

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
 Data File : BF119465.D
 Acq On : 20 Mar 2020 9:46
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 11:15:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	246130	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	918569	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	467568	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	887021	20.00	ng	0.00
76) Chrysene-d12	14.03	240	660163	20.00	ng	0.00
87) Perylene-d12	15.50	264	584027	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1289636	83.41	ng	0.00
7) Phenol-d6	6.47	99	1656185	83.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	1453669	86.01	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	447287	92.73	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2600706	82.40	ng	0.00
79) Terphenyl-d14	12.97	244	2774384	82.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	298200	39.051	ng	99
3) Pyridine	3.33	79	828510	39.383	ng	97
4) n-Nitrosodimethylamine	3.28	42	391951	38.205	ng	98
6) Aniline	6.52	93	1104917	40.534	ng	99
8) 2-Chlorophenol	6.63	128	710160	43.732	ng	97
9) Benzaldehyde	6.40	77	522182	41.677	ng	100
10) Phenol	6.49	94	877402	41.633	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	690937	40.993	ng	98
12) 1,3-Dichlorobenzene	6.79	146	744889	42.383	ng	99
13) 1,4-Dichlorobenzene	6.87	146	745765	42.422	ng	98
14) 1,2-Dichlorobenzene	7.03	146	711404	43.294	ng	98
15) Benzyl Alcohol	6.99	79	627962	42.267	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1346389	39.602	ng	98
17) 2-Methylphenol	7.10	107	627406	42.169	ng	98
18) Hexachloroethane	7.37	117	277705	43.106	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	482618	40.540	ng	98
20) 3+4-Methylphenols	7.10	107	627406	34.408	ng	78
22) Acetophenone	7.26	105	897764	40.902	ng	98
24) Nitrobenzene	7.43	77	757140	41.917	ng	99
25) Isophorone	7.67	82	1377504	40.177	ng	99
26) 2-Nitrophenol	7.75	139	356450	50.120	ng	98
27) 2,4-Dimethylphenol	7.79	122	579852	39.430	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	826025	40.743	ng	100
29) 2,4-Dichlorophenol	7.99	162	573302	42.429	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	625641	41.868	ng	99
31) Naphthalene	8.16	128	1968658	41.647	ng	100
32) Benzoic acid	7.90	122	462569	48.900	ng	96
33) 4-Chloroaniline	8.20	127	887508	40.974	ng	99
34) Hexachlorobutadiene	8.28	225	363212	43.442	ng	98
35) Caprolactam	8.57	113	183499	41.495	ng	# 90
36) 4-Chloro-3-methylphenol	8.69	107	620205	41.996	ng	98
37) 2-Methylnaphthalene	8.85	142	1308227	42.169	ng	100
38) 1-Methylnaphthalene	8.95	142	1224973	41.717	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	585088	42.692	ng	98

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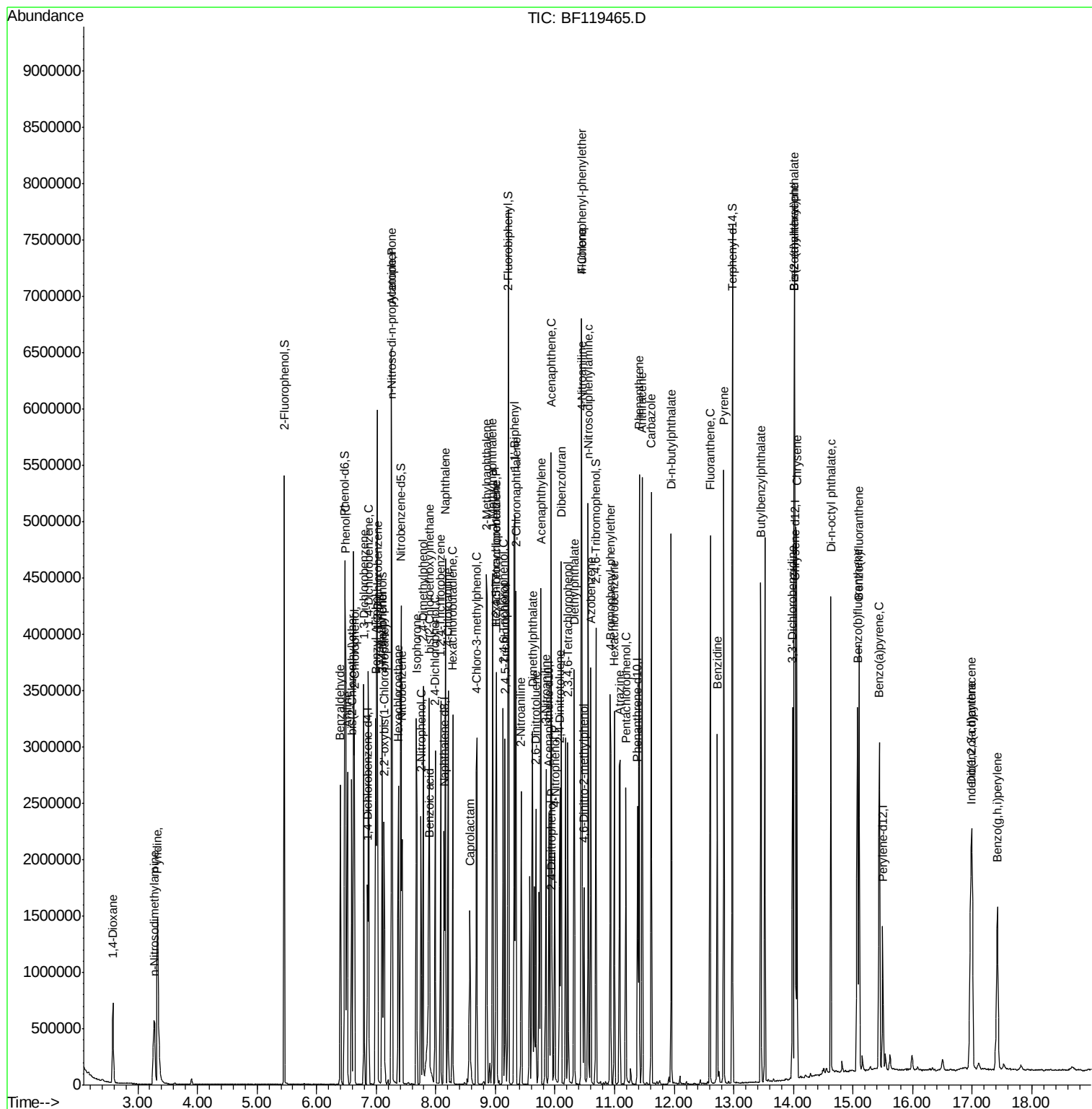
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	325716	41.805	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	420906	42.917	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	477493	43.461	ng	97
46) 1,1'-Biphenyl	9.32	154	1604329	42.129	ng	97
47) 2-Chloronaphthalene	9.35	162	1248869	41.867	ng	98
48) 2-Nitroaniline	9.43	65	466801	45.338	ng	97
49) Acenaphthylene	9.76	152	1944471	41.510	ng	99
50) Dimethylphthalate	9.62	163	1412565	42.532	ng	100
51) 2,6-Dinitrotoluene	9.68	165	321734	45.196	ng	# 84
52) Acenaphthene	9.93	154	1245745	42.659	ng	100
53) 3-Nitroaniline	9.85	138	396494	44.117	ng	99
54) 2,4-Dinitrophenol	9.95	184	152463	52.270	ng	# 83
55) Dibenzofuran	10.10	168	1760286	42.043	ng	100
56) 4-Nitrophenol	10.00	139	315961	44.566	ng	98
57) 2,4-Dinitrotoluene	10.08	165	425705	47.471	ng	94
58) Fluorene	10.45	166	1325053	42.797	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	367191	44.712	ng	100
60) Diethylphthalate	10.32	149	1444210	42.845	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	655779	43.312	ng	98
62) 4-Nitroaniline	10.46	138	386666	44.866	ng	98
63) Azobenzene	10.60	77	1395726	41.118	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	204100	54.873	ng	87
66) n-Nitrosodiphenylamine	10.56	169	1227224	42.144	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	423882	41.960	ng	91
68) Hexachlorobenzene	11.00	284	445856	43.123	ng	94
69) Atrazine	11.09	200	341657	42.797	ng	97
70) Pentachlorophenol	11.19	266	272203	44.900	ng	97
71) Phenanthrene	11.41	178	1956075	42.529	ng	99
72) Anthracene	11.46	178	2000409	42.793	ng	99
73) Carbazole	11.62	167	1976123	42.709	ng	100
74) Di-n-butylphthalate	11.95	149	2171105	43.864	ng	99
75) Fluoranthene	12.60	202	2143213	43.056	ng	98
77) Benzidine	12.72	184	1126018	40.304	ng	99
78) Pyrene	12.83	202	2182411	40.282	ng	99
80) Butylbenzylphthalate	13.45	149	935409	42.687	ng	98
81) Benzo(a)anthracene	14.02	228	1731981	40.345	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	706953	41.766	ng	98
83) Chrysene	14.06	228	1772734	40.012	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1125428	43.083	ng	99
85) Di-n-octyl phthalate	14.63	149	1938891	42.204	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	1472292	35.284	ng	98
88) Benzo(b)fluoranthene	15.07	252	1621988	41.576	ng	99
89) Benzo(k)fluoranthene	15.10	252	1561543	42.035	ng	99
90) Benzo(a)pyrene	15.44	252	1466744	41.370	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	1203053	38.795	ng	99
92) Benzo(g,h,i)perylene	17.42	276	1204312	38.656	ng	97

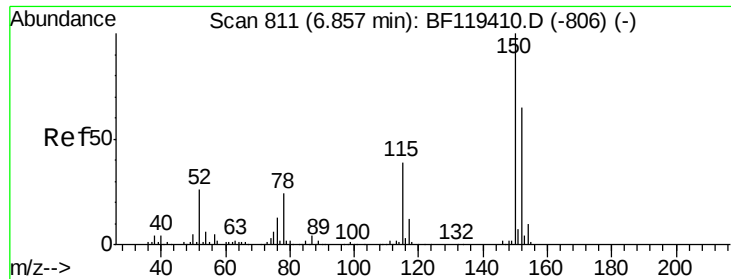
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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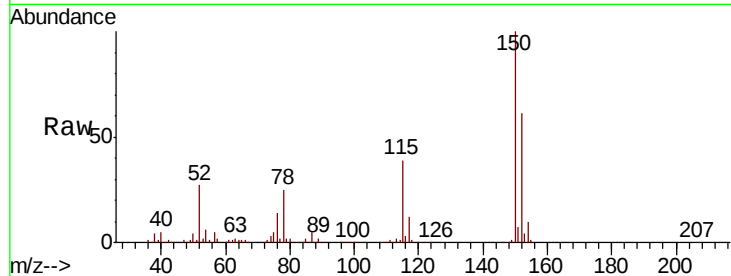


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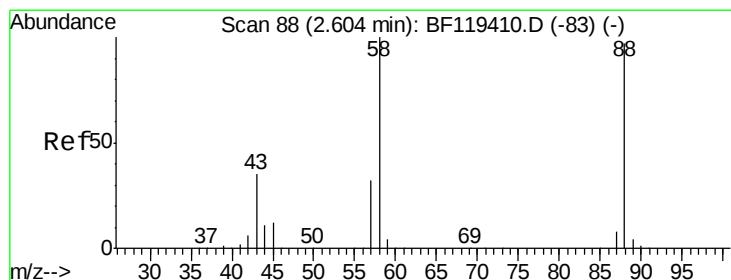
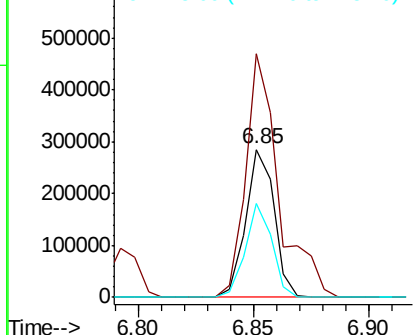
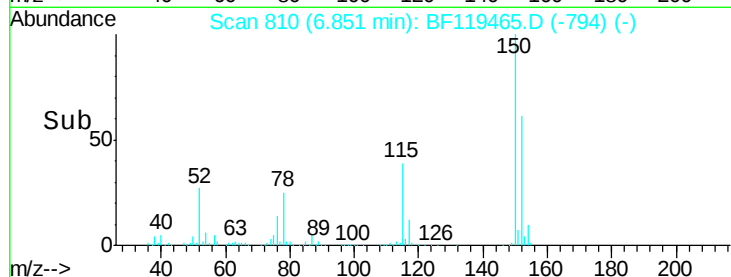
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 246130
Ion Ratio Lower Upper
152 100
150 164.7 123.9 185.9
115 63.4 47.8 71.6



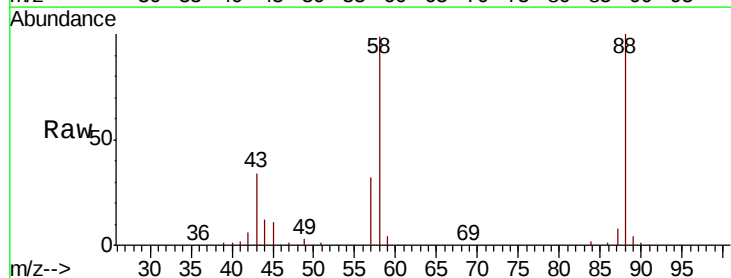
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



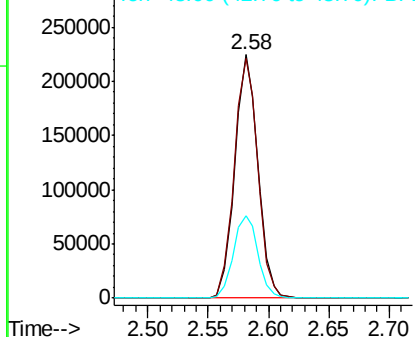
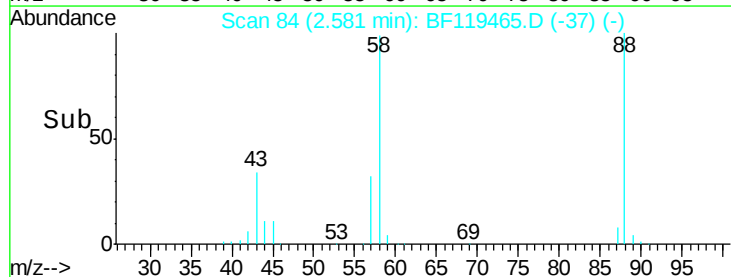
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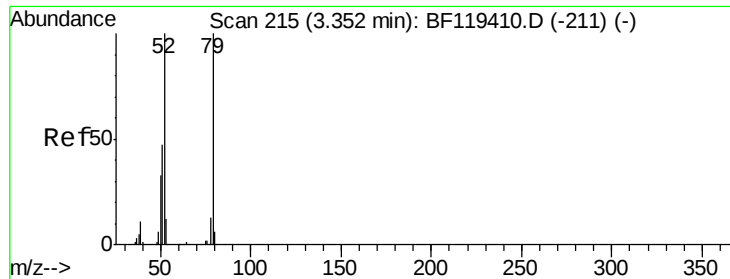
1,4-Dioxane
Concen: 39.051 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BF119465.D
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Tgt Ion: 88 Resp: 298200
Ion Ratio Lower Upper
88 100
58 100.8 79.4 119.2
43 35.5 28.4 42.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

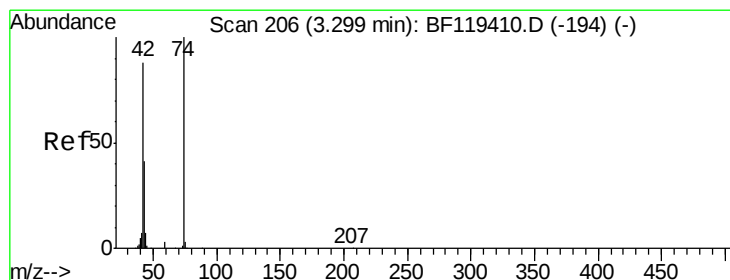
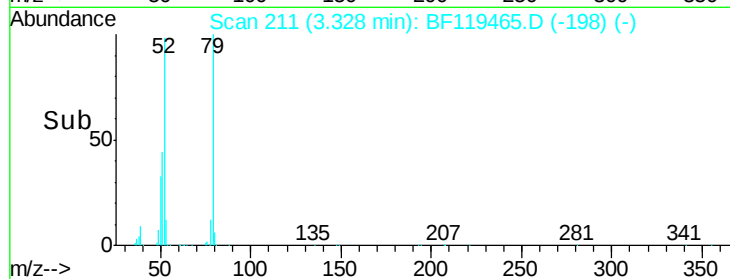
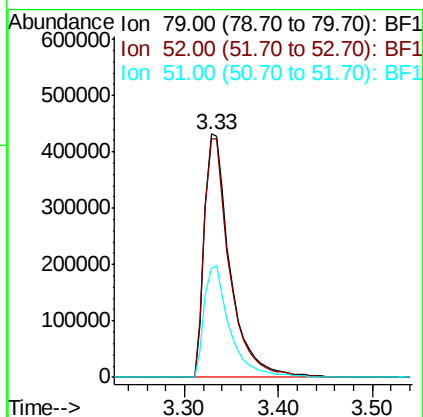
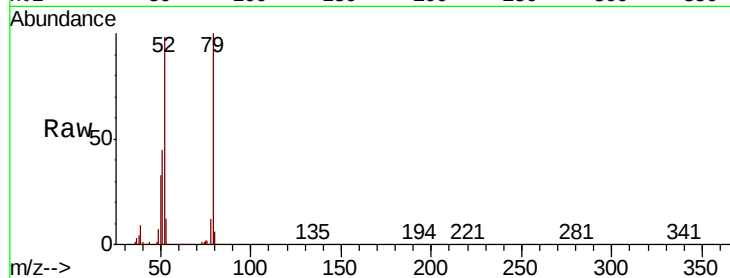




#3
 Pvridine
 Concen: 39.383 ng
 RT: 3.33 min Scan# 211
 Delta R.T. -0.02 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

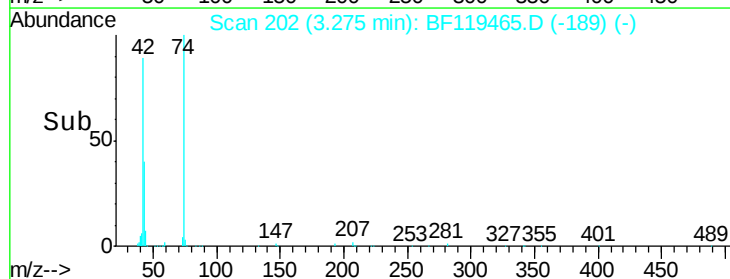
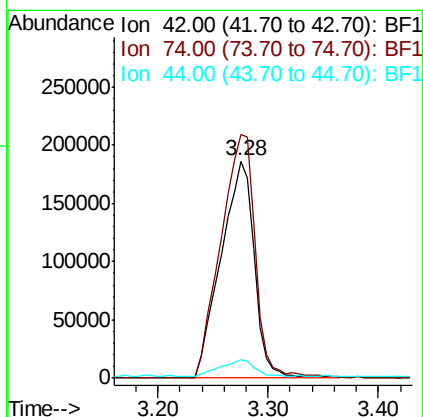
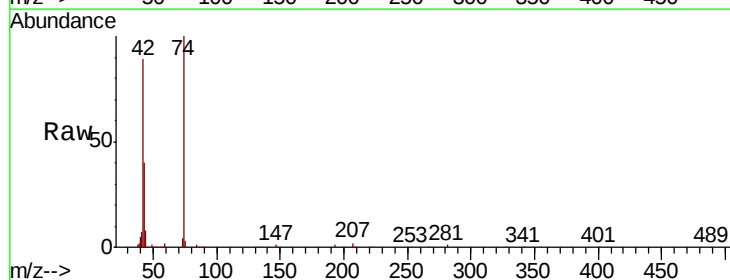
Instrument :
 BNA_F
 ClientSampleId :

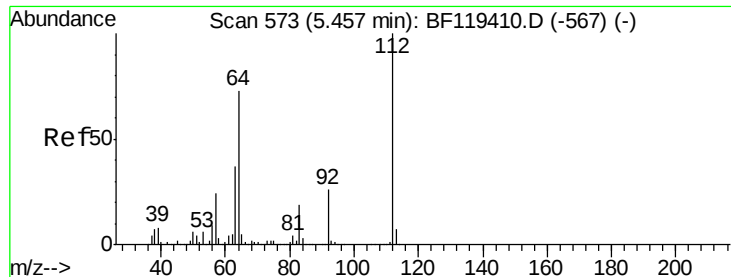
Tot Ion: 79 Resp: 828510
 Ion Ratio Lower Upper
 79 100
 52 97.8 80.0 120.0
 51 44.7 37.9 56.9



#4
 n-Nitrosodimethylamine
 Concen: 38.205 ng
 RT: 3.28 min Scan# 202
 Delta R.T. -0.02 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion: 42 Resp: 391951
 Ion Ratio Lower Upper
 42 100
 74 112.3 91.3 136.9
 44 8.6 7.1 10.7





#5

2-Fluorophenol

Concen: 83.410 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

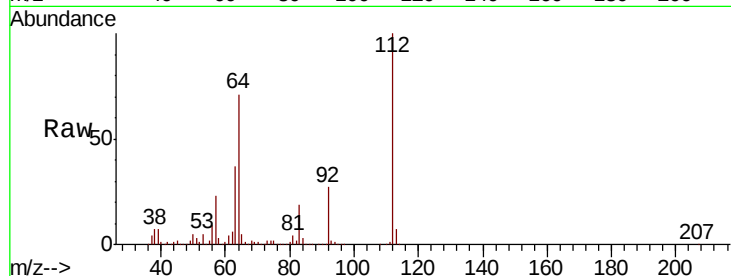
Tot Ion:112 Resp: 1289636

Ion Ratio Lower Upper

112 100

64 71.2 58.1 87.1

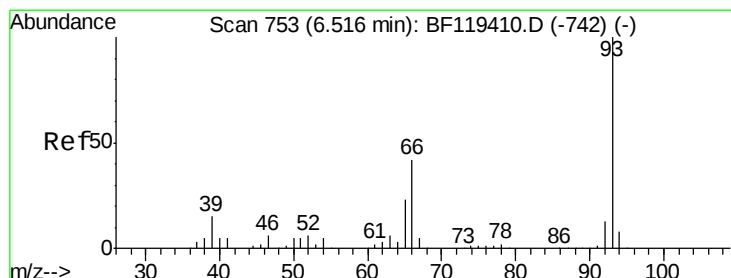
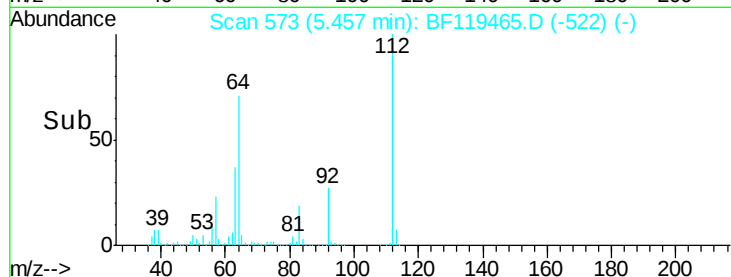
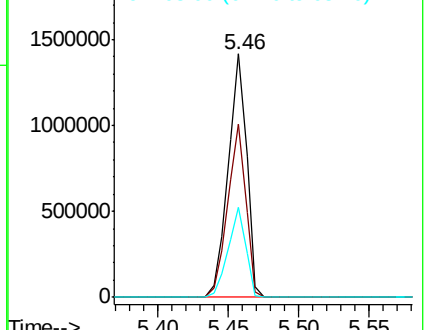
63 37.0 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.534 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

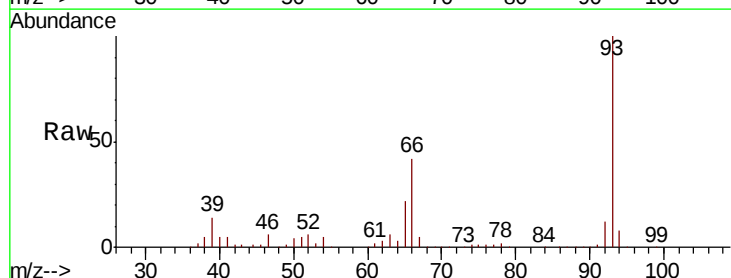
Tgt Ion: 93 Resp: 1104917

Ion Ratio Lower Upper

93 100

66 41.8 34.2 51.4

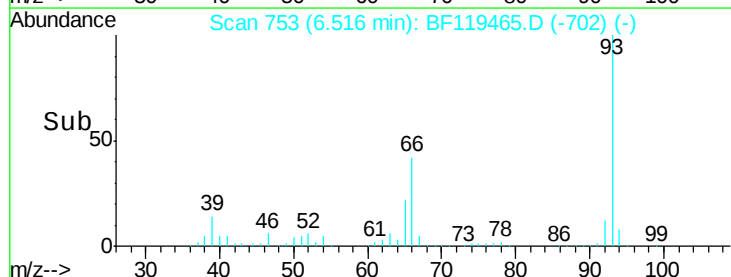
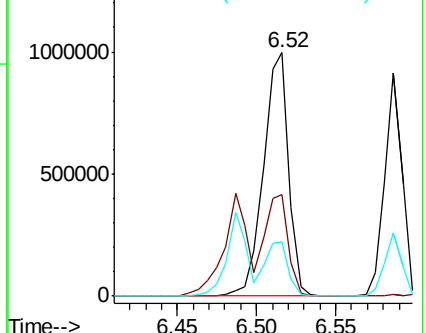
65 22.4 18.2 27.4

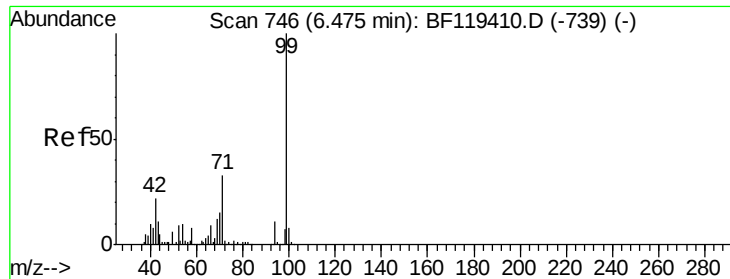


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.854 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

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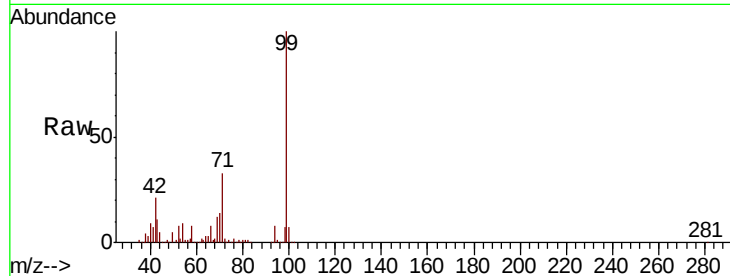
Tot Ion: 99 Resp: 1656185

Ion Ratio Lower Upper

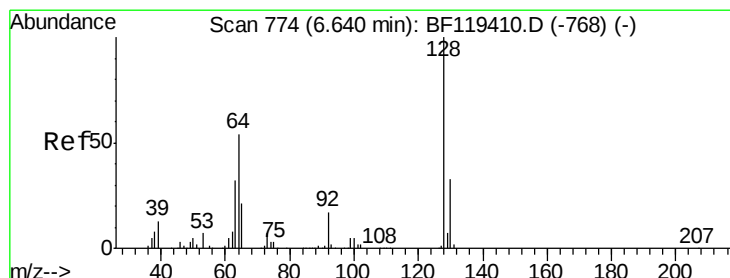
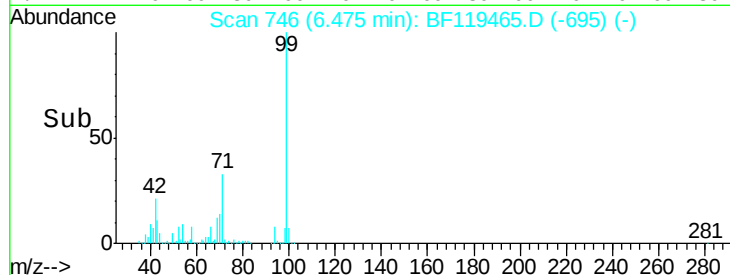
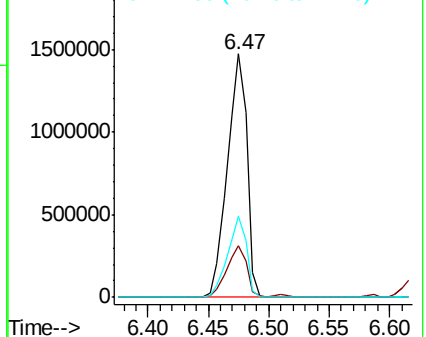
99 100

42 21.2 17.8 26.6

71 33.3 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.732 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

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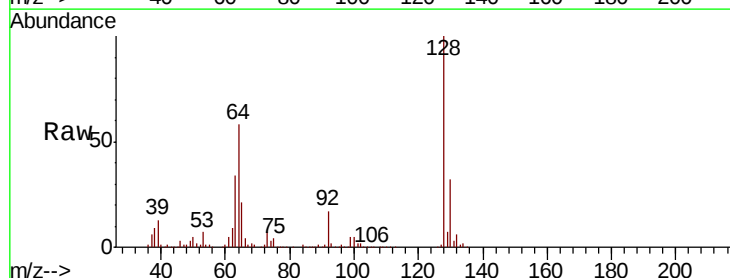
Tgt Ion: 128 Resp: 710160

Ion Ratio Lower Upper

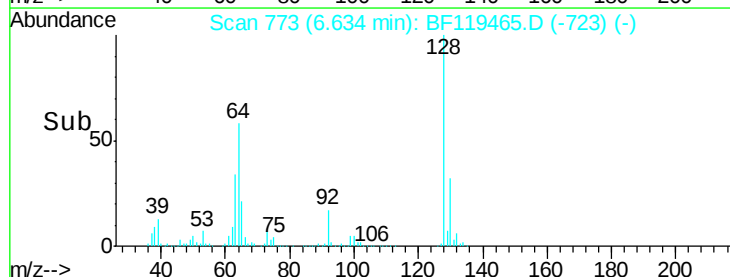
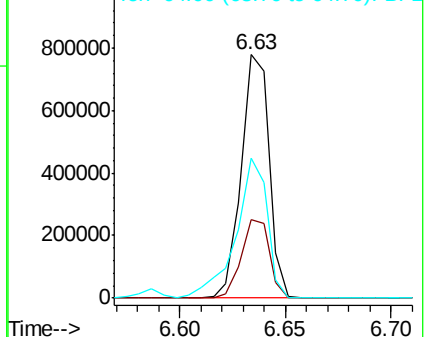
128 100

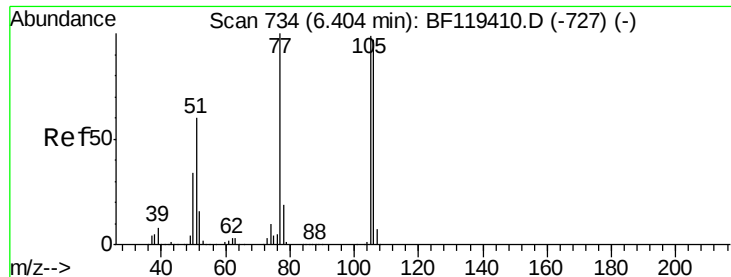
130 32.1 13.0 53.0

64 57.7 35.1 75.1



Abundance Ion 128.00 (127.70 to 128.70): E
1000000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.677 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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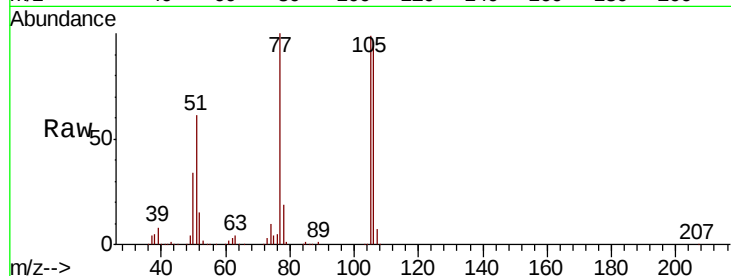
Tot Ion: 77 Resp: 522182

Ion Ratio Lower Upper

77 100

105 98.5 78.6 118.6

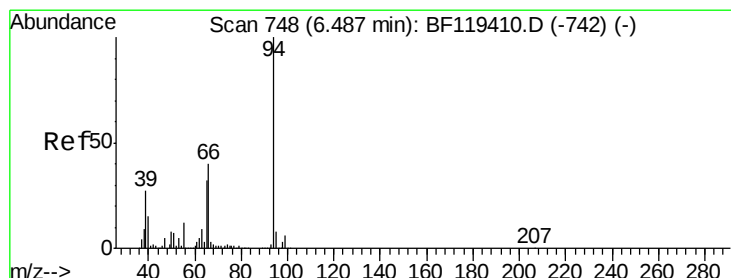
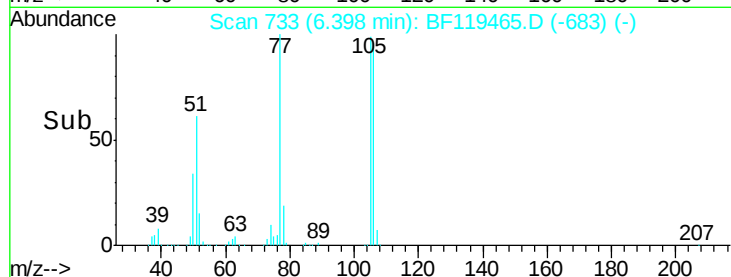
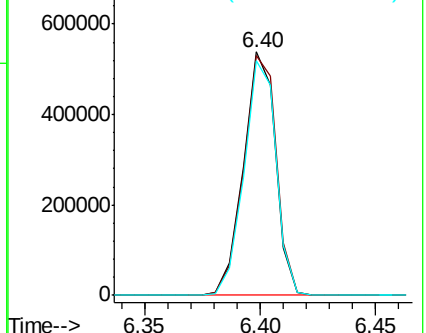
106 96.1 76.5 116.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.633 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

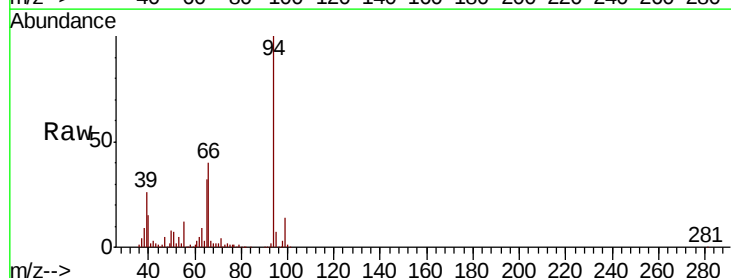
Tgt Ion: 94 Resp: 877402

Ion Ratio Lower Upper

94 100

65 32.5 12.0 52.0

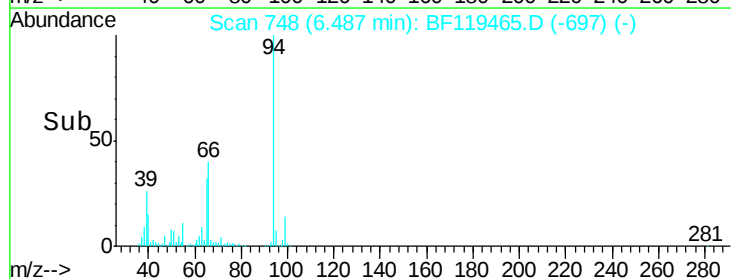
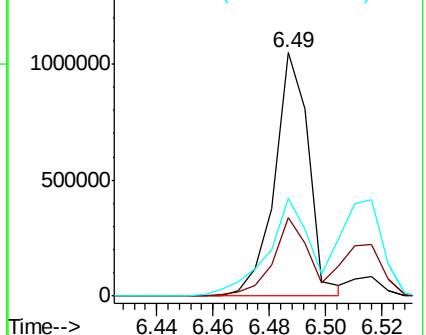
66 40.1 20.6 60.6

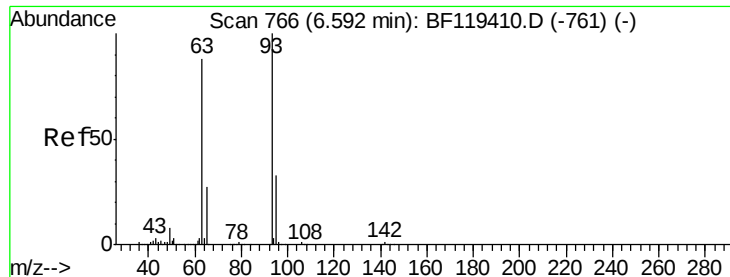


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

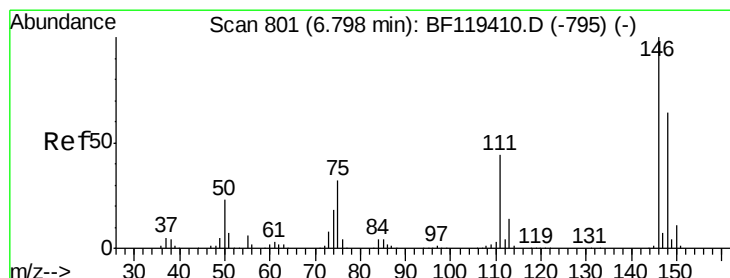
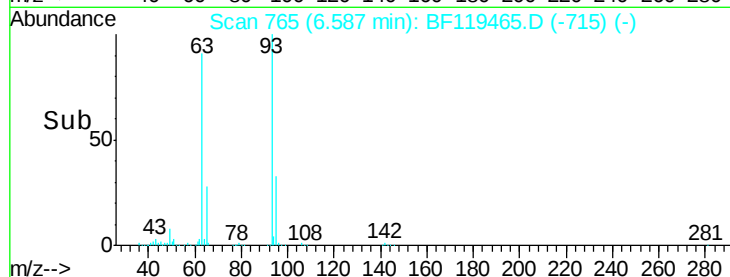
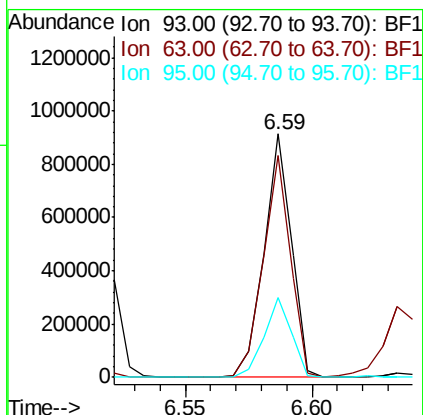
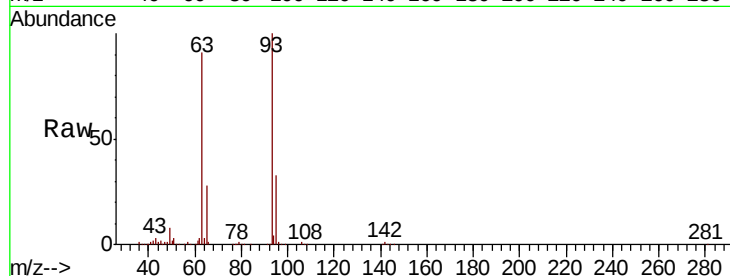




#11
bis(2-Chloroethyl)ether
Concen: 40.993 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

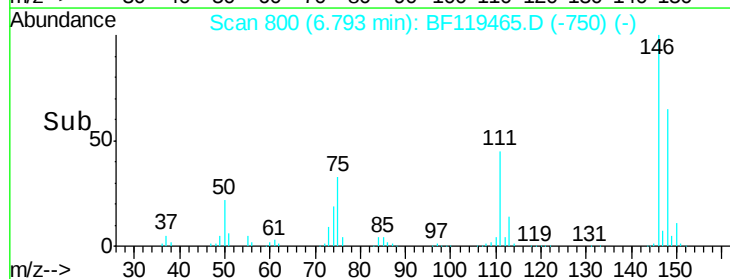
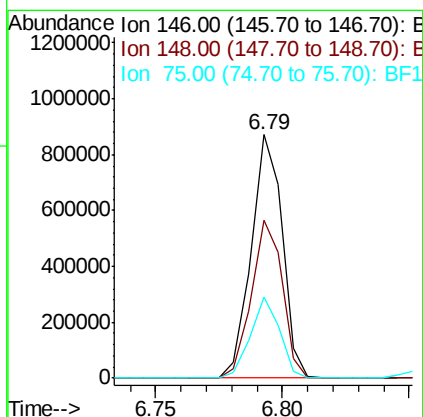
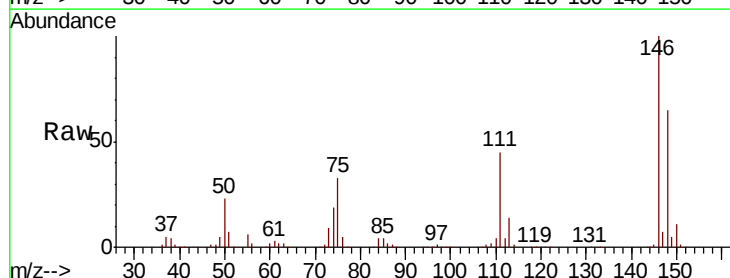
Instrument :
BNA_F
ClientSampled :

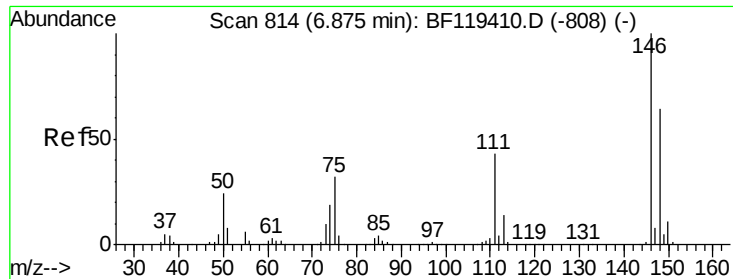
Tot Ion	Ratio	Lower	Upper
93	100		
63	91.2	68.4	108.4
95	32.8	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 42.383 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	33.4	25.8	38.8

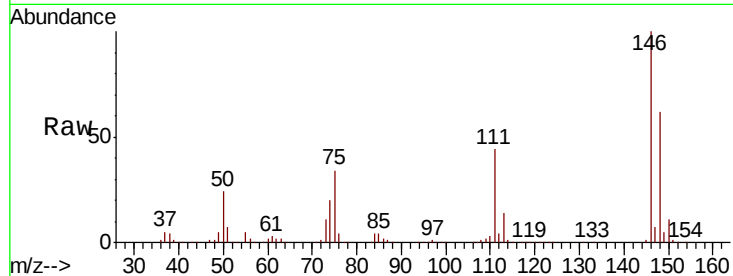




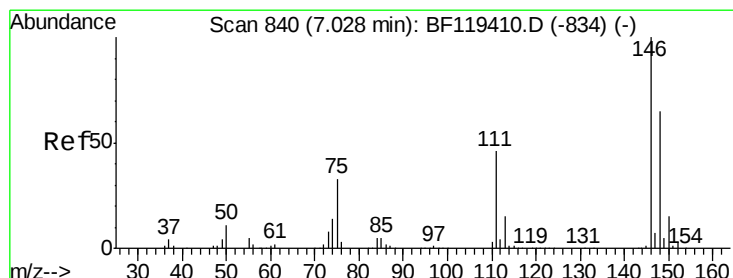
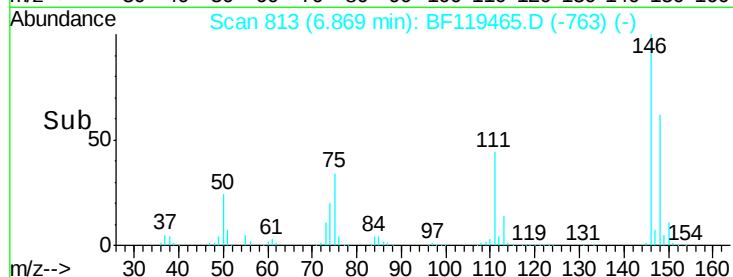
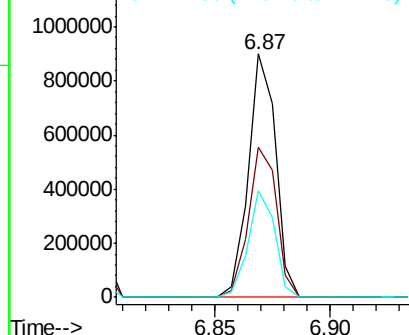
#13
 1,4-Dichlorobenzene
 Concen: 42.422 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 745765
 Ion Ratio Lower Upper
 146 100
 148 61.8 50.9 76.3
 111 43.7 34.6 52.0

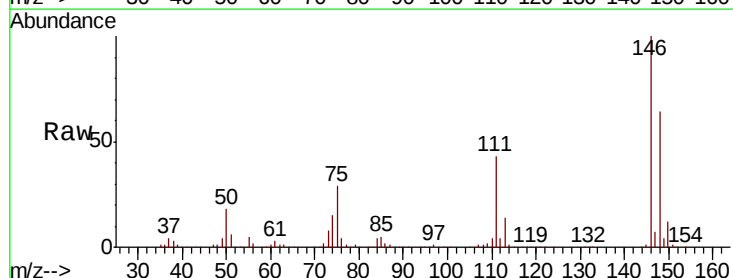


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

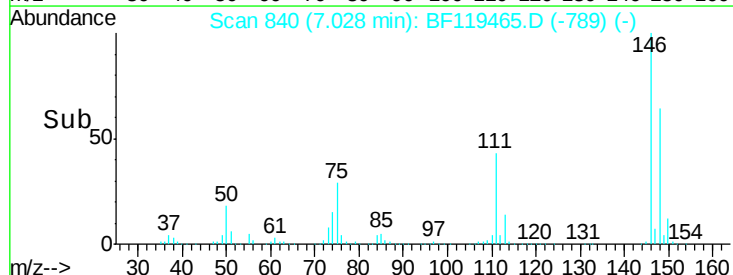
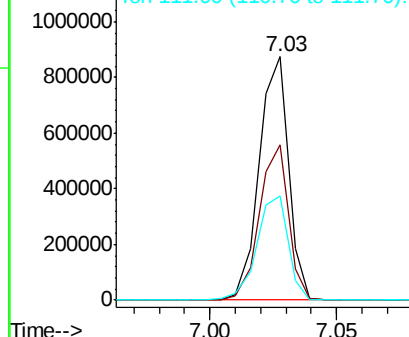


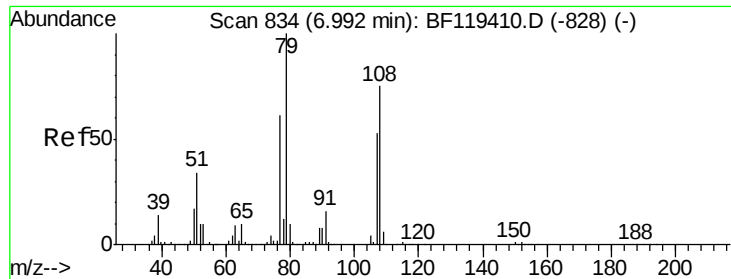
#14
 1,2-Dichlorobenzene
 Concen: 43.294 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion:146 Resp: 711404
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.7 77.5
 111 42.6 36.4 54.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.267 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampled :

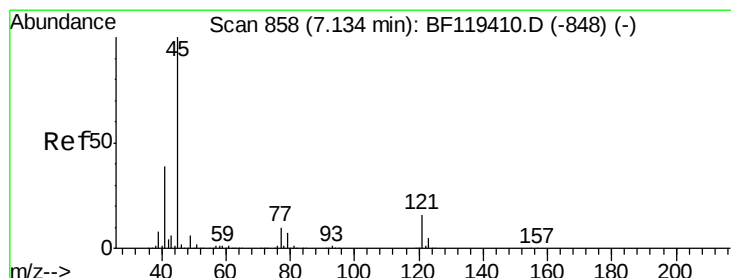
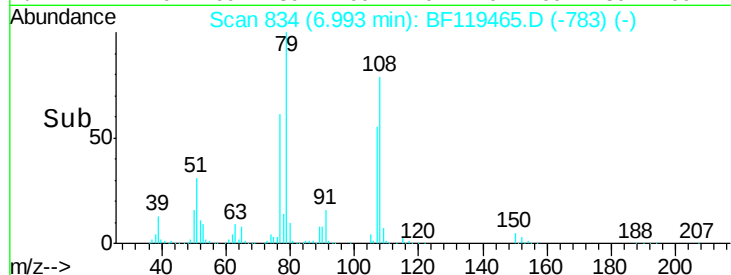
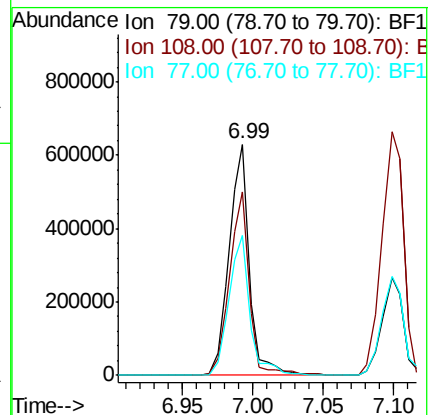
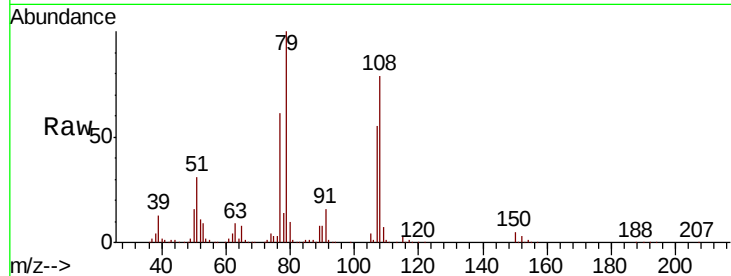
Tot Ion: 79 Resp: 627962

Ion Ratio Lower Upper

79 100

108 79.5 60.4 90.6

77 60.7 49.0 73.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.602 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

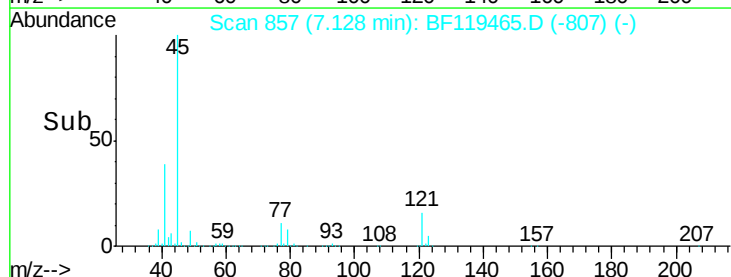
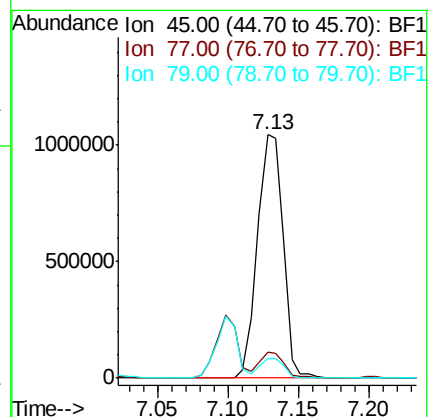
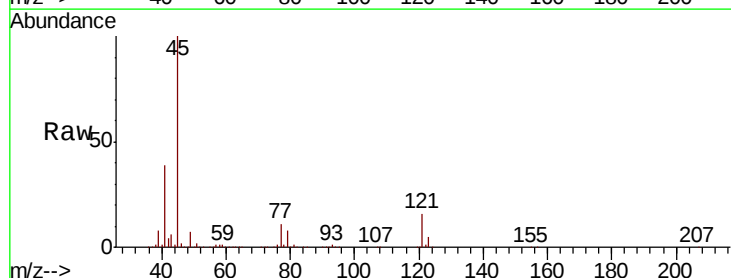
Tgt Ion: 45 Resp: 1346389

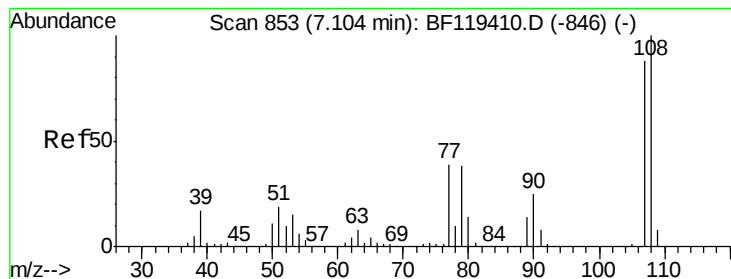
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.1

79 7.8 0.0 27.4





#17

2-Methylphenol

Concen: 42.169 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 627406

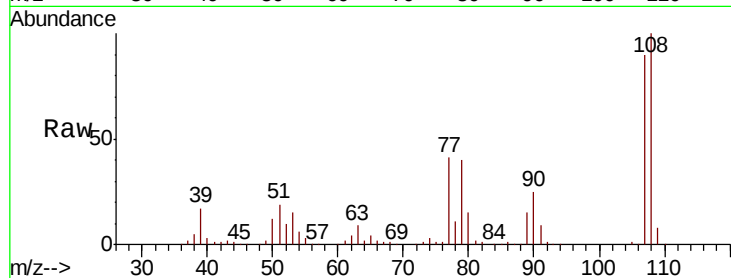
Ion Ratio Lower Upper

107 100

108 110.6 90.7 136.1

77 45.1 35.6 53.4

79 44.2 34.7 52.1

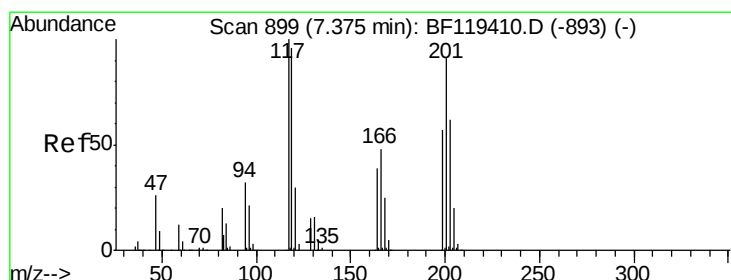
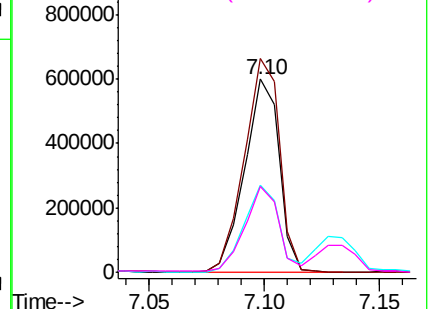
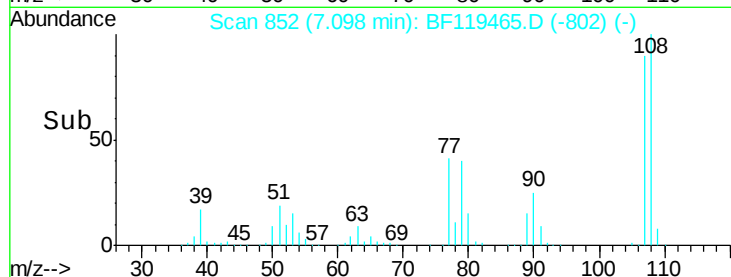


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.106 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

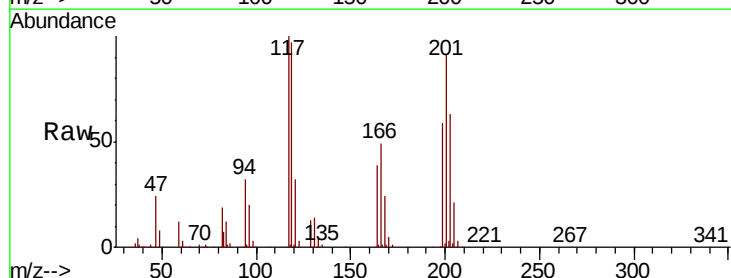
Tgt Ion:117 Resp: 277705

Ion Ratio Lower Upper

117 100

119 96.9 76.8 115.2

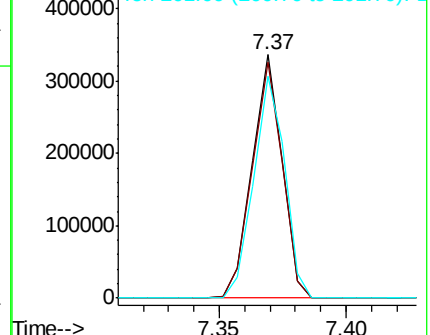
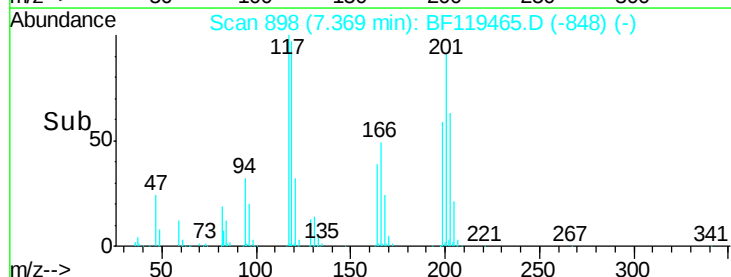
201 91.1 72.5 108.7

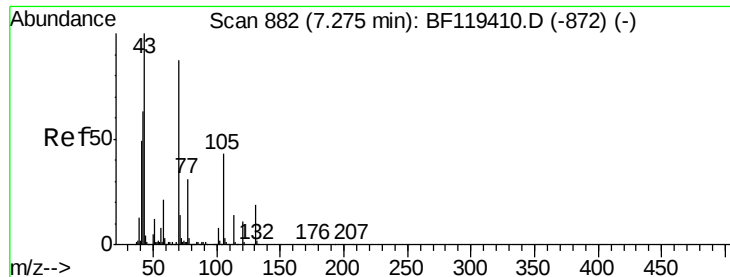


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

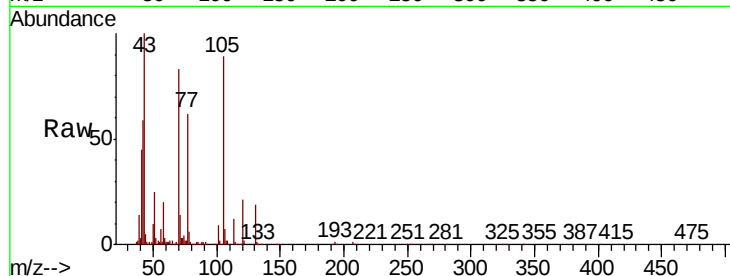




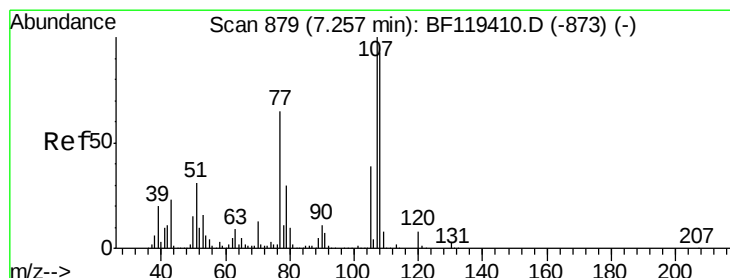
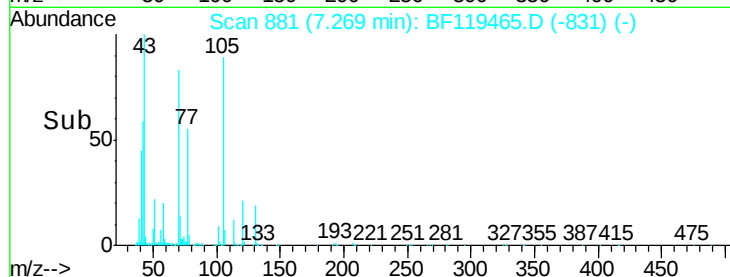
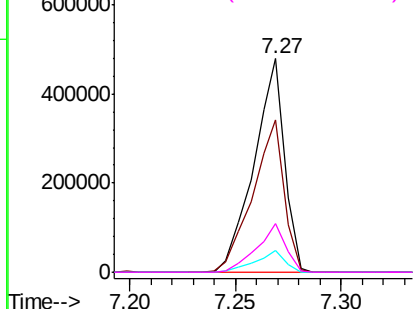
#19
n-Nitroso-di-n-propylamine
Concen: 40.540 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	482618
Ion	Ratio	Lower	Upper
70	100		
42	71.4	58.2	87.4
101	10.3	7.4	11.2
130	22.6	17.8	26.8

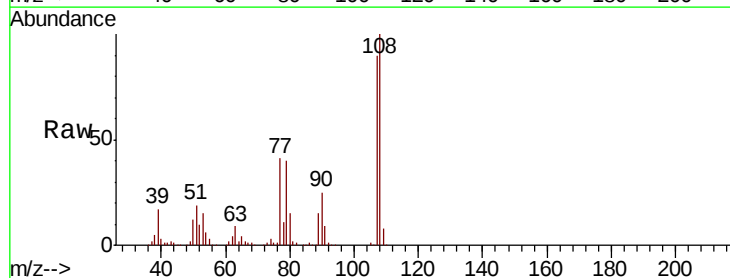


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

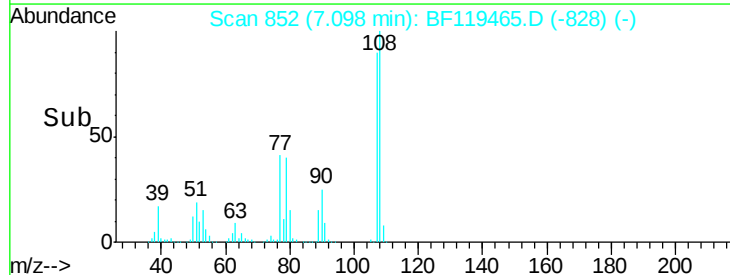
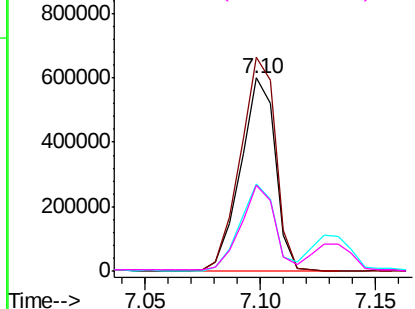


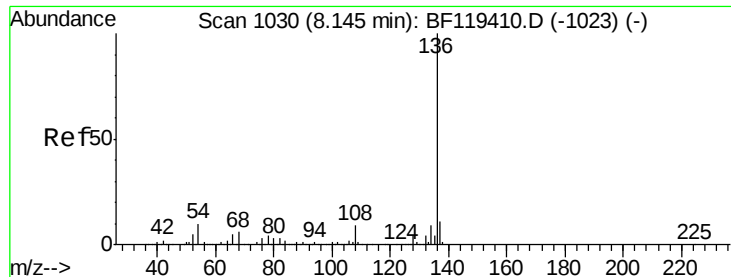
#20
3+4-Methylphenols
Concen: 34.408 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.16 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:	107	Resp:	627406
Ion	Ratio	Lower	Upper
107	100		
108	110.6	72.6	112.6
77	45.1	44.7	84.7
79	44.2	10.2	50.2



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 918569

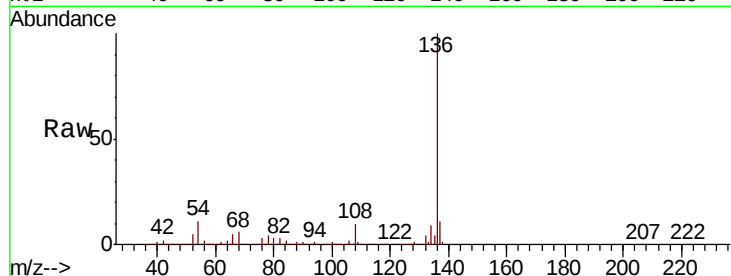
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.7 8.3 12.5

68 5.7 4.9 7.3

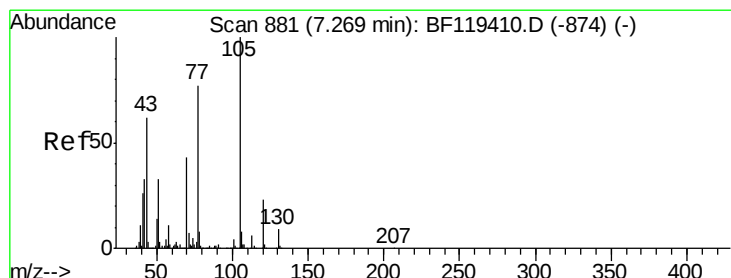
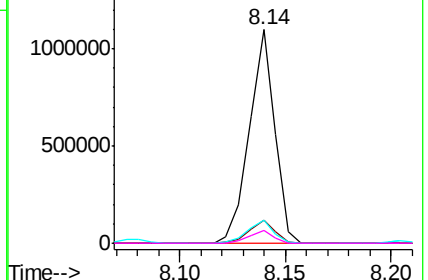
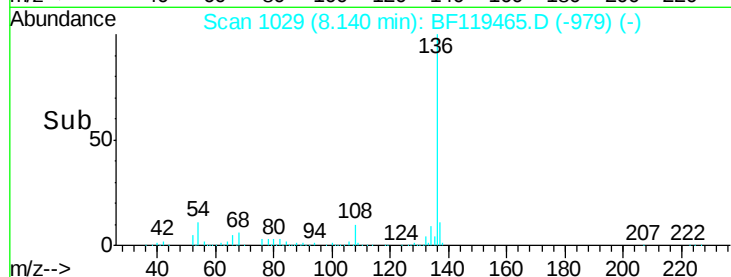


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.902 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Tgt Ion:105 Resp: 897764

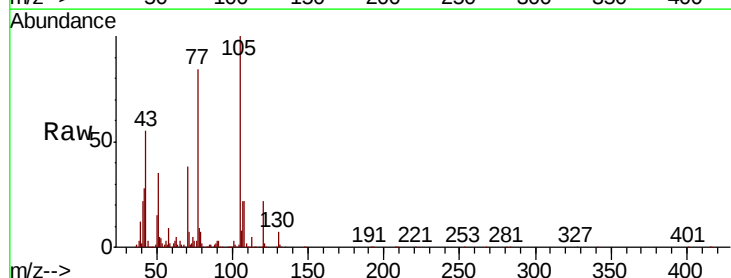
Ion Ratio Lower Upper

105 100

71 6.5 5.8 8.6

51 35.5 26.8 40.2

120 22.5 18.0 27.0

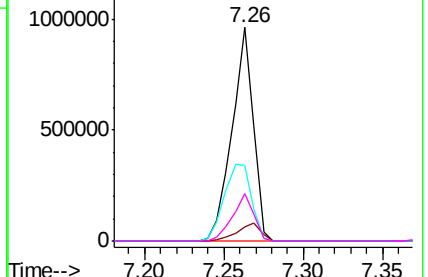
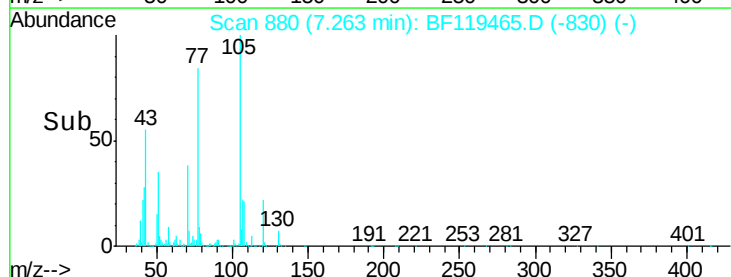


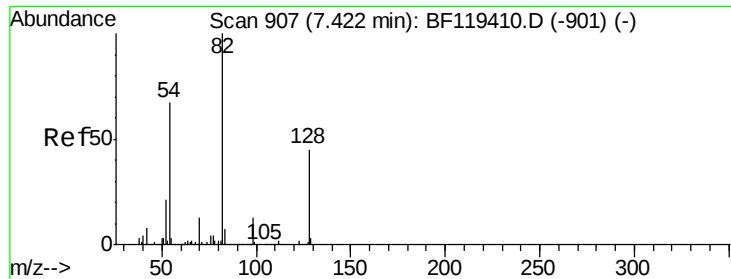
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

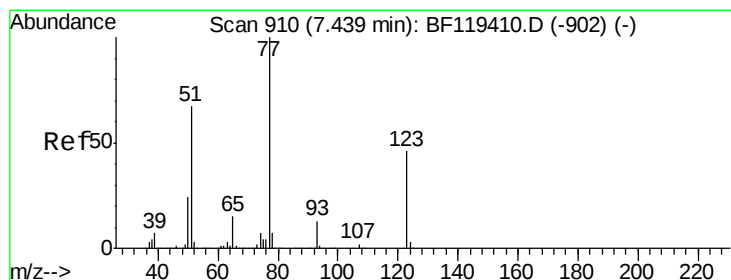
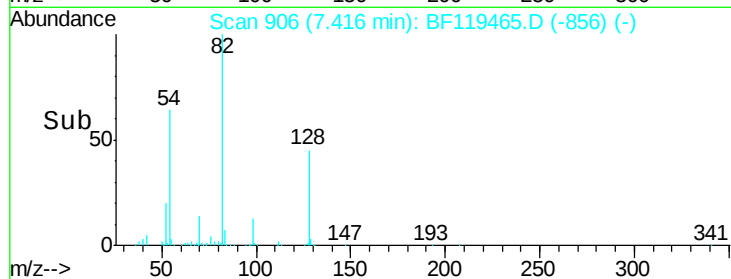
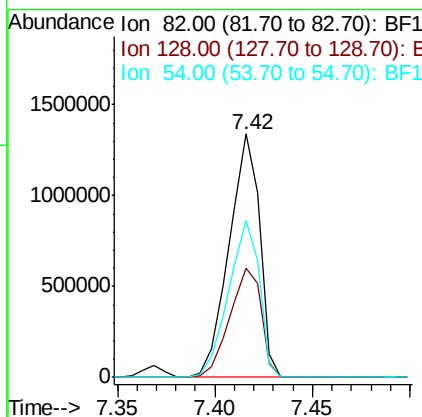
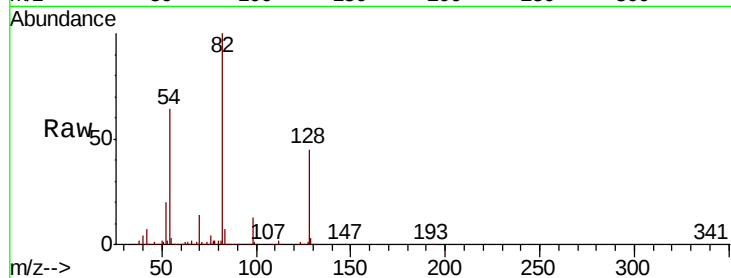




#23
 Nitrobenzene-d5
 Concen: 86.007 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

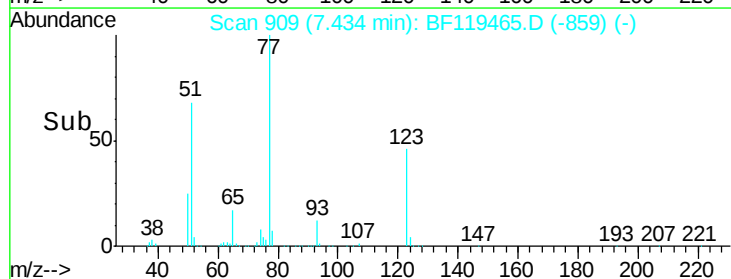
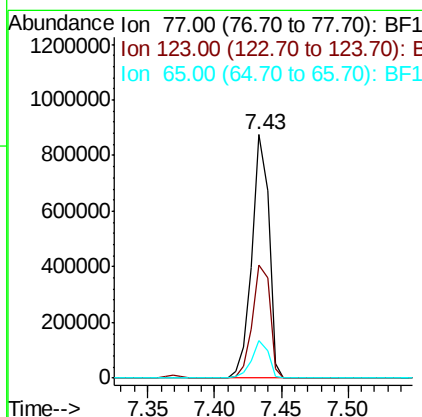
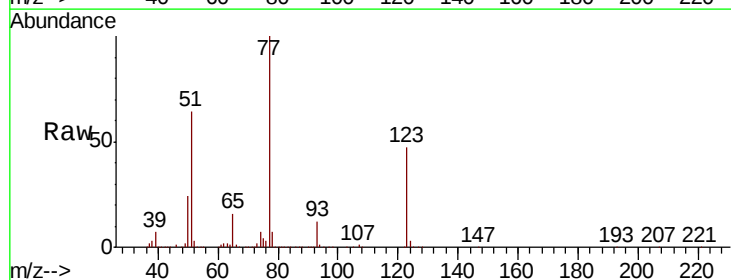
Instrument :
 BNA_F
 ClientSampleId :

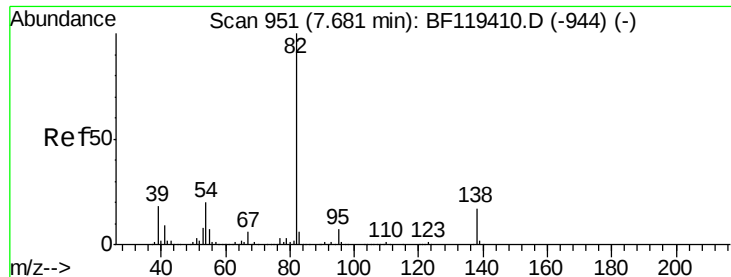
Tot Ion: 82 Resp: 1453669
 Ion Ratio Lower Upper
 82 100
 128 45.1 35.8 53.8
 54 64.4 53.4 80.0



#24
 Nitrobenzene
 Concen: 41.917 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion: 77 Resp: 757140
 Ion Ratio Lower Upper
 77 100
 123 46.5 36.9 55.3
 65 15.6 12.2 18.4





#25

Isophorone

Concen: 40.177 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

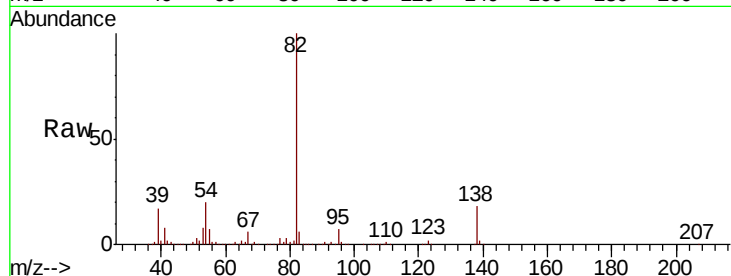
Tot Ion: 82 Resp: 1377504

Ion Ratio Lower Upper

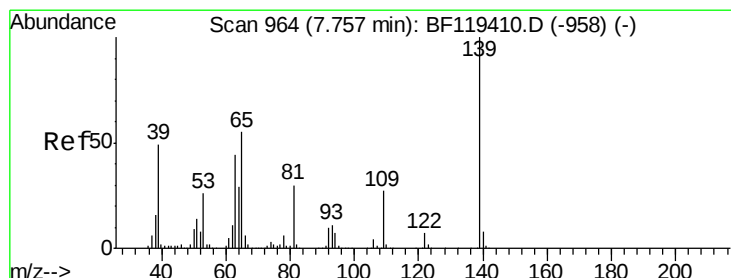
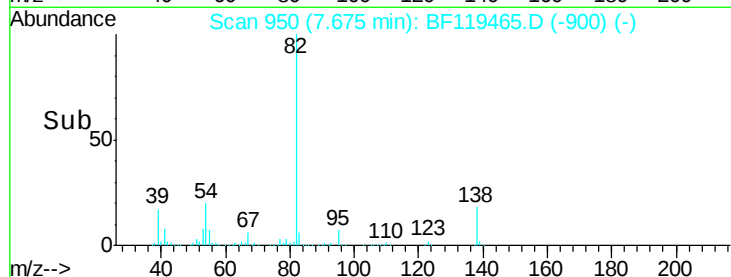
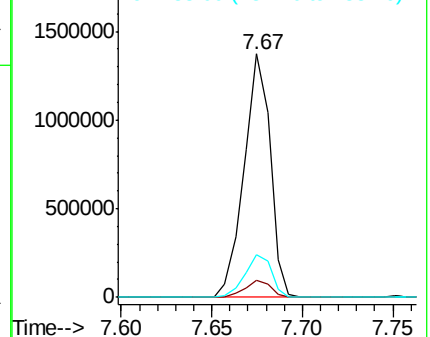
82 100

95 6.9 5.4 8.2

138 17.6 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.120 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

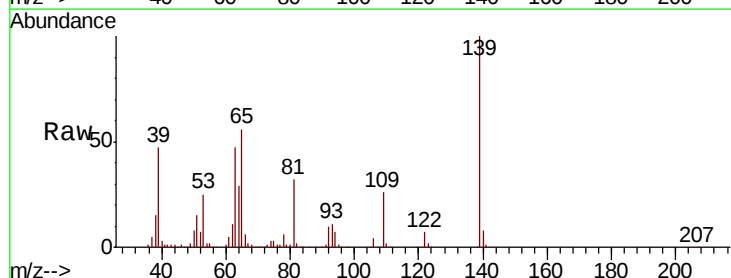
Tgt Ion: 139 Resp: 356450

Ion Ratio Lower Upper

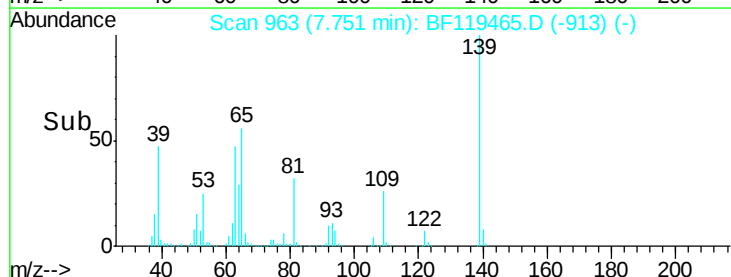
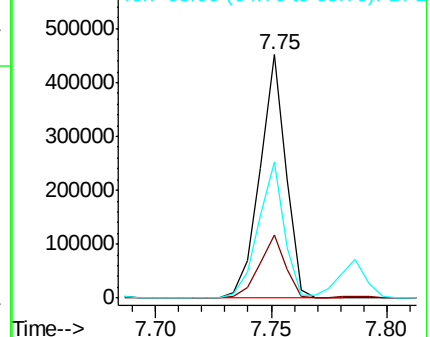
139 100

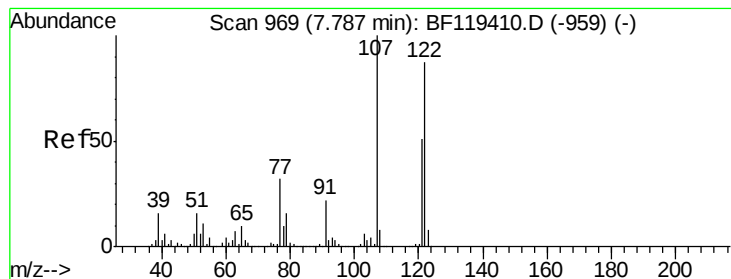
109 25.9 21.7 32.5

65 55.9 43.9 65.9



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.430 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :

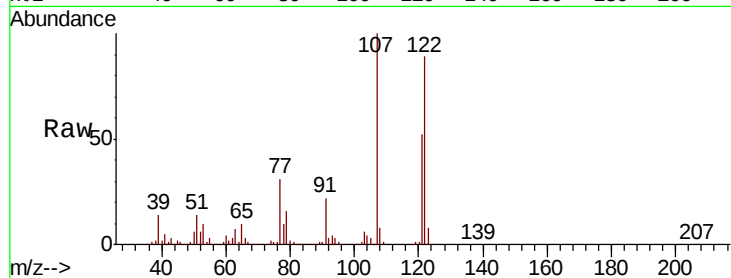
Tot Ion:122 Resp: 579852

Ion Ratio Lower Upper

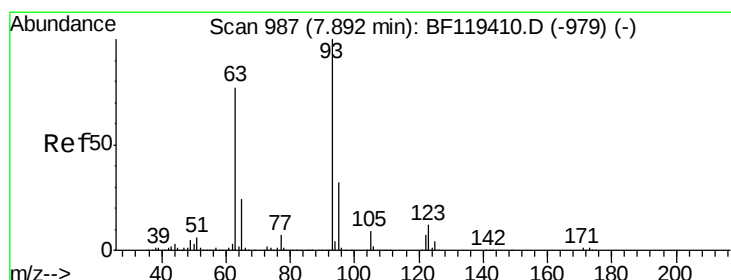
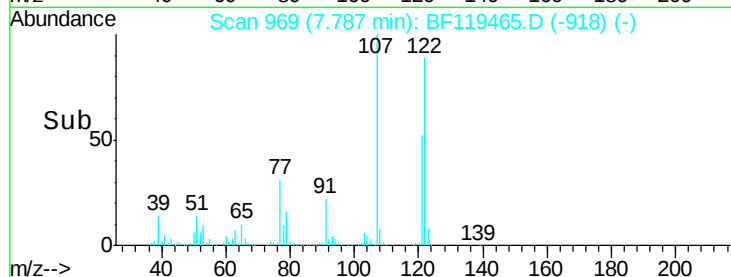
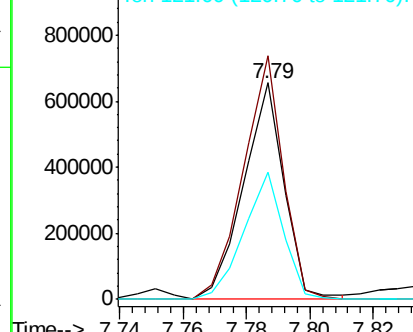
122 100

107 112.4 91.8 137.6

121 58.5 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.743 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

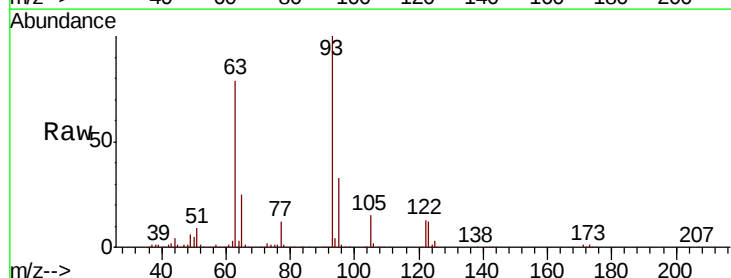
Tgt Ion: 93 Resp: 826025

Ion Ratio Lower Upper

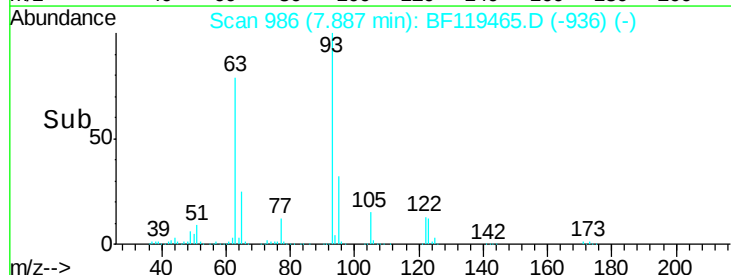
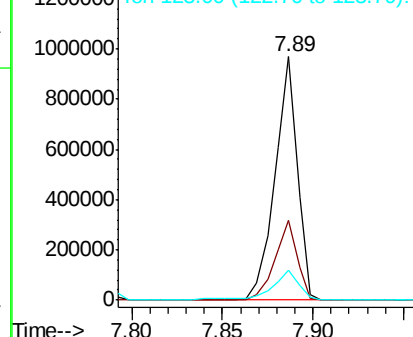
93 100

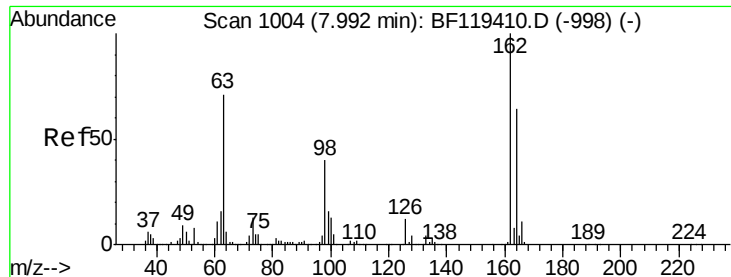
95 32.5 26.0 39.0

123 12.4 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.429 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

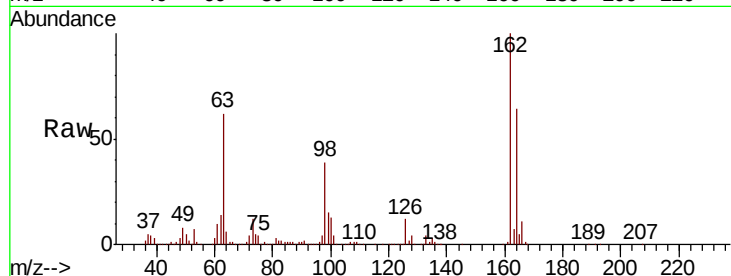
Tot Ion:162 Resp: 573302

Ion Ratio Lower Upper

162 100

164 63.9 43.6 83.6

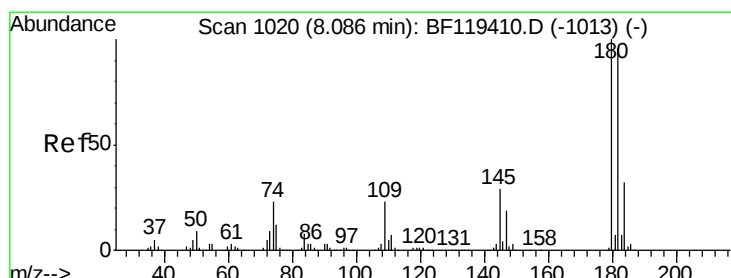
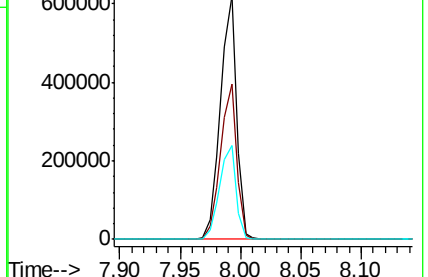
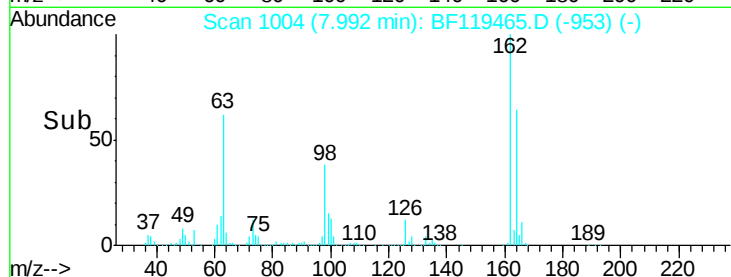
98 38.5 20.4 60.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.868 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

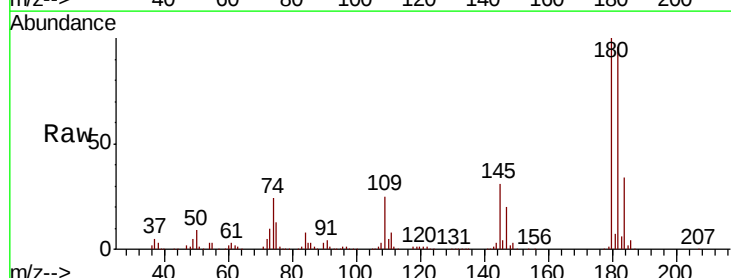
Tgt Ion:180 Resp: 625641

Ion Ratio Lower Upper

180 100

182 96.3 76.6 115.0

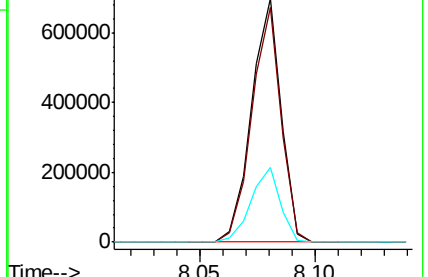
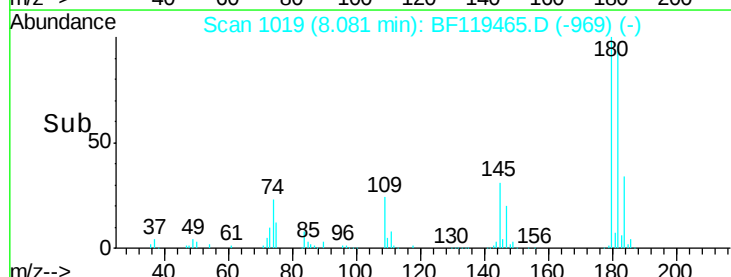
145 30.6 23.2 34.8

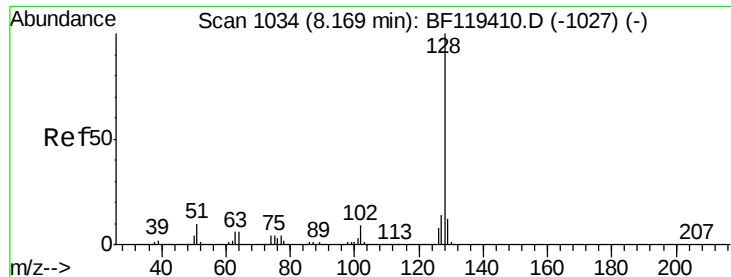


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

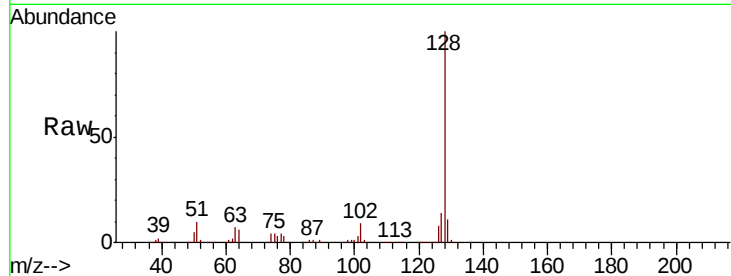




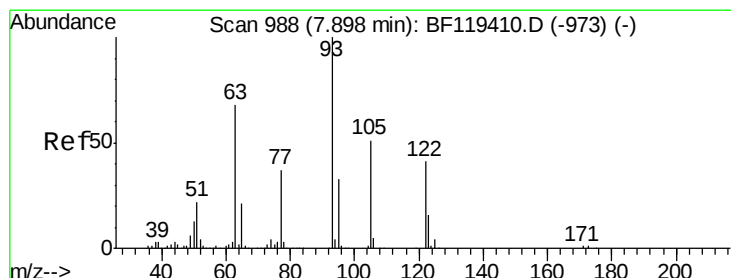
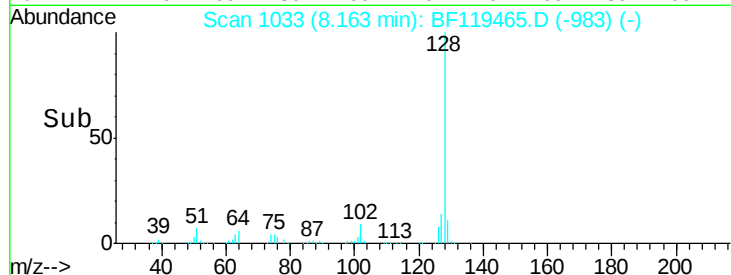
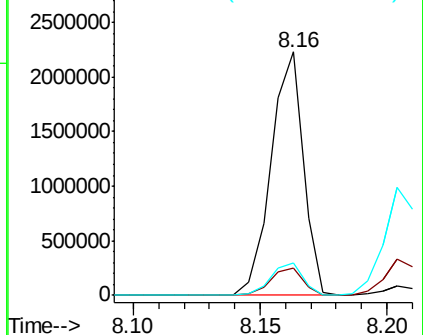
#31
Naphthalene
Concen: 41.647 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1968658
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.5 11.0 16.4

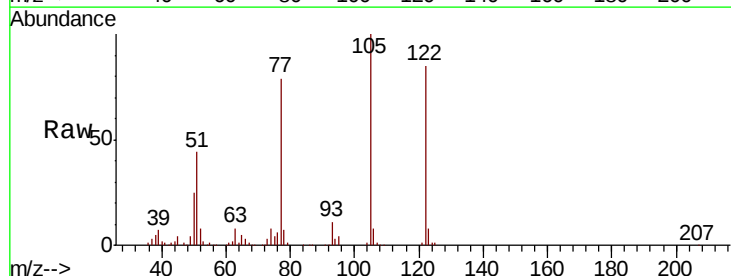


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

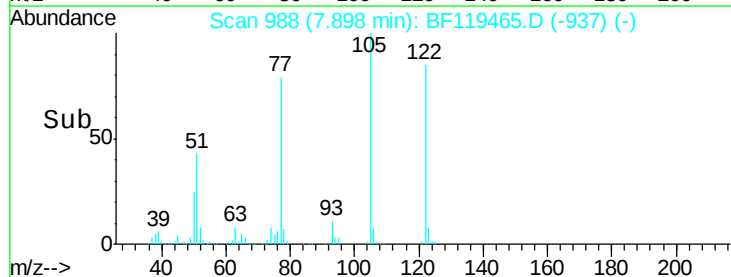
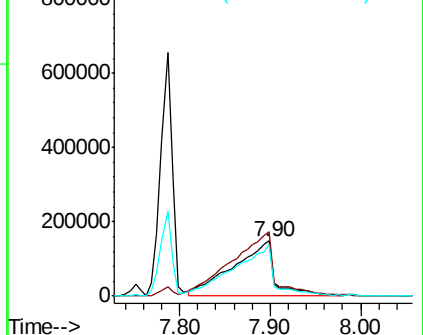


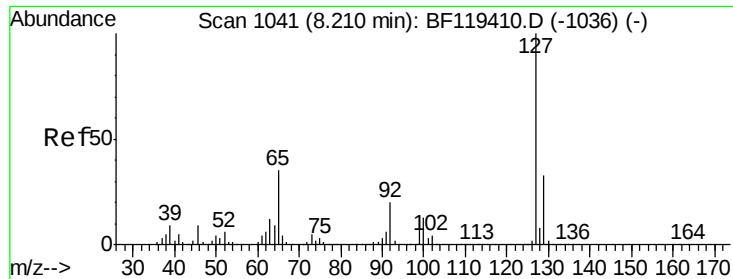
#32
Benzoic acid
Concen: 48.900 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:122 Resp: 462569
Ion Ratio Lower Upper
122 100
105 117.4 102.9 142.9
77 92.8 70.1 110.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

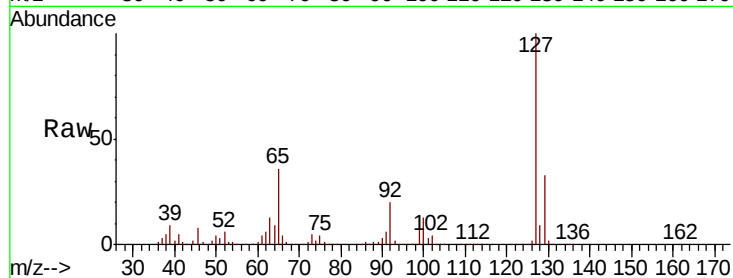




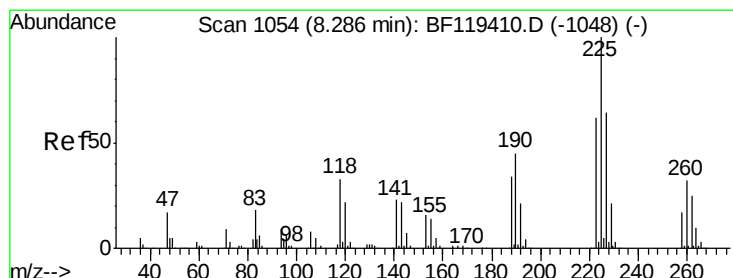
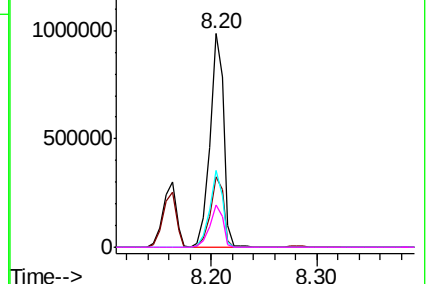
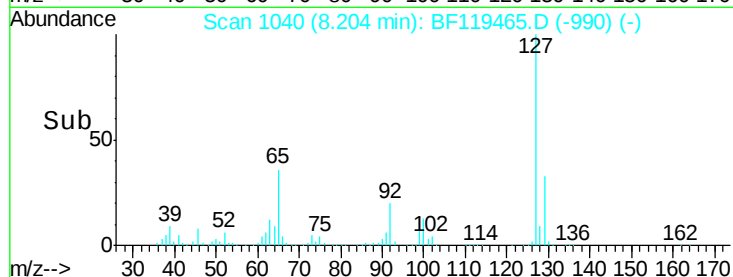
#33
4-Chloroaniline
Concen: 40.974 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	887508
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	36.2	27.7	41.5
92	20.0	15.8	23.6

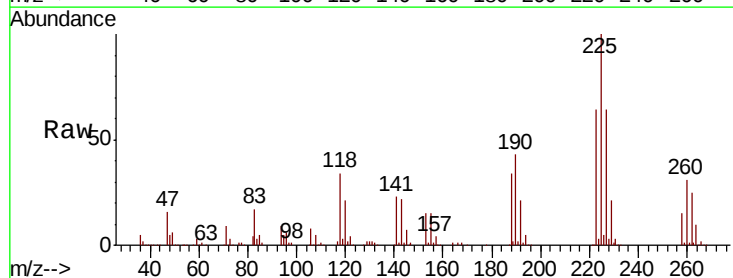


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

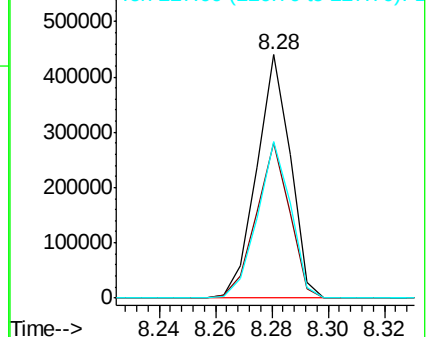
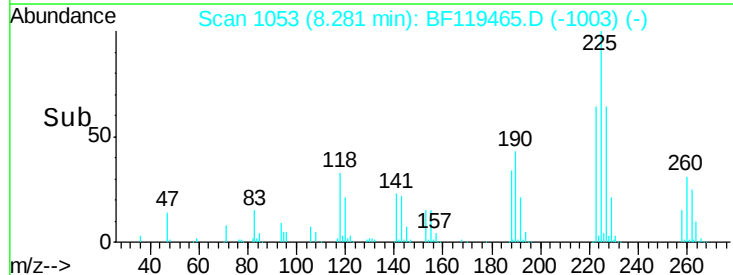


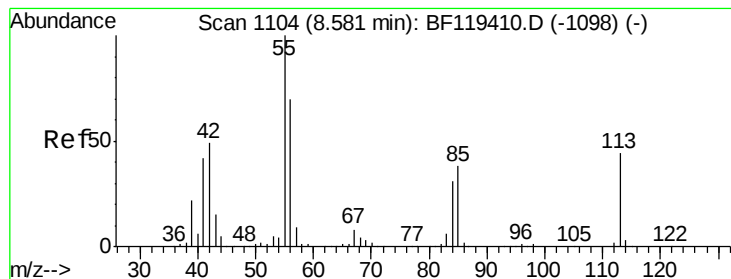
#34
Hexachlorobutadiene
Concen: 43.442 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:	225	Resp:	363212
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.2	73.8
227	64.3	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.495 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

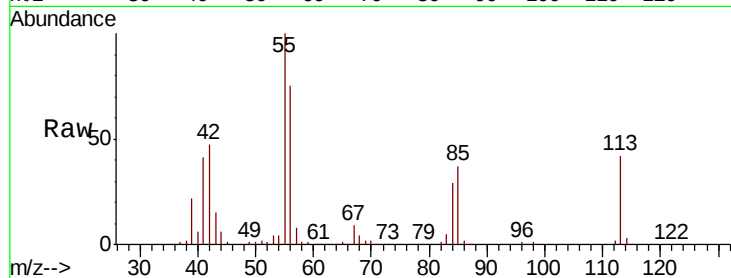
Tot Ion:113 Resp: 183499

Ion Ratio Lower Upper

113 100

55 239.0 208.4 248.4

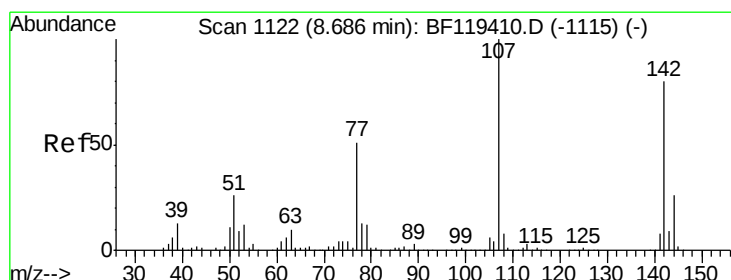
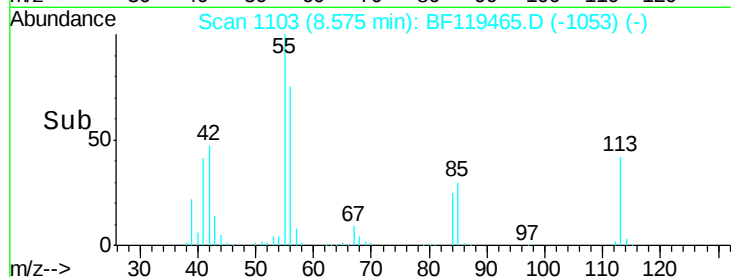
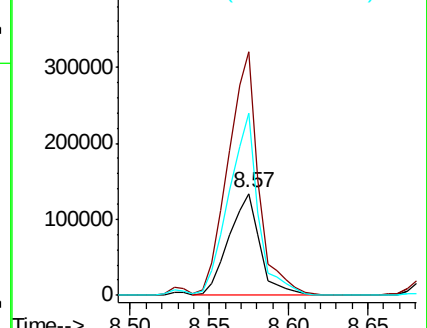
56 179.1 138.9 178.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.996 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

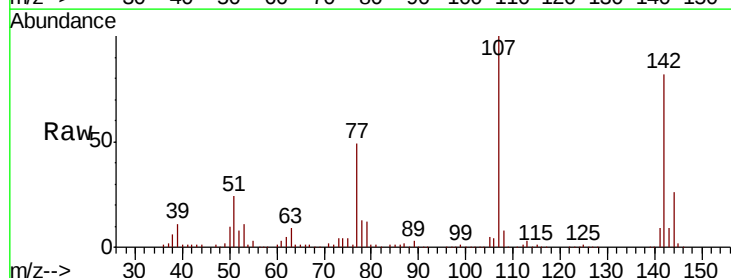
Tgt Ion:107 Resp: 620205

Ion Ratio Lower Upper

107 100

144 26.4 20.6 31.0

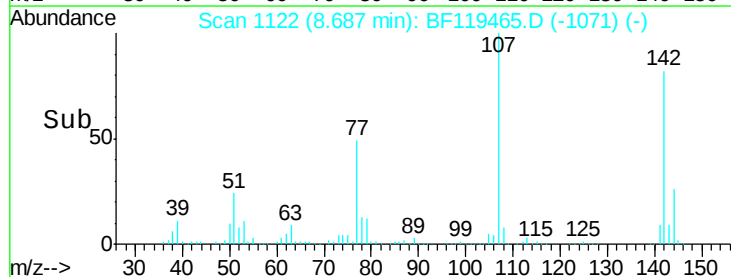
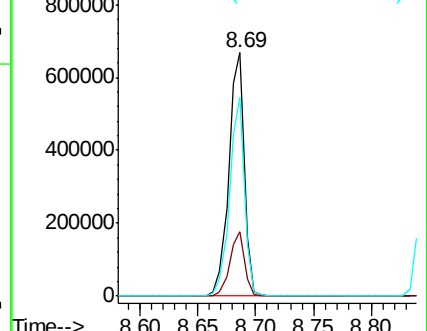
142 81.8 63.8 95.6

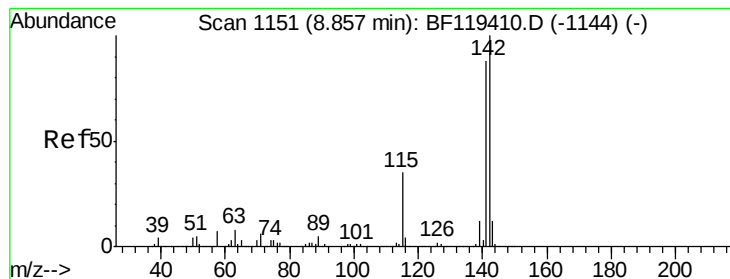


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.169 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

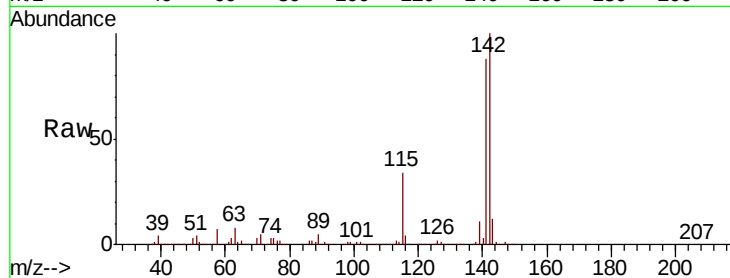
Tot Ion:142 Resp: 1308227

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

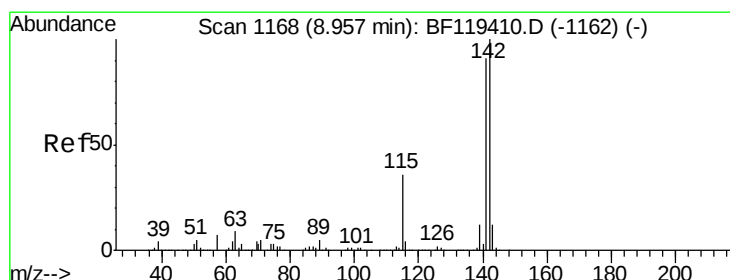
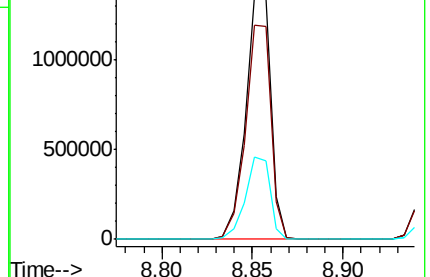
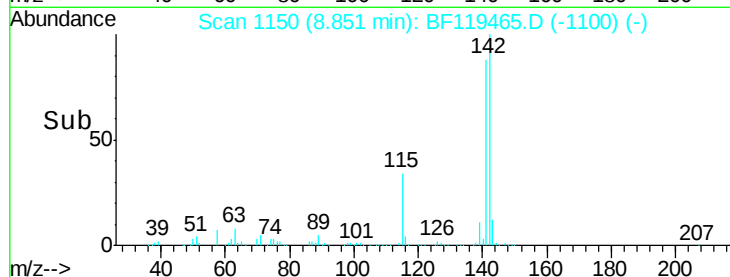
115 34.0 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.717 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

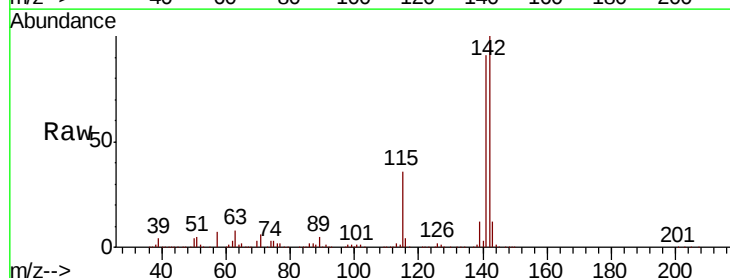
Tgt Ion:142 Resp: 1224973

Ion Ratio Lower Upper

142 100

141 91.0 73.1 109.7

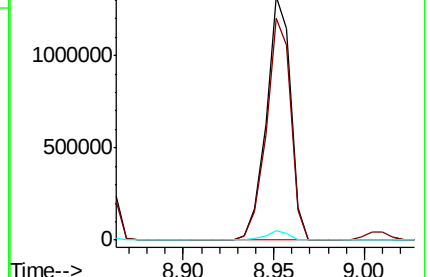
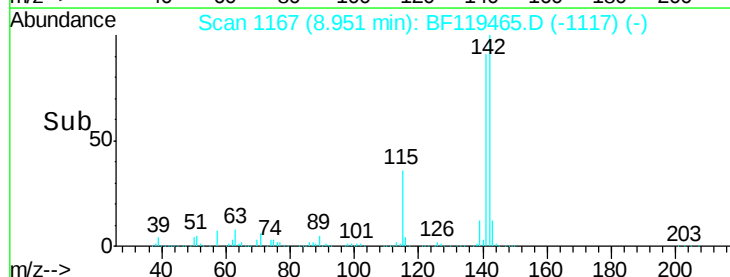
116 4.0 3.0 4.6

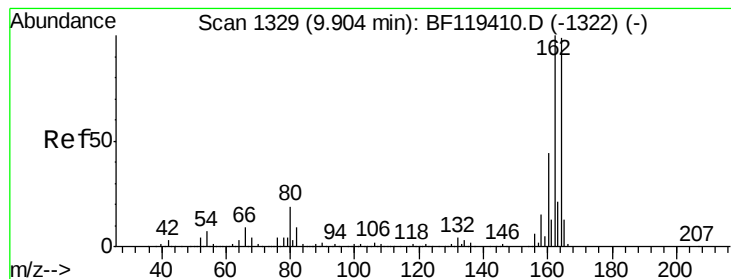


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

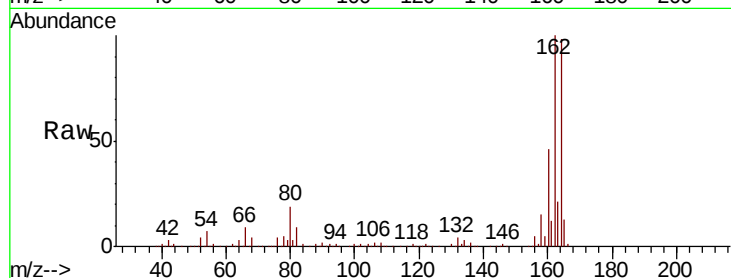
Tot Ion:164 Resp: 467568

Ion Ratio Lower Upper

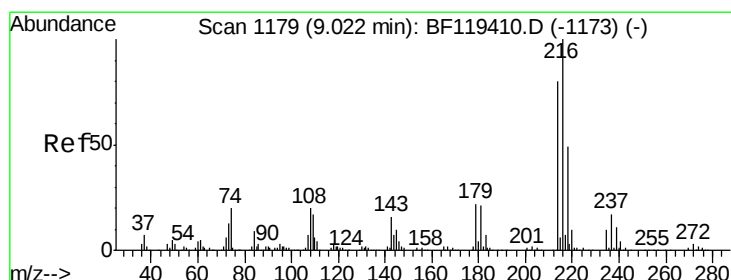
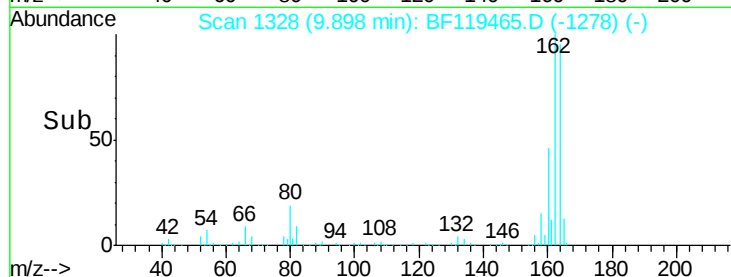
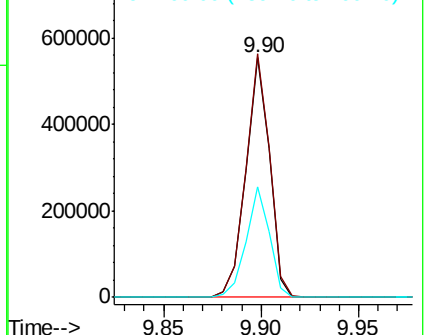
164 100

162 101.6 80.7 121.1

160 46.3 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.692 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Tgt Ion:216 Resp: 585088

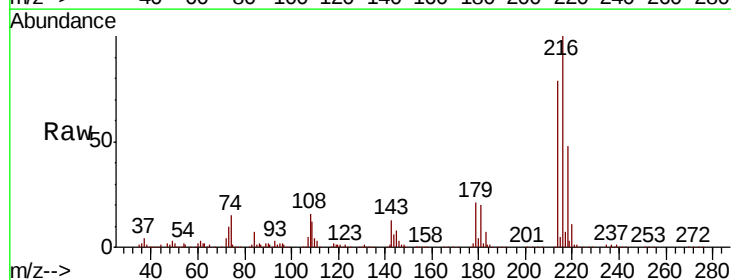
Ion Ratio Lower Upper

216 100

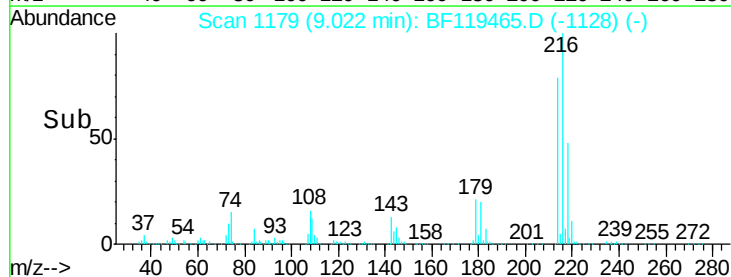
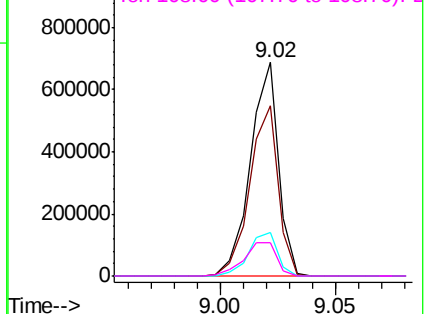
214 80.6 63.0 94.6

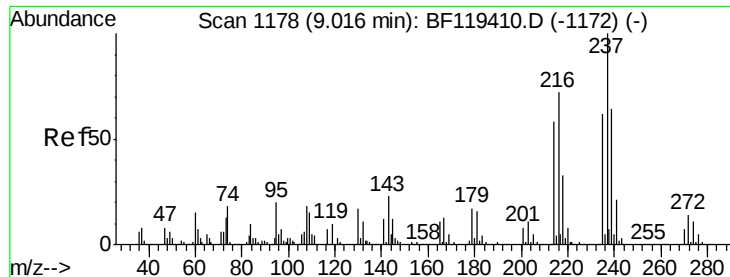
179 21.3 17.0 25.4

108 18.6 15.4 23.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.805 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

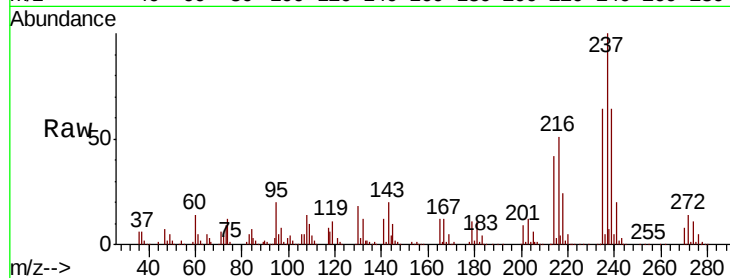
Tot Ion:237 Resp: 325716

Ion Ratio Lower Upper

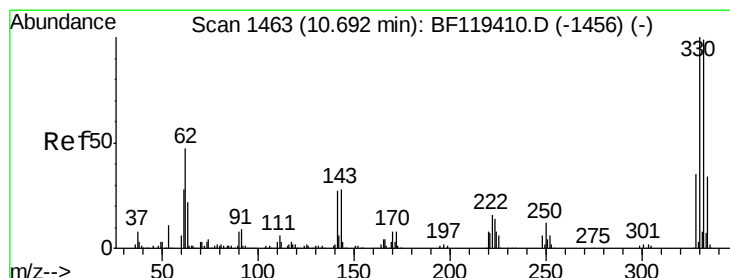
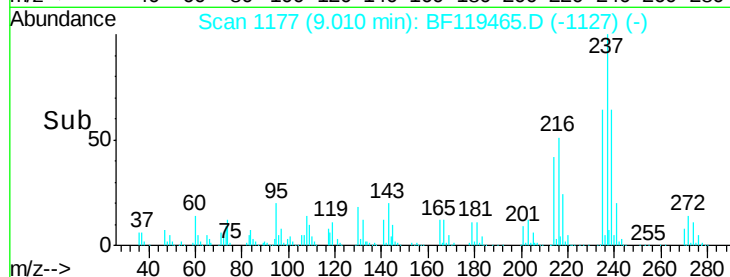
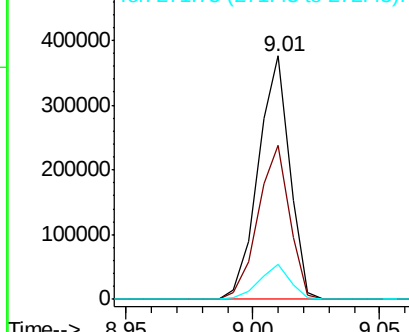
237 100

235 63.5 42.5 82.5

272 14.3 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 92.726 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

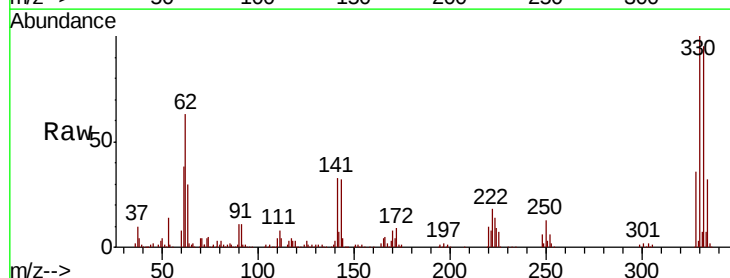
Tgt Ion:330 Resp: 447287

Ion Ratio Lower Upper

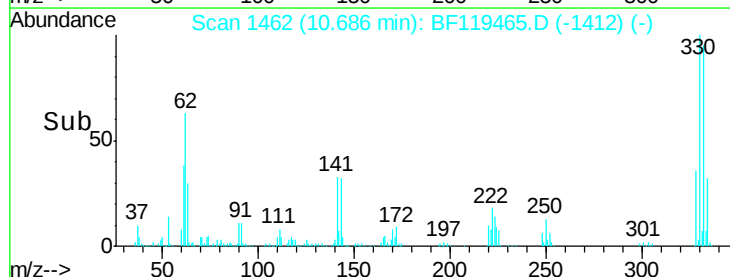
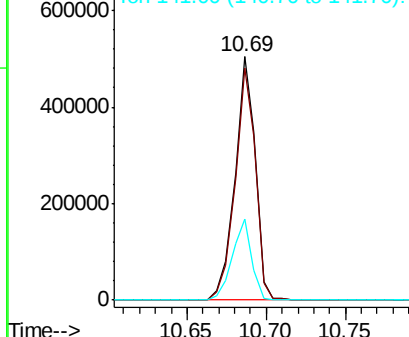
330 100

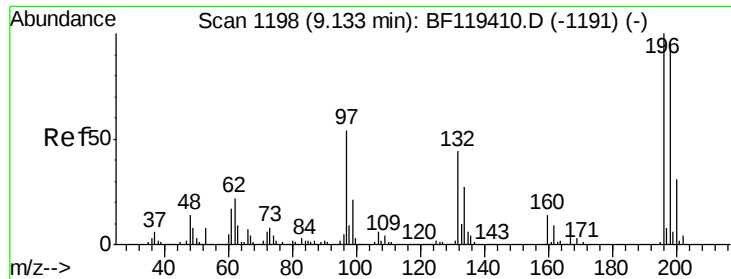
332 96.0 77.6 116.4

141 32.1 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

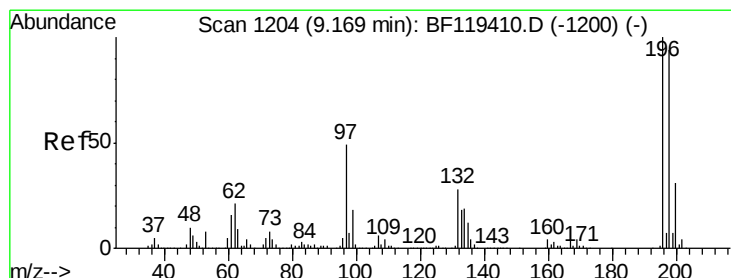
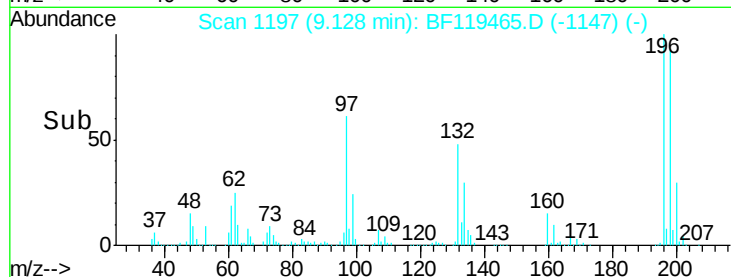
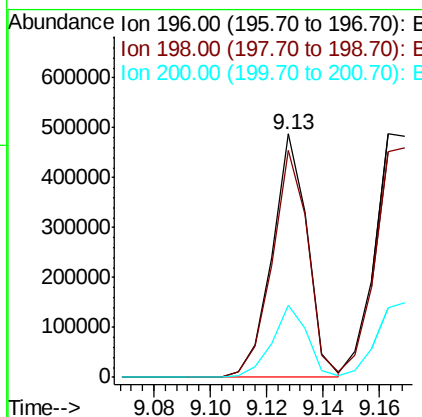
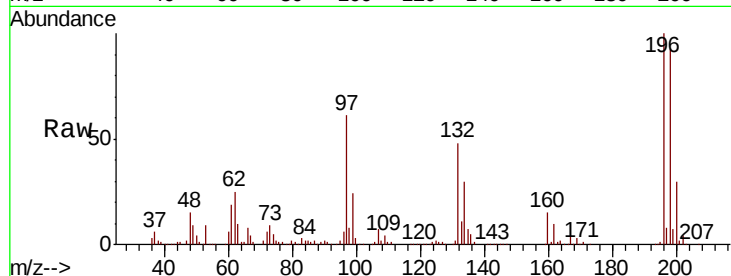




#43
 2,4,6-Trichlorophenol
 Concen: 42.917 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

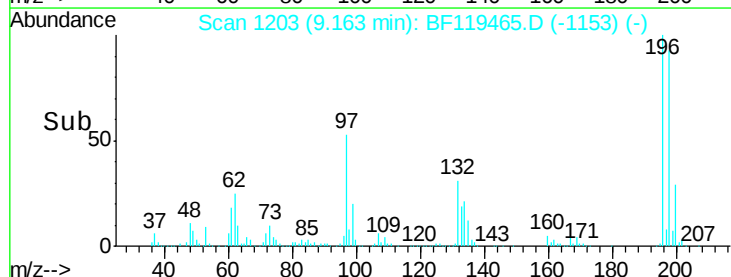
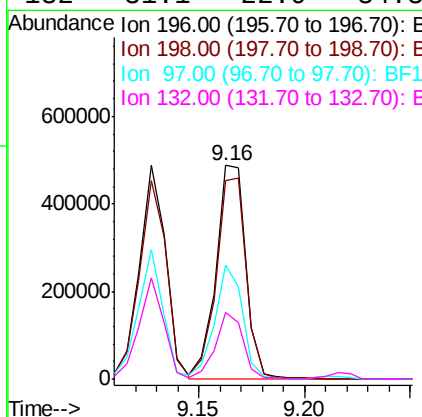
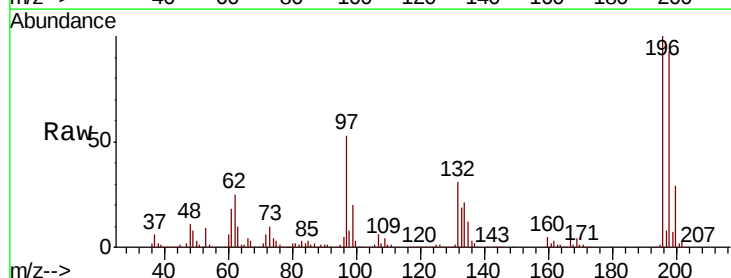
Instrument :
 BNA_F
 ClientSampleId :

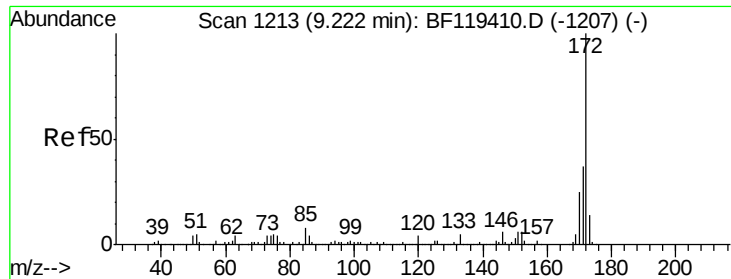
Tot Ion:196 Resp: 420906
 Ion Ratio Lower Upper
 196 100
 198 93.2 77.0 115.4
 200 29.6 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 43.461 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion:196 Resp: 477493
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.3 112.9
 97 53.2 39.0 58.4
 132 31.1 22.9 34.3



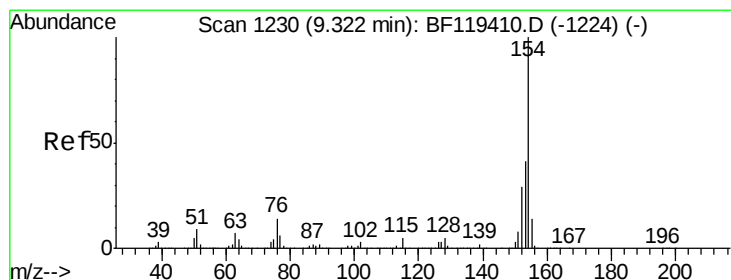
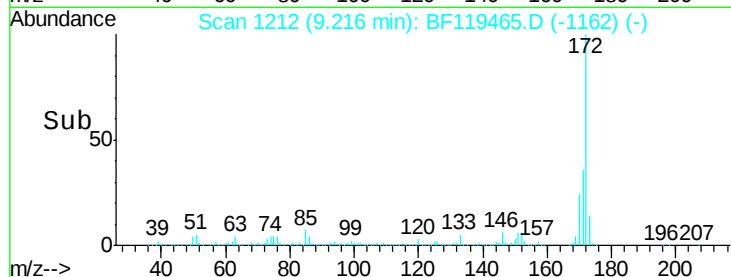
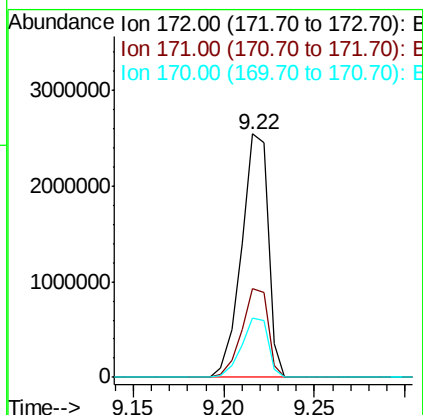
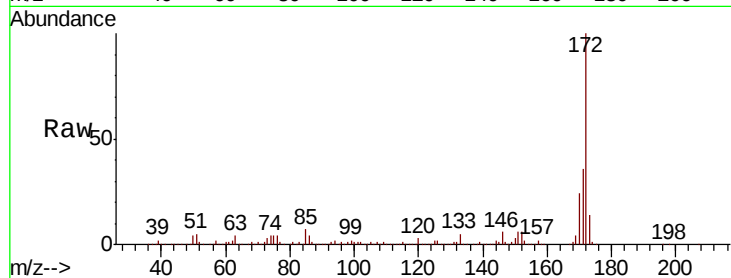


#45
 2-Fluorobiphenyl
 Concen: 82.402 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2600706

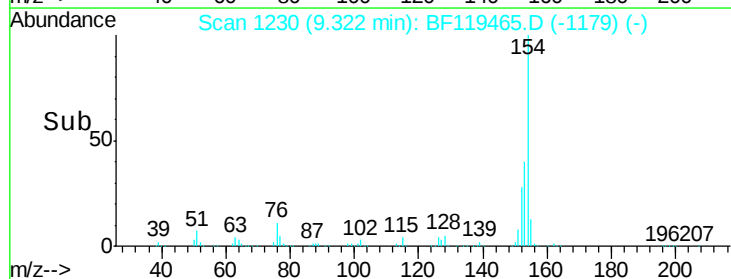
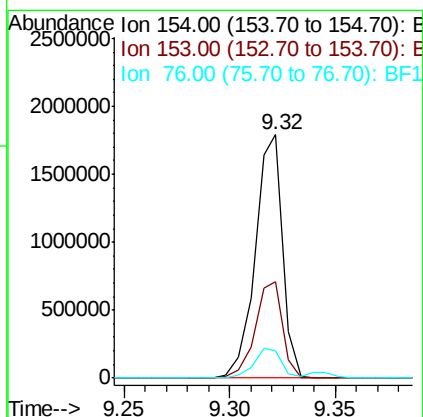
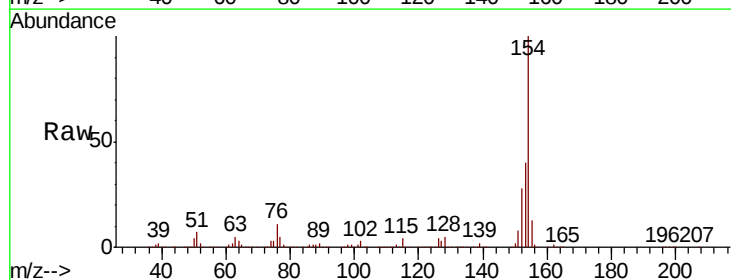
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.5	20.1	30.1

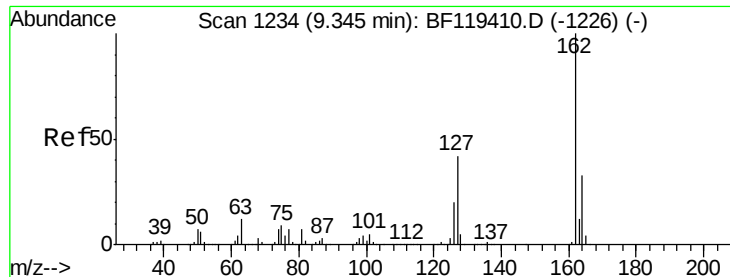


#46
 1,1'-Biphenyl
 Concen: 42.129 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion:154 Resp: 1604329

Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.4	61.4
76	11.4	0.0	33.6

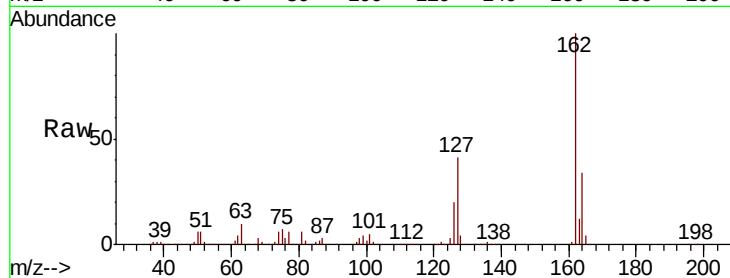




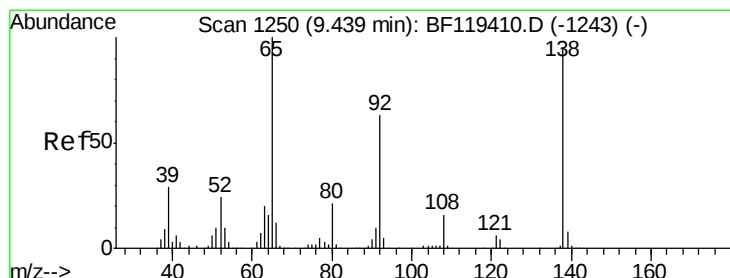
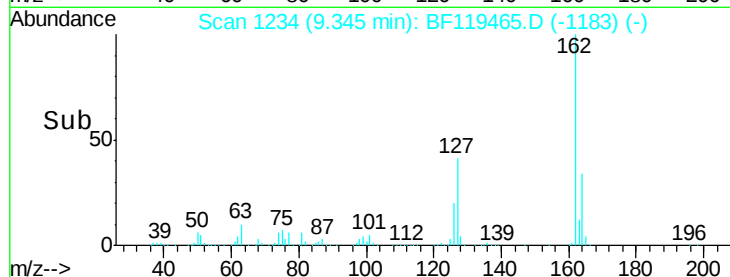
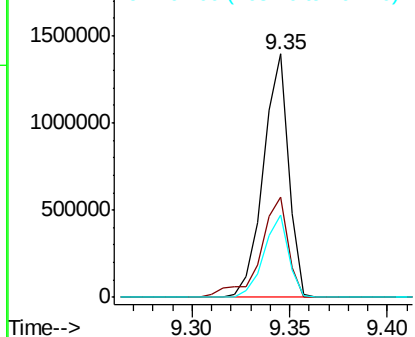
#47
2-Chloronaphthalene
Concen: 41.867 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1248869
Ion Ratio Lower Upper
162 100
127 41.0 33.7 50.5
164 33.8 26.2 39.4

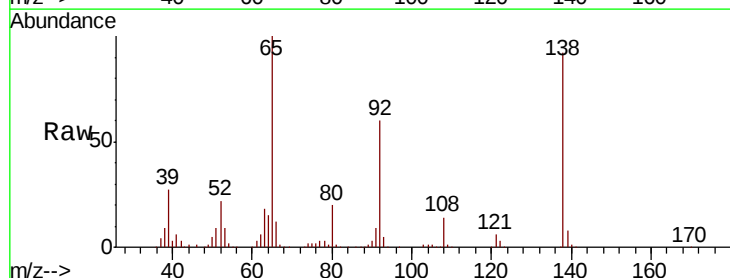


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

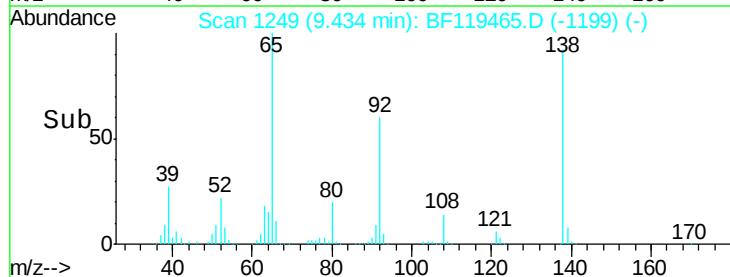
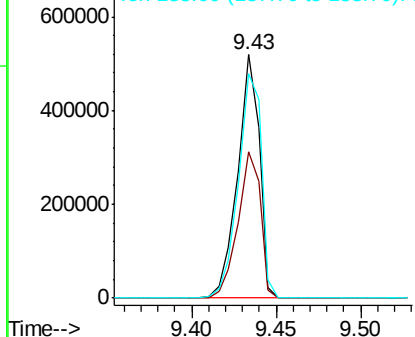


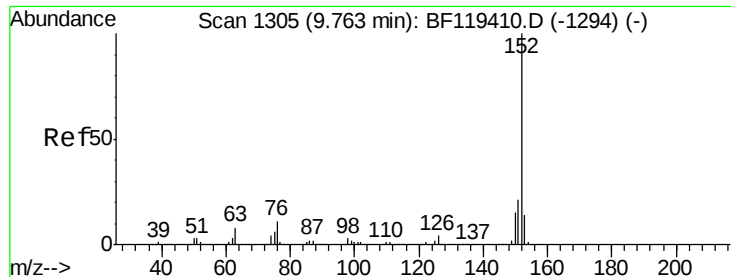
#48
2-Nitroaniline
Concen: 45.338 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion: 65 Resp: 466801
Ion Ratio Lower Upper
65 100
92 59.9 50.5 75.7
138 92.0 75.8 113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.510 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

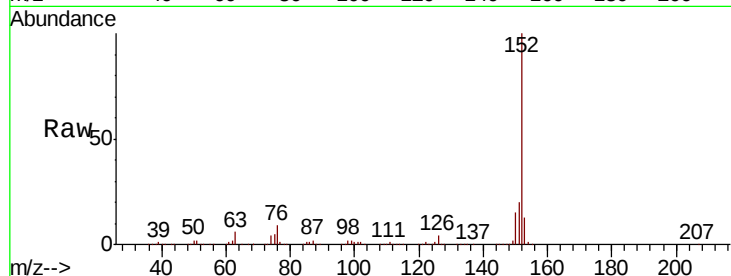
Tot Ion:152 Resp: 1944471

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.4	11.2	16.8

152 100

151 20.4 16.8 25.2

153 13.4 11.2 16.8

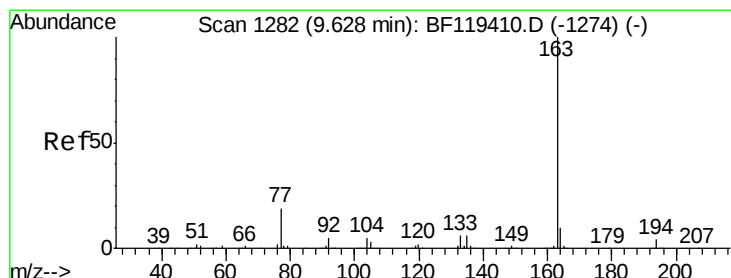
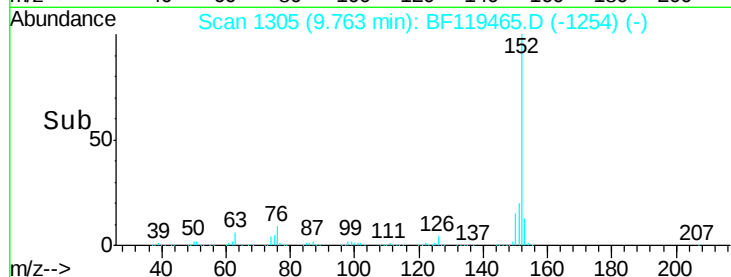
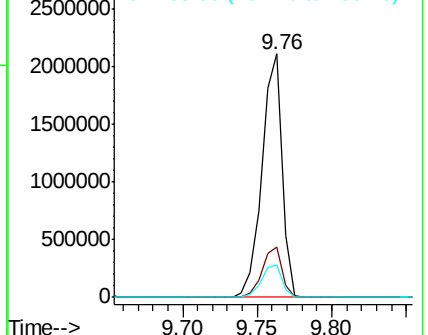


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.532 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

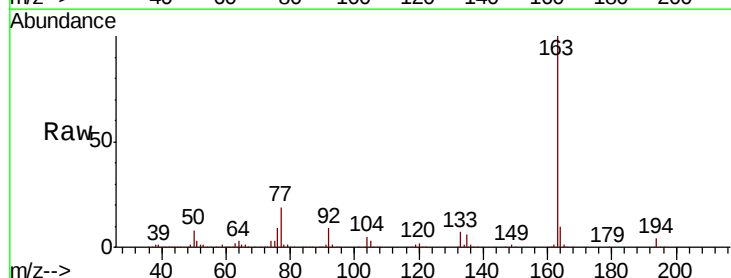
Tgt Ion:163 Resp: 1412565

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.1	12.1

163 100

194 4.1 3.2 4.8

164 10.2 8.1 12.1

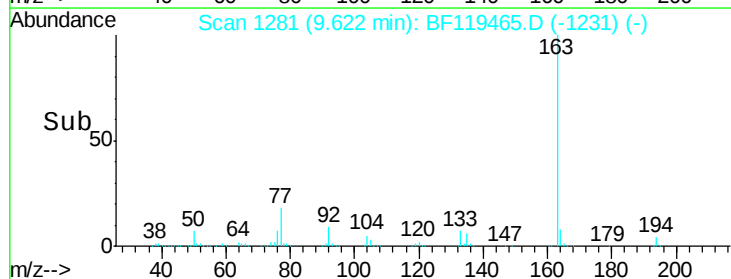
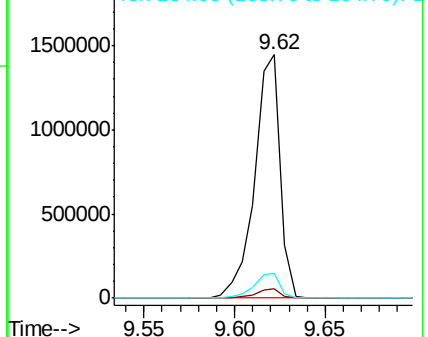


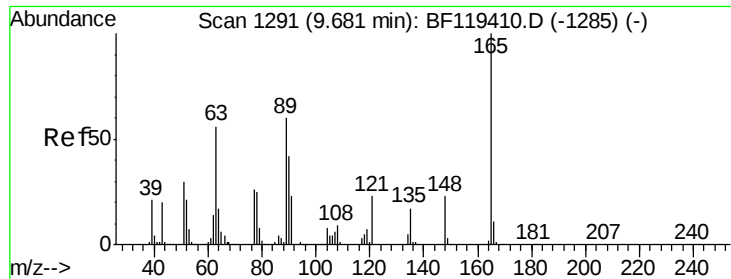
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.196 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampled :

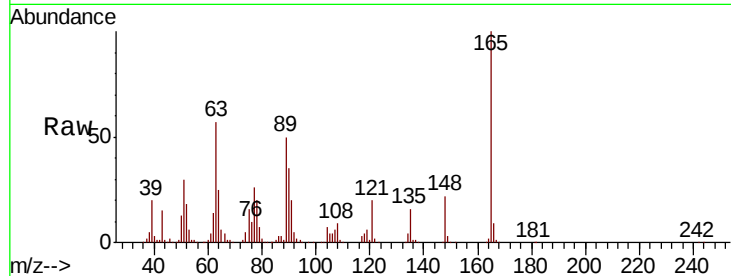
Tot Ion:165 Resp: 321734

Ion Ratio Lower Upper

165 100

63 56.6 57.3 85.9#

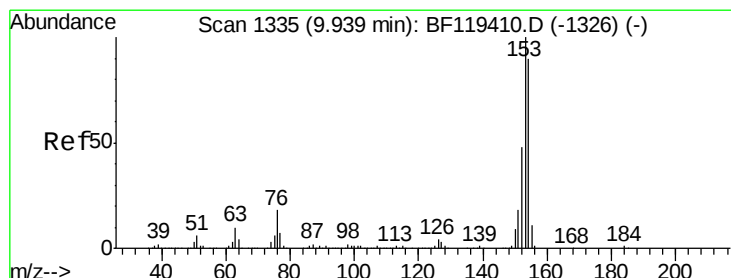
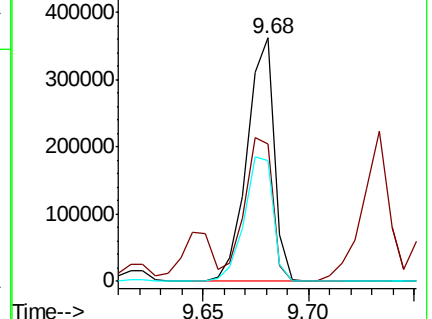
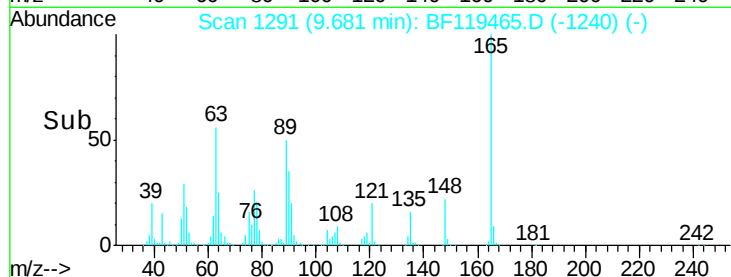
89 49.8 47.8 71.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.659 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

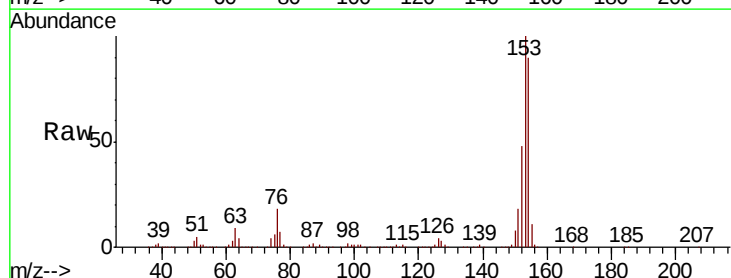
Tgt Ion:154 Resp: 1245745

Ion Ratio Lower Upper

154 100

153 111.1 89.0 133.6

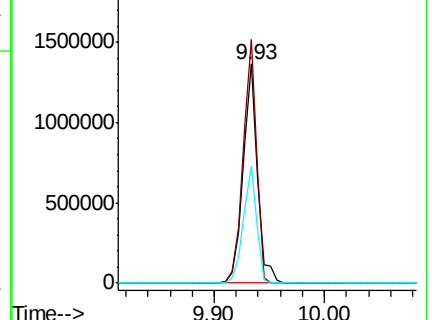
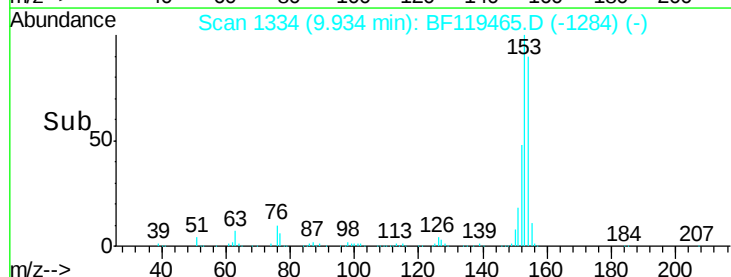
152 53.4 43.1 64.7

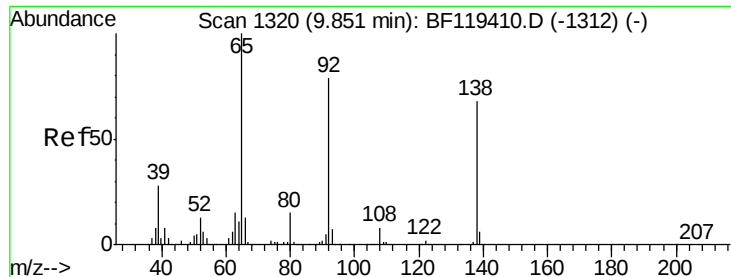


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

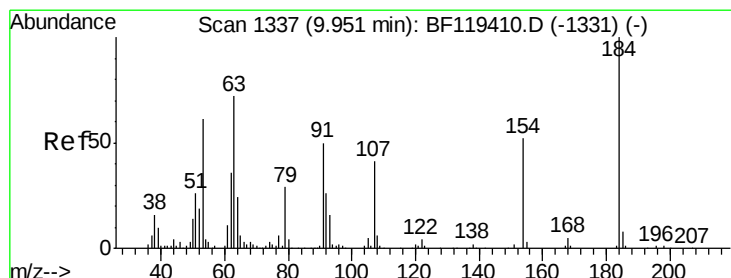
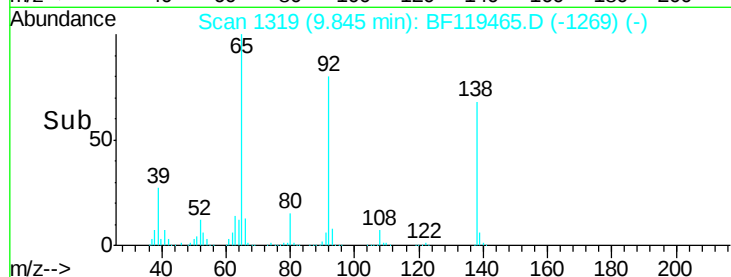
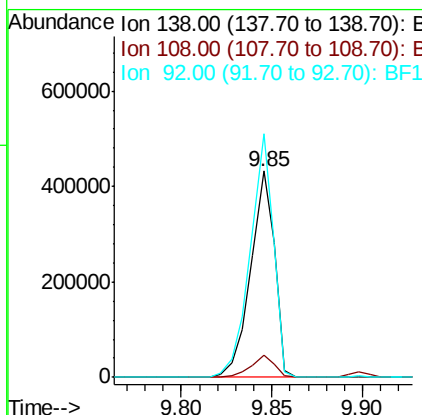
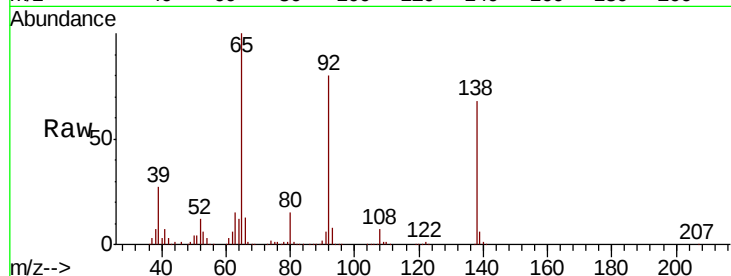




#53
3-Nitroaniline
Concen: 44.117 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

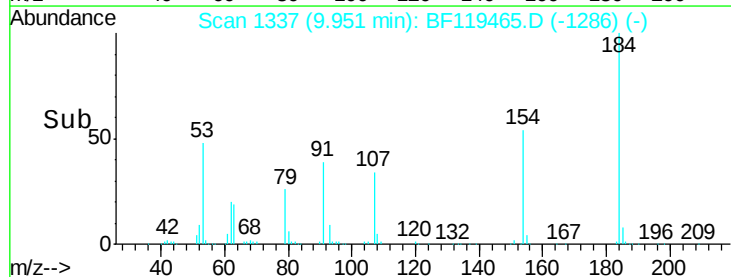
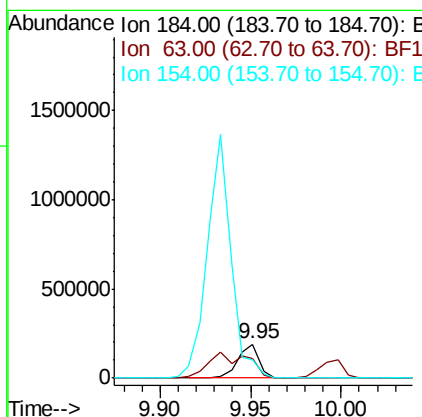
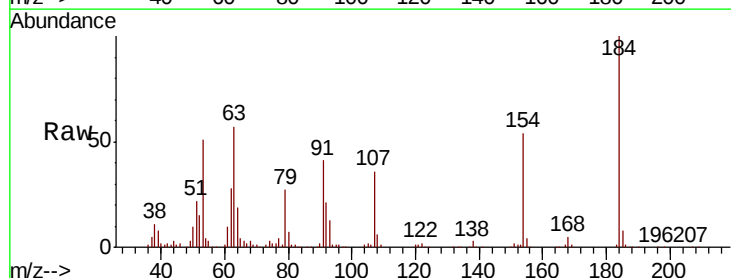
Instrument :
BNA_F
ClientSampleId :

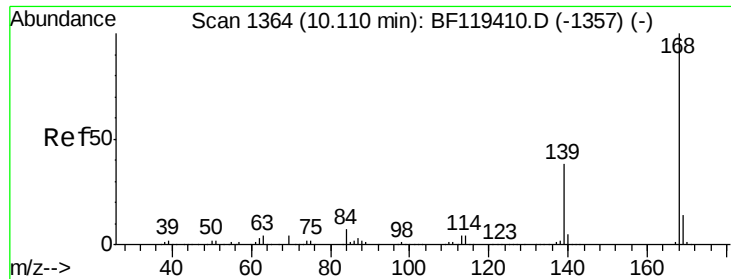
Tot Ion:138 Resp: 396494
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.6
92 118.0 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 52.270 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:184 Resp: 152463
Ion Ratio Lower Upper
184 100
63 56.8 58.5 87.7#
154 53.9 51.8 77.6

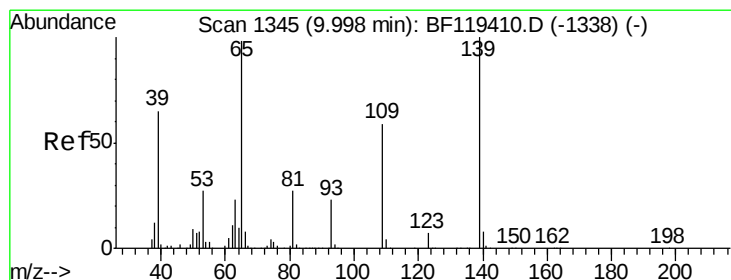
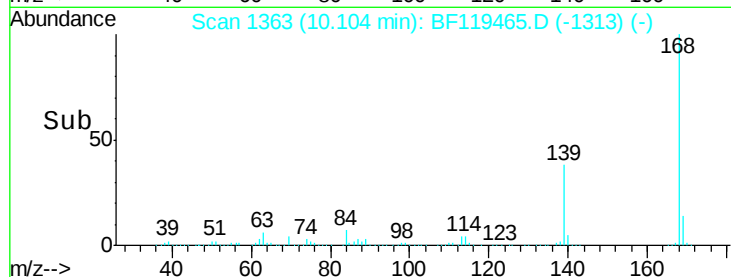
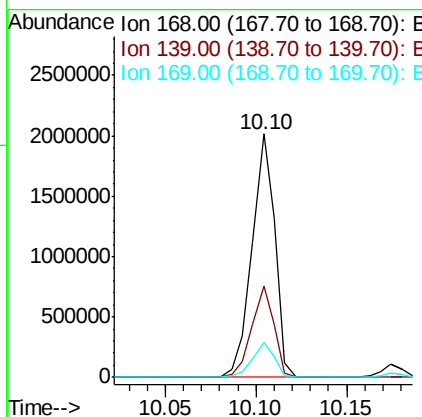
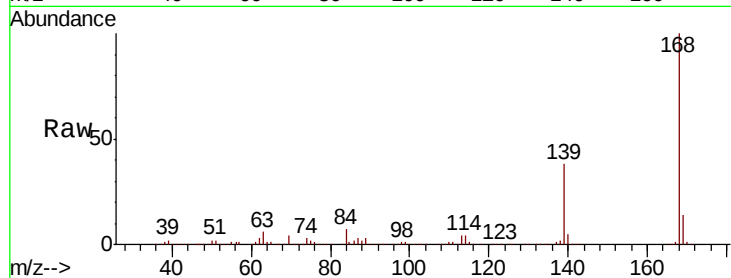




#55
Dibenzofuran
Concen: 42.043 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

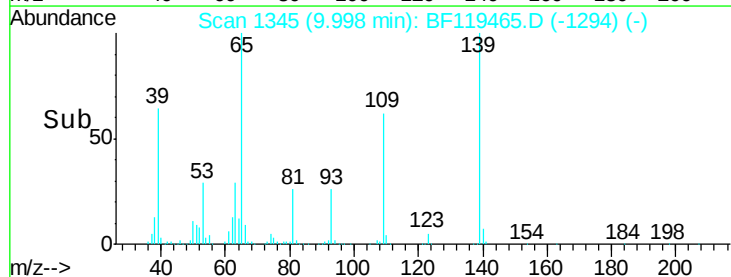
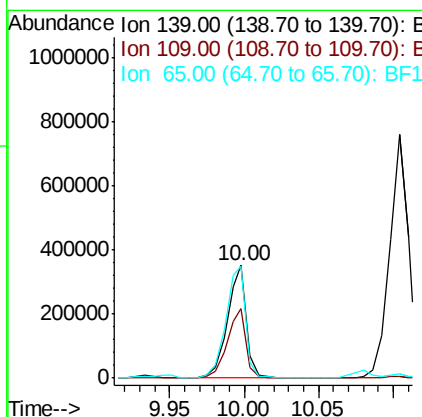
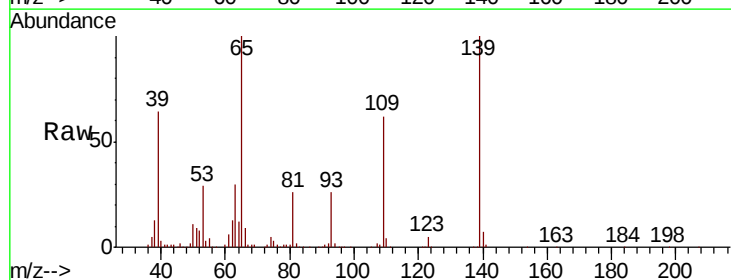
Instrument :
BNA_F
ClientSampled :

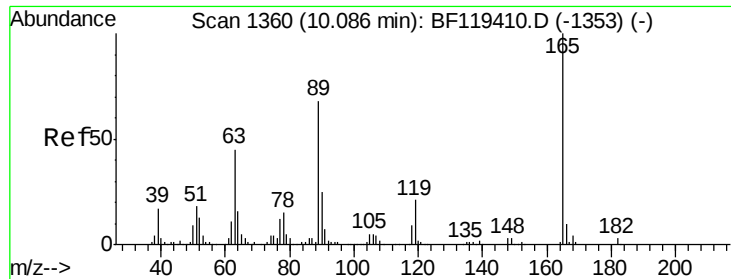
Tot Ion:168 Resp: 1760286
Ion Ratio Lower Upper
168 100
139 37.7 30.2 45.4
169 14.1 11.1 16.7



#56
4-Nitrophenol
Concen: 44.566 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:139 Resp: 315961
Ion Ratio Lower Upper
139 100
109 62.0 39.6 79.6
65 99.8 78.3 118.3

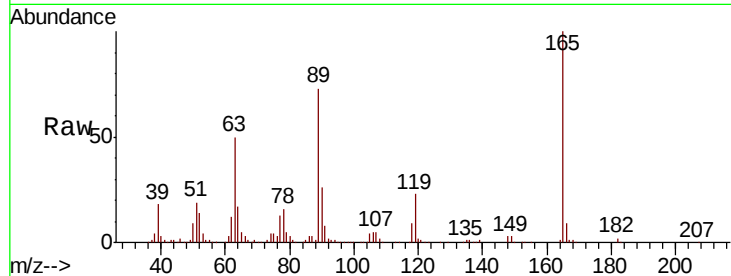




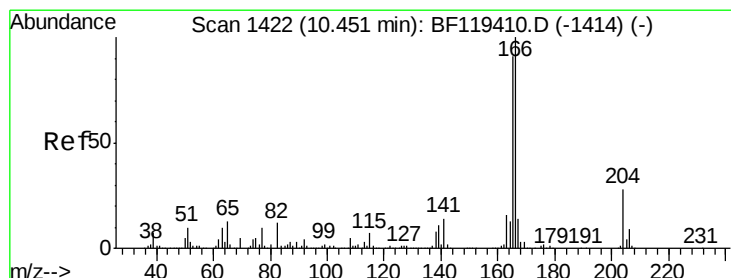
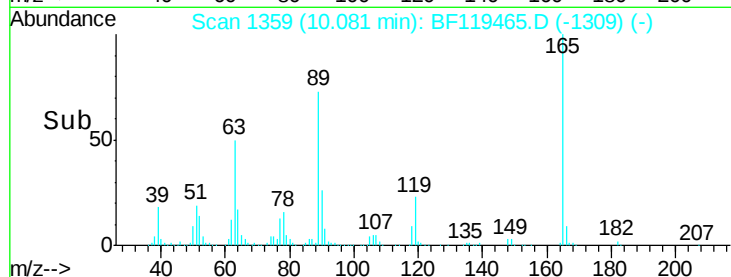
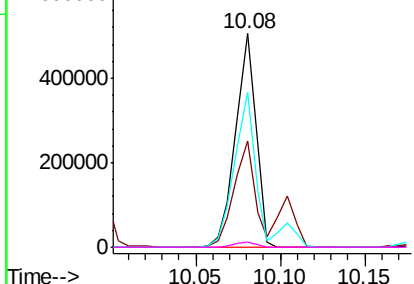
#57
 2,4-Dinitrotoluene
 Concen: 47.471 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	425705
Ion	Ratio	Lower	Upper
165	100		
63	49.6	36.2	54.4
89	72.7	54.3	81.5
182	2.1	2.0	3.0

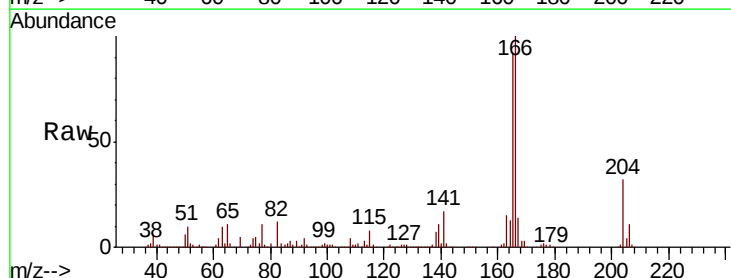


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

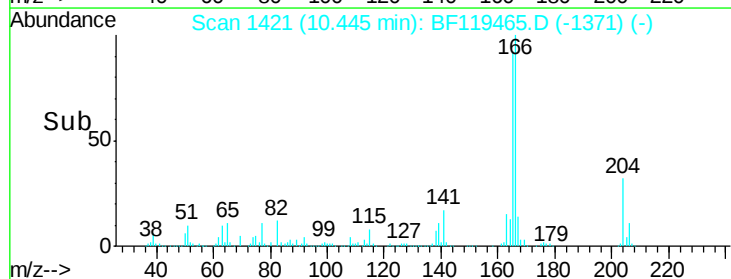
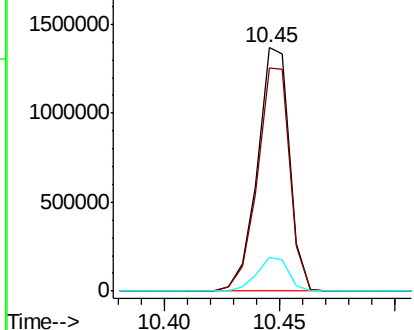


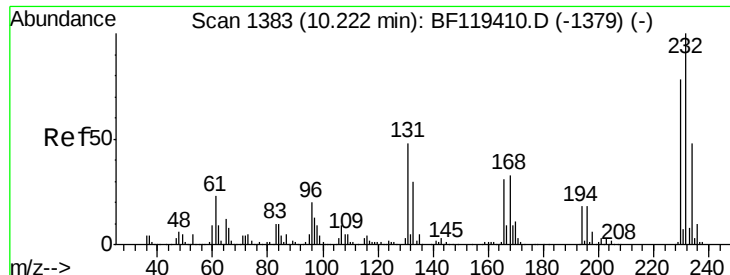
#58
 Fluorene
 Concen: 42.797 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion:	166	Resp:	1325053
Ion	Ratio	Lower	Upper
166	100		
165	91.6	73.1	109.7
167	13.9	11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

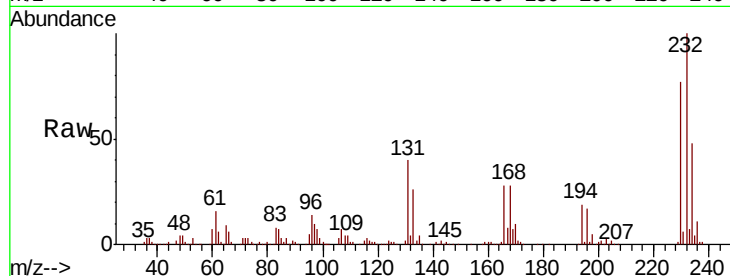




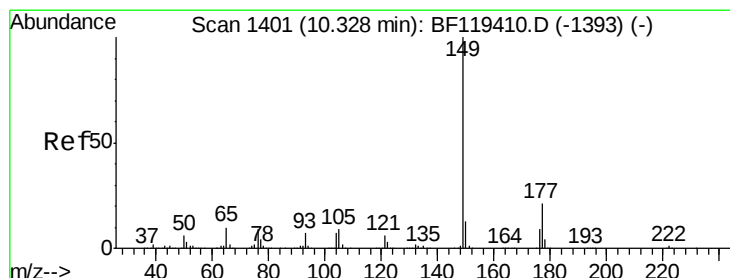
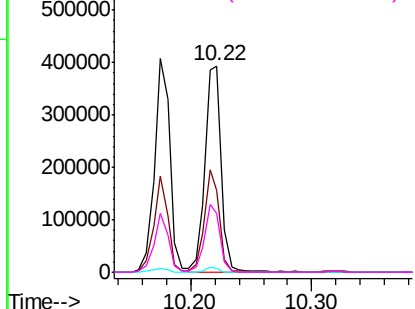
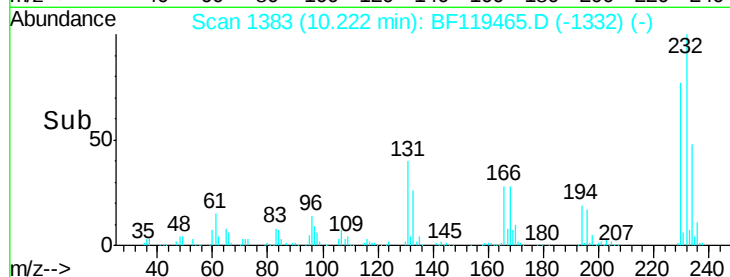
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.712 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 367191
 Ion Ratio Lower Upper
 232 100
 131 45.6 36.3 54.5
 130 2.0 1.8 2.6
 166 30.8 24.9 37.3

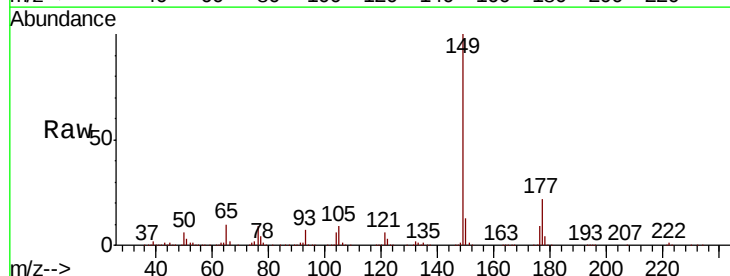


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

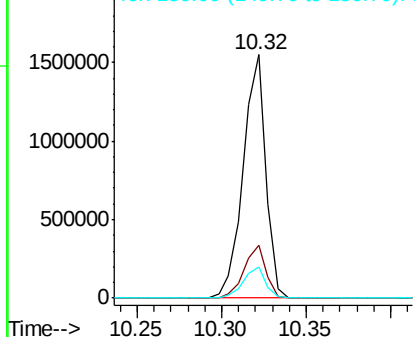
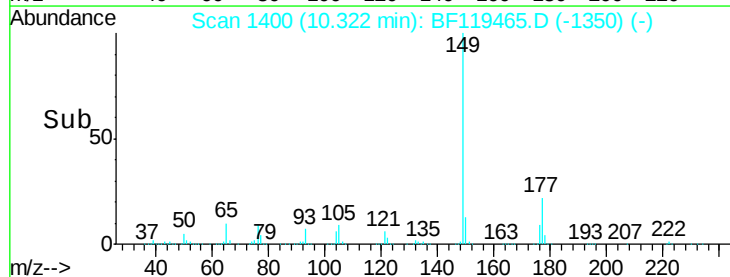


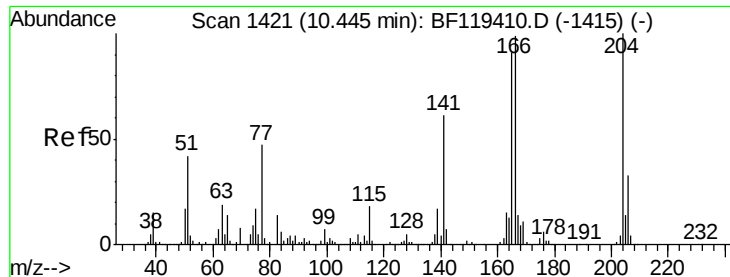
#60
 Diethylphthalate
 Concen: 42.845 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion:149 Resp: 1444210
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.0 25.6
 150 13.0 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

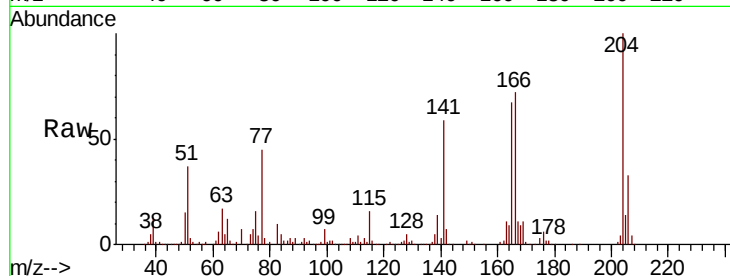




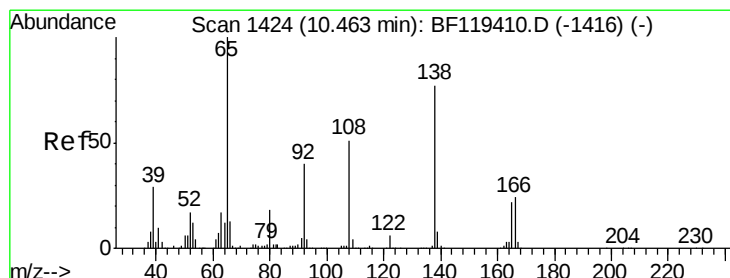
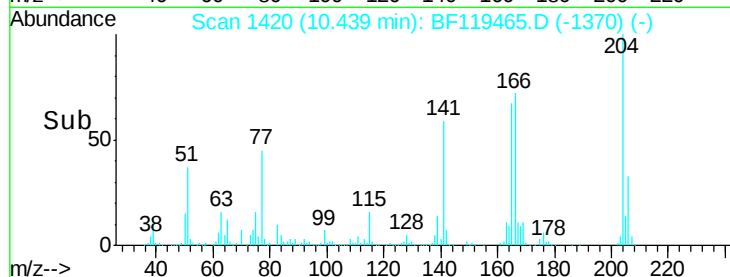
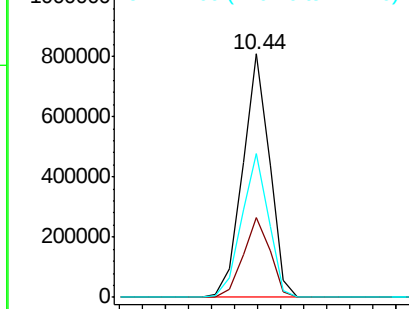
#61
4-Chlorophenyl-phenylether
Concen: 43.312 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 655779
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 58.8 48.8 73.2

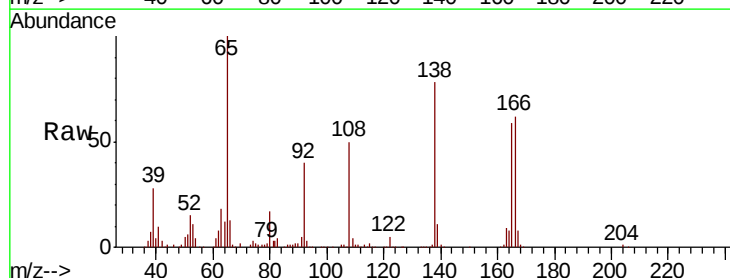


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

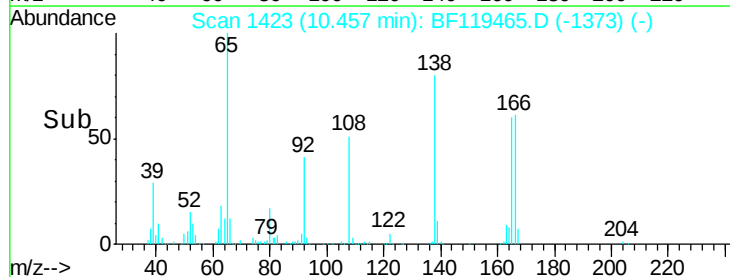
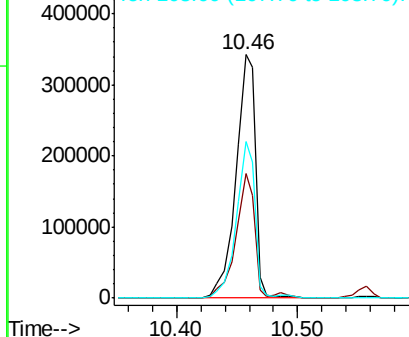


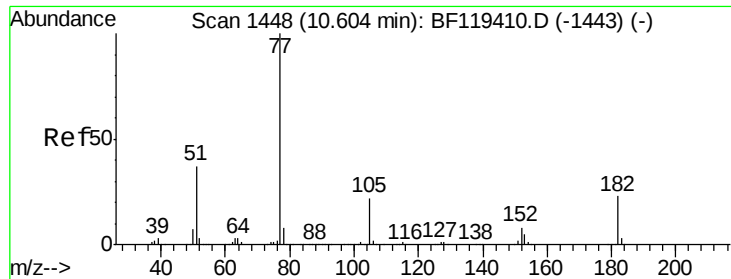
#62
4-Nitroaniline
Concen: 44.866 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:138 Resp: 386666
Ion Ratio Lower Upper
138 100
92 51.4 32.0 72.0
108 64.3 46.0 86.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.118 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1395726

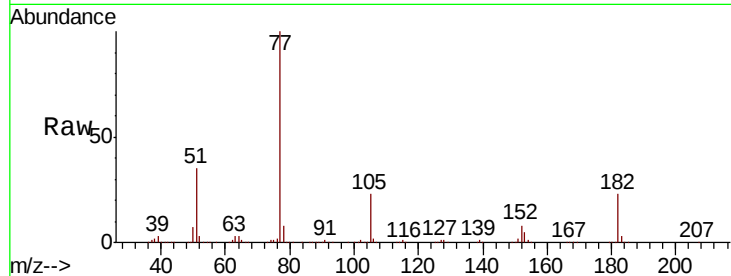
Ion	Ratio	Lower	Upper
77	100		
182	23.2	2.5	42.5
105	22.7	2.5	42.5
51	35.2	17.1	57.1

77 100

182 23.2 2.5 42.5

105 22.7 2.5 42.5

51 35.2 17.1 57.1

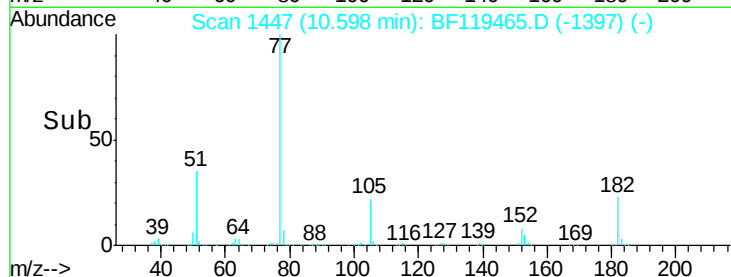


Abundance Ion 77.00 (76.70 to 77.70): BF1

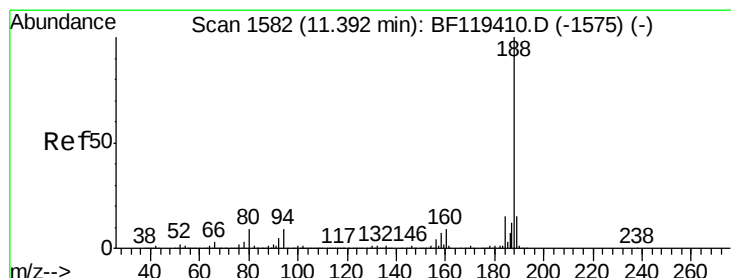
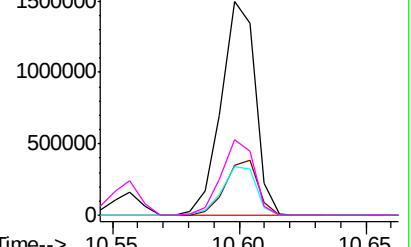
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

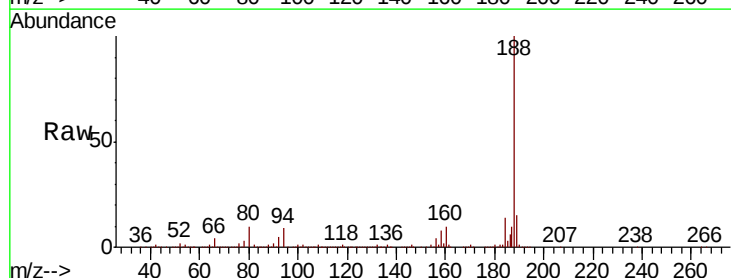
Tgt Ion: 188 Resp: 887021

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	9.7	7.5	11.3

188 100

94 9.2 7.1 10.7

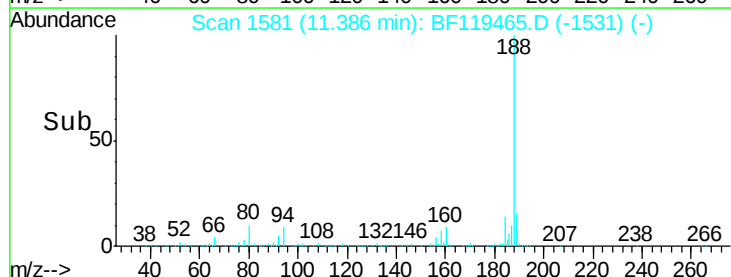
80 9.7 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): BF1

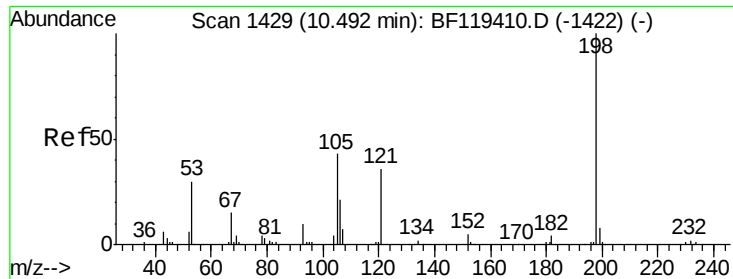
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

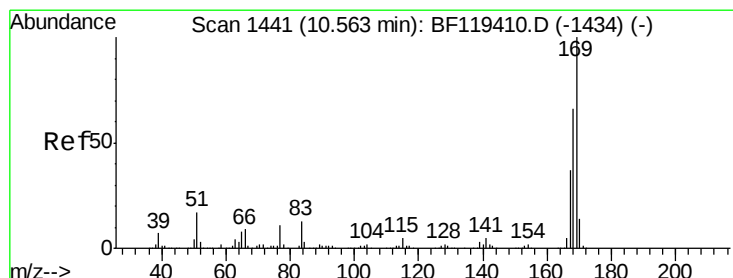
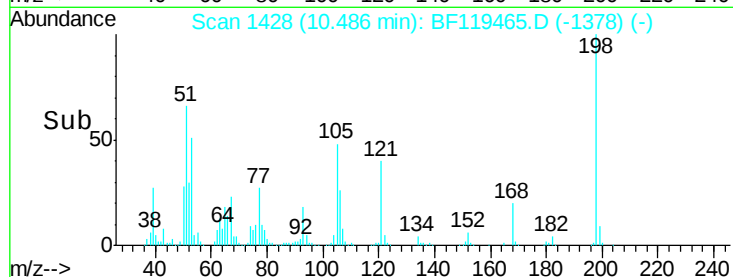
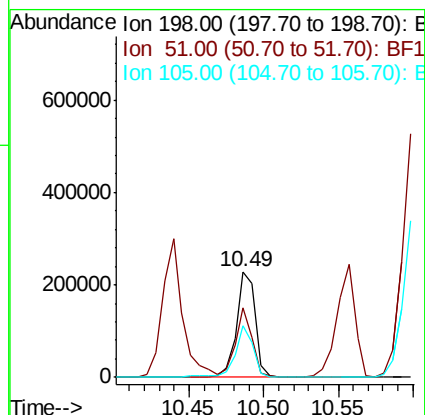
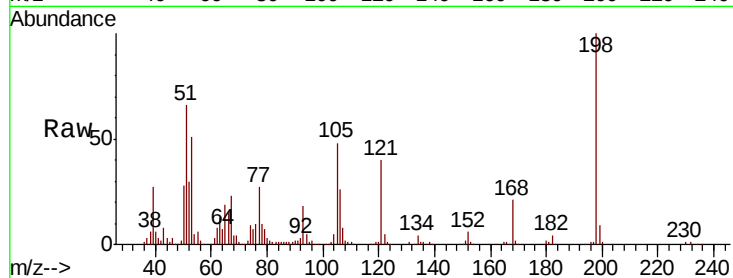




#65
4,6-Dinitro-2-methylphenol
Concen: 54.873 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

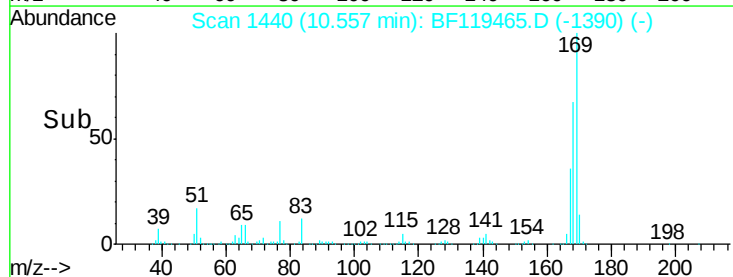
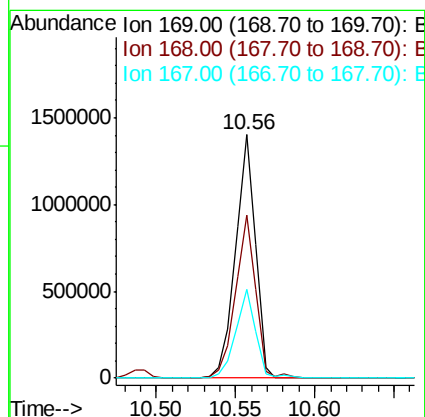
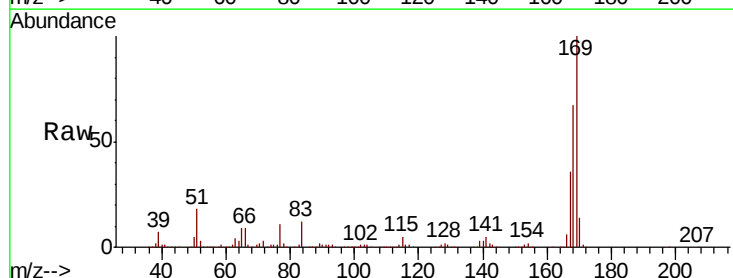
Instrument :
BNA_F
ClientSampleId :

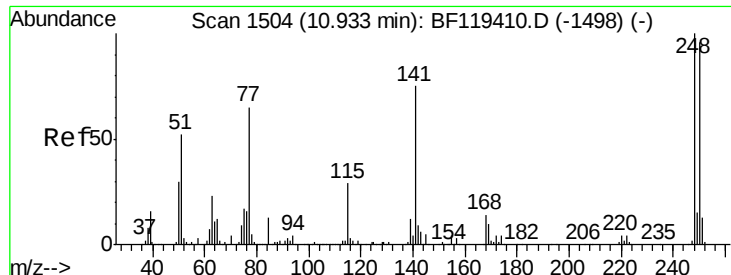
Tot Ion:198 Resp: 204100
Ion Ratio Lower Upper
198 100
51 65.6 33.1 73.1
105 48.4 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 42.144 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:169 Resp: 1227224
Ion Ratio Lower Upper
169 100
168 66.9 52.7 79.1
167 36.4 29.3 43.9

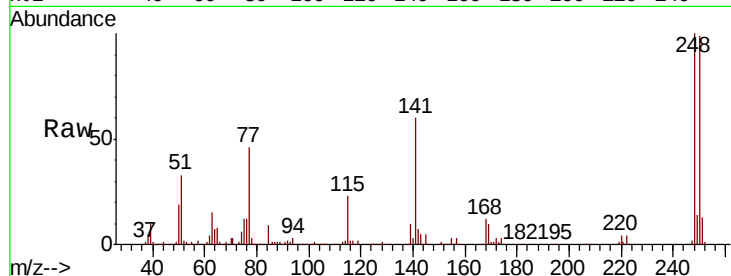




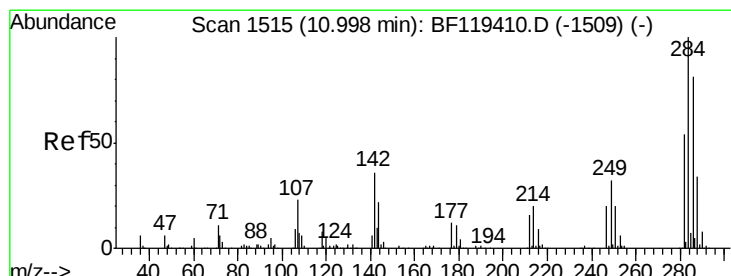
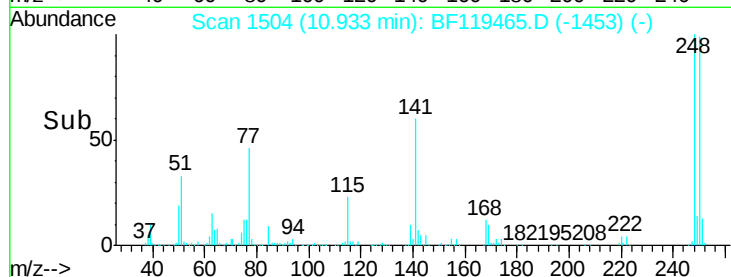
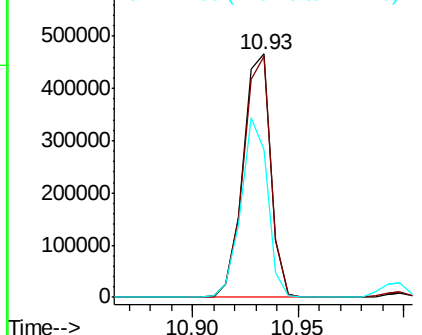
#67
4-Bromophenyl-phenylether
Concen: 41.960 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 423882
Ion Ratio Lower Upper
248 100
250 99.2 77.0 115.6
141 60.4 59.7 89.5

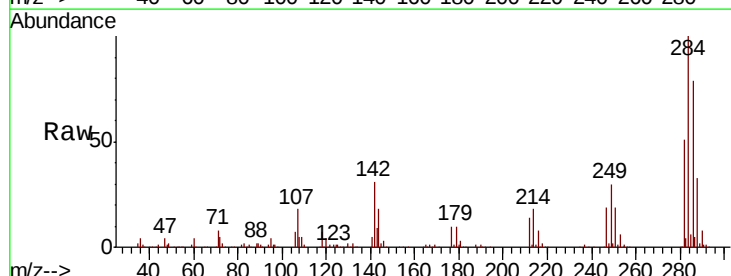


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

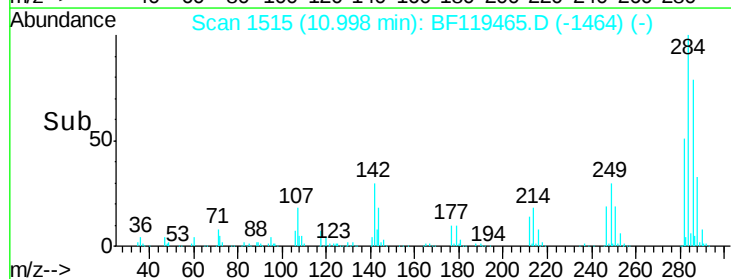
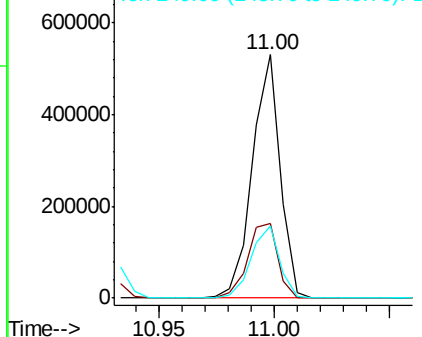


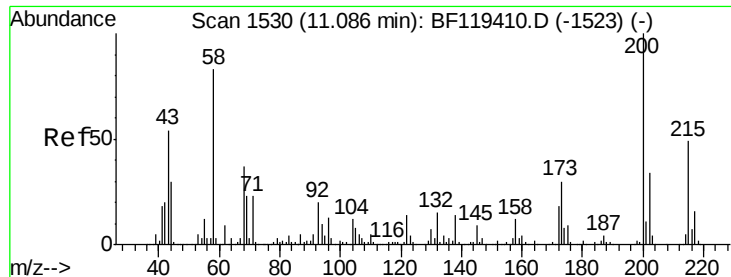
#68
Hexachlorobenzene
Concen: 43.123 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:284 Resp: 445856
Ion Ratio Lower Upper
284 100
142 30.5 28.7 43.1
249 29.8 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

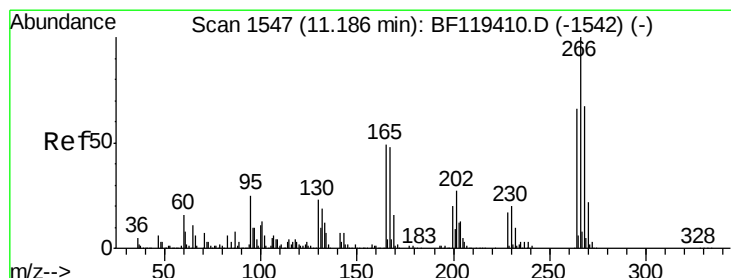
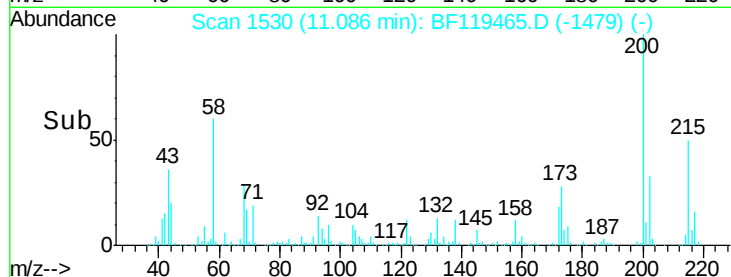
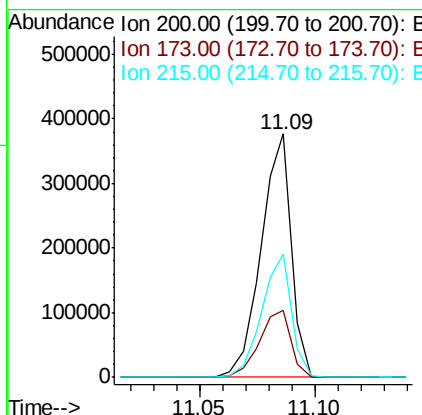
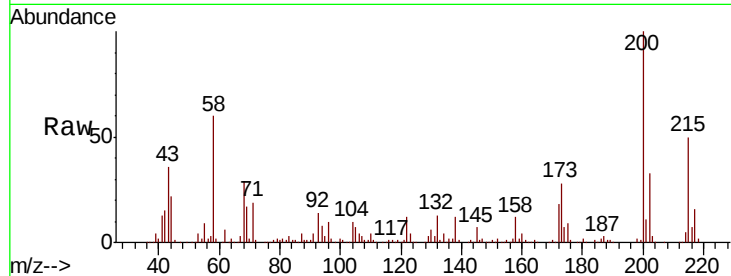




#69
 Atrazine
 Concen: 42.797 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

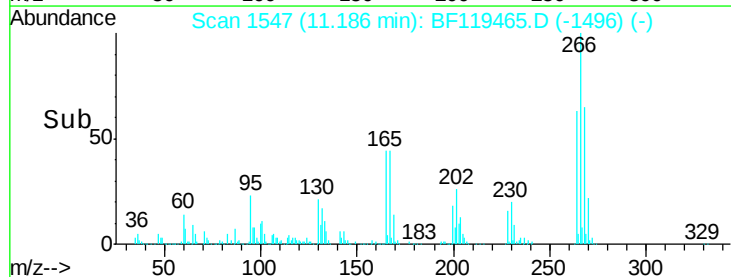
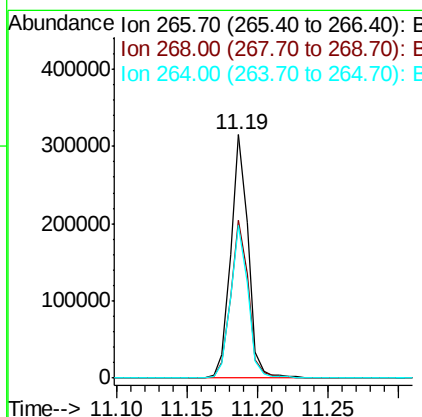
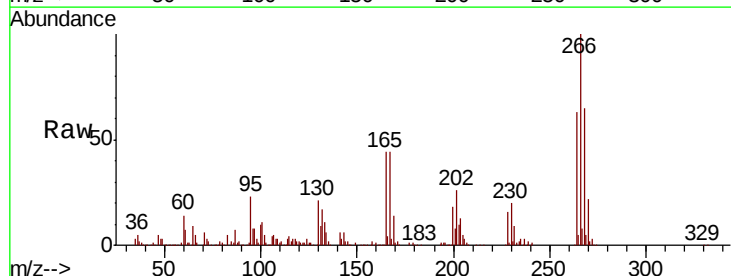
Instrument :
 BNA_F
 ClientSampled :

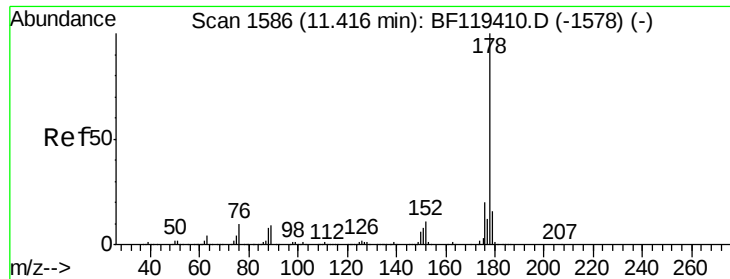
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	9.9	49.9
215	50.4	29.4	69.4



#70
 Pentachlorophenol
 Concen: 44.900 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	53.7	80.5
264	62.9	52.5	78.7





#71

Phenanthrene

Concen: 42.529 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

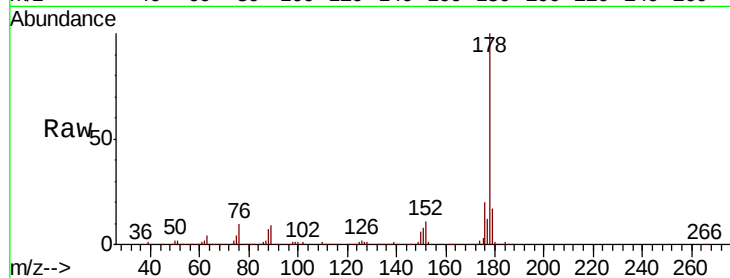
Tot Ion:178 Resp: 1956075

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

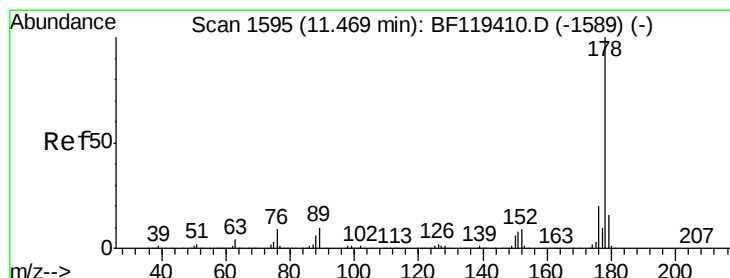
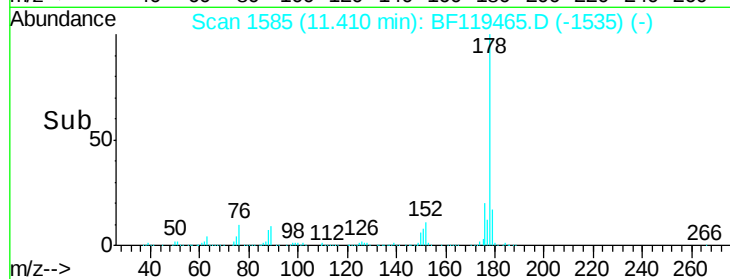
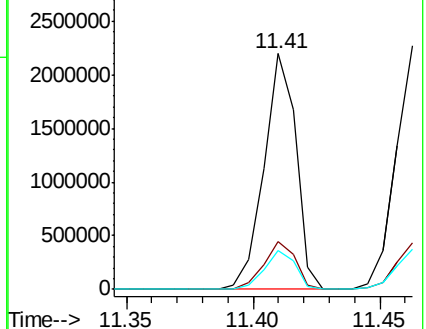
179 16.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.793 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

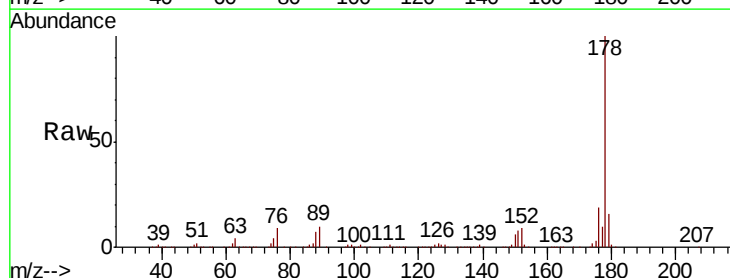
Tgt Ion:178 Resp: 2000409

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

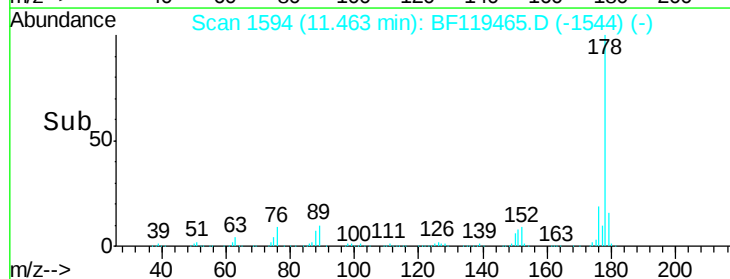
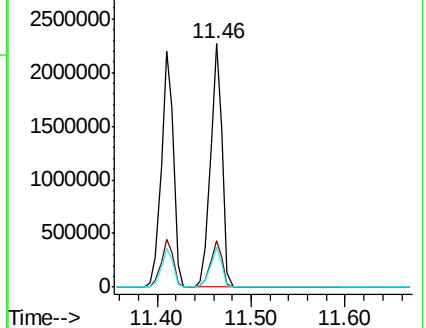
179 16.3 13.1 19.7

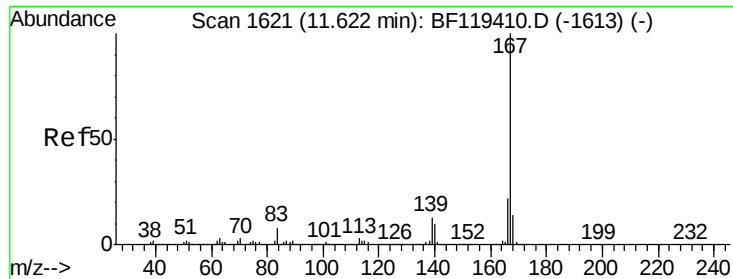


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



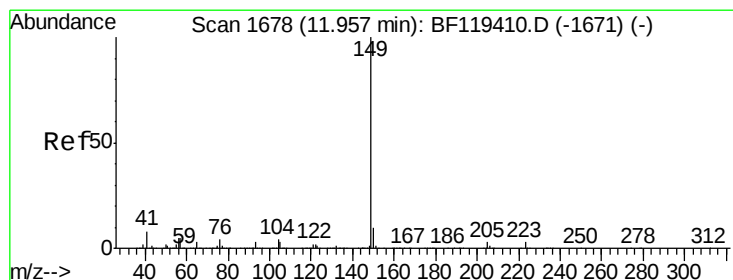
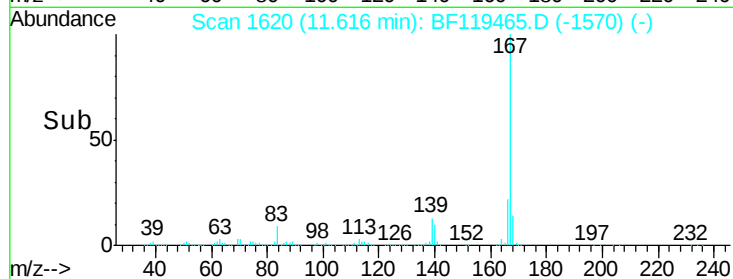
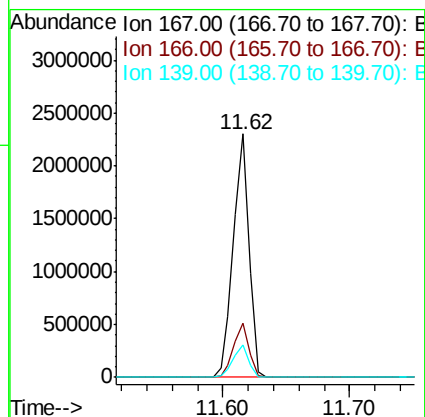
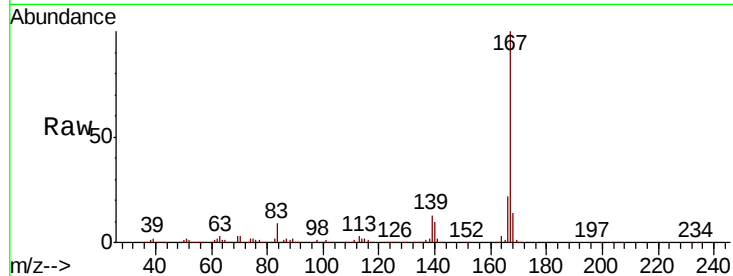


#73
 Carbazole
 Concen: 42.709 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1976123

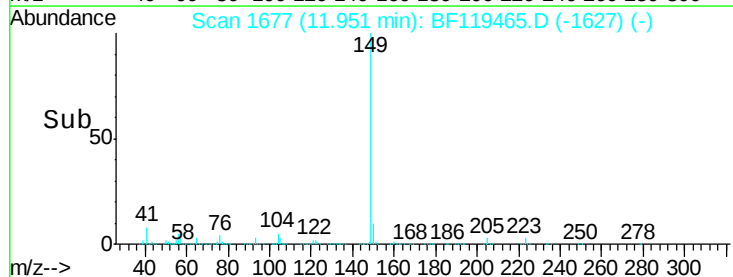
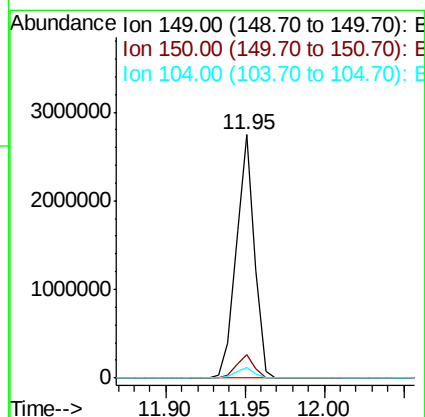
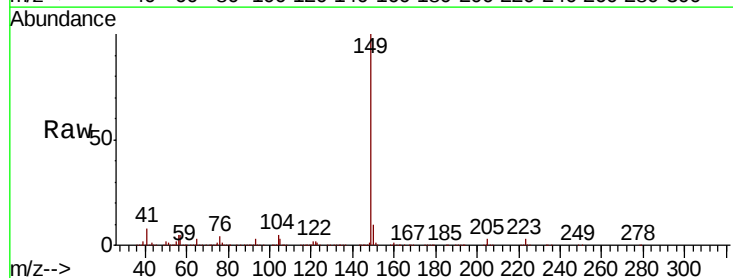
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.1	10.2	15.4

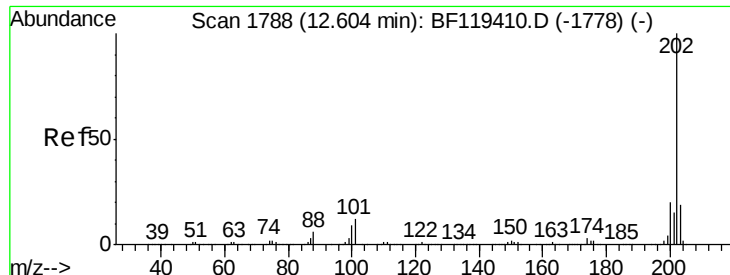


#74
 Di-n-butylphthalate
 Concen: 43.864 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion:149 Resp: 2171105

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	4.6	3.5	5.3

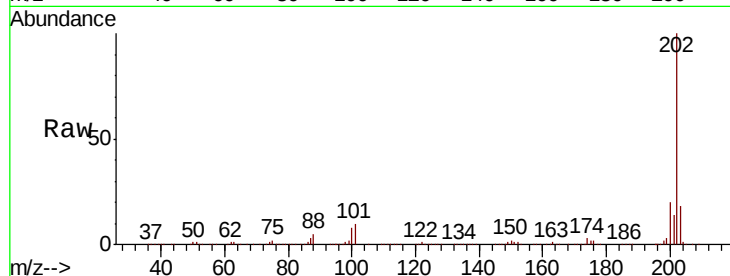




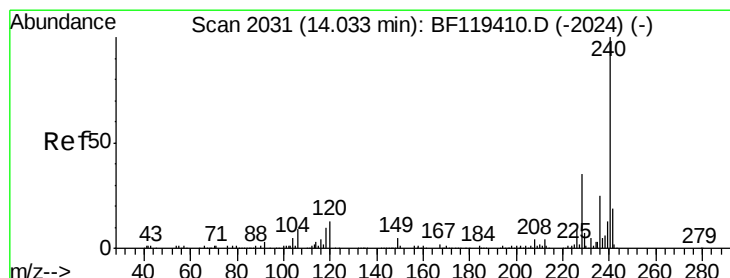
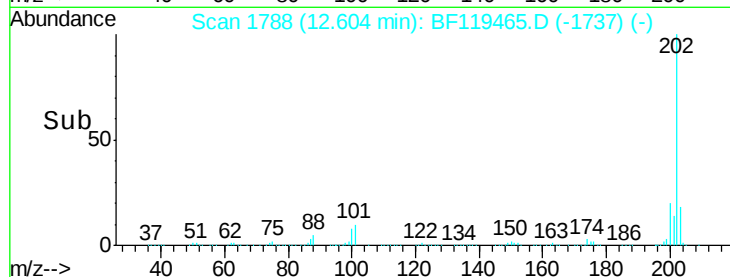
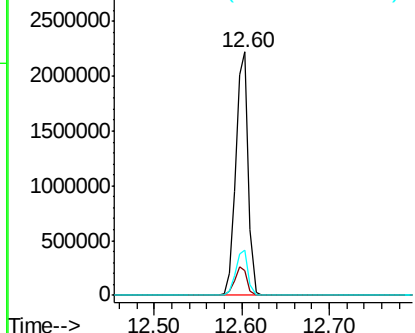
#75
 Fluoranthene
 Concen: 43.056 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2143213
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 32.4
 203 18.4 0.0 38.5

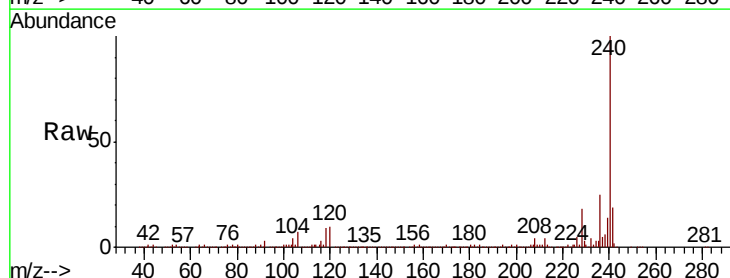


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

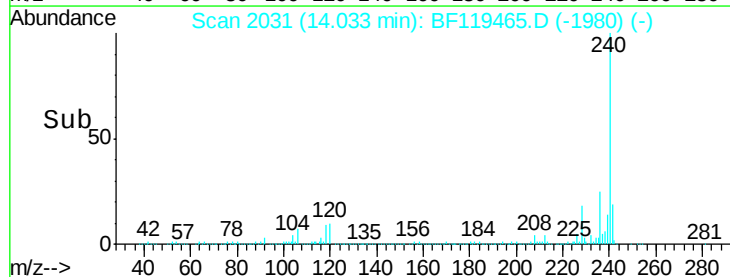
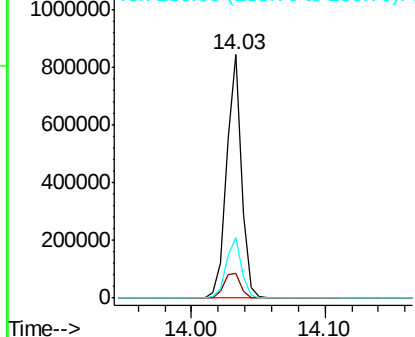


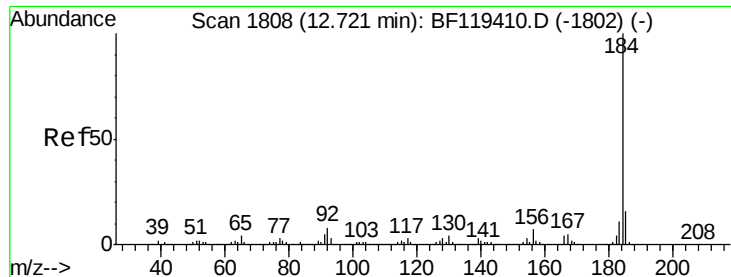
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion:240 Resp: 660163
 Ion Ratio Lower Upper
 240 100
 120 10.1 10.2 15.4#
 236 25.0 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.304 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

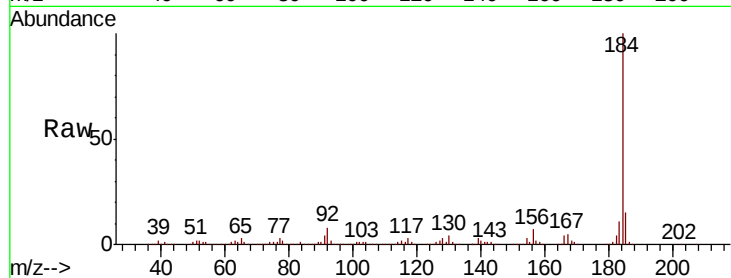
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1126018

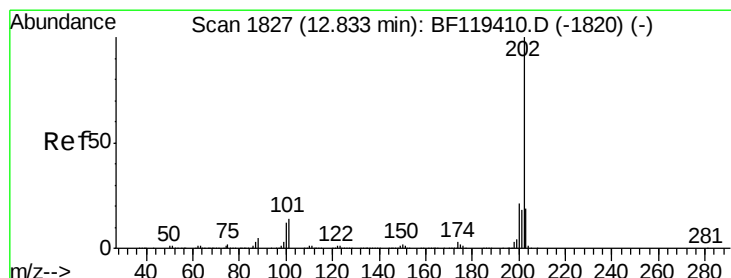
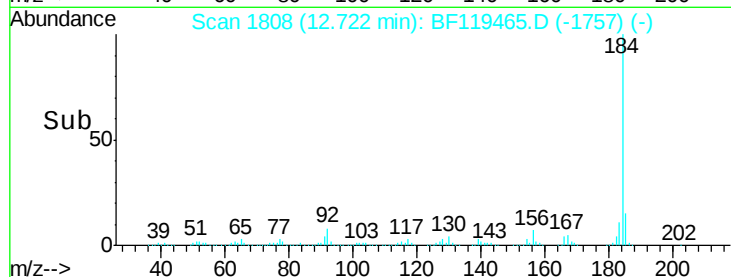
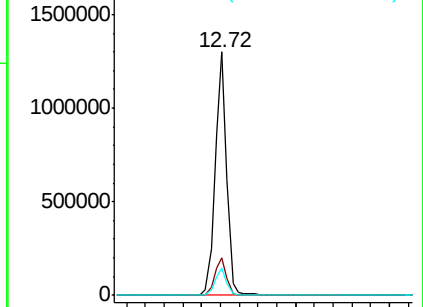
Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.9	19.3
183	11.1	9.0	13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.282 ng

RT: 12.83 min Scan# 1827

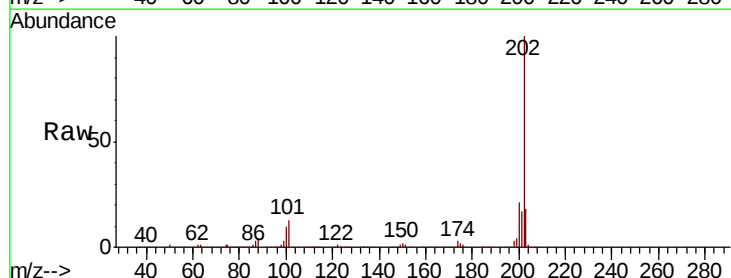
Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Tgt Ion:202 Resp: 2182411

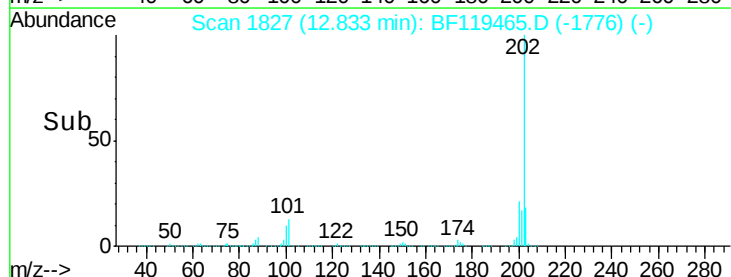
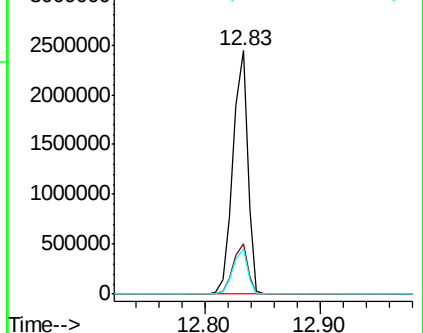
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.8	25.2
203	18.5	14.8	22.2

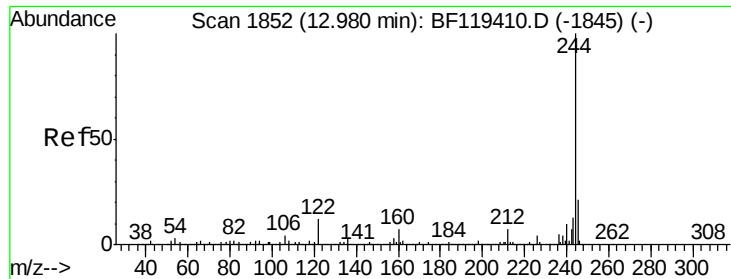


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.337 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

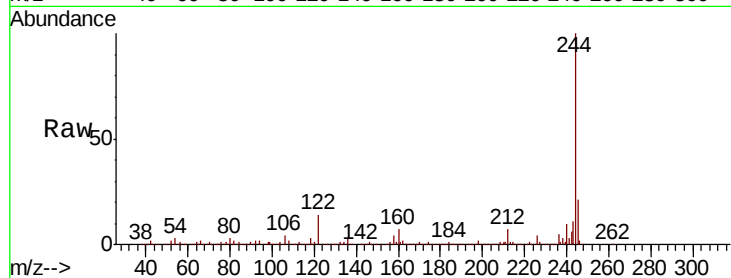
Tot Ion:244 Resp: 2774384

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

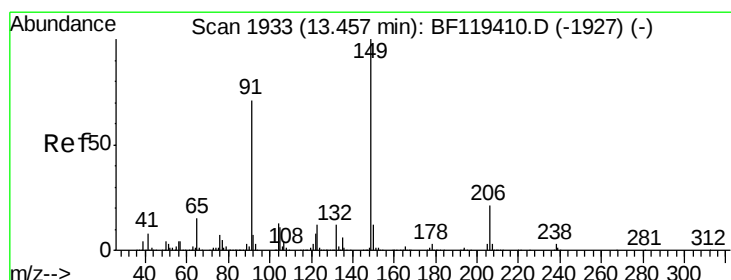
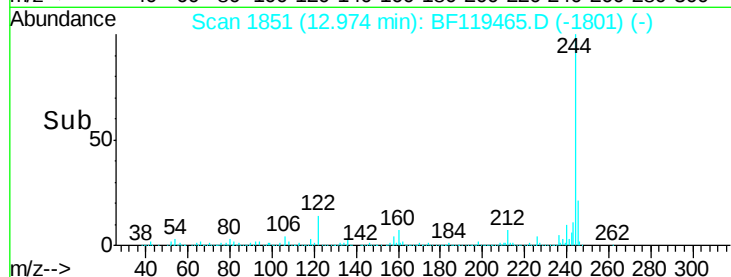
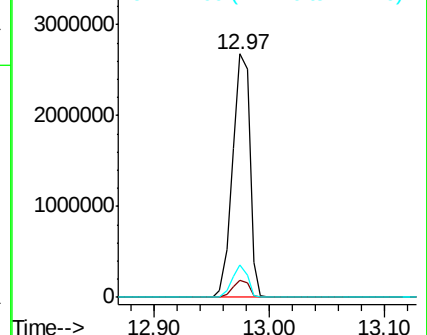
122 13.6 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.687 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

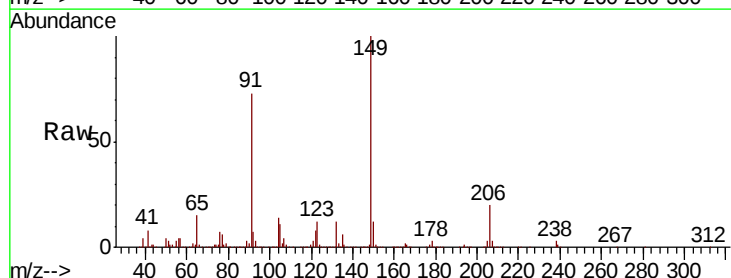
Tgt Ion:149 Resp: 935409

Ion Ratio Lower Upper

149 100

91 73.1 57.0 85.6

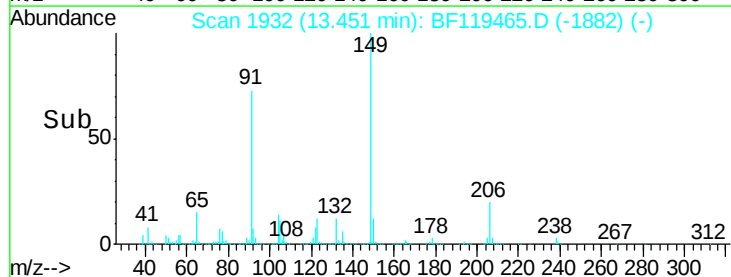
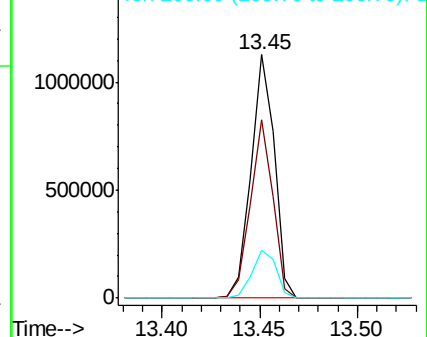
206 19.6 16.4 24.6

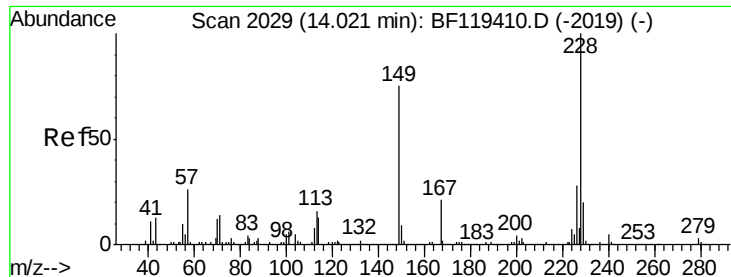


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

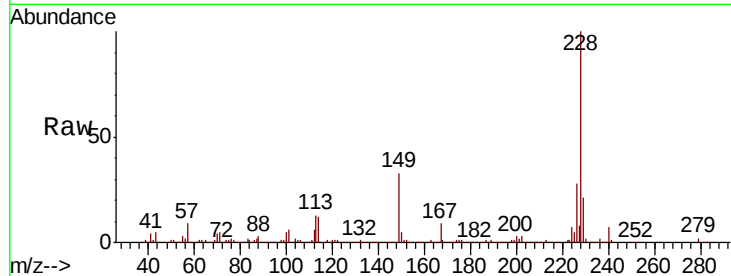




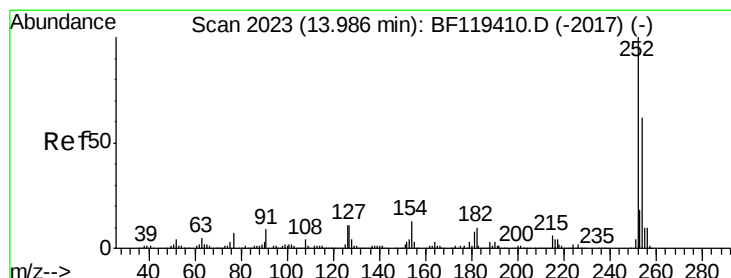
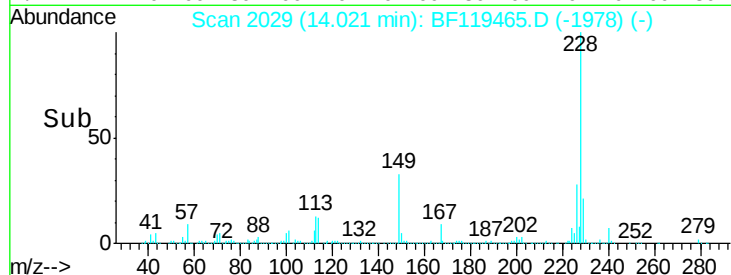
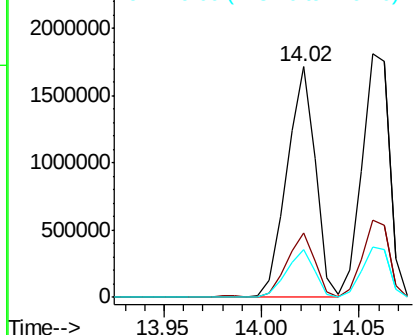
#81
Benzo(a)anthracene
Concen: 40.345 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 1731981
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.7 16.3 24.5

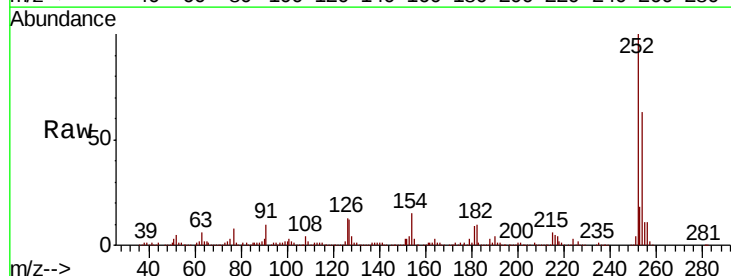


Abundance Ion 228.00 (227.70 to 228.70): E
2500000 Ion 226.00 (225.70 to 226.70): E
2000000 Ion 229.00 (228.70 to 229.70): E

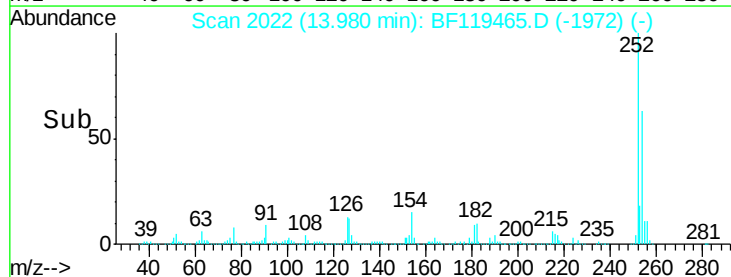
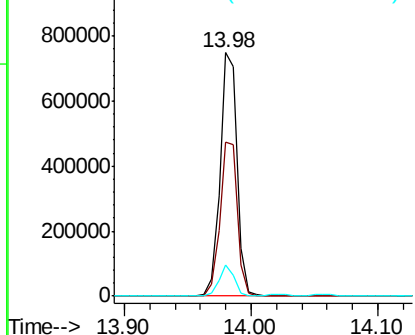


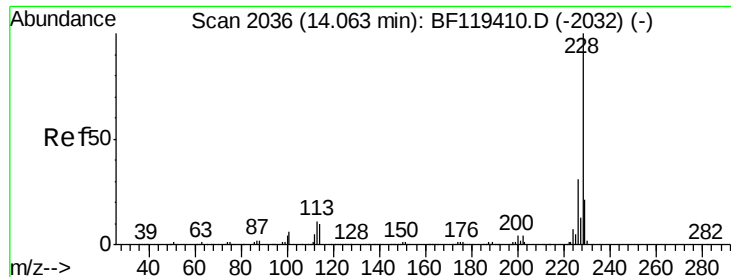
#82
3,3'-Dichlorobenzidine
Concen: 41.766 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:252 Resp: 706953
Ion Ratio Lower Upper
252 100
254 63.1 49.8 74.8
126 12.8 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
1000000 Ion 254.00 (253.70 to 254.70): E
800000 Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.012 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

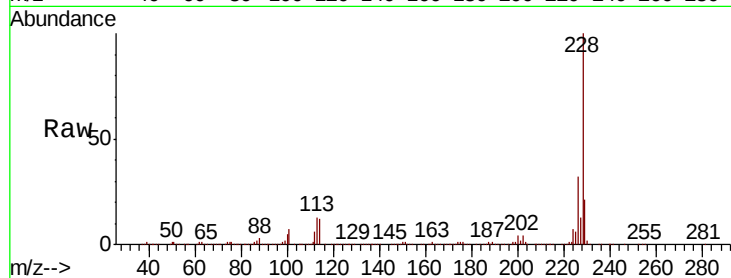
Tot Ion:228 Resp: 1772734

Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

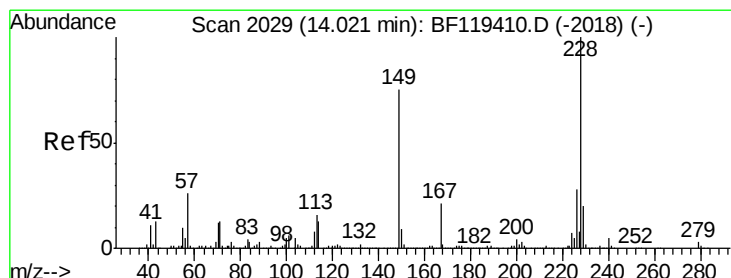
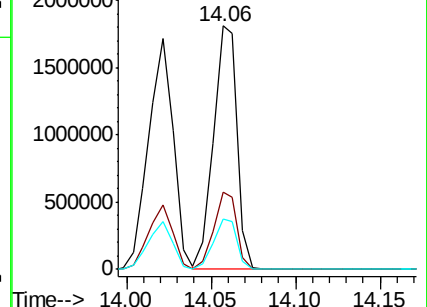
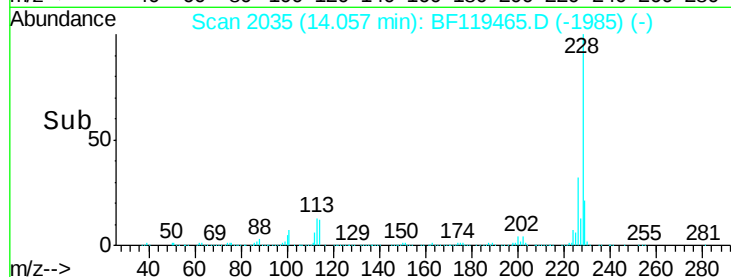
229 20.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.083 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

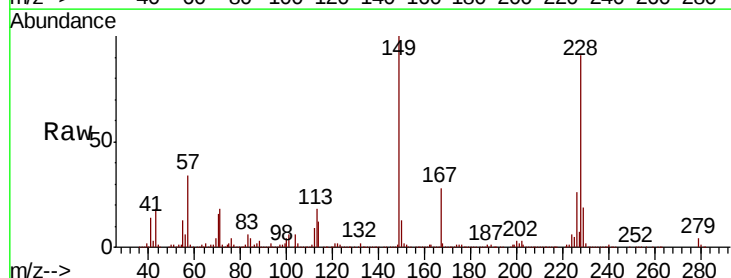
Tgt Ion:149 Resp: 1125428

Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

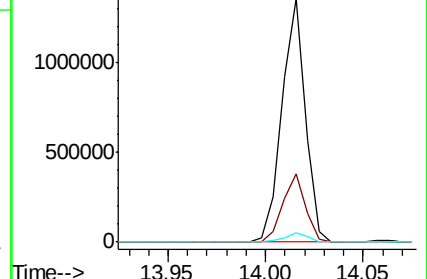
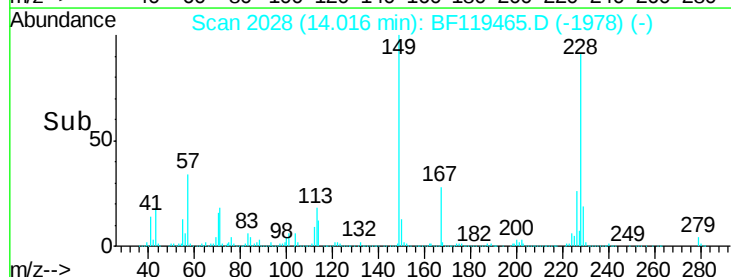
279 3.7 3.2 4.8

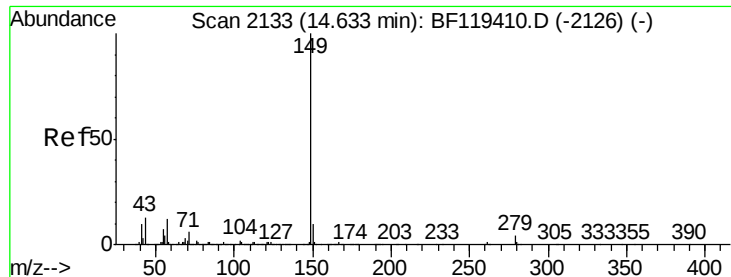


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.204 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

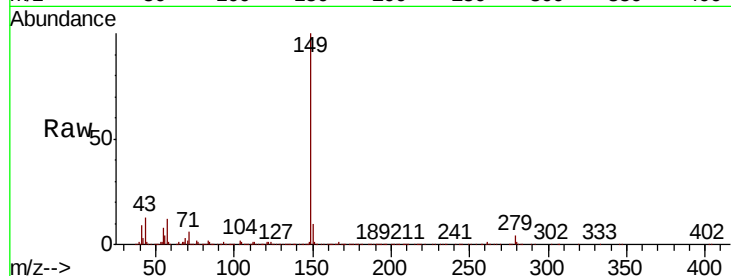
Tot Ion:149 Resp: 1938891

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

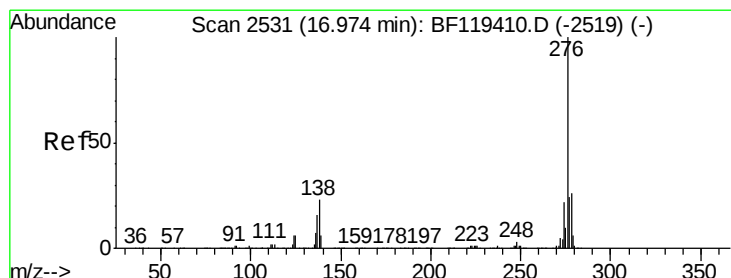
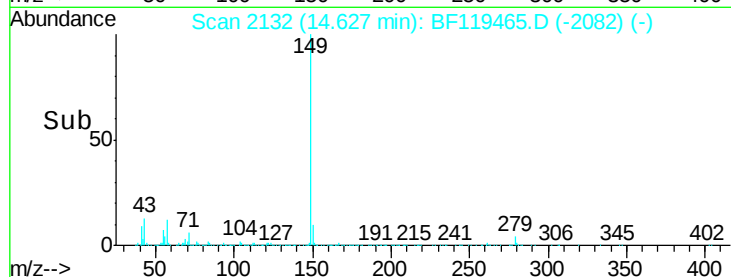
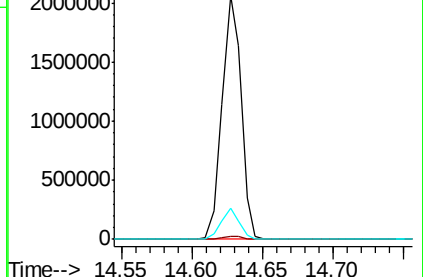
43 11.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.284 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

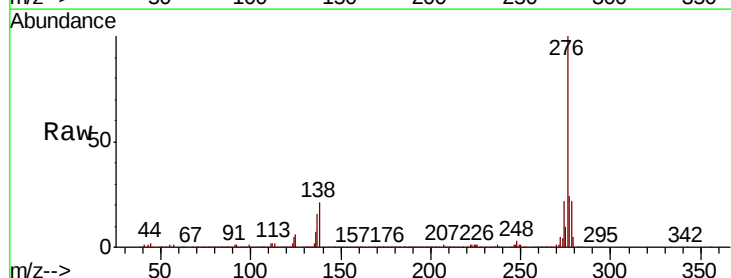
Tgt Ion:276 Resp: 1472292

Ion Ratio Lower Upper

276 100

138 25.1 21.3 31.9

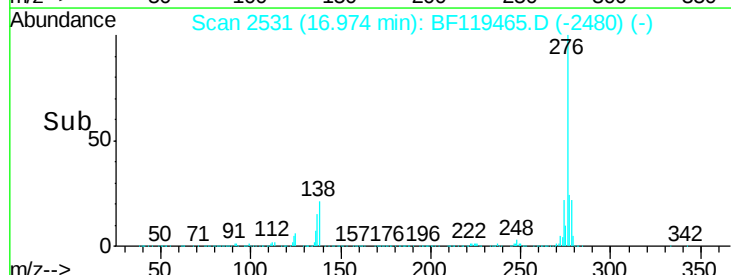
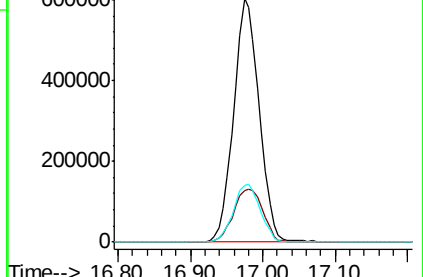
277 25.2 20.2 30.2

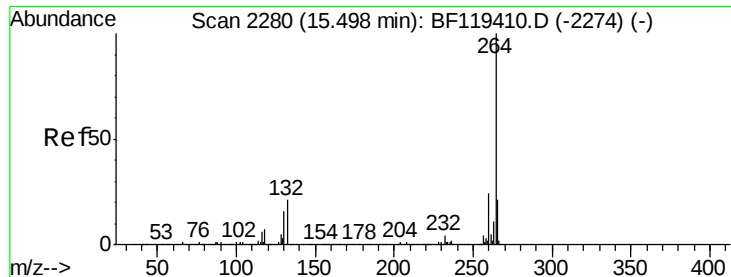


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



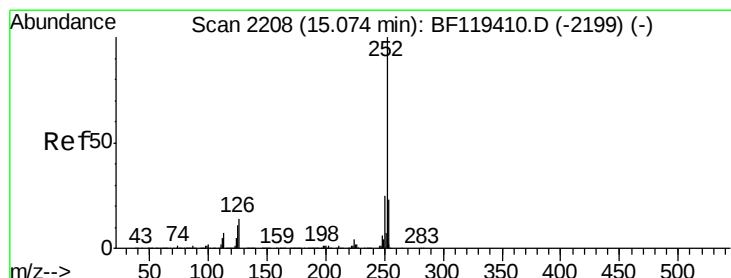
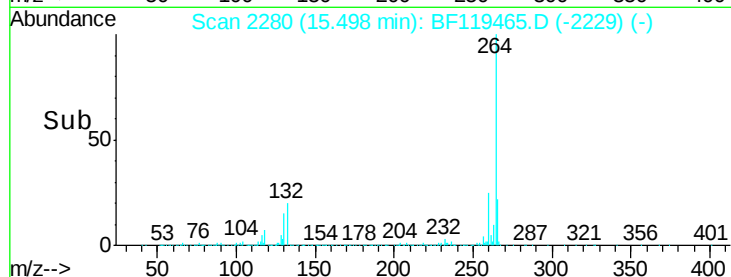
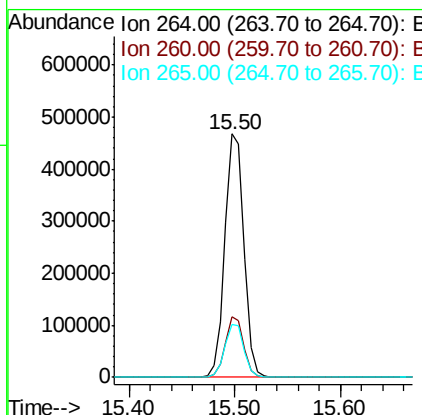
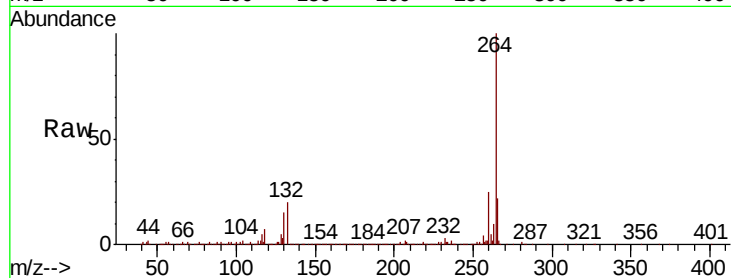


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 584027

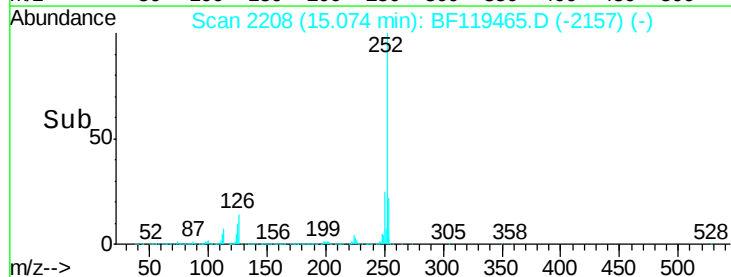
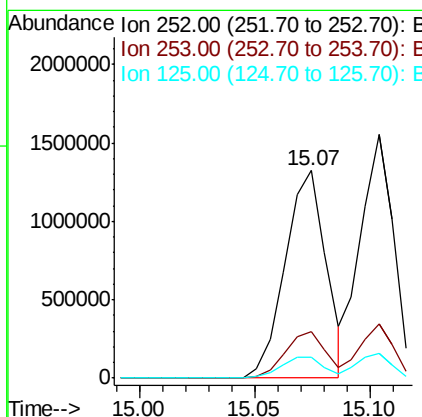
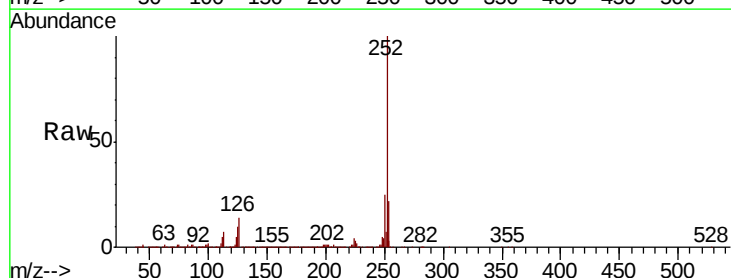
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	16.9	25.3

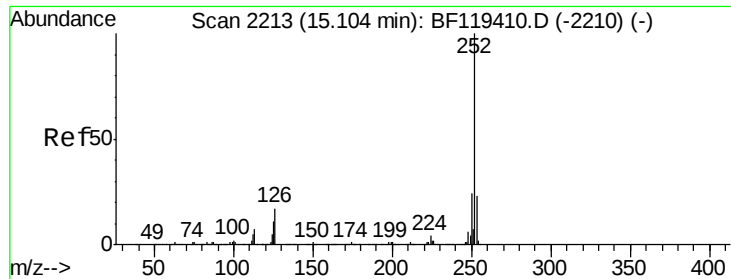


#88
Benzo(b)fluoranthene
Concen: 41.576 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:252 Resp: 1621988

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	10.0	8.8	13.2





#89

Benzo(k)fluoranthene

Concen: 42.035 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

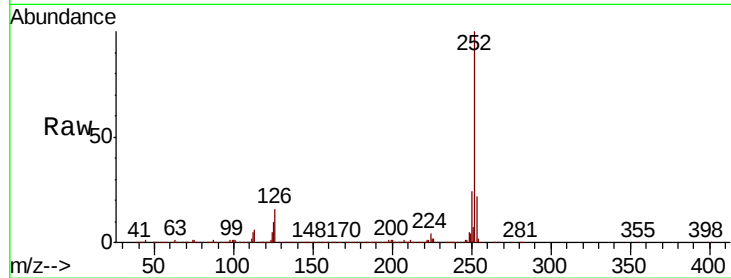
Tot Ion:252 Resp: 1561543

Ion Ratio Lower Upper

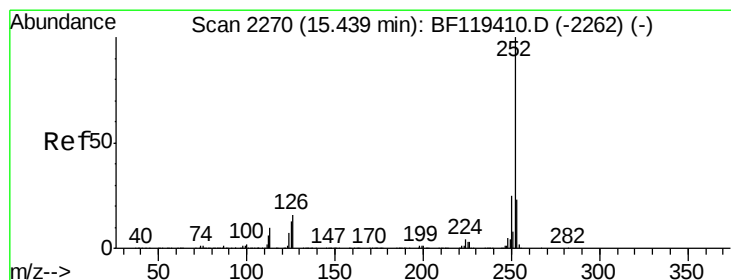
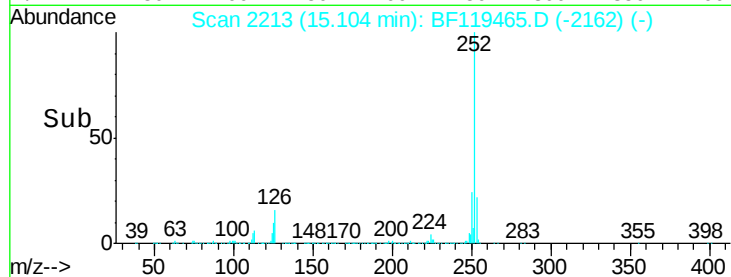
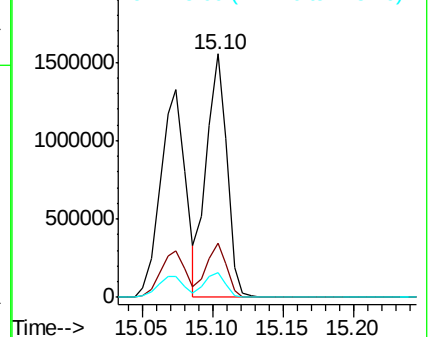
252 100

253 22.5 18.2 27.4

125 10.3 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.370 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

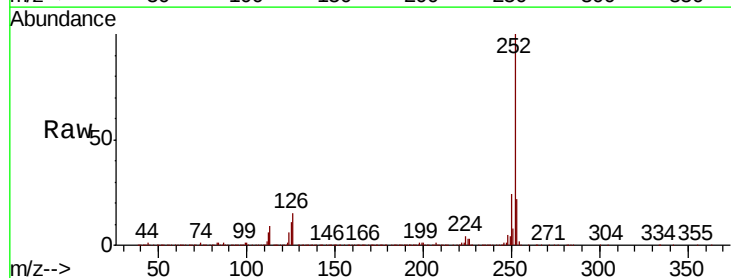
Tgt Ion:252 Resp: 1466744

Ion Ratio Lower Upper

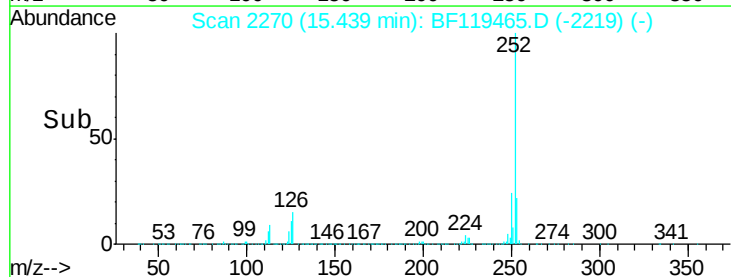
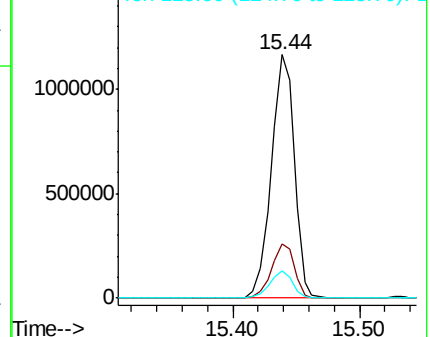
252 100

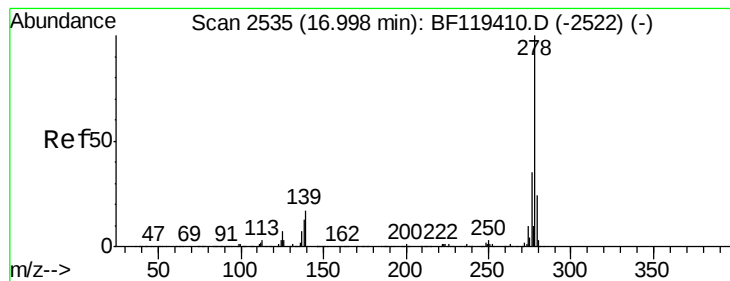
253 22.2 18.2 27.4

125 11.4 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.795 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

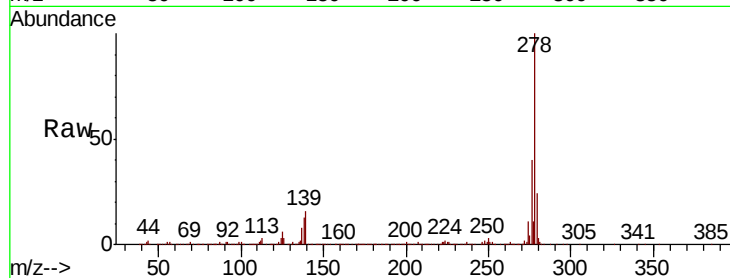
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1203053

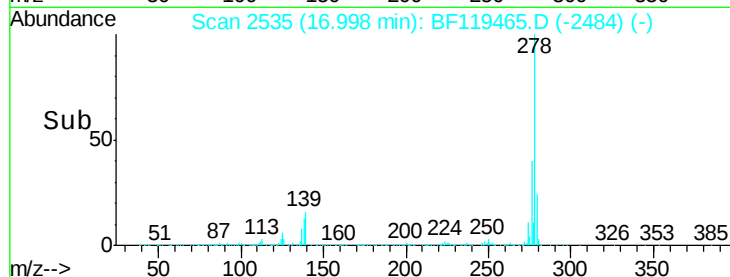
Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.7	20.5
279	24.1	19.2	28.8



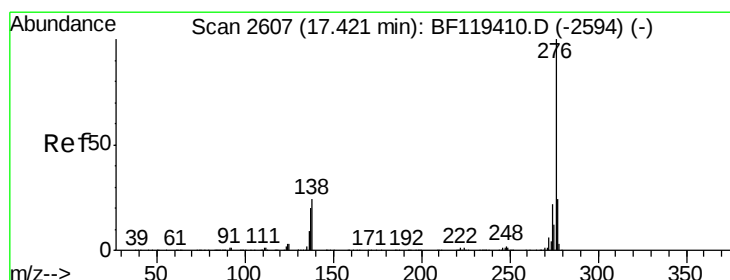
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 16.80 17.00 17.20



#92

Benzo(g,h,i)perylene

Concen: 38.656 ng

RT: 17.42 min Scan# 2607

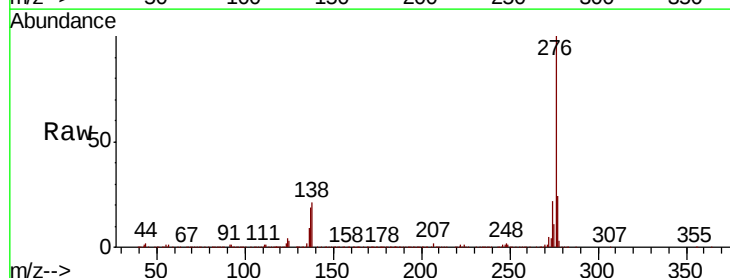
Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Tgt Ion:276 Resp: 1204312

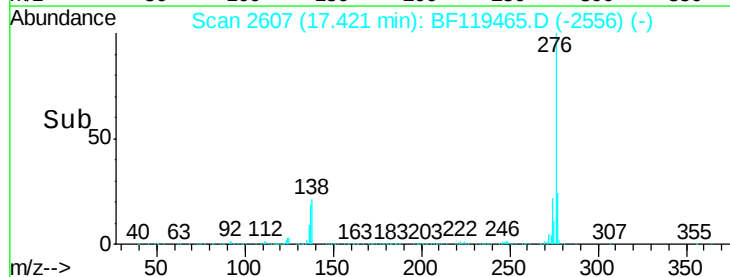
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.0	19.1	28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time--> 17.40 17.60