

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119502.D
 Acq On : 25 Mar 2020 13:15
 Operator : CG/JU
 Sample : PB127762BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Quant Time: Mar 25 14:02:02 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	354541	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1388916	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	731892	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1401531	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	993439	20.00	ng	-0.01
87) Perylene-d12	15.49	264	898379	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2344402	105.26	ng	0.01
7) Phenol-d6	6.47	99	3024766	106.32	ng	0.00
23) Nitrobenzene-d5	7.41	82	1954661	76.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	934563	123.77	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3719307	75.29	ng	-0.01
79) Terphenyl-d14	12.97	244	4186611	82.57	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.70	88	317818	28.893 ng	97
3) Pyridine	3.43	79	902137	29.770 ng	99
4) n-Nitrosodimethylamine	3.39	42	512474	34.679 ng	99
6) Aniline	6.50	93	1073191	27.332 ng	99
8) 2-Chlorophenol	6.63	128	1003263	42.890 ng	100
9) Benzaldehyde	6.39	77	640359	35.481 ng	100
10) Phenol	6.49	94	1224757	40.345 ng	100
11) bis(2-Chloroethyl)ether	6.58	93	947612	39.030 ng	98
12) 1,3-Dichlorobenzene	6.79	146	992283	39.195 ng	98
13) 1,4-Dichlorobenzene	6.86	146	1007282	39.778 ng	98
14) 1,2-Dichlorobenzene	7.02	146	935129	39.508 ng	98
15) Benzyl Alcohol	6.99	79	846693	39.563 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1847294	37.721 ng	98
17) 2-Methylphenol	7.10	107	803080	37.471 ng	99
18) Hexachloroethane	7.36	117	388949	41.912 ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	695893	40.581 ng	96
20) 3+4-Methylphenols	7.25	107	971674	36.994 ng	# 80
22) Acetophenone	7.26	105	1297314	39.090 ng	98
24) Nitrobenzene	7.43	77	1034979	37.895 ng	97
25) Isophorone	7.67	82	1956711	37.744 ng	99
26) 2-Nitrophenol	7.75	139	528194	49.118 ng	97
27) 2,4-Dimethylphenol	7.78	122	893500	40.183 ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1240451	40.464 ng	99
29) 2,4-Dichlorophenol	7.99	162	831229	40.685 ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	888129	39.307 ng	99
31) Naphthalene	8.15	128	2783132	38.938 ng	99
32) Benzoic acid	7.91	122	681196	47.625 ng	96
33) 4-Chloroaniline	8.20	127	603167	18.417 ng	96
34) Hexachlorobutadiene	8.27	225	513885	40.649 ng	99
35) Caprolactam	8.57	113	148858	22.262 ng	99
36) 4-Chloro-3-methylphenol	8.68	107	912500	40.864 ng	99
37) 2-Methylnaphthalene	8.85	142	1941406	41.387 ng	100
38) 1-Methylnaphthalene	8.95	142	1823323	41.066 ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	826768	38.540 ng	99

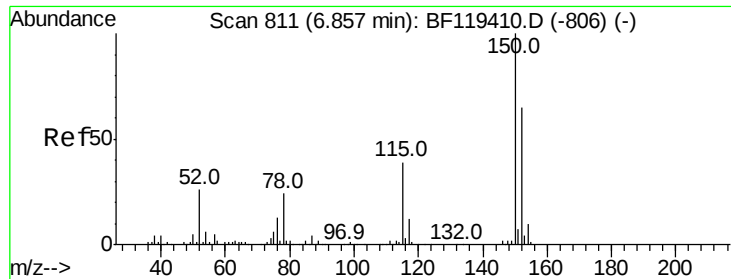
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
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 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1016626	83.358	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	648779	42.261	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	630615	36.669	ng	98
46) 1,1'-Biphenyl	9.31	154	2294164	38.487	ng	100
47) 2-Chloronaphthalene	9.33	162	1792582	38.391	ng	99
48) 2-Nitroaniline	9.43	65	660087	40.957	ng	99
49) Acenaphthylene	9.75	152	2803810	38.239	ng	100
50) Dimethylphthalate	9.62	163	2117478	40.731	ng	99
51) 2,6-Dinitrotoluene	9.67	165	483284	43.371	ng	90
52) Acenaphthene	9.93	154	1965134	42.990	ng	99
53) 3-Nitroaniline	9.84	138	323071	22.965	ng	99
54) 2,4-Dinitrophenol	9.95	184	487407	99.171	ng	# 84
55) Dibenzofuran	10.10	168	2536320	38.700	ng	98
56) 4-Nitrophenol	10.00	139	823568	74.211	ng	91
57) 2,4-Dinitrotoluene	10.08	165	645617	45.993	ng	97
58) Fluorene	10.44	166	1930697	39.837	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	568125	44.195	ng	99
60) Diethylphthalate	10.32	149	2225061	42.171	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	955409	40.313	ng	99
62) 4-Nitroaniline	10.46	138	505214	37.451	ng	98
63) Azobenzene	10.59	77	2118385	39.869	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	323907	55.114	ng	93
66) n-Nitrosodiphenylamine	10.55	169	1819617	39.548	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	642792	40.271	ng	98
68) Hexachlorobenzene	10.99	284	681692	41.728	ng	# 91
69) Atrazine	11.08	200	574100	45.514	ng	99
70) Pentachlorophenol	11.18	266	765451	79.910	ng	99
71) Phenanthrene	11.40	178	2810104	38.668	ng	99
72) Anthracene	11.46	178	2872552	38.892	ng	98
73) Carbazole	11.61	167	2659134	36.373	ng	98
74) Di-n-butylphthalate	11.95	149	3469798	44.368	ng	98
75) Fluoranthene	12.59	202	3088571	39.270	ng	98
77) Benzidine	12.72	184	1571038	37.368	ng	98
78) Pyrene	12.82	202	3073757	37.701	ng	99
80) Butylbenzylphthalate	13.44	149	1547543	46.930	ng	99
81) Benzo(a)anthracene	14.02	228	2434463	37.684	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	700993	27.520	ng	96
83) Chrysene	14.05	228	2501579	37.521	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	2051771	52.195	ng	99
85) Di-n-octyl phthalate	14.62	149	3641638	52.675	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2227277	35.471	ng	98
88) Benzo(b)fluoranthene	15.06	252	2456577	40.935	ng	99
89) Benzo(k)fluoranthene	15.09	252	2388271	41.794	ng	99
90) Benzo(a)pyrene	15.43	252	2114903	38.779	ng	97
91) Dibenzo(a,h)anthracene	16.98	278	1859052	38.972	ng	98
92) Benzo(g,h,i)perylene	17.40	276	1789644	37.344	ng	98

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

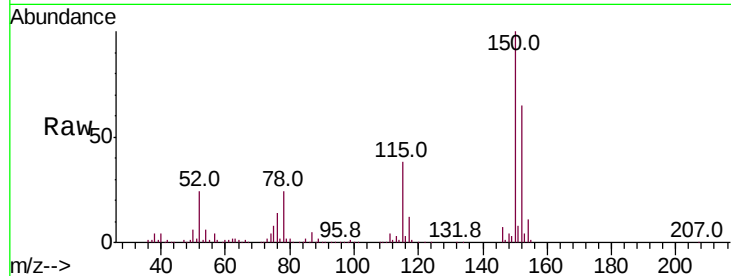


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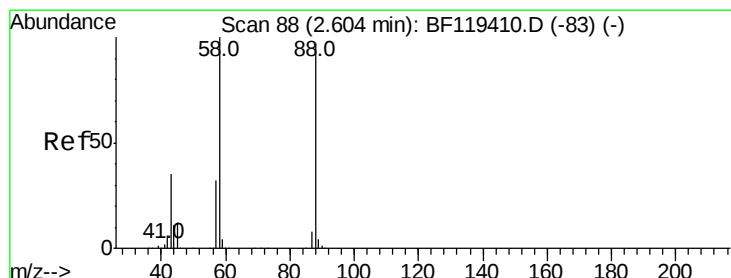
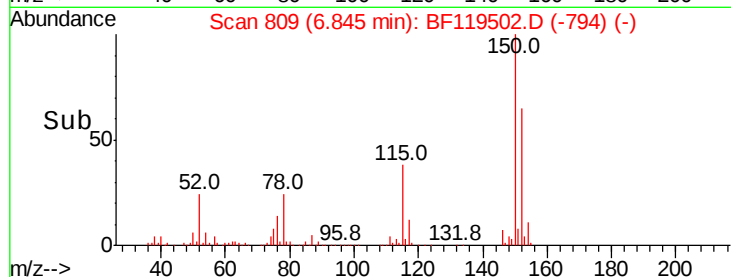
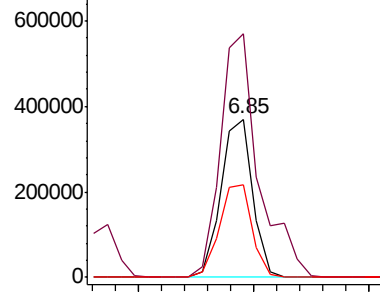
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:152 Resp: 354541
Ion Ratio Lower Upper
152 100
150 153.7 123.9 185.9
115 58.6 47.8 71.6



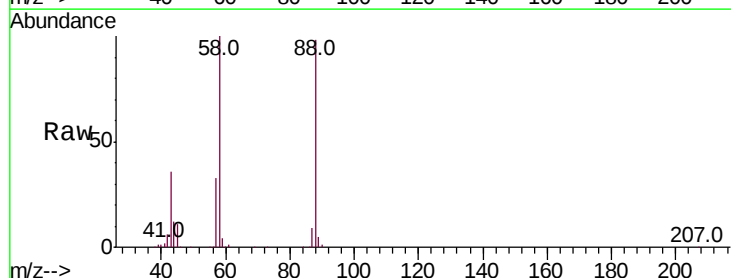
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



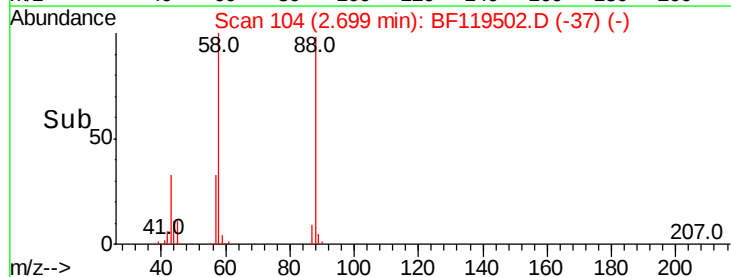
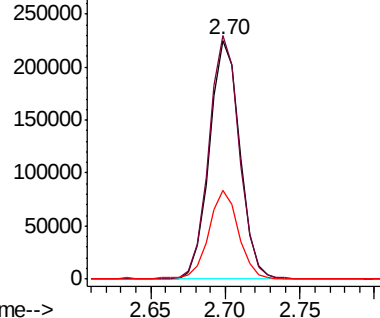
#2

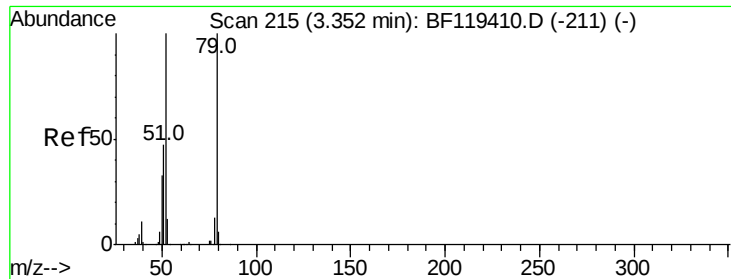
1,4-Dioxane
Concen: 28.893 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion: 88 Resp: 317818
Ion Ratio Lower Upper
88 100
58 102.4 79.4 119.2
43 36.1 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: 29.770 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.08 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

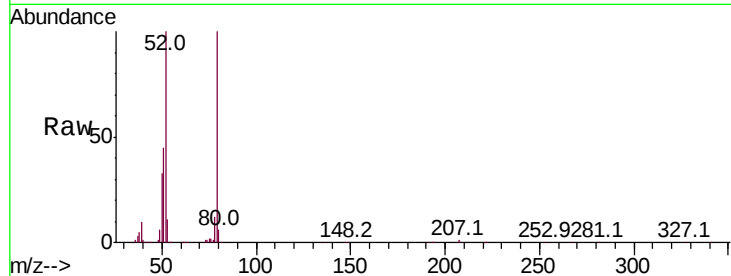
Tot Ion: 79 Resp: 902137

Ion Ratio Lower Upper

79 100

52 100.1 80.0 120.0

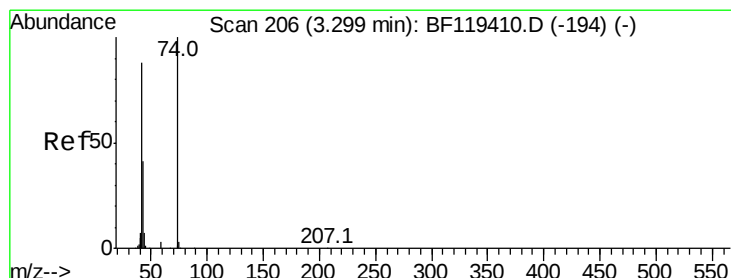
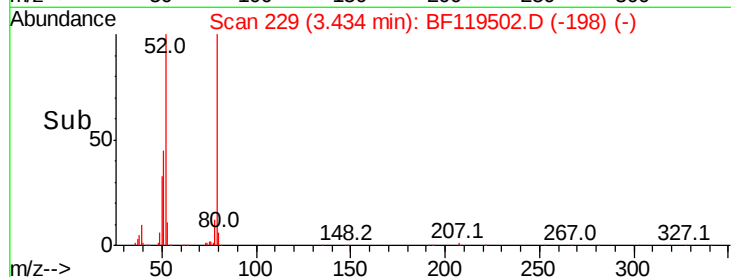
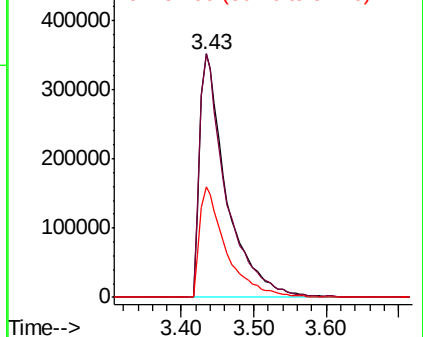
51 45.4 37.9 56.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.679 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.09 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

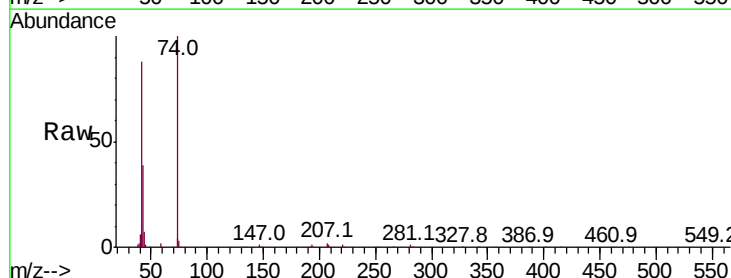
Tgt Ion: 42 Resp: 512474

Ion Ratio Lower Upper

42 100

74 113.6 91.3 136.9

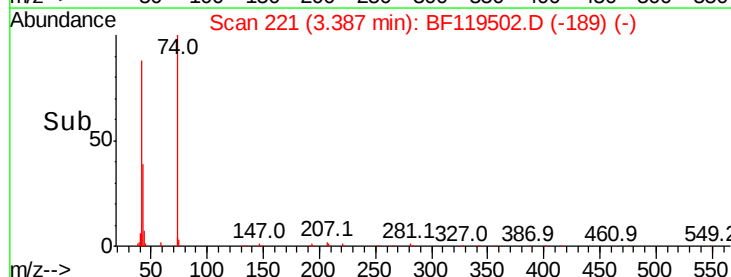
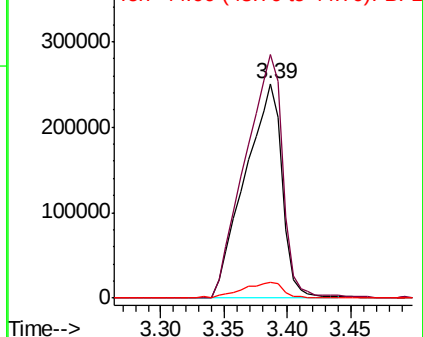
44 7.6 7.1 10.7

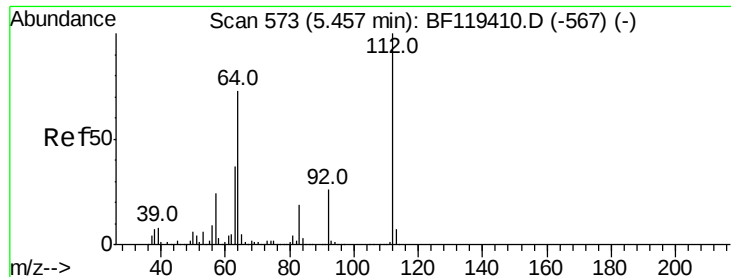


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.265 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

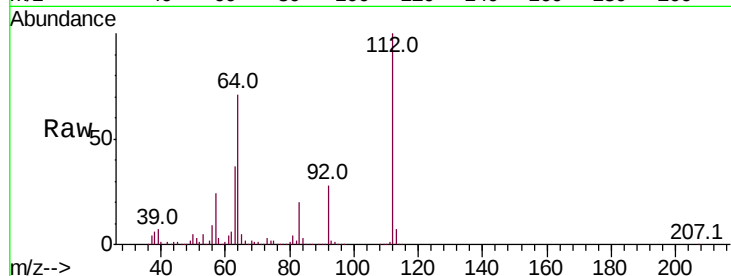
Tot Ion:112 Resp: 2344402

Ion Ratio Lower Upper

112 100

64 71.1 58.1 87.1

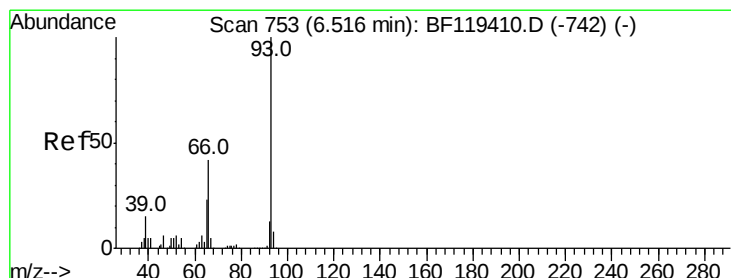
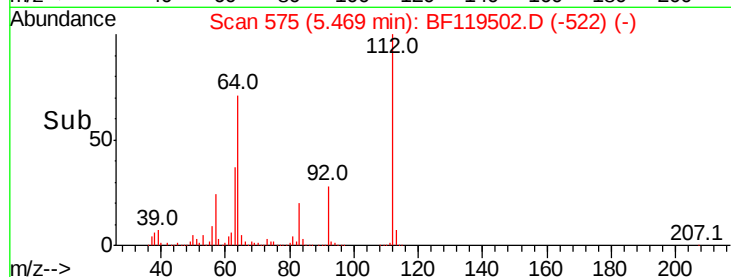
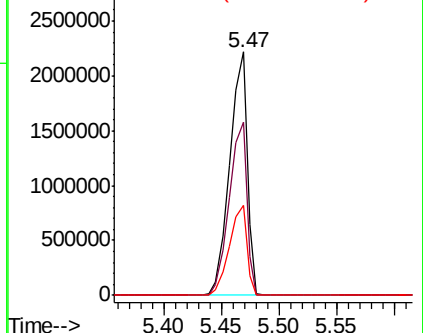
63 37.1 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.332 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

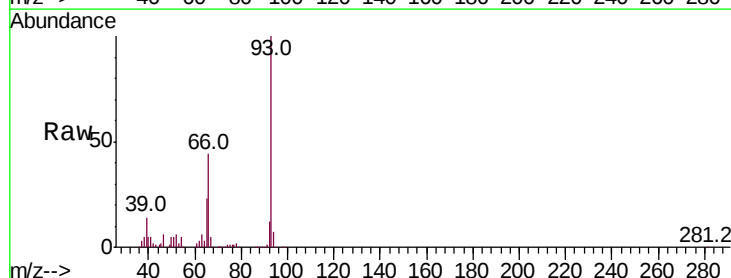
Tgt Ion: 93 Resp: 1073191

Ion Ratio Lower Upper

93 100

66 43.6 34.2 51.4

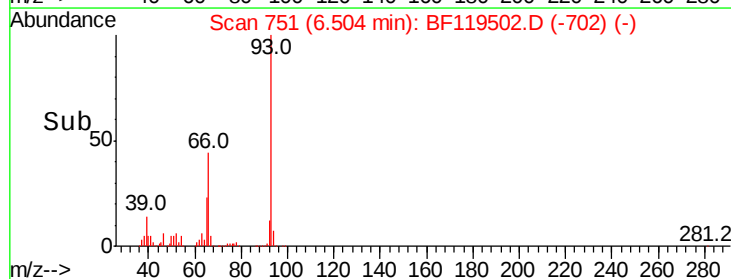
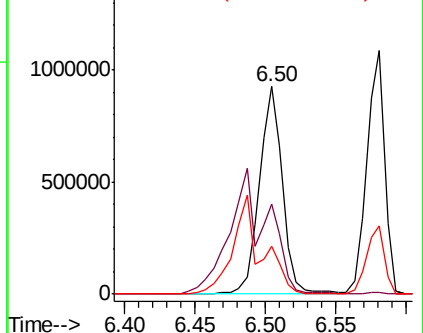
65 22.7 18.2 27.4

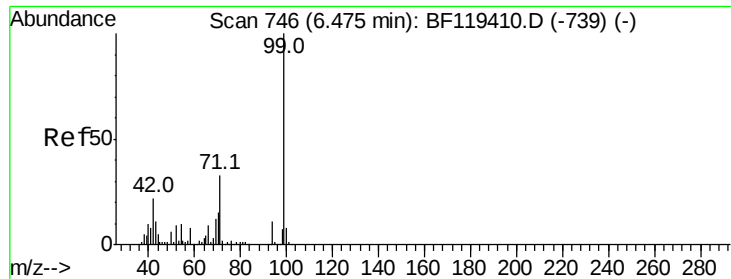


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.318 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

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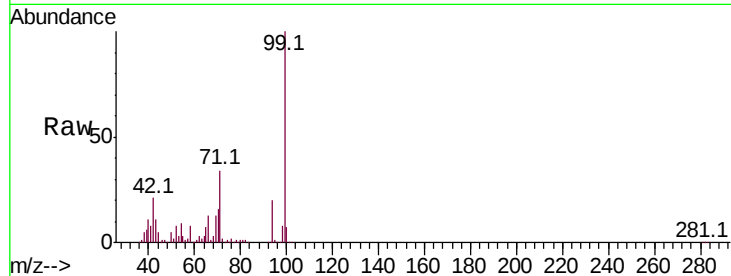
Tot Ion: 99 Resp: 3024766

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

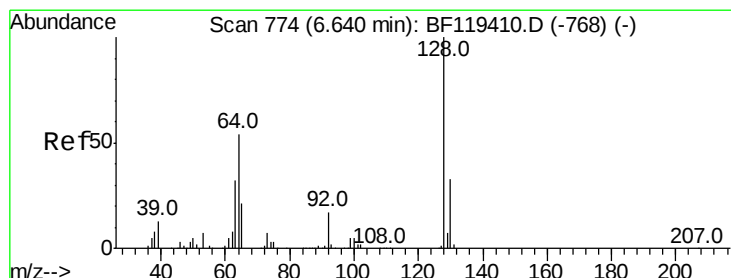
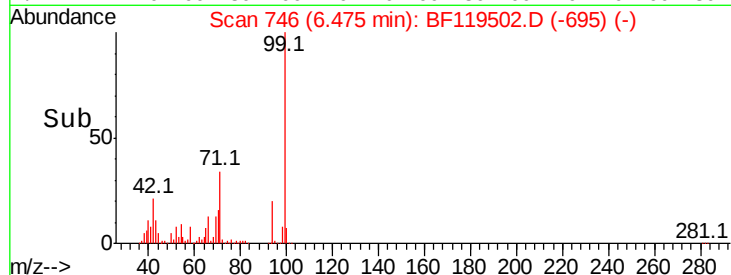
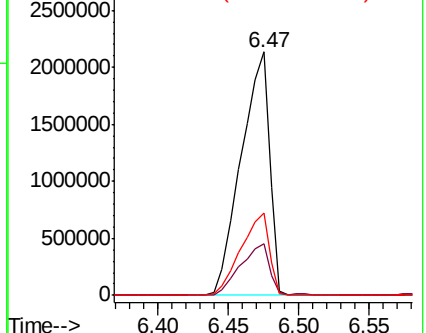
71 33.8 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.890 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

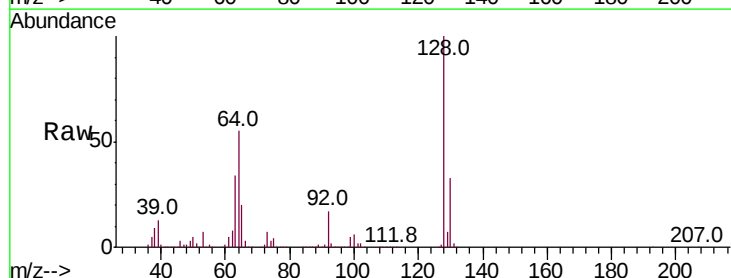
Tgt Ion:128 Resp: 1003263

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

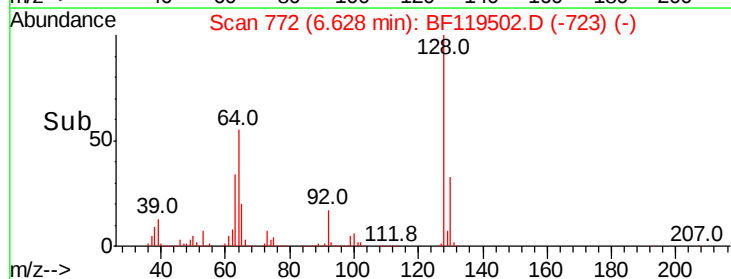
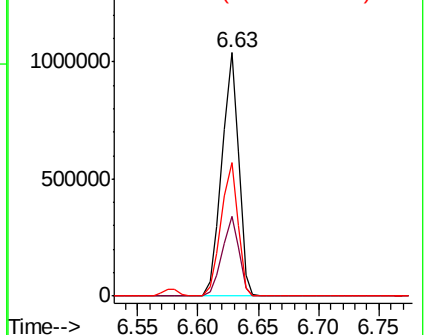
64 55.0 35.1 75.1

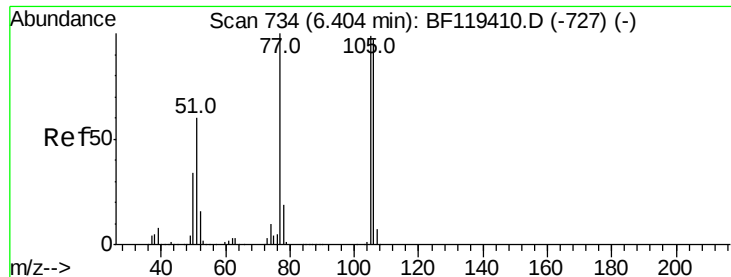


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.481 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

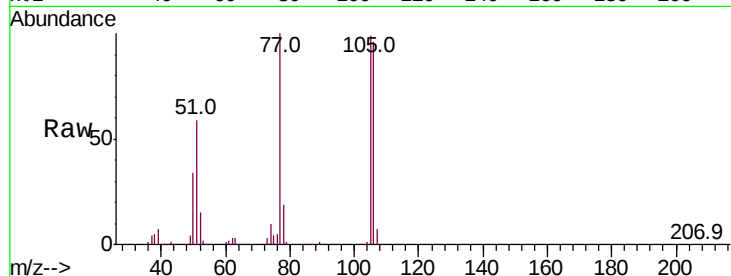
Tot Ion: 77 Resp: 640359

Ion Ratio Lower Upper

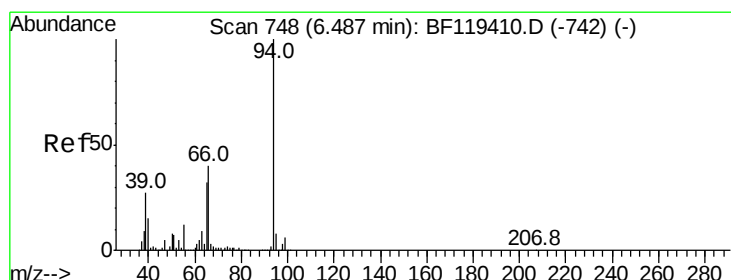
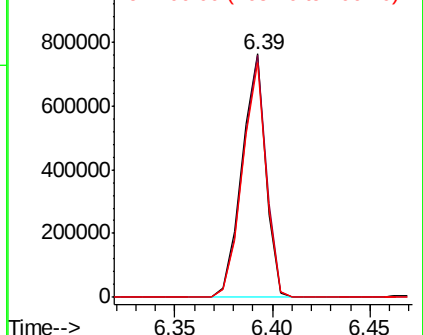
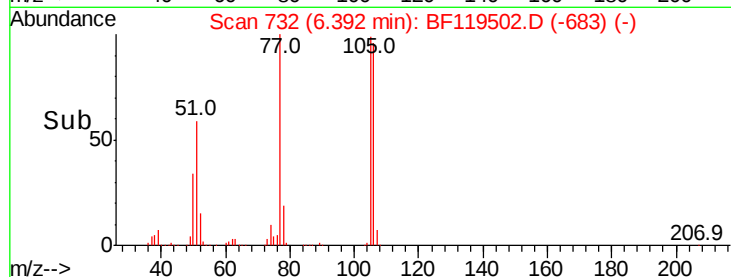
77 100

105 99.3 78.6 118.6

106 96.3 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: 40.345 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

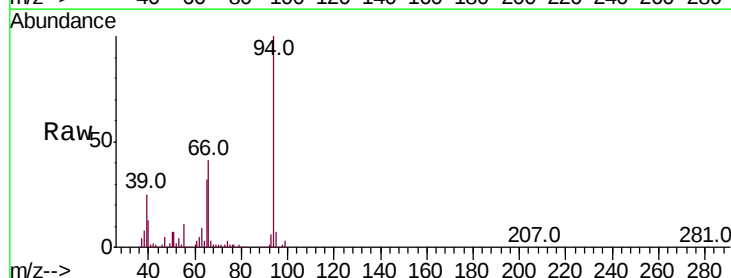
Tgt Ion: 94 Resp: 1224757

Ion Ratio Lower Upper

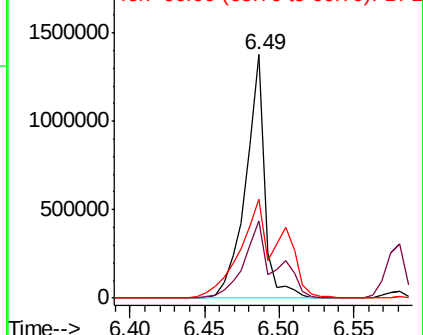
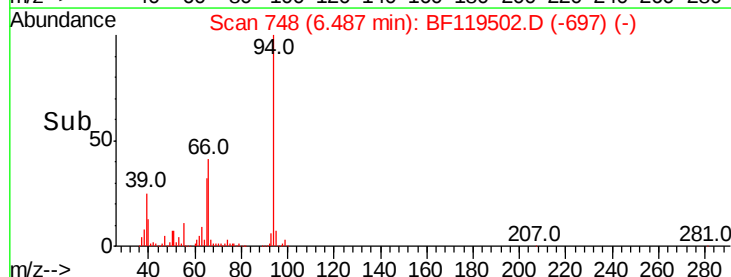
94 100

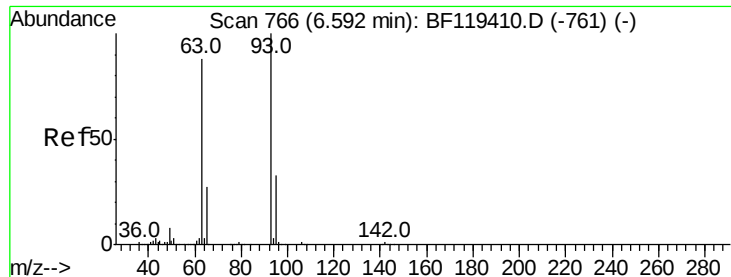
65 32.0 12.0 52.0

66 40.9 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

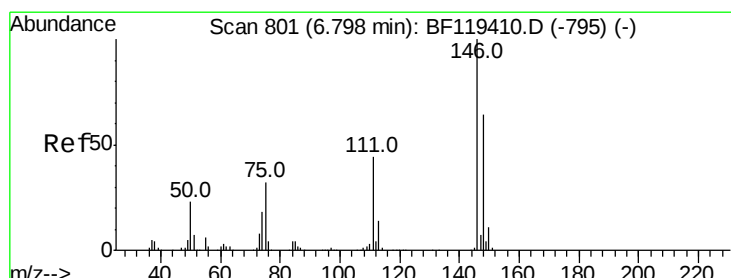
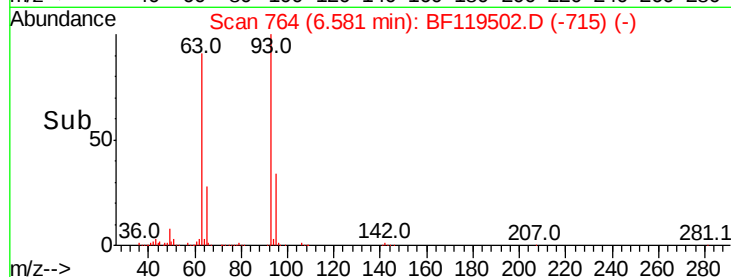
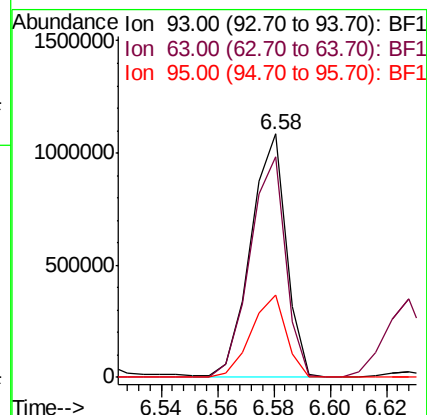
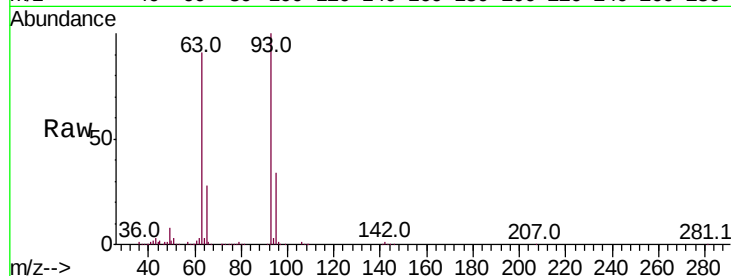




#11
bis(2-Chloroethyl)ether
Concen: 39.030 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

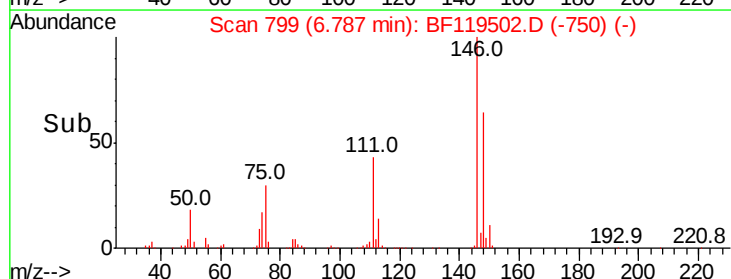
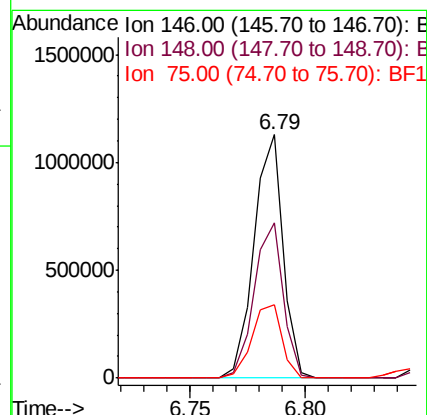
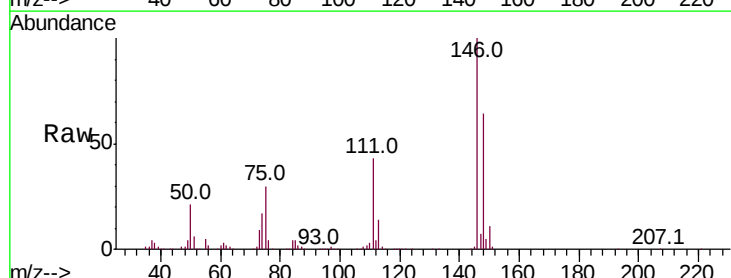
Instrument :
BNA_F
ClientSampleId :
PB127762BS

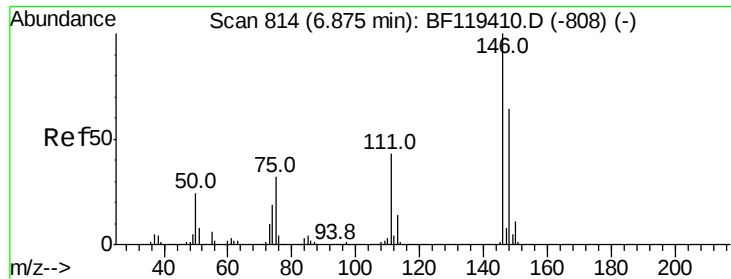
Tot Ion: 93 Resp: 947612
Ion Ratio Lower Upper
93 100
63 90.7 68.4 108.4
95 34.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.195 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion: 146 Resp: 992283
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 30.3 25.8 38.8

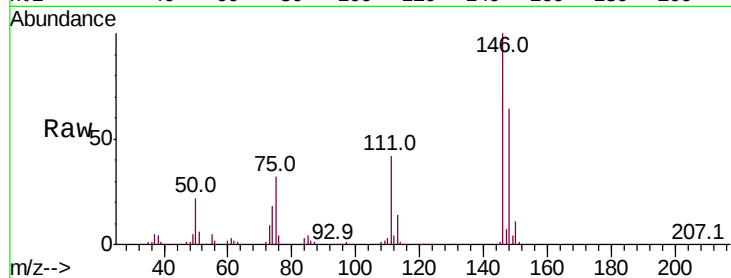




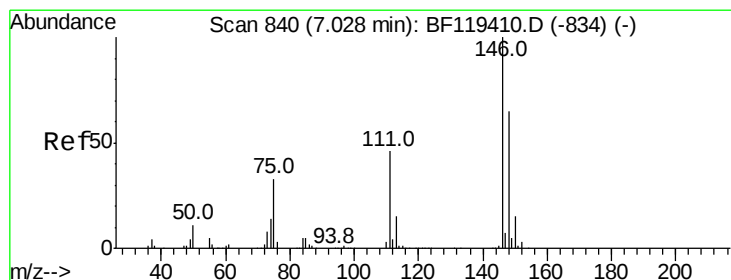
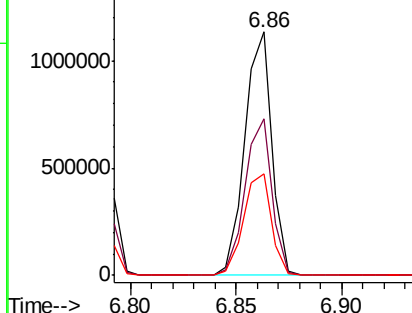
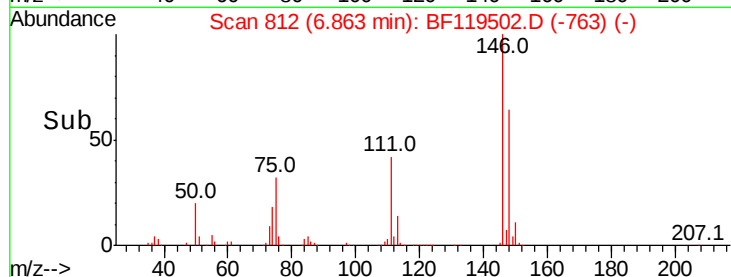
#13
 1,4-Dichlorobenzene
 Concen: 39.778 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:146 Resp: 1007282
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.9 76.3
 111 41.7 34.6 52.0

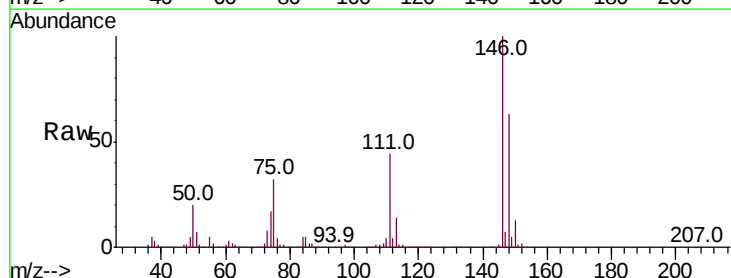


Abundance Ion 146.00 (145.70 to 146.70): E
 1500000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

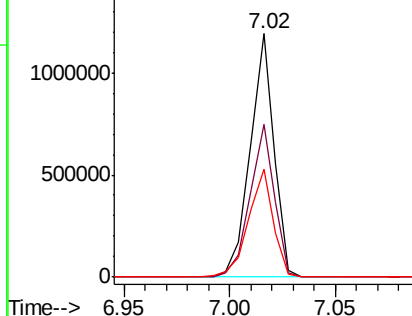
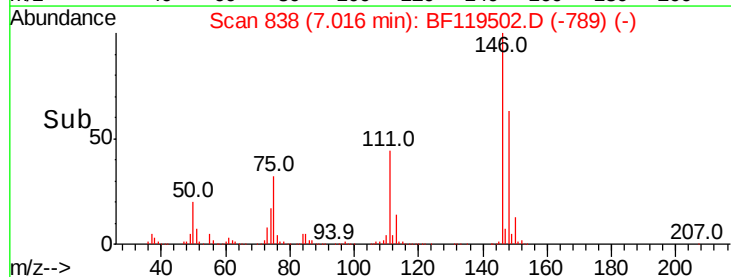


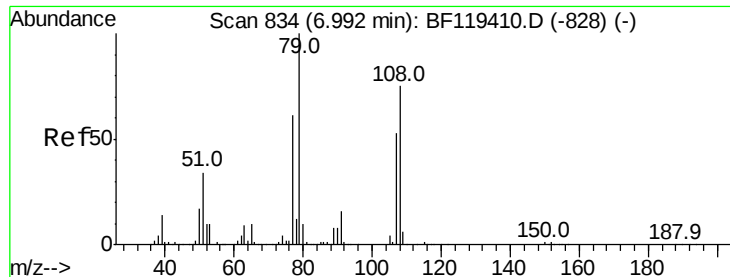
#14
 1,2-Dichlorobenzene
 Concen: 39.508 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion:146 Resp: 935129
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.7 77.5
 111 44.3 36.4 54.6



Abundance Ion 146.00 (145.70 to 146.70): E
 1500000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.563 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

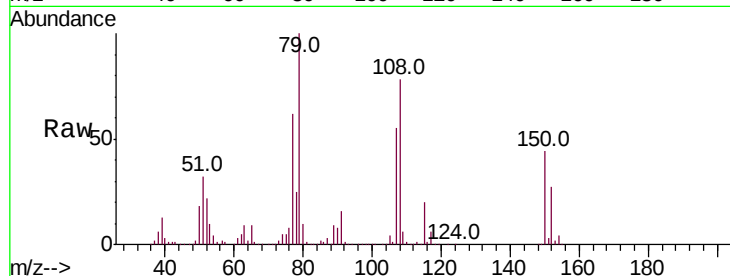
Tot Ion: 79 Resp: 846693

Ion Ratio Lower Upper

79 100

108 78.3 60.4 90.6

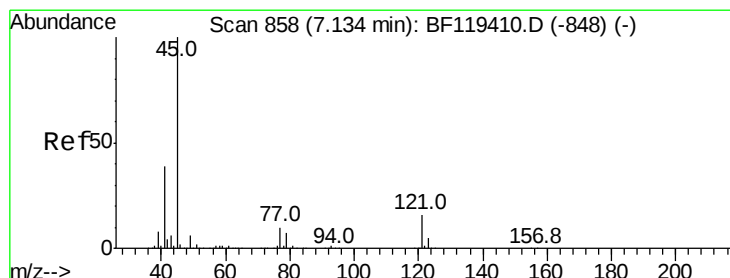
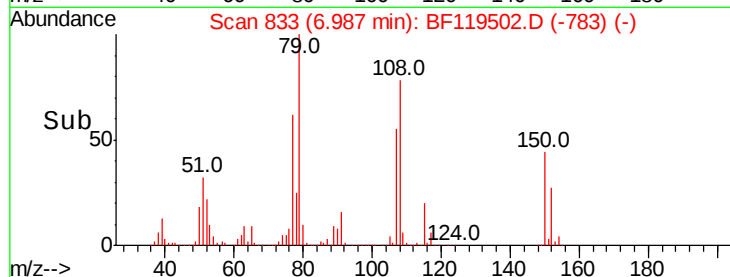
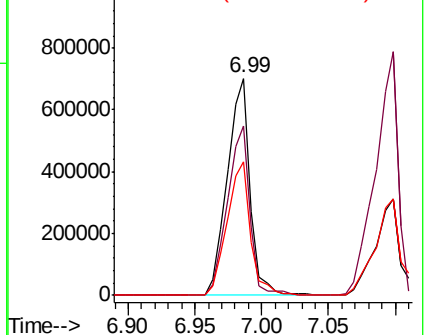
77 61.8 49.0 73.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.721 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

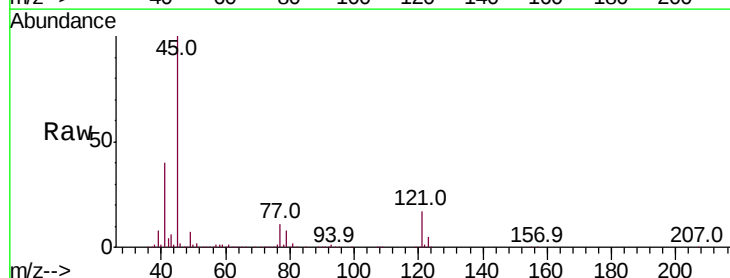
Tgt Ion: 45 Resp: 1847294

Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.1

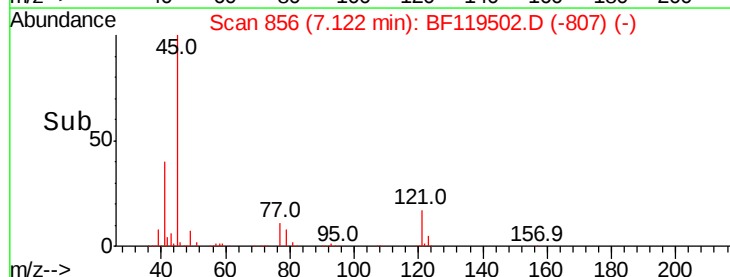
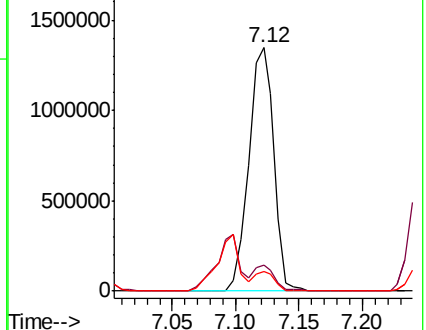
79 8.3 0.0 27.4

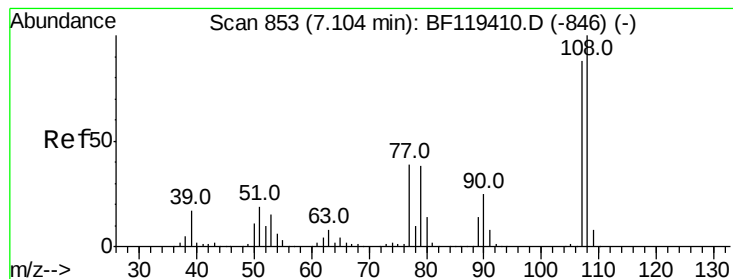


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

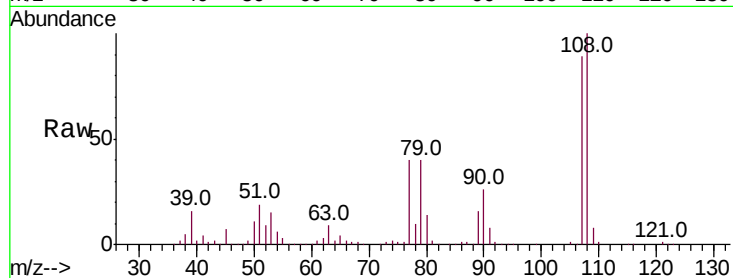




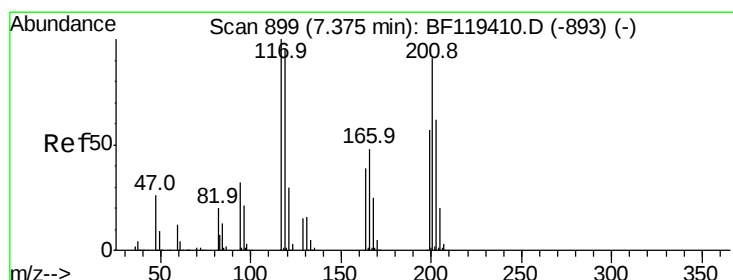
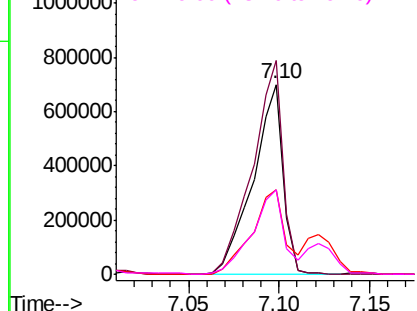
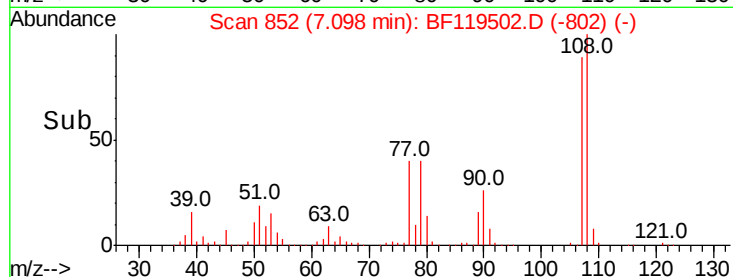
#17
2-Methylphenol
Concen: 37.471 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:107 Resp: 803080
Ion Ratio Lower Upper
107 100
108 112.6 90.7 136.1
77 44.6 35.6 53.4
79 44.9 34.7 52.1

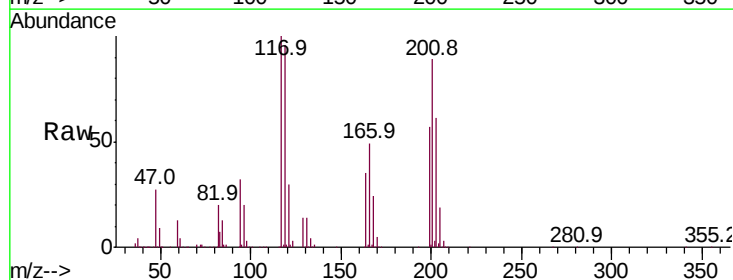


Abundance Ion 107.00 (106.70 to 107.70): E
1200000 Ion 108.00 (107.70 to 108.70): E
1000000 Ion 77.00 (76.70 to 77.70): BF1
800000 Ion 79.00 (78.70 to 79.70): BF1
600000
400000
200000
0

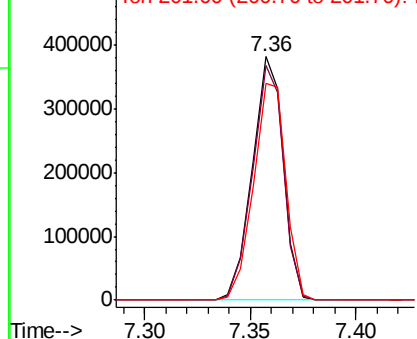
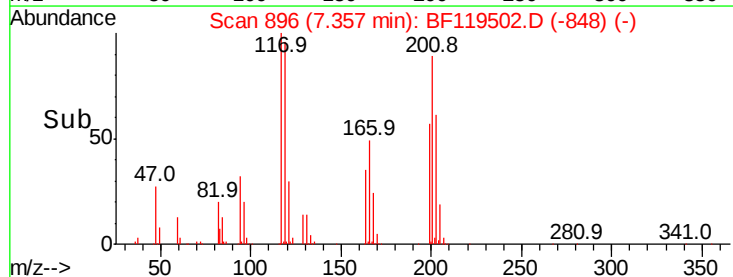


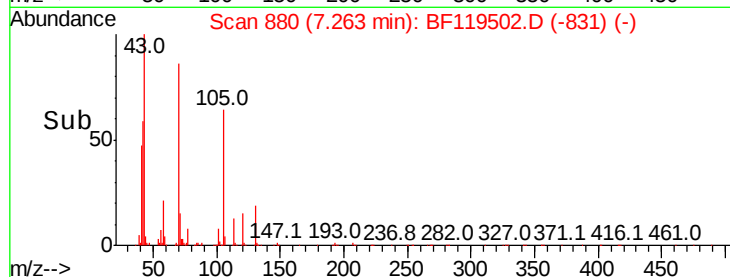
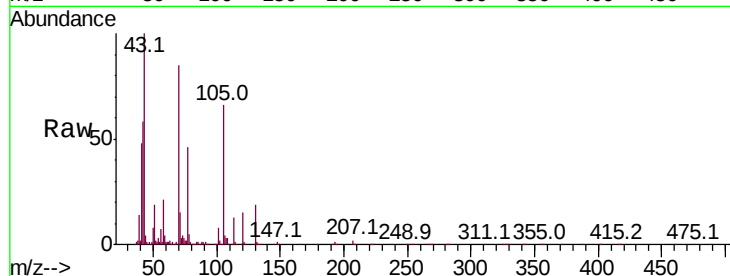
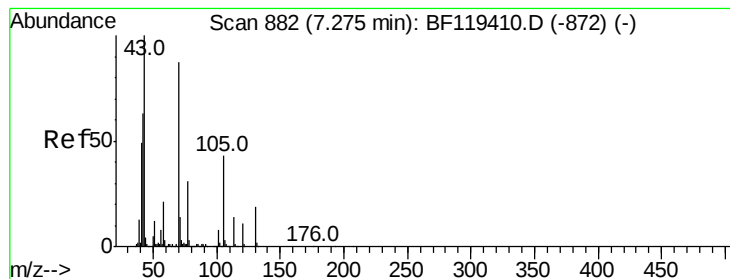
#18
Hexachloroethane
Concen: 41.912 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:117 Resp: 388949
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2
201 89.2 72.5 108.7



Abundance Ion 117.00 (116.70 to 117.70): E
500000 Ion 119.00 (118.70 to 119.70): E
400000 Ion 201.00 (200.70 to 201.70): E
300000
200000
100000
0





#19

n-Nitroso-di-n-propylamine

Concen: 40.581 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion: 70 Resp: 695893

Ion Ratio Lower Upper

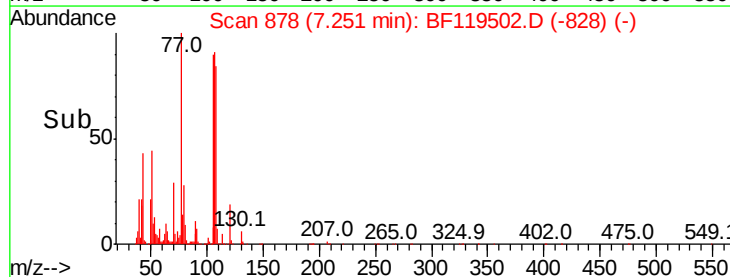
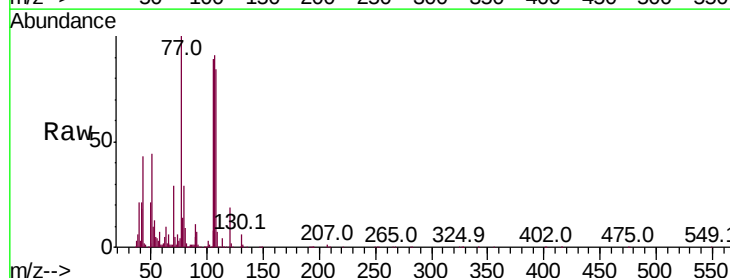
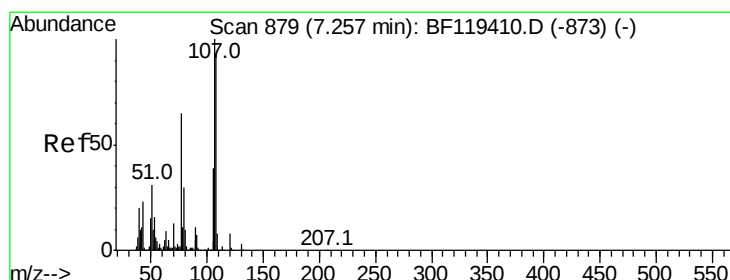
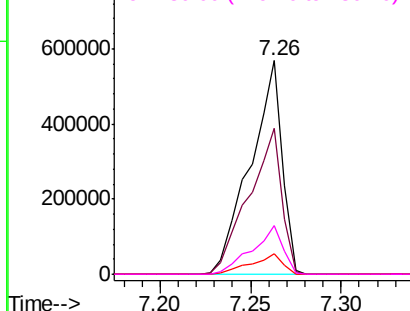
70 100

42 68.6 58.2 87.4

101 9.6 7.4 11.2

130 22.7 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): E
Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 36.994 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Tgt Ion:107 Resp: 971674

Ion Ratio Lower Upper

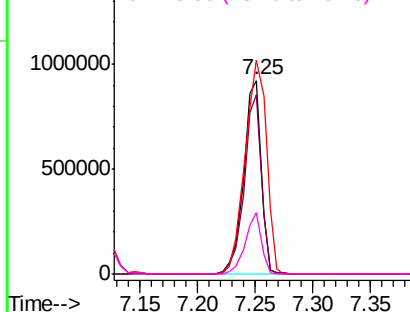
107 100

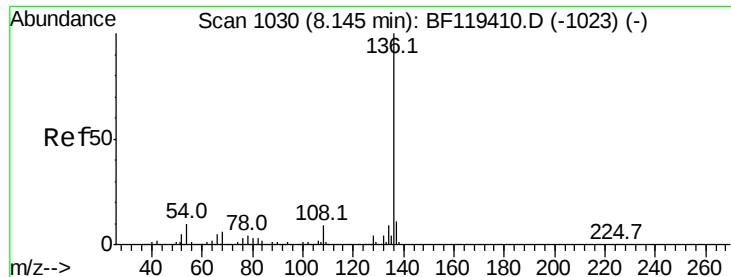
108 92.4 72.6 112.6

77 110.2 44.7 84.7#

79 31.5 10.2 50.2

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:136 Resp: 1388916

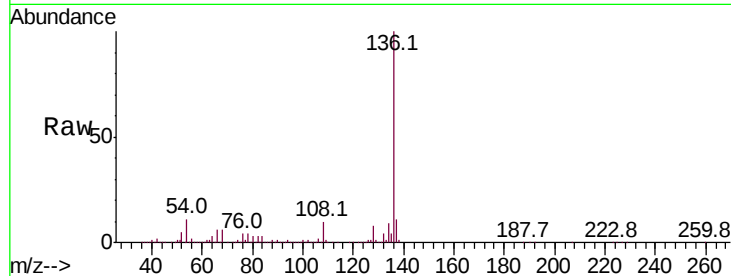
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.0 8.3 12.5

68 5.8 4.9 7.3

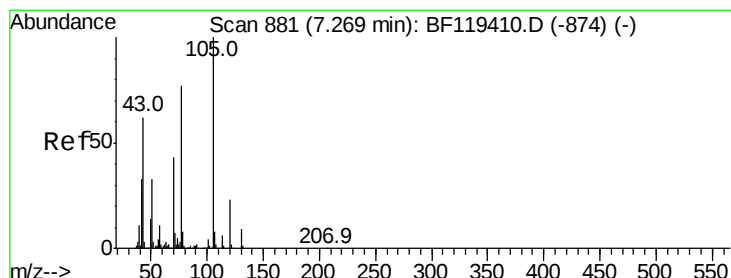
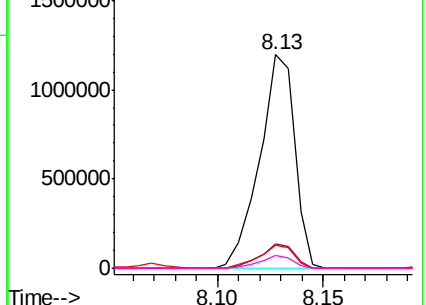
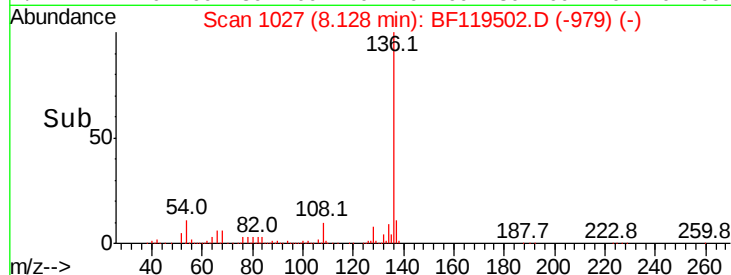


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.090 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Tgt Ion:105 Resp: 1297314

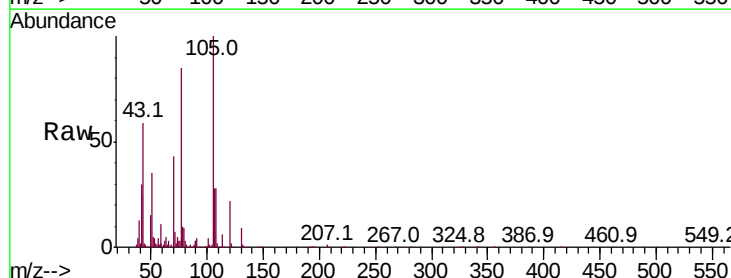
Ion Ratio Lower Upper

105 100

71 7.1 5.8 8.6

51 35.1 26.8 40.2

120 22.3 18.0 27.0

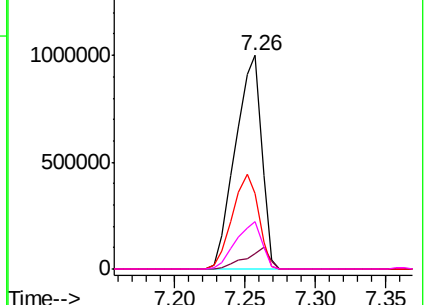
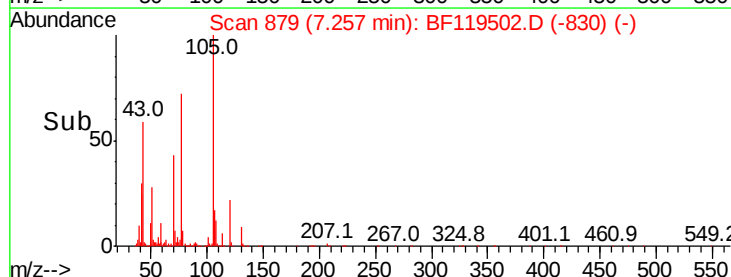


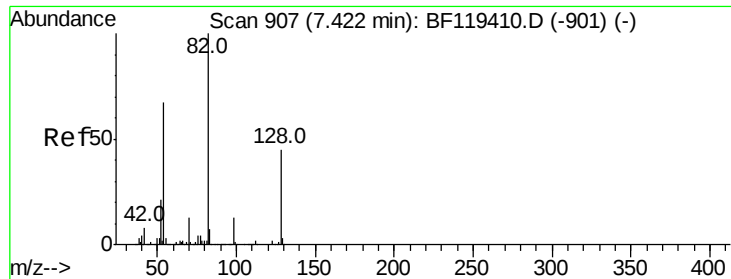
Abundance Ion 105.00 (104.70 to 105.70): E

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

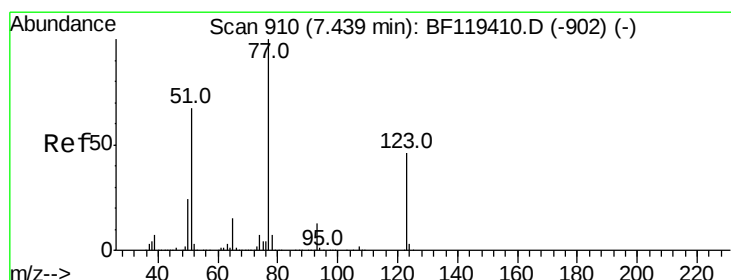
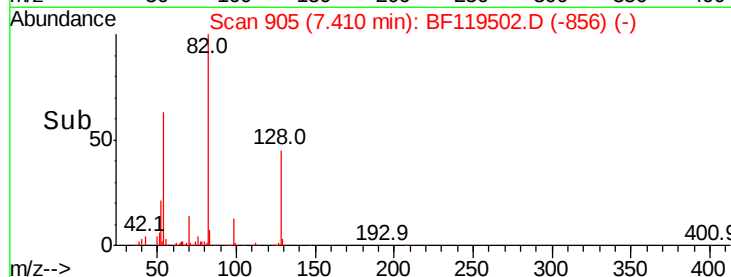
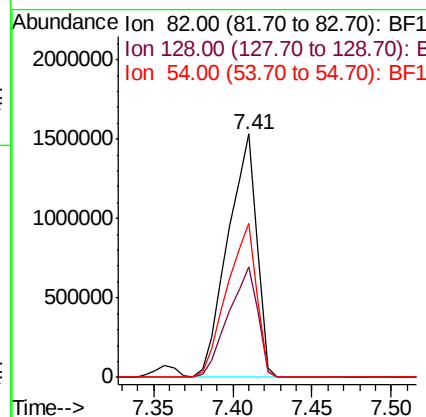
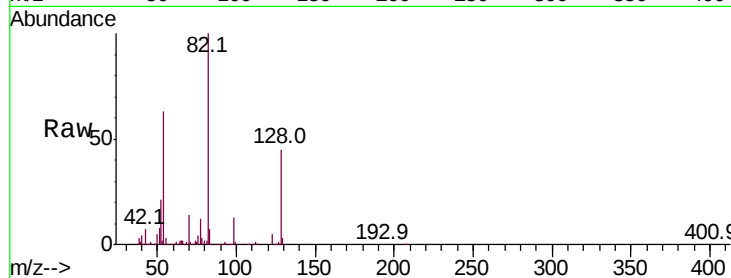




#23
Nitrobenzene-d5
Concen: 76.485 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

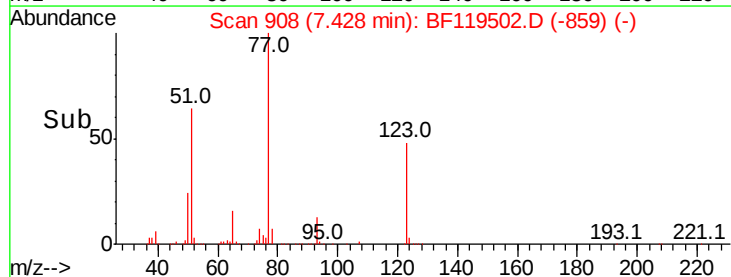
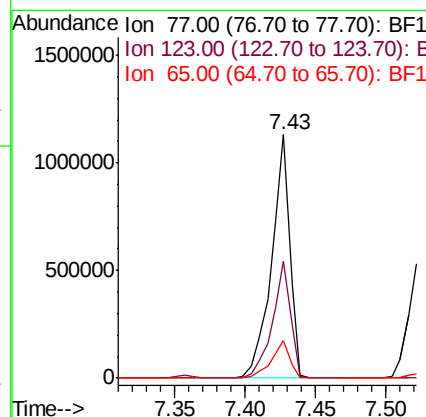
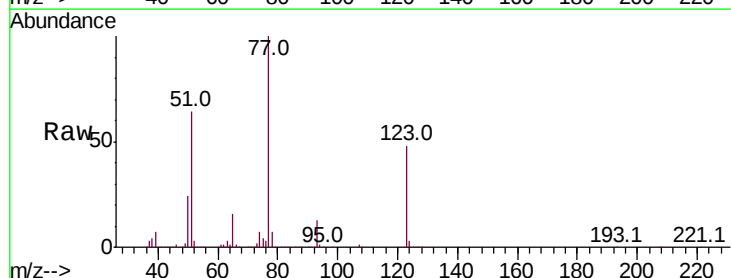
Instrument :
BNA_F
ClientSampleId :
PB127762BS

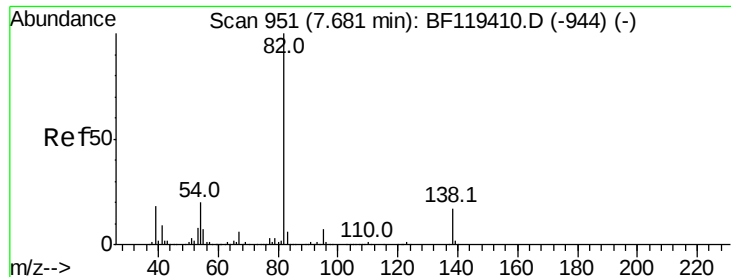
Tot Ion: 82 Resp: 1954661
Ion Ratio Lower Upper
82 100
128 45.5 35.8 53.8
54 63.3 53.4 80.0



#24
Nitrobenzene
Concen: 37.895 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion: 77 Resp: 1034979
Ion Ratio Lower Upper
77 100
123 48.3 36.9 55.3
65 15.5 12.2 18.4





#25

Isophorone

Concen: 37.744 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

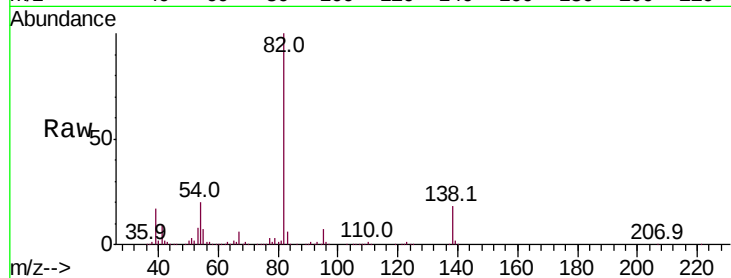
Tot Ion: 82 Resp: 1956711

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

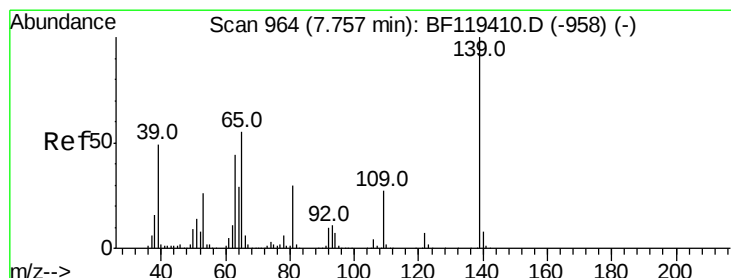
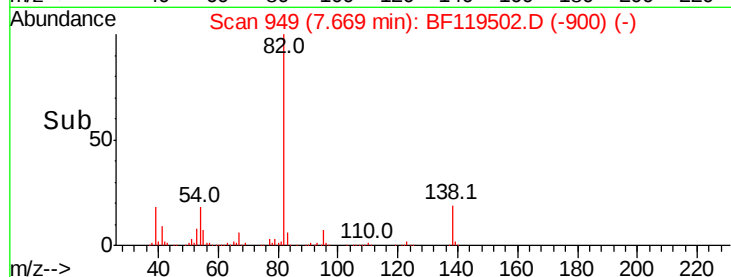
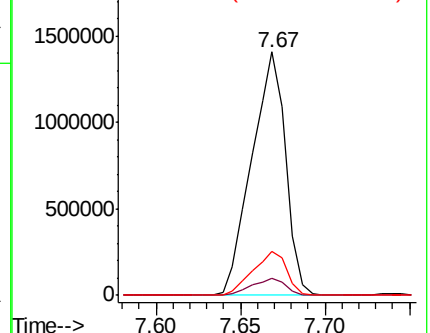
138 17.8 13.8 20.8



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: 49.118 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

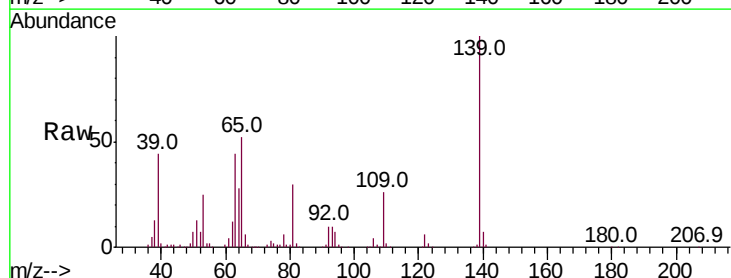
Tgt Ion: 139 Resp: 528194

Ion Ratio Lower Upper

139 100

109 26.1 21.7 32.5

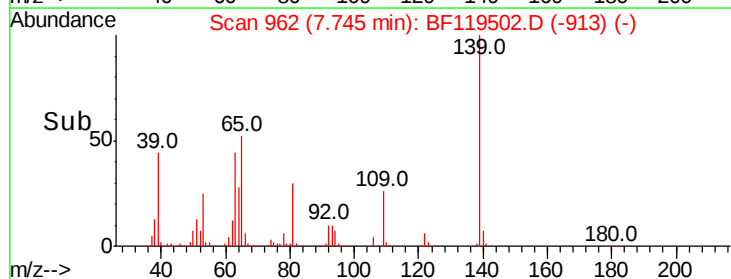
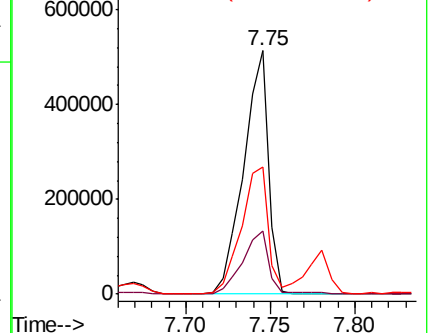
65 52.4 43.9 65.9

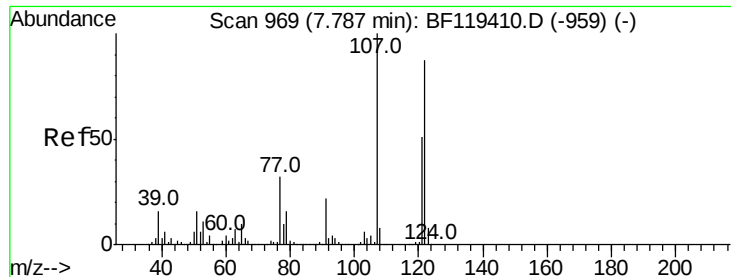


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.183 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

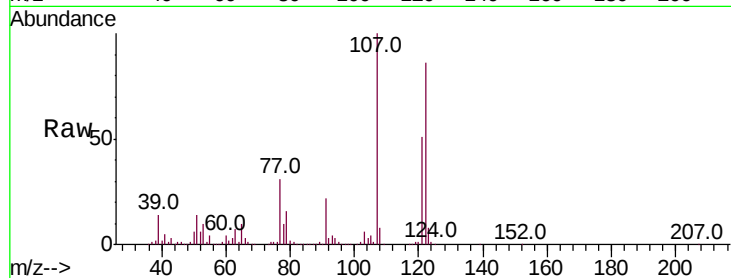
Tot Ion:122 Resp: 893500

Ion Ratio Lower Upper

122 100

107 115.7 91.8 137.6

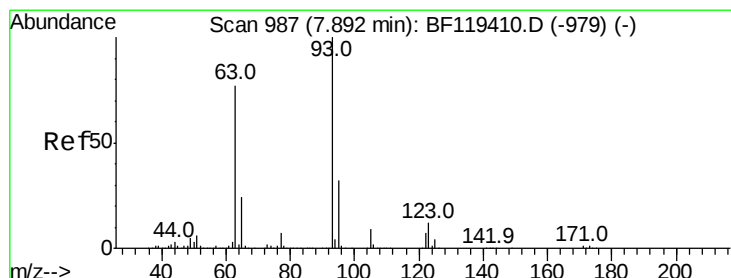
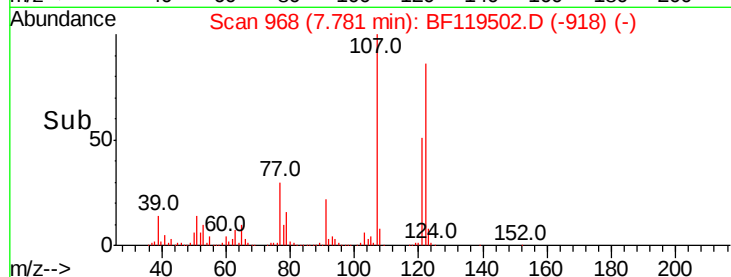
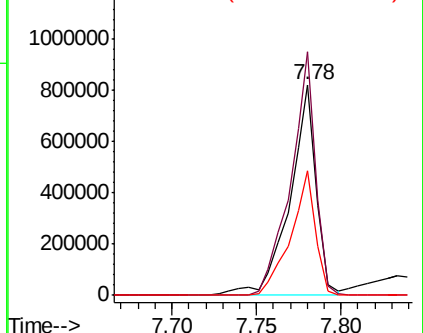
121 59.0 46.5 69.7



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: 40.464 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

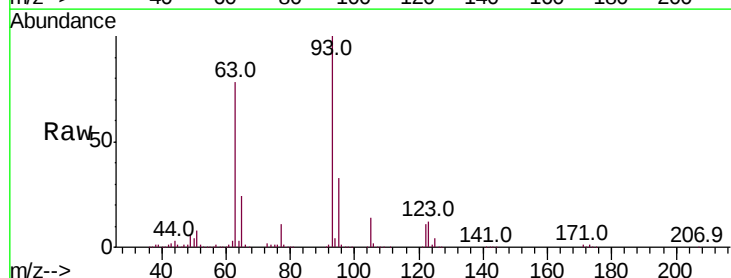
Tgt Ion: 93 Resp: 1240451

Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

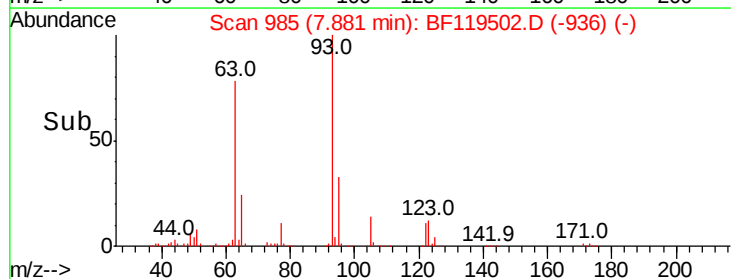
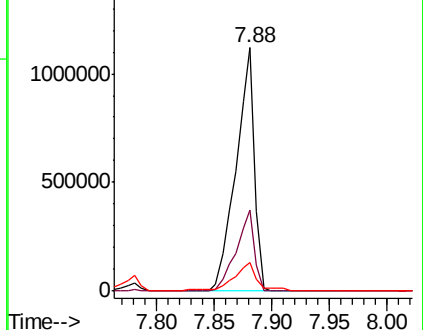
123 11.8 9.7 14.5

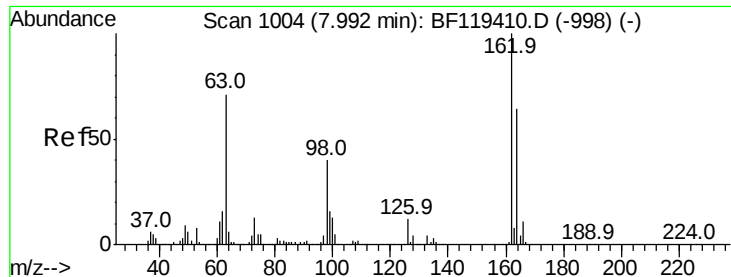


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

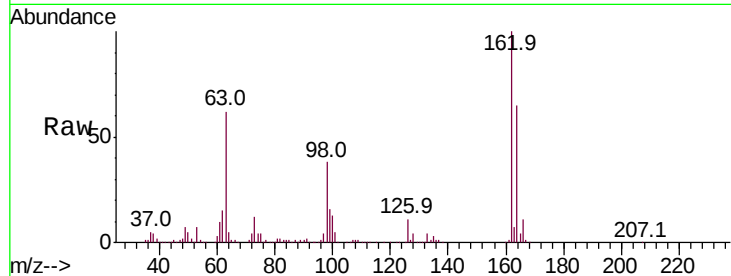




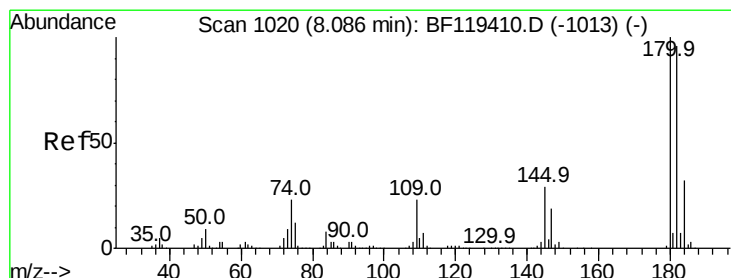
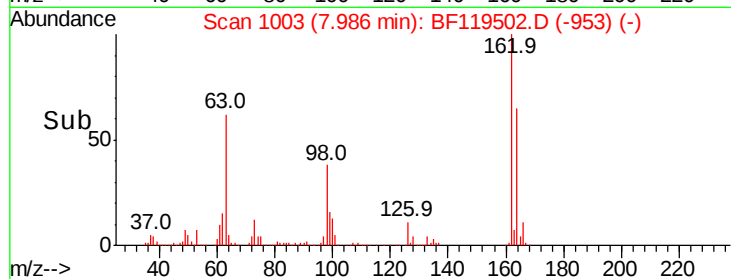
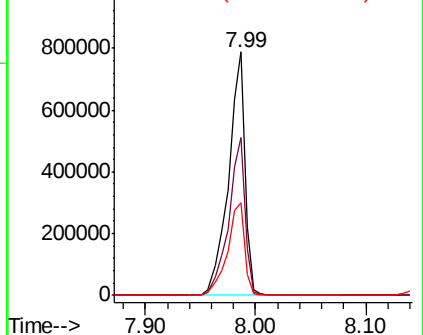
#29
2,4-Dichlorophenol
Concen: 40.685 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:162 Resp: 831229
Ion Ratio Lower Upper
162 100
164 64.7 43.6 83.6
98 38.0 20.4 60.4

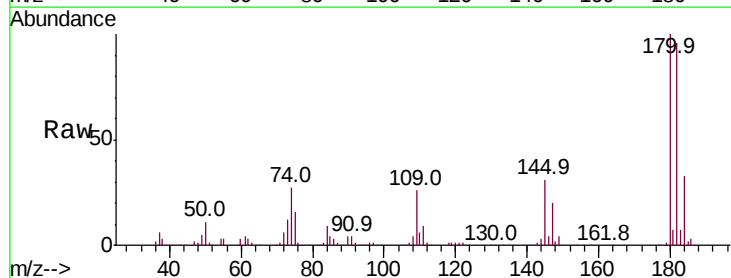


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

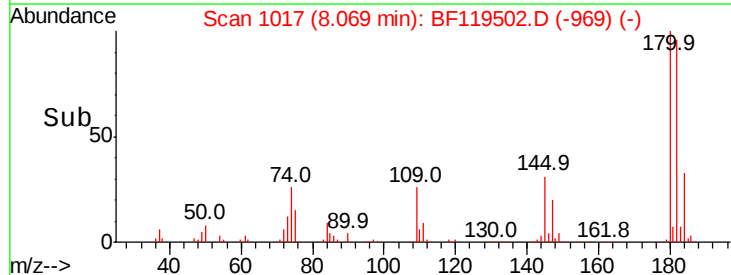
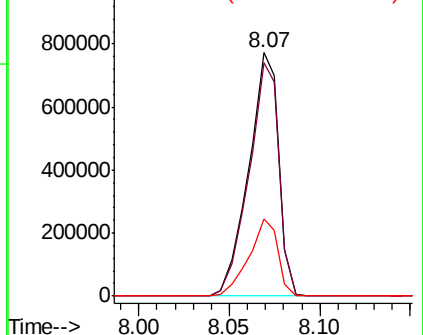


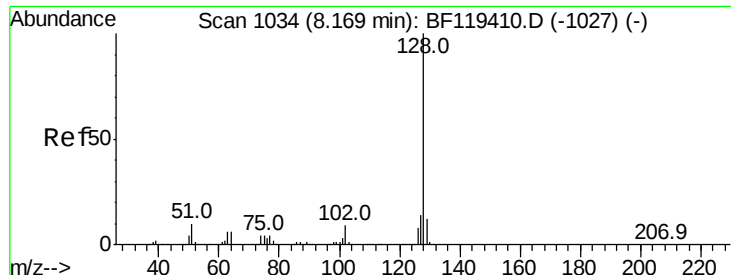
#30
1,2,4-Trichlorobenzene
Concen: 39.307 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:180 Resp: 888129
Ion Ratio Lower Upper
180 100
182 95.9 76.6 115.0
145 31.5 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

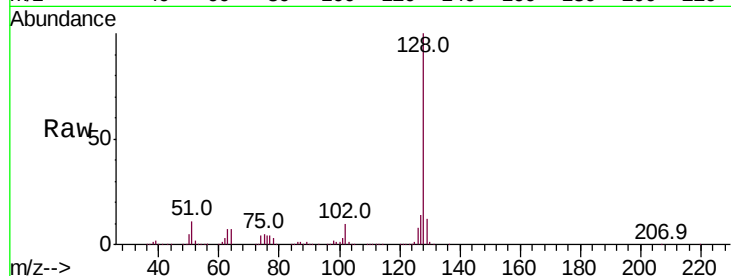




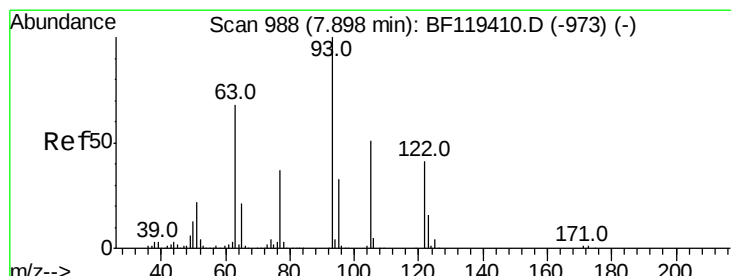
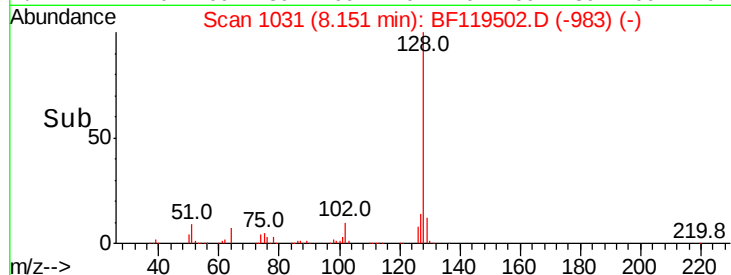
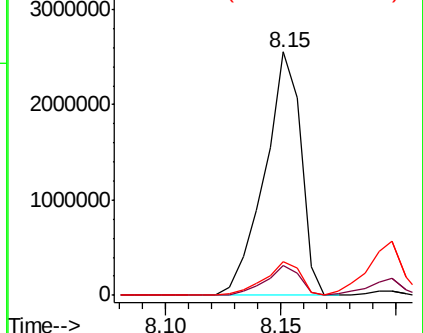
#31
Naphthalene
Concen: 38.938 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:128 Resp: 2783132
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 13.8 11.0 16.4

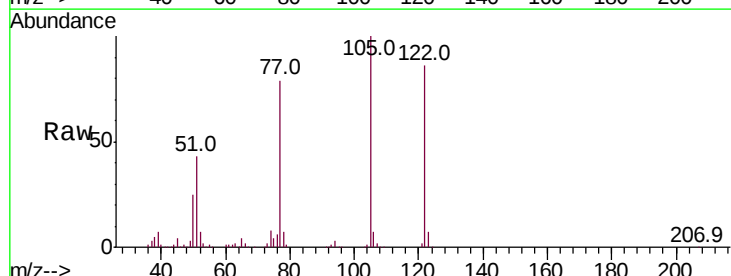


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

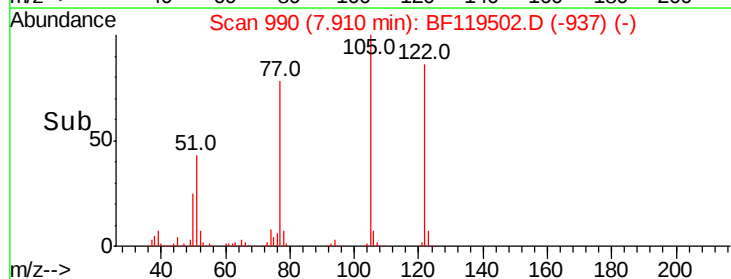
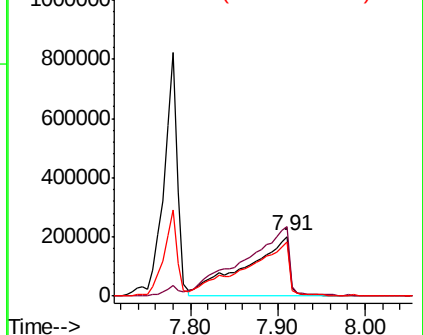


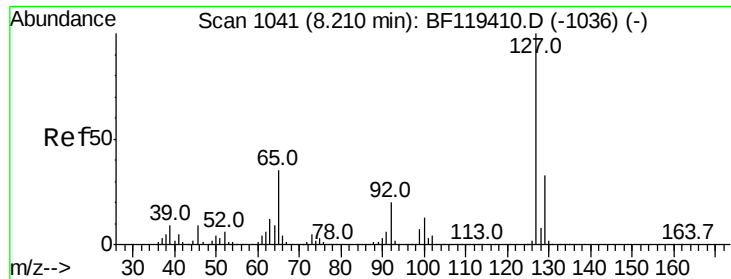
#32
Benzoic acid
Concen: 47.625 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:122 Resp: 681196
Ion Ratio Lower Upper
122 100
105 116.4 102.9 142.9
77 91.4 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

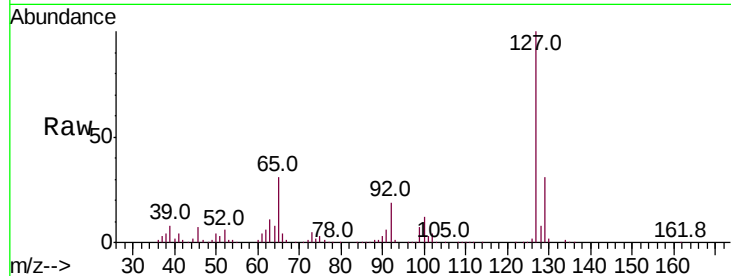




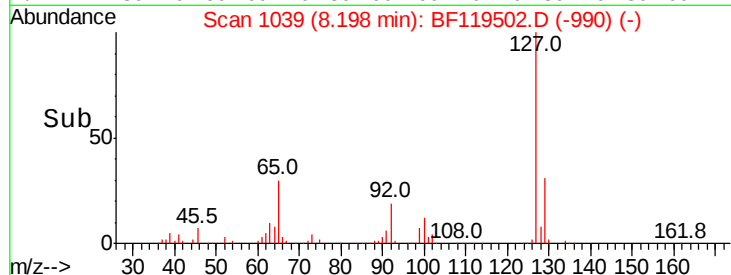
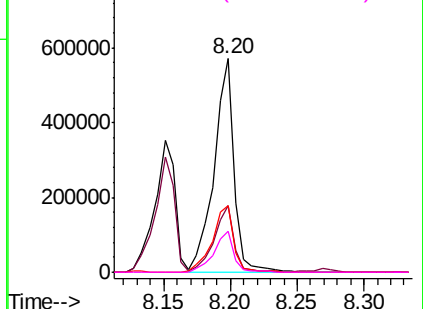
#33
 4-Chloroaniline
 Concen: 18.417 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:	127	Resp:	603167
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.4
65	31.1	27.7	41.5
92	19.1	15.8	23.6

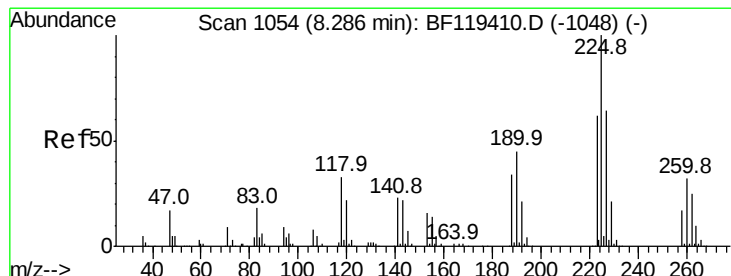


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

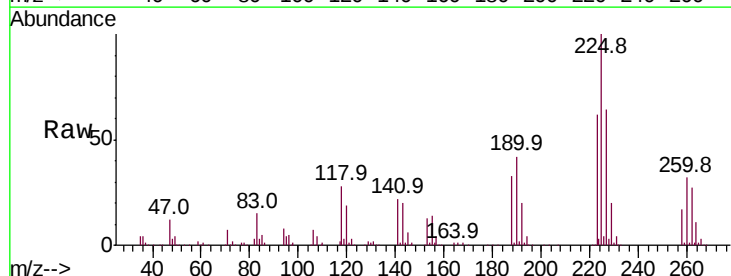
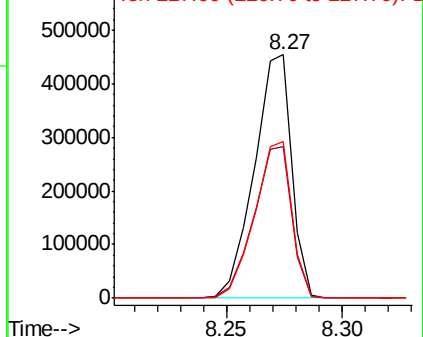


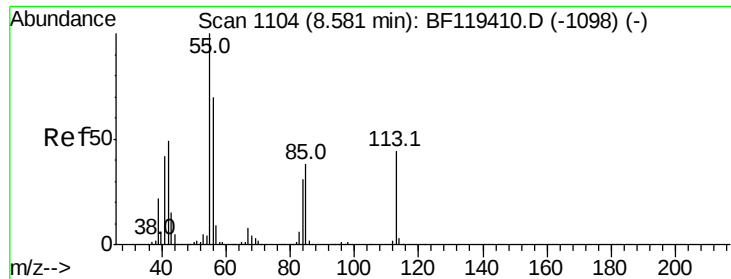
#34
 Hexachlorobutadiene
 Concen: 40.649 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion:	225	Resp:	513885
Ion	Ratio	Lower	Upper
225	100		
223	62.2	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: 22.262 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

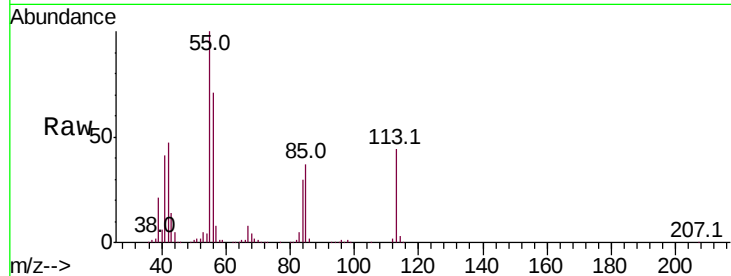
Tot Ion:113 Resp: 148858

Ion Ratio Lower Upper

113 100

55 227.2 208.4 248.4

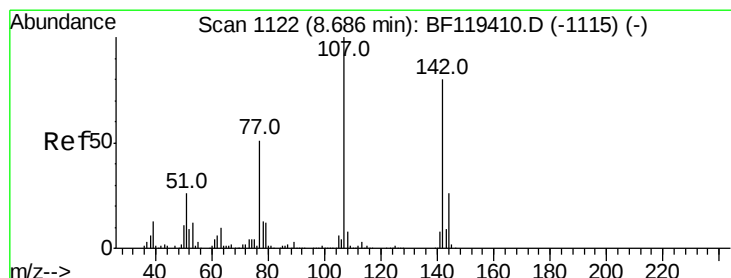
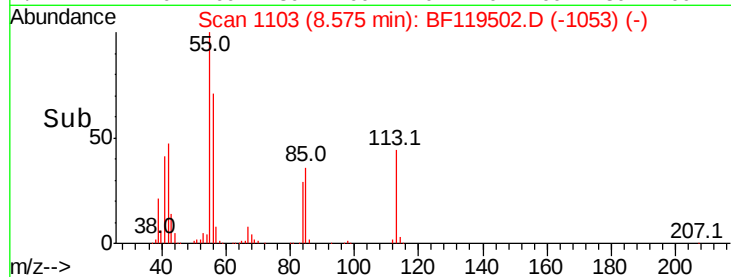
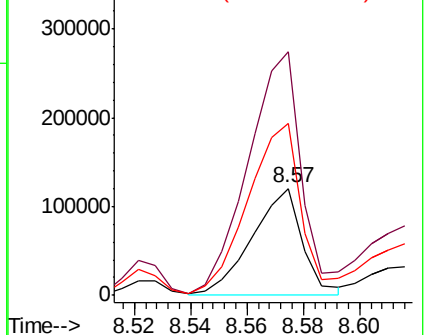
56 160.8 138.9 178.9



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: 40.864 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

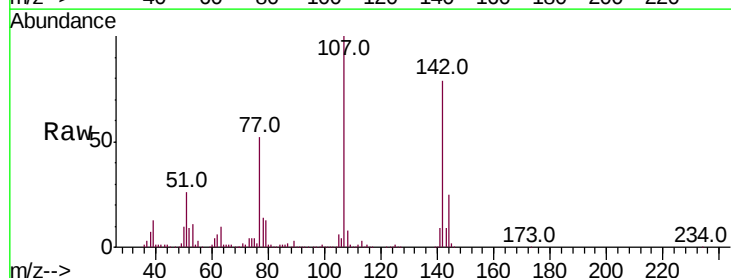
Tgt Ion:107 Resp: 912500

Ion Ratio Lower Upper

107 100

144 24.8 20.6 31.0

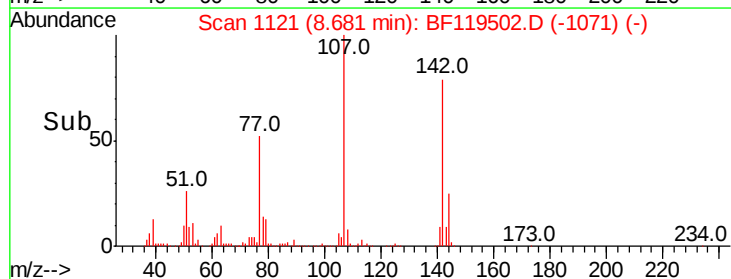
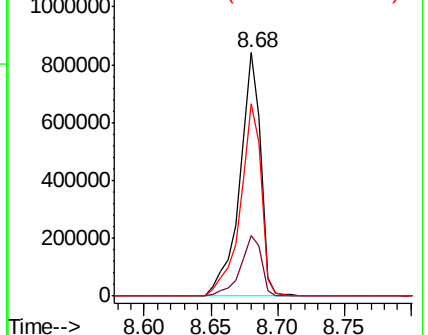
142 79.1 63.8 95.6

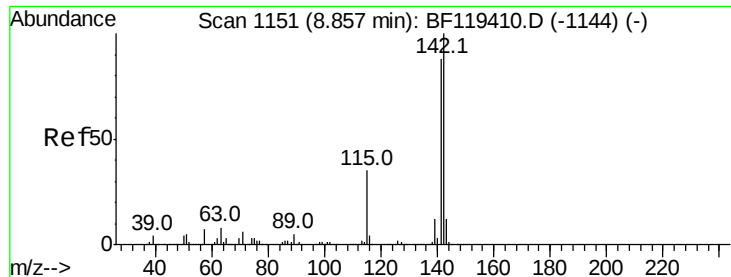


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

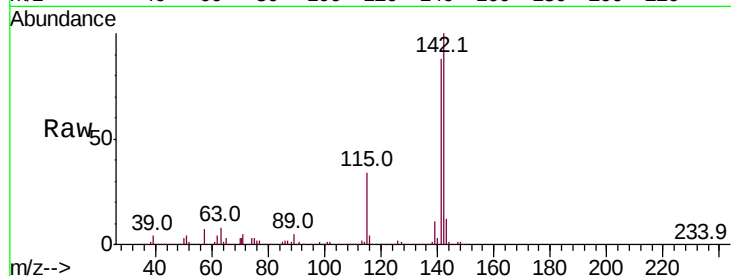




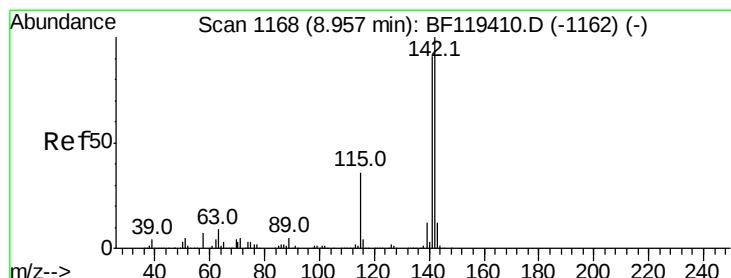
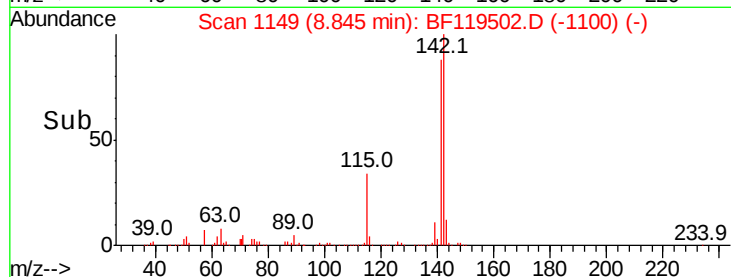
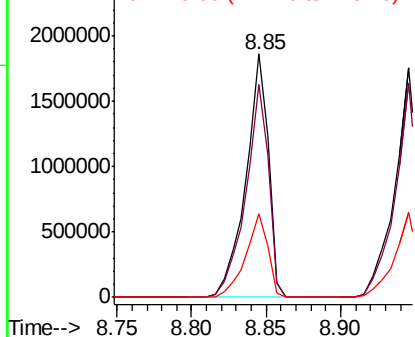
#37
2-Methylnaphthalene
Concen: 41.387 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:142 Resp: 1941406
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6
115 34.4 27.8 41.6

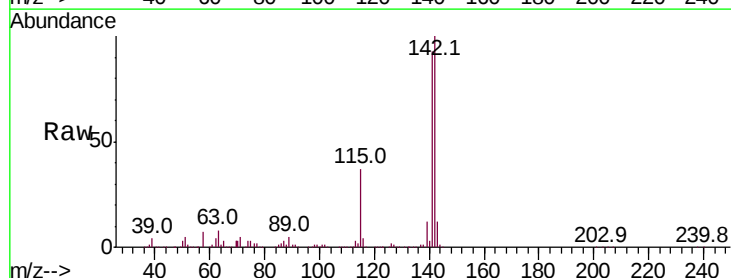


Abundance Ion 142.00 (141.70 to 142.70): E
2500000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

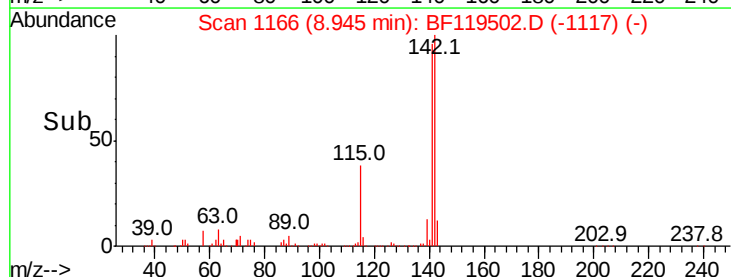
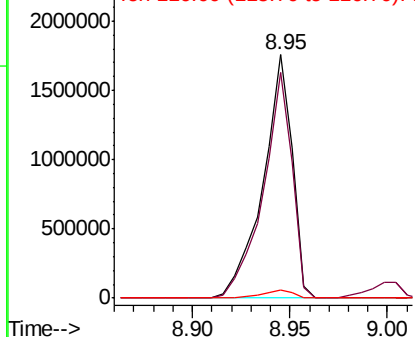


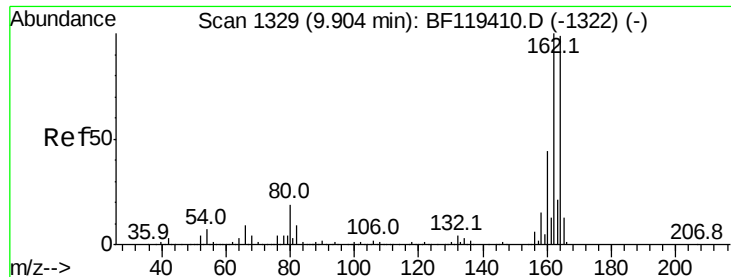
#38
1-Methylnaphthalene
Concen: 41.066 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:142 Resp: 1823323
Ion Ratio Lower Upper
142 100
141 92.9 73.1 109.7
116 3.6 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
2000000
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

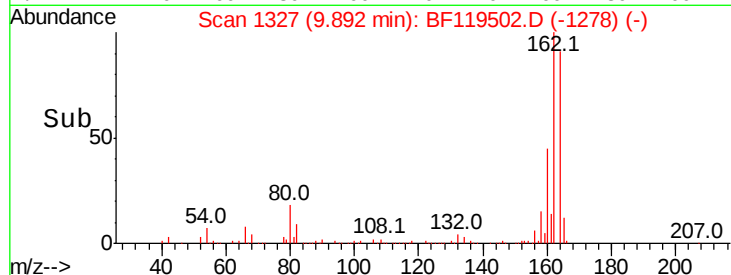
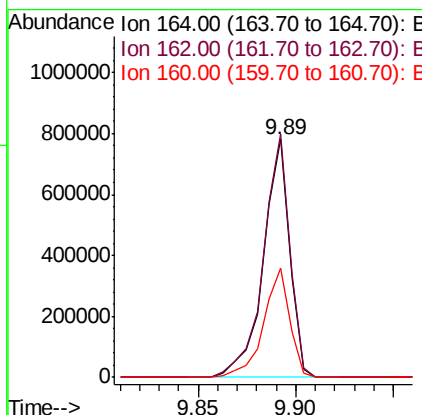
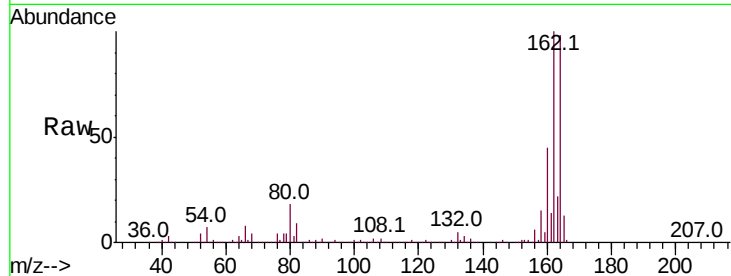




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

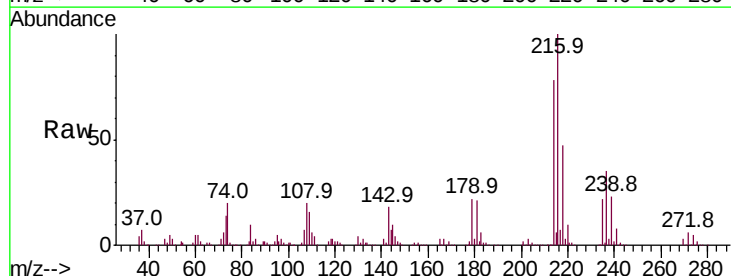
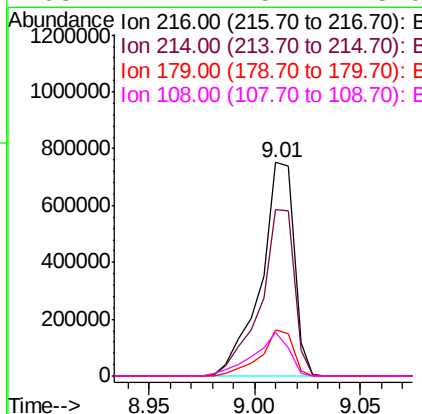
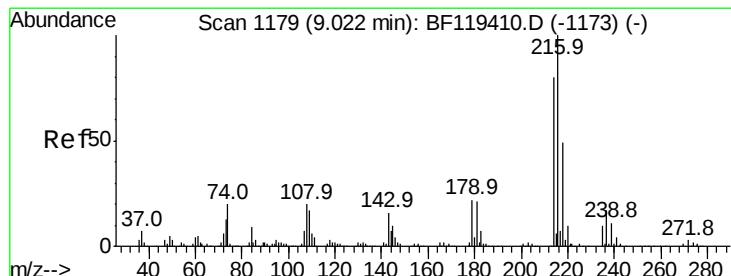
Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

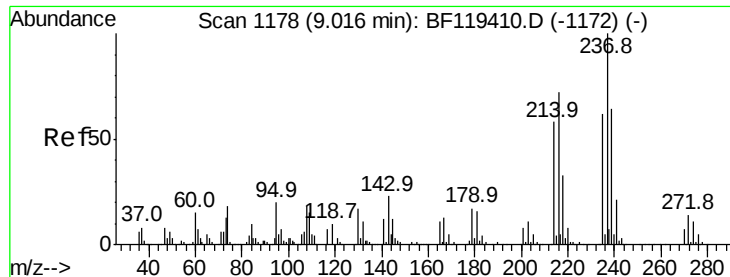
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	46.0	35.5	53.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.540 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.6
179	20.9	17.0	25.4
108	21.4	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 83.358 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

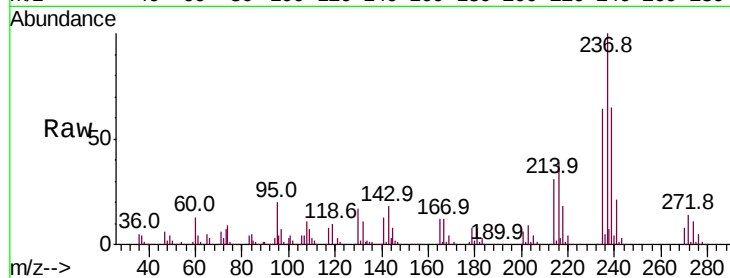
Tot Ion:237 Resp: 1016626

Ion Ratio Lower Upper

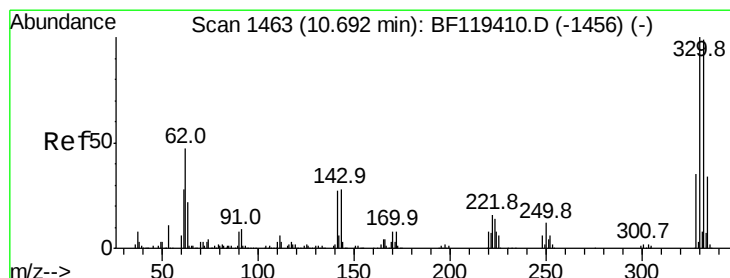
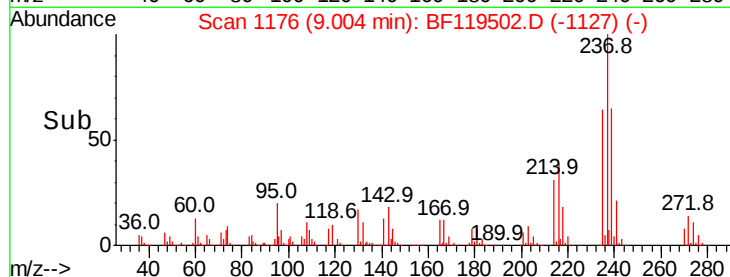
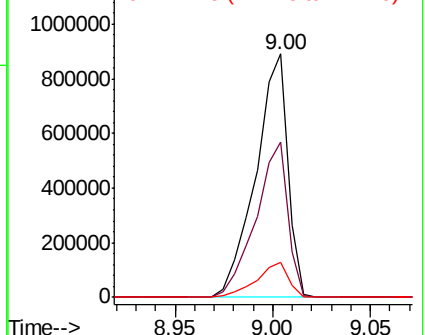
237 100

235 64.0 42.5 82.5

272 14.4 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: 123.772 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

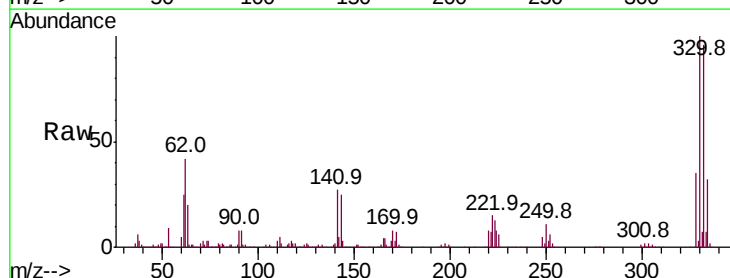
Tgt Ion:330 Resp: 934563

Ion Ratio Lower Upper

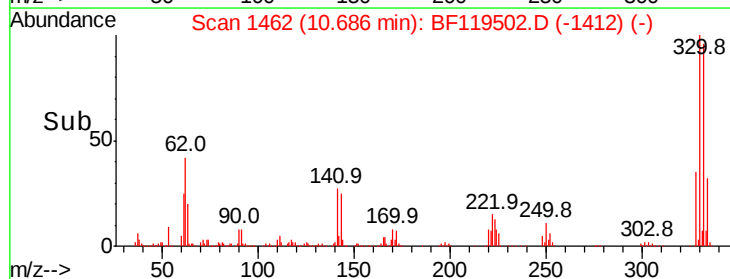
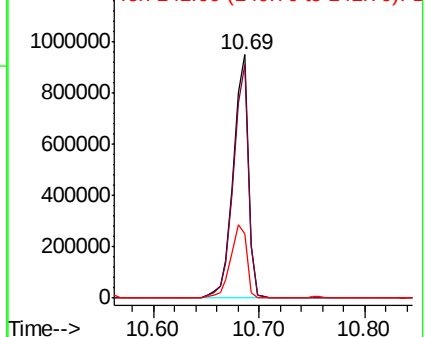
330 100

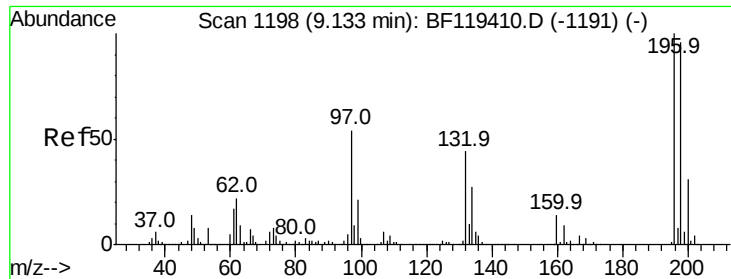
332 96.0 77.6 116.4

141 32.3 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

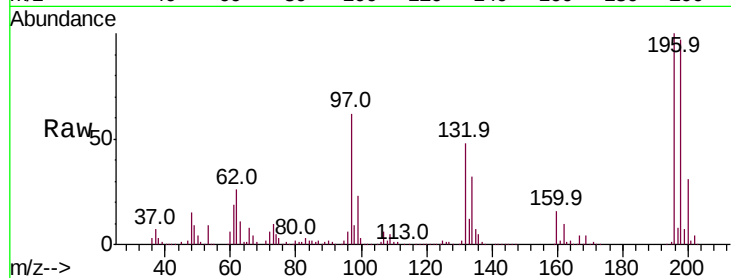




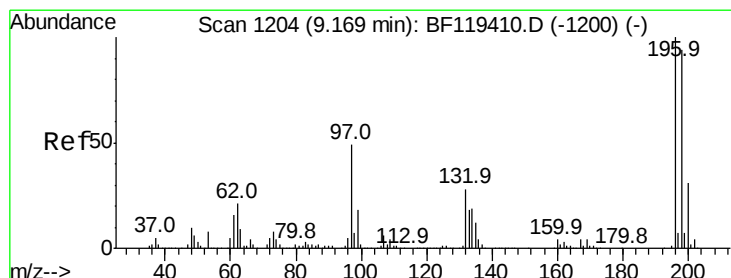
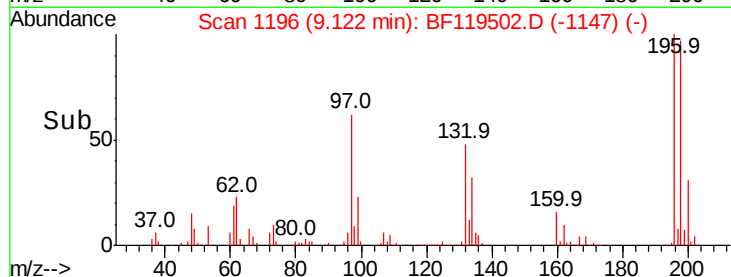
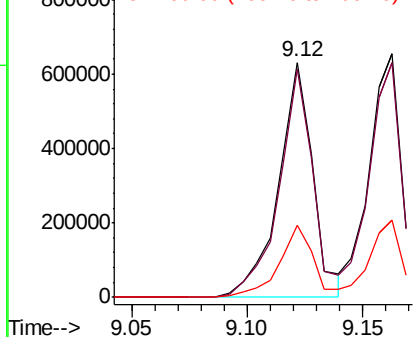
#43
 2,4,6-Trichlorophenol
 Concen: 42.261 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:196 Resp: 648779
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.0 115.4
 200 30.8 25.1 37.7

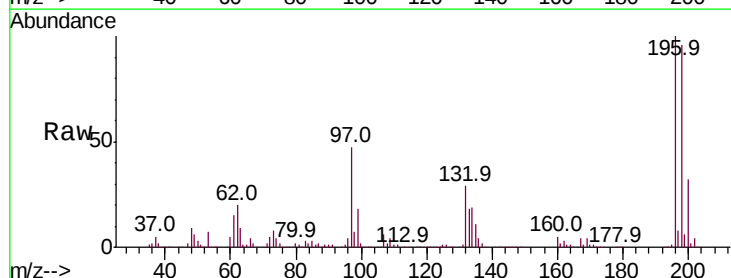


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

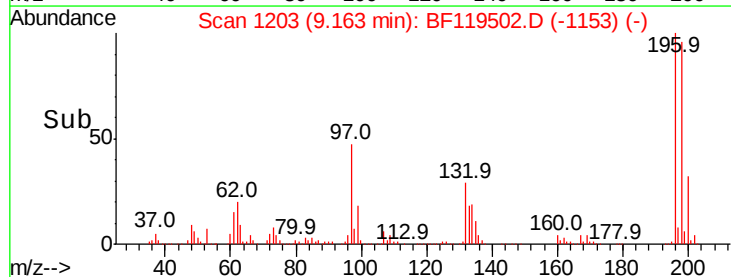
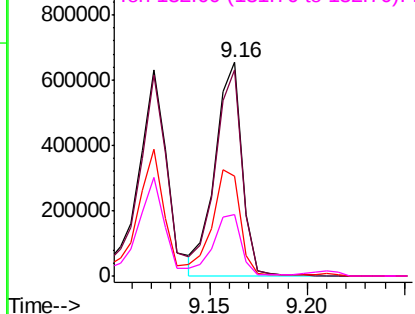


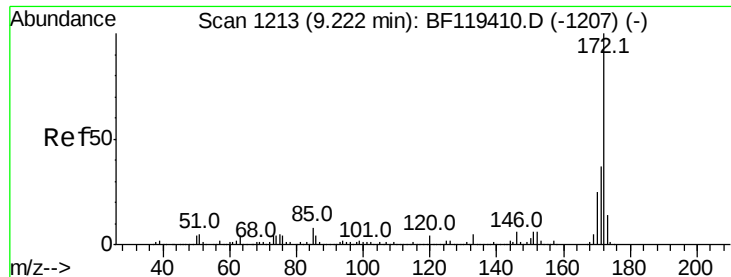
#44
 2,4,5-Trichlorophenol
 Concen: 36.669 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion:196 Resp: 630615
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.3 112.9
 97 46.8 39.0 58.4
 132 28.5 22.9 34.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



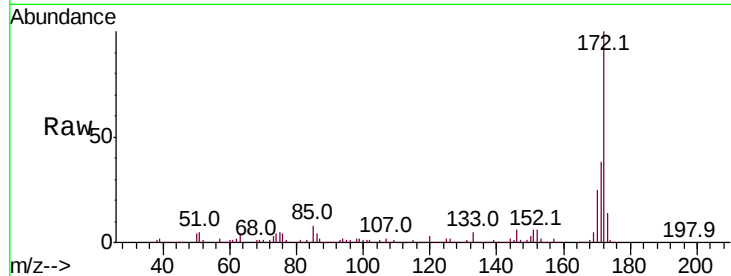


#45
 2-Fluorobiphenyl
 Concen: 75.285 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

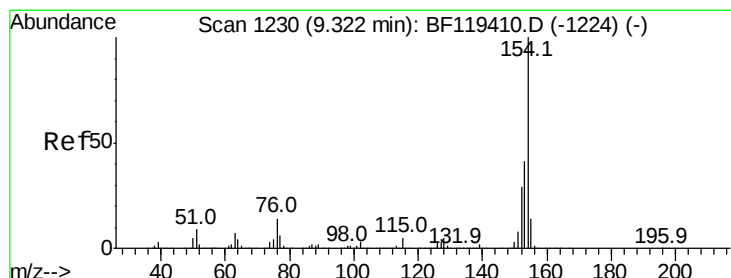
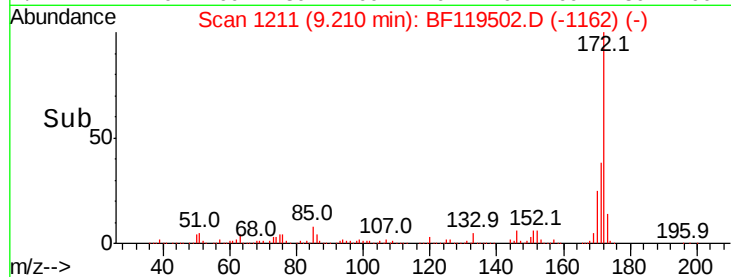
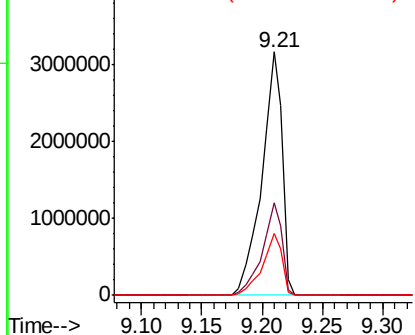
Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:172 Resp: 3719307

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.9	44.9
170	25.2	20.1	30.1



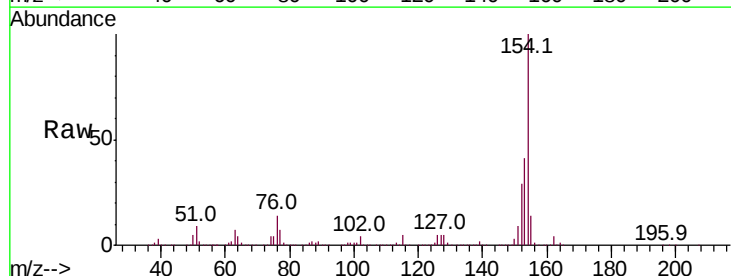
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



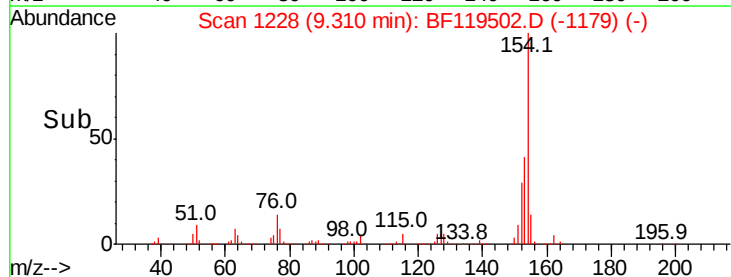
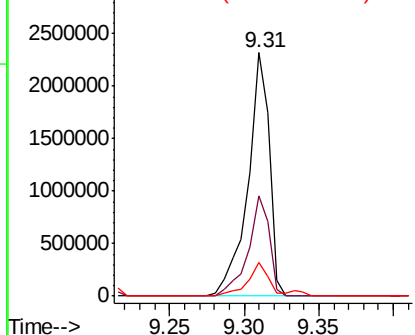
#46
 1,1'-Biphenyl
 Concen: 38.487 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

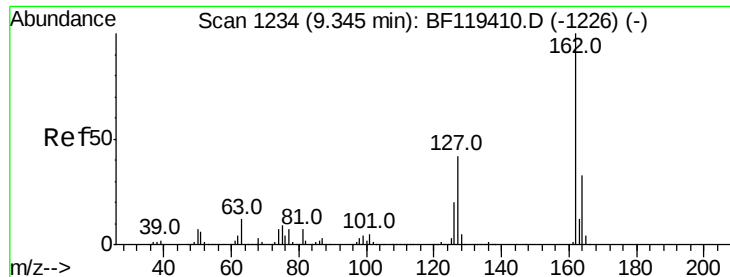
Tgt Ion:154 Resp: 2294164

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.4	61.4
76	14.0	0.0	33.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.391 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

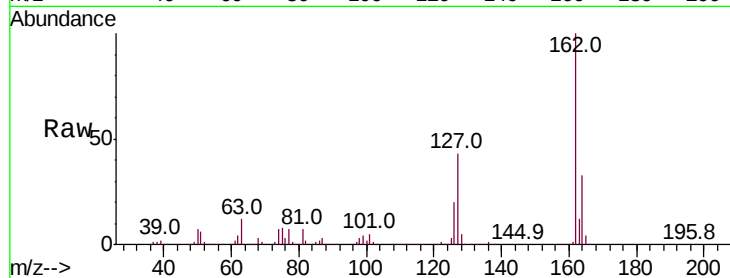
Tot Ion:162 Resp: 1792582

Ion Ratio Lower Upper

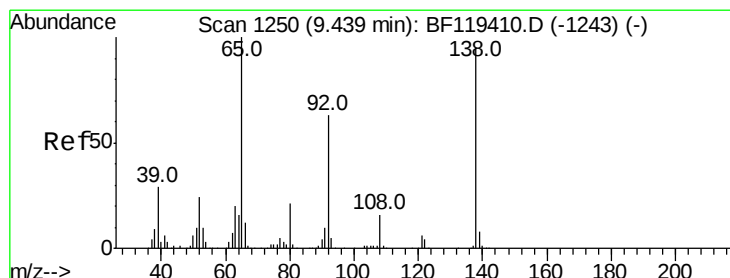
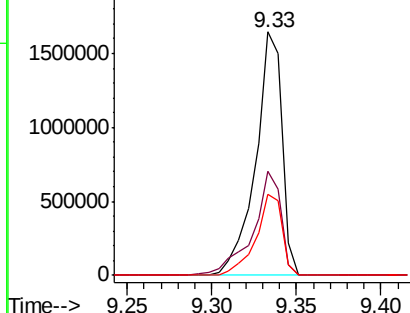
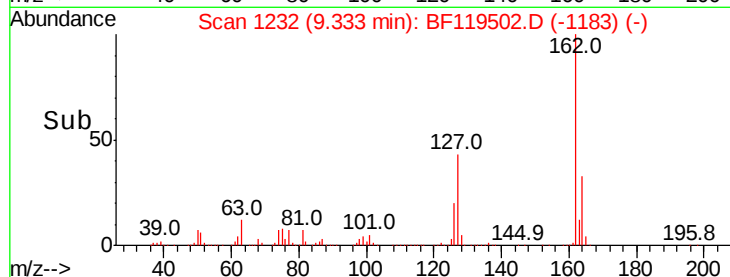
162 100

127 42.8 33.7 50.5

164 33.3 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: 40.957 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

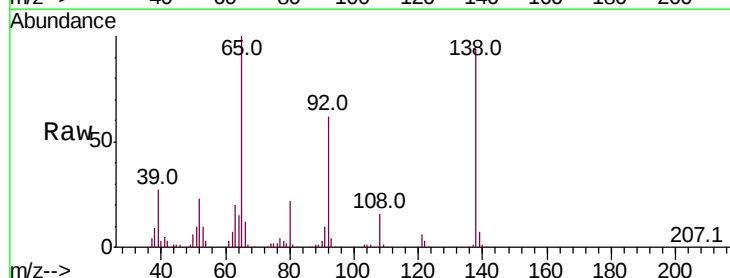
Tgt Ion: 65 Resp: 660087

Ion Ratio Lower Upper

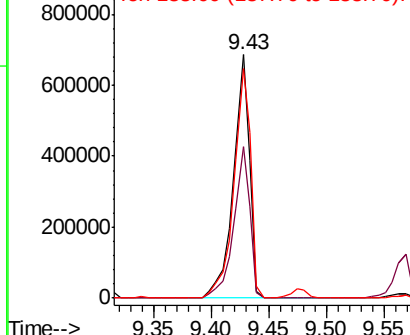
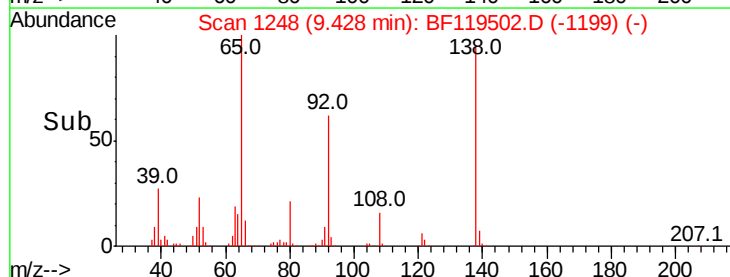
65 100

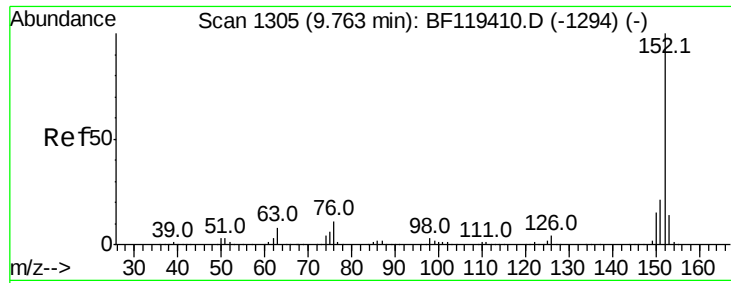
92 62.3 50.5 75.7

138 94.5 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: 38.239 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

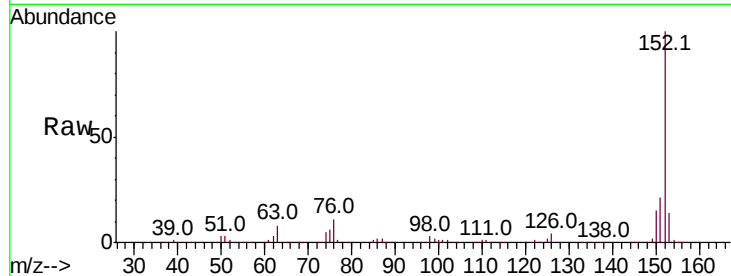
Tot Ion:152 Resp: 2803810

Ion Ratio Lower Upper

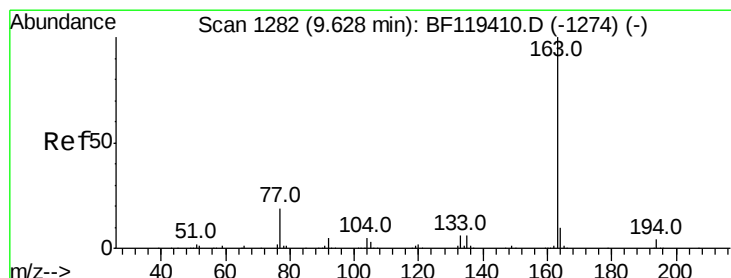
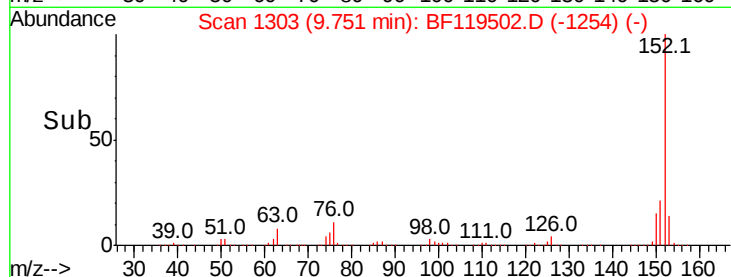
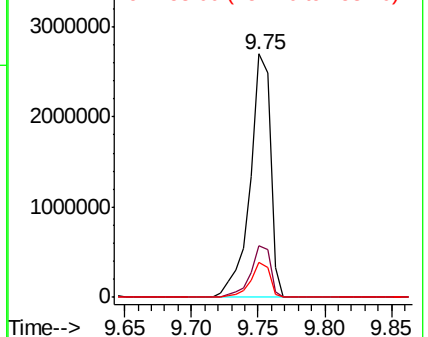
152 100

151 21.0 16.8 25.2

153 14.1 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: 40.731 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

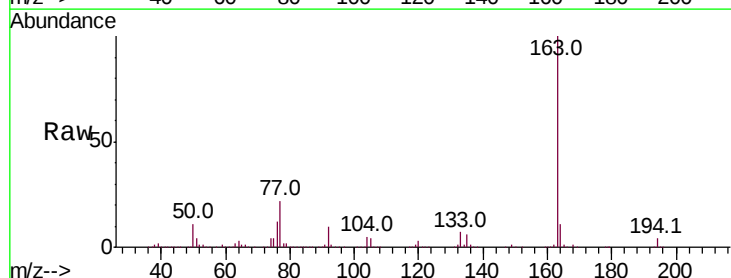
Tgt Ion:163 Resp: 2117478

Ion Ratio Lower Upper

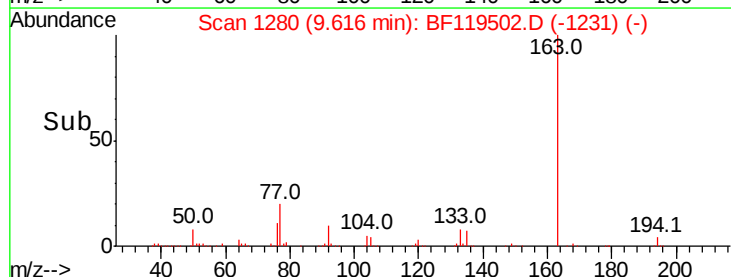
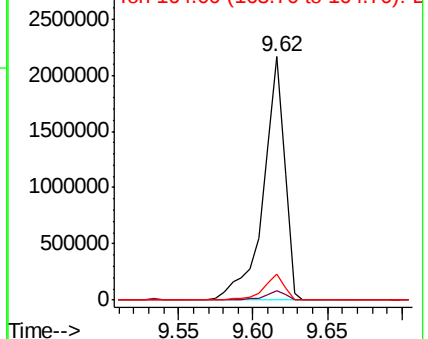
163 100

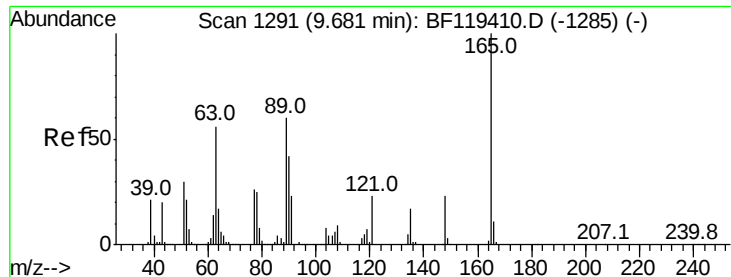
194 4.0 3.2 4.8

164 10.6 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: 43.371 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

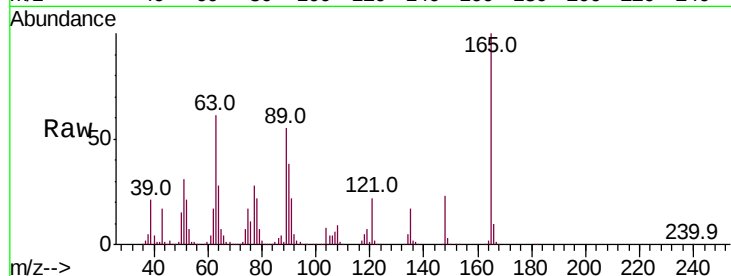
Tot Ion:165 Resp: 483284

Ion Ratio Lower Upper

165 100

63 60.5 57.3 85.9

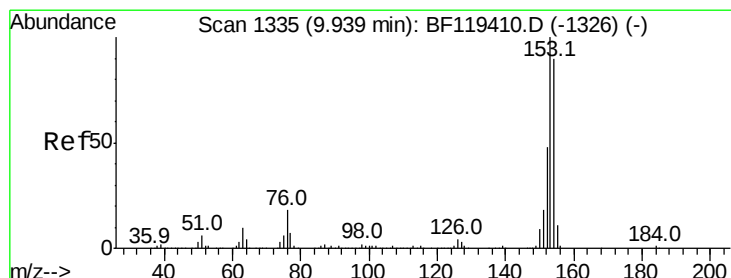
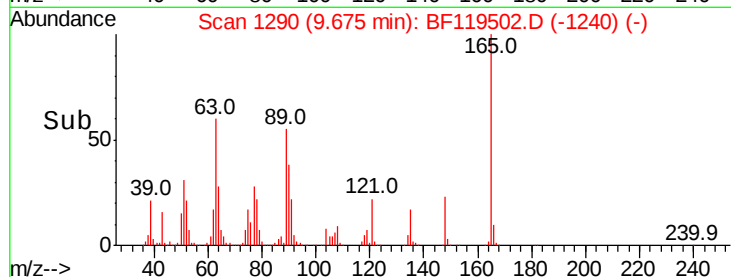
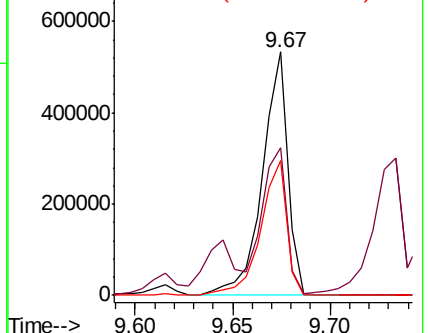
89 55.1 47.8 71.8



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: 42.990 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

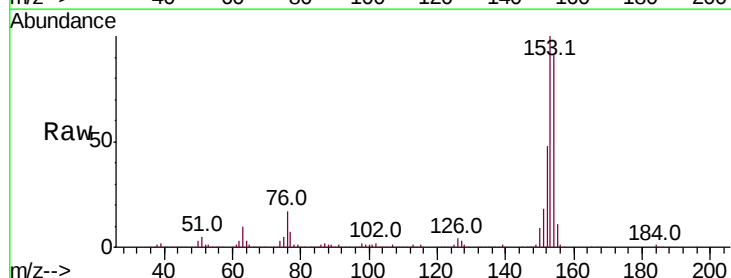
Tgt Ion:154 Resp: 1965134

Ion Ratio Lower Upper

154 100

153 109.6 89.0 133.6

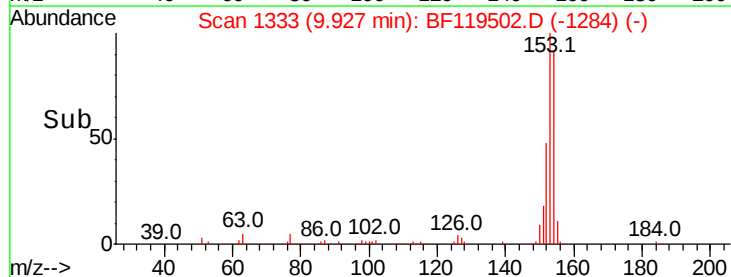
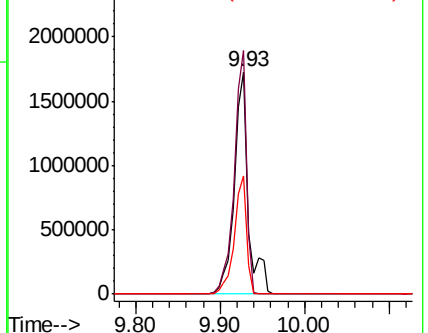
152 53.1 43.1 64.7

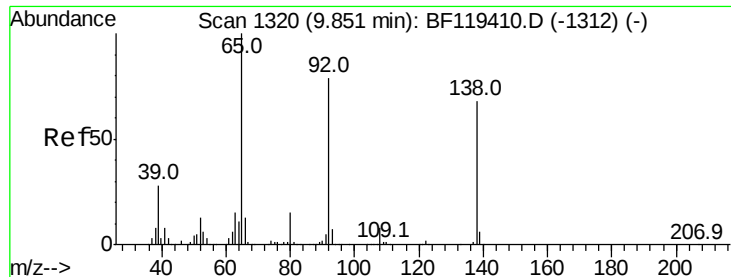


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

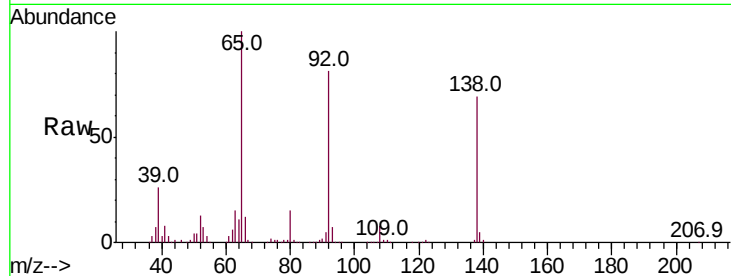




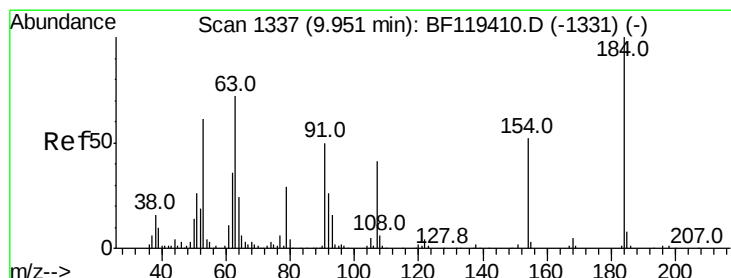
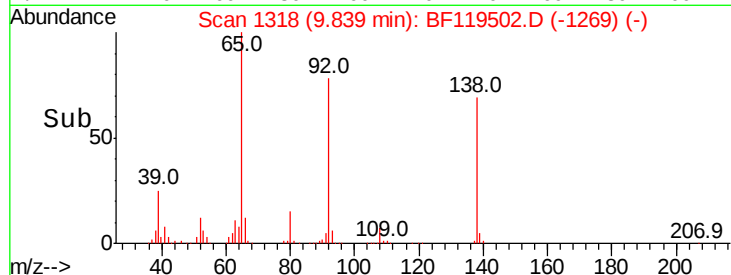
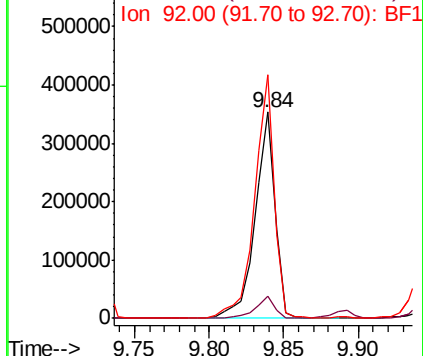
#53
3-Nitroaniline
Concen: 22.965 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:138 Resp: 323071
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.6
92 117.9 93.2 139.8

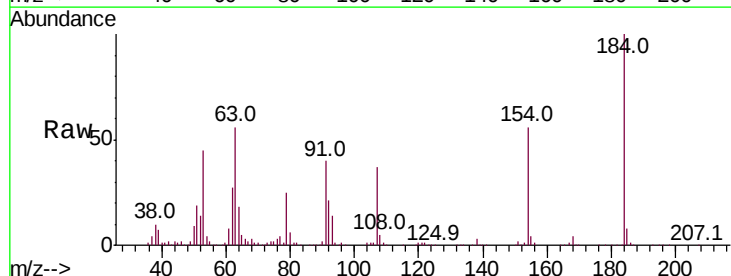


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

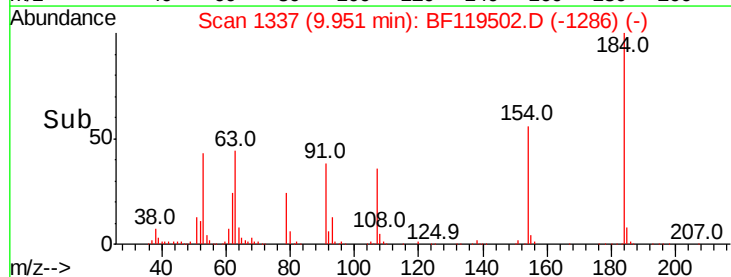
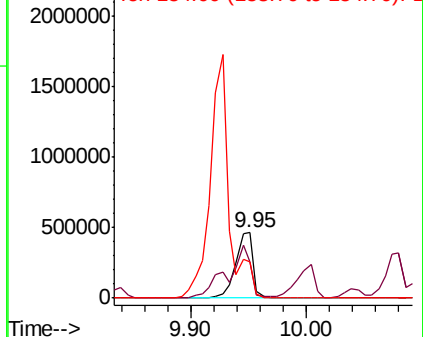


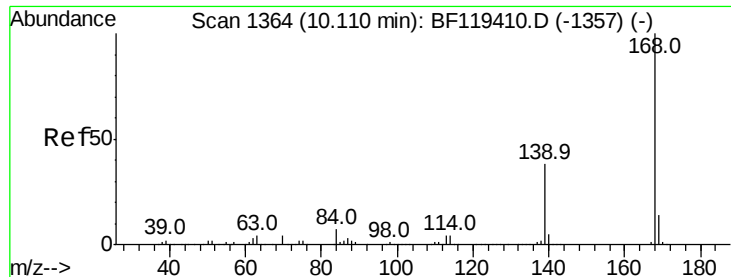
#54
2,4-Dinitrophenol
Concen: 99.171 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:184 Resp: 487407
Ion Ratio Lower Upper
184 100
63 56.2 58.5 87.7#
154 56.1 51.8 77.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

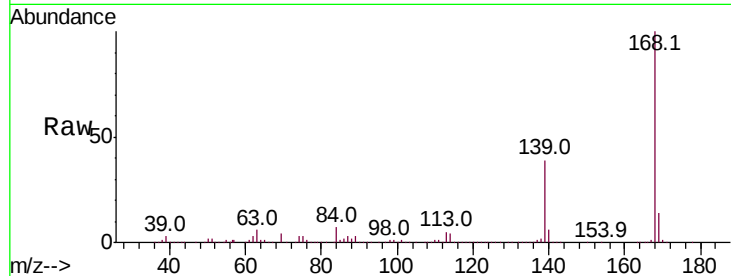




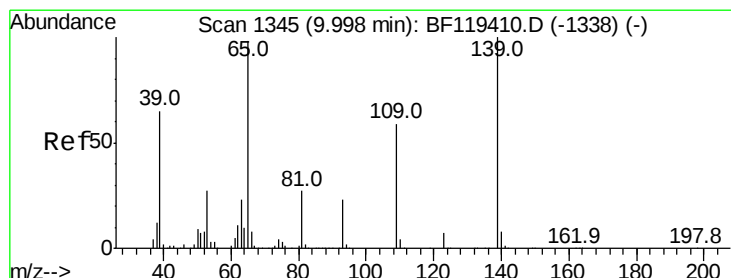
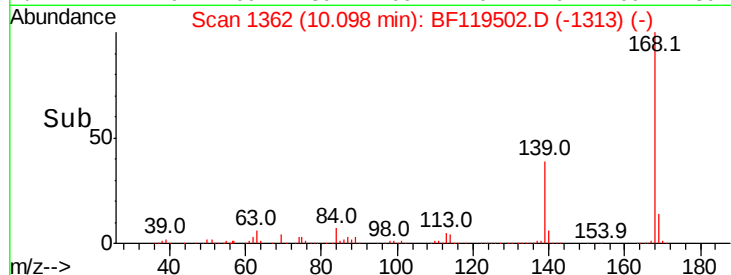
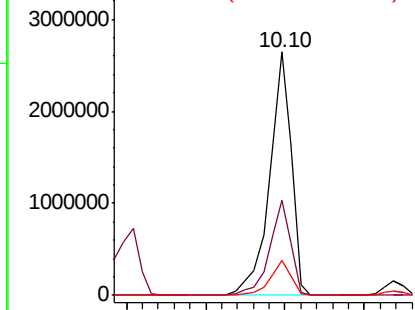
#55
Dibenzofuran
Concen: 38.700 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:168 Resp: 2536320
Ion Ratio Lower Upper
168 100
139 39.0 30.2 45.4
169 14.4 11.1 16.7

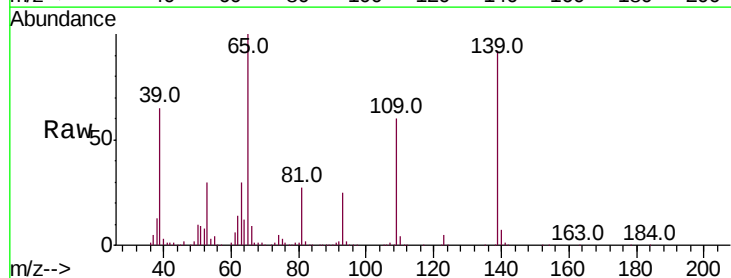


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

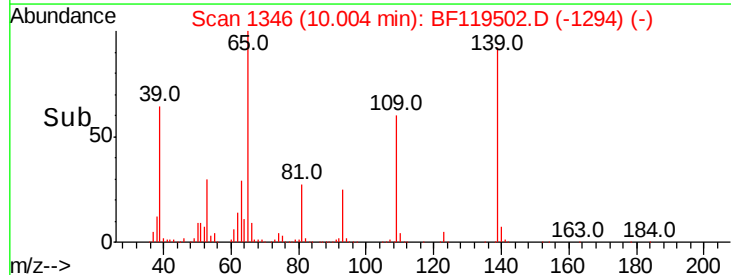
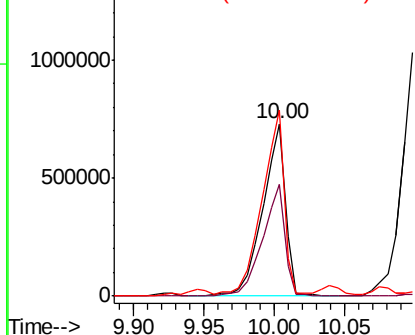


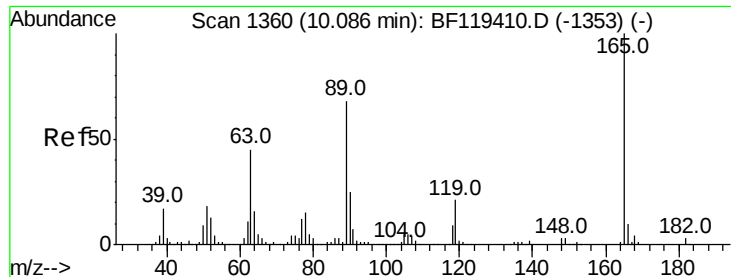
#56
4-Nitrophenol
Concen: 74.211 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:139 Resp: 823568
Ion Ratio Lower Upper
139 100
109 65.2 39.6 79.6
65 108.5 78.3 118.3



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

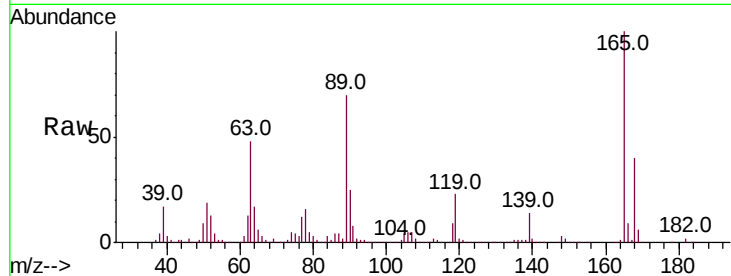




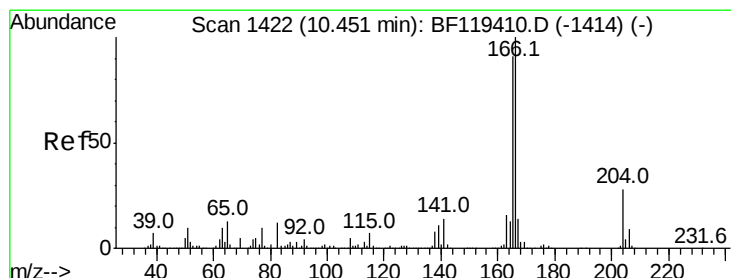
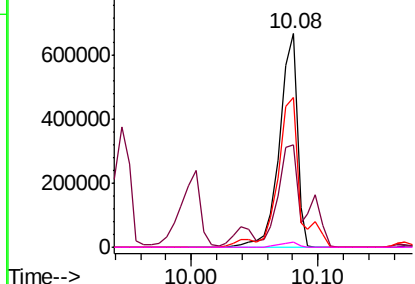
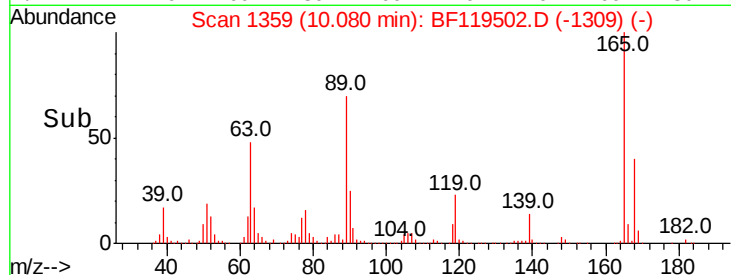
#57
2,4-Dinitrotoluene
Concen: 45.993 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:165 Resp: 645617
Ion Ratio Lower Upper
165 100
63 47.8 36.2 54.4
89 70.2 54.3 81.5
182 2.3 2.0 3.0

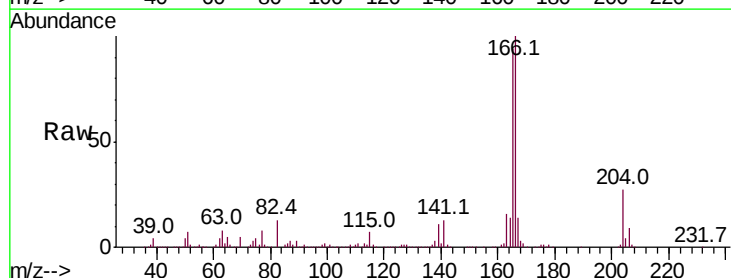


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

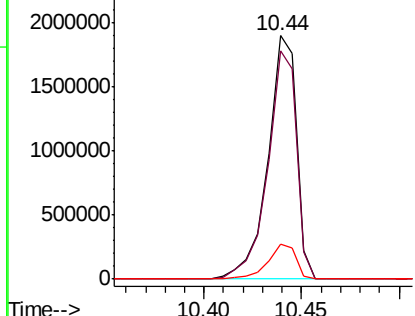
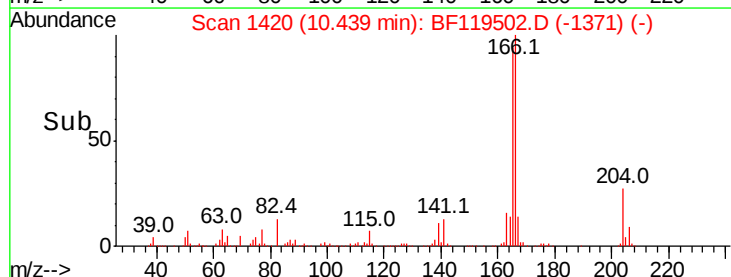


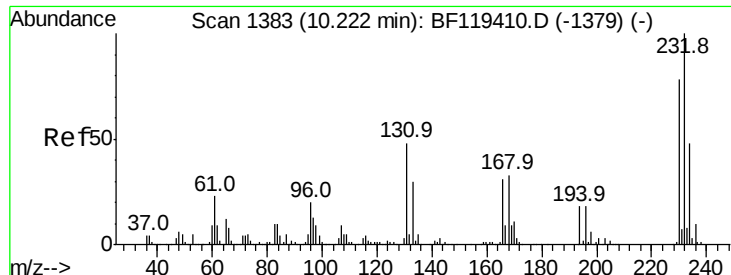
#58
Fluorene
Concen: 39.837 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:166 Resp: 1930697
Ion Ratio Lower Upper
166 100
165 94.0 73.1 109.7
167 14.3 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

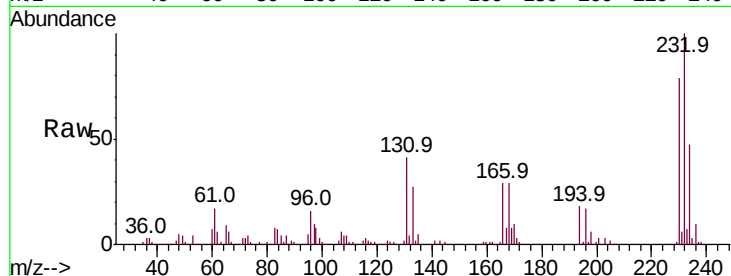




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.195 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	36.3	54.5
130	2.1	1.8	2.6
166	30.8	24.9	37.3



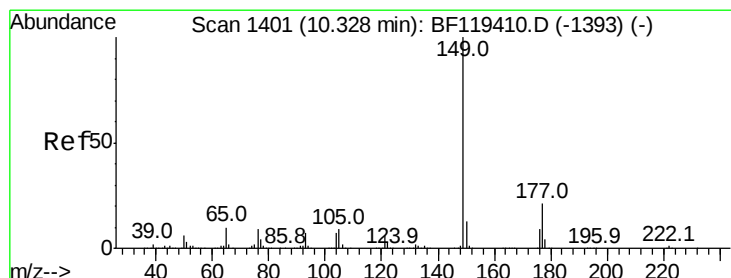
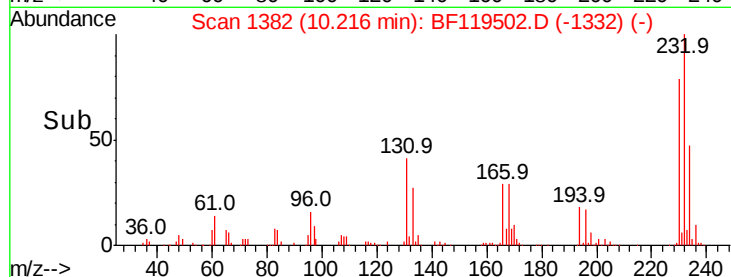
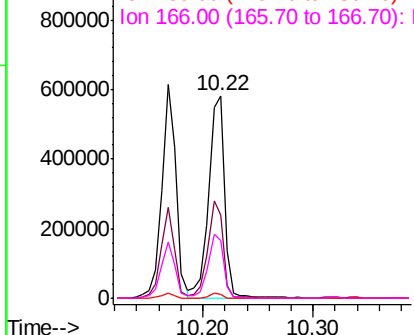
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

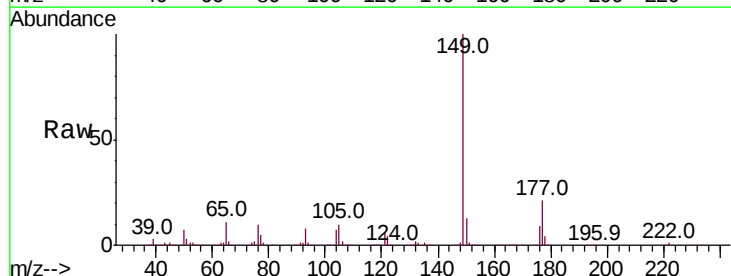
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.171 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	13.1	10.2	15.4

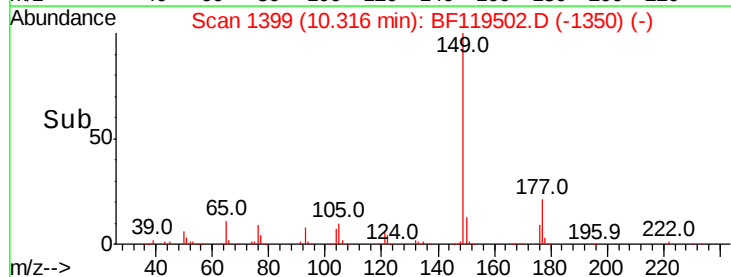
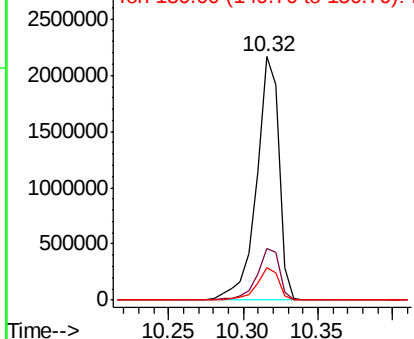


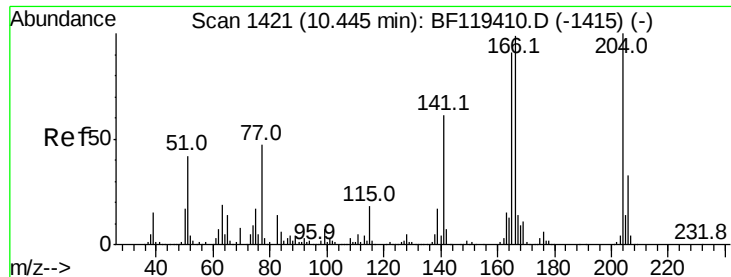
Abundance

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

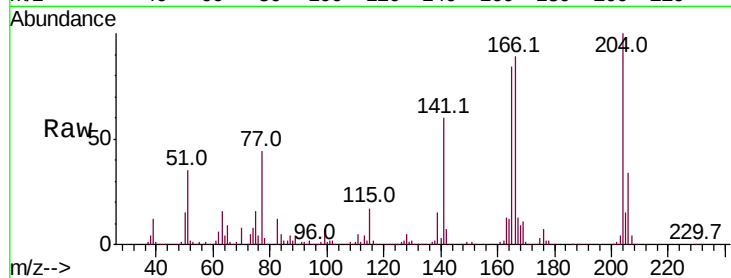




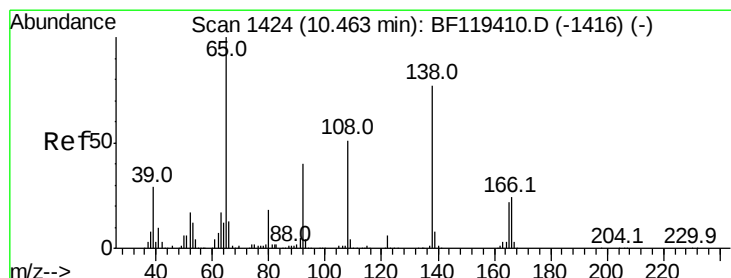
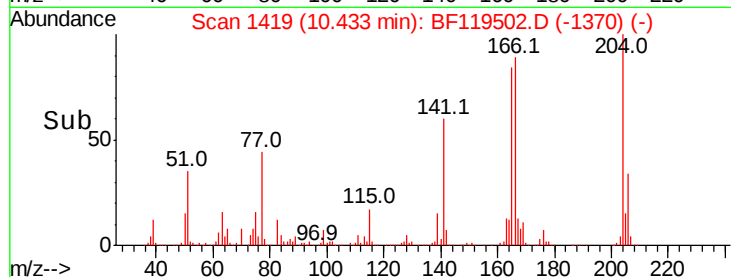
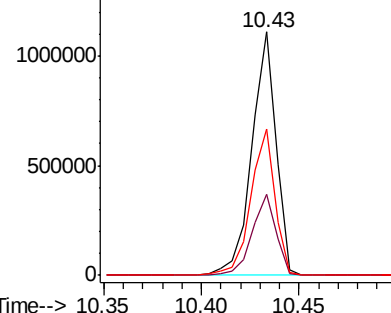
#61
4-Chlorophenyl-phenylether
Concen: 40.313 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampled :
PB127762BS

Tot Ion:204 Resp: 955409
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 60.1 48.8 73.2

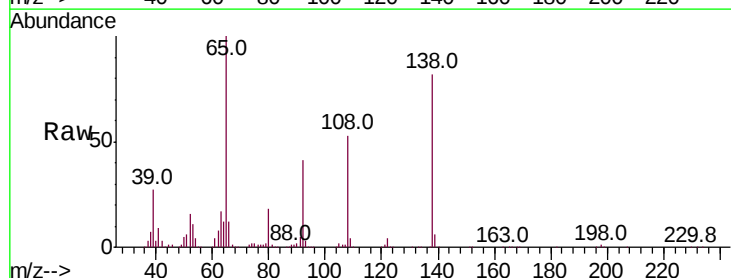


Abundance Ion 204.00 (203.70 to 204.70): E
1500000 Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

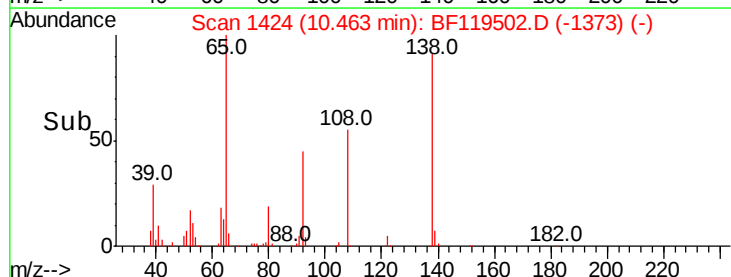
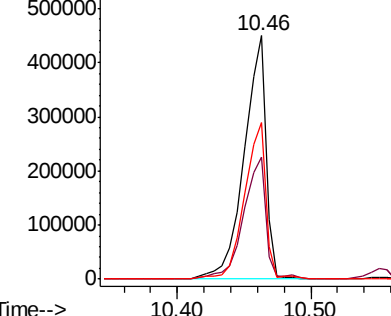


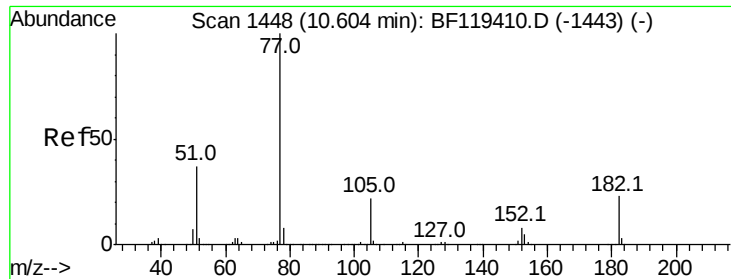
#62
4-Nitroaniline
Concen: 37.451 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:138 Resp: 505214
Ion Ratio Lower Upper
138 100
92 50.0 32.0 72.0
108 64.4 46.0 86.0



Abundance Ion 138.00 (137.70 to 138.70): E
600000 Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

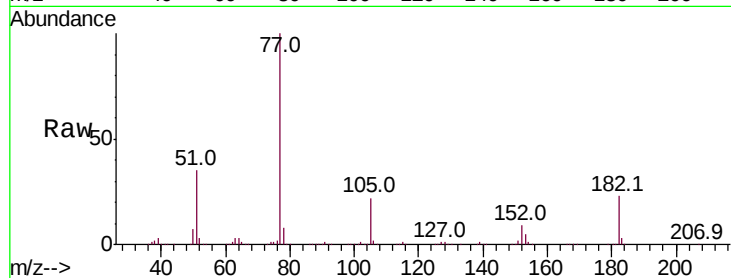




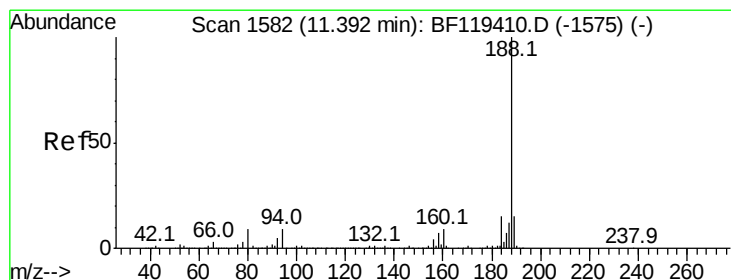
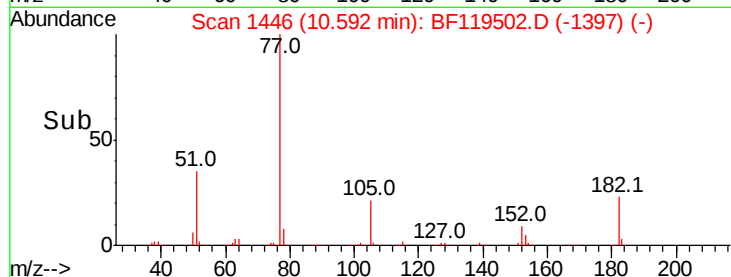
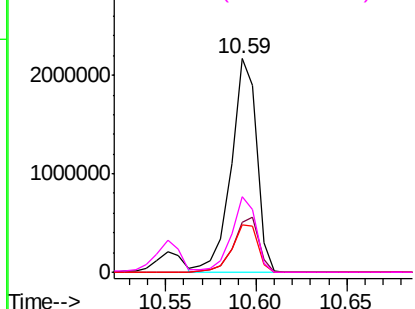
#63
Azobenzene
Concen: 39.869 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion: 77 Resp: 2118385
Ion Ratio Lower Upper
77 100
182 23.2 2.5 42.5
105 22.4 2.5 42.5
51 35.4 17.1 57.1

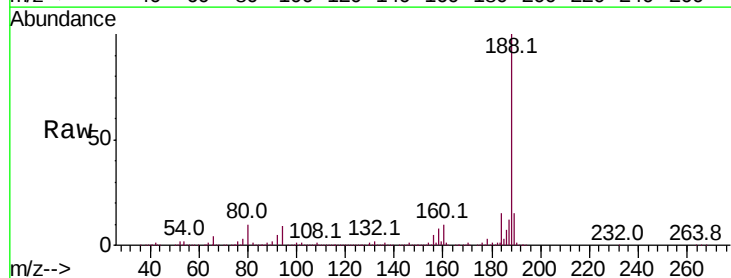


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

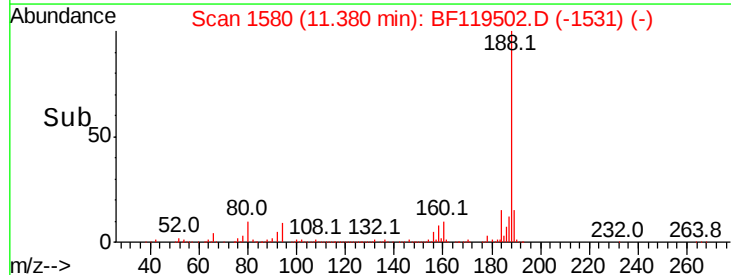
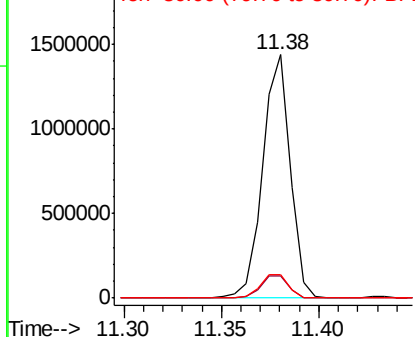


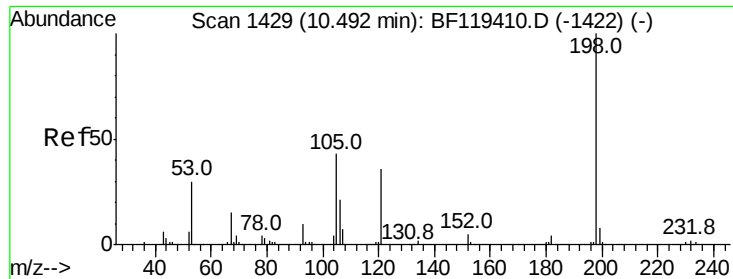
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion: 188 Resp: 1401531
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 9.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 55.114 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

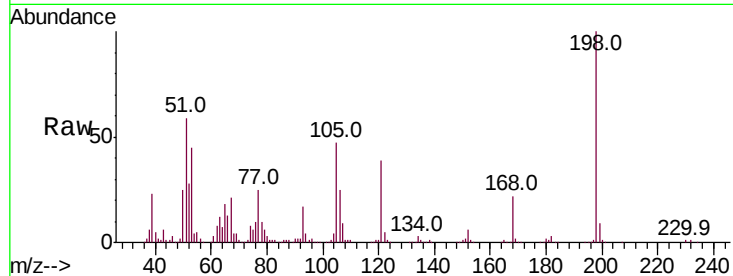
Tot Ion:198 Resp: 323907

Ion Ratio Lower Upper

198 100

51 58.7 33.1 73.1

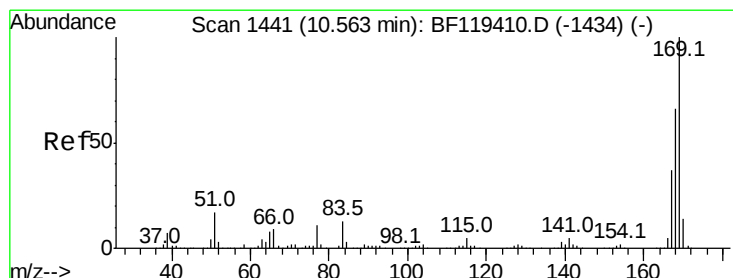
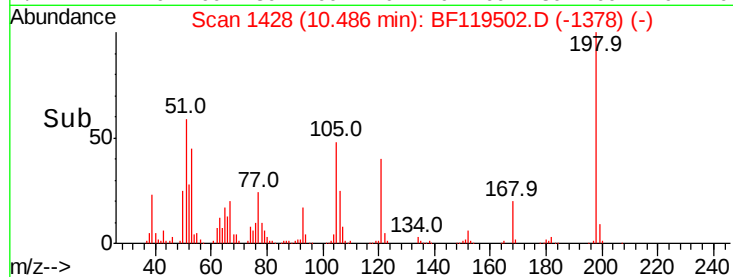
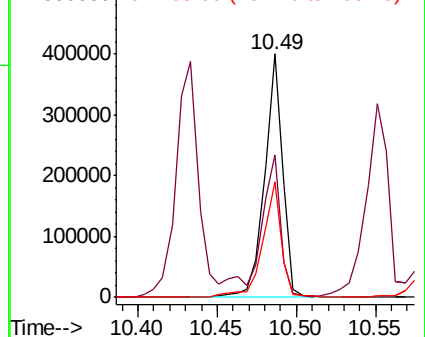
105 47.3 24.1 64.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.548 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

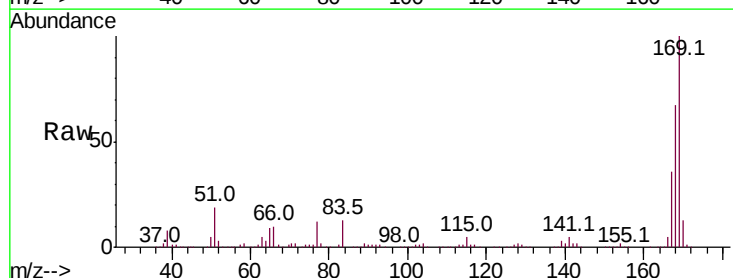
Tgt Ion:169 Resp: 1819617

Ion Ratio Lower Upper

169 100

168 66.8 52.7 79.1

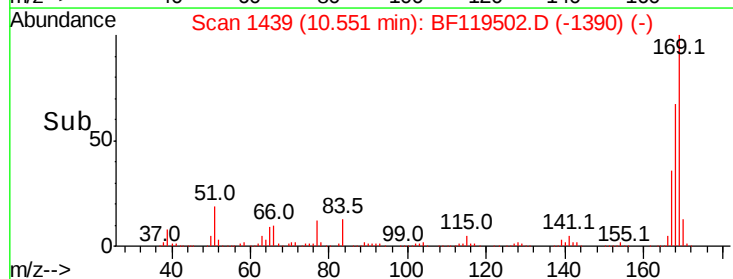
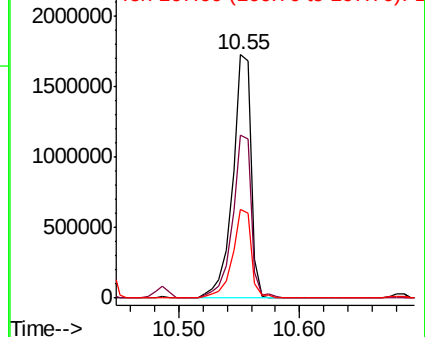
167 36.4 29.3 43.9

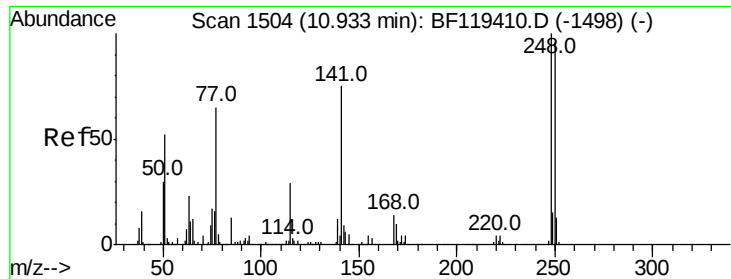


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

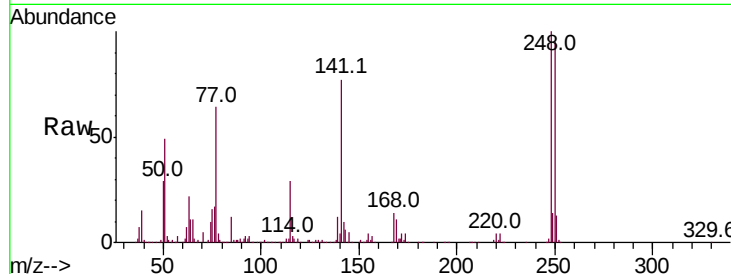




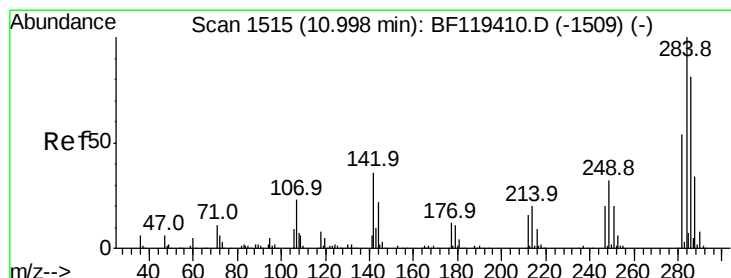
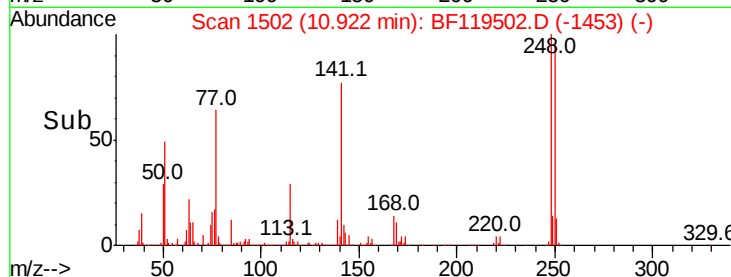
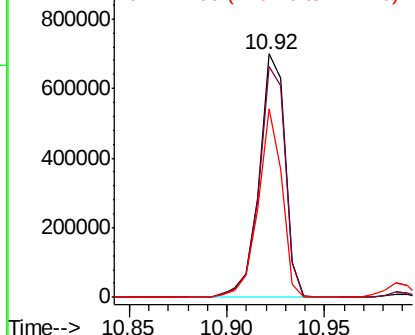
#67
4-Bromophenyl-phenylether
Concen: 40.271 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:248 Resp: 642792
Ion Ratio Lower Upper
248 100
250 94.7 77.0 115.6
141 77.4 59.7 89.5

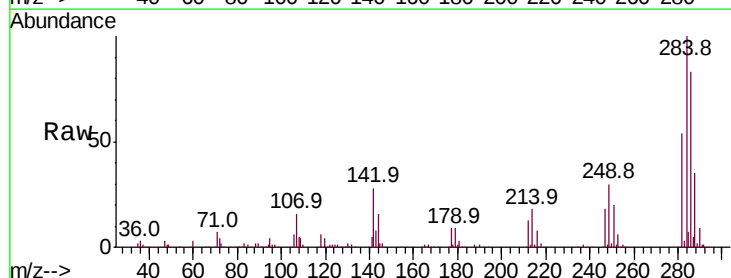


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

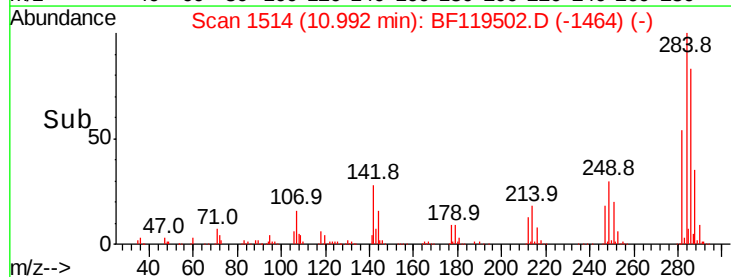
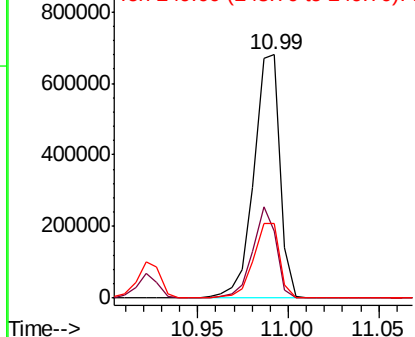


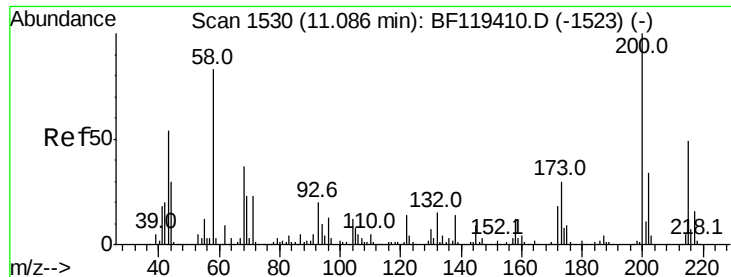
#68
Hexachlorobenzene
Concen: 41.728 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:284 Resp: 681692
Ion Ratio Lower Upper
284 100
142 27.6 28.7 43.1#
249 30.4 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

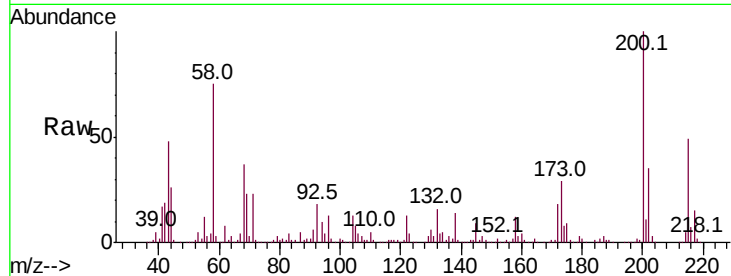




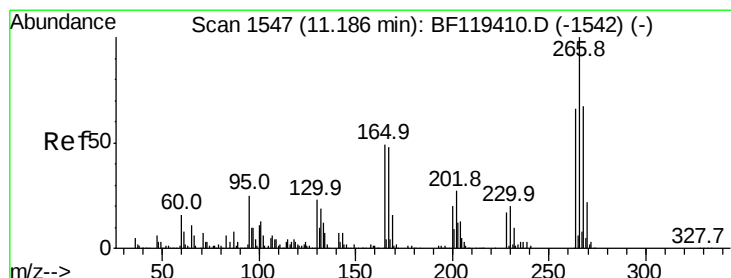
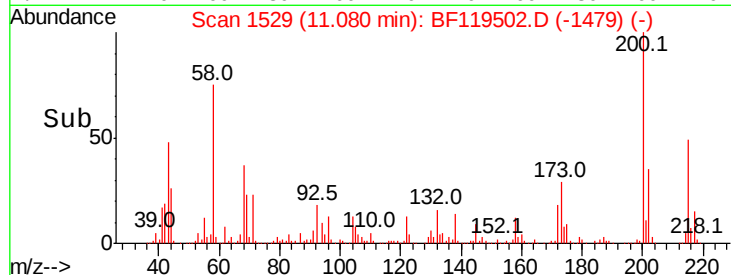
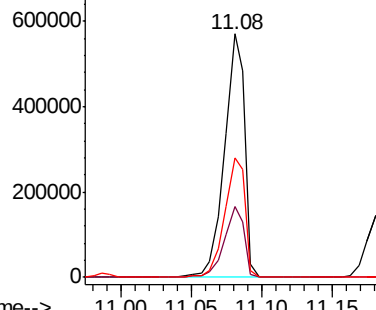
#69
 Atrazine
 Concen: 45.514 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	9.9	49.9
215	48.9	29.4	69.4

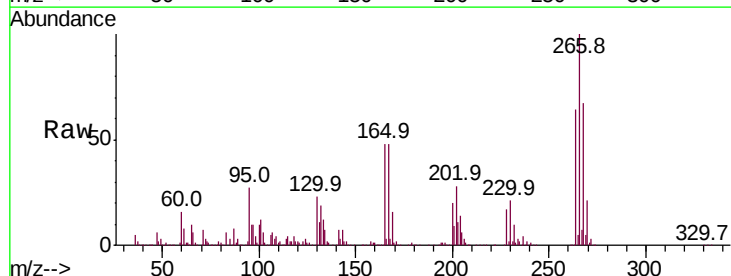


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

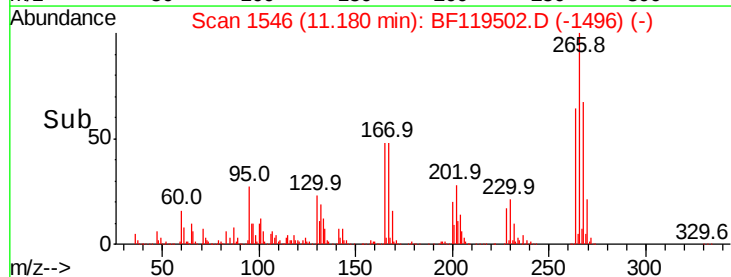
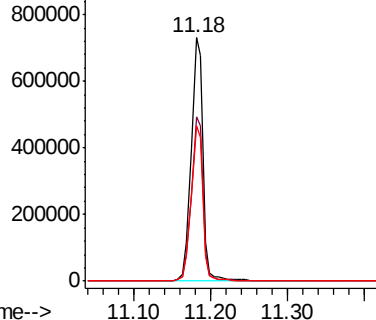


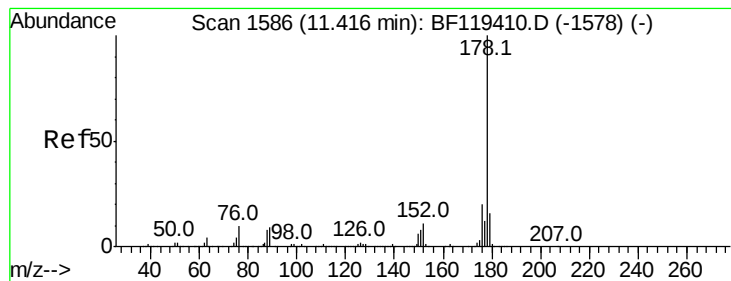
#70
 Pentachlorophenol
 Concen: 79.910 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	53.7	80.5
264	63.8	52.5	78.7



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.668 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

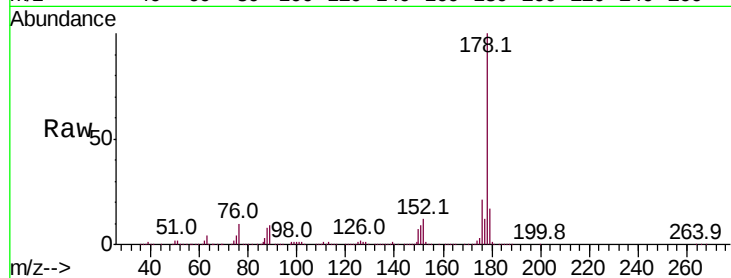
Tot Ion:178 Resp: 2810104

Ion Ratio Lower Upper

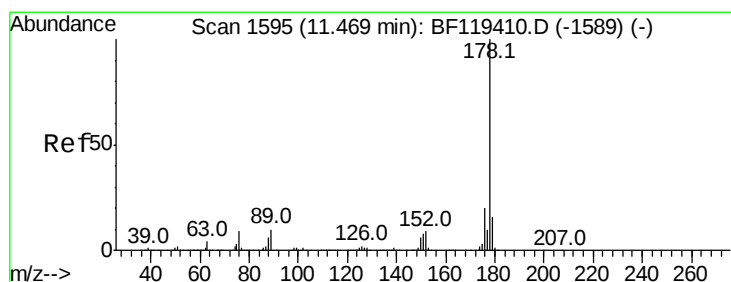
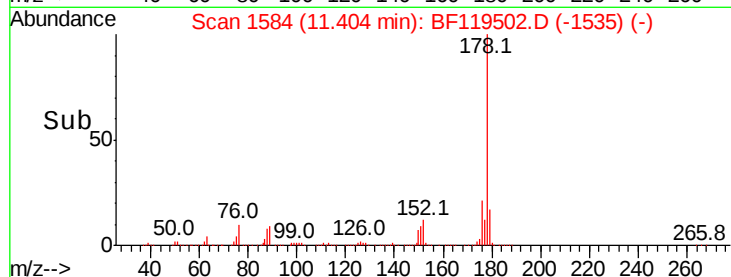
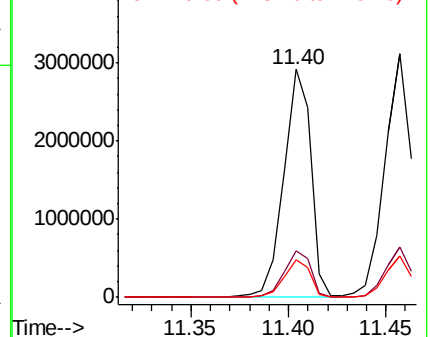
178 100

176 20.6 16.2 24.4

179 16.7 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: 38.892 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

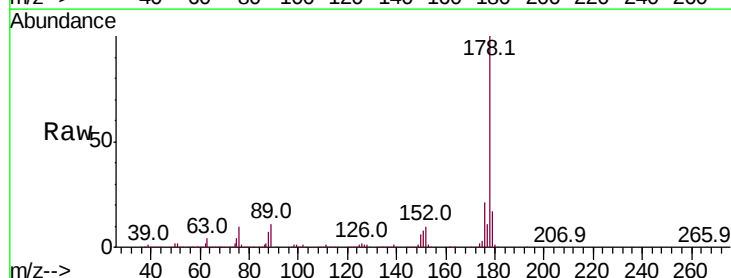
Tgt Ion:178 Resp: 2872552

Ion Ratio Lower Upper

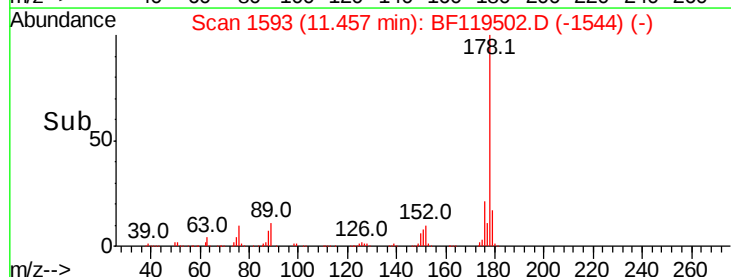
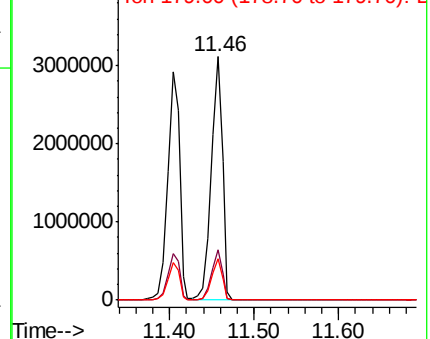
178 100

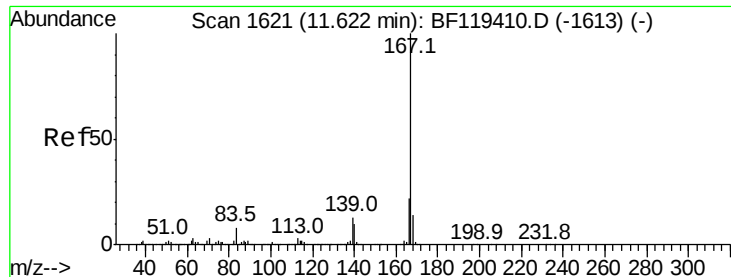
176 20.7 15.6 23.4

179 17.0 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



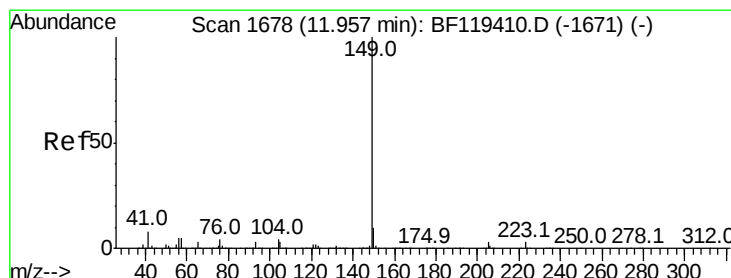
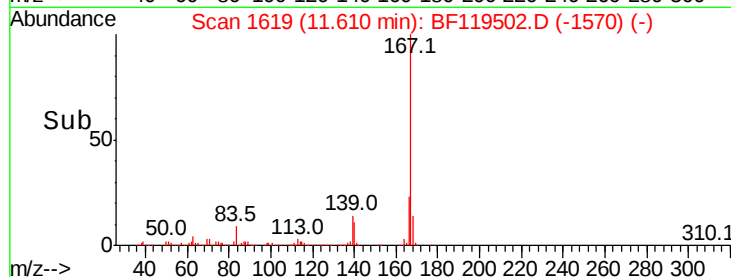
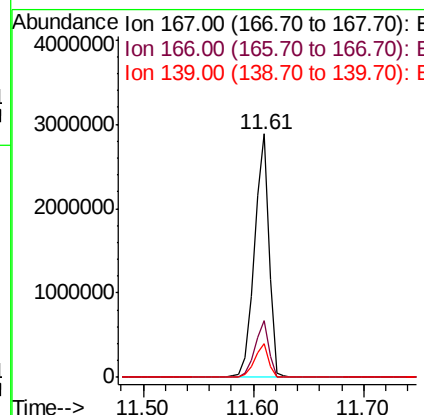
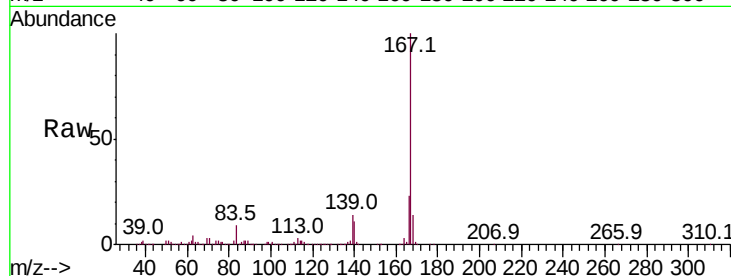


#73
 Carbazole
 Concen: 36.373 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:167 Resp: 2659134

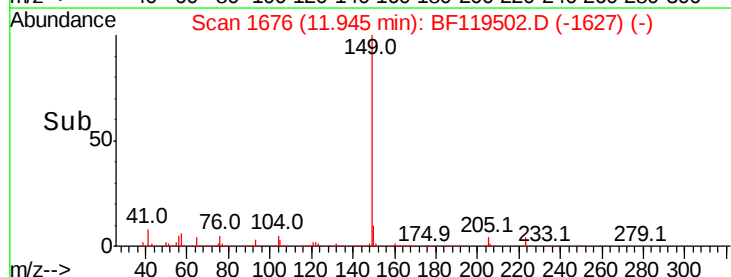
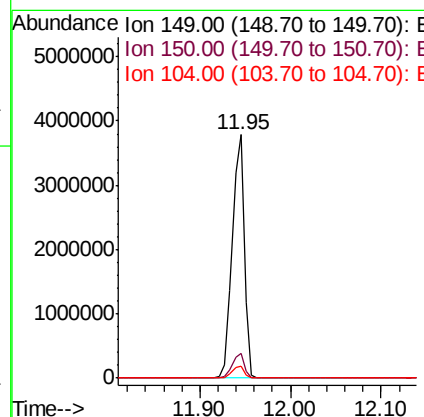
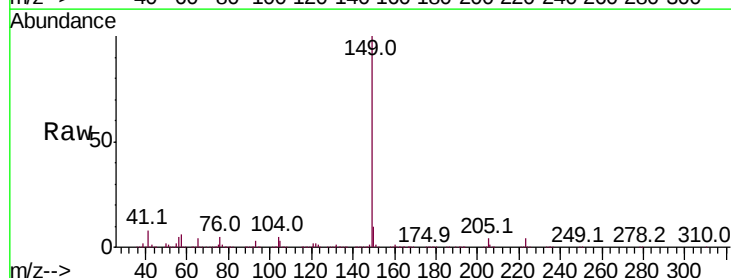
Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.8	26.6
139	13.8	10.2	15.4

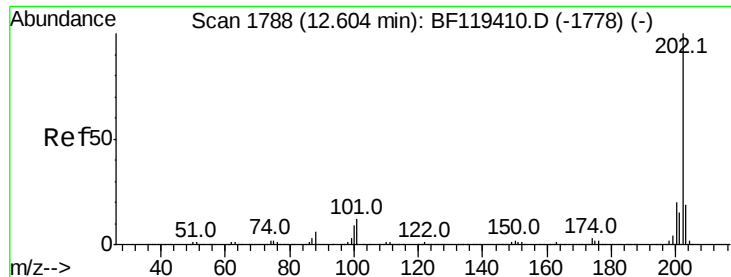


#74
 Di-n-butylphthalate
 Concen: 44.368 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion:149 Resp: 3469798

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	4.9	3.5	5.3



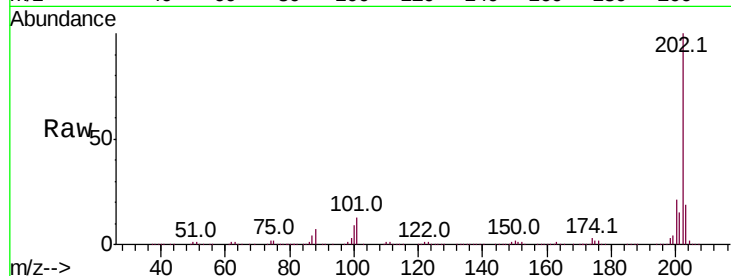


#75
 Fluoranthene
 Concen: 39.270 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:202 Resp: 3088571

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.4
203	19.5	0.0	38.5

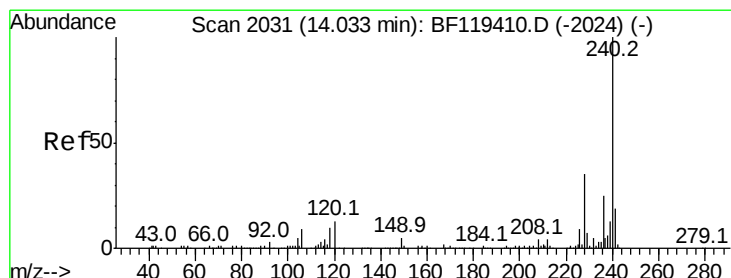
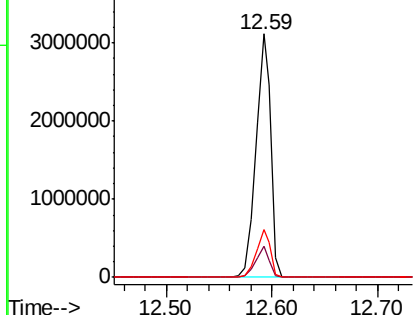
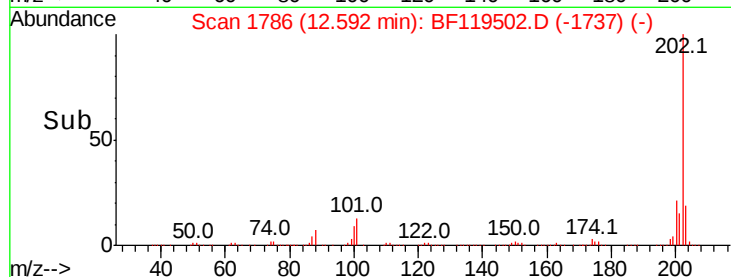


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

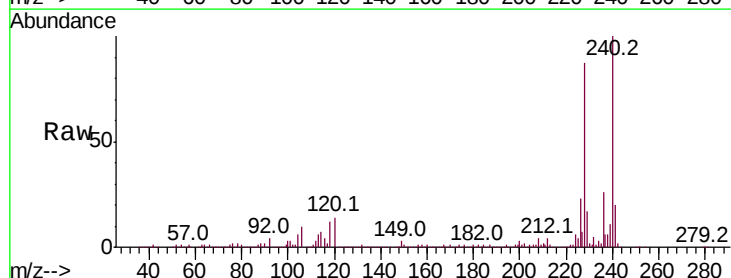
Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion:240 Resp: 993439

Ion	Ratio	Lower	Upper
240	100		
120	13.6	10.2	15.4
236	26.4	20.4	30.6

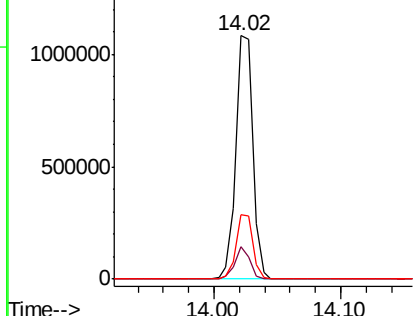
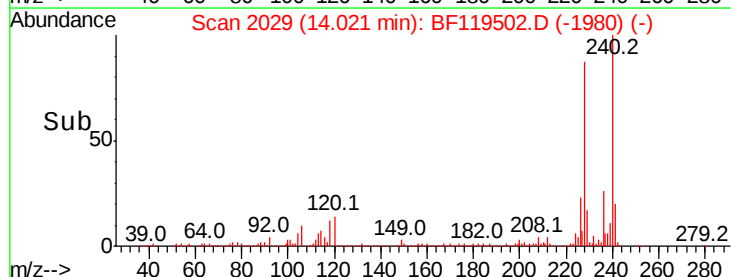


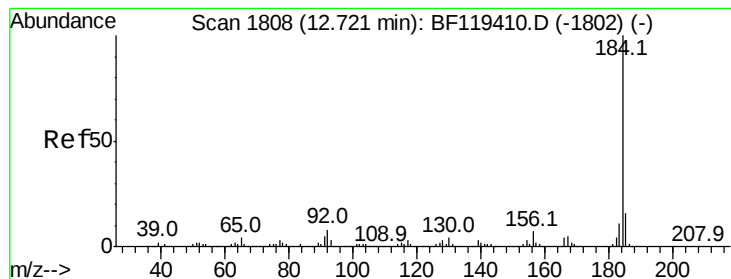
Abundance

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: 37.368 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

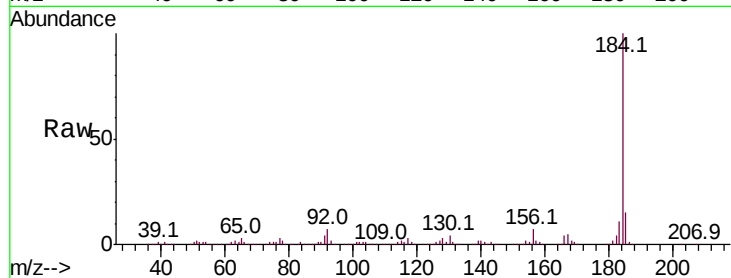
Tot Ion:184 Resp: 1571038

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.9	19.3
183	11.1	9.0	13.4

184 100

185 14.7 12.9 19.3

183 11.1 9.0 13.4

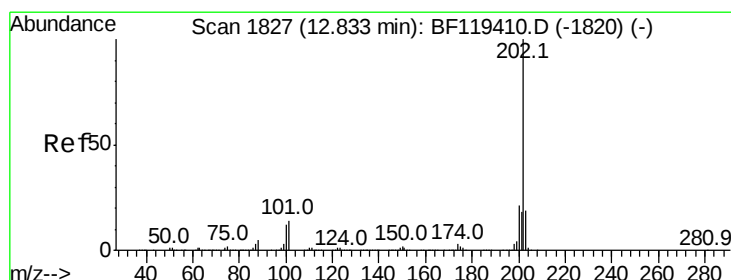
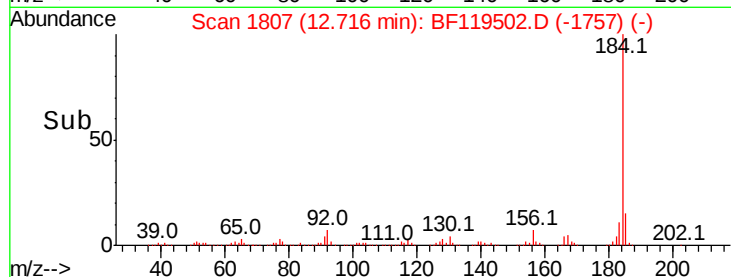
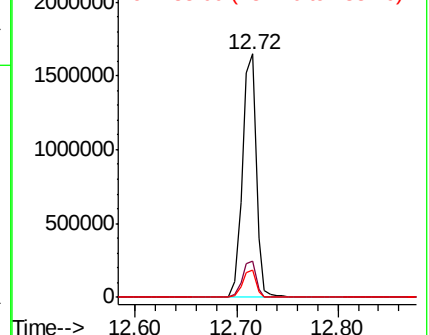


Abundance

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: 37.701 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

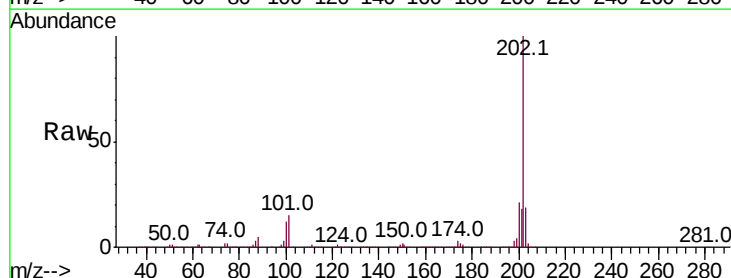
Tgt Ion:202 Resp: 3073757

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	19.1	14.8	22.2

202 100

200 21.4 16.8 25.2

203 19.1 14.8 22.2

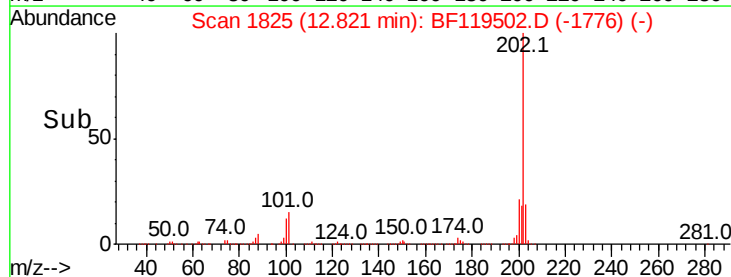
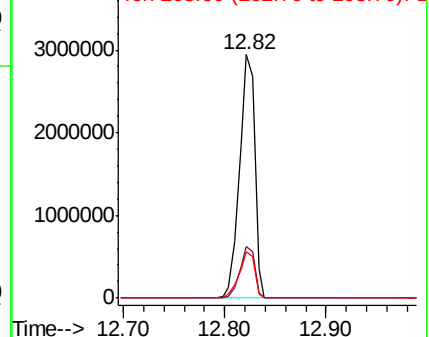


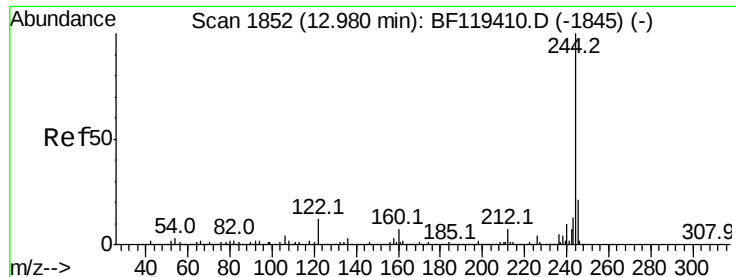
Abundance

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: 82.566 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

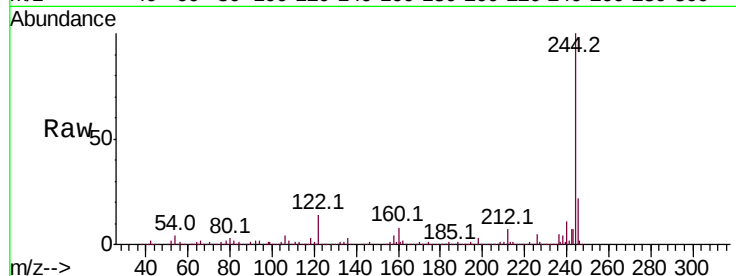
Tot Ion:244 Resp: 4186611

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

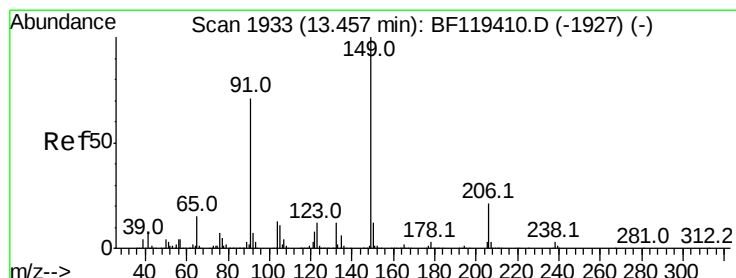
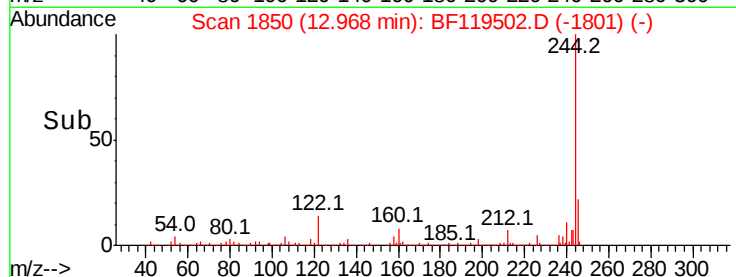
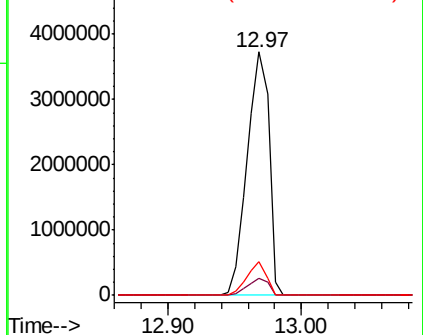
122 14.0 9.8 14.8



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: 46.930 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

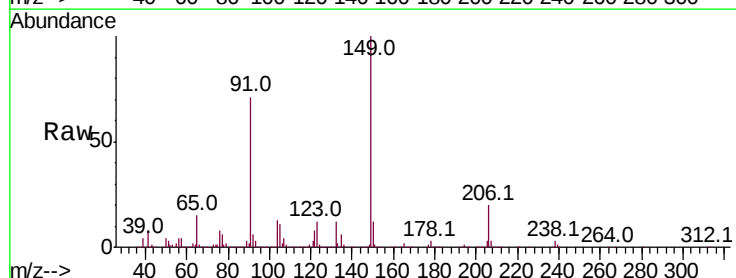
Tgt Ion:149 Resp: 1547543

Ion Ratio Lower Upper

149 100

91 70.6 57.0 85.6

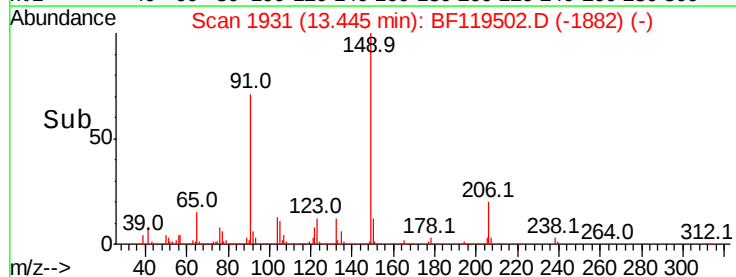
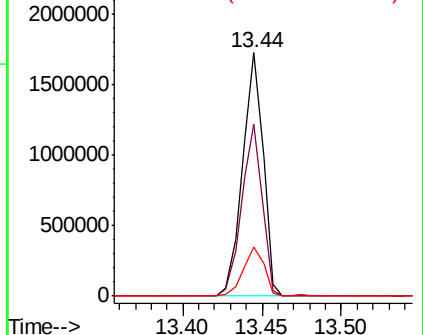
206 20.1 16.4 24.6

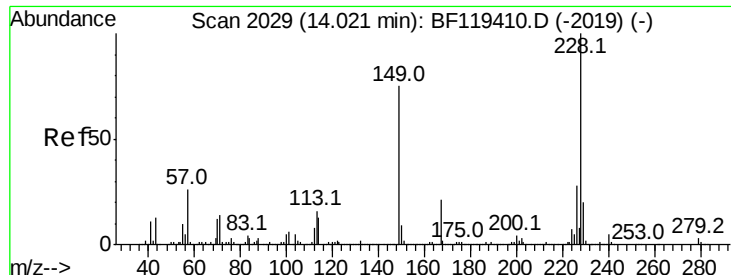


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

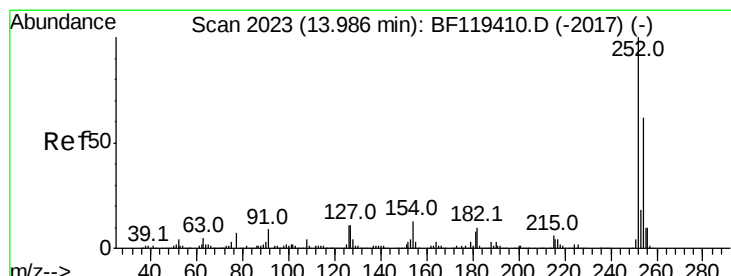
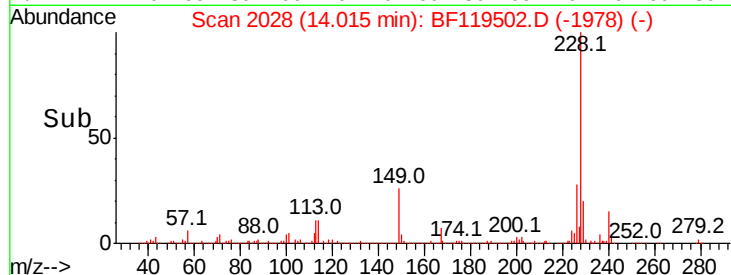
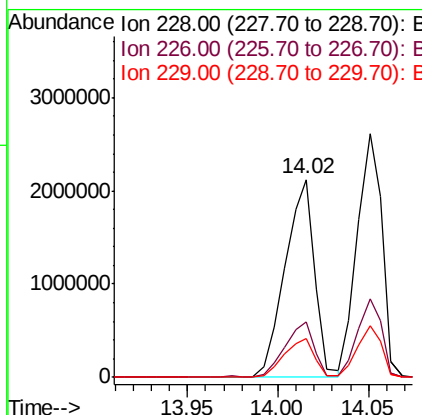
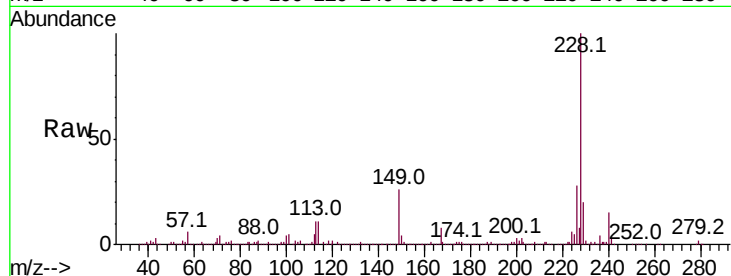




#81
 Benzo(a)anthracene
 Concen: 37.684 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

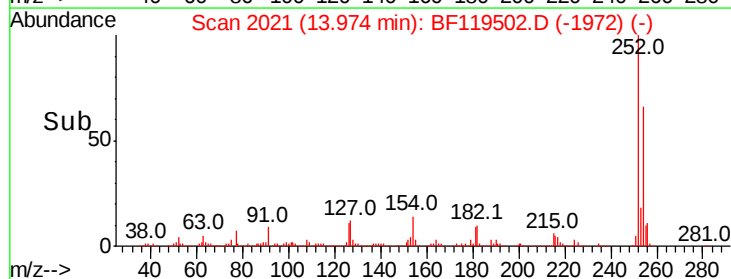
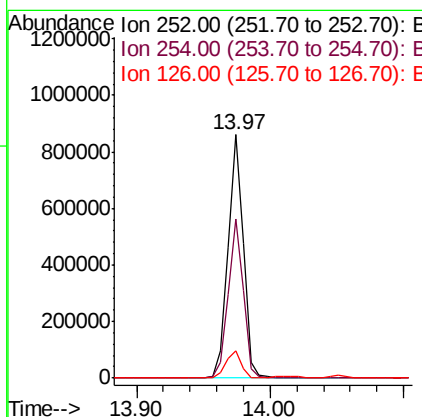
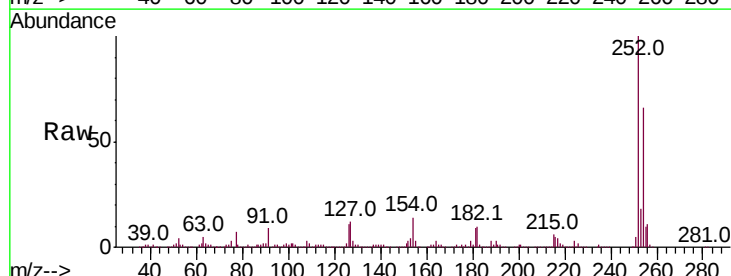
Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

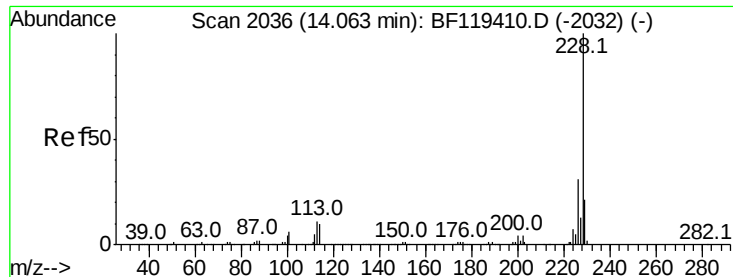
Tot Ion:	228	Resp:	2434463
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	19.8	16.3	24.5



#82
 3,3'-Dichlorobenzidine
 Concen: 27.520 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion:	252	Resp:	700993
Ion	Ratio	Lower	Upper
252	100		
254	65.6	49.8	74.8
126	11.4	8.9	13.3





#83

Chrysene

Concen: 37.521 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

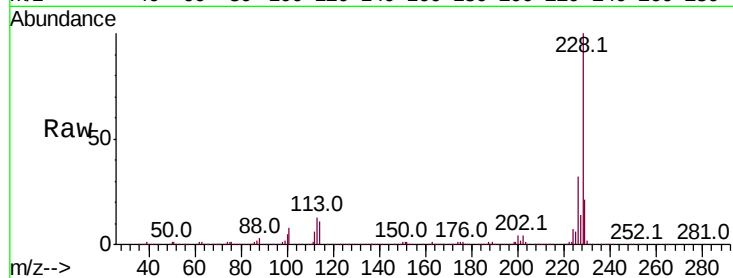
Tot Ion:228 Resp: 2501579

Ion Ratio Lower Upper

228 100

226 32.3 24.8 37.2

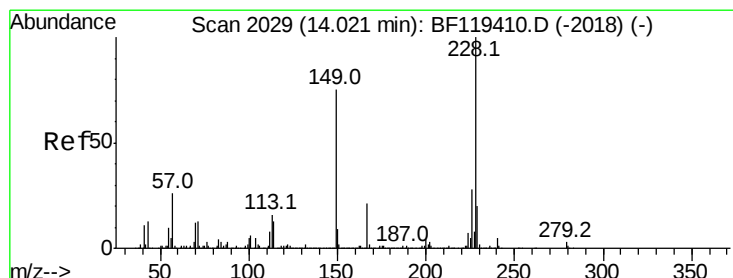
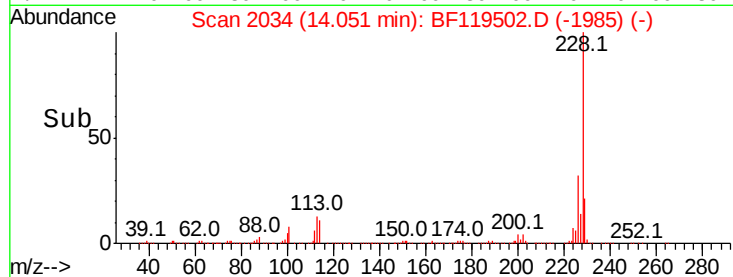
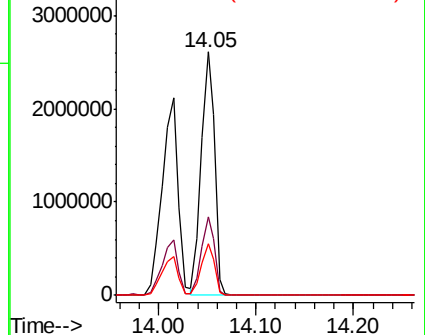
229 21.1 16.6 25.0



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: 52.195 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

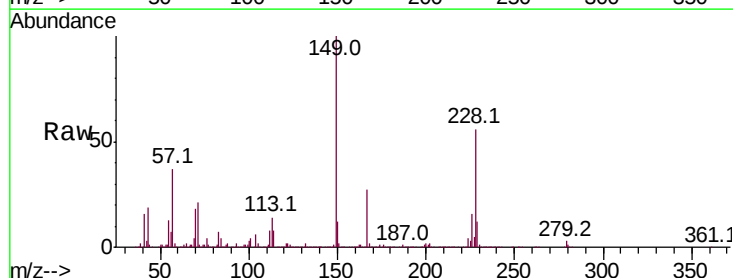
Tgt Ion:149 Resp: 2051771

Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

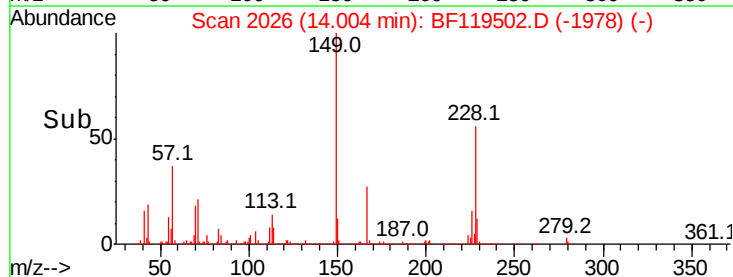
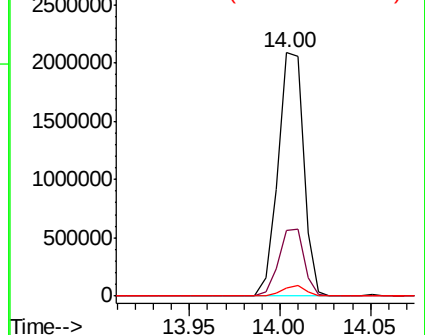
279 3.4 3.2 4.8

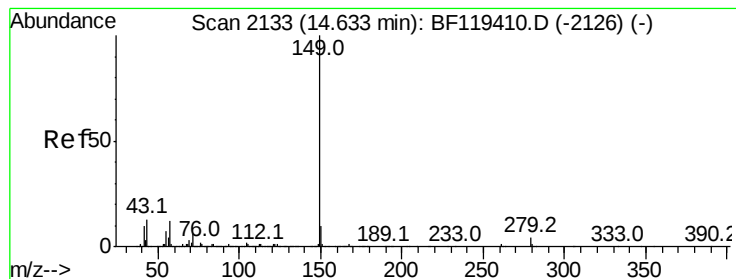


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.675 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

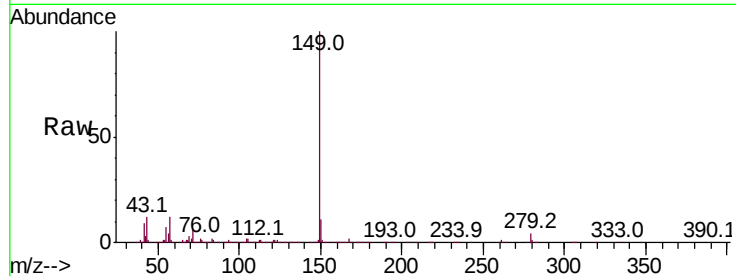
Tot Ion:149 Resp: 3641638

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

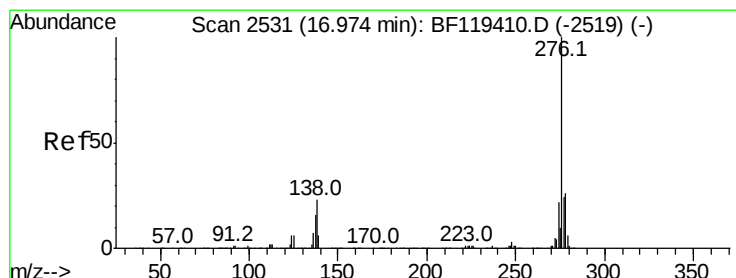
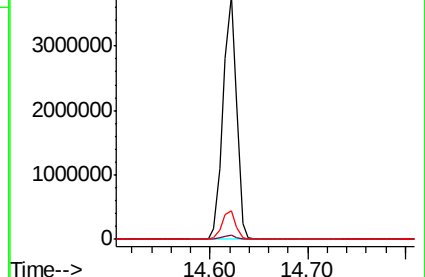
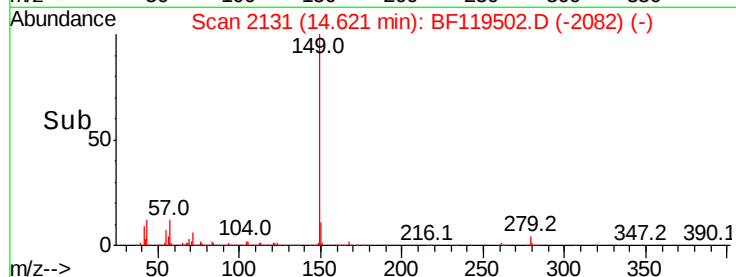
43 11.9 10.1 15.1



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: 35.471 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

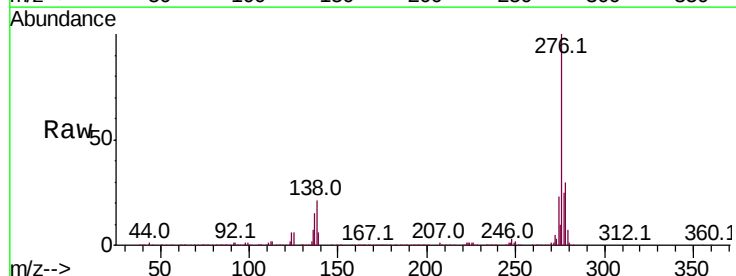
Tgt Ion:276 Resp: 2227277

Ion Ratio Lower Upper

276 100

138 24.4 21.3 31.9

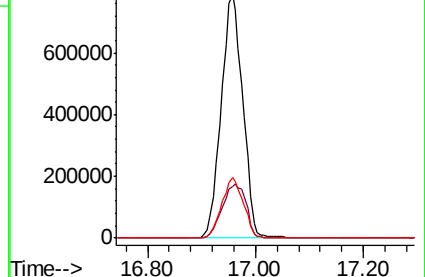
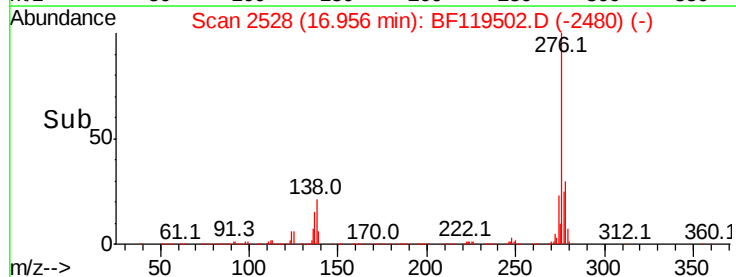
277 25.0 20.2 30.2

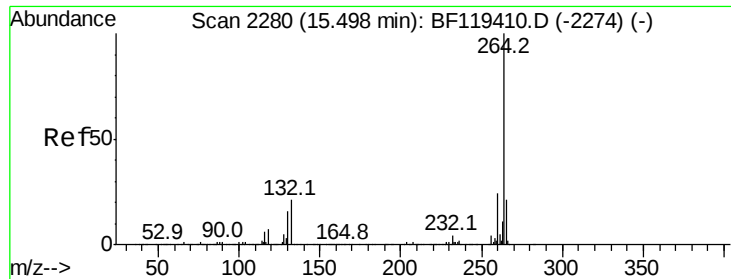


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

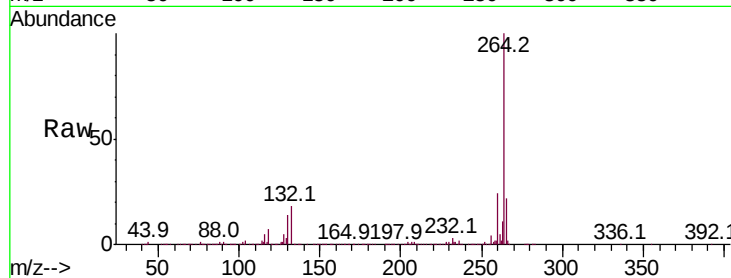
Tot Ion:264 Resp: 898379

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

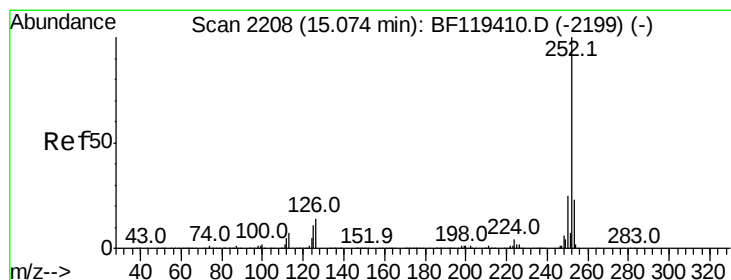
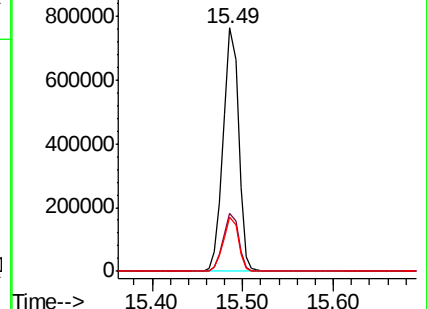
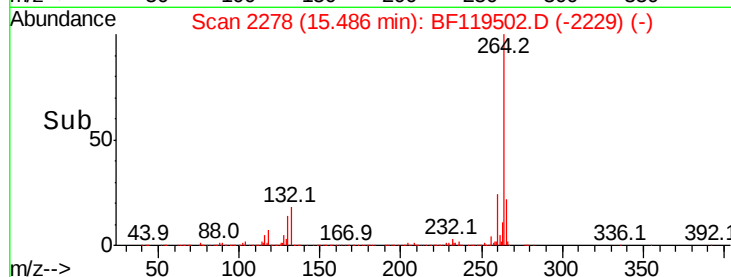
265 22.4 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.935 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

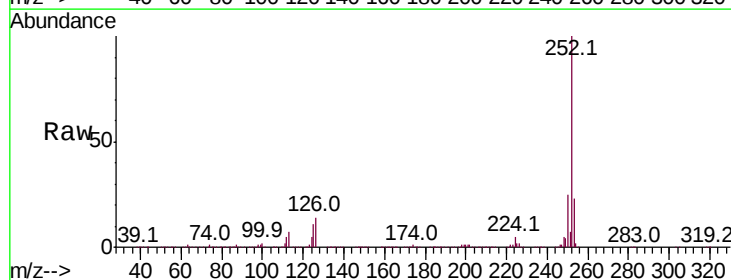
Tgt Ion:252 Resp: 2456577

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

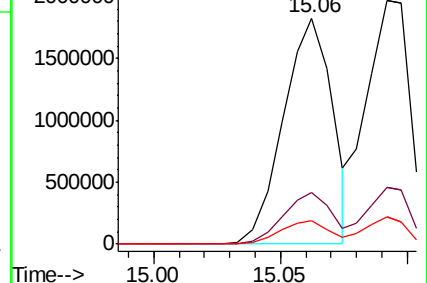
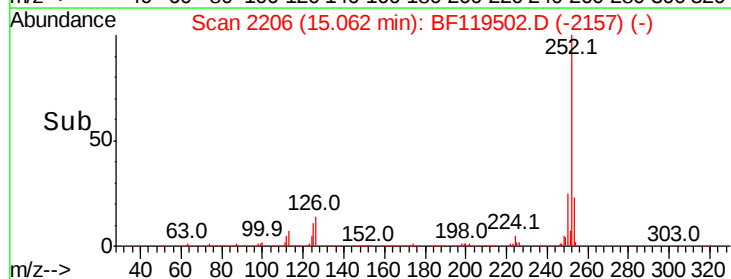
125 10.6 8.8 13.2

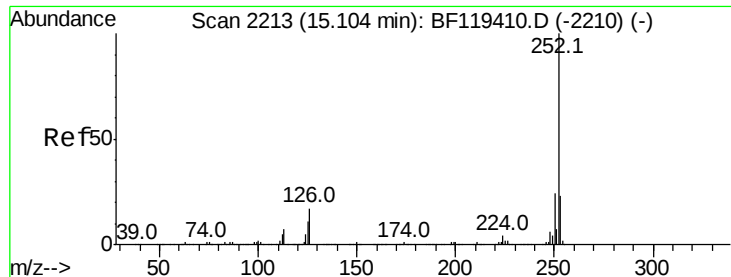


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

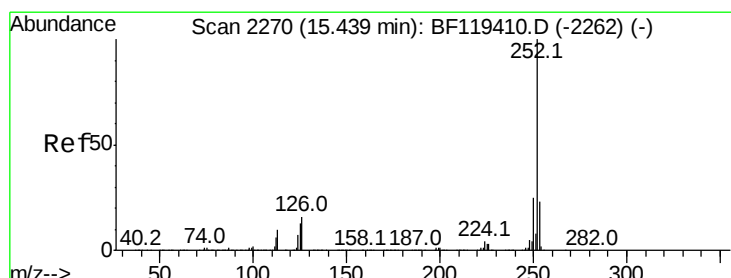
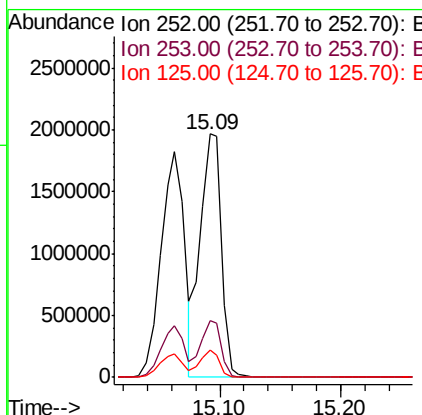
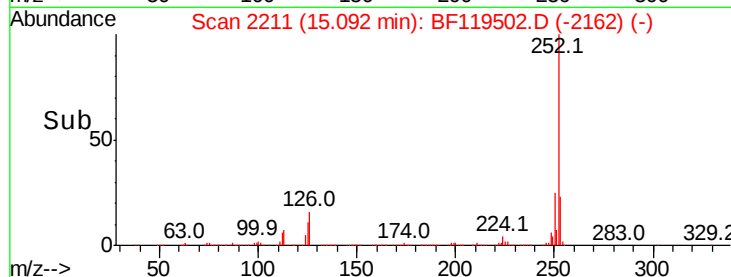
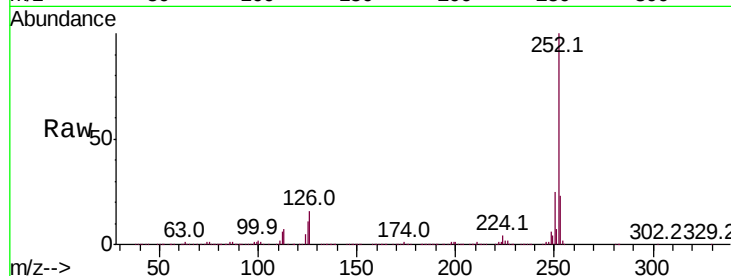




#89
Benzo(k)fluoranthene
Concen: 41.794 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

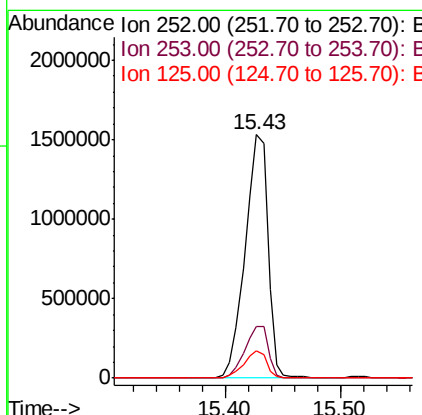
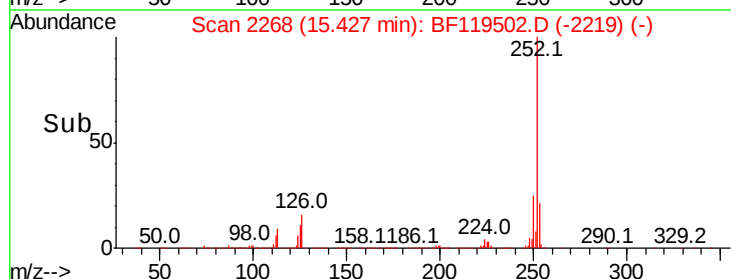
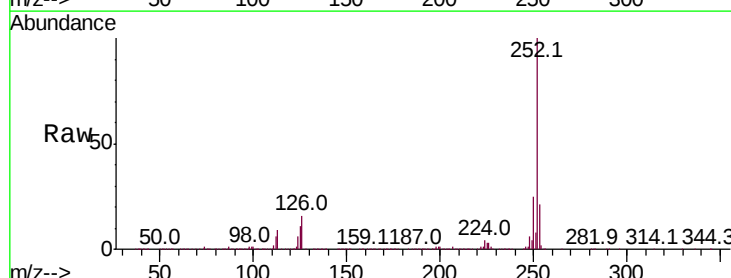
Instrument :
BNA_F
ClientSampleId :
PB127762BS

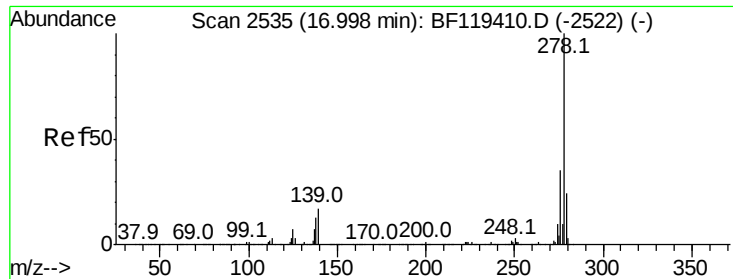
Tot Ion:252 Resp: 2388271
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 11.3 9.0 13.4



#90
Benzo(a)pyrene
Concen: 38.779 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:252 Resp: 2114903
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 11.4 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 38.972 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

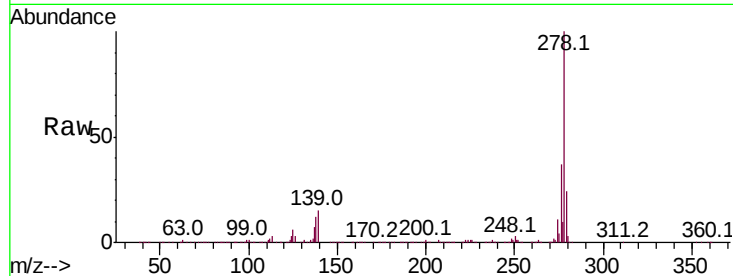
Tot Ion:278 Resp: 1859052

Ion Ratio Lower Upper

278 100

139 15.3 13.7 20.5

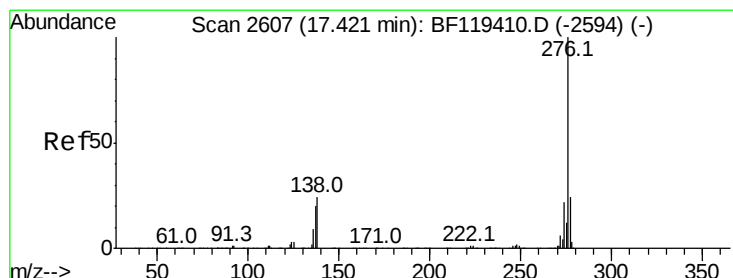
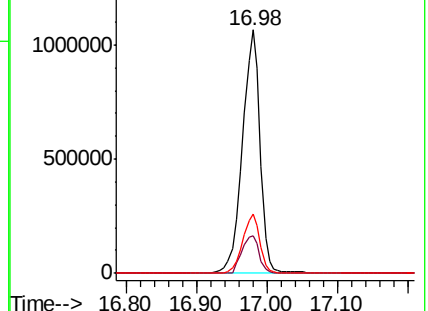
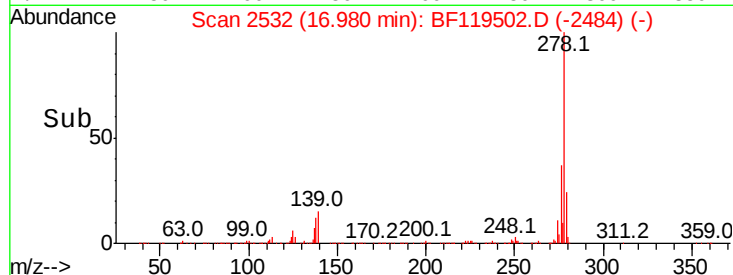
279 24.4 19.2 28.8



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



#92

Benzo(g,h,i)perylene

Concen: 37.344 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.02 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

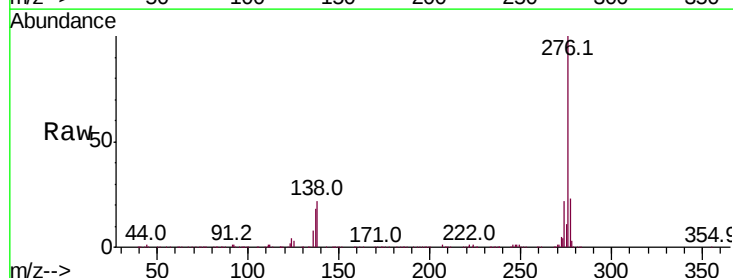
Tgt Ion:276 Resp: 1789644

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 21.6 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

