

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119444.D
 Acq On : 19 Mar 2020 17:59
 Operator : CG/JU
 Sample : PB127678BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 19:01:43 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	347331	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1322871	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	689699	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1272913	20.00	ng	0.00
76) Chrysene-d12	14.03	240	792412	20.00	ng	0.00
87) Perylene-d12	15.49	264	589527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2280021	104.50	ng	0.01
7) Phenol-d6	6.48	99	2895229	103.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	1609207	66.11	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	776108	109.07	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3022500	64.92	ng	0.00
79) Terphenyl-d14	12.97	244	3080762	76.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	354269	32.876	ng	99
3) Pyridine	3.42	79	858735	28.926	ng	96
4) n-Nitrosodimethylamine	3.36	42	521903	36.050	ng	98
6) Aniline	6.51	93	1070571	27.831	ng	100
8) 2-Chlorophenol	6.63	128	930440	40.603	ng	98
9) Benzaldehyde	6.40	77	401727	22.721	ng	98
10) Phenol	6.49	94	1194599	40.168	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	916709	38.541	ng	97
12) 1,3-Dichlorobenzene	6.79	146	960256	38.717	ng	98
13) 1,4-Dichlorobenzene	6.87	146	970422	39.117	ng	98
14) 1,2-Dichlorobenzene	7.02	146	914726	39.448	ng	99
15) Benzyl Alcohol	6.99	79	821922	39.203	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1754577	36.571	ng	98
17) 2-Methylphenol	7.10	107	772562	36.796	ng	99
18) Hexachloroethane	7.36	117	370465	40.749	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	646490	38.482	ng	99
20) 3+4-Methylphenols	7.25	107	937317	36.427	ng	# 90
22) Acetophenone	7.26	105	1229908	38.909	ng	# 98
24) Nitrobenzene	7.43	77	985001	37.866	ng	96
25) Isophorone	7.67	82	1826224	36.986	ng	98
26) 2-Nitrophenol	7.75	139	463271	45.231	ng	93
27) 2,4-Dimethylphenol	7.79	122	876382	41.381	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1149683	39.376	ng	99
29) 2,4-Dichlorophenol	7.99	162	768816	39.509	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	833066	38.711	ng	99
31) Naphthalene	8.16	128	2656953	39.029	ng	99
32) Benzoic acid	7.90	122	505625	37.115	ng	99
33) 4-Chloroaniline	8.20	127	689957	22.118	ng	97
34) Hexachlorobutadiene	8.28	225	466253	38.723	ng	98
35) Caprolactam	8.57	113	148414	23.304	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	815180	38.328	ng	97
37) 2-Methylnaphthalene	8.85	142	1779773	39.836	ng	99
38) 1-Methylnaphthalene	8.95	142	1672752	39.556	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	749314	37.066	ng	99

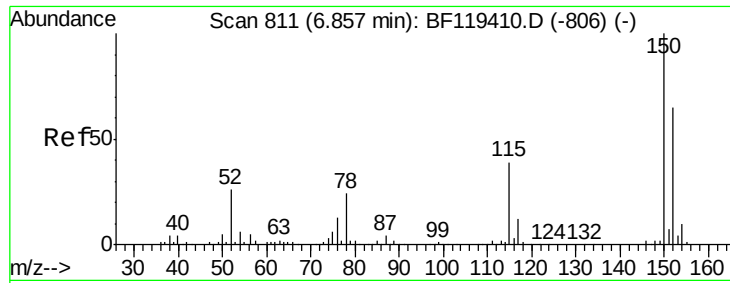
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	792486	68.955	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	563575	38.957	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	586479	36.189	ng	97
46) 1,1'-Biphenyl	9.32	154	2093549	37.270	ng	100
47) 2-Chloronaphthalene	9.34	162	1634915	37.157	ng	100
48) 2-Nitroaniline	9.43	65	573338	37.751	ng	98
49) Acenaphthylene	9.76	152	2589266	37.473	ng	99
50) Dimethylphthalate	9.62	163	1861839	38.005	ng	100
51) 2,6-Dinitrotoluene	9.67	165	411885	39.225	ng	98
52) Acenaphthene	9.93	154	1701926	39.510	ng	100
53) 3-Nitroaniline	9.85	138	341077	25.728	ng	95
54) 2,4-Dinitrophenol	9.95	184	313568	70.011	ng	# 83
55) Dibenzofuran	10.10	168	2323448	37.621	ng	100
56) 4-Nitrophenol	10.00	139	783641	74.933	ng	97
57) 2,4-Dinitrotoluene	10.08	165	531309	40.166	ng	91
58) Fluorene	10.45	166	1732835	37.942	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	484578	40.002	ng	99
60) Diethylphthalate	10.32	149	1903373	38.281	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	846395	37.898	ng	97
62) 4-Nitroaniline	10.46	138	436793	34.359	ng	96
63) Azobenzene	10.60	77	1871966	37.387	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	223689	41.908	ng	88
66) n-Nitrosodiphenylamine	10.56	169	1601543	38.326	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	547601	37.774	ng	99
68) Hexachlorobenzene	10.99	284	584878	39.420	ng	99
69) Atrazine	11.09	200	496385	43.329	ng	97
70) Pentachlorophenol	11.19	266	642761	73.882	ng	97
71) Phenanthrene	11.41	178	2509861	38.026	ng	100
72) Anthracene	11.46	178	2572861	38.354	ng	99
73) Carbazole	11.62	167	2398178	36.118	ng	99
74) Di-n-butylphthalate	11.95	149	2850501	40.132	ng	99
75) Fluoranthene	12.60	202	2672746	37.417	ng	99
77) Benzidine	12.72	184	634737	18.928	ng	98
78) Pyrene	12.83	202	2723147	41.874	ng	99
80) Butylbenzylphthalate	13.45	149	1190408	45.258	ng	98
81) Benzo(a)anthracene	14.02	228	2025458	39.307	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	660182	32.493	ng	97
83) Chrysene	14.06	228	2062355	38.780	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1458528	46.517	ng	100
85) Di-n-octyl phthalate	14.63	149	2424800	43.972	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1771508	35.370	ng	98
88) Benzo(b)fluoranthene	15.06	252	1793304	45.538	ng	100
89) Benzo(k)fluoranthene	15.10	252	1602608	42.738	ng	98
90) Benzo(a)pyrene	15.43	252	1481031	41.383	ng	97
91) Dibenzo(a,h)anthracene	16.98	278	1447949	46.256	ng	98
92) Benzo(g,h,i)perylene	17.41	276	1565053	49.767	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

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BNA_N

ClientSampleId :

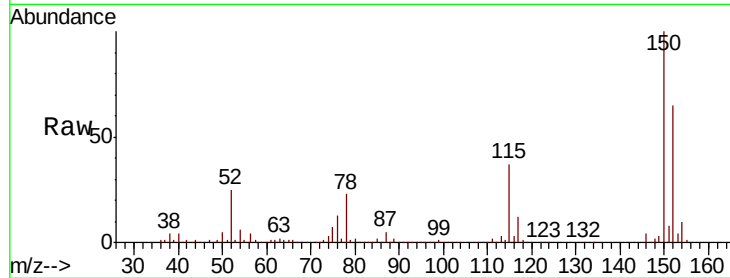
Tot Ion:152 Resp: 347331

Ion Ratio Lower Upper

152 100

150 154.3 123.9 185.9

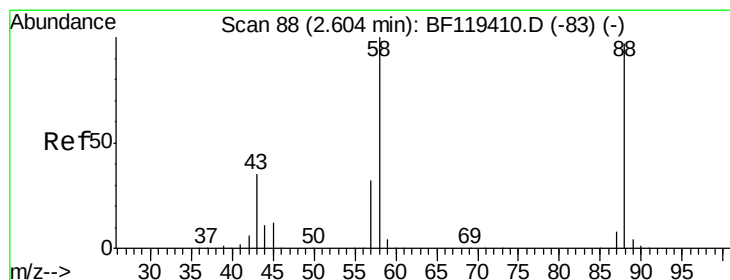
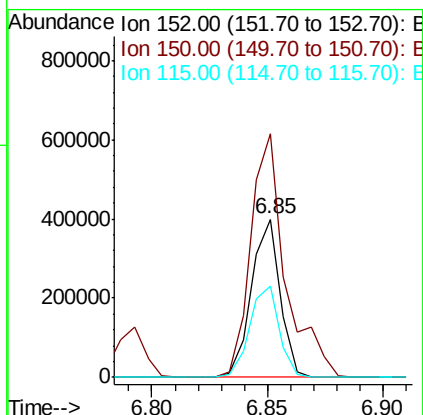
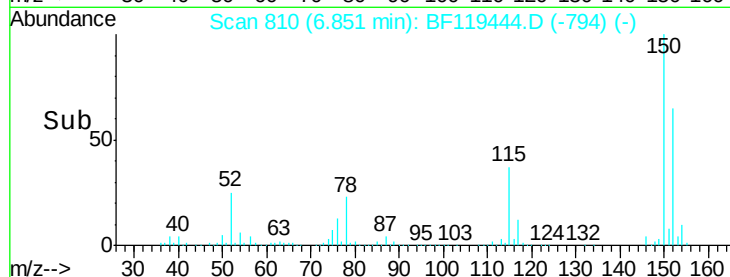
115 57.6 47.8 71.6



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: 32.876 ng

RT: 2.68 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

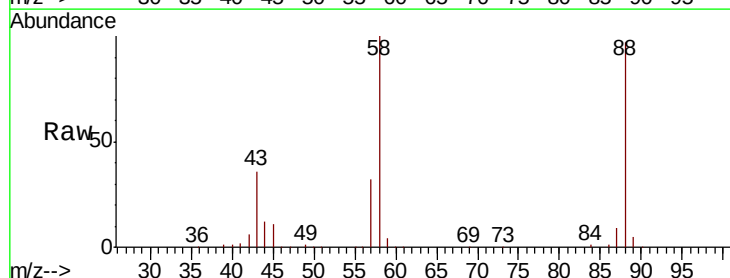
Tgt Ion: 88 Resp: 354269

Ion Ratio Lower Upper

88 100

58 100.3 79.4 119.2

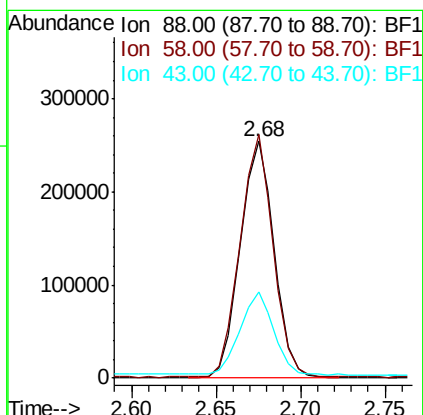
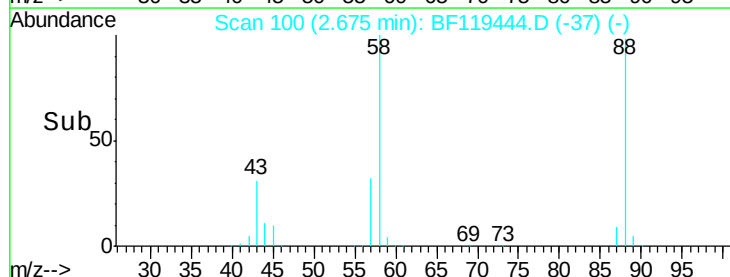
43 34.6 28.4 42.6

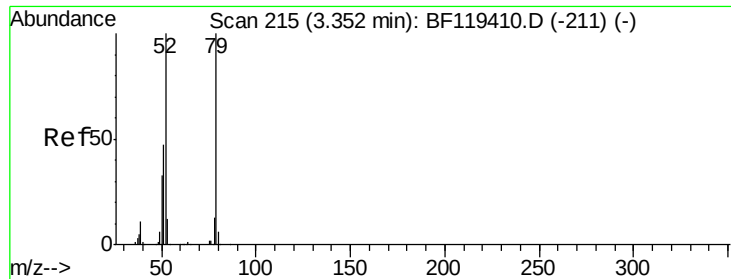


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 28.926 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.06 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

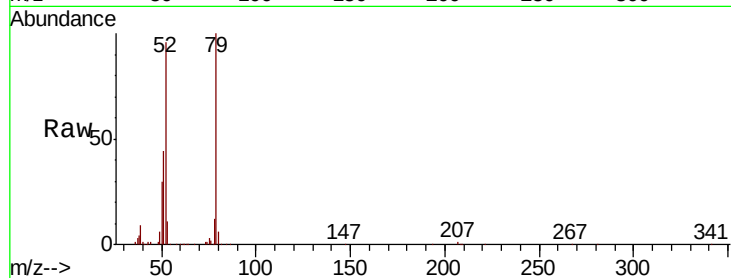
Tot Ion: 79 Resp: 858735

Ion Ratio Lower Upper

79 100

52 96.2 80.0 120.0

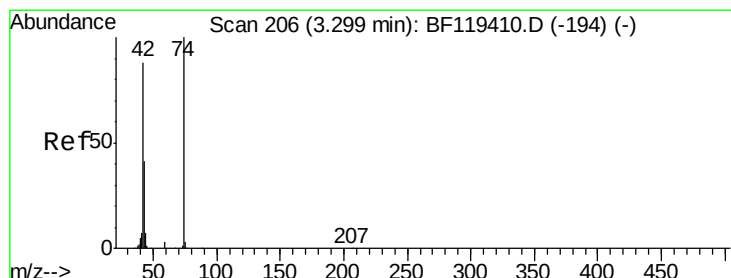
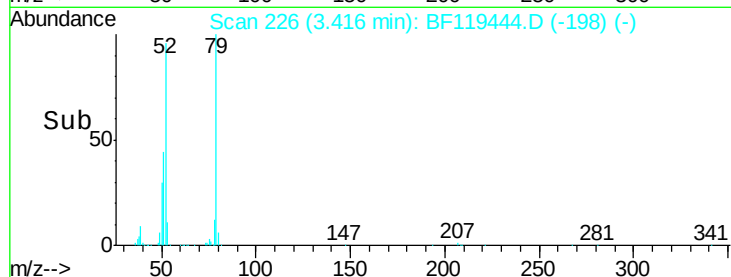
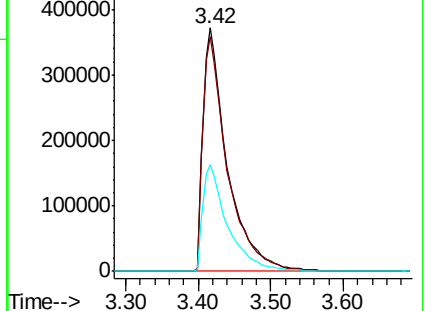
51 43.9 37.9 56.9



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: 36.050 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.06 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

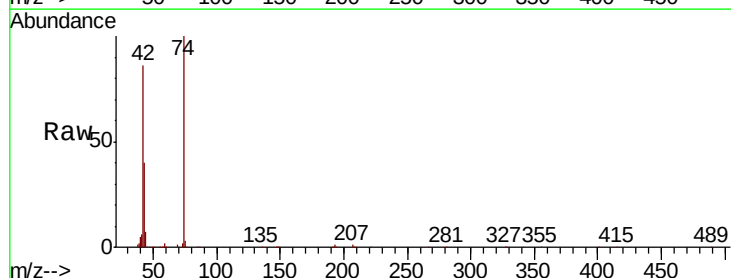
Tgt Ion: 42 Resp: 521903

Ion Ratio Lower Upper

42 100

74 116.6 91.3 136.9

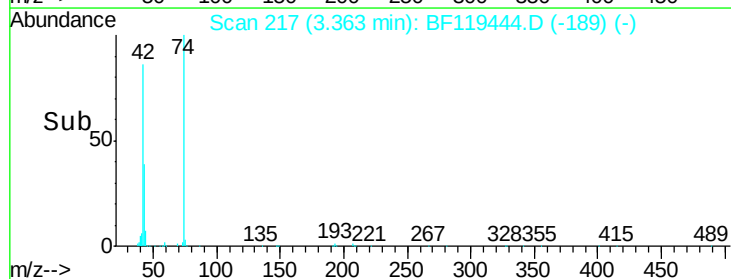
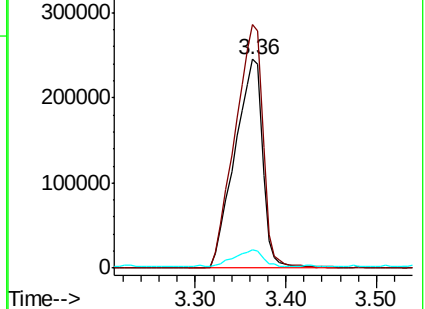
44 8.7 7.1 10.7

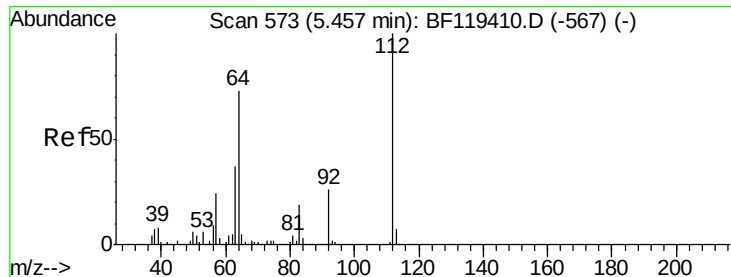


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.499 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampled :

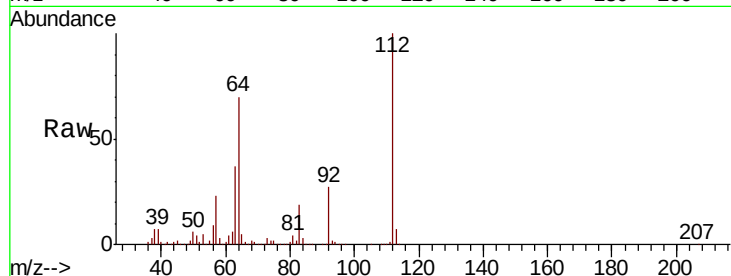
Tot Ion:112 Resp: 2280021

Ion Ratio Lower Upper

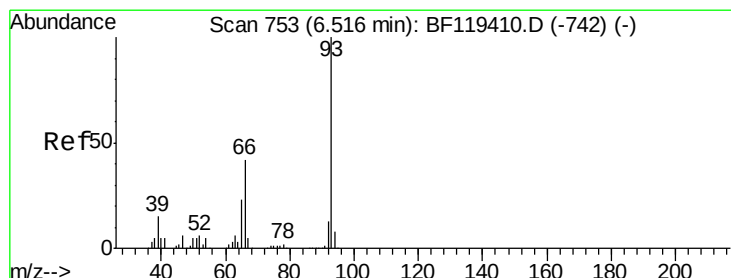
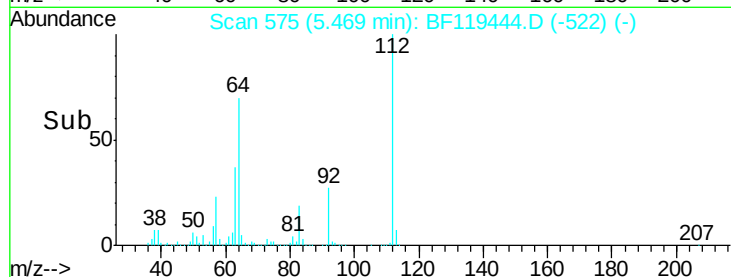
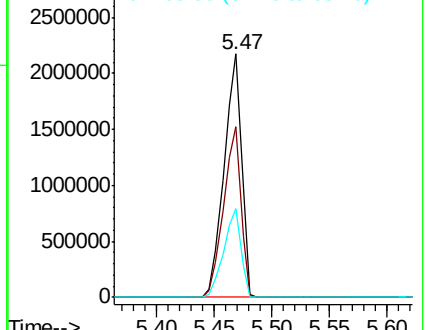
112 100

64 70.2 58.1 87.1

63 36.6 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.831 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

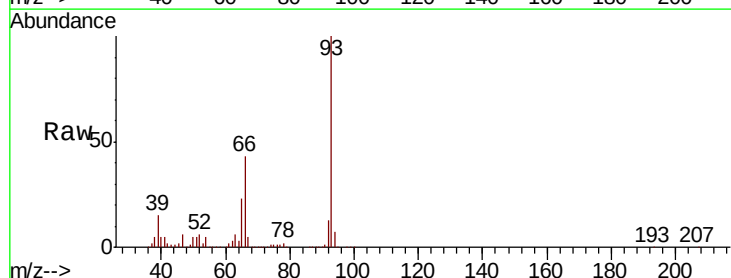
Tgt Ion: 93 Resp: 1070571

Ion Ratio Lower Upper

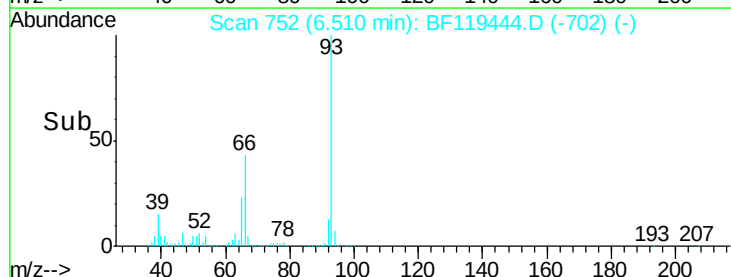
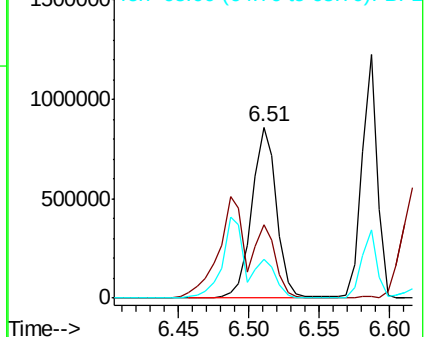
93 100

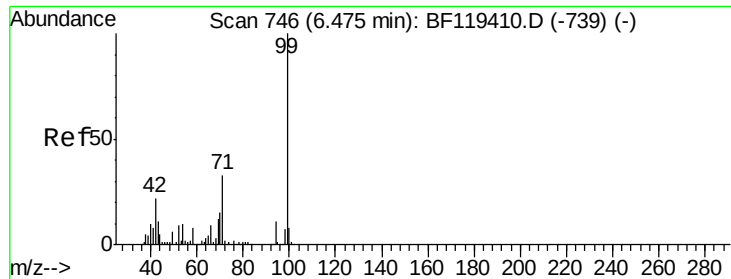
66 43.0 34.2 51.4

65 22.6 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: 103.877 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampled :

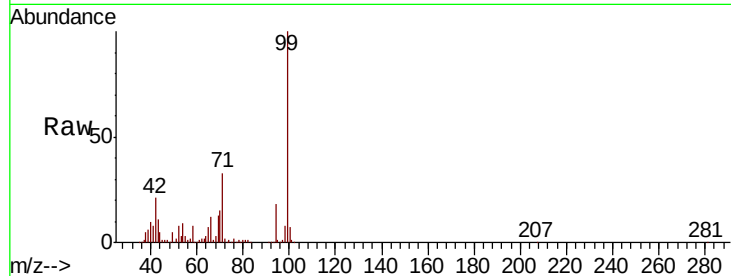
Tot Ion: 99 Resp: 2895229

Ion Ratio Lower Upper

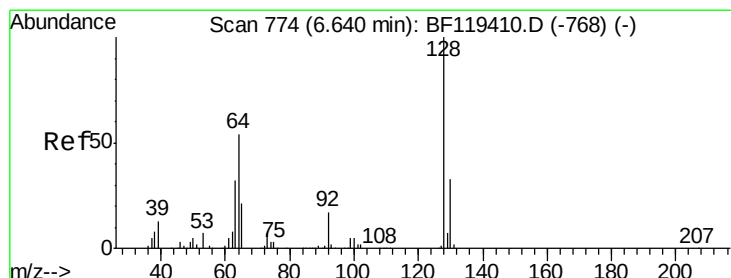
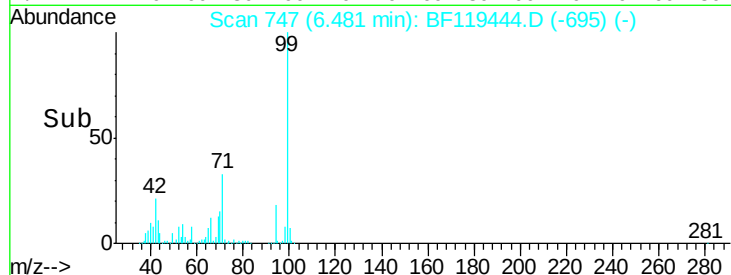
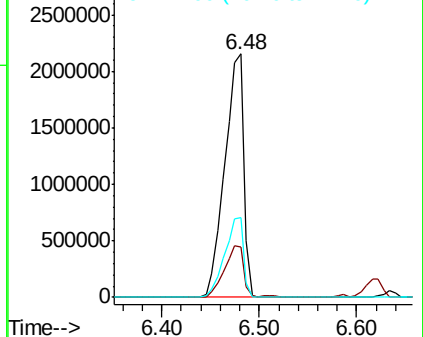
99 100

42 20.9 17.8 26.6

71 33.0 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: 40.603 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

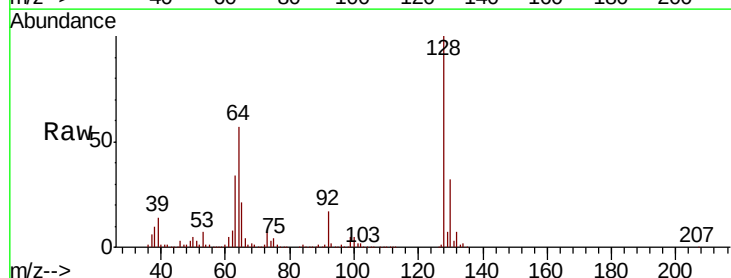
Tgt Ion: 128 Resp: 930440

Ion Ratio Lower Upper

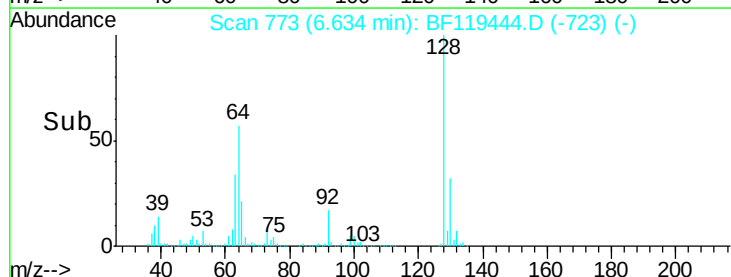
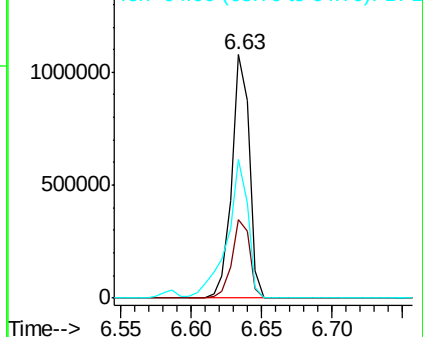
128 100

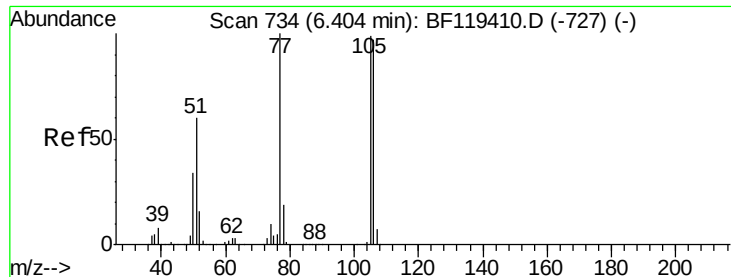
130 32.2 13.0 53.0

64 57.2 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: 22.721 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

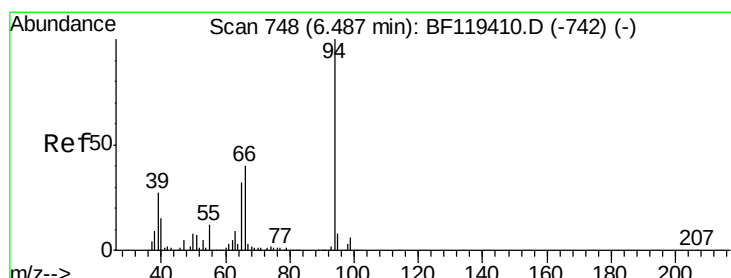
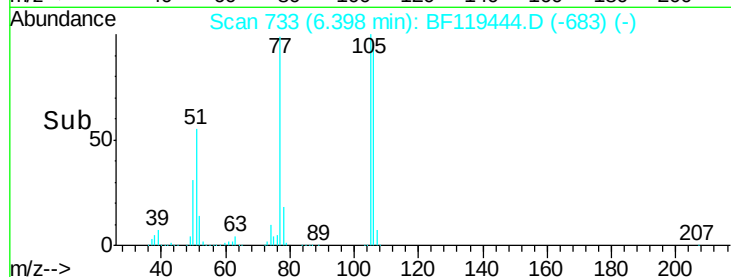
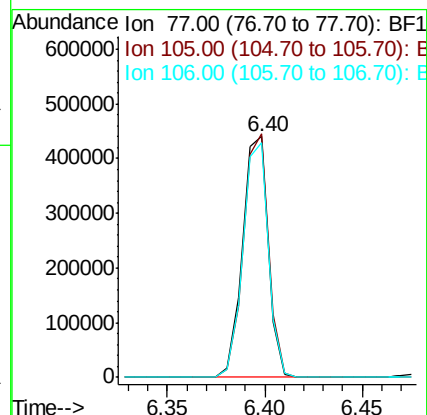
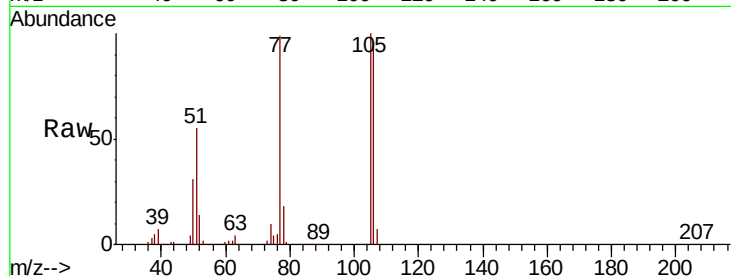
Tot Ion: 77 Resp: 401727

Ion Ratio Lower Upper

77 100

105 101.0 78.6 118.6

106 97.5 76.5 116.5



#10

Phenol

Concen: 40.168 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

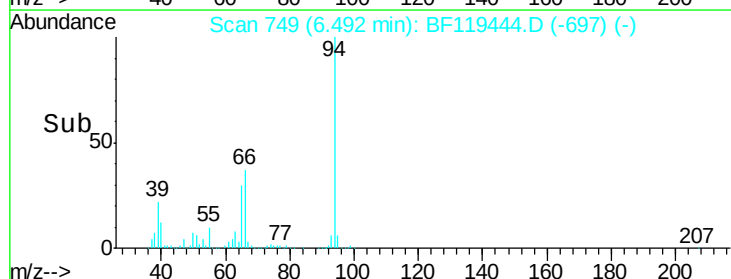
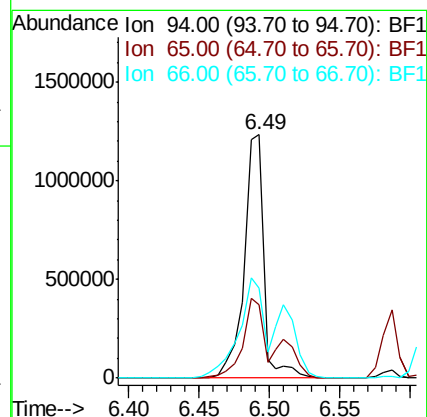
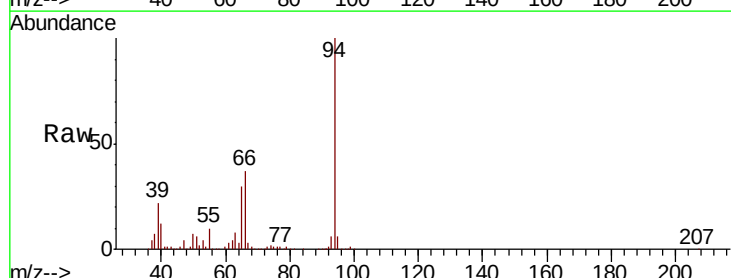
Tgt Ion: 94 Resp: 1194599

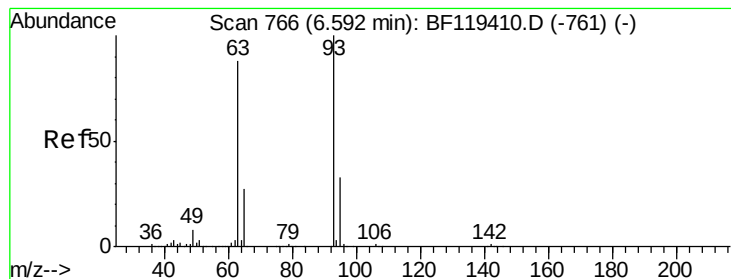
Ion Ratio Lower Upper

94 100

65 30.0 12.0 52.0

66 36.8 20.6 60.6

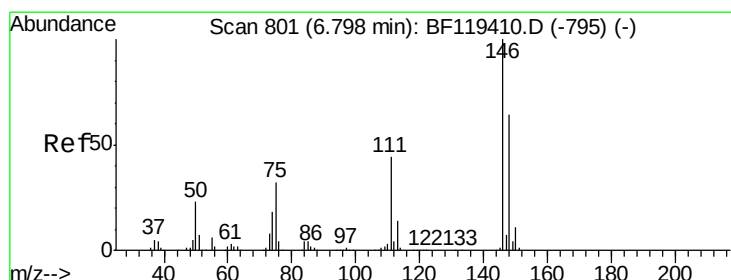
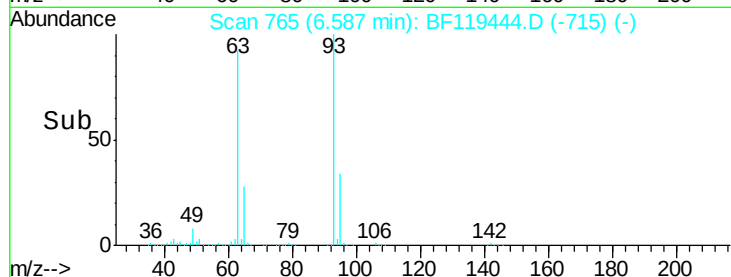
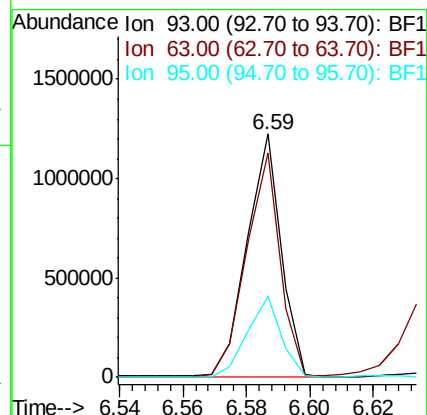
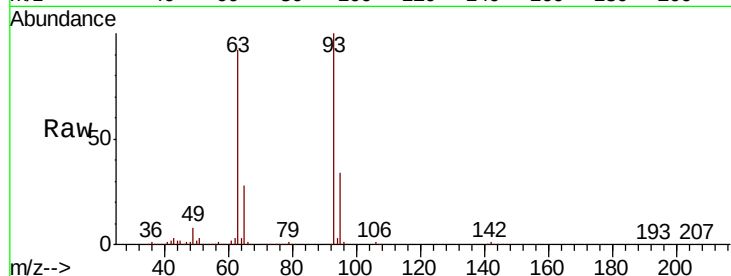




#11
bis(2-Chloroethyl)ether
Concen: 38.541 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

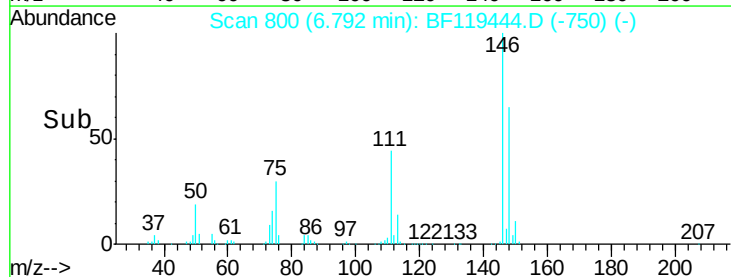
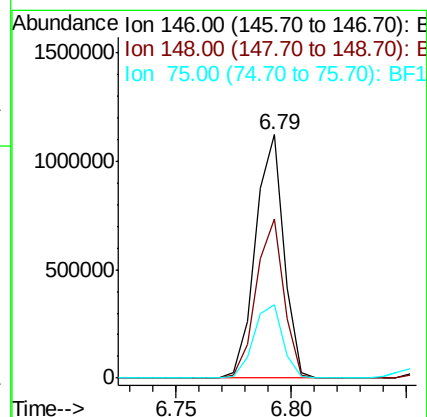
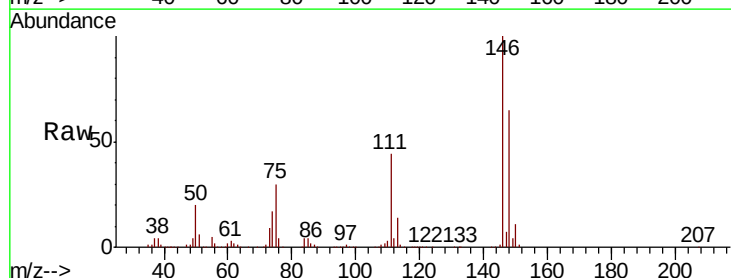
Instrument :
BNA_N
ClientSampleId :

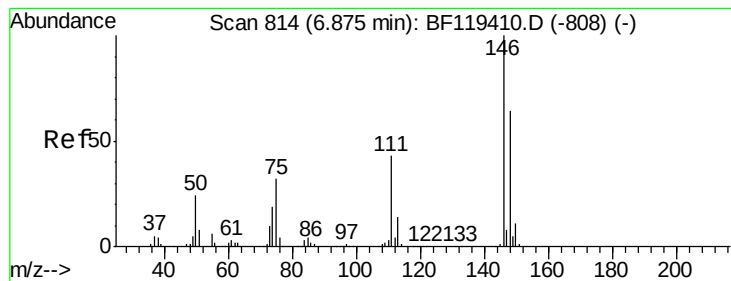
Tot Ion: 93 Resp: 916709
Ion Ratio Lower Upper
93 100
63 92.0 68.4 108.4
95 33.5 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 38.717 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion: 146 Resp: 960256
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.0
75 30.4 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 39.117 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

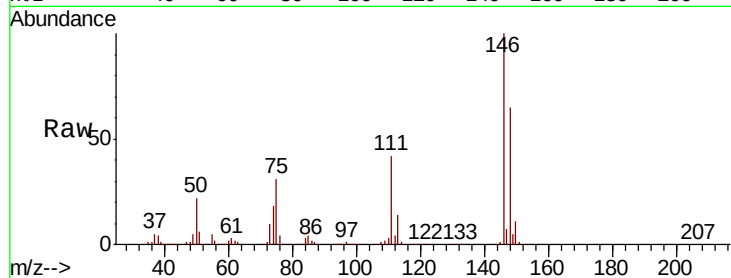
Tot Ion:146 Resp: 970422

Ion Ratio Lower Upper

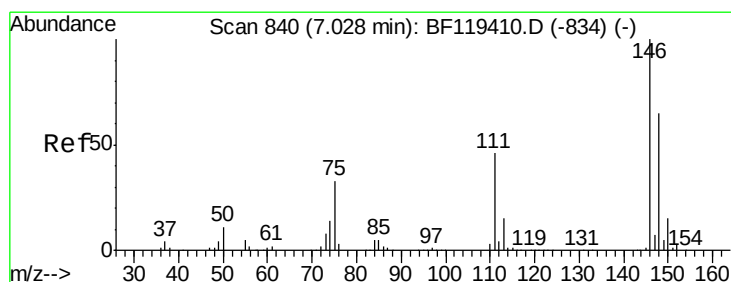
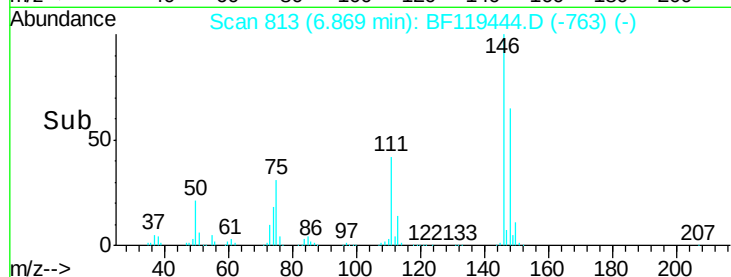
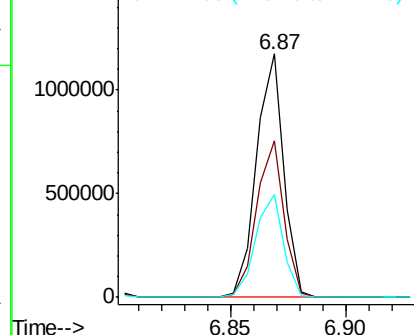
146 100

148 64.5 50.9 76.3

111 42.0 34.6 52.0



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



#14

1,2-Dichlorobenzene

Concen: 39.448 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

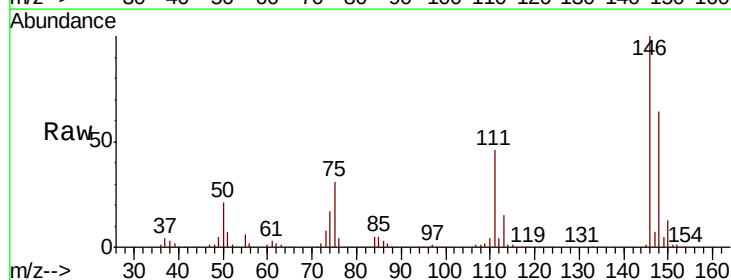
Tgt Ion:146 Resp: 914726

Ion Ratio Lower Upper

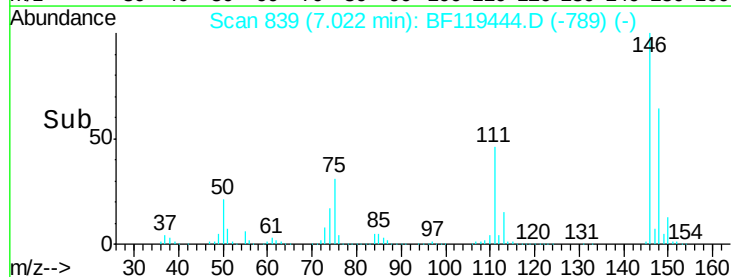
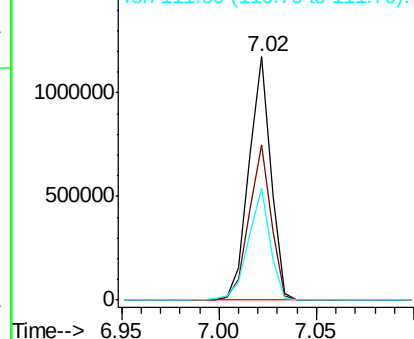
146 100

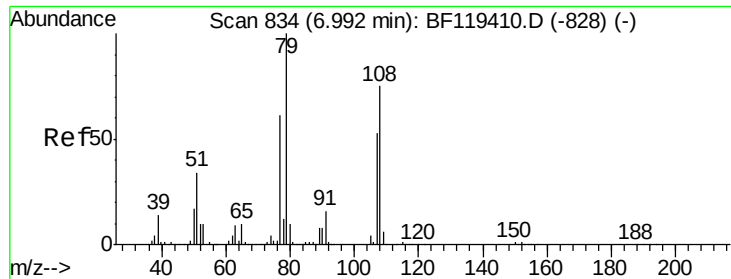
148 63.9 51.7 77.5

111 46.0 36.4 54.6



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





#15

Benzyl Alcohol

Concen: 39.203 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampled :

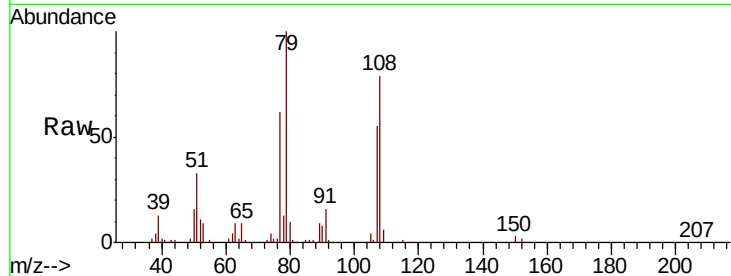
Tot Ion: 79 Resp: 821922

Ion Ratio Lower Upper

79 100

108 79.1 60.4 90.6

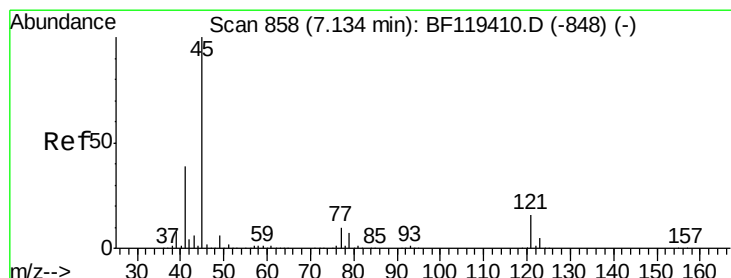
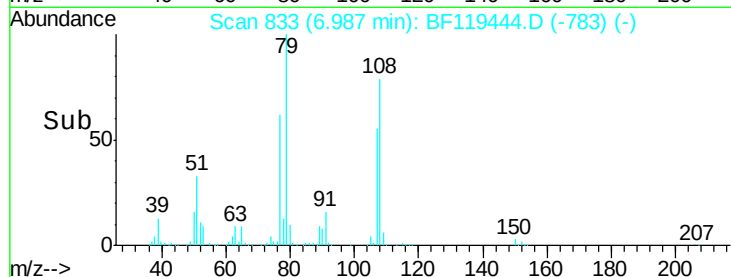
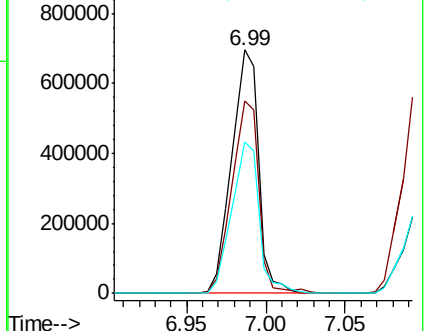
77 62.4 49.0 73.4



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: 36.571 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

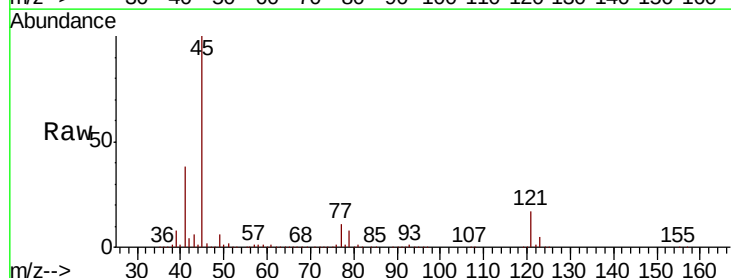
Tgt Ion: 45 Resp: 1754577

Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.1

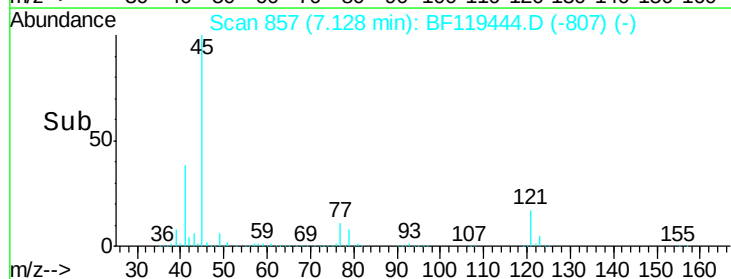
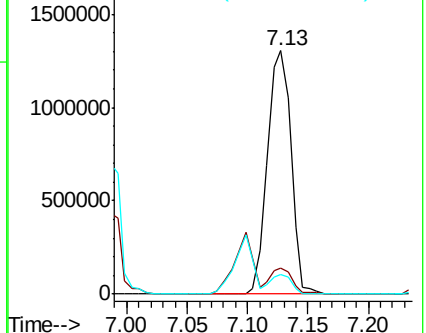
79 8.2 0.0 27.4

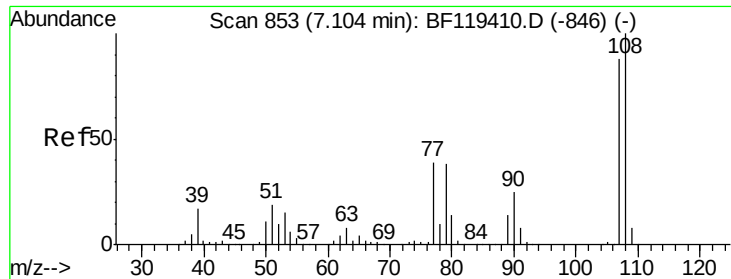


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

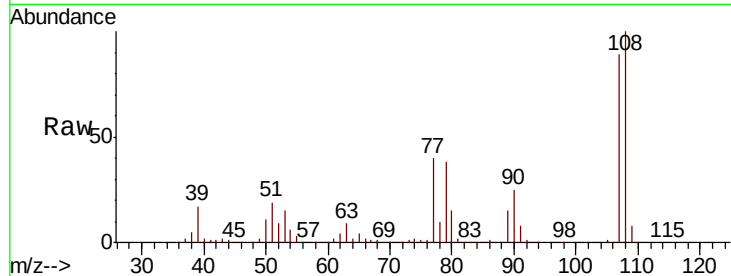




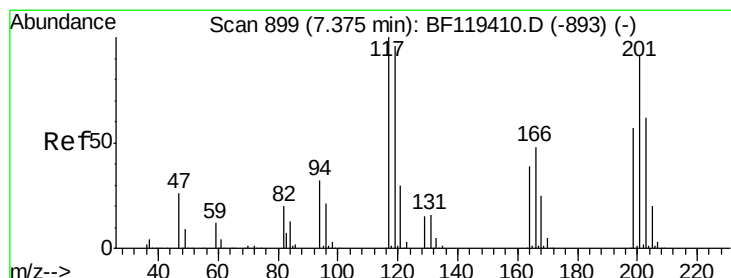
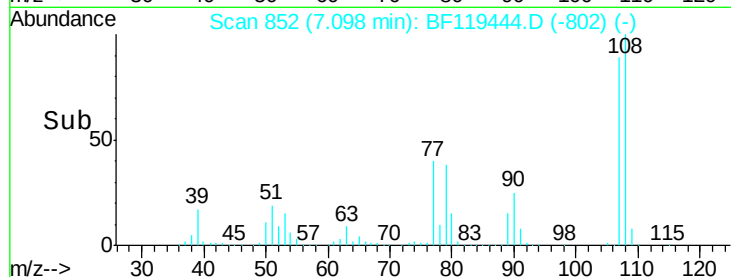
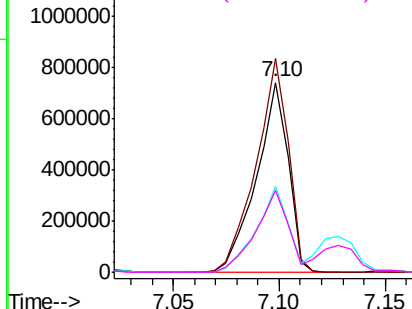
#17
2-Methylphenol
Concen: 36.796 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:107 Resp: 772562
Ion Ratio Lower Upper
107 100
108 112.7 90.7 136.1
77 45.2 35.6 53.4
79 43.3 34.7 52.1

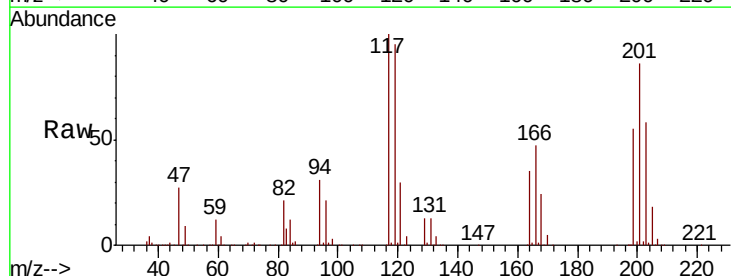


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

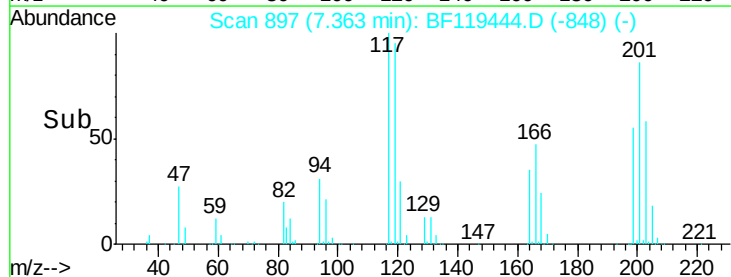
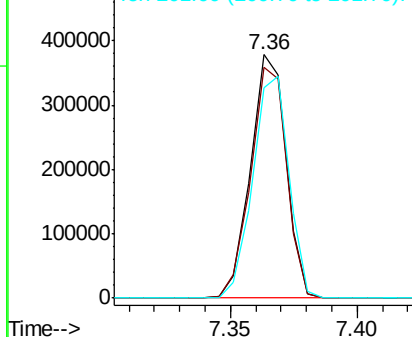


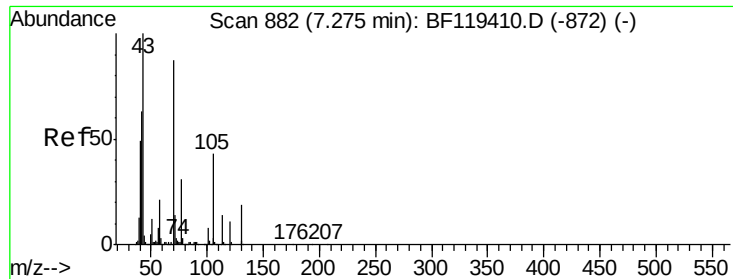
#18
Hexachloroethane
Concen: 40.749 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion:117 Resp: 370465
Ion Ratio Lower Upper
117 100
119 94.8 76.8 115.2
201 86.3 72.5 108.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

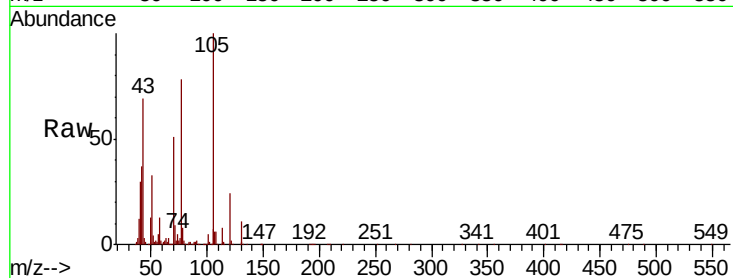




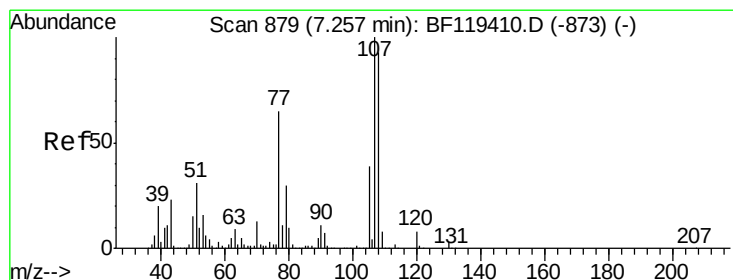
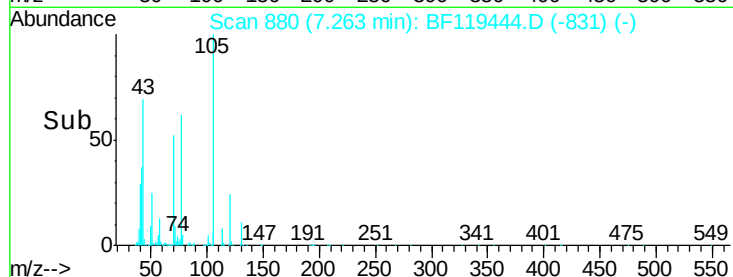
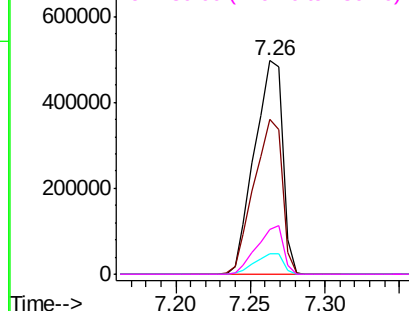
#19
n-Nitroso-di-n-propylamine
Concen: 38.482 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 646490
Ion Ratio Lower Upper
70 100
42 72.8 58.2 87.4
101 9.9 7.4 11.2
130 20.9 17.8 26.8

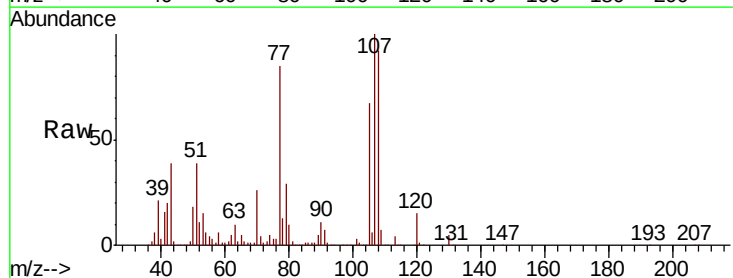


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

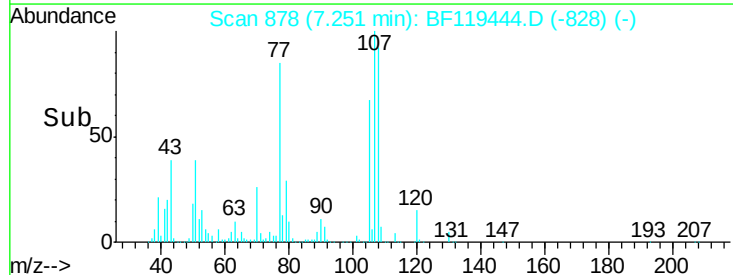
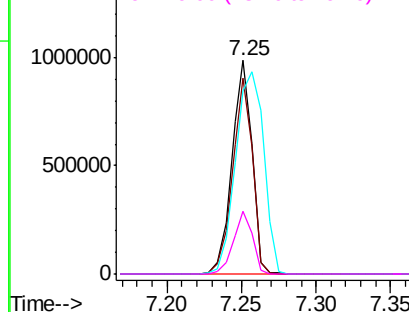


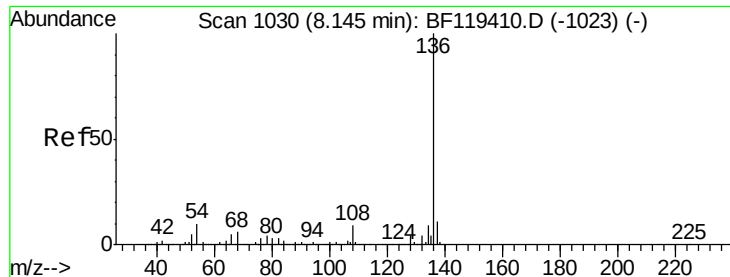
#20
3+4-Methylphenols
Concen: 36.427 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion:107 Resp: 937317
Ion Ratio Lower Upper
107 100
108 91.8 72.6 112.6
77 85.5 44.7 84.7#
79 29.3 10.2 50.2



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

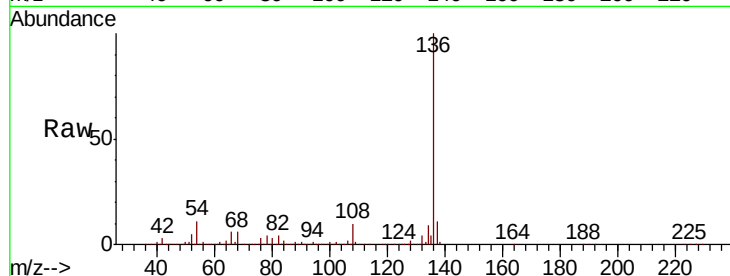




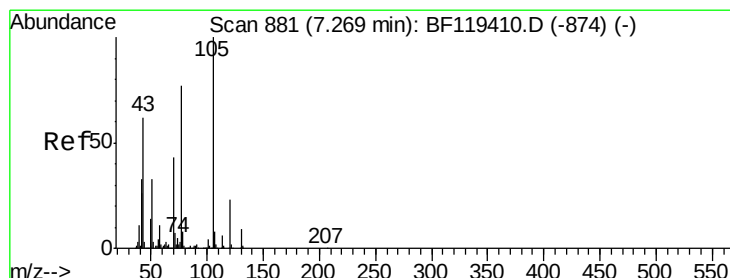
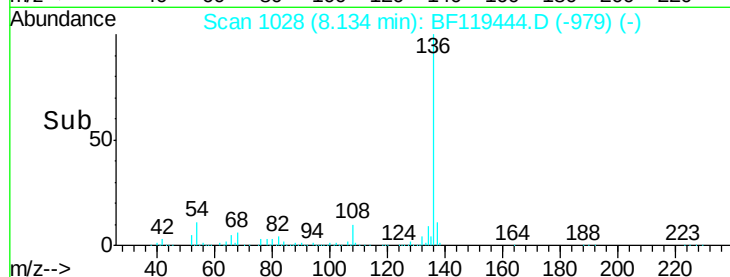
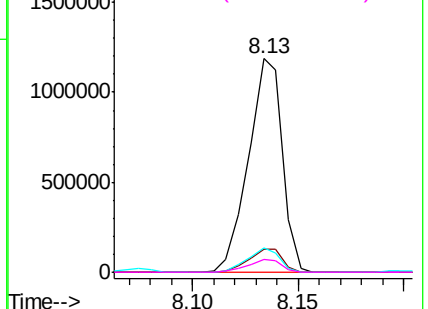
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp: 1322871
Ion Ratio	Lower Upper
136 100	
137 11.1	8.4 12.6
54 11.4	8.3 12.5
68 6.2	4.9 7.3

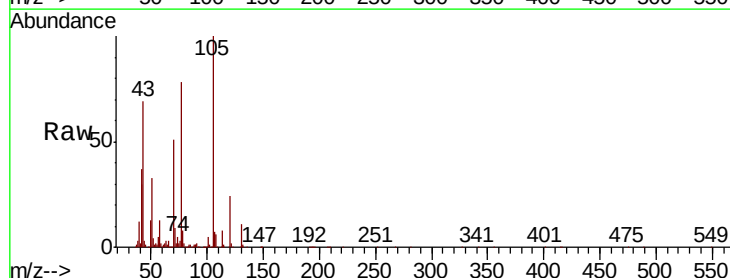


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

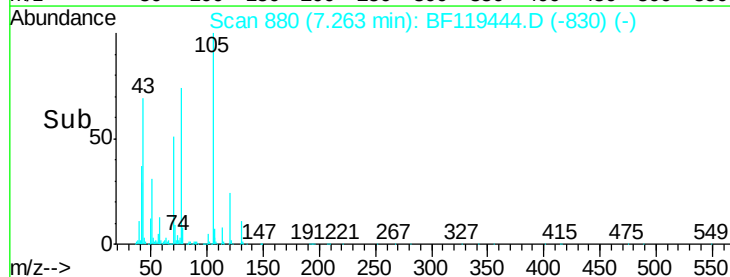
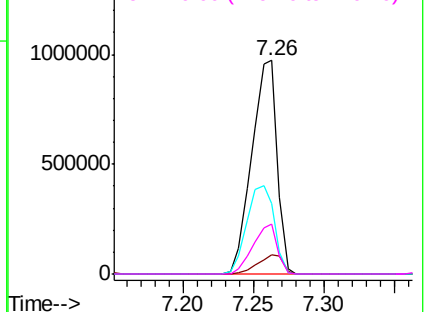


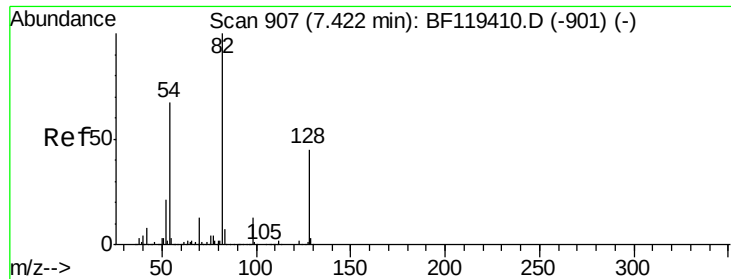
#22
Acetophenone
Concen: 38.909 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt	Ion:105	Resp:	1229908
Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.8	8.6#
51	33.1	26.8	40.2
120	23.6	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

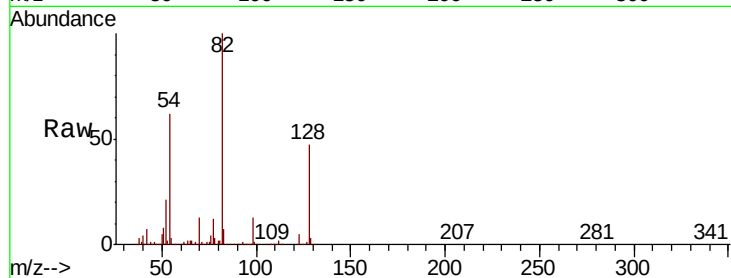




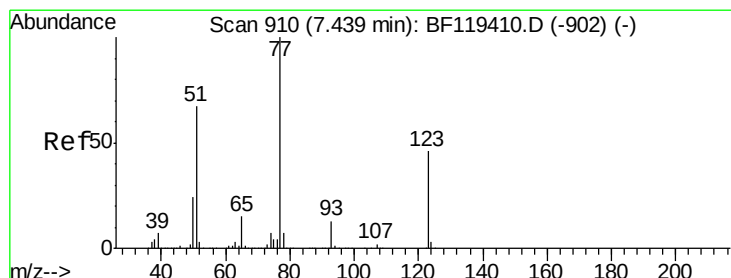
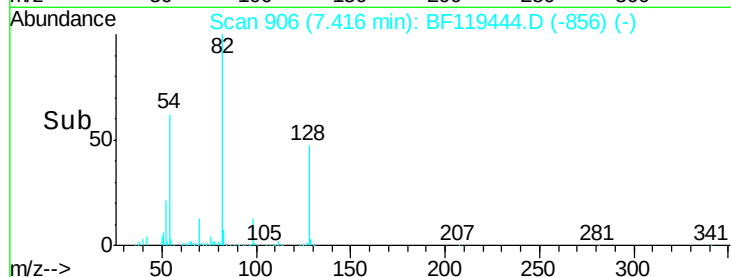
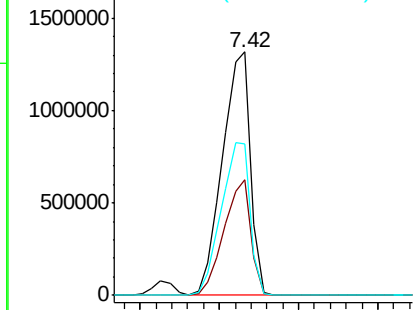
#23
 Nitrobenzene-d5
 Concen: 66.111 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 1609207
 Ion Ratio Lower Upper
 82 100
 128 47.4 35.8 53.8
 54 62.4 53.4 80.0

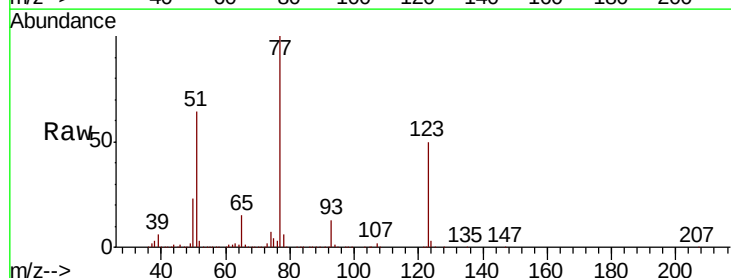


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

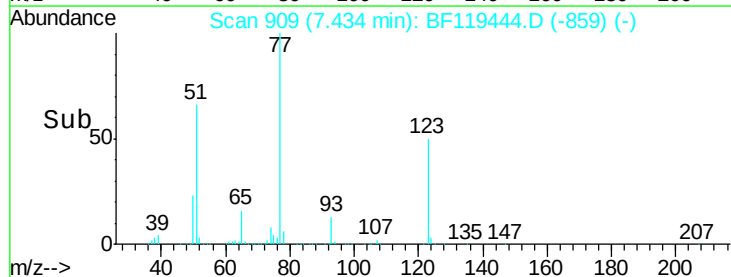
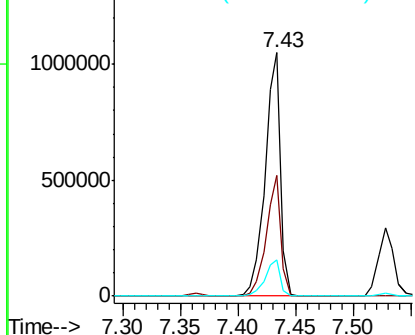


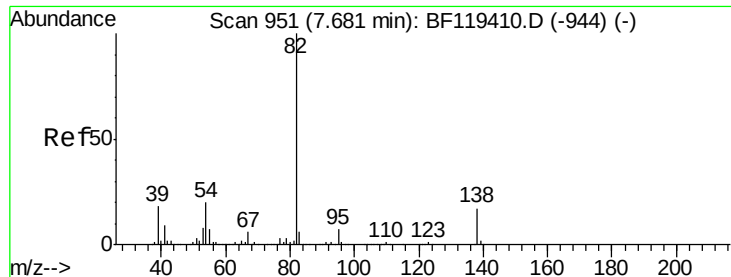
#24
 Nitrobenzene
 Concen: 37.866 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion: 77 Resp: 985001
 Ion Ratio Lower Upper
 77 100
 123 49.6 36.9 55.3
 65 15.1 12.2 18.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.986 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

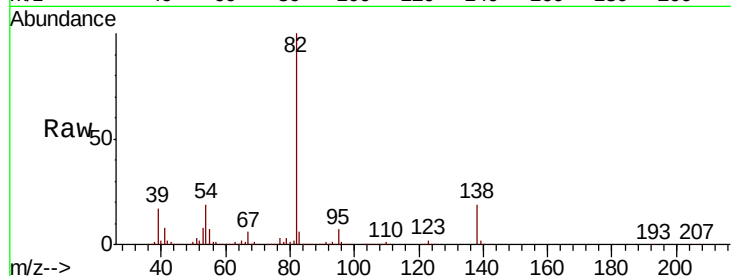
Tot Ion: 82 Resp: 1826224

Ion Ratio Lower Upper

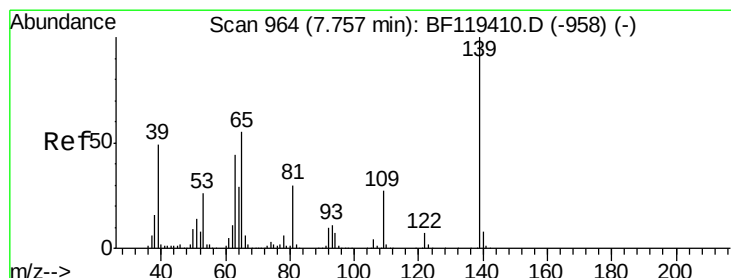
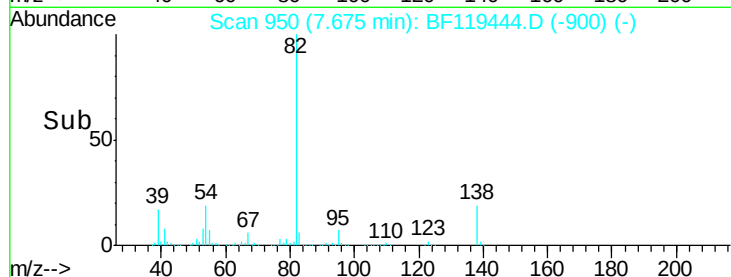
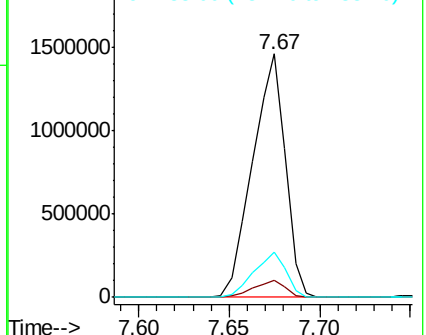
82 100

95 6.8 5.4 8.2

138 18.8 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.231 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

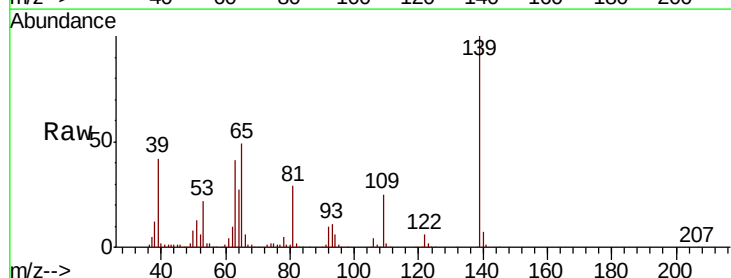
Tgt Ion: 139 Resp: 463271

Ion Ratio Lower Upper

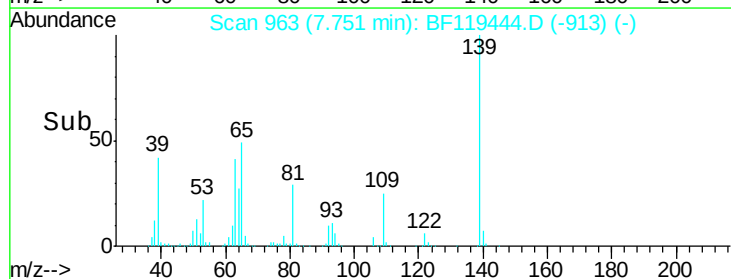
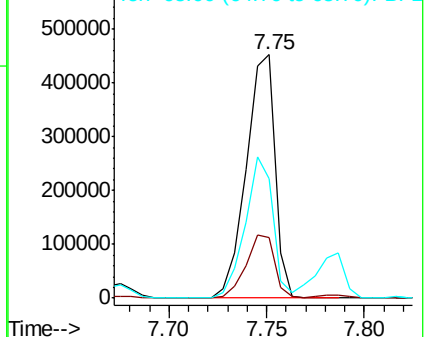
139 100

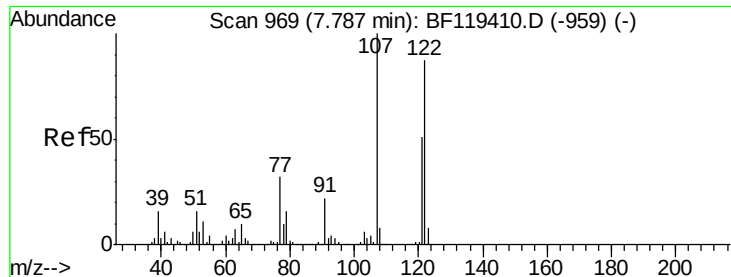
109 24.9 21.7 32.5

65 49.0 43.9 65.9



Abundance Ion 139.00 (138.70 to 139.70): BF1
600000
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.381 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampled :

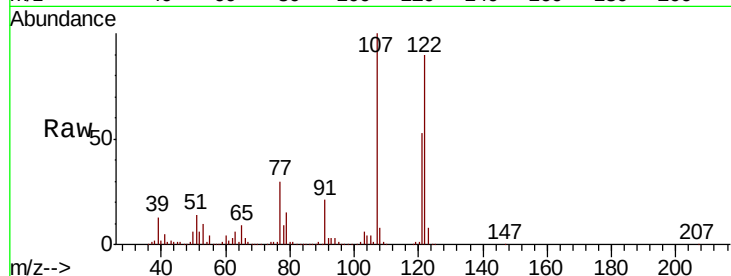
Tot Ion:122 Resp: 876382

Ion Ratio Lower Upper

122 100

107 111.0 91.8 137.6

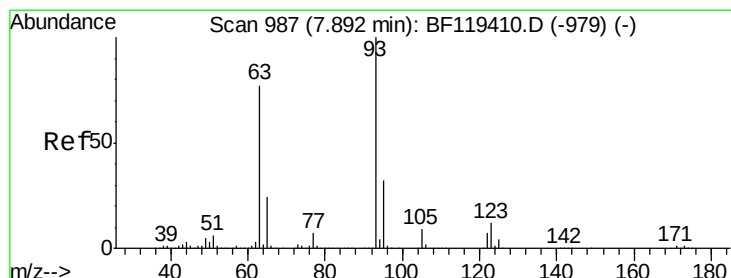
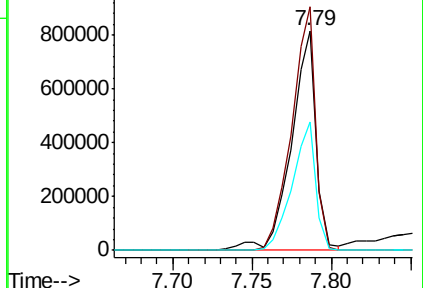
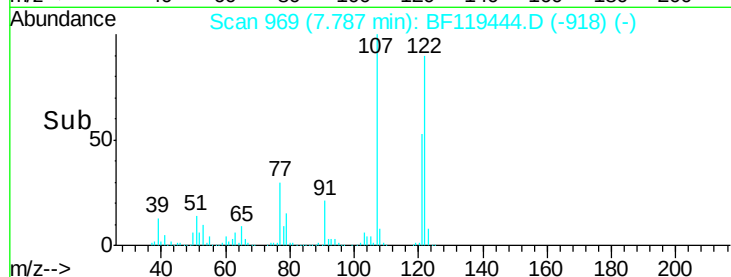
121 58.5 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.376 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

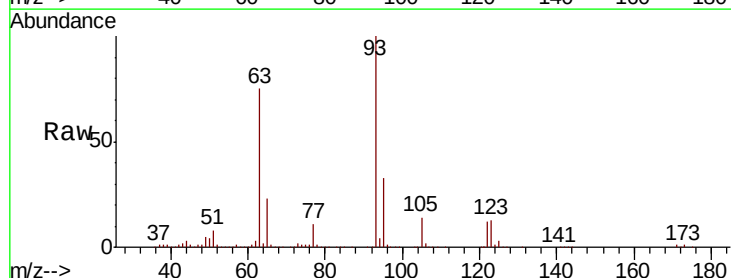
Tgt Ion: 93 Resp: 1149683

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

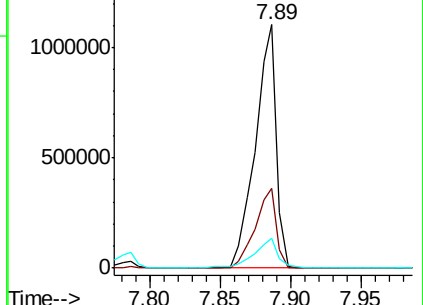
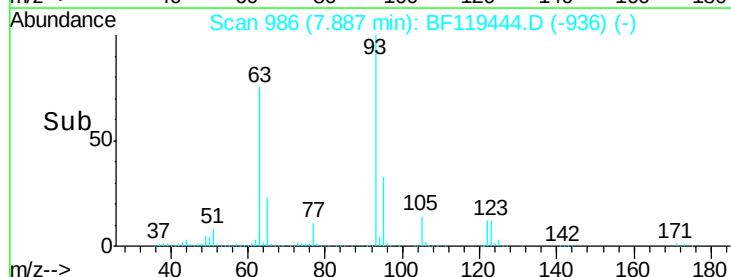
123 12.5 9.7 14.5

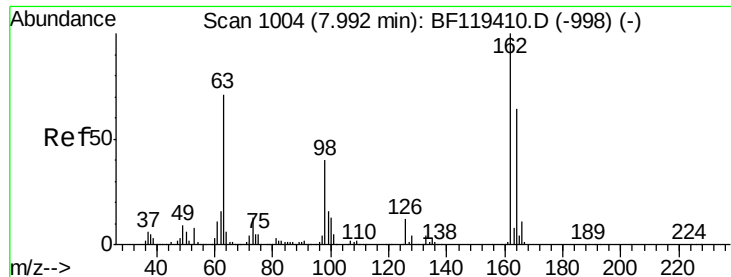


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

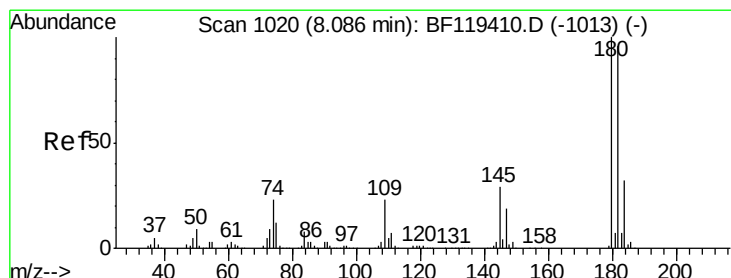
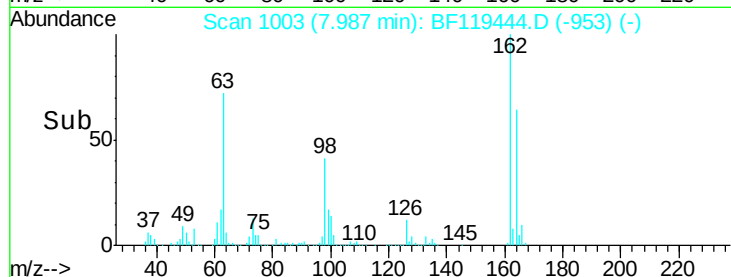
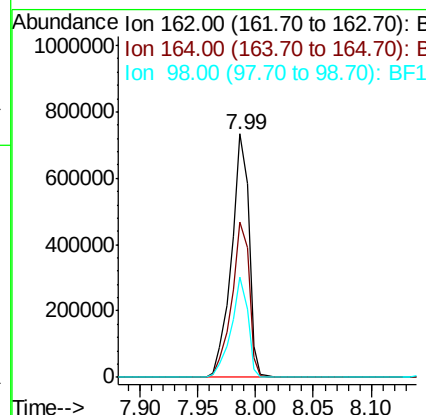
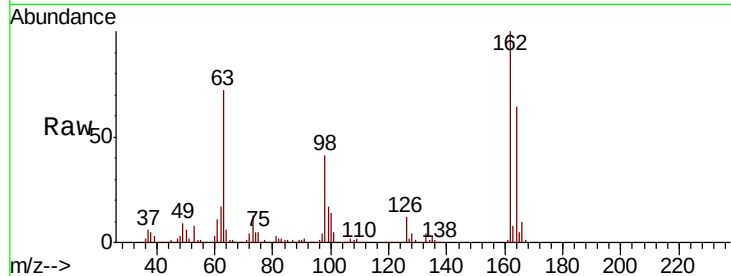




#29
 2,4-Dichlorophenol
 Concen: 39.509 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

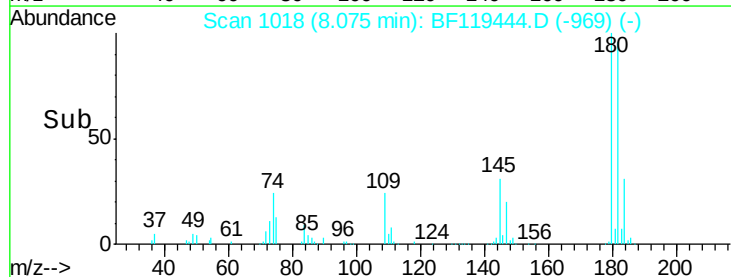
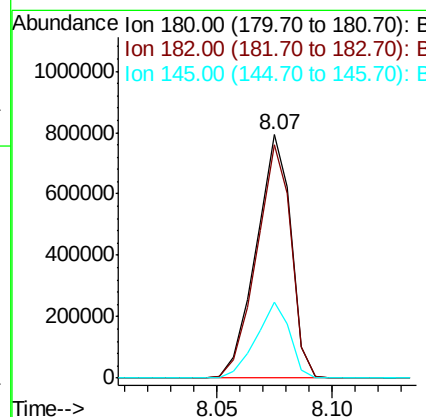
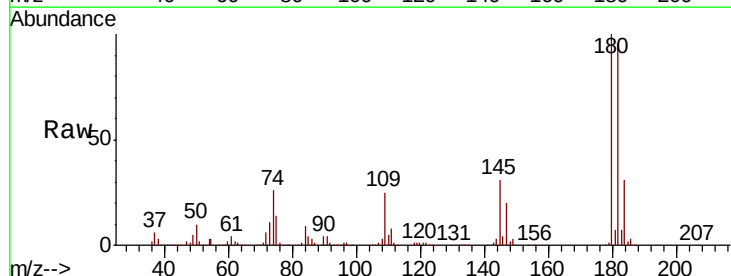
Instrument :
 BNA_N
 ClientSampled :

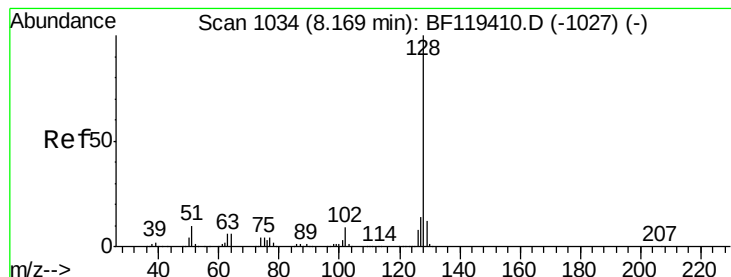
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.6	83.6
98	41.1	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 38.711 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	115.0
145	31.3	23.2	34.8





#31

Naphthalene

Concen: 39.029 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

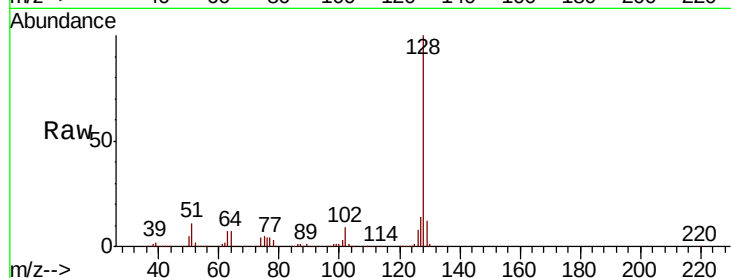
Tot Ion:128 Resp: 2656953

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

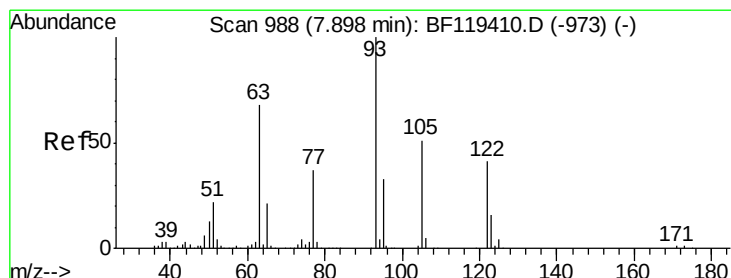
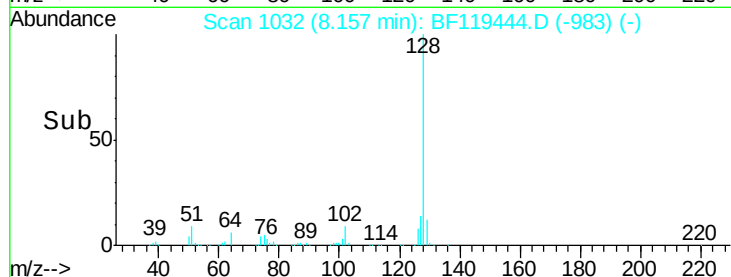
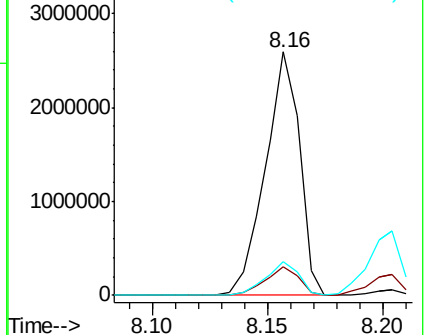
127 14.1 11.0 16.4



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: 37.115 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

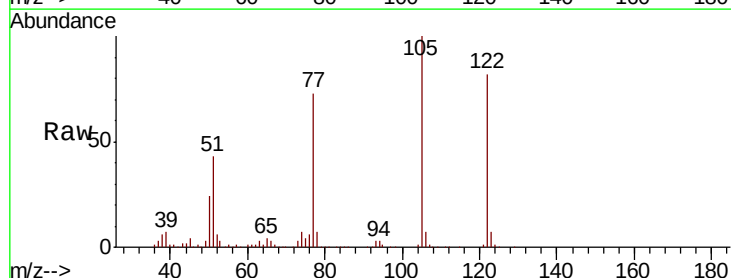
Tgt Ion:122 Resp: 505625

Ion Ratio Lower Upper

122 100

105 122.3 102.9 142.9

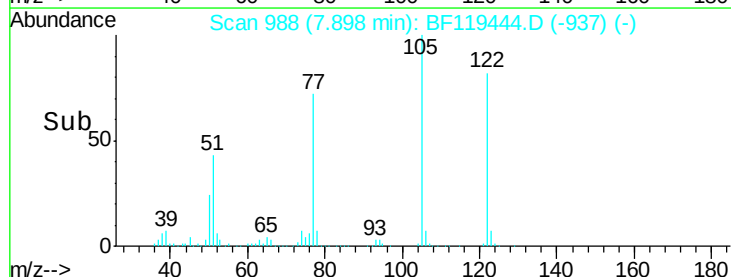
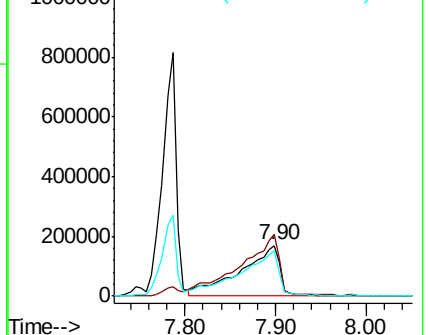
77 89.0 70.1 110.1

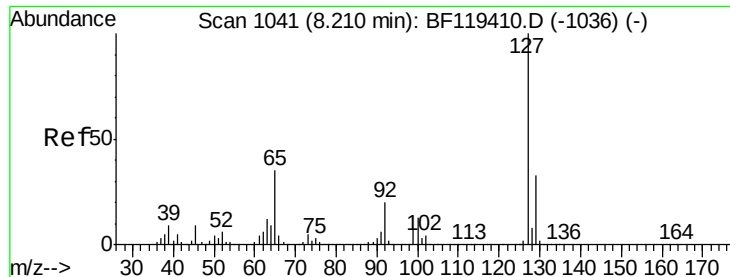


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

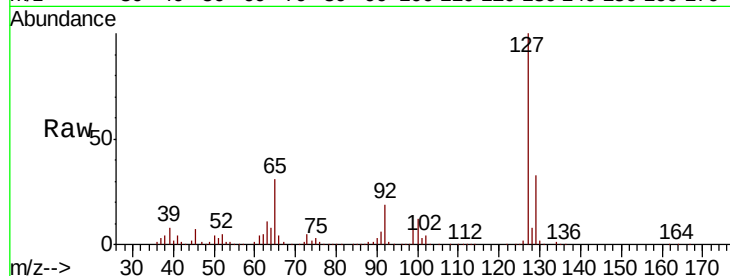




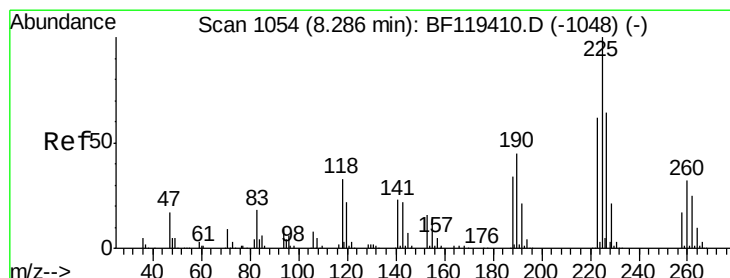
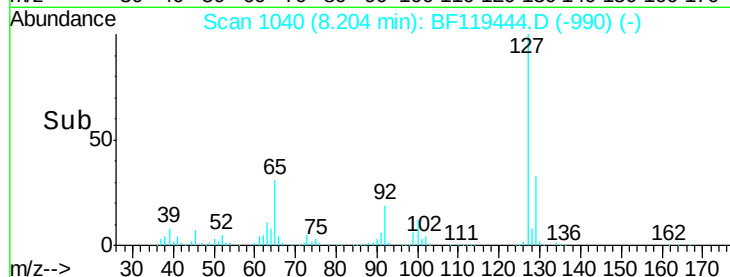
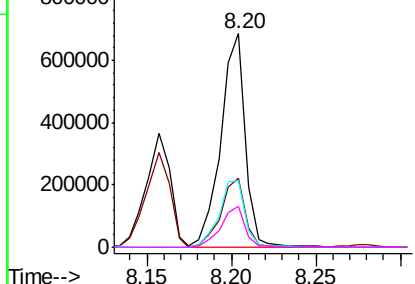
#33
4-Chloroaniline
Concen: 22.118 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	689957
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	31.1	27.7	41.5
92	19.0	15.8	23.6

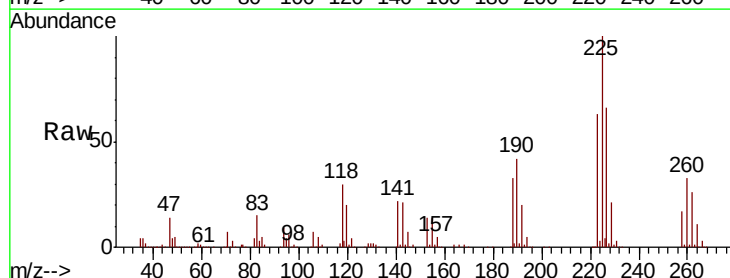


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

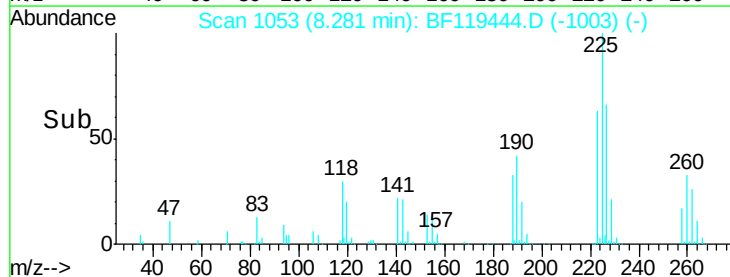
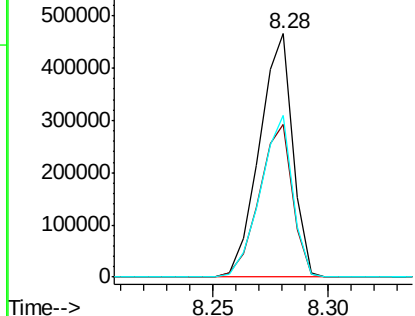


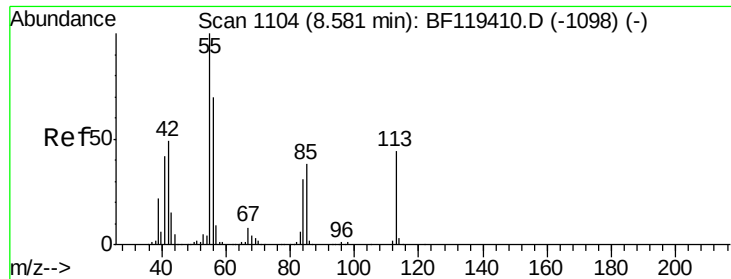
#34
Hexachlorobutadiene
Concen: 38.723 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion:	225	Resp:	466253
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.2	73.8
227	66.2	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

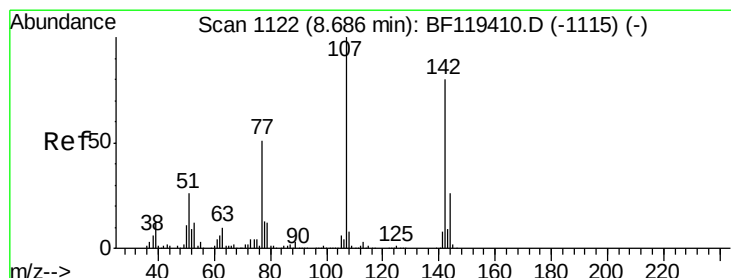
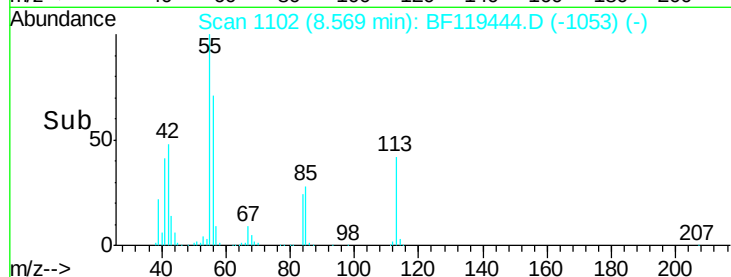
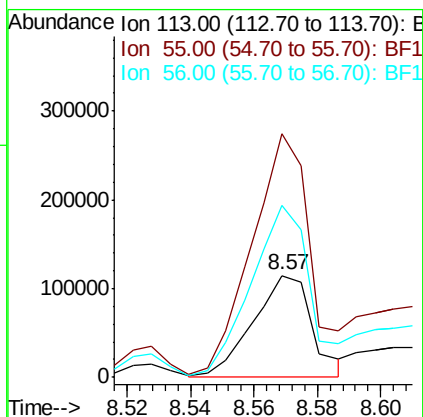
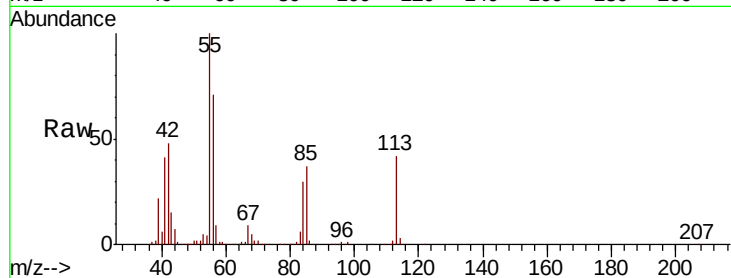




#35
 Caprolactam
 Concen: 23.304 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

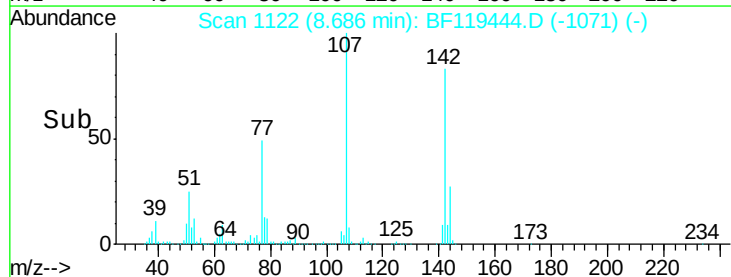
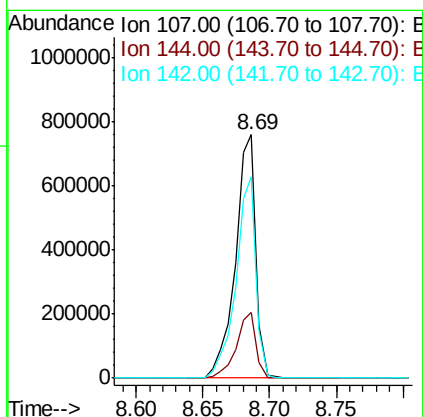
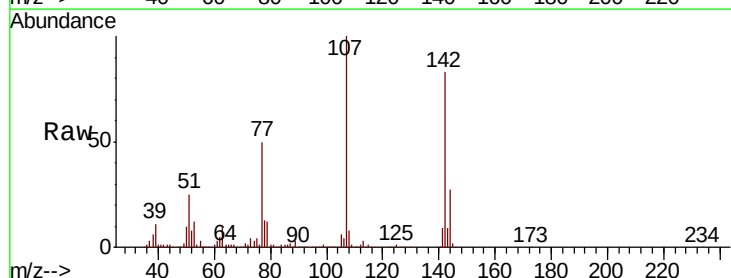
Instrument :
 BNA_N
 ClientSampleId :

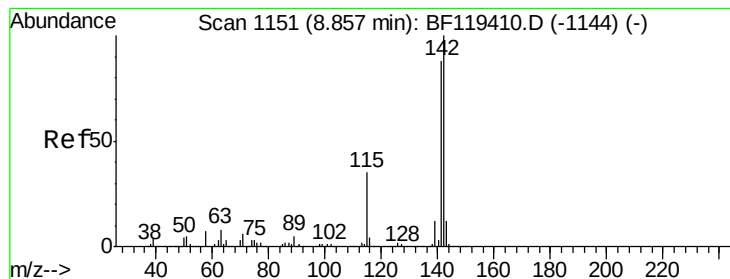
Tot Ion:113 Resp: 148414
 Ion Ratio Lower Upper
 113 100
 55 238.5 208.4 248.4
 56 168.5 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 38.328 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion:107 Resp: 815180
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.6 31.0
 142 82.5 63.8 95.6





#37

2-Methylnaphthalene

Concen: 39.836 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

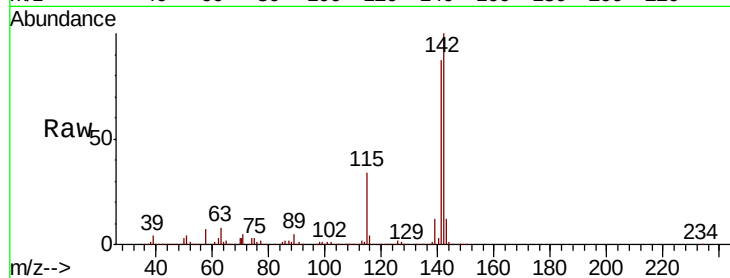
Tot Ion:142 Resp: 1779773

Ion Ratio Lower Upper

142 100

141 87.5 70.4 105.6

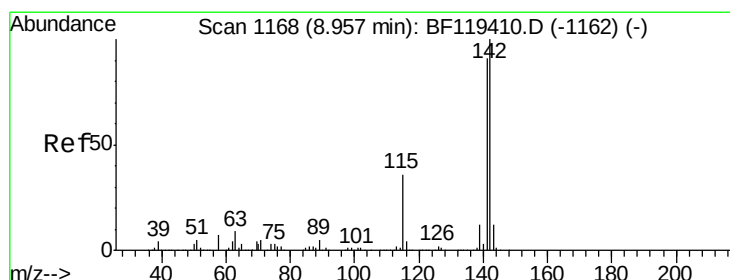
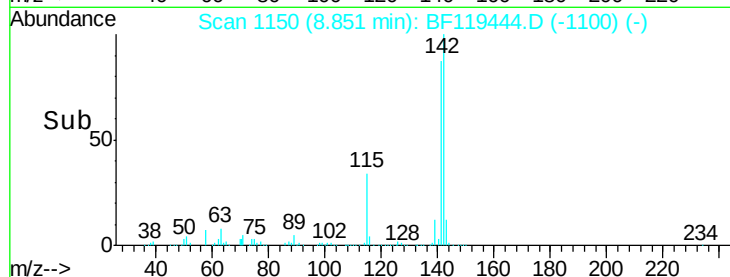
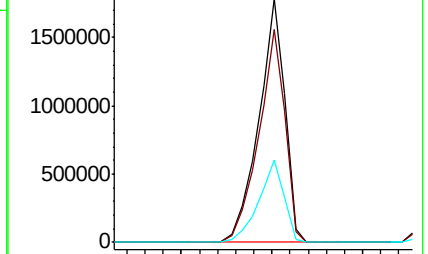
115 34.0 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.556 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

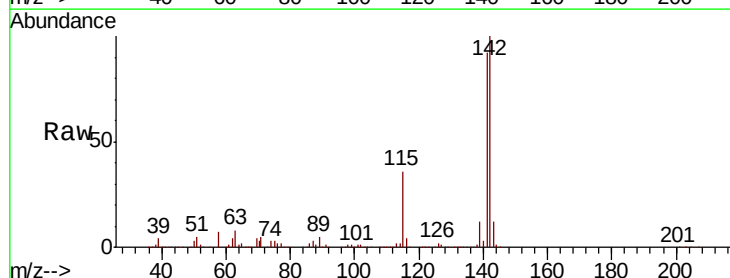
Tgt Ion:142 Resp: 1672752

Ion Ratio Lower Upper

142 100

141 91.9 73.1 109.7

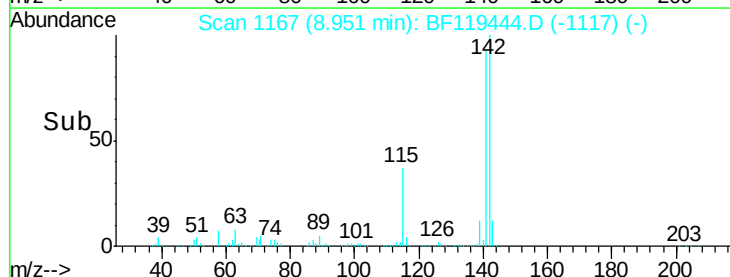
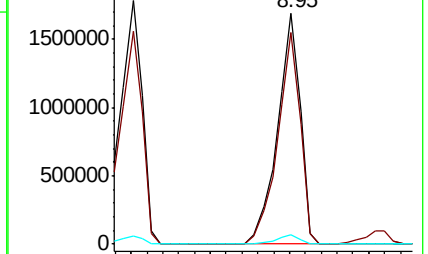
116 3.8 3.0 4.6

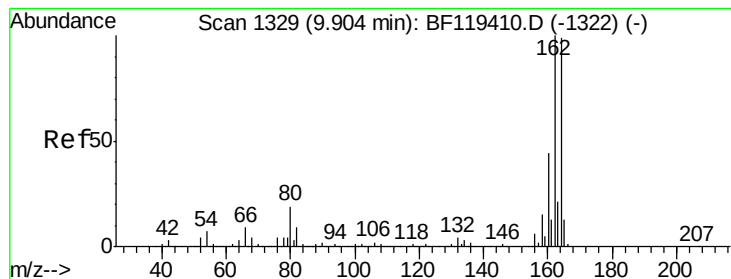


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

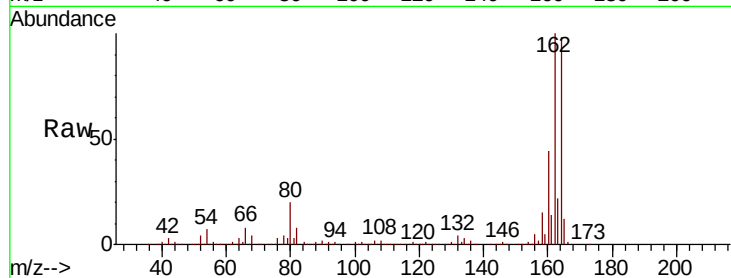
Tot Ion:164 Resp: 689699

Ion Ratio Lower Upper

164 100

162 102.0 80.7 121.1

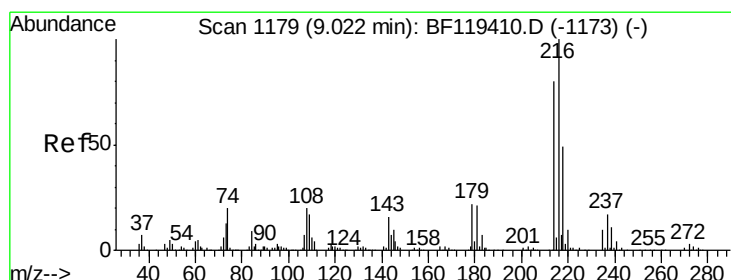
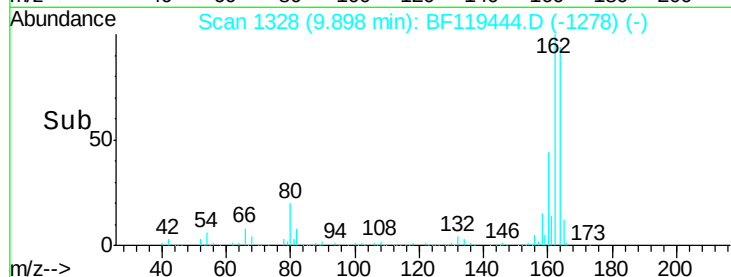
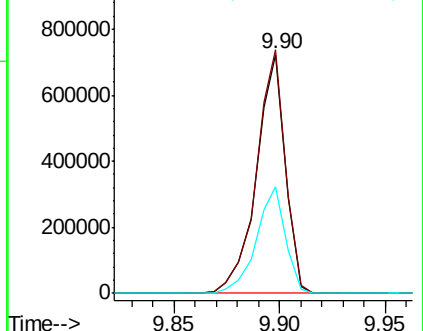
160 44.6 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.066 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion:216 Resp: 749314

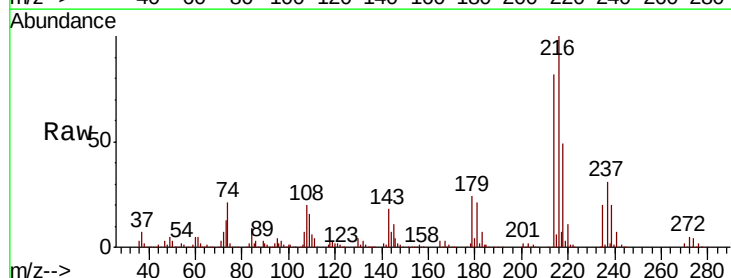
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.6

179 21.6 17.0 25.4

108 20.4 15.4 23.0

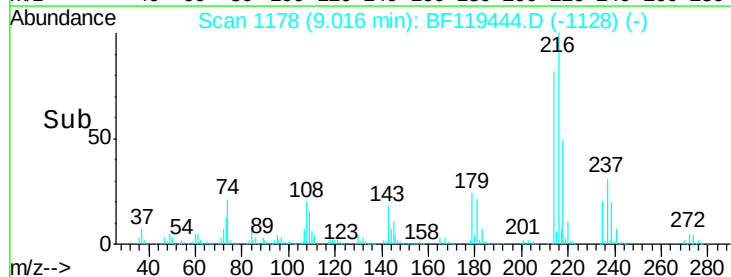
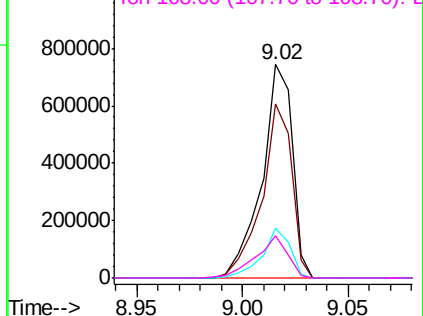


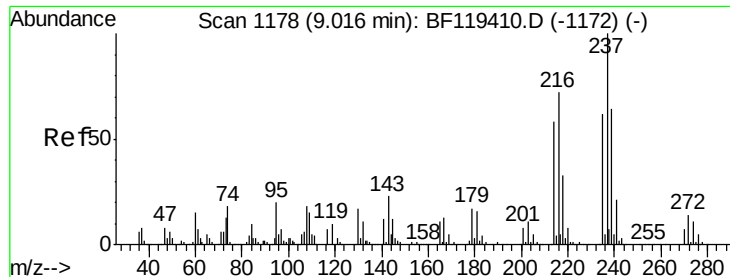
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 68.955 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

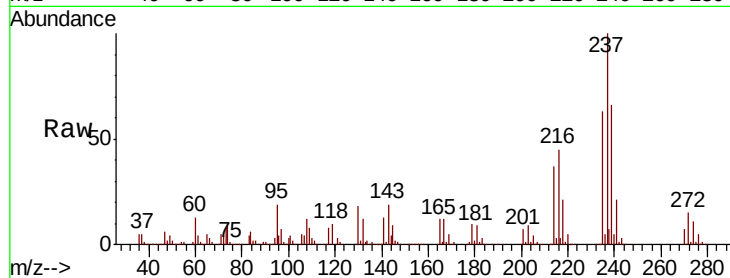
Tot Ion:237 Resp: 792486

Ion Ratio Lower Upper

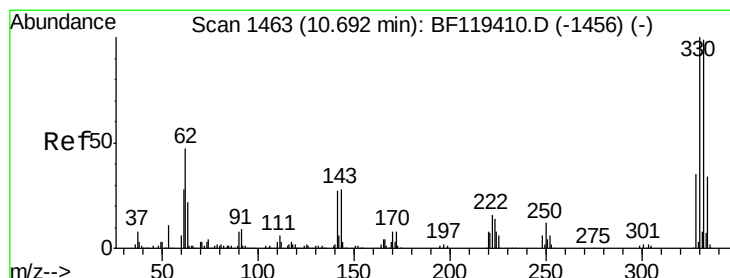
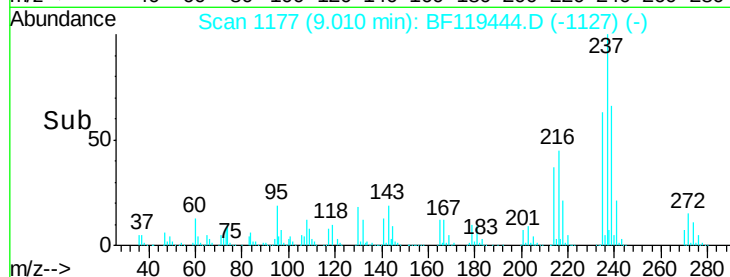
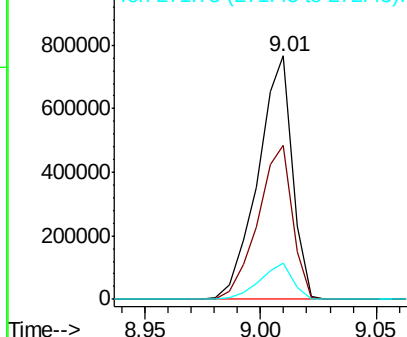
237 100

235 63.2 42.5 82.5

272 14.8 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: 109.075 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

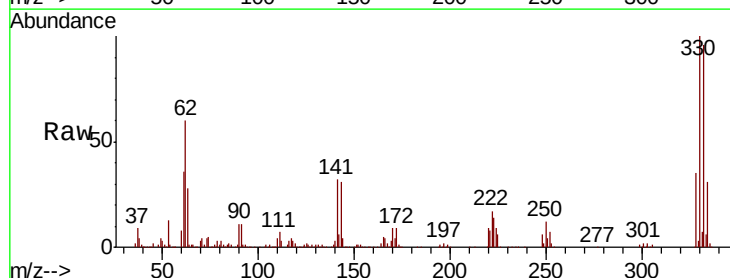
Tgt Ion:330 Resp: 776108

Ion Ratio Lower Upper

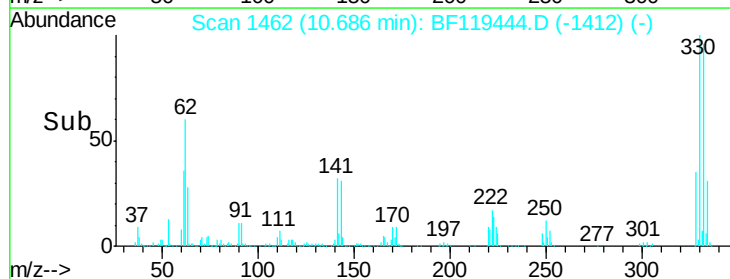
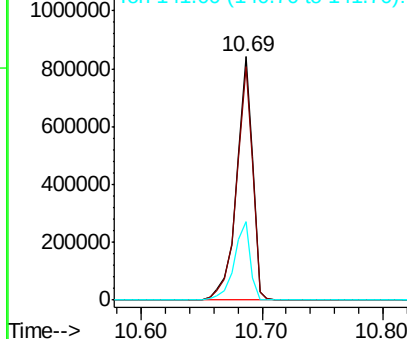
330 100

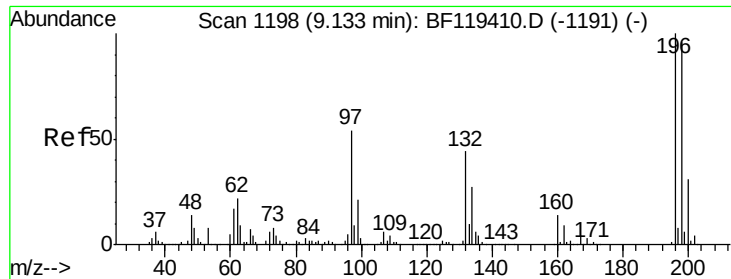
332 96.6 77.6 116.4

141 32.5 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

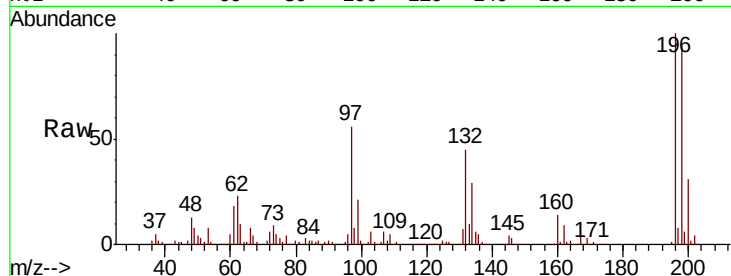




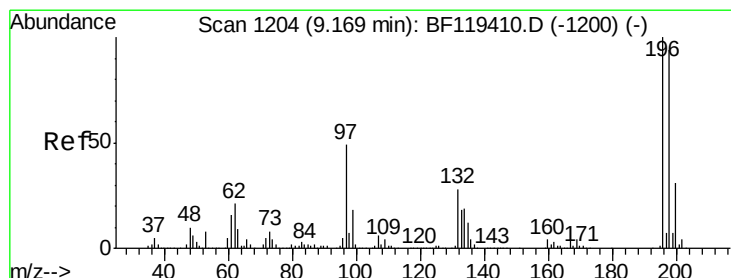
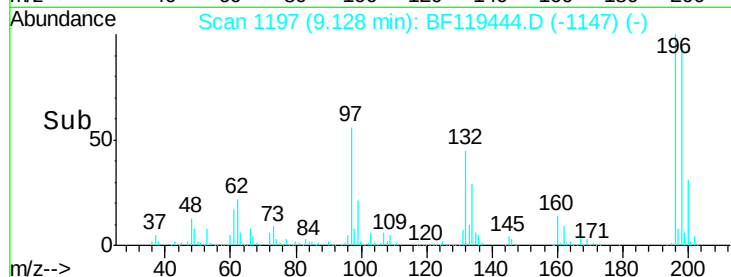
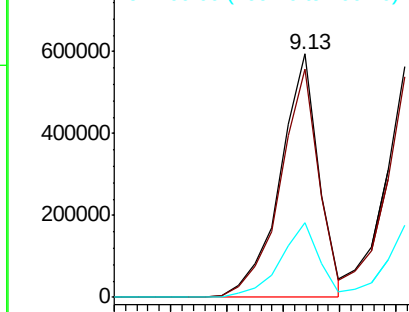
#43
 2,4,6-Trichlorophenol
 Concen: 38.957 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:196	Resp:	563575
Ion	Ratio	Lower Upper
196	100	
198	93.7	77.0 115.4
200	30.7	25.1 37.7

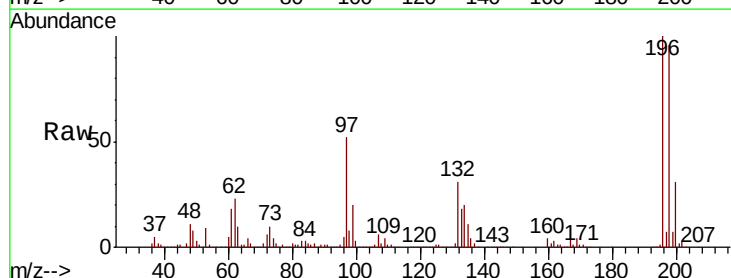


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

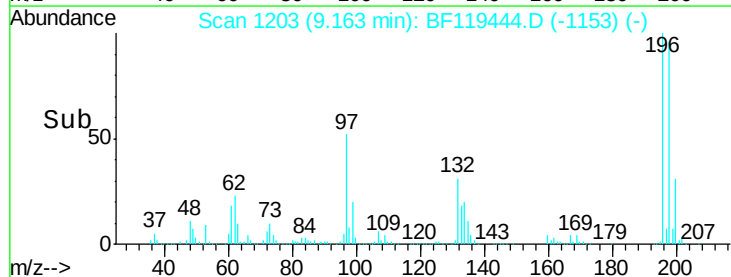
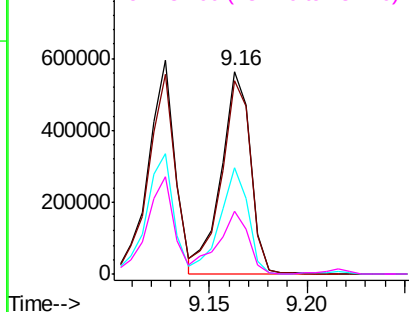


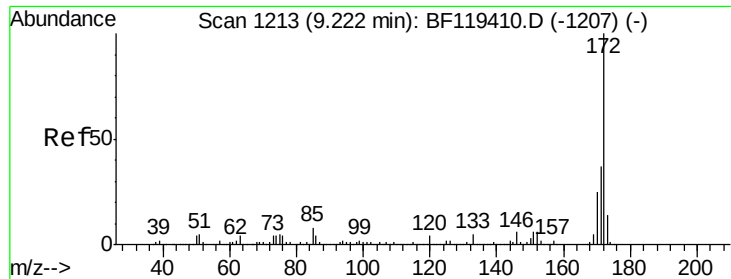
#44
 2,4,5-Trichlorophenol
 Concen: 36.189 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion:196	Resp:	586479
Ion	Ratio	Lower Upper
196	100	
198	95.6	75.3 112.9
97	52.5	39.0 58.4
132	30.7	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

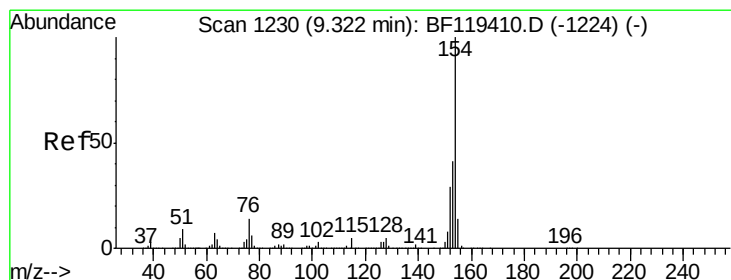
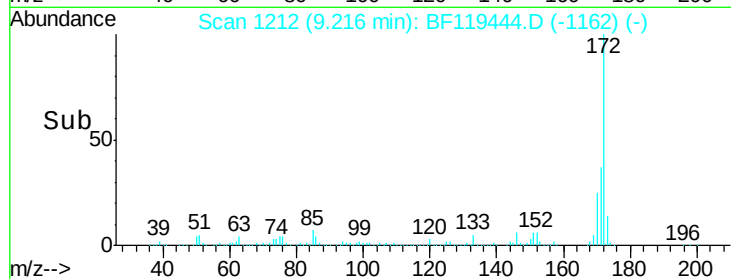
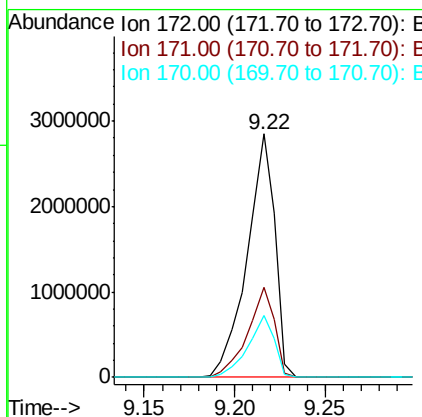
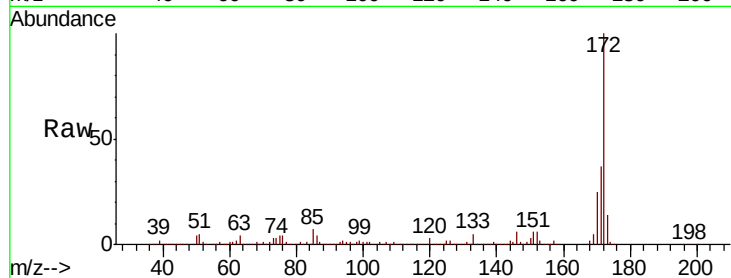




#45
 2-Fluorobiphenyl
 Concen: 64.923 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

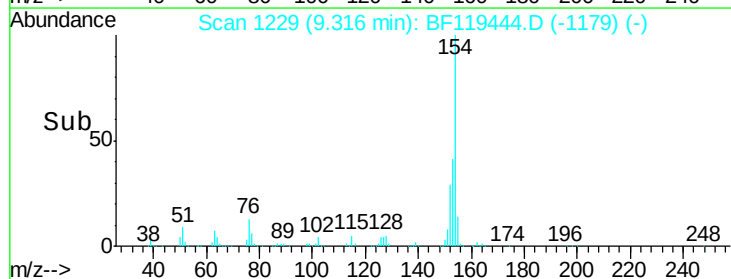
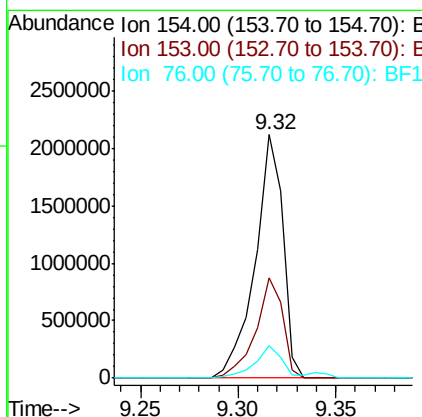
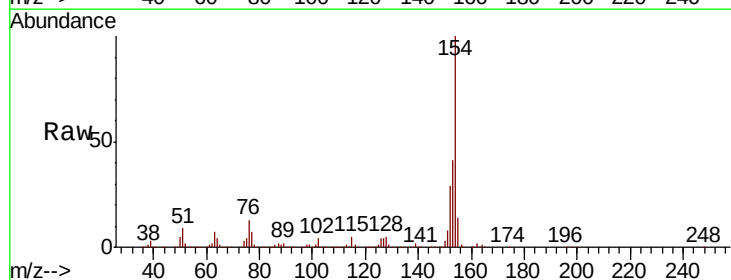
Instrument :
 BNA_N
 ClientSampleId :

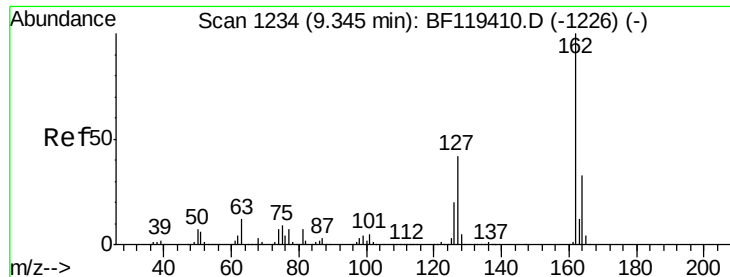
Tot Ion:172 Resp: 3022500
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.9 44.9
 170 25.3 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 37.270 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion:154 Resp: 2093549
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.4 61.4
 76 13.4 0.0 33.6

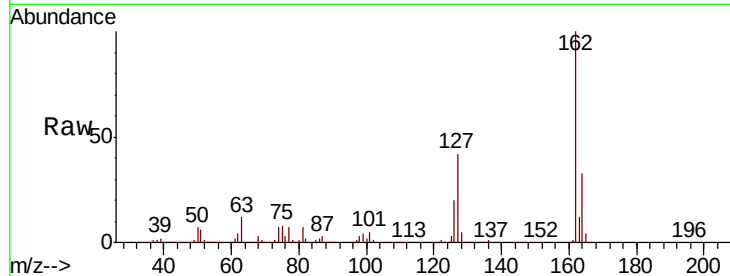




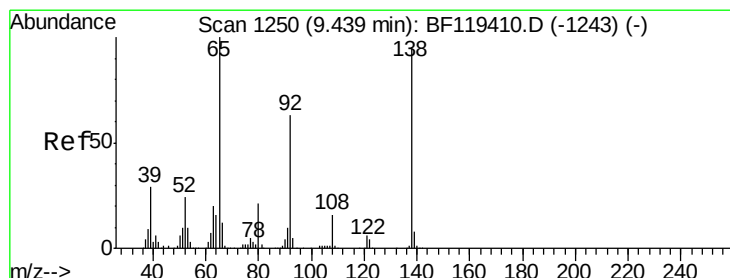
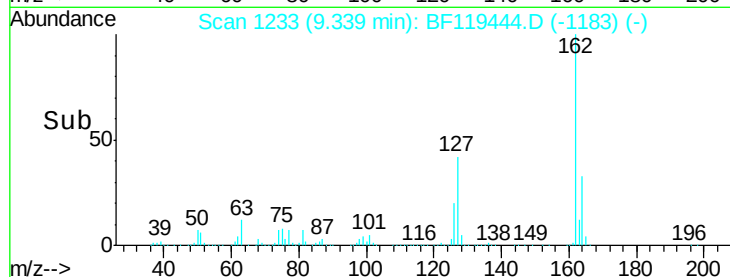
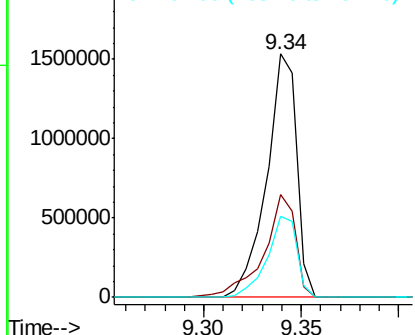
#47
 2-Chloronaphthalene
 Concen: 37.157 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:162 Resp: 1634915
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.7 50.5
 164 33.3 26.2 39.4

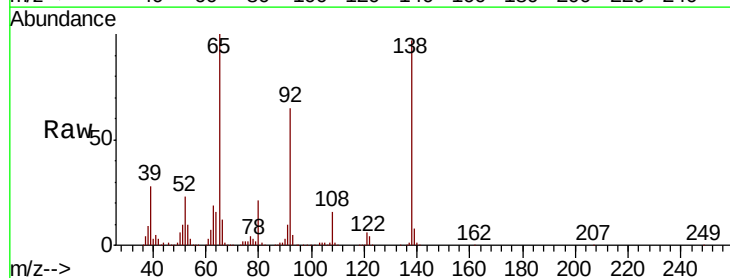


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

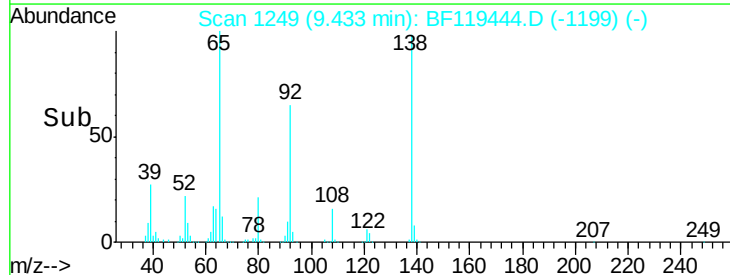
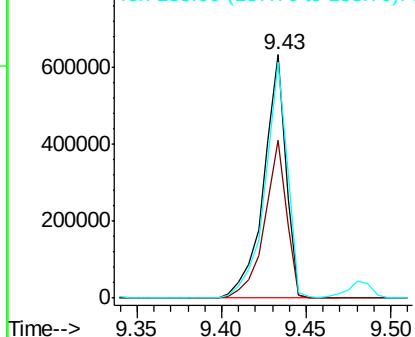


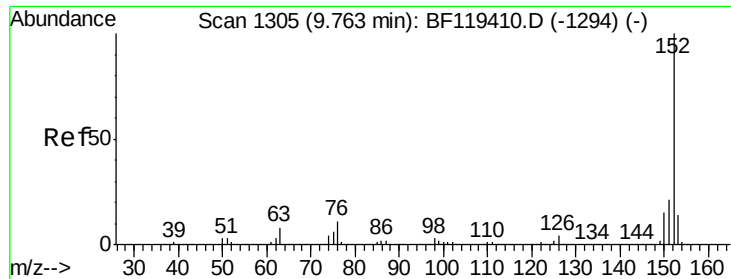
#48
 2-Nitroaniline
 Concen: 37.751 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion: 65 Resp: 573338
 Ion Ratio Lower Upper
 65 100
 92 64.9 50.5 75.7
 138 97.1 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: 37.473 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

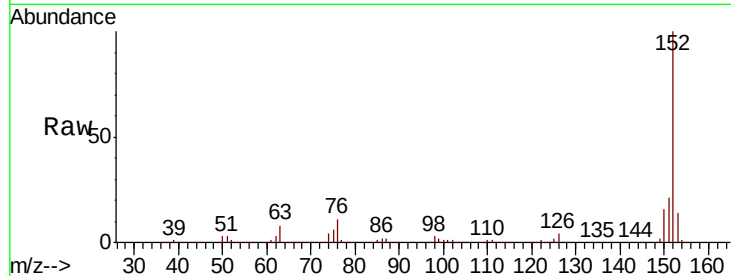
Tot Ion:152 Resp: 2589266

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

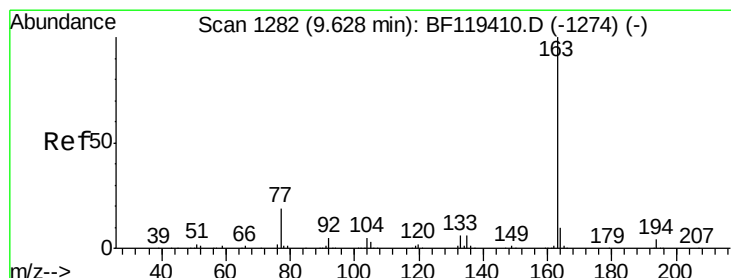
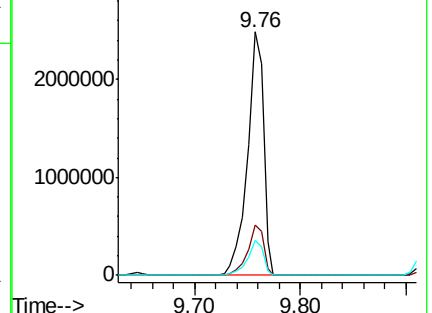
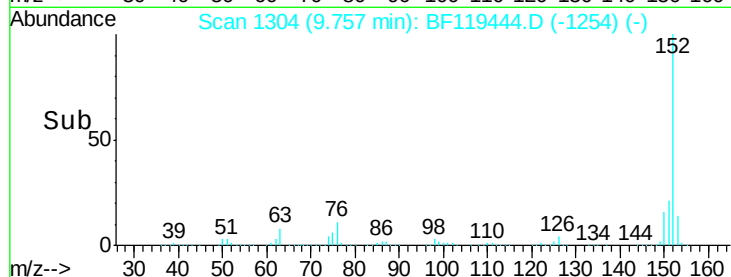
153 14.2 11.2 16.8



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: 38.005 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

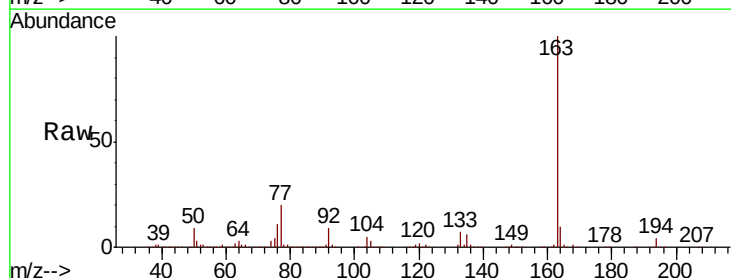
Tgt Ion:163 Resp: 1861839

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

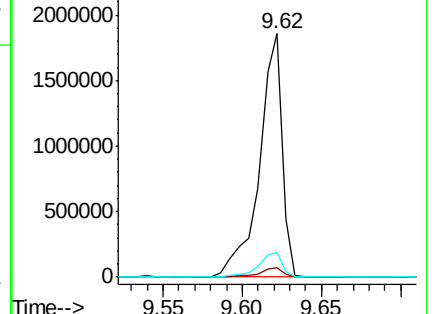
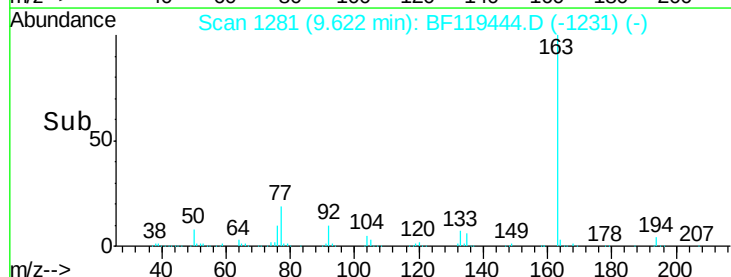
164 10.2 8.1 12.1

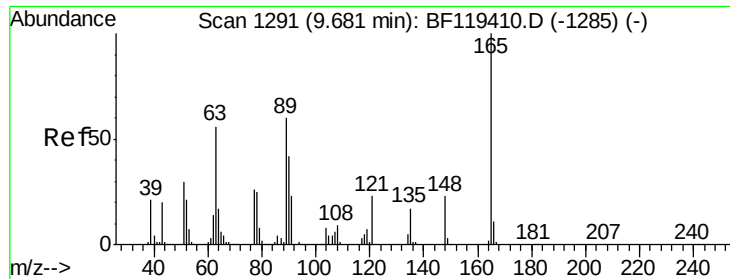


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.225 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

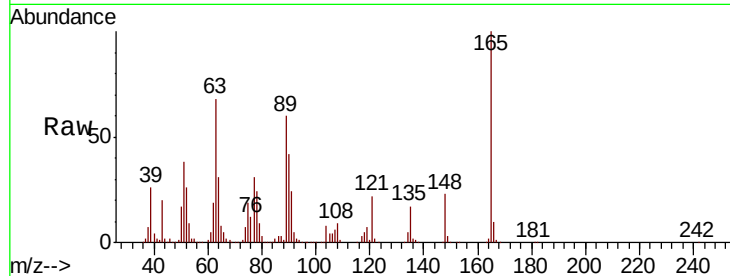
Tot Ion:165 Resp: 411885

Ion Ratio Lower Upper

165 100

63 68.2 57.3 85.9

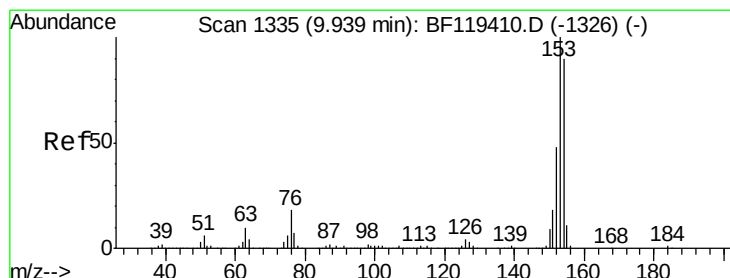
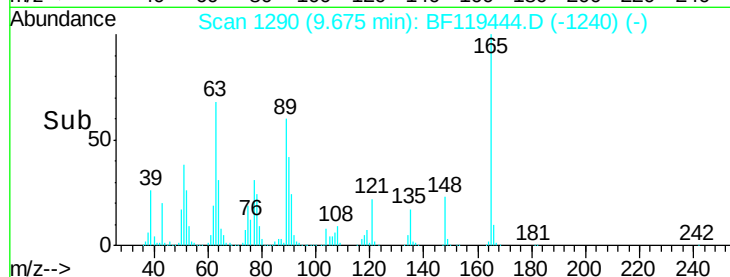
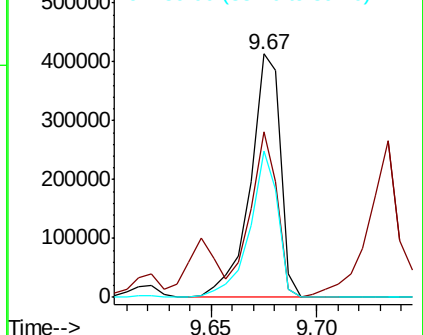
89 60.3 47.8 71.8



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: 39.510 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

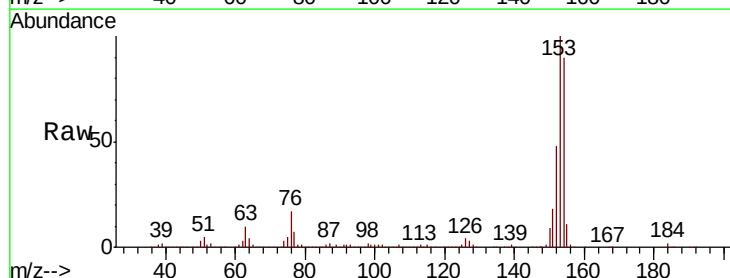
Tgt Ion:154 Resp: 1701926

Ion Ratio Lower Upper

154 100

153 111.5 89.0 133.6

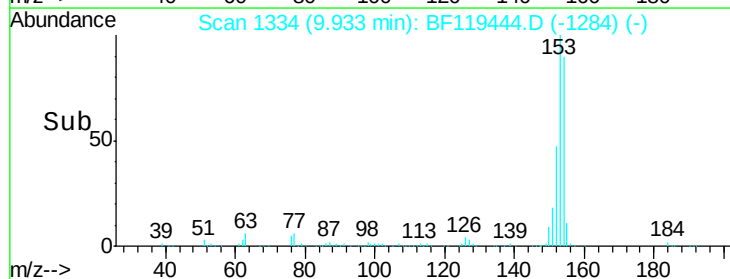
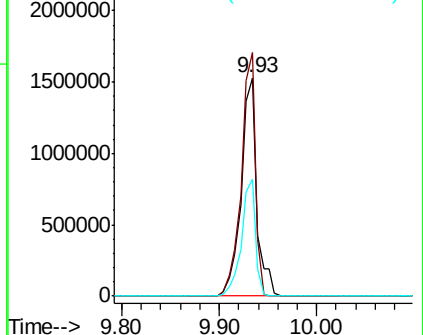
152 53.5 43.1 64.7

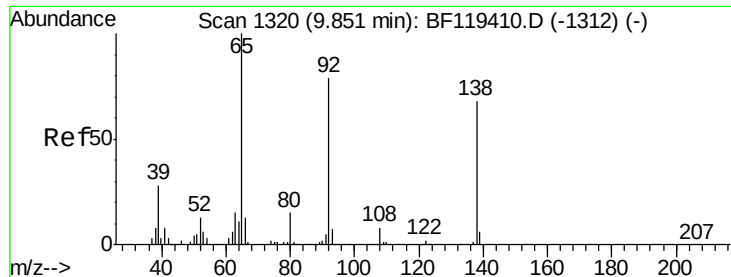


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

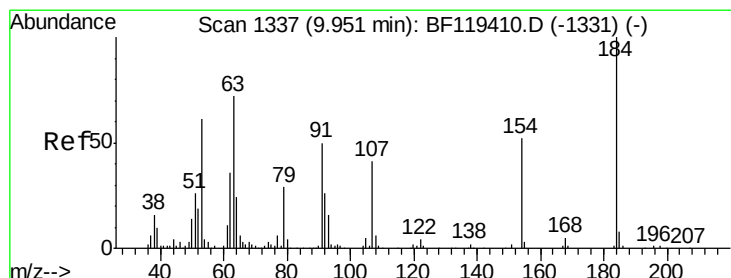
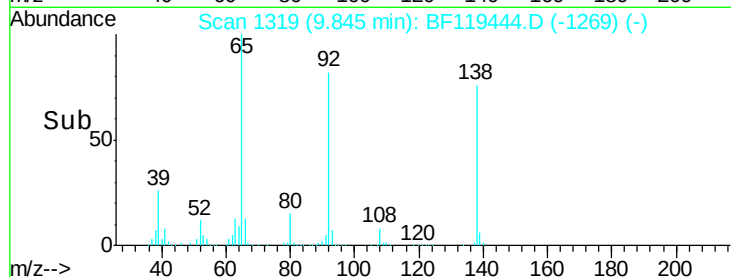
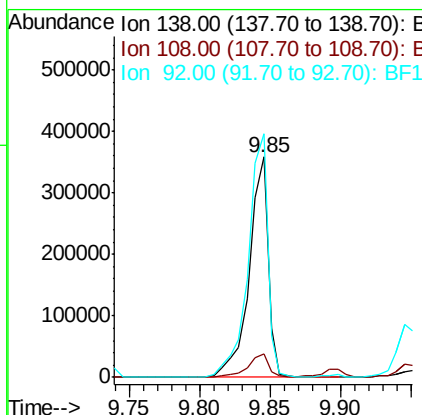
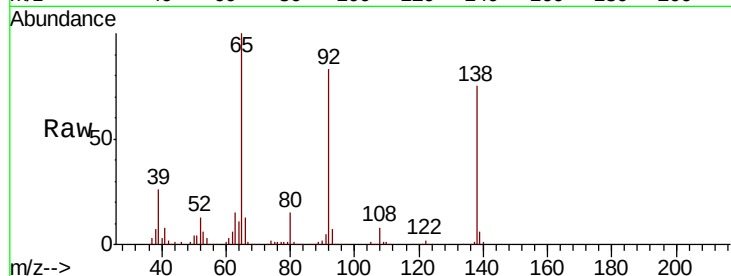




#53
 3-Nitroaniline
 Concen: 25.728 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

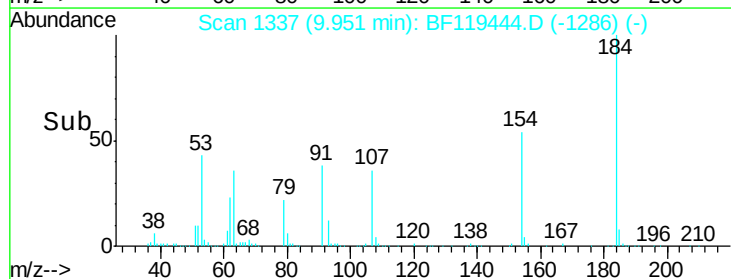
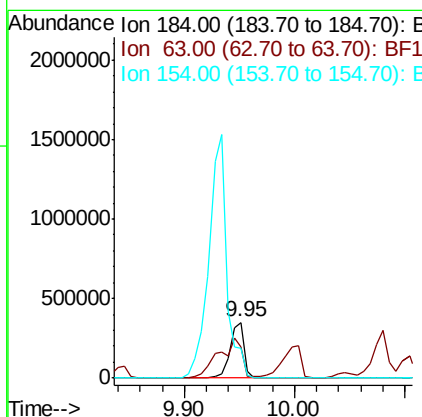
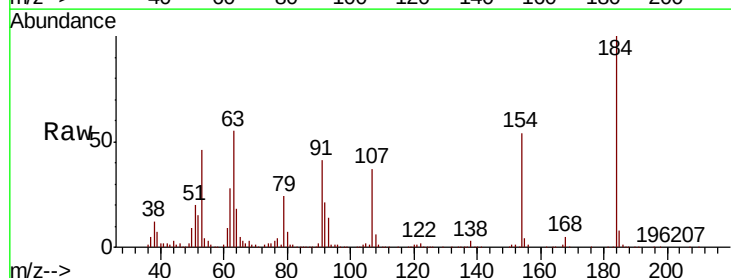
Instrument :
 BNA_N
 ClientSampleId :

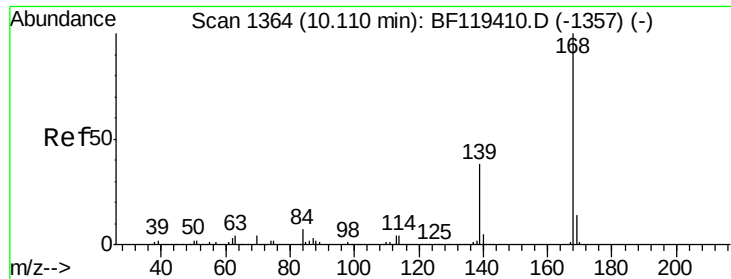
Tot Ion:138 Resp: 341077
 Ion Ratio Lower Upper
 138 100
 108 10.9 9.0 13.6
 92 110.6 93.2 139.8



#54
 2,4-Dinitrophenol
 Concen: 70.011 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion:184 Resp: 313568
 Ion Ratio Lower Upper
 184 100
 63 55.4 58.5 87.7#
 154 54.2 51.8 77.6

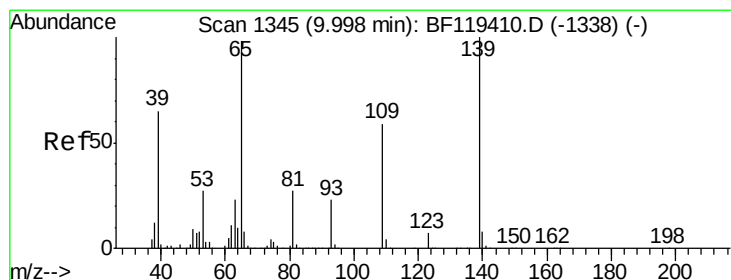
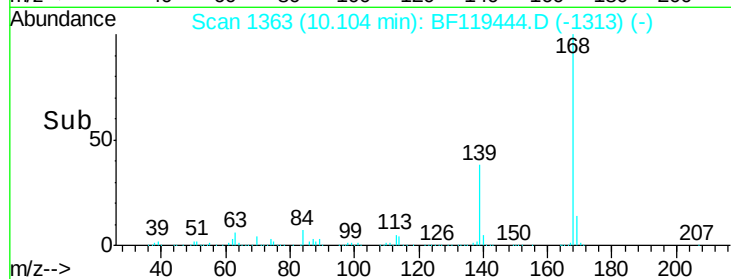
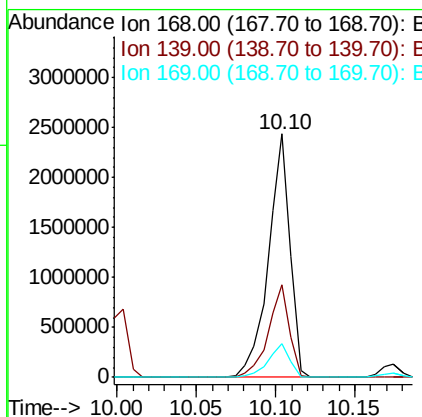
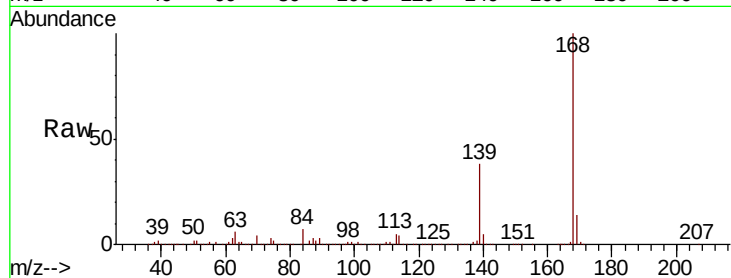




#55
Dibenzofuran
Concen: 37.621 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

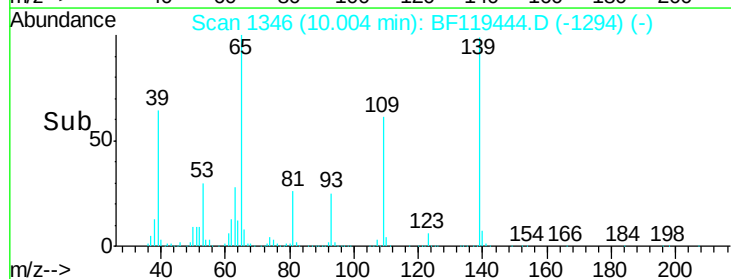
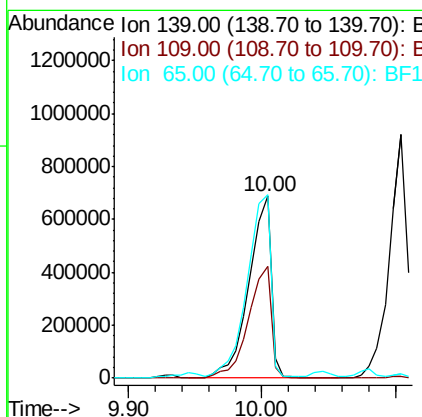
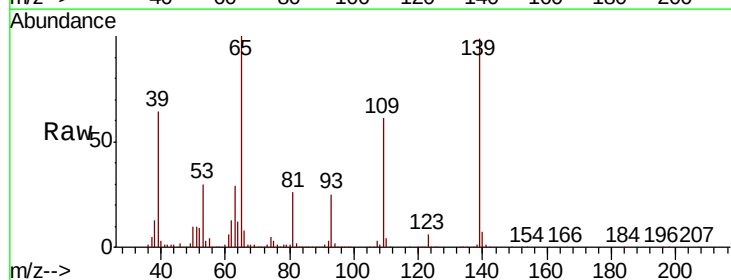
Instrument :
BNA_N
ClientSampleId :

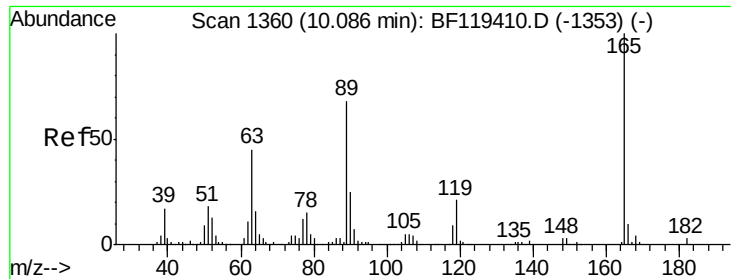
Tot Ion:168 Resp: 2323448
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.4
169 14.0 11.1 16.7



#56
4-Nitrophenol
Concen: 74.933 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion:139 Resp: 783641
Ion Ratio Lower Upper
139 100
109 61.8 39.6 79.6
65 101.3 78.3 118.3

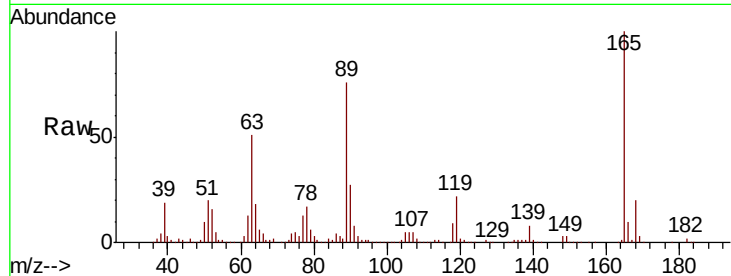




#57
 2,4-Dinitrotoluene
 Concen: 40.166 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_N
 ClientSampled :

Tot	Ion:165	Resp:	531309
Ion	Ratio	Lower	Upper
165	100		
63	50.8	36.2	54.4
89	75.9	54.3	81.5
182	2.4	2.0	3.0

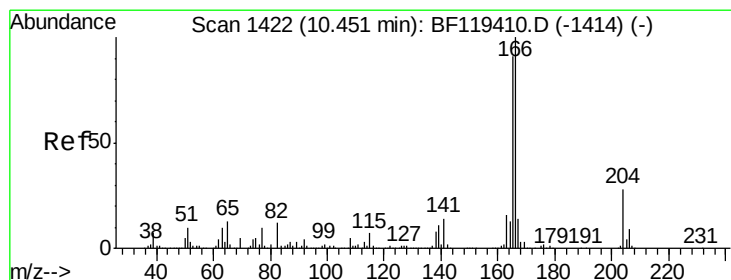
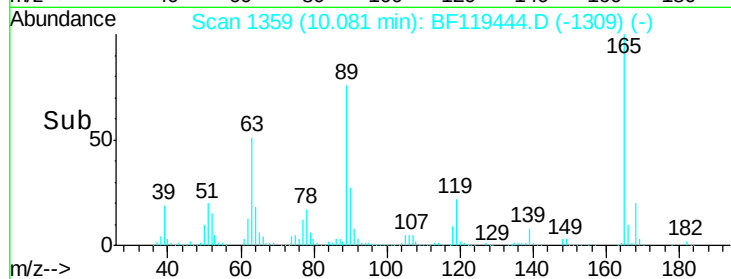
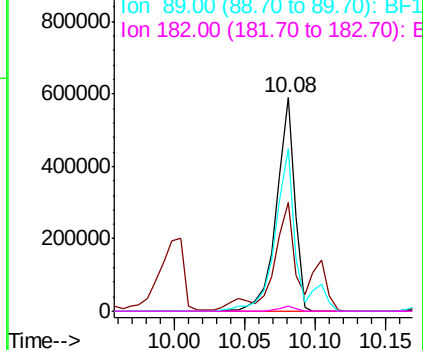


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

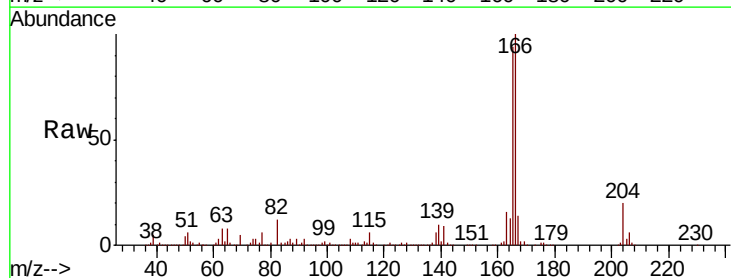
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 37.942 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

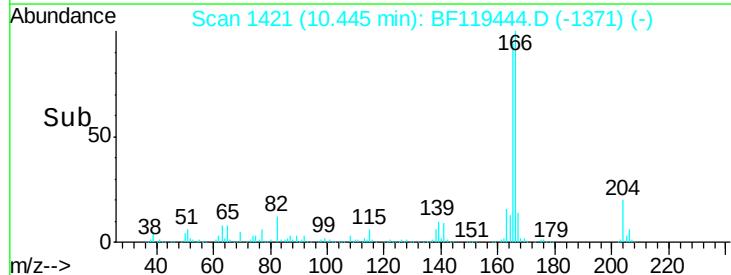
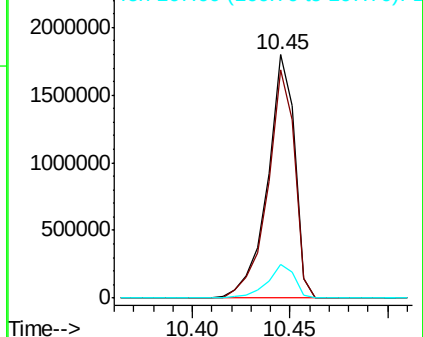
Tgt	Ion:166	Resp:	1732835
Ion	Ratio	Lower	Upper
166	100		
165	93.5	73.1	109.7
167	13.9	11.0	16.6

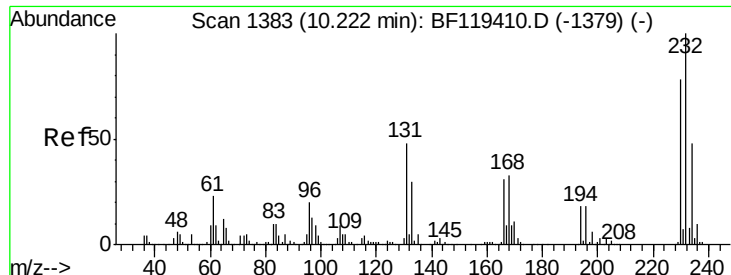


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

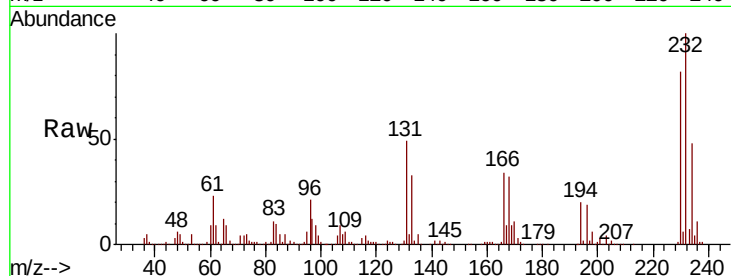




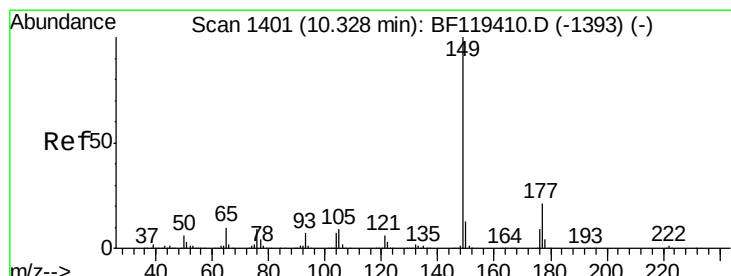
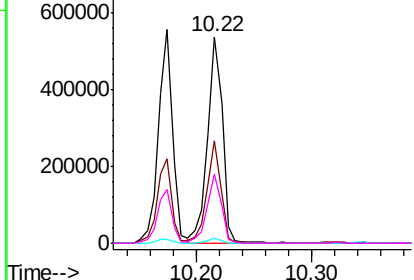
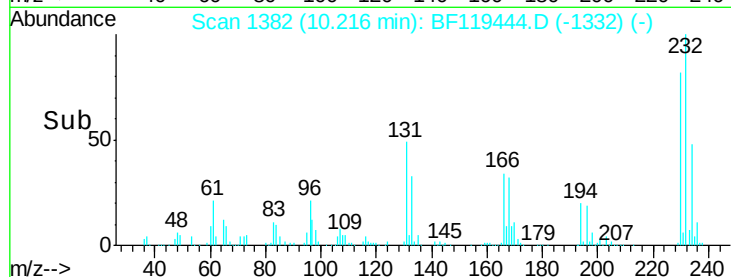
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.002 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	232	Resp:	484578
Ion	Ratio	Lower	Upper
232	100		
131	46.2	36.3	54.5
130	2.2	1.8	2.6
166	31.6	24.9	37.3

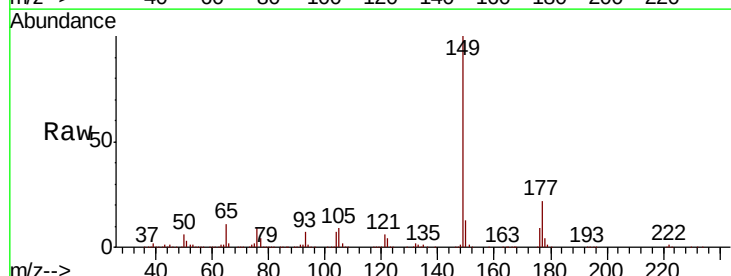


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

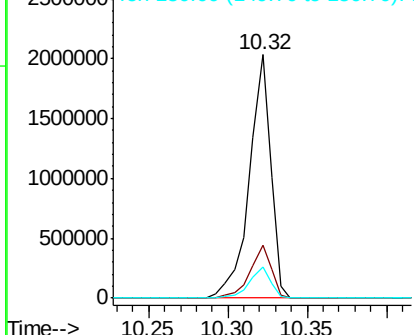
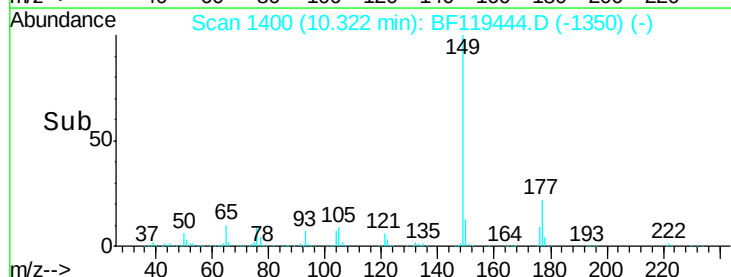


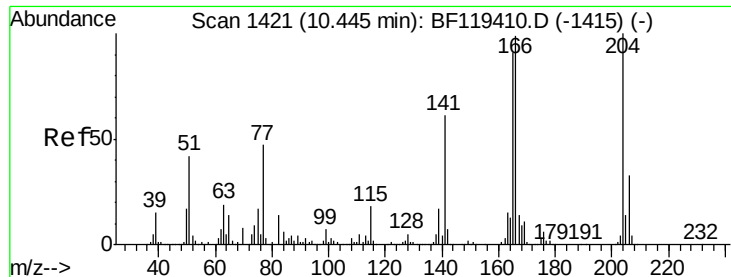
#60
 Diethylphthalate
 Concen: 38.281 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion:	149	Resp:	1903373
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	12.9	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

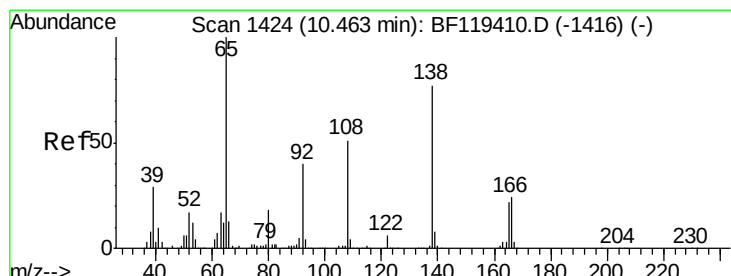
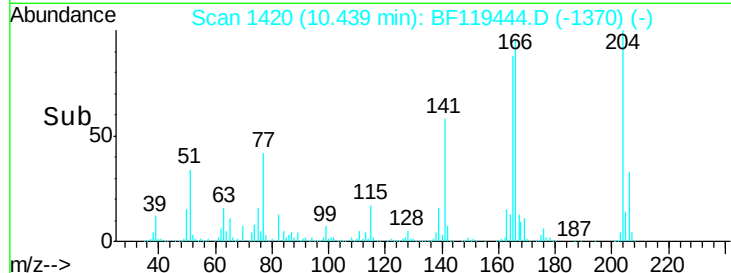
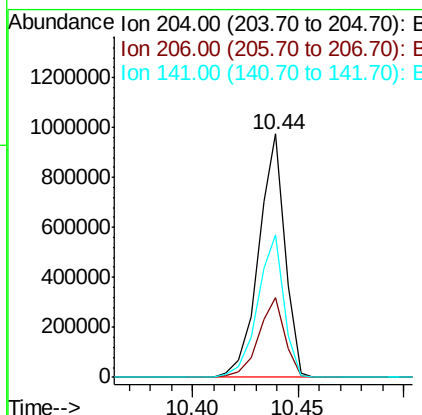
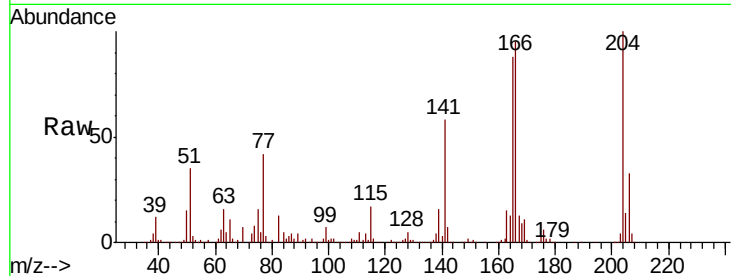




#61
 4-Chlorophenyl-phenylether
 Concen: 37.898 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

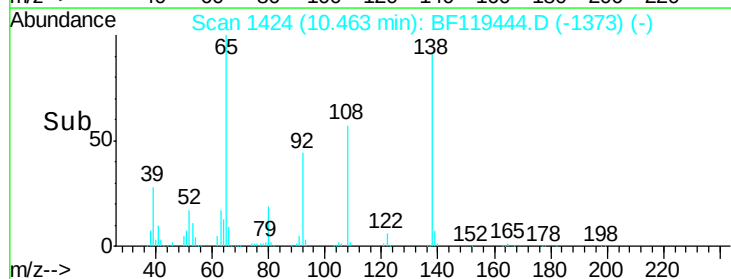
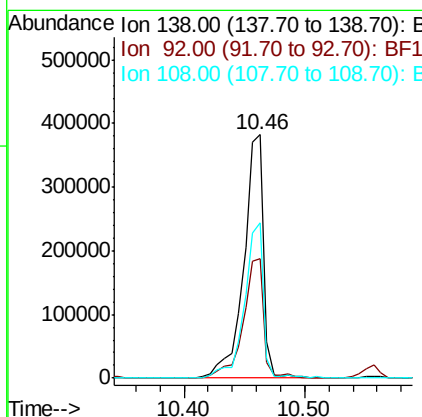
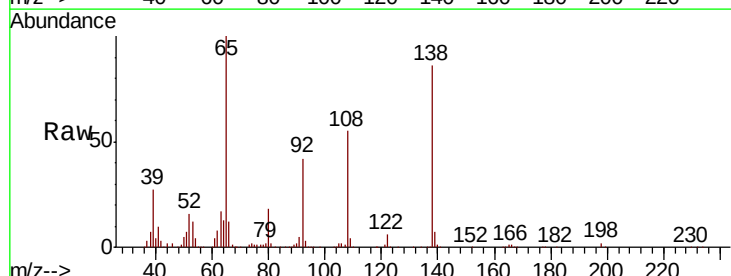
Instrument :
 BNA_N
 ClientSampled :

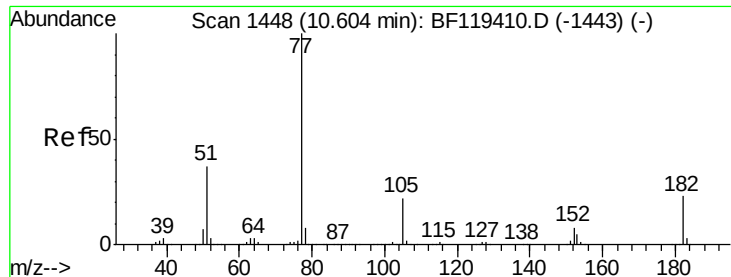
Tot Ion:	204	Resp:	846395
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	58.4	48.8	73.2



#62
 4-Nitroaniline
 Concen: 34.359 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion:	138	Resp:	436793
Ion	Ratio	Lower	Upper
138	100		
92	48.8	32.0	72.0
108	63.6	46.0	86.0





#63

Azobenzene

Concen: 37.387 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

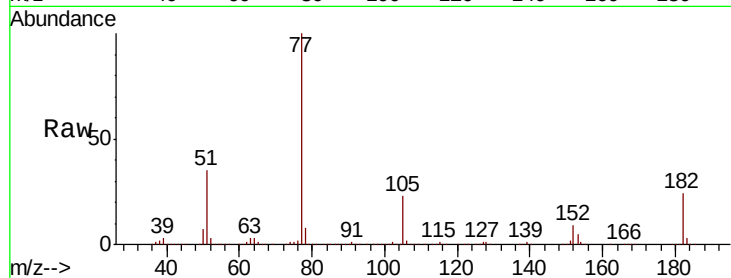
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 1871966

Ion	Ratio	Lower	Upper
77	100		
182	23.9	2.5	42.5
105	22.9	2.5	42.5
51	34.8	17.1	57.1

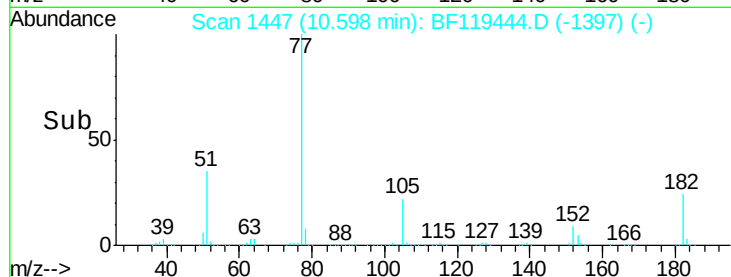


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->

10.60

2000000

1500000

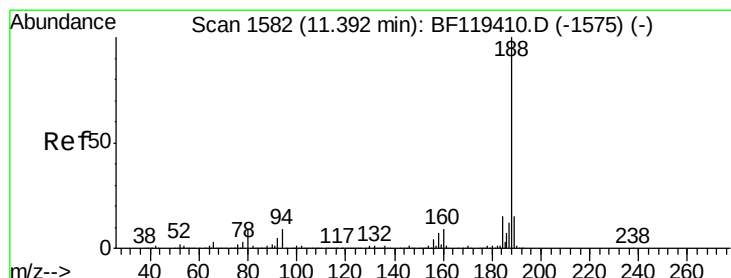
1000000

500000

0

10.55 10.60 10.65

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

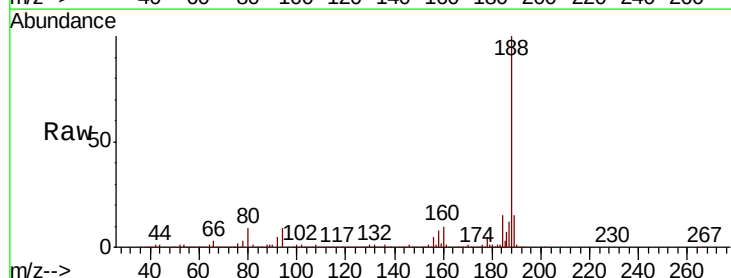
Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion: 188 Resp: 1272913

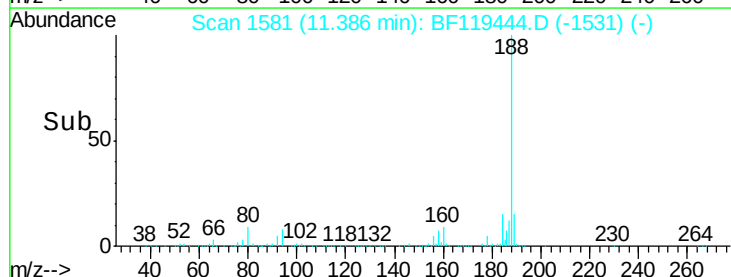
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.2	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

11.39

1500000

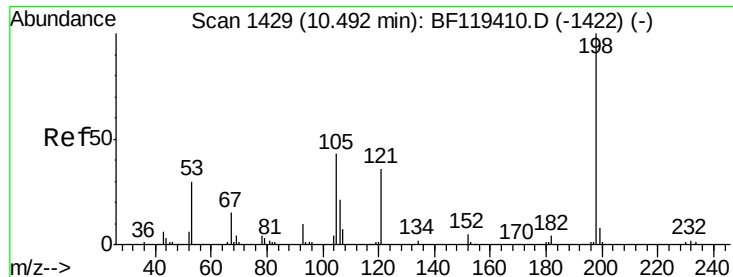
1000000

500000

0

11.30 11.35 11.40

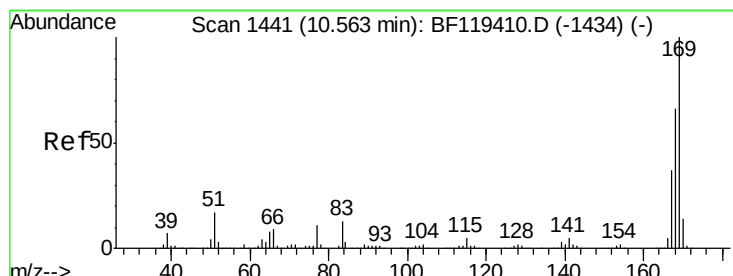
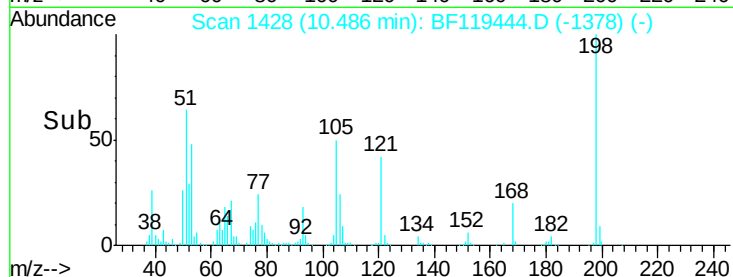
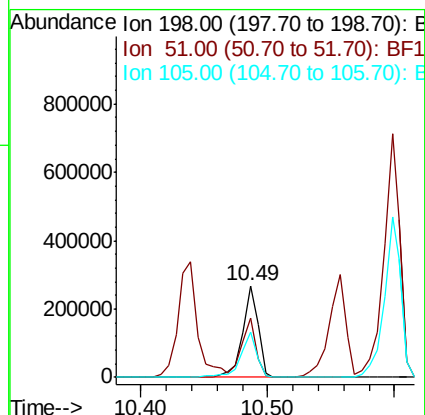
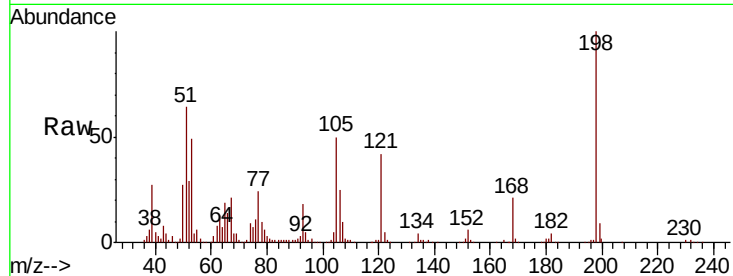
Time-->



#65
4,6-Dinitro-2-methylphenol
Concen: 41.908 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

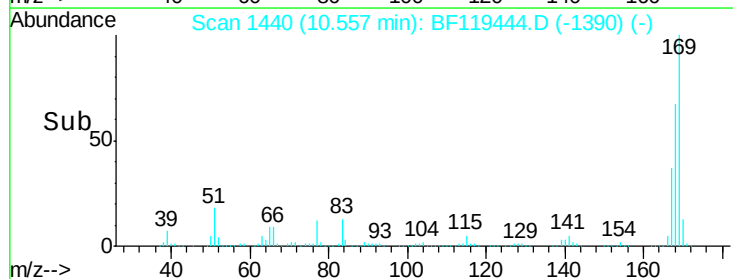
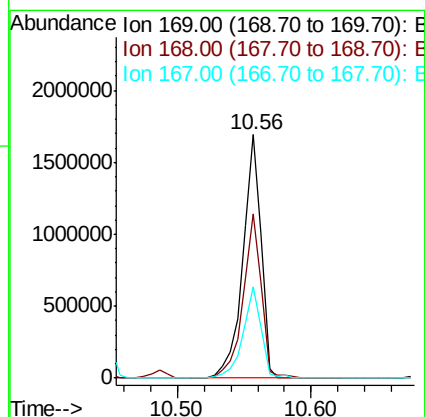
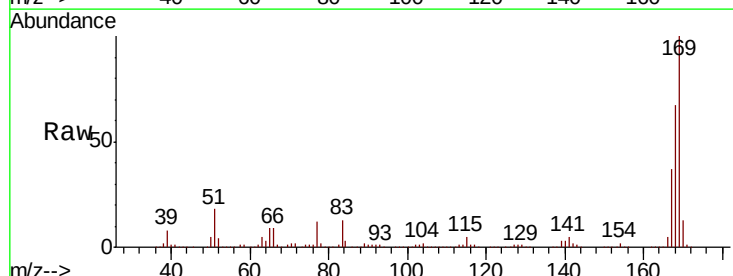
Instrument :
BNA_N
ClientSampleId :

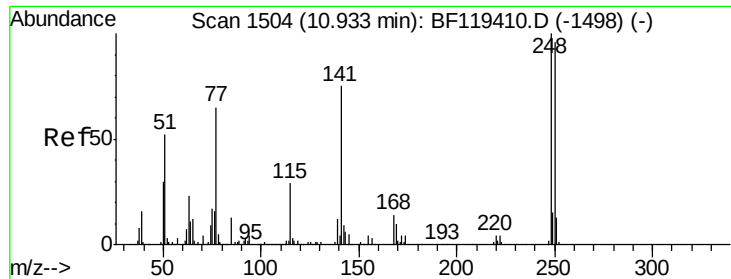
Tot Ion:198 Resp: 223689
Ion Ratio Lower Upper
198 100
51 63.9 33.1 73.1
105 49.8 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 38.326 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion:169 Resp: 1601543
Ion Ratio Lower Upper
169 100
168 67.4 52.7 79.1
167 37.3 29.3 43.9

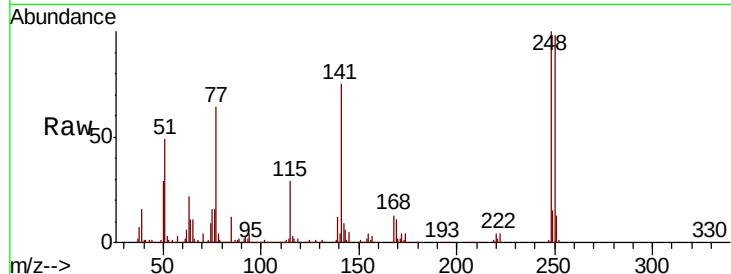




#67
4-Bromophenyl-phenylether
Concen: 37.774 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.0	115.6
141	75.1	59.7	89.5

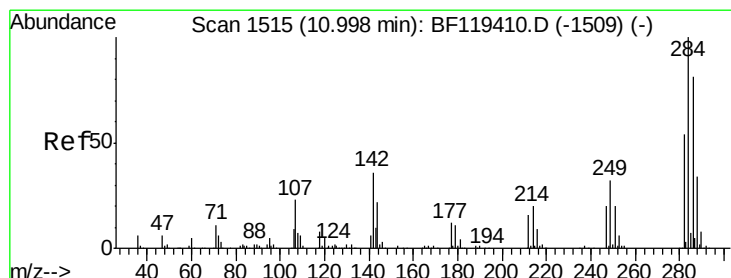
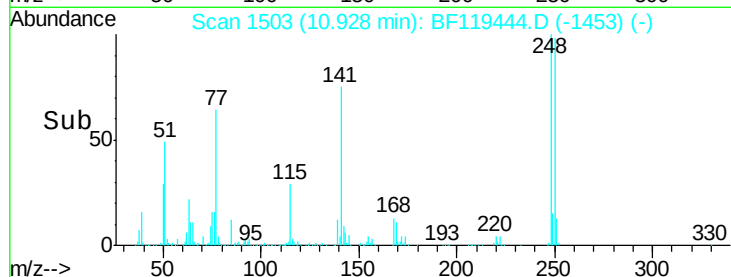
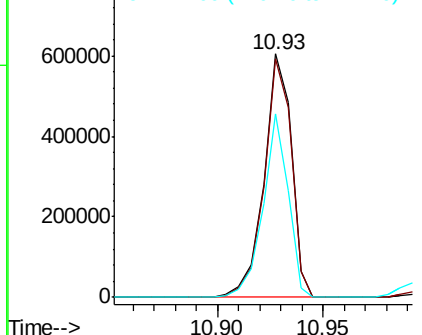


Abundance

Ion 248.00 (247.70 to 248.70): E

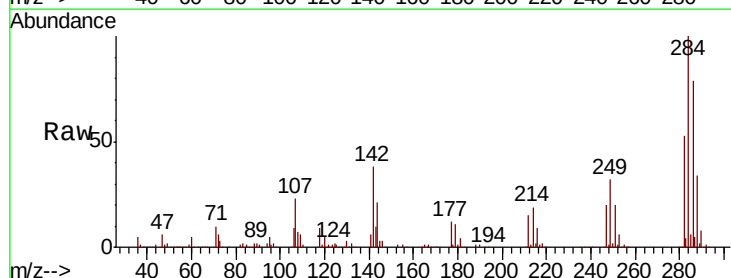
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.420 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	28.7	43.1
249	31.7	25.4	38.0

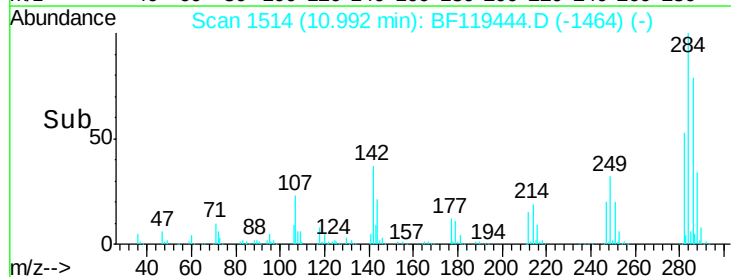
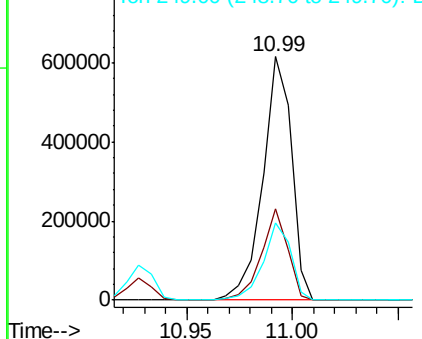


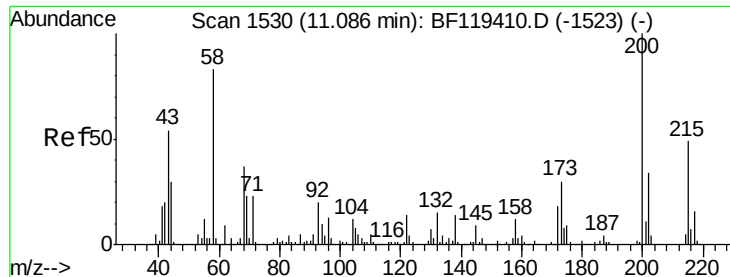
Abundance

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: 43.329 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

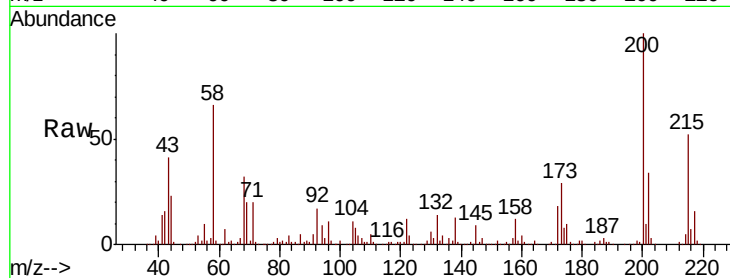
Tot Ion:200 Resp: 496385

Ion Ratio Lower Upper

200 100

173 28.8 9.9 49.9

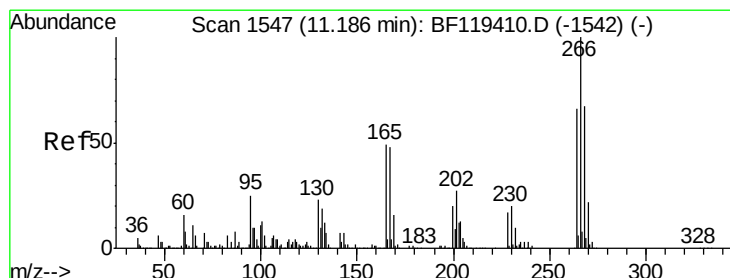
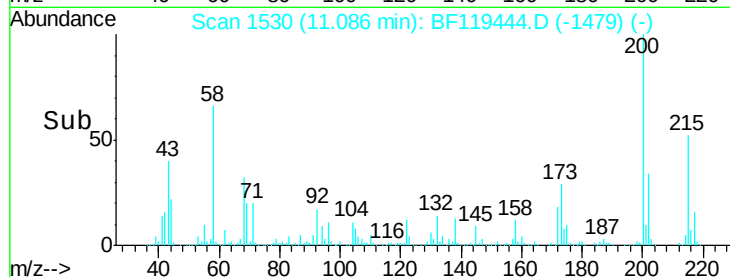
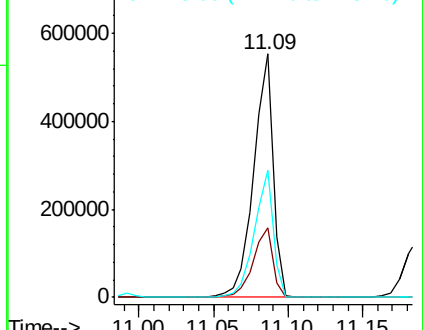
215 52.1 29.4 69.4



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: 73.882 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

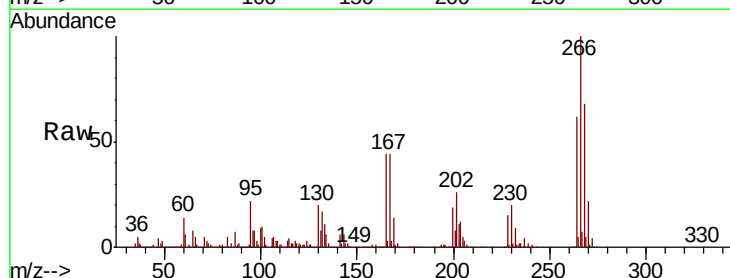
Tgt Ion:266 Resp: 642761

Ion Ratio Lower Upper

266 100

268 68.2 53.7 80.5

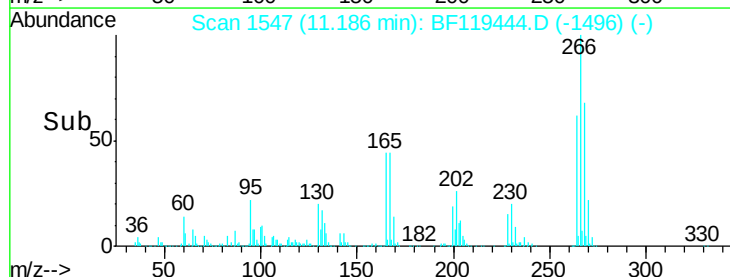
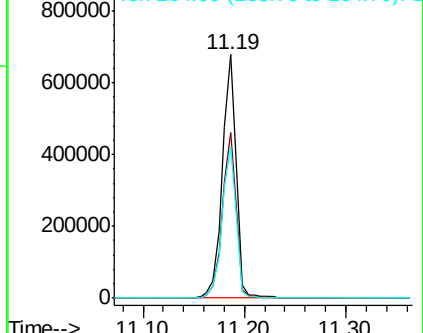
264 62.0 52.5 78.7

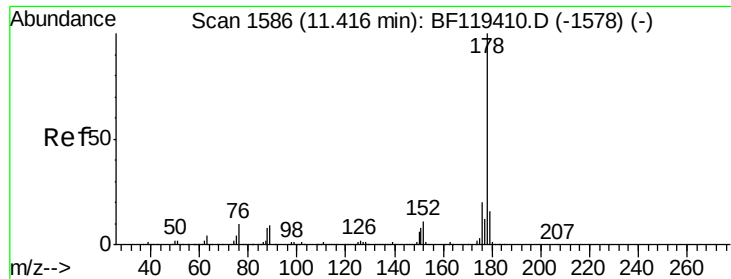


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.026 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

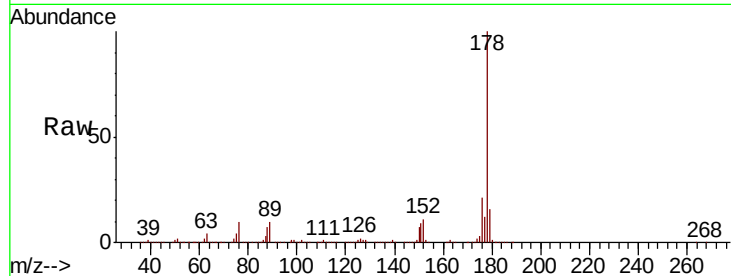
Tot Ion:178 Resp: 2509861

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

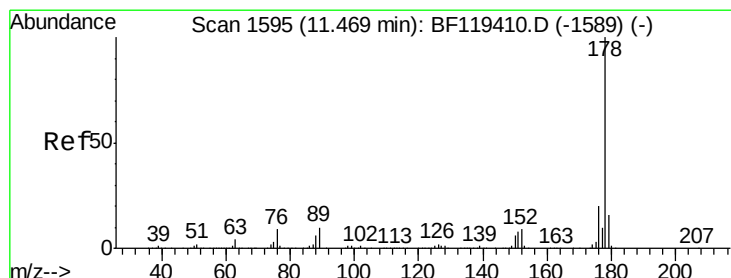
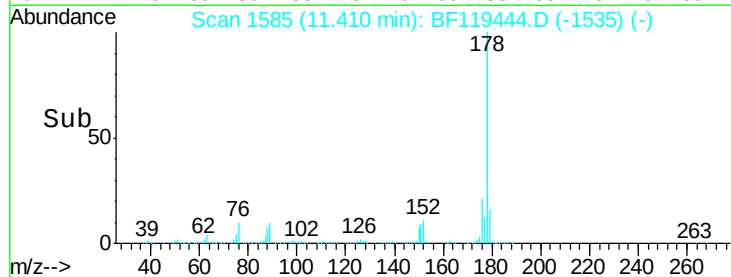
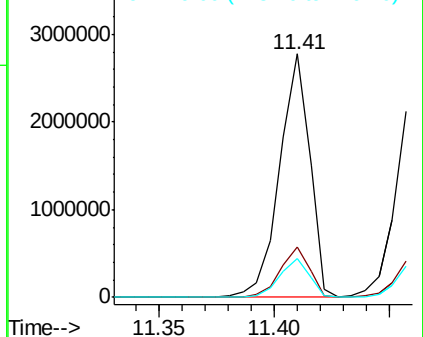
179 16.1 12.9 19.3



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: 38.354 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

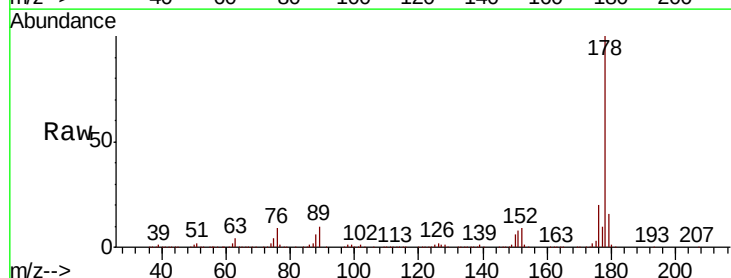
Tgt Ion:178 Resp: 2572861

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

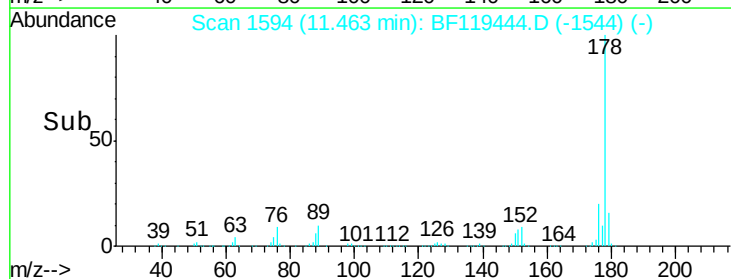
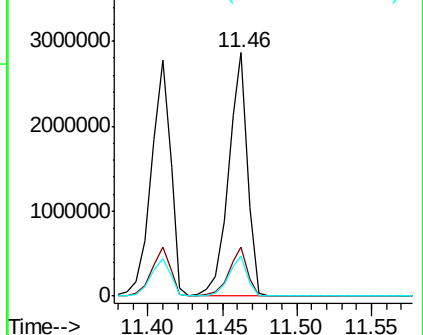
179 16.3 13.1 19.7

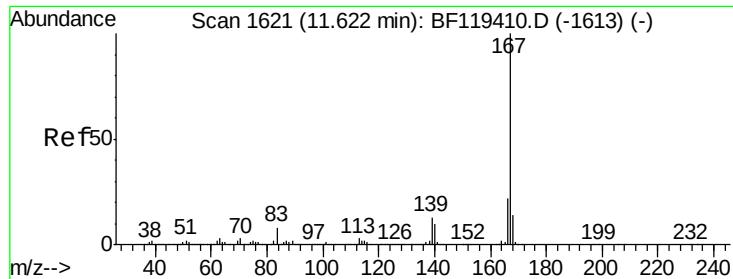


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

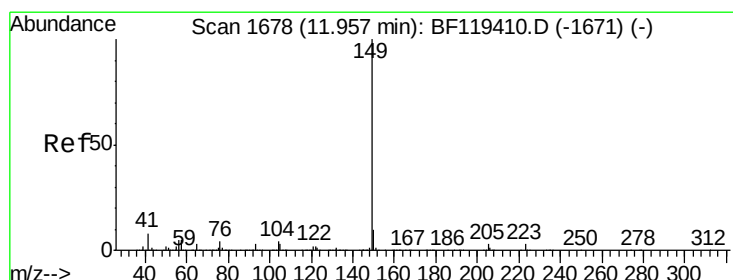
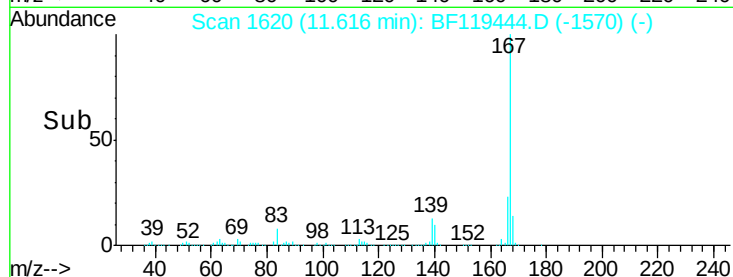
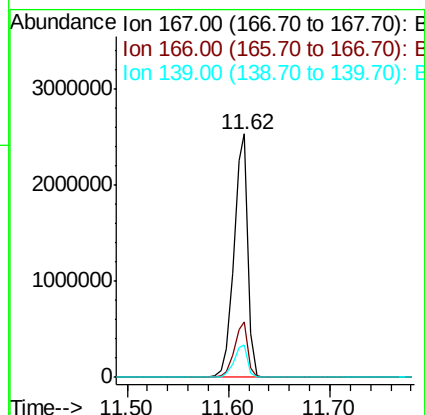
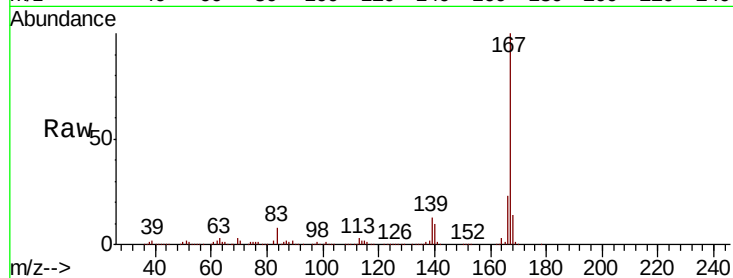




#73
 Carbazole
 Concen: 36.118 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

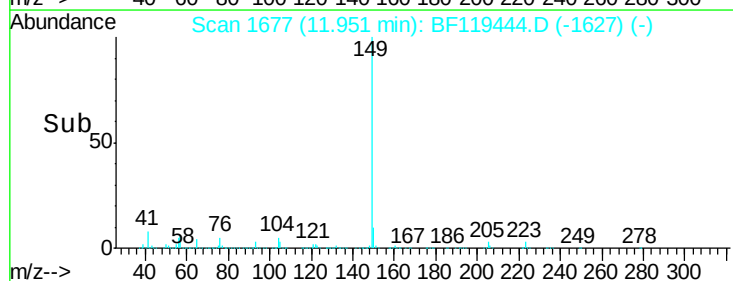
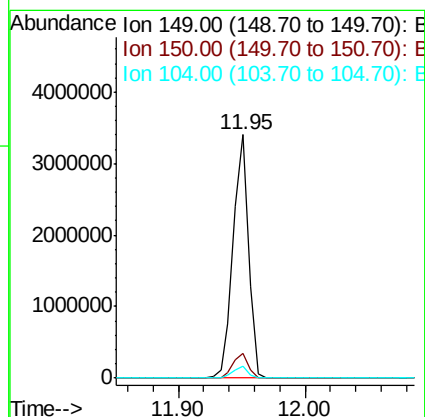
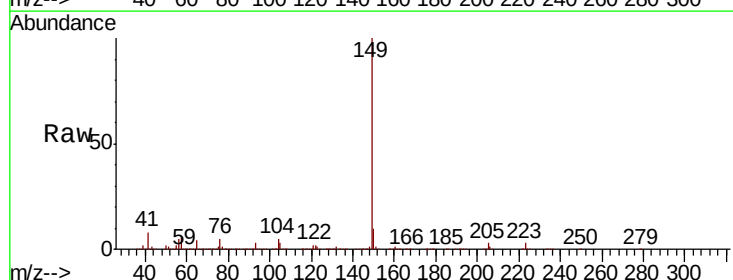
Instrument :
 BNA_N
 ClientSampleId :

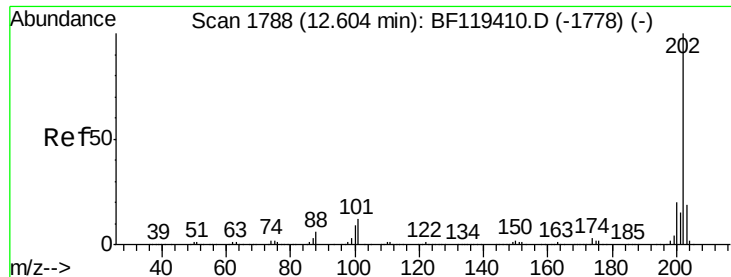
Tot Ion:167 Resp: 2398178
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 13.1 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.132 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion:149 Resp: 2850501
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.6 11.4
 104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 37.417 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

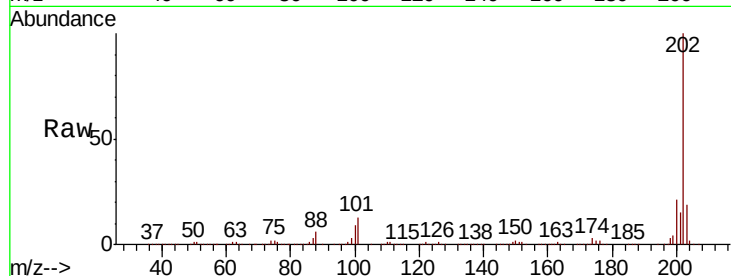
Tot Ion:202 Resp: 2672746

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.4

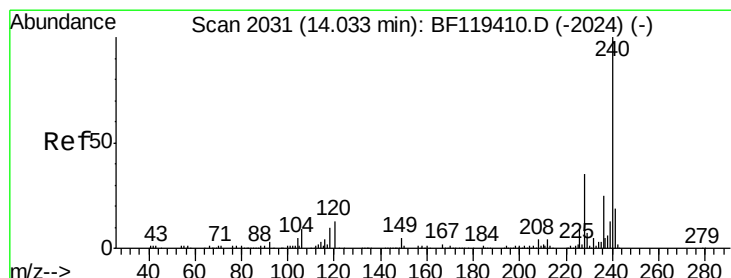
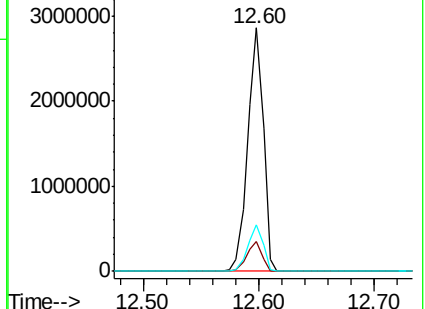
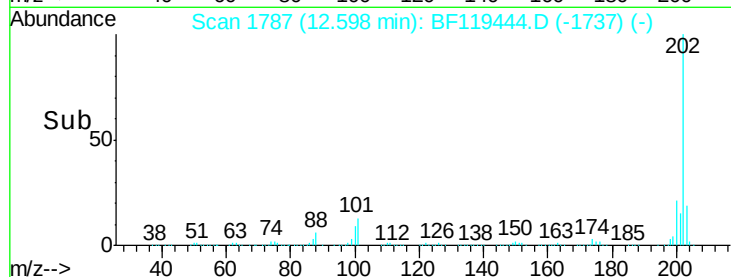
203 19.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

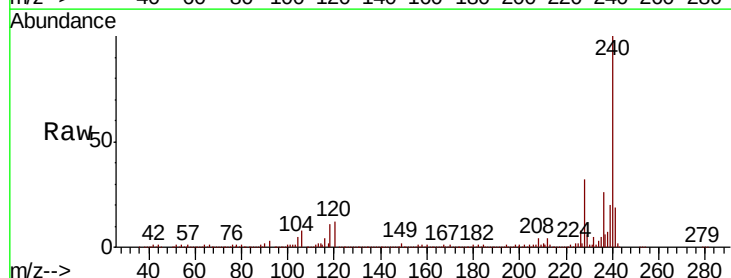
Tgt Ion:240 Resp: 792412

Ion Ratio Lower Upper

240 100

120 11.7 10.2 15.4

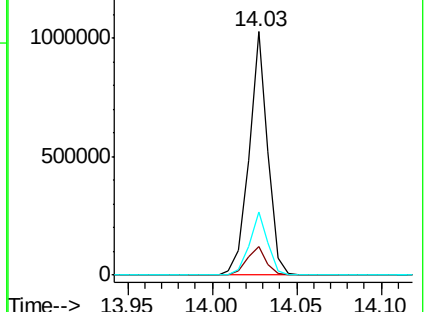
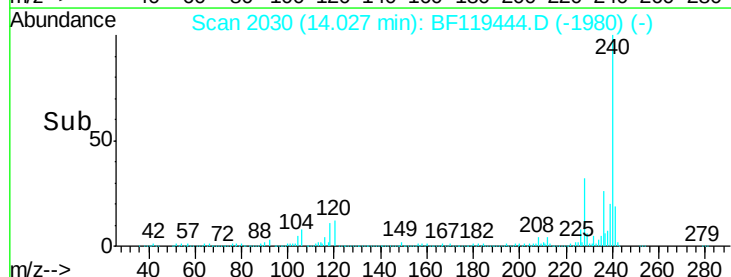
236 25.7 20.4 30.6

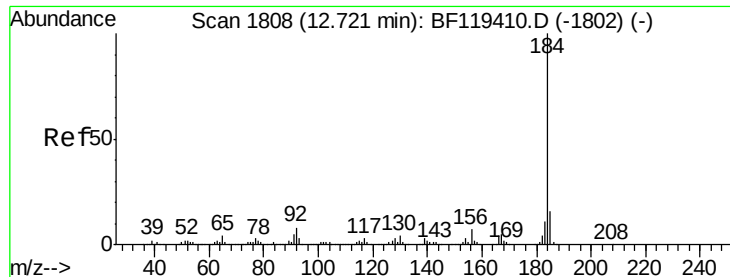


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.928 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

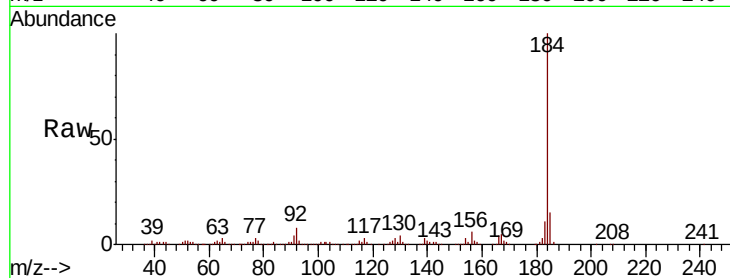
Tot Ion:184 Resp: 634737

Ion Ratio Lower Upper

184 100

185 15.0 12.9 19.3

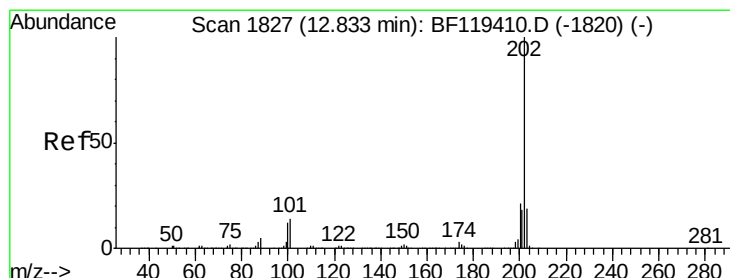
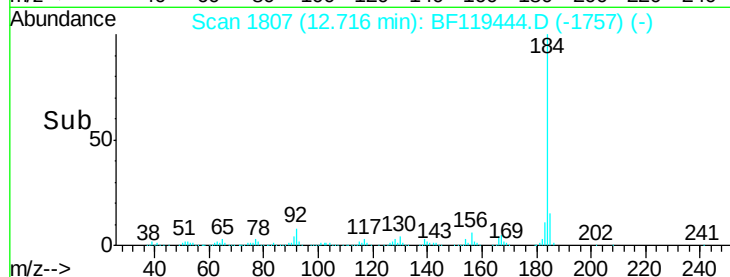
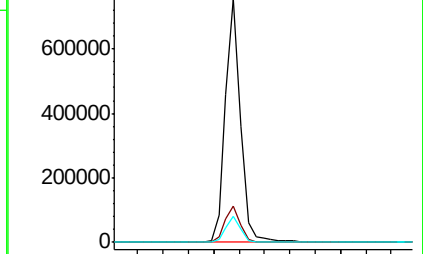
183 10.7 9.0 13.4



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: 41.874 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

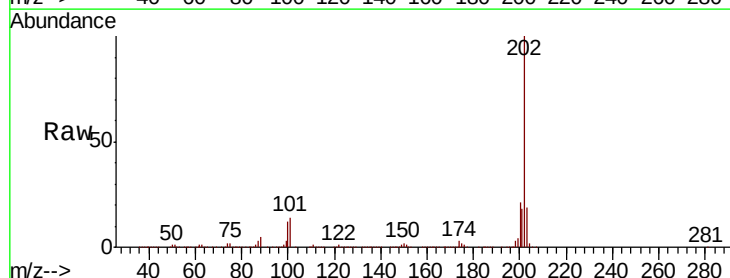
Tgt Ion:202 Resp: 2723147

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

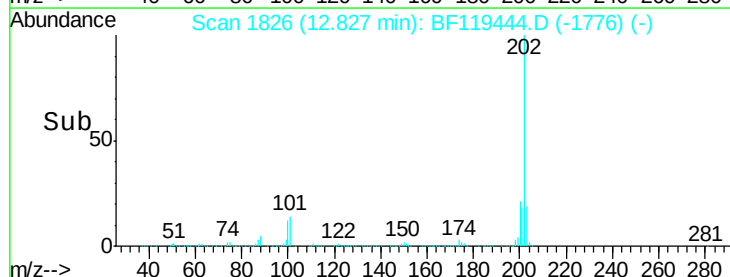
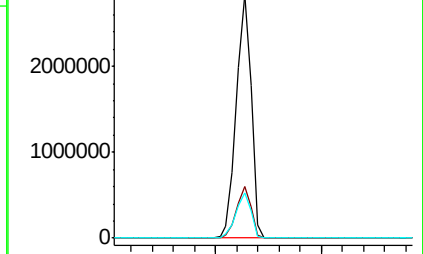
203 18.8 14.8 22.2

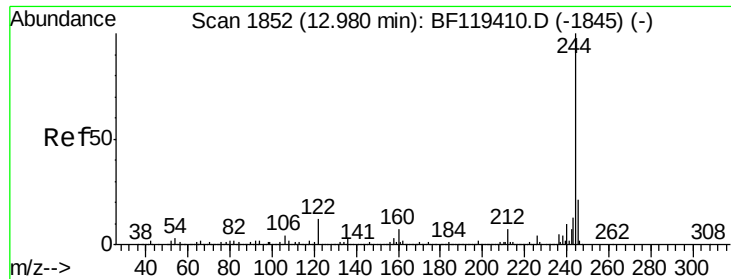


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.171 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampleId :

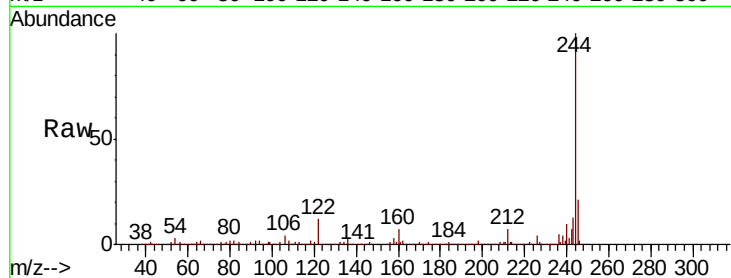
Tot Ion:244 Resp: 3080762

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

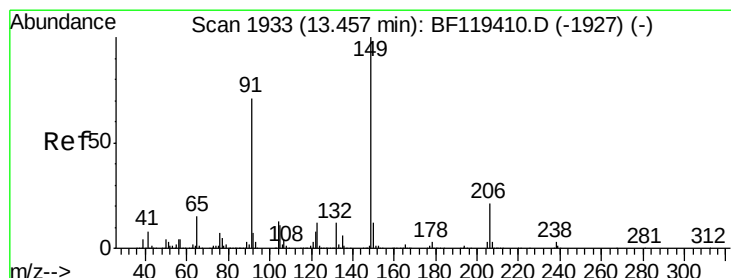
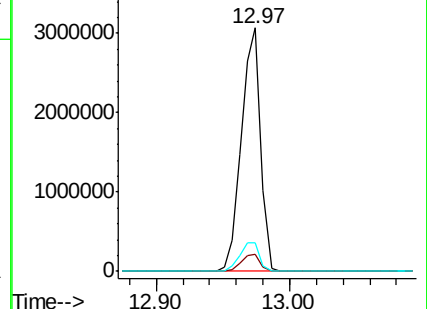
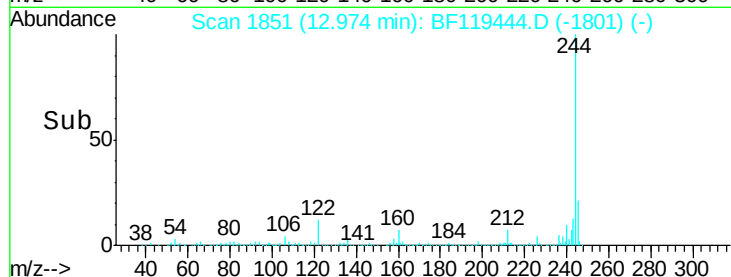
122 11.7 9.8 14.8



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: 45.258 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

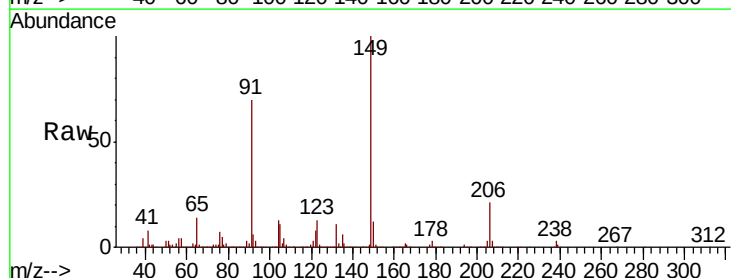
Tgt Ion:149 Resp: 1190408

Ion Ratio Lower Upper

149 100

91 69.7 57.0 85.6

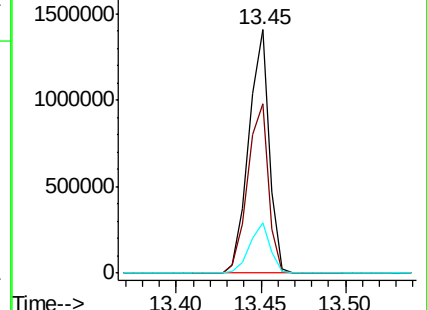
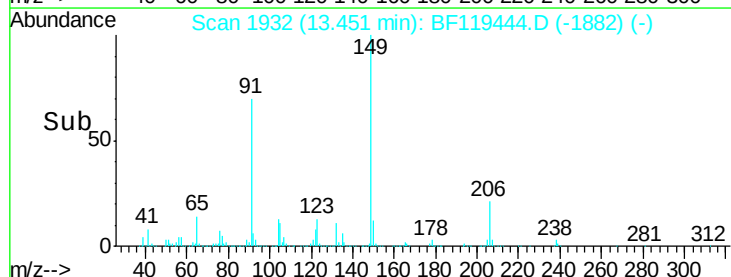
206 20.7 16.4 24.6

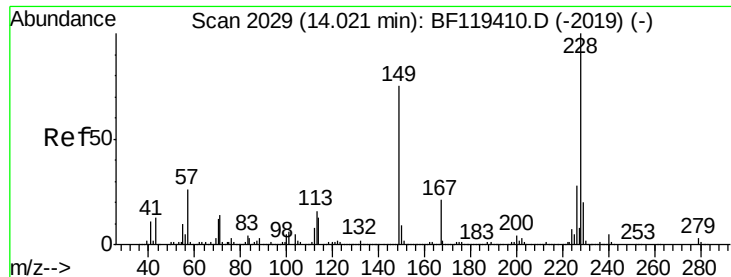


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.307 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

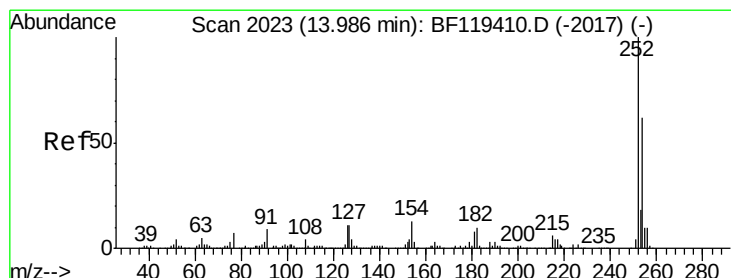
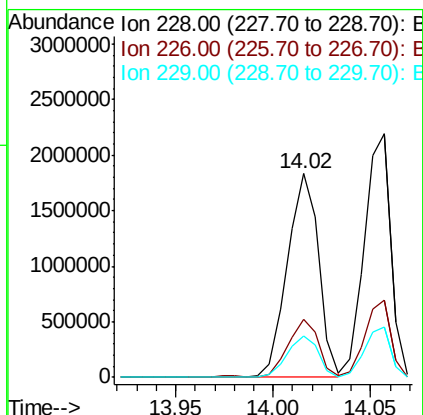
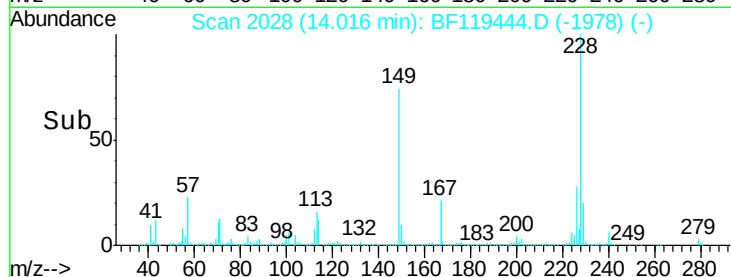
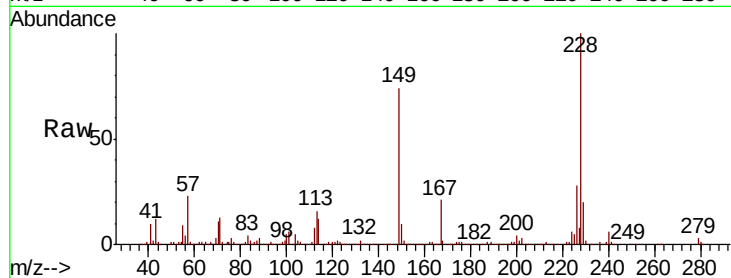
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 2025458

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	20.1	16.3	24.5



#82

3,3'-Dichlorobenzidine

Concen: 32.493 ng

RT: 13.98 min Scan# 2022

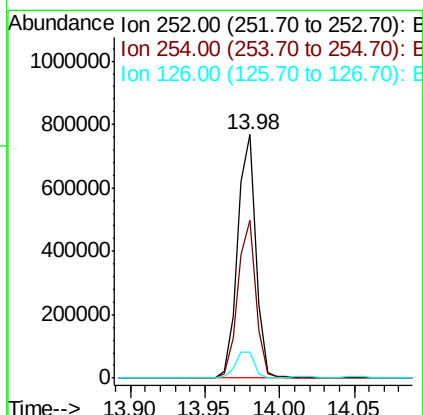
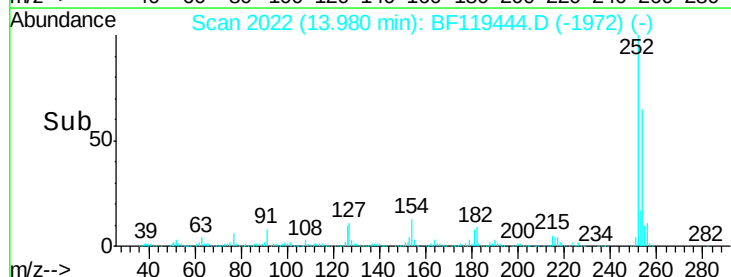
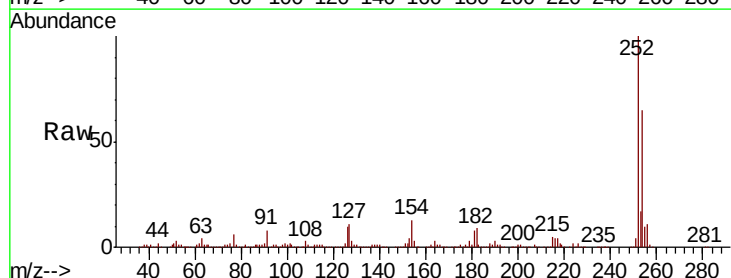
Delta R.T. -0.01 min

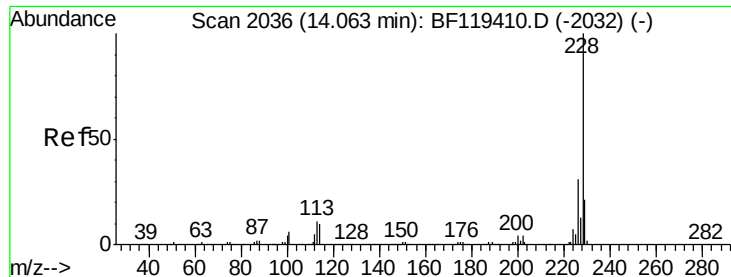
Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion:252 Resp: 660182

Ion	Ratio	Lower	Upper
252	100		
254	64.8	49.8	74.8
126	10.5	8.9	13.3





#83

Chrysene

Concen: 38.780 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_N

ClientSampled :

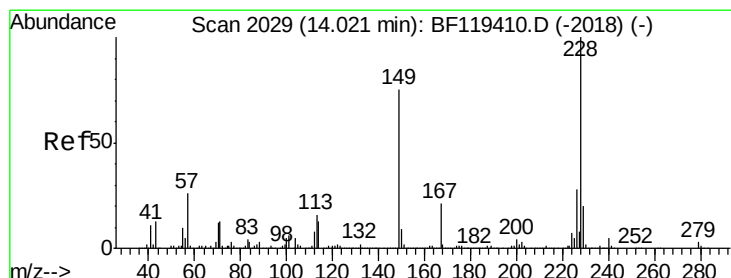
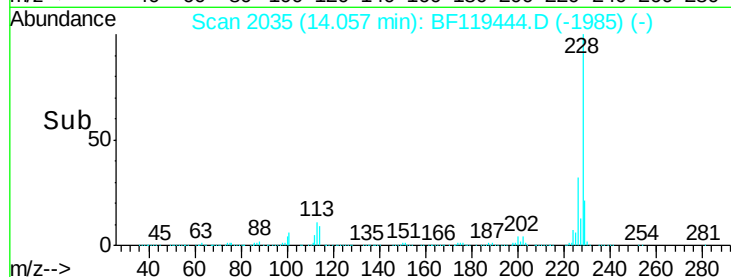
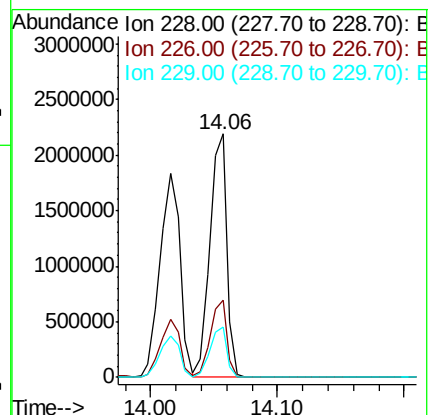
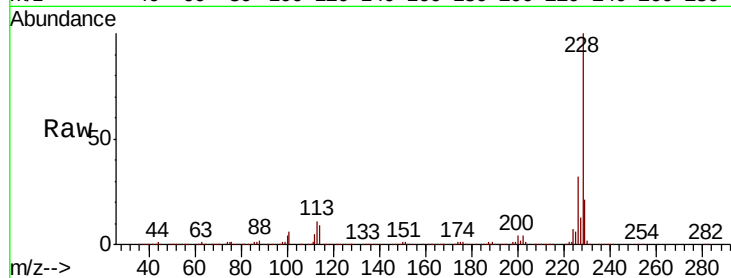
Tot Ion:228 Resp: 2062355

Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

229 20.6 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.517 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

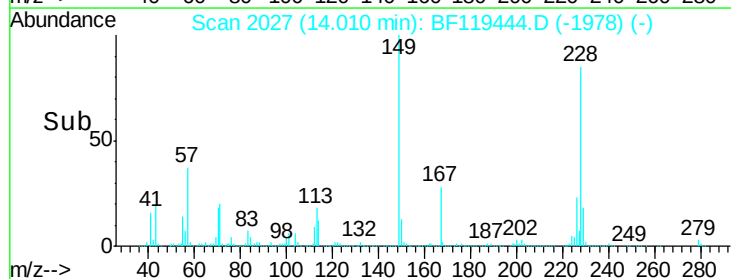
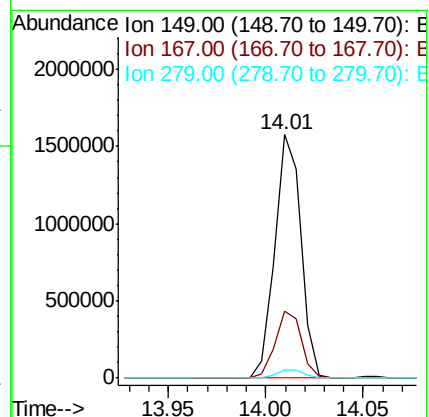
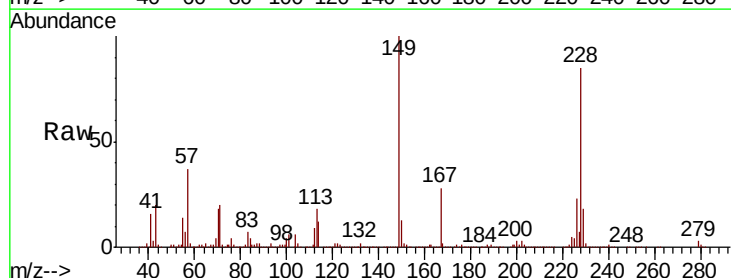
Tgt Ion:149 Resp: 1458528

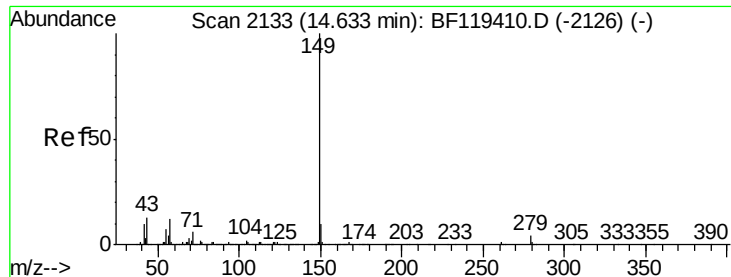
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 3.4 3.2 4.8

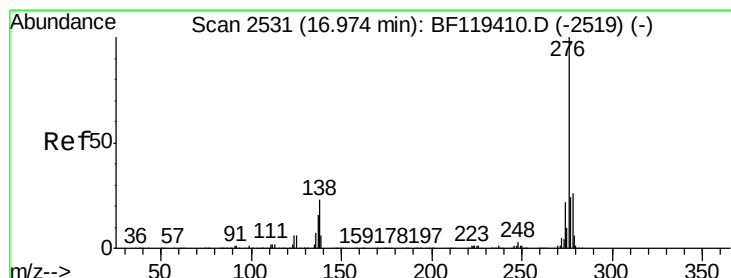
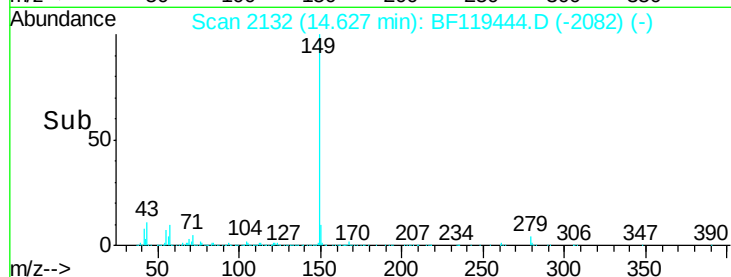
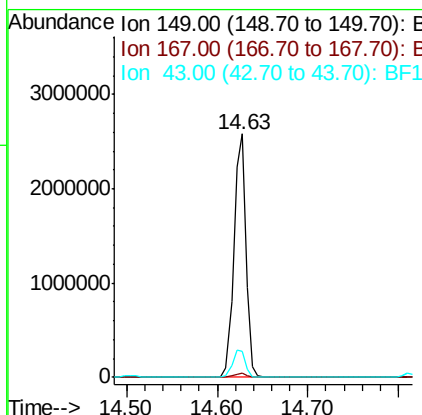
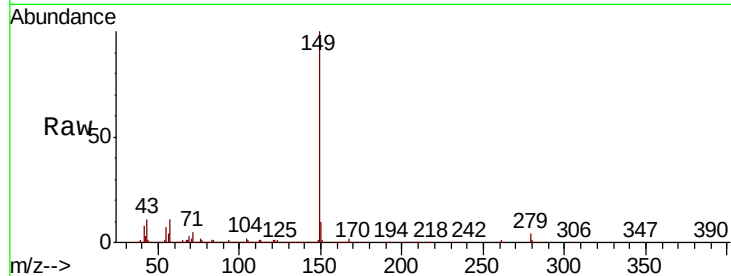




#85
Di-n-octyl phthalate
Concen: 43.972 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

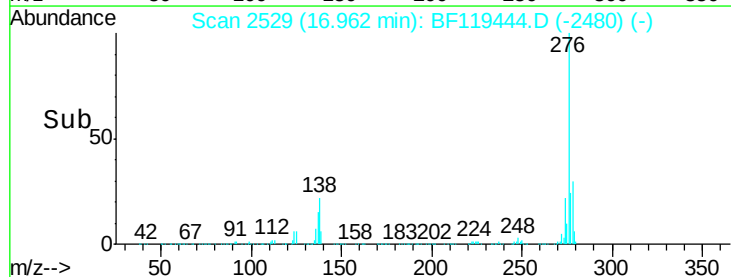
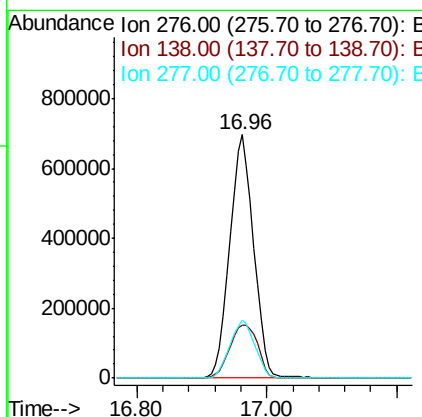
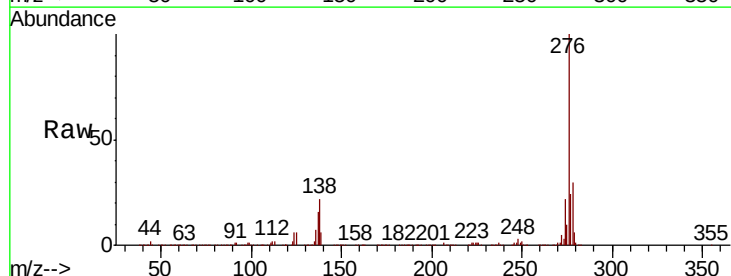
Instrument :
BNA_N
ClientSampleId :

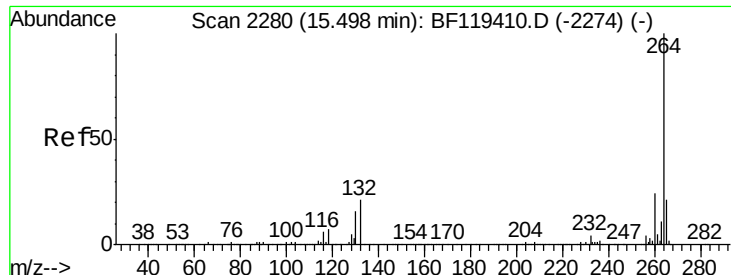
Tot Ion:149 Resp: 2424800
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.6 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.370 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion:276 Resp: 1771508
Ion Ratio Lower Upper
276 100
138 25.5 21.3 31.9
277 24.8 20.2 30.2

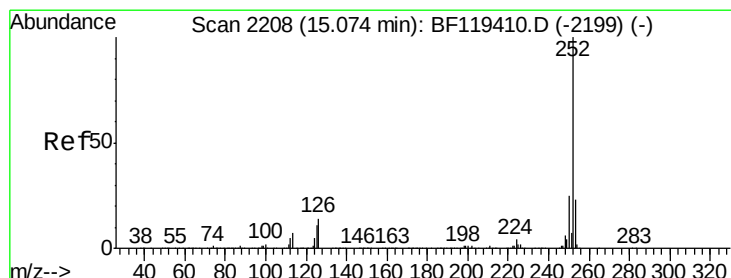
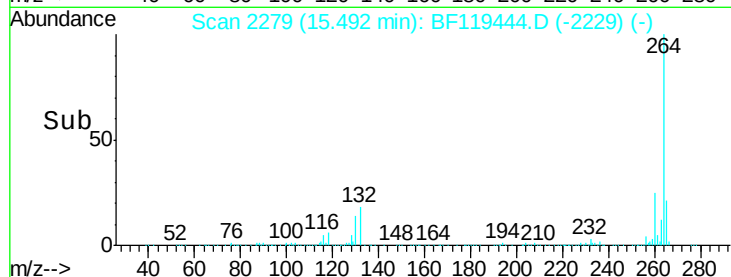
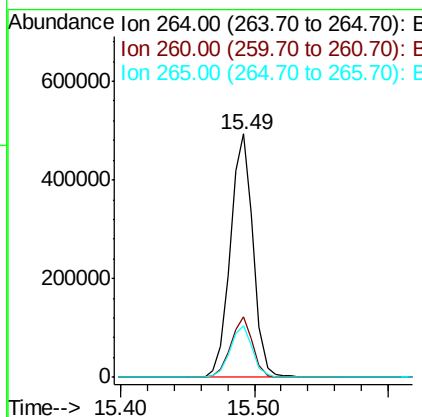
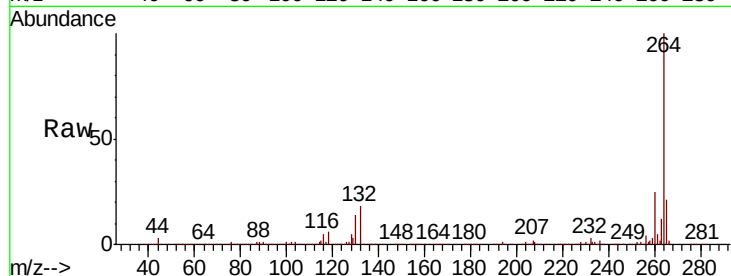




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

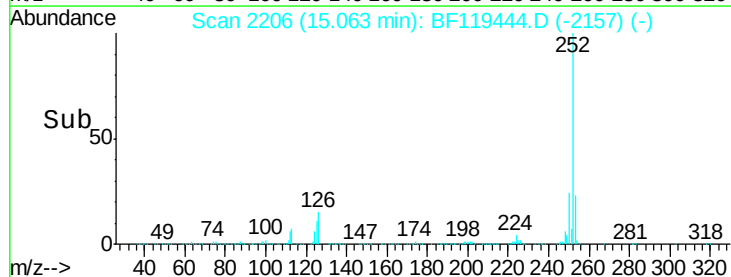
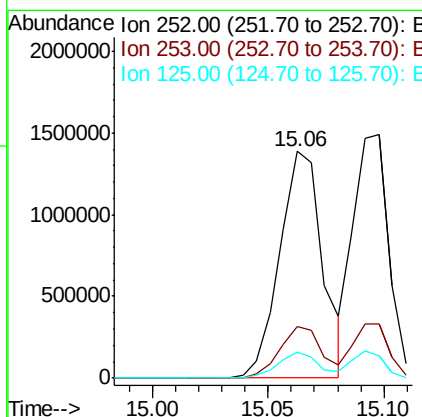
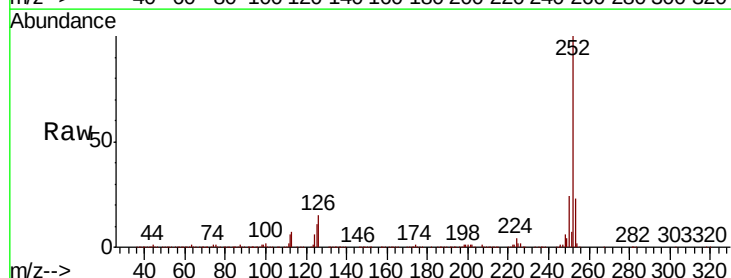
Instrument :
BNA_N
ClientSampleId :

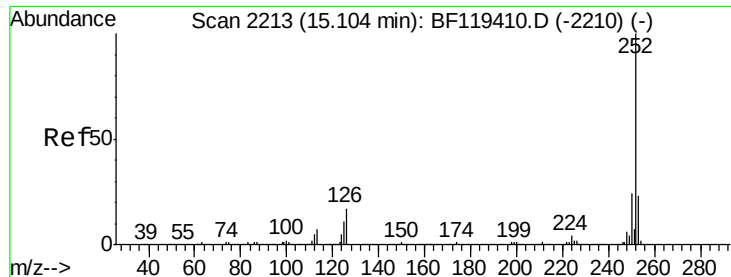
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.2	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 45.538 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.4	8.8	13.2

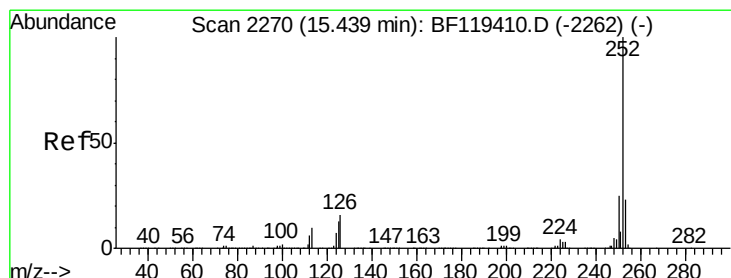
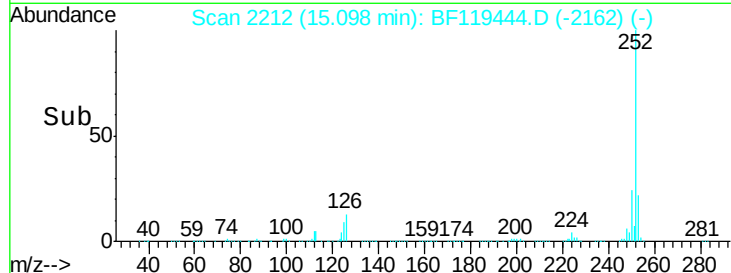
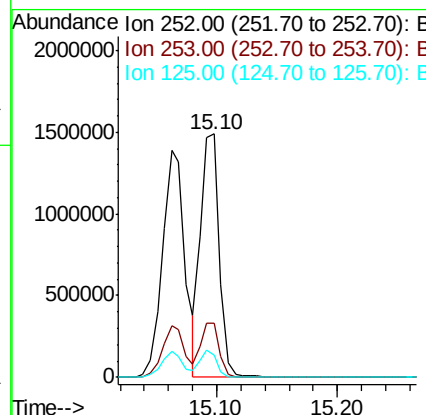
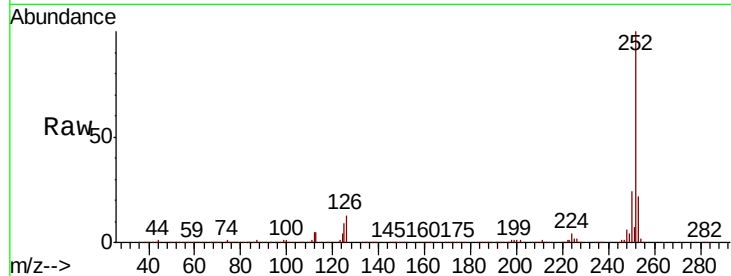




#89
Benzo(k)fluoranthene
Concen: 42.738 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

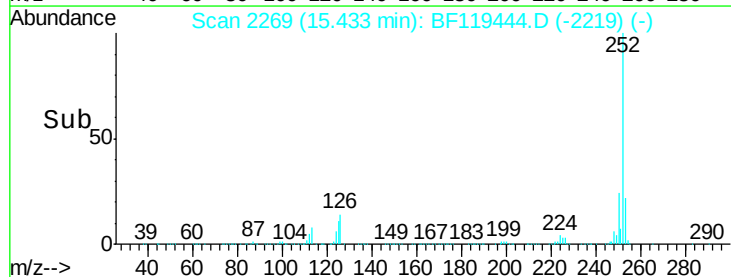
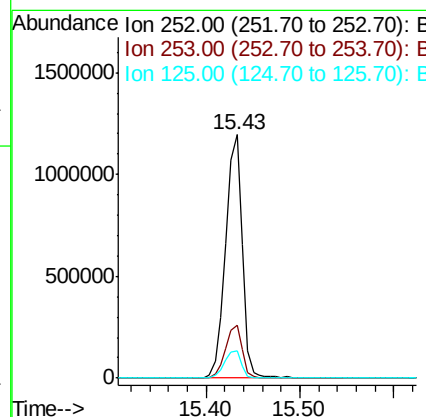
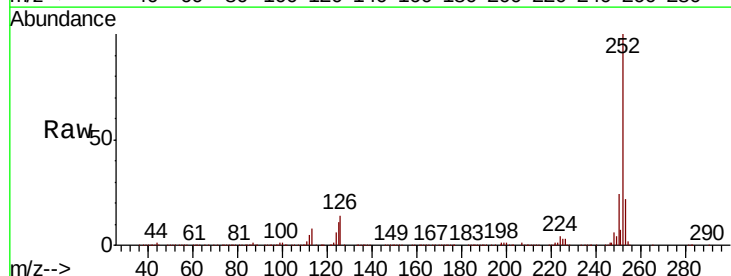
Instrument :
BNA_N
ClientSampleId :

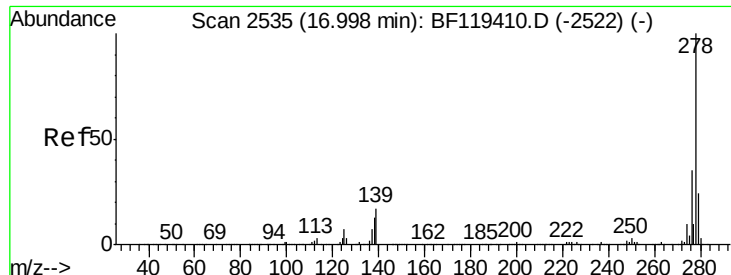
Tot Ion:252 Resp: 1602608
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 9.4 9.0 13.4



#90
Benzo(a)pyrene
Concen: 41.383 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion:252 Resp: 1481031
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 11.2 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 46.256 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

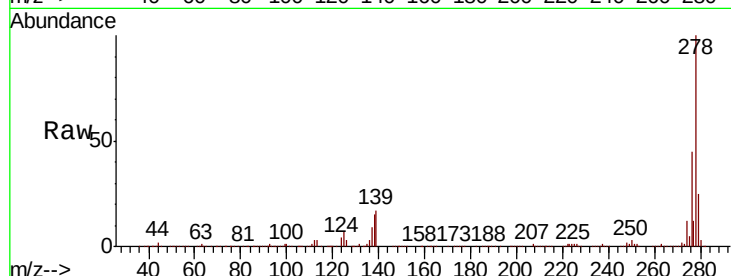
Instrument :

BNA_N

ClientSampled :

Tot Ion:278 Resp: 1447949

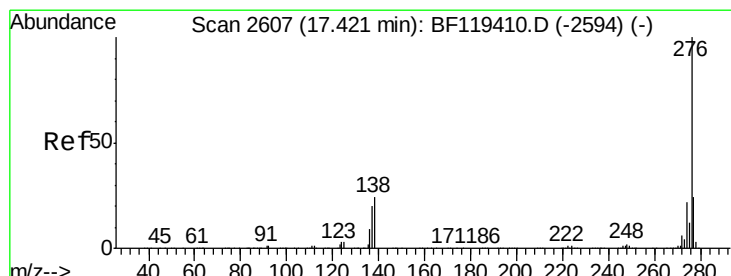
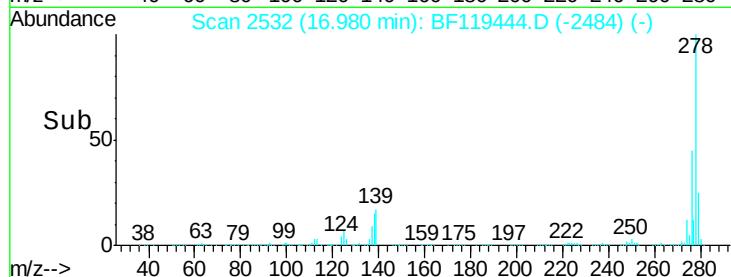
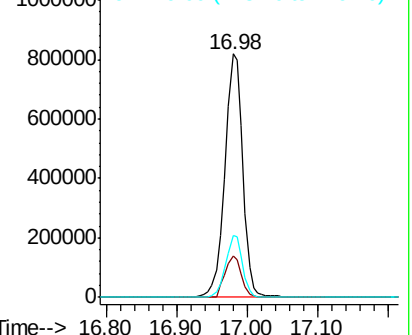
Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.7	20.5
279	25.4	19.2	28.8



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: 49.767 ng

RT: 17.41 min Scan# 2605

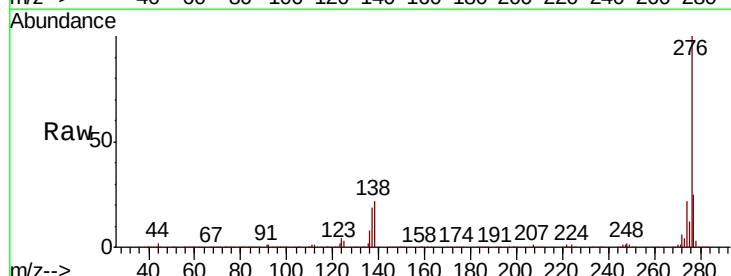
Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion:276 Resp: 1565053

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	22.4	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

