

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118556.D
 Acq On : 17 Jan 2020 12:30
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 13:31:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 12:09:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	528977	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1887637	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	1039528	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	1791744	20.00	ng	0.00
76) Chrysene-d12	14.06	240	1212252	20.00	ng	0.00
87) Perylene-d12	15.52	264	1085500	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	3081575	99.72	ng	0.00
7) Phenol-d6	6.53	99	4086614	109.92	ng	0.01
23) Nitrobenzene-d5	7.46	82	3786101	122.83	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1318522	104.57	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	5867264	91.04	ng	0.00
79) Terphenyl-d14	13.00	244	6355656	86.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	759266	60.404	ng	99
3) Pyridine	3.45	79	2125455	64.072	ng	98
4) n-Nitrosodimethylamine	3.41	42	984452	85.520	ng	98
6) Aniline	6.56	93	2816027	60.034	ng	100
8) 2-Chlorophenol	6.68	128	1814439	52.383	ng	100
9) Benzaldehyde	6.44	77	933578	53.920	ng	98
10) Phenol	6.54	94	2335954	55.881	ng	91
11) bis(2-Chloroethyl)ether	6.63	93	1820329	57.920	ng	98
12) 1,3-Dichlorobenzene	6.84	146	2121767	52.852	ng	98
13) 1,4-Dichlorobenzene	6.91	146	2126385	52.860	ng	99
14) 1,2-Dichlorobenzene	7.07	146	1966946	52.778	ng	98
15) Benzyl Alcohol	7.03	79	1700205	64.164	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	2676968	82.258	ng	98
17) 2-Methylphenol	7.14	107	1550444	57.365	ng	99
18) Hexachloroethane	7.41	117	808429	56.636	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	1481613	68.892	ng	98
20) 3+4-Methylphenols	7.30	107	1741858	49.504	ng	# 87
22) Acetophenone	7.31	105	2453762	56.033	ng	96
24) Nitrobenzene	7.48	77	1974029	64.428	ng	99
25) Isophorone	7.72	82	3732728	67.200	ng	99
26) 2-Nitrophenol	7.79	139	865569	48.147	ng	98
27) 2,4-Dimethylphenol	7.83	122	1513722	63.078	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	2367112	61.818	ng	98
29) 2,4-Dichlorophenol	8.03	162	1679008	60.146	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	1885200	59.331	ng	100
31) Naphthalene	8.20	128	4640617	49.005	ng	96
32) Benzoic acid	7.97	122	1102289	63.613	ng	98
33) 4-Chloroaniline	8.25	127	2199715	54.591	ng	99
34) Hexachlorobutadiene	8.32	225	1190683	63.785	ng	98
35) Caprolactam	8.64	113	422547	49.117	ng	100
36) 4-Chloro-3-methylphenol	8.73	107	1606064	55.744	ng	97
37) 2-Methylnaphthalene	8.89	142	3335039	52.683	ng	98
38) 1-Methylnaphthalene	8.99	142	3168366	52.783	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1853436	58.144	ng	99

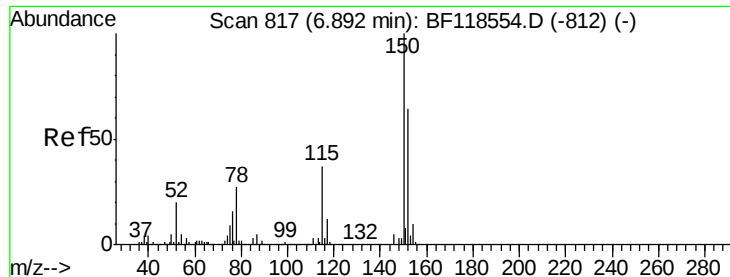
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
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 QLast Update : Fri Jan 17 12:09:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1043449	216.591	nq	98
43) 2,4,6-Trichlorophenol	9.17	196	1256646	60.877	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	1280170	62.100	nq	99
46) 1,1'-Biphenyl	9.36	154	3922353	47.620	nq	96
47) 2-Chloronaphthalene	9.38	162	3416130	51.655	nq	95
48) 2-Nitroaniline	9.47	65	1065832	60.009	nq	99
49) Acenaphthylene	9.80	152	4662549	48.385	nq	96
50) Dimethylphthalate	9.66	163	3878519	50.550	nq	98
51) 2,6-Dinitrotoluene	9.72	165	884375	52.422	nq	97
52) Acenaphthene	9.97	154	3122973	52.674	nq	99
53) 3-Nitroaniline	9.89	138	975937	50.014	nq	# 94
54) 2,4-Dinitrophenol	9.99	184	316127	50.173	nq	# 1
55) Dibenzofuran	10.14	168	4309335	50.092	nq	93
56) 4-Nitrophenol	10.03	139	713077	79.726	nq	95
57) 2,4-Dinitrotoluene	10.12	165	1103870	51.190	nq	99
58) Fluorene	10.49	166	3210616	45.943	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	1073872	63.702	nq	98
60) Diethylphthalate	10.36	149	3732693	48.825	nq	96
61) 4-Chlorophenyl-phenylether	10.47	204	1812429	51.550	nq	98
62) 4-Nitroaniline	10.50	138	943164	48.947	nq	98
63) Azobenzene	10.63	77	3612265	57.045	nq	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	456306	48.264	nq	83
66) n-Nitrosodiphenylamine	10.59	169	3202015	54.431	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	1370287	63.442	nq	95
68) Hexachlorobenzene	11.03	284	1513096	59.083	nq	98
69) Atrazine	11.12	200	812011	57.560	nq	99
70) Pentachlorophenol	11.22	266	807795	114.293	nq	99
71) Phenanthrene	11.45	178	4721025	48.947	nq	96
72) Anthracene	11.50	178	4703859	48.931	nq	96
73) Carbazole	11.64	167	4311072	50.197	nq	96
74) Di-n-butylphthalate	11.98	149	5057110	45.527	nq	97
75) Fluoranthene	12.63	202	4897969	50.834	nq	98
77) Benzidine	12.74	184	1031477	38.122	nq	98
78) Pyrene	12.86	202	4829405	47.147	nq	97
80) Butylbenzylphthalate	13.47	149	2307875	50.332	nq	96
81) Benzo(a)anthracene	14.04	228	4043017	48.115	nq	96
82) 3,3'-Dichlorobenzidine	14.00	252	1433618	50.249	nq	99
83) Chrysene	14.09	228	3901790	48.446	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	2746406	44.832	nq	# 96
85) Di-n-octyl phthalate	14.65	149	4221114	46.051	nq	99
86) Indeno(1,2,3-cd)pyrene	17.01	276	4035150	53.317	nq	100
88) Benzo(b)fluoranthene	15.10	252	3833266	55.101	nq	99
89) Benzo(k)fluoranthene	15.13	252	3580955	56.826	nq	97
90) Benzo(a)pyrene	15.47	252	3438779	55.470	nq	99
91) Dibenzo(a,h)anthracene	17.03	278	3273567	58.155	nq	99
92) Benzo(g,h,i)perylene	17.46	276	3167721	57.845	nq	98

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

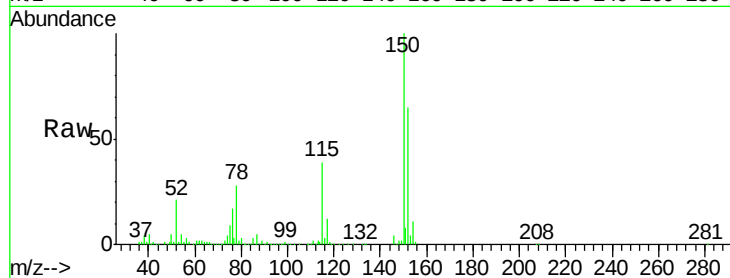


#1

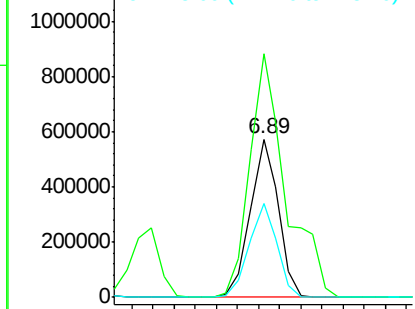
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Instrument :
BNA_F
ClientSampled :

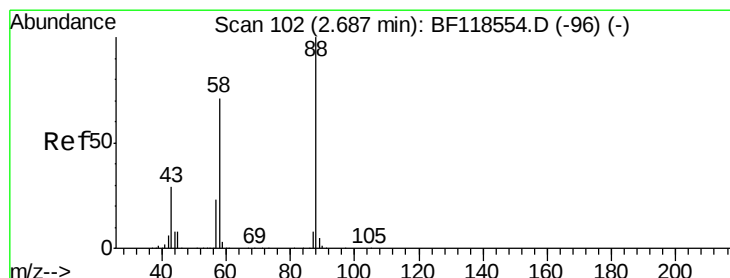
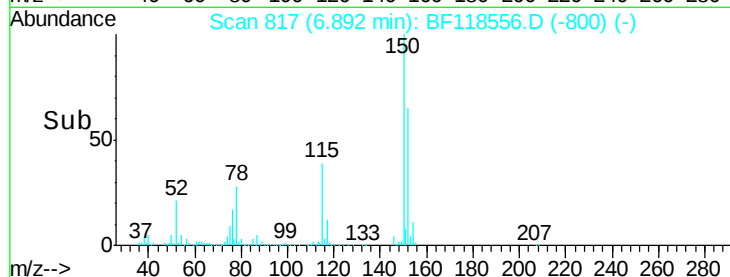
Tot Ion:152 Resp: 528977
Ion Ratio Lower Upper
152 100
150 153.8 124.9 187.3
115 59.5 45.8 68.6



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



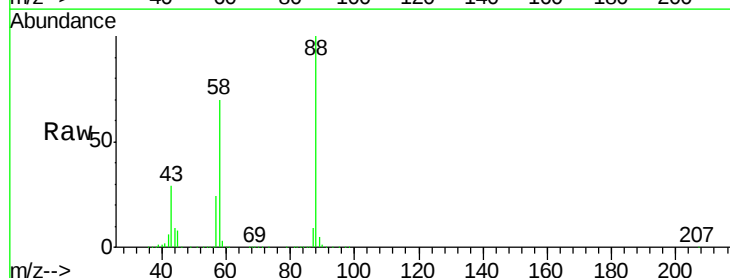
Time-->



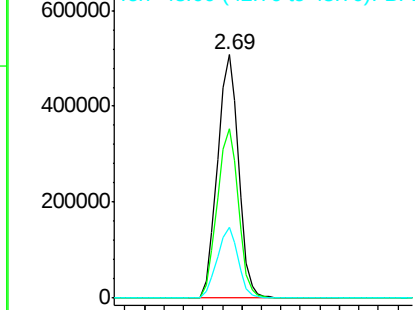
#2

1,4-Dioxane
Concen: 60.404 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.00 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

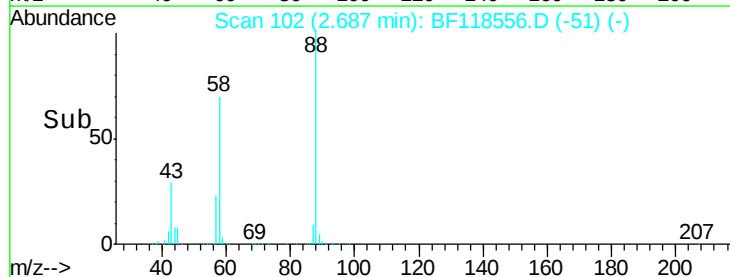
Tgt Ion: 88 Resp: 759266
Ion Ratio Lower Upper
88 100
58 70.4 56.7 85.1
43 28.5 23.3 34.9

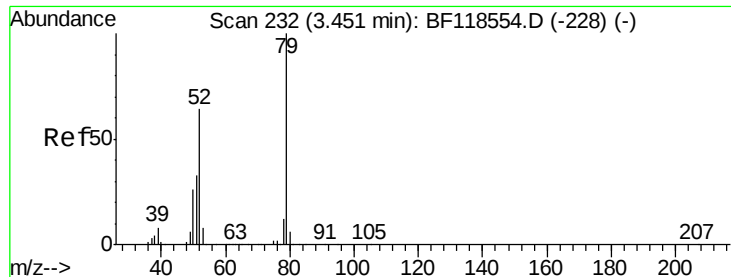


Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



Time-->

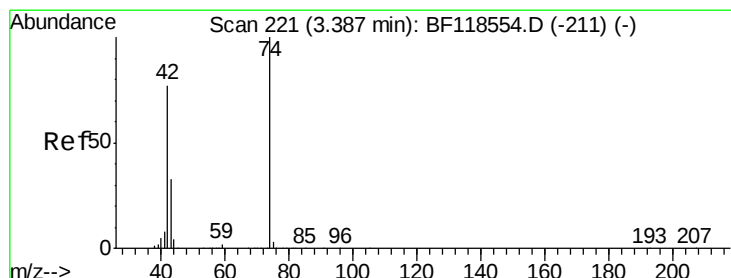
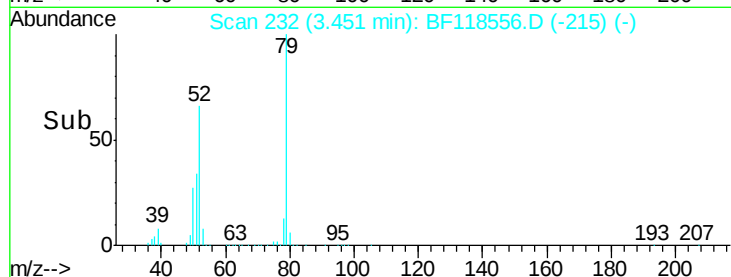
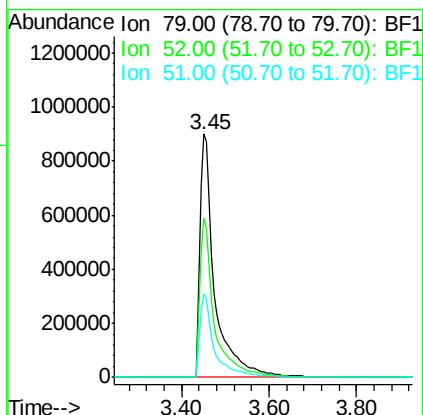
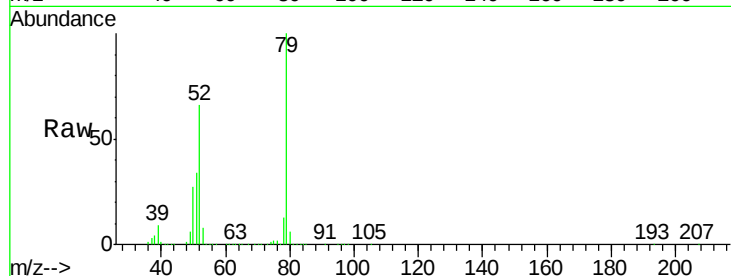




#3
 Pvridine
 Concen: 64.072 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.00 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

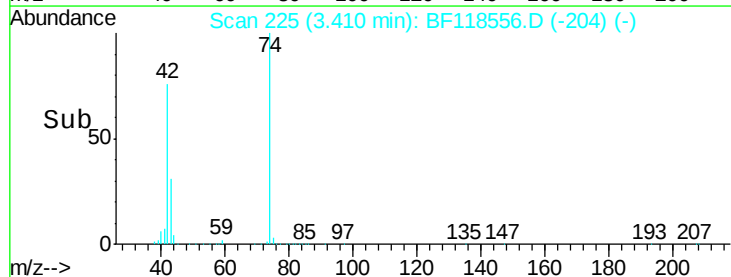
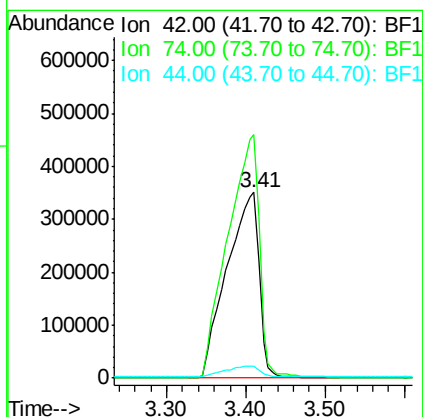
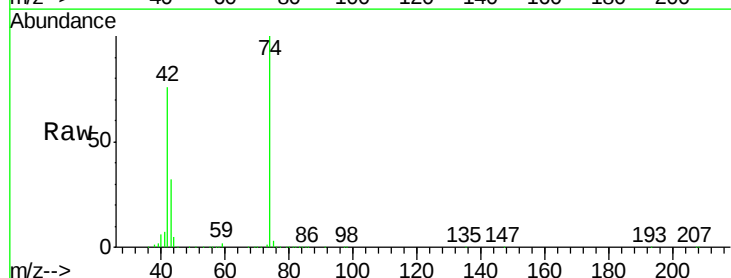
Instrument :
 BNA_F
 ClientSampleId :

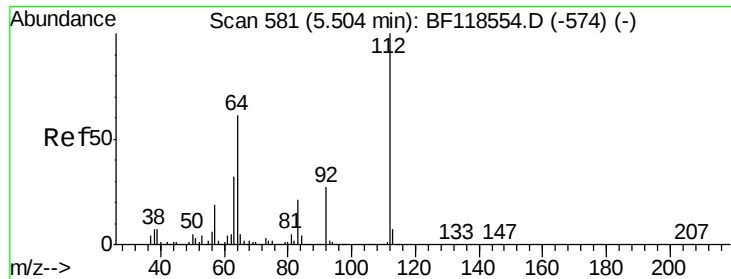
Tot Ion: 79 Resp: 2125455
 Ion Ratio Lower Upper
 79 100
 52 65.5 51.3 76.9
 51 34.2 26.7 40.1



#4
 n-Nitrosodimethylamine
 Concen: 85.520 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.02 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

Tgt Ion: 42 Resp: 984452
 Ion Ratio Lower Upper
 42 100
 74 131.3 103.1 154.7
 44 6.3 5.4 8.2





#5

2-Fluorophenol

Concen: 99.724 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

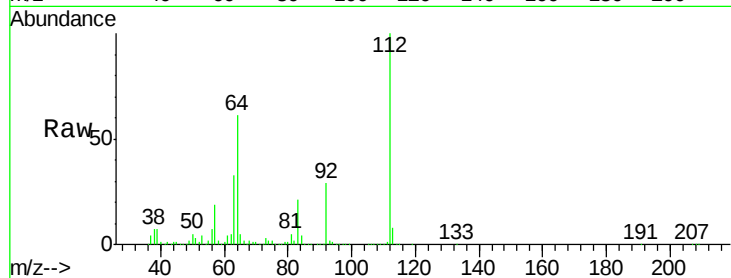
Tot Ion:112 Resp: 3081575

Ion Ratio Lower Upper

112 100

64 61.1 49.1 73.7

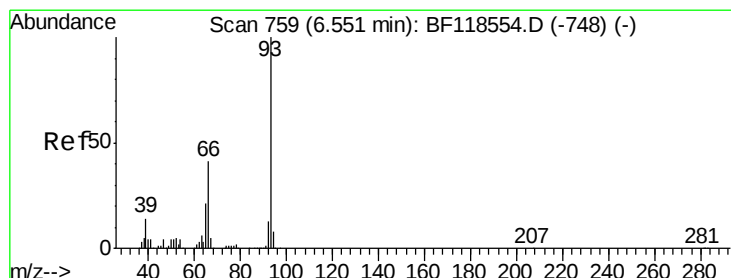
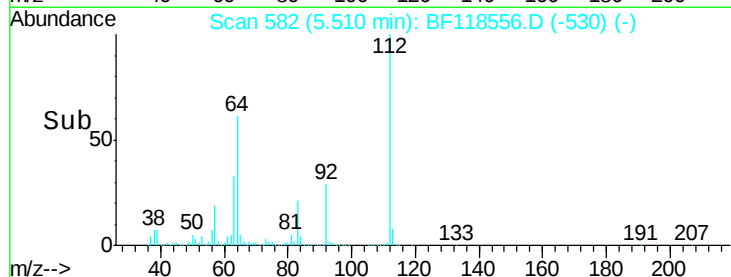
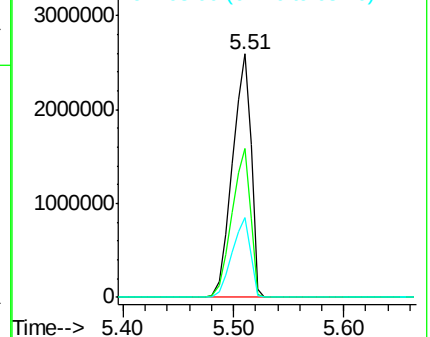
63 32.9 25.8 38.8



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: 60.034 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

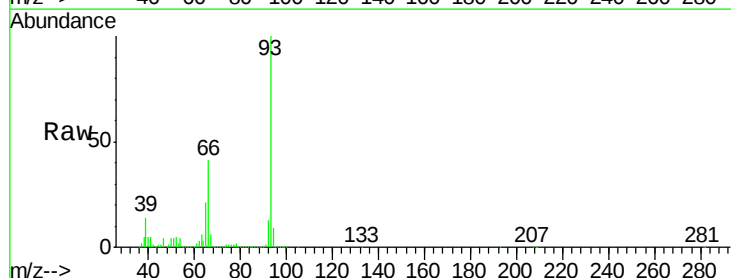
Tgt Ion: 93 Resp: 2816027

Ion Ratio Lower Upper

93 100

66 40.9 32.9 49.3

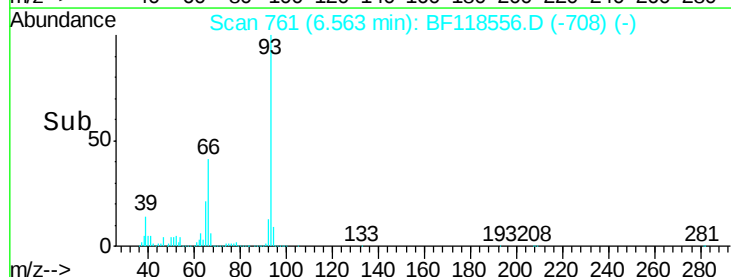
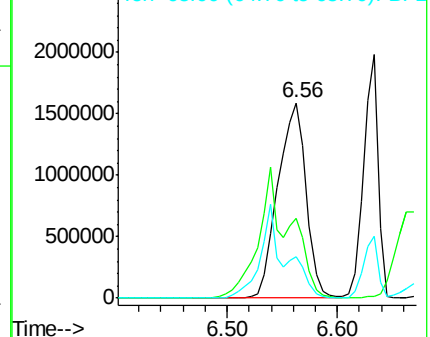
65 21.0 16.5 24.7

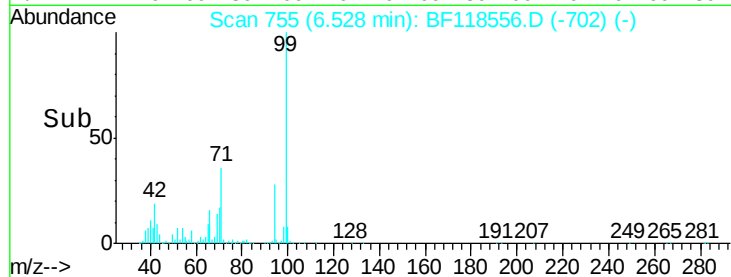
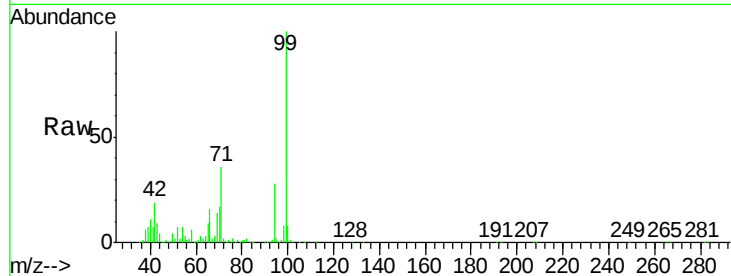
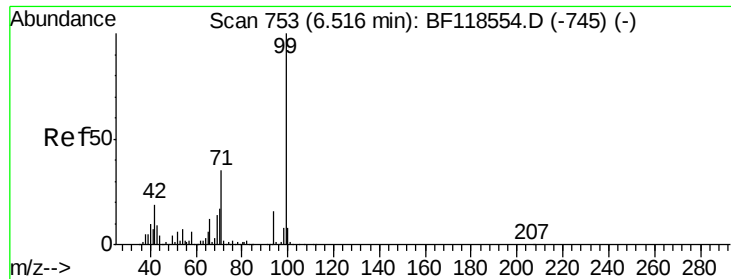


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.922 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

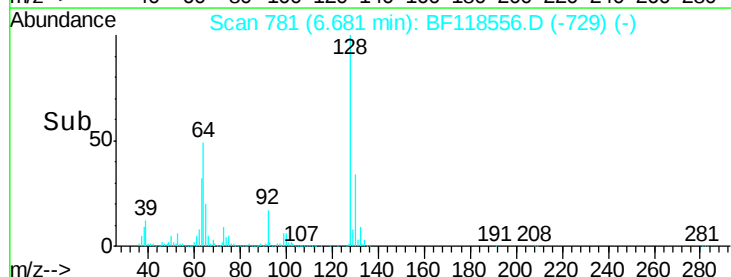
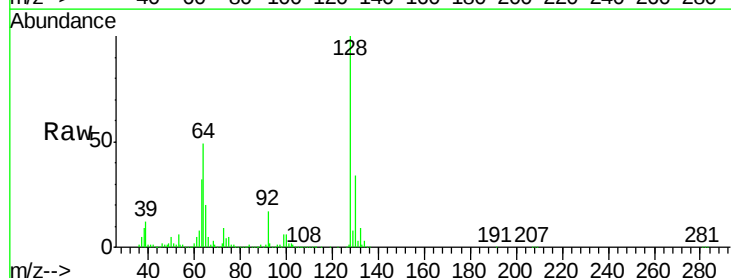
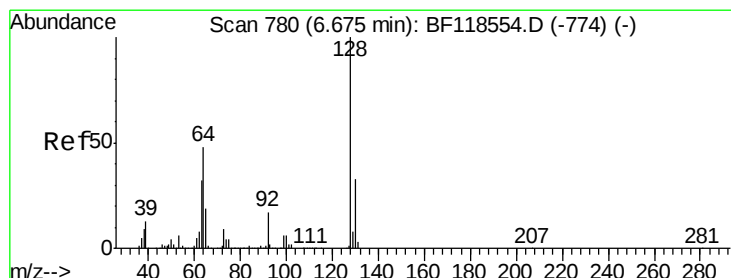
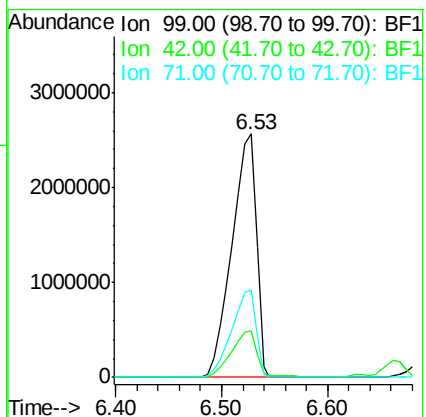
Tot Ion: 99 Resp: 4086614

Ion Ratio Lower Upper

99 100

42 18.9 14.9 22.3

71 35.9 28.3 42.5



#8

2-Chlorophenol

Concen: 52.383 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

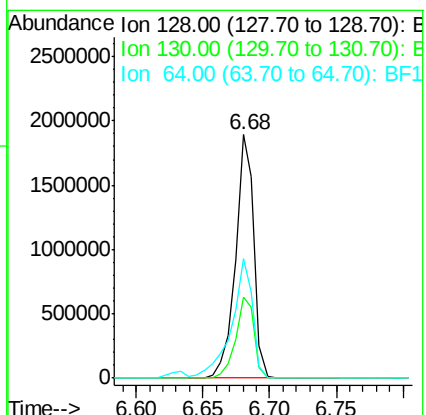
Tgt Ion:128 Resp: 1814439

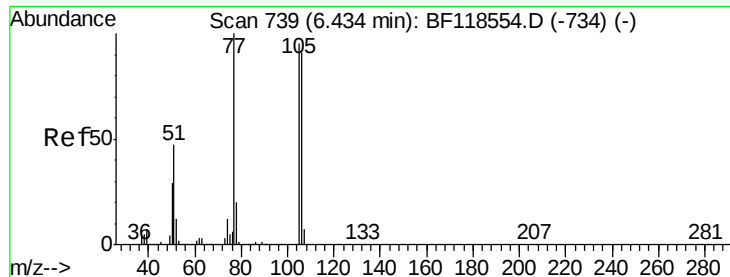
Ion Ratio Lower Upper

128 100

130 33.5 13.2 53.2

64 49.1 28.9 68.9





#9

Benzaldehyde

Concen: 53.920 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

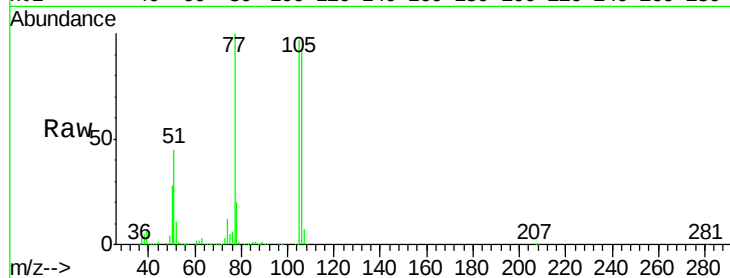
Tot Ion: 77 Resp: 933578

Ion Ratio Lower Upper

77 100

105 96.8 75.2 115.2

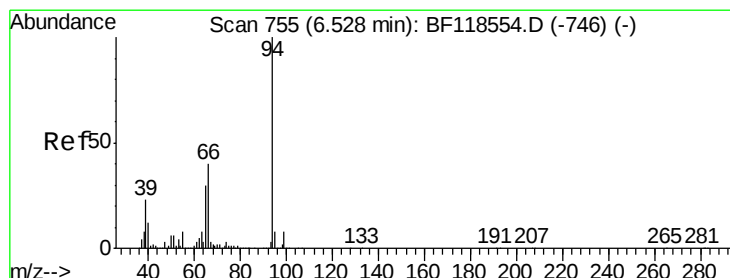
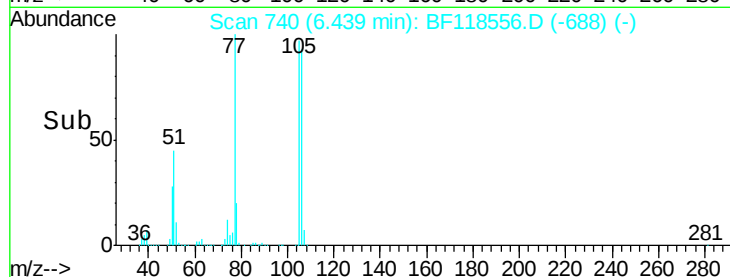
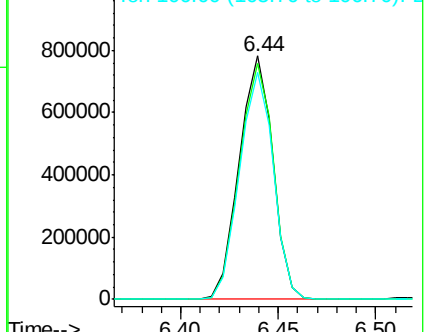
106 93.4 71.4 111.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 55.881 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

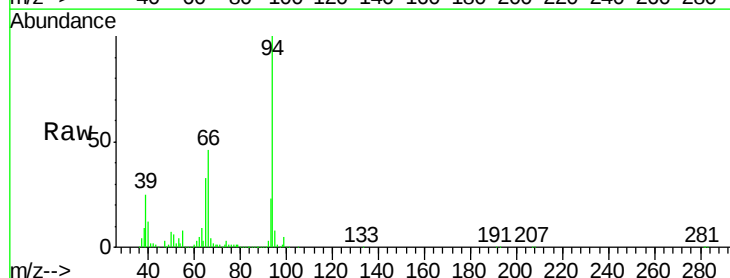
Tgt Ion: 94 Resp: 2335954

Ion Ratio Lower Upper

94 100

65 32.9 9.8 49.8

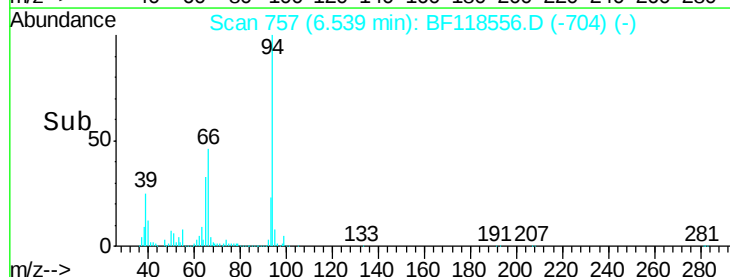
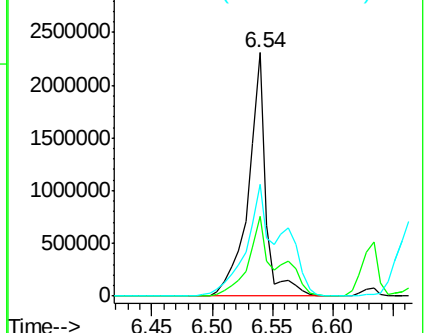
66 46.1 19.5 59.5

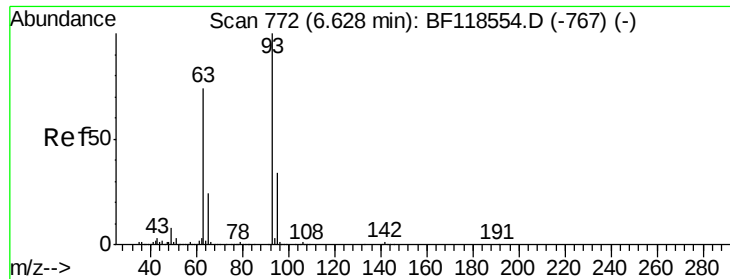


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

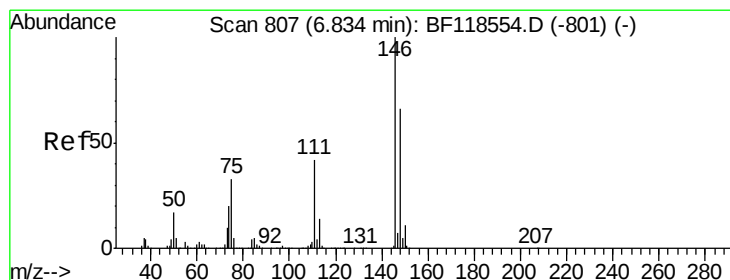
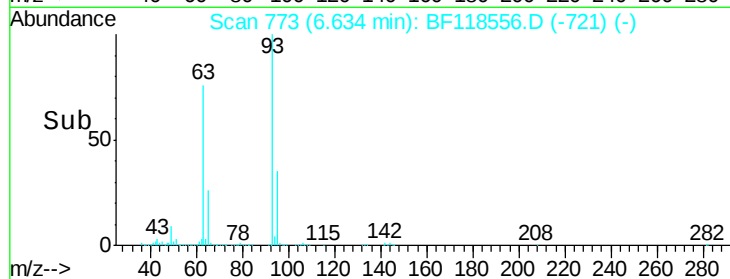
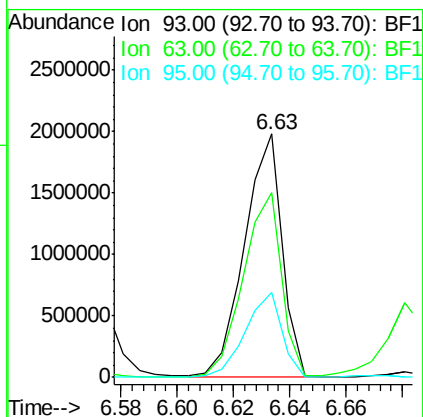
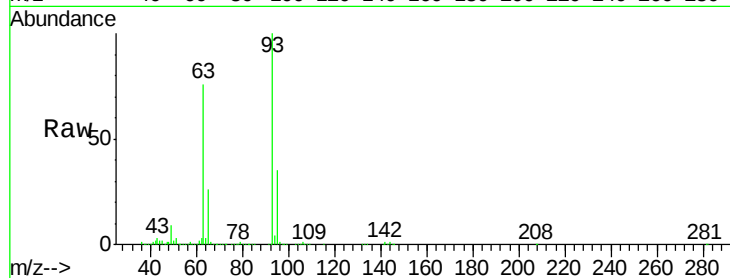




#11
bis(2-Chloroethyl)ether
Concen: 57.920 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

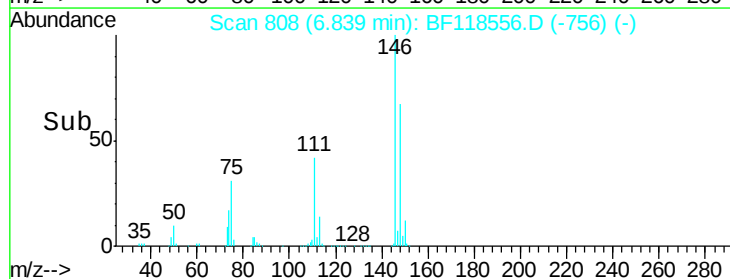
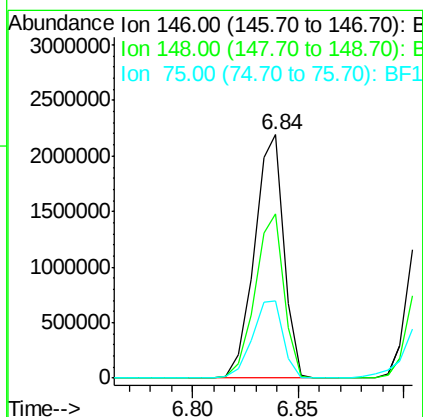
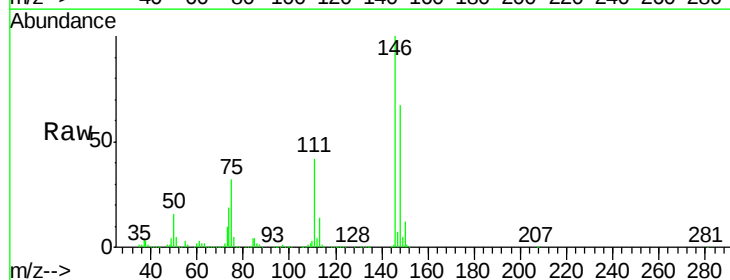
Instrument :
BNA_F
ClientSampled :

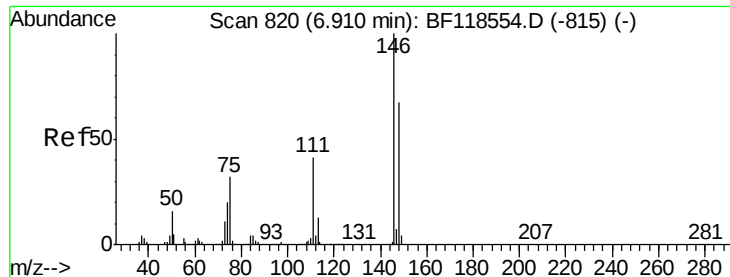
Tot Ion: 93 Resp: 1820329
Ion Ratio Lower Upper
93 100
63 76.0 54.0 94.0
95 34.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 52.852 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion: 146 Resp: 2121767
Ion Ratio Lower Upper
146 100
148 67.4 53.0 79.6
75 31.8 26.5 39.7

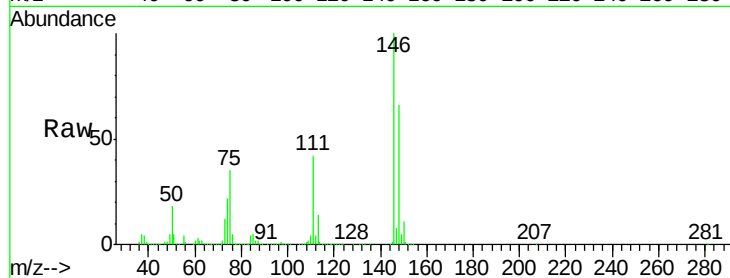




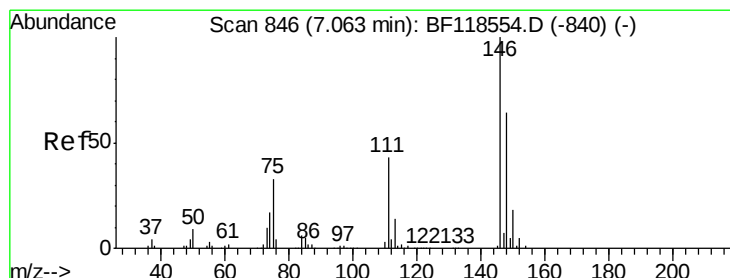
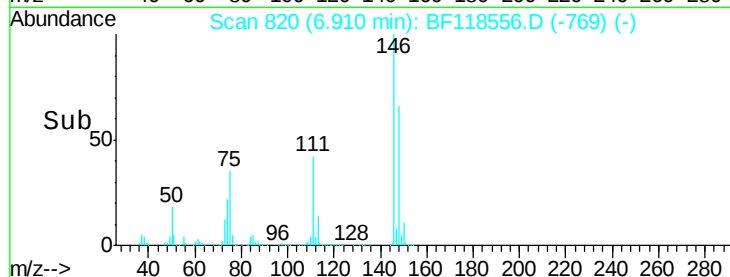
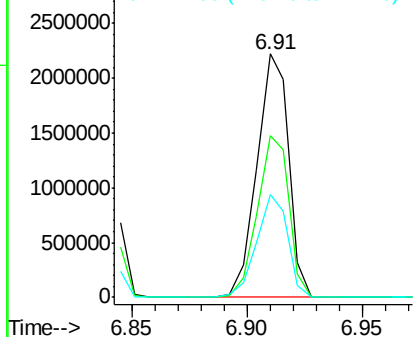
#13
 1,4-Dichlorobenzene
 Concen: 52.860 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 2126385
 Ion Ratio Lower Upper
 146 100
 148 66.3 53.4 80.2
 111 42.4 32.6 48.8

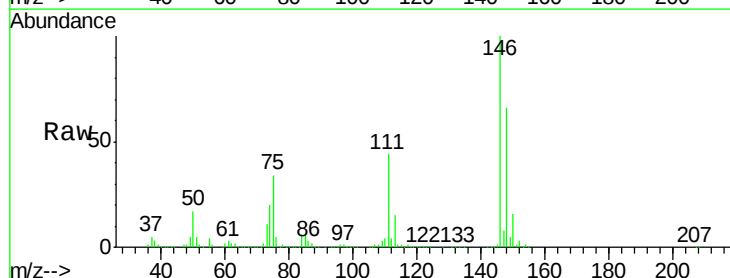


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

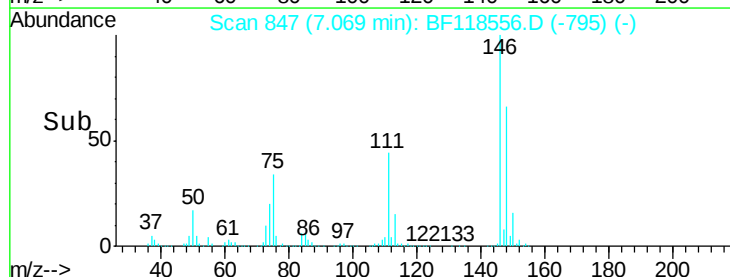
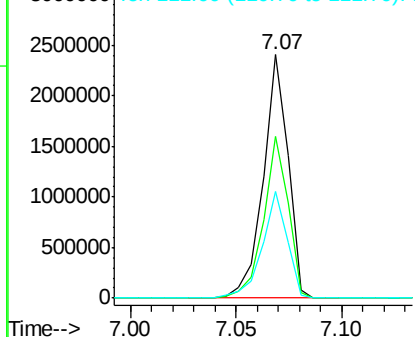


#14
 1,2-Dichlorobenzene
 Concen: 52.778 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.01 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

Tgt Ion:146 Resp: 1966946
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.2 76.8
 111 43.8 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





#15

Benzyl Alcohol

Concen: 64.164 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :
BNA_F
ClientSampleId :

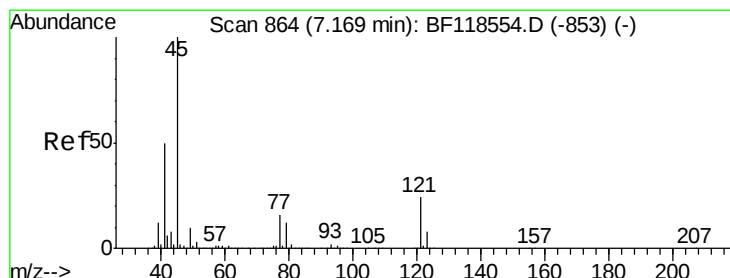
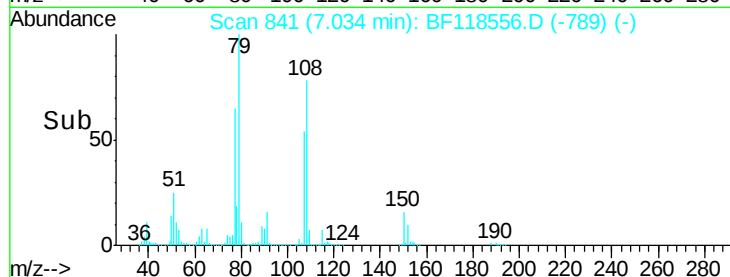
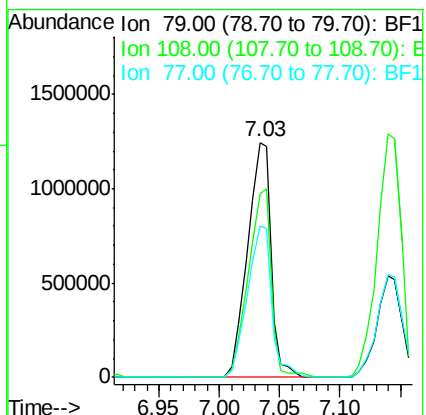
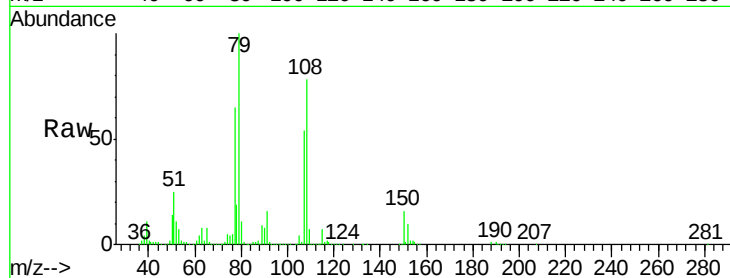
Tot Ion: 79 Resp: 1700205

Ion Ratio Lower Upper

79 100

108 78.1 61.9 92.9

77 64.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 82.258 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

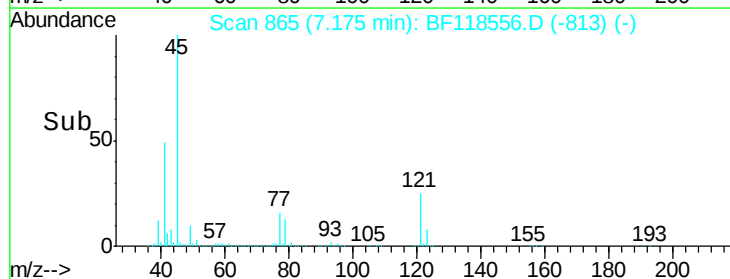
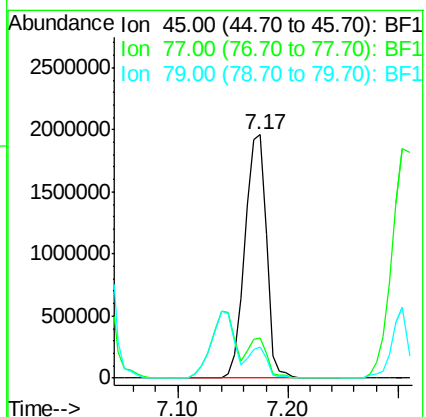
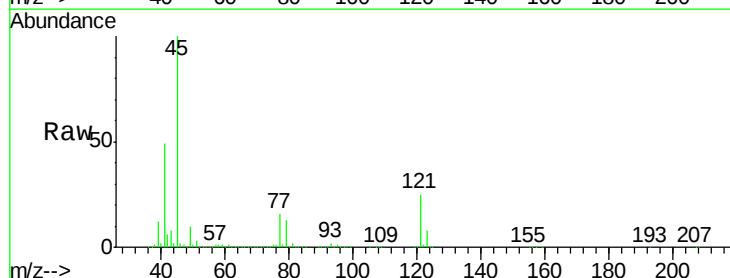
Tgt Ion: 45 Resp: 2676968

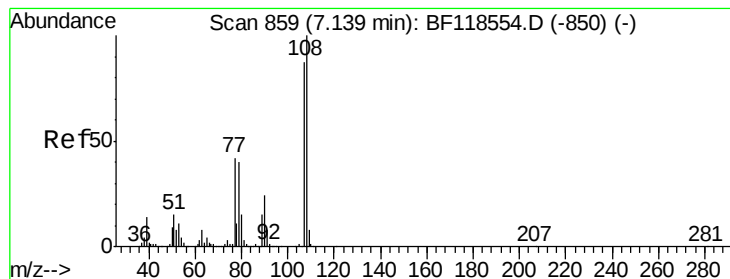
Ion Ratio Lower Upper

45 100

77 16.5 0.0 35.8

79 13.0 0.0 32.2

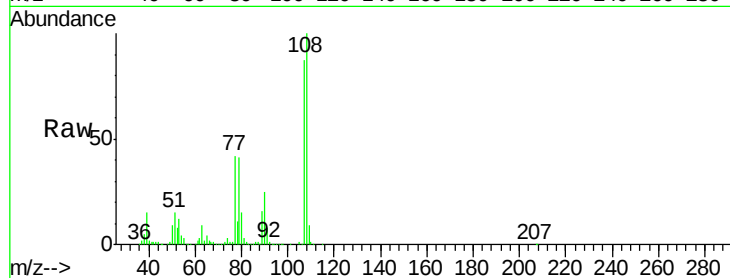




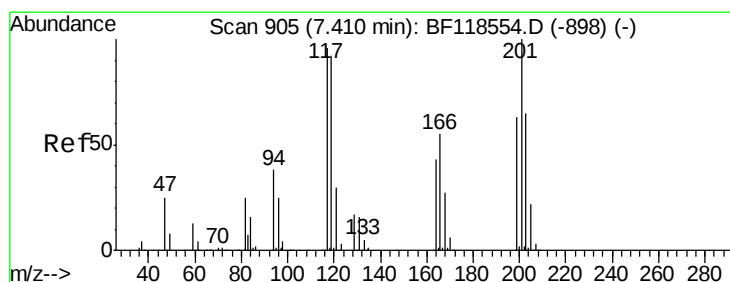
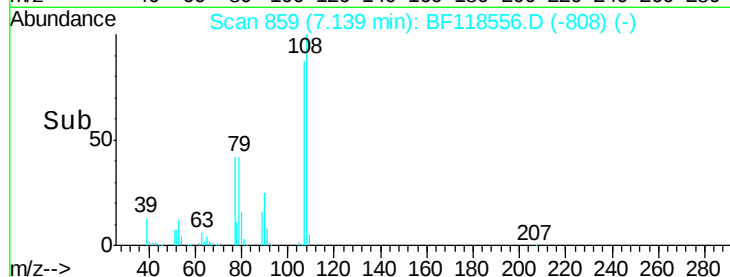
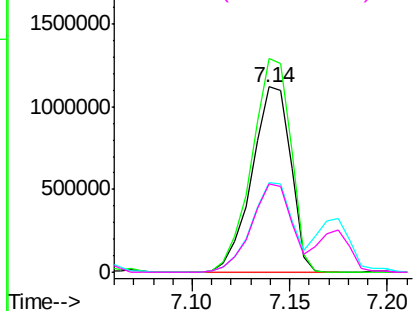
#17
2-Methylphenol
Concen: 57.365 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1550444
Ion Ratio Lower Upper
107 100
108 115.2 92.3 138.5
77 48.5 38.6 57.8
79 47.8 37.0 55.6

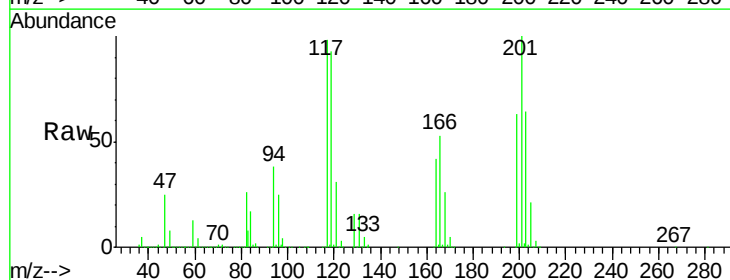


Abundance Ion 107.00 (106.70 to 107.70): E
2000000 Ion 108.00 (107.70 to 108.70): E
1500000 Ion 77.00 (76.70 to 77.70): BF1
1000000 Ion 79.00 (78.70 to 79.70): BF1
500000
0

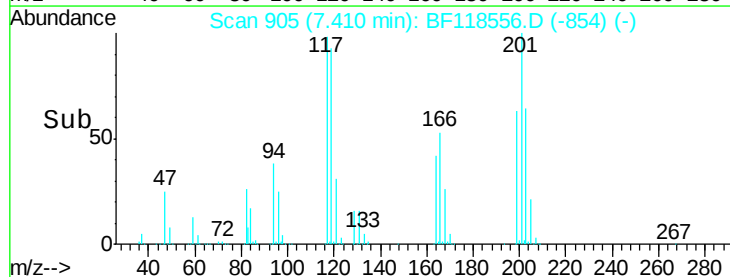
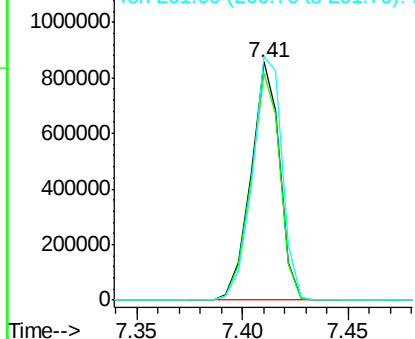


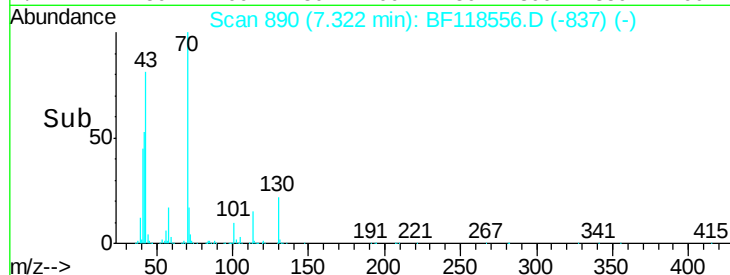
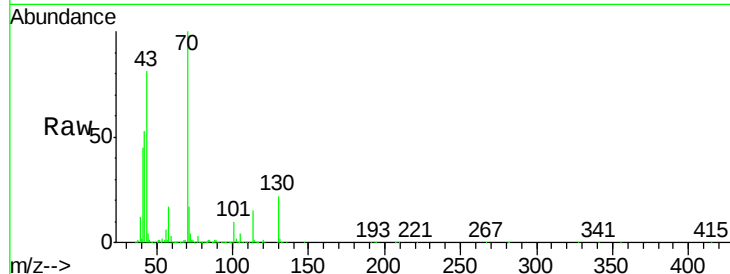
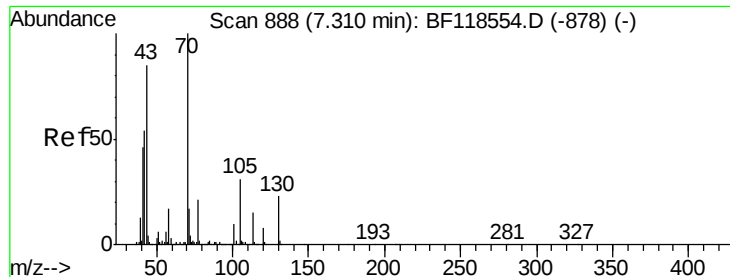
#18
Hexachloroethane
Concen: 56.636 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:117 Resp: 808429
Ion Ratio Lower Upper
117 100
119 95.4 76.9 115.3
201 102.1 83.6 125.4



Abundance Ion 117.00 (116.70 to 117.70): E
1200000 Ion 119.00 (118.70 to 119.70): E
1000000 Ion 201.00 (200.70 to 201.70): E
800000
600000
400000
200000
0

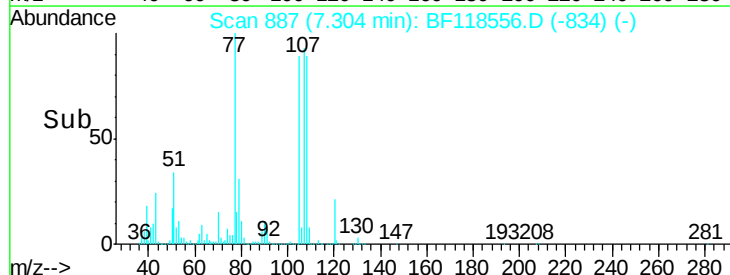
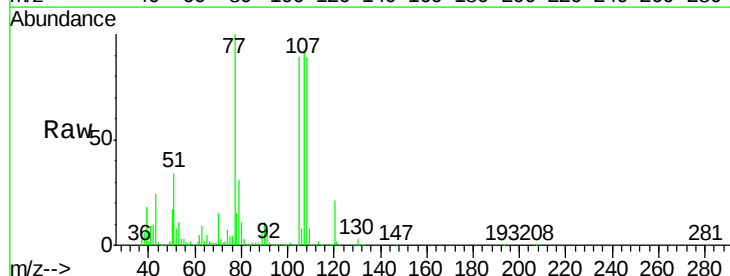
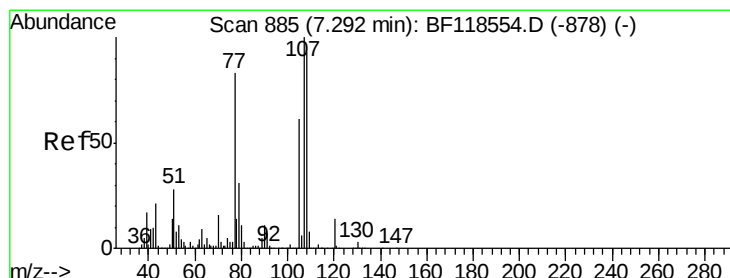
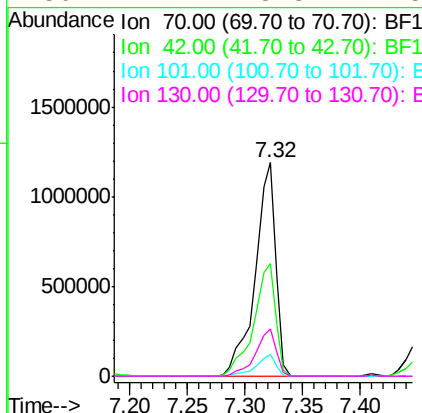




#19
n-Nitroso-di-n-propylamine
Concen: 68.892 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

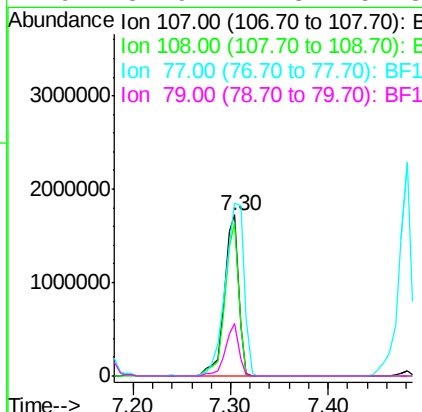
Instrument :
BNA_F
ClientSampleId :

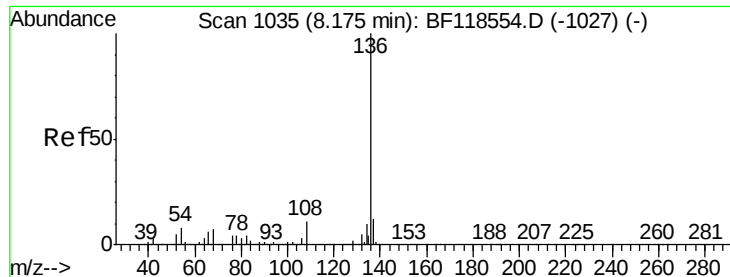
Tot Ion: 70 Resp: 1481613
Ion Ratio Lower Upper
70 100
42 52.6 43.6 65.4
101 10.0 7.7 11.5
130 22.2 18.3 27.5



#20
3+4-Methylphenols
Concen: 49.504 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion: 107 Resp: 1741858
Ion Ratio Lower Upper
107 100
108 95.5 72.6 112.6
77 107.3 63.0 103.0#
79 32.9 11.3 51.3

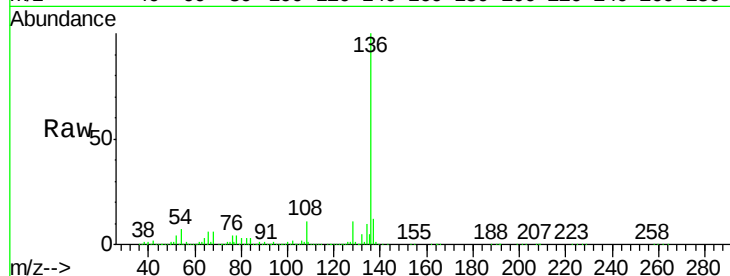




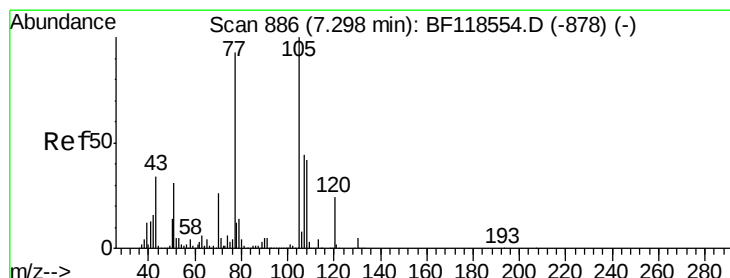
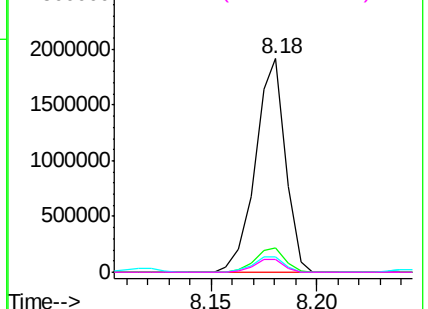
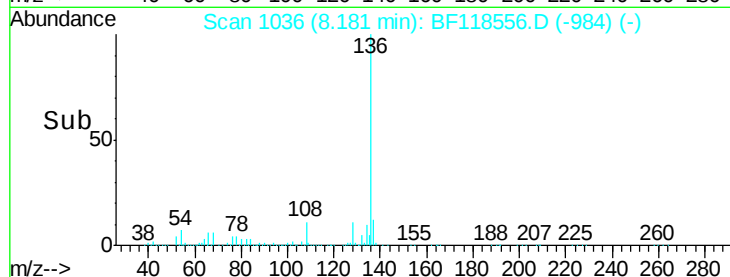
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 1887637
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 7.2 6.2 9.2
68 6.2 5.4 8.0

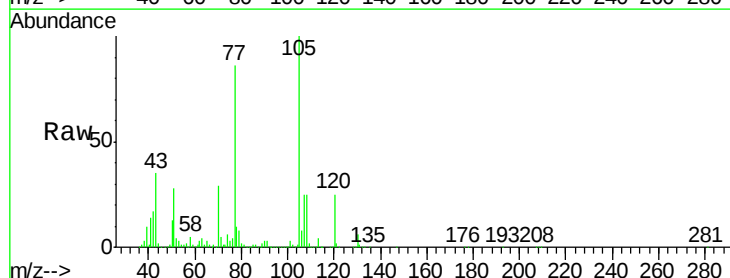


Abundance Ion 136.00 (135.70 to 136.70): E
3000000
Ion 137.00 (136.70 to 137.70): E
2500000
Ion 54.00 (53.70 to 54.70): BF1
2000000
Ion 68.00 (67.70 to 68.70): BF1

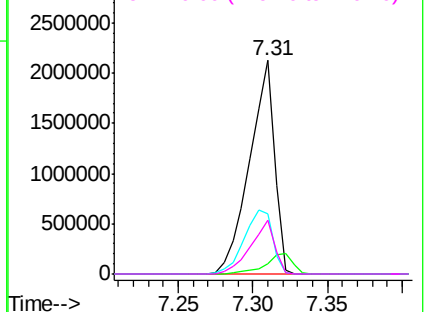
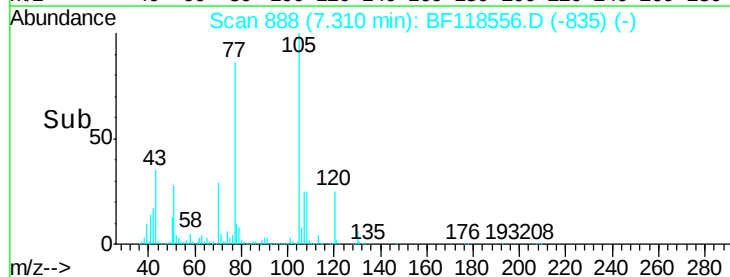


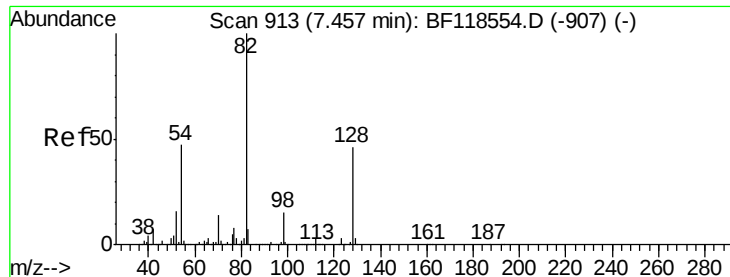
#22
Acetophenone
Concen: 56.033 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:105 Resp: 2453762
Ion Ratio Lower Upper
105 100
71 5.1 3.8 5.6
51 28.0 24.9 37.3
120 25.2 19.2 28.8



Abundance Ion 105.00 (104.70 to 105.70): E
3000000
Ion 71.00 (70.70 to 71.70): BF1
2500000
Ion 51.00 (50.70 to 51.70): BF1
2000000
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 122.826 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

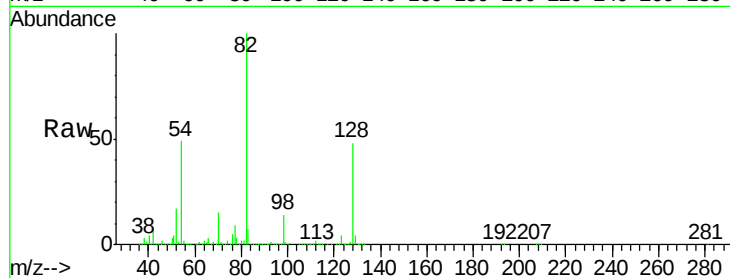
Tot Ion: 82 Resp: 3786101

Ion Ratio Lower Upper

82 100

128 48.5 37.0 55.4

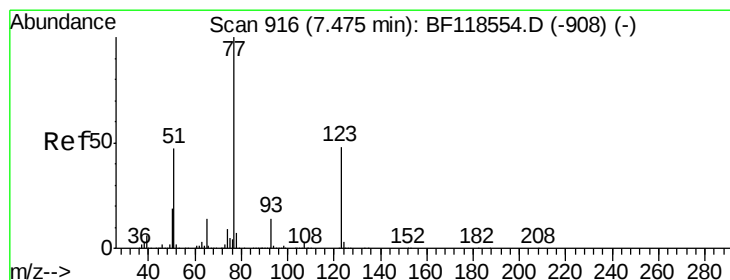
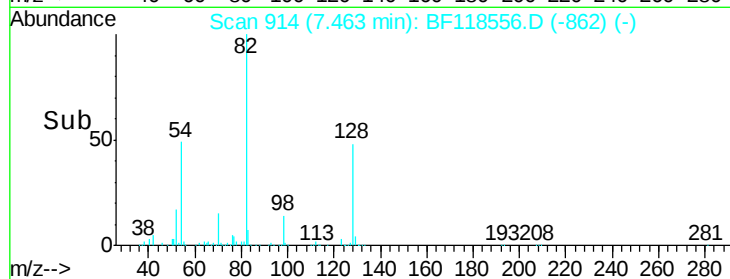
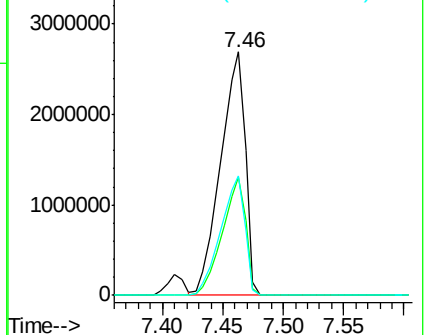
54 49.0 37.4 56.0



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: 64.428 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

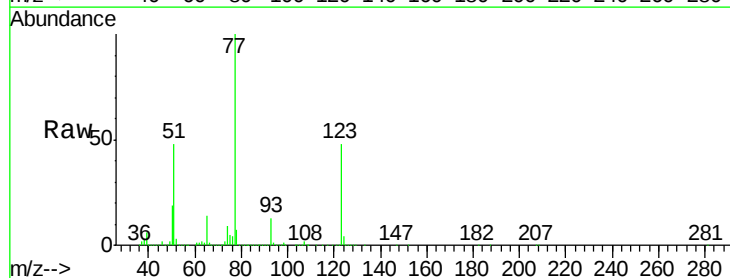
Tgt Ion: 77 Resp: 1974029

Ion Ratio Lower Upper

77 100

123 48.1 38.2 57.2

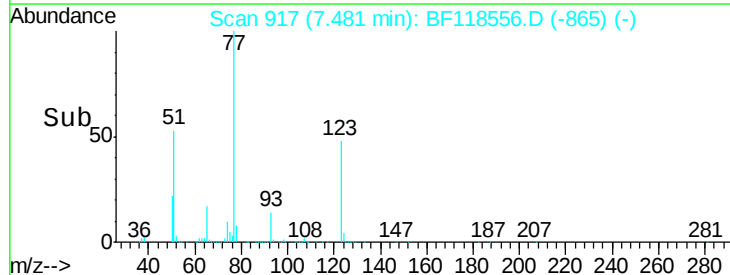
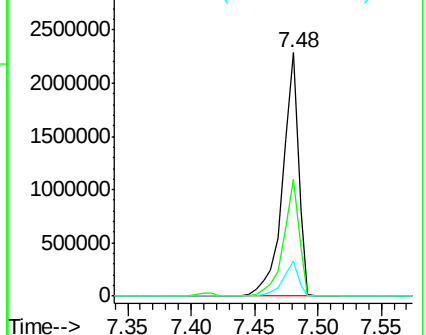
65 14.4 11.1 16.7

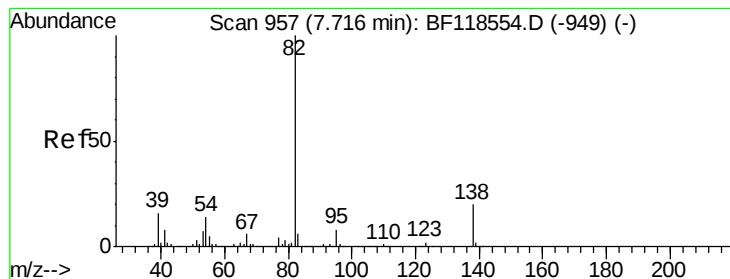


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 67.200 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

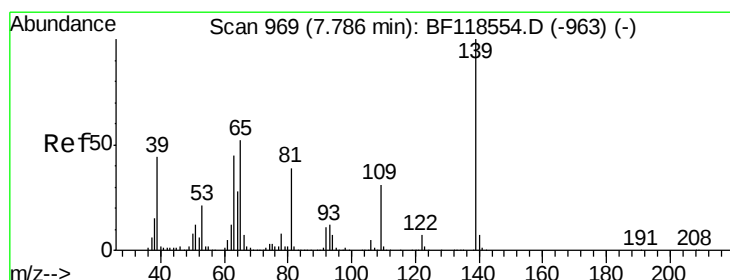
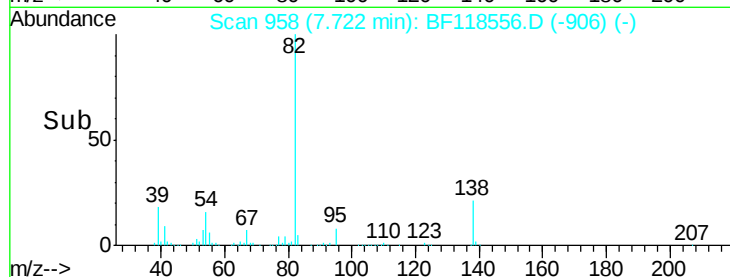
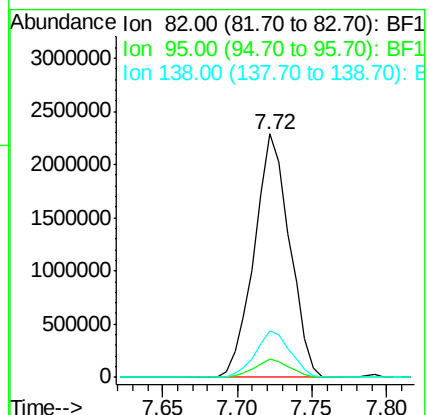
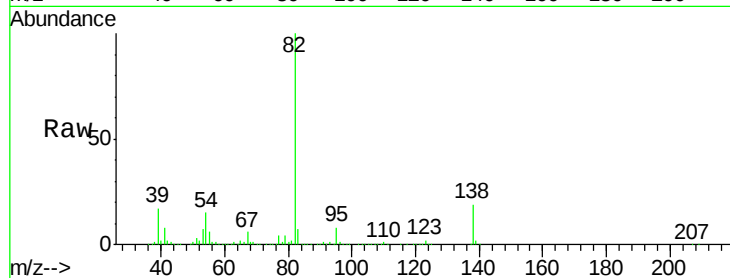
Tot Ion: 82 Resp: 3732728

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 19.3 15.8 23.8



#26

2-Nitrophenol

Concen: 48.147 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

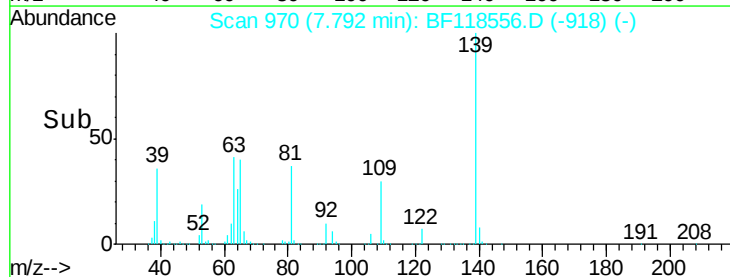
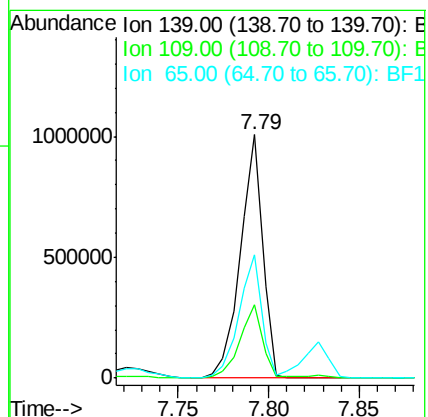
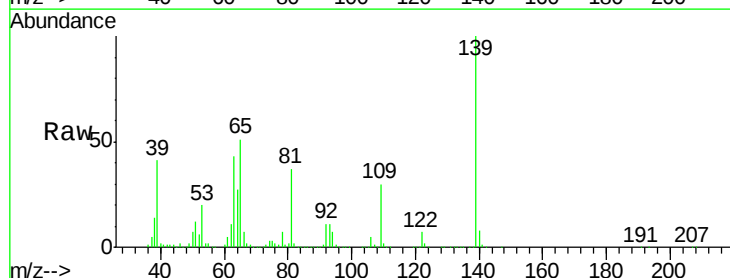
Tgt Ion: 139 Resp: 865569

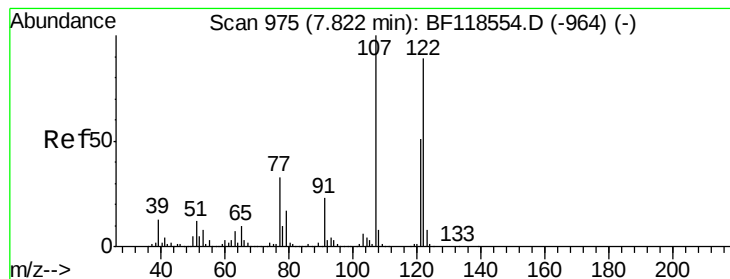
Ion Ratio Lower Upper

139 100

109 29.9 24.6 36.8

65 50.5 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 63.078 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

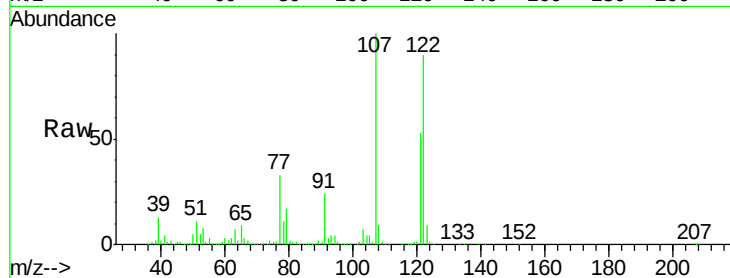
Tot Ion:122 Resp: 1513722

Ion Ratio Lower Upper

122 100

107 110.5 89.6 134.4

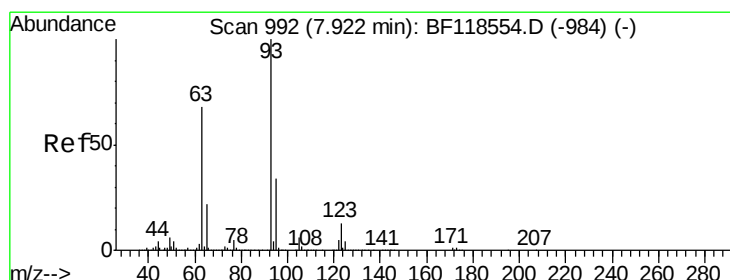
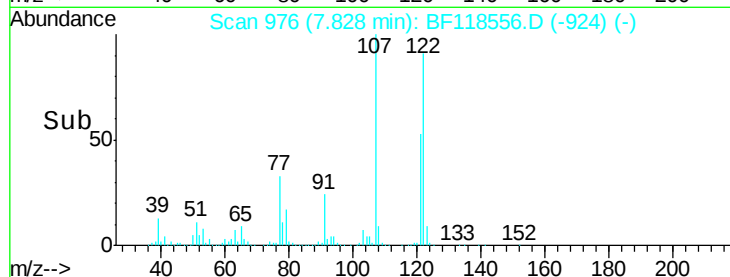
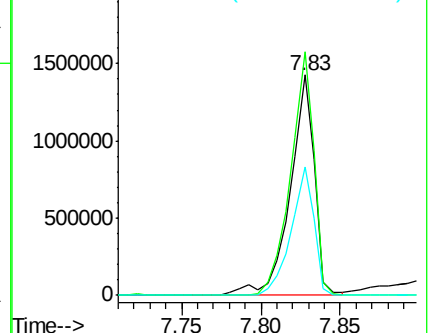
121 58.1 45.9 68.9



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: 61.818 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

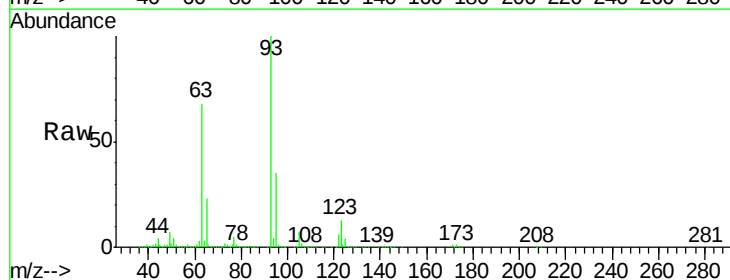
Tgt Ion: 93 Resp: 2367112

Ion Ratio Lower Upper

93 100

95 35.0 27.3 40.9

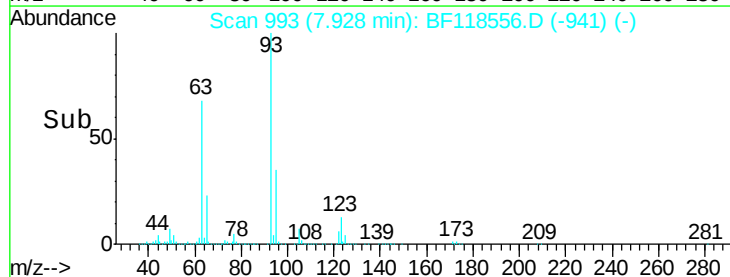
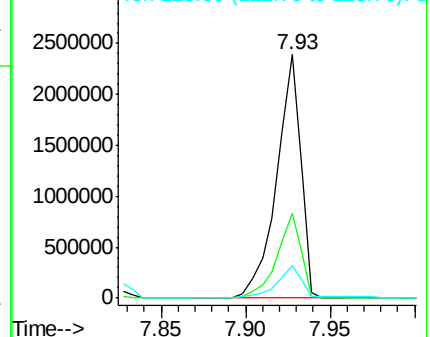
123 13.4 10.2 15.4

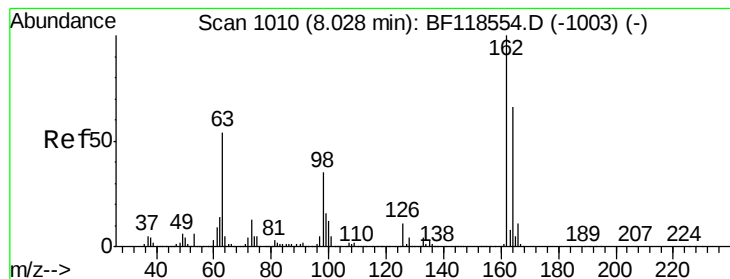


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 60.146 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

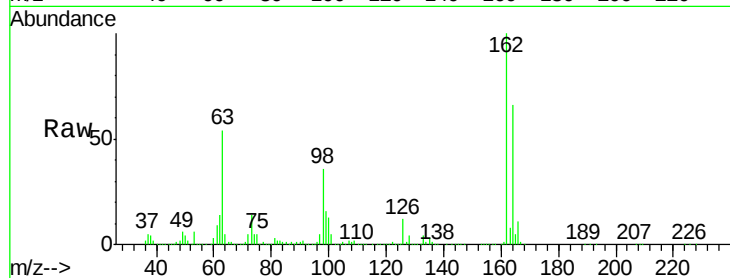
Tot Ion:162 Resp: 1679008

Ion Ratio Lower Upper

162 100

164 65.6 45.6 85.6

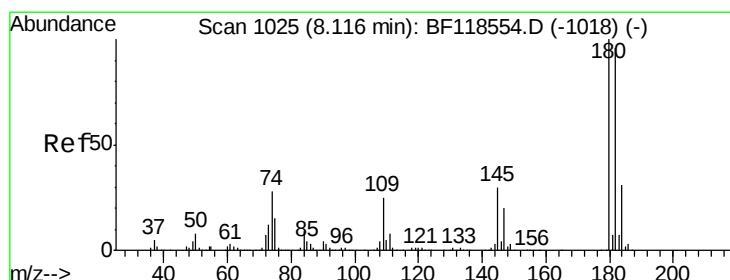
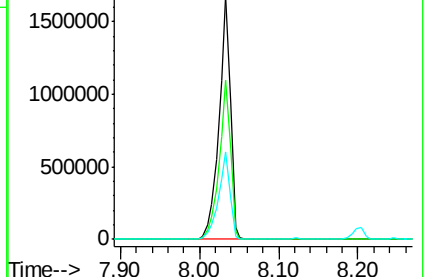
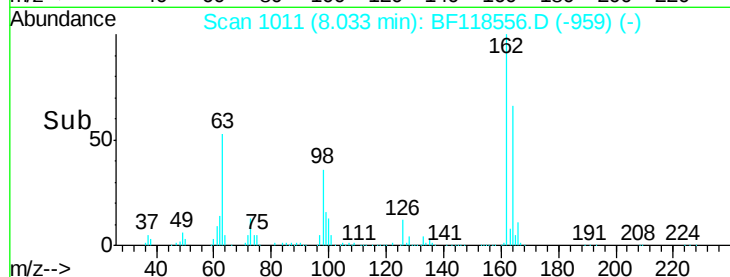
98 36.1 15.4 55.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 59.331 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

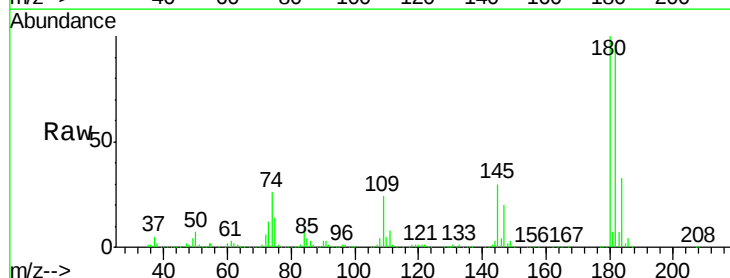
Tgt Ion:180 Resp: 1885200

Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

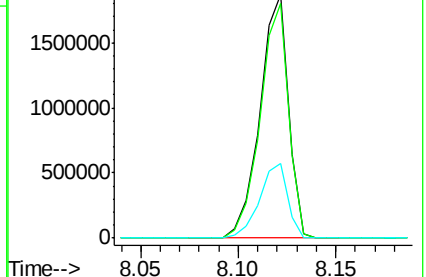
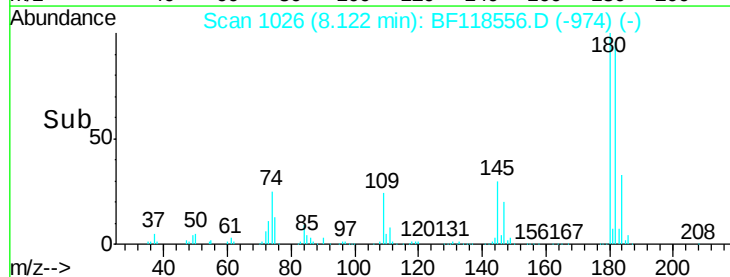
145 30.4 24.2 36.2

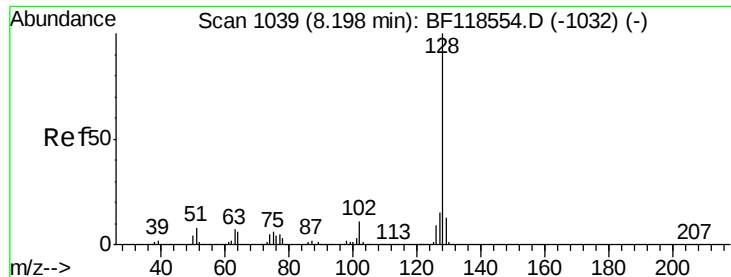


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.005 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

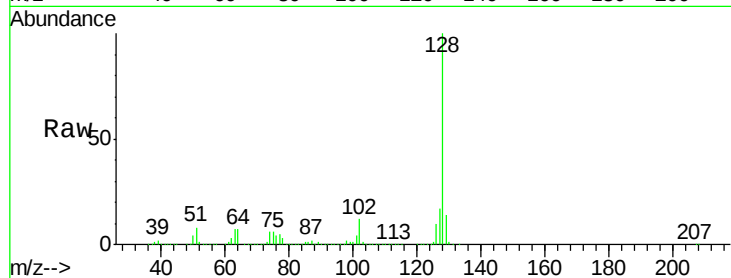
Tot Ion:128 Resp: 4640617

Ion Ratio Lower Upper

128 100

129 14.2 10.3 15.5

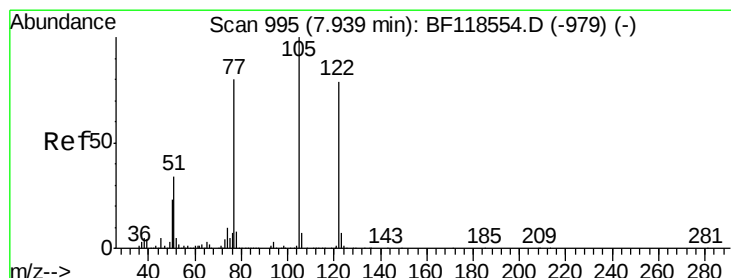
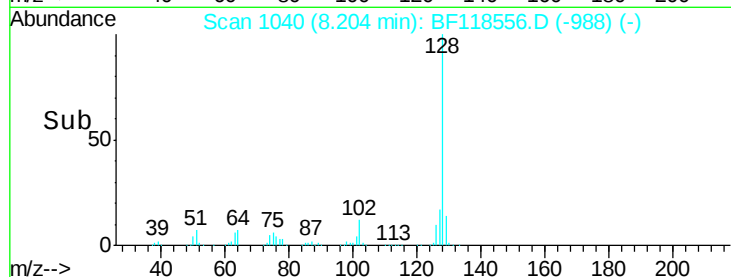
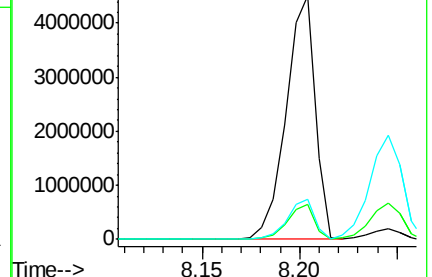
127 16.7 12.1 18.1



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: 63.613 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.04 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

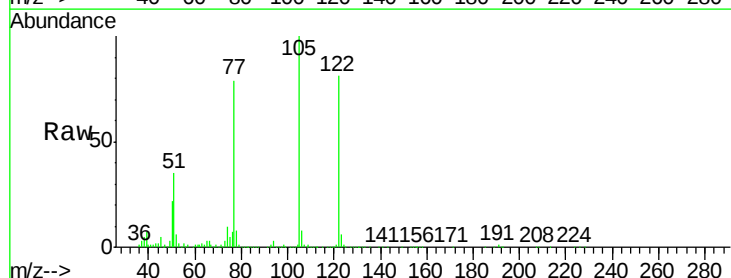
Tgt Ion:122 Resp: 1102289

Ion Ratio Lower Upper

122 100

105 123.2 105.0 145.0

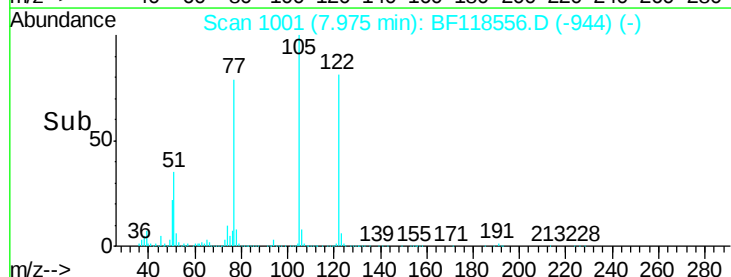
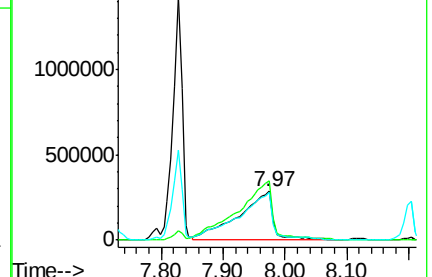
77 97.8 80.7 120.7

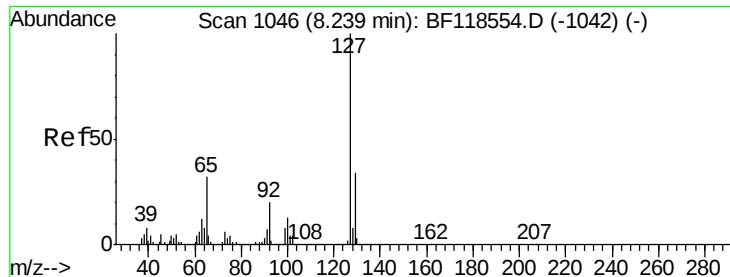


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

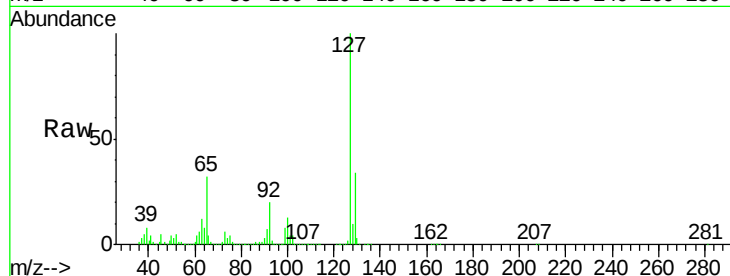




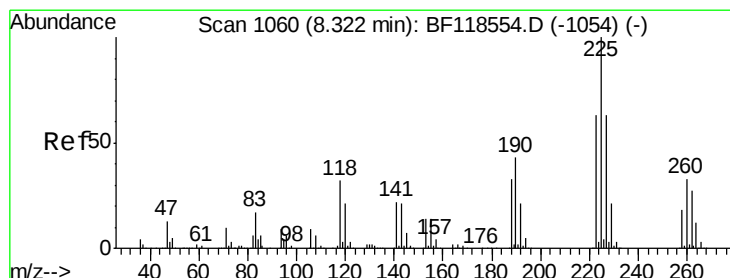
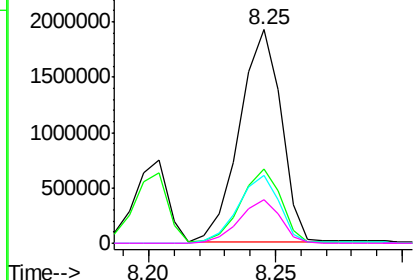
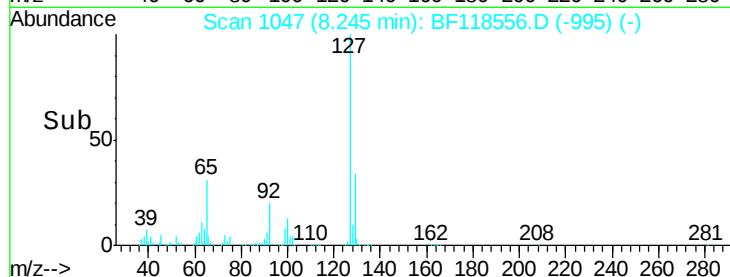
#33
4-Chloroaniline
Concen: 54.591 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 2199715
Ion Ratio Lower Upper
127 100
129 34.5 27.0 40.4
65 31.8 25.8 38.8
92 20.2 15.8 23.8

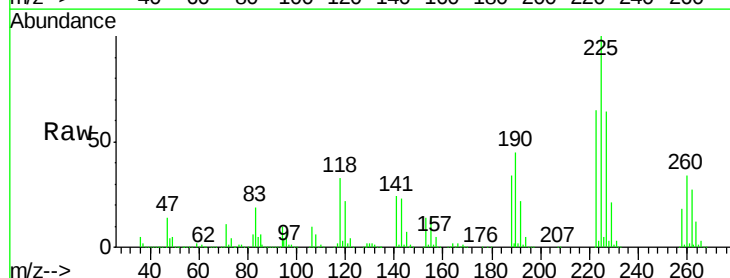


Abundance Ion 127.00 (126.70 to 127.70): E
3000000
Ion 129.00 (128.70 to 129.70): E
2500000
Ion 65.00 (64.70 to 65.70): BF1
2000000
Ion 92.00 (91.70 to 92.70): BF1

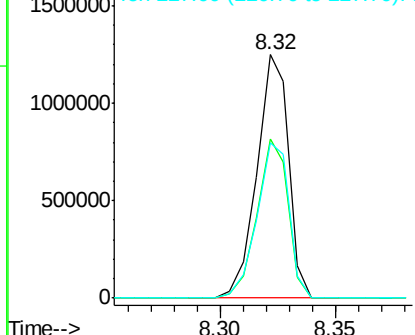
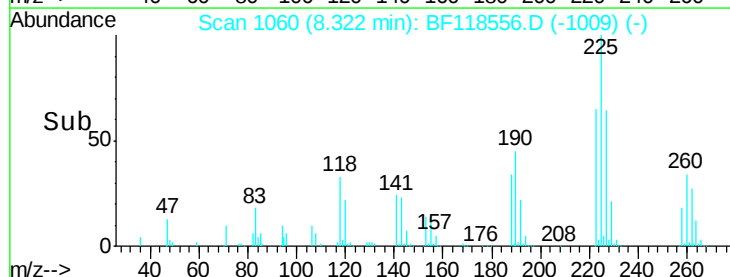


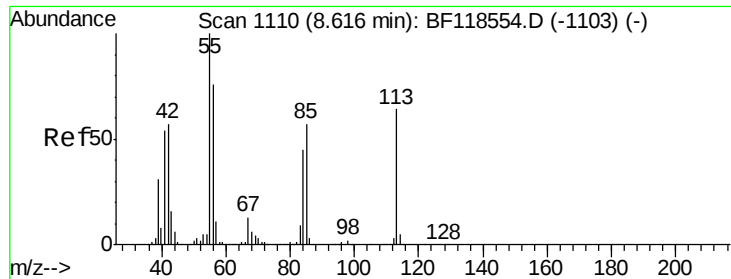
#34
Hexachlorobutadiene
Concen: 63.785 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:225 Resp: 1190683
Ion Ratio Lower Upper
225 100
223 65.2 50.6 76.0
227 63.9 50.4 75.6



Abundance Ion 225.00 (224.70 to 225.70): E
1500000
Ion 223.00 (222.70 to 223.70): E
1000000
Ion 227.00 (226.70 to 227.70): E

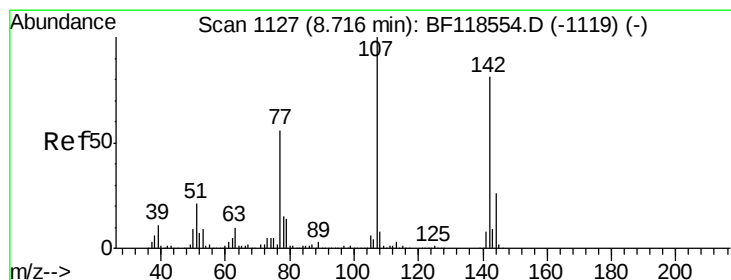
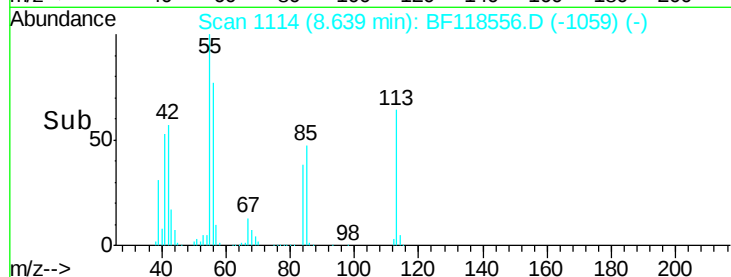
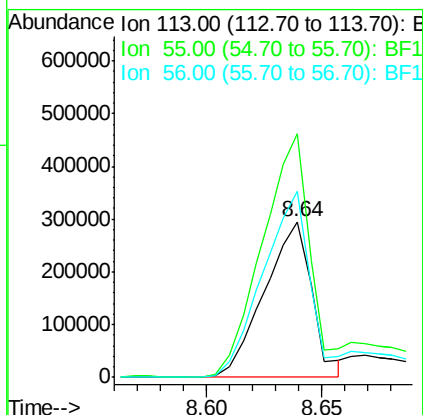
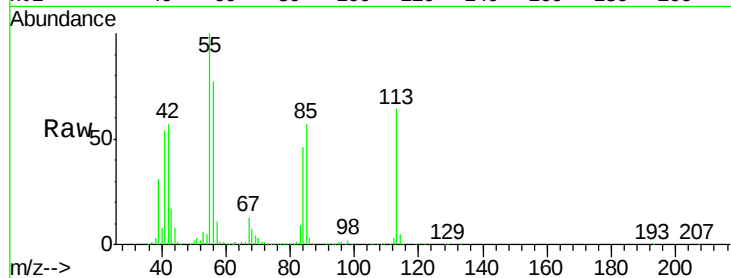




#35
Caprolactam
Concen: 49.117 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

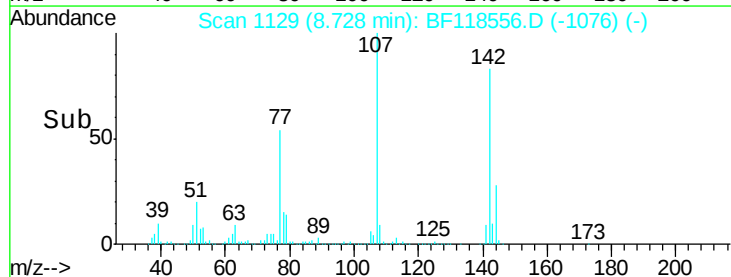
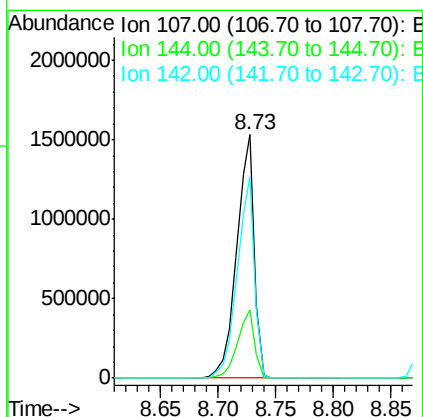
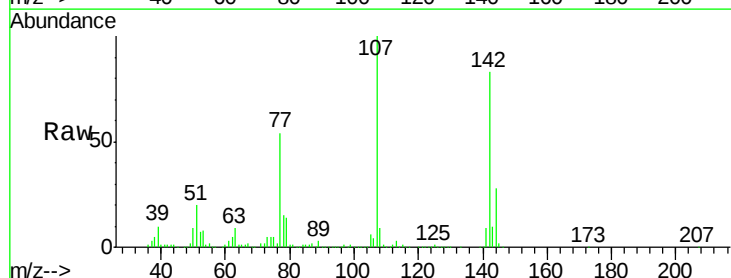
Instrument :
BNA_F
ClientSampleId :

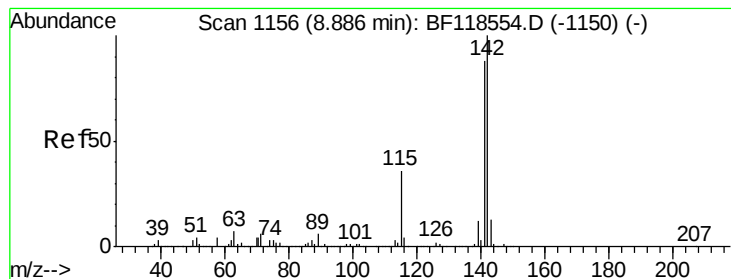
Tot Ion:113 Resp: 422547
Ion Ratio Lower Upper
113 100
55 156.2 137.3 177.3
56 119.7 99.7 139.7



#36
4-Chloro-3-methylphenol
Concen: 55.744 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:107 Resp: 1606064
Ion Ratio Lower Upper
107 100
144 27.9 21.2 31.8
142 82.7 64.4 96.6





#37

2-Methylnaphthalene

Concen: 52.683 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

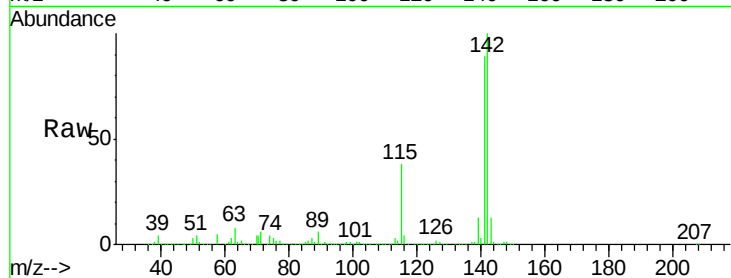
Tot Ion:142 Resp: 3335039

Ion Ratio Lower Upper

142 100

141 89.5 70.6 106.0

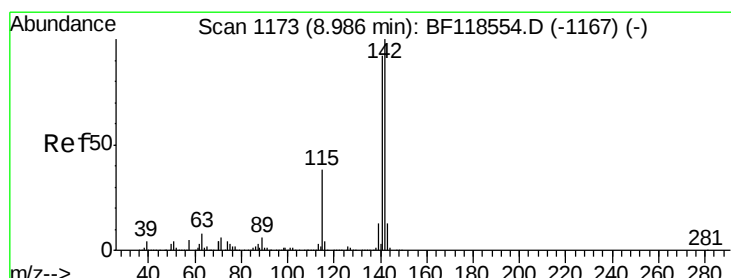
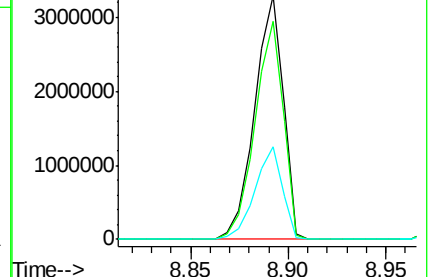
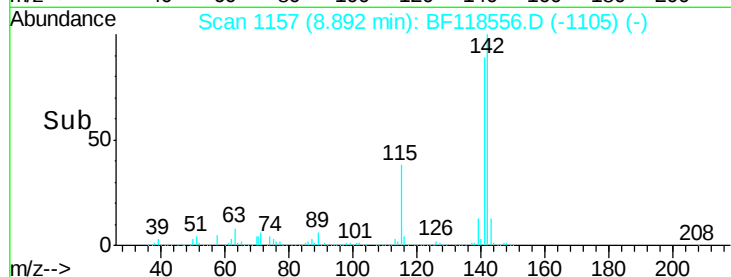
115 38.3 29.0 43.4



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: 52.783 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

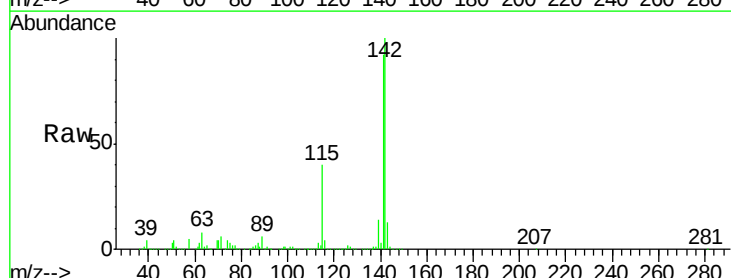
Tgt Ion:142 Resp: 3168366

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6

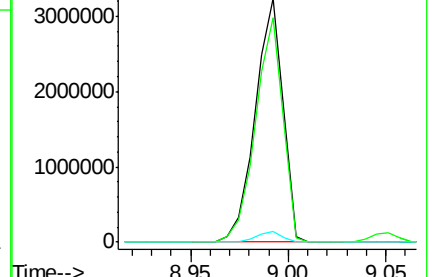
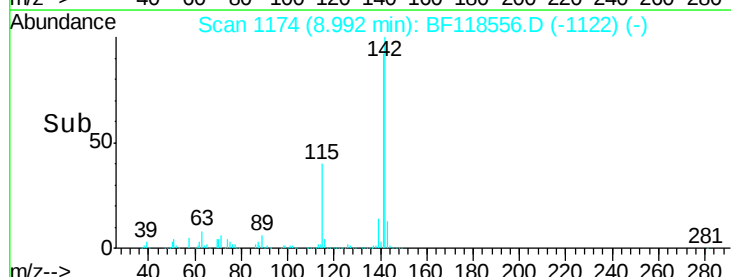
116 4.3 3.3 4.9

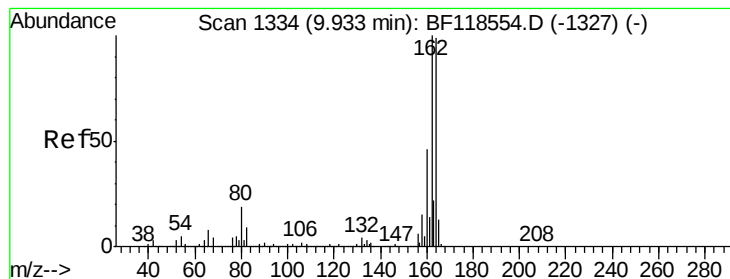


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

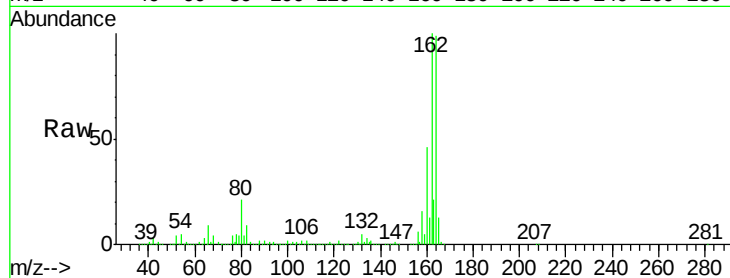
Tot Ion:164 Resp: 1039528

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

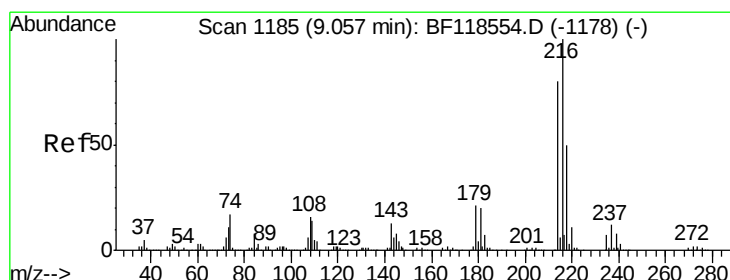
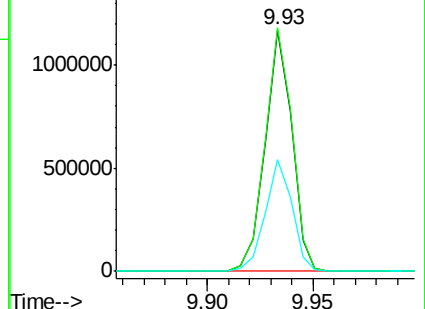
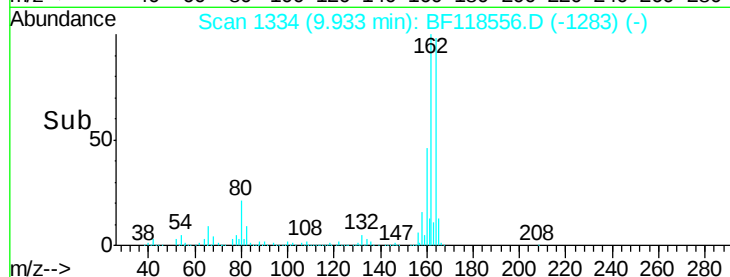
160 46.2 36.7 55.1



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: 58.144 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Tgt Ion:216 Resp: 1853436

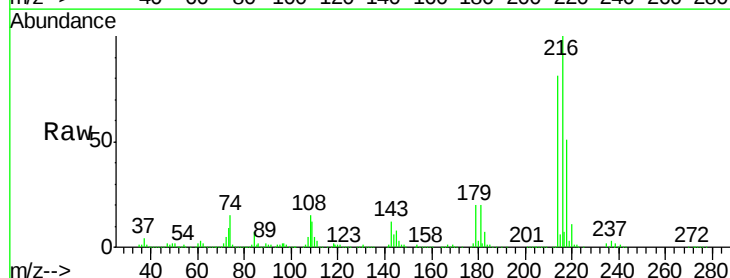
Ion Ratio Lower Upper

216 100

214 80.1 63.6 95.4

179 21.0 16.5 24.7

108 18.1 14.6 21.8

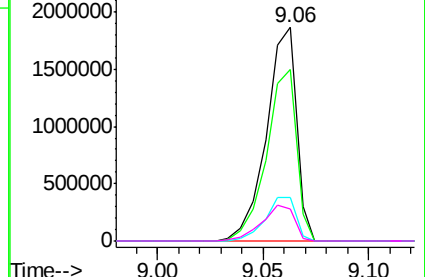
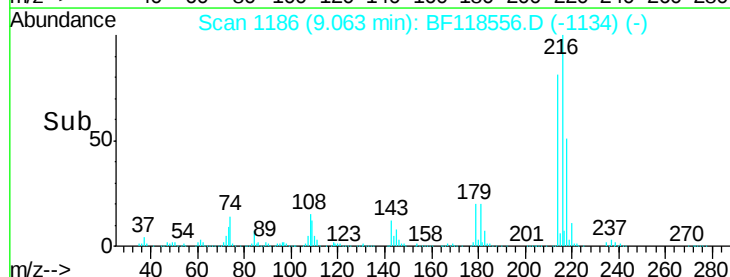


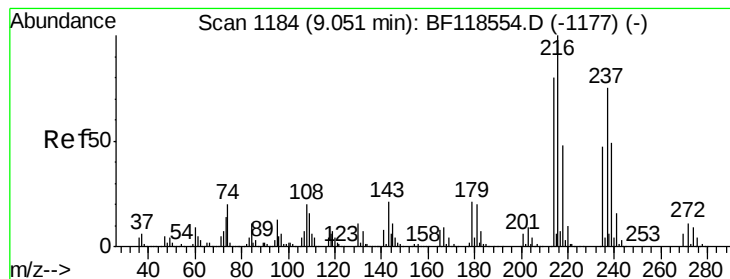
Abundance Ion 216.00 (215.70 to 216.70): E

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: 216.591 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

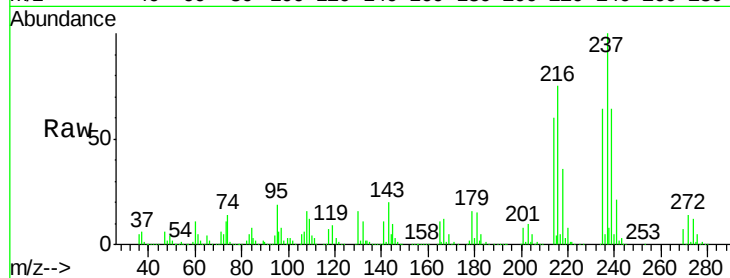
Tot Ion:237 Resp: 1043449

Ion Ratio Lower Upper

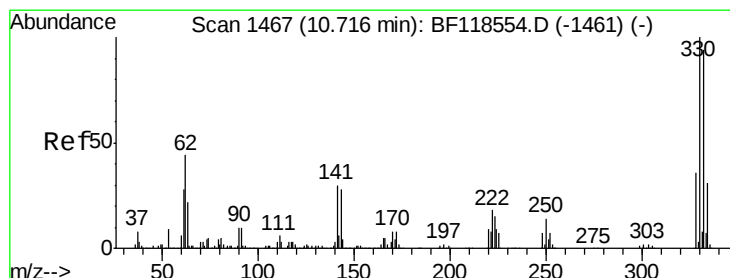
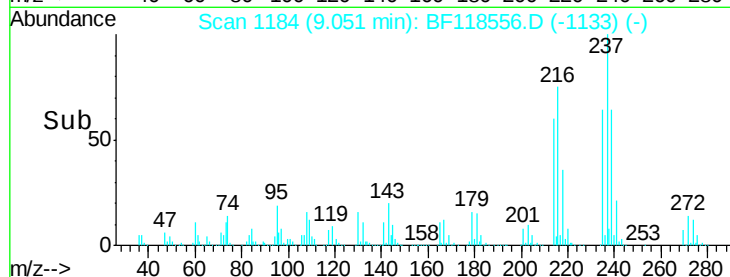
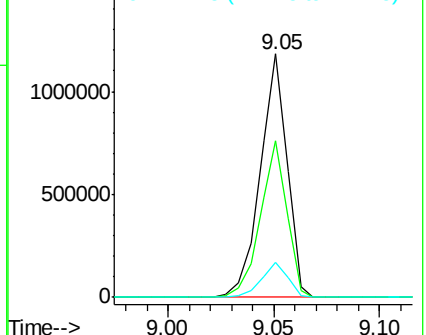
237 100

235 64.2 42.1 82.1

272 14.2 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: 104.571 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

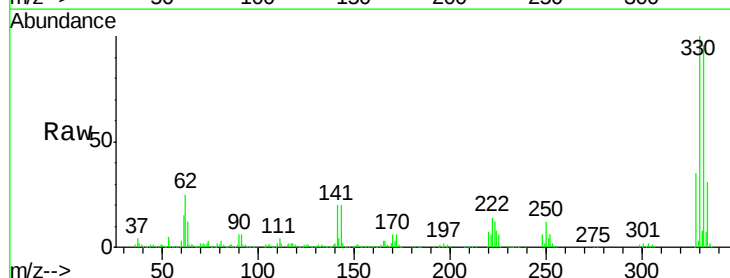
Tgt Ion:330 Resp: 1318522

Ion Ratio Lower Upper

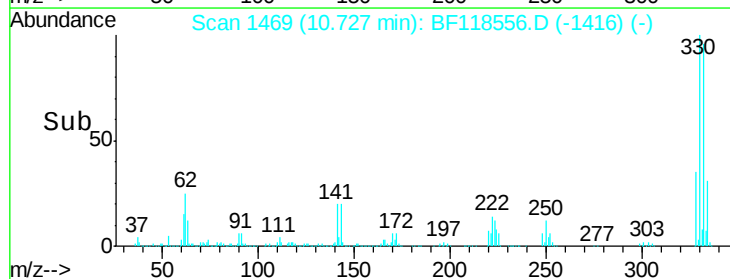
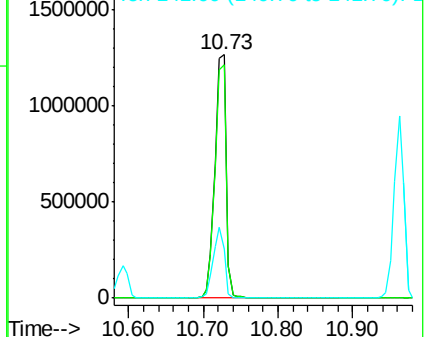
330 100

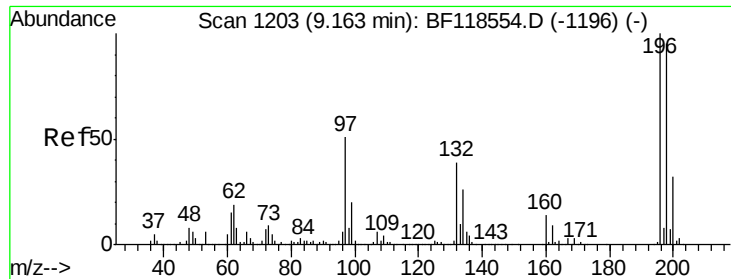
332 95.7 76.4 114.6

141 28.7 23.4 35.2



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

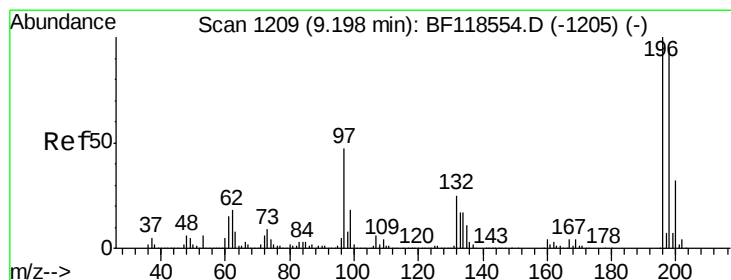
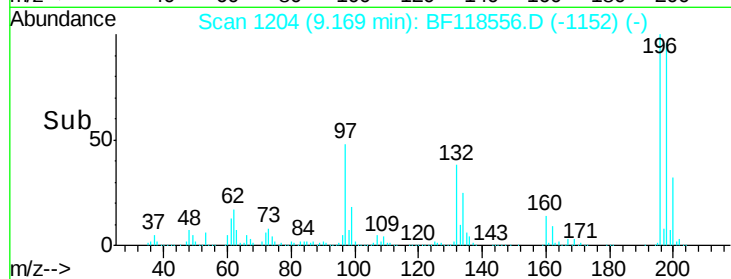
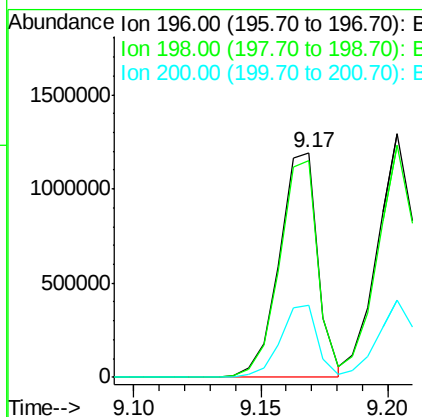
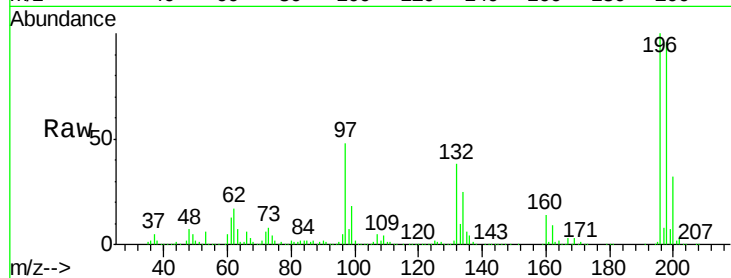




#43
 2,4,6-Trichlorophenol
 Concen: 60.877 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

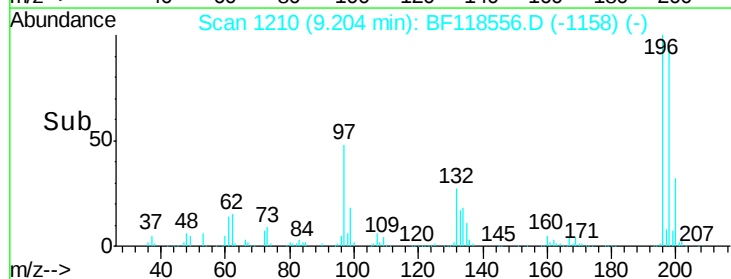
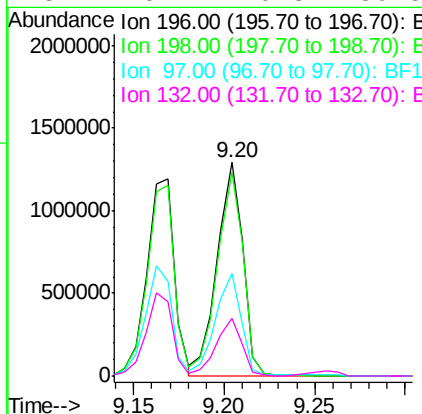
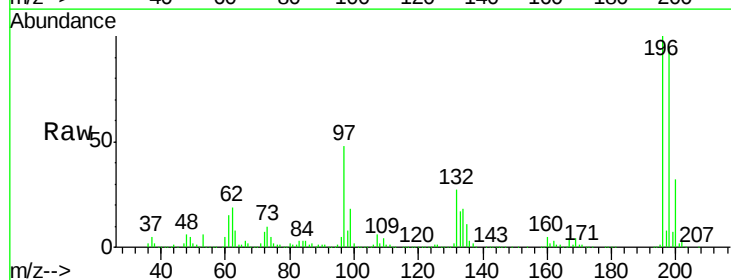
Instrument :
 BNA_F
 ClientSampleId :

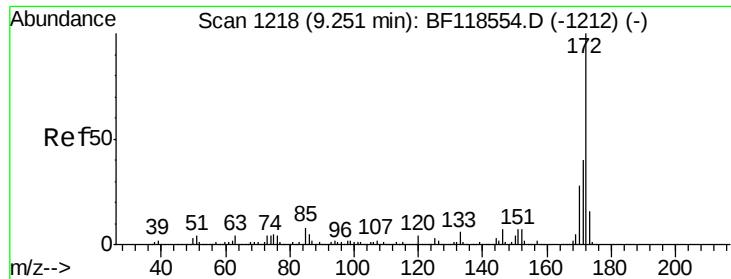
Tot Ion:196 Resp: 1256646
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.0 114.0
 200 32.1 25.4 38.0



#44
 2,4,5-Trichlorophenol
 Concen: 62.100 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

Tgt Ion:196 Resp: 1280170
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.2 114.4
 97 47.9 37.4 56.2
 132 26.7 20.3 30.5

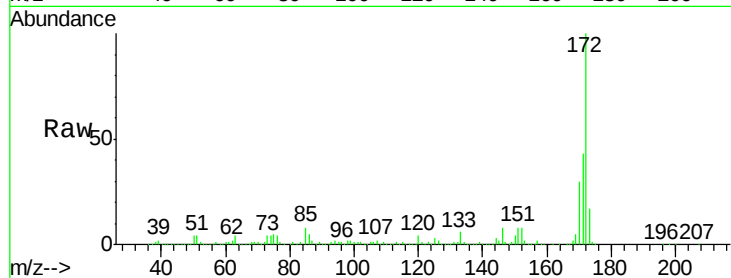




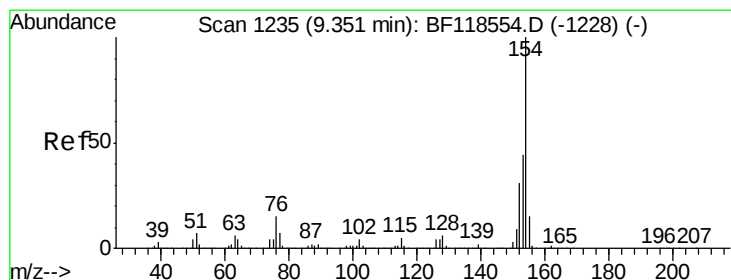
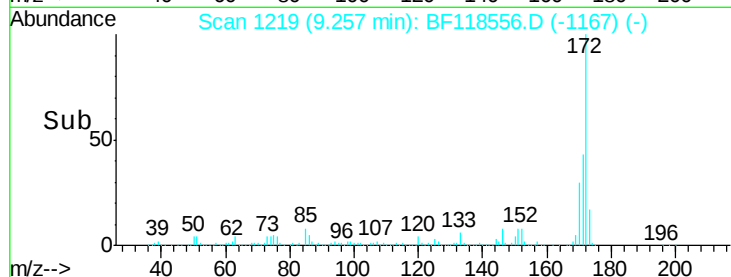
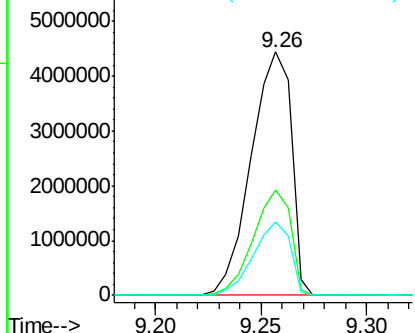
#45
2-Fluorobiphenyl
Concen: 91.043 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 5867264
Ion Ratio Lower Upper
172 100
171 43.2 32.4 48.6
170 30.0 22.5 33.7

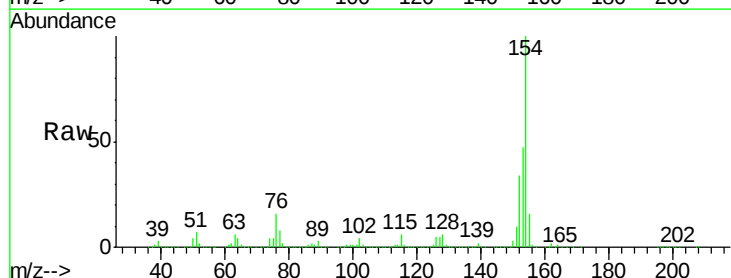


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

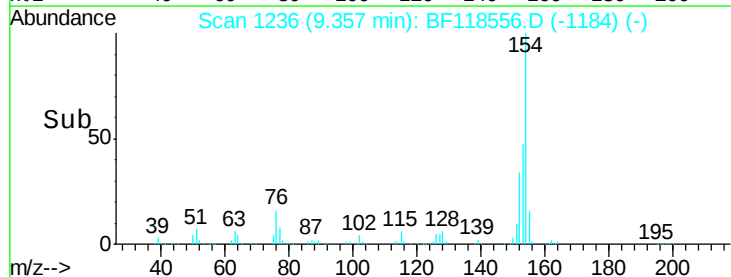
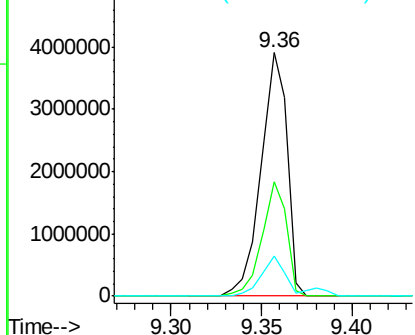


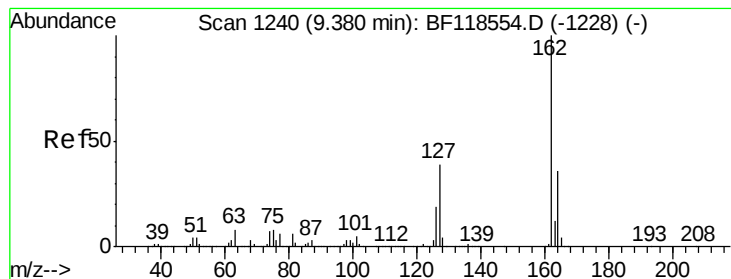
#46
1,1'-Biphenyl
Concen: 47.620 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:154 Resp: 3922353
Ion Ratio Lower Upper
154 100
153 46.9 23.7 63.7
76 16.3 0.0 35.2



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





#47

2-Chloronaphthalene

Concen: 51.655 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

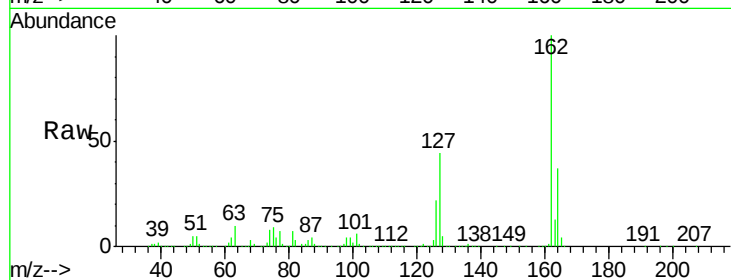
Tot Ion:162 Resp: 3416130

Ion Ratio Lower Upper

162 100

127 43.8 31.0 46.4

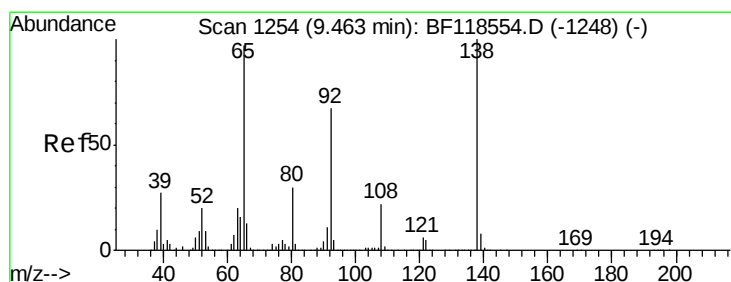
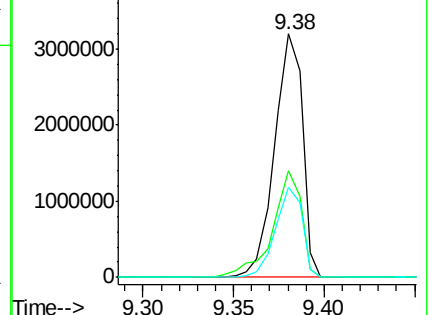
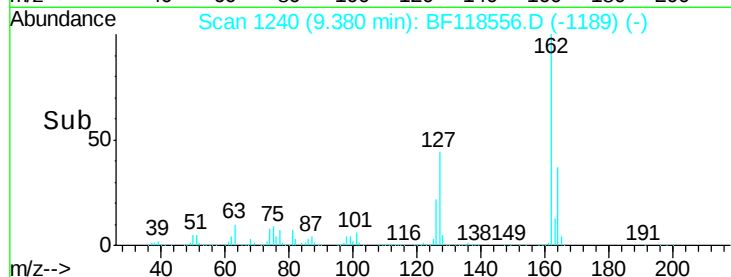
164 37.1 28.6 42.8



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: 60.009 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

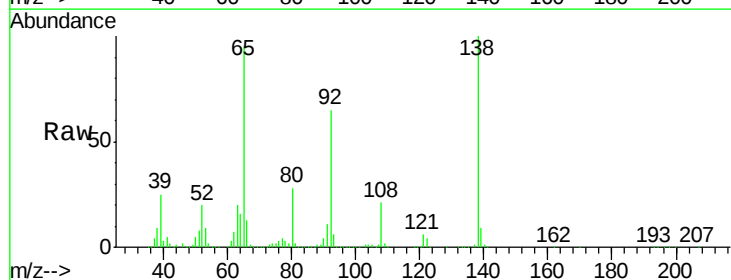
Tgt Ion: 65 Resp: 1065832

Ion Ratio Lower Upper

65 100

92 68.9 55.3 82.9

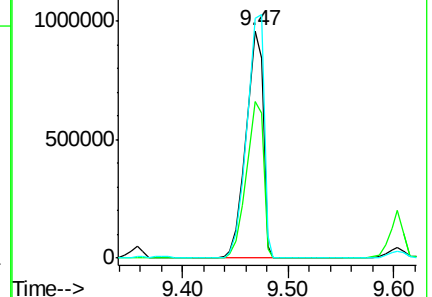
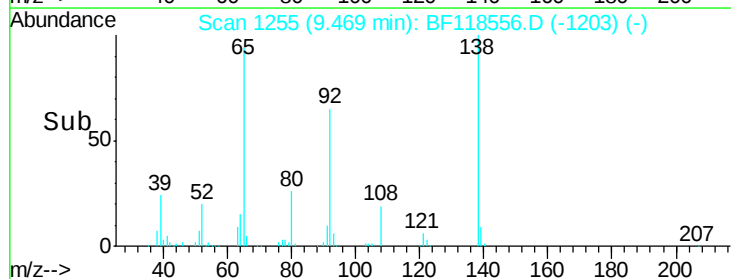
138 105.3 82.9 124.3

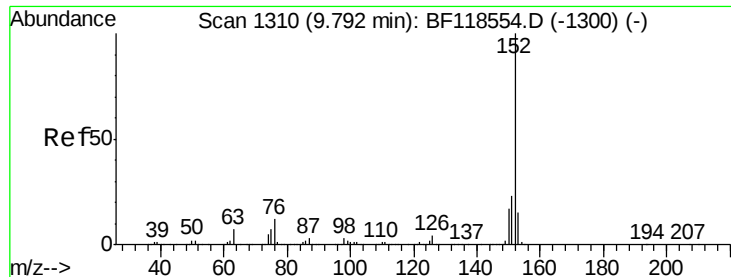


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.385 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampled :

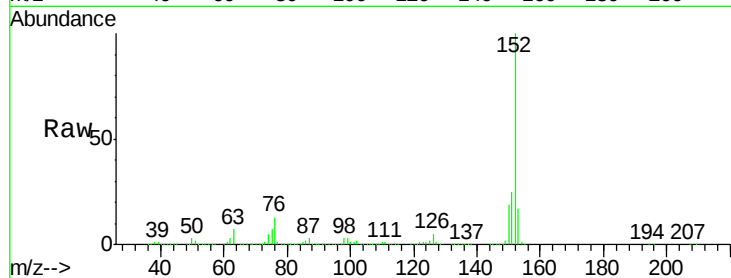
Tot Ion:152 Resp: 4662549

Ion Ratio Lower Upper

152 100

151 25.5 18.6 27.8

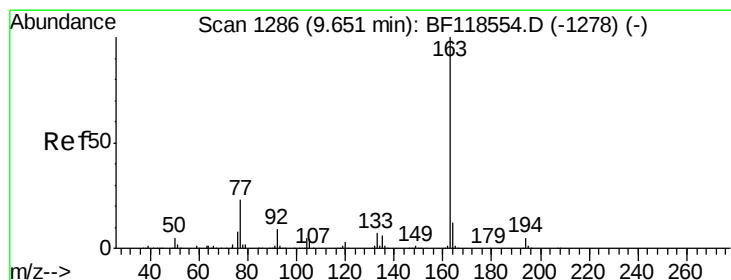
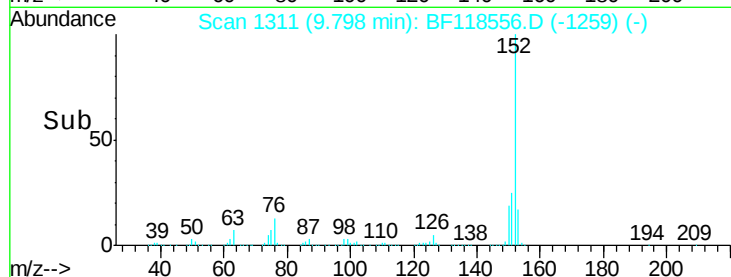
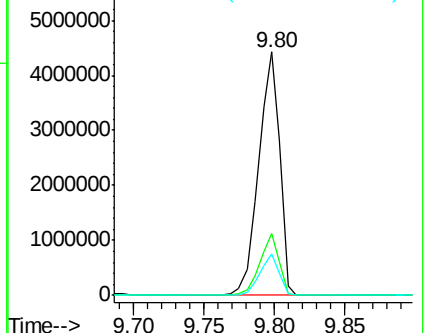
153 17.1 12.3 18.5



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: 50.550 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

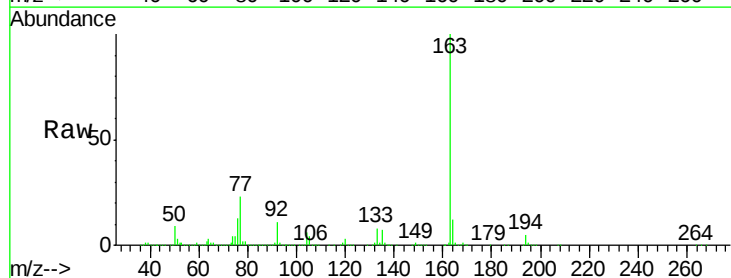
Tgt Ion:163 Resp: 3878519

Ion Ratio Lower Upper

163 100

194 5.4 3.8 5.8

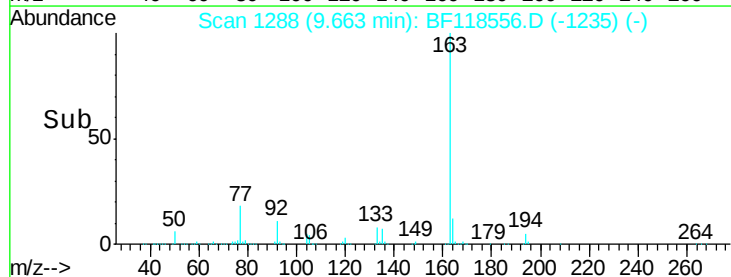
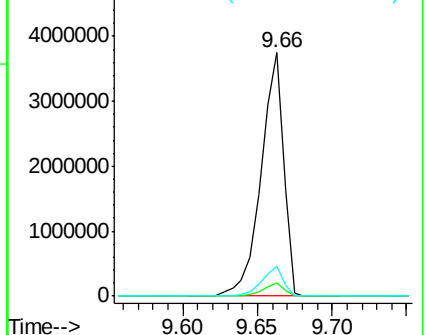
164 12.3 9.3 13.9

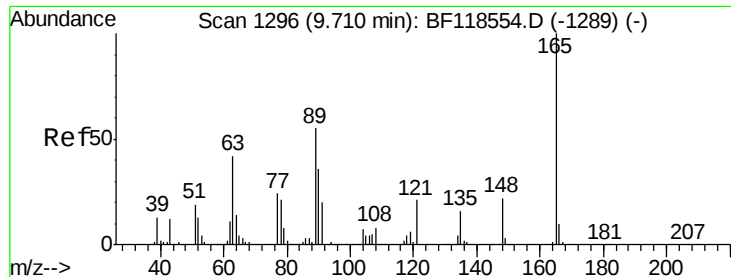


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

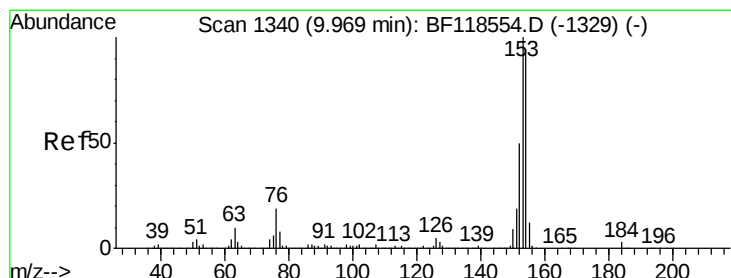
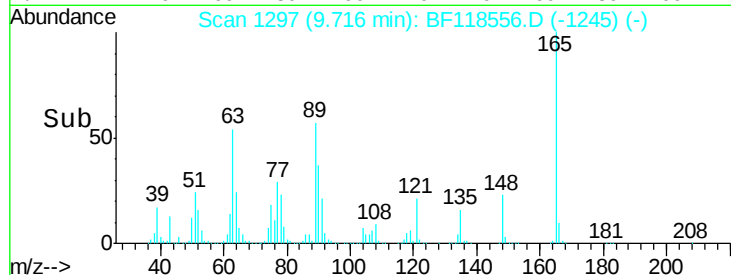
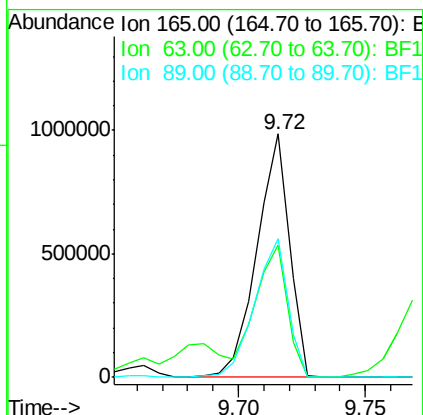
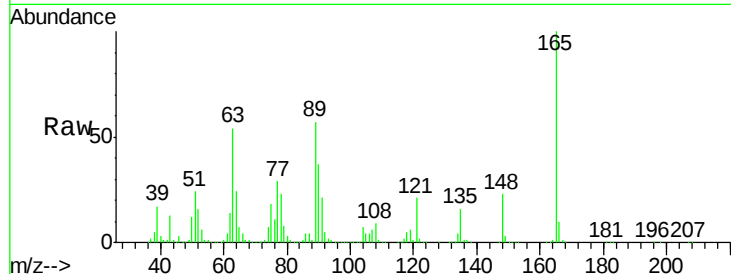




#51
 2,6-Dinitrotoluene
 Concen: 52.422 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

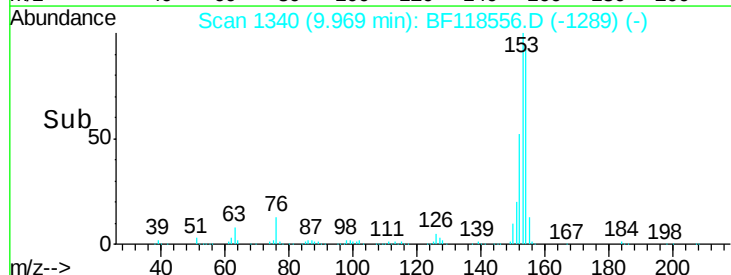
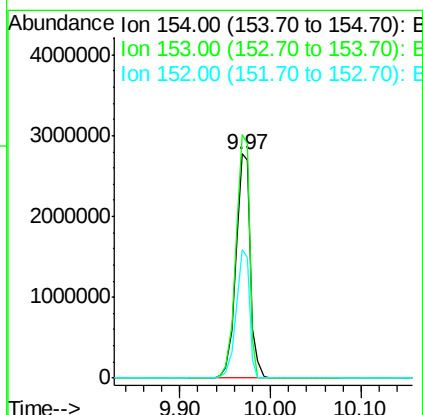
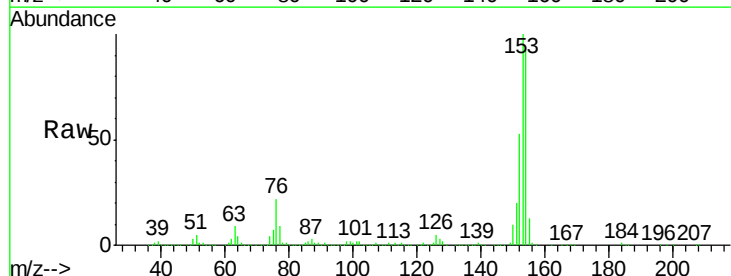
Instrument :
 BNA_F
 ClientSampleId :

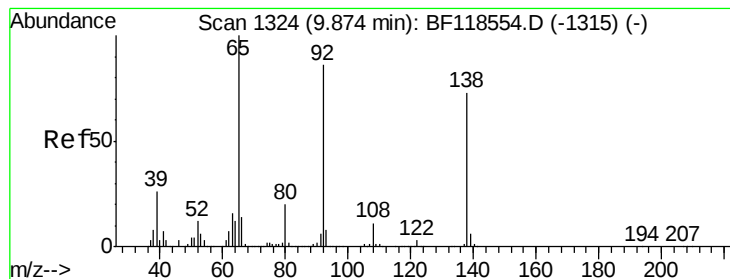
Tot Ion:165 Resp: 884375
 Ion Ratio Lower Upper
 165 100
 63 54.2 41.9 62.9
 89 56.9 44.0 66.0



#52
 Acenaphthene
 Concen: 52.674 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

Tgt Ion:154 Resp: 3122973
 Ion Ratio Lower Upper
 154 100
 153 108.6 87.0 130.4
 152 57.3 43.8 65.8





#53

3-Nitroaniline

Concen: 50.014 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

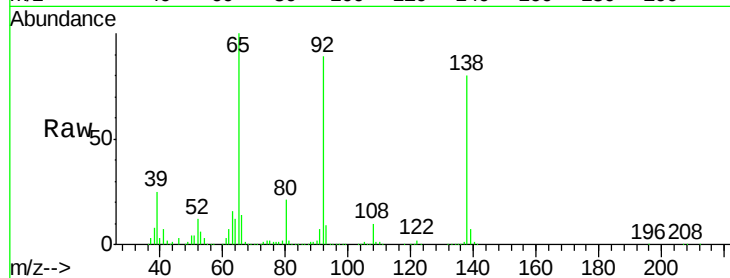
Tot Ion:138 Resp: 975937

Ion Ratio Lower Upper

138 100

108 12.1 12.2 18.4#

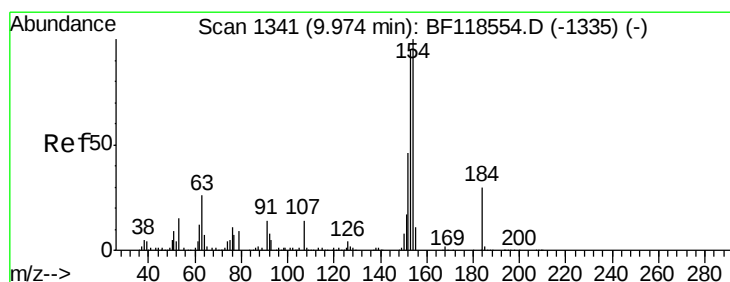
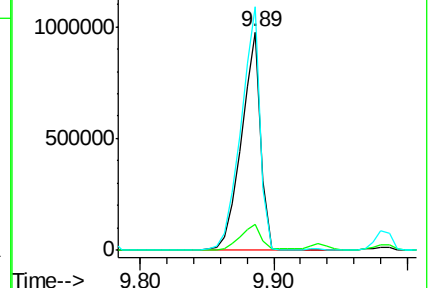
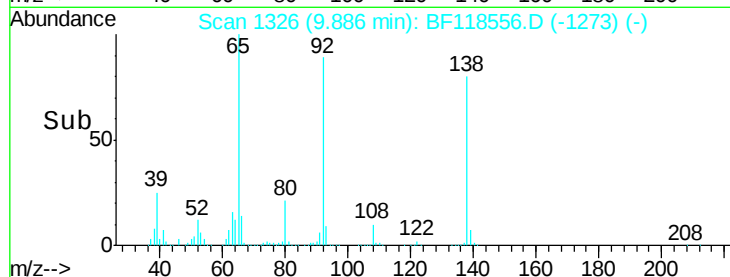
92 111.4 94.2 141.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 50.173 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

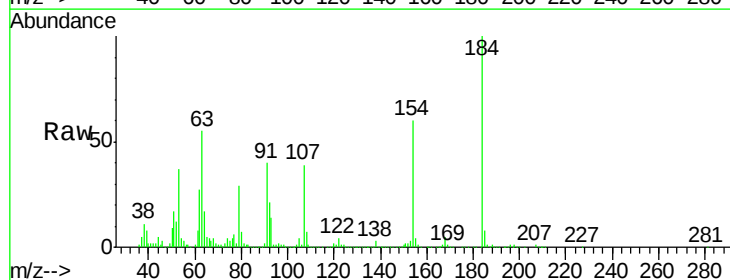
Tgt Ion:184 Resp: 316127

Ion Ratio Lower Upper

184 100

63 55.1 69.4 104.0#

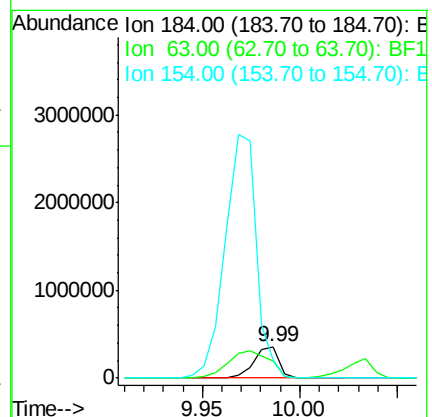
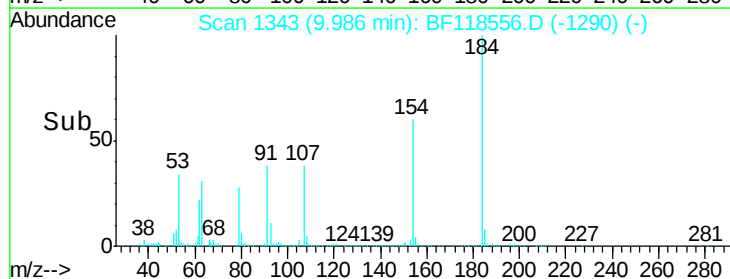
154 59.9 268.5 402.7#

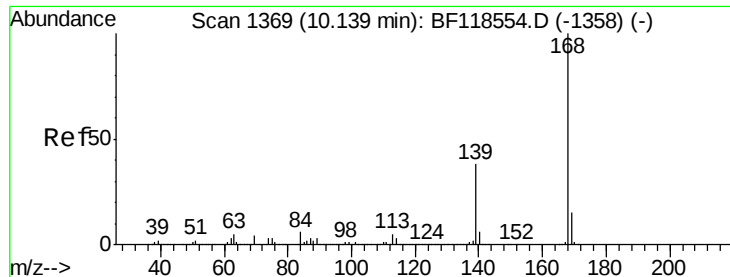


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

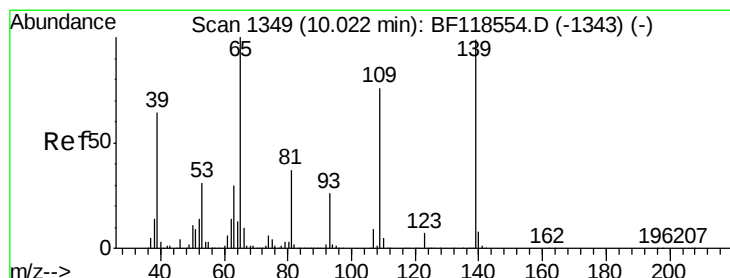
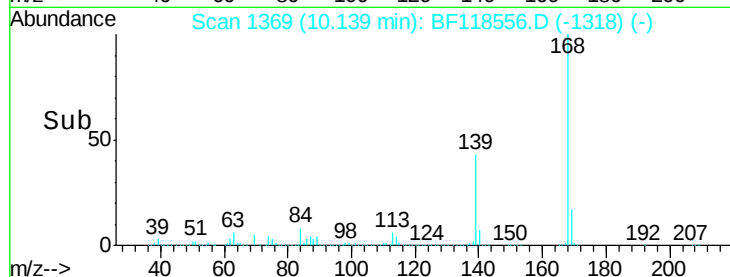
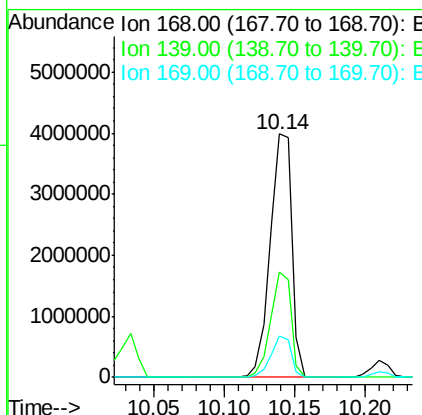
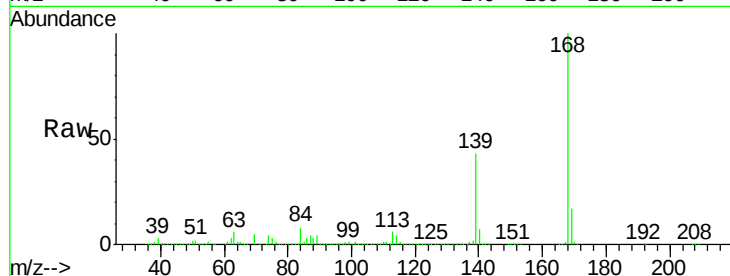




#55
Dibenzenofuran
Concen: 50.092 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

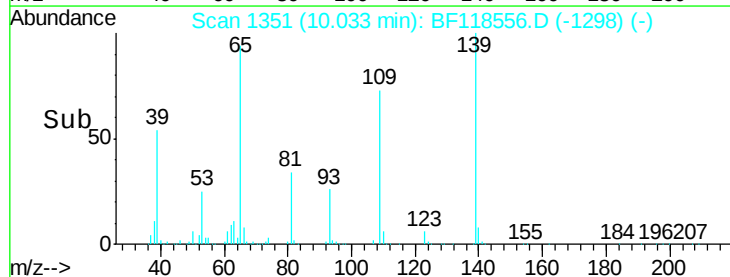
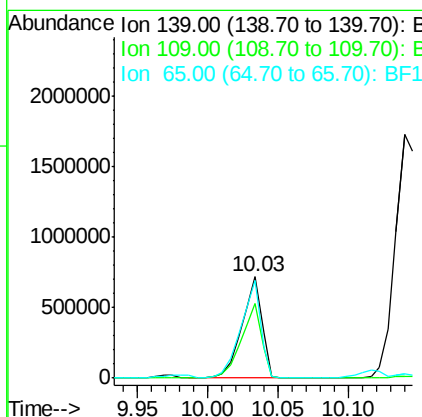
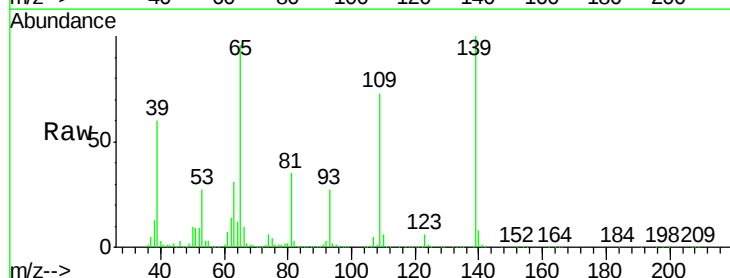
Instrument :
BNA_F
ClientSampleId :

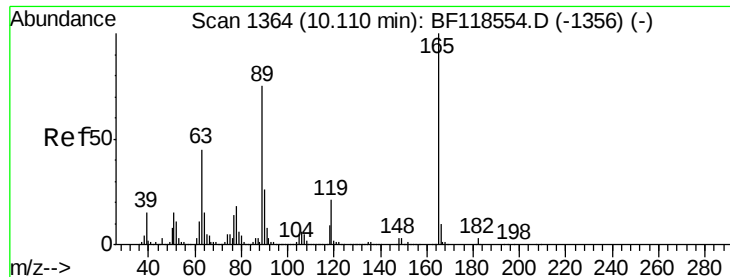
Tot Ion:168 Resp: 4309335
Ion Ratio Lower Upper
168 100
139 43.3 30.6 46.0
169 16.8 11.9 17.9



#56
4-Nitrophenol
Concen: 79.726 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:139 Resp: 713077
Ion Ratio Lower Upper
139 100
109 73.0 56.9 96.9
65 96.5 81.7 121.7

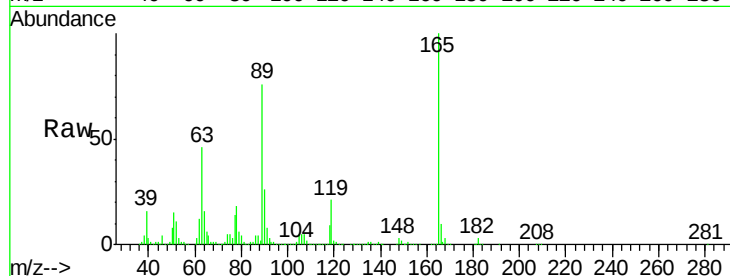




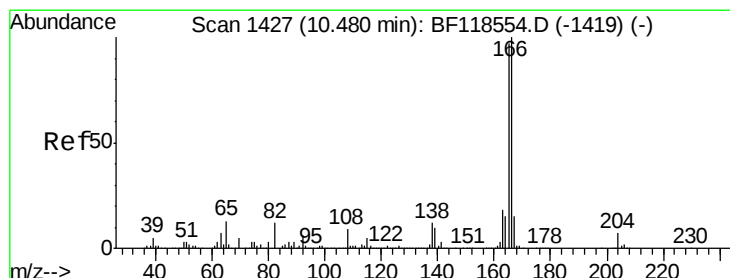
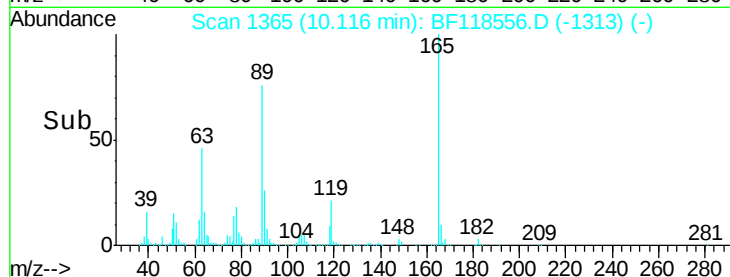
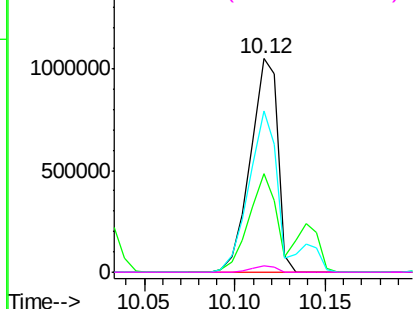
#57
2,4-Dinitrotoluene
Concen: 51.190 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 1103870
Ion Ratio Lower Upper
165 100
63 46.1 35.8 53.6
89 75.7 59.9 89.9
182 2.8 2.2 3.2

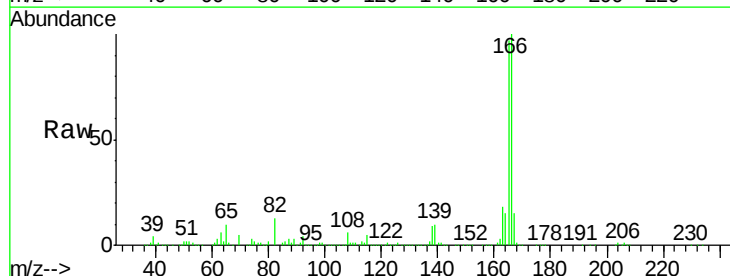


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

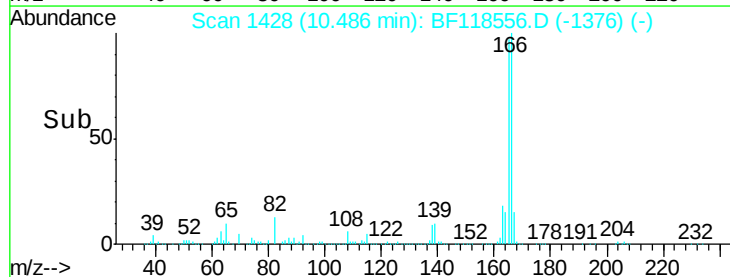
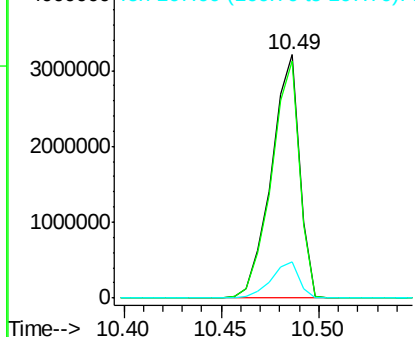


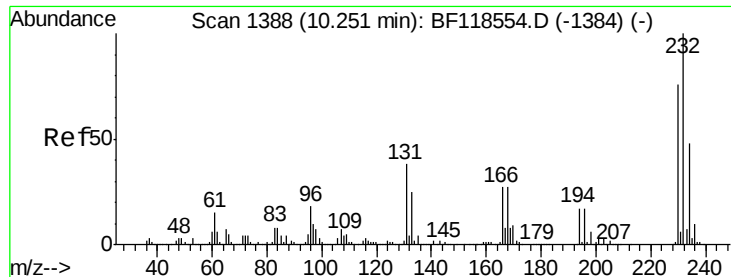
#58
Fluorene
Concen: 45.943 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:166 Resp: 3210616
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.8
167 14.9 11.7 17.5



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

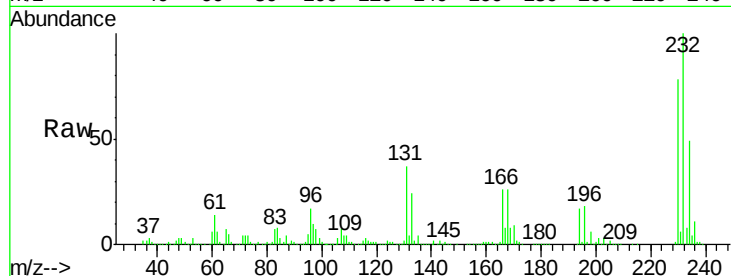




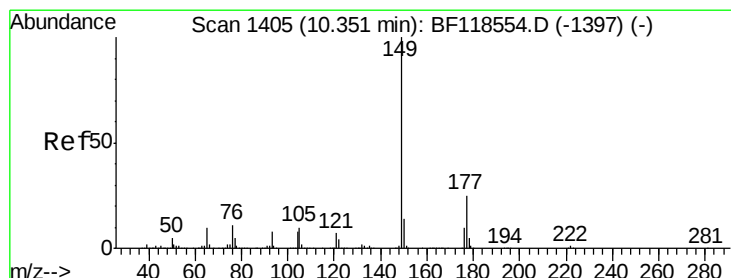
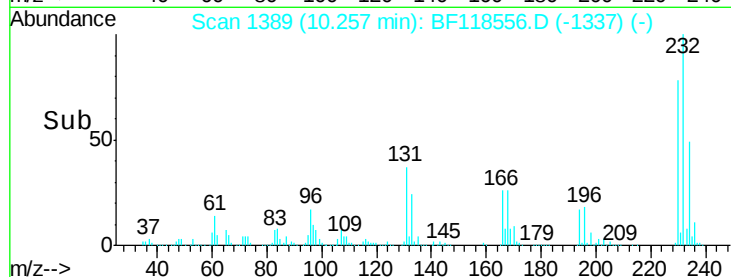
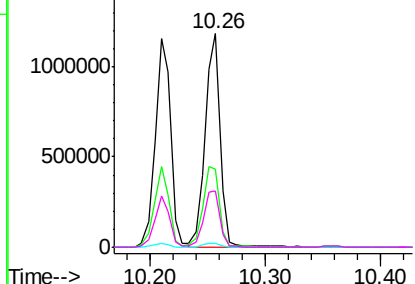
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.702 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 1073872
Ion Ratio Lower Upper
232 100
131 41.5 32.3 48.5
130 2.2 1.7 2.5
166 28.7 22.2 33.2

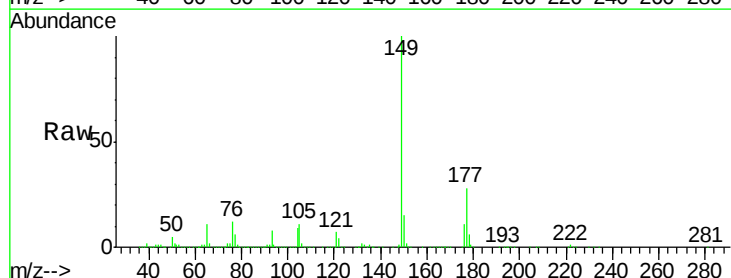


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

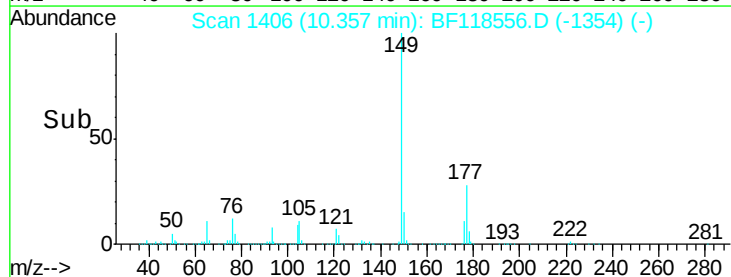
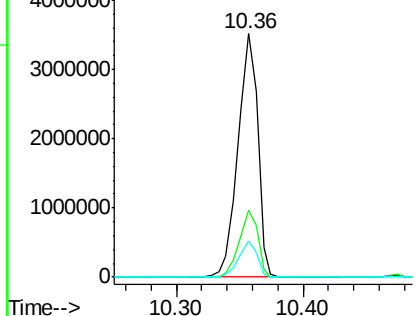


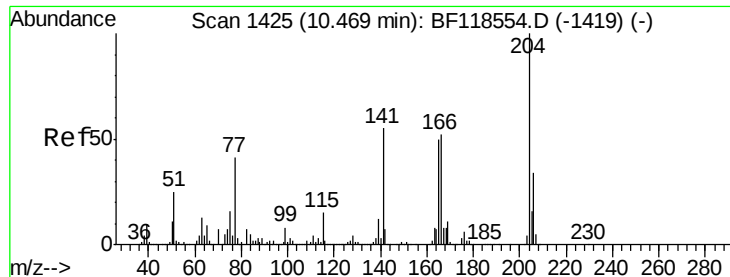
#60
Diethylphthalate
Concen: 48.825 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:149 Resp: 3732693
Ion Ratio Lower Upper
149 100
177 27.8 20.2 30.4
150 14.8 11.0 16.4



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: 51.550 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampled :

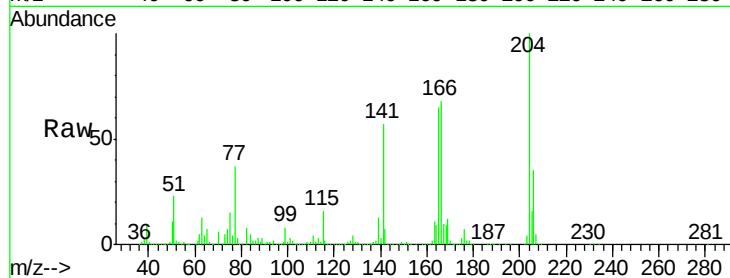
Tot Ion:204 Resp: 1812429

Ion Ratio Lower Upper

204 100

206 35.3 27.1 40.7

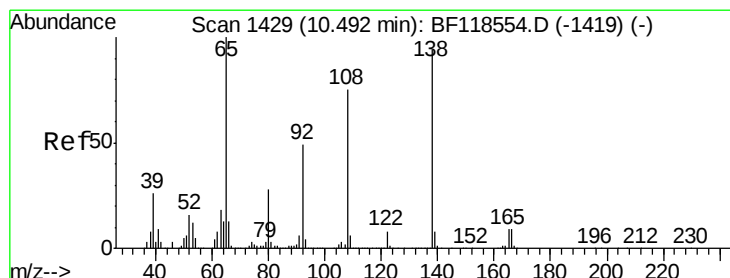
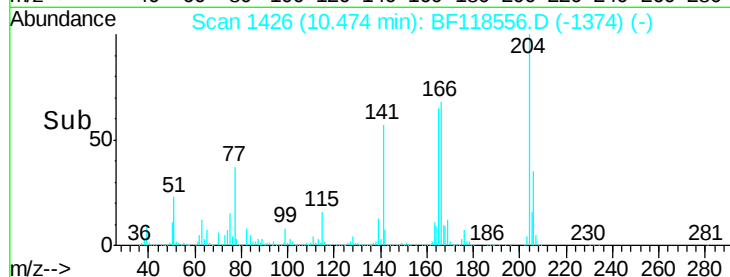
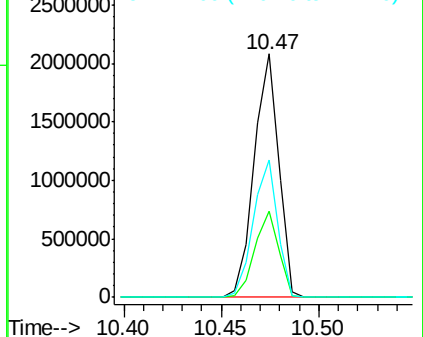
141 56.6 44.4 66.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 48.947 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

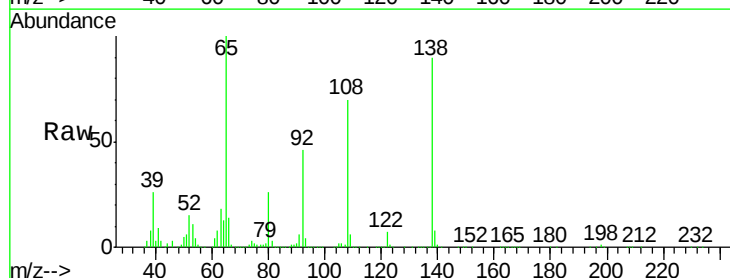
Tgt Ion:138 Resp: 943164

Ion Ratio Lower Upper

138 100

92 50.9 31.7 71.7

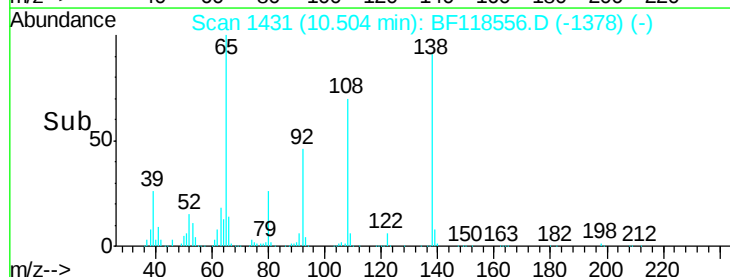
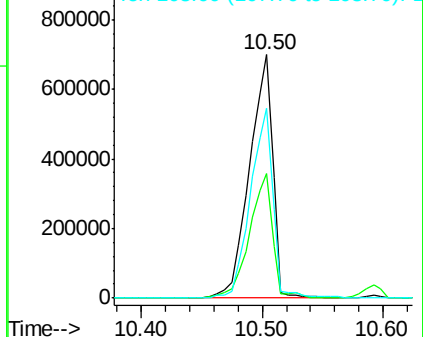
108 78.0 59.6 99.6

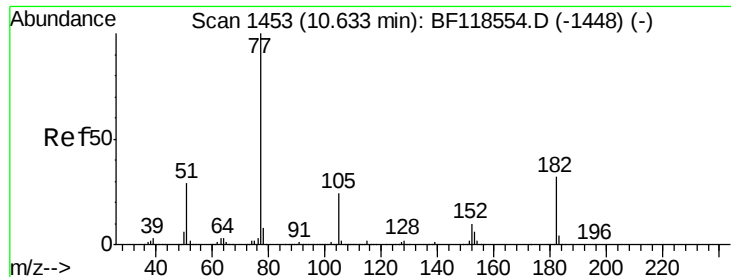


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 57.045 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 3612265

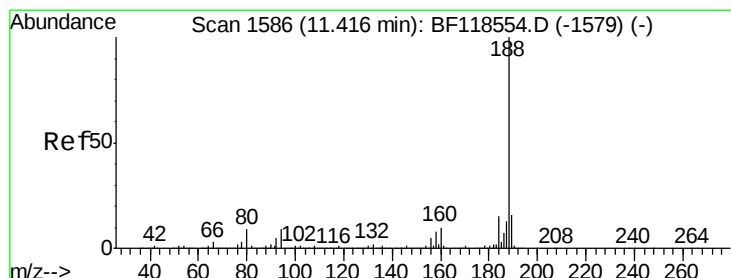
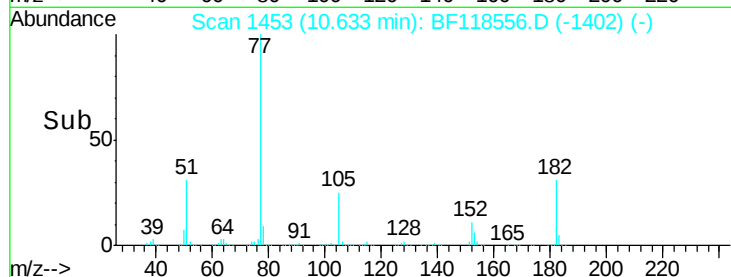
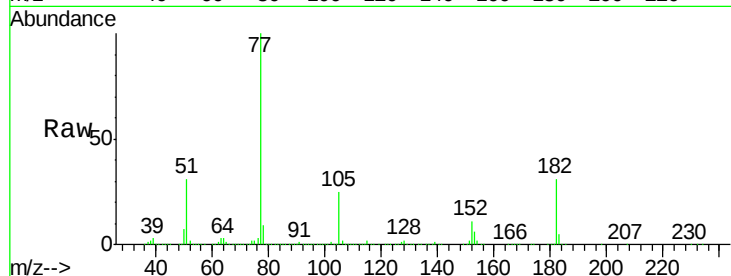
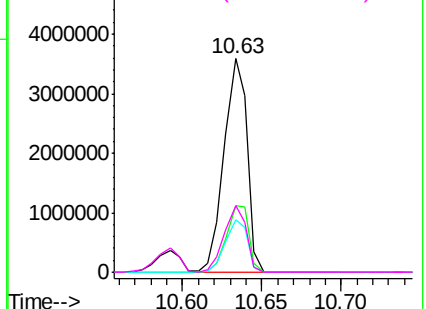
Ion	Ratio	Lower	Upper
77	100		
182	31.1	11.7	51.7
105	24.7	3.6	43.6
51	31.4	9.0	49.0

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

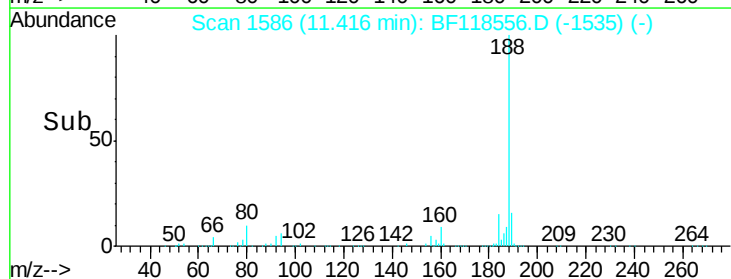
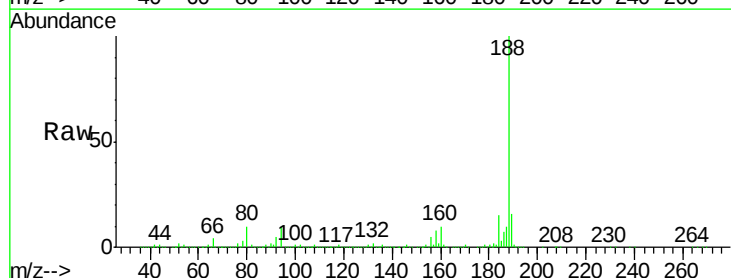
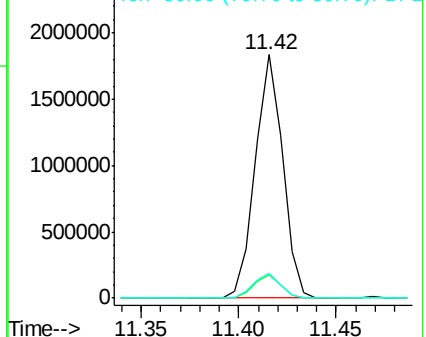
Tgt Ion: 188 Resp: 1791744

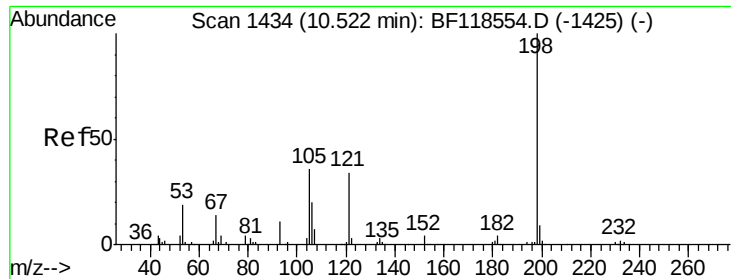
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.4
80	10.4	7.4	11.2

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

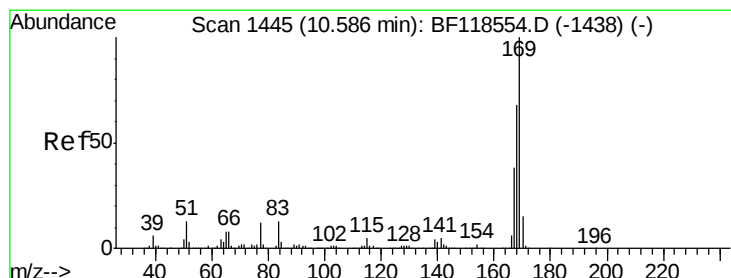
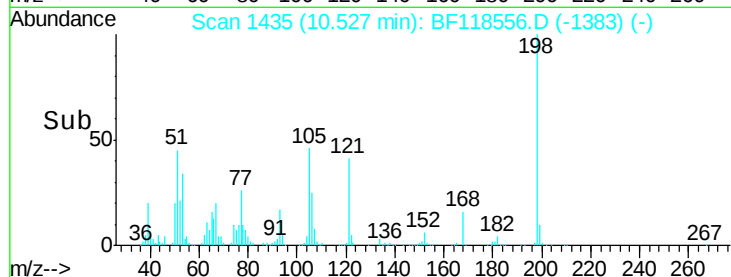
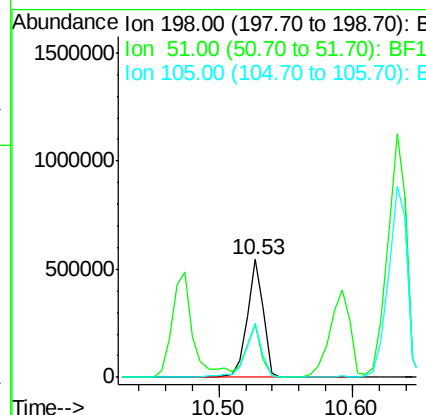
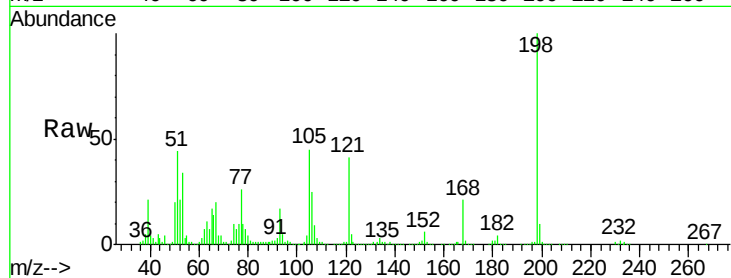




#65
4,6-Dinitro-2-methylphenol
Concen: 48.264 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

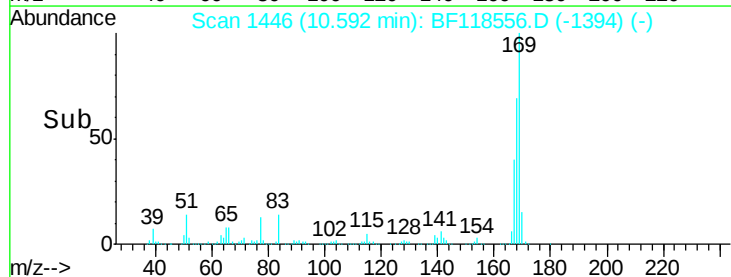
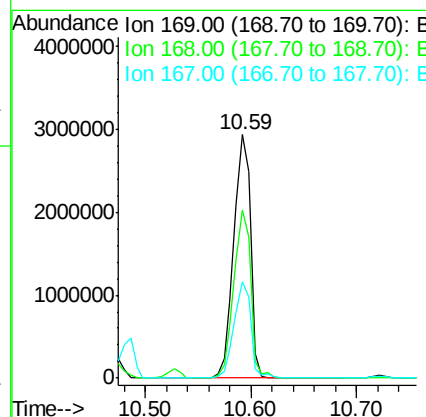
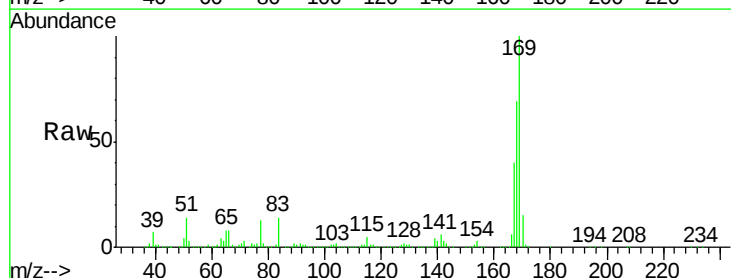
Instrument :
BNA_F
ClientSampled :

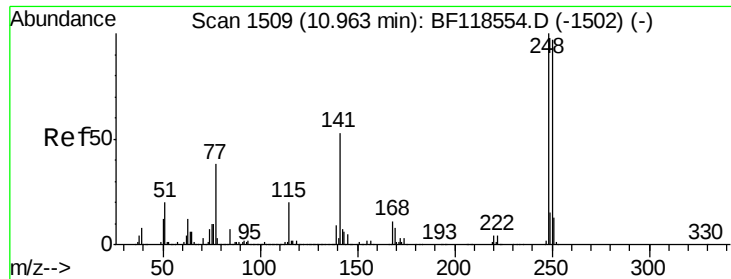
Tot Ion:198 Resp: 456306
Ion Ratio Lower Upper
198 100
51 44.5 13.2 53.2
105 45.5 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 54.431 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:169 Resp: 3202015
Ion Ratio Lower Upper
169 100
168 68.8 54.2 81.4
167 39.8 30.5 45.7

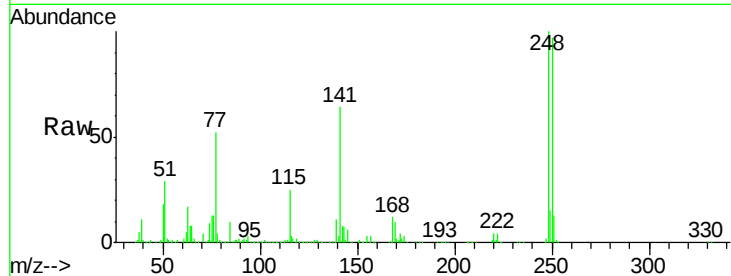




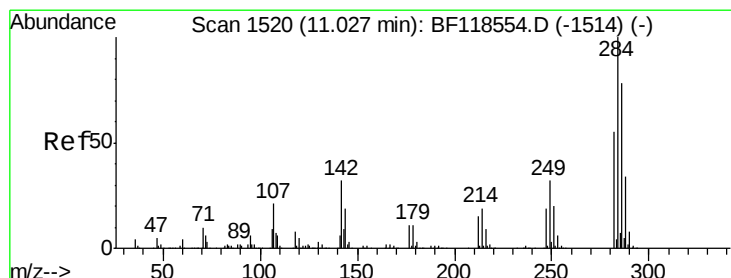
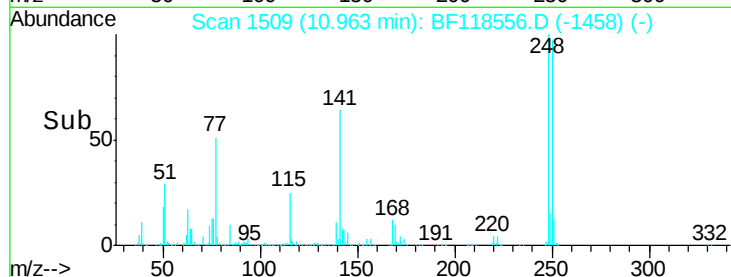
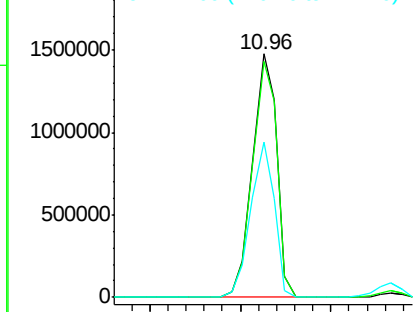
#67
4-Bromophenyl-phenylether
Concen: 63.442 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 1370287
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 64.0 42.7 64.1

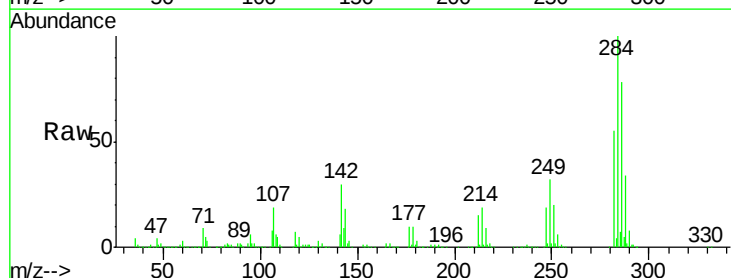


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

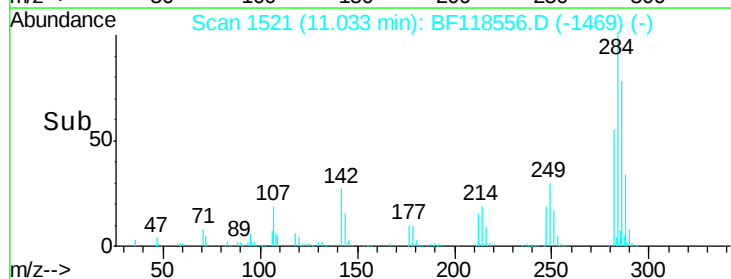
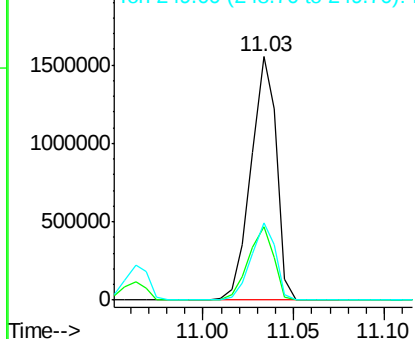


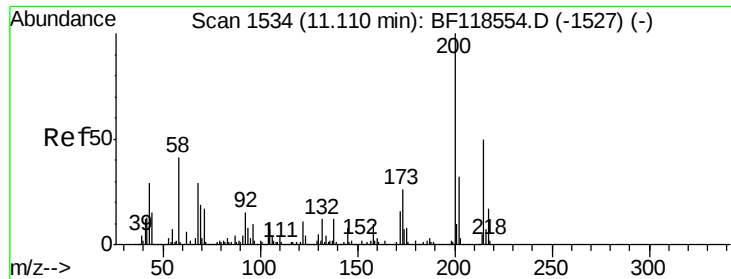
#68
Hexachlorobenzene
Concen: 59.083 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:284 Resp: 1513096
Ion Ratio Lower Upper
284 100
142 30.0 25.6 38.4
249 31.7 25.6 38.4



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

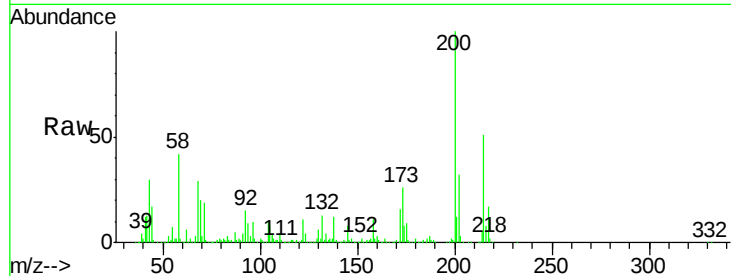




#69
Atrazine
Concen: 57.560 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.8	45.8
215	51.1	29.8	69.8

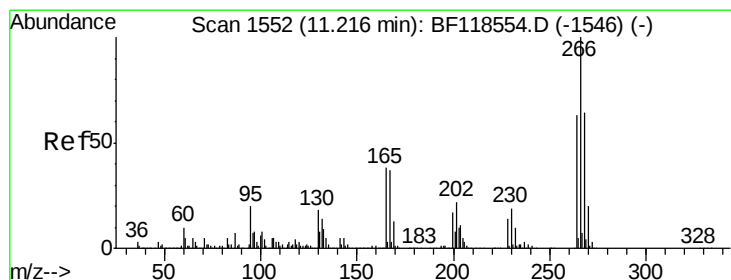
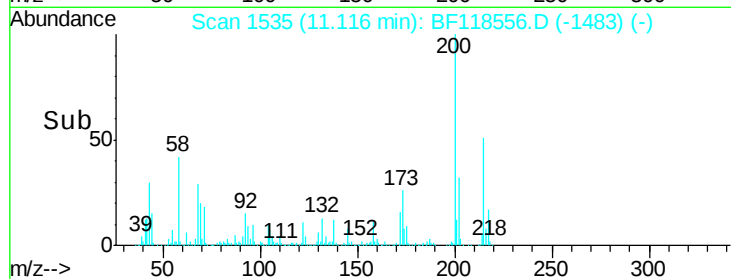
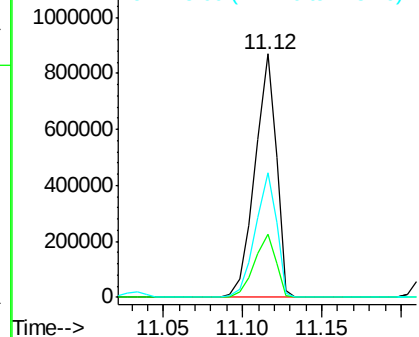


Abundance

Ion 200.00 (199.70 to 200.70): E

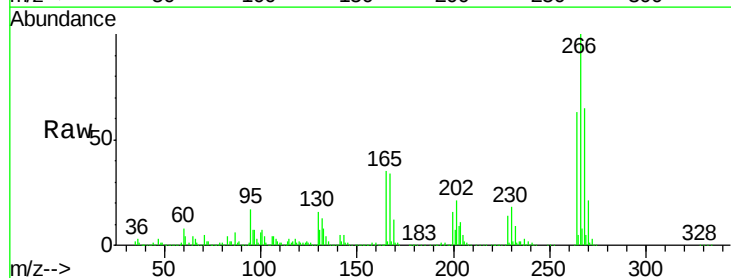
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 114.293 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.0	76.4
264	62.8	50.5	75.7

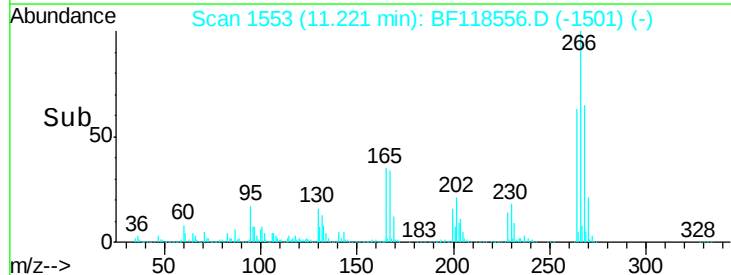
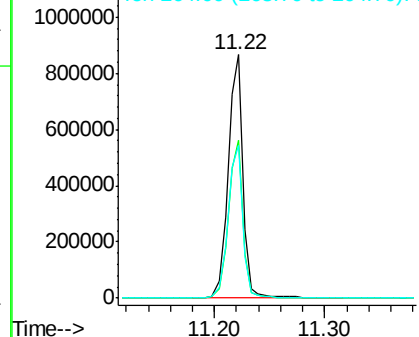


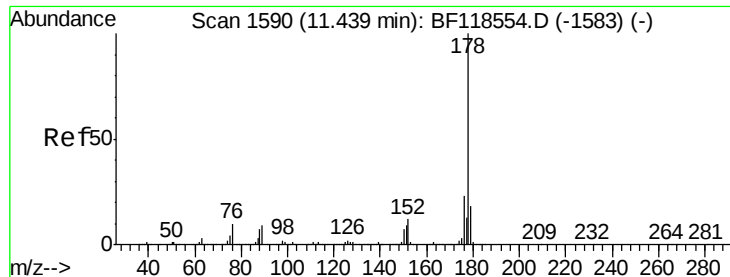
Abundance

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

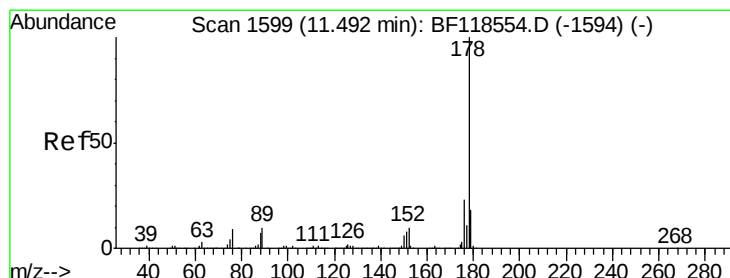
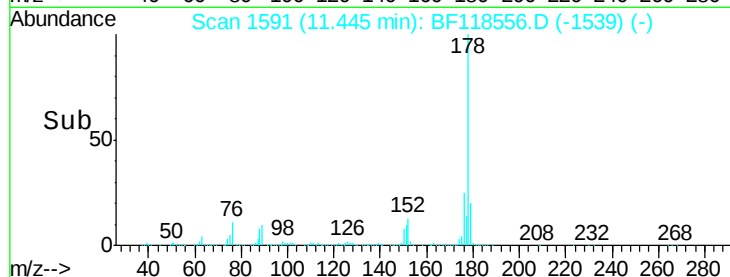
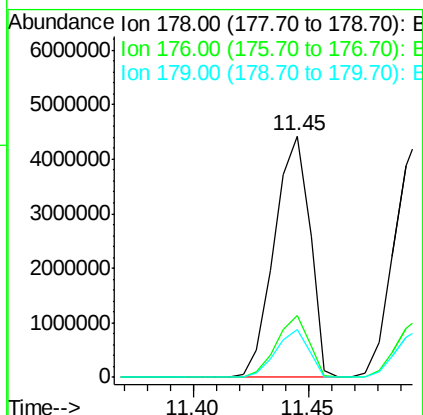
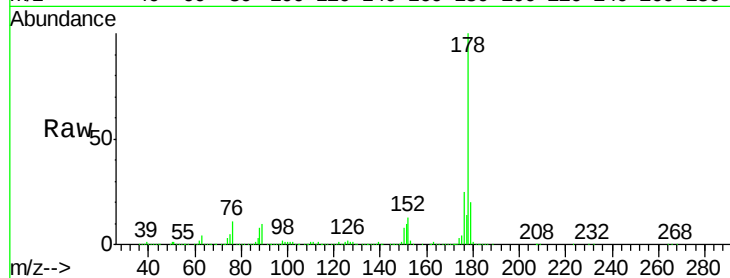




#71
Phenanthrene
Concen: 48.947 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

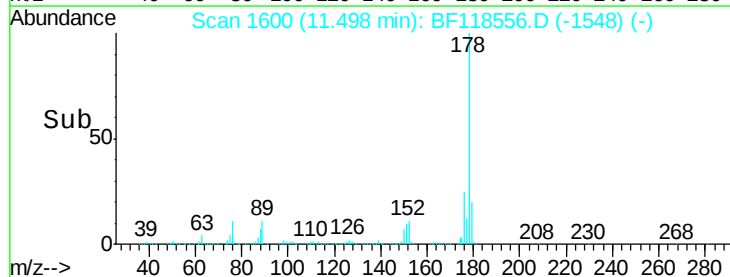
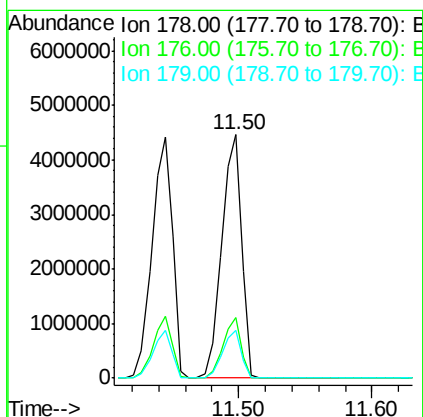
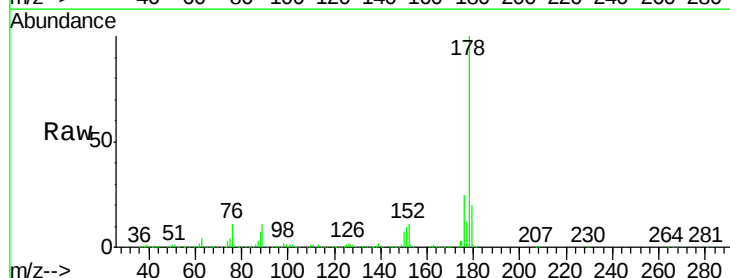
Instrument :
BNA_F
ClientSampled :

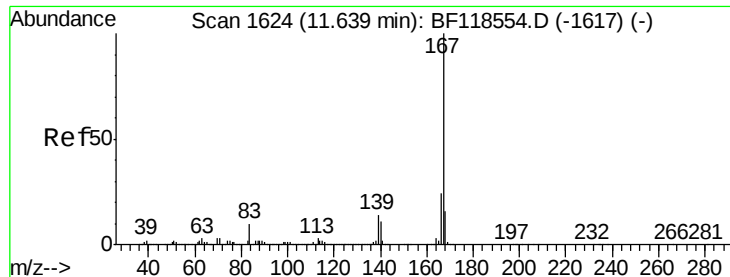
Tot Ion:178 Resp: 4721025
Ion Ratio Lower Upper
178 100
176 25.4 18.6 28.0
179 19.7 14.6 22.0



#72
Anthracene
Concen: 48.931 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:178 Resp: 4703859
Ion Ratio Lower Upper
178 100
176 24.6 18.1 27.1
179 19.8 14.7 22.1

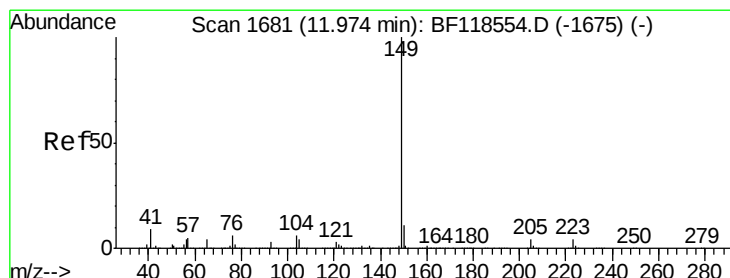
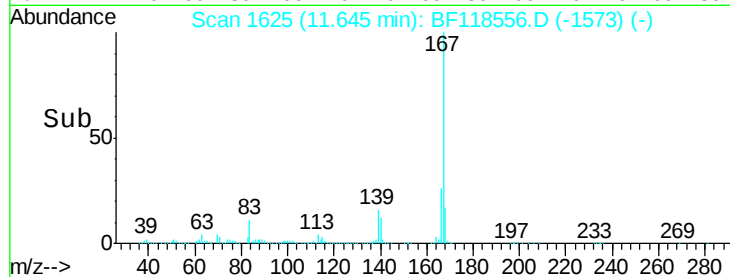
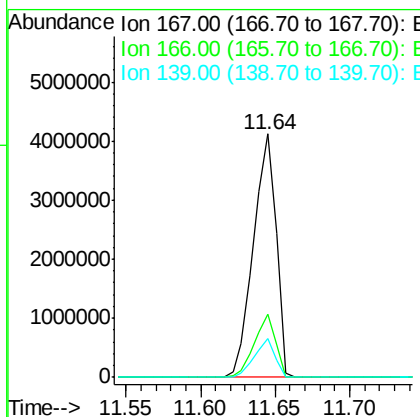
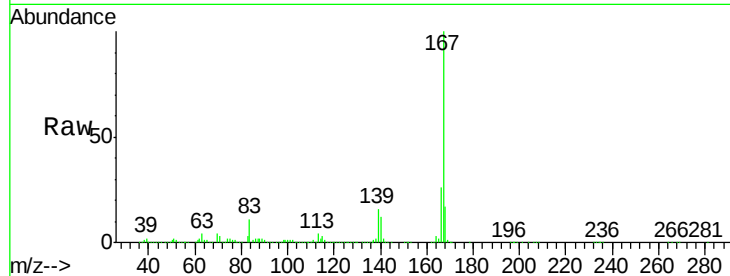




#73
 Carbazole
 Concen: 50.197 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

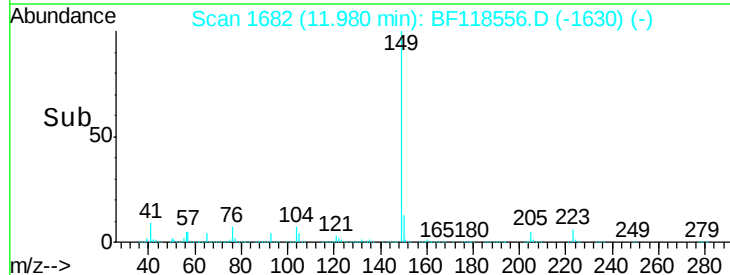
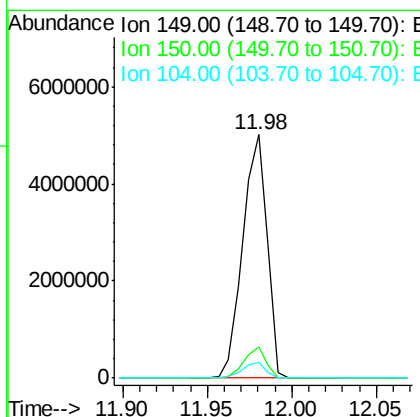
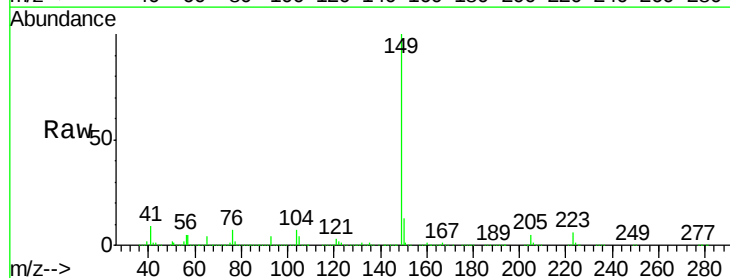
Instrument :
 BNA_F
 ClientSampleId :

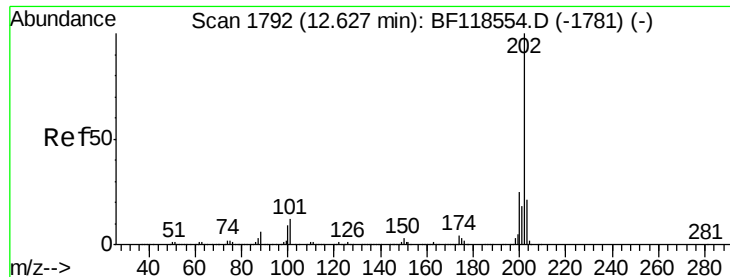
Tot Ion:167 Resp: 4311072
 Ion Ratio Lower Upper
 167 100
 166 26.1 19.5 29.3
 139 16.0 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 45.527 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.01 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

Tgt Ion:149 Resp: 5057110
 Ion Ratio Lower Upper
 149 100
 150 12.6 9.0 13.6
 104 6.7 5.0 7.4





#75

Fluoranthene

Concen: 50.834 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

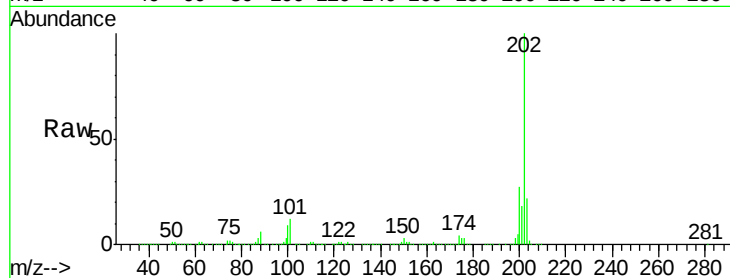
Tot Ion:202 Resp: 4897969

Ion Ratio Lower Upper

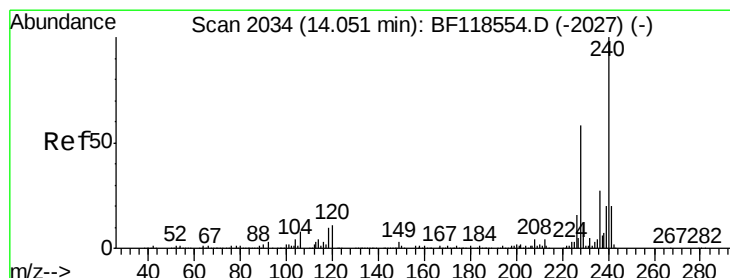
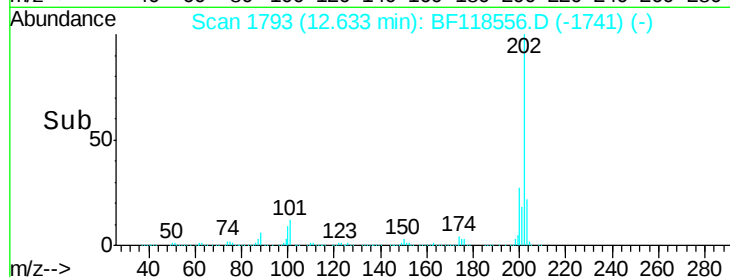
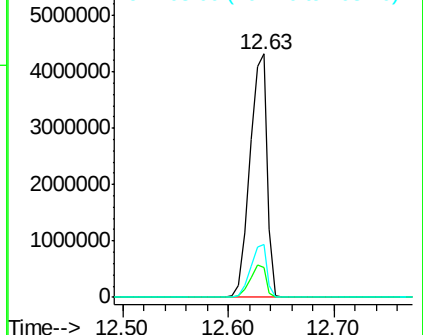
202 100

101 12.4 0.0 31.9

203 21.7 0.9 40.9



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: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

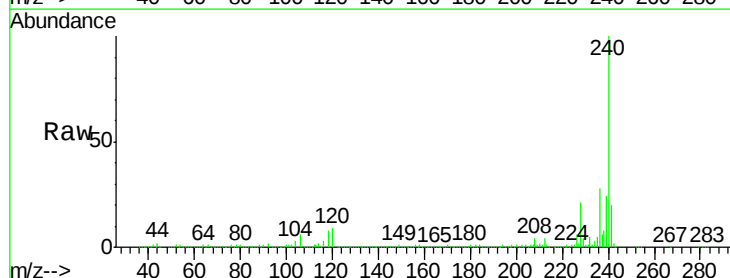
Tgt Ion:240 Resp: 1212252

Ion Ratio Lower Upper

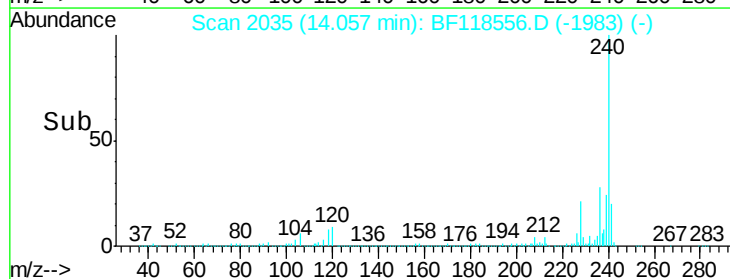
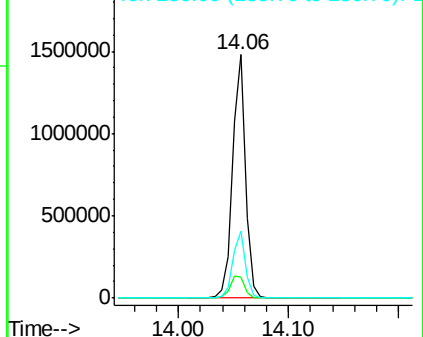
240 100

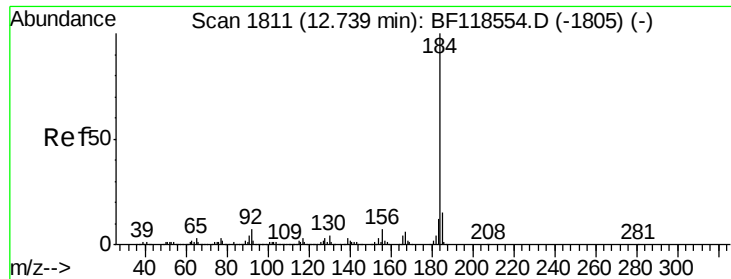
120 8.8 8.7 13.1

236 27.5 21.8 32.8



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: 38.122 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

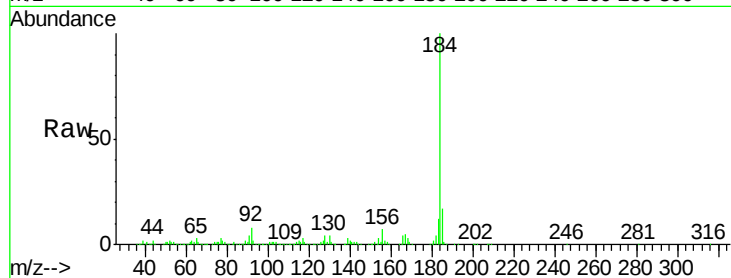
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1031477

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.3	18.5
183	11.9	9.5	14.3

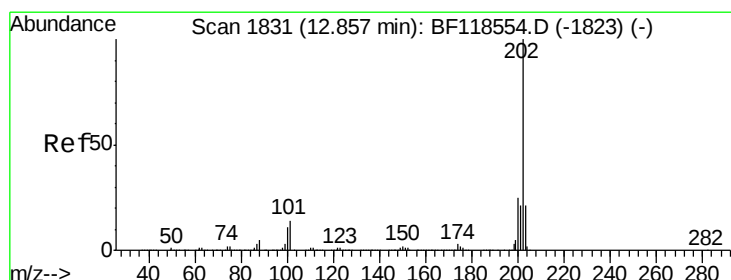
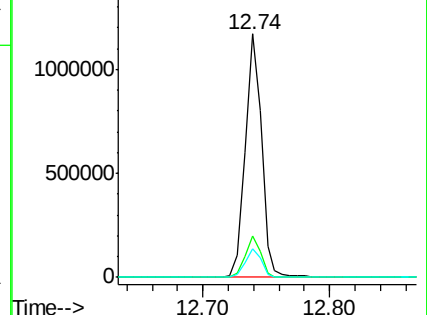
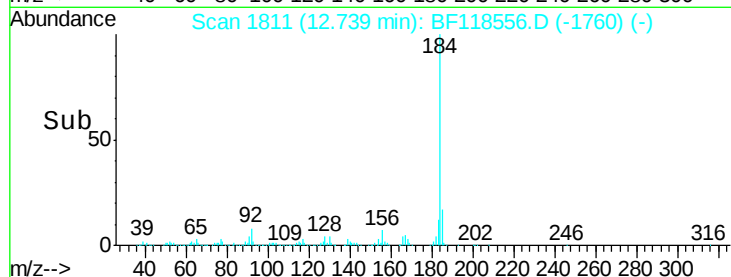


Abundance

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: 47.147 ng

RT: 12.86 min Scan# 1832

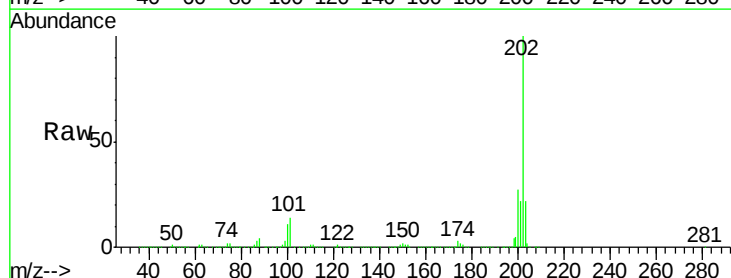
Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Tgt Ion:202 Resp: 4829405

Ion	Ratio	Lower	Upper
202	100		
200	27.0	20.2	30.4
203	21.6	16.6	25.0

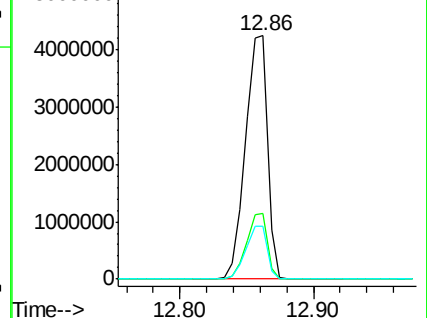
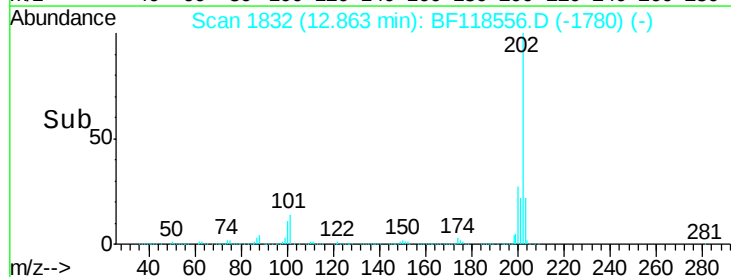


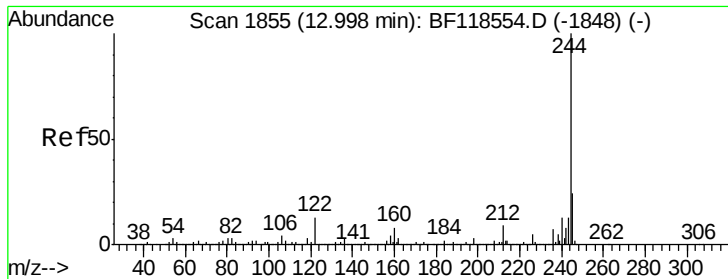
Abundance

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: 86.889 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

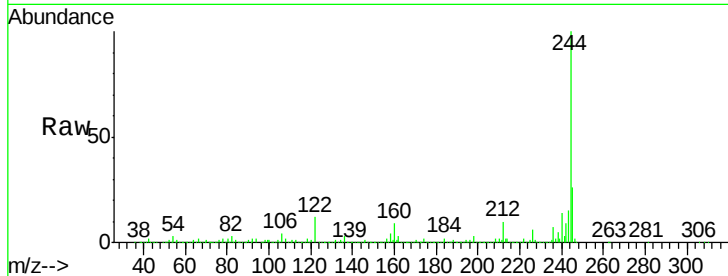
Tot Ion:244 Resp: 6355656

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.4

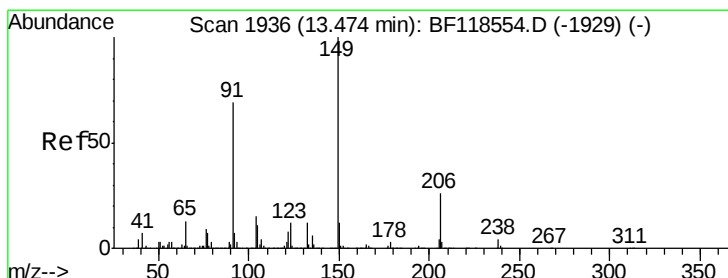
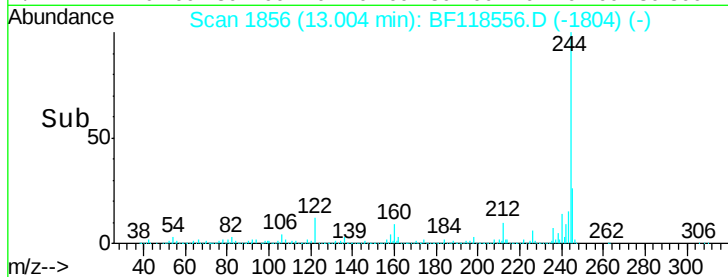
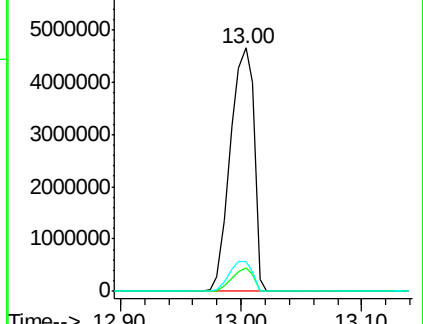
122 12.4 10.4 15.6



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: 50.332 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

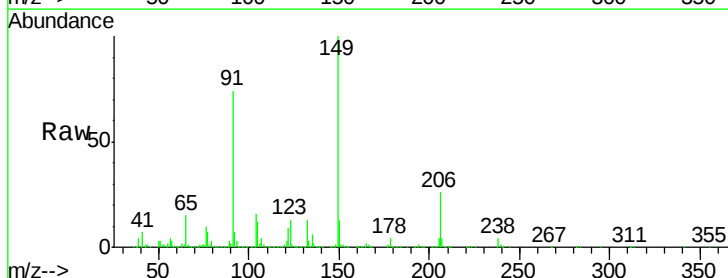
Tgt Ion:149 Resp: 2307875

Ion Ratio Lower Upper

149 100

91 73.8 55.5 83.3

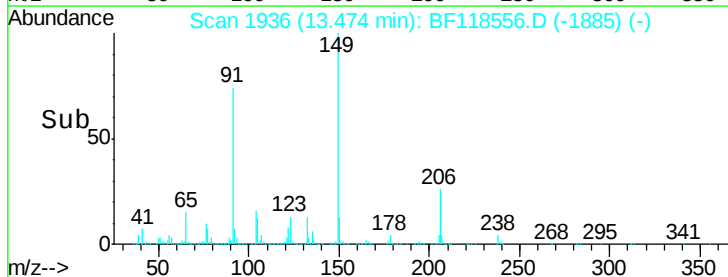
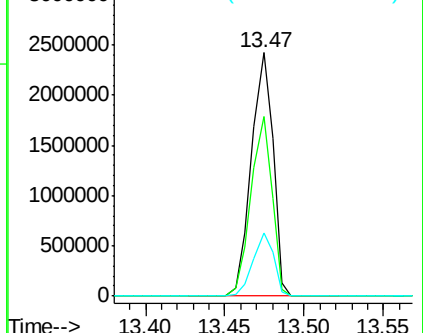
206 26.0 20.7 31.1

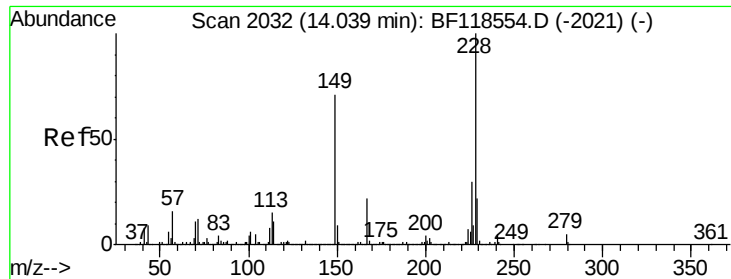


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

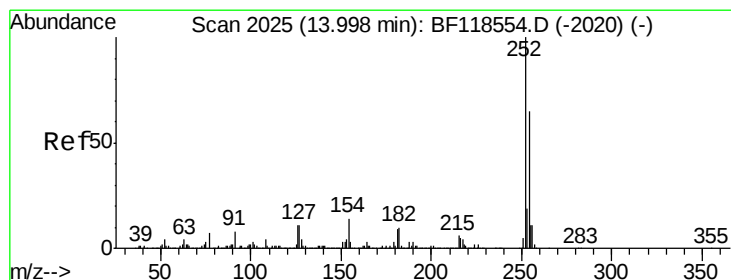
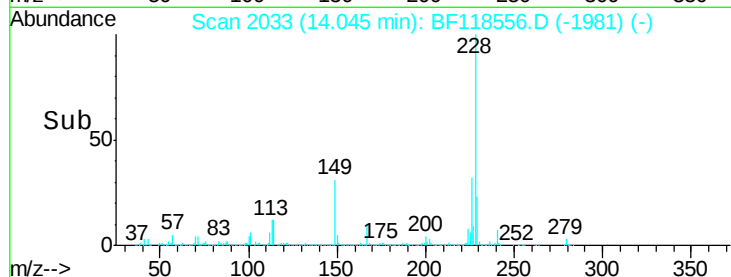
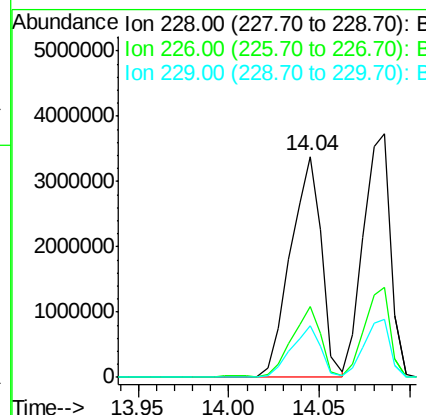
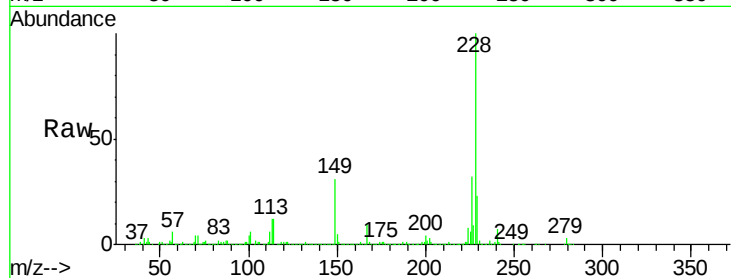




#81
Benzo(a)anthracene
Concen: 48.115 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

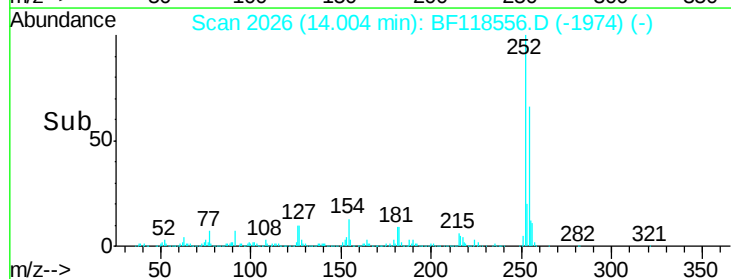
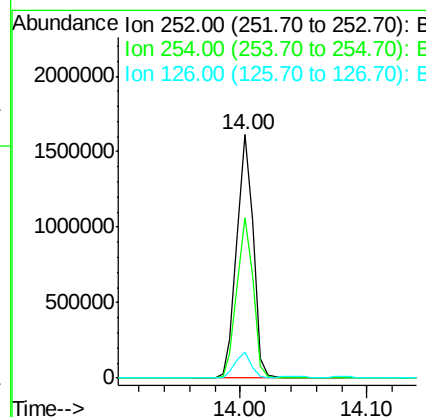
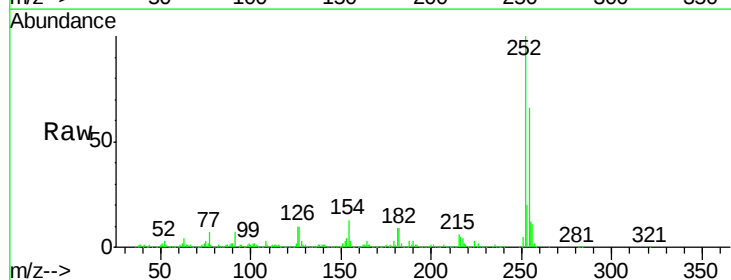
Instrument :
BNA_F
ClientSampleId :

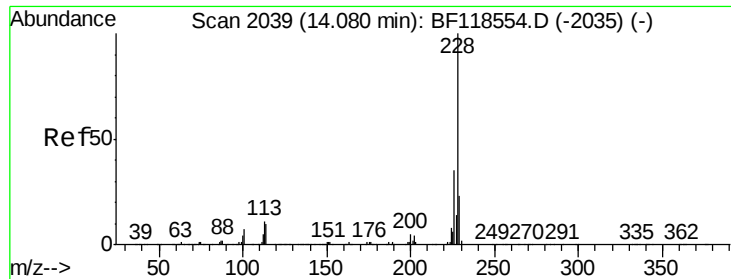
Tot Ion:228 Resp: 4043017
Ion Ratio Lower Upper
228 100
226 32.1 23.7 35.5
229 23.4 17.3 25.9



#82
3,3'-Dichlorobenzidine
Concen: 50.249 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:252 Resp: 1433618
Ion Ratio Lower Upper
252 100
254 65.8 52.0 78.0
126 10.4 9.1 13.7

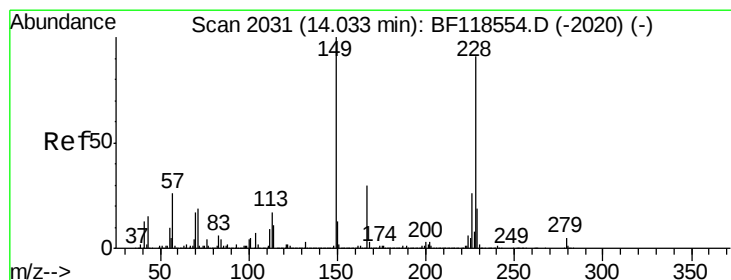
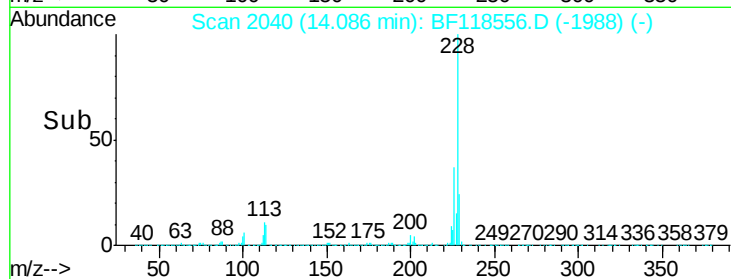
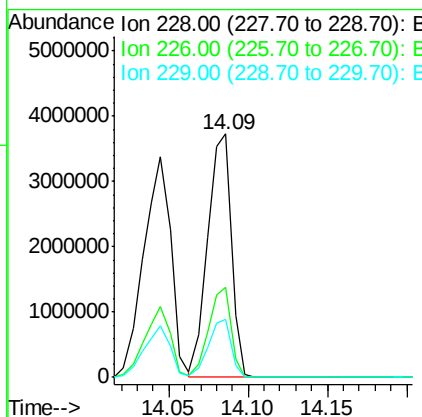
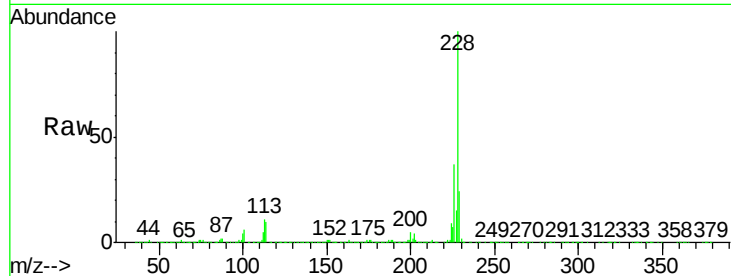




#83
 Chrvsene
 Concen: 48.446 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

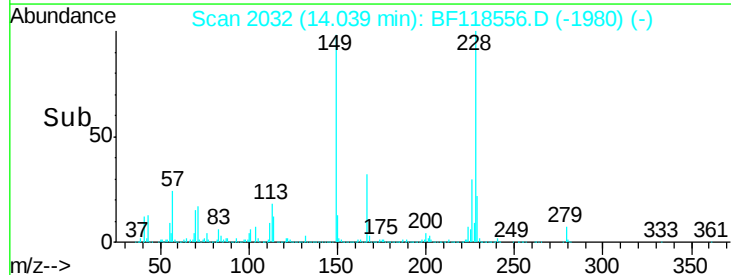
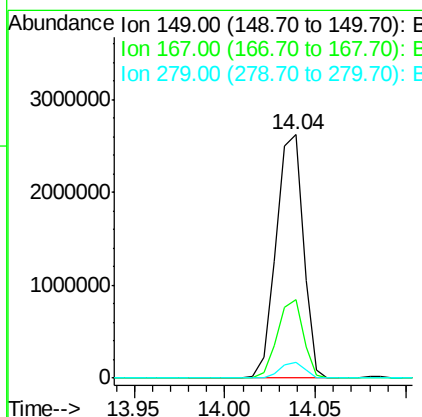
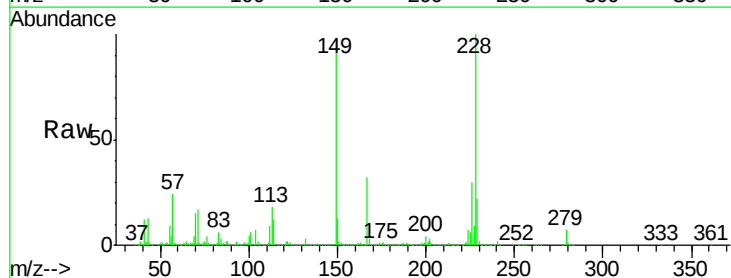
Instrument :
 BNA_F
 ClientSampled :

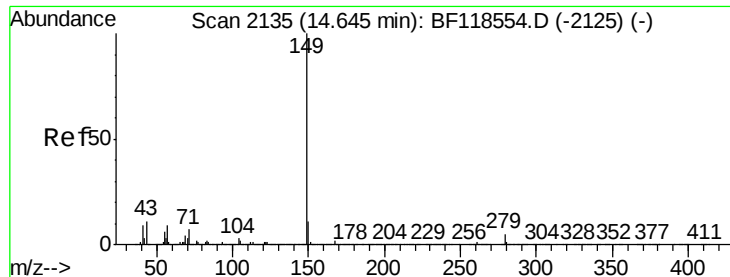
Tot Ion:228 Resp: 3901790
 Ion Ratio Lower Upper
 228 100
 226 36.8 28.2 42.2
 229 23.7 18.2 27.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.832 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF118556.D
 Acq: 17 Jan 2020 12:30

Tgt Ion:149 Resp: 2746406
 Ion Ratio Lower Upper
 149 100
 167 32.3 23.9 35.9
 279 6.7 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 46.051 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampled :

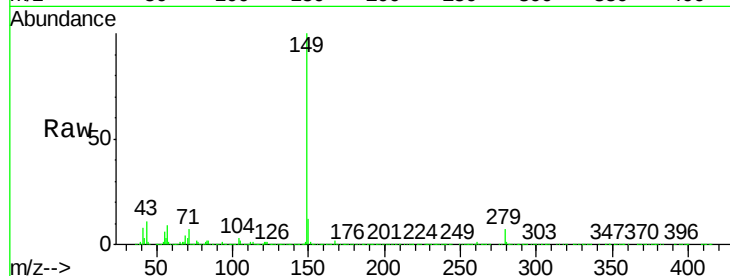
Tot Ion:149 Resp: 4221114

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

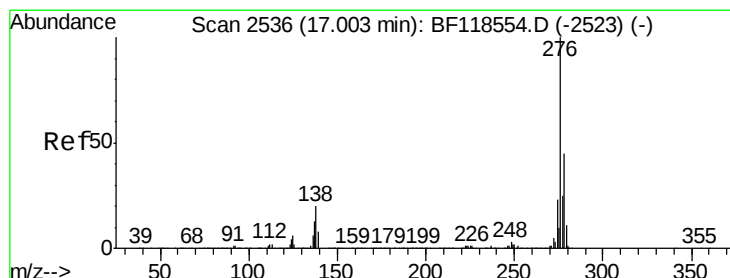
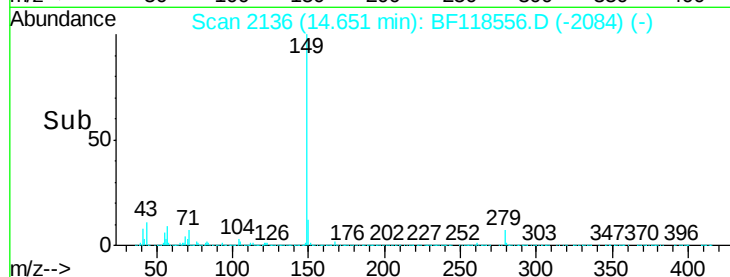
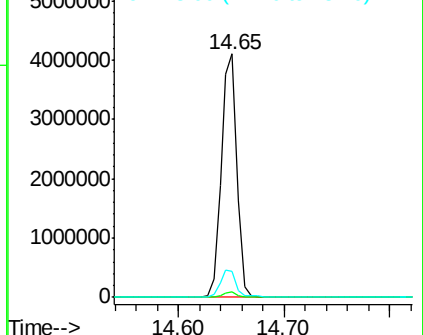
43 11.7 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.317 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

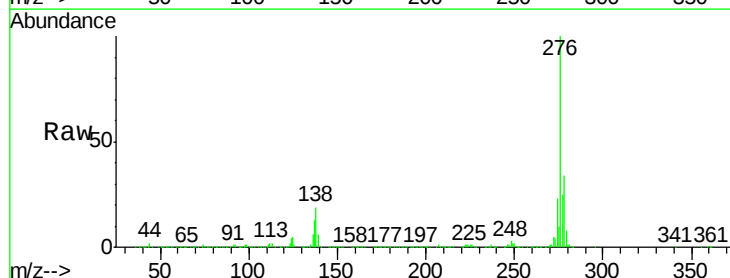
Tgt Ion:276 Resp: 4035150

Ion Ratio Lower Upper

276 100

138 21.8 17.3 25.9

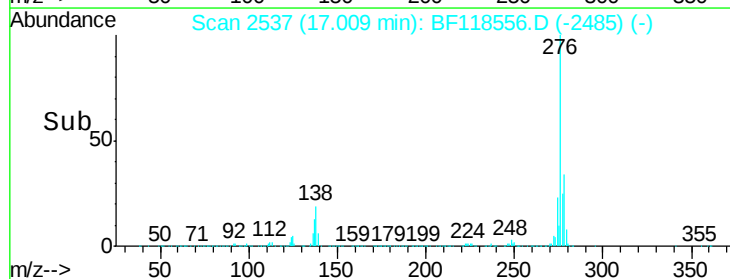
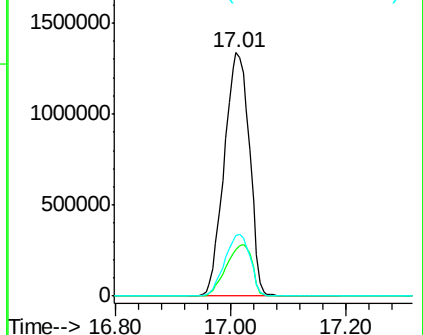
277 25.7 20.5 30.7

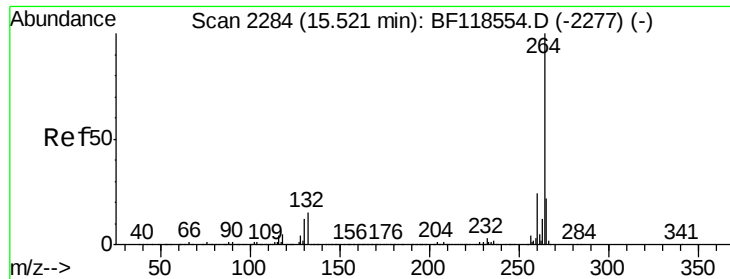


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Instrument :

BNA_F

ClientSampleId :

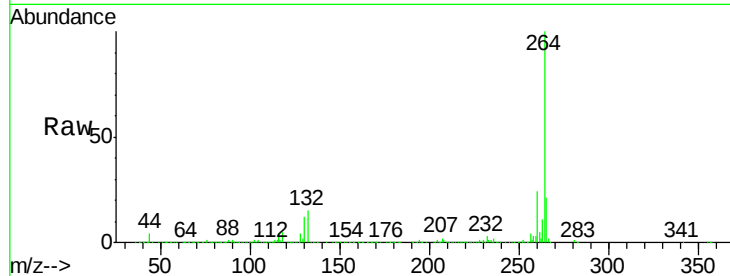
Tot Ion:264 Resp: 1085500

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

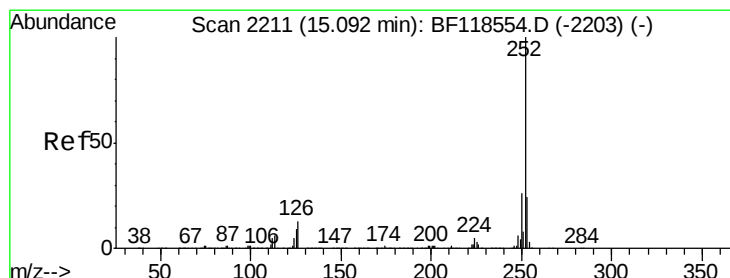
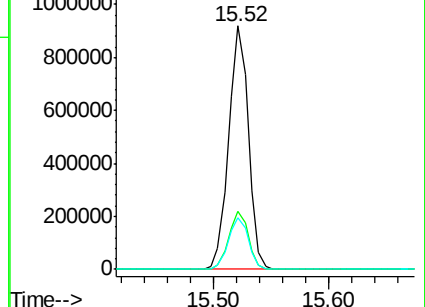
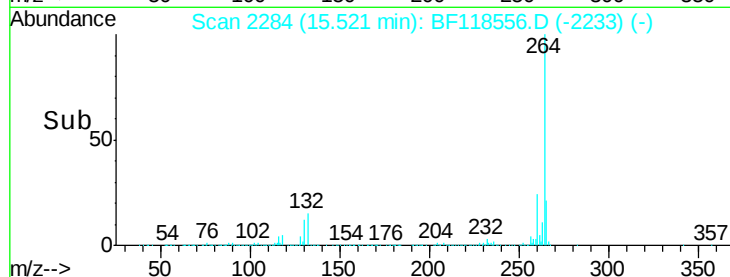
265 21.4 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.101 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

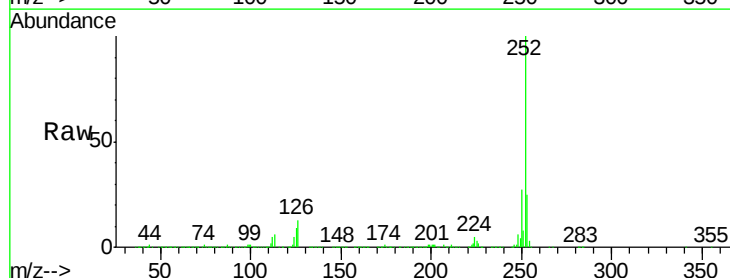
Tgt Ion:252 Resp: 3833266

Ion Ratio Lower Upper

252 100

253 24.6 19.1 28.7

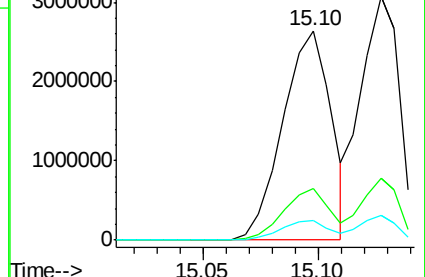
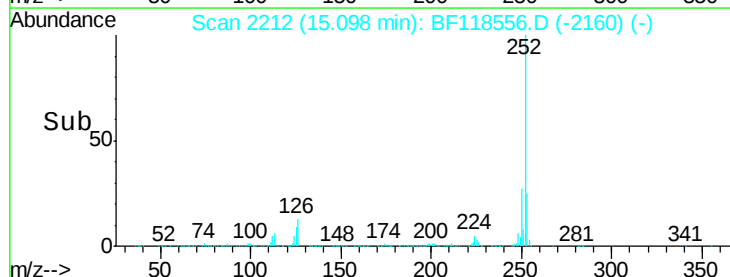
125 9.4 7.5 11.3

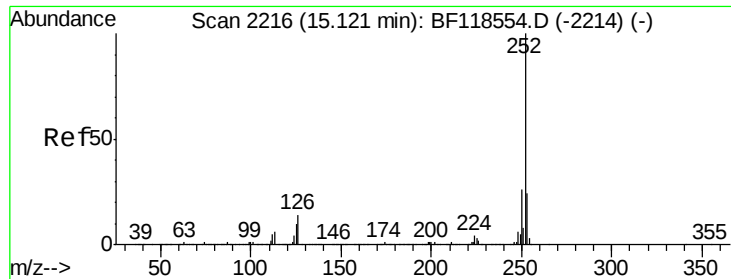


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

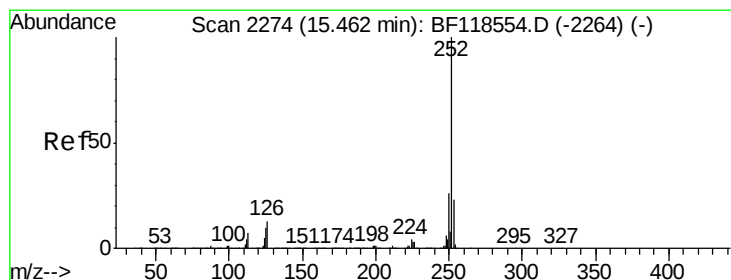
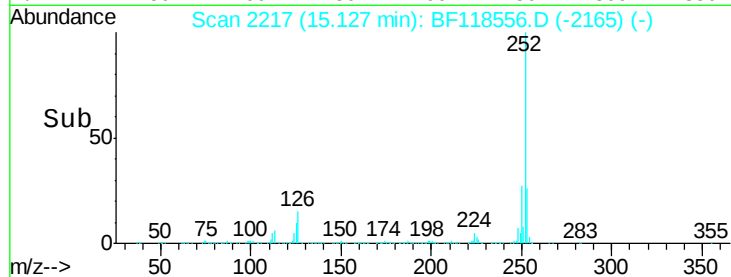
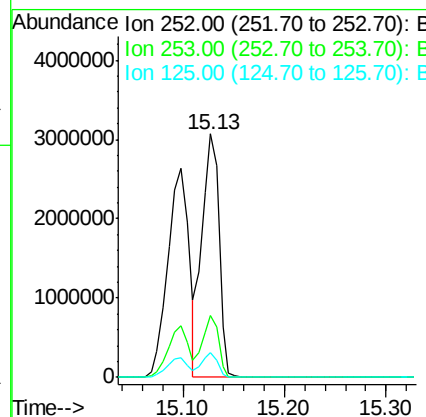
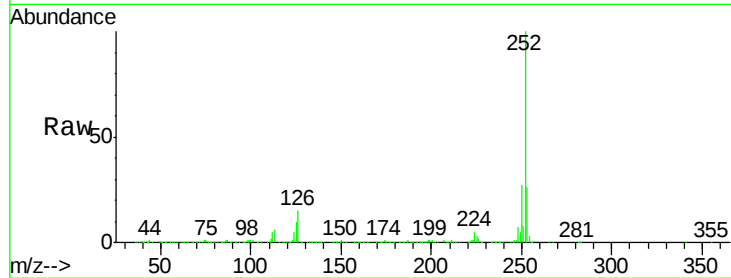




#89
Benzo(k)fluoranthene
Concen: 56.826 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

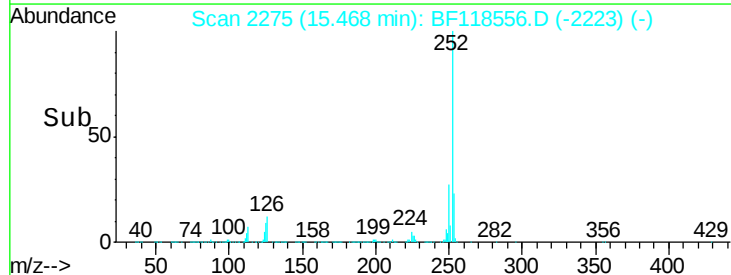
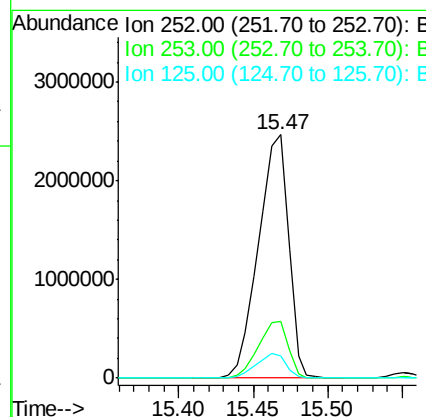
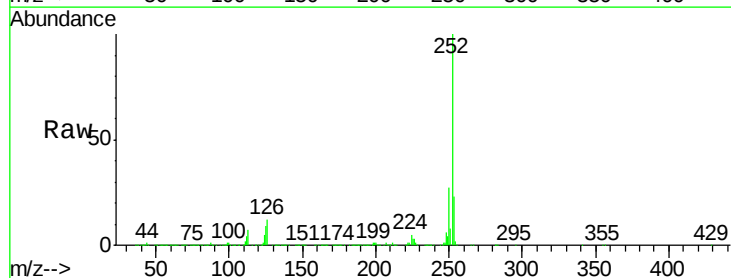
Instrument :
BNA_F
ClientSampleId :

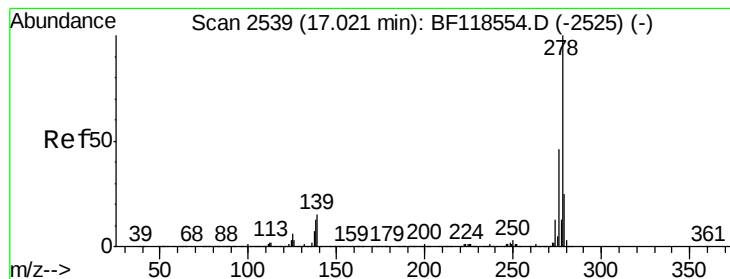
Tot Ion:252 Resp: 3580955
Ion Ratio Lower Upper
252 100
253 25.6 19.0 28.4
125 10.2 7.8 11.8



#90
Benzo(a)pyrene
Concen: 55.470 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF118556.D
Acq: 17 Jan 2020 12:30

Tgt Ion:252 Resp: 3438779
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 9.4 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 58.155 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

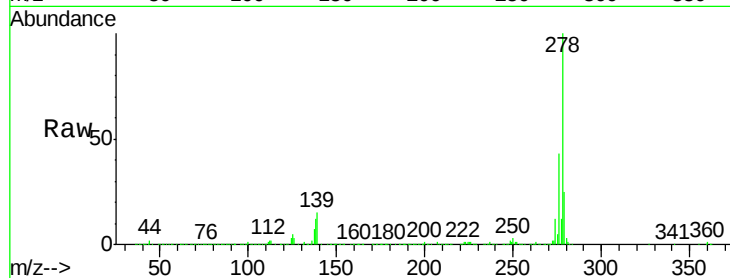
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 3273567

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.7	17.5
279	25.5	20.0	30.0

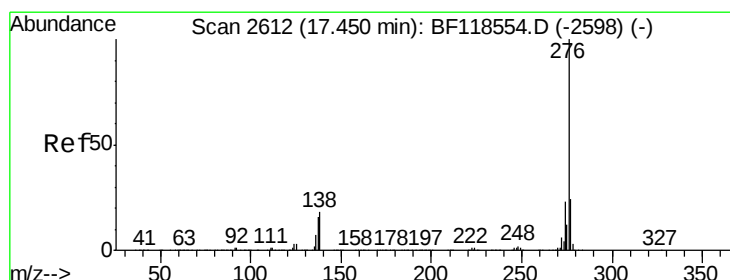
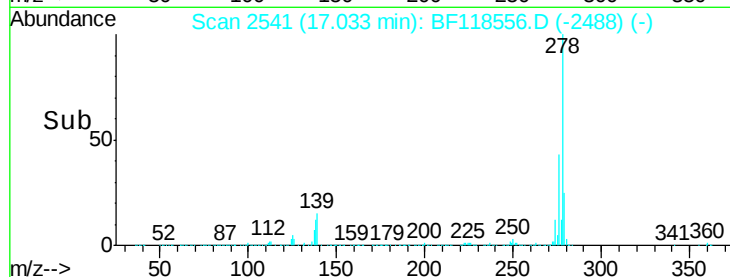
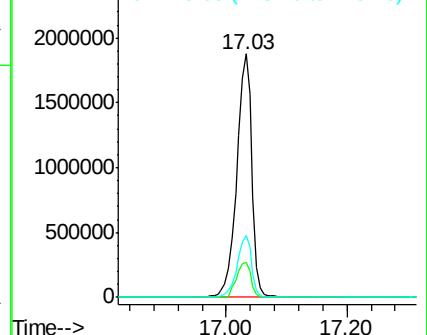


Abundance

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: 57.845 ng

RT: 17.46 min Scan# 2614

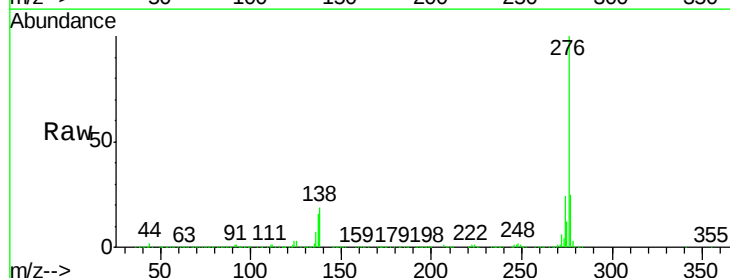
Delta R.T. 0.01 min

Lab File: BF118556.D

Acq: 17 Jan 2020 12:30

Tgt Ion:276 Resp: 3167721

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.1	28.7
138	19.0	14.7	22.1



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

