

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118632.D
 Acq On : 21 Jan 2020 13:25
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 15:27:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	388137	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1430855	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	807961	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1457377	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1019439	20.00	ng	0.00
87) Perylene-d12	15.51	264	928548	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1778385	85.10	ng	0.00
7) Phenol-d6	6.51	99	2264200	83.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	2031180	79.40	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	799123	85.51	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3855107	78.42	ng	0.00
79) Terphenyl-d14	12.99	244	4369467	93.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	409995	40.505	ng	98
3) Pyridine	3.42	79	1160505	40.677	ng	100
4) n-Nitrosodimethylamine	3.36	42	462683	37.828	ng	90
6) Aniline	6.55	93	1468876	41.068	ng	97
8) 2-Chlorophenol	6.67	128	984855	41.985	ng	98
9) Benzaldehyde	6.43	77	703035	42.559	ng	96
10) Phenol	6.52	94	1245304	40.229	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	956342	41.641	ng	98
12) 1,3-Dichlorobenzene	6.83	146	1158811	42.207	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1163512	42.217	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1097403	42.357	ng	98
15) Benzyl Alcohol	7.02	79	899426	41.755	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1320415	41.276	ng	100
17) 2-Methylphenol	7.13	107	809997	41.455	ng	98
18) Hexachloroethane	7.40	117	415248	41.551	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	753100	41.061	ng	95
20) 3+4-Methylphenols	7.28	107	1005960	42.169	ng	# 86
22) Acetophenone	7.29	105	1378342	40.664	ng	# 97
24) Nitrobenzene	7.46	77	1035552	39.535	ng	97
25) Isophorone	7.70	82	1894160	40.596	ng	99
26) 2-Nitrophenol	7.78	139	478032	42.796	ng	95
27) 2,4-Dimethylphenol	7.82	122	757859	39.291	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	1242803	41.338	ng	99
29) 2,4-Dichlorophenol	8.02	162	890606	41.769	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1028836	41.615	ng	99
31) Naphthalene	8.19	128	2788360	43.139	ng	100
32) Benzoic acid	7.93	122	615991	42.553	ng	97
33) 4-Chloroaniline	8.23	127	1237060	41.408	ng	97
34) Hexachlorobutadiene	8.31	225	634409	42.137	ng	100
35) Caprolactam	8.60	113	278477	39.909	ng	90
36) 4-Chloro-3-methylphenol	8.71	107	862969	40.985	ng	100
37) 2-Methylnaphthalene	8.88	142	1931203	42.328	ng	99
38) 1-Methylnaphthalene	8.98	142	1855181	42.800	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1066777	42.197	ng	99

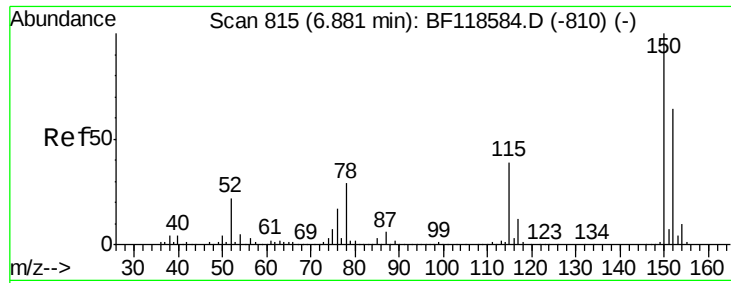
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118632.D
 Acq On : 21 Jan 2020 13:25
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 15:27:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	458306	35.932	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	703339	41.926	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	713271	41.631	ng	98
46) 1,1'-Biphenyl	9.35	154	2416069	43.388	ng	97
47) 2-Chloronaphthalene	9.37	162	1988426	42.366	ng	97
48) 2-Nitroaniline	9.46	65	552496	38.294	ng	95
49) Acenaphthylene	9.79	152	2828874	42.843	ng	97
50) Dimethylphthalate	9.64	163	2243958	42.629	ng	100
51) 2,6-Dinitrotoluene	9.70	165	466265	39.556	ng	94
52) Acenaphthene	9.96	154	1852290	41.953	ng	99
53) 3-Nitroaniline	9.87	138	540433	40.152	ng	97
54) 2,4-Dinitrophenol	9.97	184	187927	39.935	ng	# 57
55) Dibenzofuran	10.13	168	2610995	42.673	ng	99
56) 4-Nitrophenol	10.02	139	398144	39.184	ng	89
57) 2,4-Dinitrotoluene	10.10	165	603011	40.580	ng	97
58) Fluorene	10.47	166	2048280	42.643	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	624125	41.416	ng	99
60) Diethylphthalate	10.34	149	2207232	43.247	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	1134110	43.412	ng	97
62) 4-Nitroaniline	10.48	138	542652	39.304	ng	97
63) Azobenzene	10.62	77	2081029	42.102	ng	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	267166	41.690	ng	81
66) n-Nitrosodiphenylamine	10.57	169	1876552	42.696	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	778034	43.211	ng	97
68) Hexachlorobenzene	11.02	284	862545	42.254	ng	96
69) Atrazine	11.10	200	651505	42.768	ng	99
70) Pentachlorophenol	11.21	266	463158	40.809	ng	99
71) Phenanthrene	11.43	178	2978724	42.366	ng	98
72) Anthracene	11.48	178	3003394	43.170	ng	98
73) Carbazole	11.63	167	2661823	41.713	ng	99
74) Di-n-butylphthalate	11.96	149	3202515	45.170	ng	100
75) Fluoranthene	12.62	202	3105395	41.876	ng	99
77) Benzidine	12.73	184	1414639	51.935	ng	99
78) Pyrene	12.84	202	3140304	45.373	ng	98
80) Butylbenzylphthalate	13.46	149	1327146	46.854	ng	95
81) Benzo(a)anthracene	14.03	228	2669284	43.527	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	996571	45.606	ng	98
83) Chrysene	14.07	228	2521402	42.900	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1718603	49.662	ng	100
85) Di-n-octyl phthalate	14.63	149	2648547	51.706	ng	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	2427938	47.543	ng	100
88) Benzo(b)fluoranthene	15.09	252	2385183	40.866	ng	99
89) Benzo(k)fluoranthene	15.12	252	2199771	40.681	ng	99
90) Benzo(a)pyrene	15.45	252	2069137	41.096	ng	98
91) Dibenzo(a,h)anthracene	17.01	278	2013329	45.207	ng	100
92) Benzo(g,h,i)perylene	17.44	276	1926401	44.549	ng	99

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

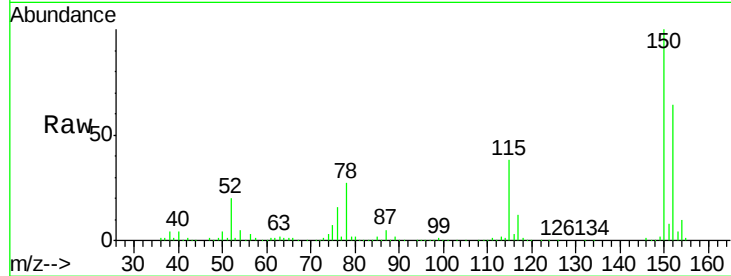


#1

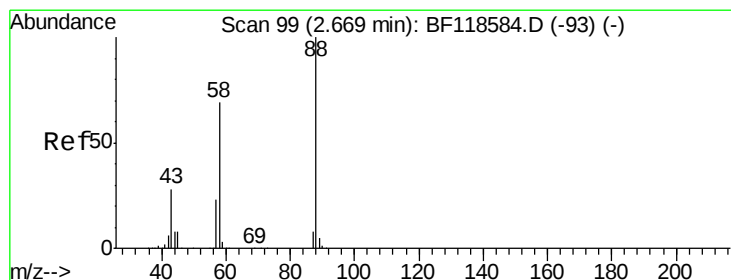
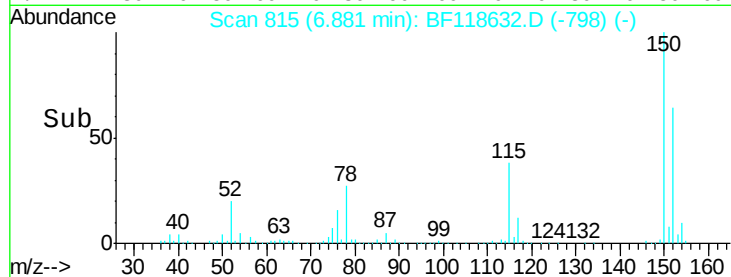
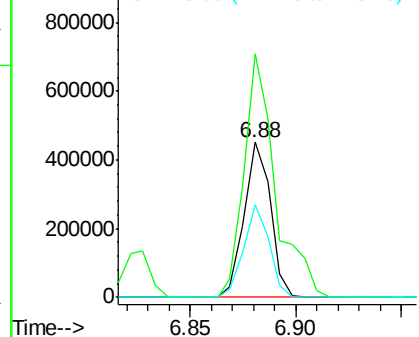
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 388137
Ion Ratio Lower Upper
152 100
150 157.2 125.6 188.4
115 59.5 48.4 72.6



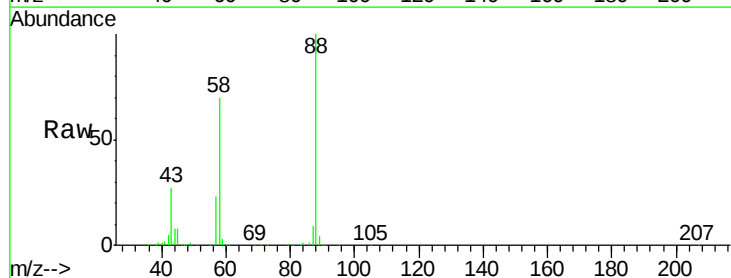
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



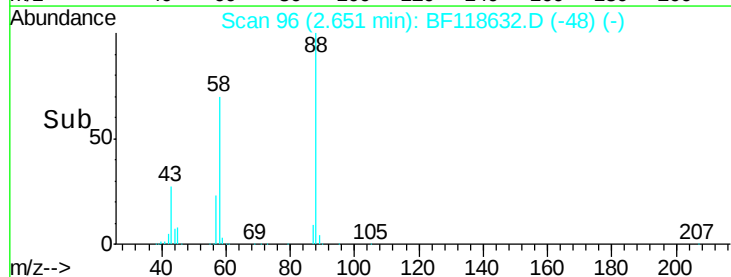
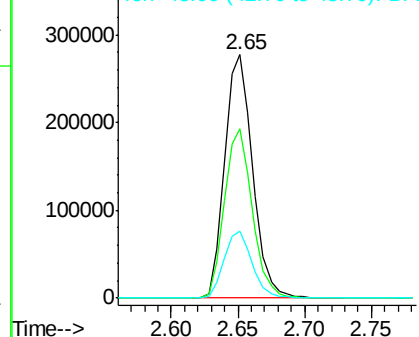
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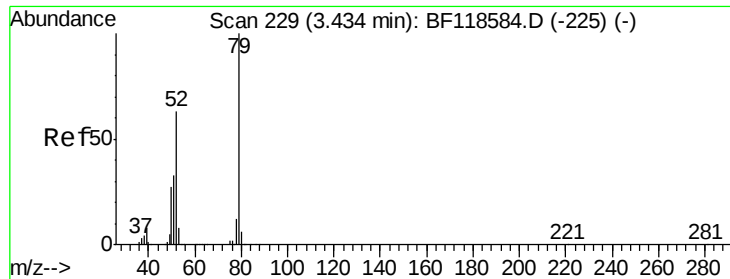
1,4-Dioxane
Concen: 40.505 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.02 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion: 88 Resp: 409995
Ion Ratio Lower Upper
88 100
58 68.9 56.1 84.1
43 27.3 23.0 34.6



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





#3

Pvridine

Concen: 40.677 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.02 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

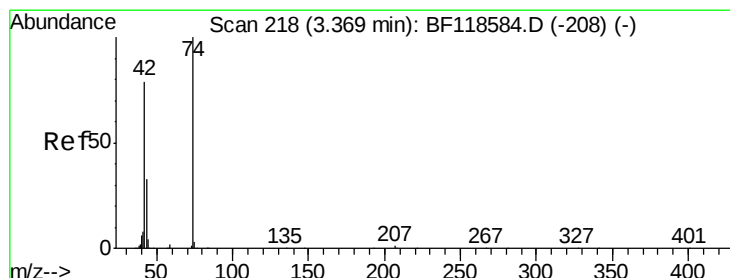
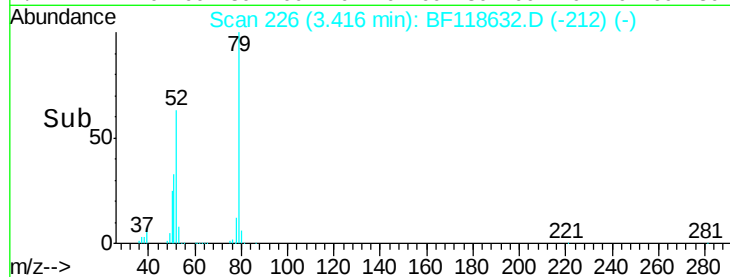
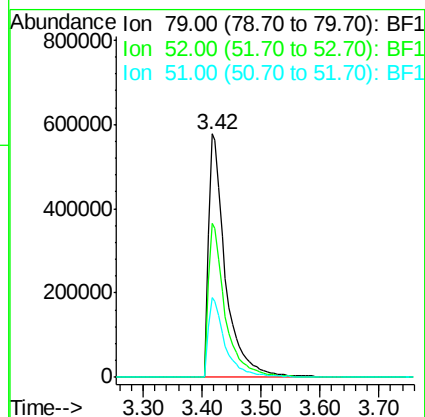
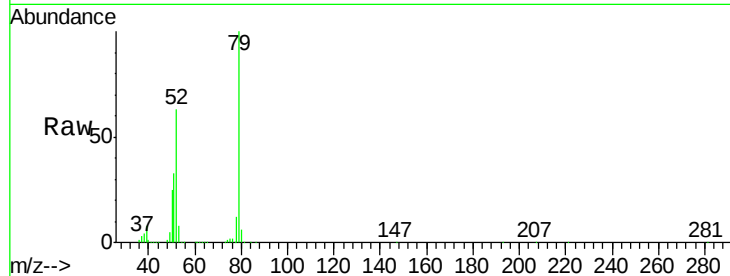
Tot Ion: 79 Resp: 1160505

Ion Ratio Lower Upper

79 100

52 63.4 50.7 76.1

51 33.0 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 37.828 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

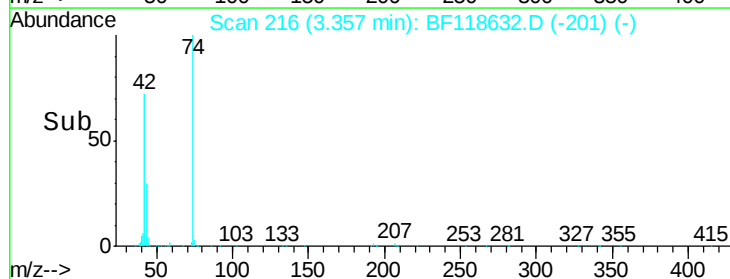
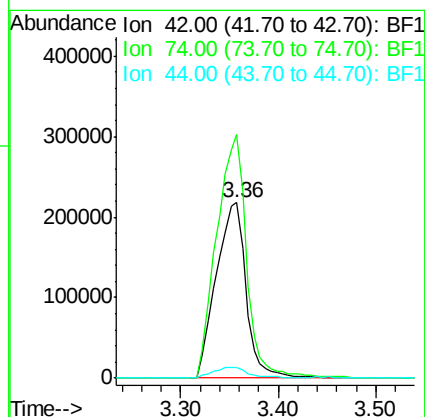
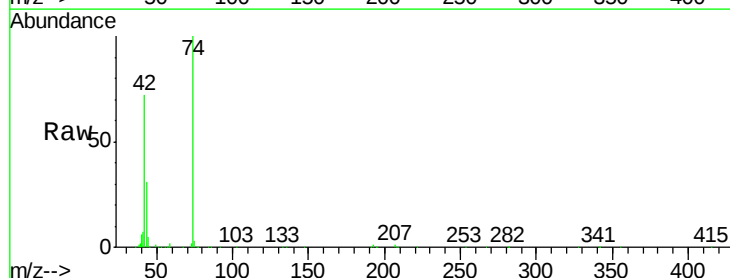
Tgt Ion: 42 Resp: 462683

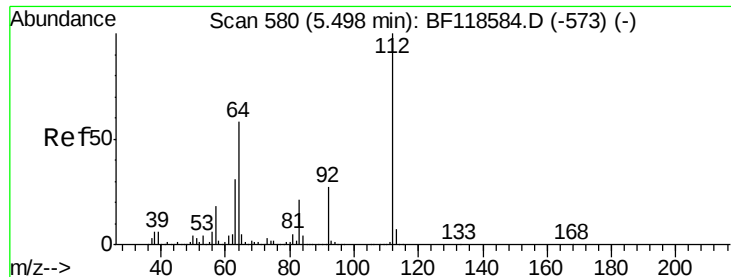
Ion Ratio Lower Upper

42 100

74 138.9 101.6 152.4

44 6.3 4.9 7.3





#5

2-Fluorophenol

Concen: 85.097 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

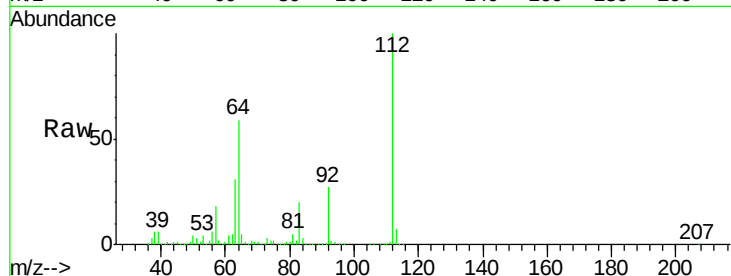
Tot Ion:112 Resp: 1778385

Ion Ratio Lower Upper

112 100

64 58.8 46.6 70.0

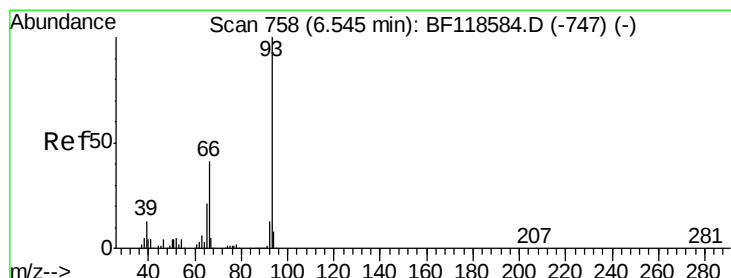
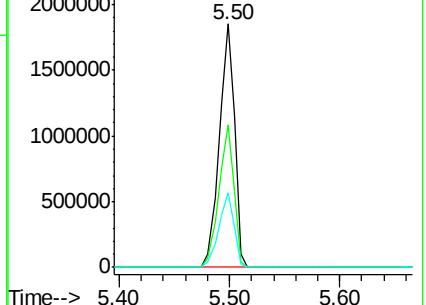
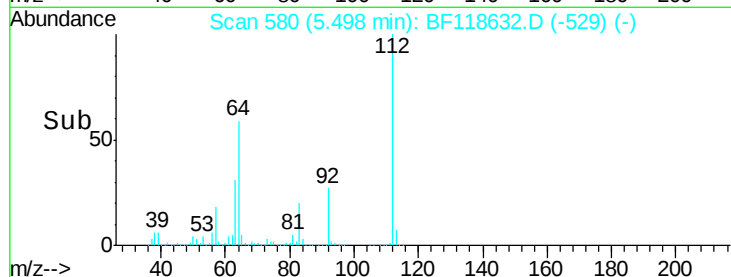
63 30.7 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): BF118632.D (-529) (-)

Ion 64.00 (63.70 to 64.70): BF118632.D (-529) (-)

Ion 63.00 (62.70 to 63.70): BF118632.D (-529) (-)



#6

Aniline

Concen: 41.068 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

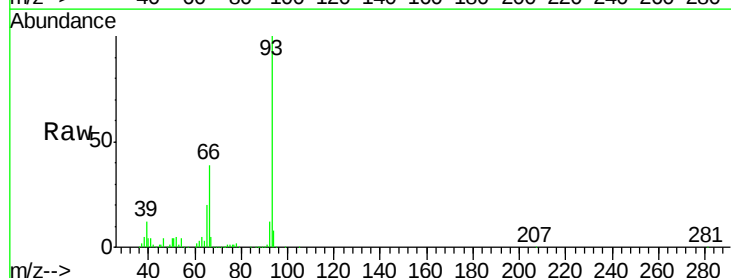
Tgt Ion: 93 Resp: 1468876

Ion Ratio Lower Upper

93 100

66 38.9 32.8 49.2

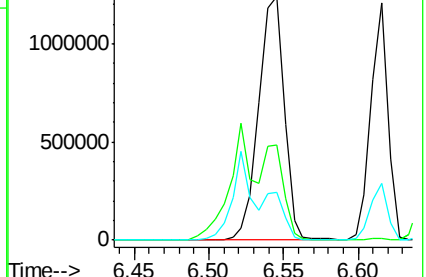
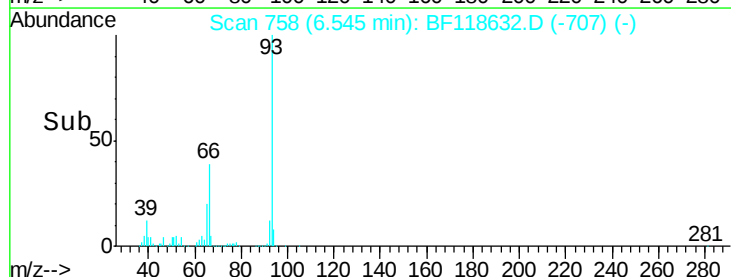
65 19.8 16.5 24.7

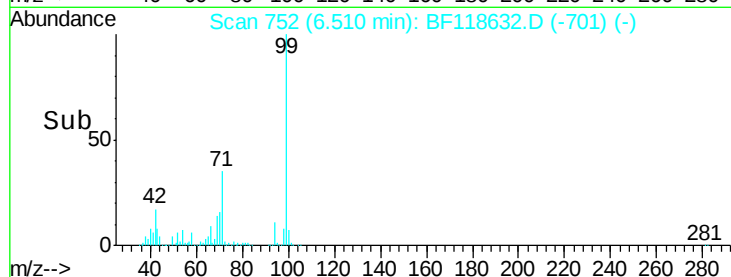
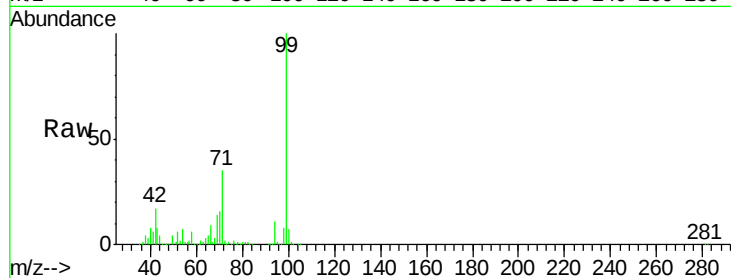
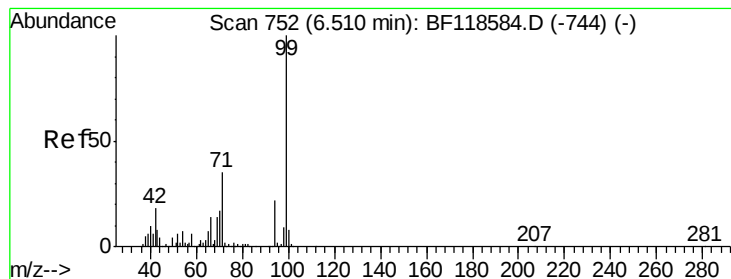


Abundance Ion 93.00 (92.70 to 93.70): BF118632.D (-707) (-)

Ion 66.00 (65.70 to 66.70): BF118632.D (-707) (-)

Ion 65.00 (64.70 to 65.70): BF118632.D (-707) (-)





#7

Phenol-d6

Concen: 83.357 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

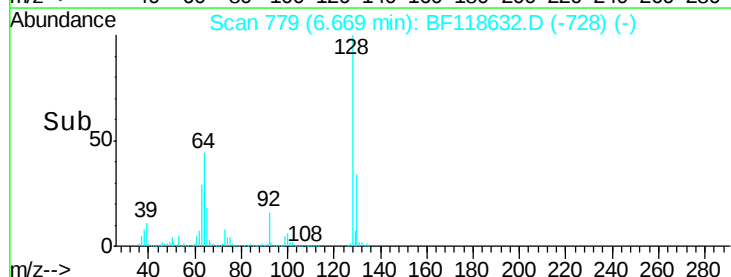
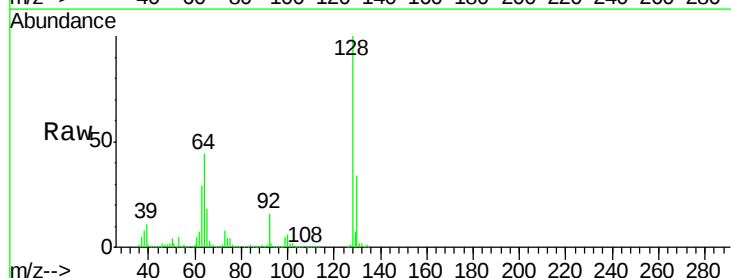
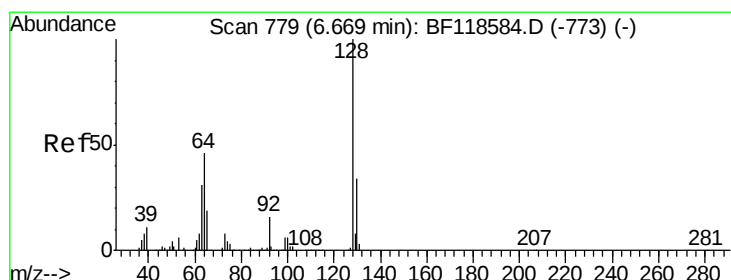
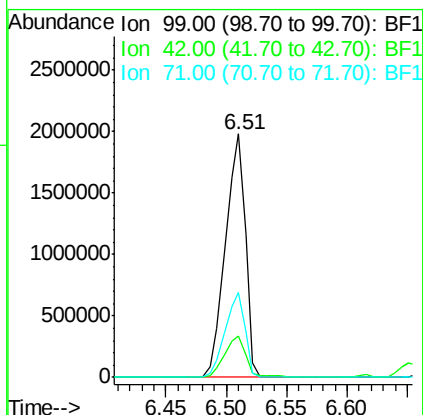
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2264200

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.2	21.2
71	34.9	27.8	41.6



#8

2-Chlorophenol

Concen: 41.985 ng

RT: 6.67 min Scan# 779

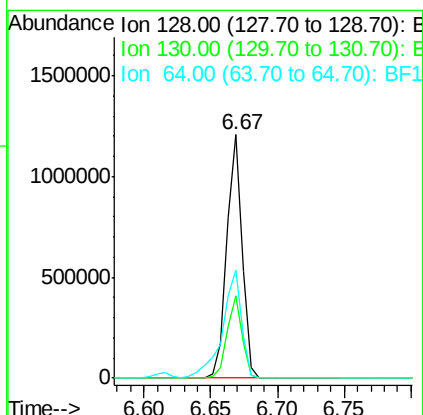
Delta R.T. 0.00 min

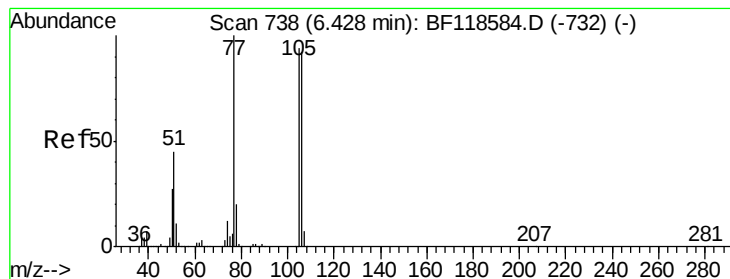
Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion: 128 Resp: 984855

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.6	53.6
64	44.4	26.4	66.4





#9

Benzaldehyde

Concen: 42.559 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

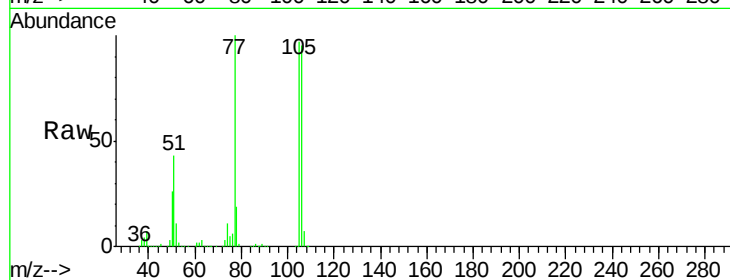
Tot Ion: 77 Resp: 703035

Ion Ratio Lower Upper

77 100

105 97.5 73.5 113.5

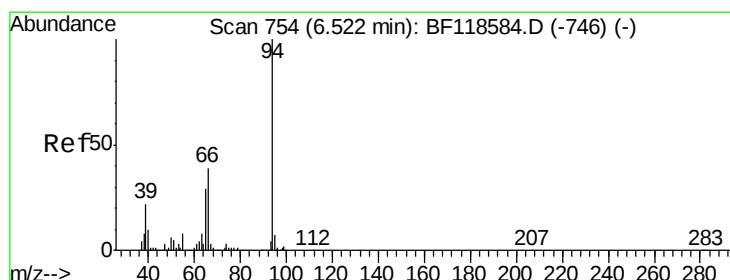
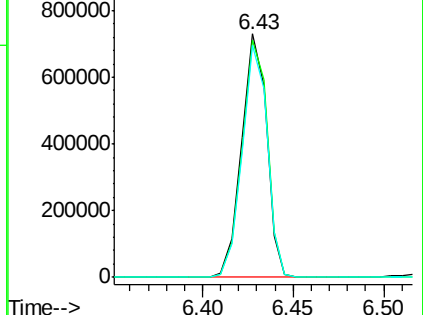
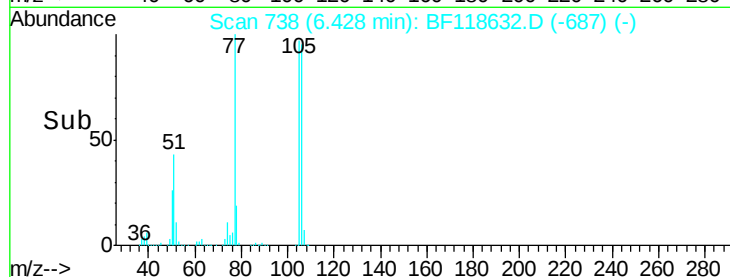
106 95.2 71.9 111.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.229 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

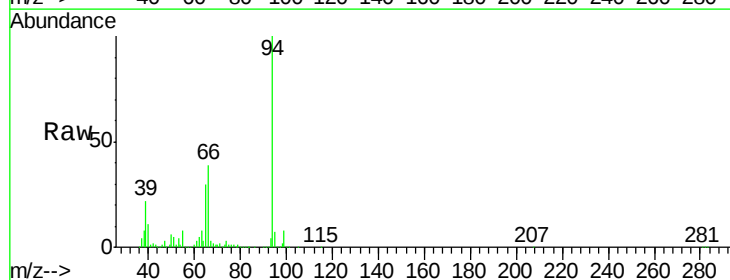
Tgt Ion: 94 Resp: 1245304

Ion Ratio Lower Upper

94 100

65 29.5 9.5 49.5

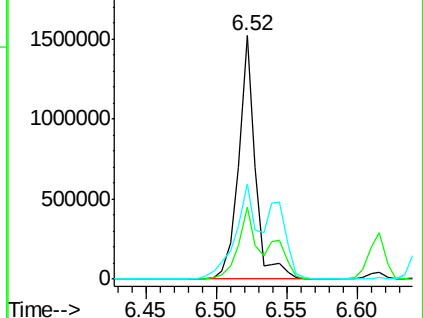
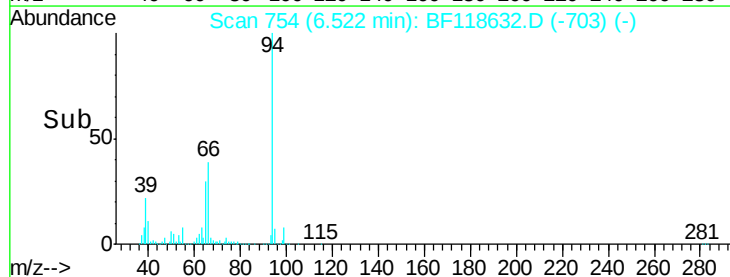
66 39.3 18.5 58.5

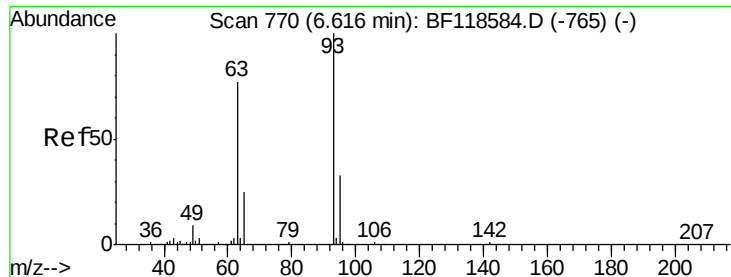


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

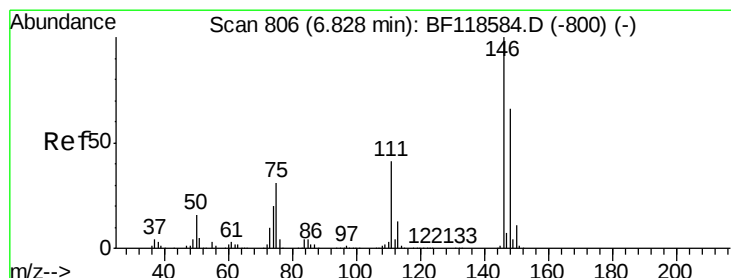
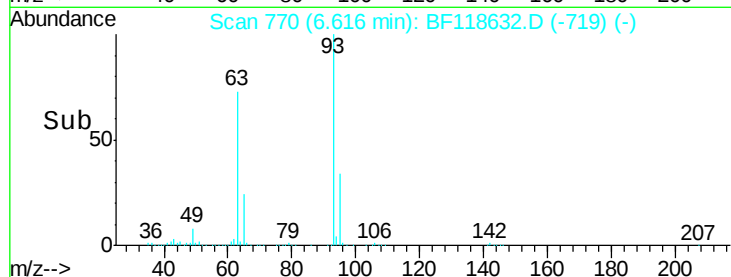
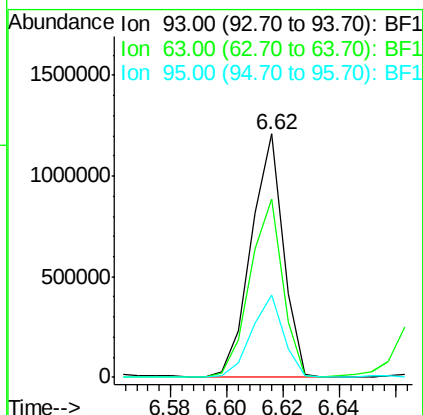
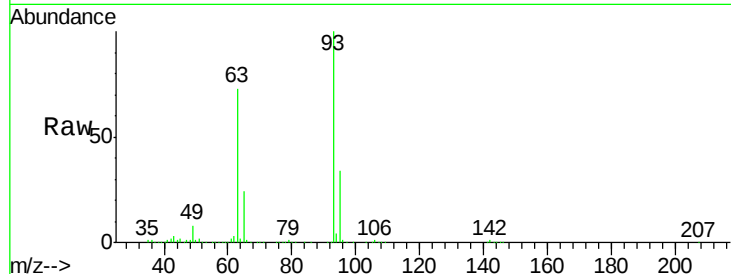




#11
bis(2-Chloroethyl)ether
Concen: 41.641 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

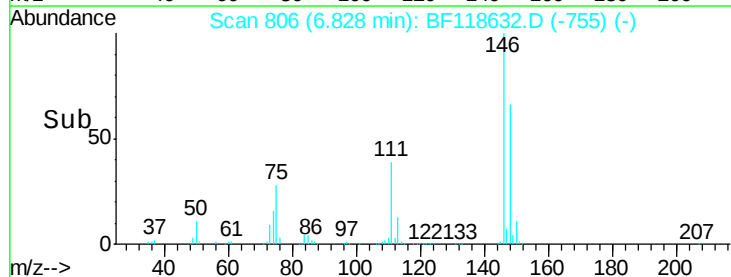
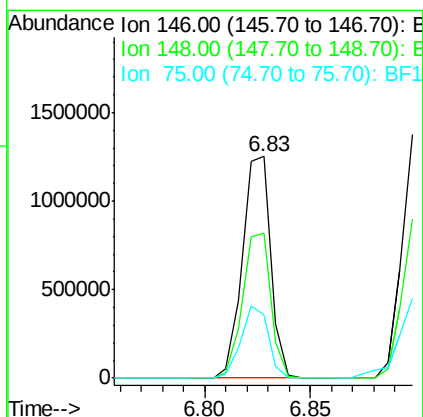
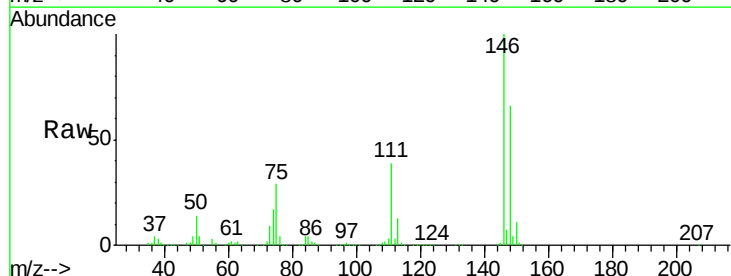
Instrument :
BNA_F
ClientSampleId :

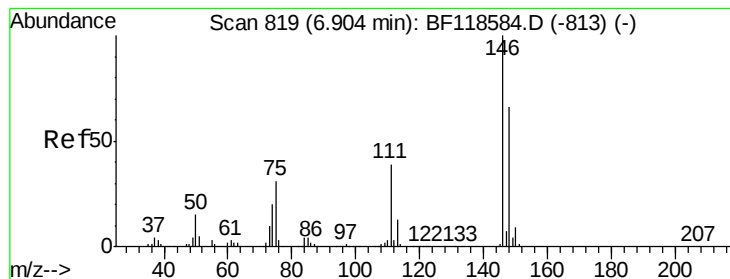
Tot Ion: 93 Resp: 956342
Ion Ratio Lower Upper
93 100
63 73.5 56.3 96.3
95 33.7 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.207 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion: 146 Resp: 1158811
Ion Ratio Lower Upper
146 100
148 65.6 53.0 79.6
75 28.6 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 42.217 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

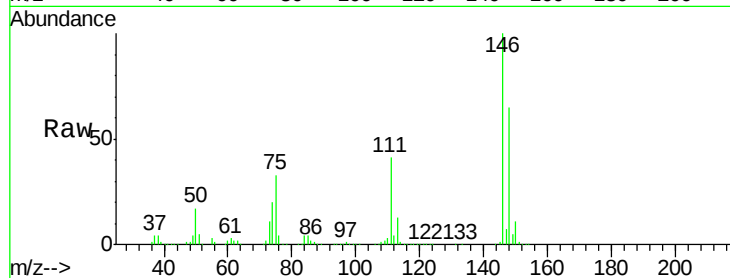
Tot Ion:146 Resp: 1163512

Ion Ratio Lower Upper

146 100

148 65.3 52.4 78.6

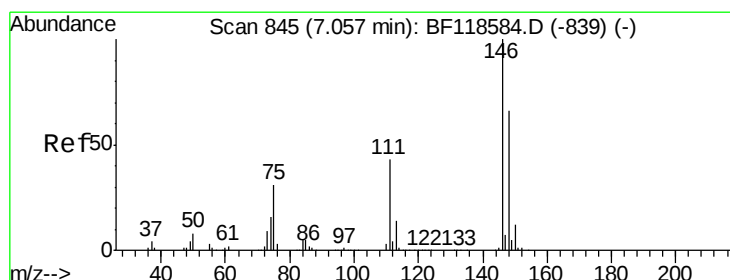
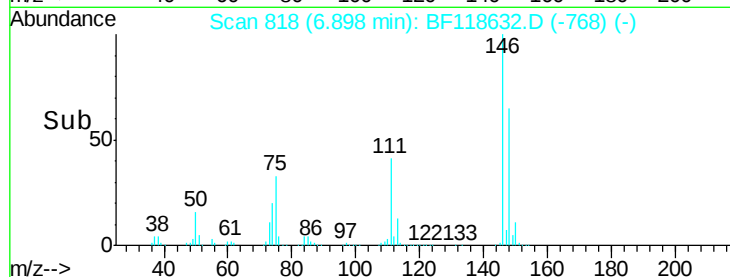
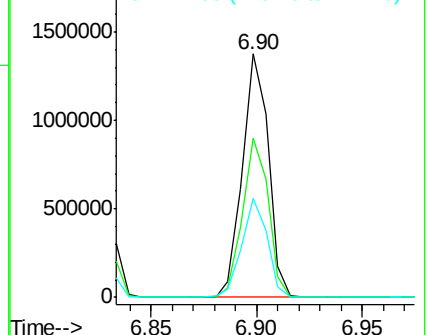
111 40.6 31.6 47.4



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: 42.357 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

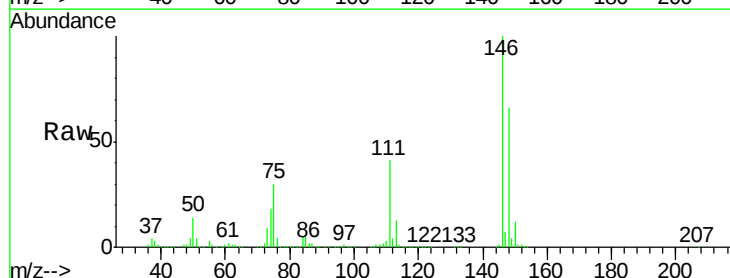
Tgt Ion:146 Resp: 1097403

Ion Ratio Lower Upper

146 100

148 65.6 52.7 79.1

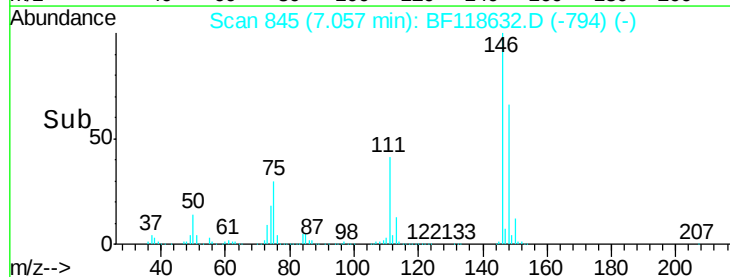
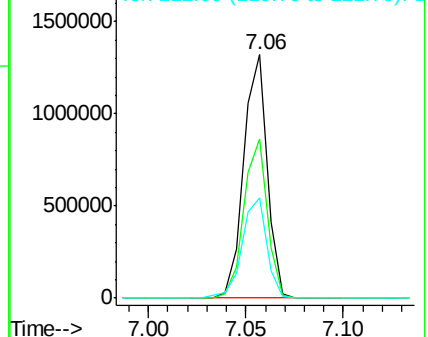
111 41.0 34.6 52.0

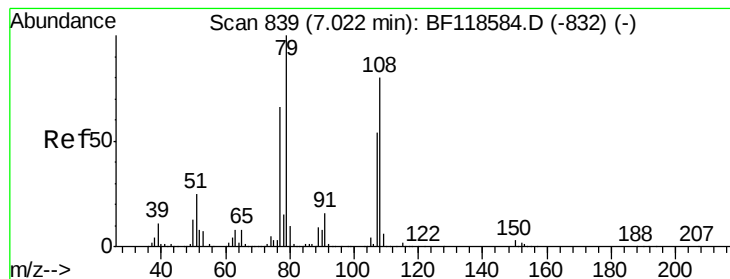


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.755 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleID :

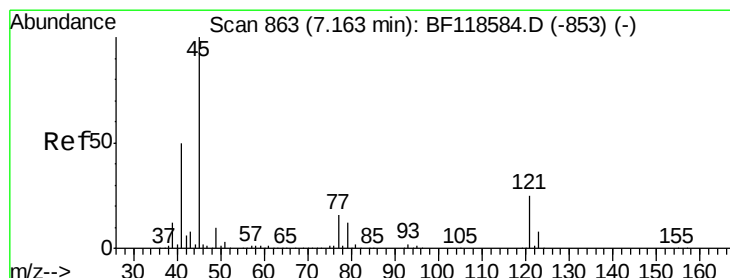
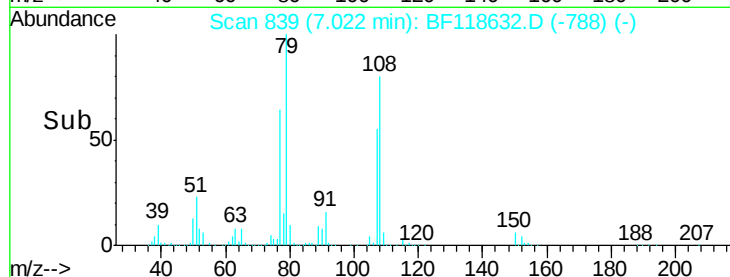
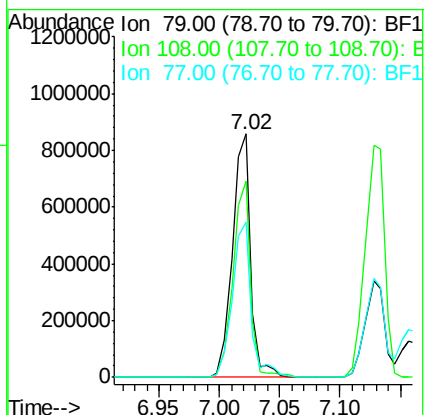
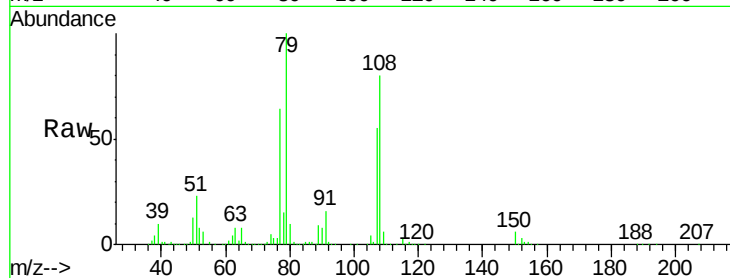
Tot Ion: 79 Resp: 899426

Ion Ratio Lower Upper

79 100

108 80.4 63.6 95.4

77 63.6 52.5 78.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.276 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

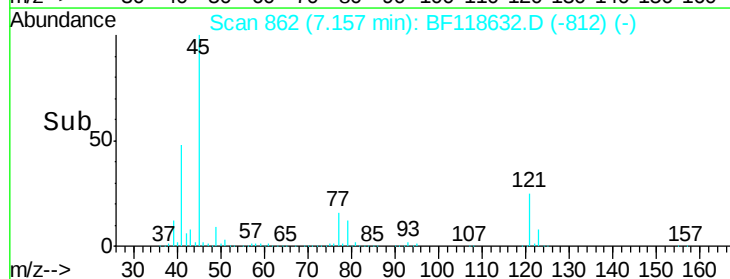
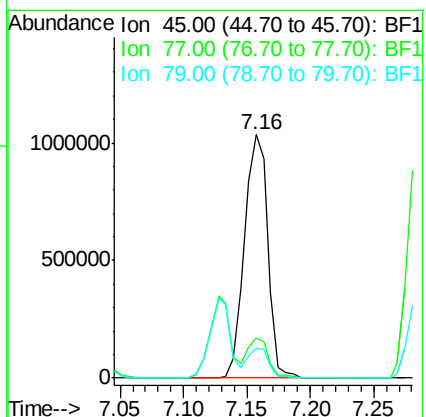
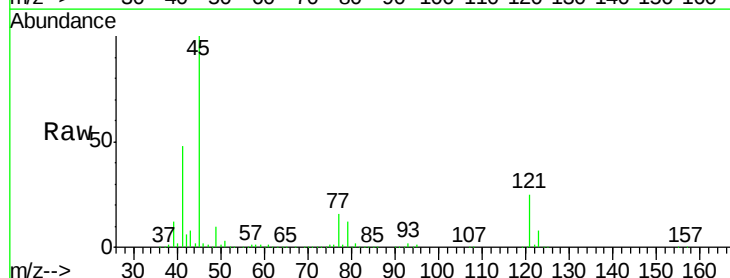
Tgt Ion: 45 Resp: 1320415

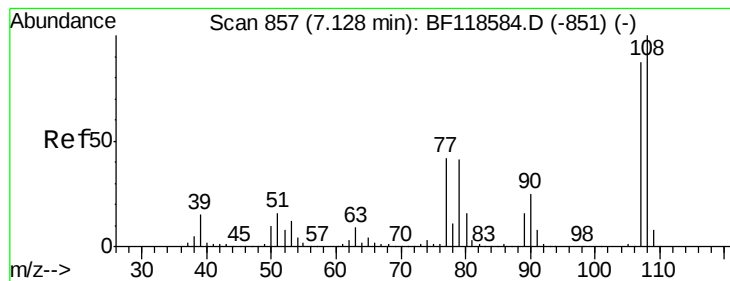
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.1

79 12.4 0.0 32.4

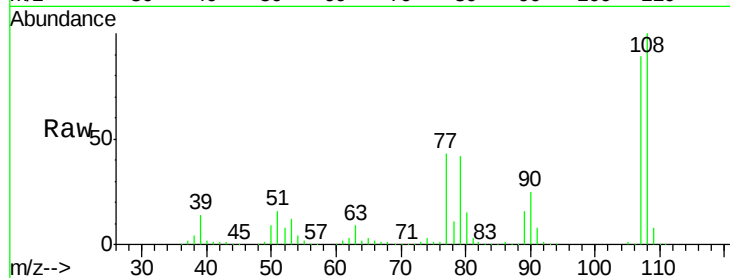




#17
2-Methylphenol
Concen: 41.455 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.5	137.3
77	47.9	38.7	58.1
79	46.6	37.7	56.5



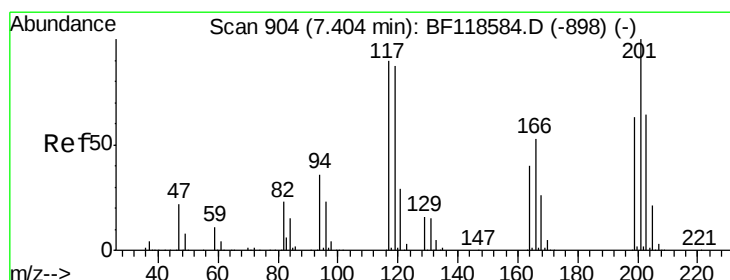
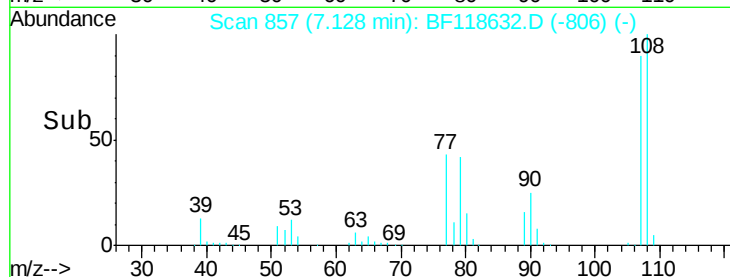
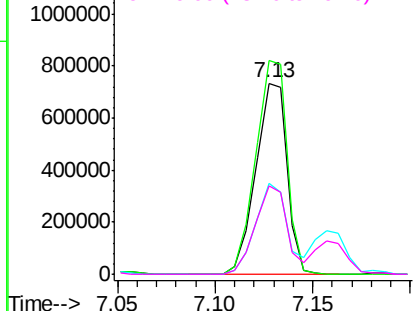
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

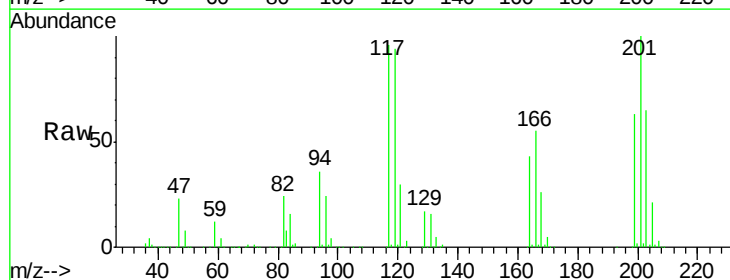
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.551 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.6	116.4
201	103.9	88.8	133.2

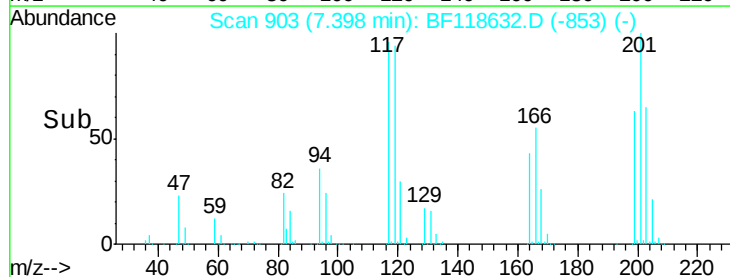
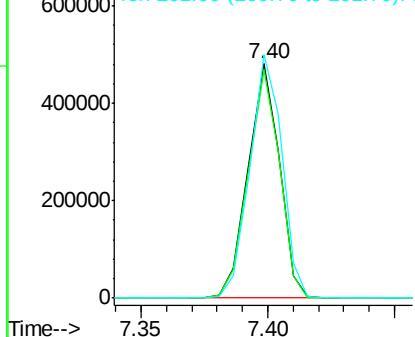


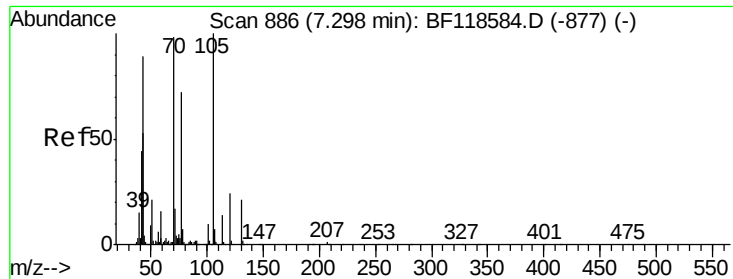
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

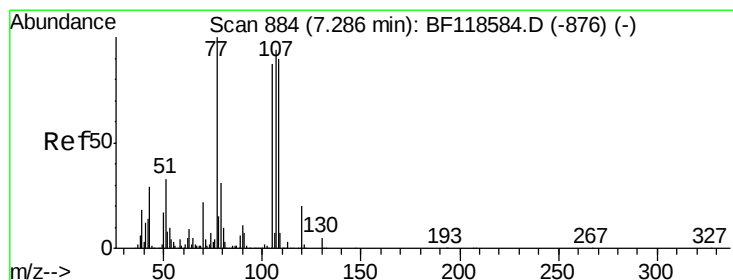
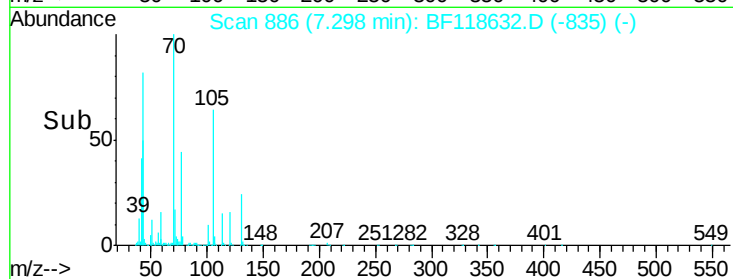
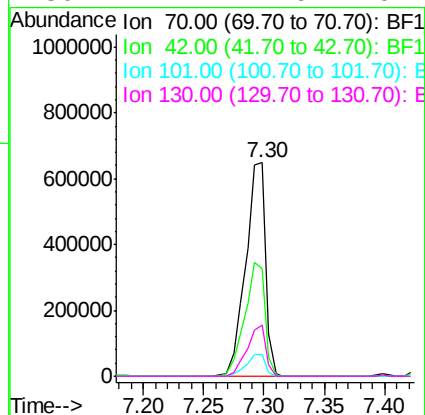
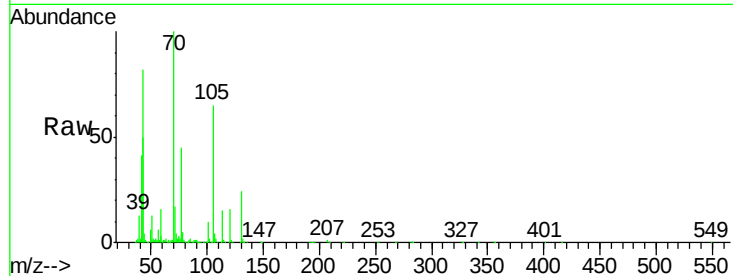




#19
n-Nitroso-di-n-propylamine
Concen: 41.061 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

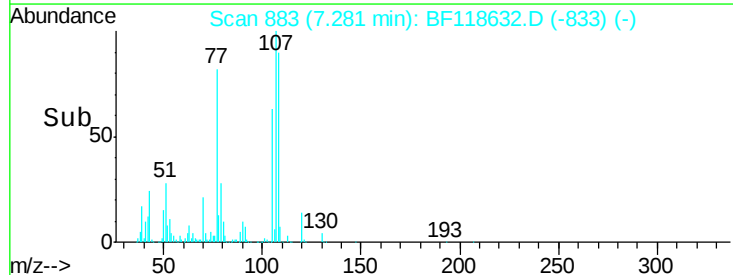
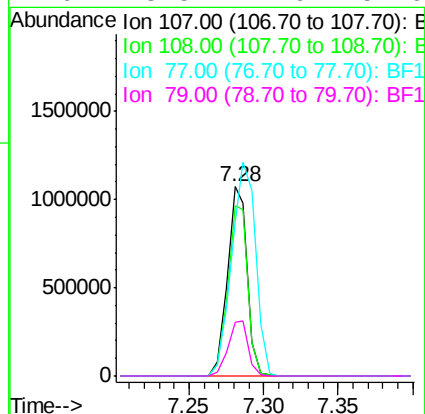
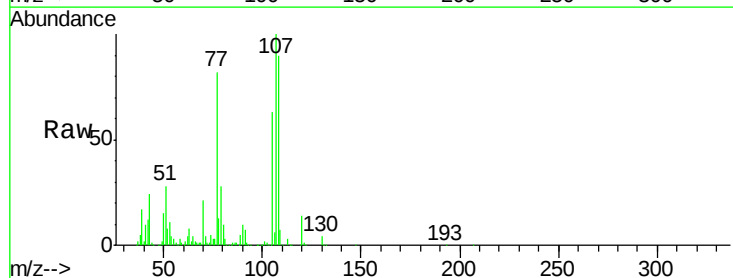
Instrument :
BNA_F
ClientSampled :

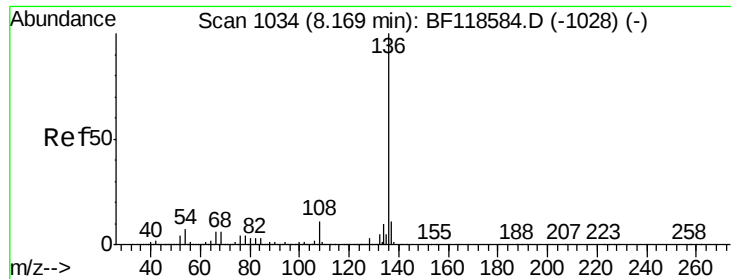
Tot Ion:	70	Resp:	753100
Ion	Ratio	Lower	Upper
70	100		
42	50.1	43.4	65.0
101	10.0	8.1	12.1
130	24.2	17.6	26.4



#20
3+4-Methylphenols
Concen: 42.169 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:	107	Resp:	1005960
Ion	Ratio	Lower	Upper
107	100		
108	89.8	75.8	115.8
77	82.1	86.5	126.5
79	28.5	12.9	52.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1430855

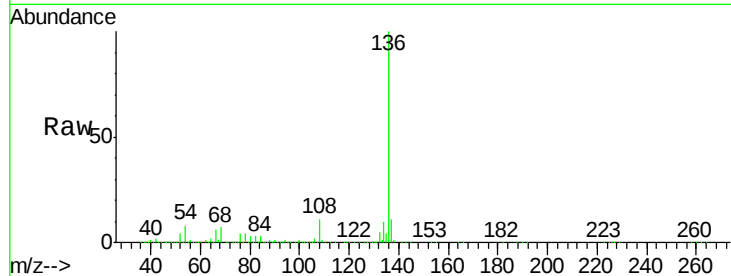
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.6 5.8 8.6

68 6.6 5.0 7.4

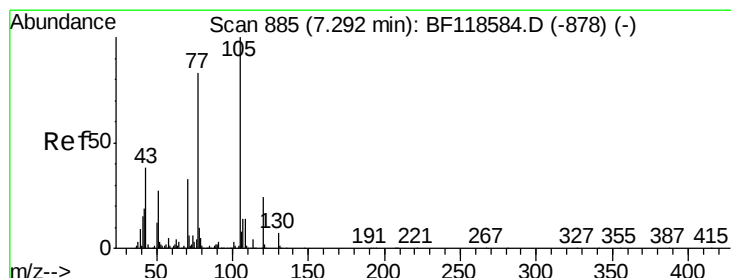
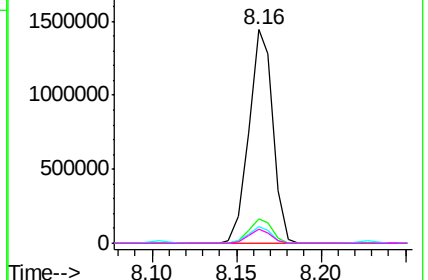
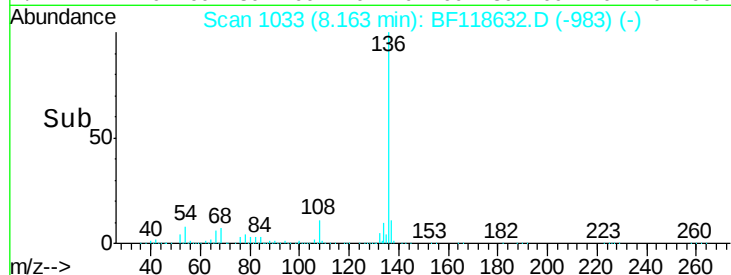


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.664 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion:105 Resp: 1378342

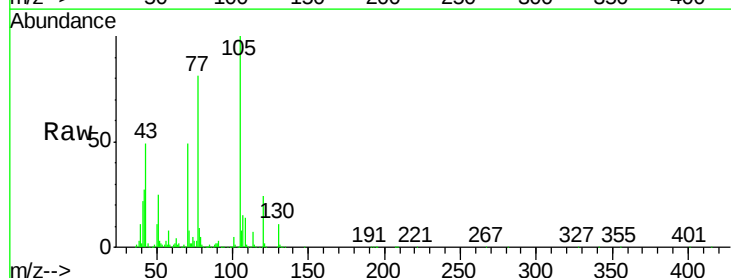
Ion Ratio Lower Upper

105 100

71 8.4 4.5 6.7#

51 24.6 21.5 32.3

120 24.5 19.0 28.6

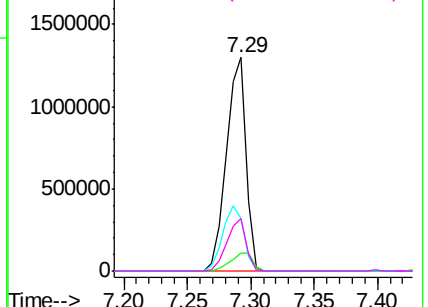
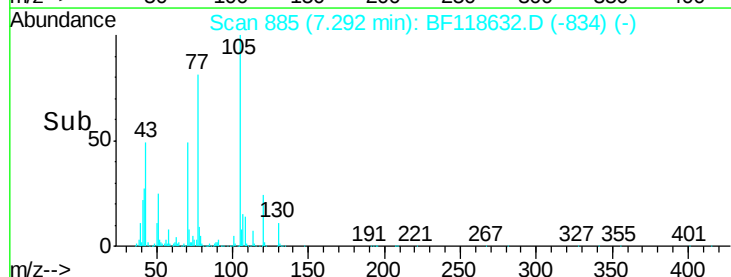


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

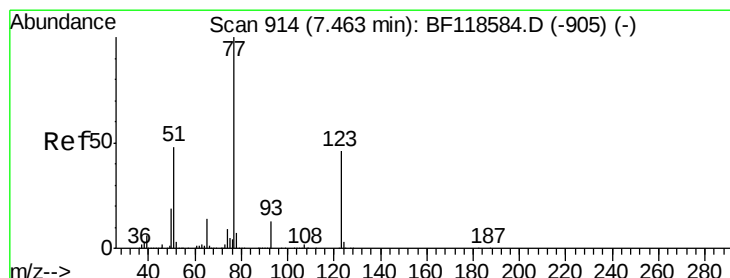
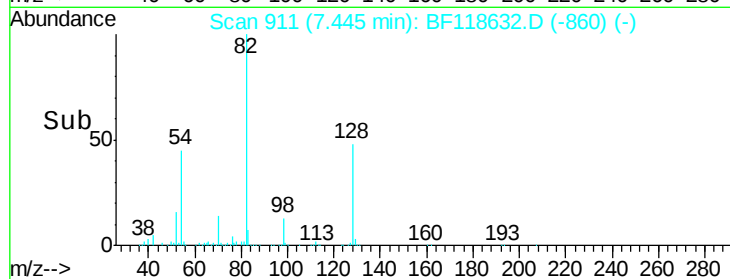
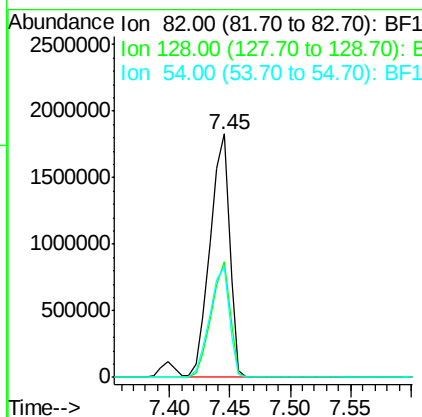
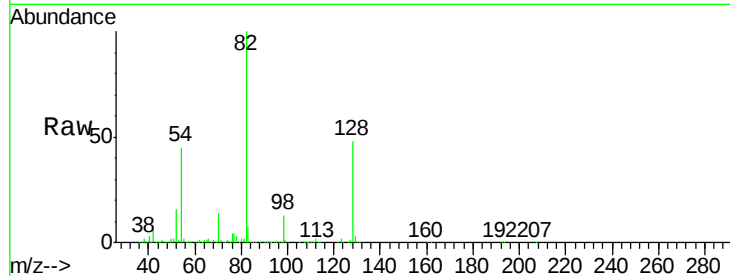




#23
Nitrobenzene-d5
Concen: 79.401 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

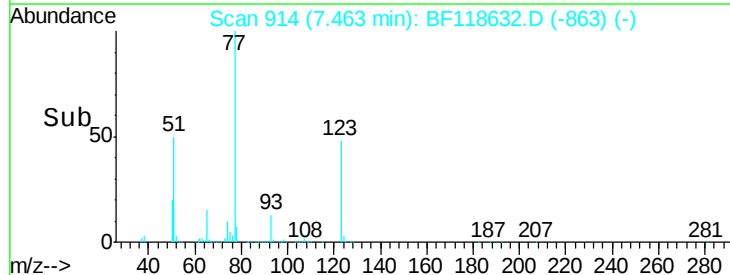
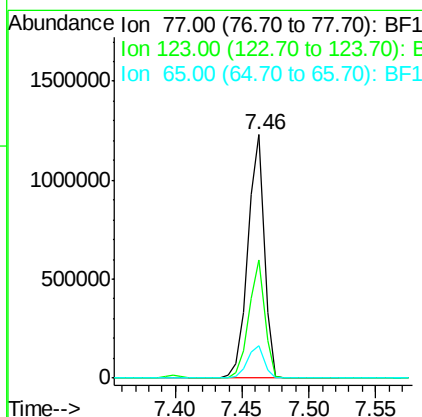
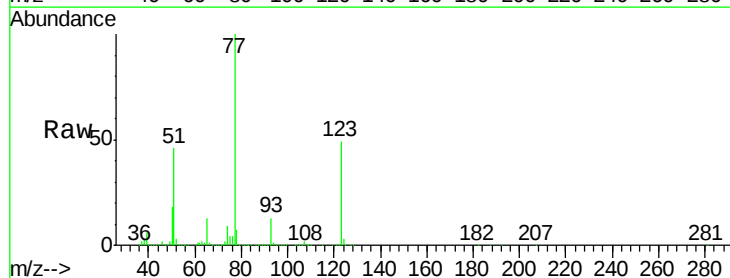
Instrument :
BNA_F
ClientSampled :

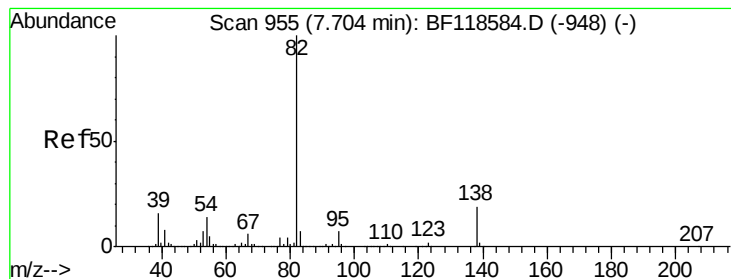
Tot Ion: 82 Resp: 2031180
Ion Ratio Lower Upper
82 100
128 47.6 36.6 54.8
54 45.4 38.0 57.0



#24
Nitrobenzene
Concen: 39.535 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion: 77 Resp: 1035552
Ion Ratio Lower Upper
77 100
123 48.5 37.0 55.4
65 13.4 11.1 16.7





#25

Isophorone

Concen: 40.596 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

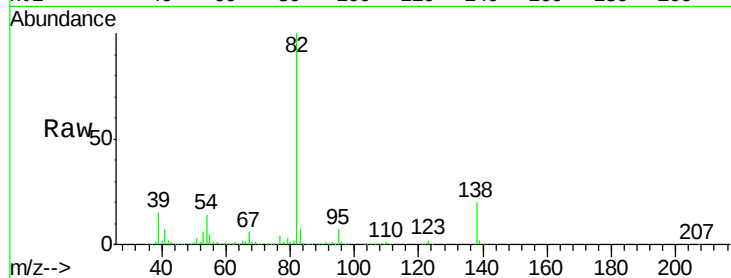
Tot Ion: 82 Resp: 1894160

Ion Ratio Lower Upper

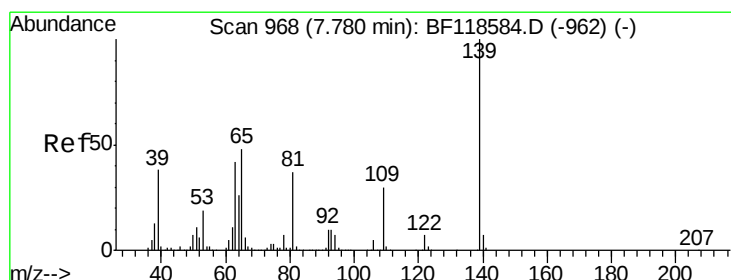
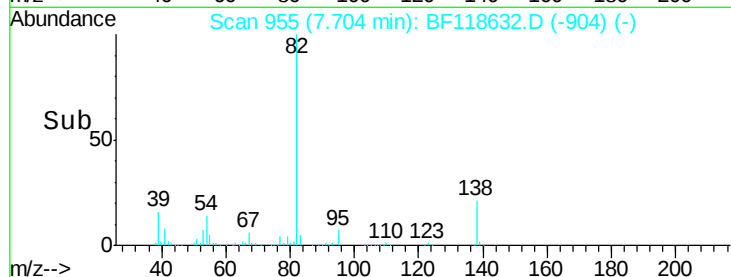
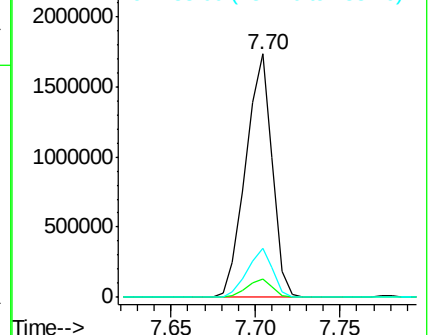
82 100

95 7.3 5.9 8.9

138 19.9 15.3 22.9



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



#26

2-Nitrophenol

Concen: 42.796 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

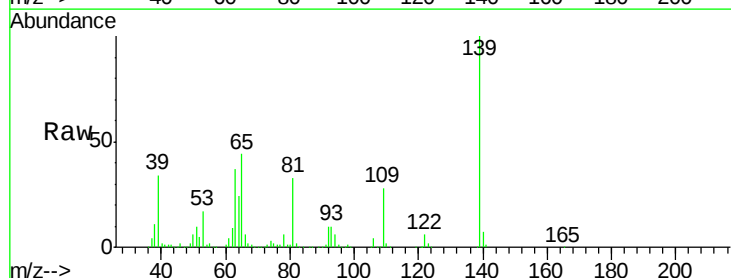
Tgt Ion: 139 Resp: 478032

Ion Ratio Lower Upper

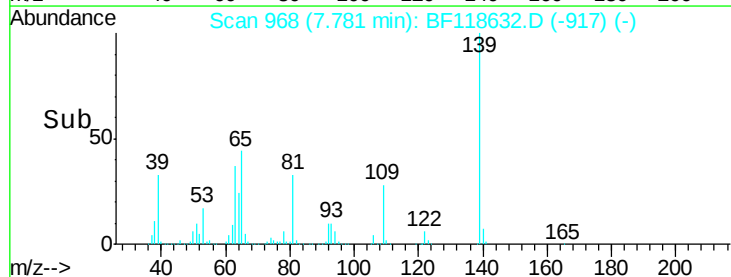
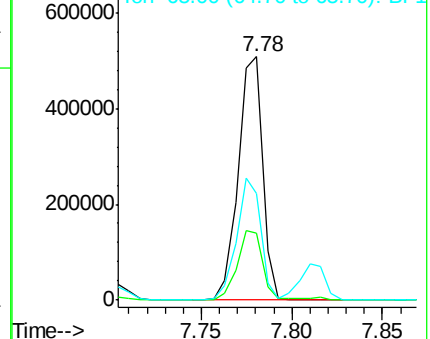
139 100

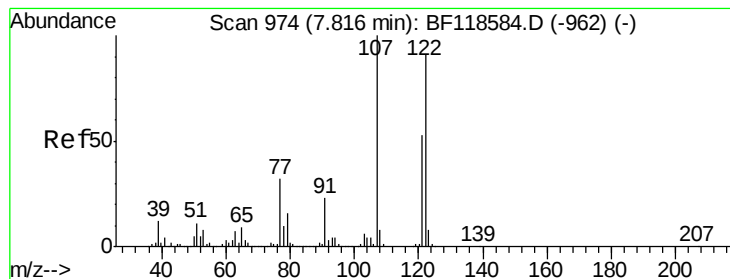
109 27.7 23.8 35.8

65 43.9 38.5 57.7



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





#27

2,4-Dimethylphenol

Concen: 39.291 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

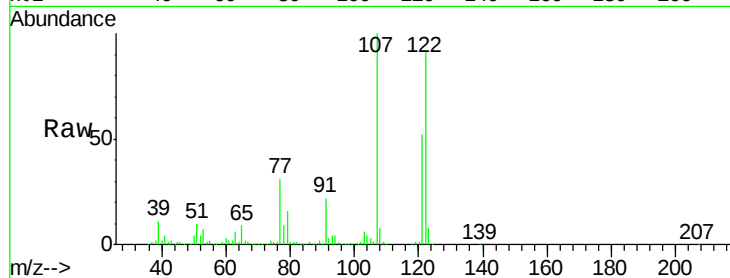
Tot Ion:122 Resp: 757859

Ion Ratio Lower Upper

122 100

107 109.6 88.0 132.0

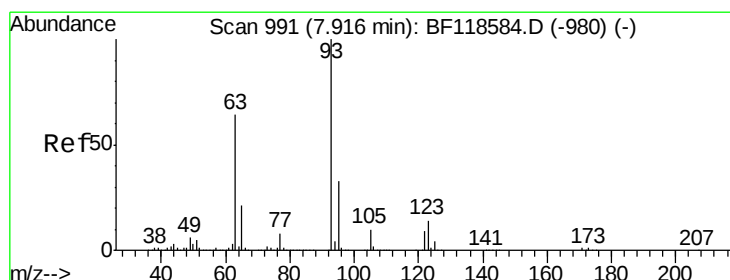
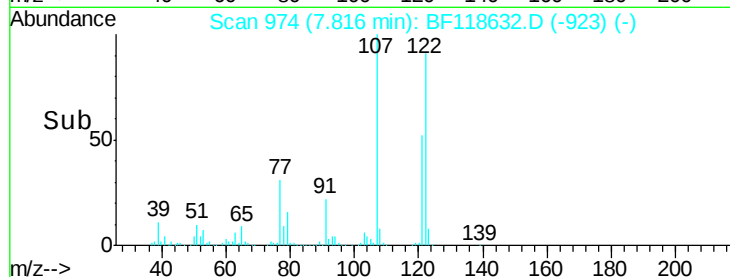
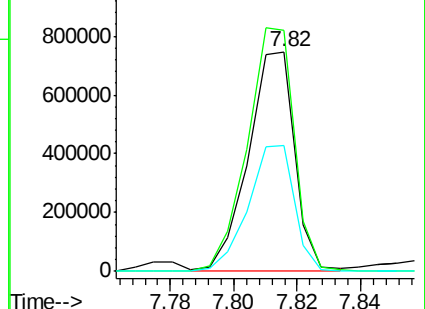
121 57.2 46.3 69.5



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: 41.338 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

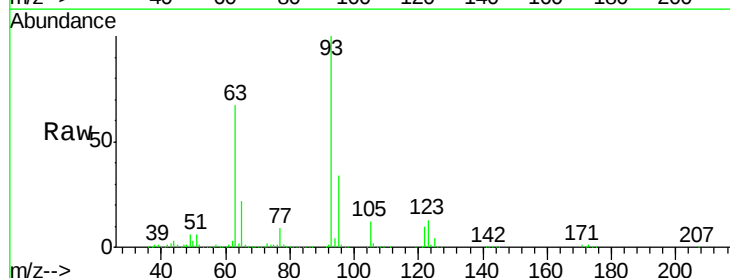
Tgt Ion: 93 Resp: 1242803

Ion Ratio Lower Upper

93 100

95 33.8 26.7 40.1

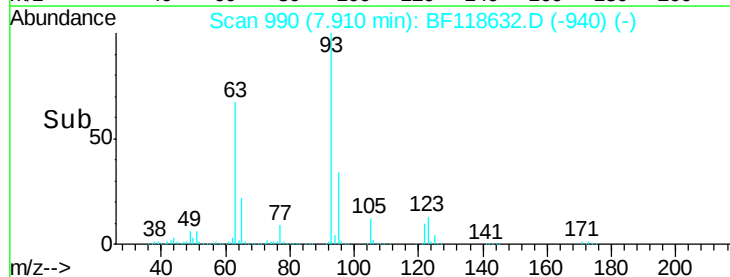
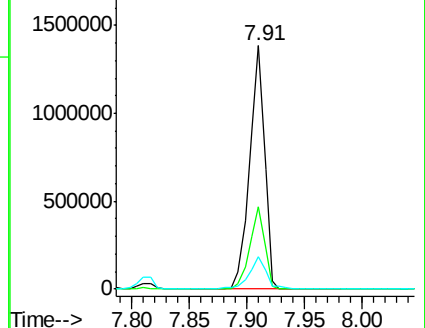
123 13.2 11.0 16.6

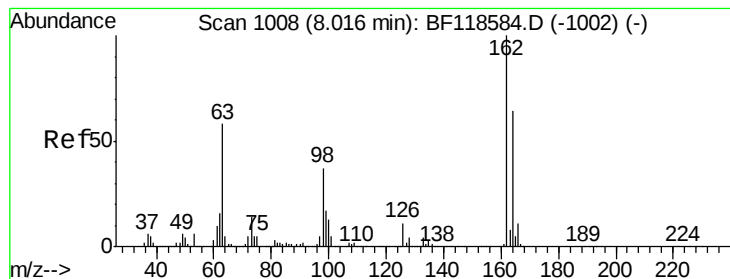


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.769 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampled :

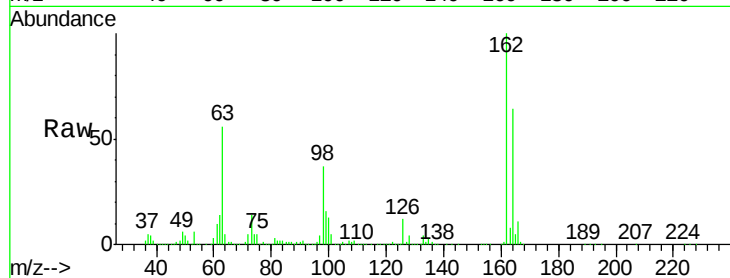
Tot Ion:162 Resp: 890606

Ion Ratio Lower Upper

162 100

164 63.8 44.3 84.3

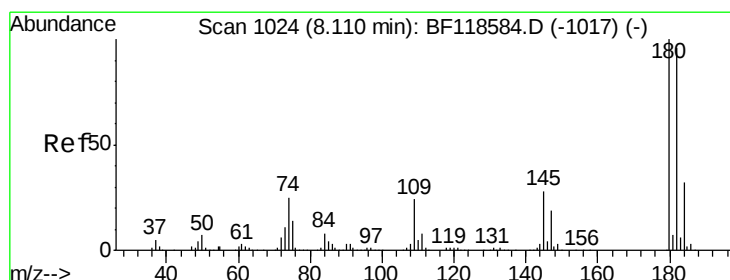
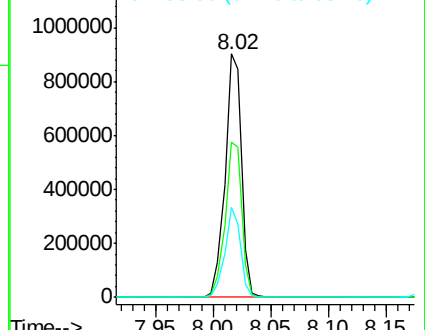
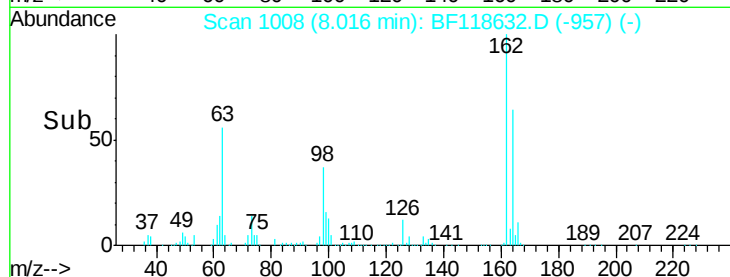
98 37.2 17.5 57.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.615 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

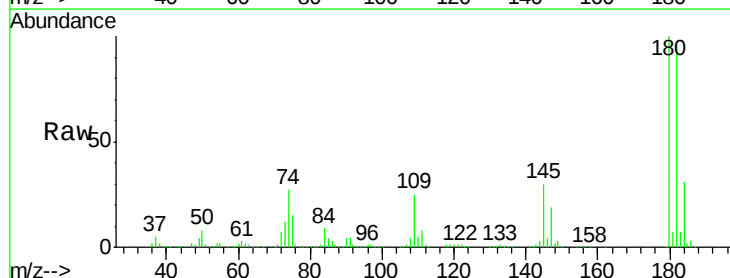
Tgt Ion:180 Resp: 1028836

Ion Ratio Lower Upper

180 100

182 96.2 76.9 115.3

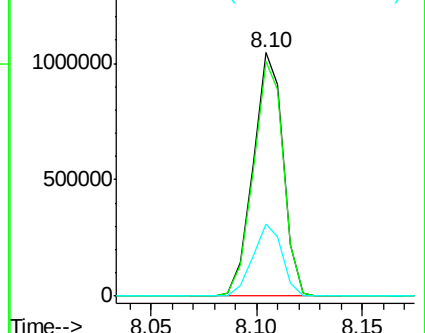
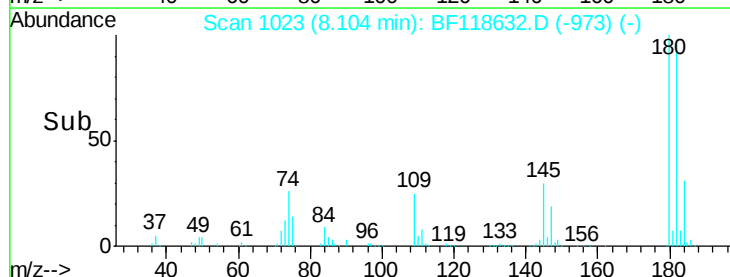
145 29.8 22.8 34.2

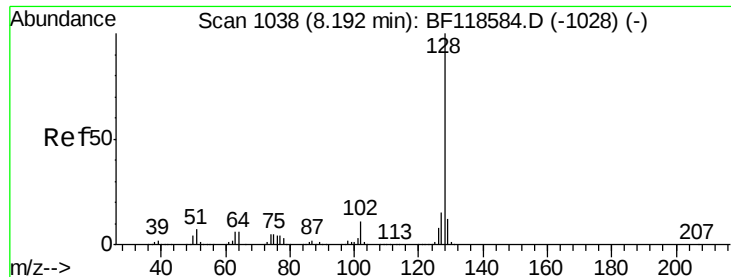


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

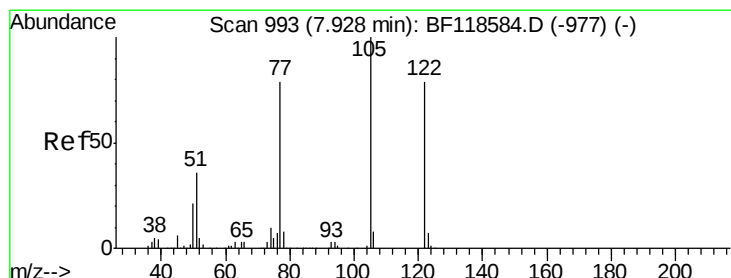
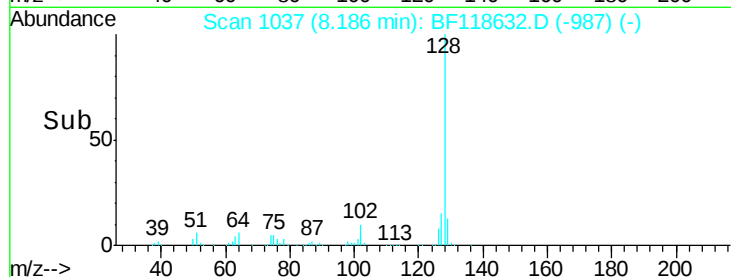
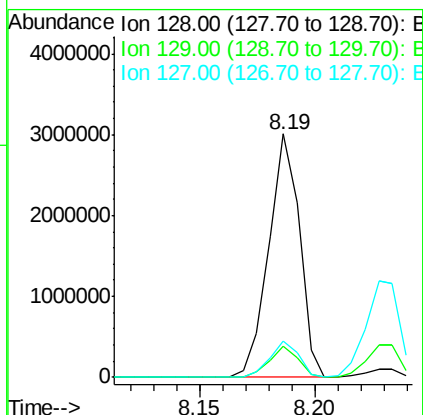
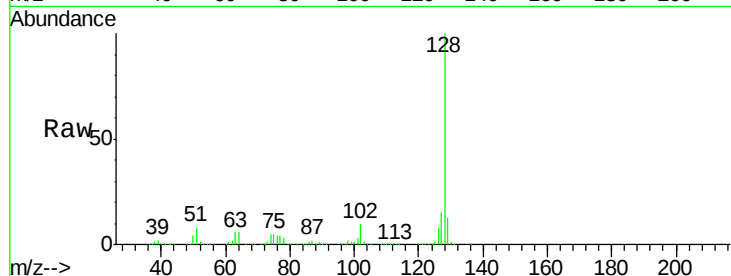




#31
Naphthalene
Concen: 43.139 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

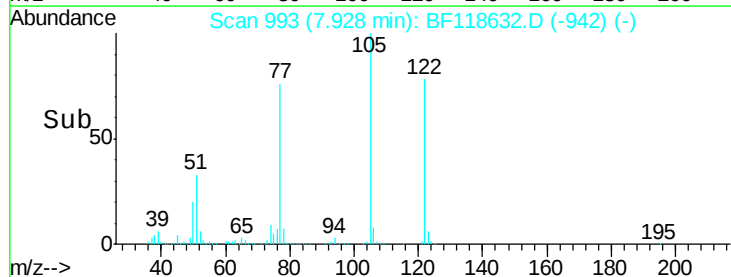
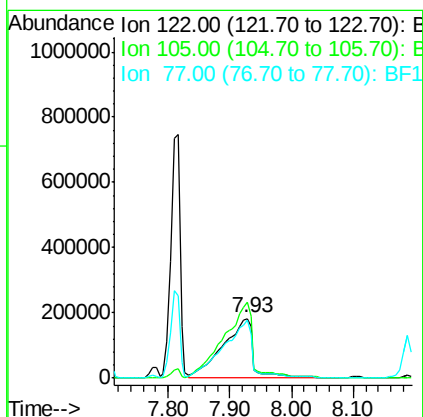
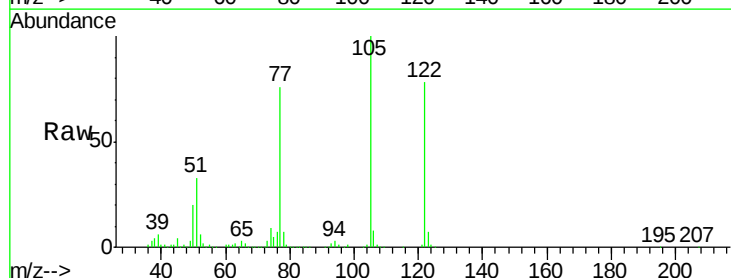
Instrument :
BNA_F
ClientSampleId :

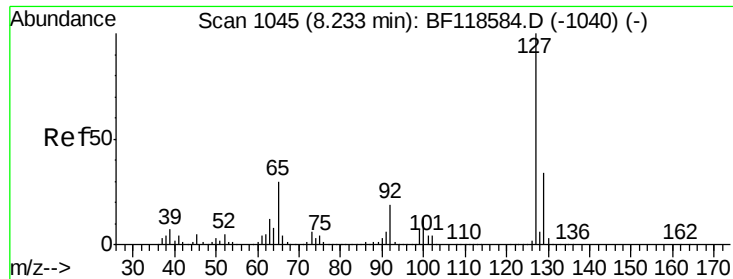
Tot Ion:128 Resp: 2788360
Ion Ratio Lower Upper
128 100
129 12.5 9.9 14.9
127 14.8 12.0 18.0



#32
Benzoic acid
Concen: 42.553 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:122 Resp: 615991
Ion Ratio Lower Upper
122 100
105 127.9 104.3 144.3
77 97.7 79.4 119.4

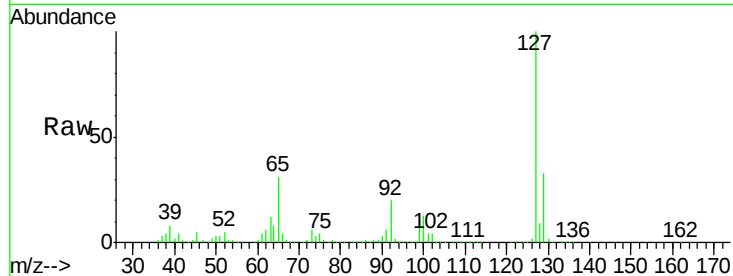




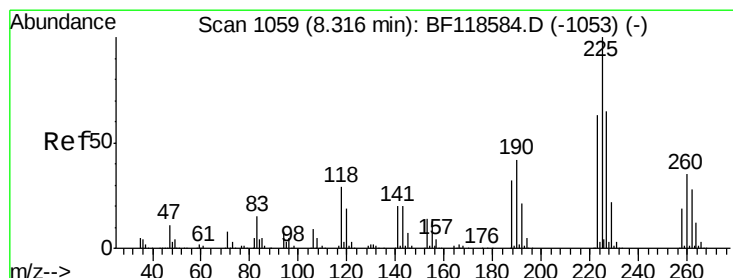
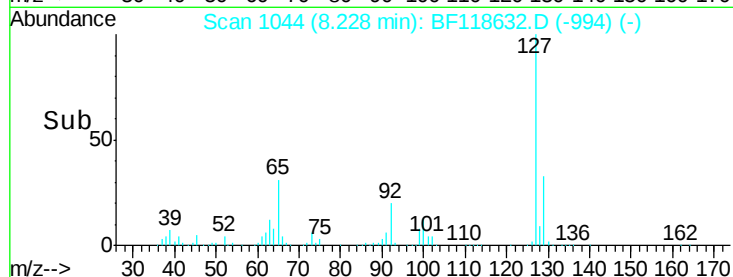
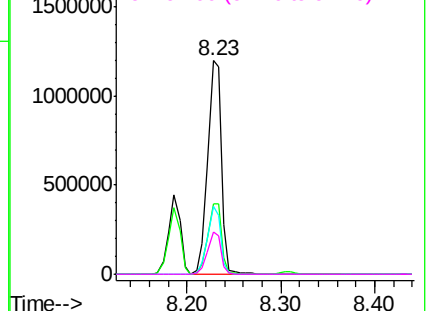
#33
4-Chloroaniline
Concen: 41.408 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1237060
Ion Ratio Lower Upper
127 100
129 33.1 27.4 41.0
65 31.5 23.6 35.4
92 20.0 15.0 22.4

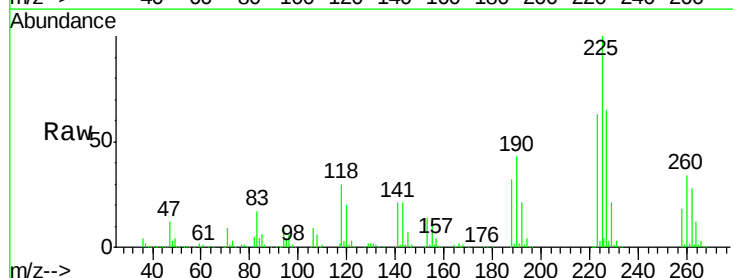


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

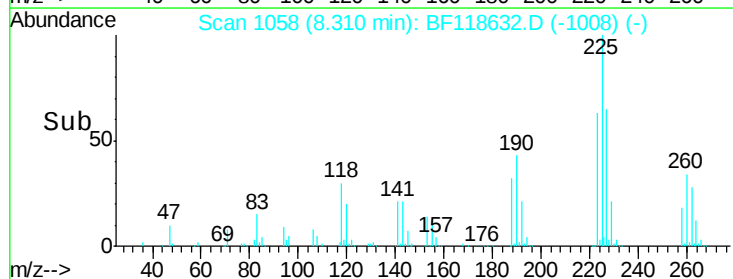
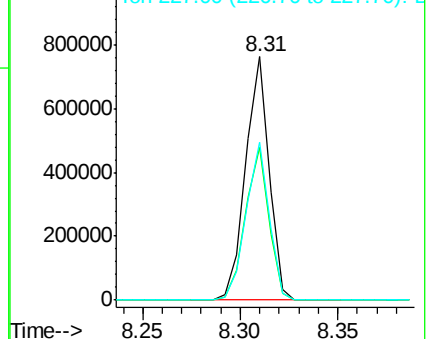


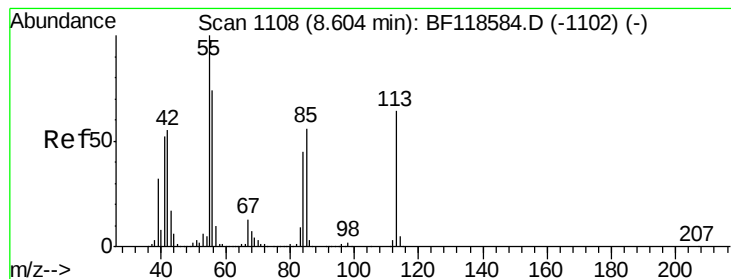
#34
Hexachlorobutadiene
Concen: 42.137 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:225 Resp: 634409
Ion Ratio Lower Upper
225 100
223 62.9 50.2 75.4
227 64.9 52.1 78.1



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





#35

Caprolactam

Concen: 39.909 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

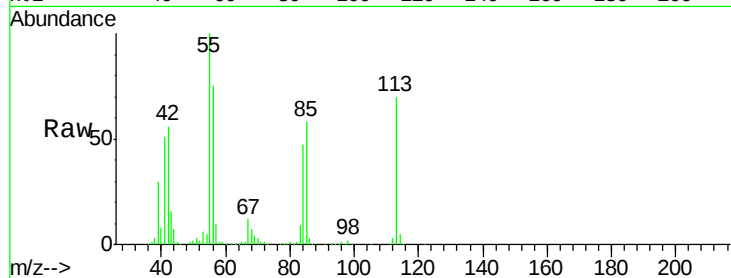
Tot Ion:113 Resp: 278477

Ion Ratio Lower Upper

113 100

55 142.1 136.1 176.1

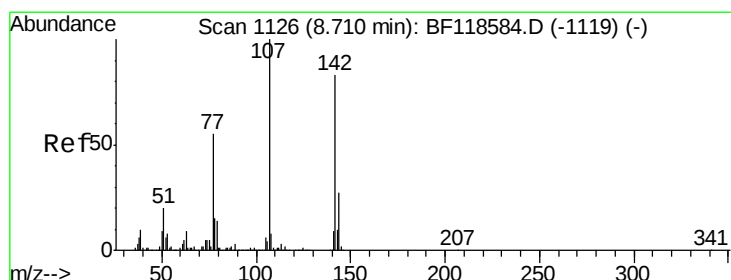
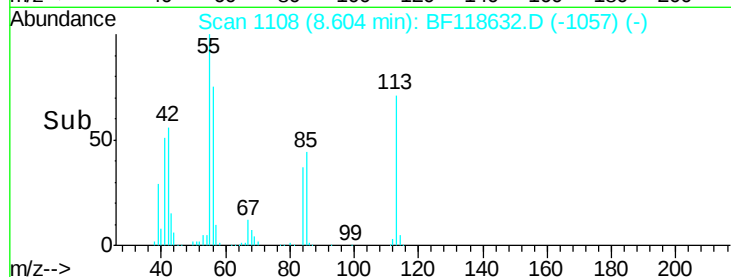
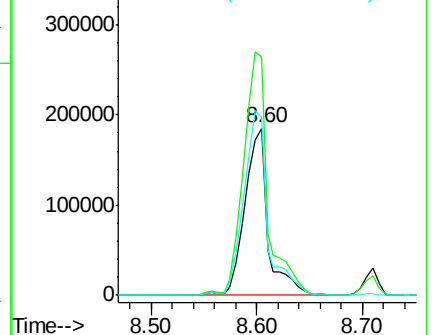
56 106.7 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.985 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

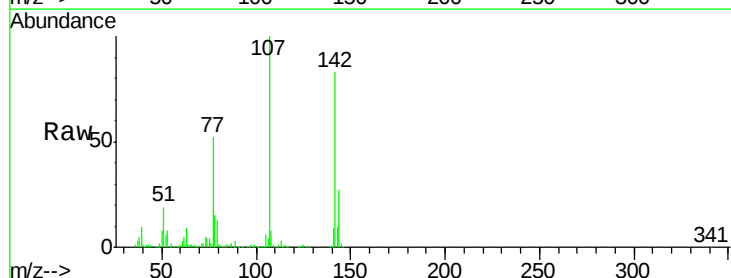
Tgt Ion:107 Resp: 862969

Ion Ratio Lower Upper

107 100

144 27.5 21.8 32.8

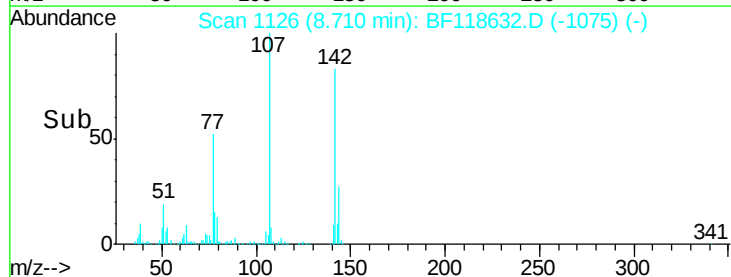
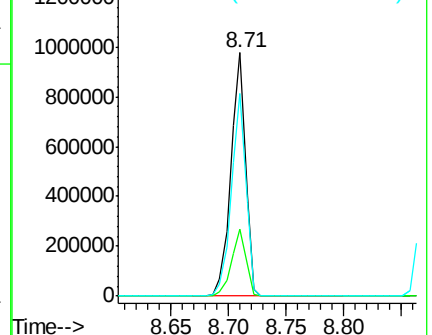
142 83.0 66.5 99.7

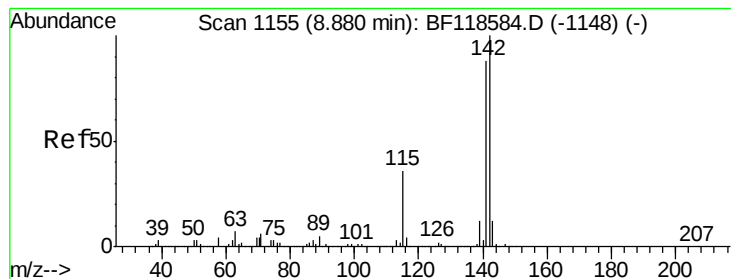


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.328 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

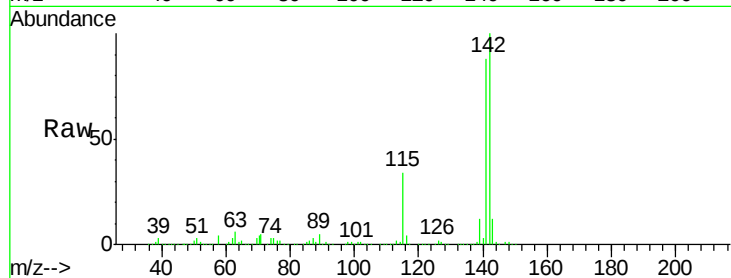
Tot Ion:142 Resp: 1931203

Ion Ratio Lower Upper

142 100

141 88.4 70.7 106.1

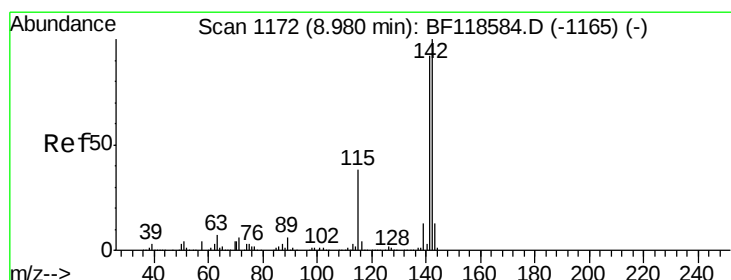
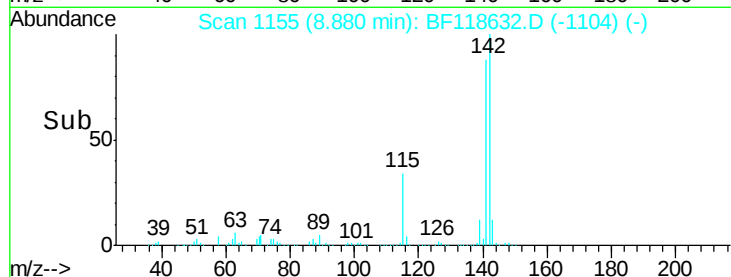
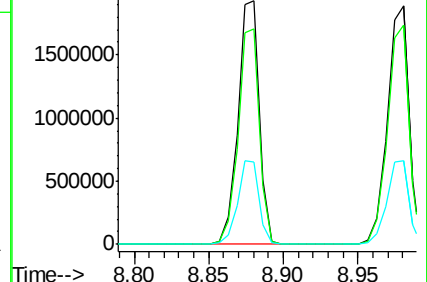
115 34.0 28.5 42.7



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: 42.800 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

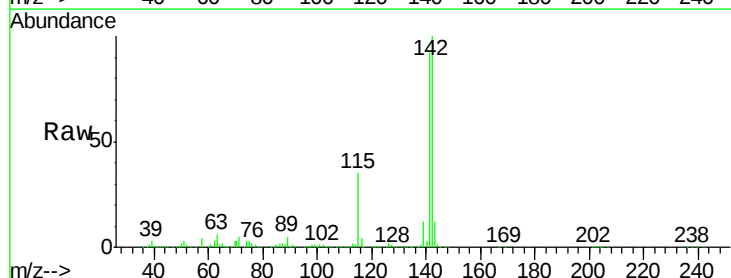
Tgt Ion:142 Resp: 1855181

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2

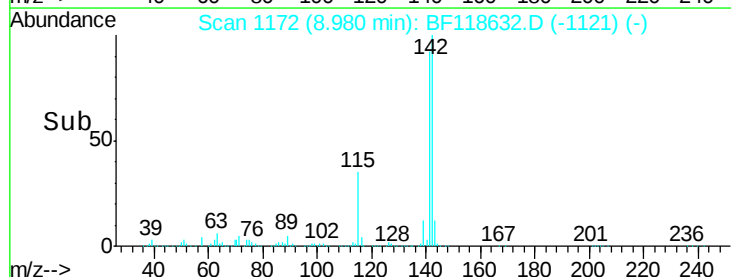
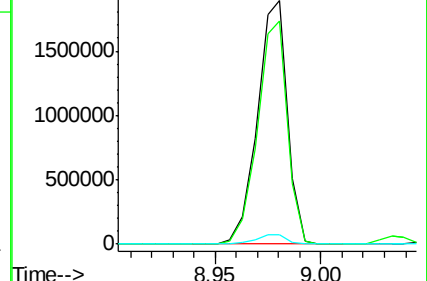
116 3.7 3.3 4.9

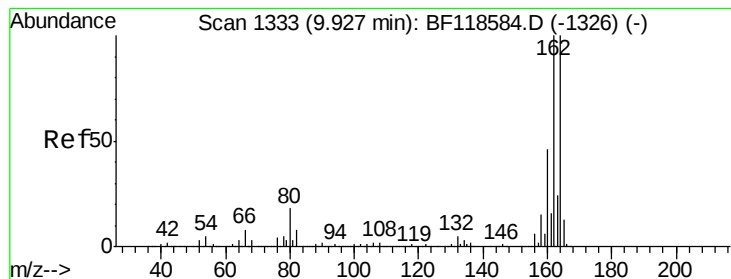


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

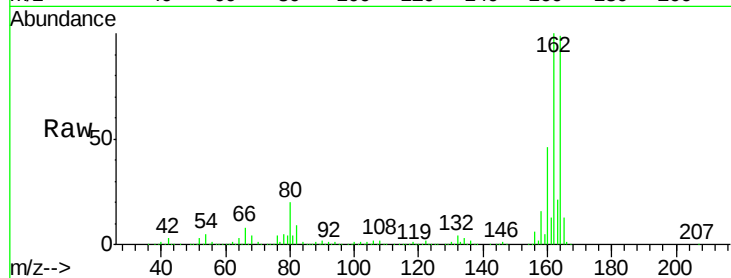
Tot Ion:164 Resp: 807961

Ion Ratio Lower Upper

164 100

162 101.3 80.4 120.6

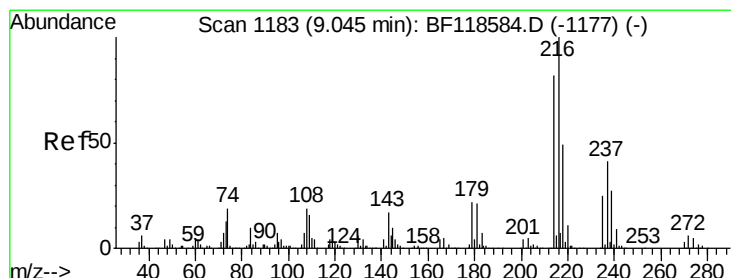
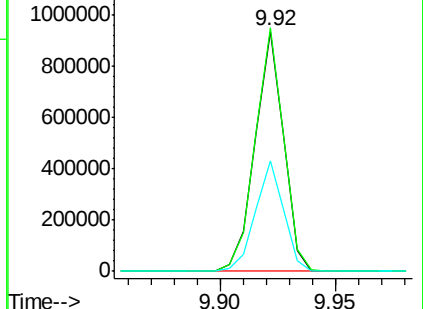
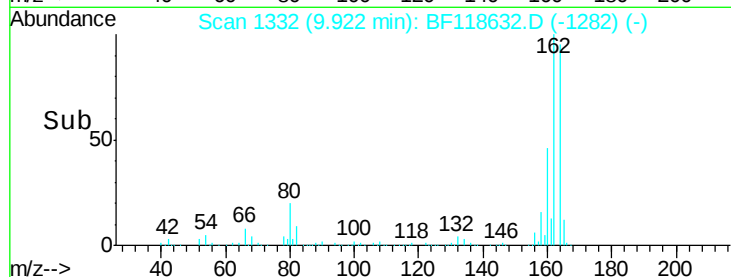
160 46.2 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.197 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion:216 Resp: 1066777

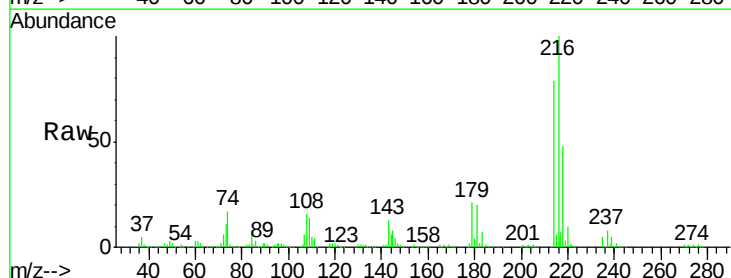
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 20.4 16.6 25.0

108 17.5 14.4 21.6

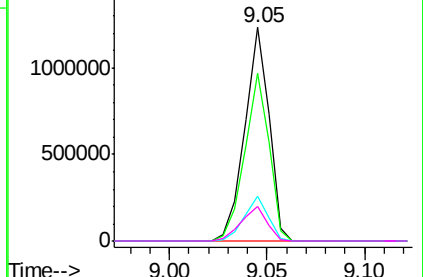
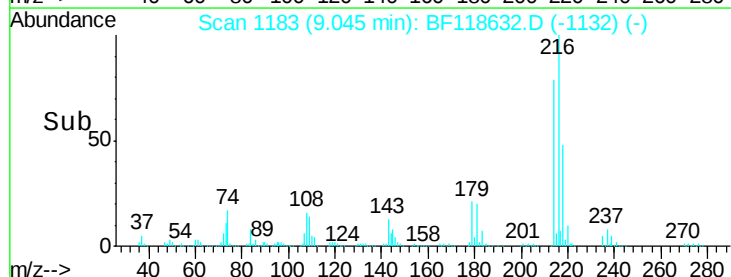


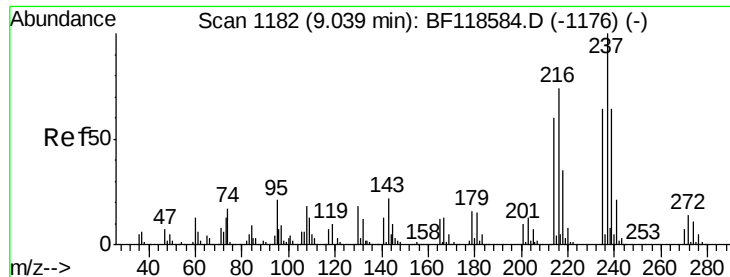
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.932 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

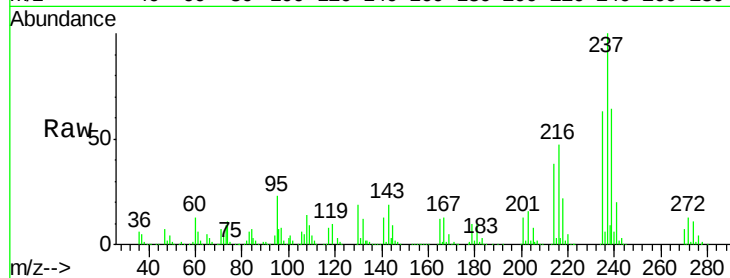
Tot Ion:237 Resp: 458306

Ion Ratio Lower Upper

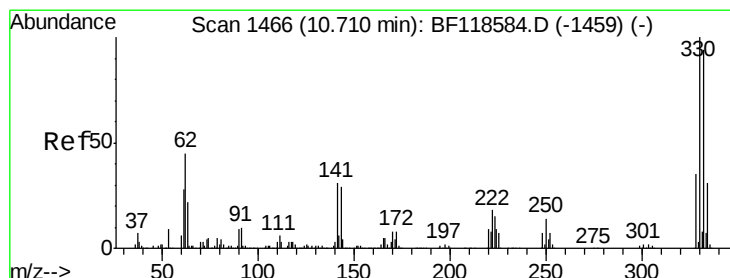
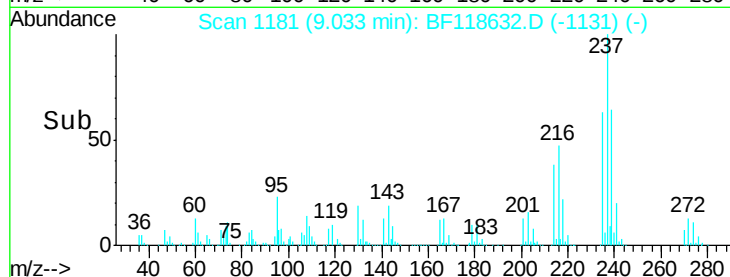
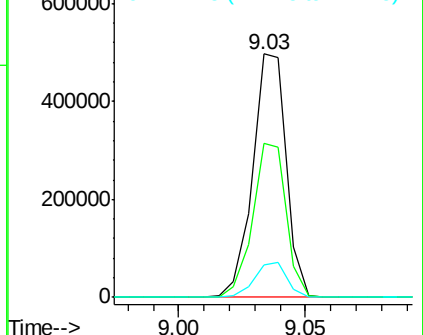
237 100

235 63.3 44.0 84.0

272 13.4 0.0 34.0



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: 85.512 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

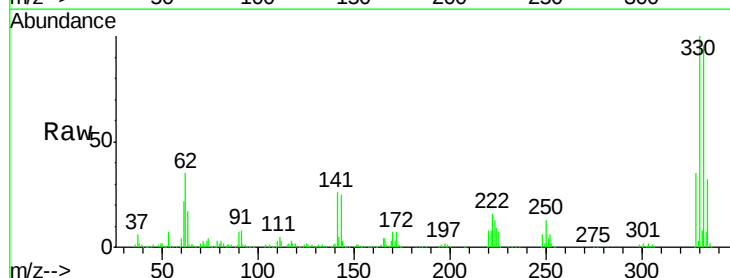
Tgt Ion:330 Resp: 799123

Ion Ratio Lower Upper

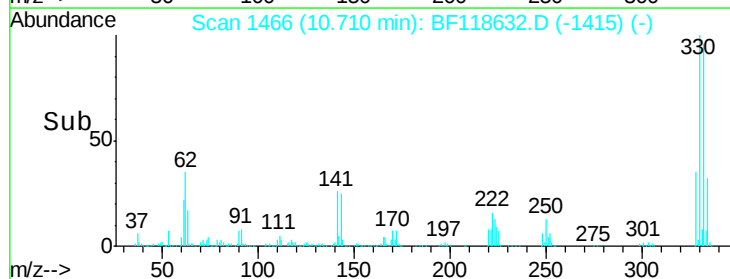
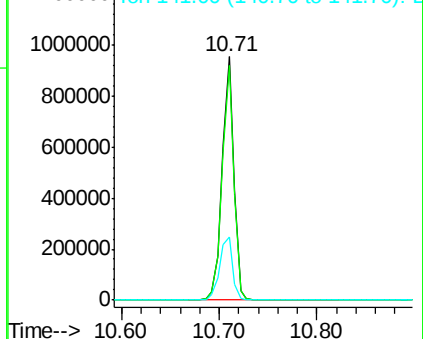
330 100

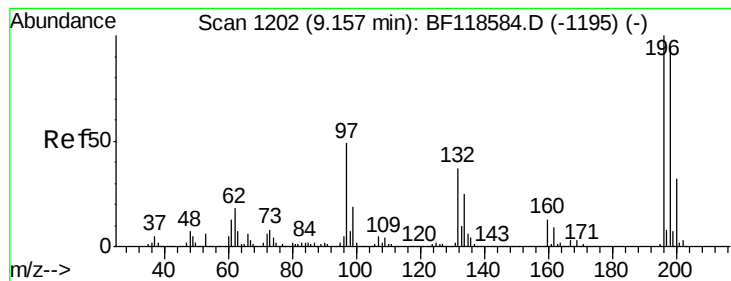
332 96.1 76.2 114.4

141 28.6 23.9 35.9



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: 41.926 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampled :

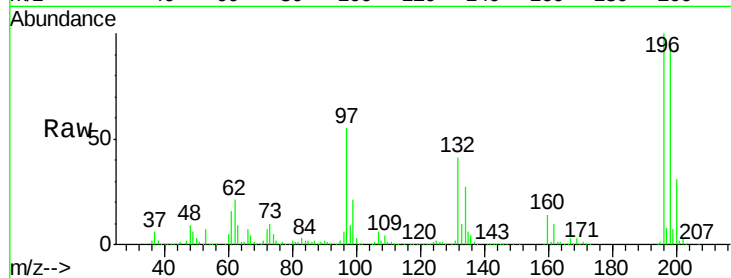
Tot Ion:196 Resp: 703339

Ion Ratio Lower Upper

196 100

198 95.5 76.3 114.5

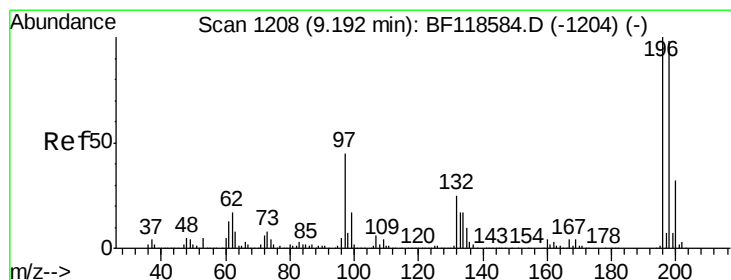
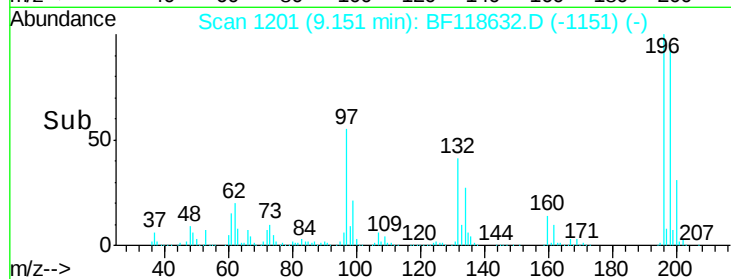
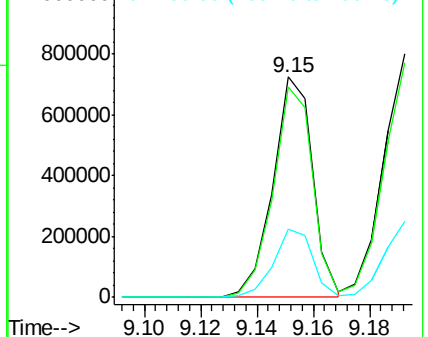
200 31.0 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.631 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion:196 Resp: 713271

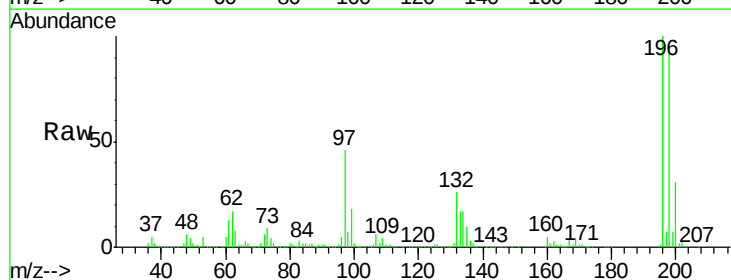
Ion Ratio Lower Upper

196 100

198 96.4 78.3 117.5

97 46.1 35.9 53.9

132 25.9 20.3 30.5

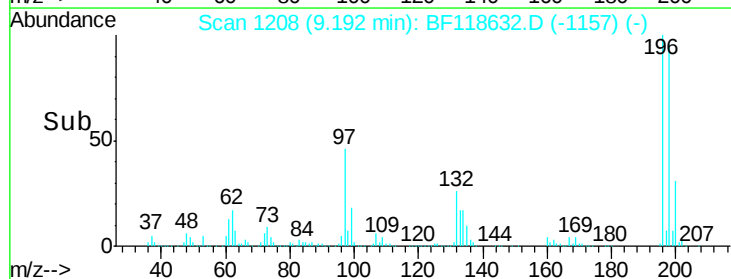
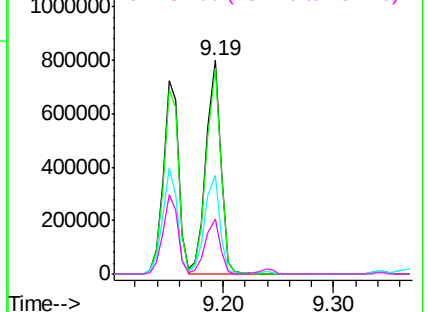


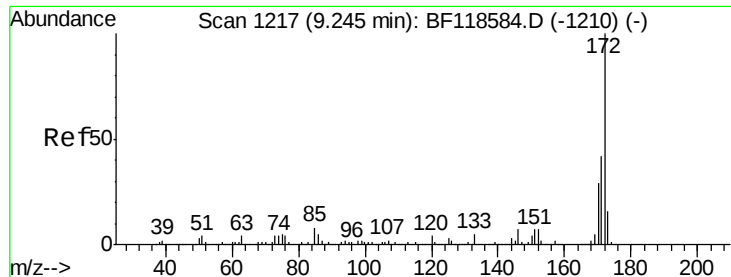
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

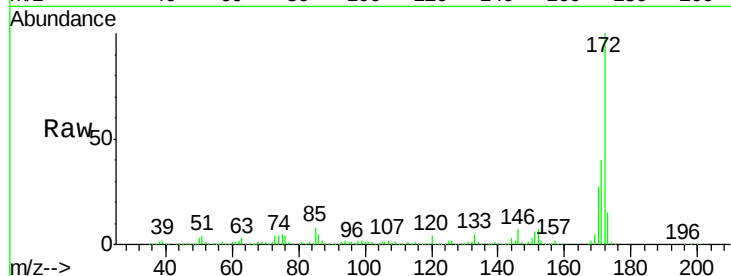




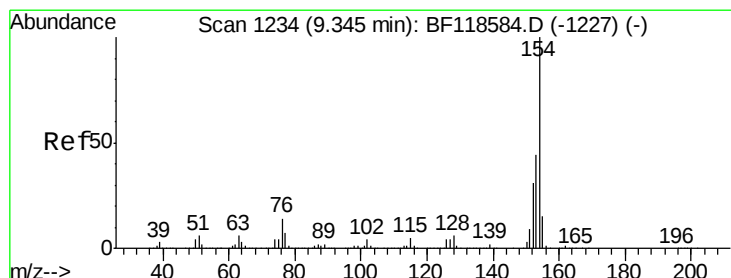
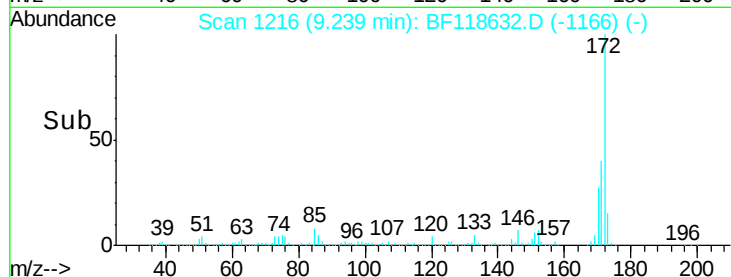
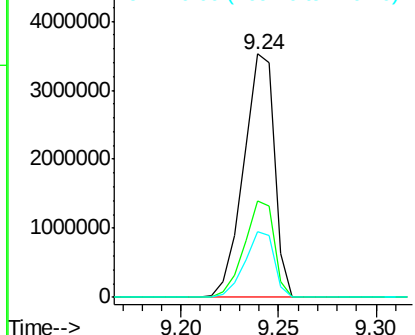
#45
2-Fluorobiphenyl
Concen: 78.423 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3855107
Ion Ratio Lower Upper
172 100
171 39.8 33.4 50.2
170 26.8 23.2 34.8

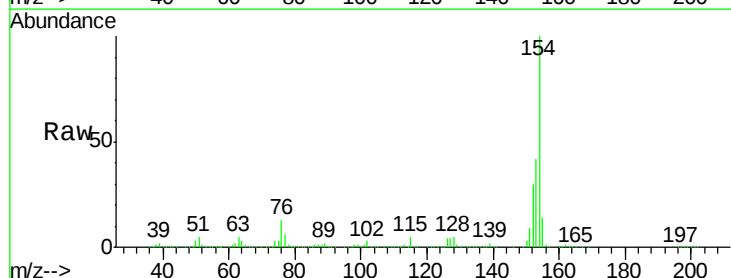


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

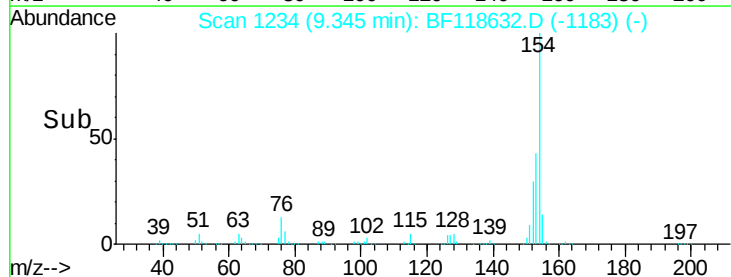
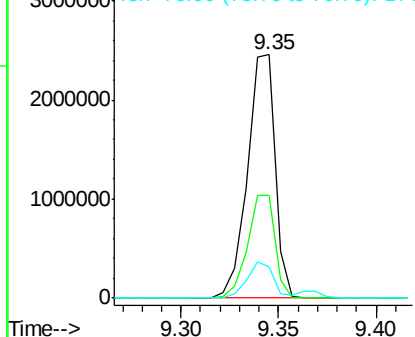


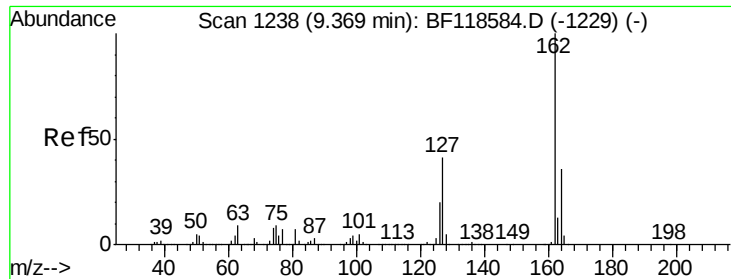
#46
1,1'-Biphenyl
Concen: 43.388 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:154 Resp: 2416069
Ion Ratio Lower Upper
154 100
153 42.5 23.8 63.8
76 12.6 0.0 34.3



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

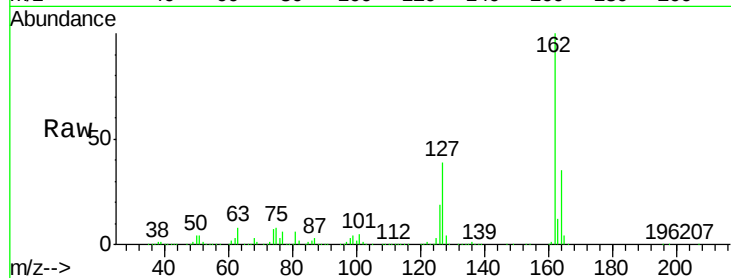




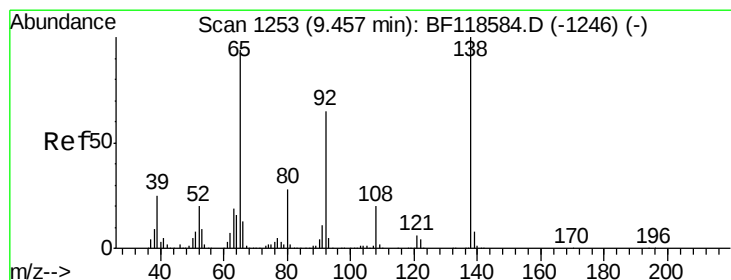
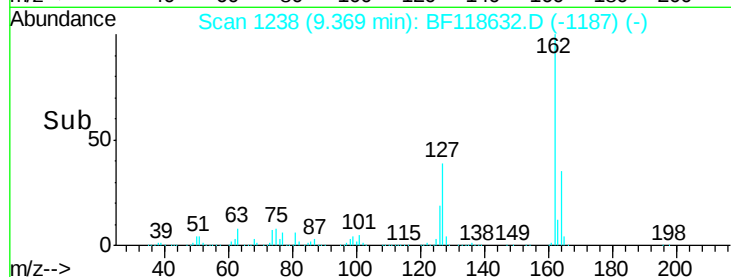
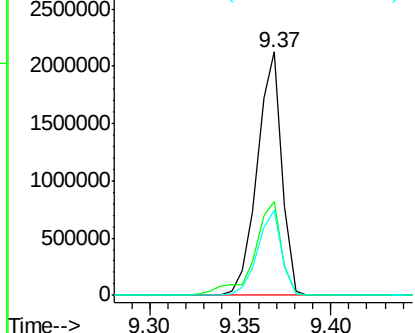
#47
 2-Chloronaphthalene
 Concen: 42.366 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1988426
 Ion Ratio Lower Upper
 162 100
 127 38.6 33.0 49.6
 164 35.1 28.6 42.8

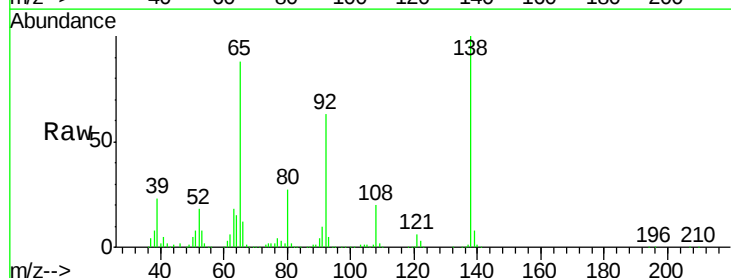


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

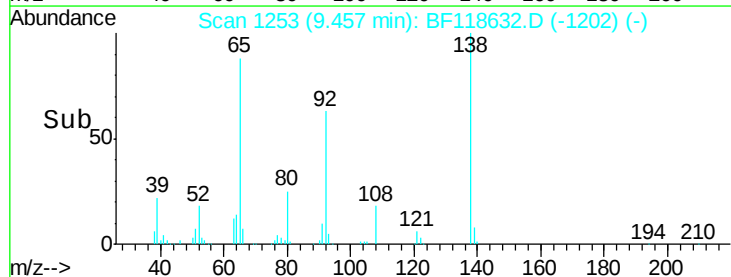
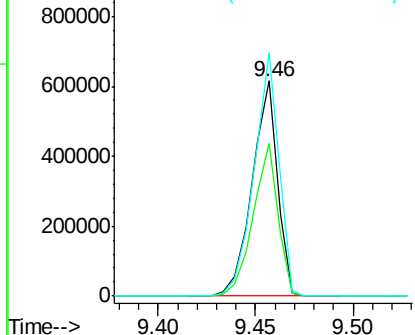


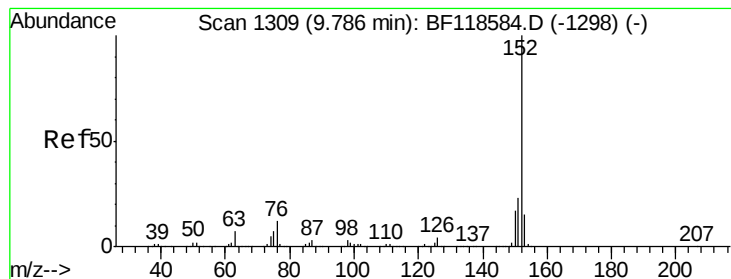
#48
 2-Nitroaniline
 Concen: 38.294 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Tgt Ion: 65 Resp: 552496
 Ion Ratio Lower Upper
 65 100
 92 71.2 55.4 83.0
 138 113.2 85.0 127.6



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: 42.843 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

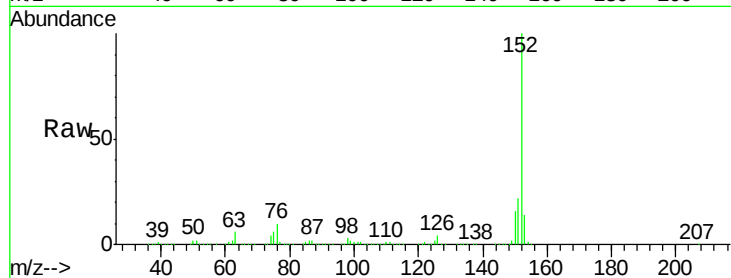
Tot Ion:152 Resp: 2828874

Ion Ratio Lower Upper

152 100

151 21.9 18.6 27.8

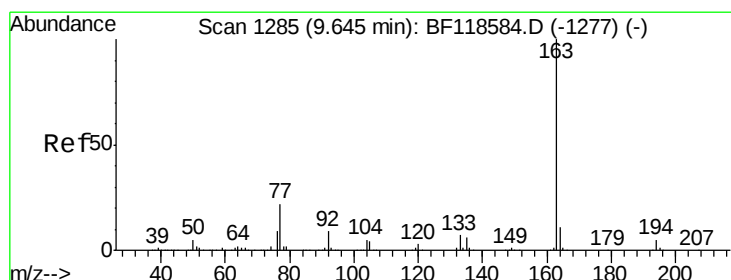
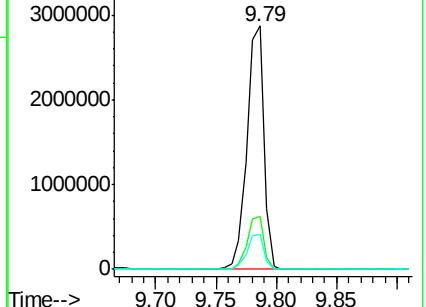
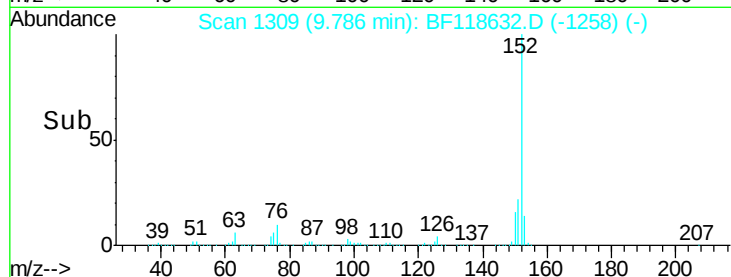
153 14.2 12.2 18.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.629 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

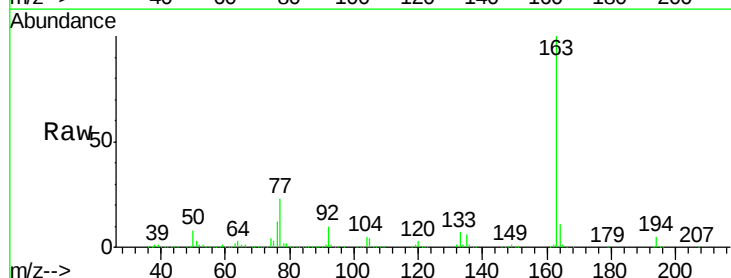
Tgt Ion:163 Resp: 2243958

Ion Ratio Lower Upper

163 100

194 4.7 3.9 5.9

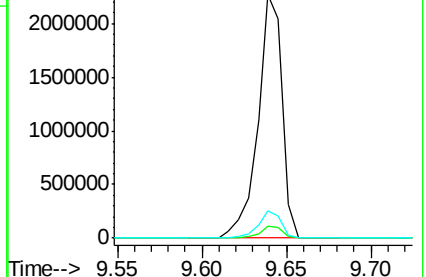
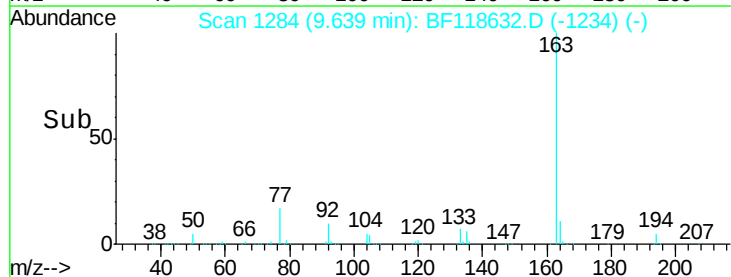
164 11.4 9.1 13.7

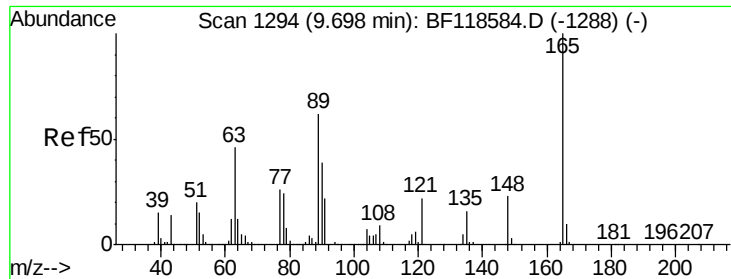


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

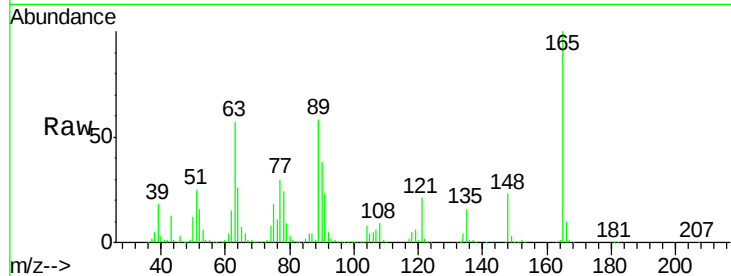




#51
2,6-Dinitrotoluene
Concen: 39.556 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :

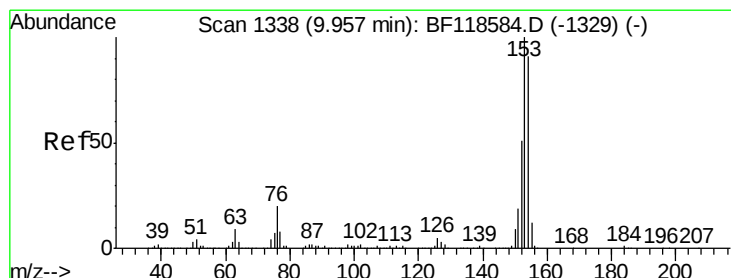
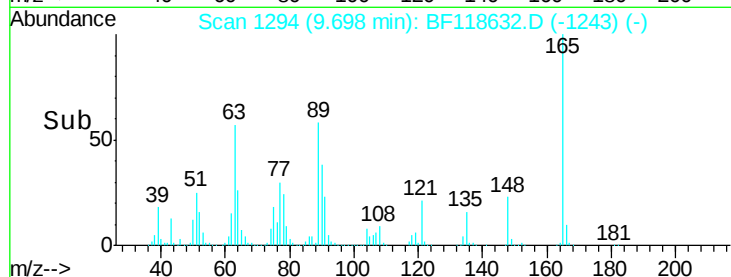
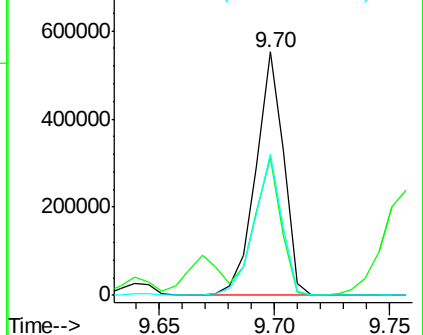
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.6	48.9	73.3
89	58.2	49.8	74.6



Abundance Ion 165.00 (164.70 to 165.70): E

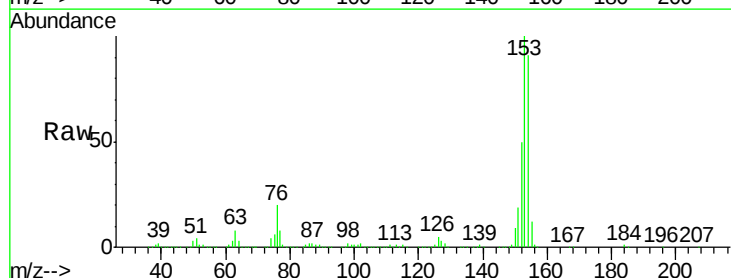
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 41.953 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

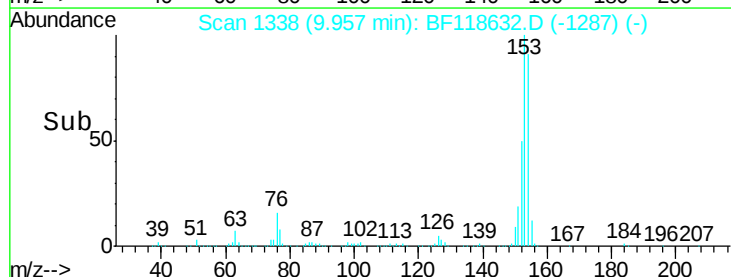
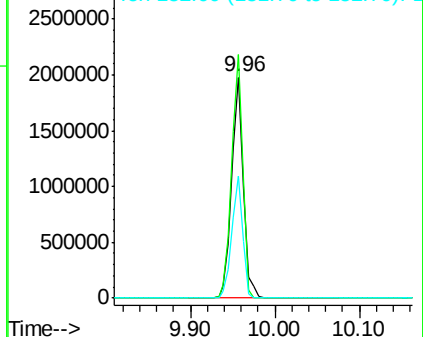
Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	87.6	131.4
152	55.1	44.4	66.6

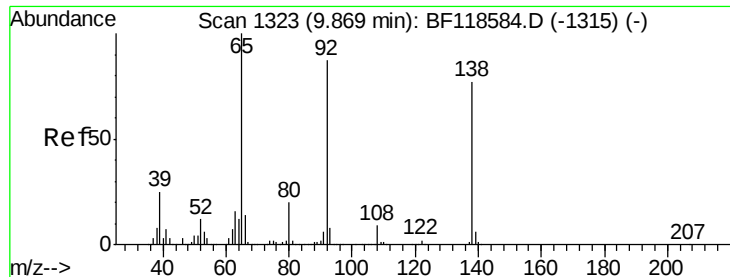


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

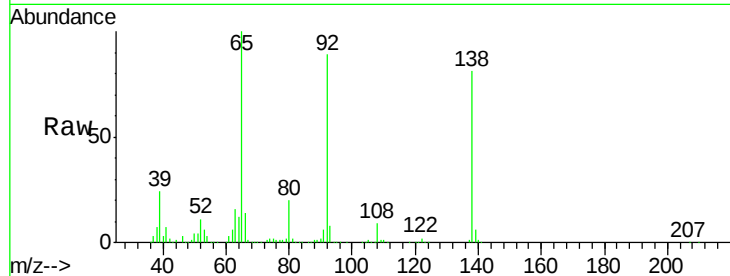




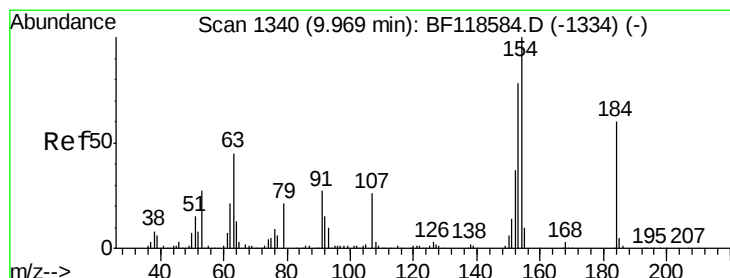
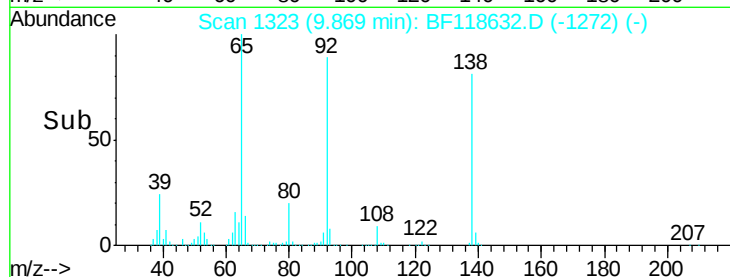
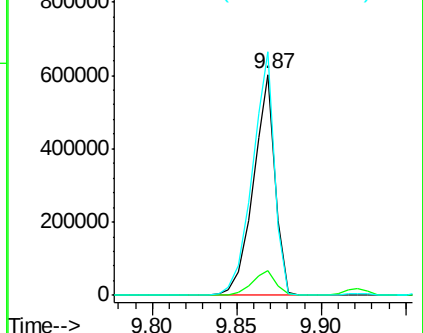
#53
3-Nitroaniline
Concen: 40.152 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 540433
Ion Ratio Lower Upper
138 100
108 11.5 9.6 14.4
92 110.3 90.6 136.0

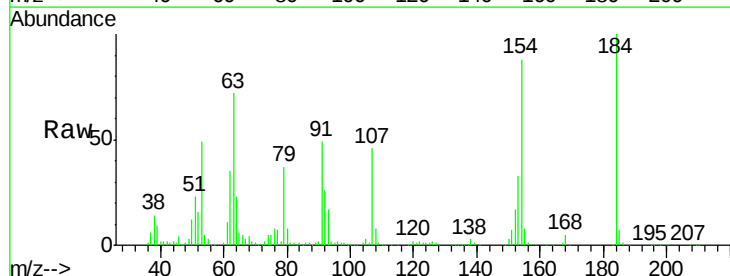


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

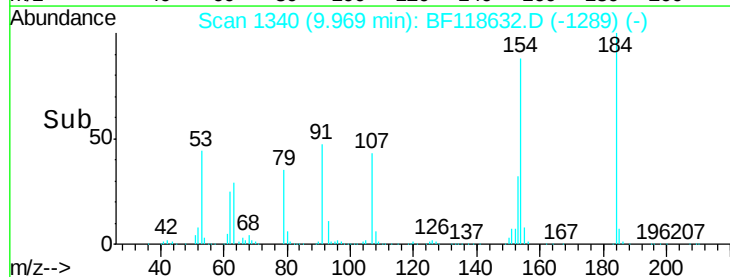
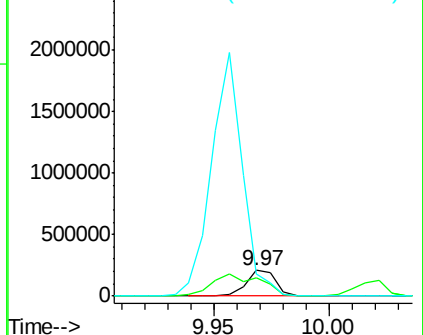


#54
2,4-Dinitrophenol
Concen: 39.935 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:184 Resp: 187927
Ion Ratio Lower Upper
184 100
63 71.9 60.6 90.8
154 88.2 137.3 205.9#



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

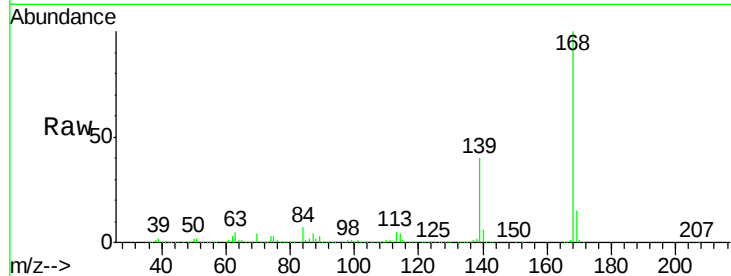




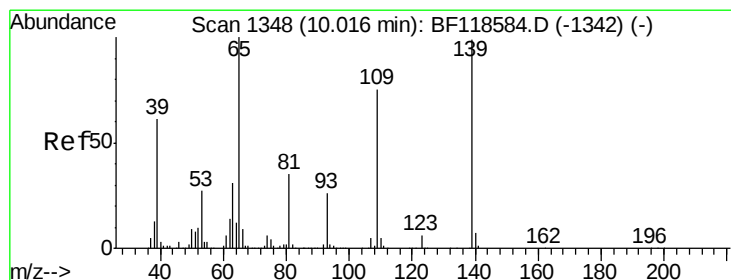
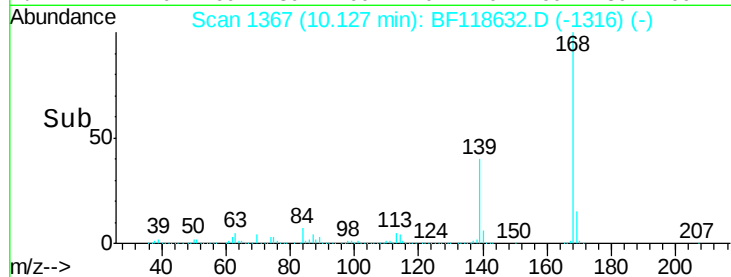
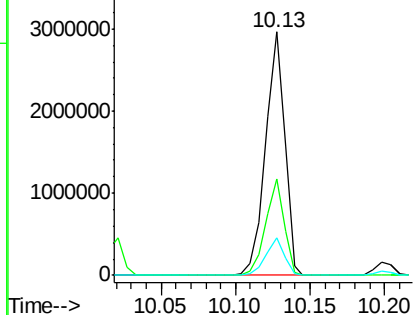
#55
Dibenzofuran
Concen: 42.673 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2610995
Ion Ratio Lower Upper
168 100
139 39.8 32.7 49.1
169 15.2 12.2 18.2

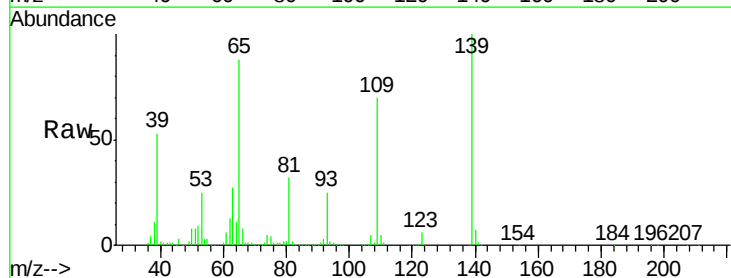


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

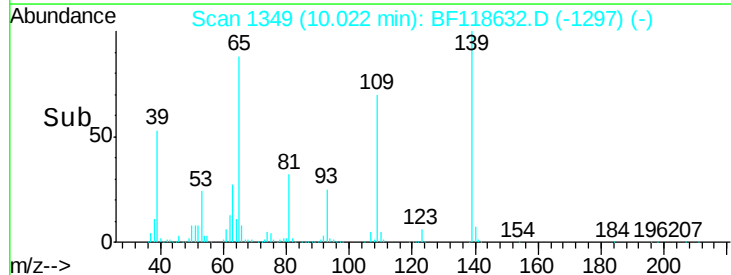
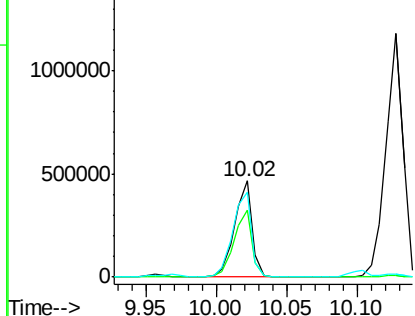


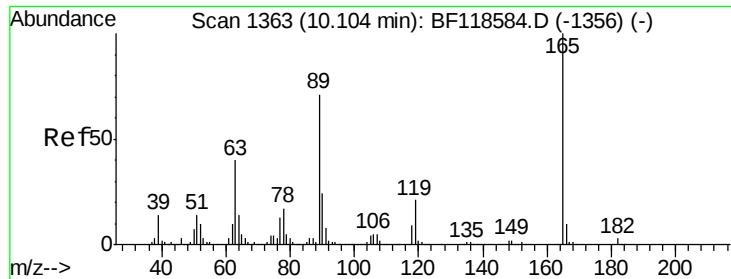
#56
4-Nitrophenol
Concen: 39.184 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:139 Resp: 398144
Ion Ratio Lower Upper
139 100
109 70.0 56.0 96.0
65 88.2 81.4 121.4



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





#57

2,4-Dinitrotoluene

Concen: 40.580 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 603011

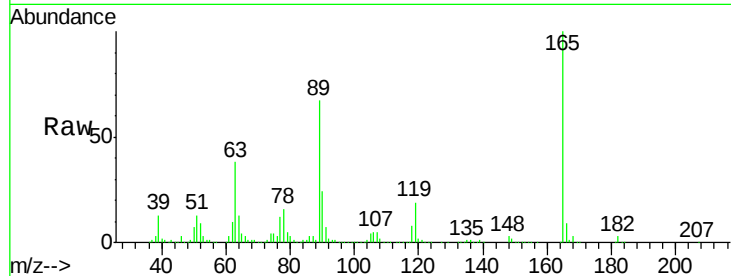
Ion Ratio Lower Upper

165 100

63 38.5 32.4 48.6

89 67.5 56.4 84.6

182 2.9 2.3 3.5

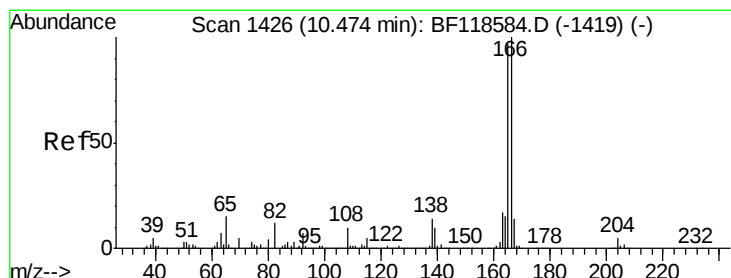
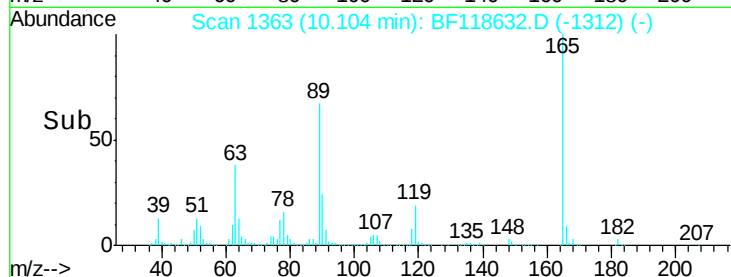
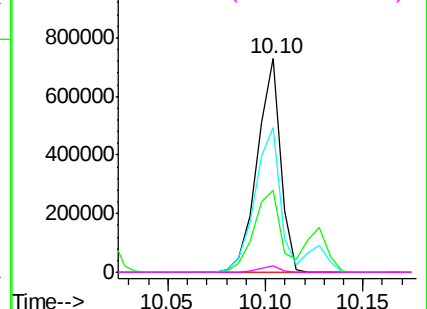


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.643 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

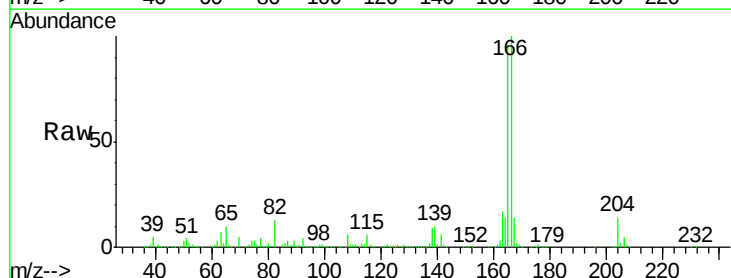
Tgt Ion:166 Resp: 2048280

Ion Ratio Lower Upper

166 100

165 96.4 77.3 115.9

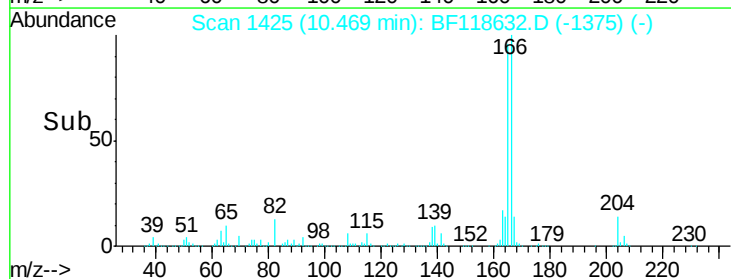
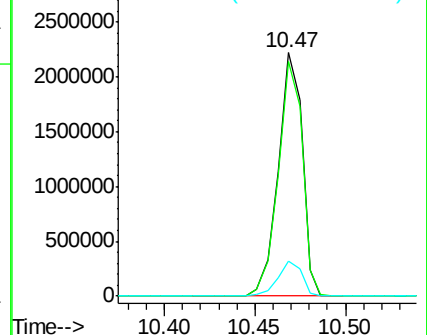
167 14.4 11.5 17.3

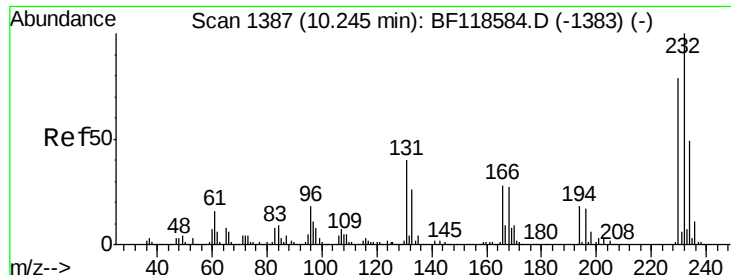


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

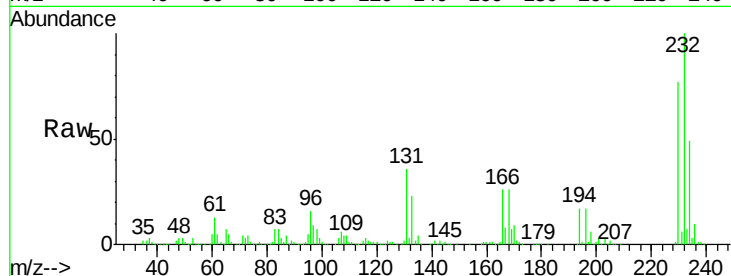




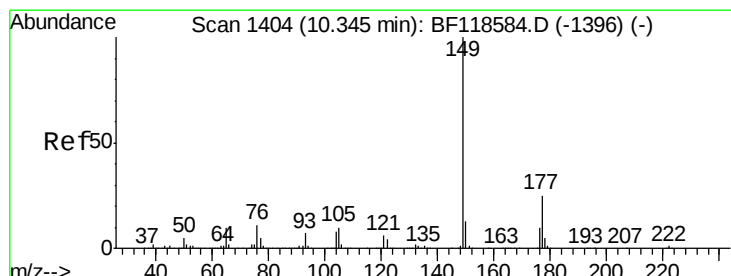
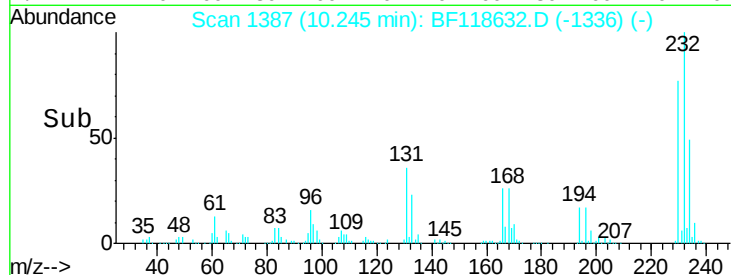
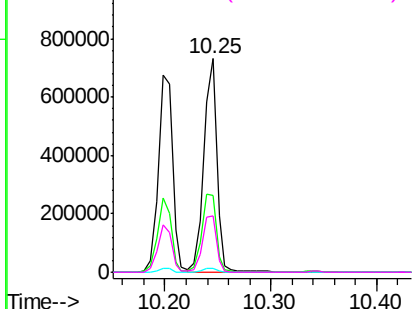
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.416 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 624125
Ion Ratio Lower Upper
232 100
131 40.5 33.2 49.8
130 2.1 1.8 2.6
166 28.5 22.6 33.8

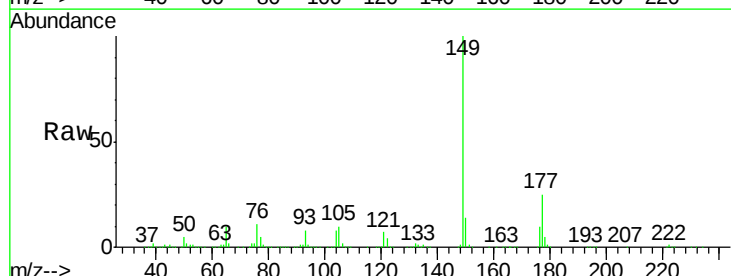


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

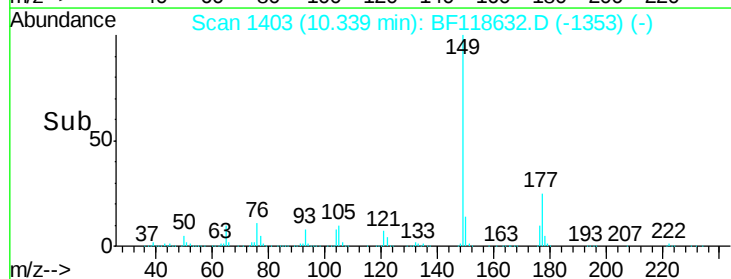
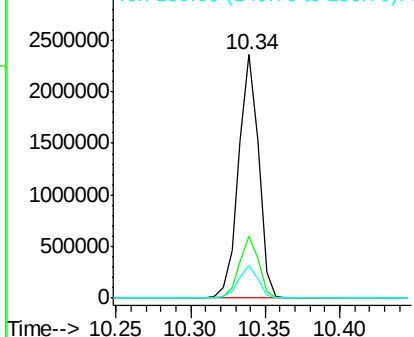


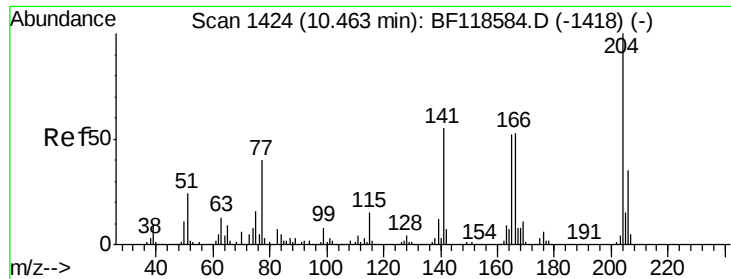
#60
Diethylphthalate
Concen: 43.247 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:149 Resp: 2207232
Ion Ratio Lower Upper
149 100
177 25.2 20.0 30.0
150 13.5 10.6 16.0



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

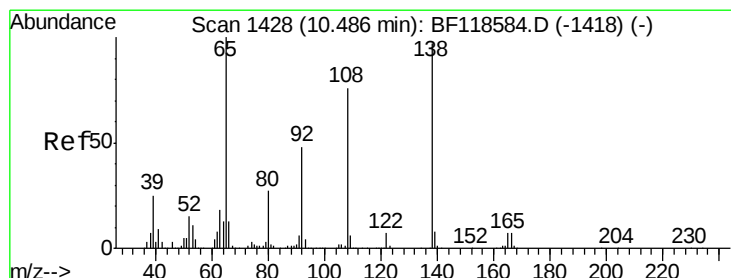
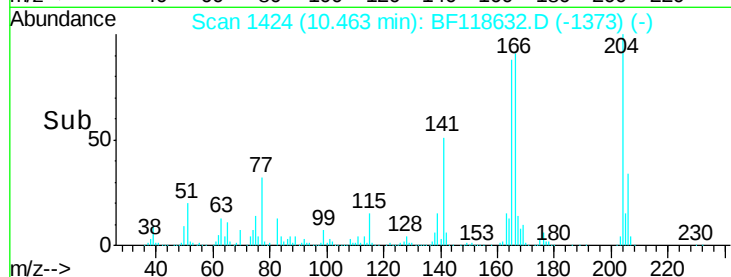
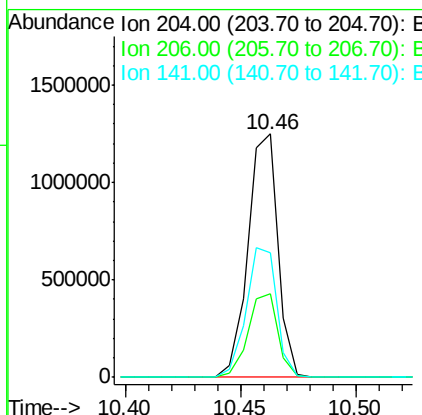
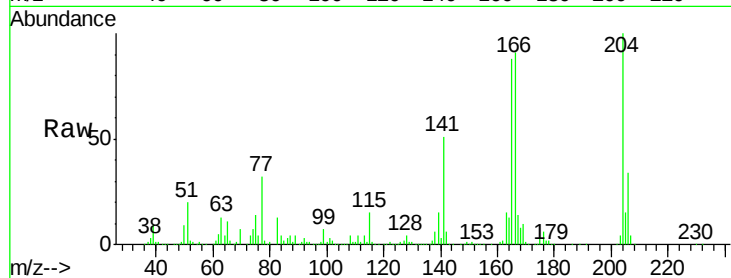




#61
4-Chlorophenyl-phenylether
Concen: 43.412 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

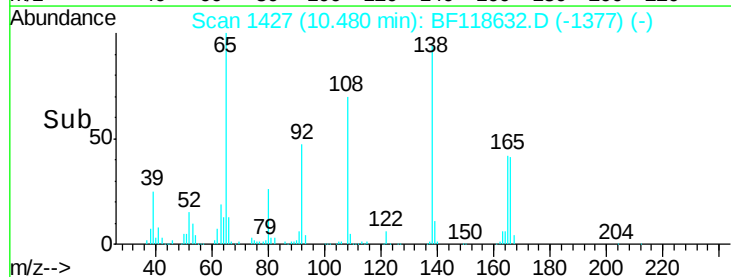
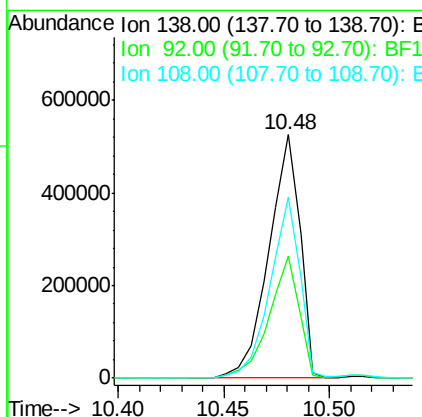
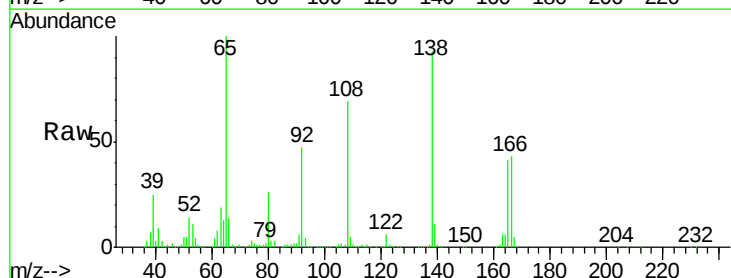
Instrument :
BNA_F
ClientSampleId :

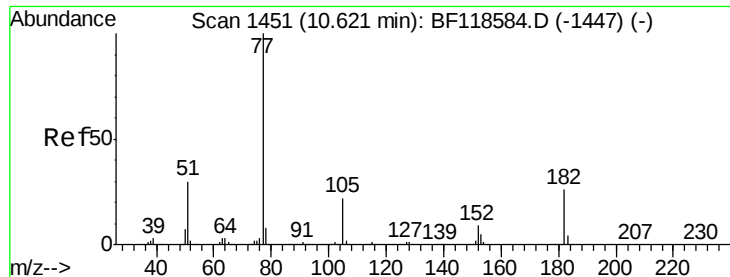
Tot Ion:204 Resp: 1134110
Ion Ratio Lower Upper
204 100
206 34.5 27.8 41.6
141 51.0 43.7 65.5



#62
4-Nitroaniline
Concen: 39.304 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:138 Resp: 542652
Ion Ratio Lower Upper
138 100
92 50.1 29.4 69.4
108 74.5 58.2 98.2

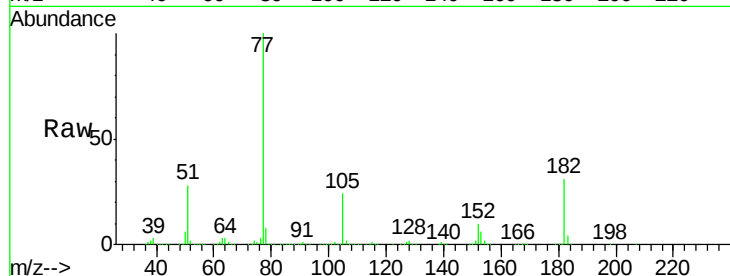




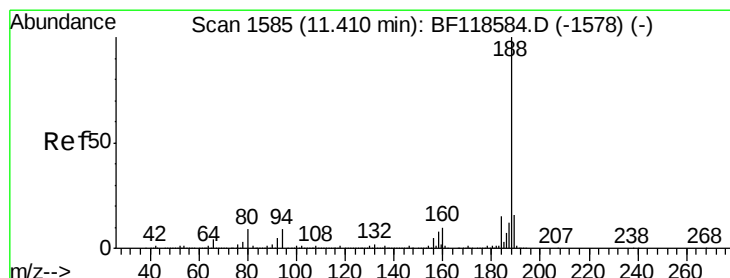
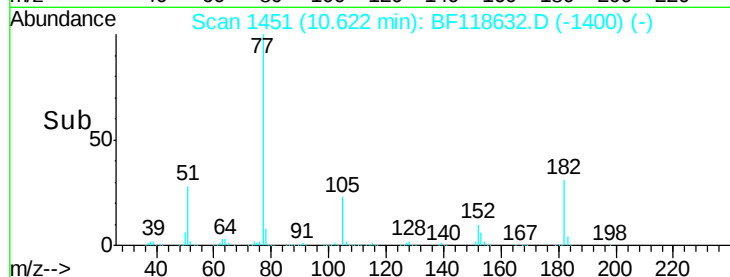
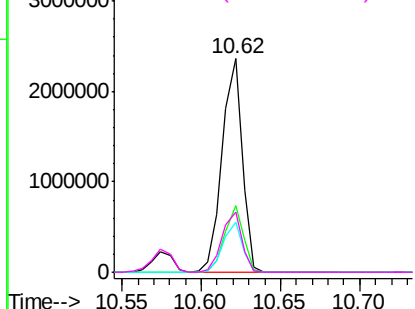
#63
Azobenzene
Concen: 42.102 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2081029
Ion Ratio Lower Upper
77 100
182 31.0 5.6 45.6
105 23.7 2.0 42.0
51 28.0 10.2 50.2

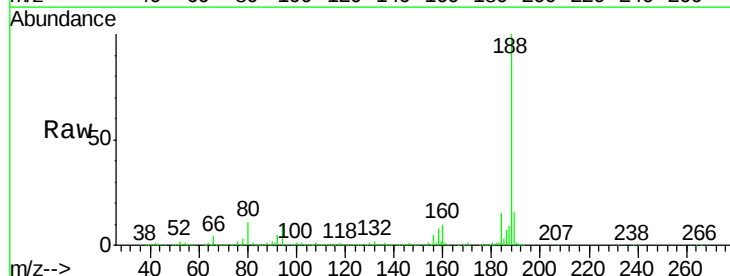


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

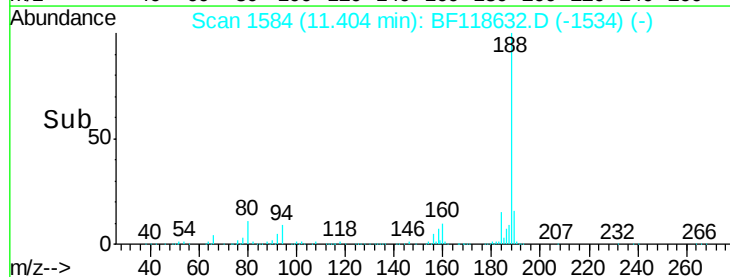
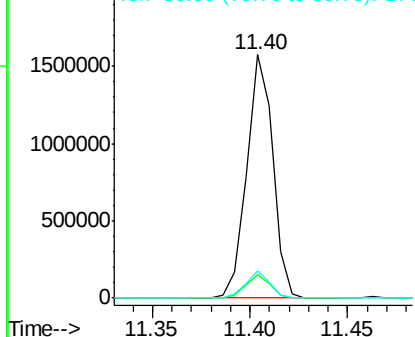


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion: 188 Resp: 1457377
Ion Ratio Lower Upper
188 100
94 9.8 7.1 10.7
80 11.0 7.5 11.3



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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.690 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

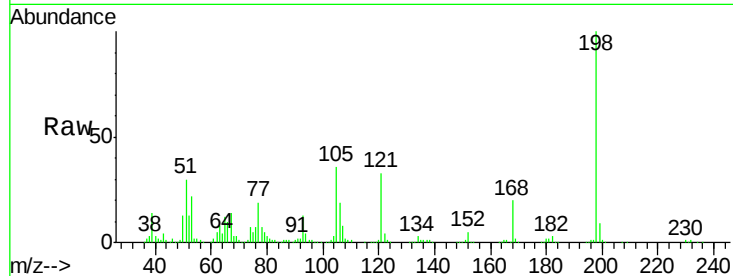
Tot Ion:198 Resp: 267166

Ion	Ratio	Lower	Upper
198	100		
51	30.1	25.2	65.2
105	35.9	26.3	66.3

198 100

51 30.1 25.2 65.2

105 35.9 26.3 66.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

800000

600000

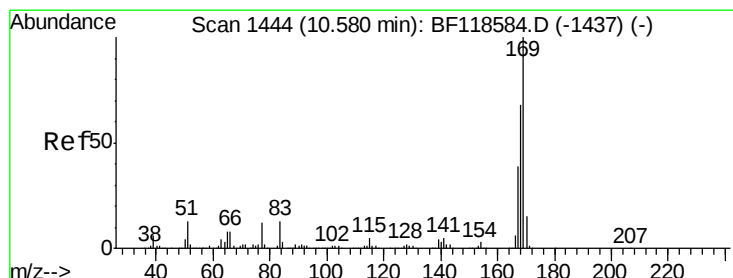
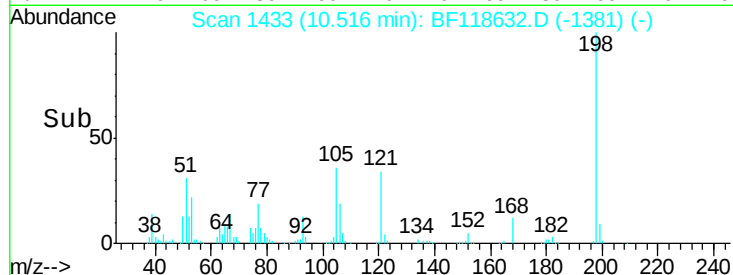
400000

200000

0

10.45 10.50 10.55 10.60

Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.696 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

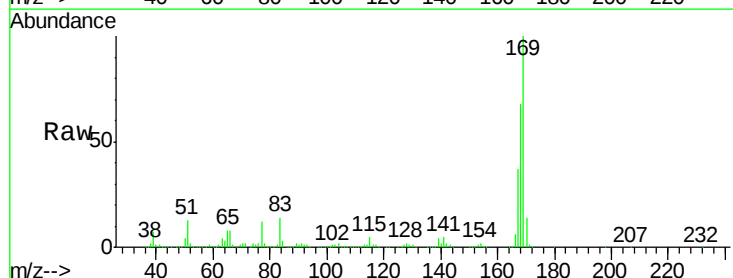
Tgt Ion:169 Resp: 1876552

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.6	82.0
167	37.5	30.9	46.3

169 100

168 67.6 54.6 82.0

167 37.5 30.9 46.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

2500000

2000000

1500000

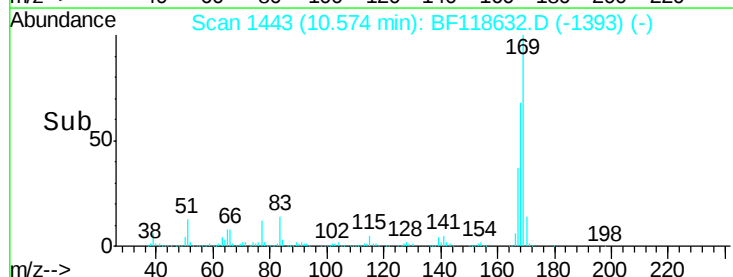
1000000

500000

0

10.50 10.55 10.60

Time-->

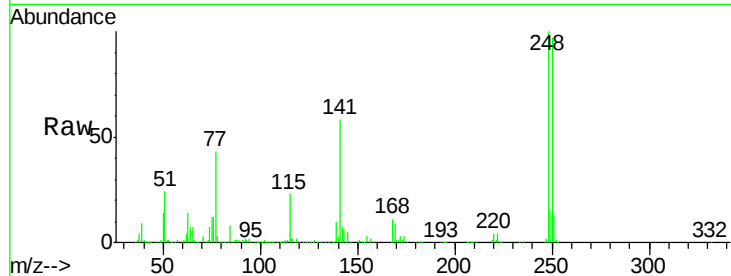




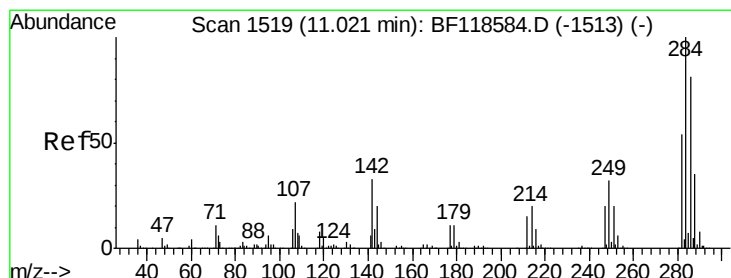
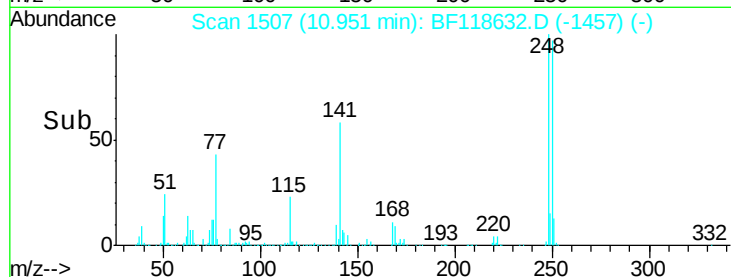
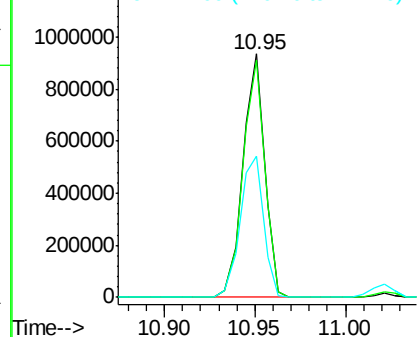
#67
4-Bromophenyl-phenylether
Concen: 43.211 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 778034
Ion Ratio Lower Upper
248 100
250 97.3 78.7 118.1
141 58.2 43.2 64.8

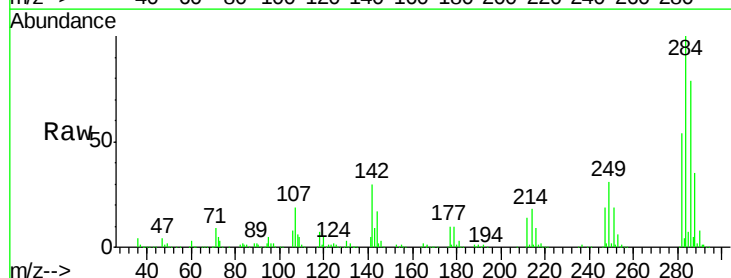


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

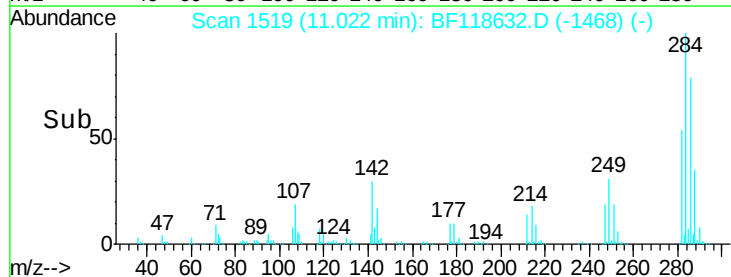
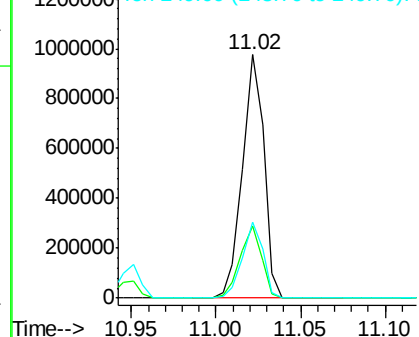


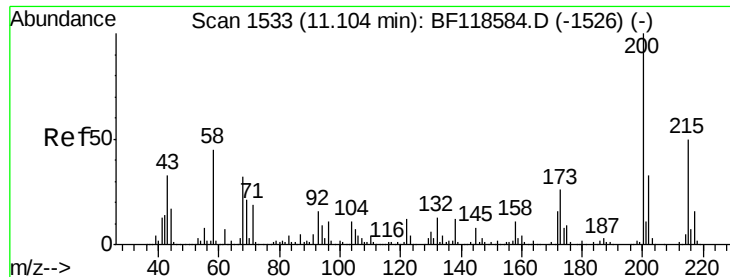
#68
Hexachlorobenzene
Concen: 42.254 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:284 Resp: 862545
Ion Ratio Lower Upper
284 100
142 29.7 26.6 39.8
249 30.9 25.2 37.8



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

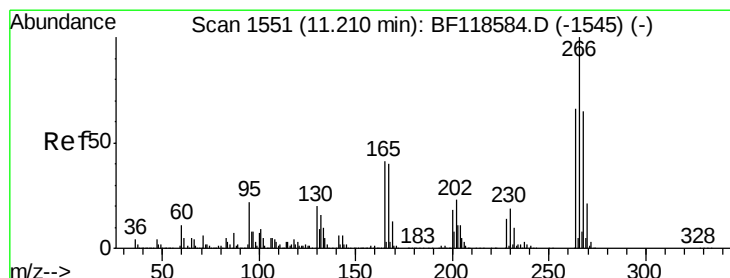
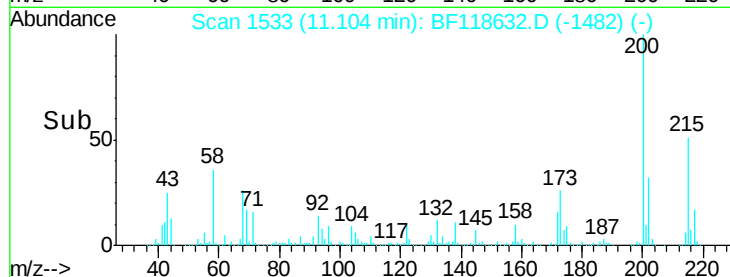
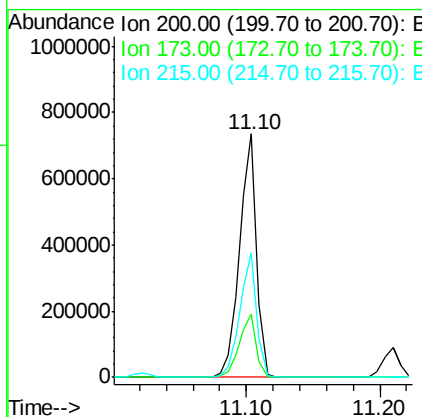
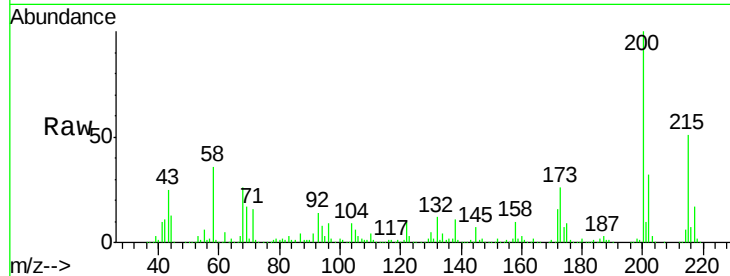




#69
 Atrazine
 Concen: 42.768 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

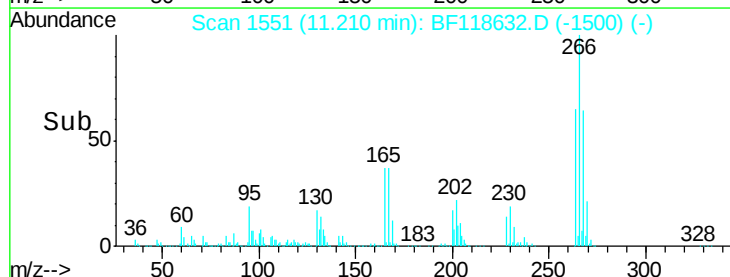
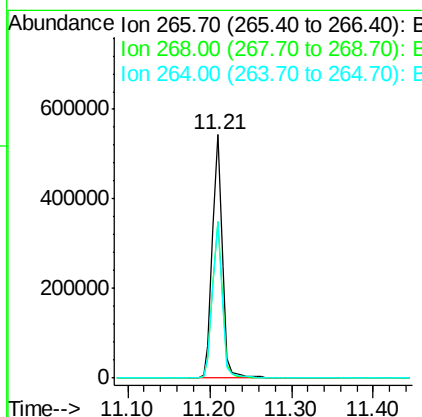
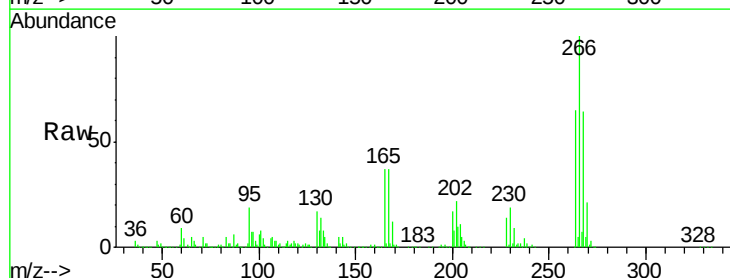
Instrument :
 BNA_F
 ClientSampled :

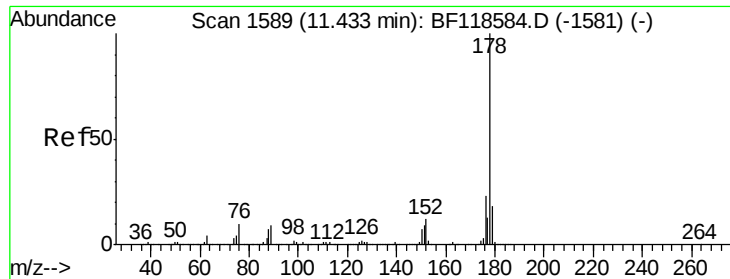
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.3	46.3
215	51.2	30.2	70.2



#70
 Pentachlorophenol
 Concen: 40.809 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.1	78.1
264	64.6	52.4	78.6

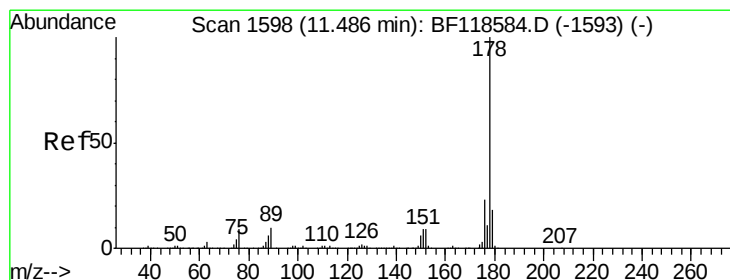
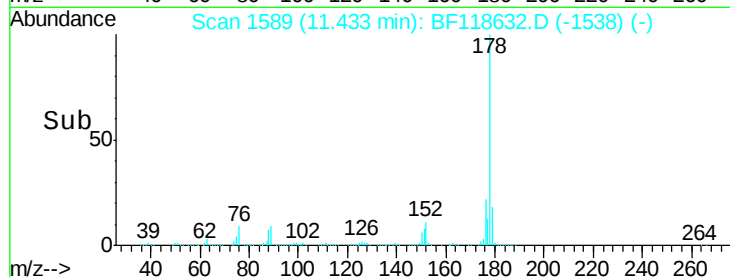
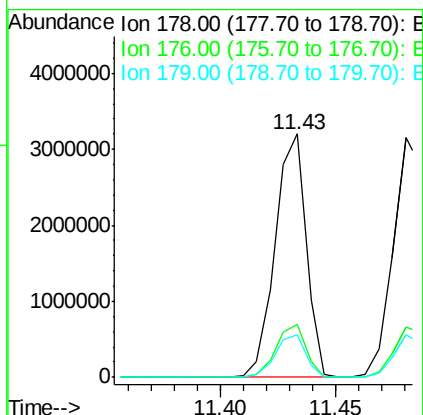
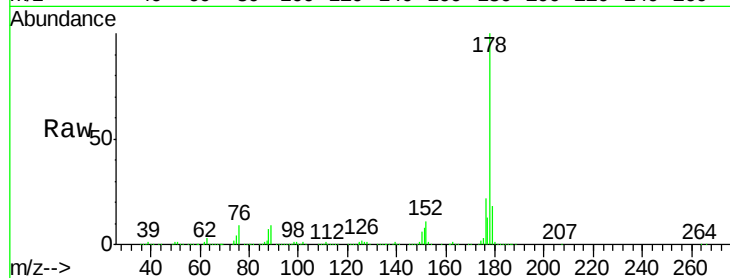




#71
Phenanthrene
Concen: 42.366 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

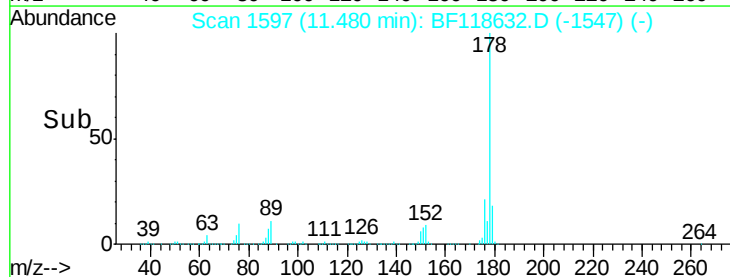
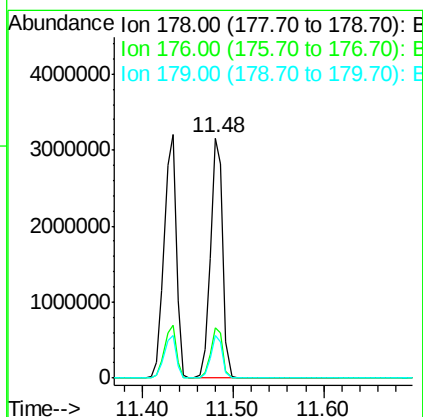
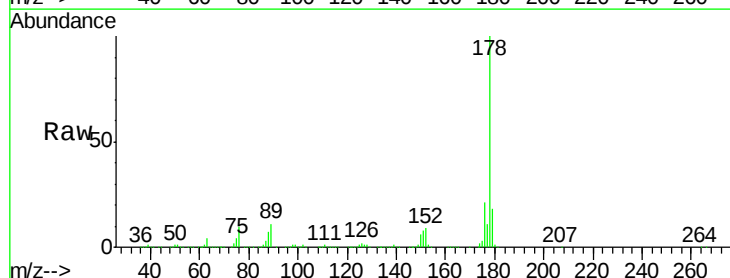
Instrument :
BNA_F
ClientSampleId :

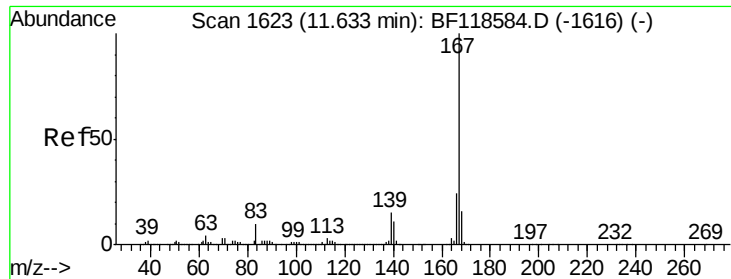
Tot Ion:178 Resp: 2978724
Ion Ratio Lower Upper
178 100
176 21.9 18.6 27.8
179 17.5 14.7 22.1



#72
Anthracene
Concen: 43.170 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:178 Resp: 3003394
Ion Ratio Lower Upper
178 100
176 21.1 18.0 27.0
179 17.8 14.7 22.1



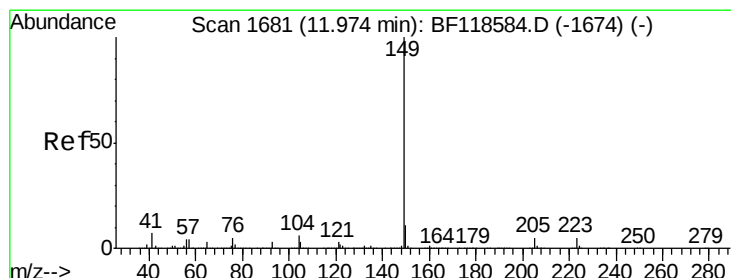
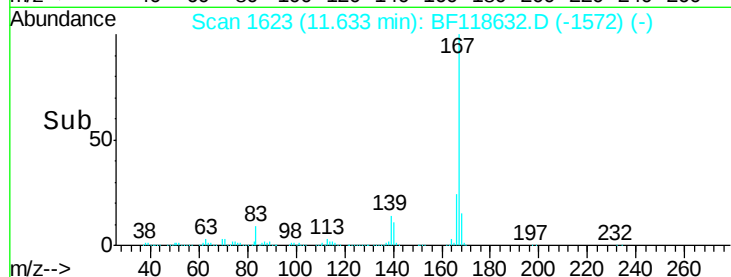
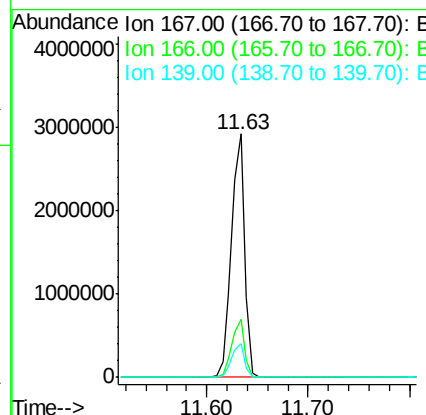
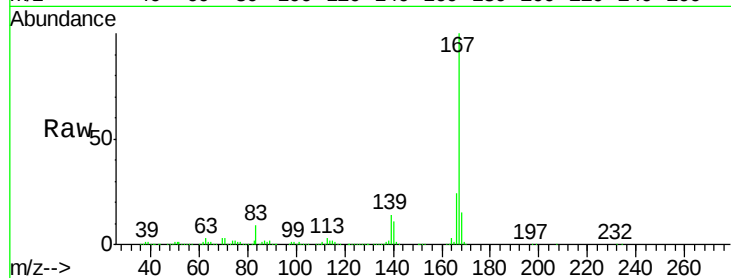


#73
 Carbazole
 Concen: 41.713 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2661823

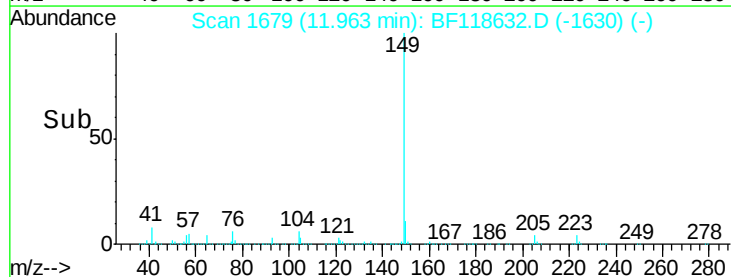
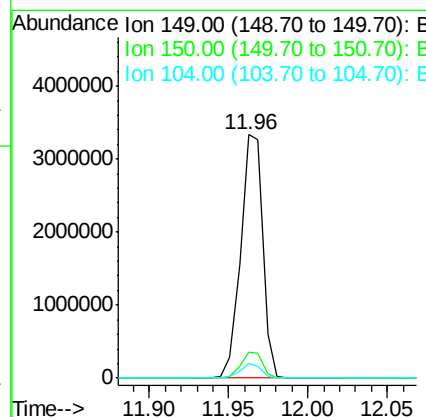
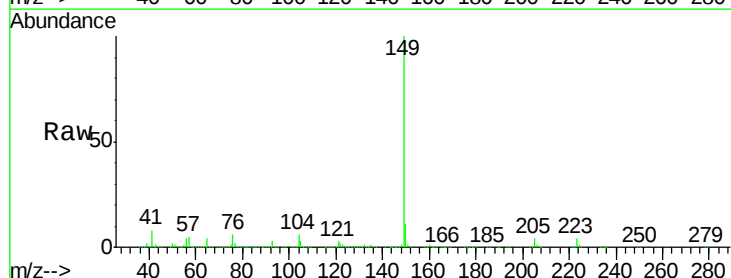
Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.4	29.2
139	13.8	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 45.170 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Tgt Ion:149 Resp: 3202515

Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.7	13.1
104	5.9	4.6	6.8





#75

Fluoranthene

Concen: 41.876 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

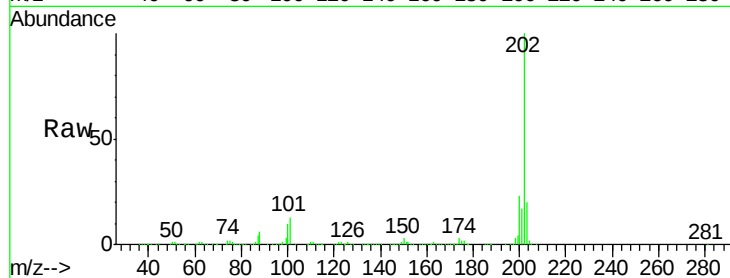
Tot Ion:202 Resp: 3105395

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.5

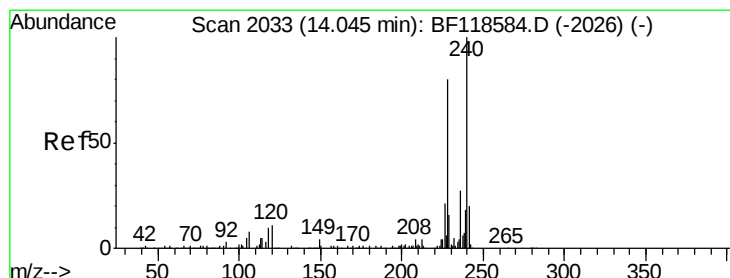
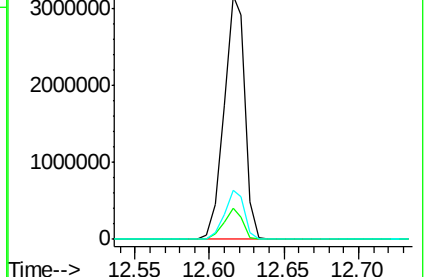
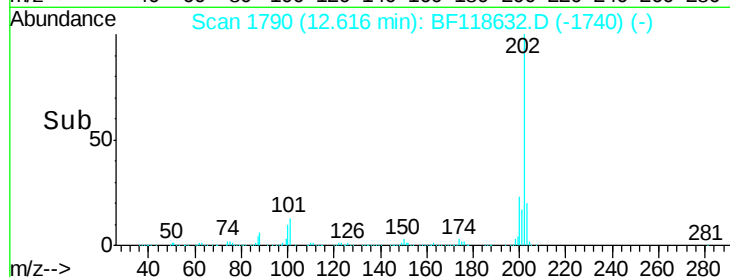
203 20.1 0.8 40.8



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: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

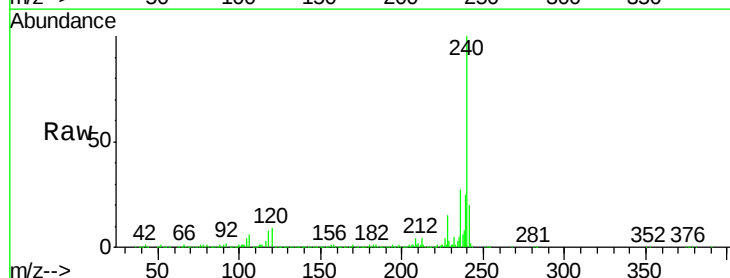
Tgt Ion:240 Resp: 1019439

Ion Ratio Lower Upper

240 100

120 8.9 8.9 13.3

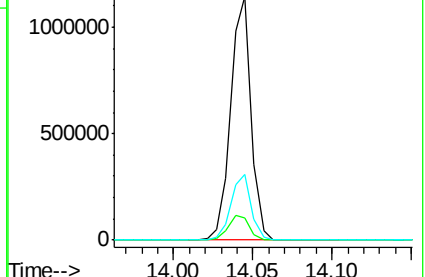
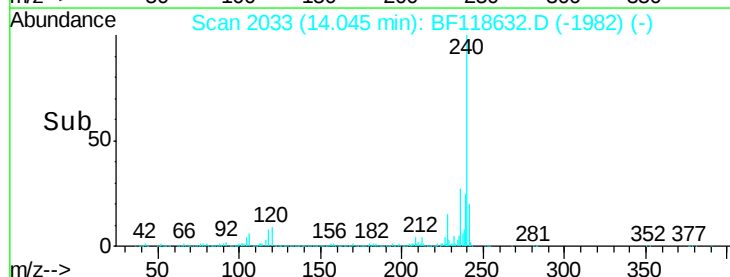
236 27.2 21.5 32.3

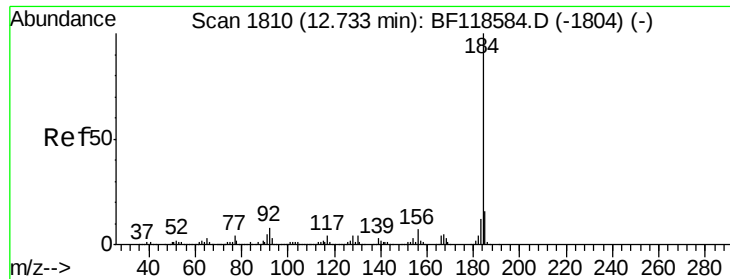


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

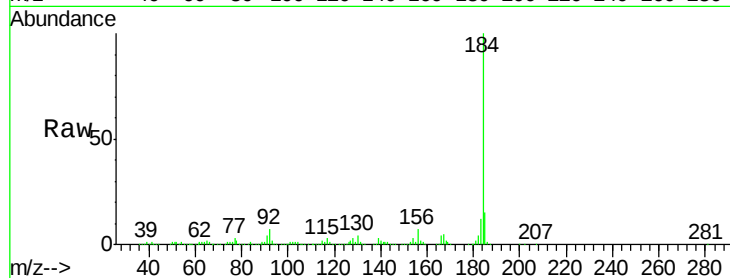




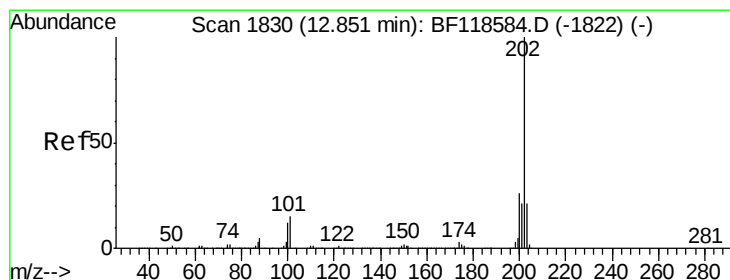
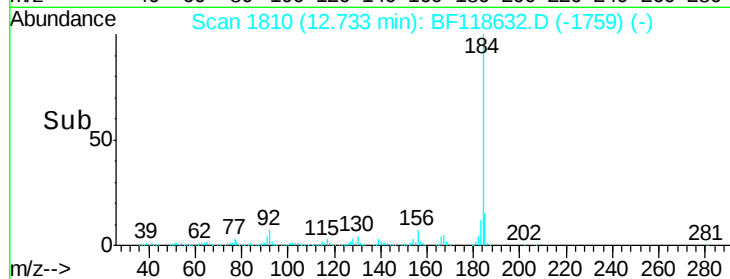
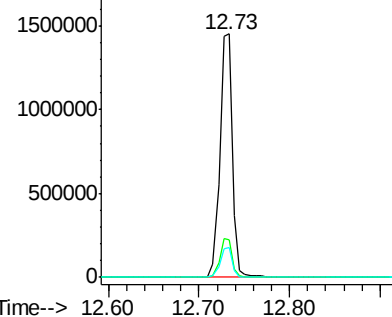
#77
Benzidine
Concen: 51.935 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 1414639
Ion Ratio Lower Upper
184 100
185 15.4 12.9 19.3
183 12.1 9.6 14.4

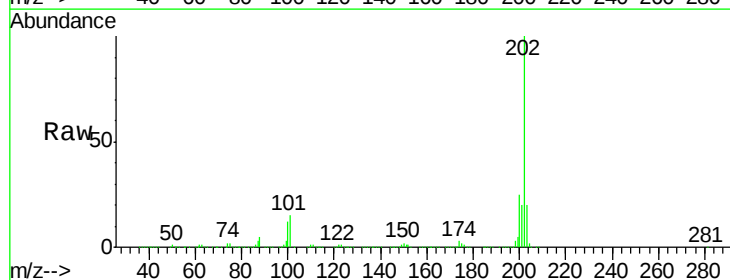


Abundance Ion 184.00 (183.70 to 184.70): E
2000000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

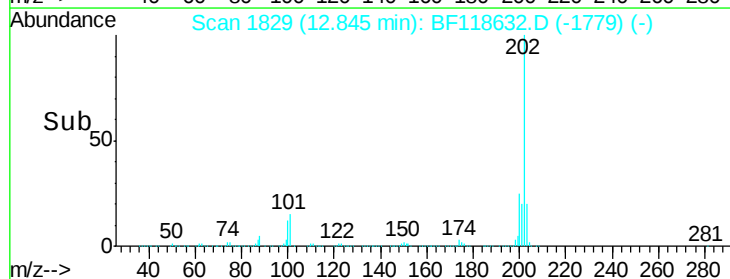
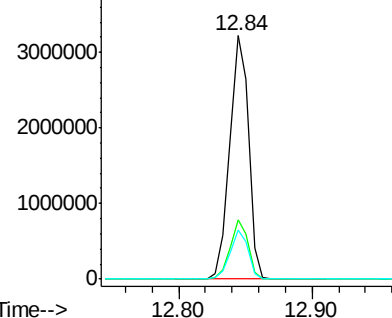


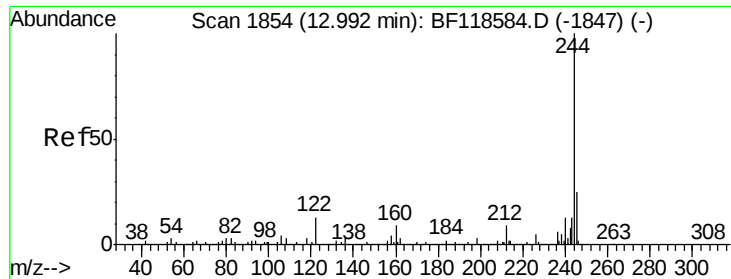
#78
Pyrene
Concen: 45.373 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:202 Resp: 3140304
Ion Ratio Lower Upper
202 100
200 24.6 20.6 31.0
203 20.2 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E
4000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.485 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

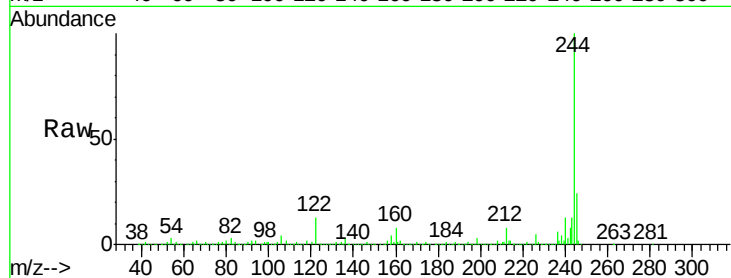
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 4369467

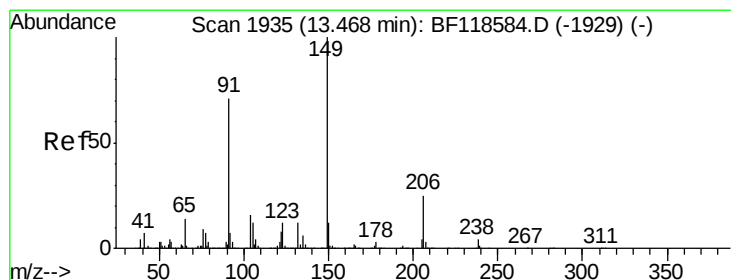
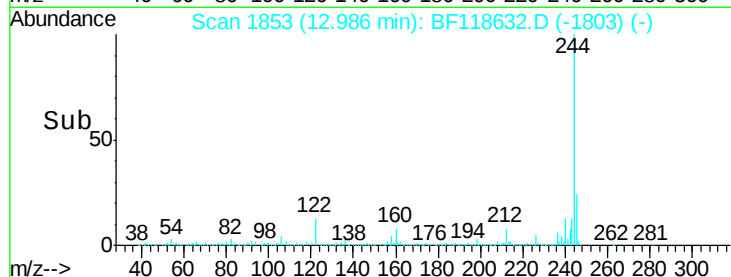
Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	12.7	10.7	16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.854 ng

RT: 13.46 min Scan# 1934

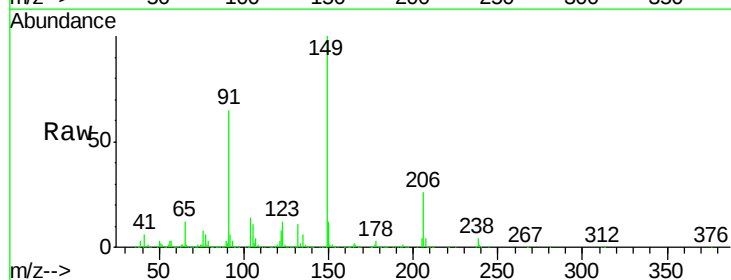
Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion:149 Resp: 1327146

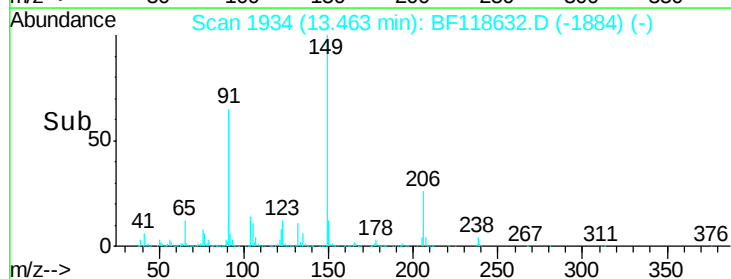
Ion	Ratio	Lower	Upper
149	100		
91	65.3	56.5	84.7
206	26.0	19.9	29.9

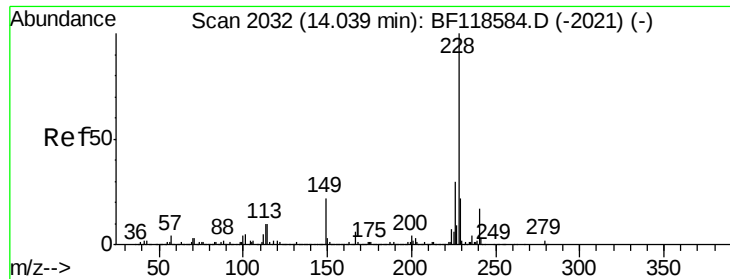


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

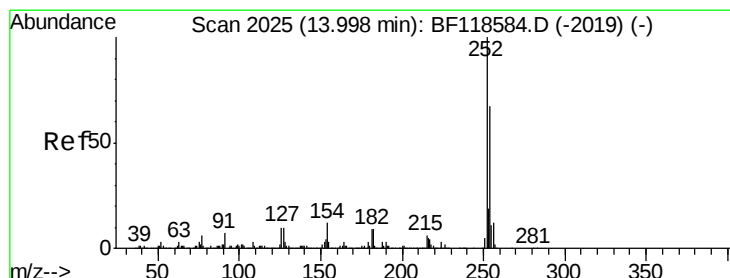
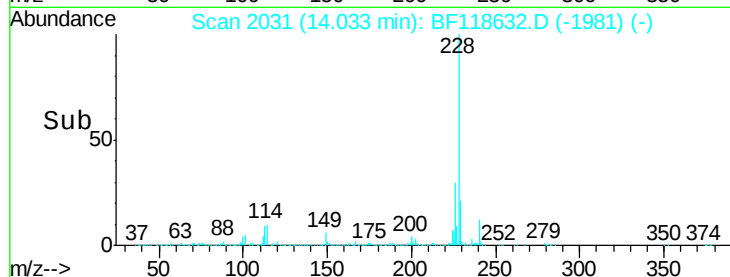
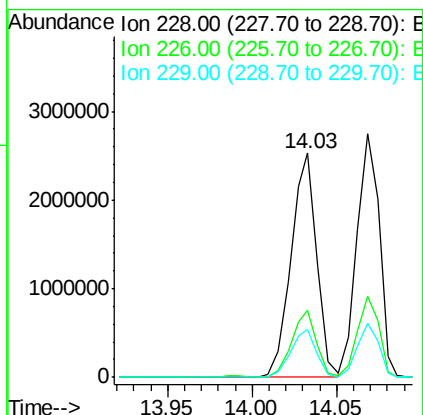
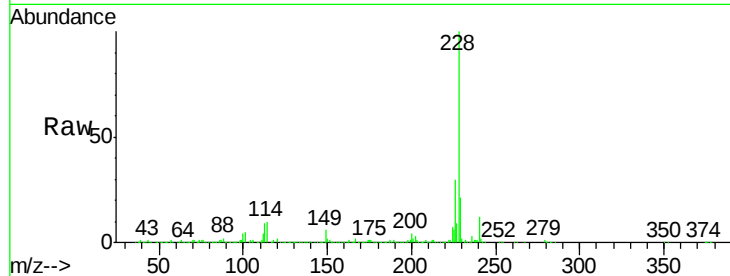




#81
Benzo(a)anthracene
Concen: 43.527 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

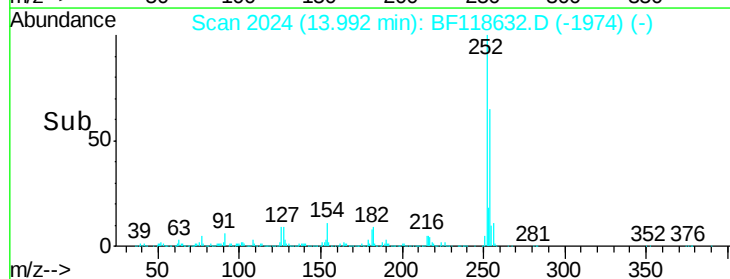
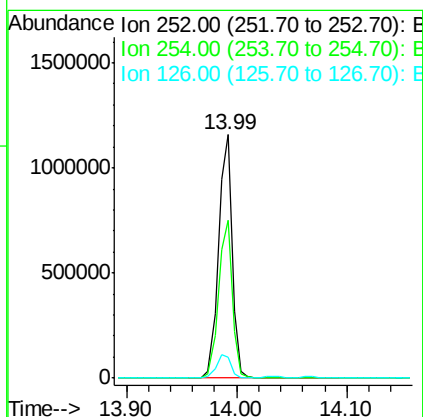
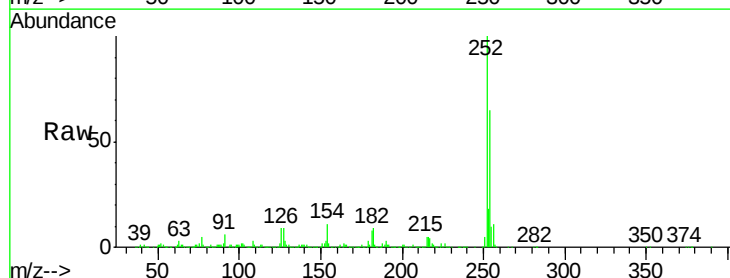
Instrument :
BNA_F
ClientSampleId :

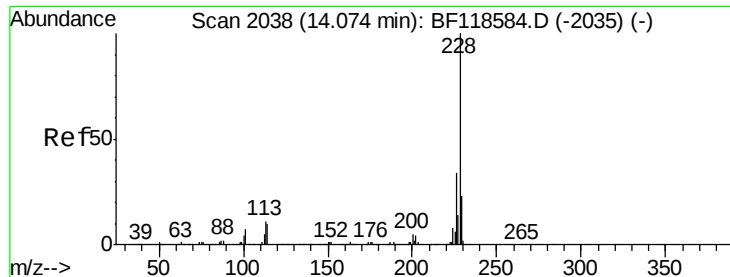
Tot Ion:228 Resp: 2669284
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 21.5 17.6 26.4



#82
3,3'-Dichlorobenzidine
Concen: 45.606 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:252 Resp: 996571
Ion Ratio Lower Upper
252 100
254 64.9 53.4 80.2
126 8.8 8.0 12.0





#83

Chrysene

Concen: 42.900 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

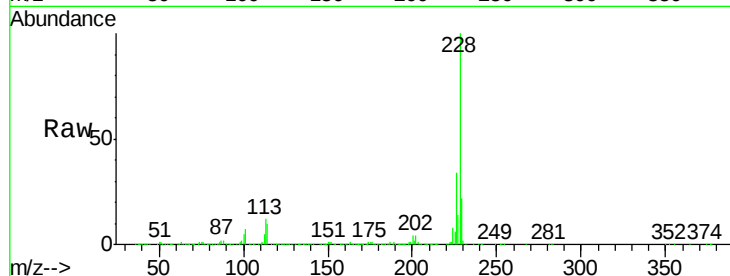
Tot Ion:228 Resp: 2521402

Ion Ratio Lower Upper

228 100

226 33.5 27.4 41.0

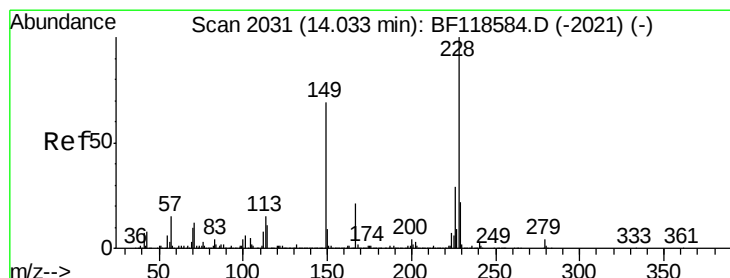
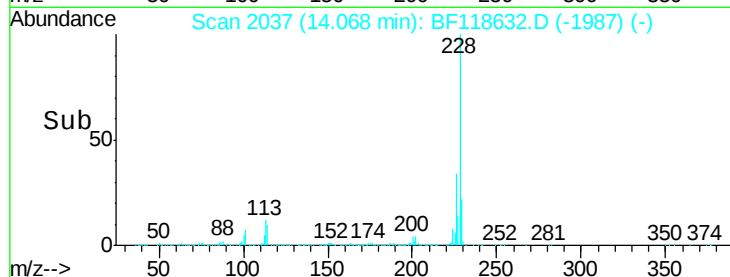
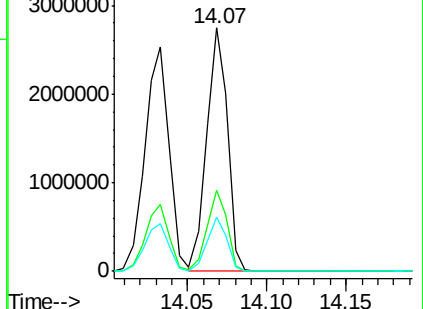
229 22.0 18.3 27.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.662 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

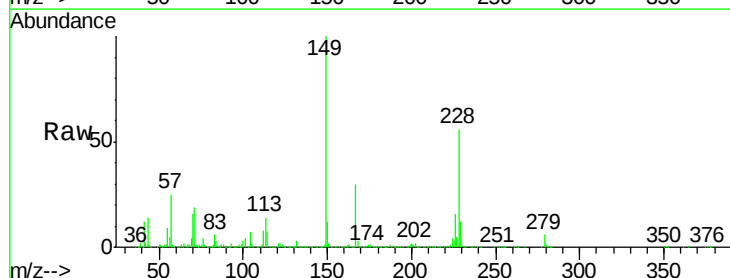
Tgt Ion:149 Resp: 1718603

Ion Ratio Lower Upper

149 100

167 30.1 24.2 36.4

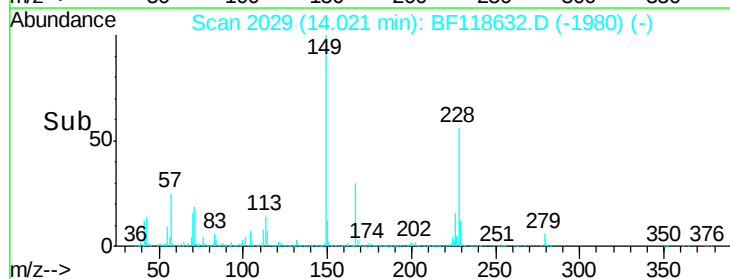
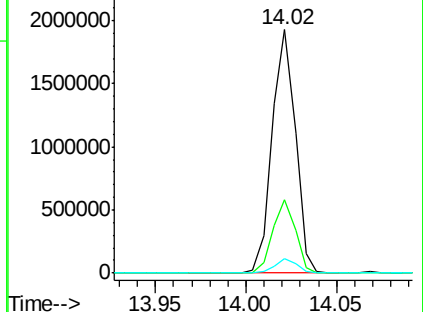
279 5.9 5.0 7.4

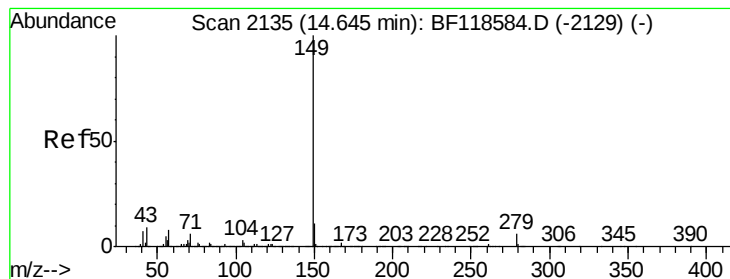


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.706 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

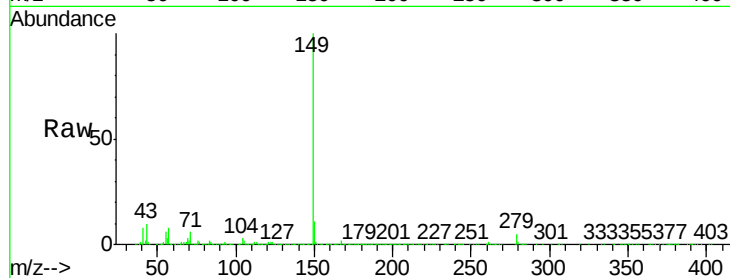
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 2648547

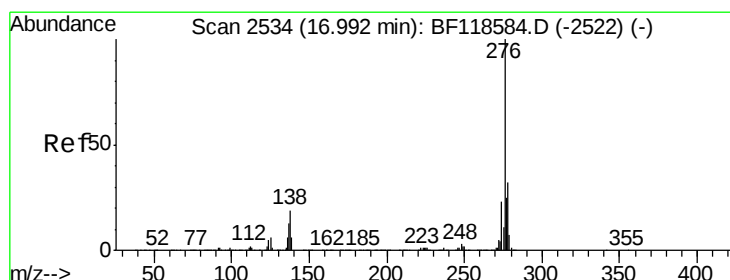
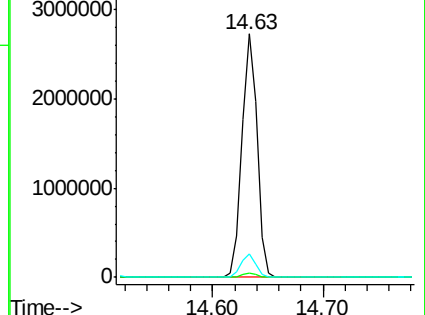
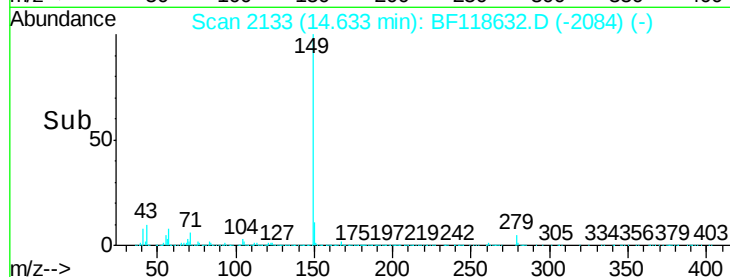
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.4	8.1	12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.543 ng

RT: 17.00 min Scan# 2535

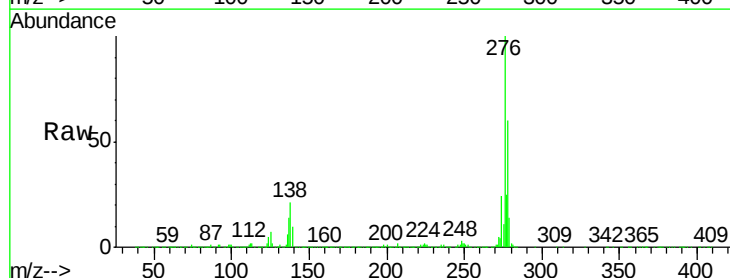
Delta R.T. 0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion:276 Resp: 2427938

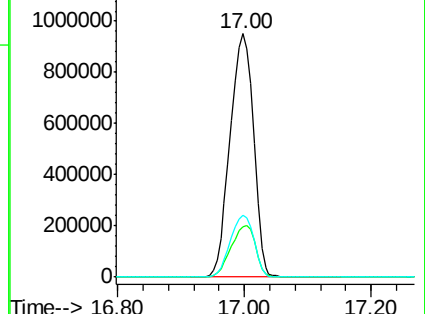
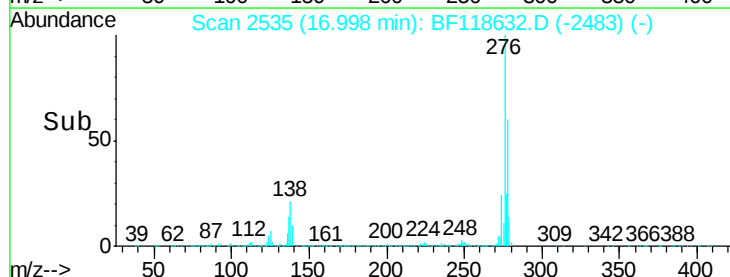
Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.2	25.8
277	25.6	20.5	30.7

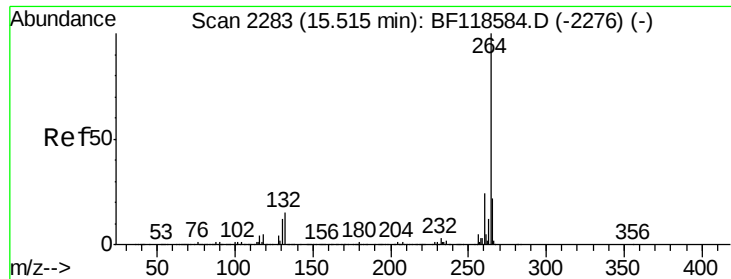


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

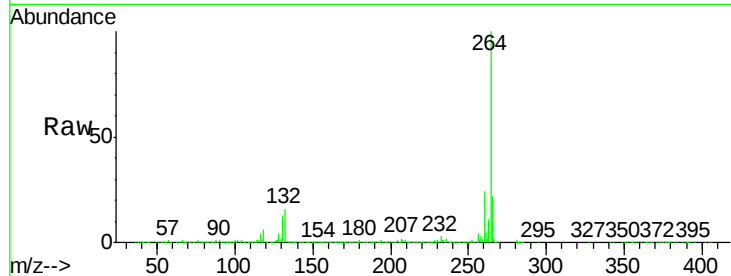
Tot Ion:264 Resp: 928548

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

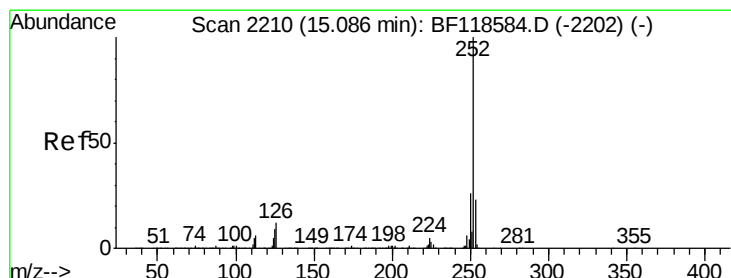
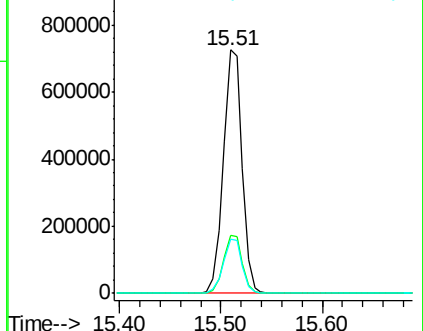
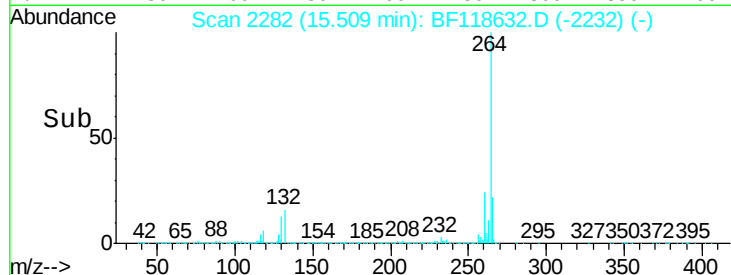
265 22.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.866 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

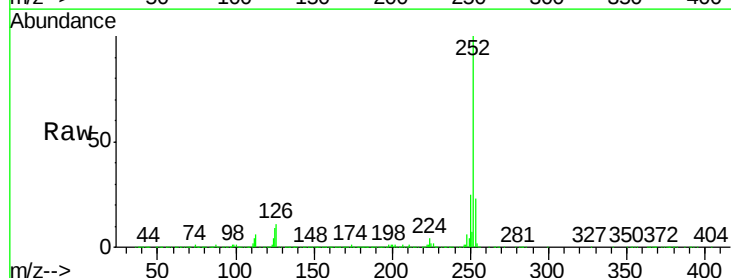
Tgt Ion:252 Resp: 2385183

Ion Ratio Lower Upper

252 100

253 22.9 18.7 28.1

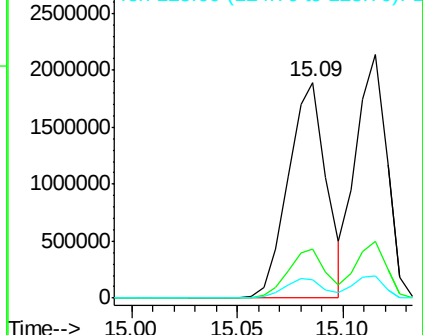
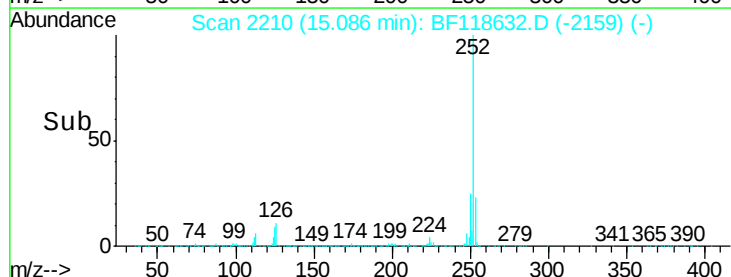
125 8.6 7.3 10.9

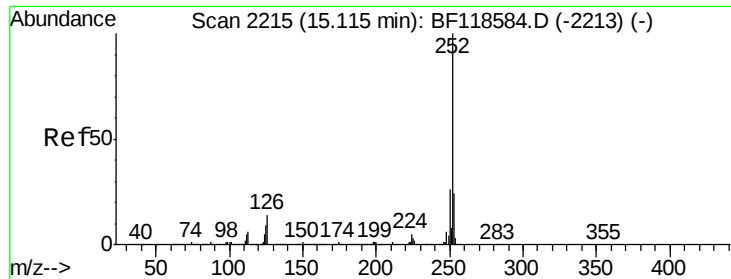


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

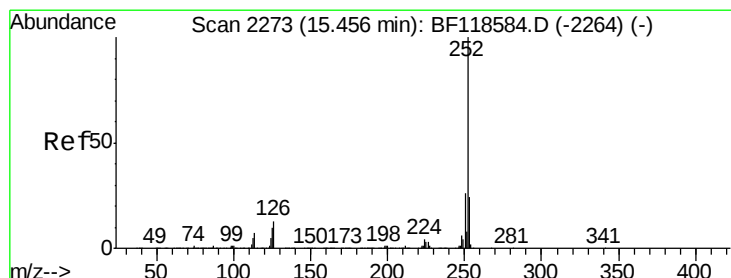
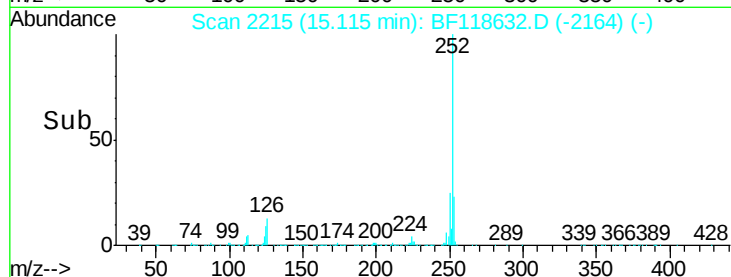
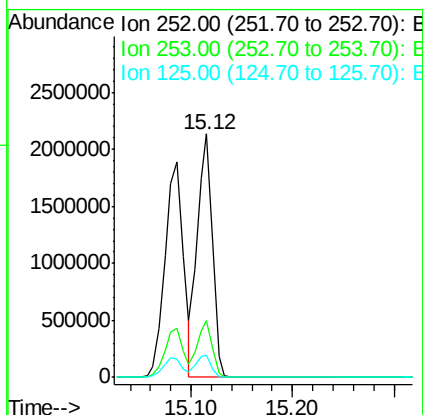
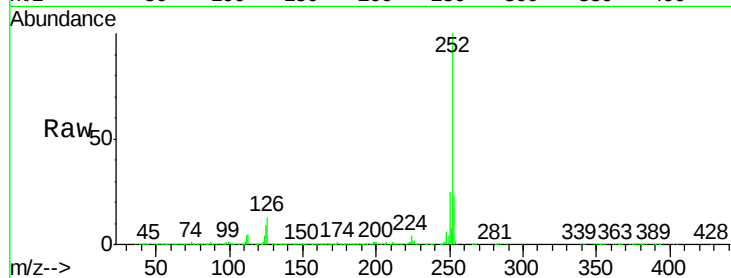




#89
Benzo(k)fluoranthene
Concen: 40.681 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

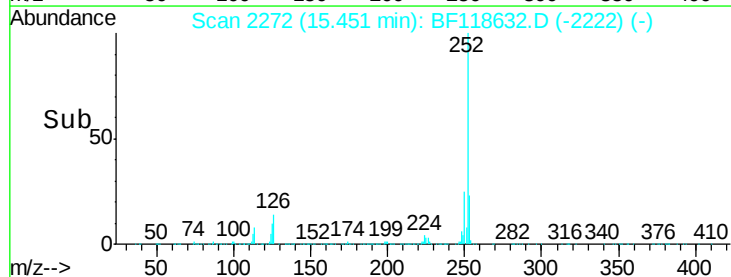
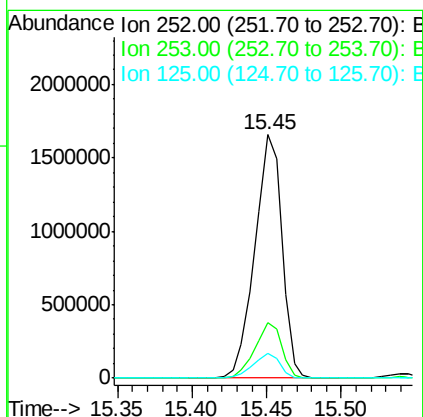
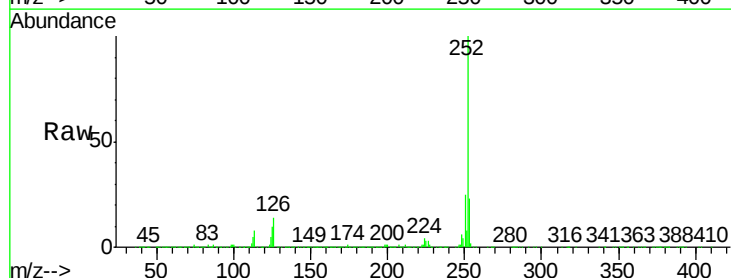
Instrument :
BNA_F
ClientSampleId :

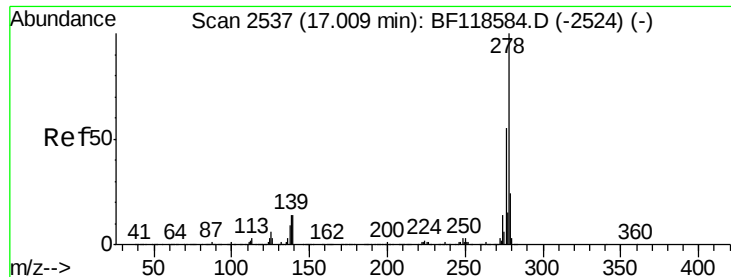
Tot Ion:252 Resp: 2199771
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.4
125 8.9 7.6 11.4



#90
Benzo(a)pyrene
Concen: 41.096 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:252 Resp: 2069137
Ion Ratio Lower Upper
252 100
253 22.5 18.8 28.2
125 10.3 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 45.207 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

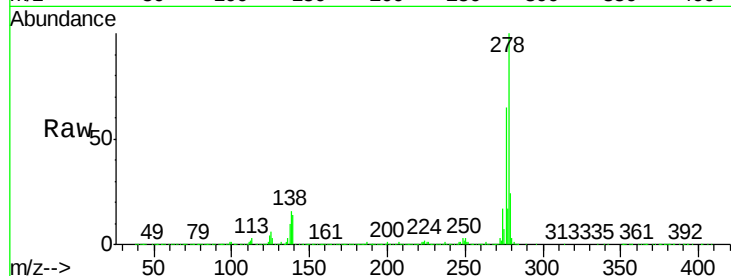
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2013329

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.4	17.0
279	24.1	19.0	28.6

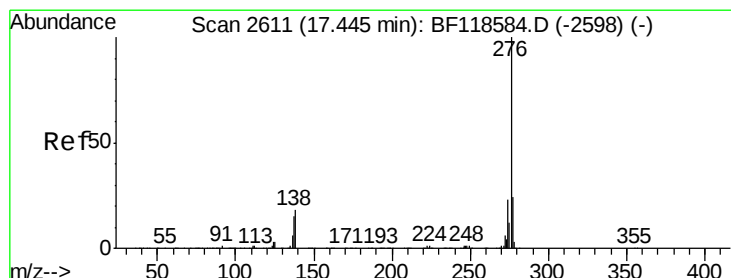
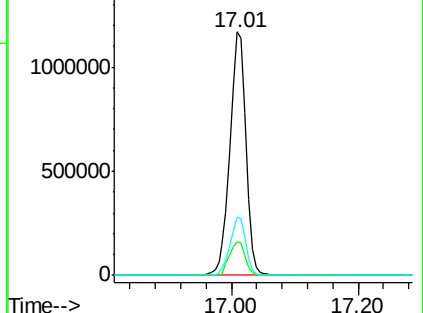
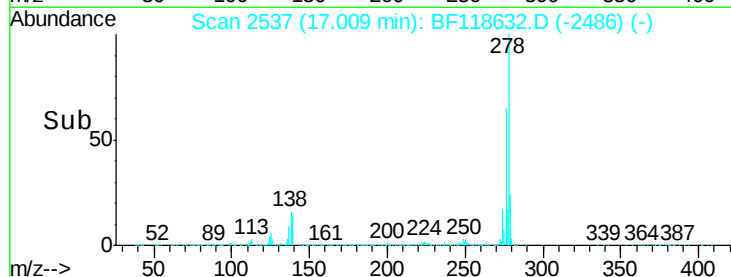


Abundance

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: 44.549 ng

RT: 17.44 min Scan# 2611

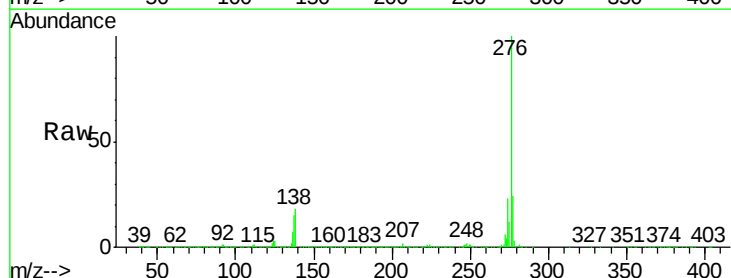
Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion:276 Resp: 1926401

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	18.5	14.4	21.6



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

