

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118636.D
 Acq On : 21 Jan 2020 15:46
 Operator : CG/JU
 Sample : PB126132BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 18:16:59 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	398795	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1458504	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	846432	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1570216	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1186208	20.00	ng	0.00
87) Perylene-d12	15.52	264	1050472	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2666894	124.20	ng	0.01
7) Phenol-d6	6.52	99	3433960	123.04	ng	0.00
23) Nitrobenzene-d5	7.44	82	1955284	74.99	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1240621	126.72	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3823249	74.24	ng	0.00
79) Terphenyl-d14	12.99	244	4286788	78.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	426322	40.992	ng	98
3) Pyridine	3.51	79	1055009	35.991	ng	99
4) n-Nitrosodimethylamine	3.45	42	488957	38.908	ng	88
6) Aniline	6.54	93	1249085	33.990	ng	98
8) 2-Chlorophenol	6.67	128	1077593	44.711	ng	99
9) Benzaldehyde	6.43	77	585007	34.467	ng	95
10) Phenol	6.53	94	1345243	42.297	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	1009240	42.769	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1173821	41.611	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1199592	42.363	ng	100
14) 1,2-Dichlorobenzene	7.05	146	1143570	42.960	ng	99
15) Benzyl Alcohol	7.02	79	972596	43.945	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1323952	40.281	ng	100
17) 2-Methylphenol	7.13	107	902059	44.933	ng	99
18) Hexachloroethane	7.40	117	419078	40.814	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	787179	41.772	ng	99
20) 3+4-Methylphenols	7.28	107	1098140	44.803	ng	92
22) Acetophenone	7.29	105	1415162	40.959	ng	# 94
24) Nitrobenzene	7.46	77	1131038	42.362	ng	100
25) Isophorone	7.70	82	2087627	43.894	ng	99
26) 2-Nitrophenol	7.77	139	536229	47.096	ng	97
27) 2,4-Dimethylphenol	7.82	122	1025802	52.174	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	1292588	42.179	ng	99
29) 2,4-Dichlorophenol	8.02	162	976495	44.929	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1061409	42.118	ng	99
31) Naphthalene	8.19	128	3004391	45.600	ng	99
32) Benzoic acid	7.93	122	612201	41.489	ng	98
33) 4-Chloroaniline	8.23	127	682763	22.421	ng	99
34) Hexachlorobutadiene	8.31	225	620324	40.421	ng	100
35) Caprolactam	8.59	113	147775	20.776	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	958226	44.646	ng	97
37) 2-Methylnaphthalene	8.88	142	2145594	46.136	ng	99
38) 1-Methylnaphthalene	8.97	142	2012418	45.548	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1067530	40.308	ng	98

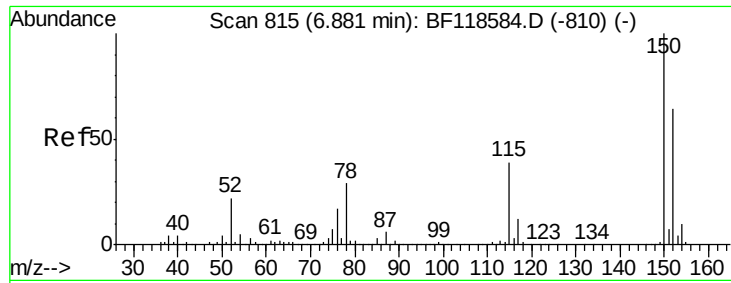
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118636.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1246615	93.294	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	746707	42.488	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	777022	43.291	nq	99
46) 1,1'-Biphenyl	9.34	154	2532805	43.418	nq	98
47) 2-Chloronaphthalene	9.37	162	2039229	41.473	nq	97
48) 2-Nitroaniline	9.46	65	585047	38.707	nq	94
49) Acenaphthylene	9.79	152	3125267	45.181	nq	98
50) Dimethylphthalate	9.64	163	2364954	42.885	nq	99
51) 2,6-Dinitrotoluene	9.70	165	534039	43.246	nq	91
52) Acenaphthene	9.96	154	2120764	45.851	nq	99
53) 3-Nitroaniline	9.86	138	358305	25.411	nq	97
54) 2,4-Dinitrophenol	9.97	184	451567	91.597	nq	# 37
55) Dibenzofuran	10.13	168	2865238	44.700	nq	98
56) 4-Nitrophenol	10.03	139	951450	89.383	nq	92
57) 2,4-Dinitrotoluene	10.10	165	687414	44.157	nq	96
58) Fluorene	10.47	166	2201534	43.750	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	679329	43.031	nq	99
60) Diethylphthalate	10.35	149	2267105	42.401	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	1169971	42.749	nq	98
62) 4-Nitroaniline	10.49	138	560503	38.752	nq	95
63) Azobenzene	10.62	77	2226296	42.994	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	334985	48.516	nq	84
66) n-Nitrosodiphenylamine	10.58	169	2025341	42.770	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	795199	40.991	nq	98
68) Hexachlorobenzene	11.02	284	886961	40.328	nq	95
69) Atrazine	11.10	200	745470	45.419	nq	99
70) Pentachlorophenol	11.22	266	1001304	81.884	nq	98
71) Phenanthrene	11.43	178	3215165	42.442	nq	99
72) Anthracene	11.49	178	3301084	44.039	nq	98
73) Carbazole	11.63	167	2936465	42.710	nq	99
74) Di-n-butylphthalate	11.96	149	3325436	43.534	nq	100
75) Fluoranthene	12.62	202	3434889	42.991	nq	99
77) Benzidine	12.73	184	2013368	63.524	nq	99
78) Pyrene	12.85	202	3476894	43.174	nq	98
80) Butylbenzylphthalate	13.46	149	1433972	43.508	nq	97
81) Benzo(a)anthracene	14.03	228	3101953	43.471	nq	100
82) 3,3'-Dichlorobenzidine	13.99	252	665223	26.162	nq	98
83) Chrysene	14.07	228	2925942	42.784	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1814093	45.052	nq	99
85) Di-n-octyl phthalate	14.64	149	2775614	46.569	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	2470021	41.567	nq	99
88) Benzo(b)fluoranthene	15.09	252	2839981	43.011	nq	99
89) Benzo(k)fluoranthene	15.12	252	2476116	40.477	nq	99
90) Benzo(a)pyrene	15.46	252	2336230	41.016	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	2060599	40.898	nq	98
92) Benzo(g,h,i)perylene	17.44	276	2036598	41.631	nq	99

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

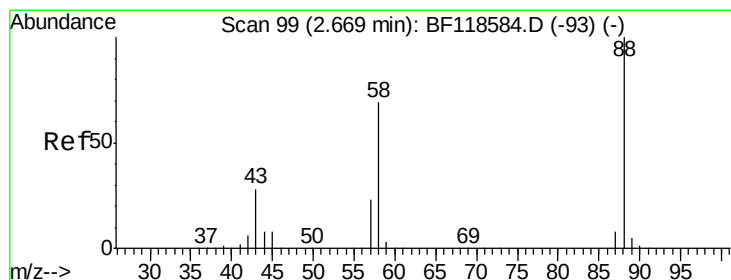
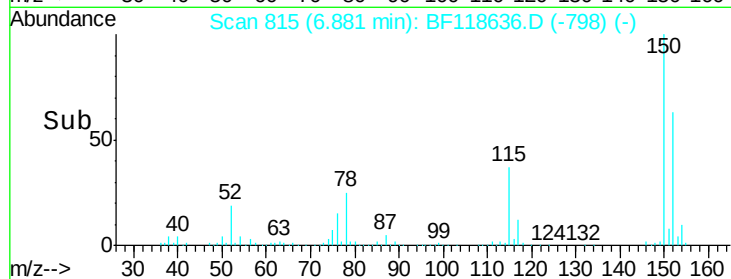
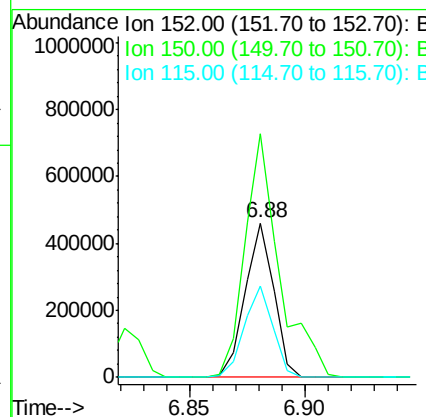
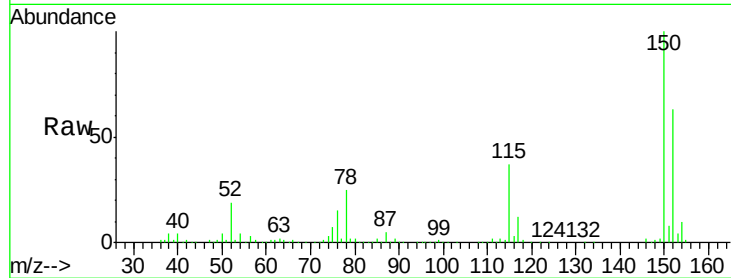


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampled :

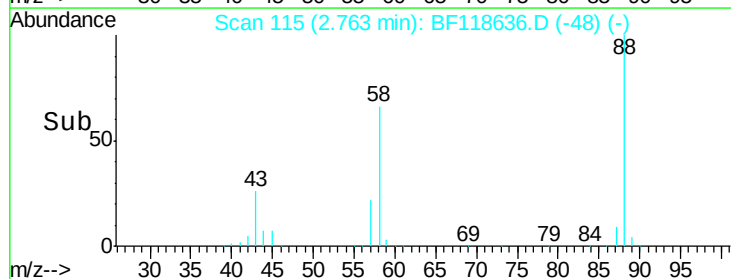
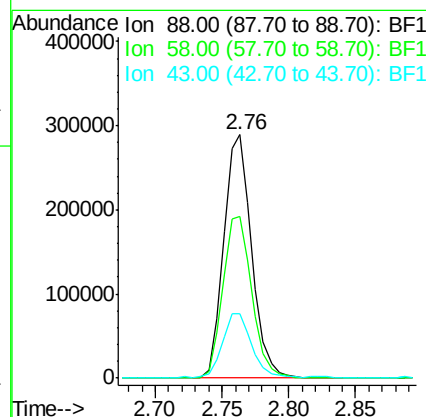
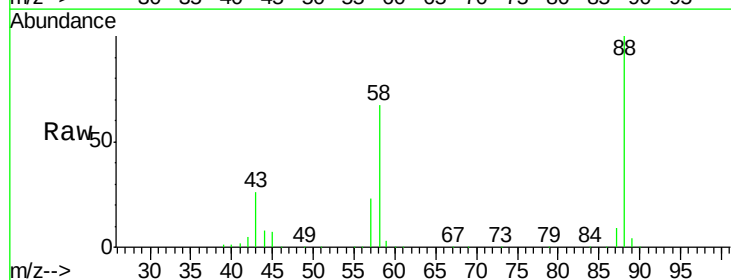
Tot Ion	152	Resp	398795
Ion Ratio	100	Lower	Upper
152	100		
150	157.7	125.6	188.4
115	59.1	48.4	72.6

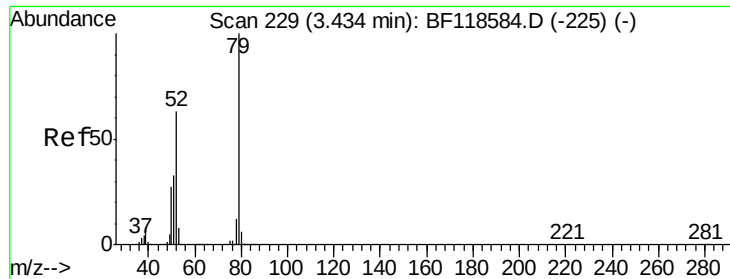


#2

1,4-Dioxane
Concen: 40.992 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.09 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	88	Resp	426322
Ion Ratio	100	Lower	Upper
88	100		
58	69.1	56.1	84.1
43	26.7	23.0	34.6





#3

Pvridine

Concen: 35.991 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.08 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampled :

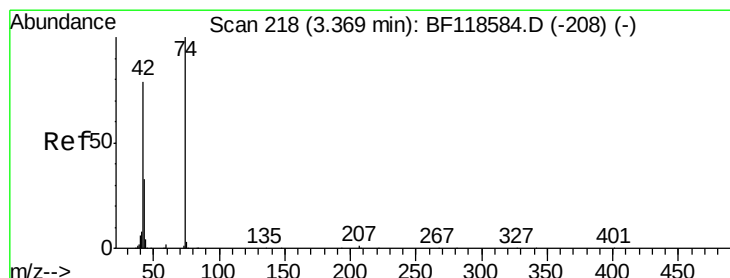
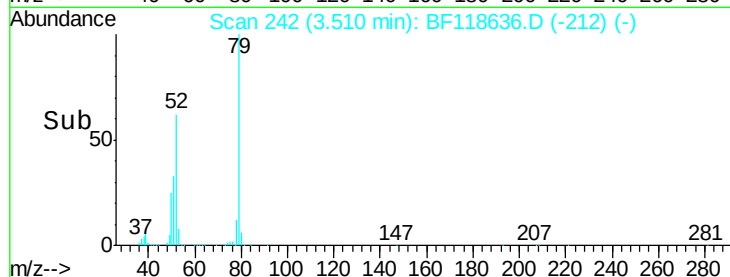
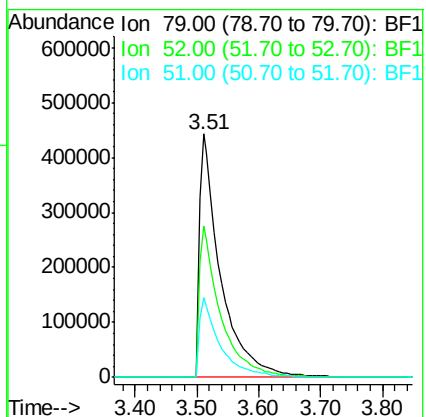
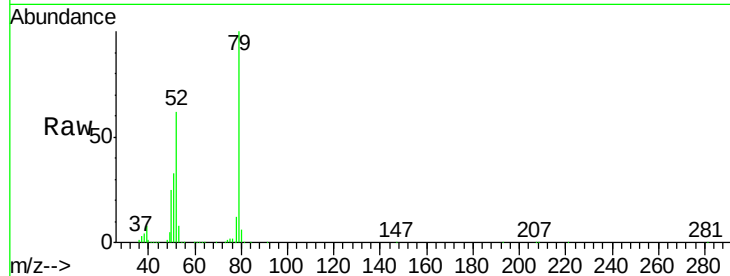
Tot Ion: 79 Resp: 1055009

Ion Ratio Lower Upper

79 100

52 62.3 50.7 76.1

51 32.9 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 38.908 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.08 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

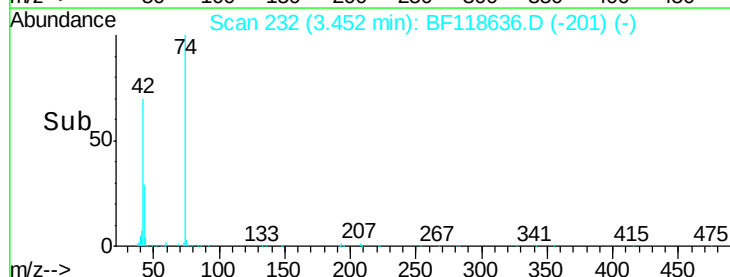
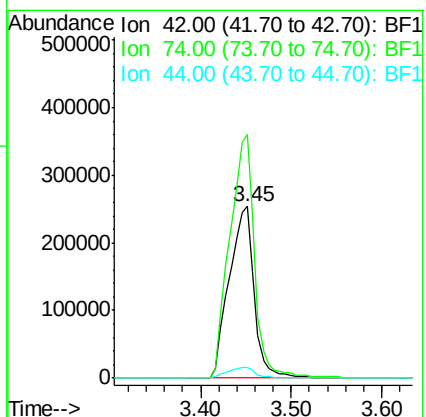
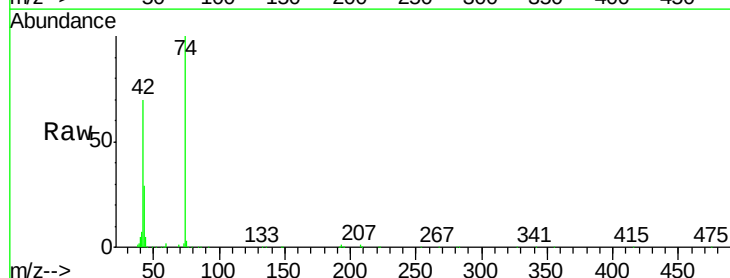
Tgt Ion: 42 Resp: 488957

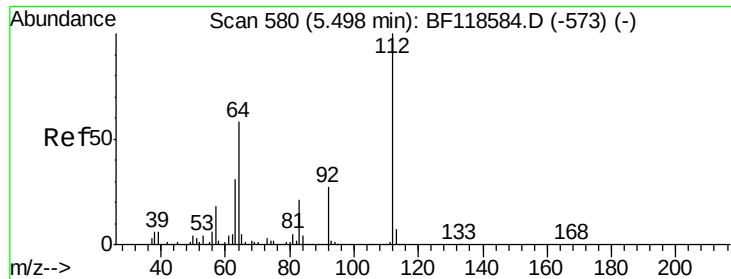
Ion Ratio Lower Upper

42 100

74 141.9 101.6 152.4

44 6.4 4.9 7.3





#5

2-Fluorophenol

Concen: 124.202 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

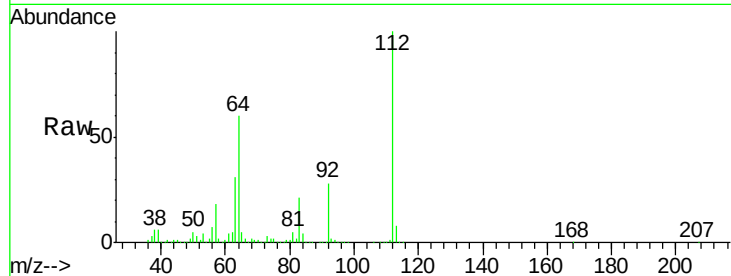
Tot Ion:112 Resp: 2666894

Ion Ratio Lower Upper

112 100

64 59.9 46.6 70.0

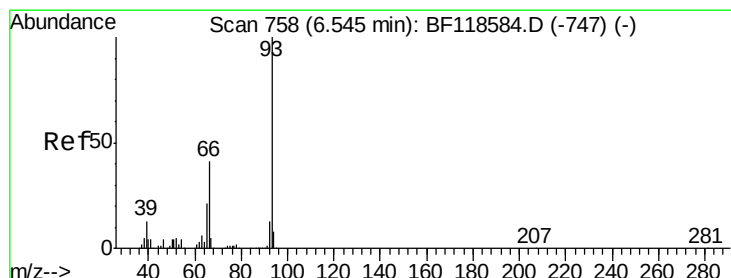
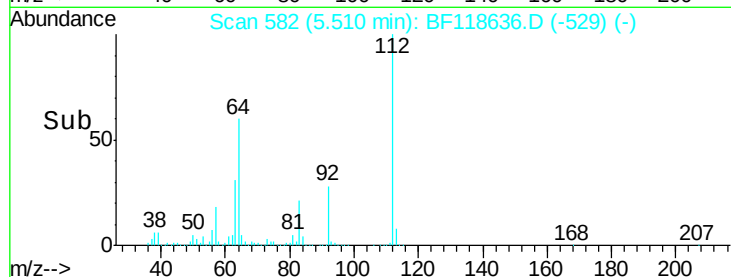
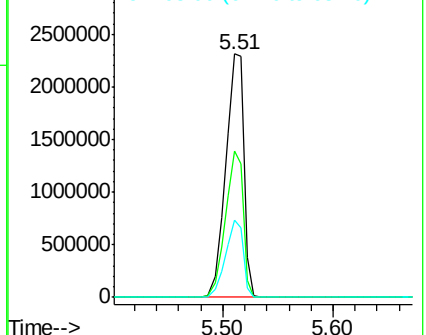
63 31.5 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.990 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

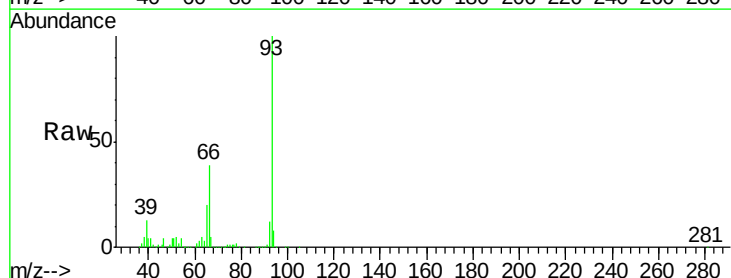
Tgt Ion: 93 Resp: 1249085

Ion Ratio Lower Upper

93 100

66 39.3 32.8 49.2

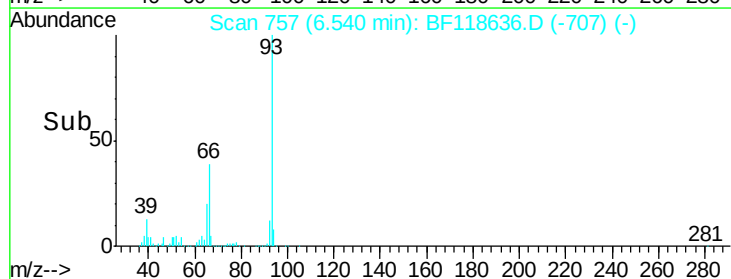
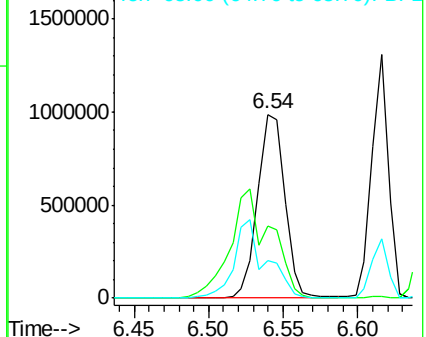
65 20.2 16.5 24.7

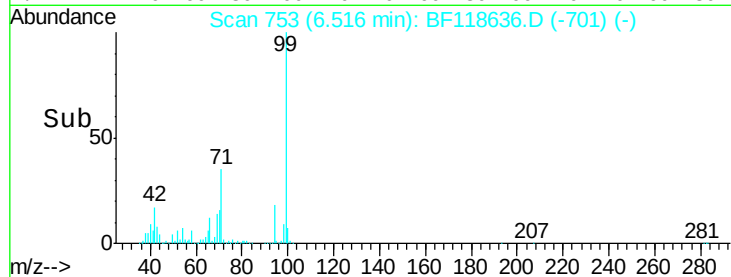
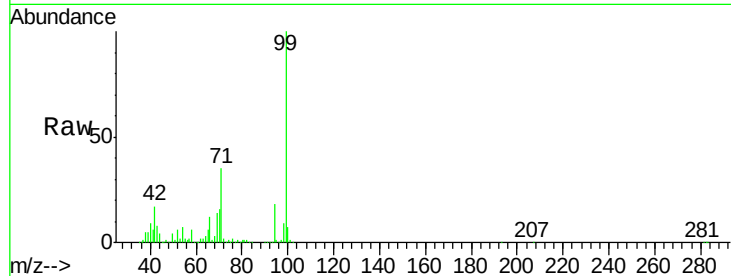
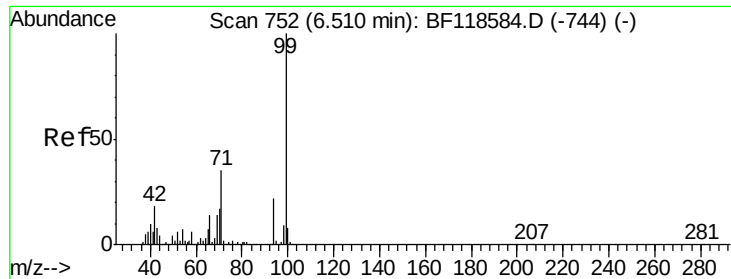


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.044 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

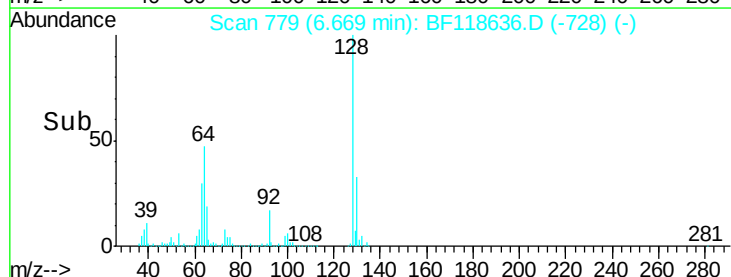
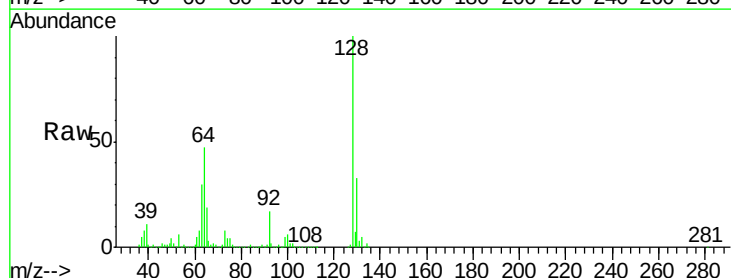
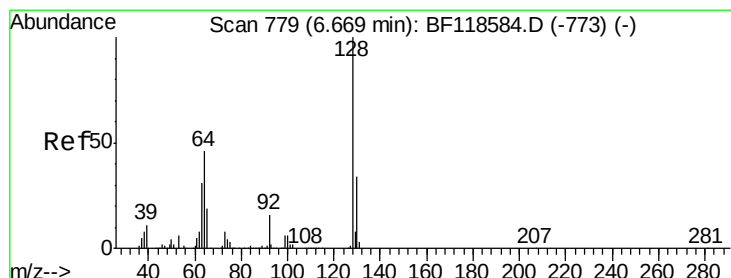
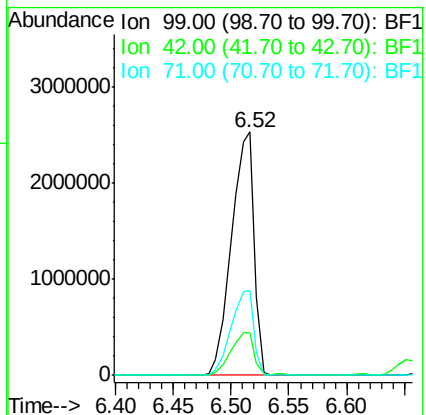
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3433960

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.2	21.2
71	34.8	27.8	41.6



#8

2-Chlorophenol

Concen: 44.711 ng

RT: 6.67 min Scan# 779

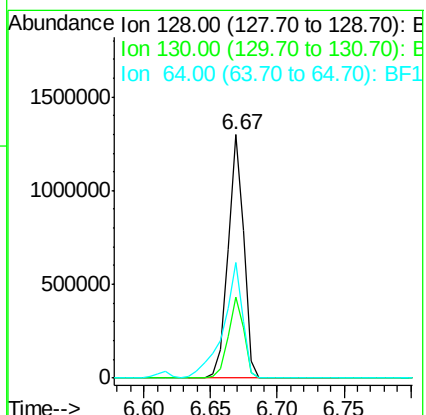
Delta R.T. 0.00 min

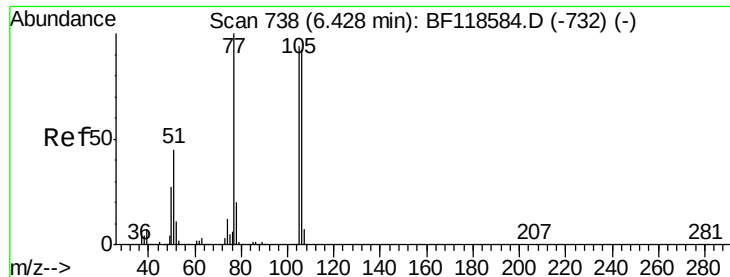
Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion: 128 Resp: 1077593

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.6	53.6
64	47.4	26.4	66.4





#9

Benzaldehyde

Concen: 34.467 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

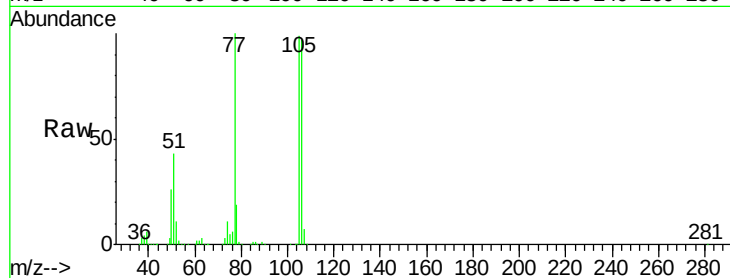
Tot Ion: 77 Resp: 585007

Ion Ratio Lower Upper

77 100

105 98.7 73.5 113.5

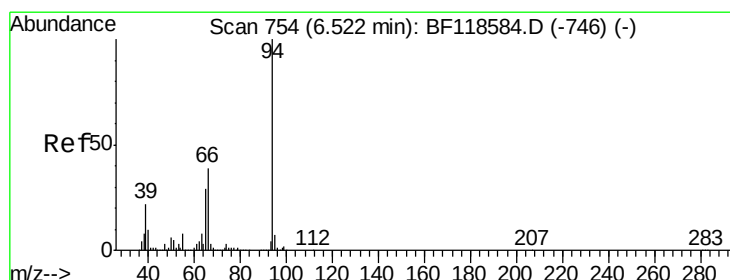
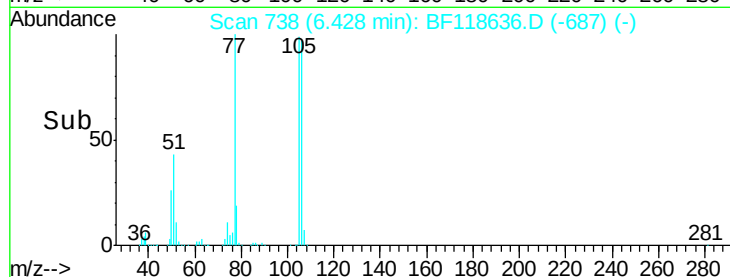
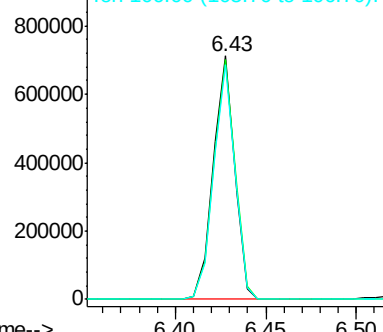
106 96.5 71.9 111.9



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: 42.297 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

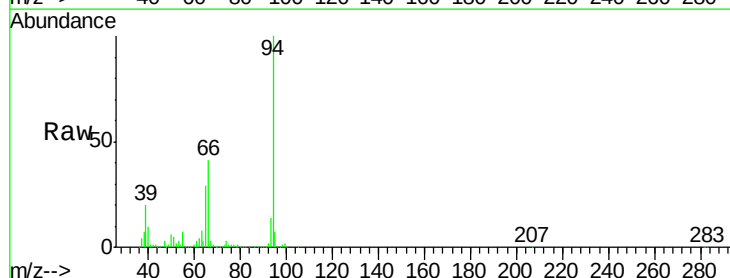
Tgt Ion: 94 Resp: 1345243

Ion Ratio Lower Upper

94 100

65 29.4 9.5 49.5

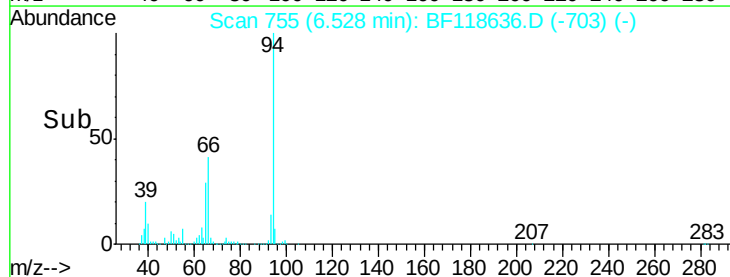
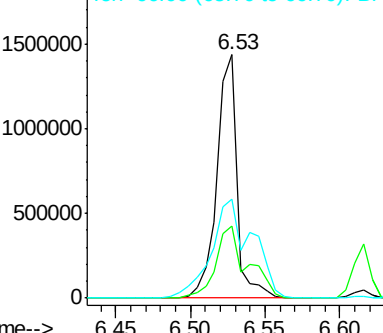
66 40.8 18.5 58.5

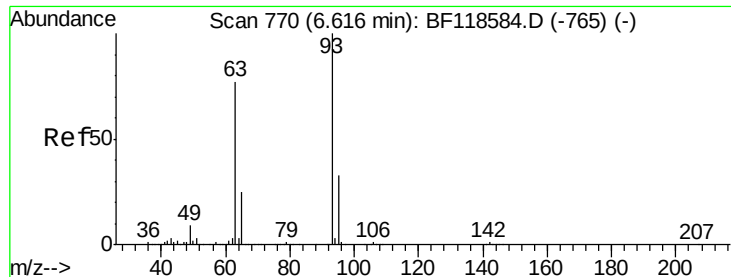


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.769 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

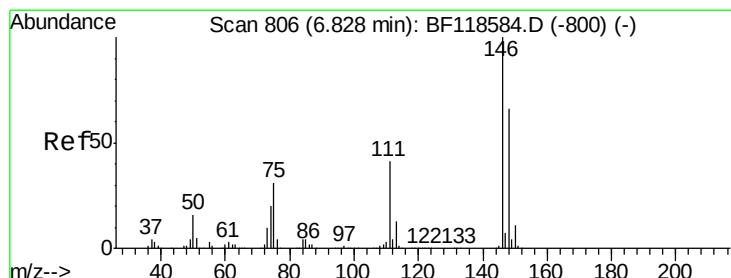
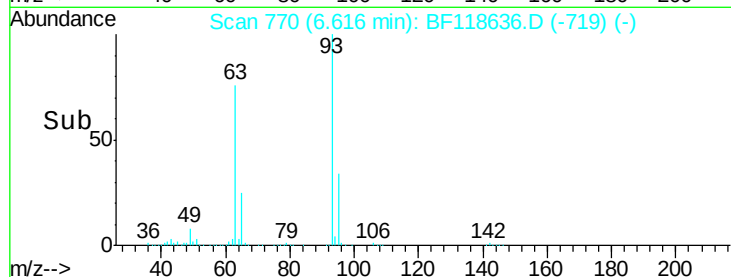
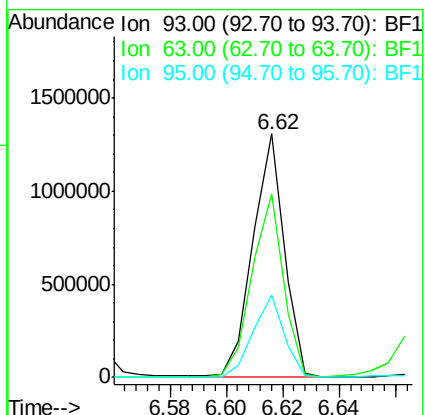
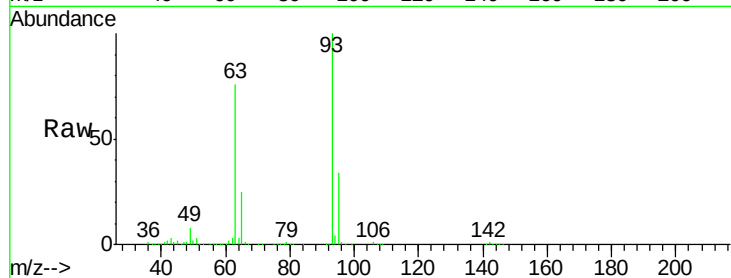
Tot Ion: 93 Resp: 1009240

Ion	Ratio	Lower	Upper
93	100		
63	75.6	56.3	96.3
95	33.7	13.3	53.3

93 100

63 75.6 56.3 96.3

95 33.7 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 41.611 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

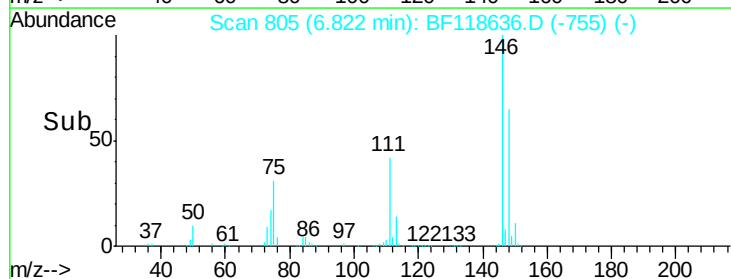
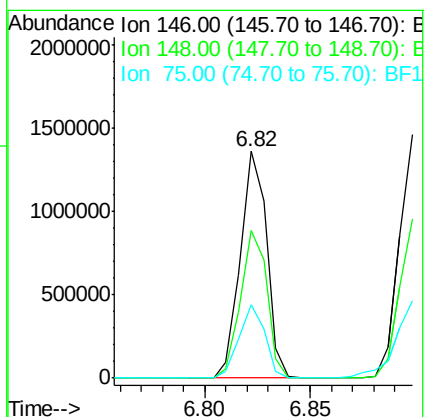
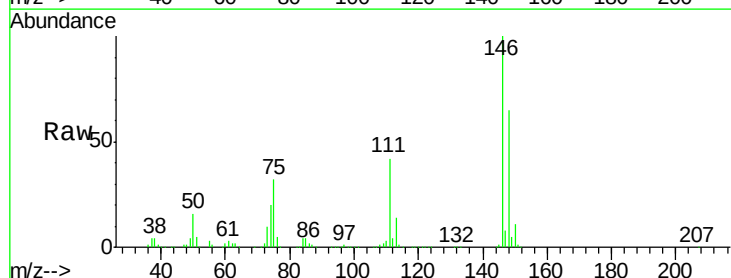
Tgt Ion: 146 Resp: 1173821

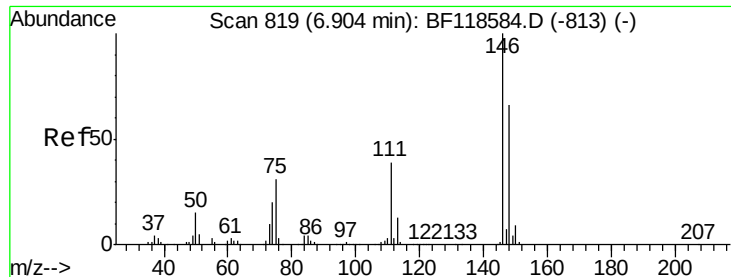
Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.0	79.6
75	32.5	25.1	37.7

146 100

148 65.4 53.0 79.6

75 32.5 25.1 37.7

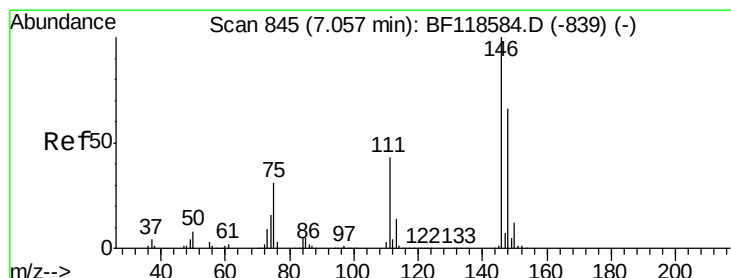
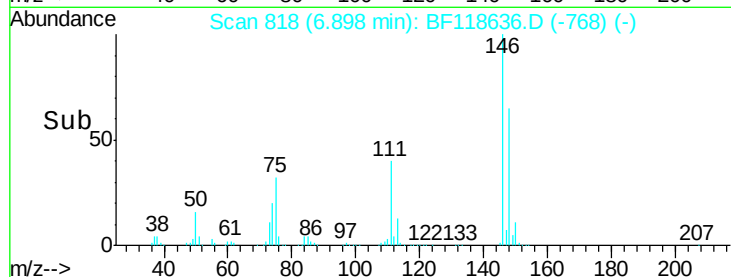
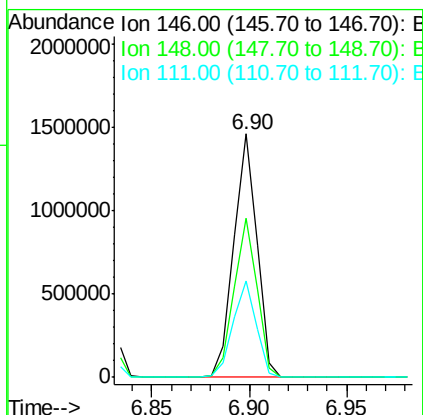
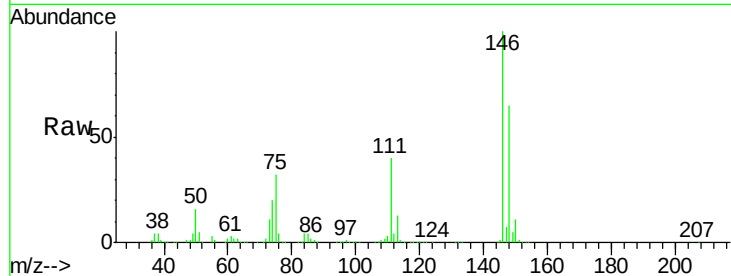




#13
 1,4-Dichlorobenzene
 Concen: 42.363 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

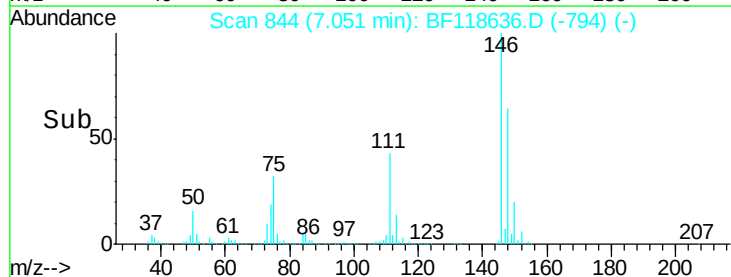
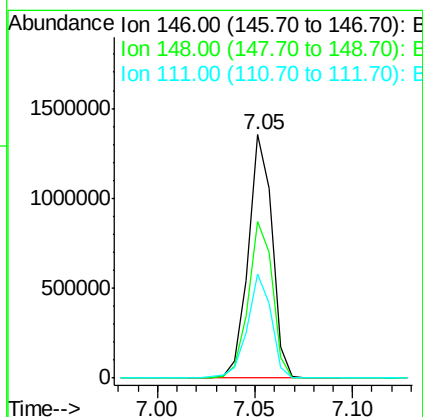
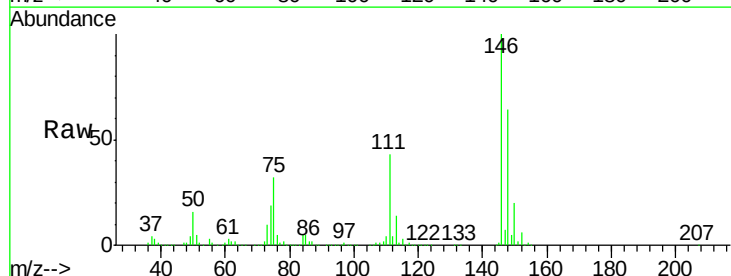
Instrument :
 BNA_F
 ClientSampleId :

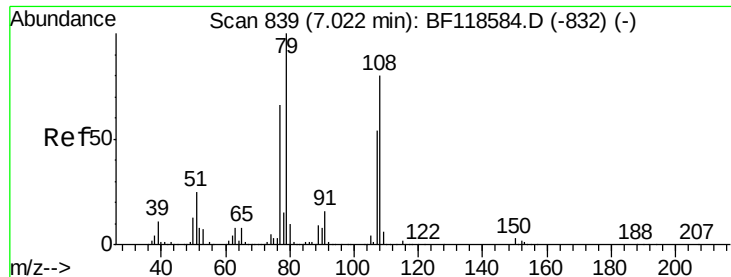
Tot Ion:146 Resp: 1199592
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.4 78.6
 111 39.8 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 42.960 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion:146 Resp: 1143570
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.7 79.1
 111 42.9 34.6 52.0





#15

Benzyl Alcohol

Concen: 43.945 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampled :

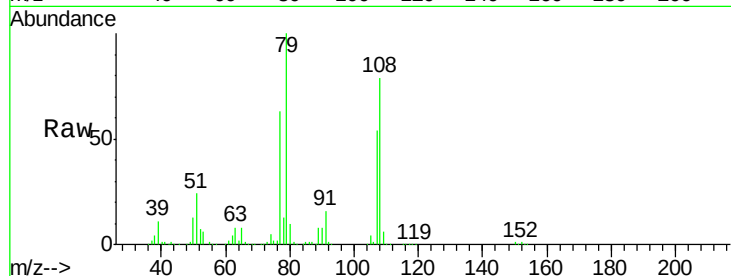
Tot Ion: 79 Resp: 972596

Ion Ratio Lower Upper

79 100

108 78.5 63.6 95.4

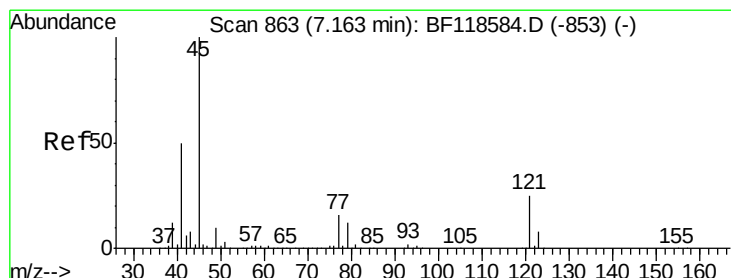
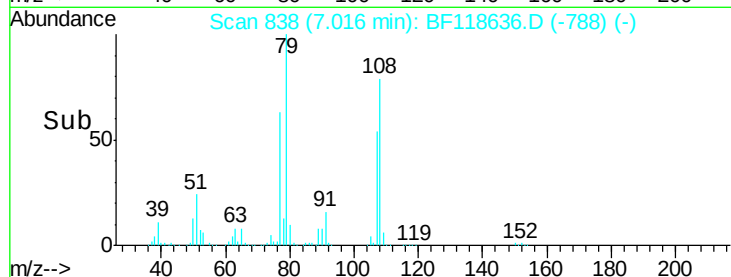
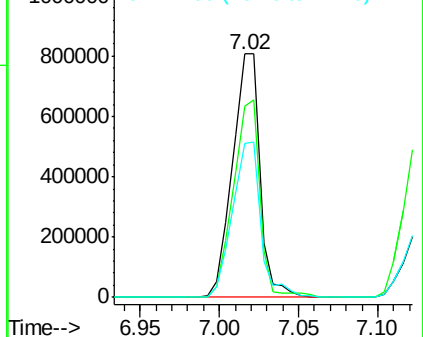
77 63.4 52.5 78.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.281 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

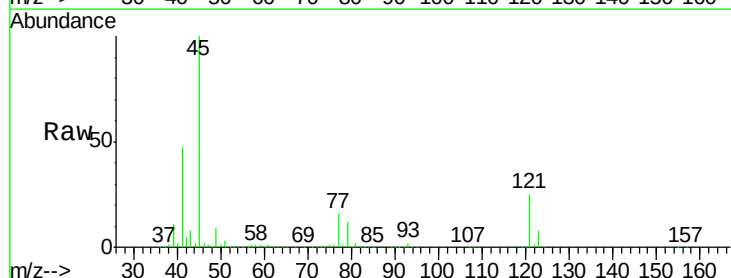
Tgt Ion: 45 Resp: 1323952

Ion Ratio Lower Upper

45 100

77 15.9 0.0 36.1

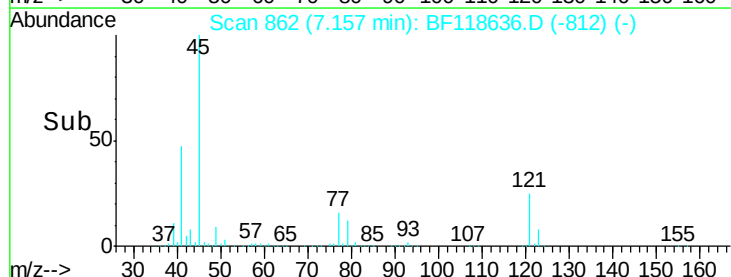
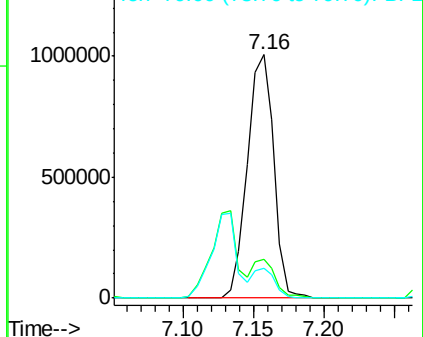
79 12.3 0.0 32.4

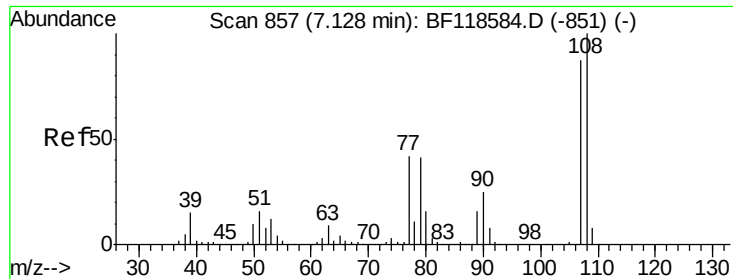


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

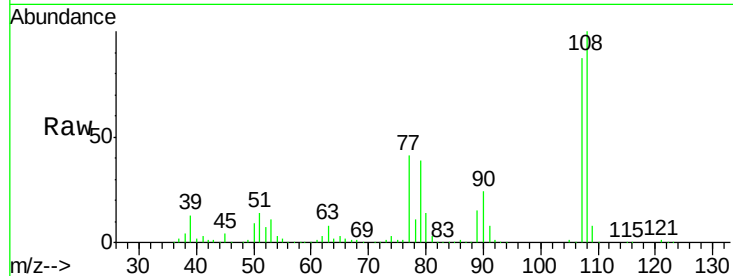




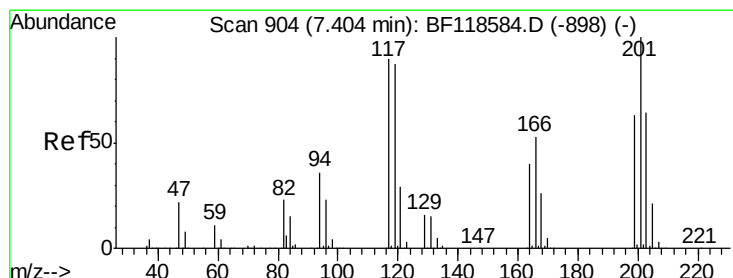
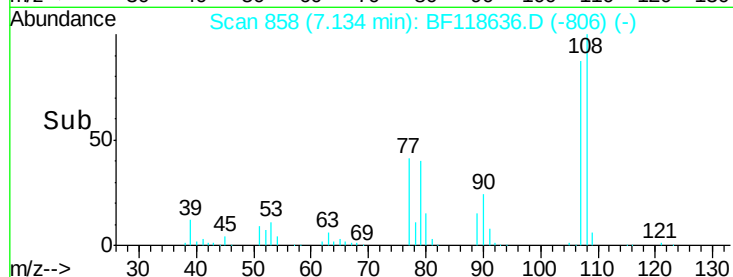
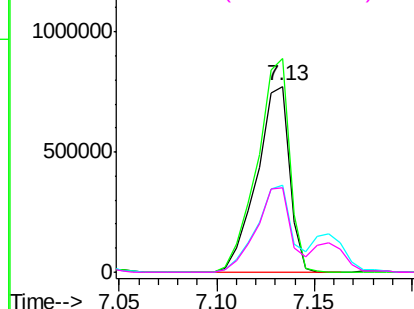
#17
2-Methylphenol
Concen: 44.933 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 902059
Ion Ratio Lower Upper
107 100
108 114.7 91.5 137.3
77 46.7 38.7 58.1
79 45.1 37.7 56.5

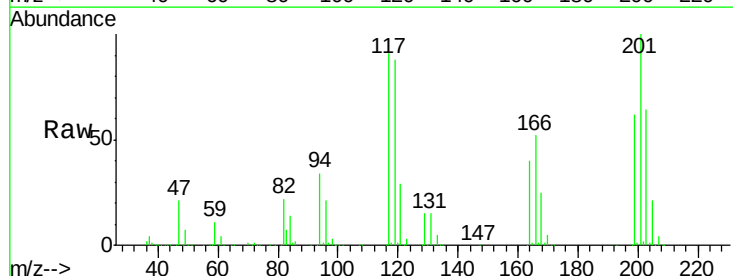


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

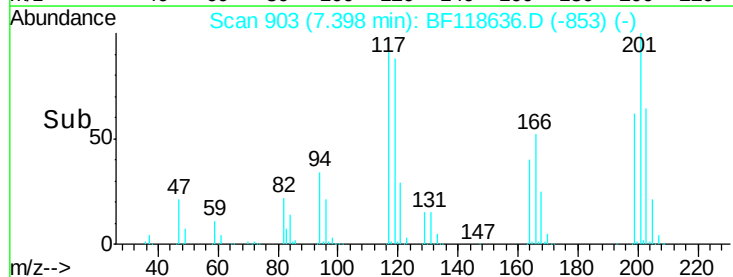
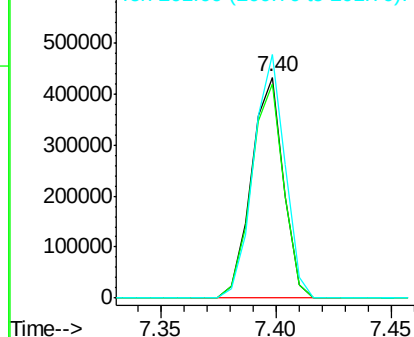


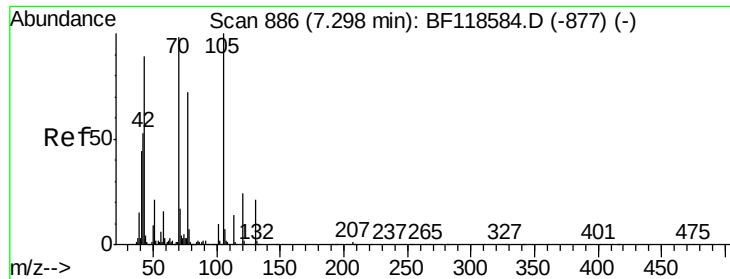
#18
Hexachloroethane
Concen: 40.814 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:117 Resp: 419078
Ion Ratio Lower Upper
117 100
119 97.1 77.6 116.4
201 110.2 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

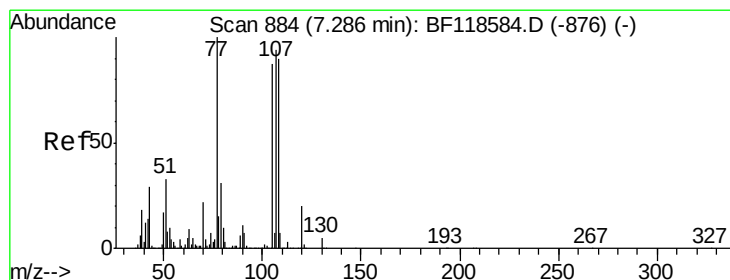
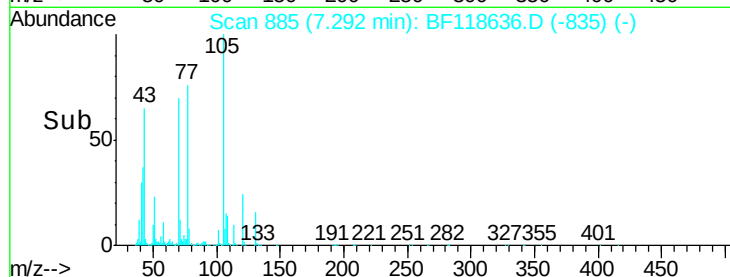
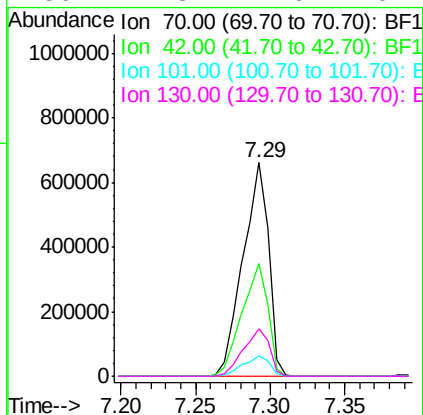
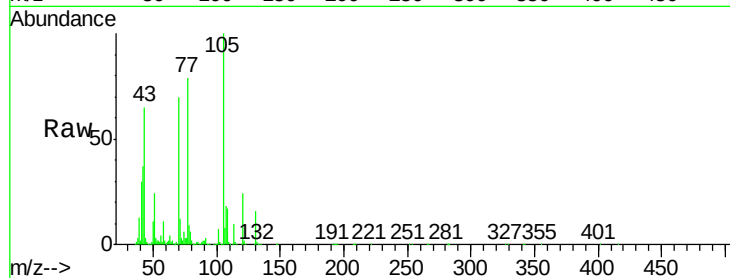




#19
n-Nitroso-di-n-propylamine
Concen: 41.772 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

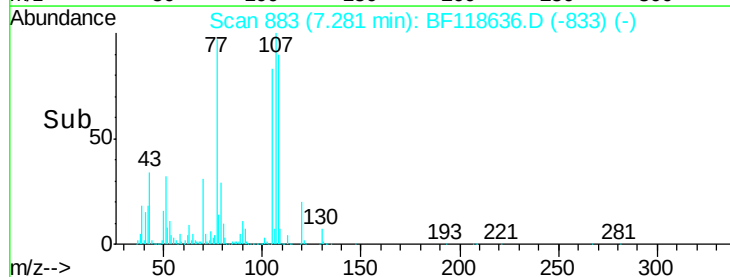
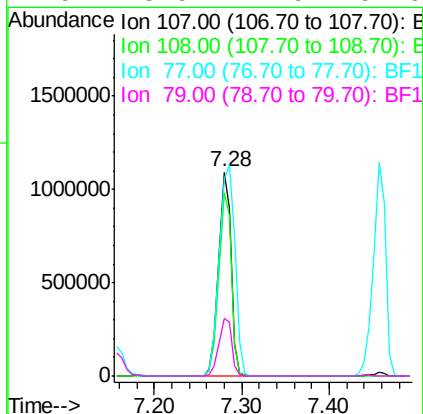
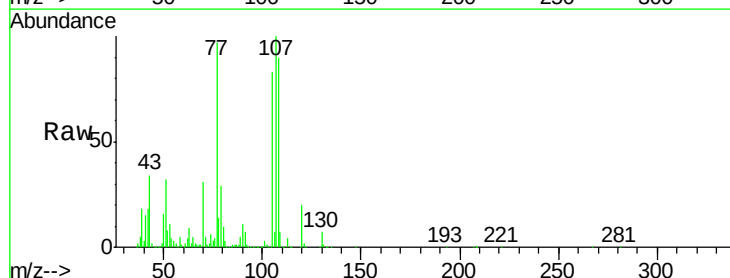
Instrument :
BNA_F
ClientSampled :

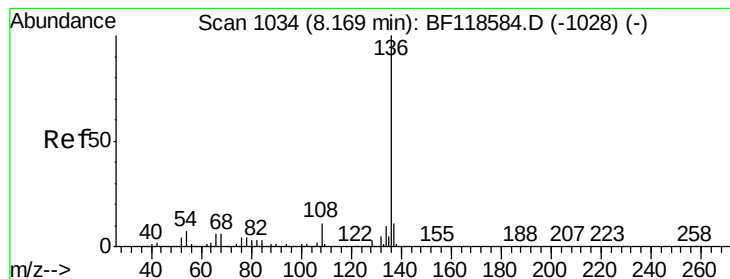
Tot Ion:	70	Resp:	787179
Ion	Ratio	Lower	Upper
70	100		
42	52.9	43.4	65.0
101	9.6	8.1	12.1
130	22.3	17.6	26.4



#20
3+4-Methylphenols
Concen: 44.803 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:	107	Resp:	1098140
Ion	Ratio	Lower	Upper
107	100		
108	89.9	75.8	115.8
77	96.8	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: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1458504

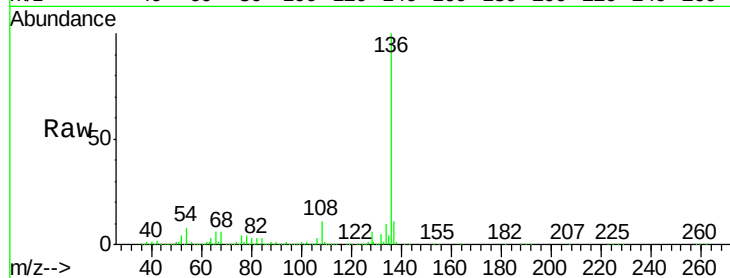
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.7 5.8 8.6

68 6.4 5.0 7.4

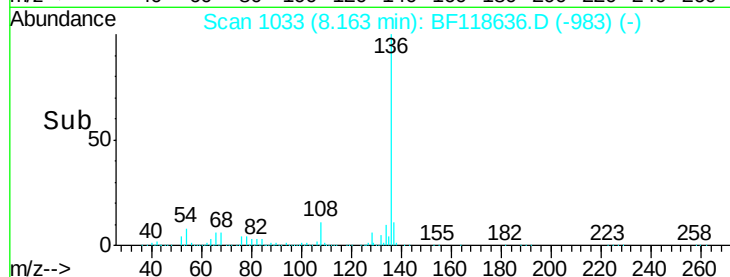


Abundance Ion 136.00 (135.70 to 136.70): E

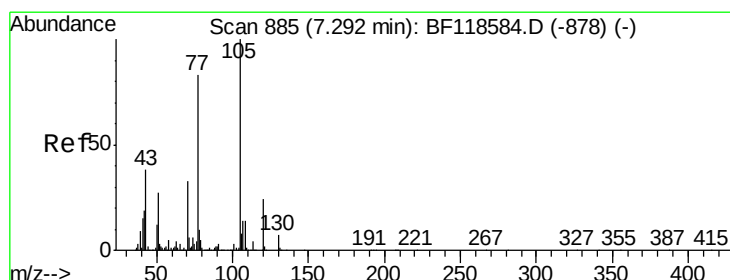
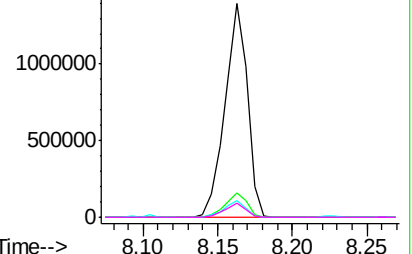
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 40.959 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion:105 Resp: 1415162

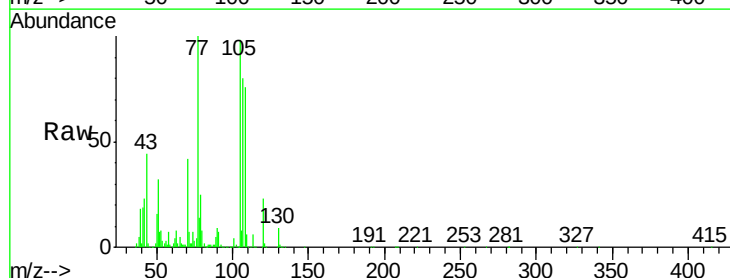
Ion Ratio Lower Upper

105 100

71 7.1 4.5 6.7#

51 32.3 21.5 32.3#

120 23.2 19.0 28.6

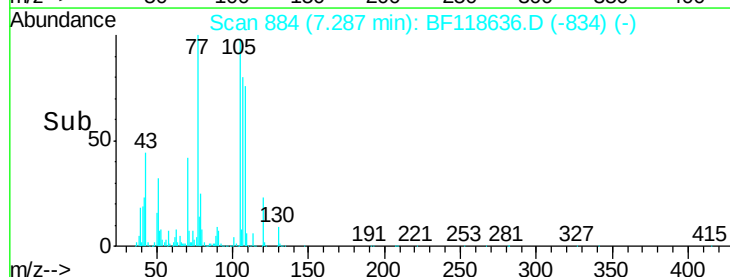


Abundance Ion 105.00 (104.70 to 105.70): E

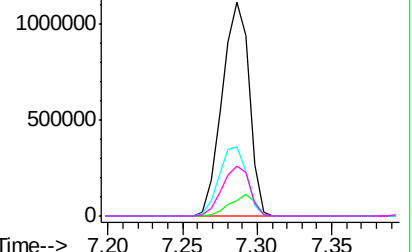
Ion 71.00 (70.70 to 71.70): BF1

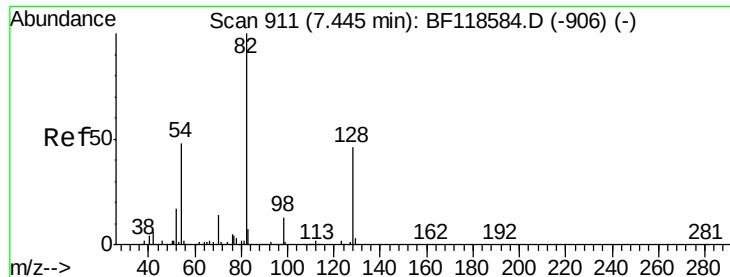
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



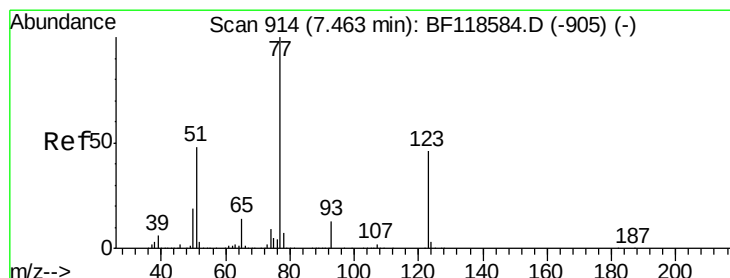
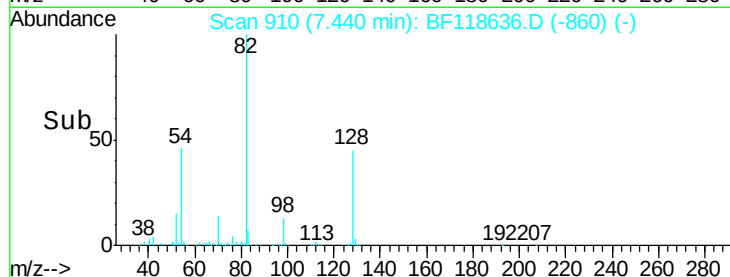
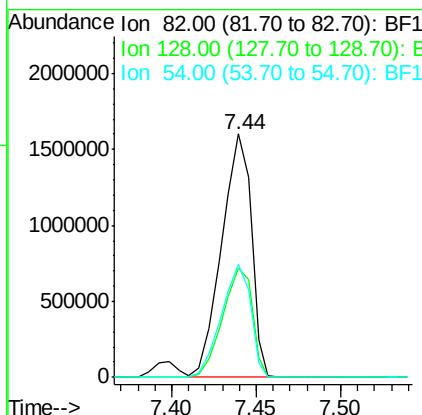
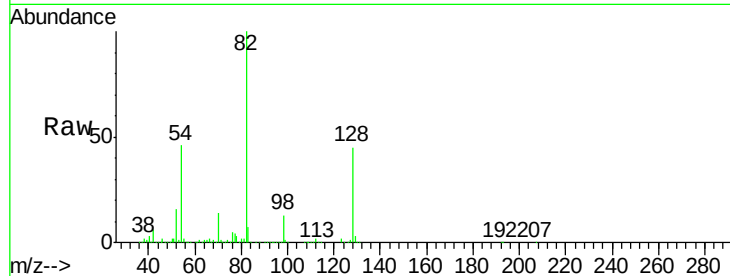


#23
 Nitrobenzene-d5
 Concen: 74.986 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1955284

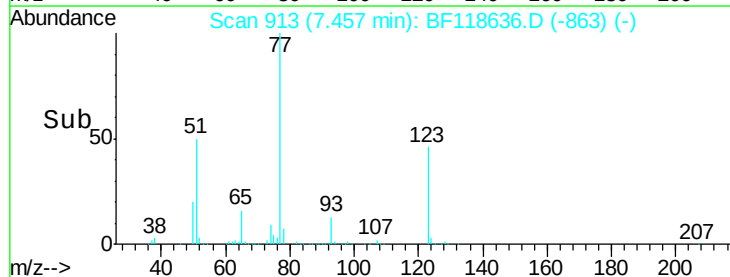
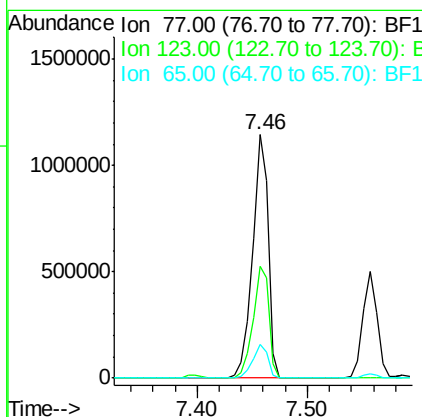
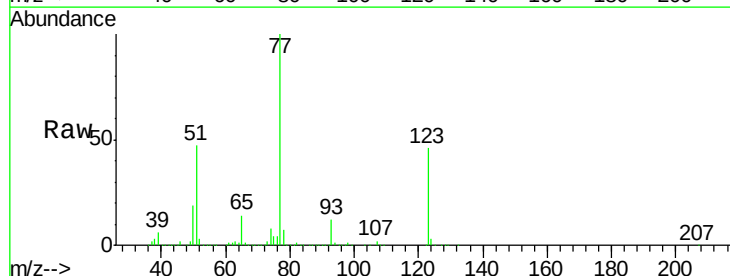
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.6	54.8
54	46.3	38.0	57.0

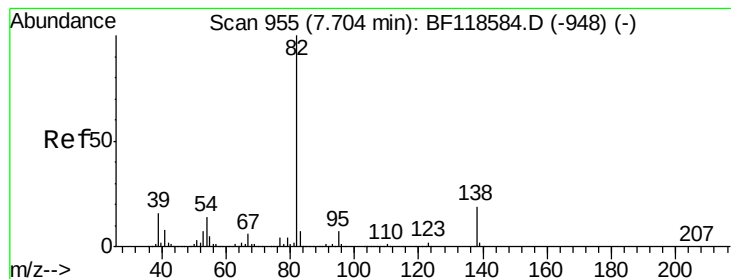


#24
 Nitrobenzene
 Concen: 42.362 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion: 77 Resp: 1131038

Ion	Ratio	Lower	Upper
77	100		
123	45.9	37.0	55.4
65	14.0	11.1	16.7





#25

Isophorone

Concen: 43.894 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

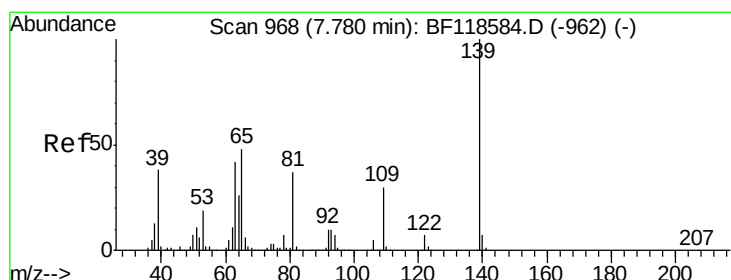
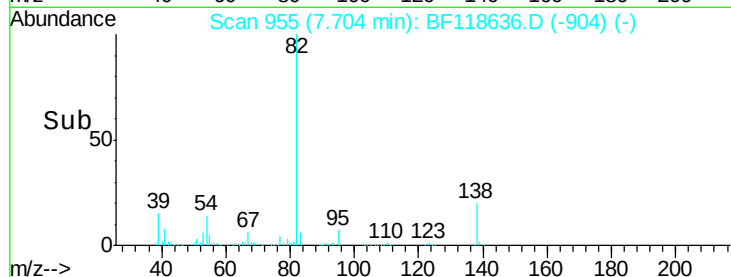
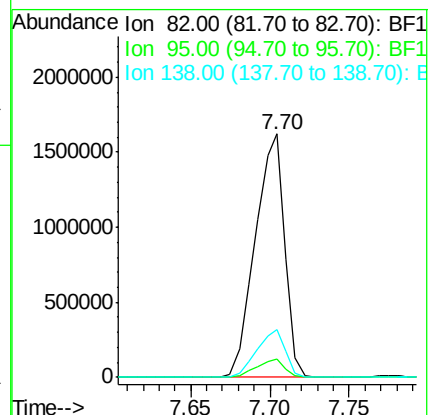
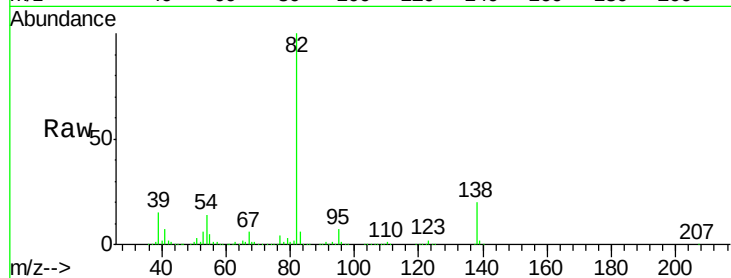
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 2087627

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.9	8.9
138	19.5	15.3	22.9



#26

2-Nitrophenol

Concen: 47.096 ng

RT: 7.77 min Scan# 967

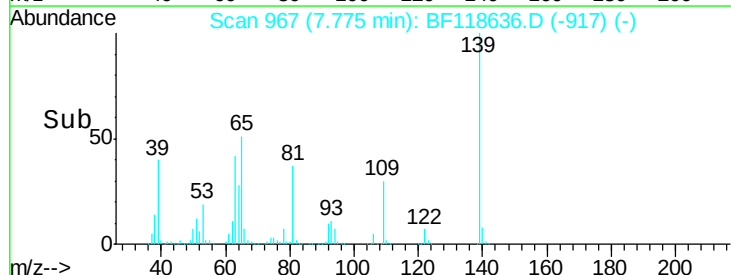
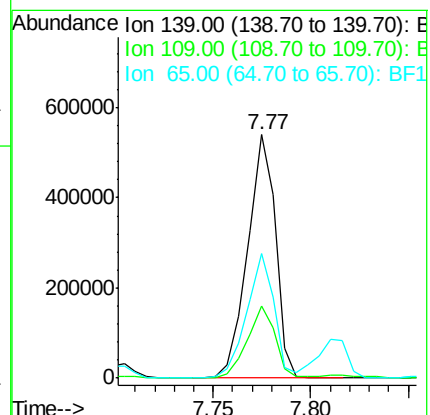
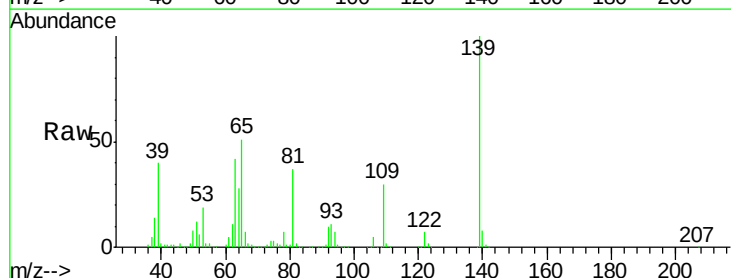
Delta R.T. -0.01 min

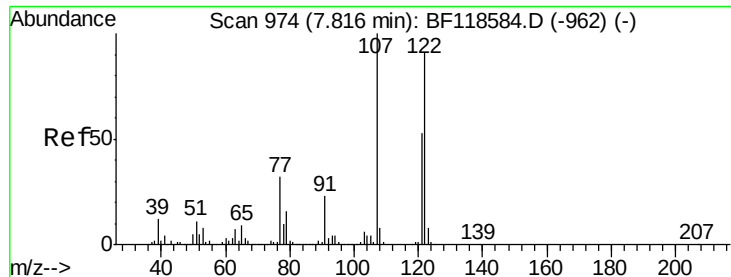
Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion: 139 Resp: 536229

Ion	Ratio	Lower	Upper
139	100		
109	29.6	23.8	35.8
65	51.1	38.5	57.7





#27

2,4-Dimethylphenol

Concen: 52.174 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

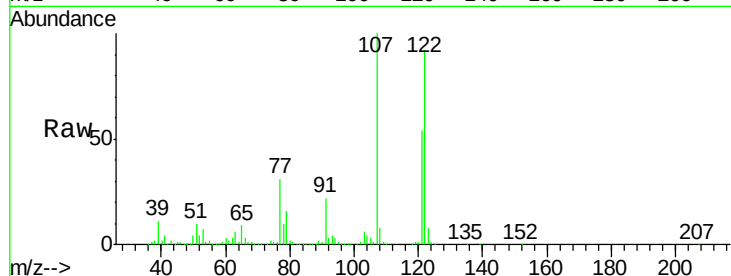
Tot Ion:122 Resp: 1025802

Ion Ratio Lower Upper

122 100

107 108.3 88.0 132.0

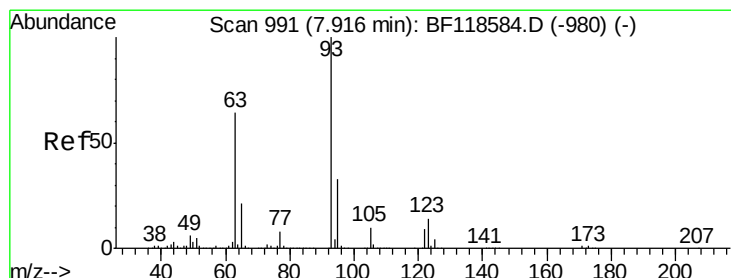
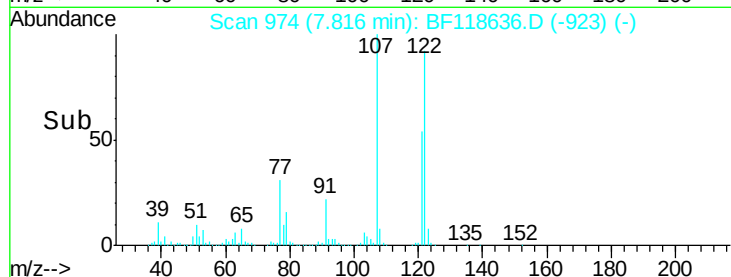
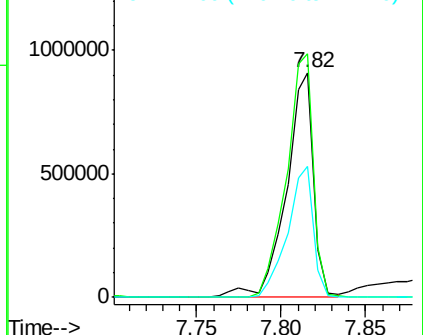
121 58.1 46.3 69.5



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: 42.179 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

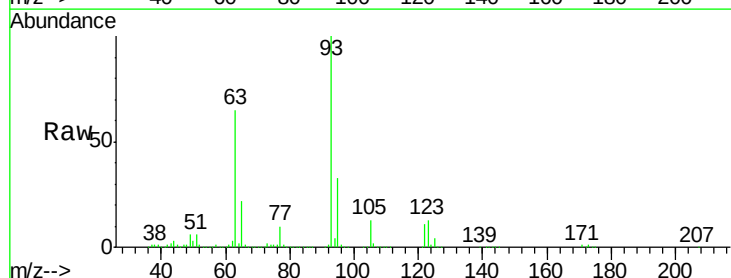
Tgt Ion: 93 Resp: 1292588

Ion Ratio Lower Upper

93 100

95 33.2 26.7 40.1

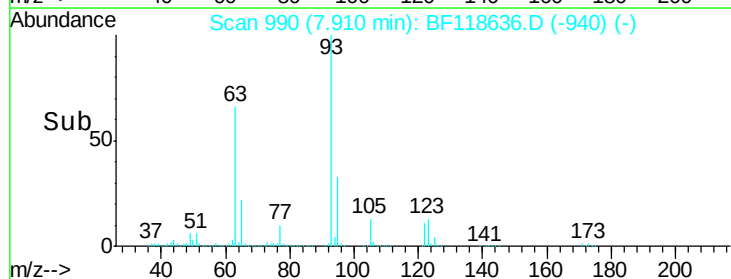
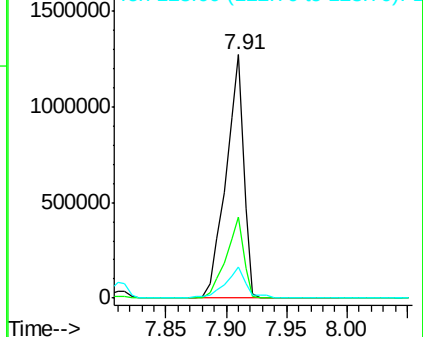
123 13.0 11.0 16.6

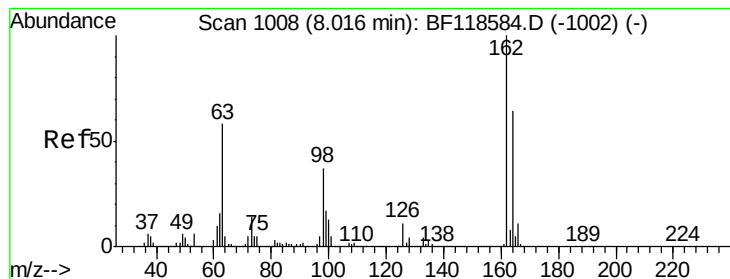


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.929 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampled :

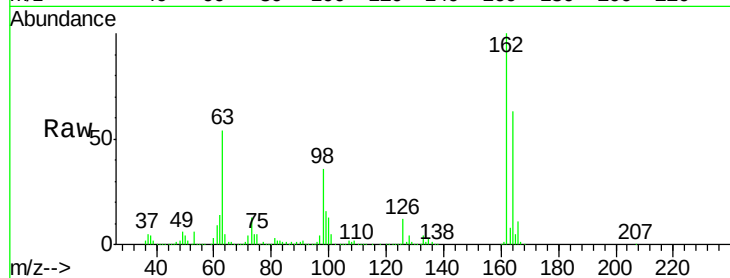
Tot Ion:162 Resp: 976495

Ion Ratio Lower Upper

162 100

164 63.4 44.3 84.3

98 36.4 17.5 57.5

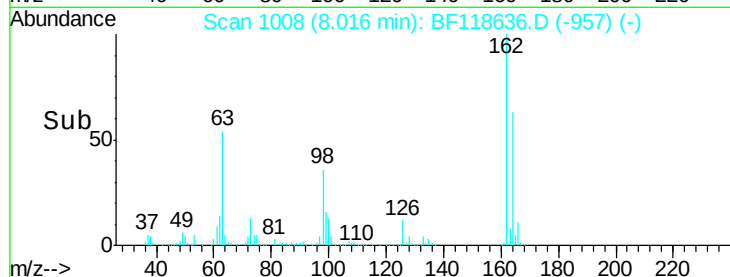


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

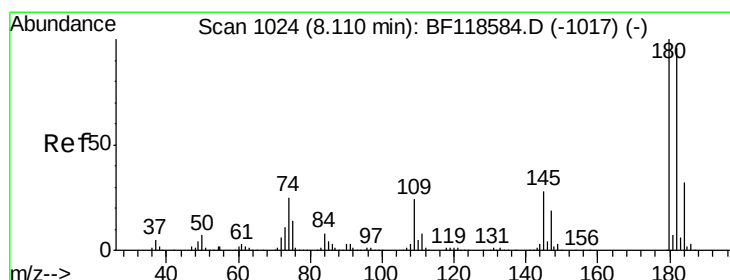
Ion 98.00 (97.70 to 98.70): BF1

Time-->



8.02

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 42.118 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

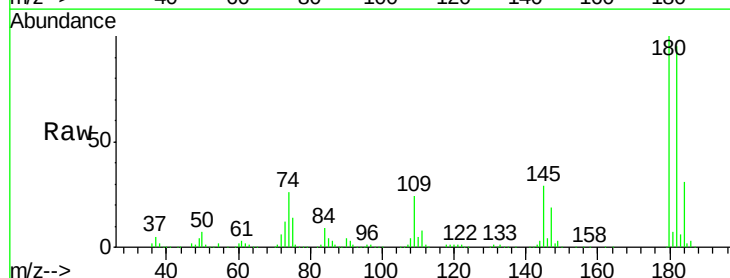
Tgt Ion:180 Resp: 1061409

Ion Ratio Lower Upper

180 100

182 95.4 76.9 115.3

145 29.1 22.8 34.2

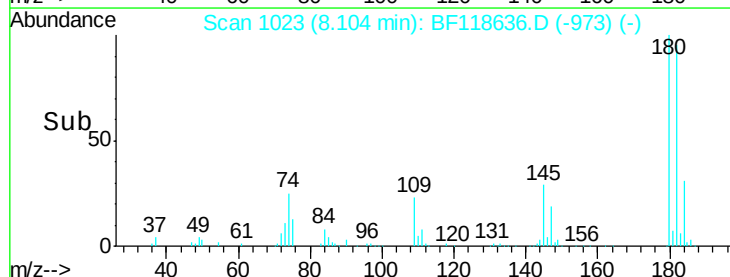


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

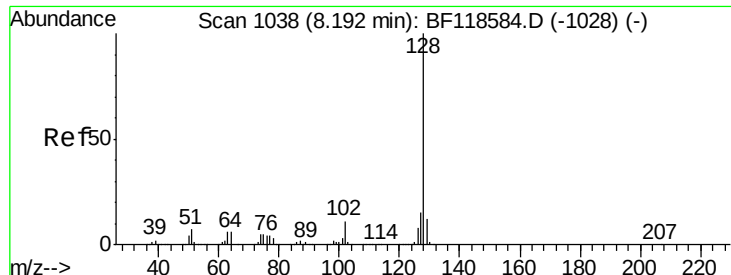
Ion 145.00 (144.70 to 145.70): E

Time-->



8.10

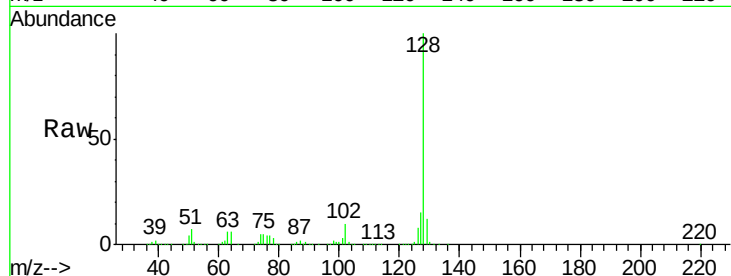
Time-->



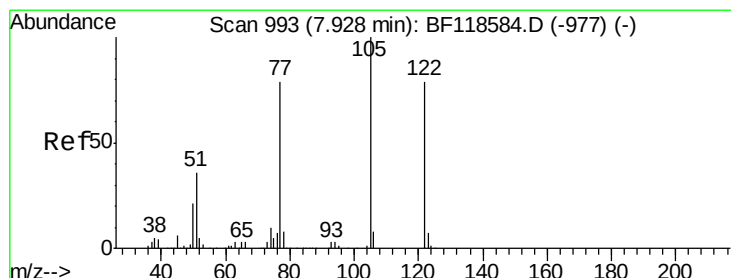
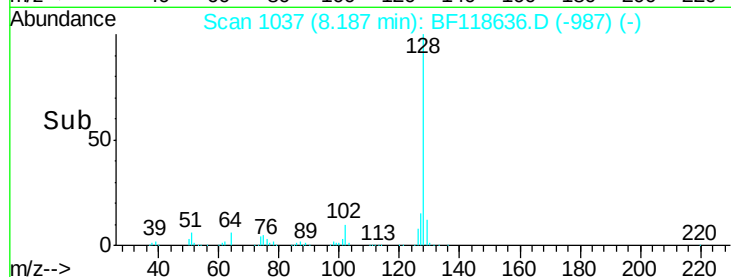
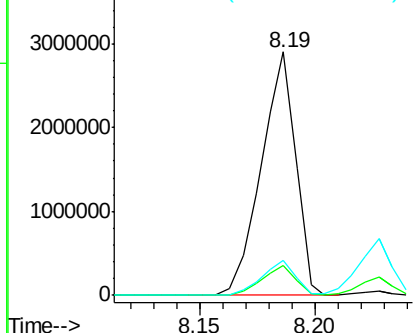
#31
Naphthalene
Concen: 45.600 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 3004391
Ion Ratio Lower Upper
128 100
129 12.4 9.9 14.9
127 14.6 12.0 18.0

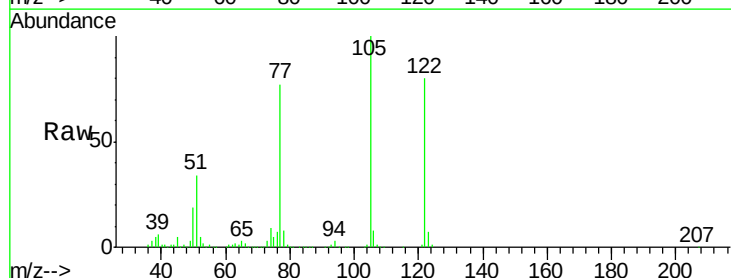


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

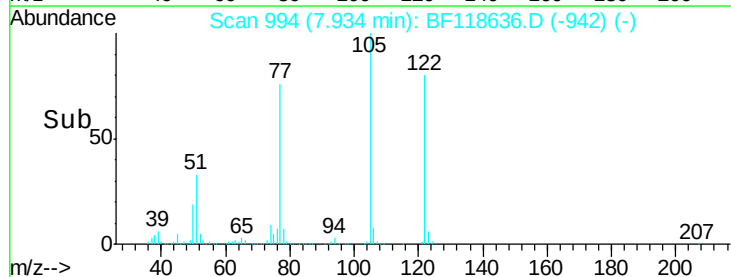
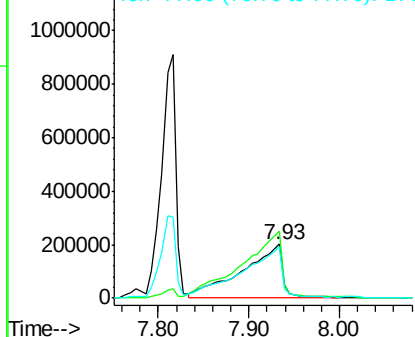


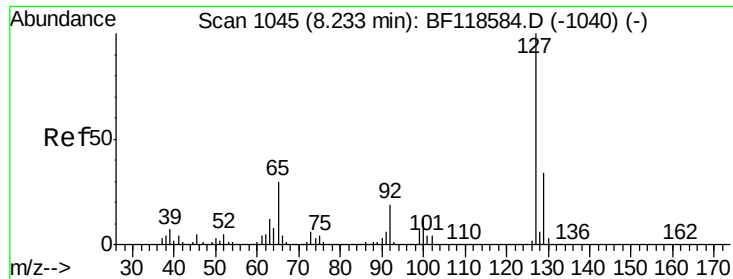
#32
Benzoic acid
Concen: 41.489 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:122 Resp: 612201
Ion Ratio Lower Upper
122 100
105 124.4 104.3 144.3
77 95.9 79.4 119.4



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

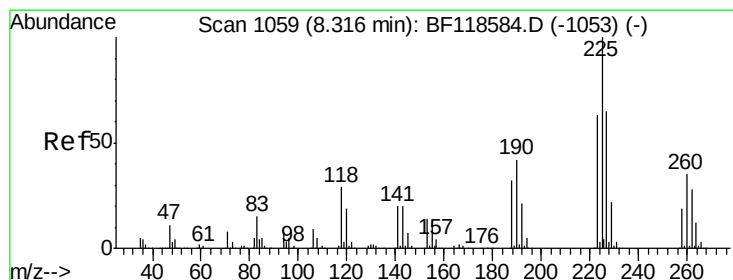
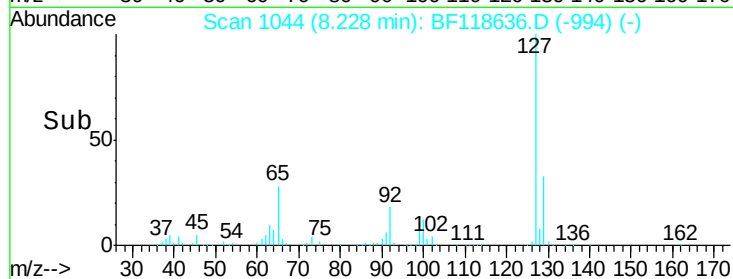
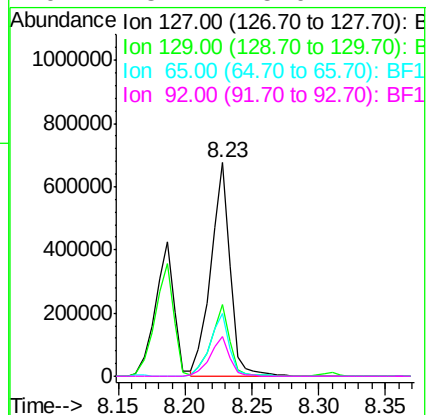
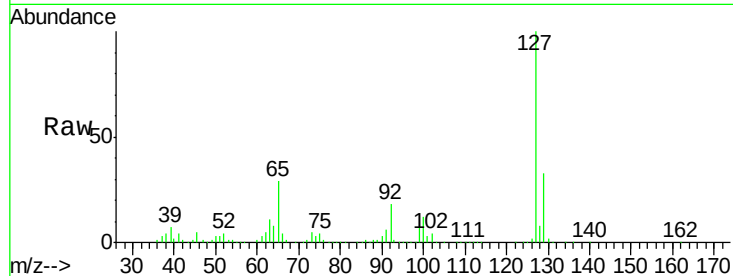




#33
4-Chloroaniline
Concen: 22.421 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

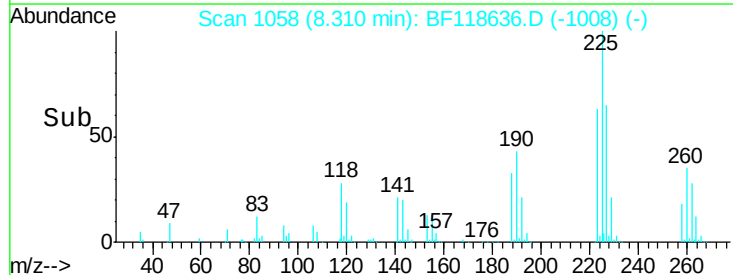
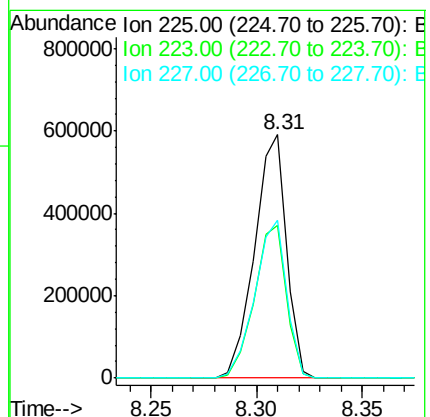
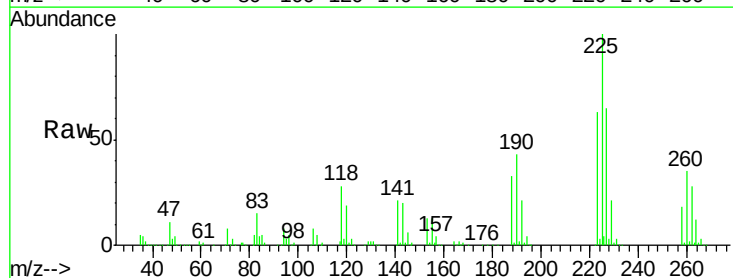
Instrument :
BNA_F
ClientSampled :

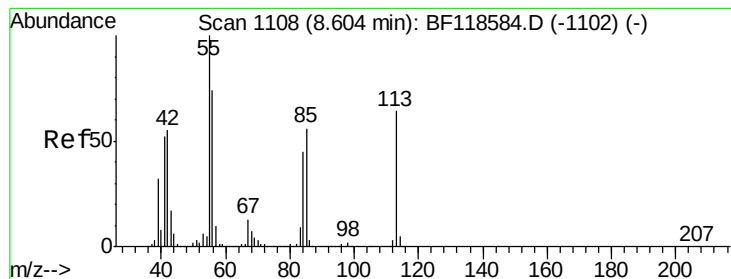
Tot Ion:	127	Resp:	682763
Ion	Ratio	Lower	Upper
127	100		
129	33.5	27.4	41.0
65	29.4	23.6	35.4
92	18.4	15.0	22.4



#34
Hexachlorobutadiene
Concen: 40.421 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:	225	Resp:	620324
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.4
227	64.9	52.1	78.1





#35

Caprolactam

Concen: 20.776 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

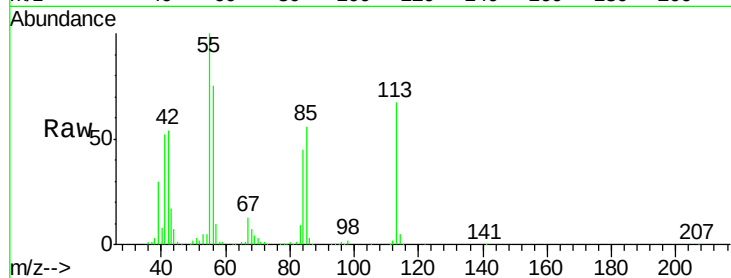
Tot Ion:113 Resp: 147775

Ion Ratio Lower Upper

113 100

55 149.8 136.1 176.1

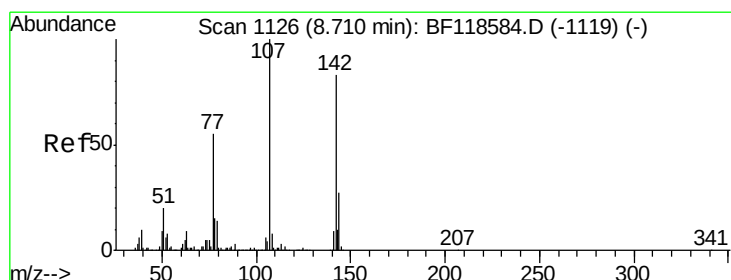
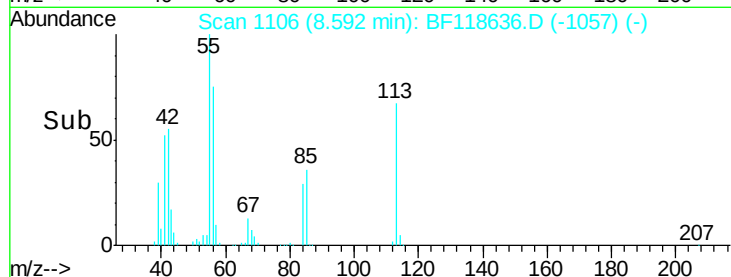
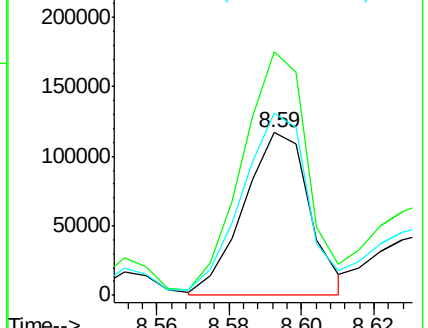
56 112.3 95.2 135.2



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: 44.646 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

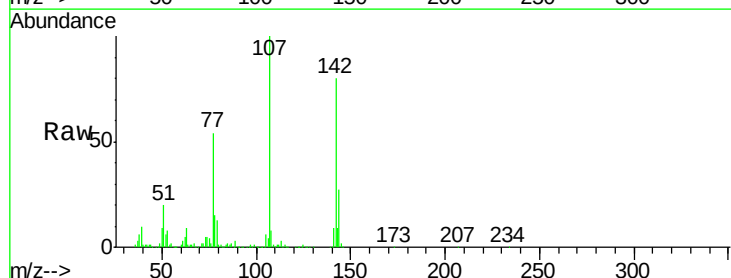
Tgt Ion:107 Resp: 958226

Ion Ratio Lower Upper

107 100

144 26.6 21.8 32.8

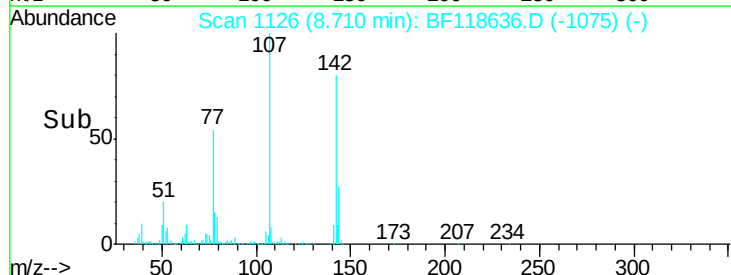
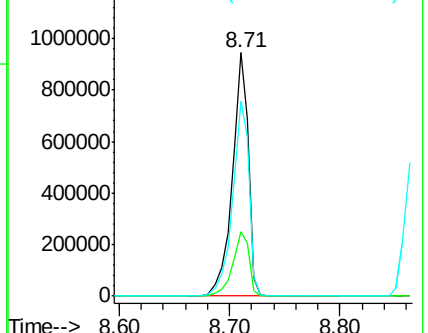
142 80.1 66.5 99.7

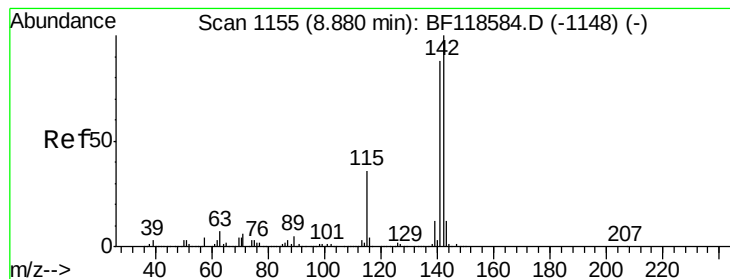


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.136 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

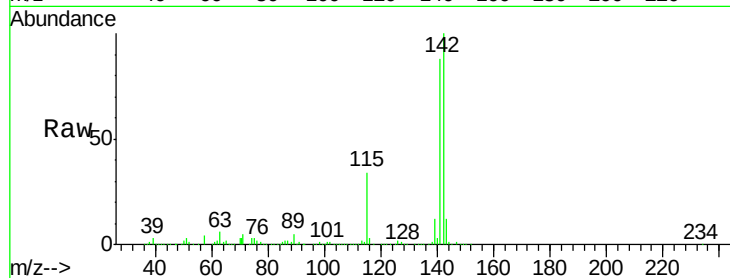
Tot Ion:142 Resp: 2145594

Ion Ratio Lower Upper

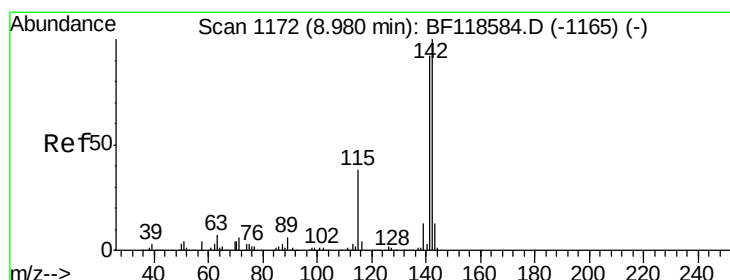
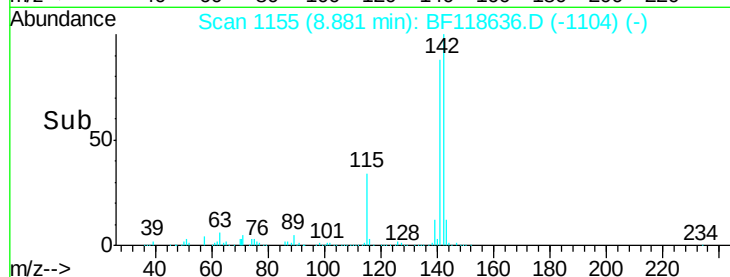
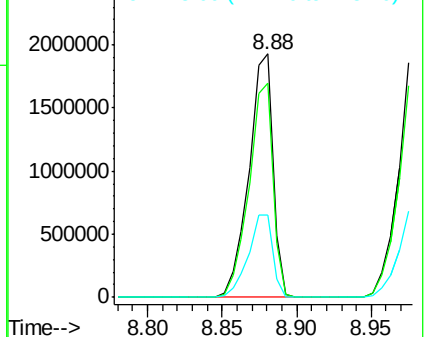
142 100

141 88.2 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: 45.548 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

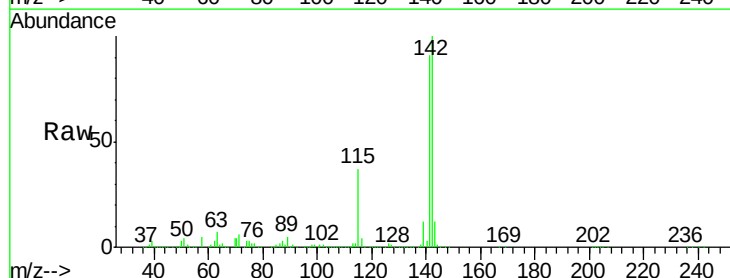
Tgt Ion:142 Resp: 2012418

Ion Ratio Lower Upper

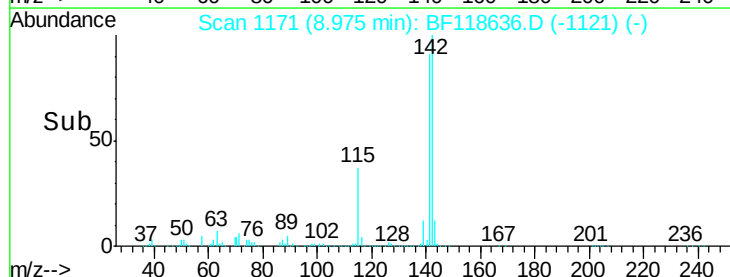
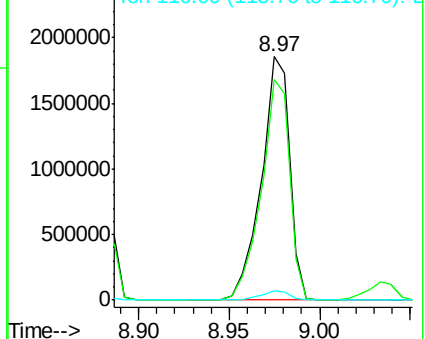
142 100

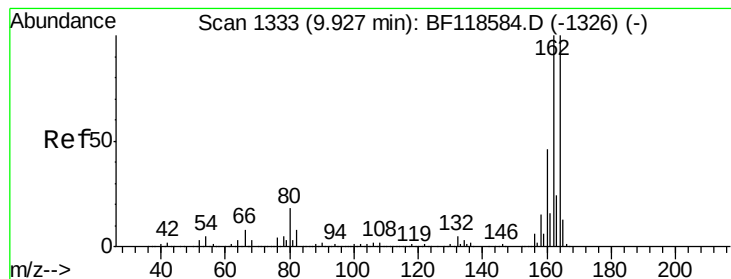
141 90.5 73.4 110.2

116 3.9 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: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

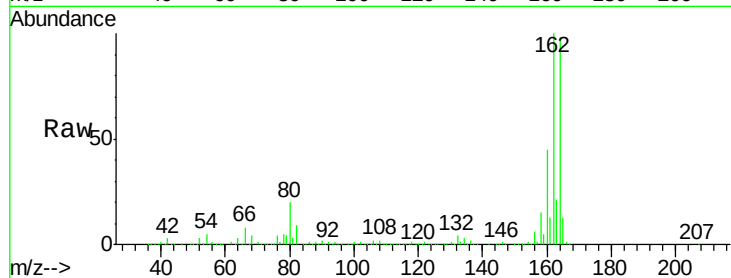
Tot Ion:164 Resp: 846432

Ion Ratio Lower Upper

164 100

162 101.9 80.4 120.6

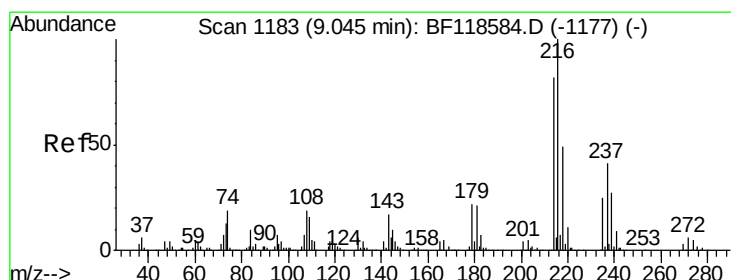
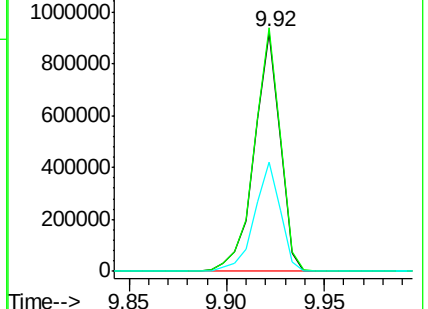
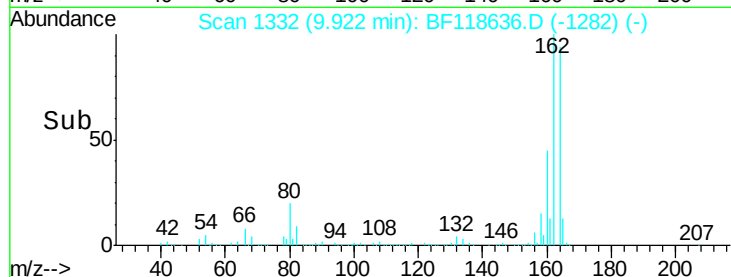
160 45.5 36.6 55.0



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: 40.308 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion:216 Resp: 1067530

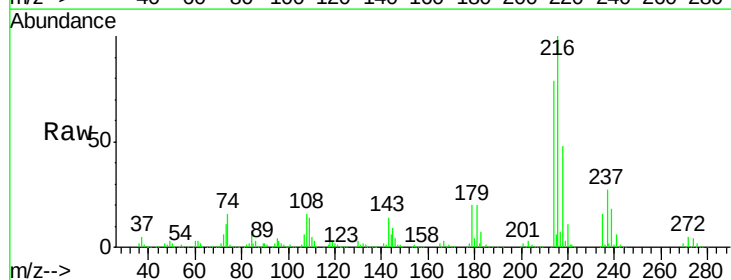
Ion Ratio Lower Upper

216 100

214 79.1 64.2 96.2

179 20.1 16.6 25.0

108 19.4 14.4 21.6

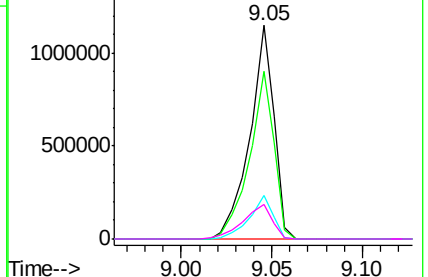
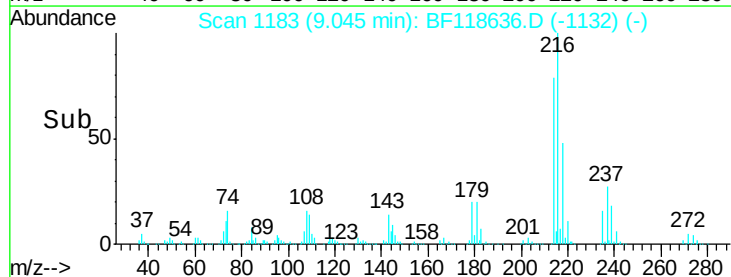


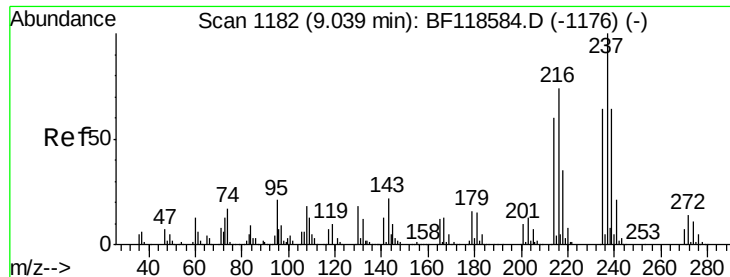
Abundance Ion 216.00 (215.70 to 216.70): E

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

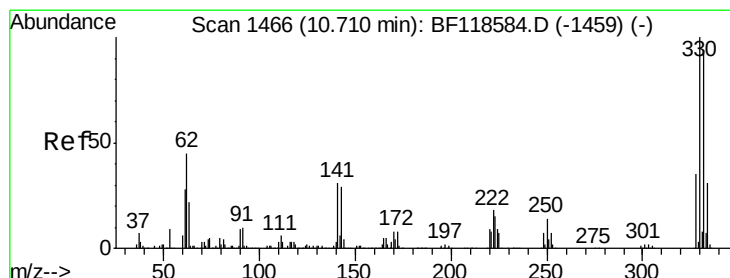
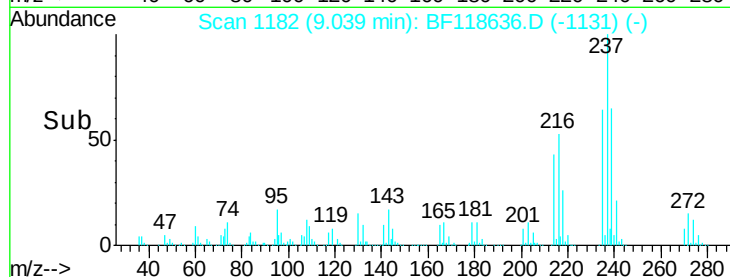
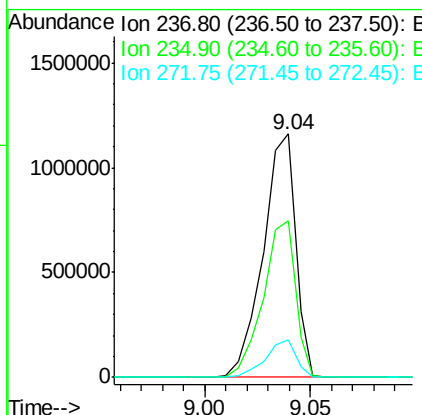
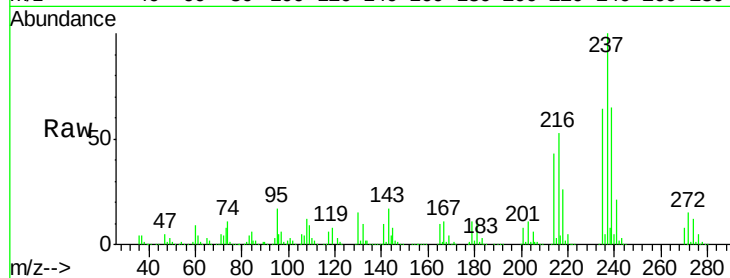




#41
Hexachlorocyclopentadiene
Concen: 93.294 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

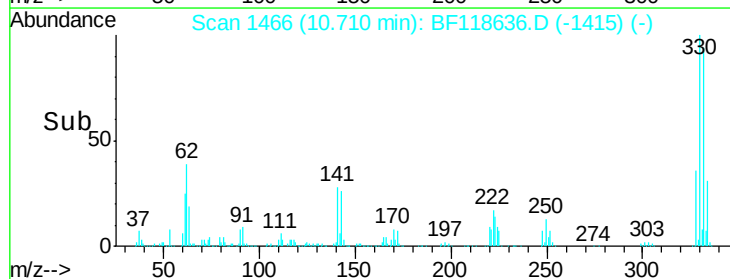
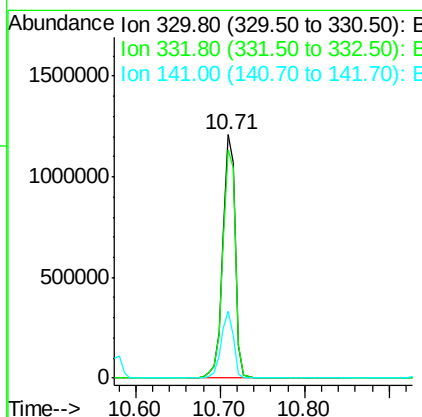
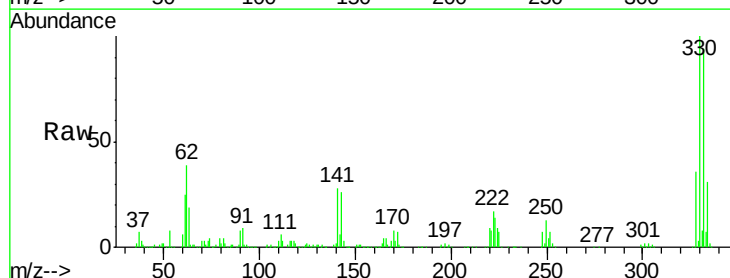
Instrument :
BNA_F
ClientSampleId :

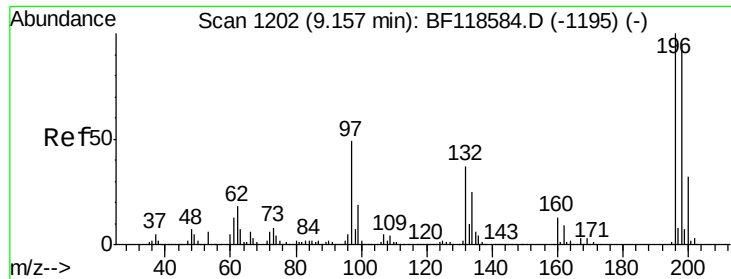
Tot Ion:237 Resp: 1246615
Ion Ratio Lower Upper
237 100
235 64.1 44.0 84.0
272 15.2 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 126.722 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:330 Resp: 1240621
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 27.6 23.9 35.9

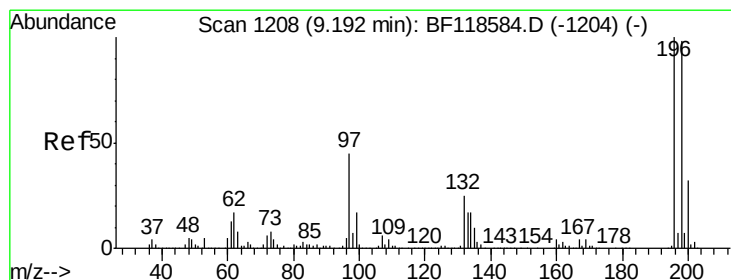
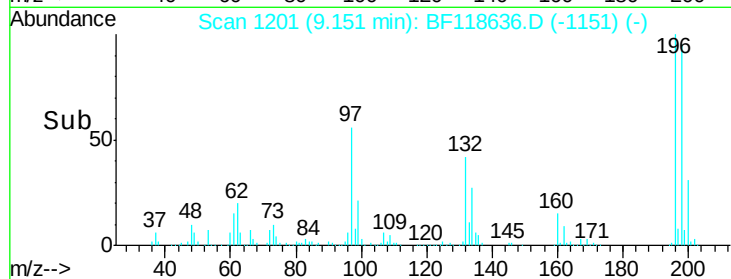
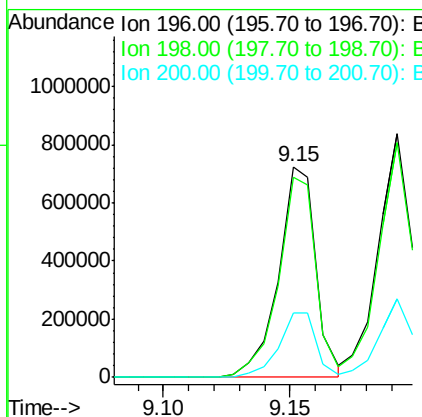
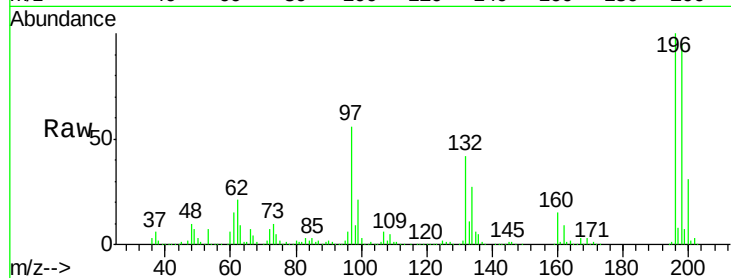




#43
 2,4,6-Trichlorophenol
 Concen: 42.488 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

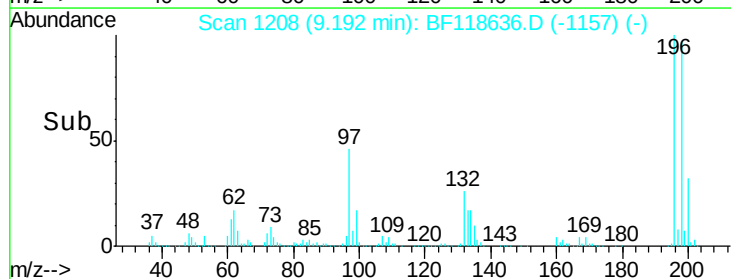
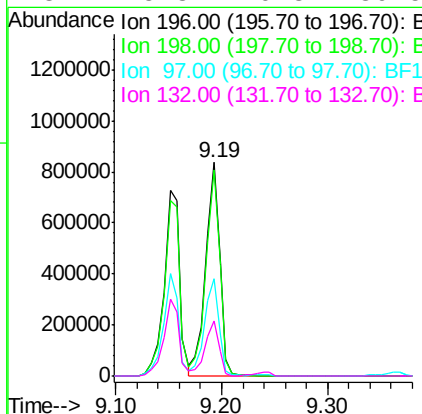
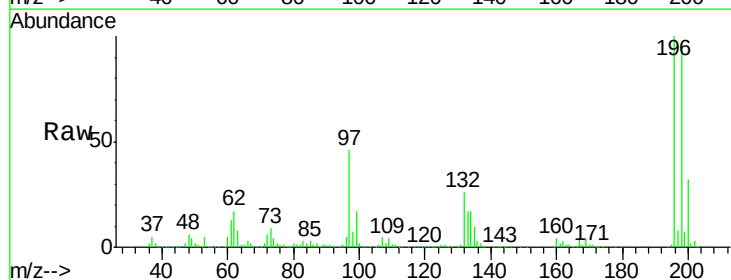
Instrument :
 BNA_F
 ClientSampled :

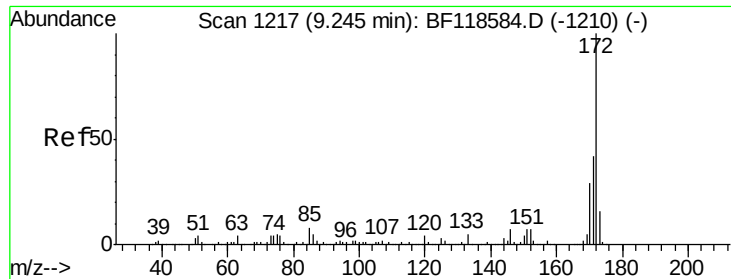
Tot Ion:196 Resp: 746707
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.3 114.5
 200 30.7 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.291 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion:196 Resp: 777022
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.3 117.5
 97 45.6 35.9 53.9
 132 25.8 20.3 30.5

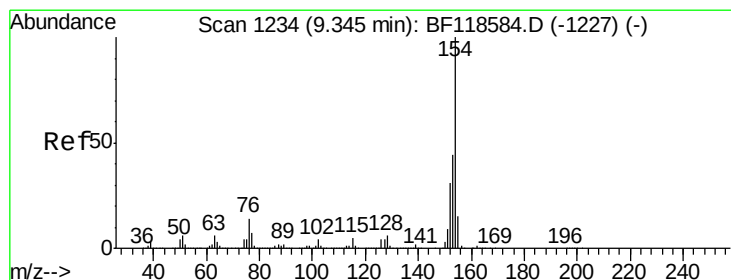
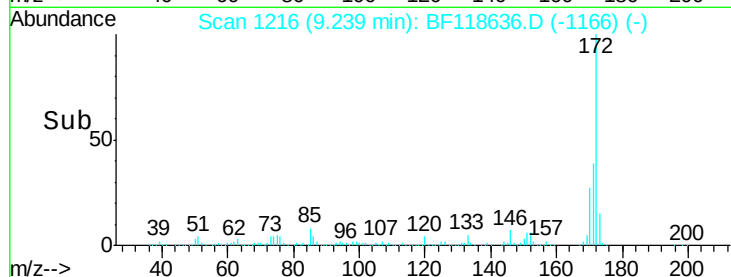
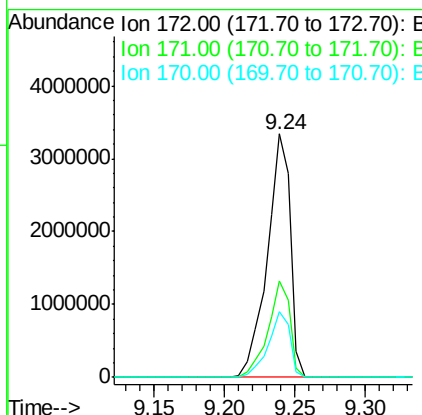
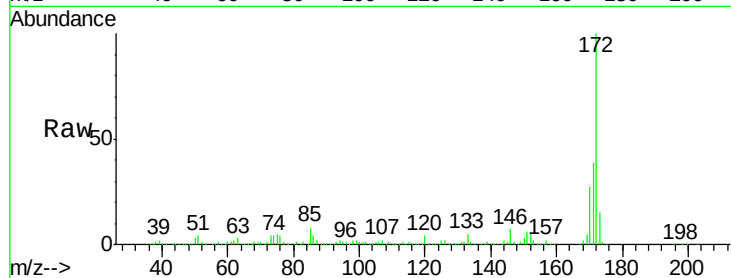




#45
2-Fluorobiphenyl
Concen: 74.240 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

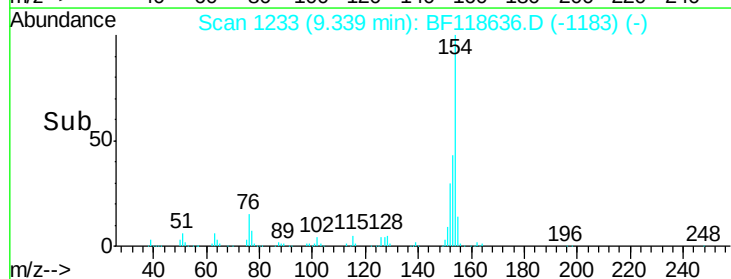
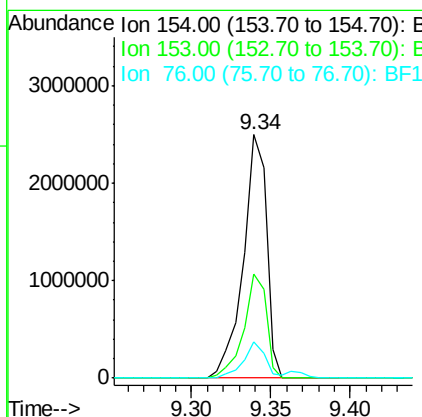
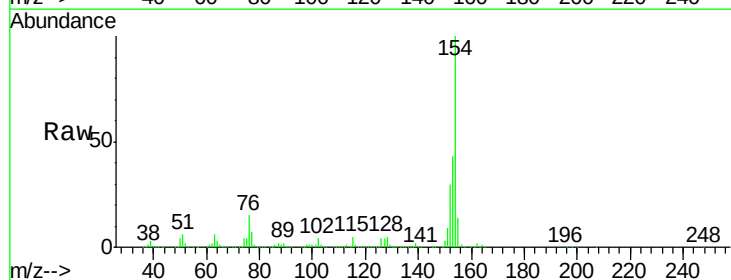
Instrument :
BNA_F
ClientSampleId :

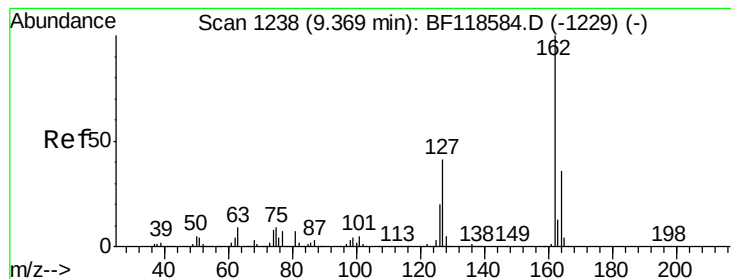
Tot Ion:172 Resp: 3823249
Ion Ratio Lower Upper
172 100
171 39.4 33.4 50.2
170 26.9 23.2 34.8



#46
1,1'-Biphenyl
Concen: 43.418 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:154 Resp: 2532805
Ion Ratio Lower Upper
154 100
153 42.6 23.8 63.8
76 14.9 0.0 34.3





#47

2-Chloronaphthalene

Concen: 41.473 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

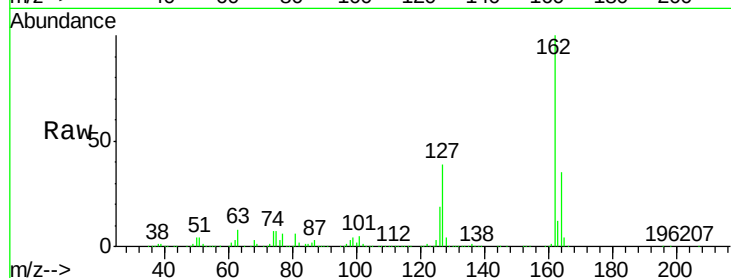
Tot Ion:162 Resp: 2039229

Ion Ratio Lower Upper

162 100

127 39.0 33.0 49.6

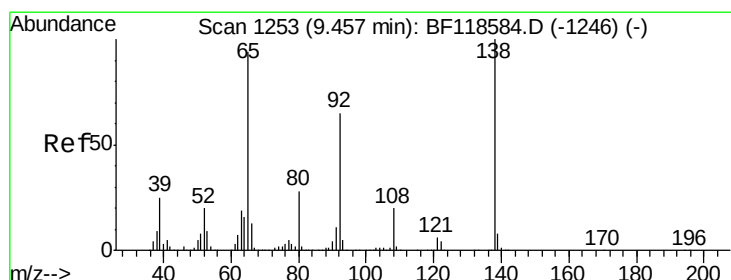
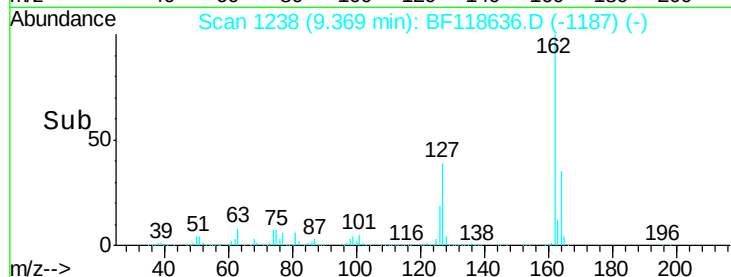
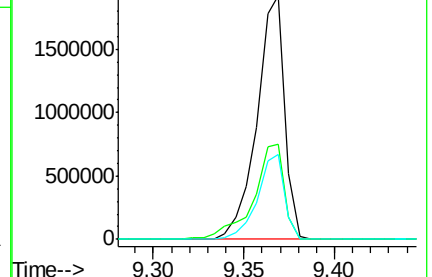
164 34.9 28.6 42.8



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: 38.707 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

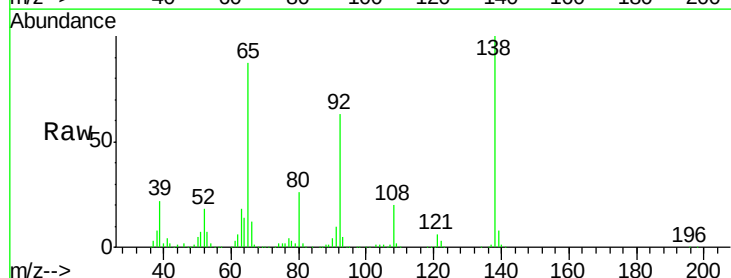
Tgt Ion: 65 Resp: 585047

Ion Ratio Lower Upper

65 100

92 72.3 55.4 83.0

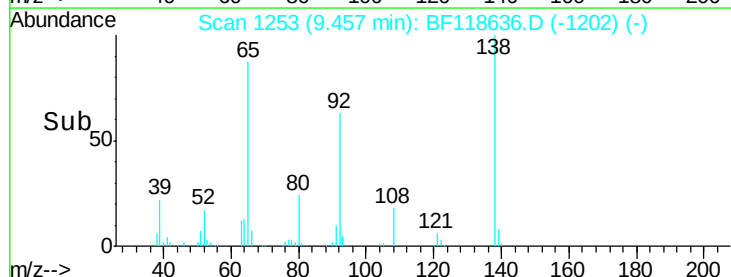
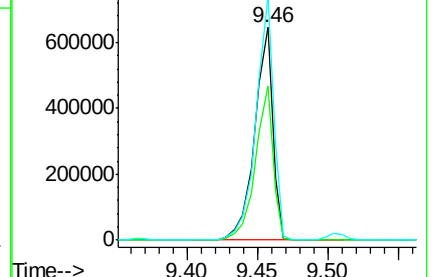
138 114.5 85.0 127.6

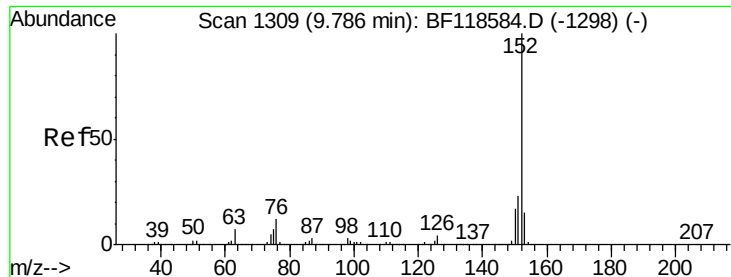


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.181 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

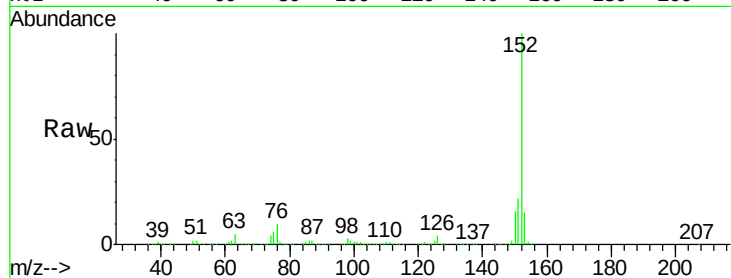
Tot Ion:152 Resp: 3125267

Ion Ratio Lower Upper

152 100

151 22.2 18.6 27.8

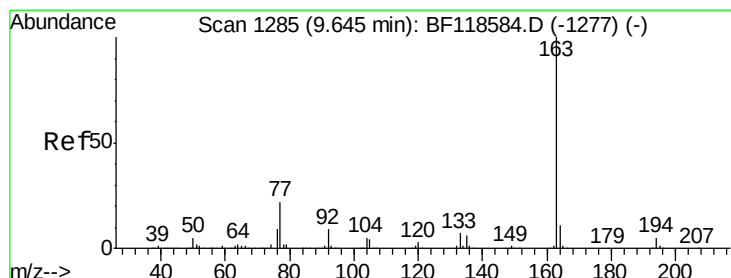
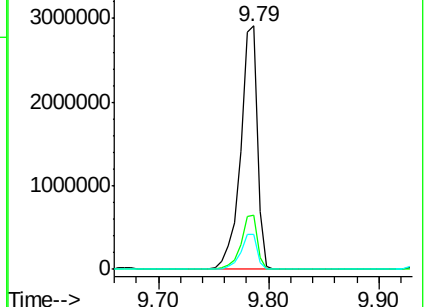
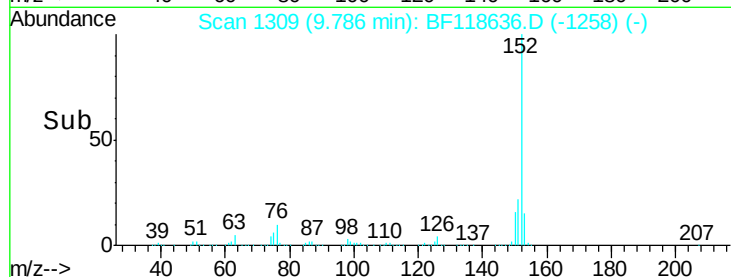
153 14.6 12.2 18.4



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: 42.885 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

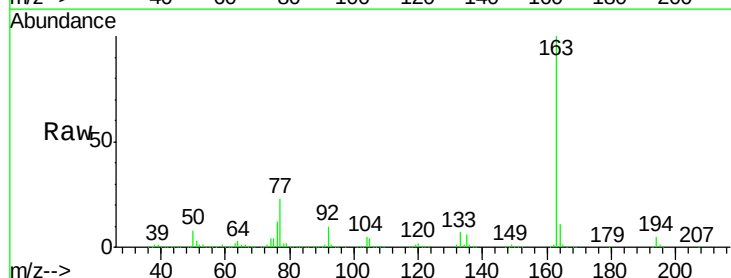
Tgt Ion:163 Resp: 2364954

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

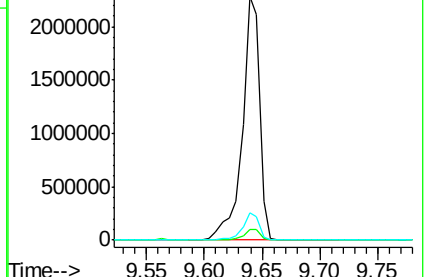
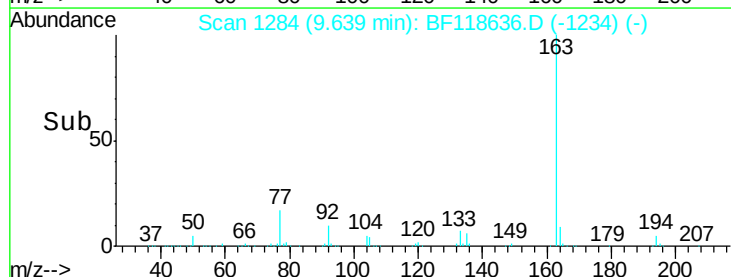
164 11.2 9.1 13.7

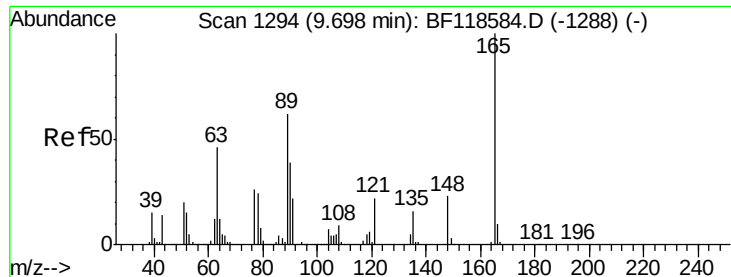


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

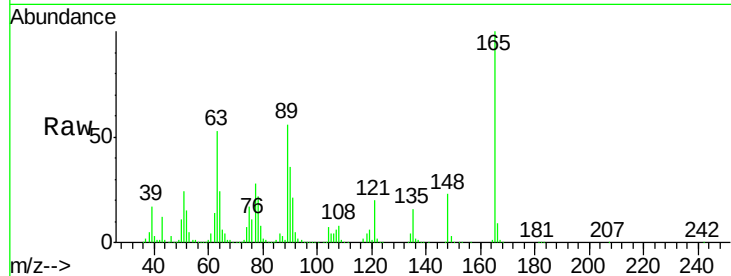




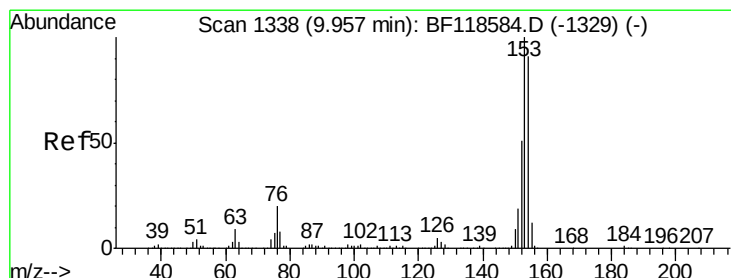
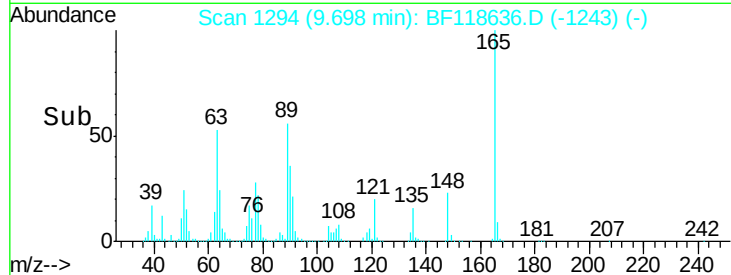
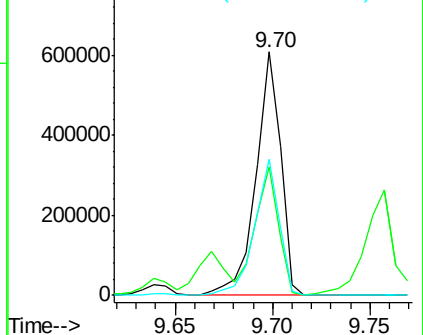
#51
 2,6-Dinitrotoluene
 Concen: 43.246 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 534039
 Ion Ratio Lower Upper
 165 100
 63 52.9 48.9 73.3
 89 56.0 49.8 74.6

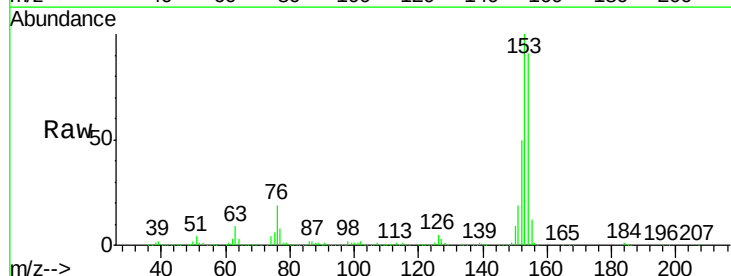


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

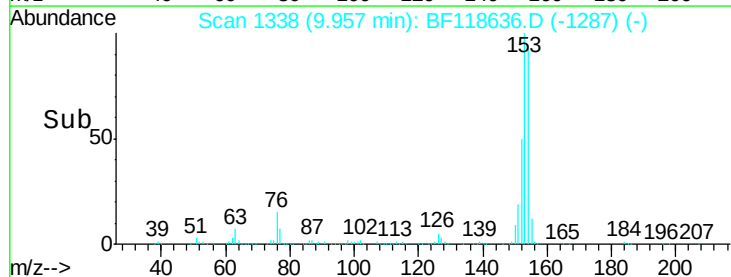
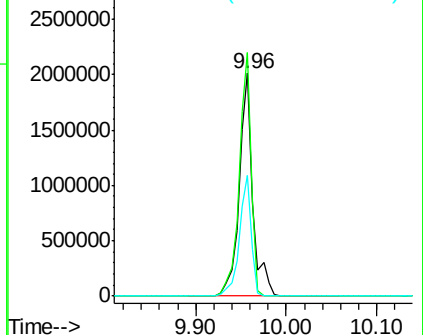


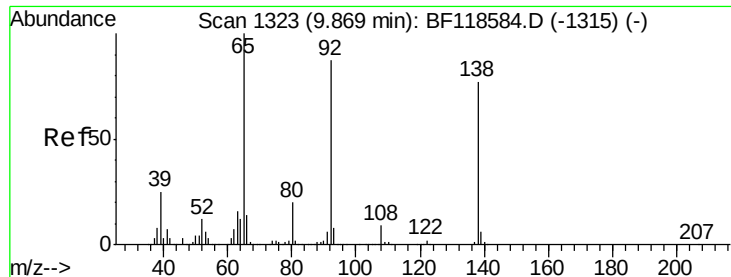
#52
 Acenaphthene
 Concen: 45.851 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion:154 Resp: 2120764
 Ion Ratio Lower Upper
 154 100
 153 109.3 87.6 131.4
 152 54.5 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

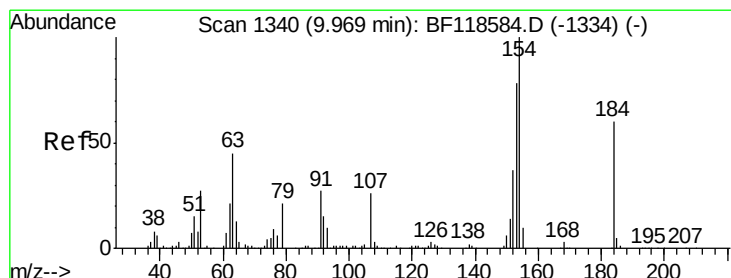
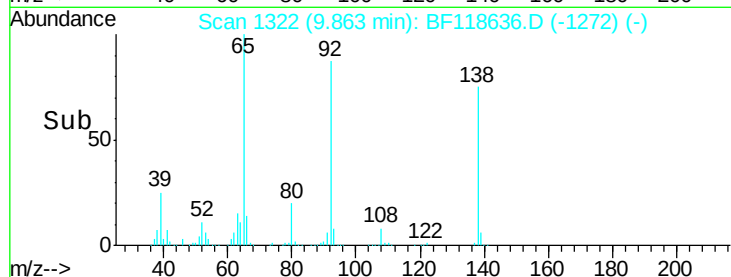
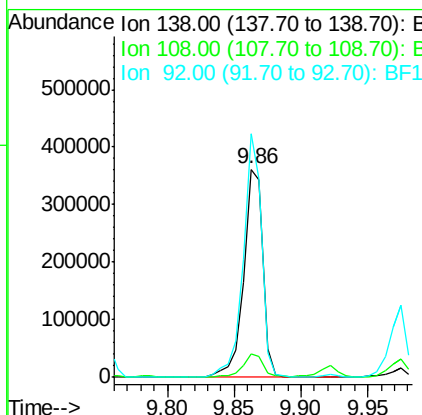
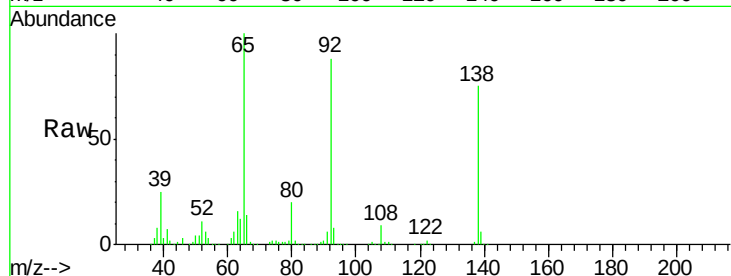




#53
3-Nitroaniline
Concen: 25.411 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

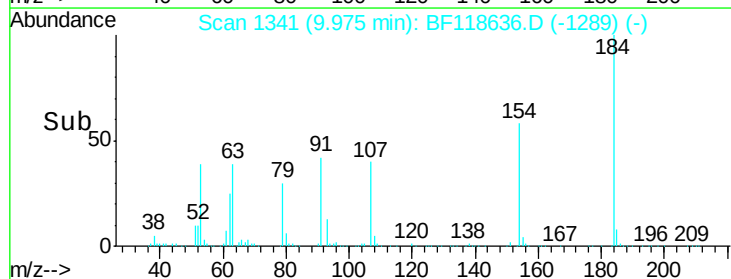
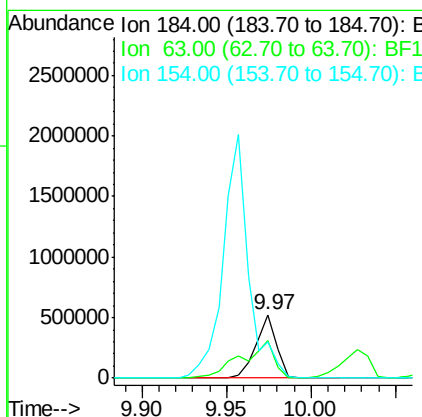
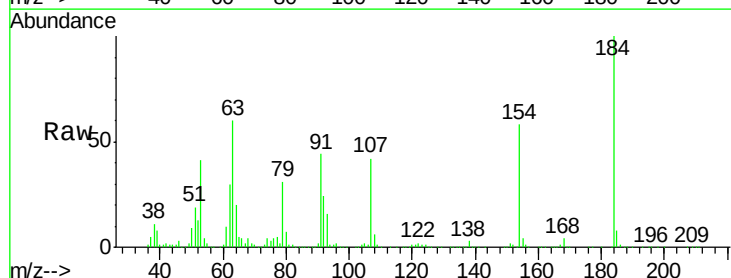
Instrument :
BNA_F
ClientSampleId :

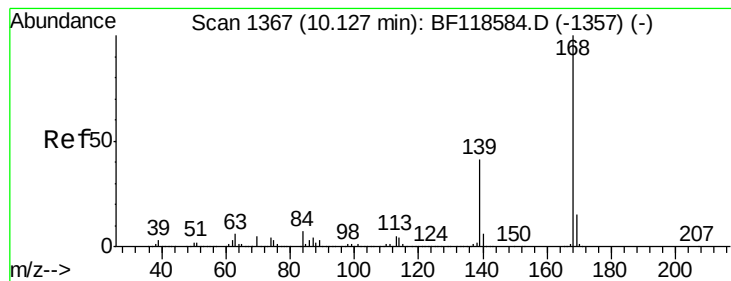
Tot Ion:138 Resp: 358305
Ion Ratio Lower Upper
138 100
108 11.5 9.6 14.4
92 117.1 90.6 136.0



#54
2,4-Dinitrophenol
Concen: 91.597 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:184 Resp: 451567
Ion Ratio Lower Upper
184 100
63 59.9 60.6 90.8#
154 58.3 137.3 205.9#





#55

Dibenzenofuran

Concen: 44.700 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

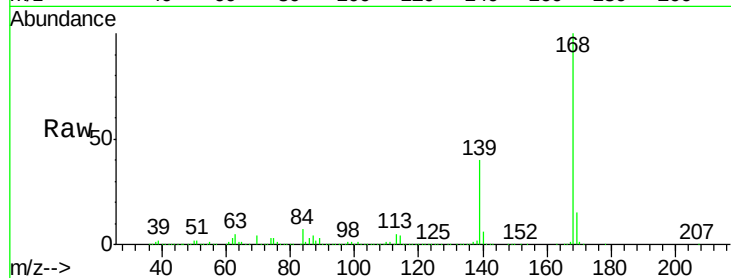
Tot Ion:168 Resp: 2865238

Ion Ratio Lower Upper

168 100

139 39.5 32.7 49.1

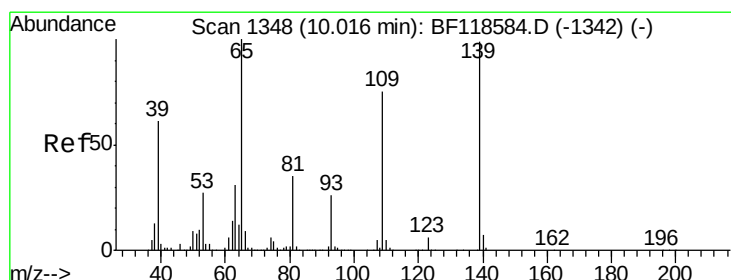
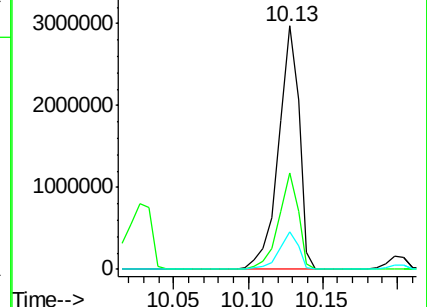
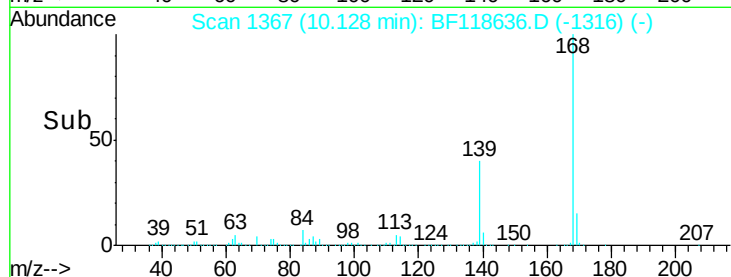
169 15.2 12.2 18.2



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: 89.383 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

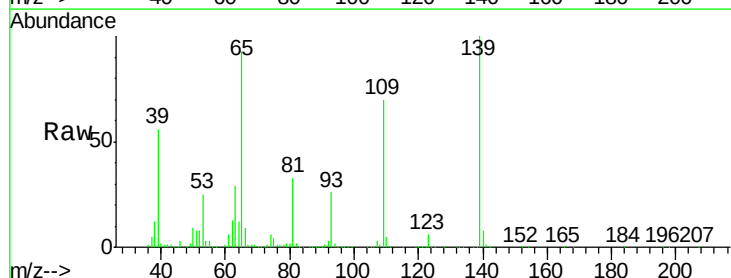
Tgt Ion:139 Resp: 951450

Ion Ratio Lower Upper

139 100

109 70.2 56.0 96.0

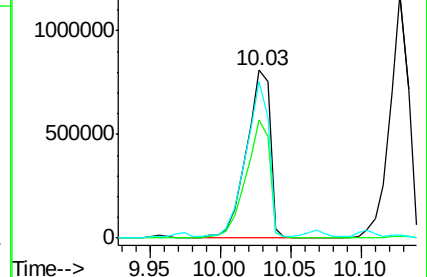
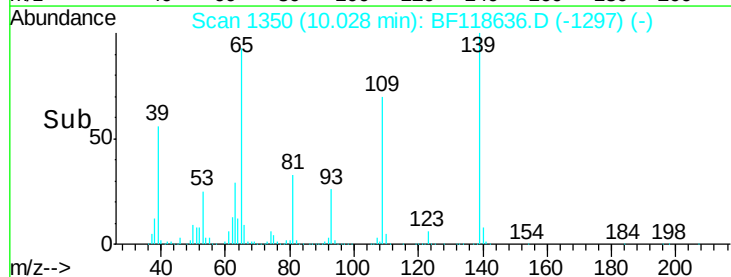
65 93.2 81.4 121.4

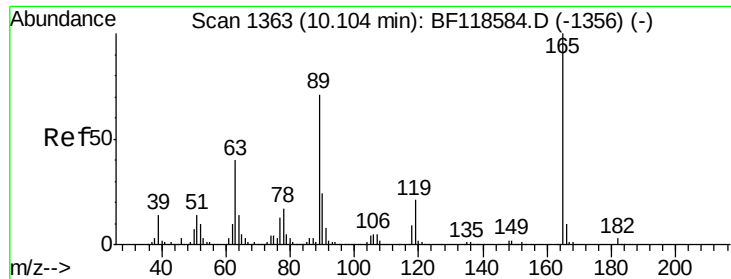


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

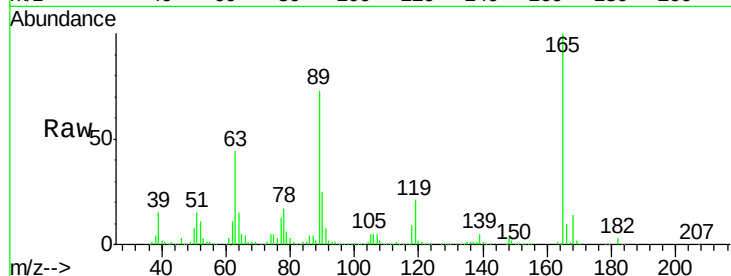




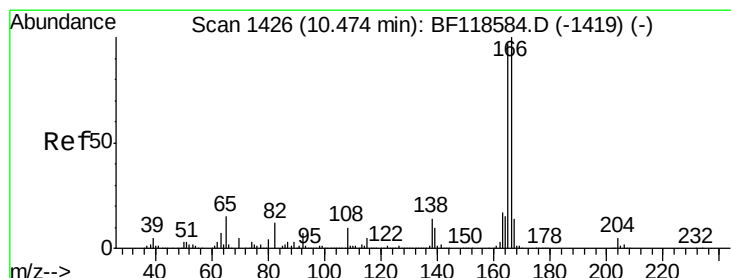
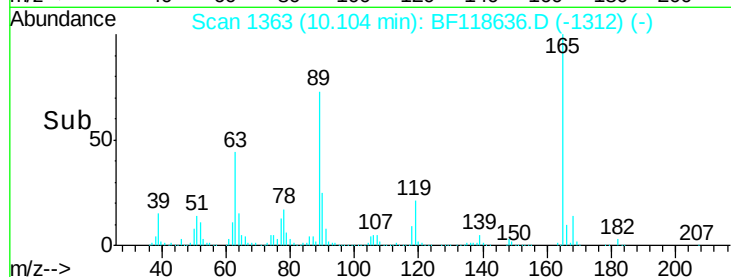
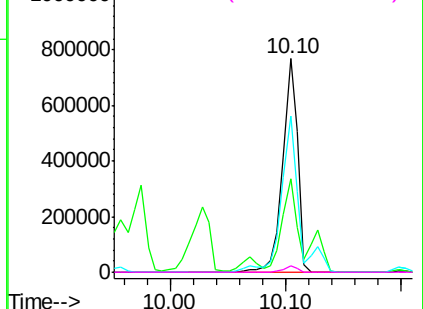
#57
2,4-Dinitrotoluene
Concen: 44.157 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 687414
Ion Ratio Lower Upper
165 100
63 43.6 32.4 48.6
89 73.2 56.4 84.6
182 2.9 2.3 3.5

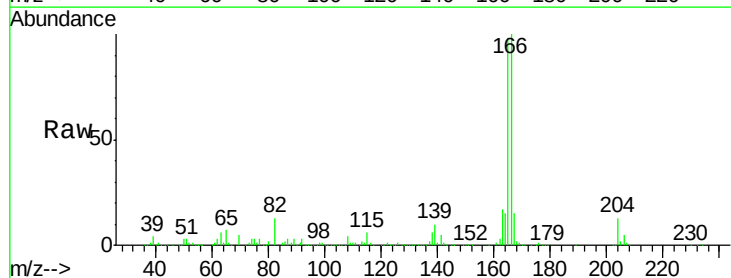


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

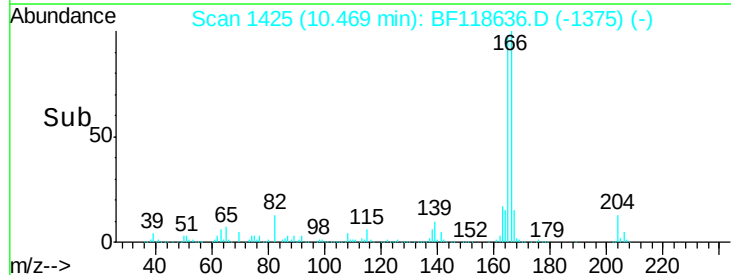
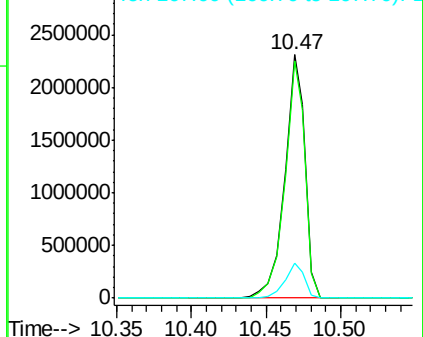


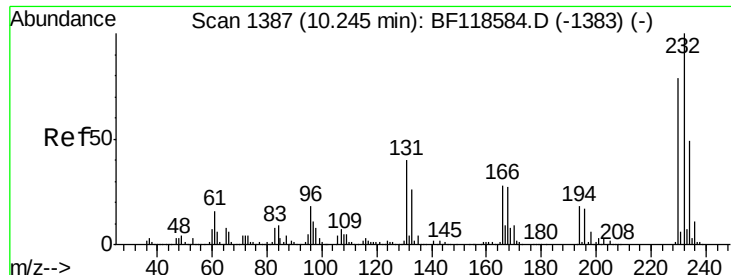
#58
Fluorene
Concen: 43.750 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:166 Resp: 2201534
Ion Ratio Lower Upper
166 100
165 97.5 77.3 115.9
167 14.5 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

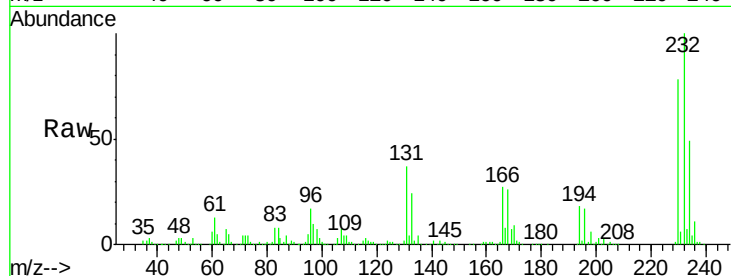




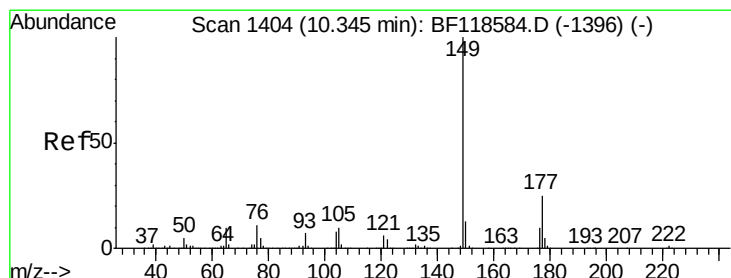
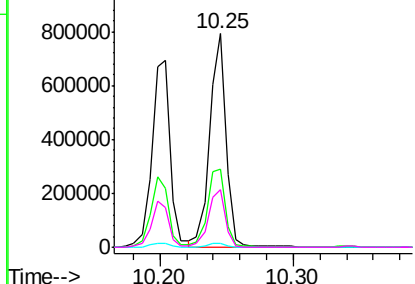
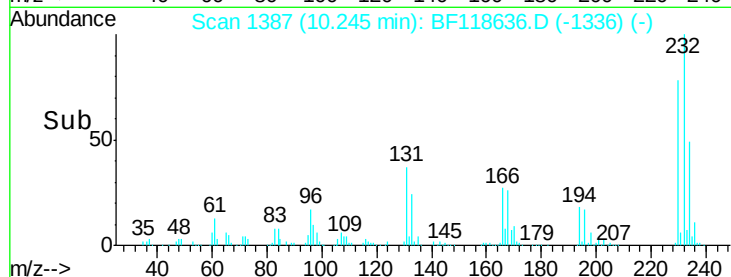
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.031 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 679329
 Ion Ratio Lower Upper
 232 100
 131 40.5 33.2 49.8
 130 2.1 1.8 2.6
 166 28.2 22.6 33.8

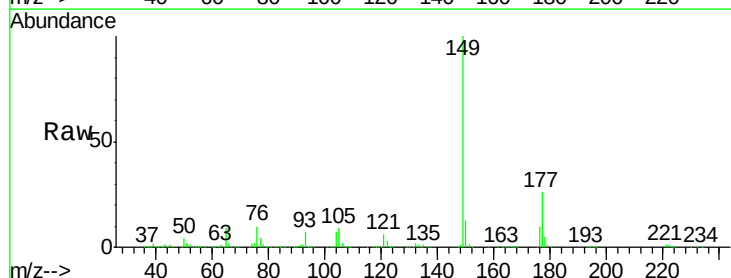


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

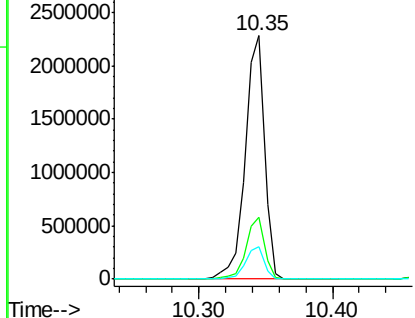
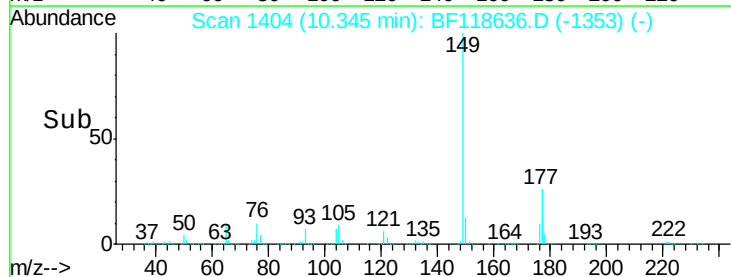


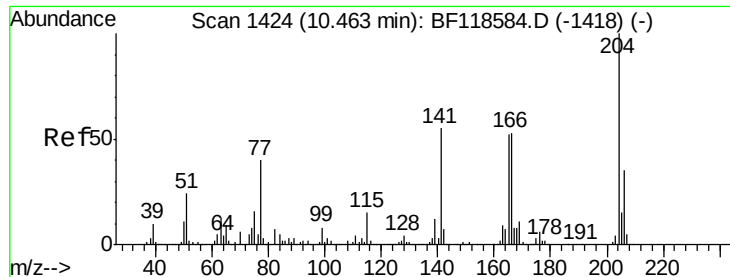
#60
 Diethylphthalate
 Concen: 42.401 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion:149 Resp: 2267105
 Ion Ratio Lower Upper
 149 100
 177 25.7 20.0 30.0
 150 13.4 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

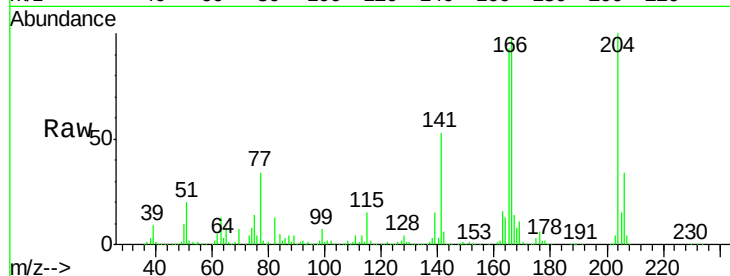




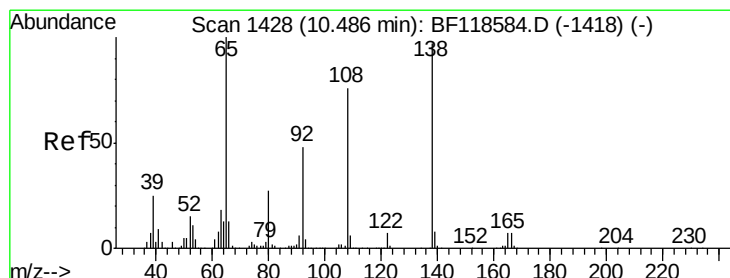
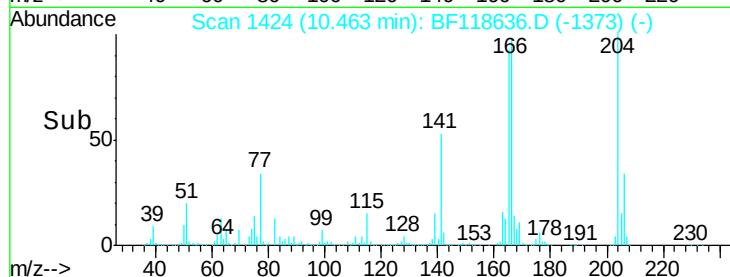
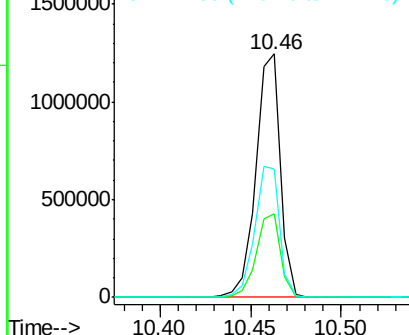
#61
 4-Chlorophenyl-phenylether
 Concen: 42.749 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 1169971
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.8 41.6
 141 52.6 43.7 65.5

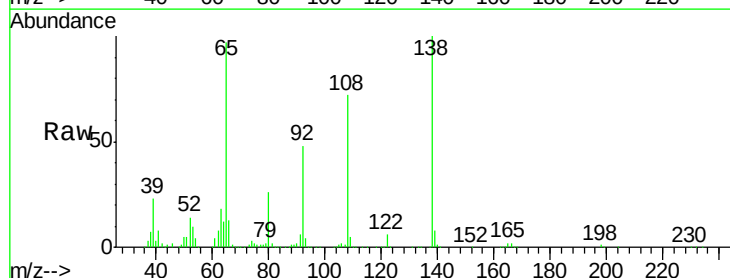


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

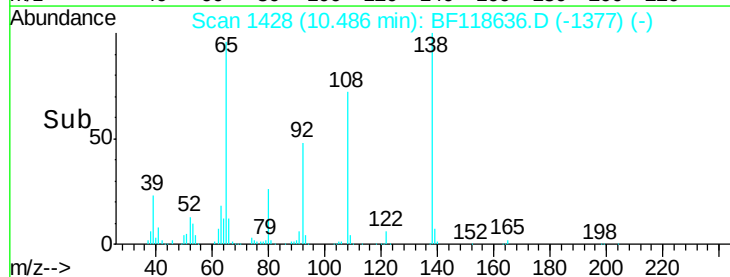
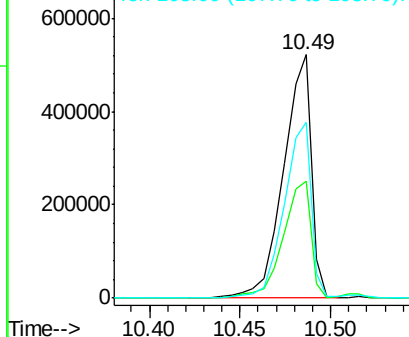


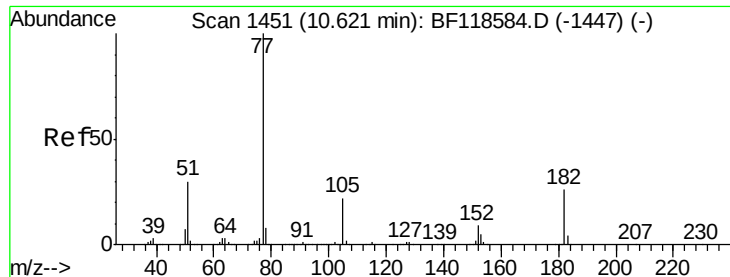
#62
 4-Nitroaniline
 Concen: 38.752 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion:138 Resp: 560503
 Ion Ratio Lower Upper
 138 100
 92 47.8 29.4 69.4
 108 72.2 58.2 98.2



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





#63

Azobenzene

Concen: 42.994 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

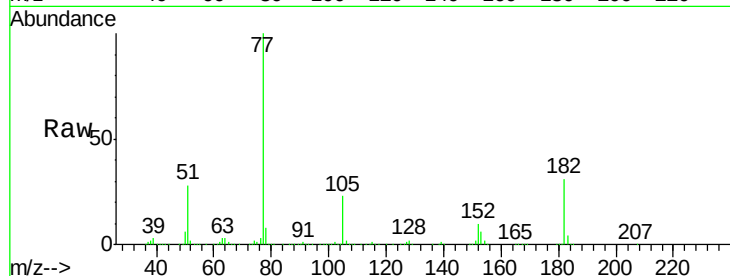
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2226296

Ion	Ratio	Lower	Upper
77	100		
182	30.9	5.6	45.6
105	23.4	2.0	42.0
51	28.4	10.2	50.2

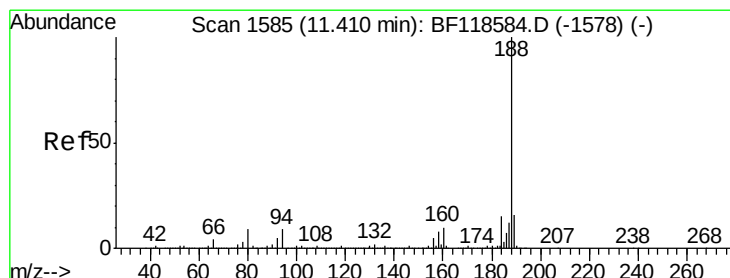
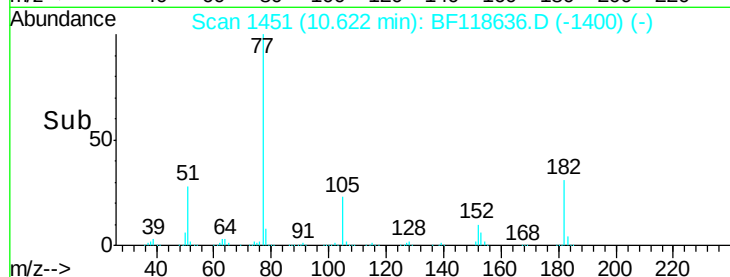
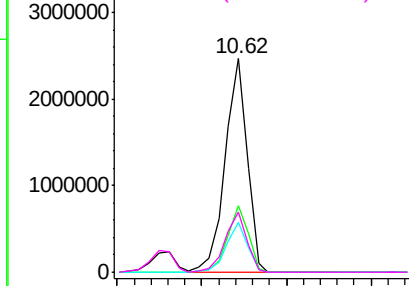


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

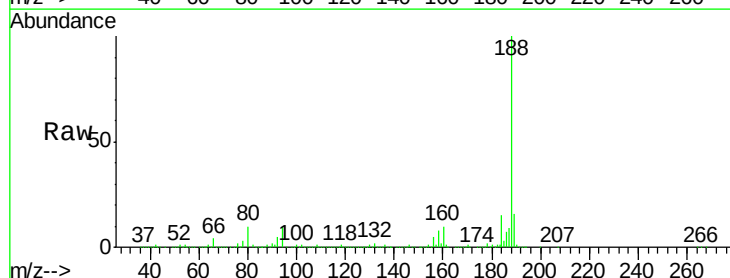
Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion: 188 Resp: 1570216

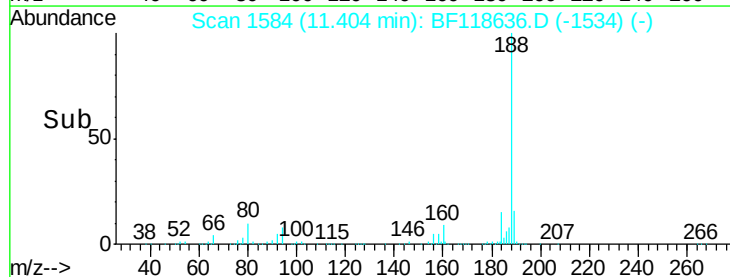
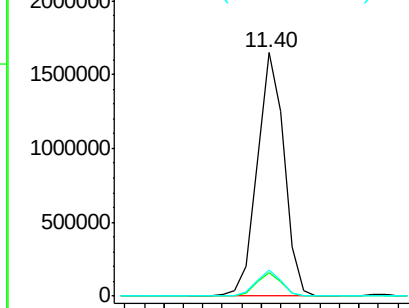
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.5	7.5	11.3

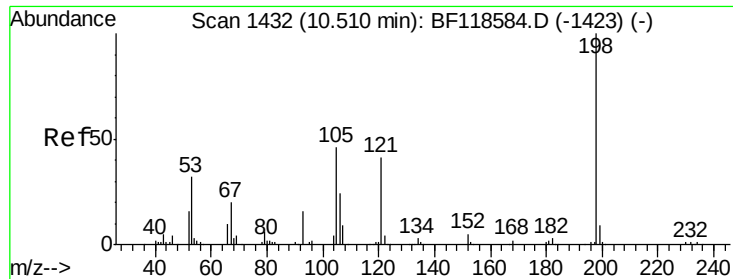


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

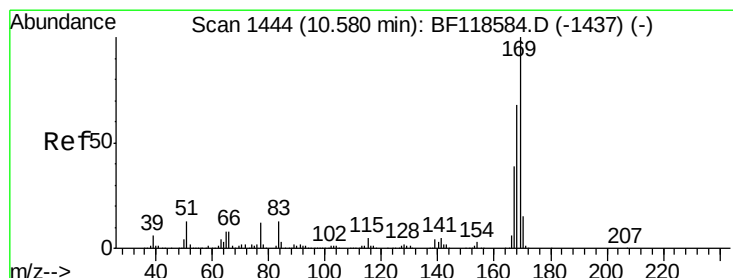
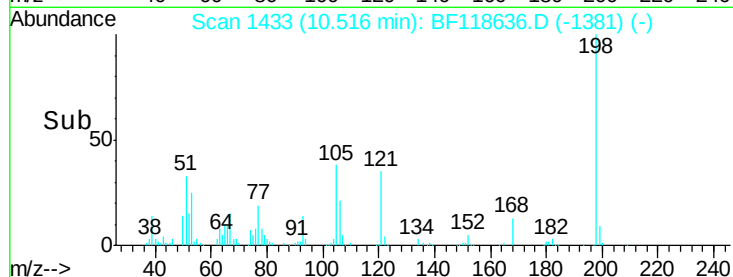
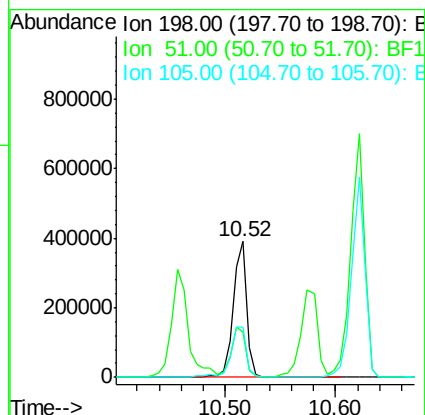
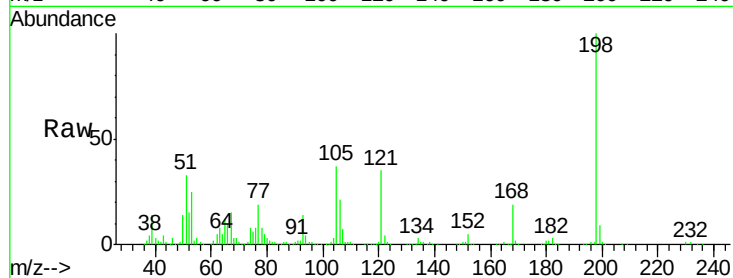




#65
4,6-Dinitro-2-methylphenol
Concen: 48.516 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

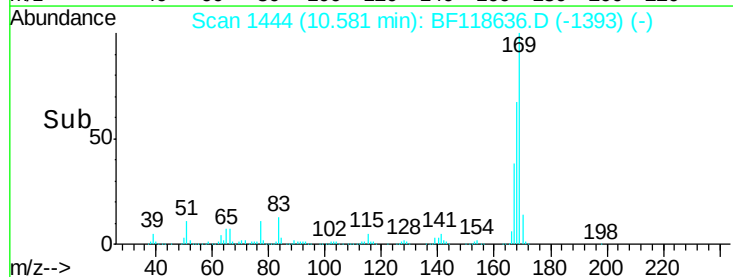
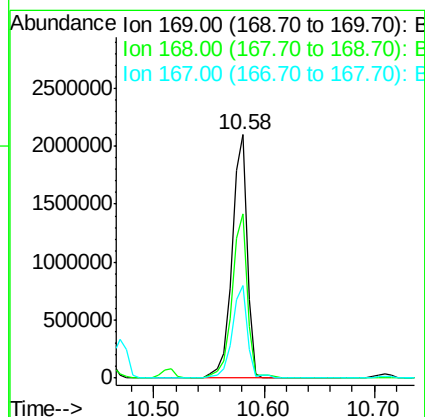
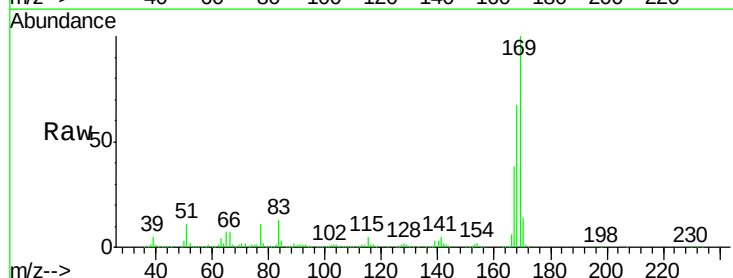
Instrument :
BNA_F
ClientSampleId :

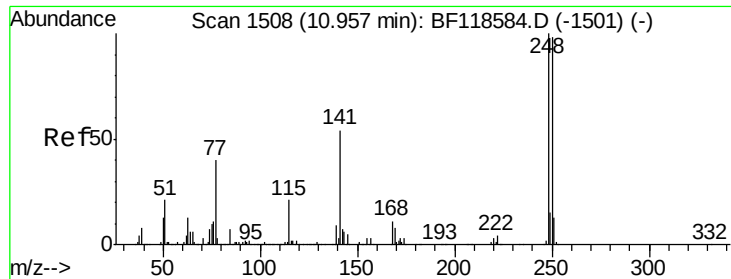
Tot Ion:198 Resp: 334985
Ion Ratio Lower Upper
198 100
51 32.8 25.2 65.2
105 37.1 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 42.770 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:169 Resp: 2025341
Ion Ratio Lower Upper
169 100
168 67.4 54.6 82.0
167 38.1 30.9 46.3

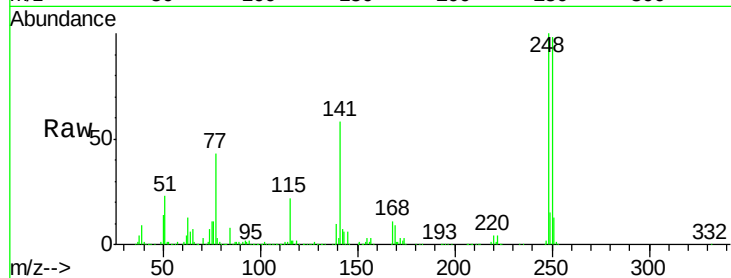




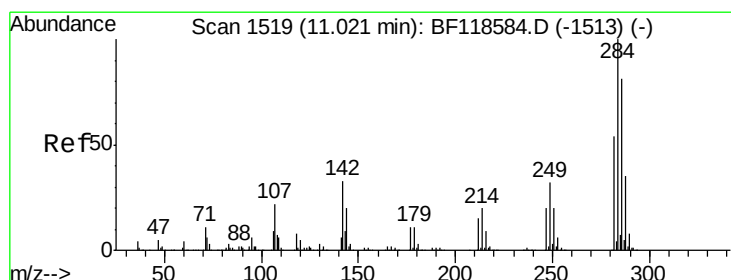
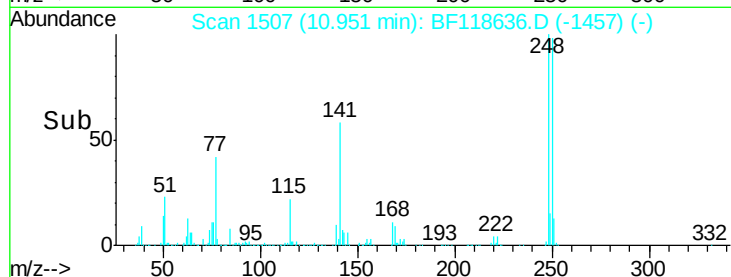
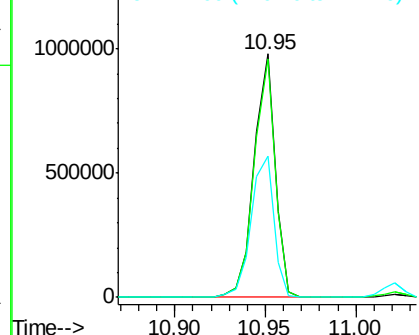
#67
4-Bromophenyl-phenylether
Concen: 40.991 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.7	118.1
141	58.0	43.2	64.8

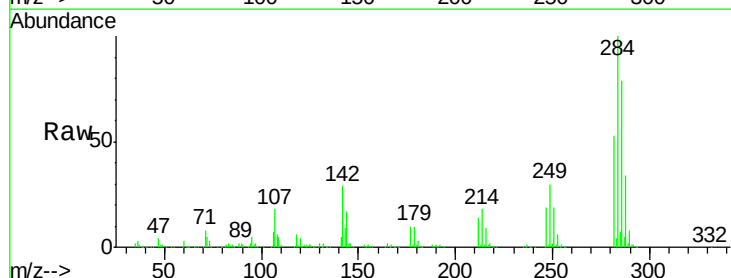


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

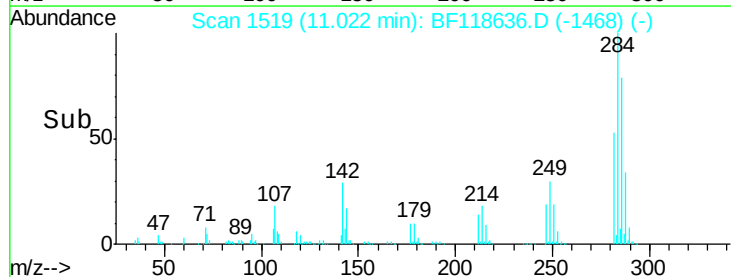
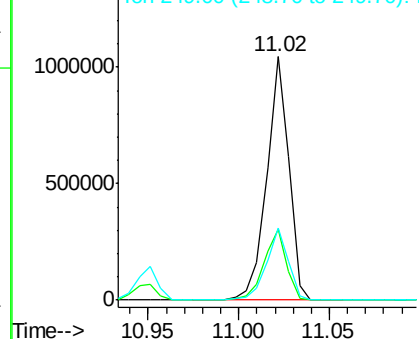


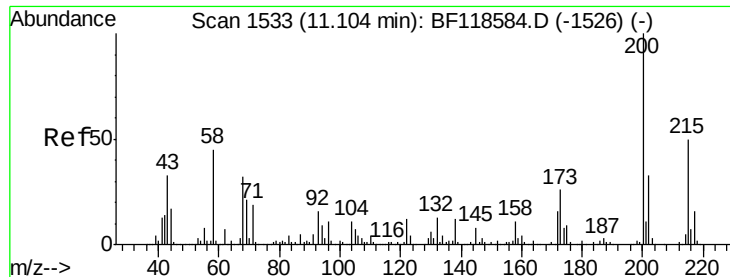
#68
Hexachlorobenzene
Concen: 40.328 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	26.6	39.8
249	29.9	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

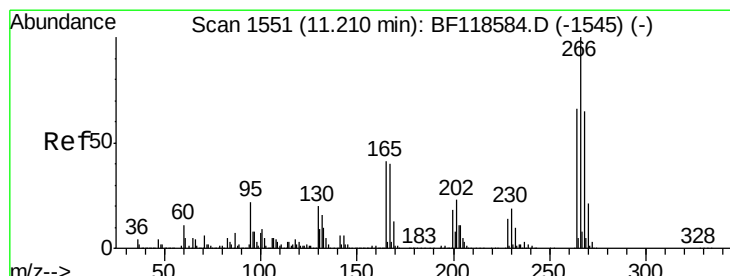
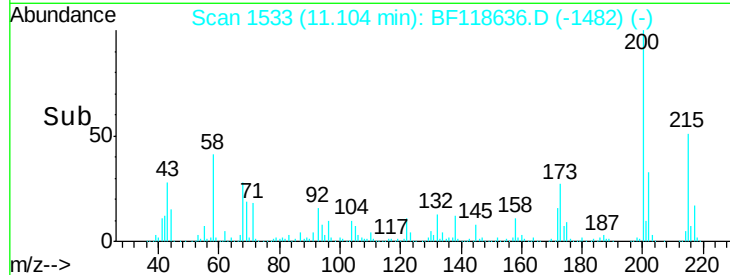
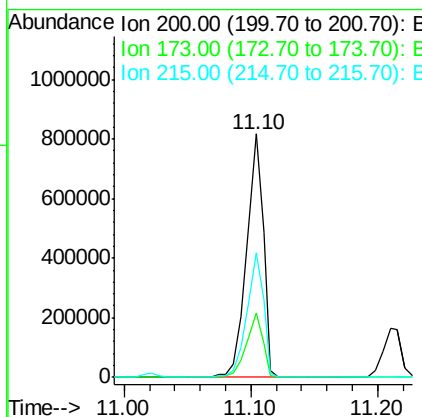
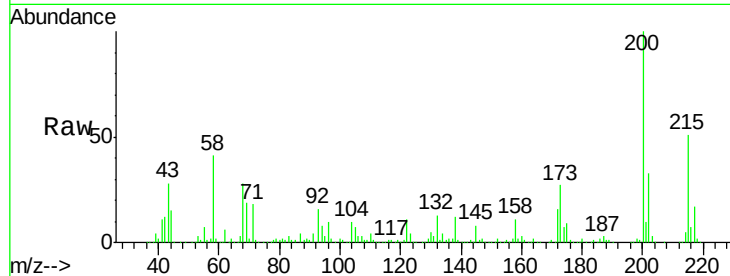




#69
 Atrazine
 Concen: 45.419 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

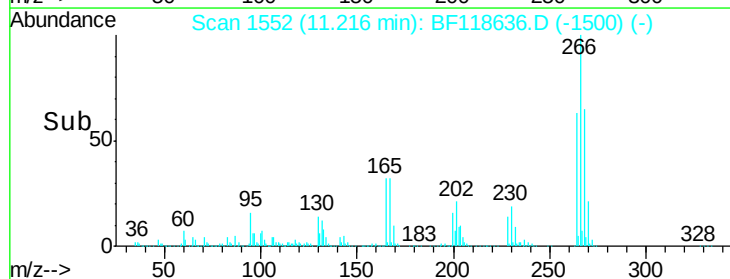
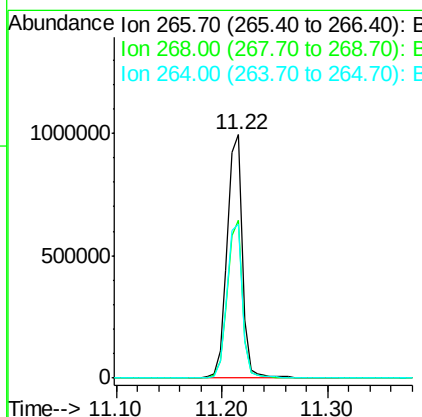
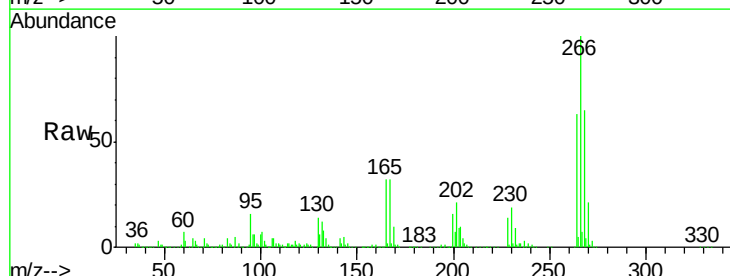
Instrument :
 BNA_F
 ClientSampleId :

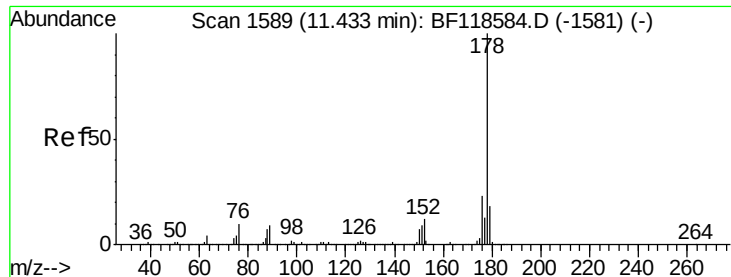
Tot Ion:200 Resp: 745470
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.3 46.3
 215 51.1 30.2 70.2



#70
 Pentachlorophenol
 Concen: 81.884 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion:266 Resp: 1001304
 Ion Ratio Lower Upper
 266 100
 268 64.7 52.1 78.1
 264 63.3 52.4 78.6

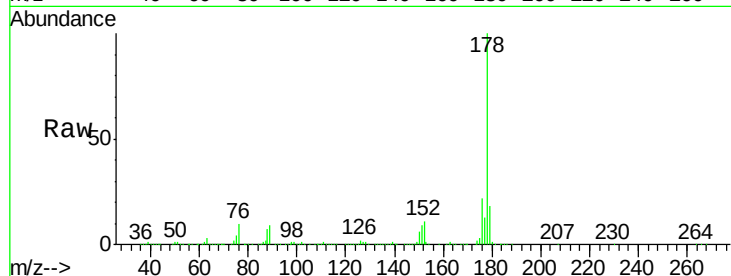




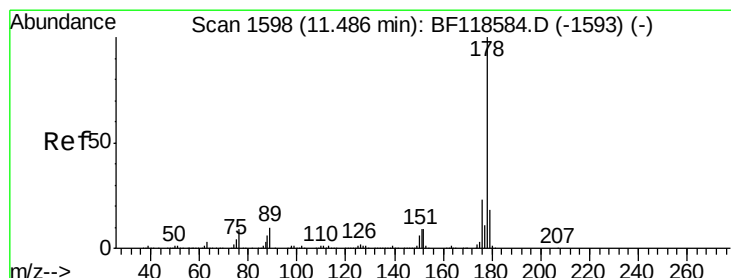
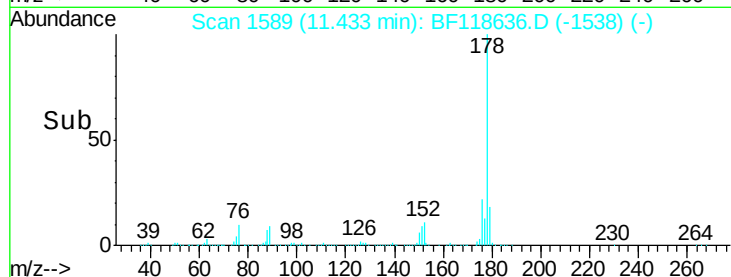
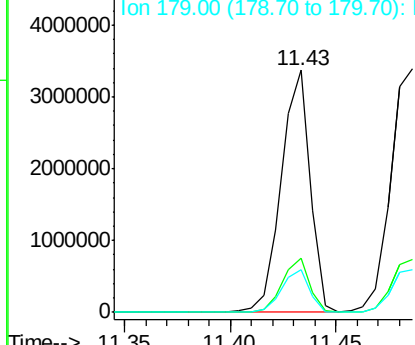
#71
Phenanthrene
Concen: 42.442 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 3215165
Ion Ratio Lower Upper
178 100
176 22.5 18.6 27.8
179 17.9 14.7 22.1

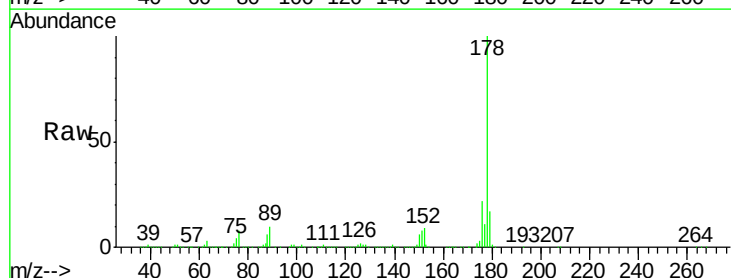


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

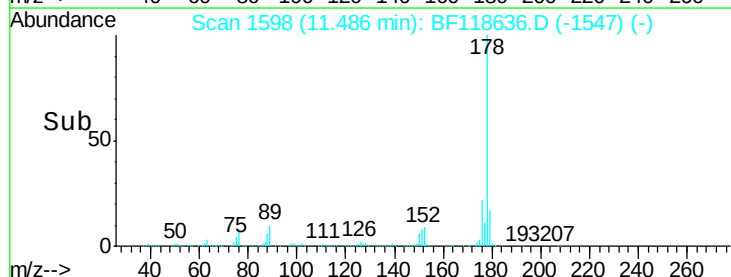
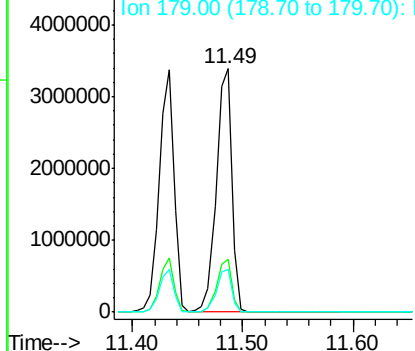


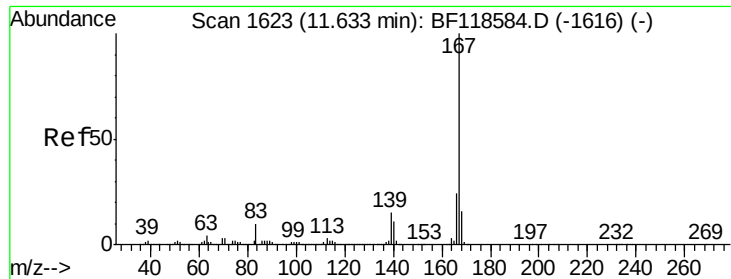
#72
Anthracene
Concen: 44.039 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:178 Resp: 3301084
Ion Ratio Lower Upper
178 100
176 21.7 18.0 27.0
179 17.5 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



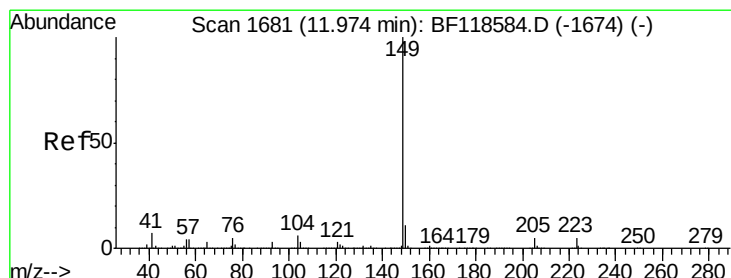
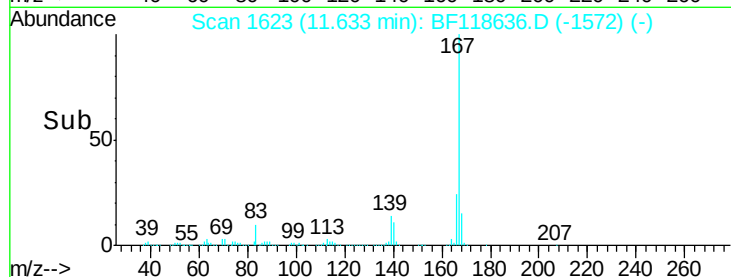
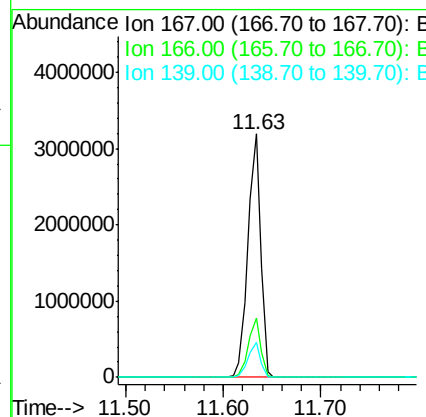
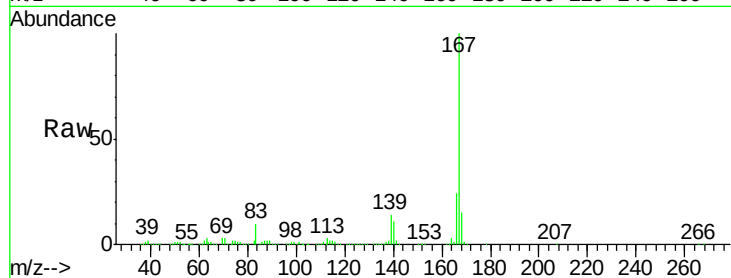


#73
 Carbazole
 Concen: 42.710 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2936465

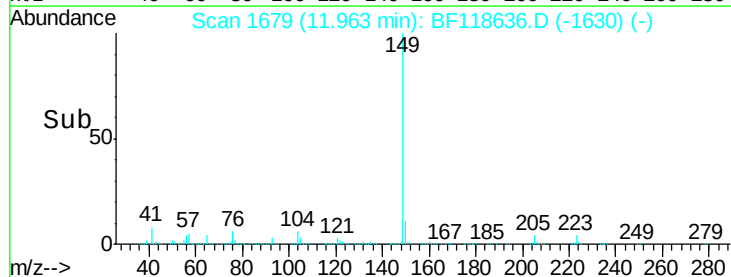
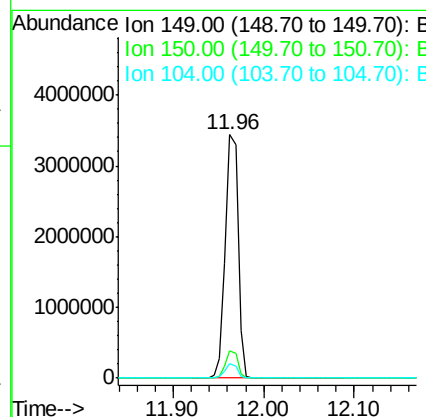
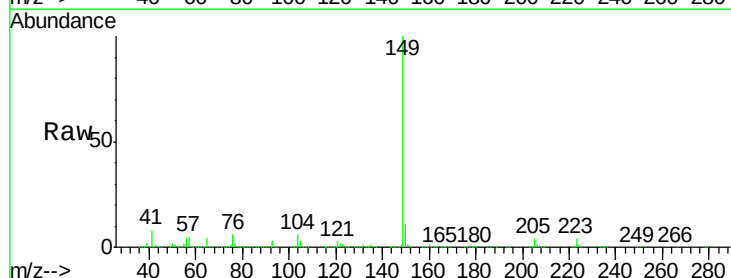
Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.4	29.2
139	14.2	11.7	17.5

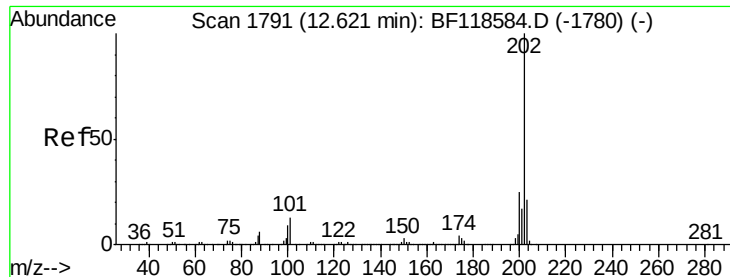


#74
 Di-n-butylphthalate
 Concen: 43.534 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion:149 Resp: 3325436

Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.7	13.1
104	5.9	4.6	6.8





#75

Fluoranthene

Concen: 42.991 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampled :

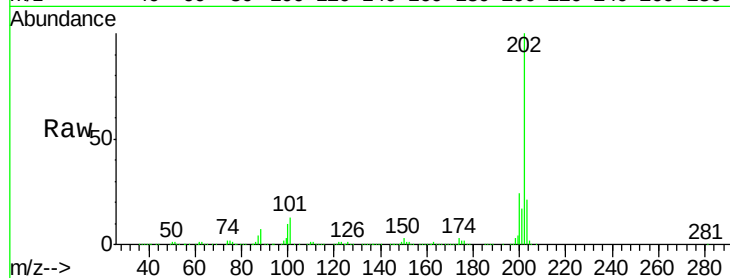
Tot Ion:202 Resp: 3434889

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.5

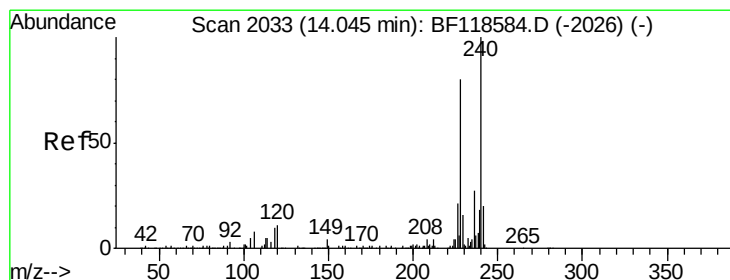
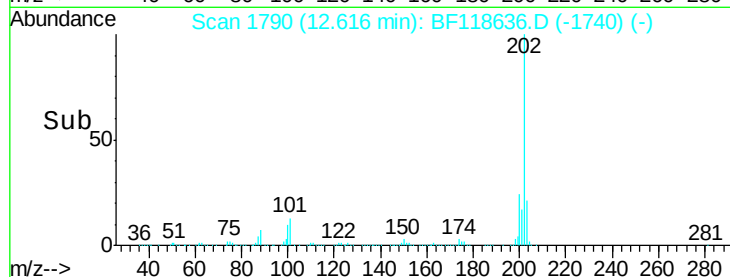
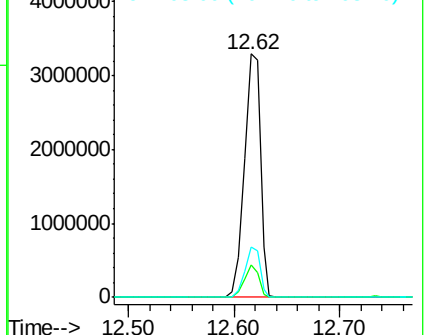
203 20.6 0.8 40.8



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: BF118636.D

Acq: 21 Jan 2020 15:46

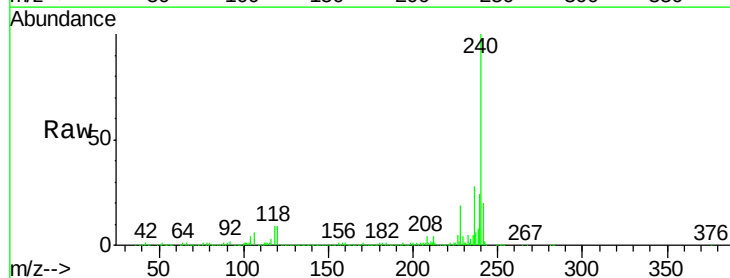
Tgt Ion:240 Resp: 1186208

Ion Ratio Lower Upper

240 100

120 9.3 8.9 13.3

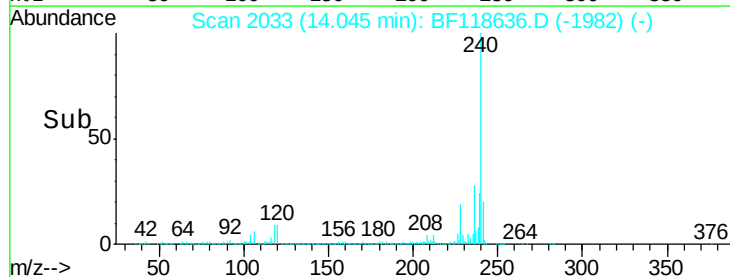
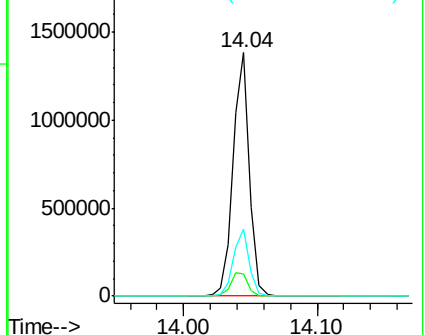
236 27.6 21.5 32.3

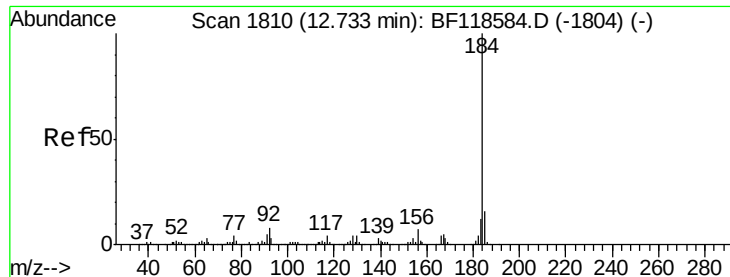


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.524 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

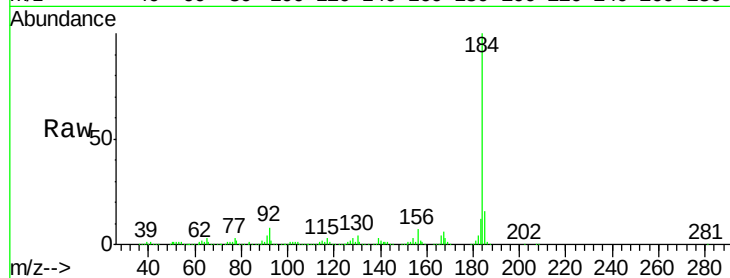
Tot Ion:184 Resp: 2013368

Ion Ratio Lower Upper

184 100

185 15.9 12.9 19.3

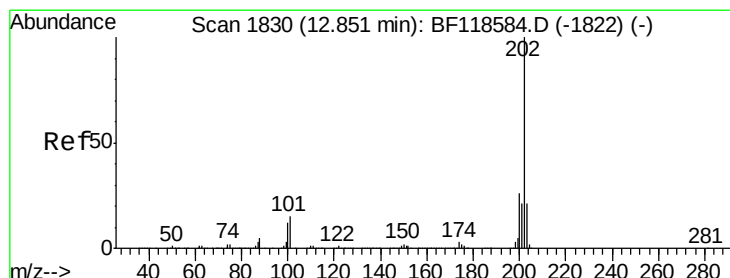
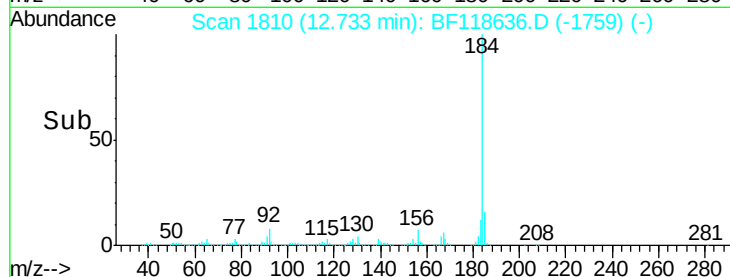
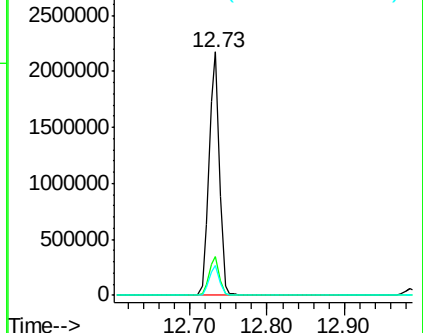
183 12.5 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.174 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

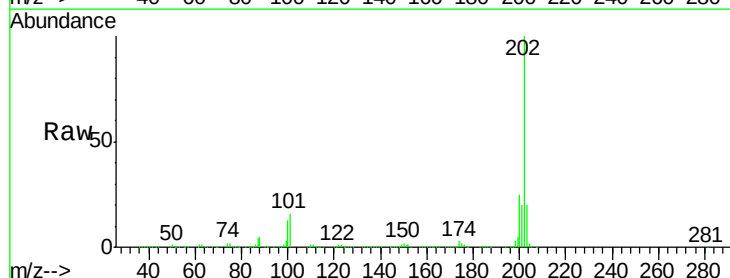
Tgt Ion:202 Resp: 3476894

Ion Ratio Lower Upper

202 100

200 24.7 20.6 31.0

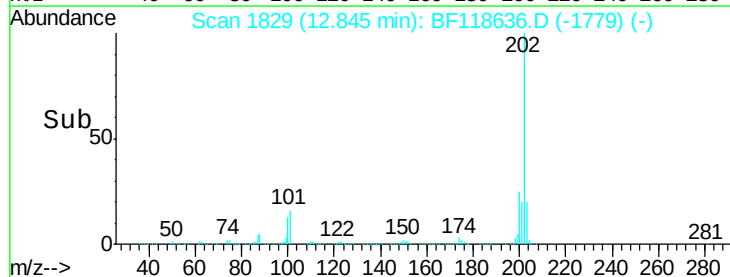
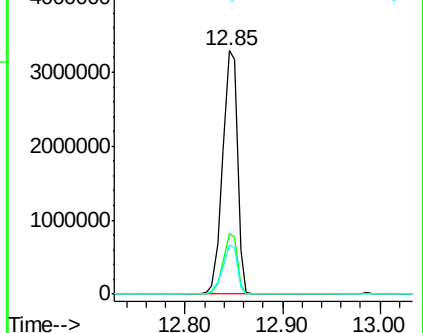
203 20.1 16.8 25.2

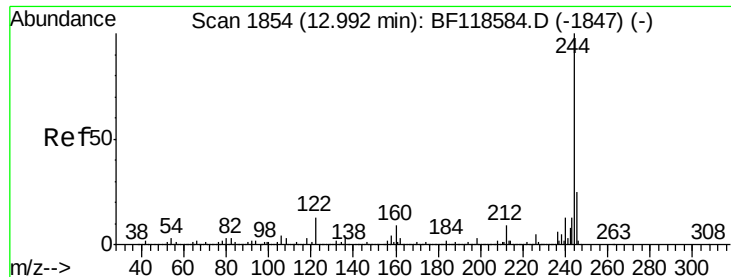


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.822 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

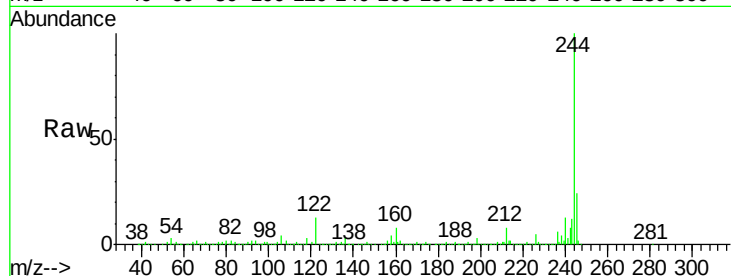
Tot Ion:244 Resp: 4286788

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

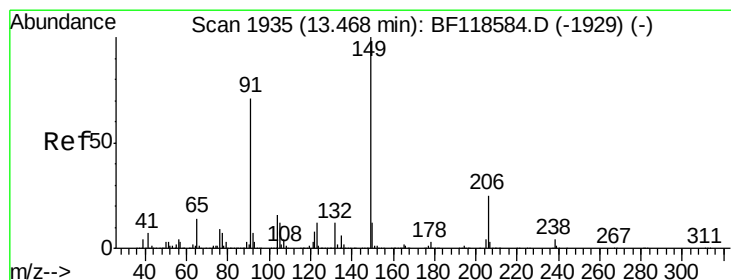
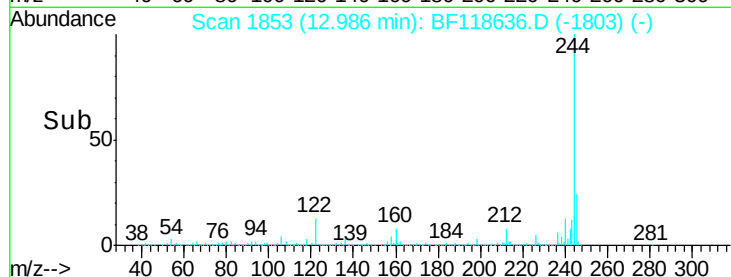
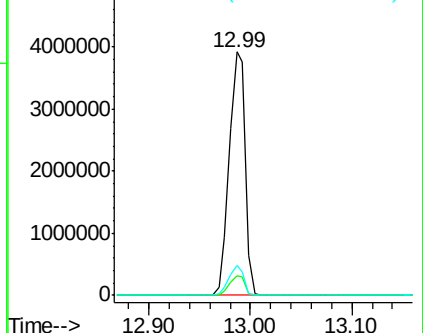
122 12.5 10.7 16.1



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: 43.508 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

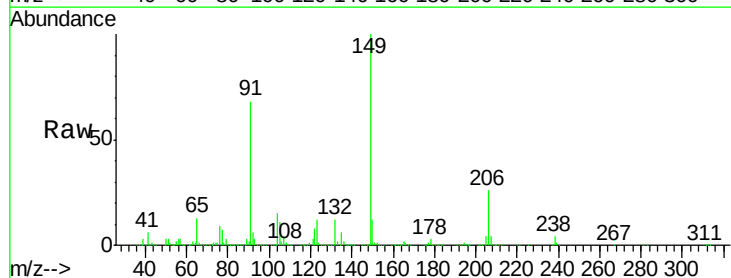
Tgt Ion:149 Resp: 1433972

Ion Ratio Lower Upper

149 100

91 68.1 56.5 84.7

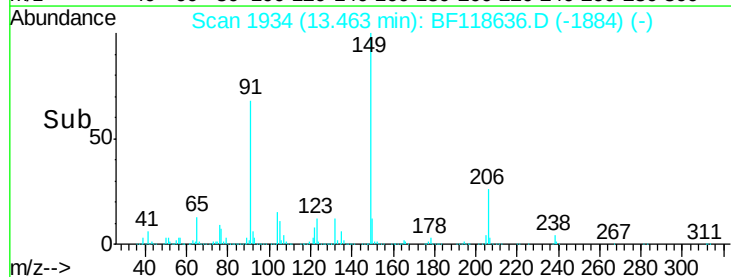
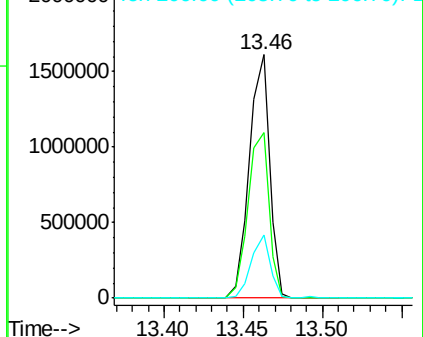
206 25.7 19.9 29.9

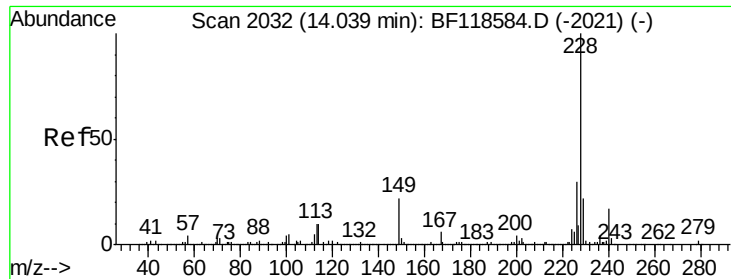


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.471 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

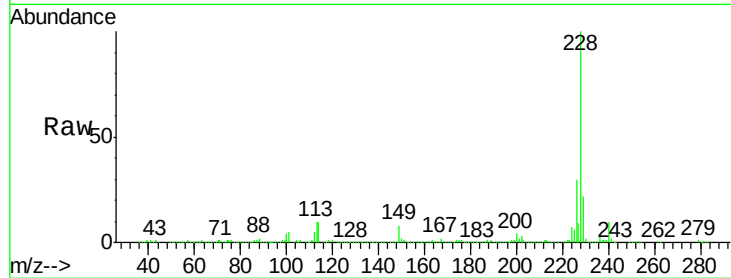
Tot Ion:228 Resp: 3101953

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	21.9	17.6	26.4

228 100

226 30.4 24.1 36.1

229 21.9 17.6 26.4

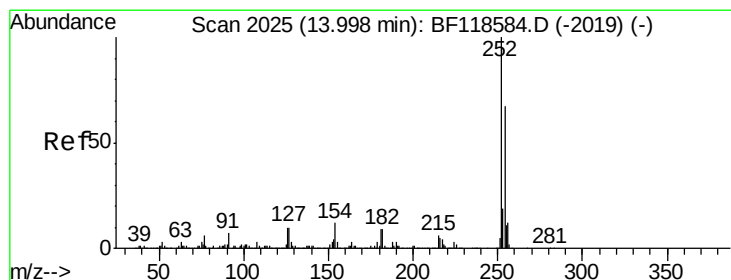
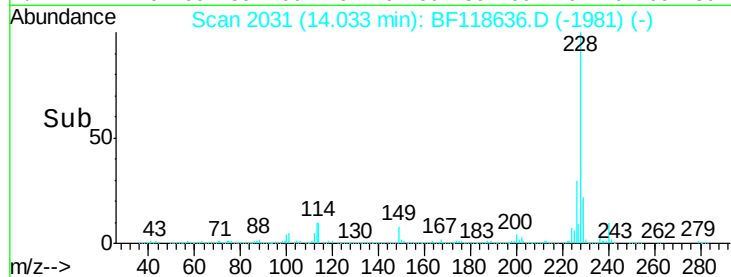
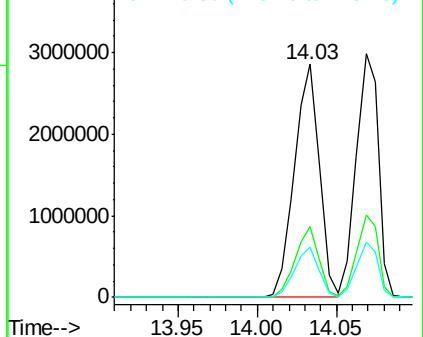


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 26.162 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

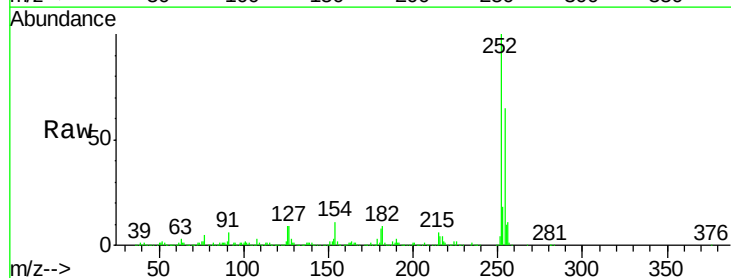
Tgt Ion:252 Resp: 665223

Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.4	80.2
126	9.0	8.0	12.0

252 100

254 65.1 53.4 80.2

126 9.0 8.0 12.0

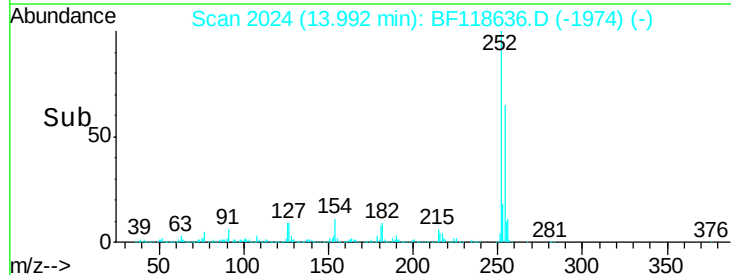
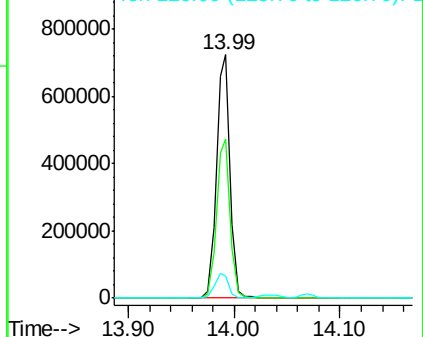


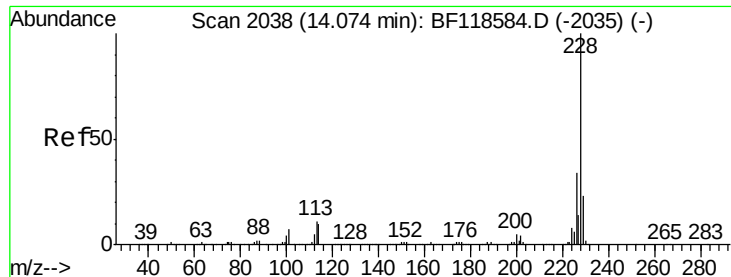
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.784 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

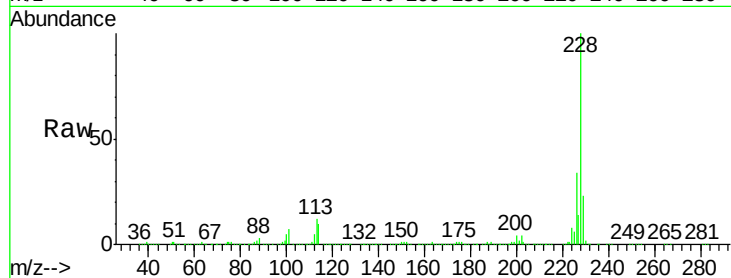
Tot Ion:228 Resp: 2925942

Ion Ratio Lower Upper

228 100

226 34.0 27.4 41.0

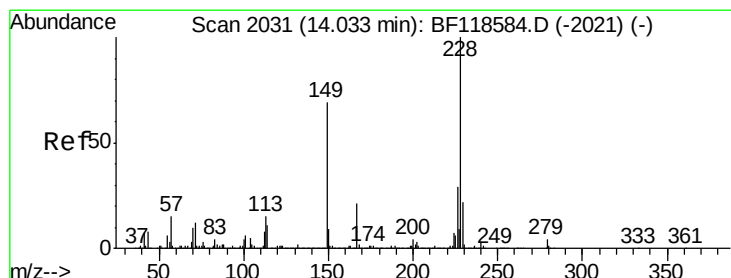
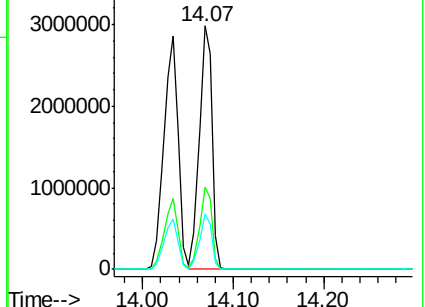
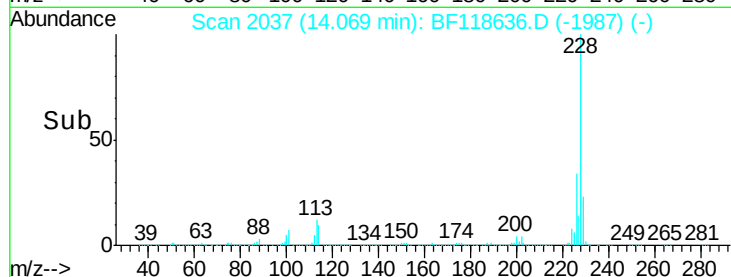
229 22.5 18.3 27.5



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: 45.052 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

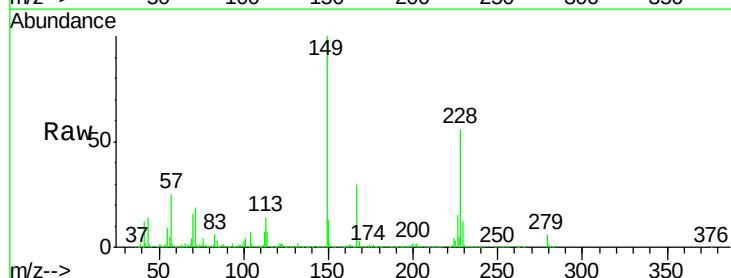
Tgt Ion:149 Resp: 1814093

Ion Ratio Lower Upper

149 100

167 30.1 24.2 36.4

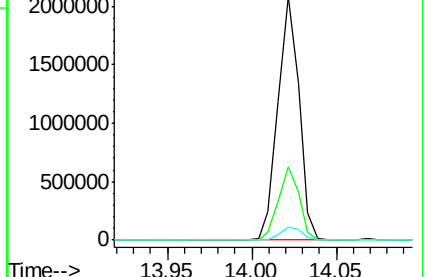
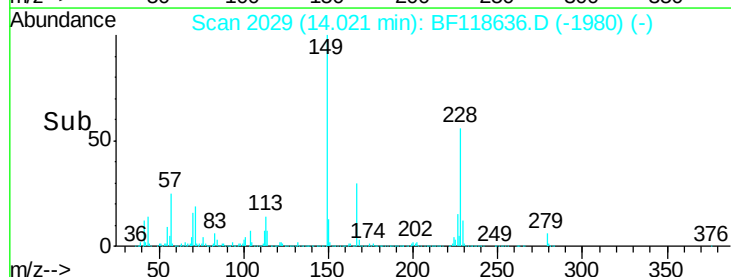
279 5.5 5.0 7.4

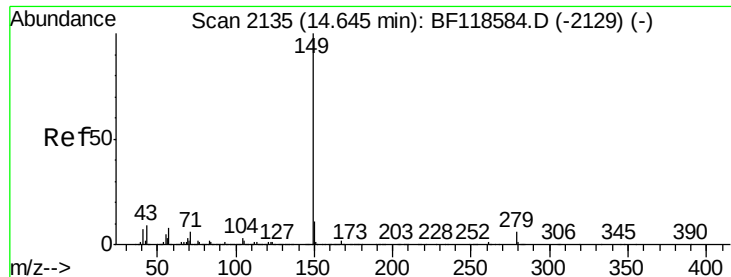


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.569 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

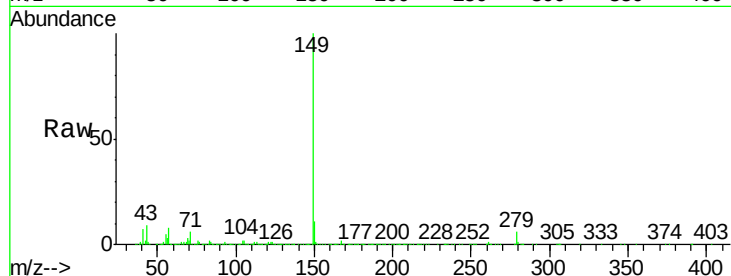
Tot Ion:149 Resp: 2775614

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

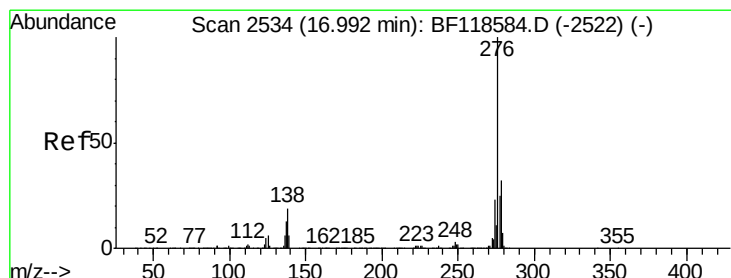
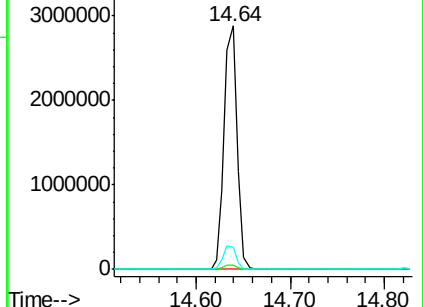
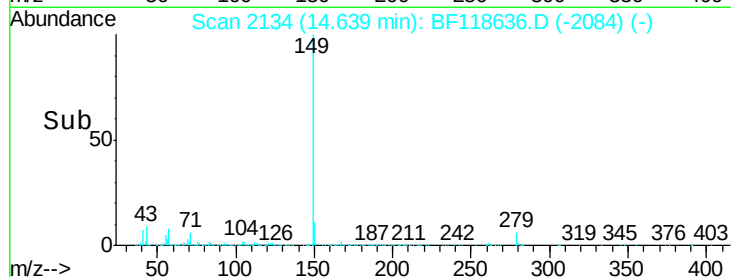
43 9.7 8.1 12.1



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: 41.567 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

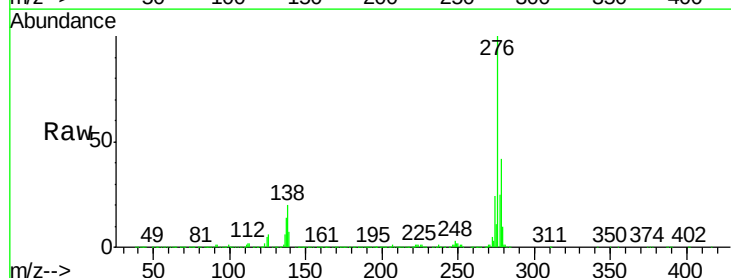
Tgt Ion:276 Resp: 2470021

Ion Ratio Lower Upper

276 100

138 22.1 17.2 25.8

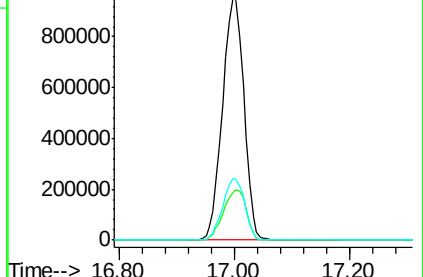
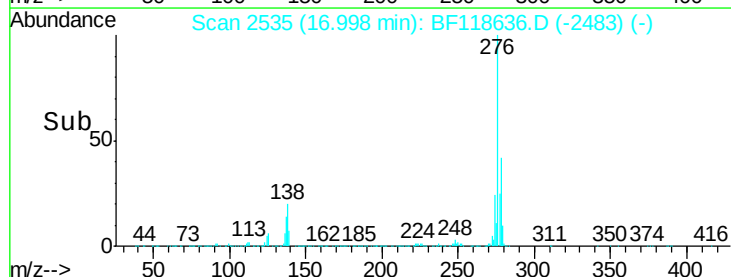
277 25.8 20.5 30.7

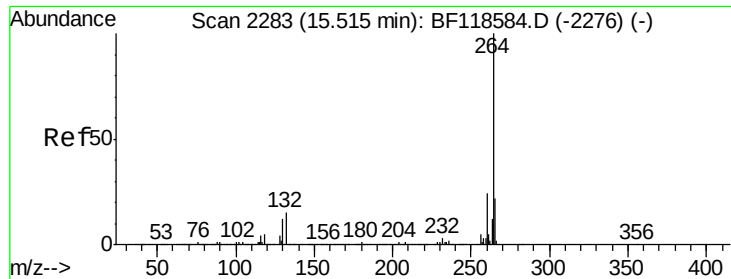


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampled :

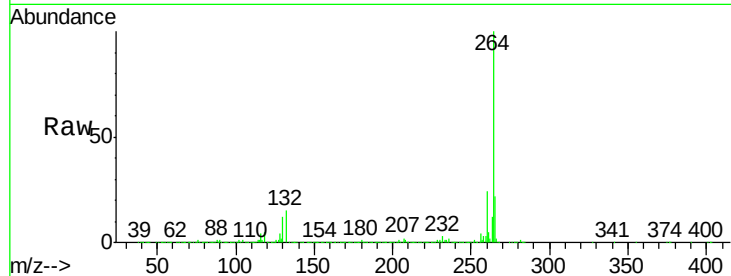
Tot Ion:264 Resp: 1050472

Ion Ratio Lower Upper

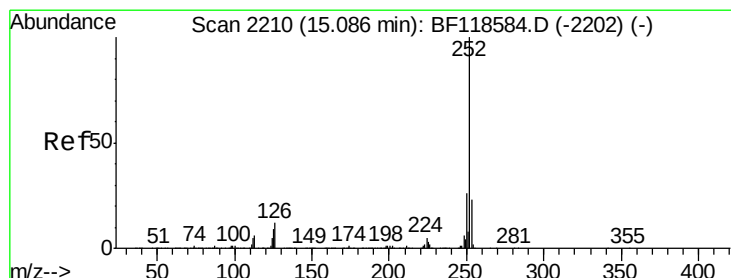
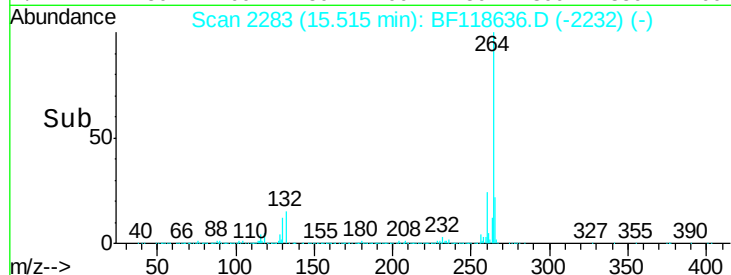
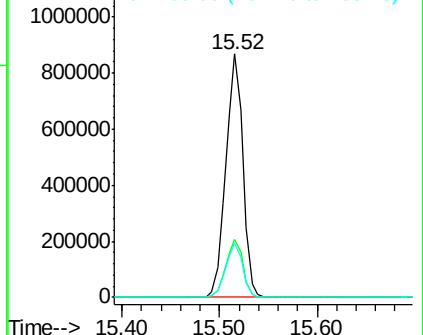
264 100

260 24.0 19.6 29.4

265 22.4 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: 43.011 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

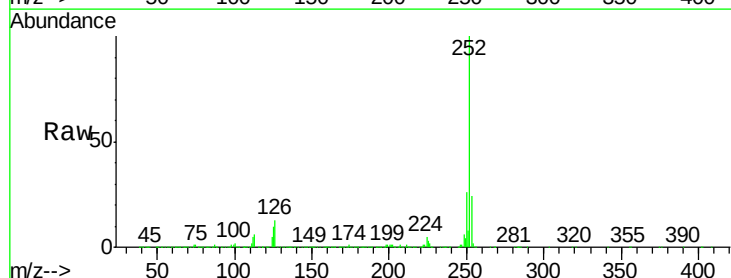
Tgt Ion:252 Resp: 2839981

Ion Ratio Lower Upper

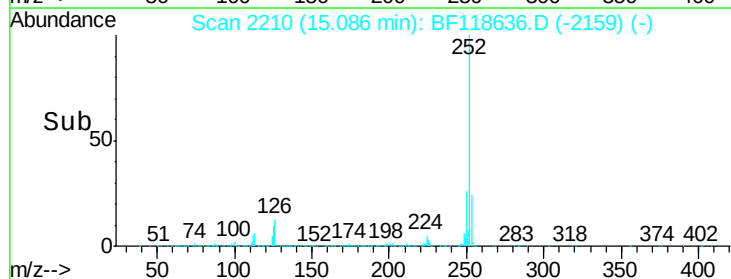
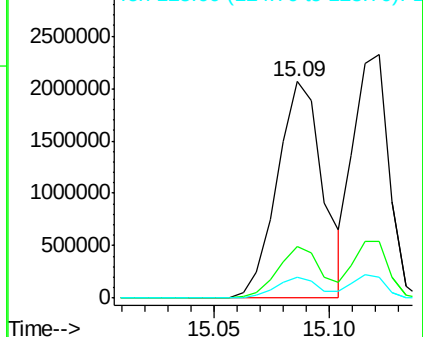
252 100

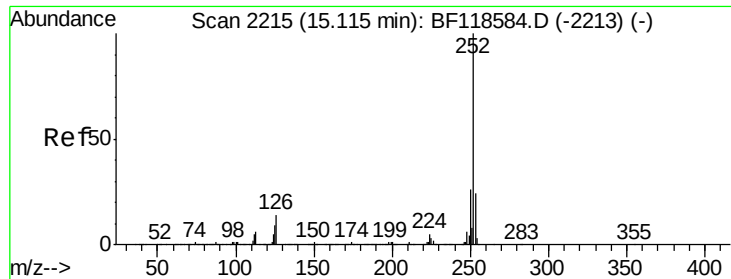
253 23.8 18.7 28.1

125 9.6 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

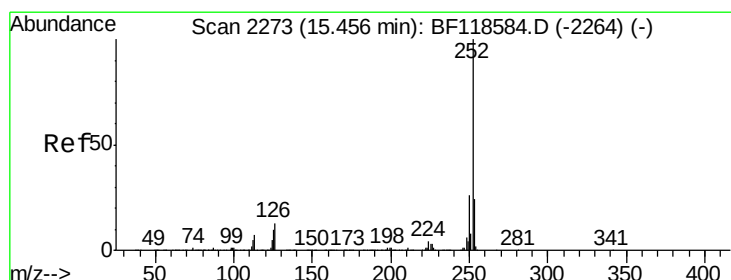
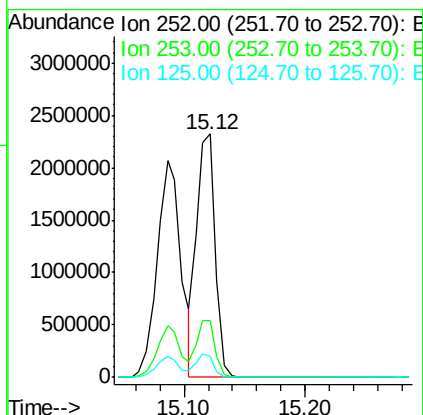
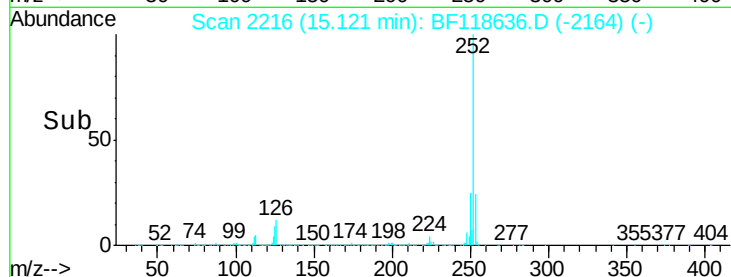
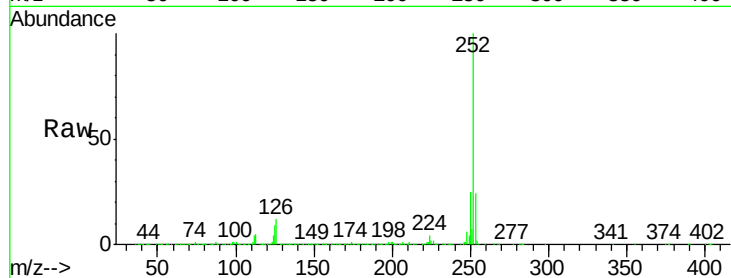




#89
Benzo(k)fluoranthene
Concen: 40.477 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

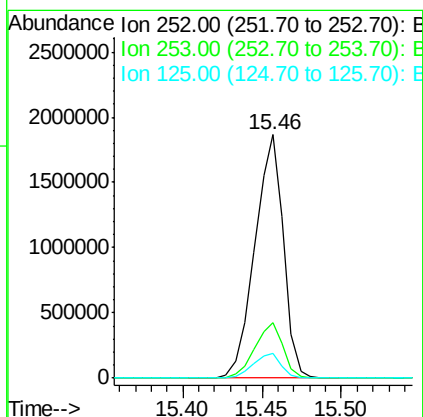
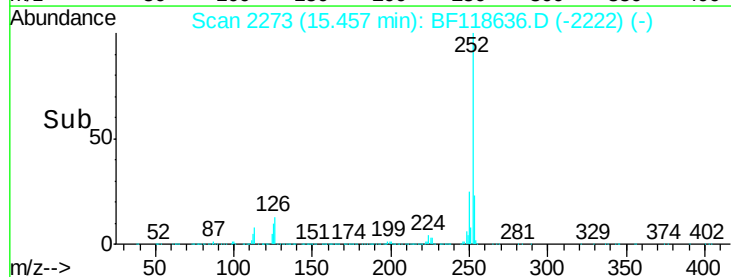
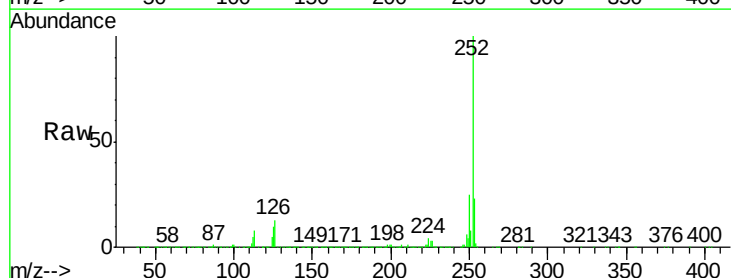
Instrument :
BNA_F
ClientSampleId :

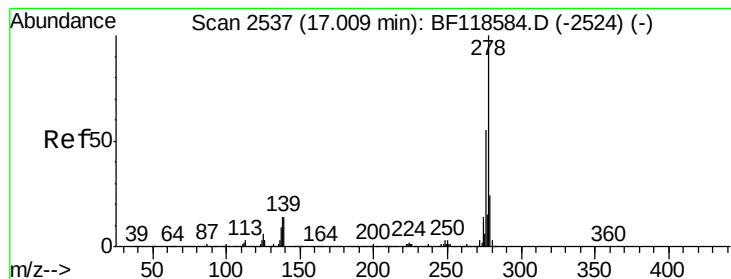
Tot Ion:252 Resp: 2476116
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.4
125 8.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 41.016 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:252 Resp: 2336230
Ion Ratio Lower Upper
252 100
253 22.9 18.8 28.2
125 9.9 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 40.898 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

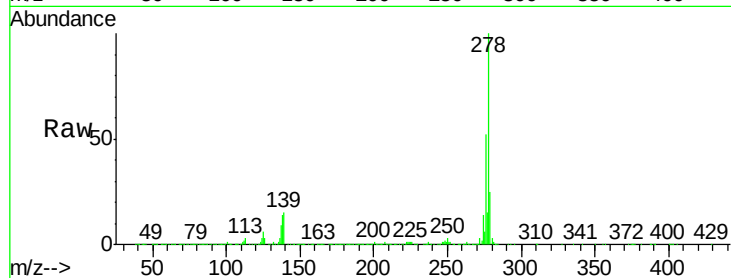
Tot Ion:278 Resp: 2060599

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.4	17.0
279	24.7	19.0	28.6

278 100

139 14.7 11.4 17.0

279 24.7 19.0 28.6

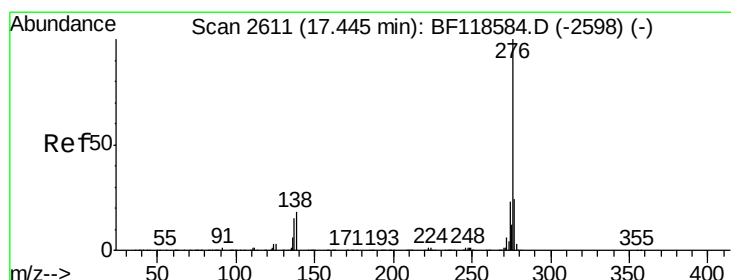
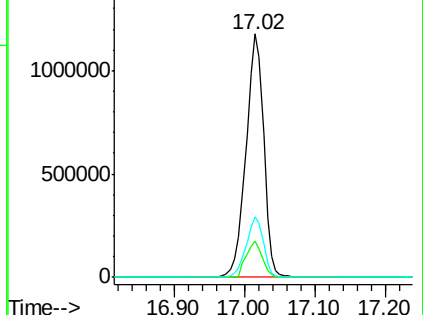
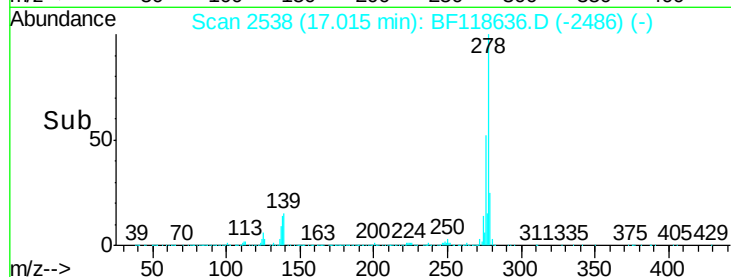


Abundance

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: 41.631 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

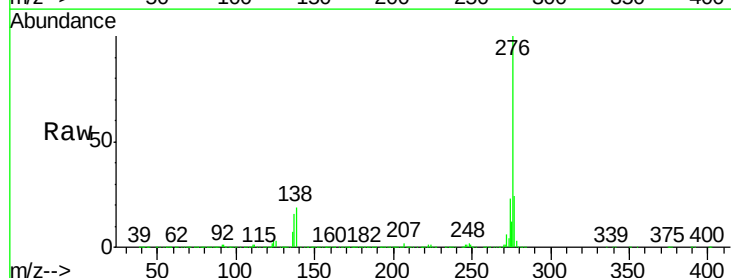
Tgt Ion:276 Resp: 2036598

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	18.8	14.4	21.6

276 100

277 24.1 18.9 28.3

138 18.8 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

