

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118358.D
 Acq On : 28 Dec 2019 11:50
 Operator : JU
 Sample : PB125767BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 06:58:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	179424	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	782608	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	431713	20.00	ng	0.01
64) Phenanthrene-d10	11.40	188	810146	20.00	ng	0.01
76) Chrysene-d12	14.06	240	543903	20.00	ng	0.00
87) Perylene-d12	15.54	264	387881	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	877607	83.49	ng	0.02
7) Phenol-d6	6.50	99	1066410	81.78	ng	0.01
23) Nitrobenzene-d5	7.43	82	1124834	82.21	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	387845	72.75	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	2327792	82.31	ng	0.00
79) Terphenyl-d14	12.99	244	2730111	83.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	154052	36.868	ng	98
3) Pyridine	3.46	79	332826	29.896	ng	98
4) n-Nitrosodimethylamine	3.42	42	187095	40.648	ng	95
6) Aniline	6.52	93	545874	32.968	ng	# 57
8) 2-Chlorophenol	6.65	128	574580	48.265	ng	98
9) Benzaldehyde	6.40	77	248447	32.499	ng	96
10) Phenol	6.51	94	661098	45.109	ng	86
11) bis(2-Chloroethyl)ether	6.59	93	484710	46.245	ng	99
12) 1,3-Dichlorobenzene	6.80	146	557597	40.670	ng	97
13) 1,4-Dichlorobenzene	6.87	146	577761	41.488	ng	99
14) 1,2-Dichlorobenzene	7.03	146	546659	41.578	ng	98
15) Benzyl Alcohol	7.00	79	469968	47.337	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	494202	44.187	ng	74
17) 2-Methylphenol	7.12	107	454721	47.624	ng	96
18) Hexachloroethane	7.36	117	211219	41.326	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	366017	45.566	ng	98
20) 3+4-Methylphenols	7.27	107	578559	47.344	ng	# 84
22) Acetophenone	7.27	105	751716	39.191	ng	# 94
24) Nitrobenzene	7.45	77	548210	39.995	ng	99
25) Isophorone	7.69	82	1015685	42.592	ng	100
26) 2-Nitrophenol	7.76	139	324093	44.640	ng	97
27) 2,4-Dimethylphenol	7.80	122	501310	50.609	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	635854	40.771	ng	99
29) 2,4-Dichlorophenol	8.00	162	482895	42.354	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	522645	39.352	ng	98
31) Naphthalene	8.16	128	1643657	41.322	ng	99
32) Benzoic acid	7.96	122	327133	40.160	ng	96
33) 4-Chloroaniline	8.22	127	424588	24.899	ng	98
34) Hexachlorobutadiene	8.28	225	298106	37.707	ng	99
35) Caprolactam	8.61	113	93246	26.196	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	520322	42.507	ng	98
37) 2-Methylnaphthalene	8.86	142	1156253	42.456	ng	99
38) 1-Methylnaphthalene	8.96	142	1078111	42.018	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	503038	38.781	ng	99

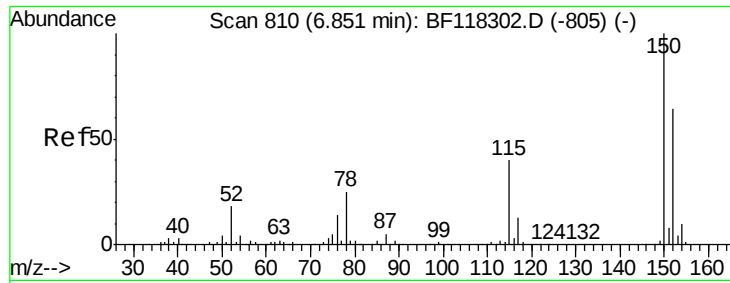
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	358523	67.260	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	350690	40.469	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	362329	40.646	nq	98
46) 1,1'-Biphenyl	9.33	154	1356956	39.740	nq	100
47) 2-Chloronaphthalene	9.35	162	1063082	38.683	nq	99
48) 2-Nitroaniline	9.45	65	297483	38.323	nq	98
49) Acenaphthylene	9.77	152	1643451	40.322	nq	99
50) Dimethylphthalate	9.63	163	1291157	39.843	nq	99
51) 2,6-Dinitrotoluene	9.70	165	283530	40.583	nq	95
52) Acenaphthene	9.95	154	982825	39.588	nq	99
53) 3-Nitroaniline	9.87	138	212527	25.918	nq	90
54) 2,4-Dinitrophenol	9.99	184	273978	77.921	nq	99
55) Dibenzofuran	10.12	168	1456698	39.710	nq	97
56) 4-Nitrophenol	10.05	139	408123	80.621	nq	93
57) 2,4-Dinitrotoluene	10.11	165	375875	40.263	nq	# 87
58) Fluorene	10.46	166	1171034	39.545	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	315051	41.595	nq	98
60) Diethylphthalate	10.33	149	1283633	40.039	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	592243	40.063	nq	93
62) 4-Nitroaniline	10.49	138	294652	34.589	nq	98
63) Azobenzene	10.61	77	1104698	40.229	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	202329	46.295	nq	85
66) n-Nitrosodiphenylamine	10.57	169	1057345	40.722	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	373533	39.398	nq	98
68) Hexachlorobenzene	11.02	284	426587	38.225	nq	91
69) Atrazine	11.10	200	356404	44.475	nq	96
70) Pentachlorophenol	11.22	266	395092	81.745	nq	99
71) Phenanthrene	11.43	178	1730732	39.188	nq	100
72) Anthracene	11.48	178	1765599	39.940	nq	100
73) Carbazole	11.64	167	1535368	39.142	nq	99
74) Di-n-butylphthalate	11.96	149	2024456	40.703	nq	99
75) Fluoranthene	12.62	202	1757951	39.441	nq	96
77) Benzidine	12.74	184	528463	35.459	nq	99
78) Pyrene	12.85	202	1757914	39.579	nq	98
80) Butylbenzylphthalate	13.46	149	836532	41.830	nq	99
81) Benzo(a)anthracene	14.04	228	1482766	38.947	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	443668	34.371	nq	98
83) Chrysene	14.09	228	1385920	38.018	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1208412	45.953	nq	99
85) Di-n-octyl phthalate	14.63	149	1834538	47.427	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1123155	36.159	nq	99
88) Benzo(b)fluoranthene	15.11	252	1295151	50.302	nq	99
89) Benzo(k)fluoranthene	15.14	252	1081365	43.741	nq	99
90) Benzo(a)pyrene	15.49	252	1018661	44.912	nq	98
91) Dibenzo(a,h)anthracene	17.08	278	959523	48.750	nq	98
92) Benzo(g,h,i)perylene	17.53	276	927932	48.804	nq	99

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

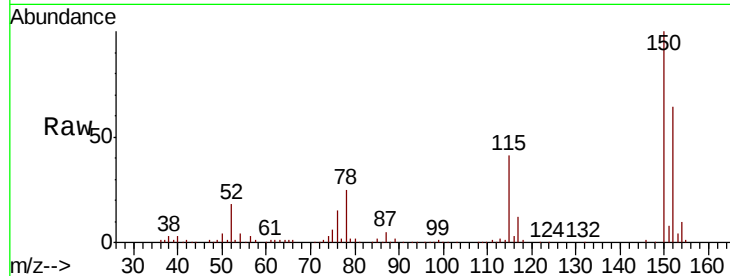


#1

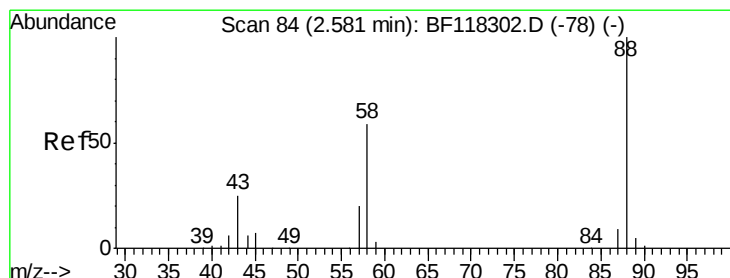
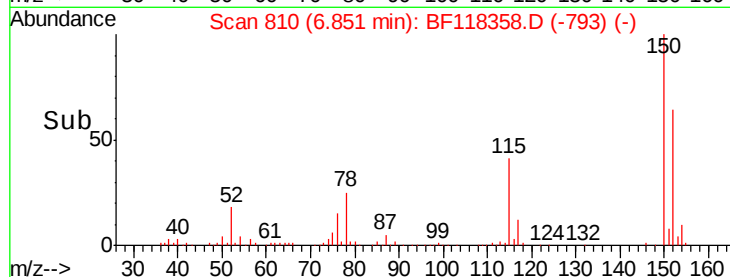
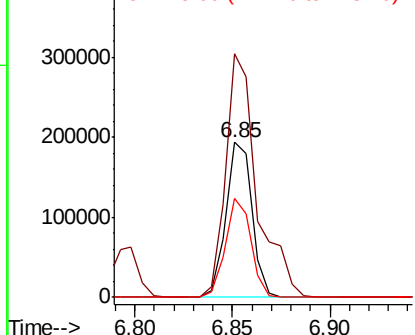
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179424
Ion Ratio Lower Upper
152 100
150 157.2 125.4 188.2
115 64.2 50.2 75.4



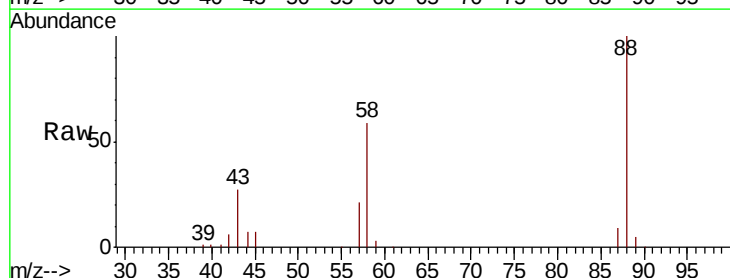
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



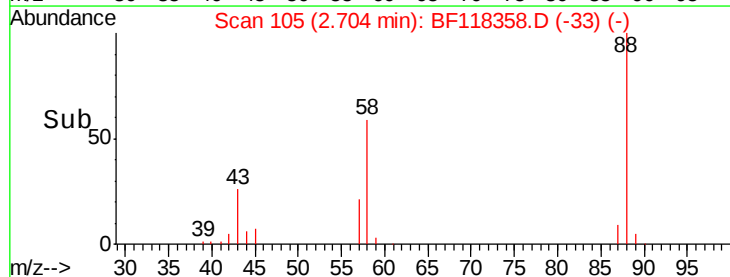
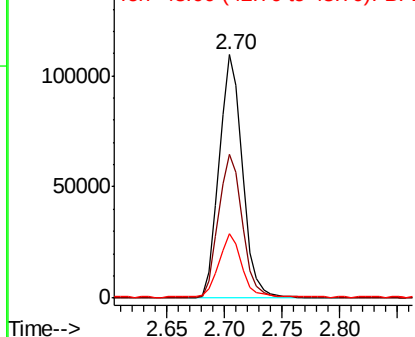
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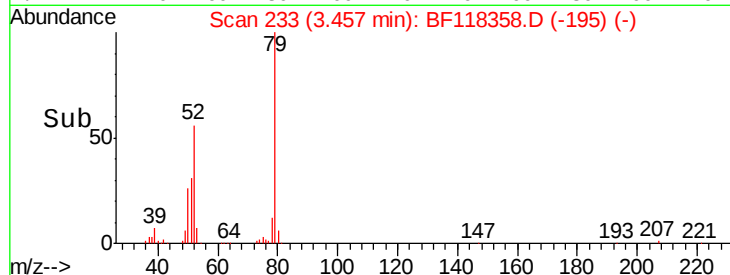
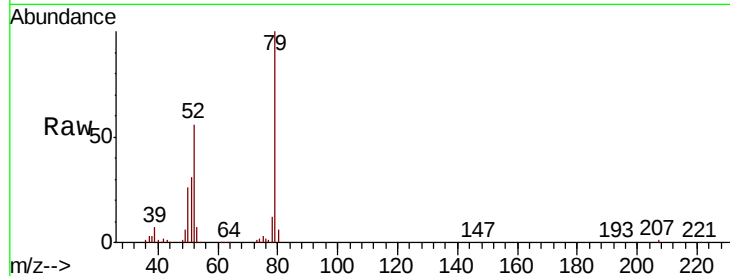
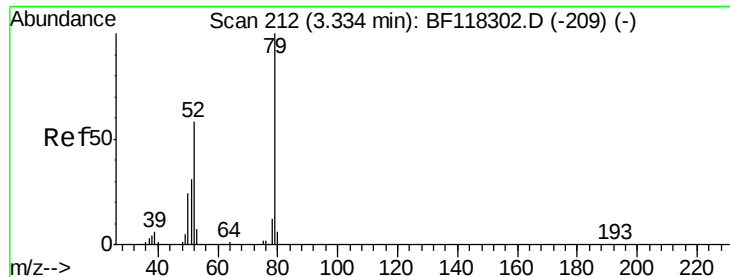
1,4-Dioxane
Concen: 36.868 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.12 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion: 88 Resp: 154052
Ion Ratio Lower Upper
88 100
58 60.9 47.6 71.4
43 25.1 20.6 30.8



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





#3

Pvridine

Concen: 29.896 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.12 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

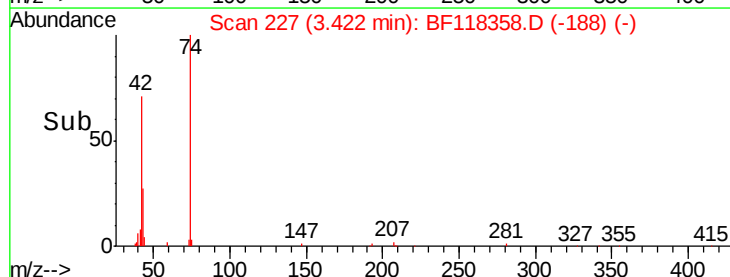
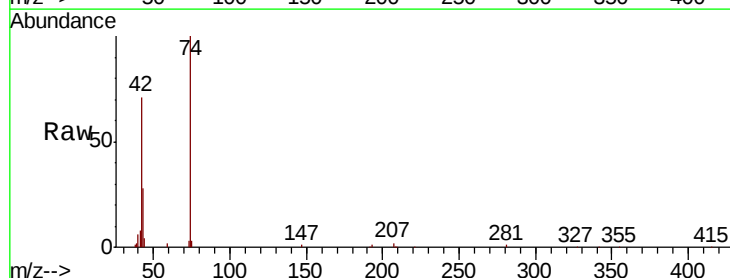
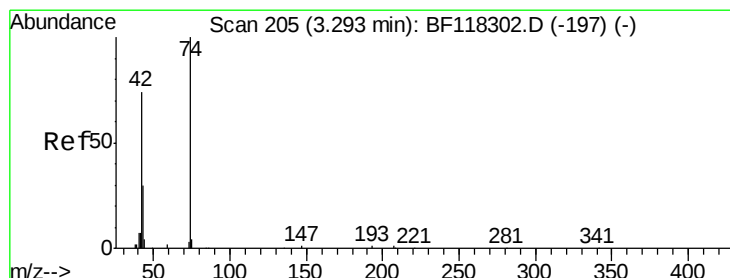
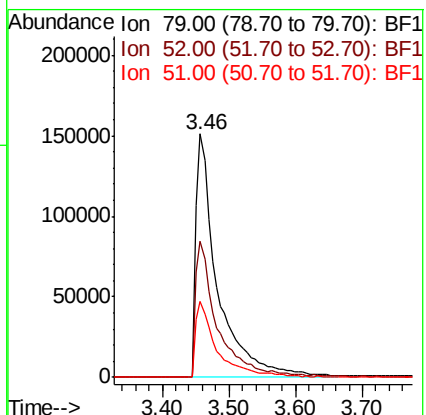
Tot Ion: 79 Resp: 332826

Ion Ratio Lower Upper

79 100

52 55.7 46.4 69.6

51 31.0 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 40.648 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.13 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

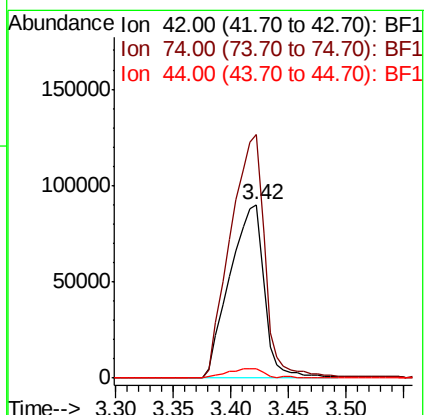
Tgt Ion: 42 Resp: 187095

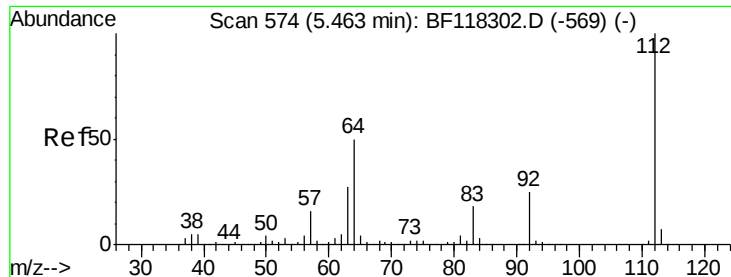
Ion Ratio Lower Upper

42 100

74 140.3 107.7 161.5

44 5.7 4.8 7.2





#5

2-Fluorophenol

Concen: 83.493 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampled :

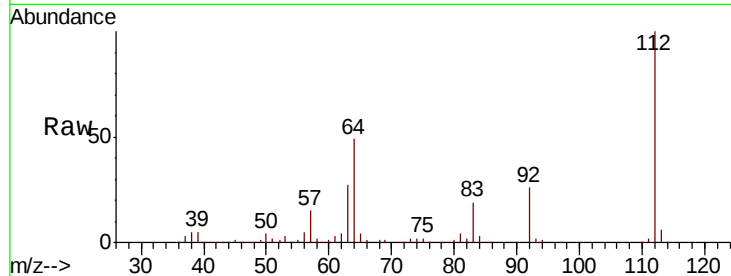
Tot Ion:112 Resp: 877607

Ion Ratio Lower Upper

112 100

64 49.2 39.7 59.5

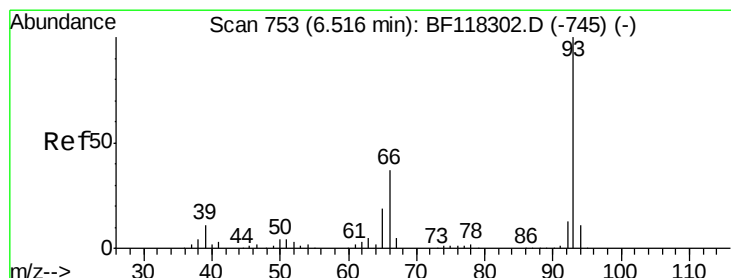
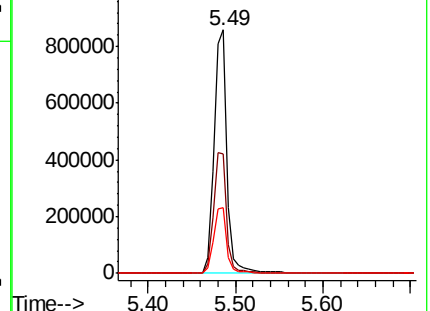
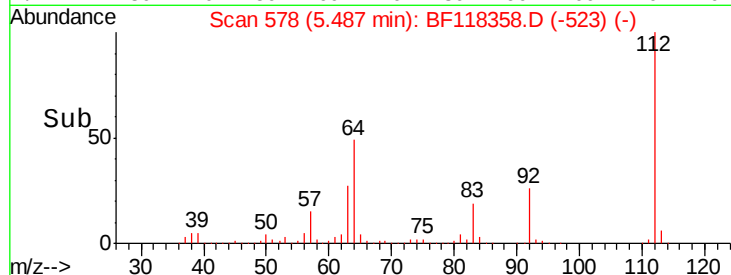
63 26.8 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.968 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

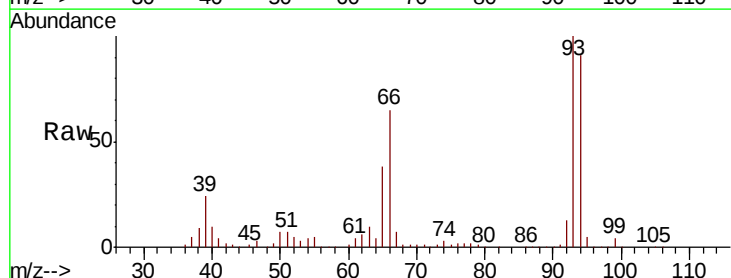
Tgt Ion: 93 Resp: 545874

Ion Ratio Lower Upper

93 100

66 65.0 30.2 45.4#

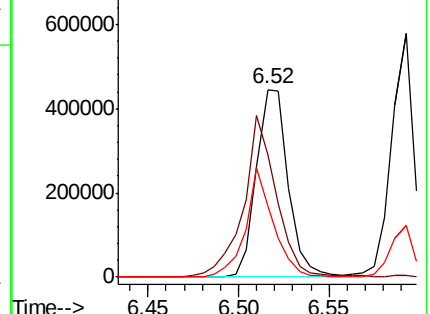
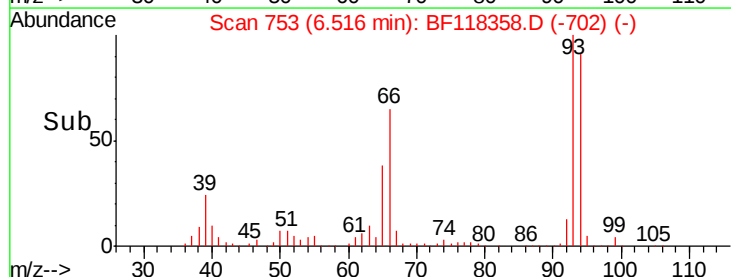
65 37.5 15.7 23.5#

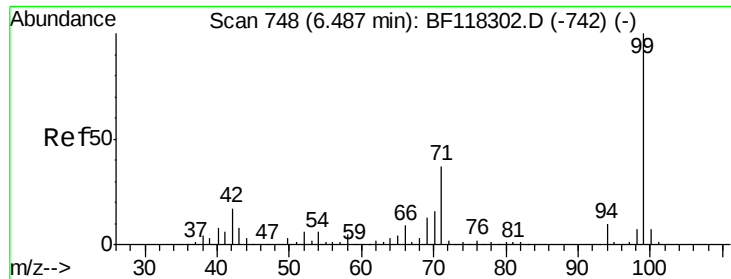


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.784 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

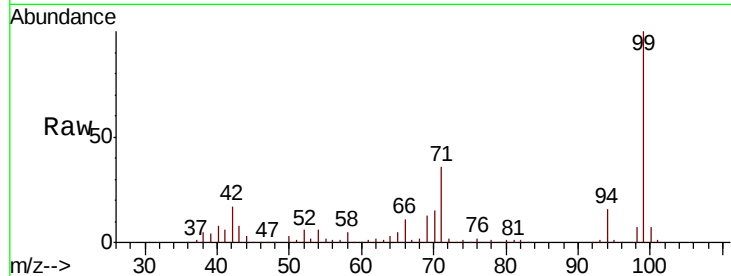
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1066410

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	36.4	29.4	44.2

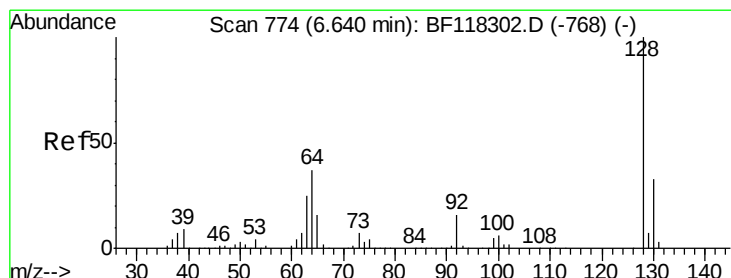
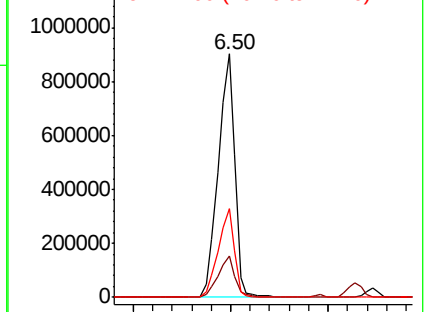
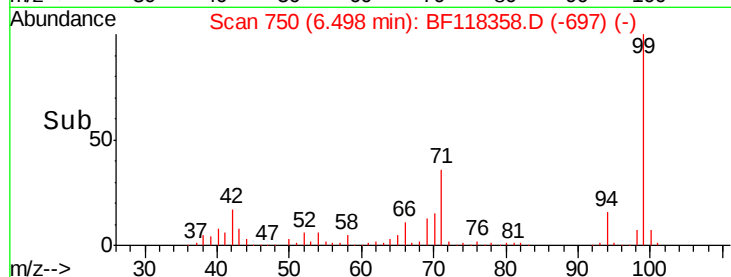


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.265 ng

RT: 6.65 min Scan# 775

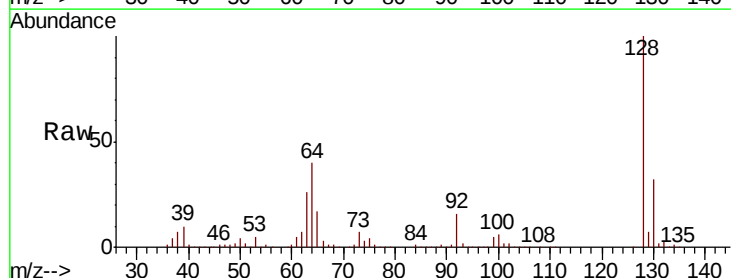
Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Tgt Ion: 128 Resp: 574580

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.2	53.2
64	39.7	17.7	57.7

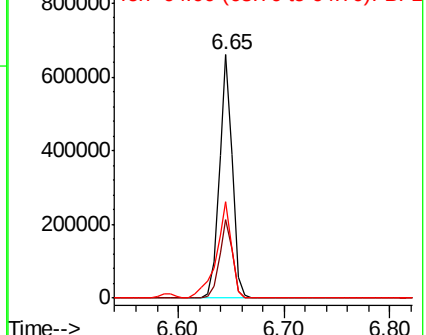
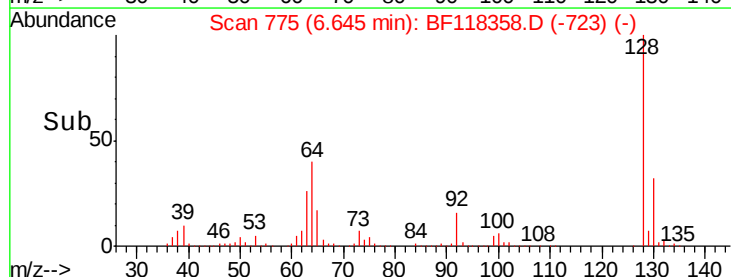


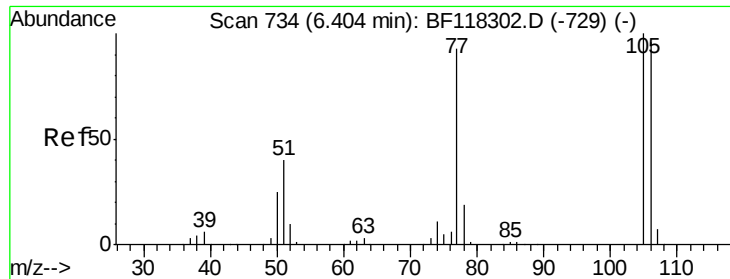
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.499 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

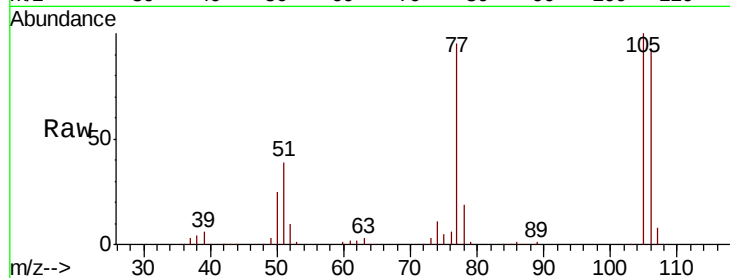
Tot Ion: 77 Resp: 248447

Ion Ratio Lower Upper

77 100

105 105.3 87.5 127.5

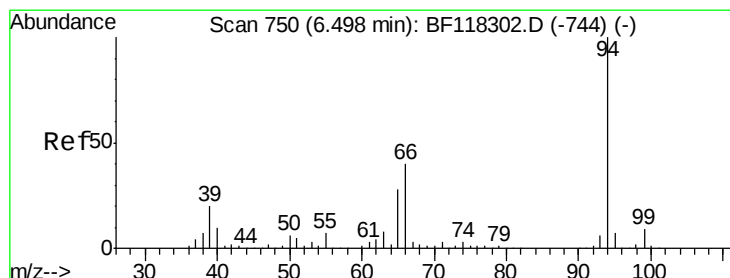
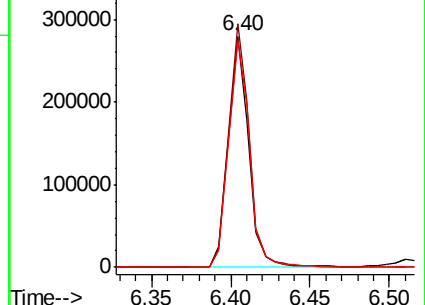
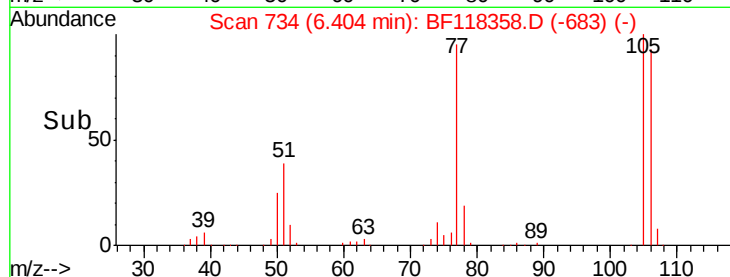
106 98.4 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 45.109 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

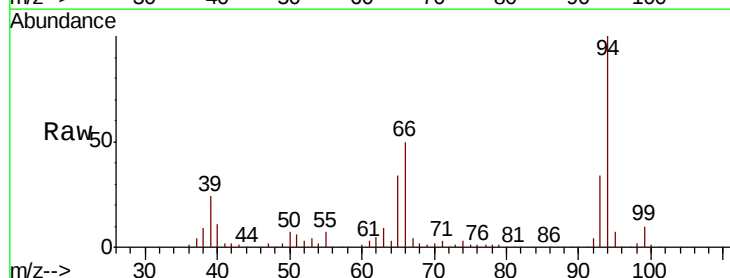
Tgt Ion: 94 Resp: 661098

Ion Ratio Lower Upper

94 100

65 34.2 7.8 47.8

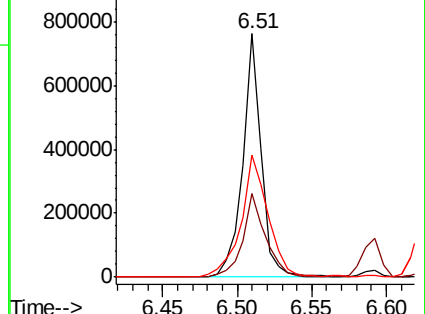
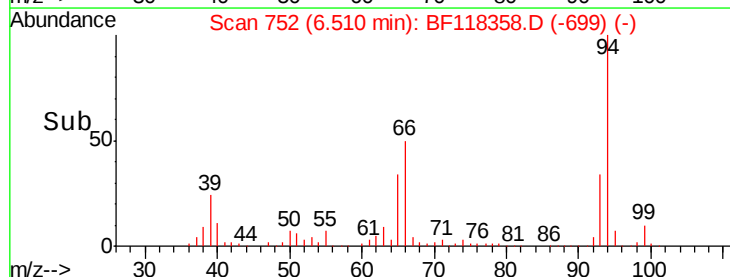
66 50.2 20.4 60.4

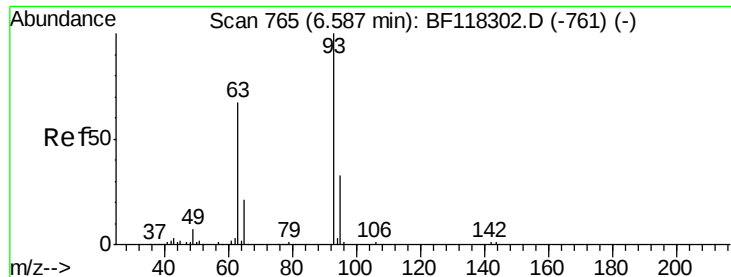


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

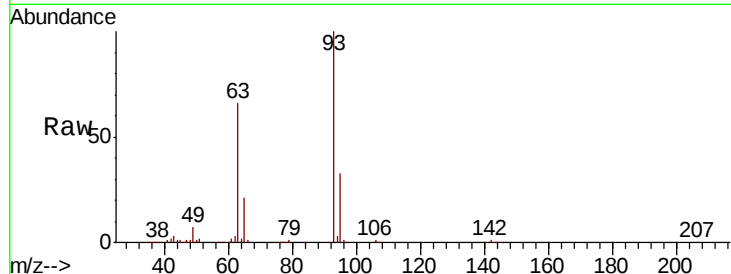




#11
bis(2-Chloroethyl)ether
Concen: 46.245 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.8	47.0	87.0
95	33.1	12.8	52.8

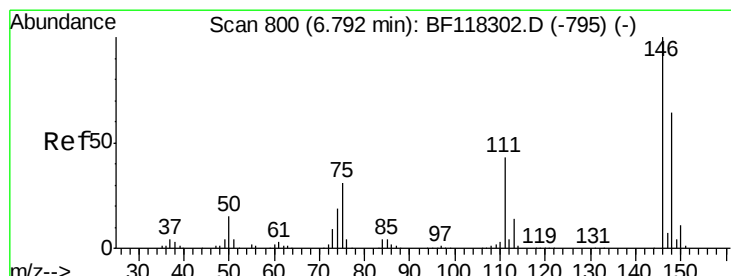
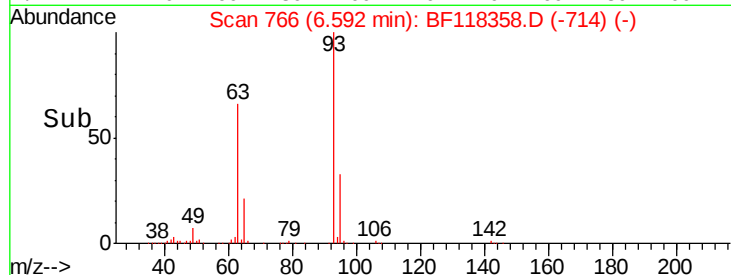
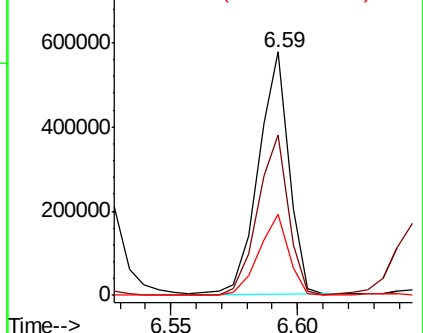


Abundance

Ion 93.00 (92.70 to 93.70): BF1

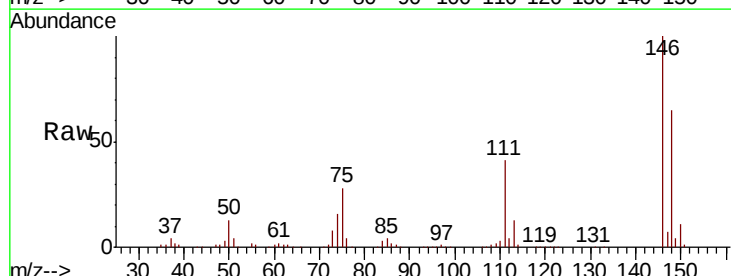
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 40.670 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.0
75	27.6	24.4	36.6

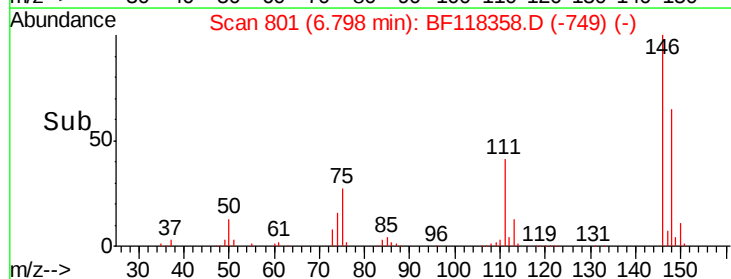
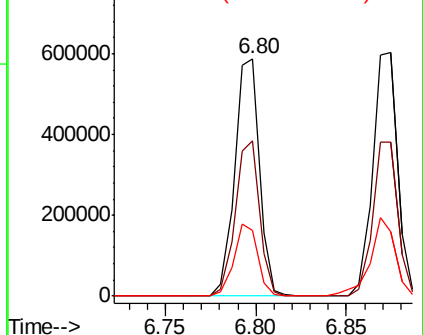


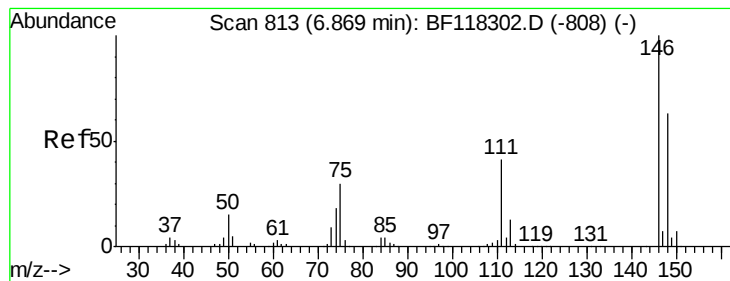
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.488 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampled :

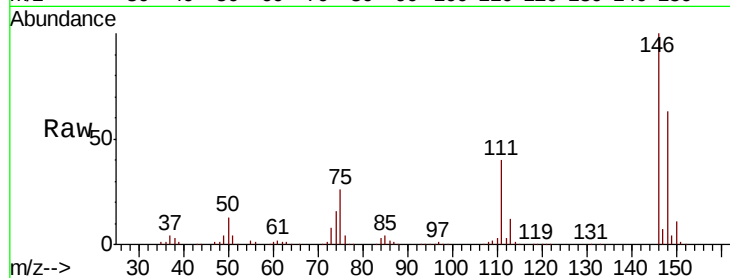
Tot Ion:146 Resp: 577761

Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

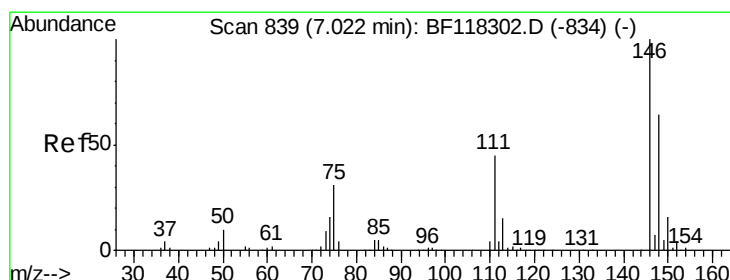
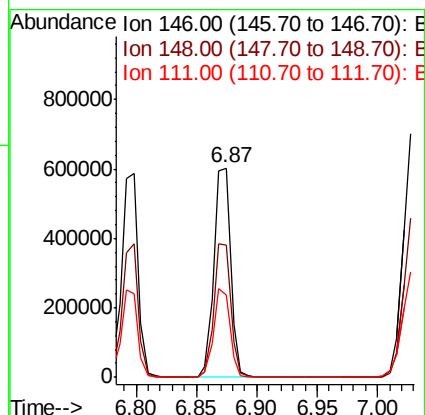
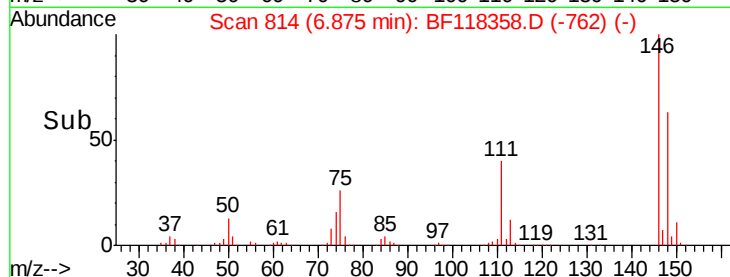
111 39.6 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.578 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

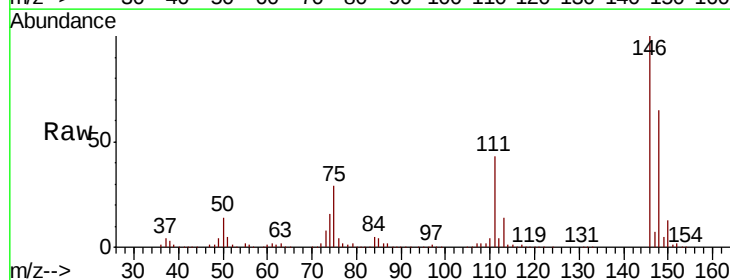
Tgt Ion:146 Resp: 546659

Ion Ratio Lower Upper

146 100

148 65.3 51.3 76.9

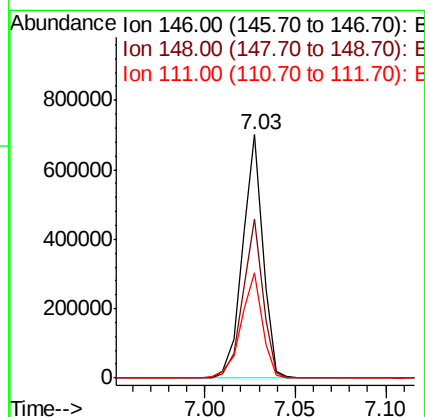
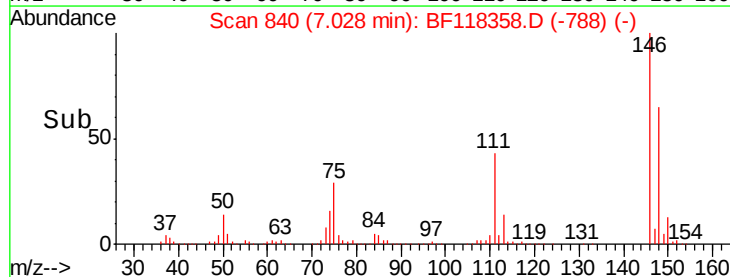
111 43.5 35.7 53.5

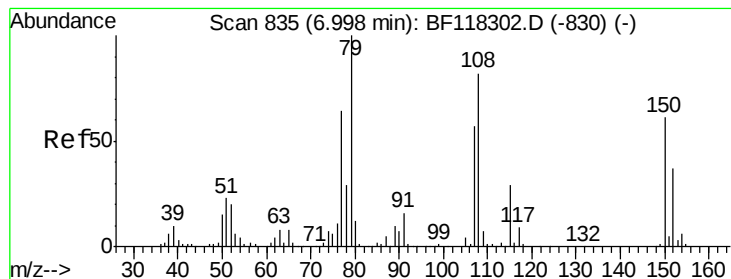


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.337 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampled :

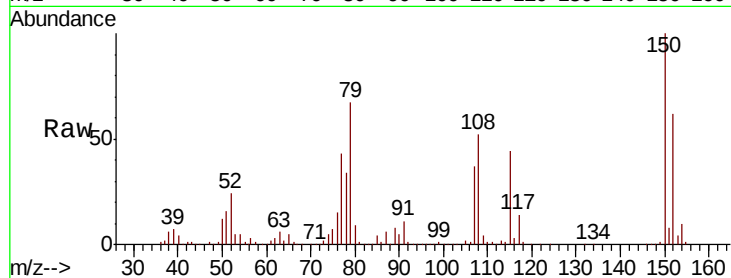
Tot Ion: 79 Resp: 469968

Ion Ratio Lower Upper

79 100

108 77.8 65.4 98.0

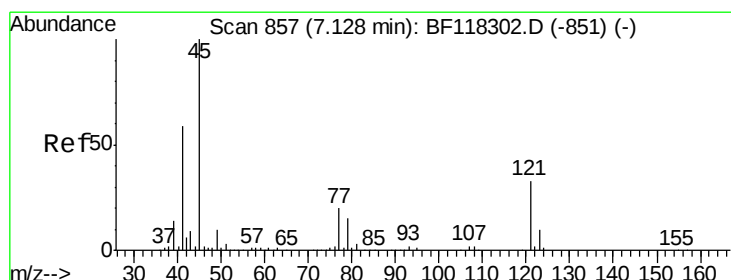
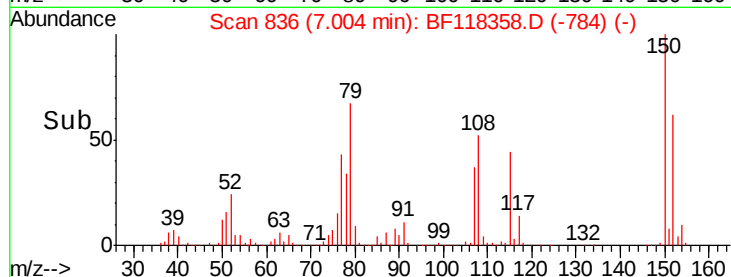
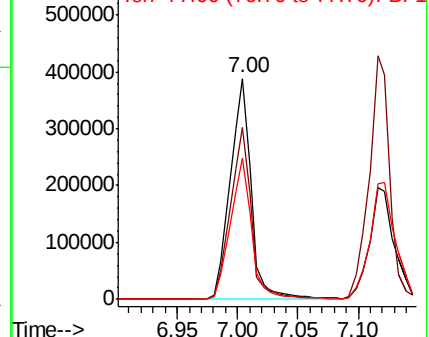
77 64.1 51.4 77.0



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: 44.187 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

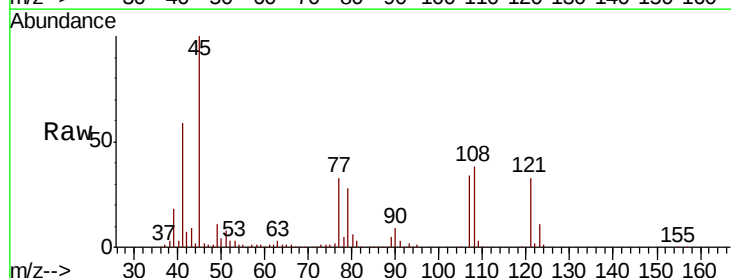
Tgt Ion: 45 Resp: 494202

Ion Ratio Lower Upper

45 100

77 33.5 1.2 41.2

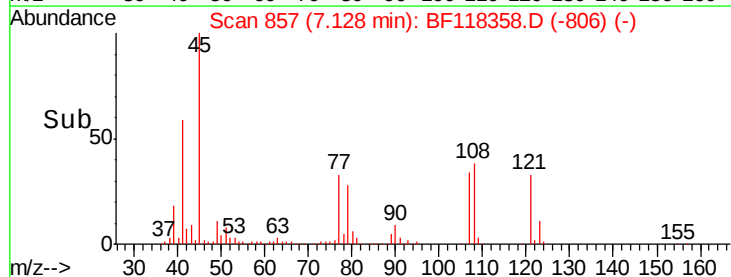
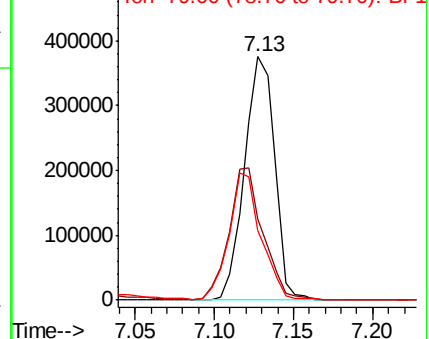
79 28.4 0.0 37.0

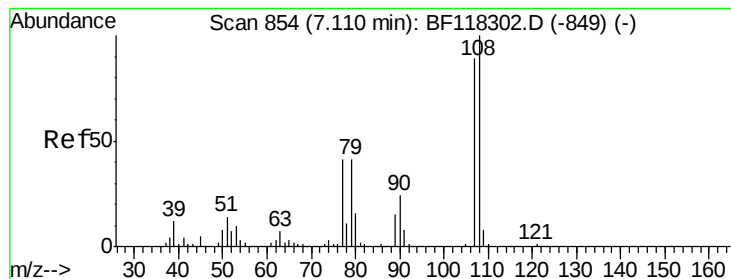


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 47.624 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 454721

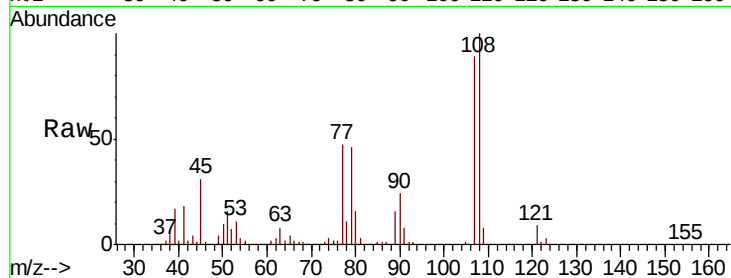
Ion Ratio Lower Upper

107 100

108 112.2 89.7 134.5

77 53.1 37.2 55.8

79 51.3 36.7 55.1



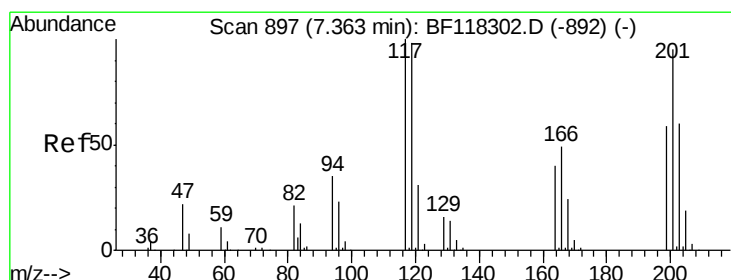
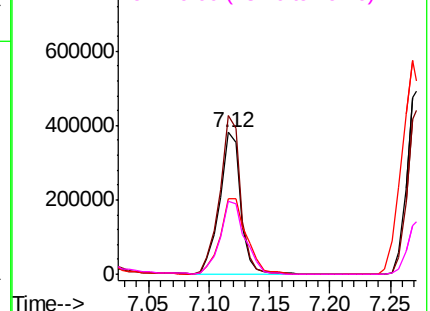
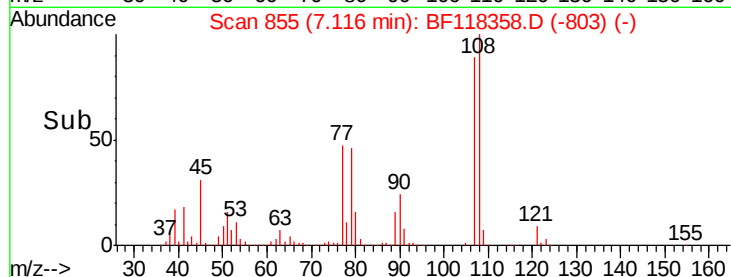
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.326 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

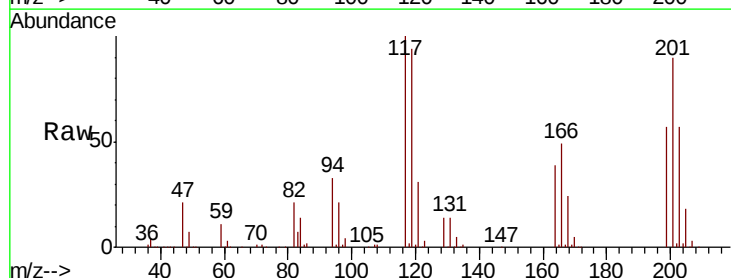
Tgt Ion:117 Resp: 211219

Ion Ratio Lower Upper

117 100

119 94.1 78.0 117.0

201 89.8 76.2 114.2

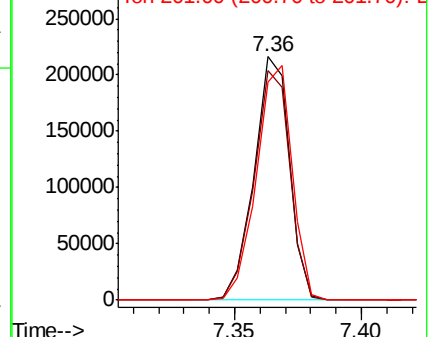
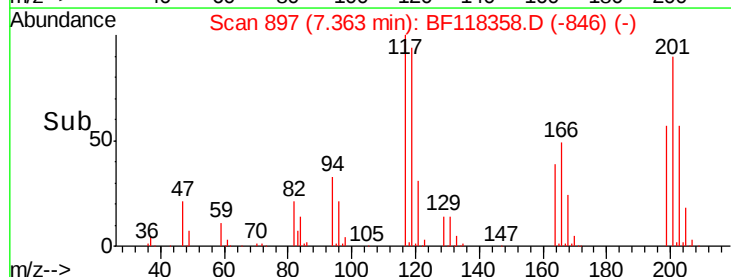


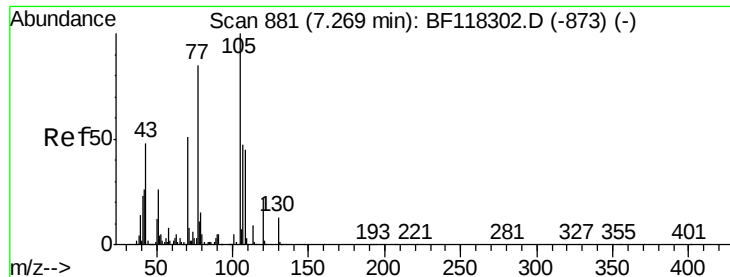
Abundance

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

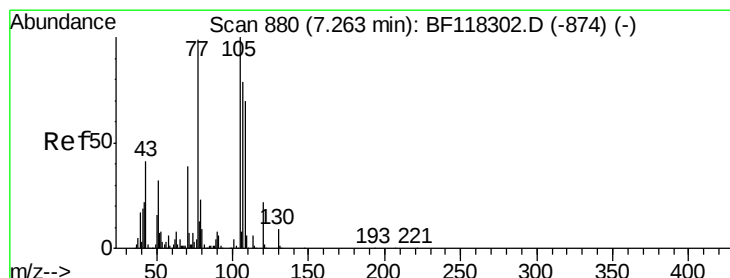
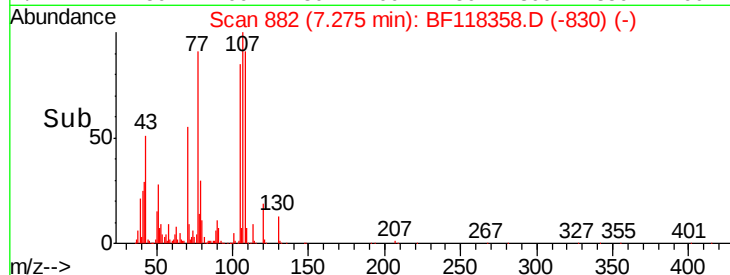
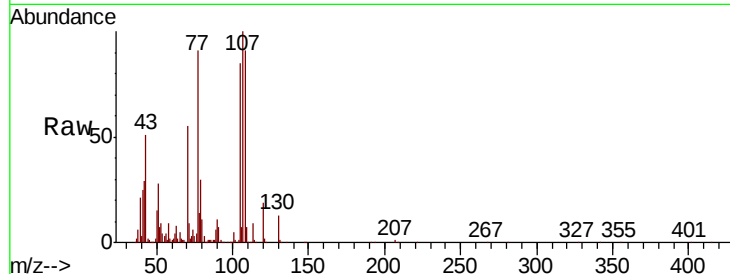
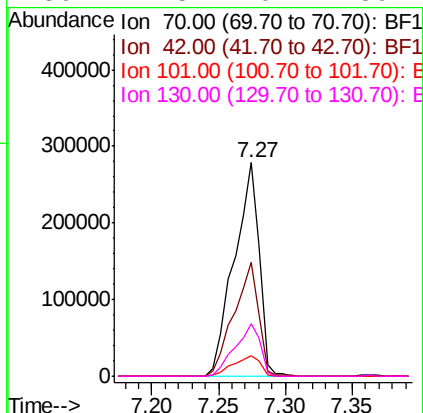




#19
n-Nitroso-di-n-propylamine
Concen: 45.566 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

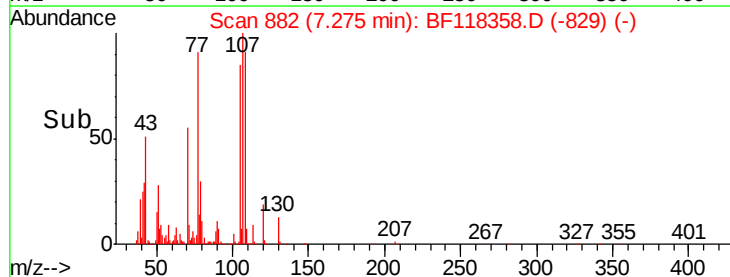
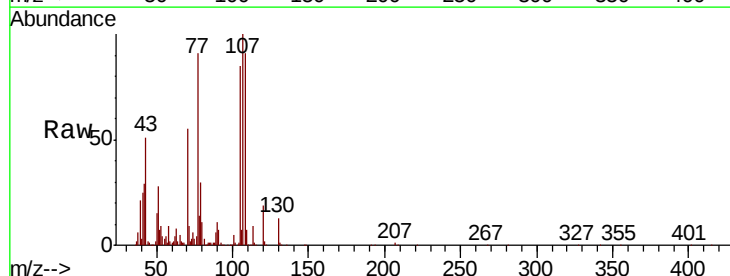
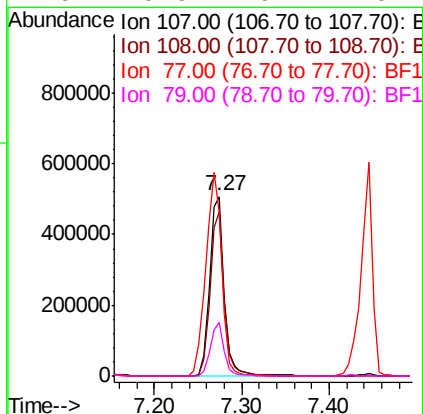
Instrument :
BNA_F
ClientSampleId :

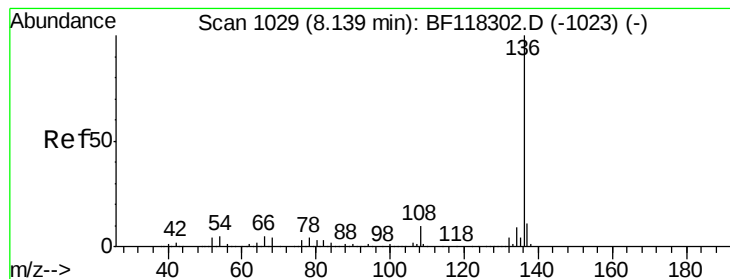
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.5	41.1	61.7
101	9.8	8.3	12.5
130	24.5	20.1	30.1



#20
3+4-Methylphenols
Concen: 47.344 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	69.3	109.3
77	91.5	105.9	145.9#
79	29.9	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 782608

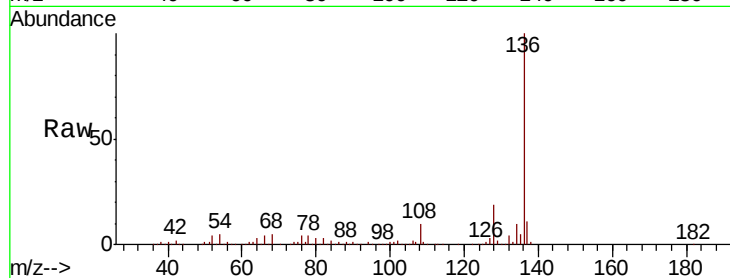
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.3 4.2 6.4

68 4.6 3.5 5.3

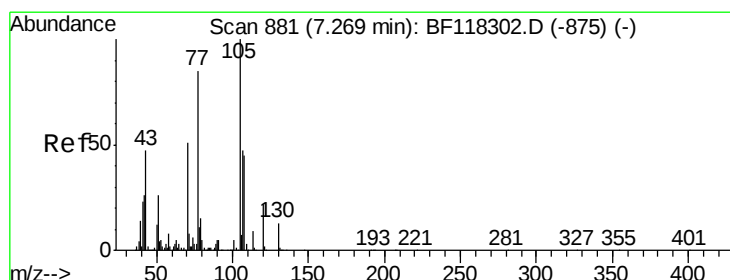
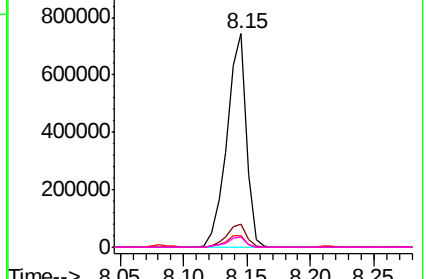
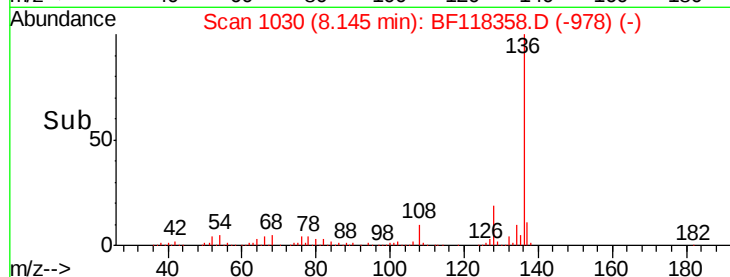


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.191 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Tgt Ion:105 Resp: 751716

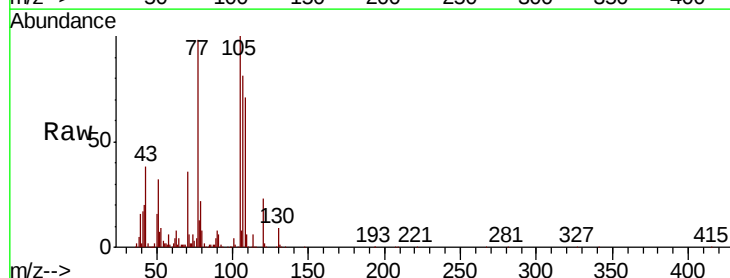
Ion Ratio Lower Upper

105 100

71 6.1 6.6 9.8#

51 31.5 20.6 30.8#

120 22.8 18.0 27.0

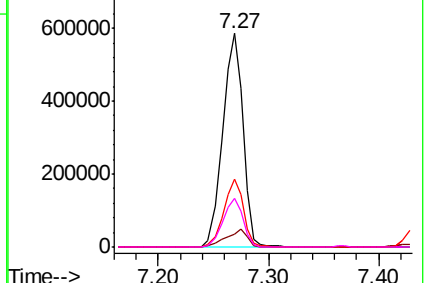
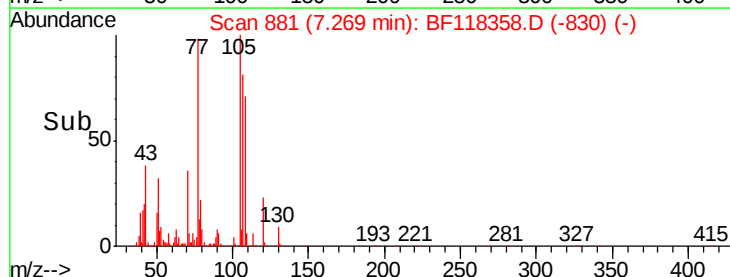


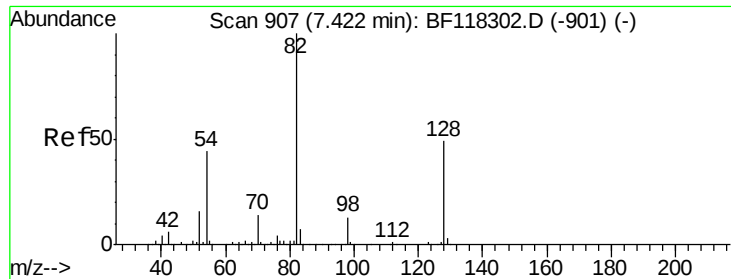
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

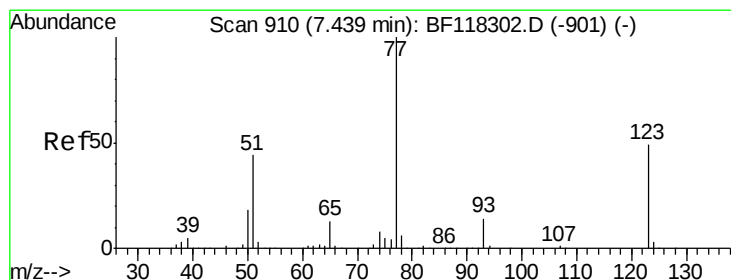
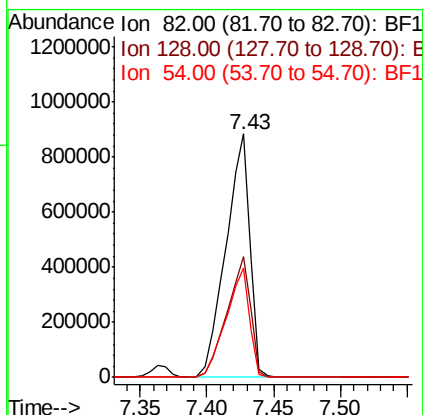
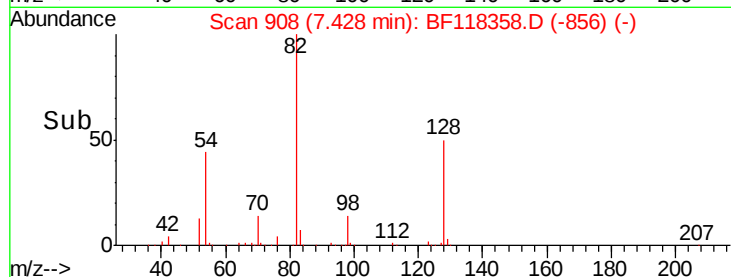
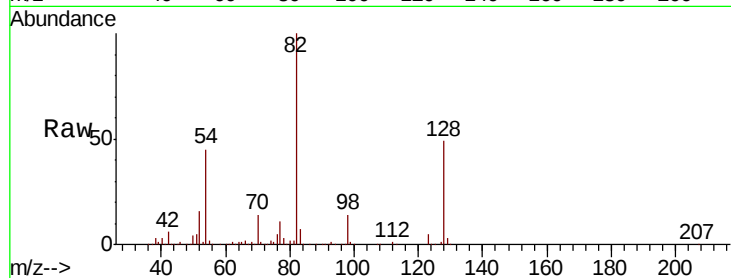




#23
 Nitrobenzene-d5
 Concen: 82.206 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

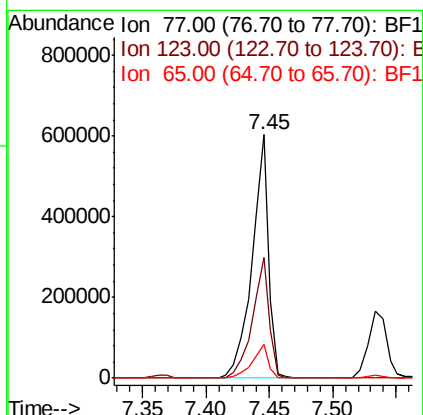
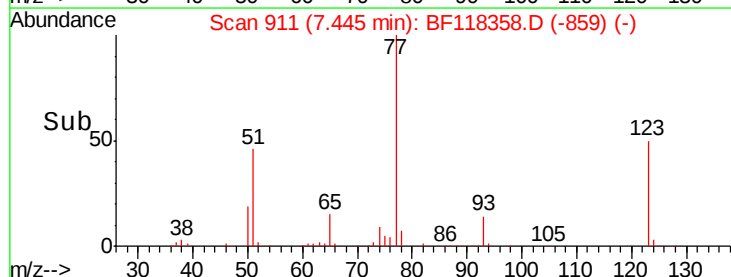
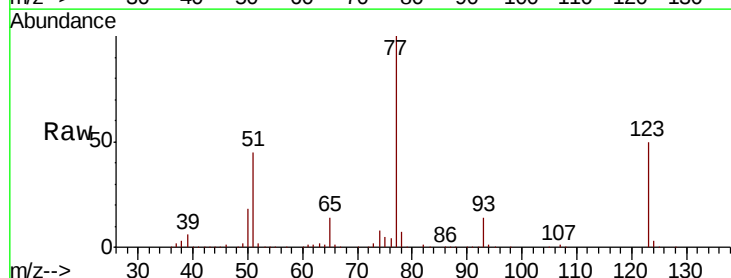
Instrument :
 BNA_F
 ClientSampled :

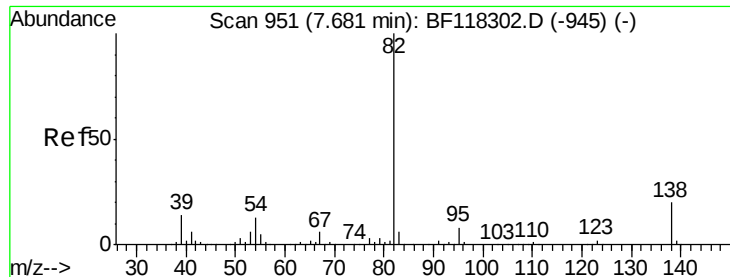
Tot Ion: 82 Resp: 1124834
 Ion Ratio Lower Upper
 82 100
 128 49.4 39.6 59.4
 54 44.7 34.9 52.3



#24
 Nitrobenzene
 Concen: 39.995 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion: 77 Resp: 548210
 Ion Ratio Lower Upper
 77 100
 123 49.8 39.1 58.7
 65 13.6 10.6 16.0





#25

Isophorone

Concen: 42.592 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

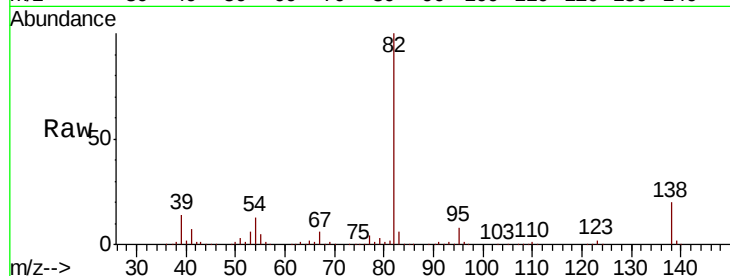
Tot Ion: 82 Resp: 1015685

Ion Ratio Lower Upper

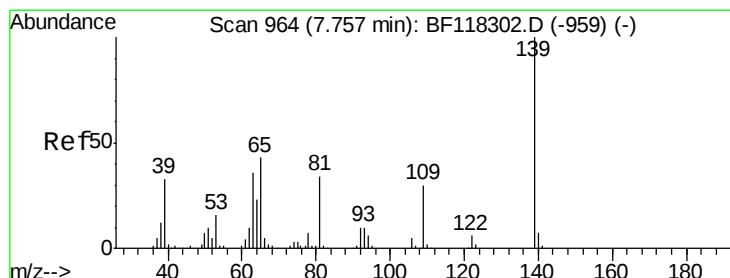
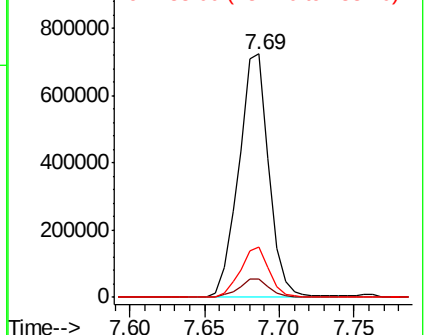
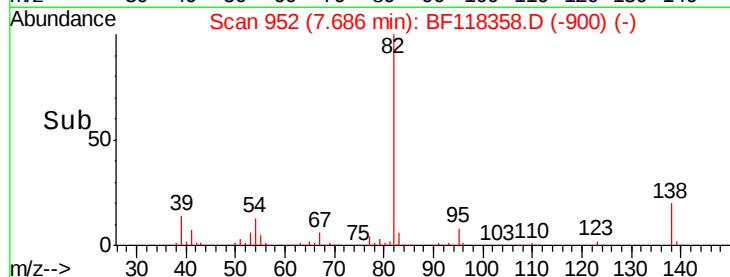
82 100

95 7.8 6.3 9.5

138 20.5 16.2 24.2



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



#26

2-Nitrophenol

Concen: 44.640 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

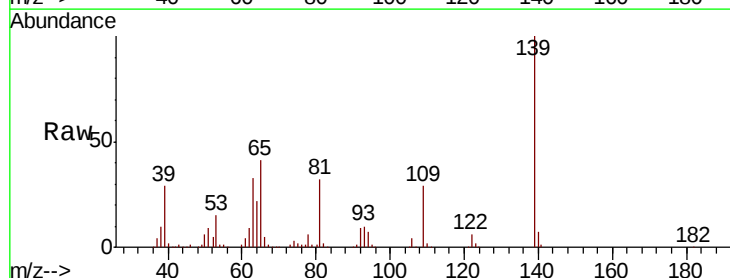
Tgt Ion: 139 Resp: 324093

Ion Ratio Lower Upper

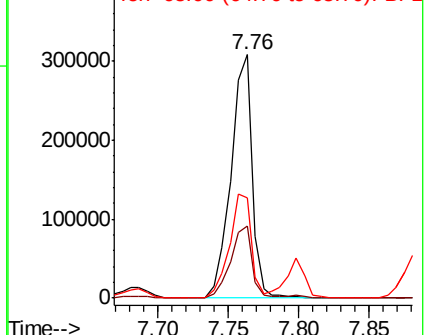
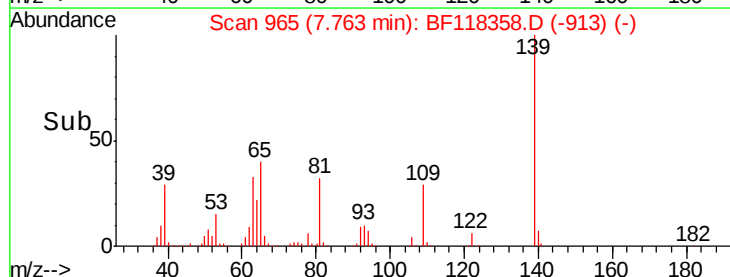
139 100

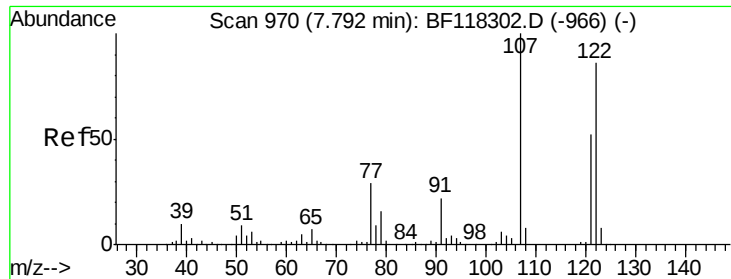
109 29.4 24.1 36.1

65 41.0 34.6 52.0



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

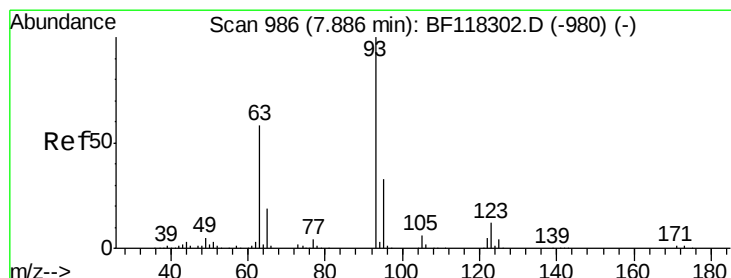
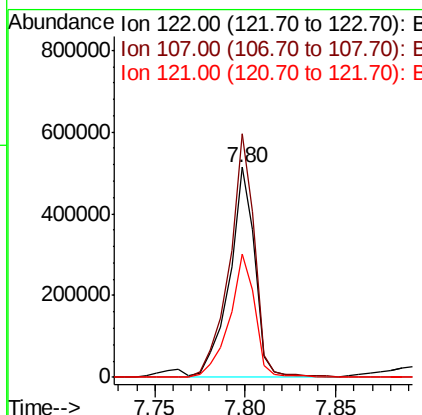
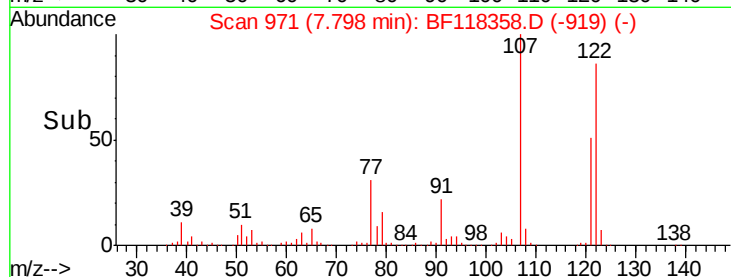
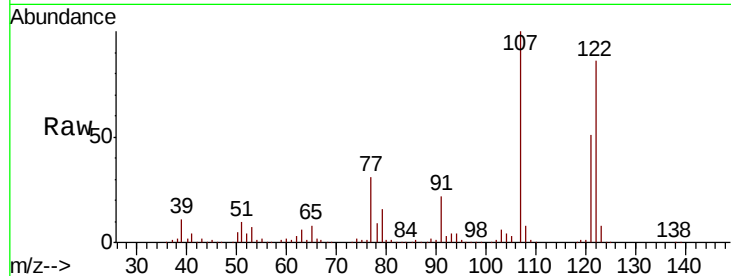




#27
2,4-Dimethylphenol
Concen: 50.609 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

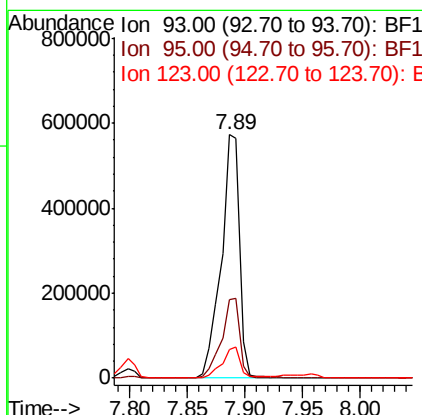
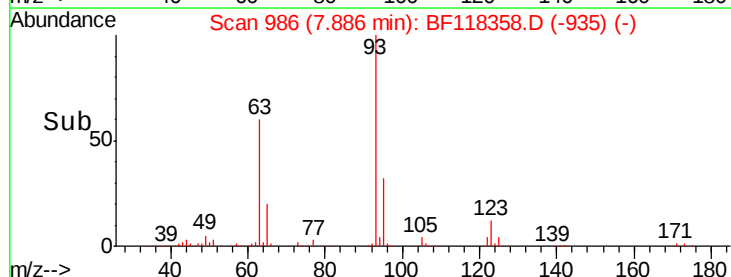
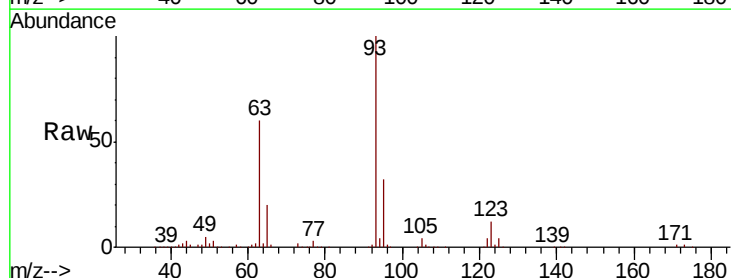
Instrument :
BNA_F
ClientSampleId :

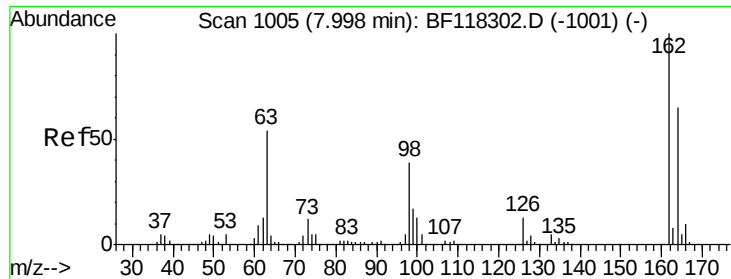
Tot Ion:122 Resp: 501310
Ion Ratio Lower Upper
122 100
107 116.0 92.9 139.3
121 58.8 47.9 71.9



#28
bis(2-Chloroethoxy)methane
Concen: 40.771 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion: 93 Resp: 635854
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.4
123 11.8 9.8 14.8

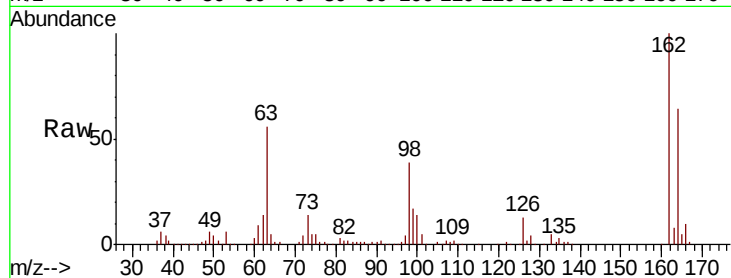




#29
 2,4-Dichlorophenol
 Concen: 42.354 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.1	85.1
98	39.5	18.6	58.6

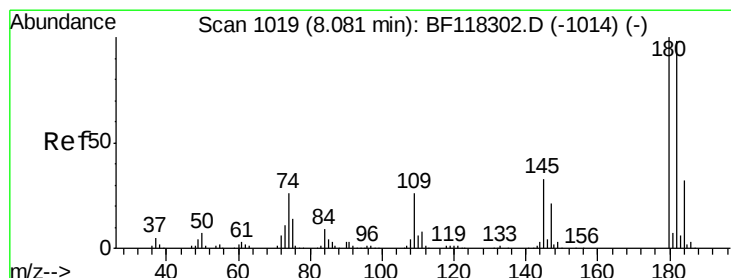
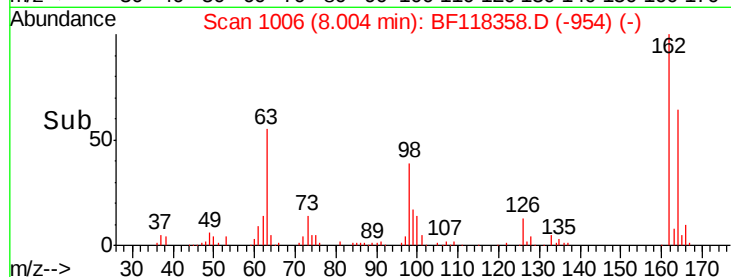
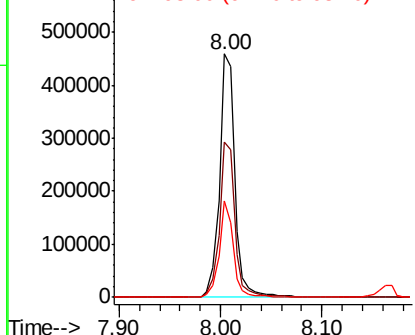


Abundance

Ion 162.00 (161.70 to 162.70): E

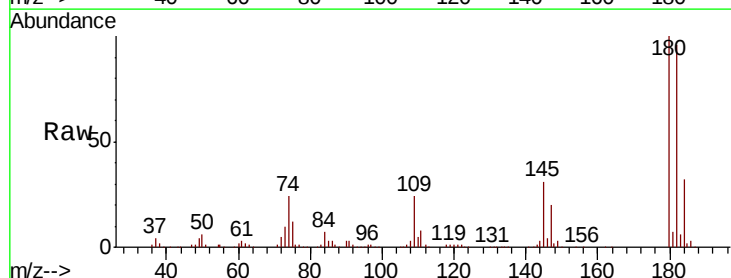
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.352 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.3	117.5
145	31.0	26.7	40.1

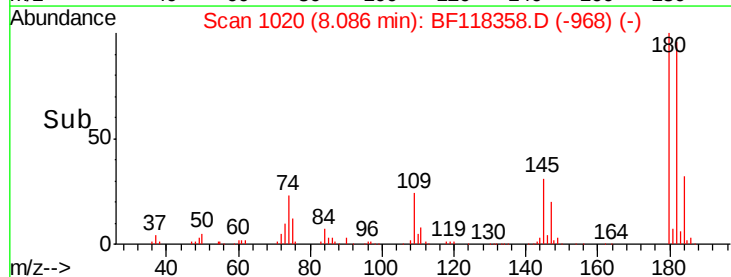
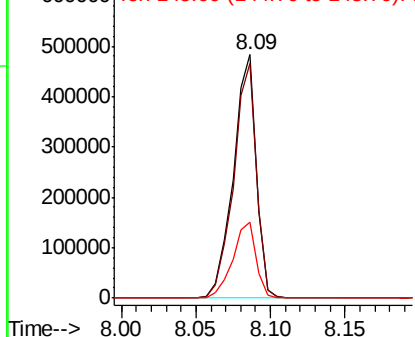


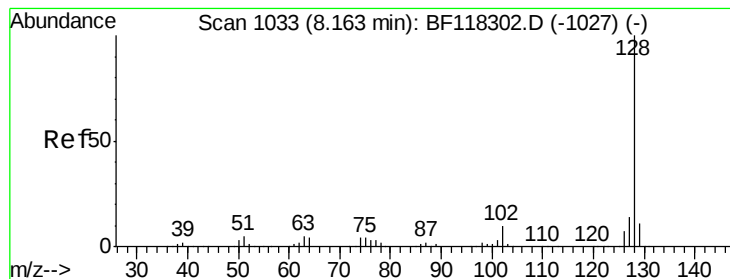
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.322 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

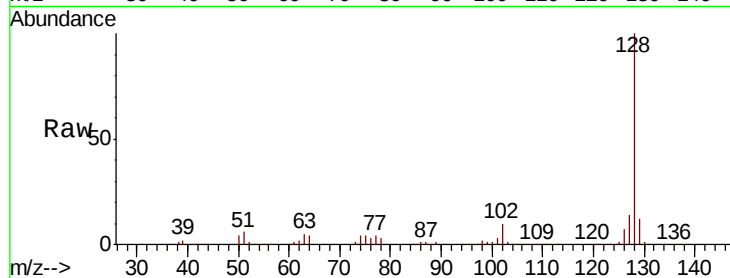
Tot Ion:128 Resp: 1643657

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

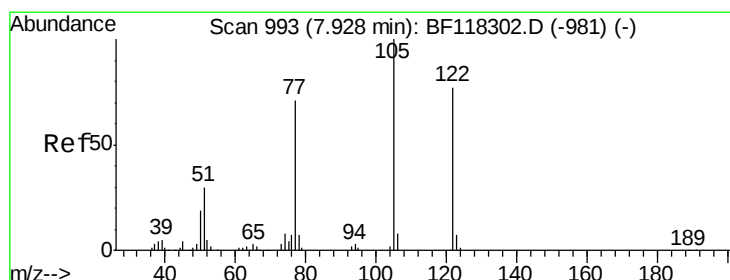
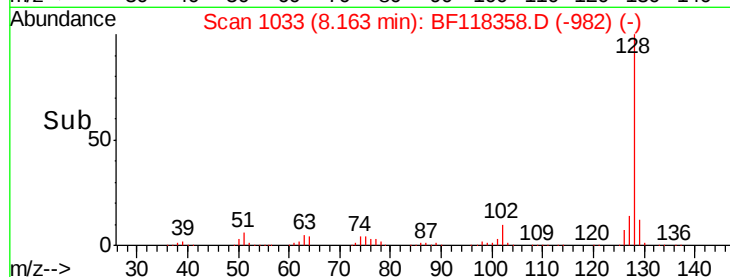
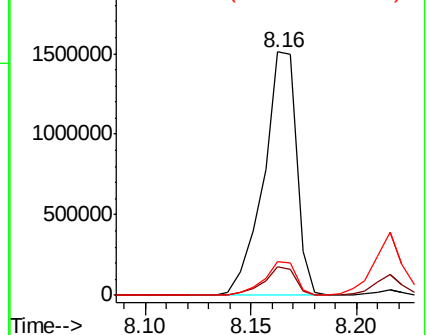
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.160 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.03 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

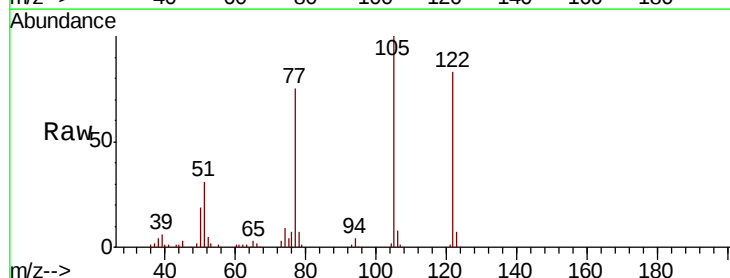
Tgt Ion:122 Resp: 327133

Ion Ratio Lower Upper

122 100

105 120.2 106.8 146.8

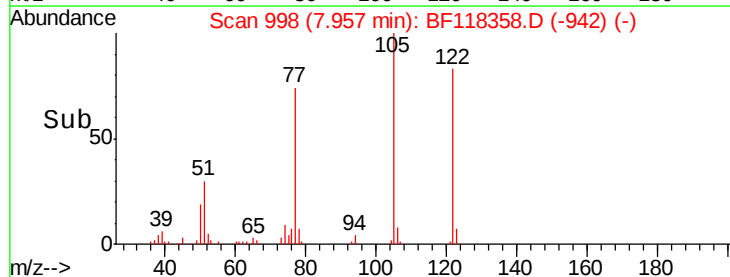
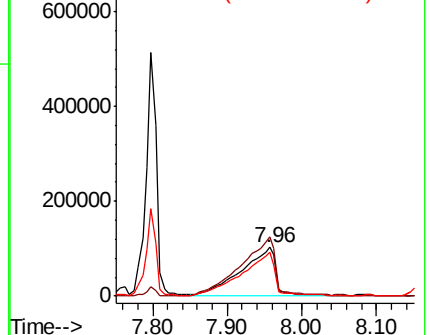
77 90.0 70.4 110.4

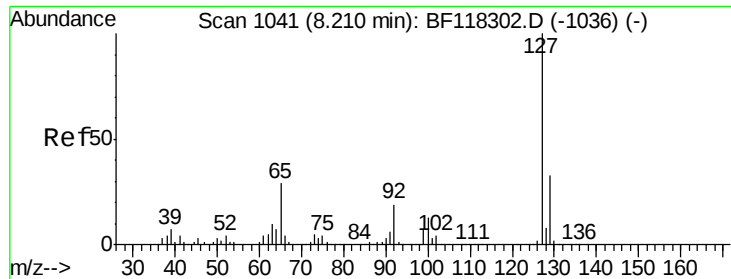


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

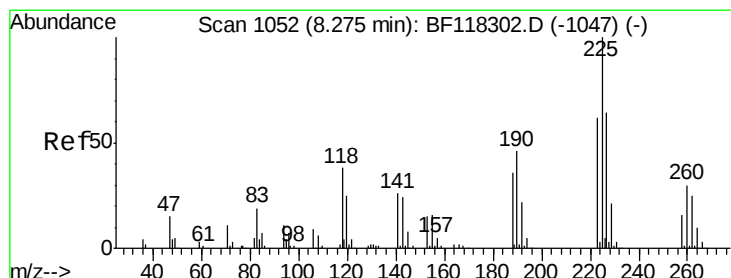
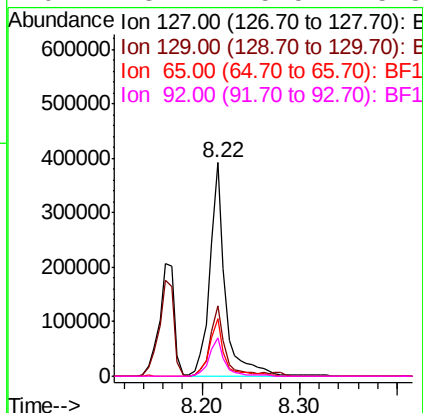
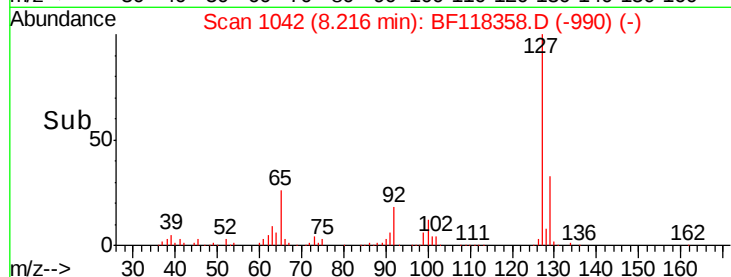
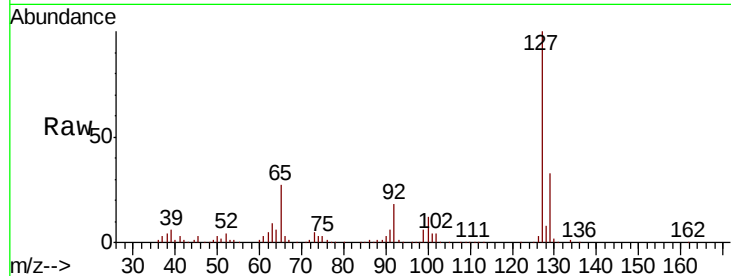




#33
4-Chloroaniline
Concen: 24.899 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

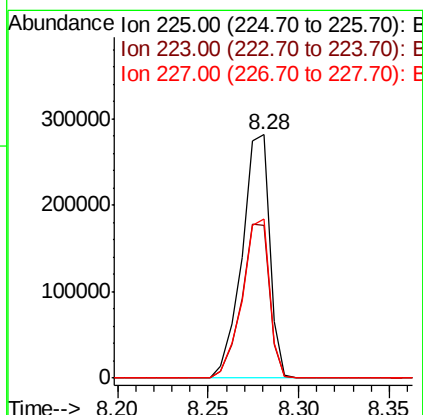
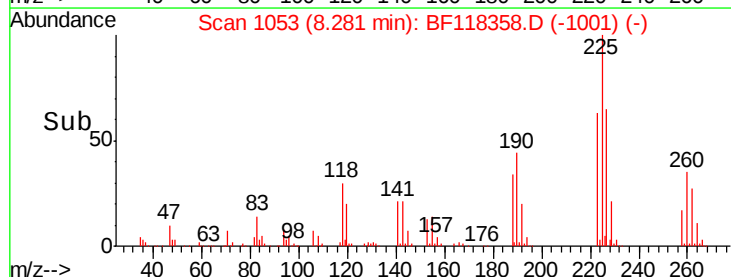
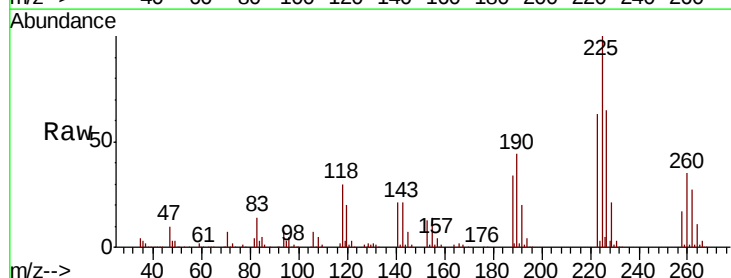
Instrument :
BNA_F
ClientSampleId :

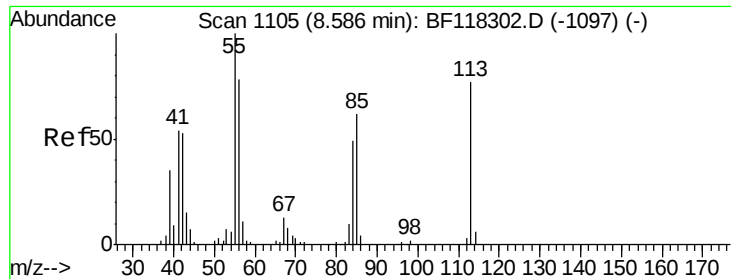
Tot Ion:	127	Resp:	424588
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	26.8	22.8	34.2
92	18.2	15.5	23.3



#34
Hexachlorobutadiene
Concen: 37.707 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:	225	Resp:	298106
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.5	74.3
227	65.4	51.0	76.4

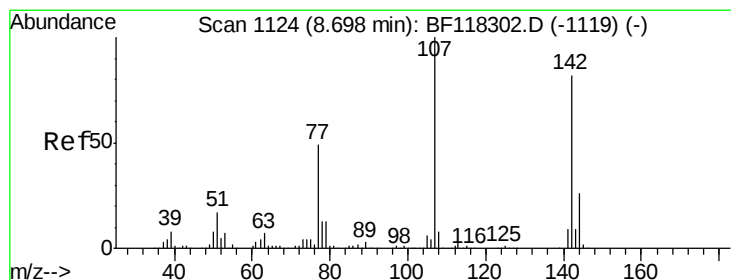
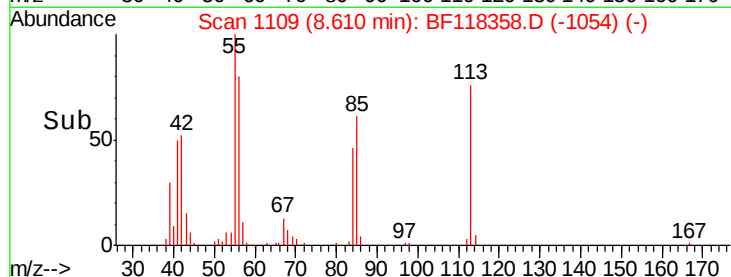
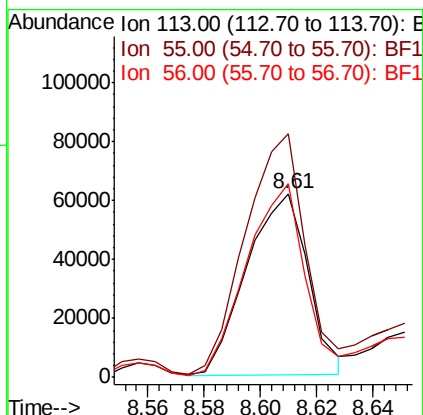
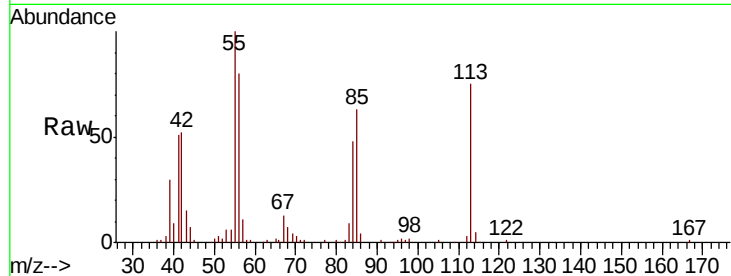




#35
 Caprolactam
 Concen: 26.196 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.02 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

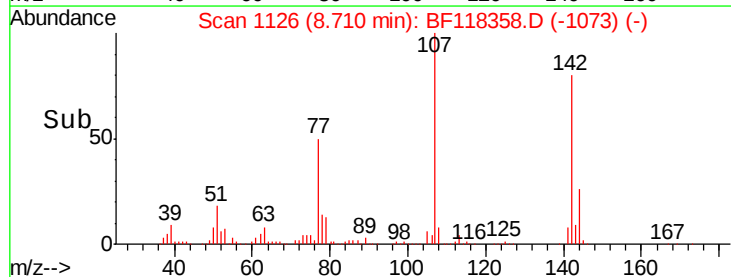
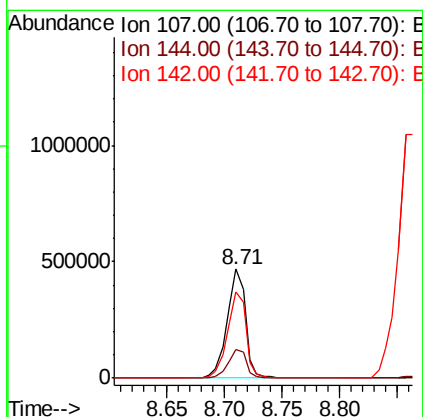
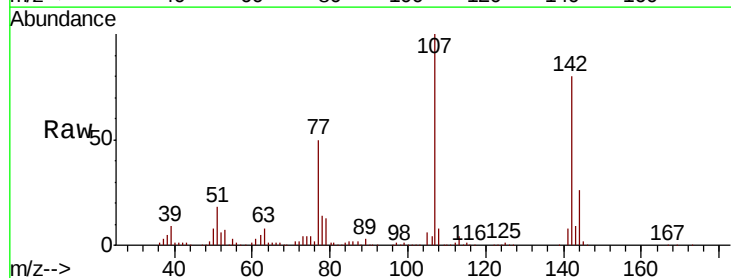
Instrument :
 BNA_F
 ClientSampleId :

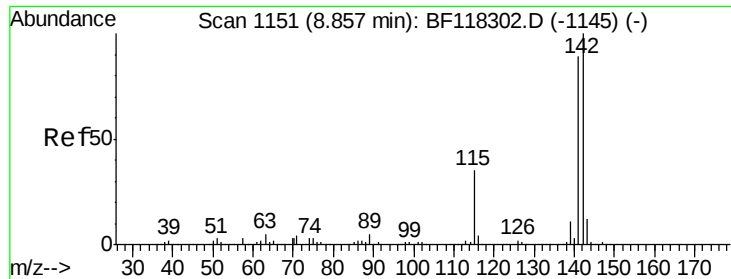
Tot Ion:113 Resp: 93246
 Ion Ratio Lower Upper
 113 100
 55 132.5 109.8 149.8
 56 105.6 81.7 121.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.507 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion:107 Resp: 520322
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.2 31.8
 142 79.5 65.4 98.2

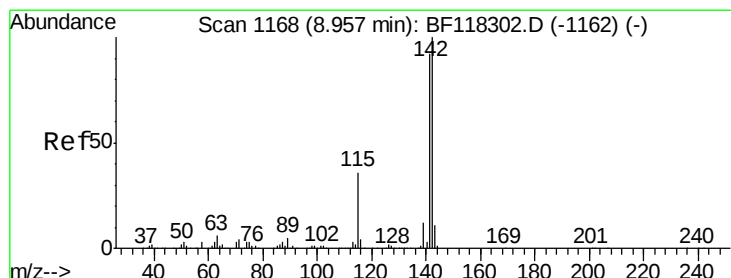
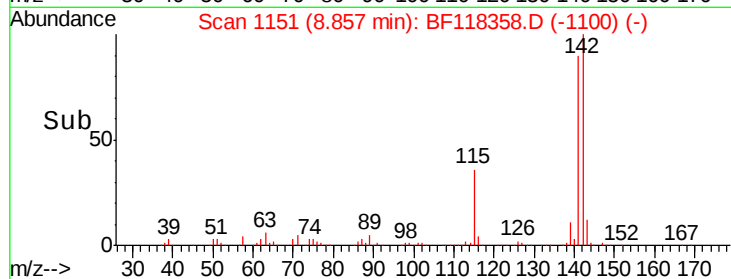
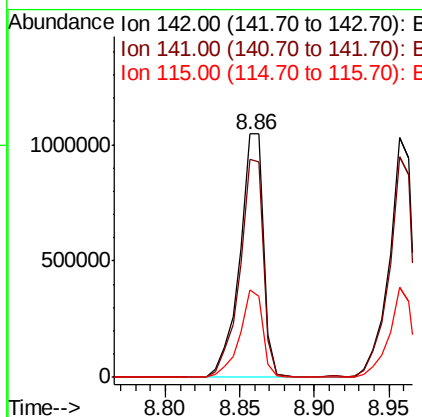
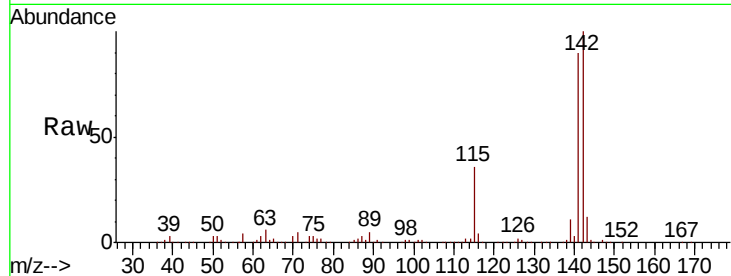




#37
2-Methylnaphthalene
Concen: 42.456 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

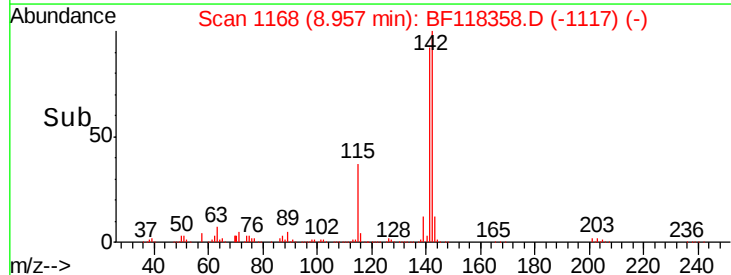
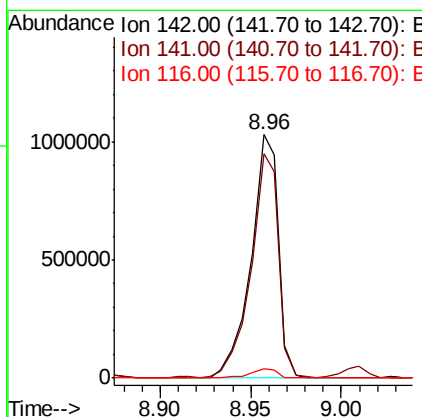
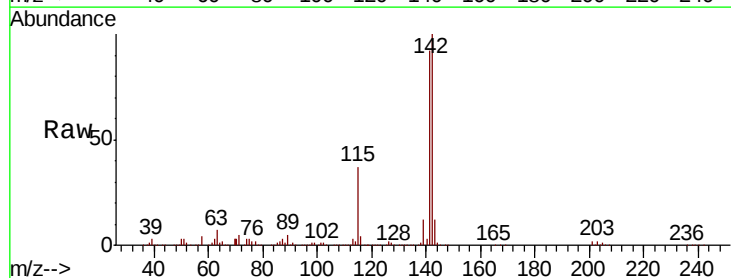
Instrument :
BNA_F
ClientSampleID :

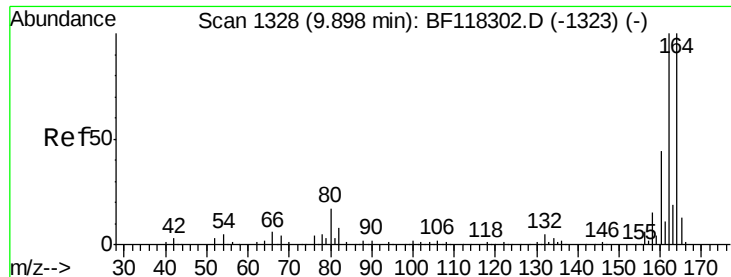
Tot Ion:142 Resp: 1156253
Ion Ratio Lower Upper
142 100
141 89.7 71.2 106.8
115 36.2 28.0 42.0



#38
1-Methylnaphthalene
Concen: 42.018 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:142 Resp: 1078111
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2
116 4.1 2.9 4.3

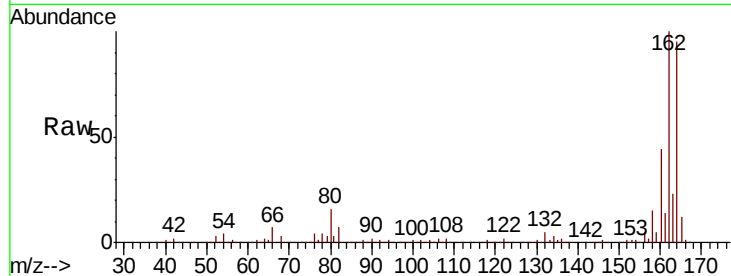




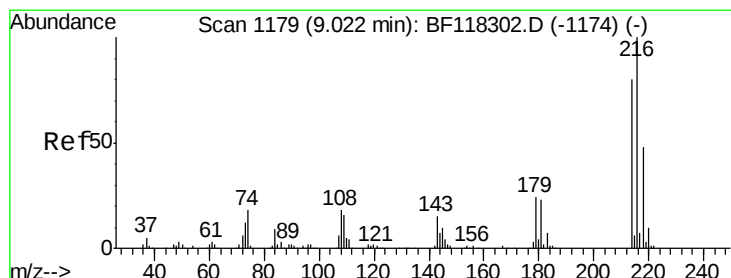
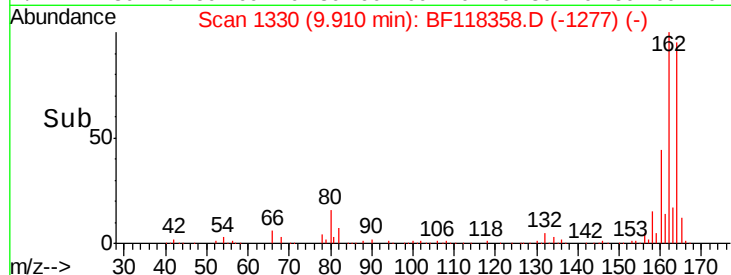
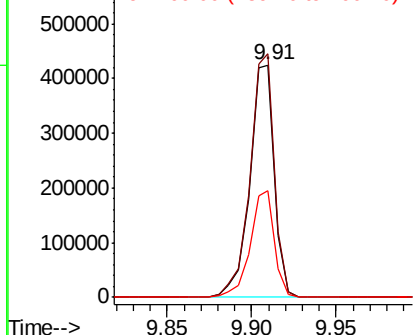
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 431713
Ion Ratio Lower Upper
164 100
162 104.7 80.0 120.0
160 46.1 34.8 52.2

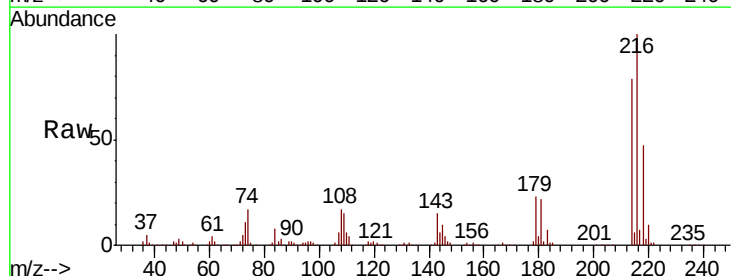


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

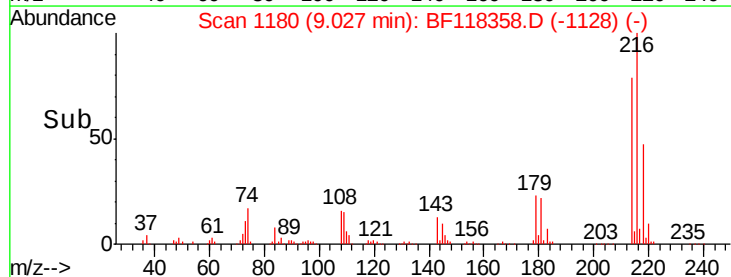
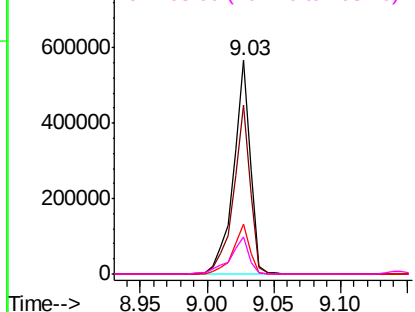


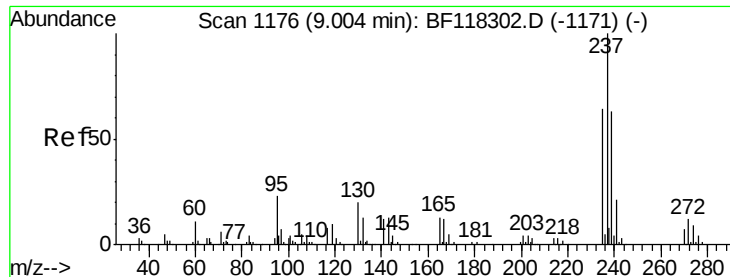
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.781 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:216 Resp: 503038
Ion Ratio Lower Upper
216 100
214 78.6 63.3 94.9
179 23.0 18.9 28.3
108 19.4 15.0 22.6



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

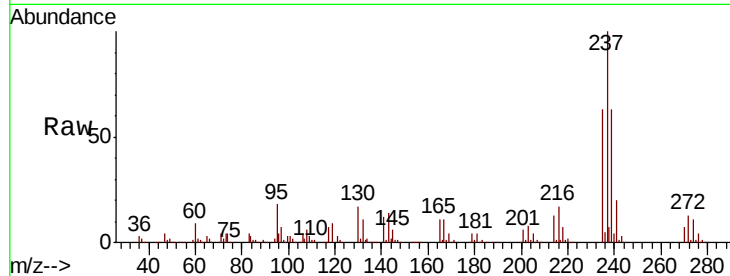




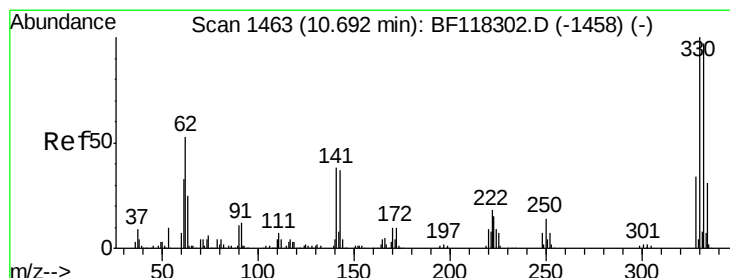
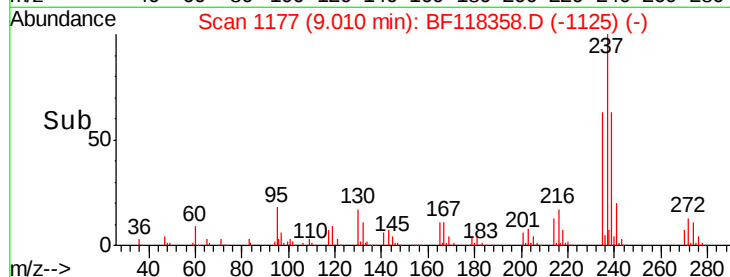
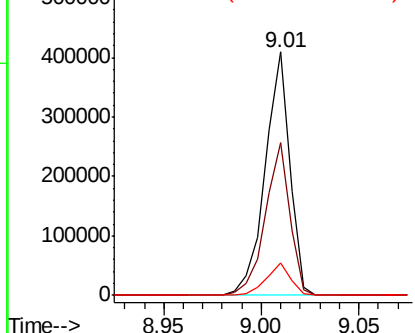
#41
Hexachlorocyclopentadiene
Concen: 67.260 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.8	83.8
272	13.4	0.0	31.7

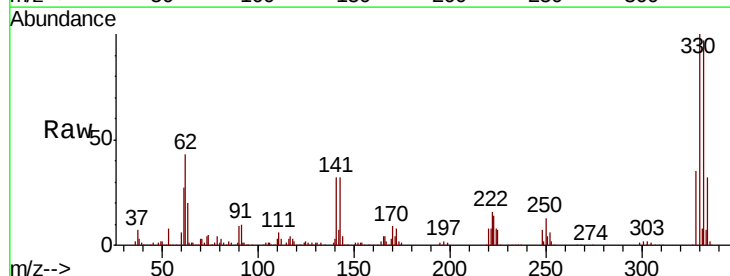


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

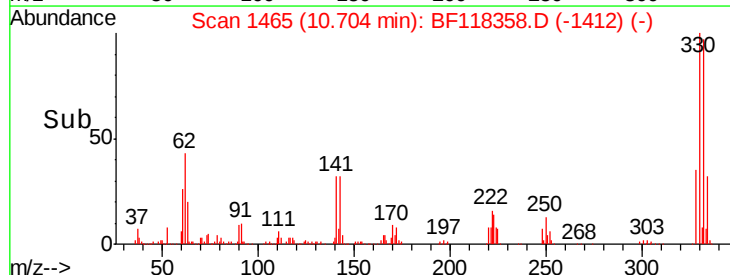
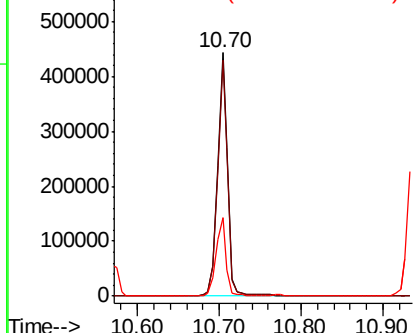


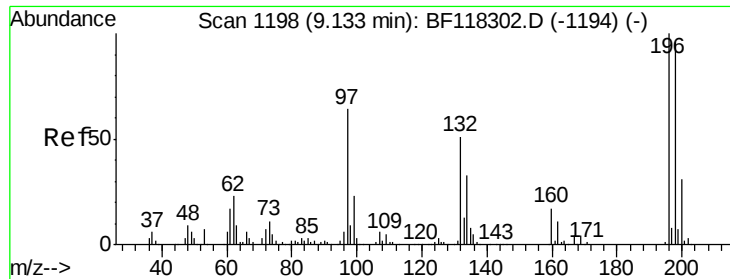
#42
2,4,6-Tribromophenol
Concen: 72.748 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	31.7	26.0	39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

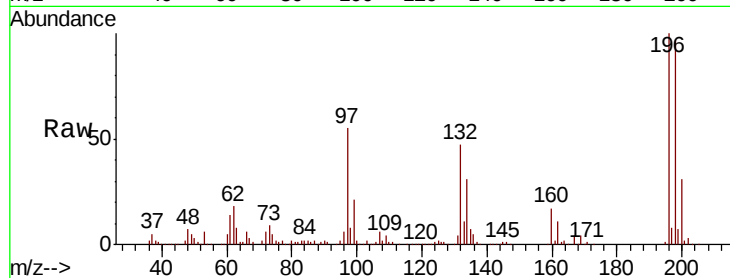




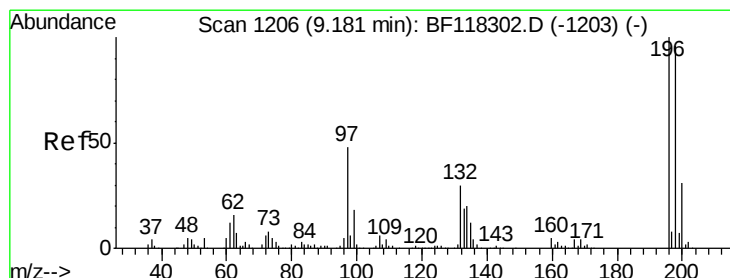
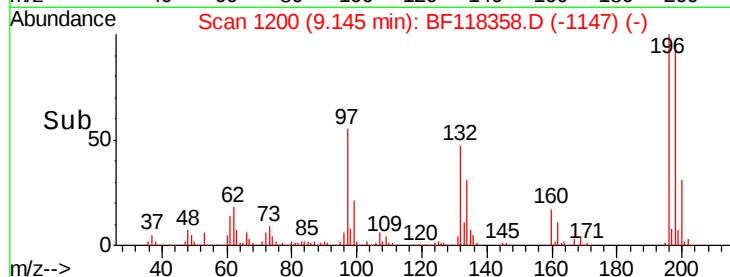
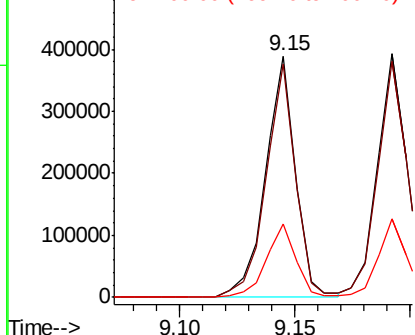
#43
 2,4,6-Trichlorophenol
 Concen: 40.469 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 350690
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.7 115.1
 200 30.6 24.8 37.2

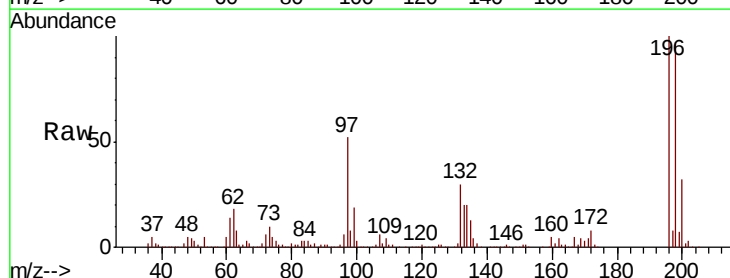


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

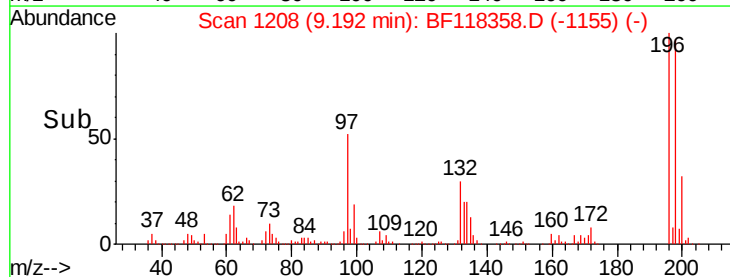
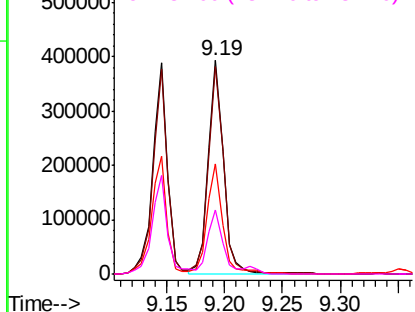


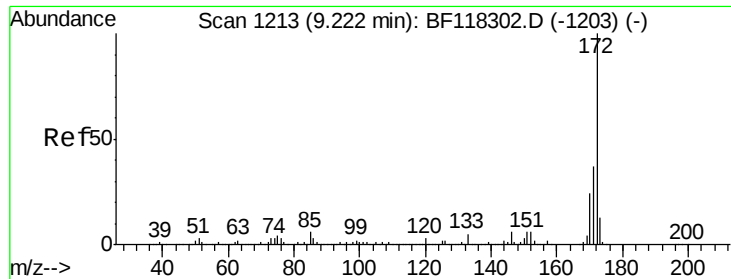
#44
 2,4,5-Trichlorophenol
 Concen: 40.646 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion:196 Resp: 362329
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.0 115.4
 97 51.6 38.9 58.3
 132 29.9 23.9 35.9



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





#45

2-Fluorobiphenyl

Concen: 82.307 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampled :

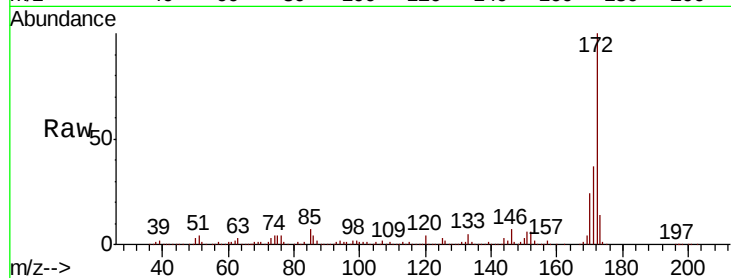
Tot Ion:172 Resp: 2327792

Ion Ratio Lower Upper

172 100

171 36.9 29.3 43.9

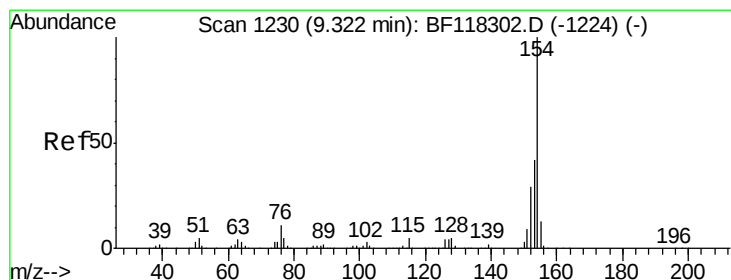
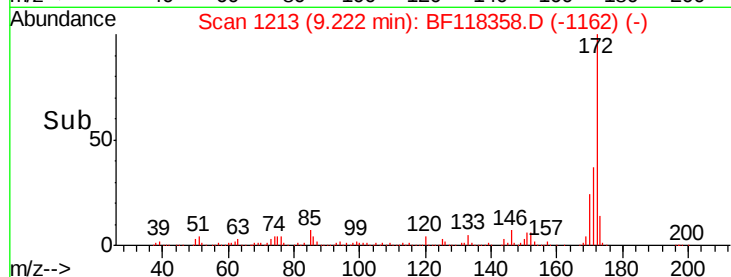
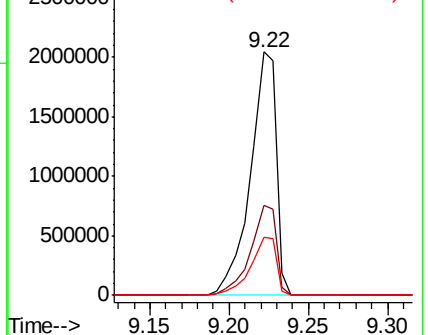
170 23.8 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.740 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

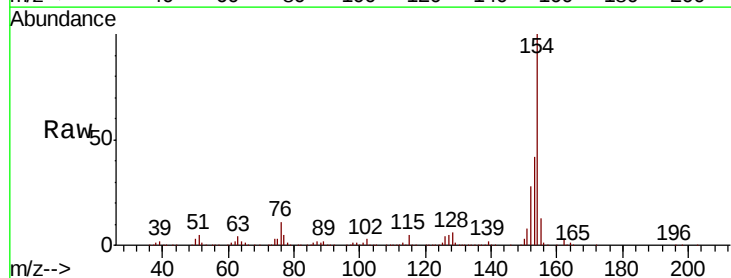
Tgt Ion:154 Resp: 1356956

Ion Ratio Lower Upper

154 100

153 42.0 21.8 61.8

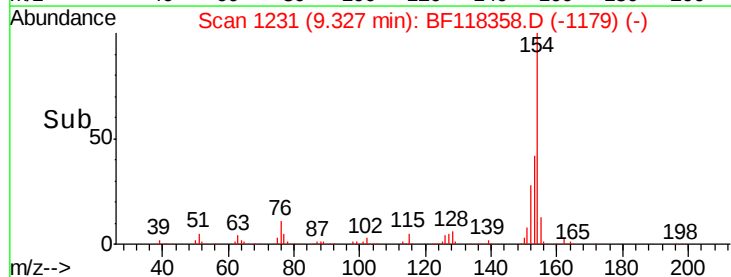
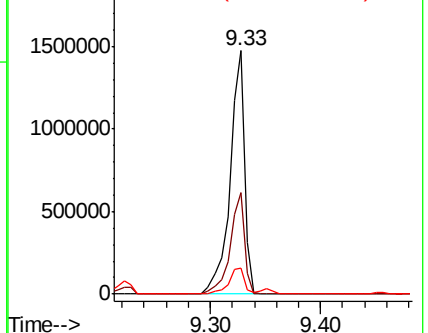
76 10.9 0.0 30.9

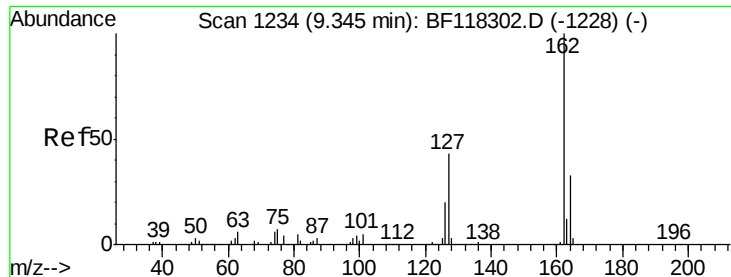


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

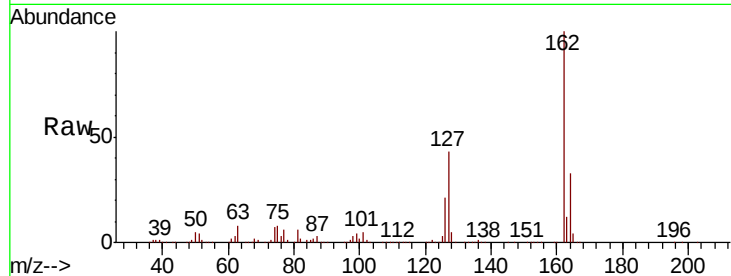




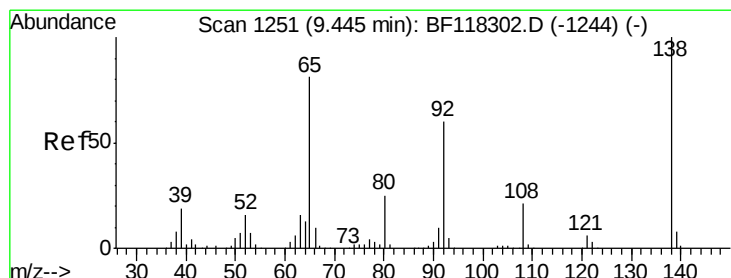
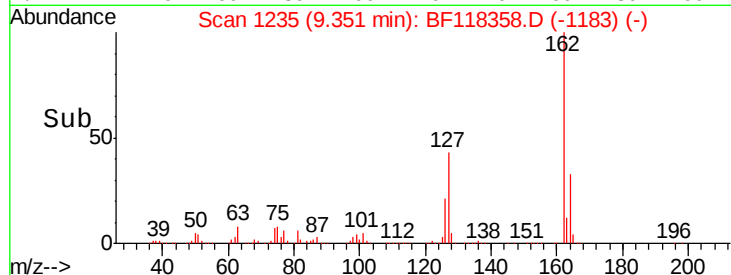
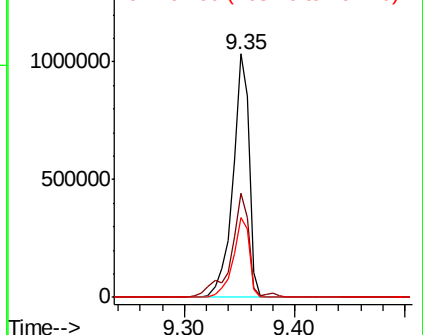
#47
2-Chloronaphthalene
Concen: 38.683 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1063082
Ion Ratio Lower Upper
162 100
127 42.7 35.0 52.4
164 32.8 26.6 40.0

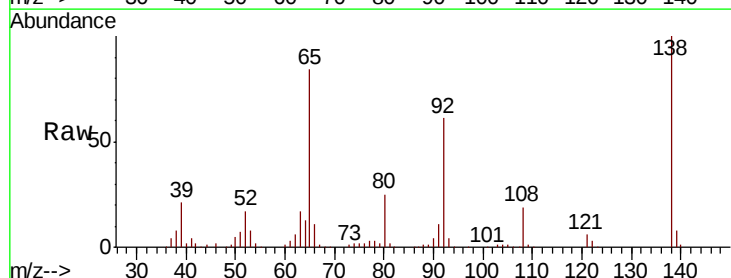


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

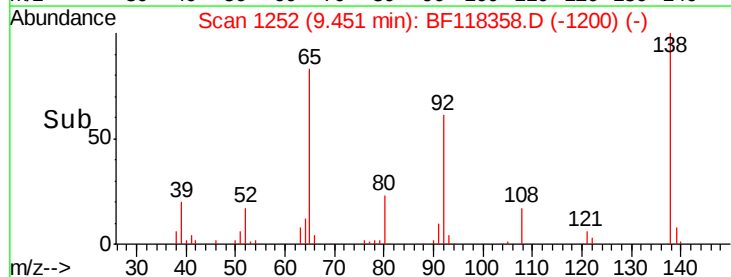
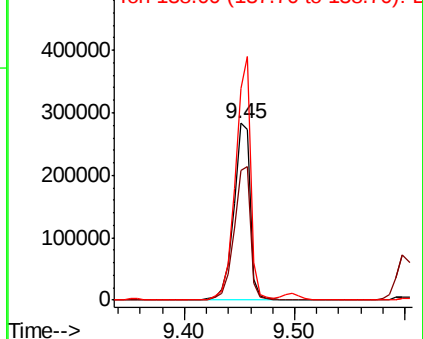


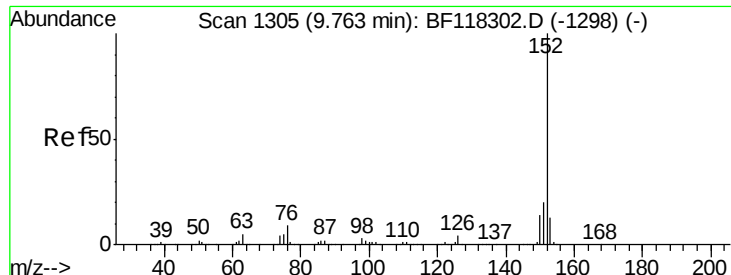
#48
2-Nitroaniline
Concen: 38.323 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion: 65 Resp: 297483
Ion Ratio Lower Upper
65 100
92 73.4 58.7 88.1
138 119.6 98.5 147.7



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

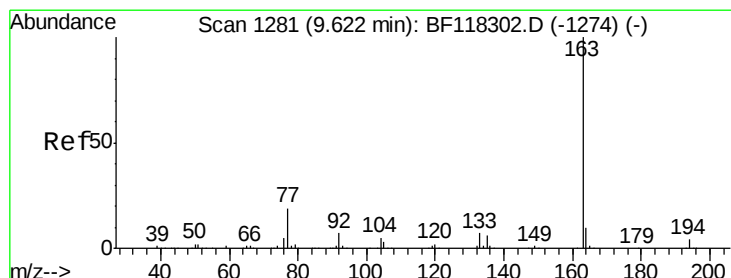
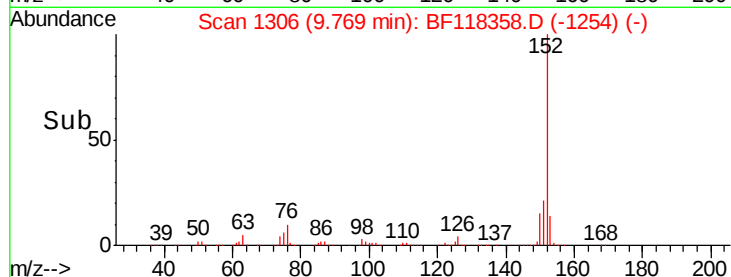
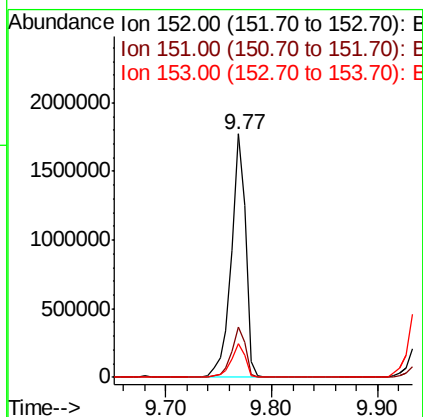
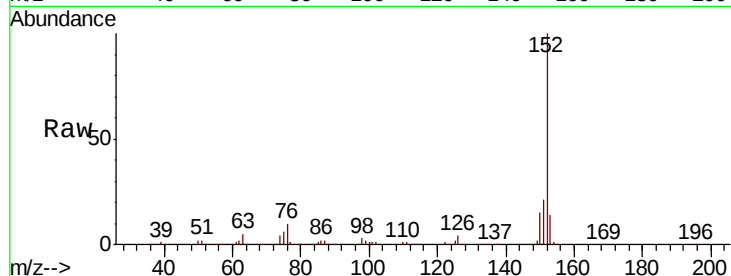




#49
 Acenaphthylene
 Concen: 40.322 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

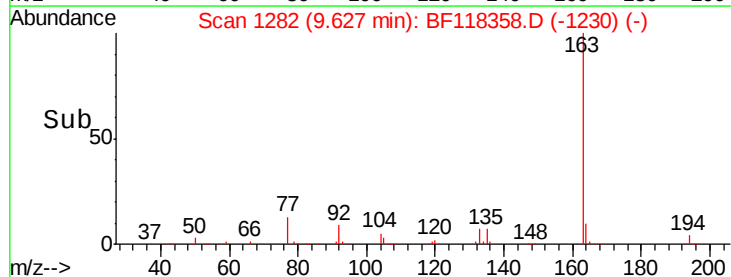
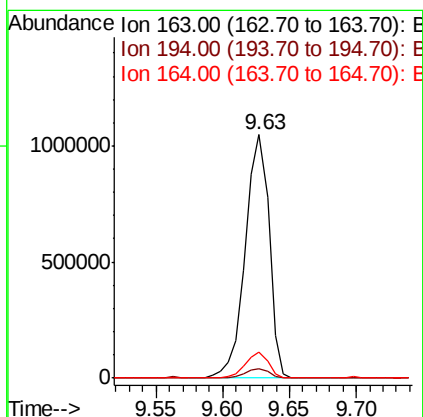
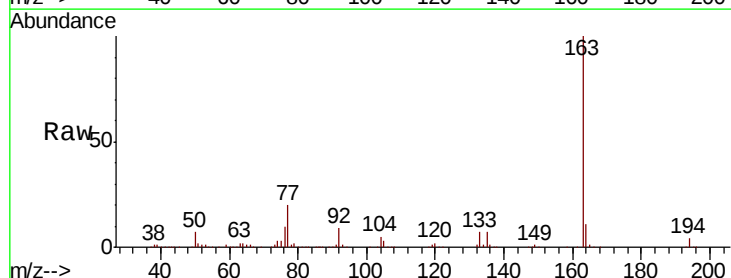
Instrument :
 BNA_F
 ClientSampleId :

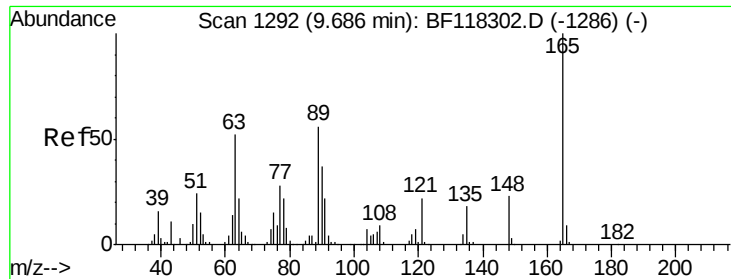
Tot Ion:152 Resp: 1643451
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.2 24.2
 153 13.6 10.5 15.7



#50
 Dimethylphthalate
 Concen: 39.843 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion:163 Resp: 1291157
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.2 4.8
 164 10.6 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 40.583 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

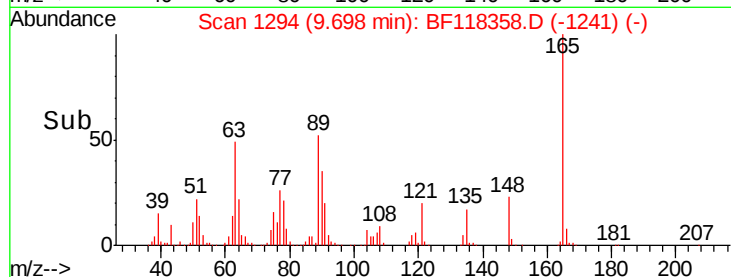
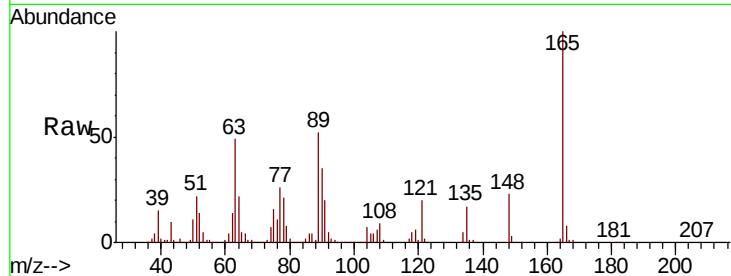
Tot Ion:165 Resp: 283530

Ion Ratio Lower Upper

165 100

63 49.1 42.2 63.4

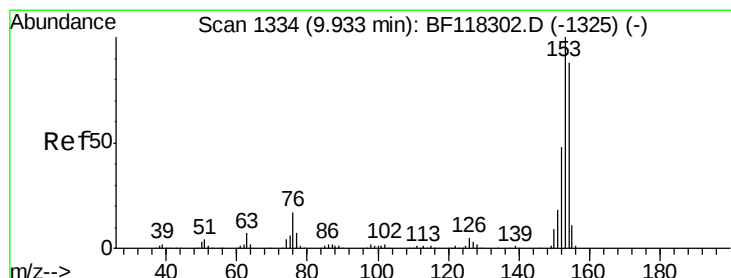
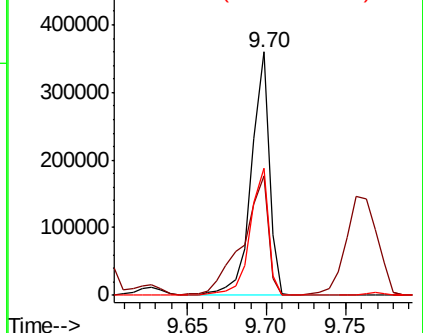
89 52.1 44.4 66.6



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: 39.588 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

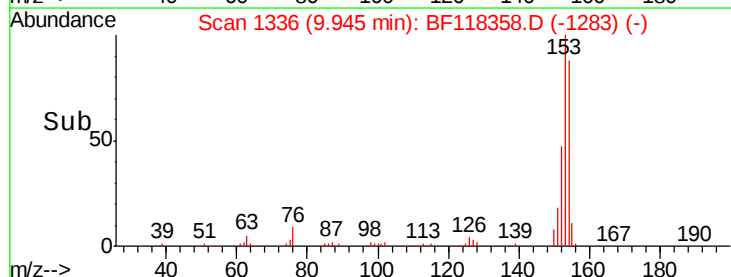
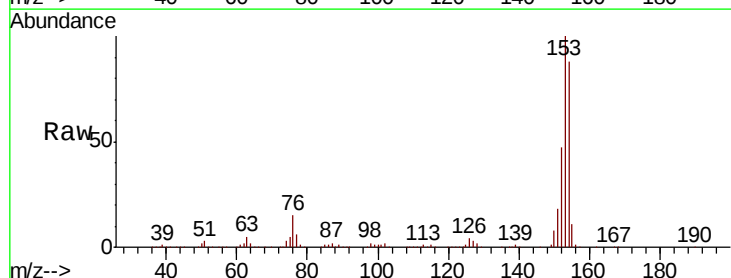
Tgt Ion:154 Resp: 982825

Ion Ratio Lower Upper

154 100

153 113.5 90.6 136.0

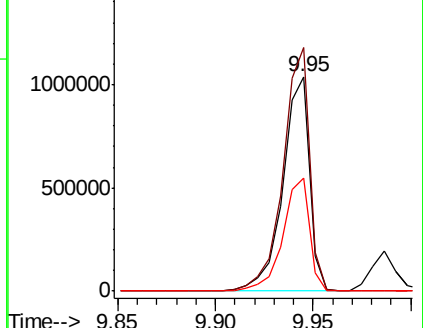
152 52.8 43.1 64.7

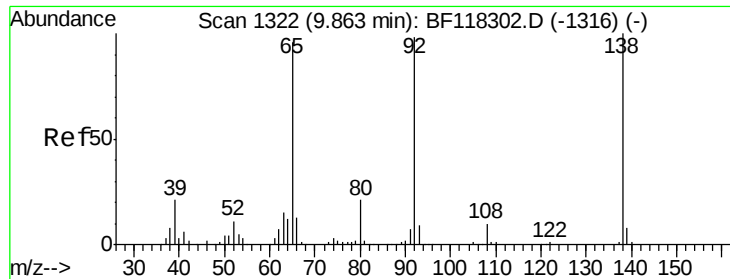


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

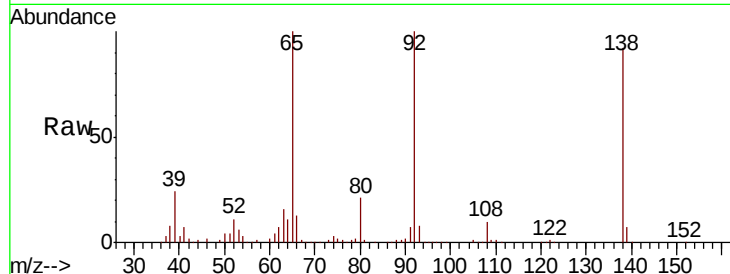




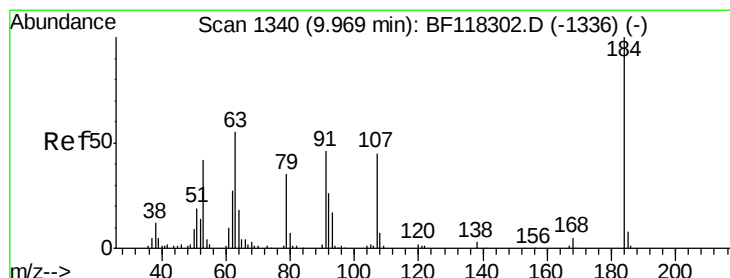
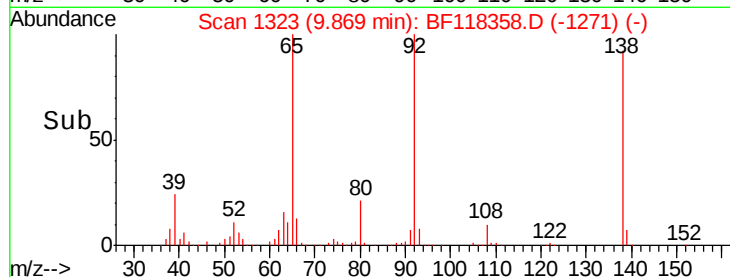
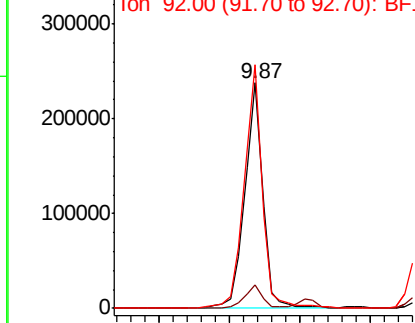
#53
3-Nitroaniline
Concen: 25.918 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 212527
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.8
92 108.1 78.2 117.2

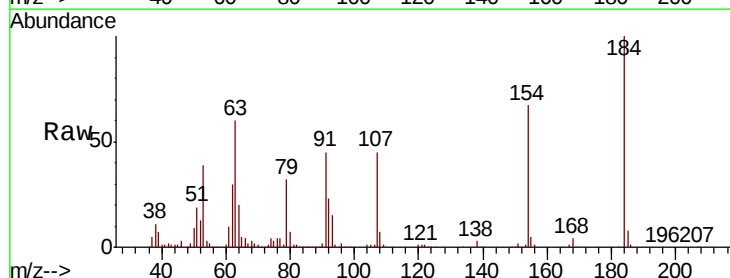


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

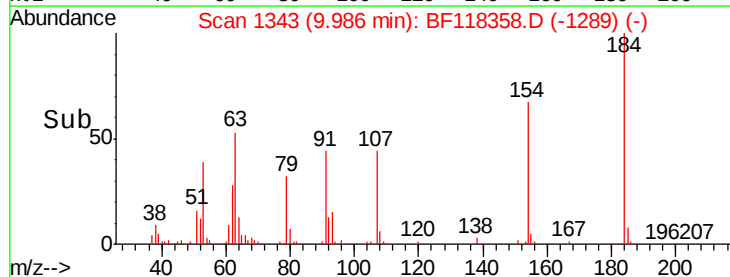
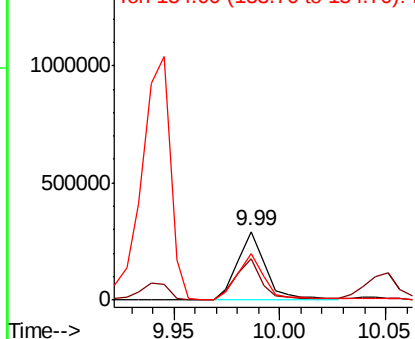


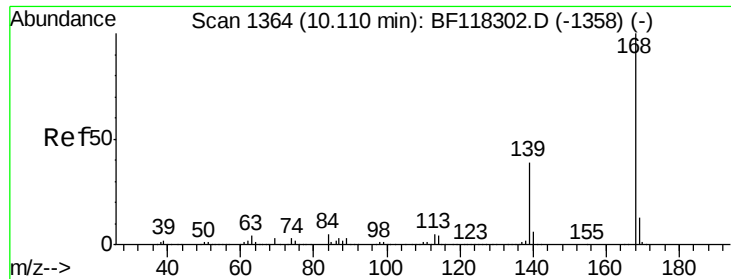
#54
2,4-Dinitrophenol
Concen: 77.921 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:184 Resp: 273978
Ion Ratio Lower Upper
184 100
63 60.4 48.8 73.2
154 67.1 55.0 82.4



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

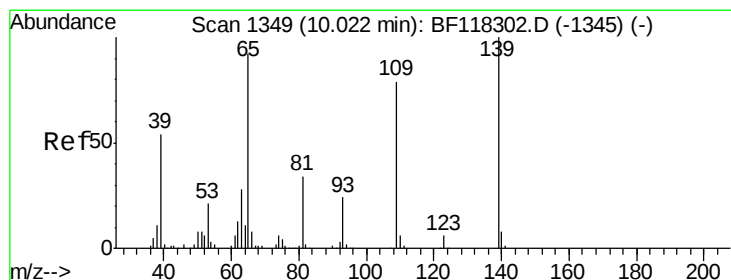
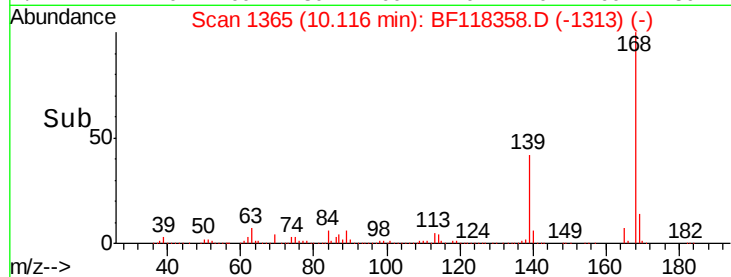
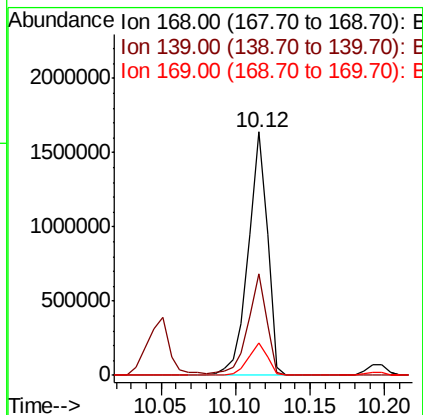
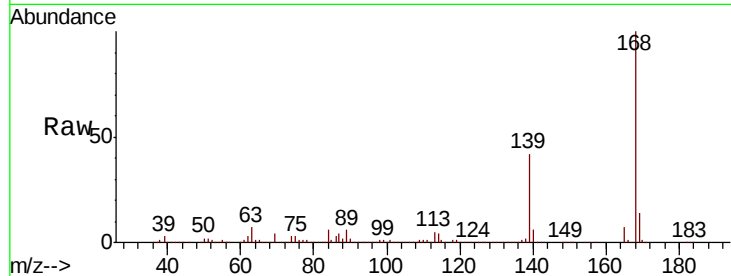




#55
Dibenzofuran
Concen: 39.710 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

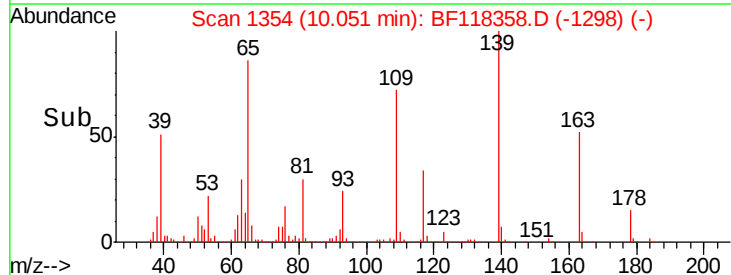
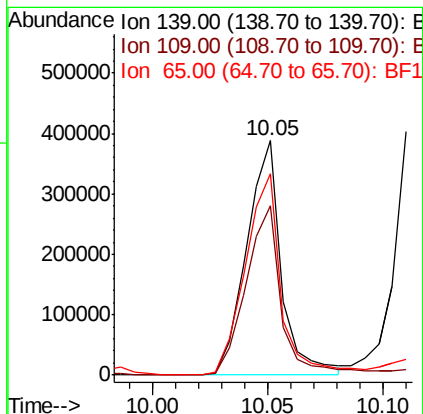
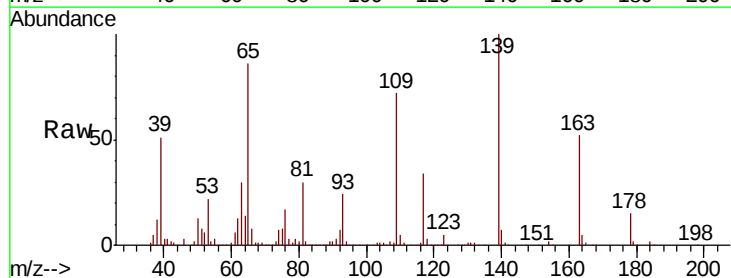
Instrument :
BNA_F
ClientSampleId :

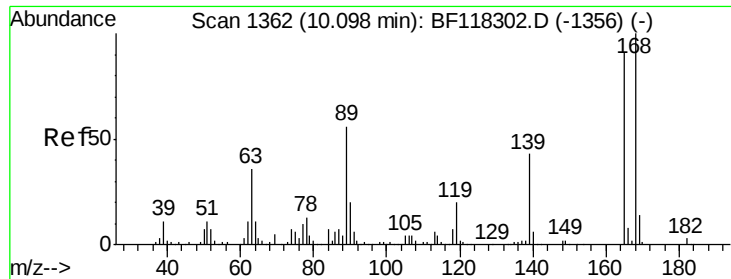
Tot Ion:168 Resp: 1456698
Ion Ratio Lower Upper
168 100
139 41.9 31.5 47.3
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 80.621 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.03 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:139 Resp: 408123
Ion Ratio Lower Upper
139 100
109 72.0 59.3 99.3
65 86.0 72.4 112.4

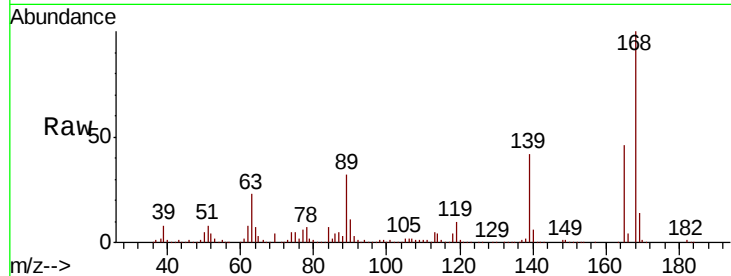




#57
2,4-Dinitrotoluene
Concen: 40.263 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	32.0	48.0#
89	71.2	49.3	73.9
182	2.9	2.4	3.6



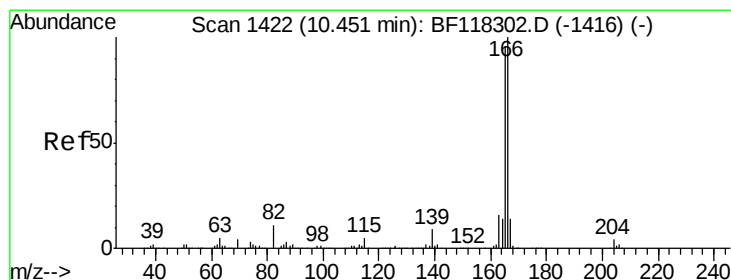
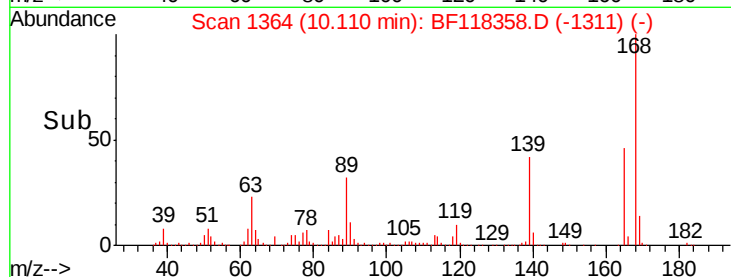
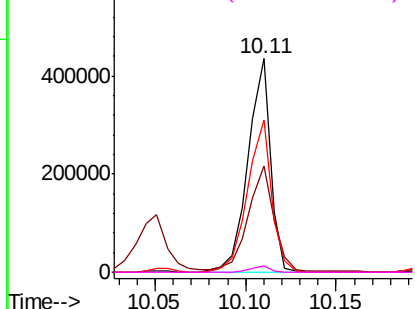
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

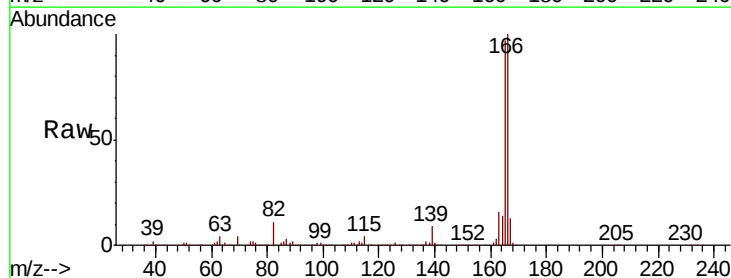
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.545 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.0	115.4
167	13.3	10.9	16.3

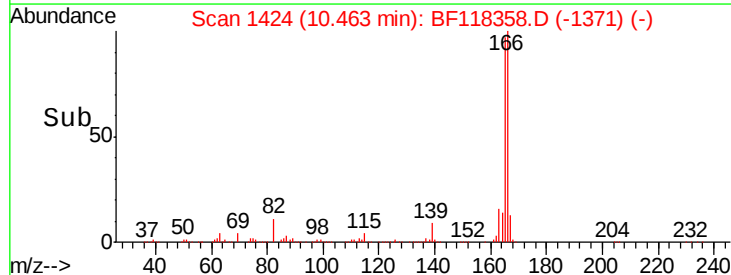
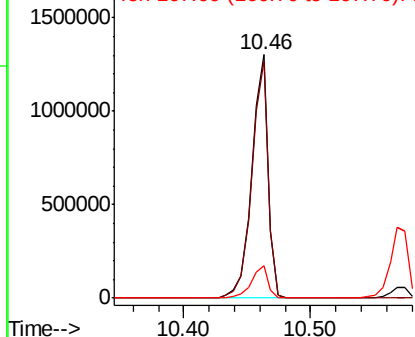


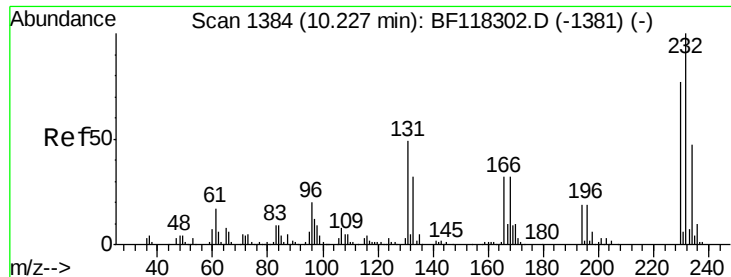
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.595 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 315051

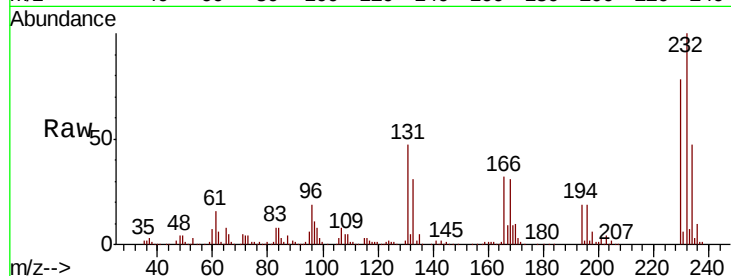
Ion Ratio Lower Upper

232 100

131 45.7 37.7 56.5

130 2.4 2.0 3.0

166 30.4 24.7 37.1

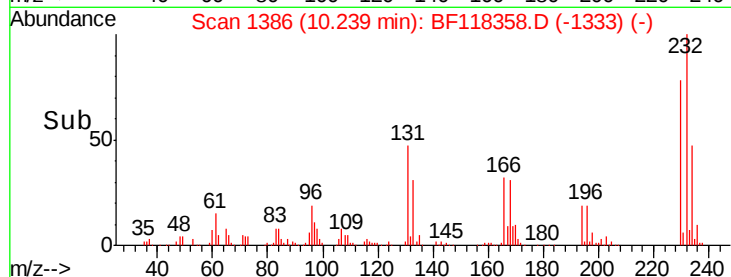


Abundance Ion 232.00 (231.70 to 232.70): E

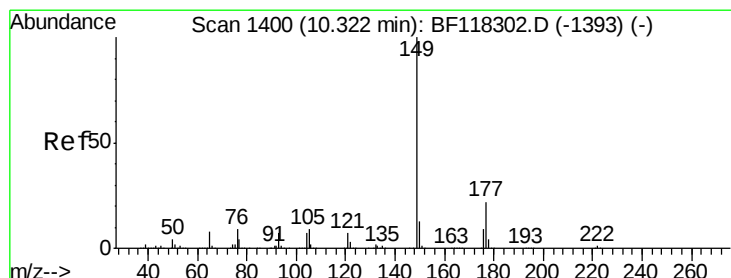
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 40.039 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

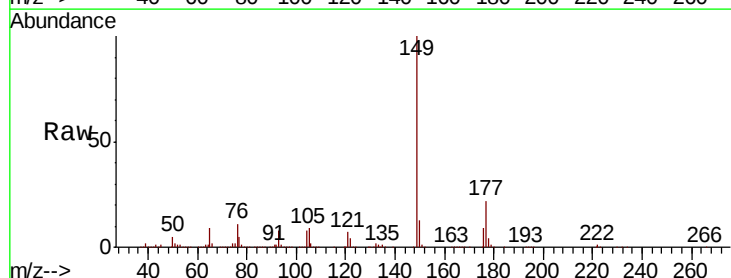
Tgt Ion:149 Resp: 1283633

Ion Ratio Lower Upper

149 100

177 21.7 17.9 26.9

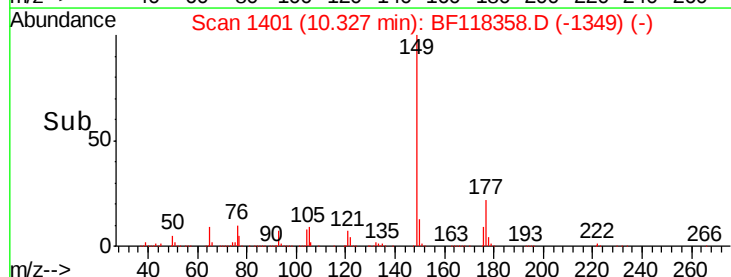
150 13.0 10.2 15.2



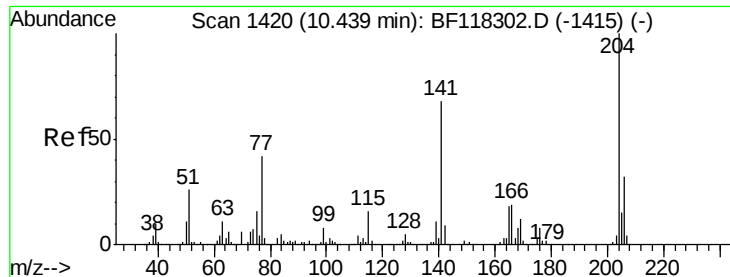
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



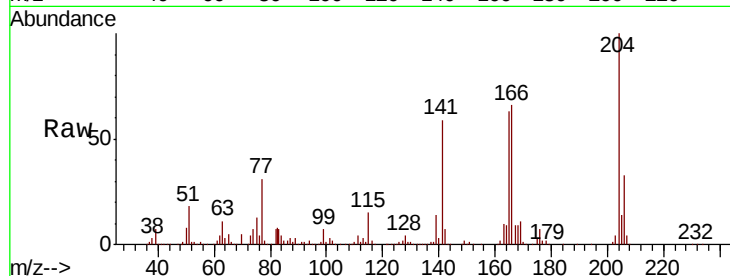
Time-->



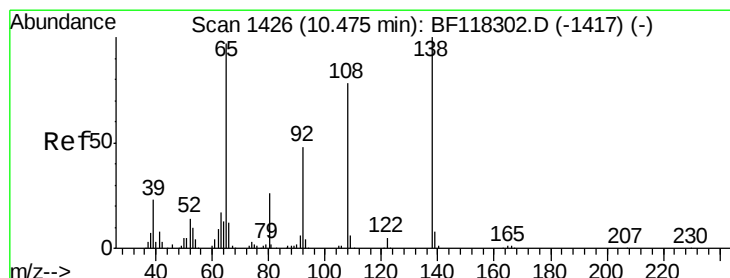
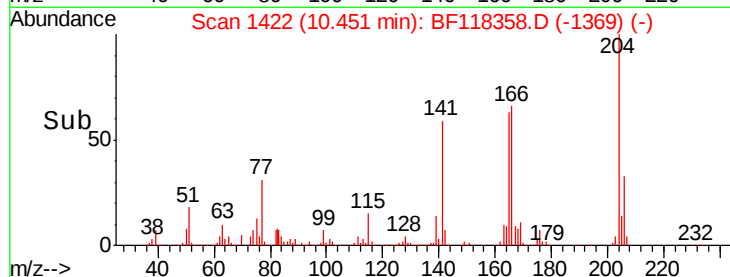
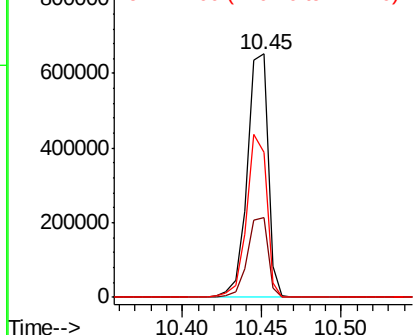
#61
4-Chlorophenyl-phenylether
Concen: 40.063 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 592243
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 59.4 54.2 81.4

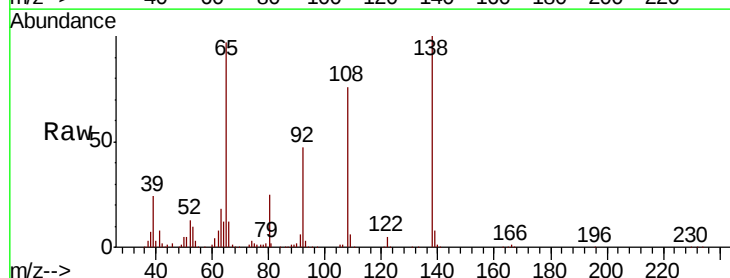


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

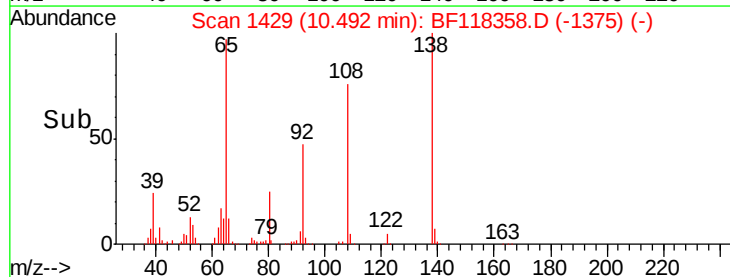
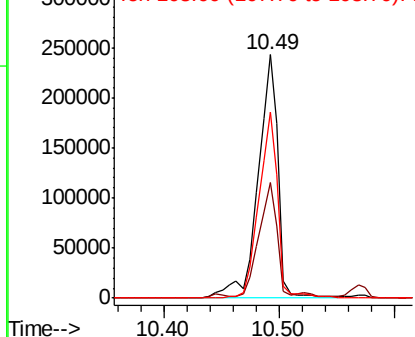


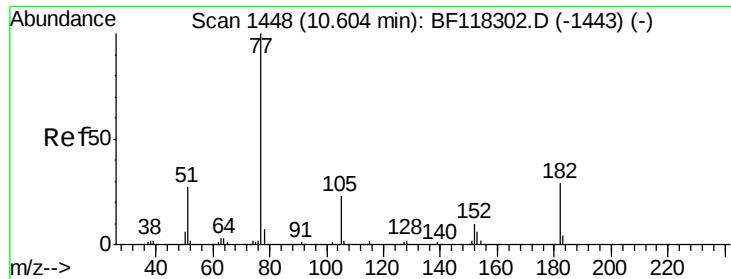
#62
4-Nitroaniline
Concen: 34.589 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:138 Resp: 294652
Ion Ratio Lower Upper
138 100
92 47.4 27.9 67.9
108 76.3 58.1 98.1



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: 40.229 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

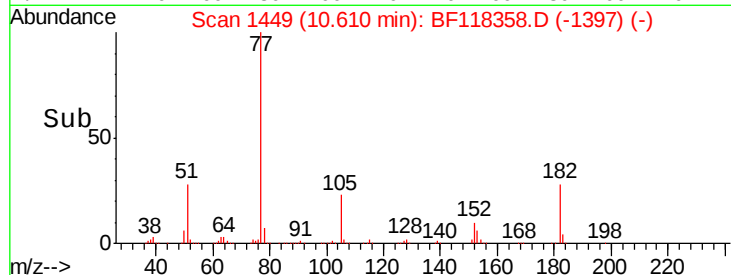
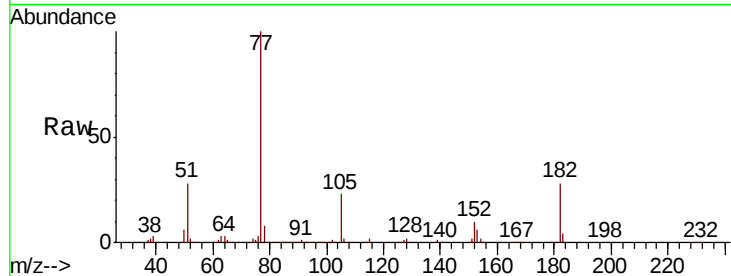
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1104698

Ion	Ratio	Lower	Upper
77	100		
182	27.6	9.2	49.2
105	23.1	3.2	43.2
51	27.8	7.1	47.1

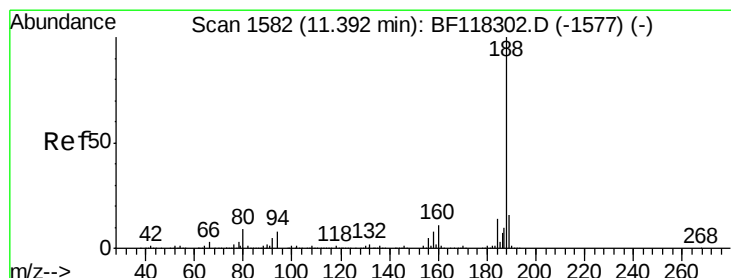


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

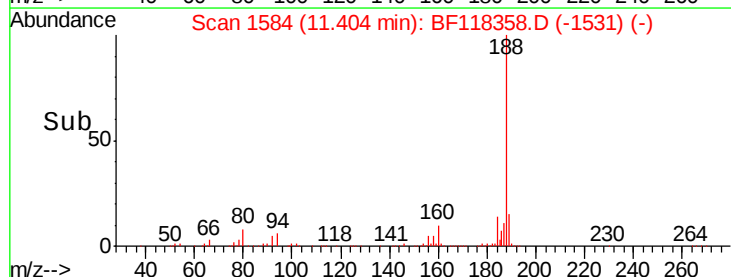
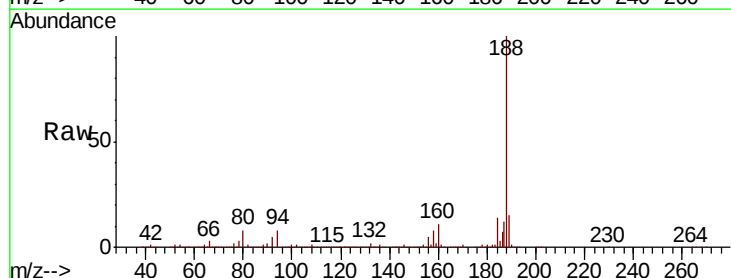
Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Tgt Ion: 188 Resp: 810146

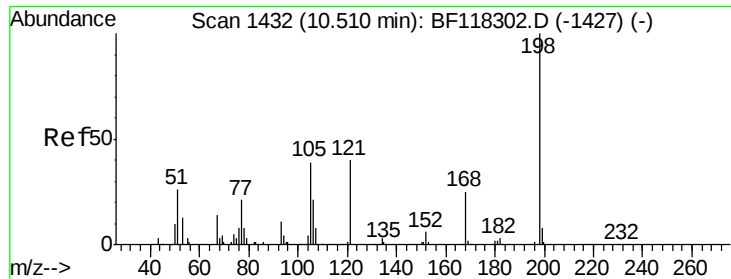
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.1	7.2	10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 46.295 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

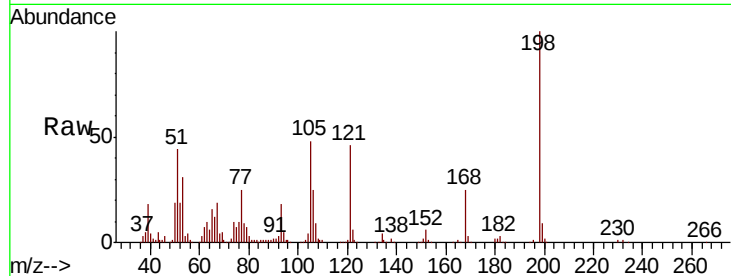
Tot Ion:198 Resp: 202329

Ion Ratio Lower Upper

198 100

51 43.8 12.8 52.8

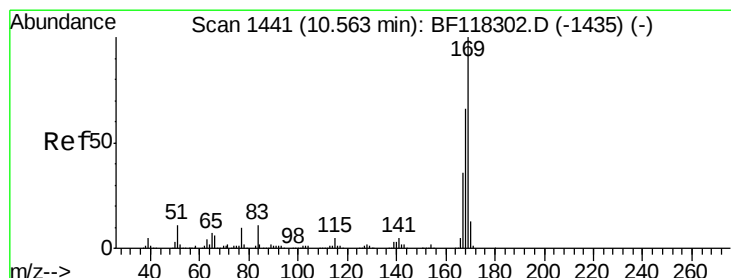
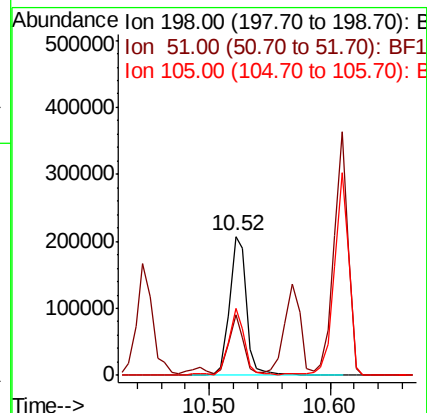
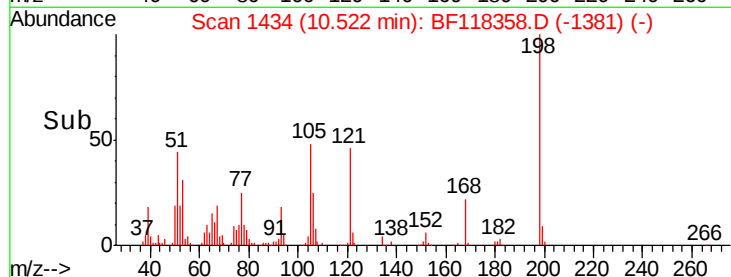
105 47.9 20.3 60.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.722 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

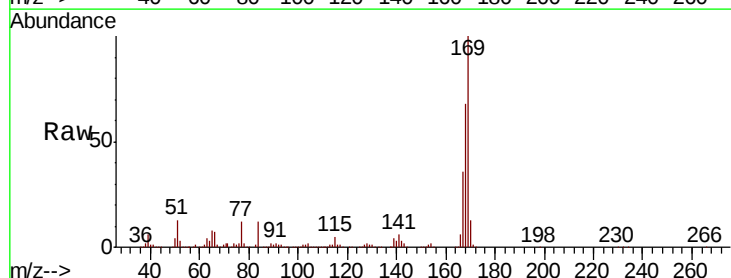
Tgt Ion:169 Resp: 1057345

Ion Ratio Lower Upper

169 100

168 67.6 52.6 79.0

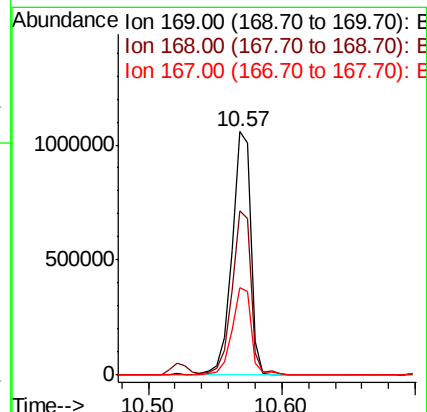
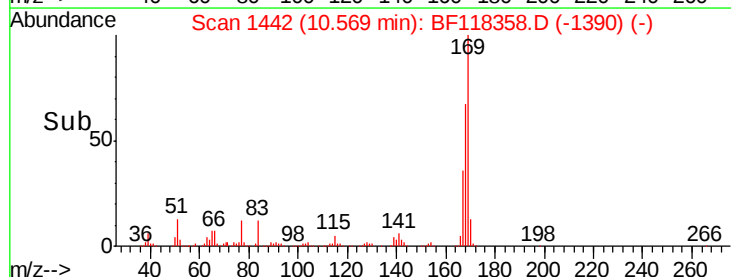
167 35.7 28.4 42.6

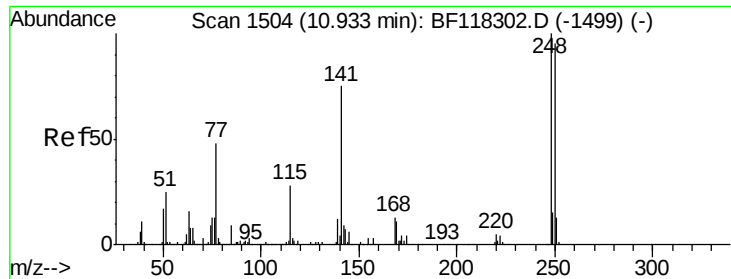


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

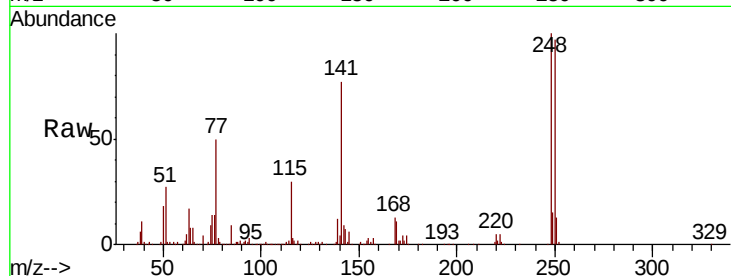




#67
4-Bromophenyl-phenylether
Concen: 39.398 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.4	114.6
141	77.1	60.2	90.2

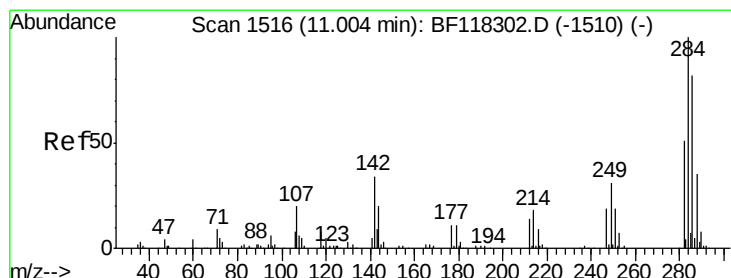
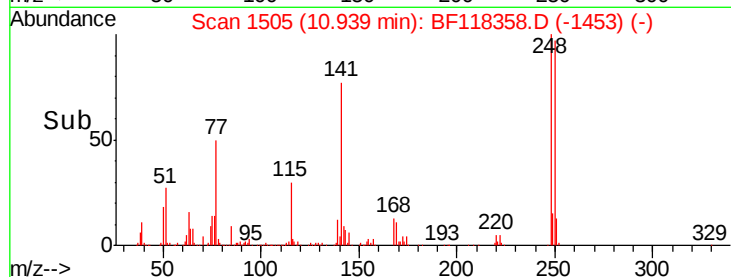
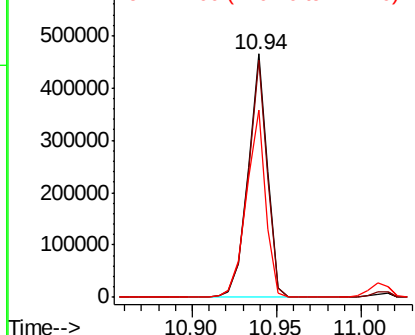


Abundance

Ion 248.00 (247.70 to 248.70): E

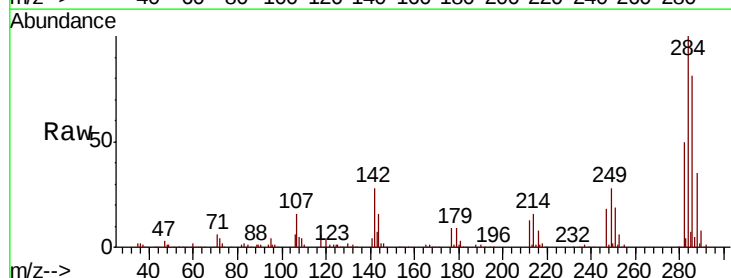
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.225 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	27.3	40.9
249	27.7	25.0	37.6

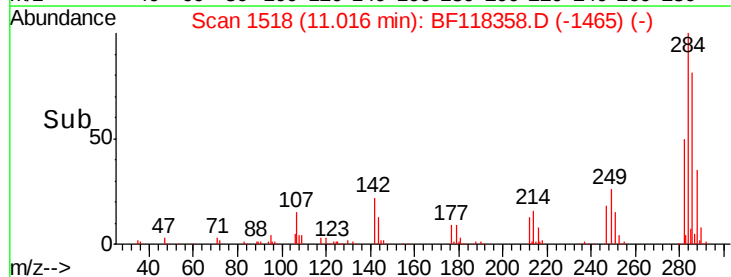
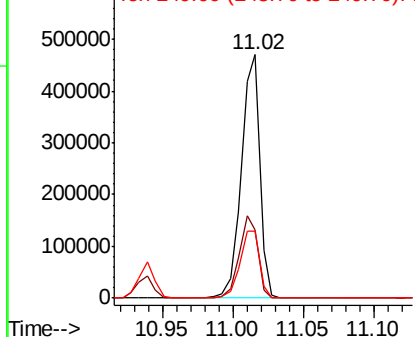


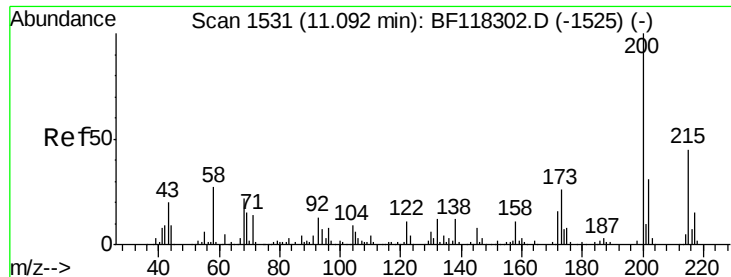
Abundance

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

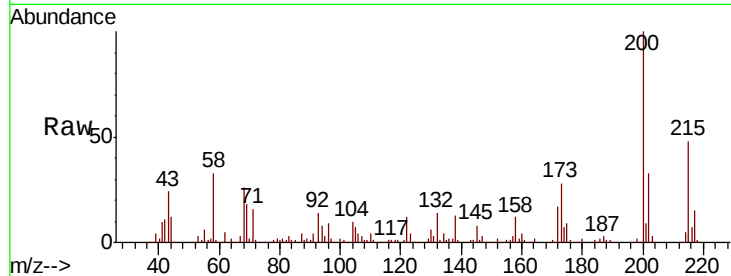




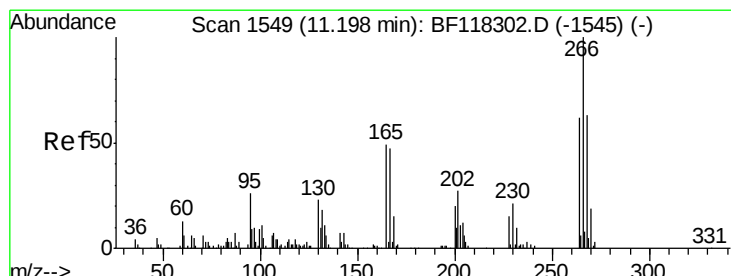
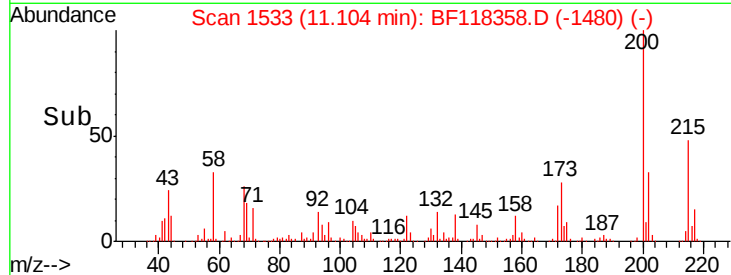
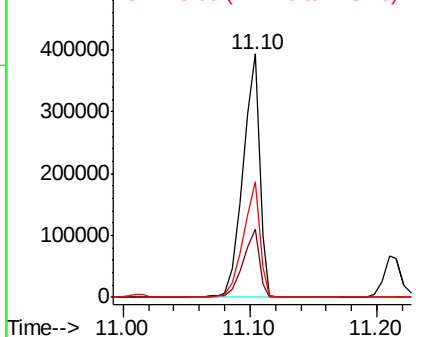
#69
Atrazine
Concen: 44.475 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 356404
Ion Ratio Lower Upper
200 100
173 28.1 5.8 45.8
215 47.6 25.1 65.1

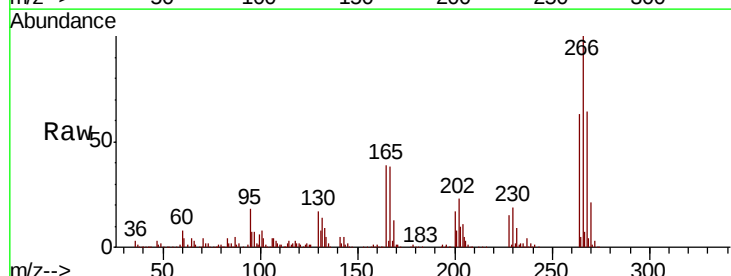


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

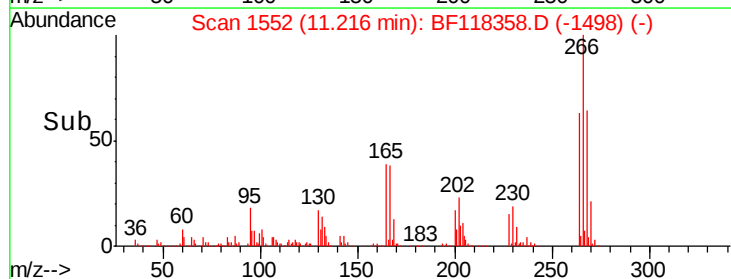
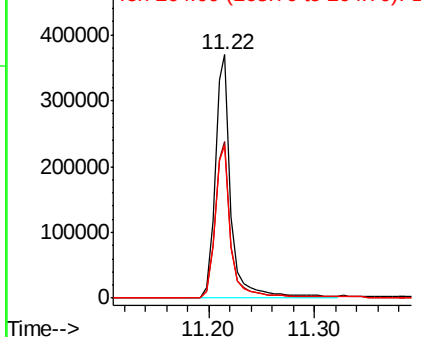


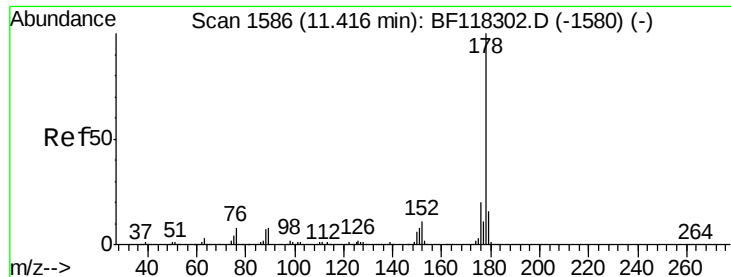
#70
Pentachlorophenol
Concen: 81.745 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.02 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:266 Resp: 395092
Ion Ratio Lower Upper
266 100
268 64.3 50.6 76.0
264 63.0 49.9 74.9



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

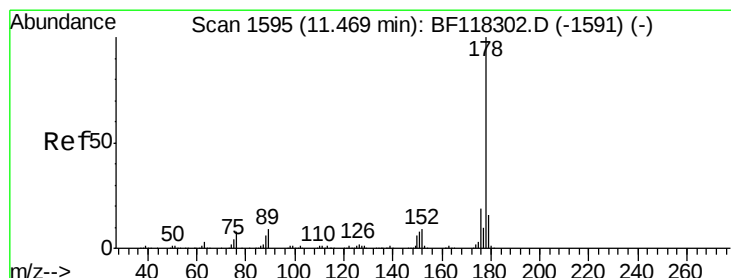
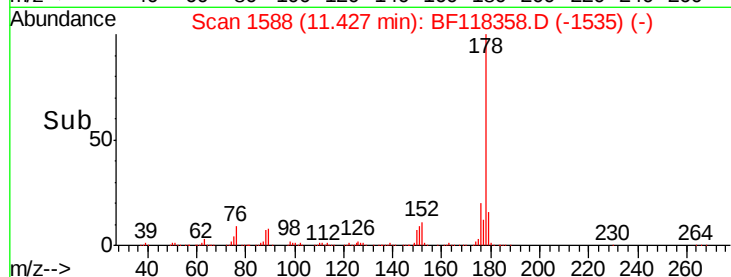
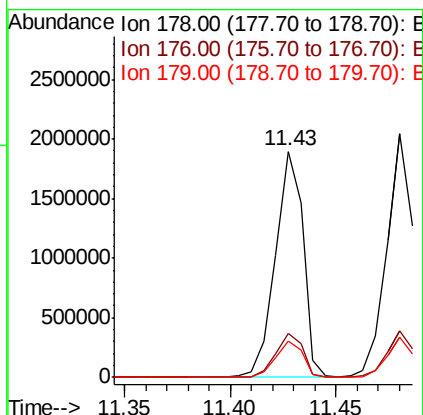
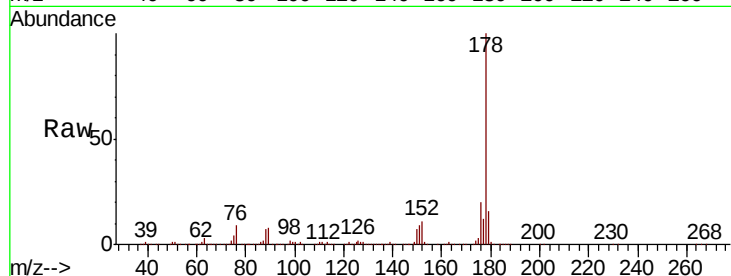




#71
Phenanthrene
Concen: 39.188 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

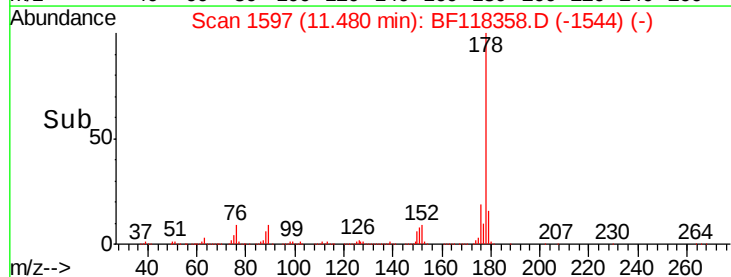
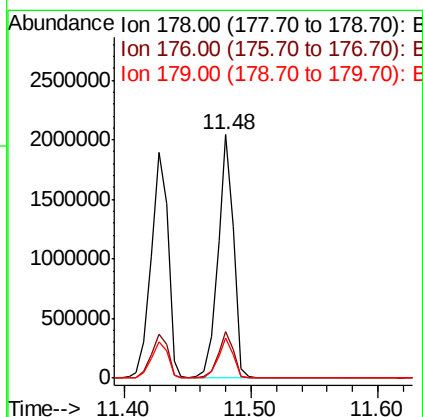
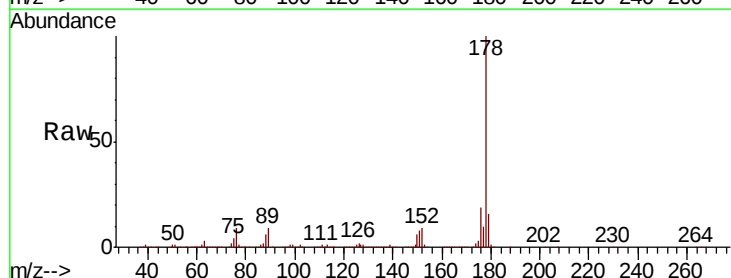
Instrument :
BNA_F
ClientSampled :

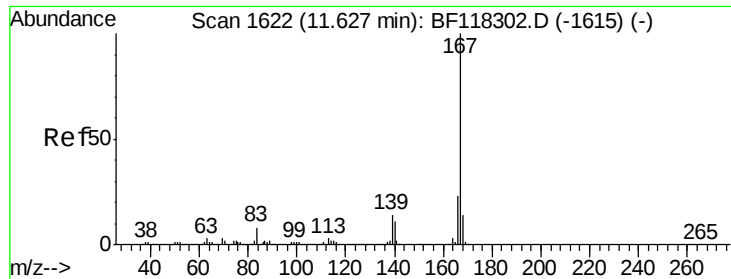
Tot Ion:178 Resp: 1730732
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.1 12.6 19.0



#72
Anthracene
Concen: 39.940 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:178 Resp: 1765599
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 16.3 12.9 19.3



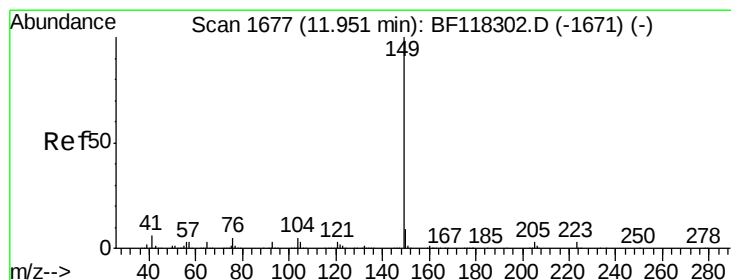
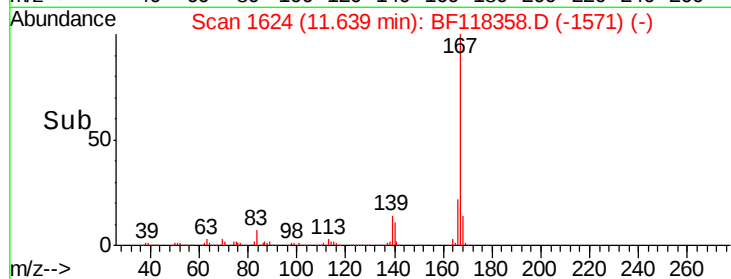
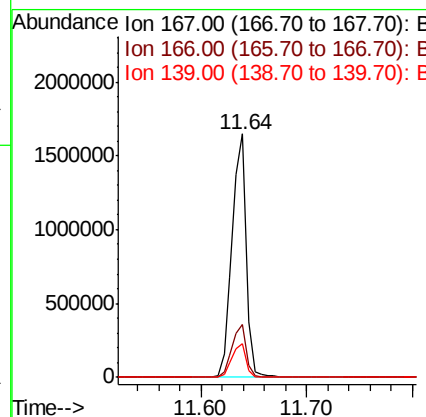
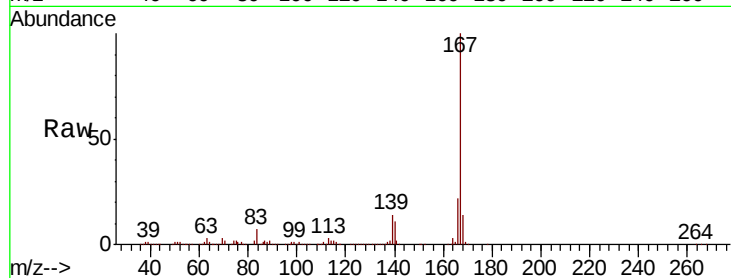


#73
 Carbazole
 Concen: 39.142 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1535368

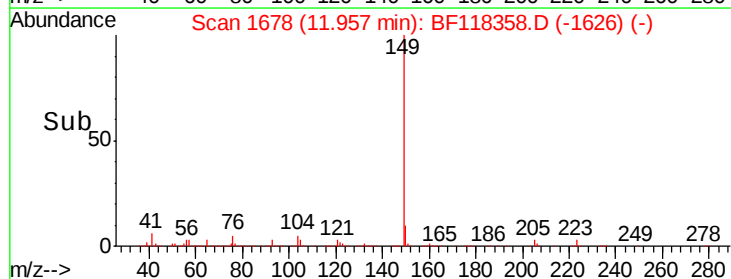
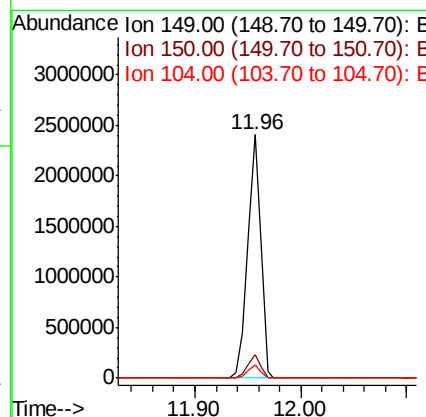
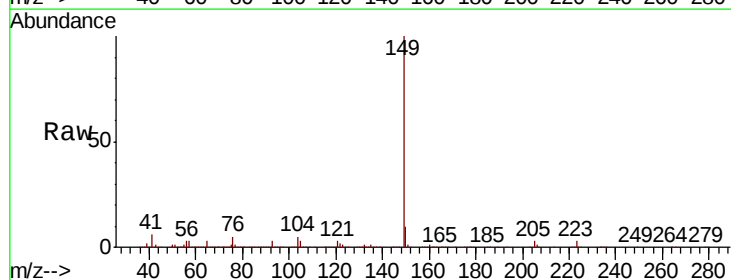
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.9	11.5	17.3

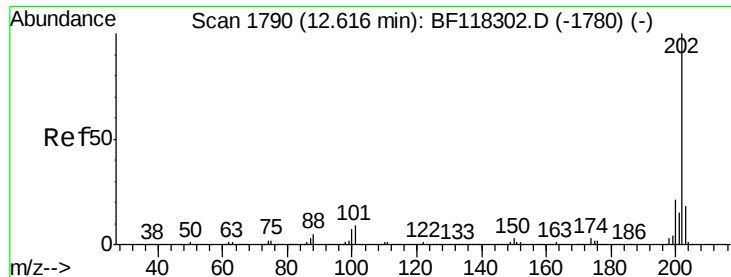


#74
 Di-n-butylphthalate
 Concen: 40.703 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion:149 Resp: 2024456

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	5.2	4.0	6.0

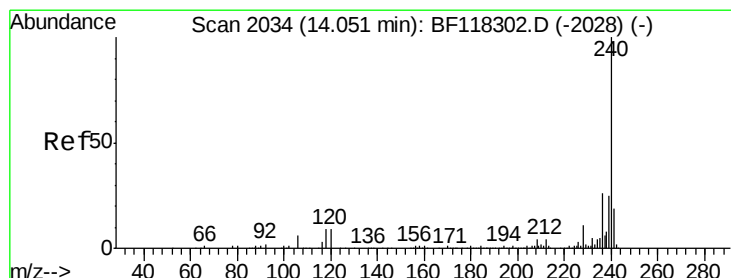
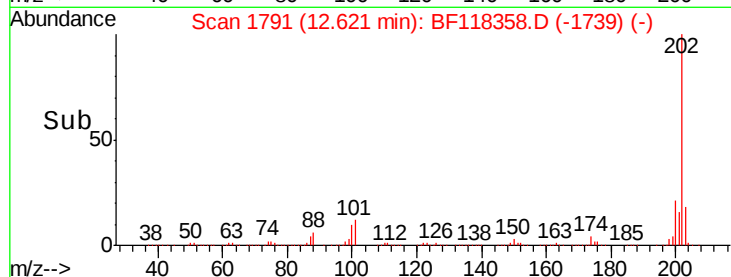
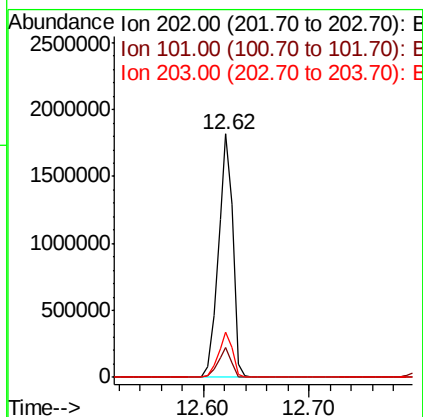
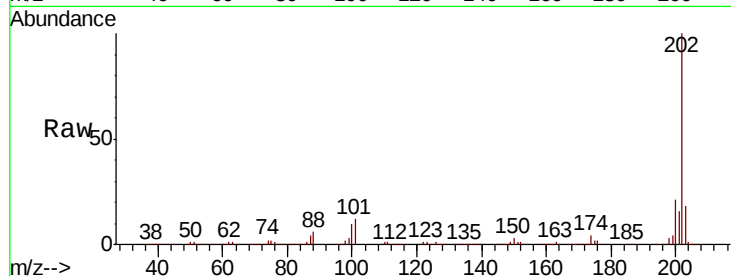




#75
 Fluoranthene
 Concen: 39.441 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

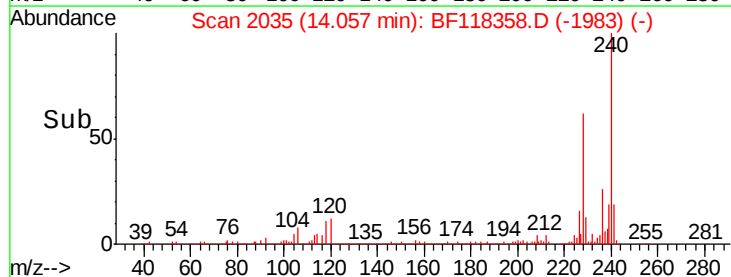
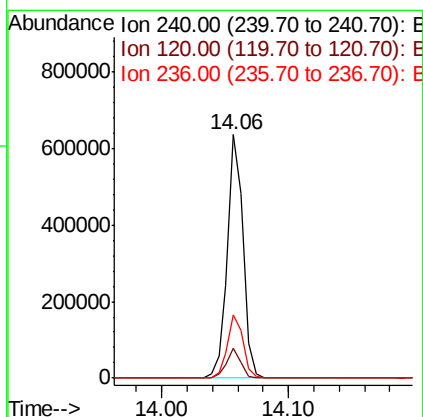
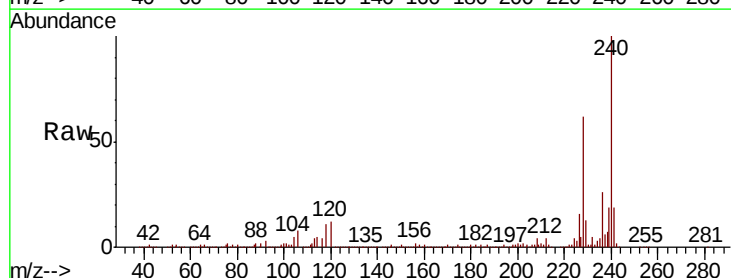
Instrument :
 BNA_F
 ClientSampleId :

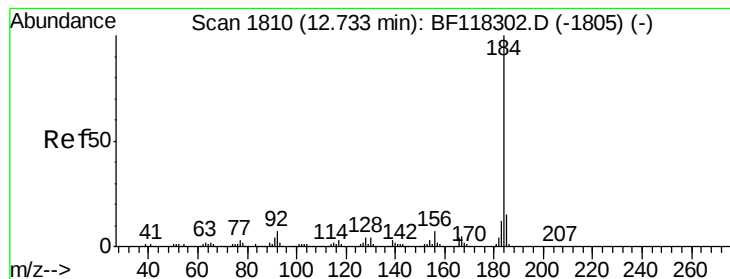
Tot Ion:202 Resp: 1757951
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 29.5
 203 18.3 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion:240 Resp: 543903
 Ion Ratio Lower Upper
 240 100
 120 12.2 7.1 10.7#
 236 25.9 21.0 31.6





#77

Benzidine

Concen: 35.459 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

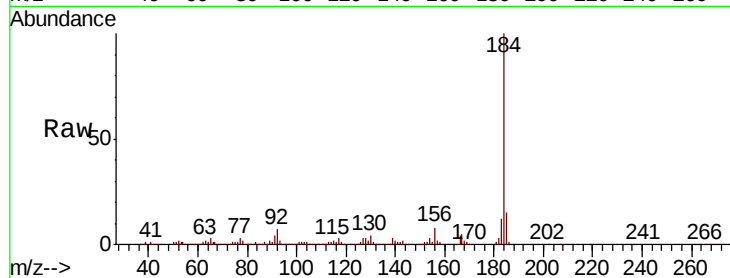
Tot Ion:184 Resp: 528463

Ion Ratio Lower Upper

184 100

185 14.7 12.3 18.5

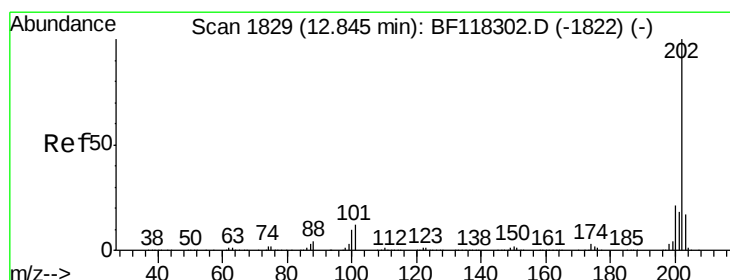
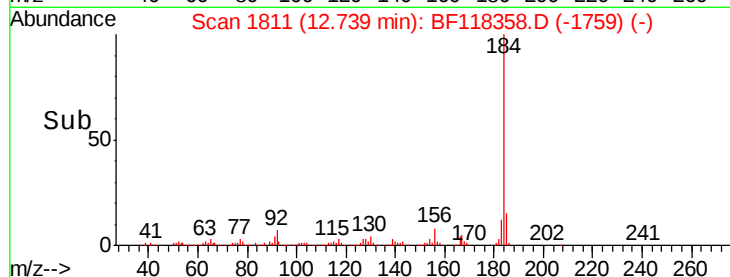
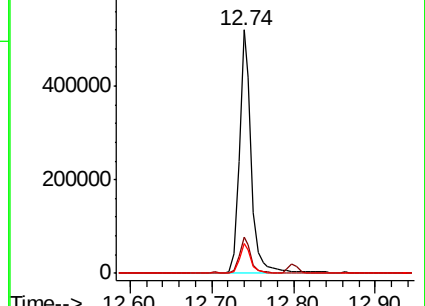
183 12.1 9.4 14.2



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: 39.579 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

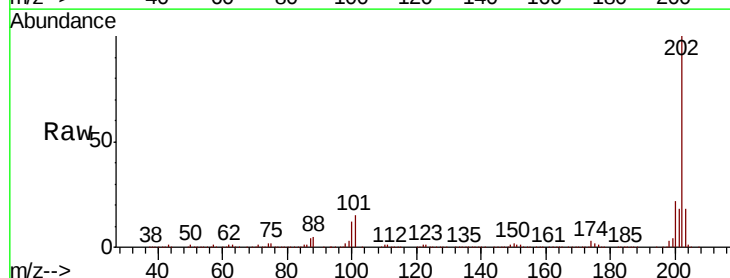
Tgt Ion:202 Resp: 1757914

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

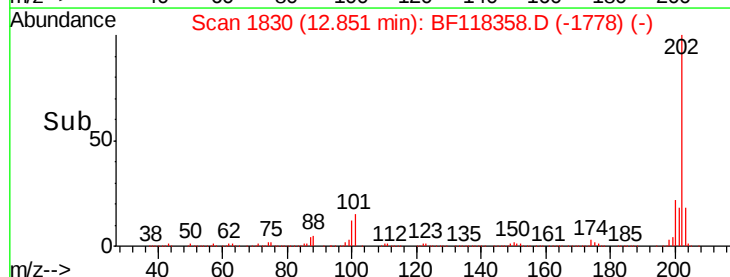
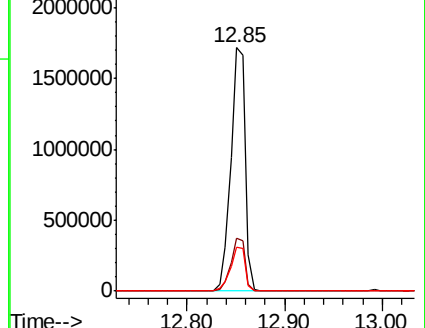
203 18.1 13.9 20.9

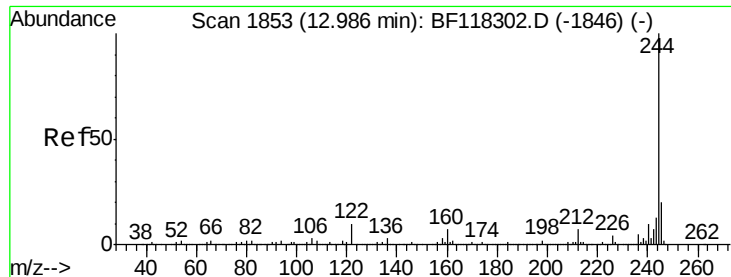


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

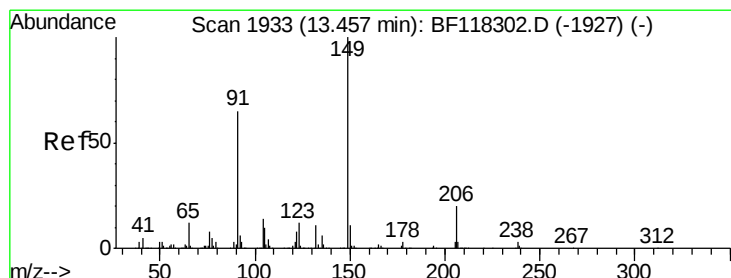
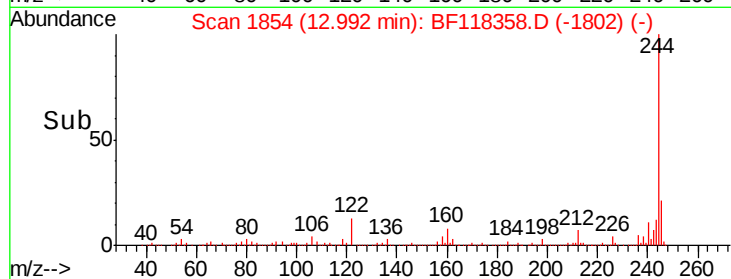
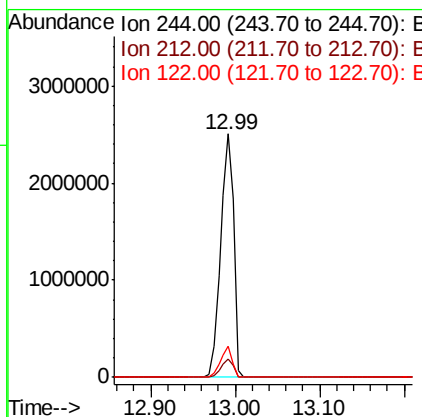
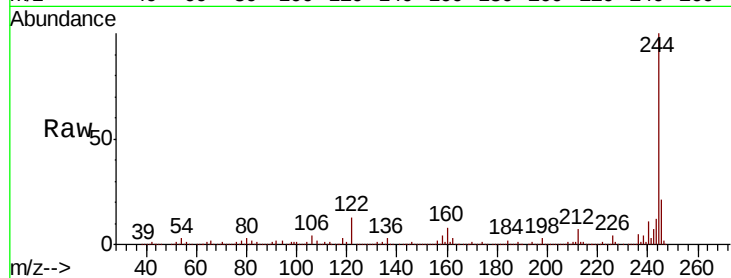




#79
 Terphenyl-d14
 Concen: 83.275 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

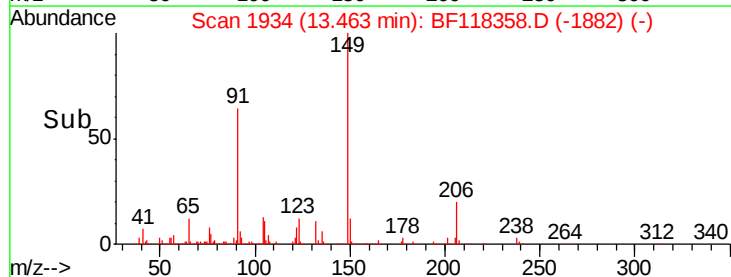
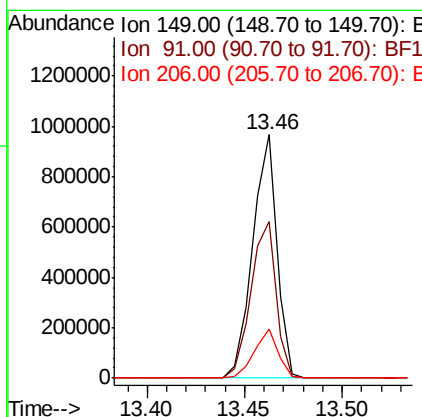
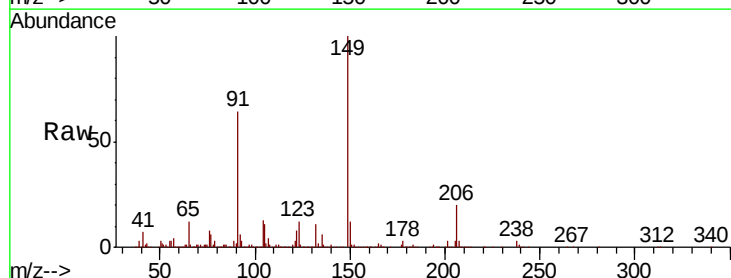
Instrument :
 BNA_F
 ClientSampleId :

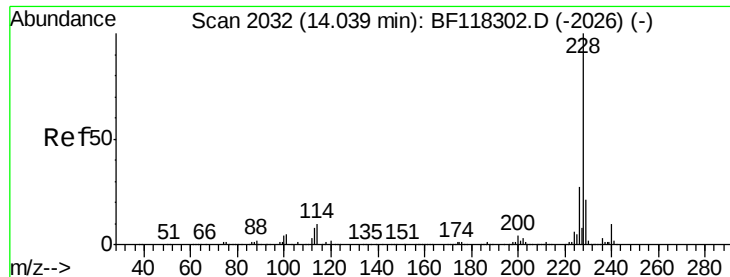
Tot Ion:244 Resp: 2730111
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 12.7 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 41.830 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion:149 Resp: 836532
 Ion Ratio Lower Upper
 149 100
 91 64.2 51.8 77.6
 206 20.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 38.947 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

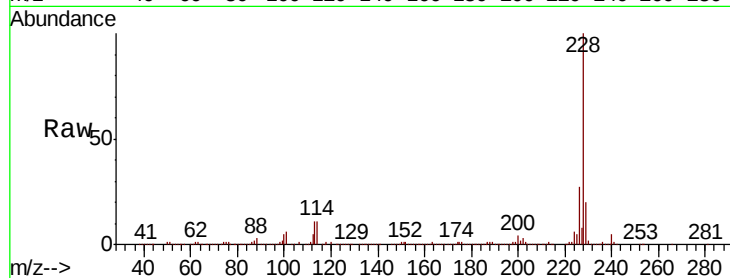
Tot Ion:228 Resp: 1482766

Ion Ratio Lower Upper

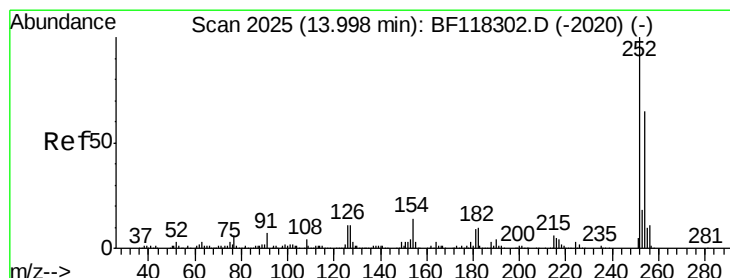
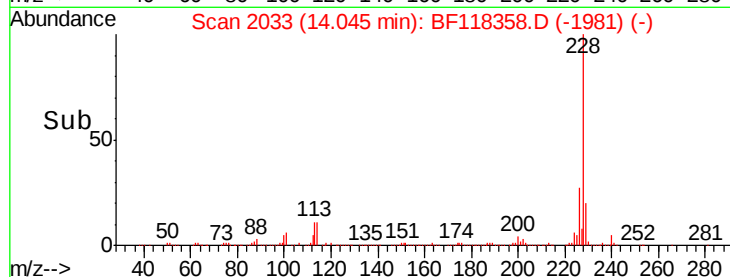
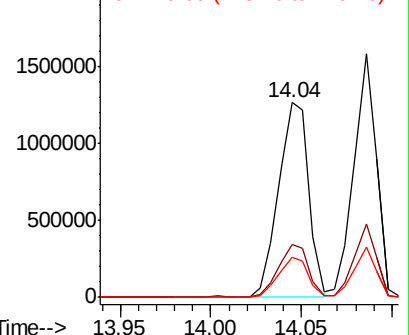
228 100

226 26.9 22.0 33.0

229 20.4 16.6 24.8



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: 34.371 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

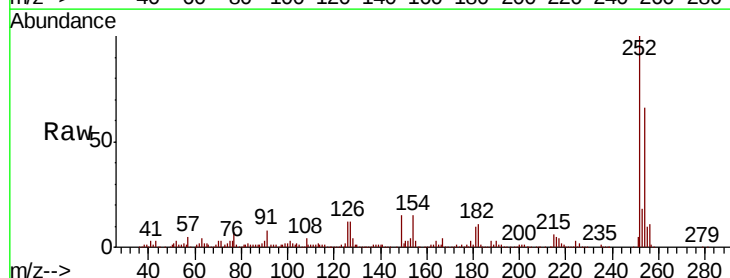
Tgt Ion:252 Resp: 443668

Ion Ratio Lower Upper

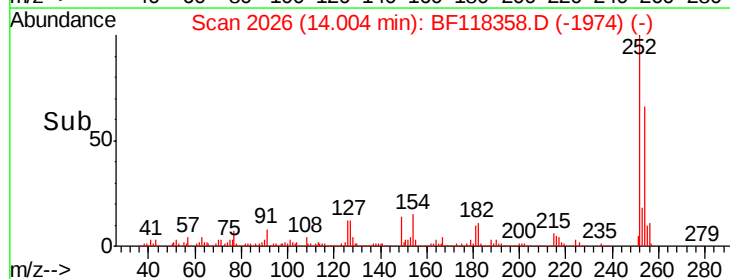
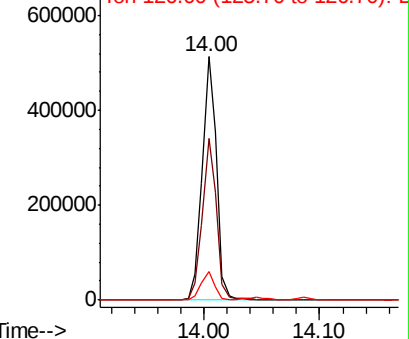
252 100

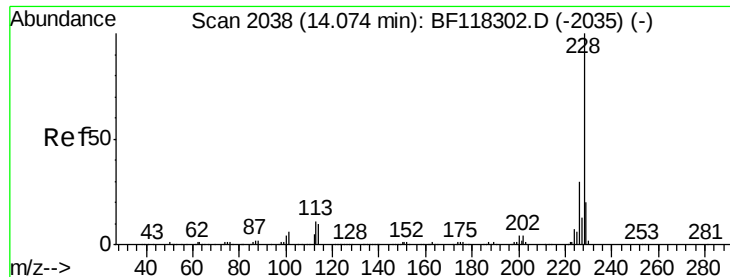
254 66.4 51.8 77.8

126 11.8 8.7 13.1



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

Chrysene

Concen: 38.018 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

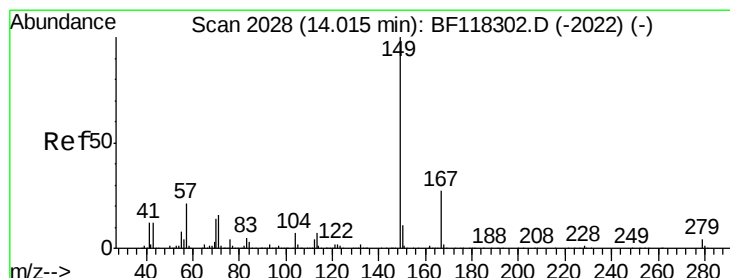
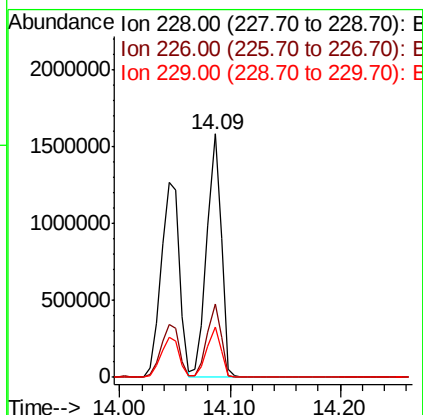
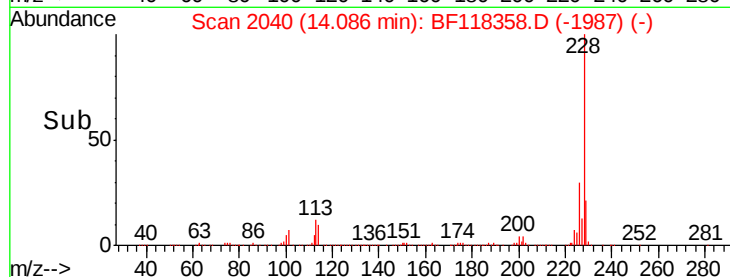
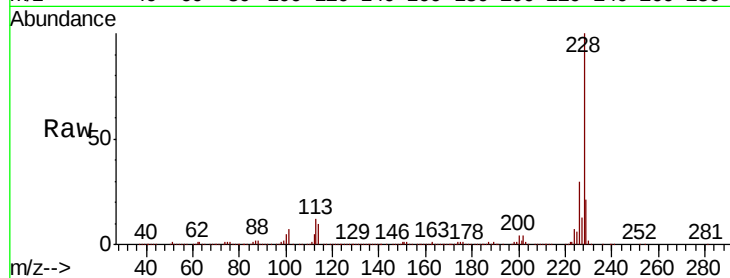
Tot Ion:228 Resp: 1385920

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 20.5 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.953 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

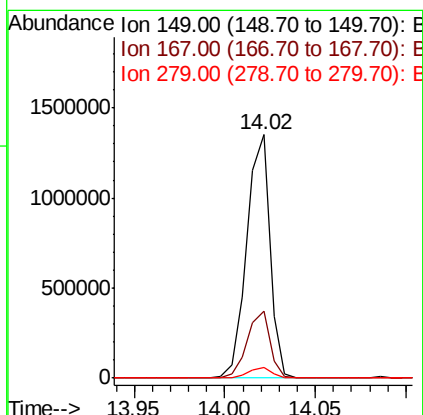
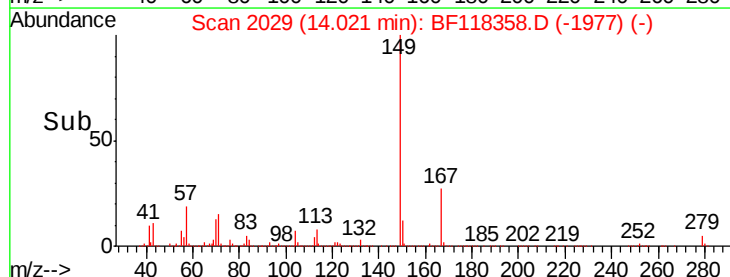
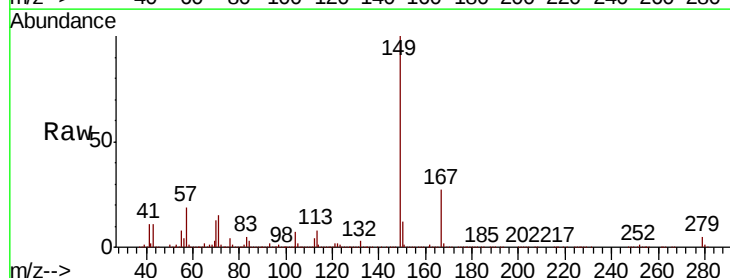
Tgt Ion:149 Resp: 1208412

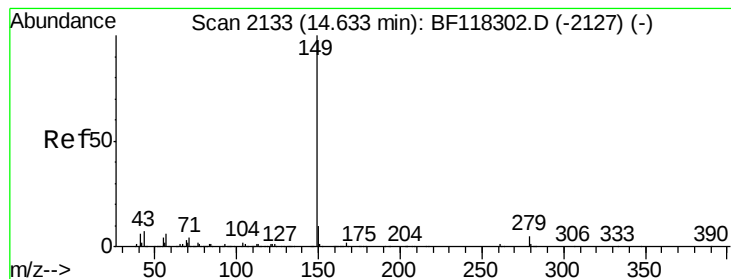
Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

279 4.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 47.427 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

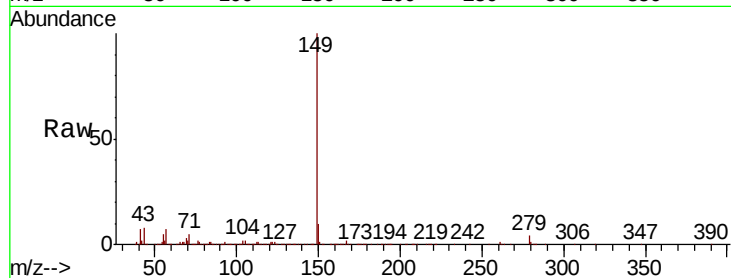
Tot Ion:149 Resp: 1834538

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

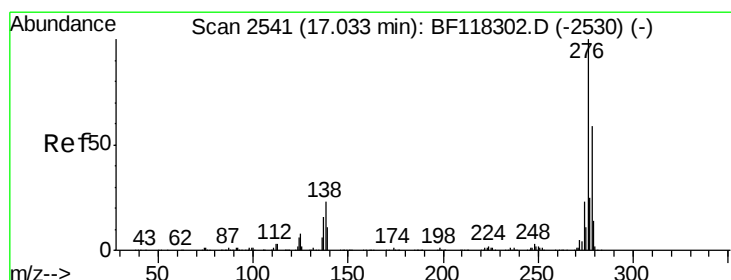
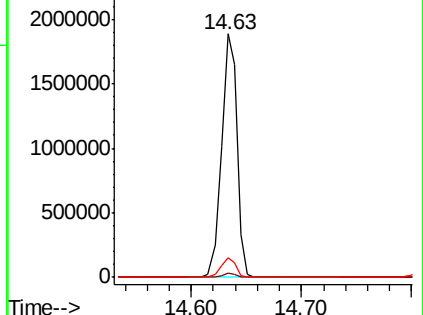
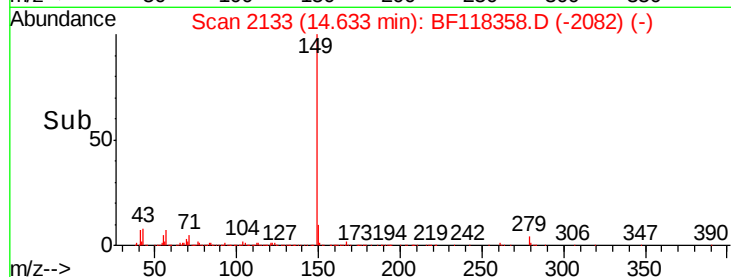
43 7.6 6.1 9.1



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: 36.159 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

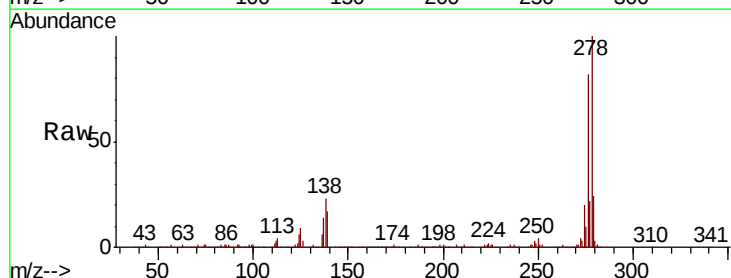
Tgt Ion:276 Resp: 1123155

Ion Ratio Lower Upper

276 100

138 24.7 19.5 29.3

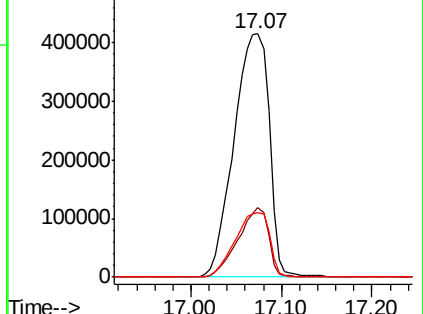
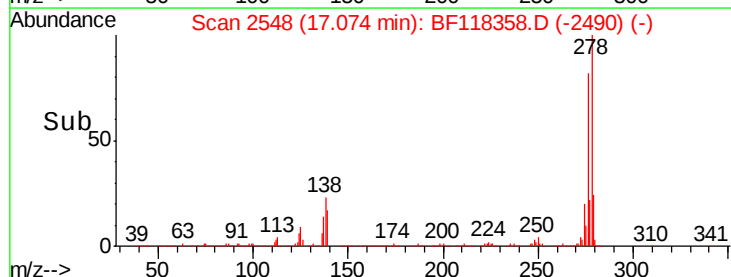
277 26.1 20.6 30.8

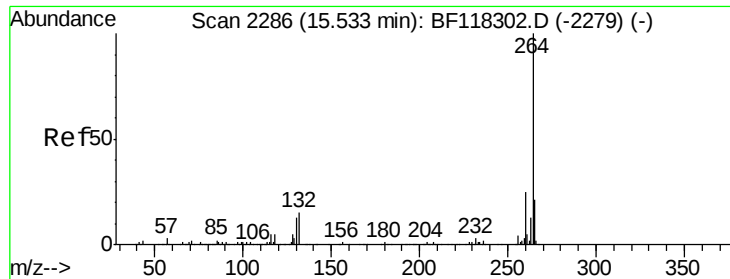


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



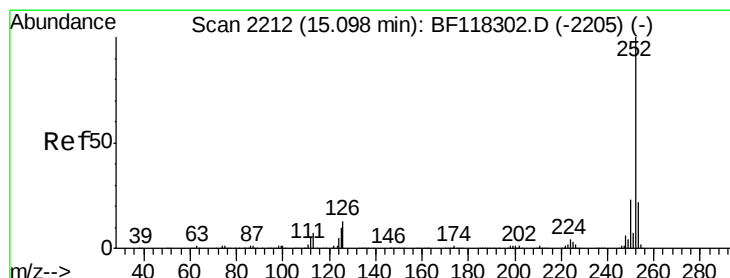
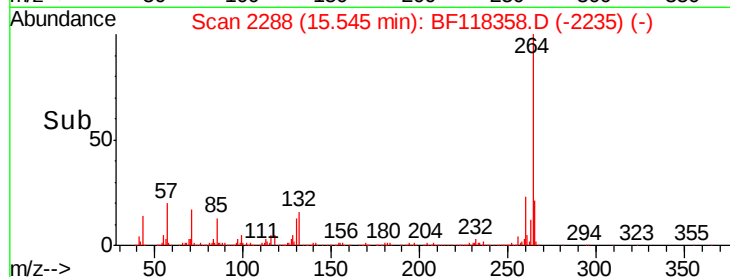
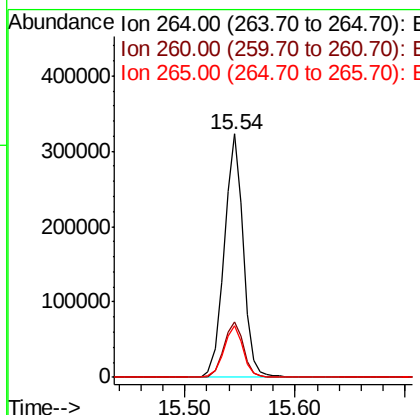
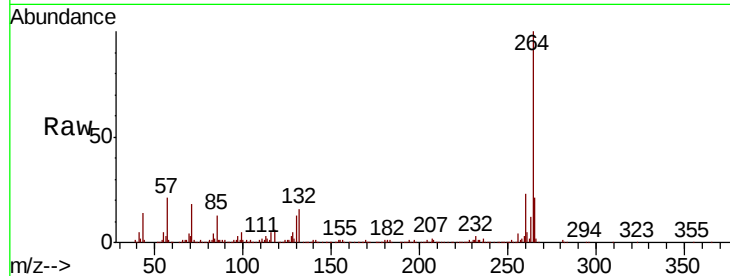


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 387881

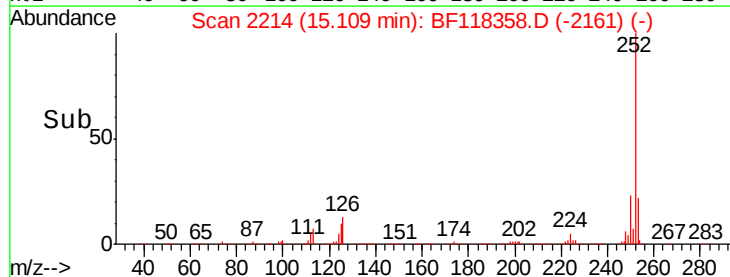
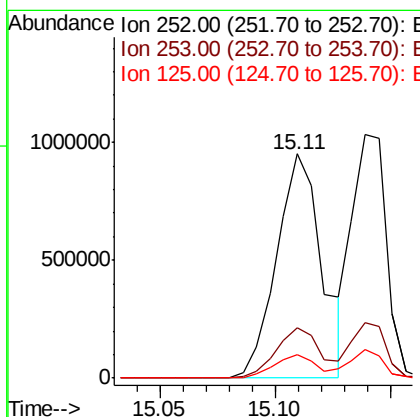
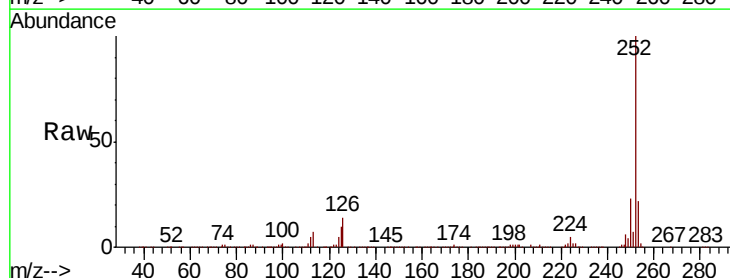
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.8	29.6
265	21.3	17.0	25.4

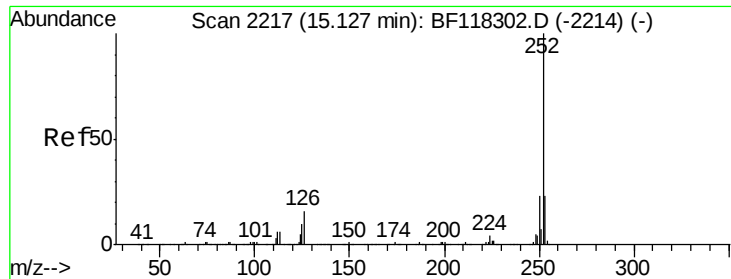


#88
Benzo(b)fluoranthene
Concen: 50.302 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:252 Resp: 1295151

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.5	7.7	11.5





#89

Benzo(k)fluoranthene

Concen: 43.741 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

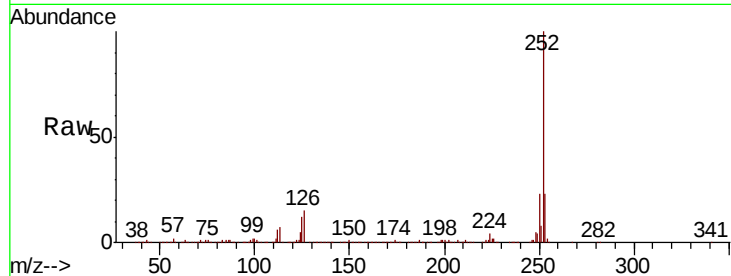
Tot Ion:252 Resp: 1081365

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

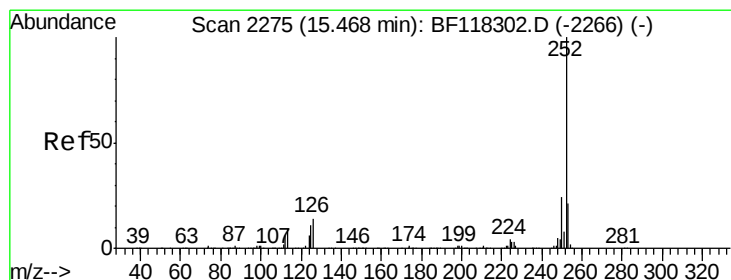
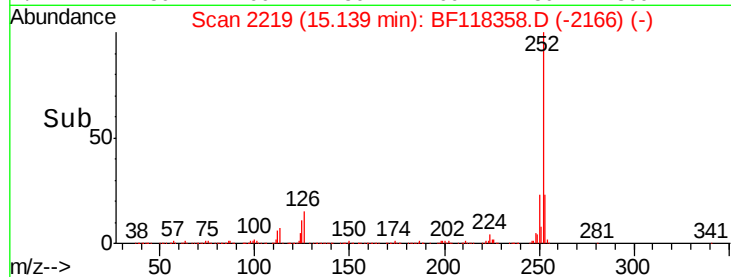
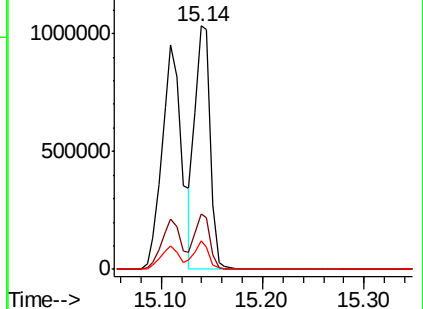
125 11.6 8.0 12.0



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



#90

Benzo(a)pyrene

Concen: 44.912 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

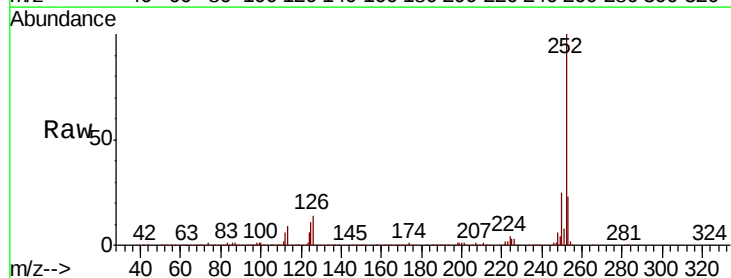
Tgt Ion:252 Resp: 1018661

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

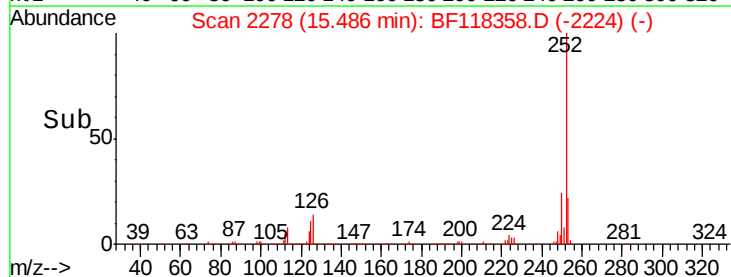
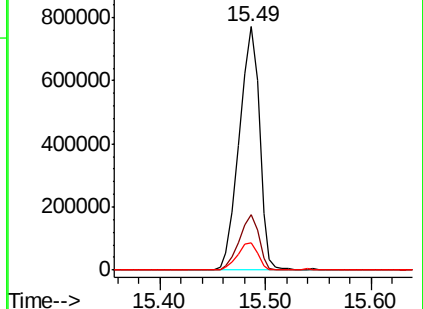
125 11.3 9.0 13.4

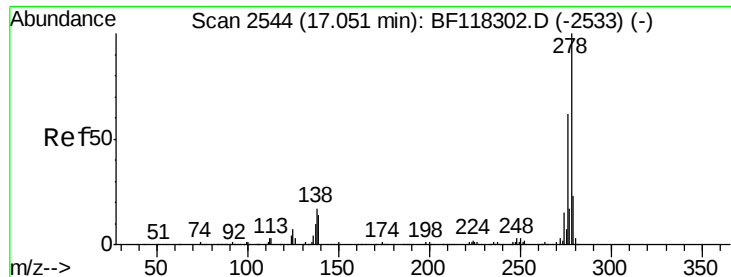


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.750 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.03 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

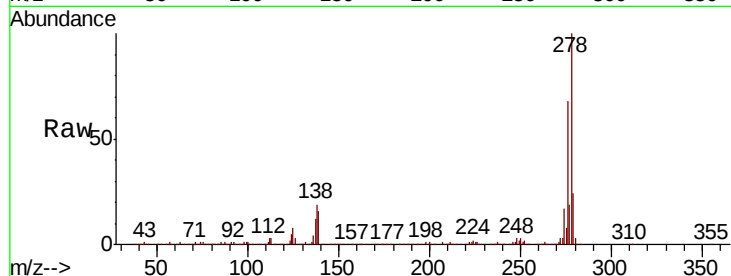
Tot Ion:278 Resp: 959523

Ion Ratio Lower Upper

278 100

139 15.6 11.5 17.3

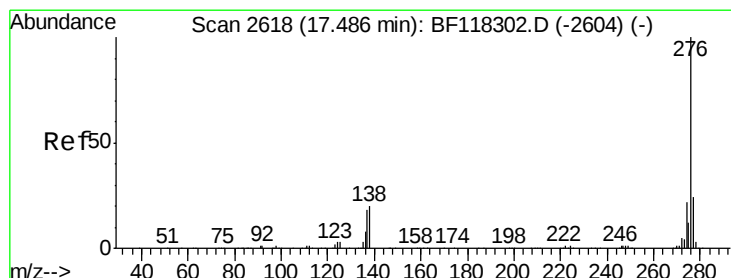
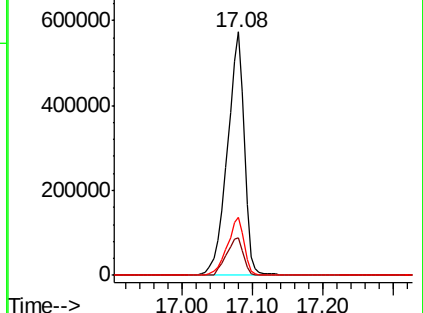
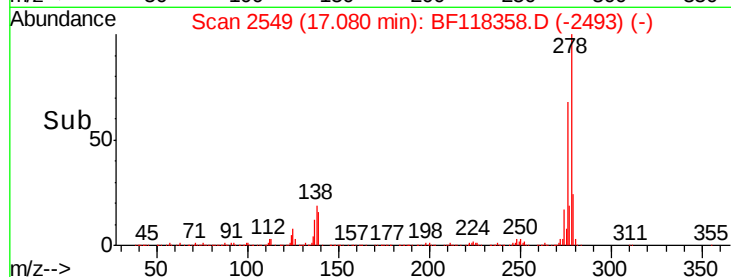
279 23.9 18.3 27.5



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: 48.804 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.04 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

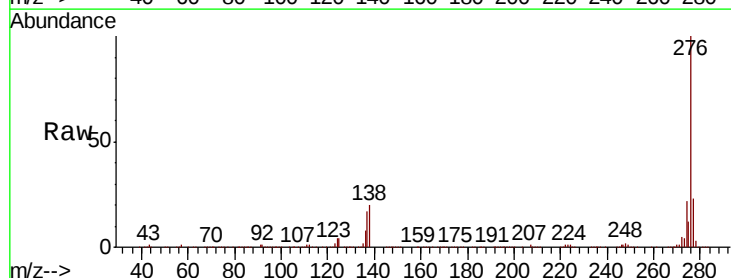
Tgt Ion:276 Resp: 927932

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 20.4 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

