

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118362.D
 Acq On : 28 Dec 2019 13:41
 Operator : JU
 Sample : PB125755BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 07:01:17 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	147413	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	615190	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	333428	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	620001	20.00	ng	0.00
76) Chrysene-d12	14.06	240	394557	20.00	ng	0.00
87) Perylene-d12	15.54	264	249128	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	996393	115.38	ng	0.02
7) Phenol-d6	6.50	99	1204647	112.45	ng	0.01
23) Nitrobenzene-d5	7.42	82	795025	73.91	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	428220	104.00	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1658809	75.94	ng	0.00
79) Terphenyl-d14	12.99	244	1882153	79.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	130894	38.128	ng	99
3) Pyridine	3.45	79	304262	33.265	ng	98
4) n-Nitrosodimethylamine	3.40	42	150443	39.782	ng	100
6) Aniline	6.52	93	378600	27.831	ng	# 79
8) 2-Chlorophenol	6.65	128	426436	43.600	ng	99
9) Benzaldehyde	6.40	77	117662	18.733	ng	98
10) Phenol	6.51	94	499982	41.523	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	365932	42.494	ng	97
12) 1,3-Dichlorobenzene	6.79	146	448415	39.808	ng	99
13) 1,4-Dichlorobenzene	6.87	146	460381	40.238	ng	98
14) 1,2-Dichlorobenzene	7.03	146	430559	39.859	ng	97
15) Benzyl Alcohol	7.00	79	346029	42.422	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	375066	40.817	ng	84
17) 2-Methylphenol	7.12	107	339895	43.328	ng	96
18) Hexachloroethane	7.36	117	168024	40.014	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	274913	41.656	ng	98
20) 3+4-Methylphenols	7.27	107	426313	42.461	ng	95
22) Acetophenone	7.27	105	570800	37.857	ng	# 95
24) Nitrobenzene	7.44	77	417567	38.755	ng	99
25) Isophorone	7.68	82	749858	40.002	ng	100
26) 2-Nitrophenol	7.76	139	239688	41.999	ng	96
27) 2,4-Dimethylphenol	7.80	122	365515	46.942	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	476080	38.834	ng	99
29) 2,4-Dichlorophenol	8.00	162	360629	40.239	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	398282	38.149	ng	98
31) Naphthalene	8.16	128	1240169	39.663	ng	100
32) Benzoic acid	7.95	122	224808	35.823	ng	97
33) 4-Chloroaniline	8.22	127	281288	20.985	ng	97
34) Hexachlorobutadiene	8.27	225	231358	37.228	ng	100
35) Caprolactam	8.60	113	73621	26.312	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	380257	39.518	ng	100
37) 2-Methylnaphthalene	8.86	142	868380	40.563	ng	99
38) 1-Methylnaphthalene	8.96	142	820071	40.659	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	377462	37.678	ng	100

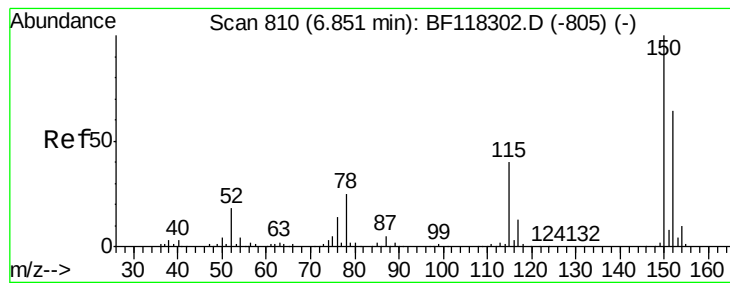
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
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 Operator : JU
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 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	213645	53.960	ng	96
43) 2,4,6-Trichlorophenol	9.14	196	256485	38.323	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	266994	38.780	ng	98
46) 1,1'-Biphenyl	9.32	154	1018166	38.608	ng	99
47) 2-Chloronaphthalene	9.35	162	795220	37.466	ng	98
48) 2-Nitroaniline	9.45	65	214489	35.777	ng	97
49) Acenaphthylene	9.77	152	1239891	39.387	ng	99
50) Dimethylphthalate	9.62	163	949848	37.951	ng	99
51) 2,6-Dinitrotoluene	9.69	165	208455	38.632	ng	98
52) Acenaphthene	9.94	154	724276	37.773	ng	99
53) 3-Nitroaniline	9.86	138	142149	22.445	ng	91
54) 2,4-Dinitrophenol	9.98	184	188756	70.067	ng	99
55) Dibenzofuran	10.11	168	1101933	38.894	ng	96
56) 4-Nitrophenol	10.04	139	273581	69.974	ng	94
57) 2,4-Dinitrotoluene	10.10	165	275530	38.214	ng	90
58) Fluorene	10.46	166	874877	38.253	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	226963	38.798	ng	99
60) Diethylphthalate	10.33	149	951922	38.445	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	436059	38.193	ng	97
62) 4-Nitroaniline	10.49	138	202007	30.704	ng	97
63) Azobenzene	10.60	77	822816	38.796	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	138133	41.299	ng	84
66) n-Nitrosodiphenylamine	10.57	169	766446	38.571	ng	98
67) 4-Bromophenyl-phenylether	10.94	248	275034	37.905	ng	95
68) Hexachlorobenzene	11.01	284	311632	36.488	ng	97
69) Atrazine	11.10	200	252633	41.194	ng	96
70) Pentachlorophenol	11.21	266	270352	73.091	ng	99
71) Phenanthrene	11.43	178	1275207	37.729	ng	99
72) Anthracene	11.48	178	1305694	38.595	ng	99
73) Carbazole	11.63	167	1104088	36.779	ng	99
74) Di-n-butylphthalate	11.96	149	1506587	39.581	ng	99
75) Fluoranthene	12.62	202	1269223	37.209	ng	99
77) Benzidine	12.74	184	266263	24.629	ng	98
78) Pyrene	12.85	202	1275761	39.596	ng	100
80) Butylbenzylphthalate	13.46	149	596084	41.089	ng	95
81) Benzo(a)anthracene	14.04	228	1030785	37.323	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	295244	31.530	ng	98
83) Chrysene	14.08	228	961096	36.344	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	830611	43.542	ng	99
85) Di-n-octyl phthalate	14.63	149	1240682	44.215	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	802493	35.615	ng	100
88) Benzo(b)fluoranthene	15.10	252	836753	50.599	ng	97
89) Benzo(k)fluoranthene	15.14	252	790518	49.785	ng	98
90) Benzo(a)pyrene	15.48	252	697597	47.886	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	682750	54.007	ng	96
92) Benzo(g,h,i)perylene	17.52	276	671995	55.028	ng	98

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

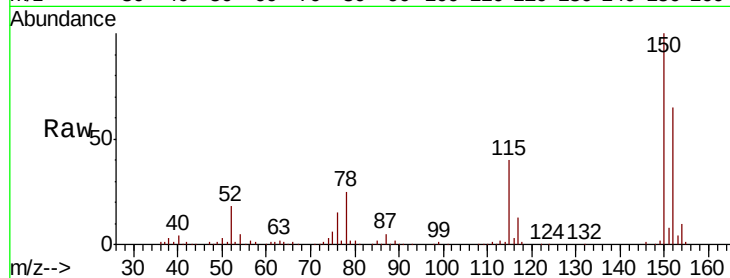


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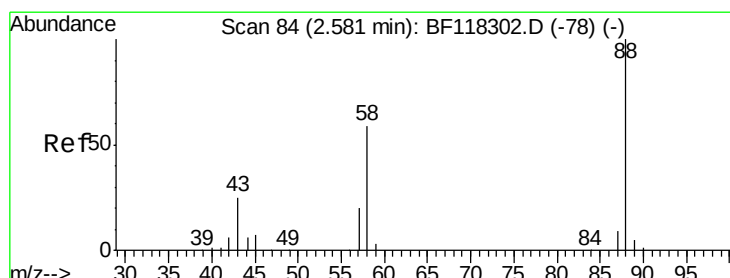
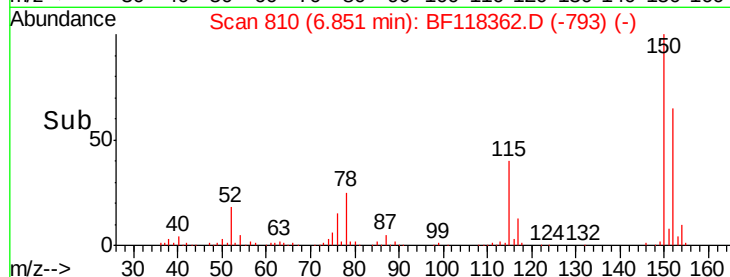
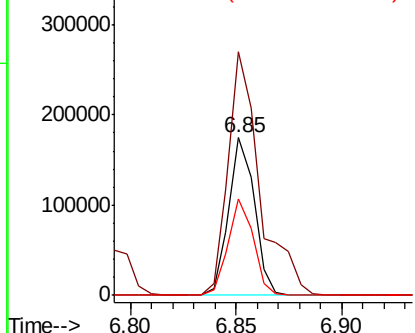
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147413
Ion Ratio Lower Upper
152 100
150 154.8 125.4 188.2
115 61.5 50.2 75.4



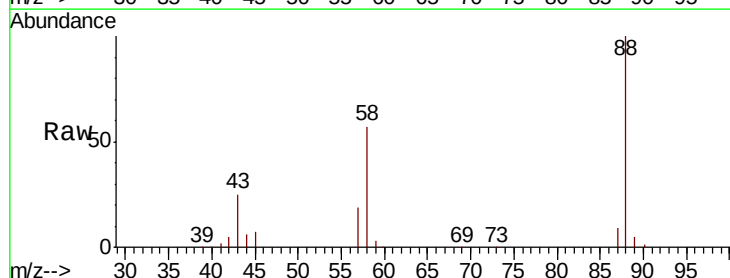
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



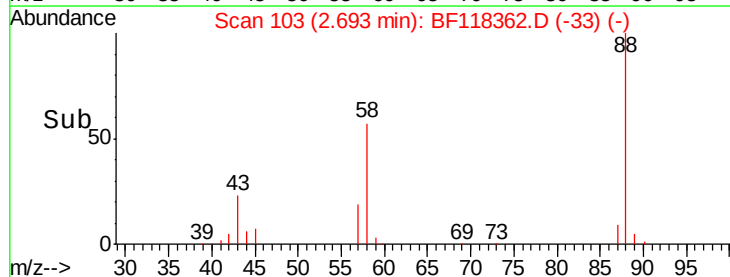
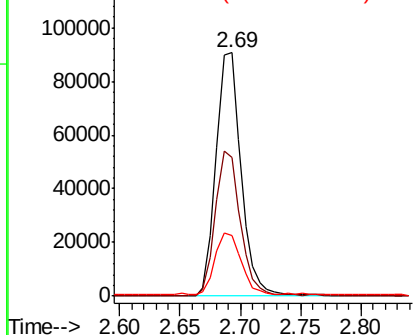
#2

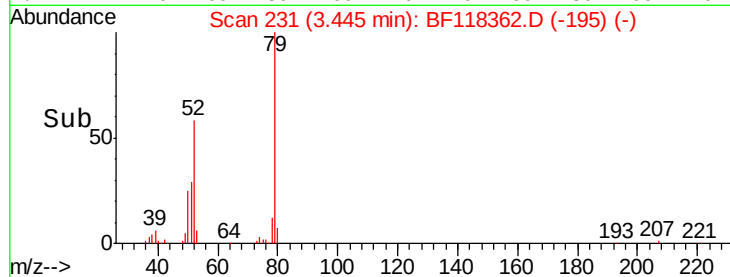
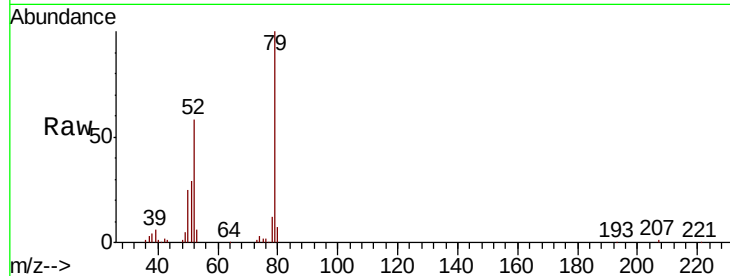
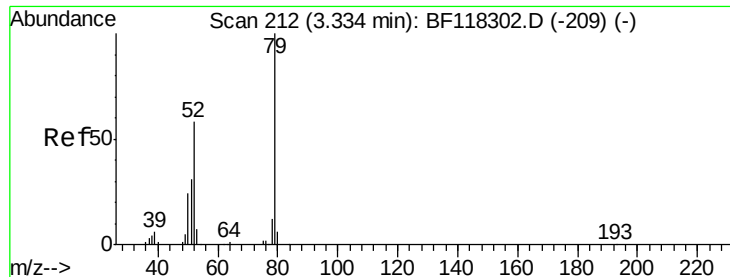
1,4-Dioxane
Concen: 38.128 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.11 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion: 88 Resp: 130894
Ion Ratio Lower Upper
88 100
58 59.6 47.6 71.4
43 26.5 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

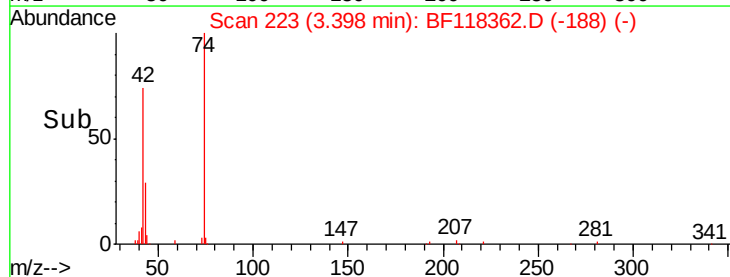
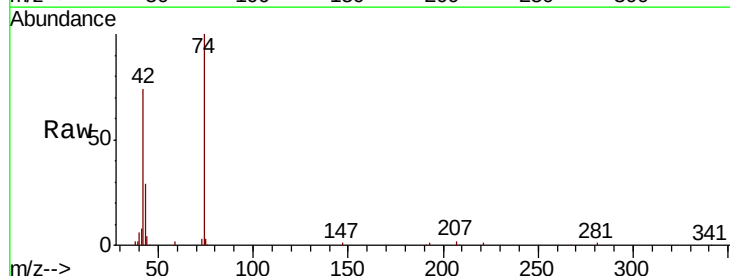
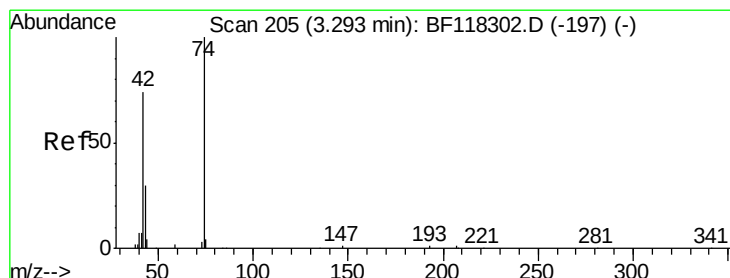
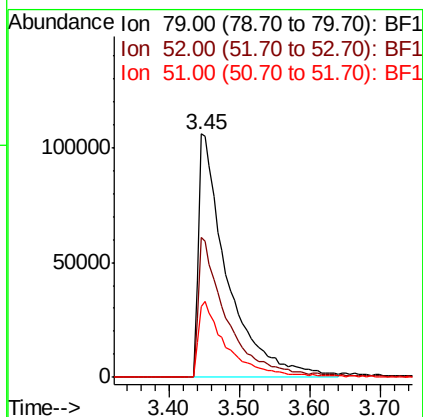




#3
 Pvridine
 Concen: 33.265 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.11 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

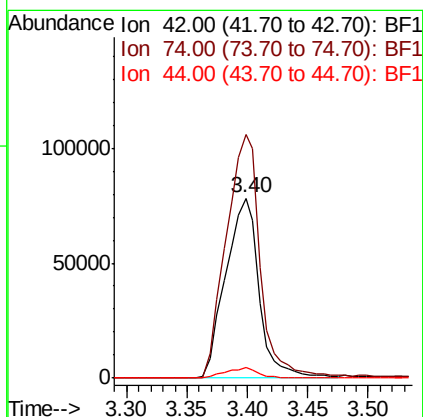
Instrument :
 BNA_F
 ClientSampleId :

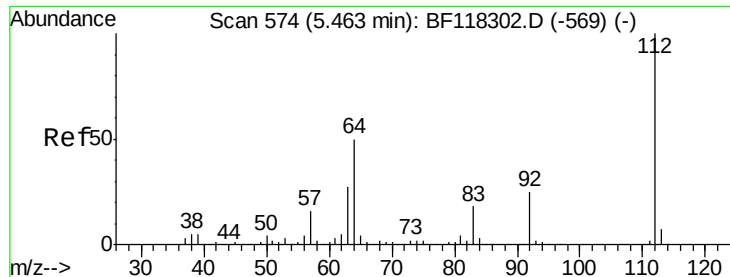
Tot Ion	Ratio	Lower	Upper
79	100		
52	57.5	46.4	69.6
51	29.3	24.9	37.3



#4
 n-Nitrosodimethylamine
 Concen: 39.782 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.11 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.1	107.7	161.5
44	6.0	4.8	7.2





#5

2-Fluorophenol

Concen: 115.379 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampled :

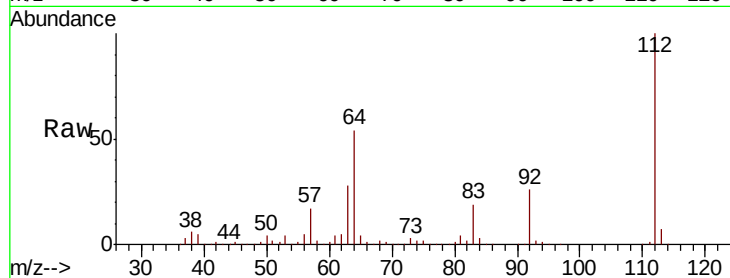
Tot Ion: 112 Resp: 996393

Ion Ratio Lower Upper

112 100

64 53.5 39.7 59.5

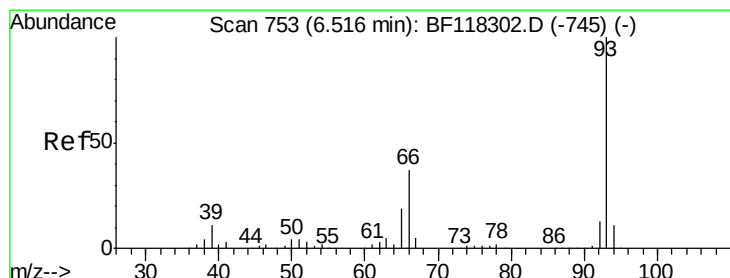
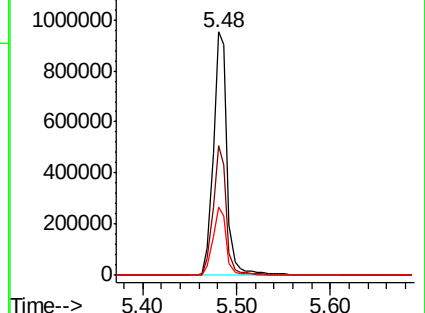
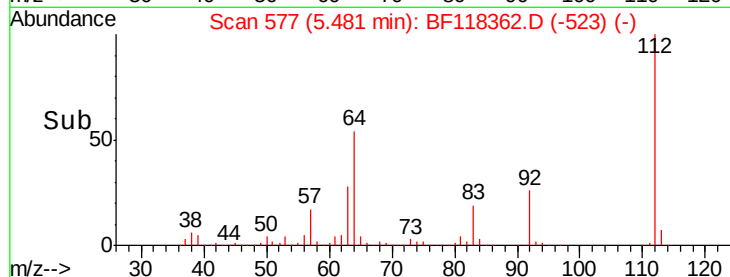
63 28.3 21.7 32.5



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: 27.831 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

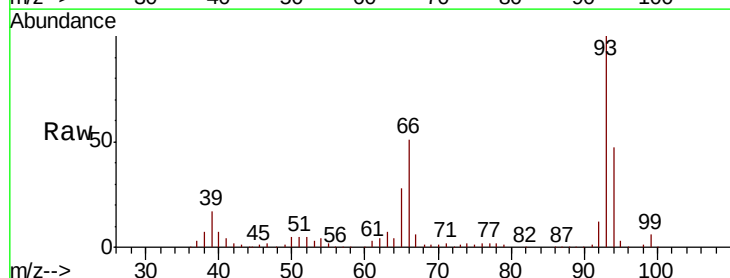
Tgt Ion: 93 Resp: 378600

Ion Ratio Lower Upper

93 100

66 51.2 30.2 45.4#

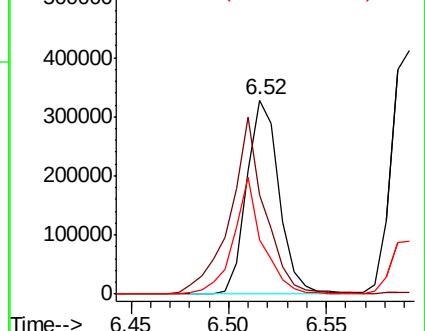
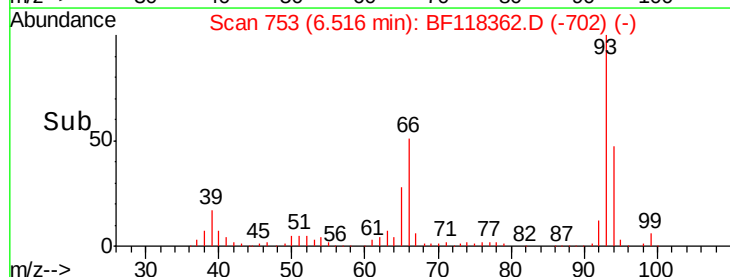
65 27.6 15.7 23.5#

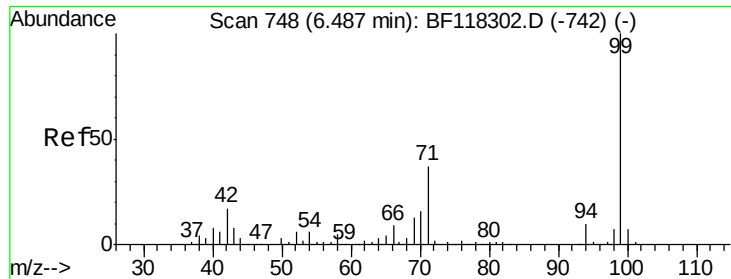


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.447 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

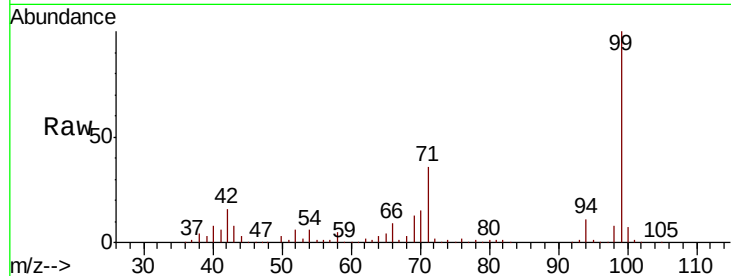
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1204647

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	36.2	29.4	44.2

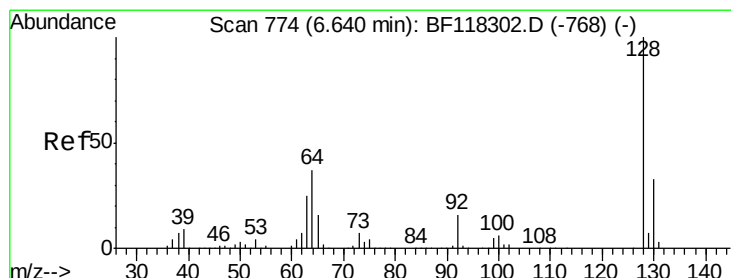
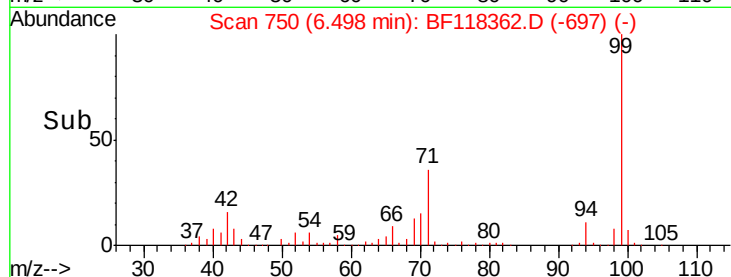
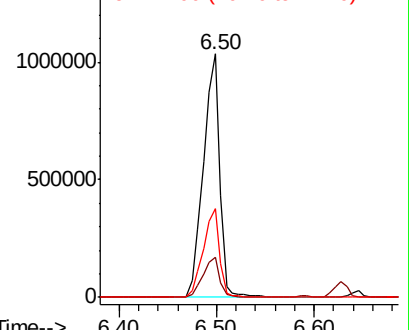


Abundance

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: 43.600 ng

RT: 6.65 min Scan# 775

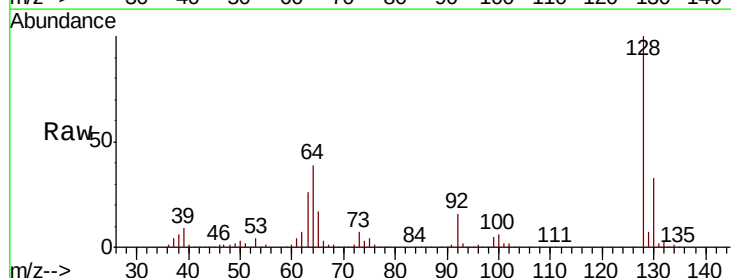
Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Tgt Ion: 128 Resp: 426436

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.2	53.2
64	38.6	17.7	57.7

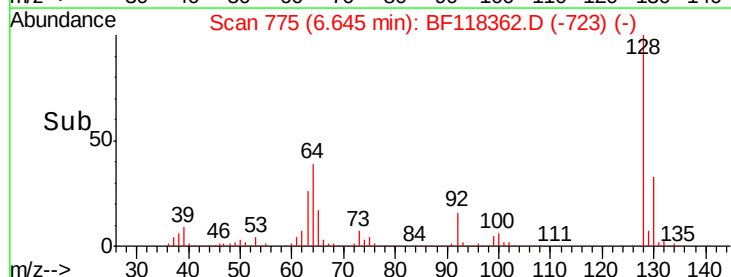
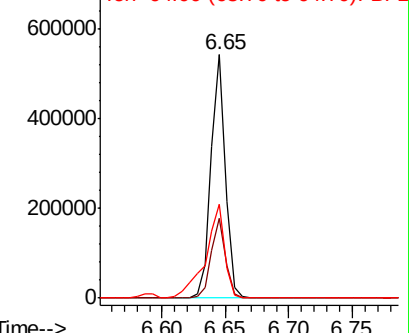


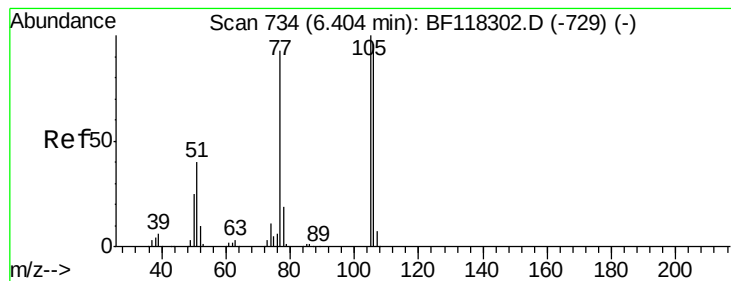
Abundance

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: 18.733 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

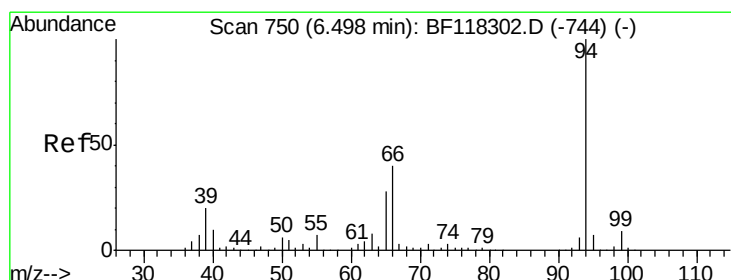
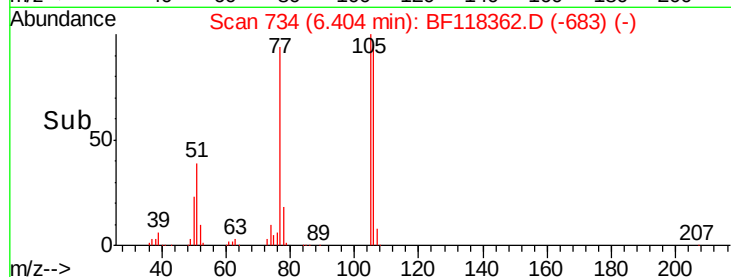
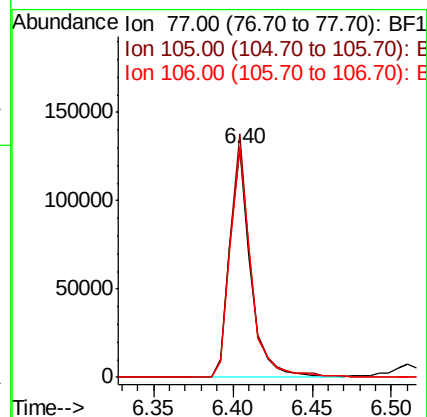
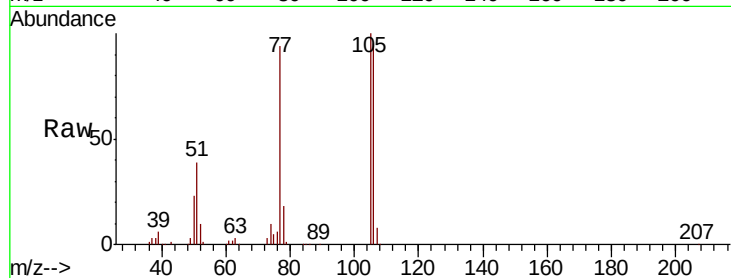
Tot Ion: 77 Resp: 117662

Ion Ratio Lower Upper

77 100

105 106.6 87.5 127.5

106 100.8 83.6 123.6



#10

Phenol

Concen: 41.523 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

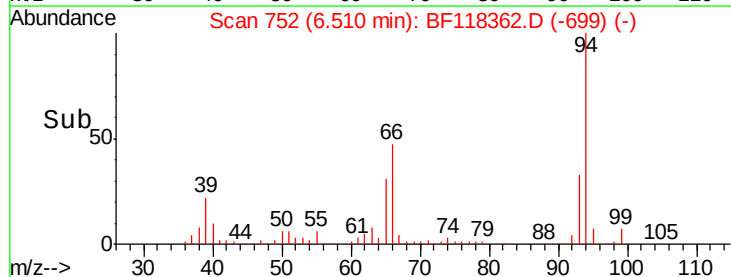
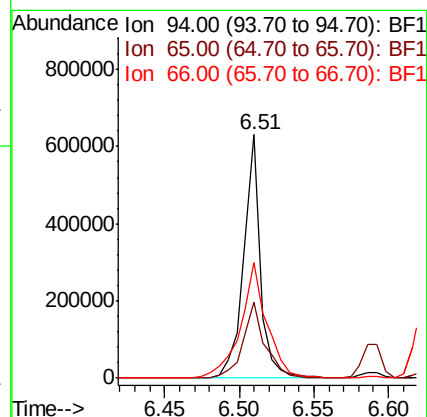
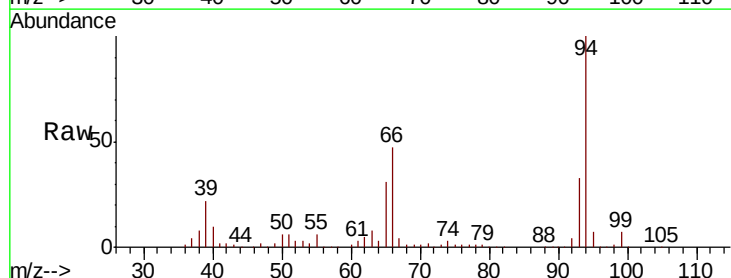
Tgt Ion: 94 Resp: 499982

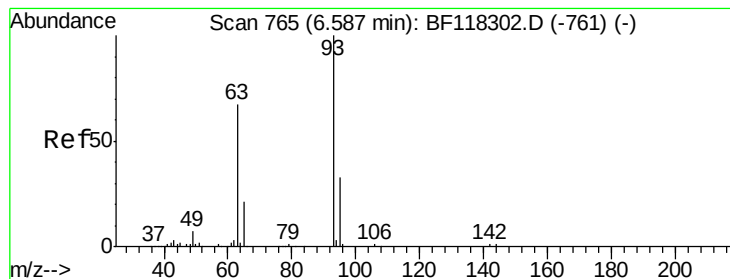
Ion Ratio Lower Upper

94 100

65 31.2 7.8 47.8

66 47.5 20.4 60.4

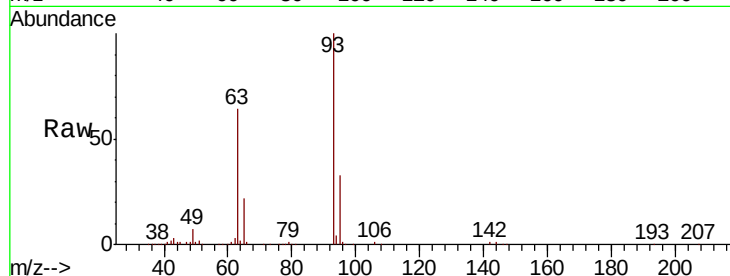




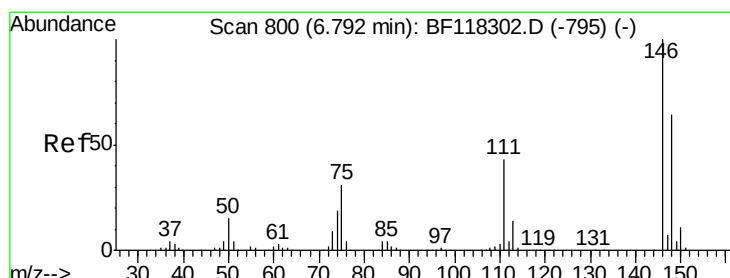
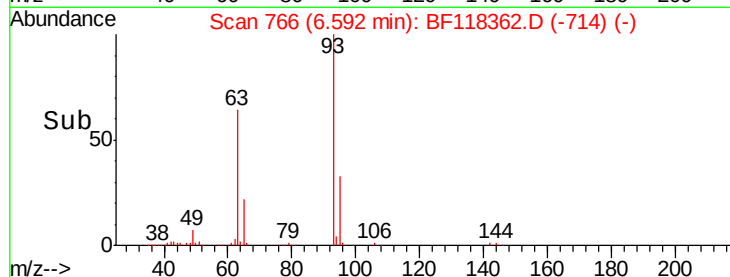
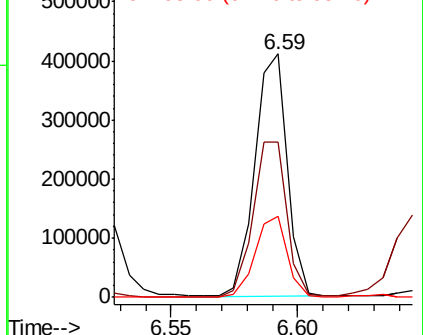
#11
bis(2-Chloroethyl)ether
Concen: 42.494 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.0	47.0	87.0
95	33.3	12.8	52.8

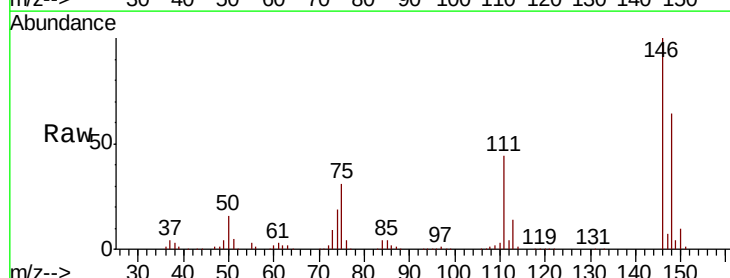


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

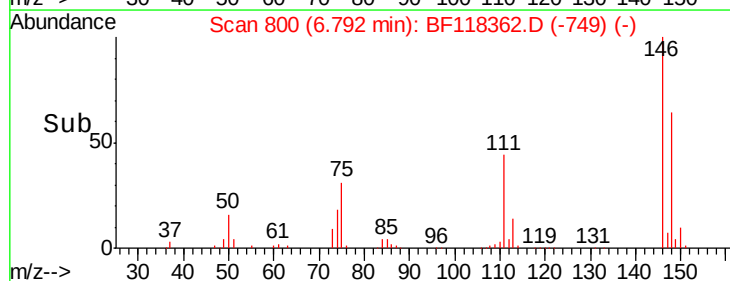
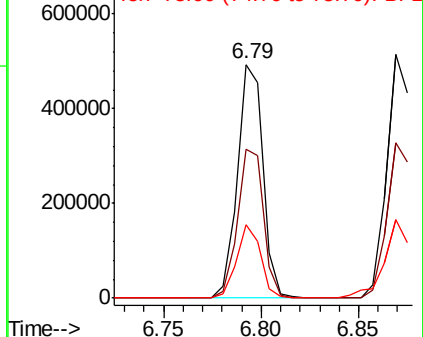


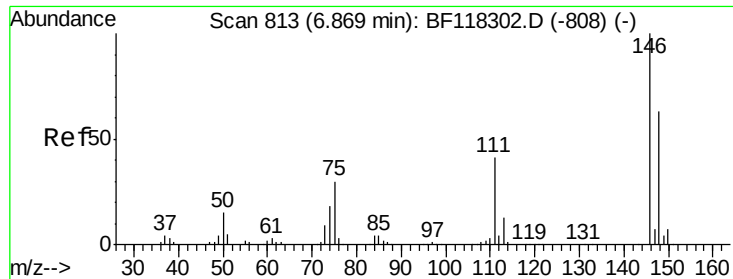
#12
1,3-Dichlorobenzene
Concen: 39.808 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	31.3	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

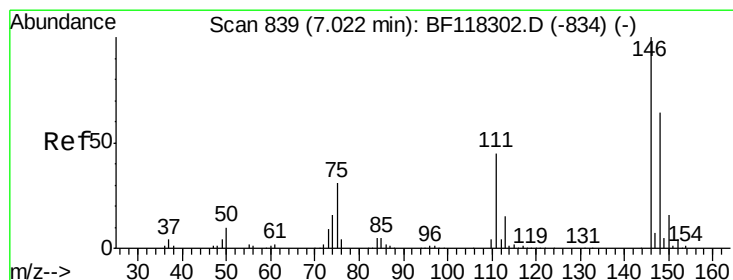
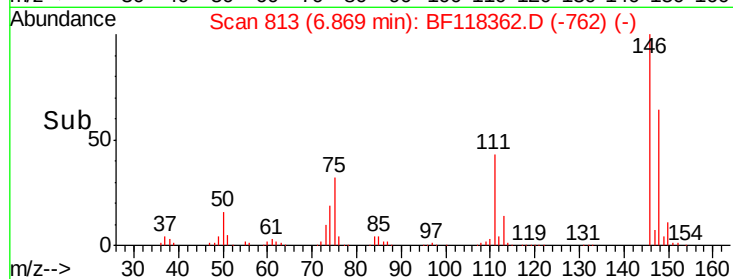
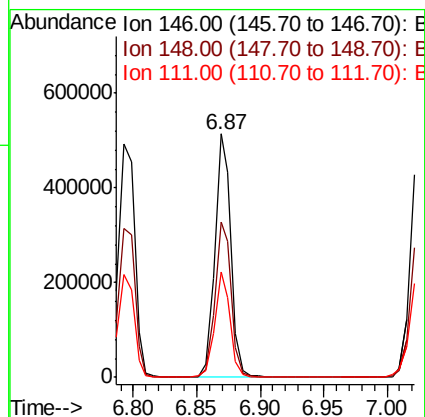
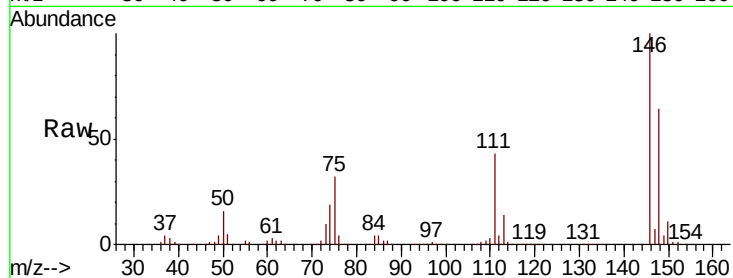




#13
 1,4-Dichlorobenzene
 Concen: 40.238 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

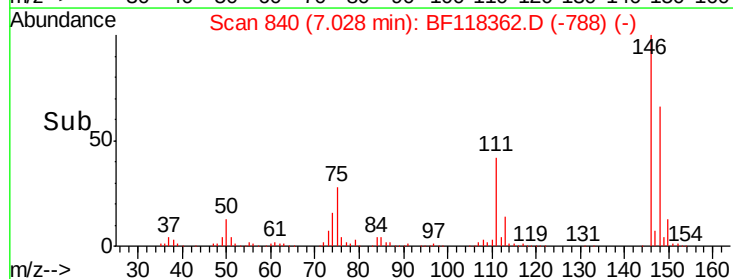
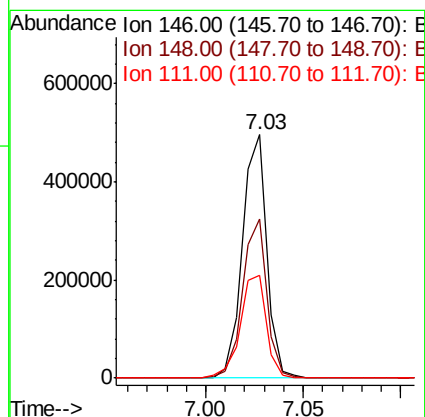
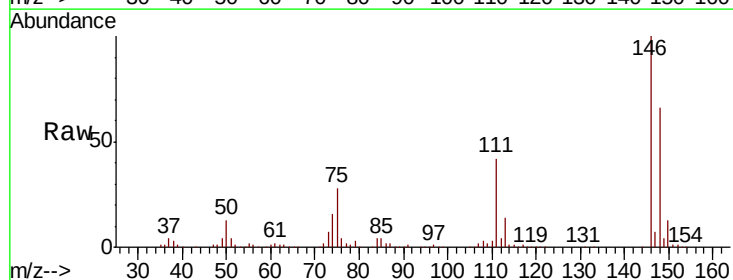
Instrument :
 BNA_F
 ClientSampleId :

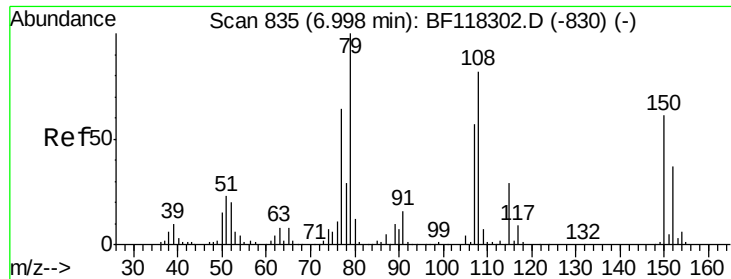
Tot Ion:146 Resp: 460381
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 43.2 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 39.859 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion:146 Resp: 430559
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.3 76.9
 111 42.3 35.7 53.5

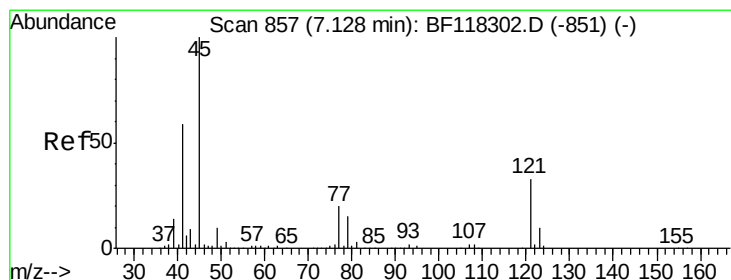
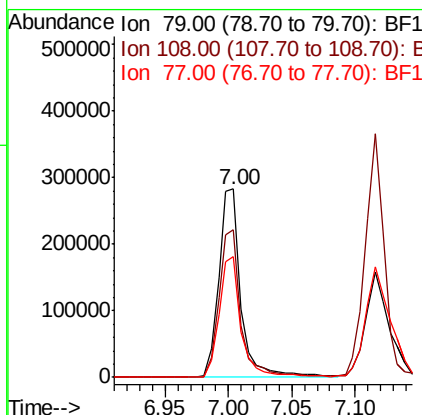
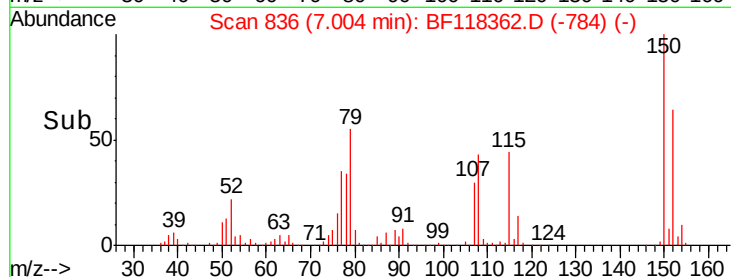
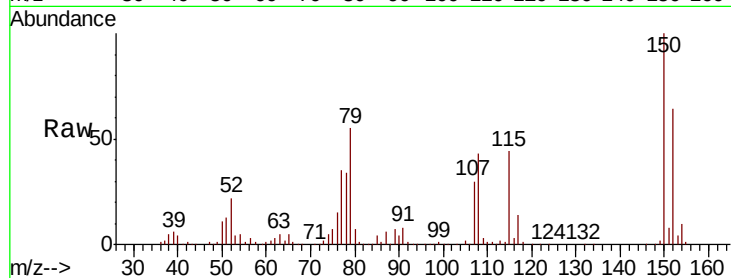




#15
Benzvl Alcohol
Concen: 42.422 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

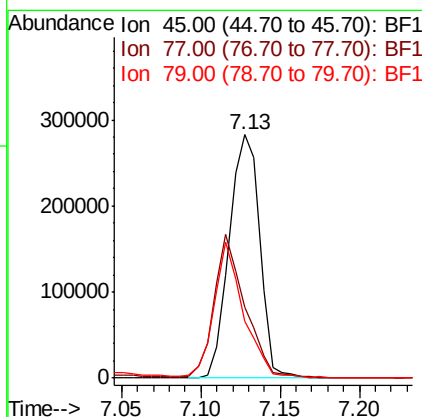
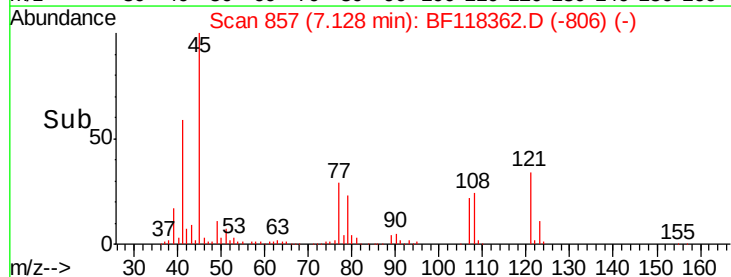
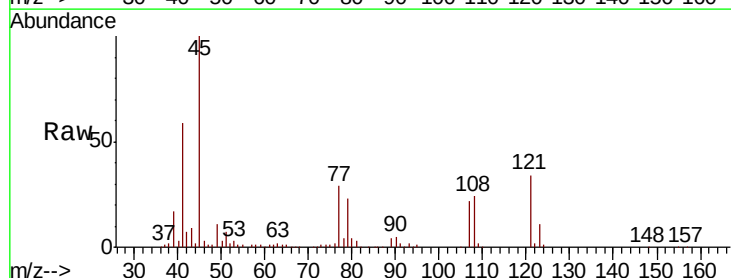
Instrument :
BNA_F
ClientSampled :

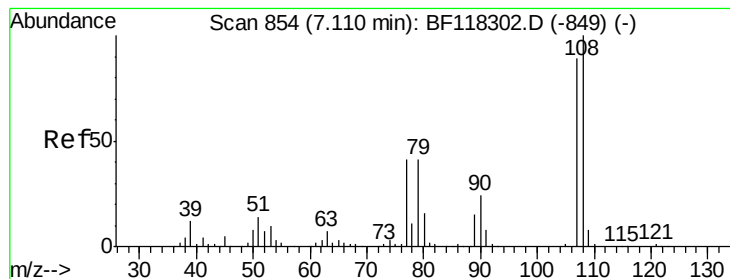
Tot Ion: 79 Resp: 346029
Ion Ratio Lower Upper
79 100
108 78.2 65.4 98.0
77 64.4 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.817 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion: 45 Resp: 375066
Ion Ratio Lower Upper
45 100
77 29.2 1.2 41.2
79 23.4 0.0 37.0





#17

2-Methylphenol

Concen: 43.328 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 339895

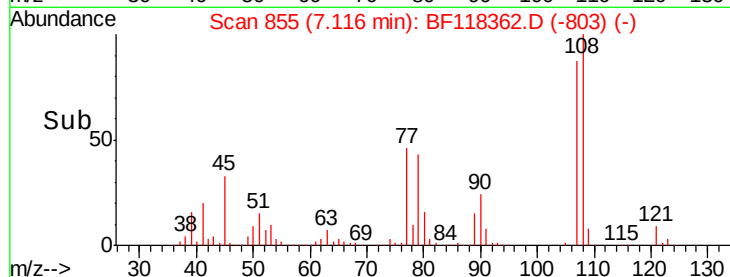
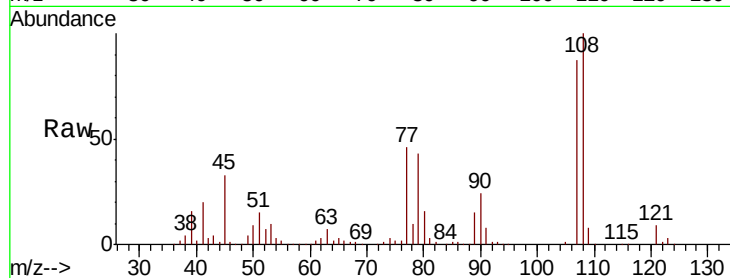
Ion Ratio Lower Upper

107 100

108 114.5 89.7 134.5

77 52.2 37.2 55.8

79 49.6 36.7 55.1

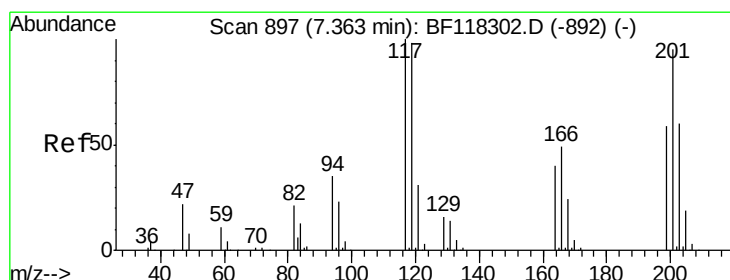
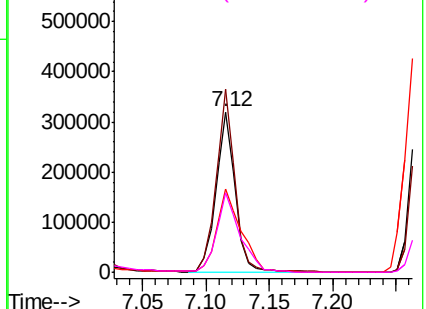


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.014 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

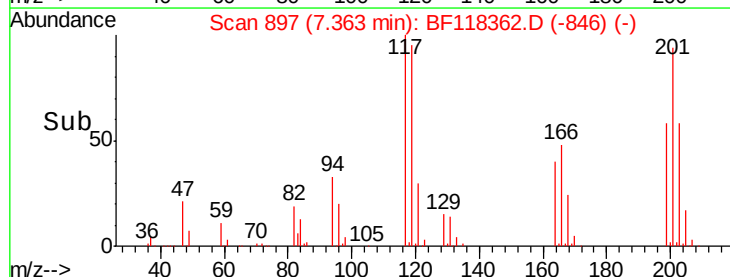
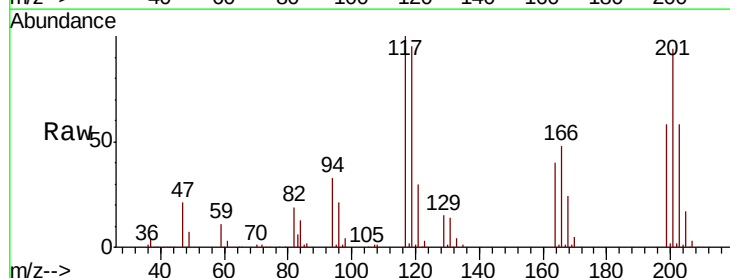
Tgt Ion:117 Resp: 168024

Ion Ratio Lower Upper

117 100

119 95.1 78.0 117.0

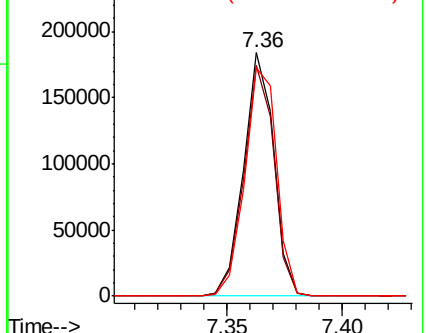
201 94.0 76.2 114.2

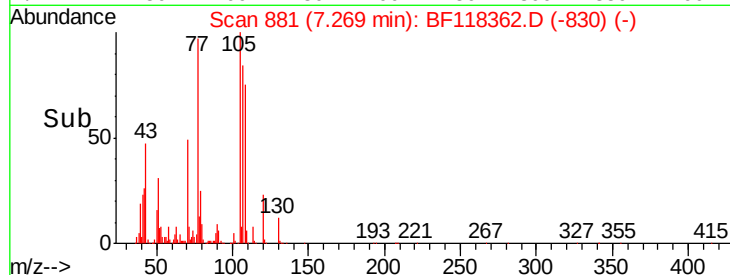
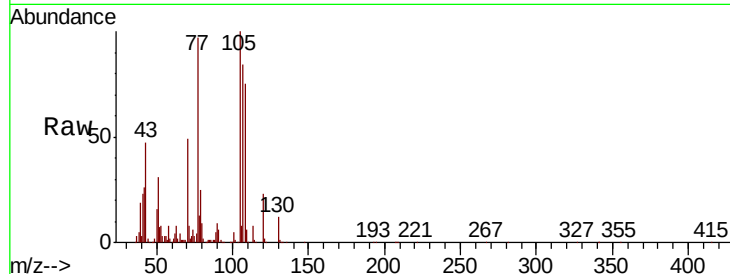
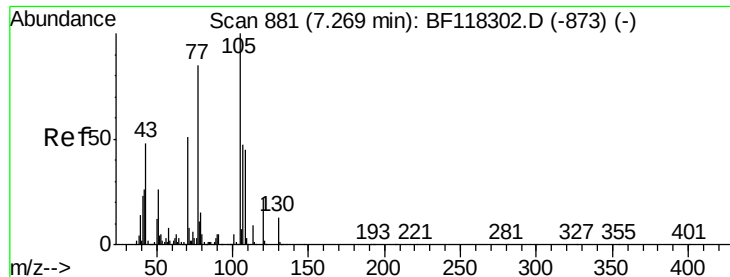


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

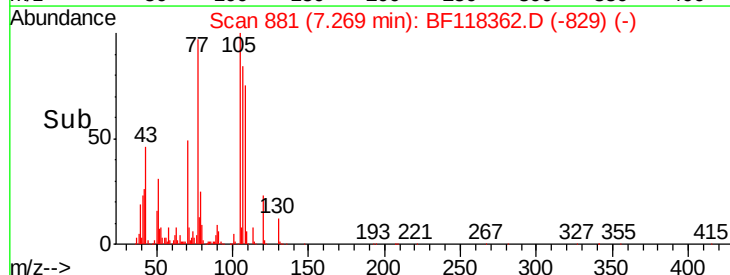
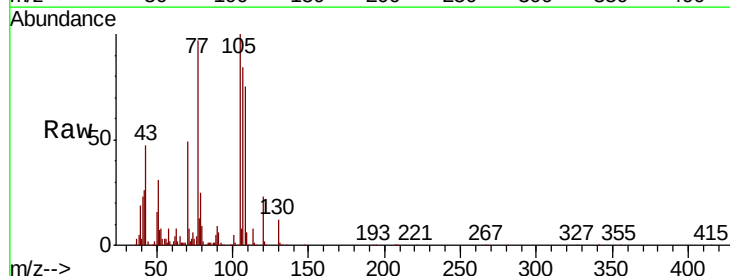
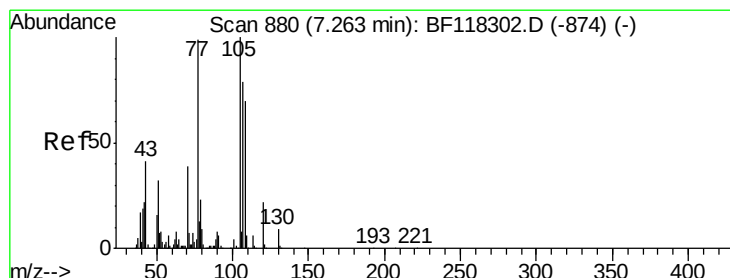
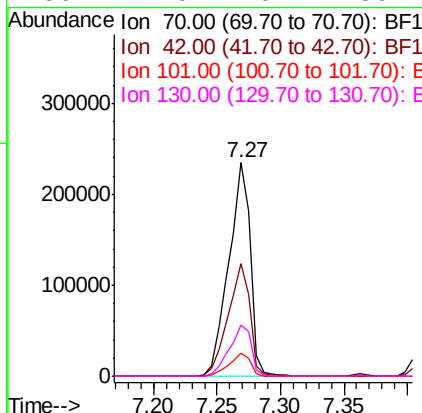




#19
n-Nitroso-di-n-propylamine
Concen: 41.656 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

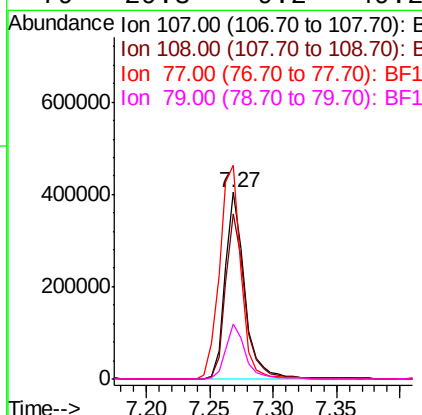
Instrument :
BNA_F
ClientSampleId :

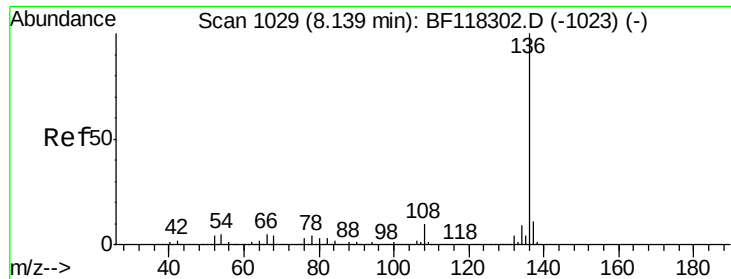
Tot Ion:	70	Resp:	274913
Ion	Ratio	Lower	Upper
70	100		
42	53.0	41.1	61.7
101	10.8	8.3	12.5
130	24.0	20.1	30.1



#20
3+4-Methylphenols
Concen: 42.461 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:	107	Resp:	426313
Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.3	109.3
77	114.5	105.9	145.9
79	29.3	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 615190

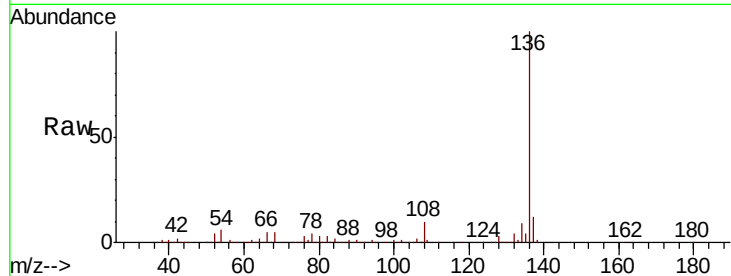
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 5.7 4.2 6.4

68 4.6 3.5 5.3

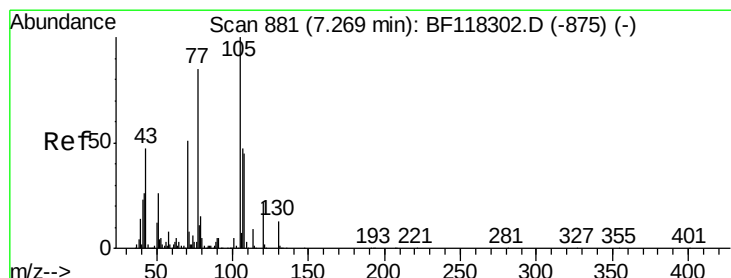
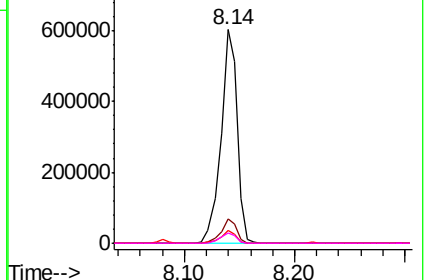
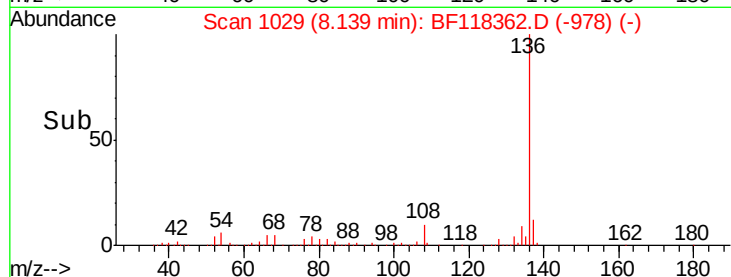


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.857 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Tgt Ion:105 Resp: 570800

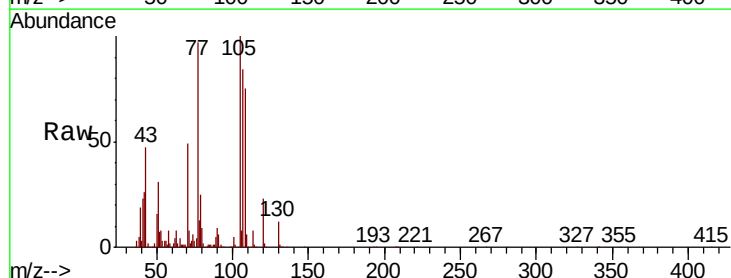
Ion Ratio Lower Upper

105 100

71 8.0 6.6 9.8

51 30.9 20.6 30.8#

120 22.7 18.0 27.0

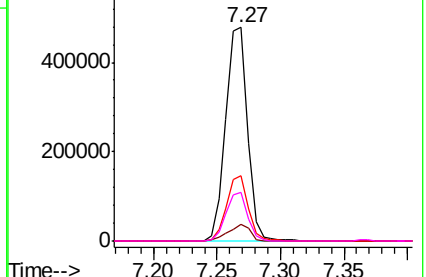
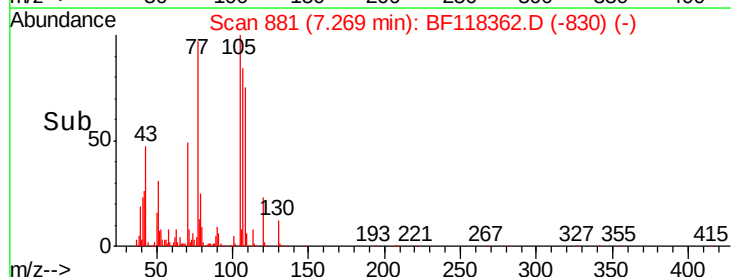


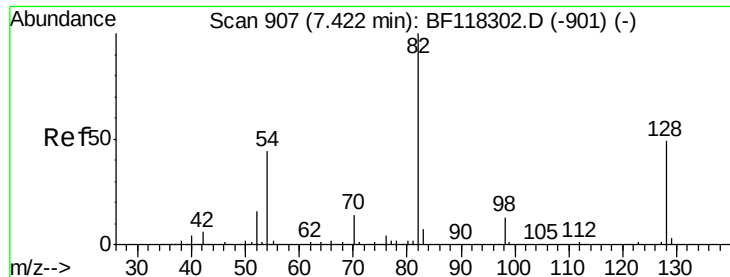
Abundance Ion 105.00 (104.70 to 105.70): E

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

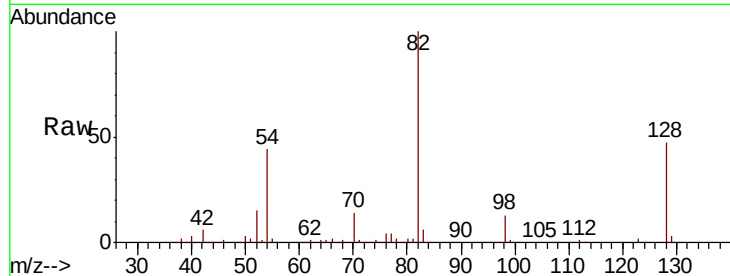




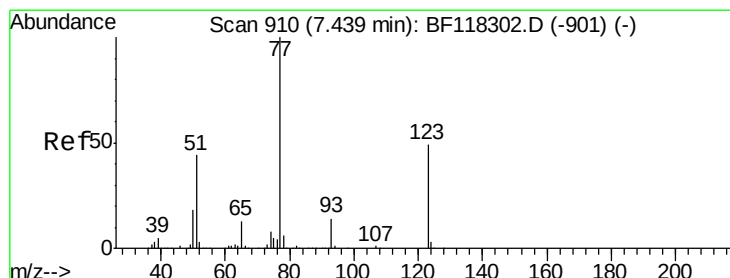
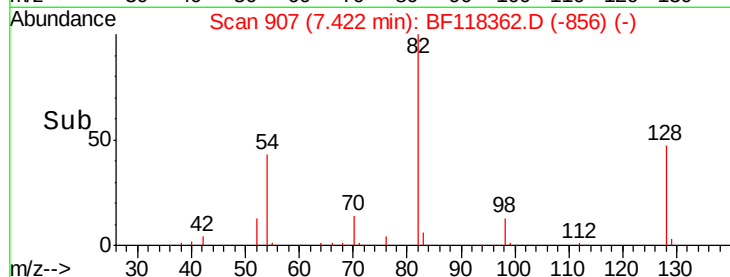
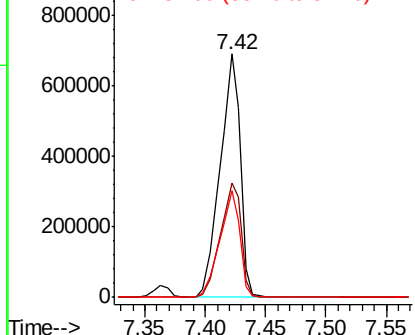
#23
 Nitrobenzene-d5
 Concen: 73.914 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.6	59.4
54	43.6	34.9	52.3

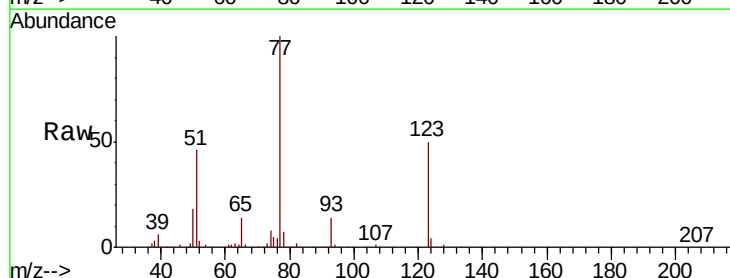


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

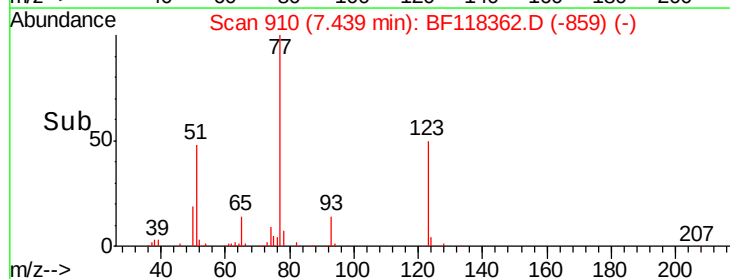
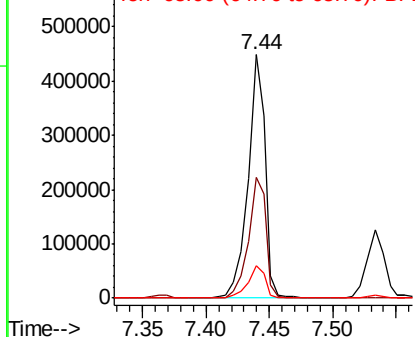


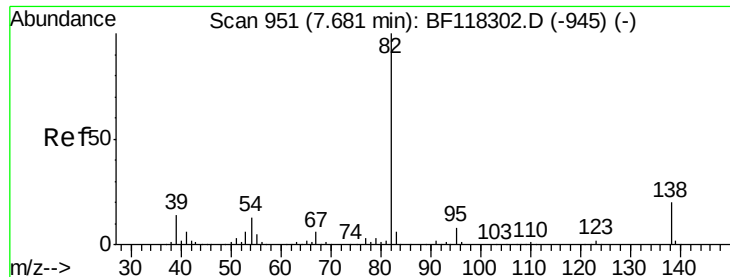
#24
 Nitrobenzene
 Concen: 38.755 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

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



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





#25

Isophorone

Concen: 40.002 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

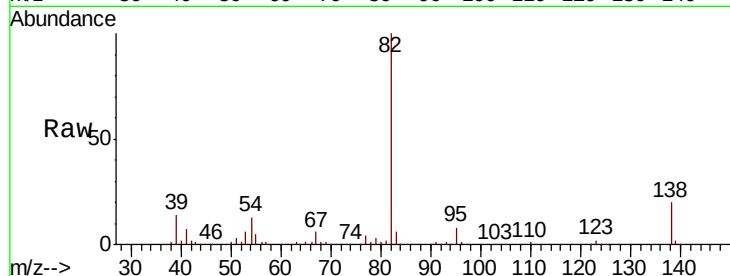
Tot Ion: 82 Resp: 749858

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

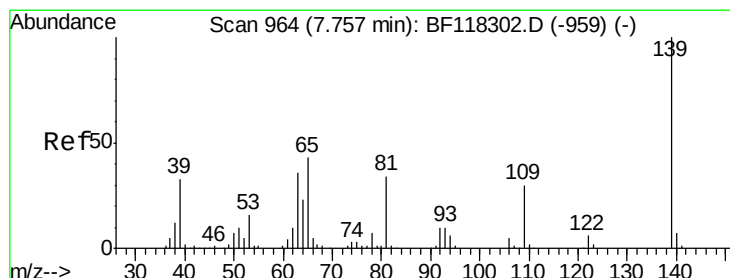
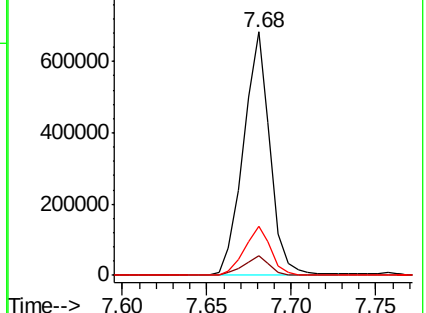
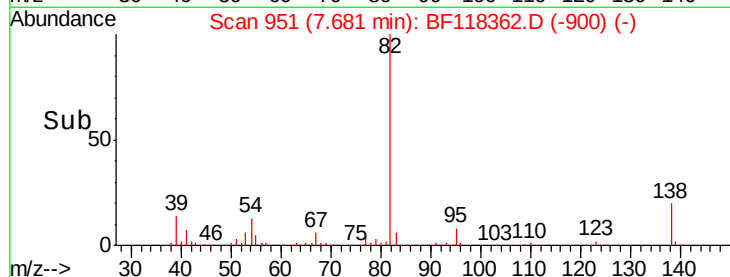
138 19.9 16.2 24.2



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: 41.999 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

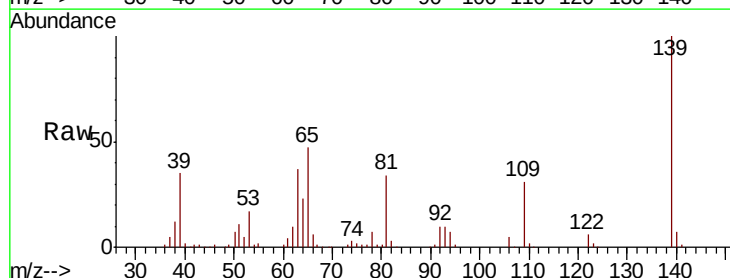
Tgt Ion: 139 Resp: 239688

Ion Ratio Lower Upper

139 100

109 30.7 24.1 36.1

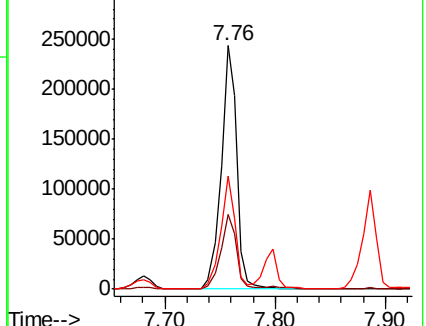
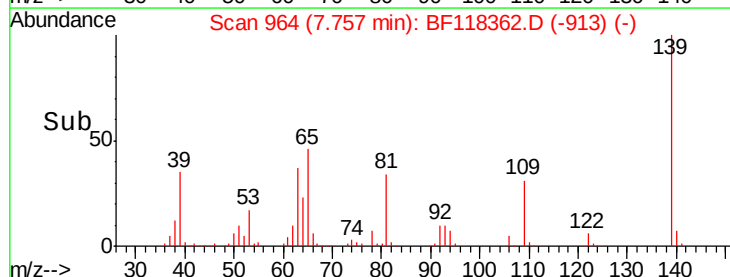
65 46.7 34.6 52.0

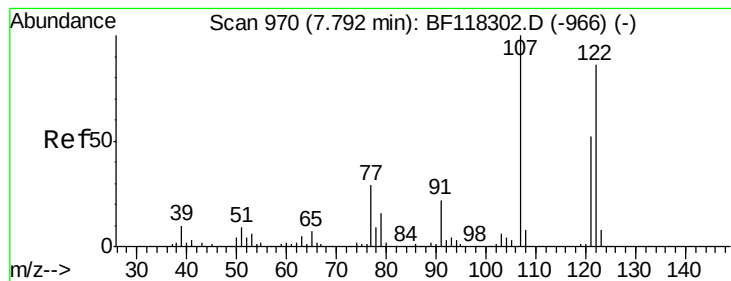


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.942 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

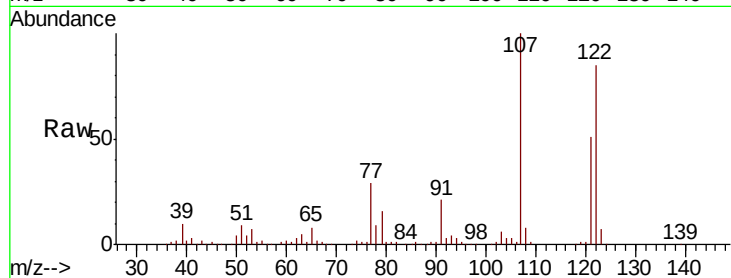
Tot Ion:122 Resp: 365515

Ion Ratio Lower Upper

122 100

107 117.3 92.9 139.3

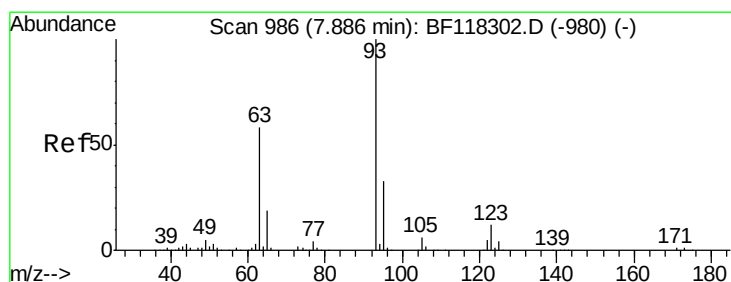
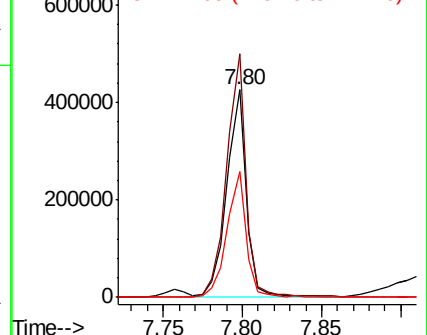
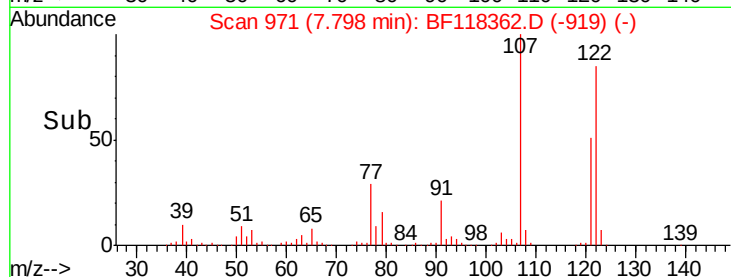
121 60.4 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.834 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

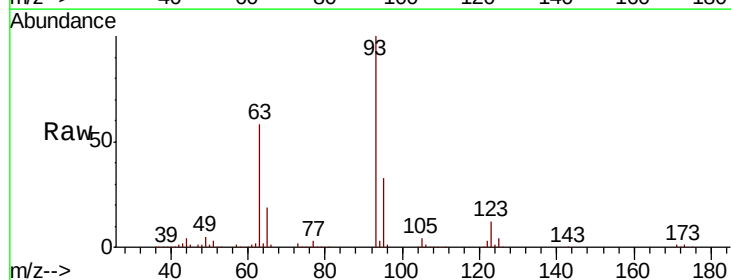
Tgt Ion: 93 Resp: 476080

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

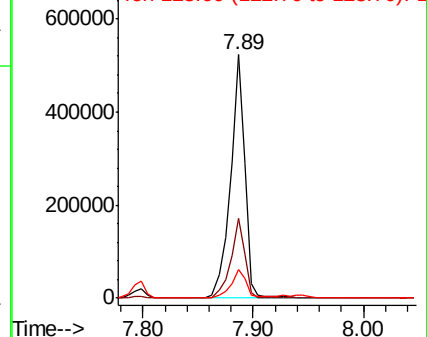
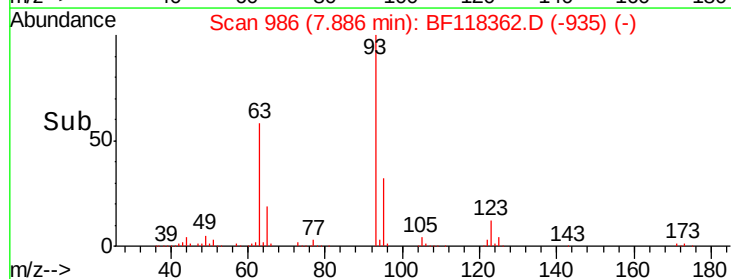
123 11.6 9.8 14.8

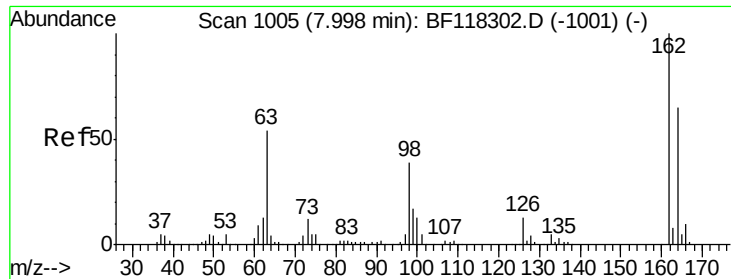


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

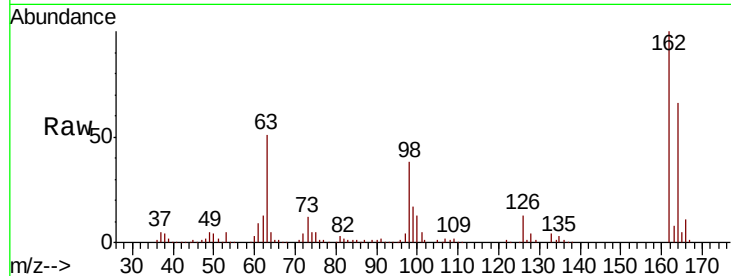




#29
 2,4-Dichlorophenol
 Concen: 40.239 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.1	85.1
98	37.7	18.6	58.6

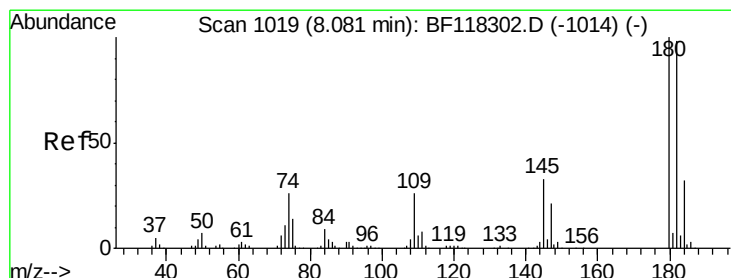
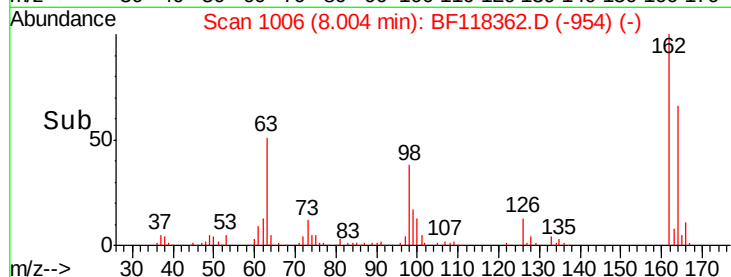
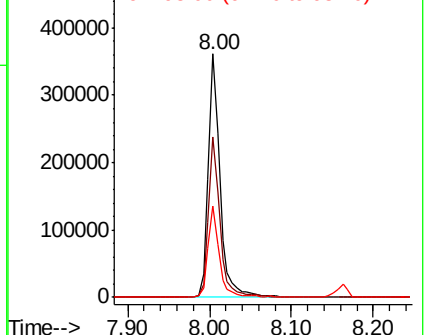


Abundance

Ion 162.00 (161.70 to 162.70): E

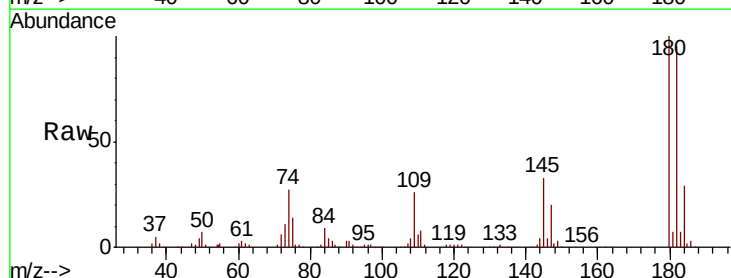
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.149 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.3	117.5
145	32.8	26.7	40.1

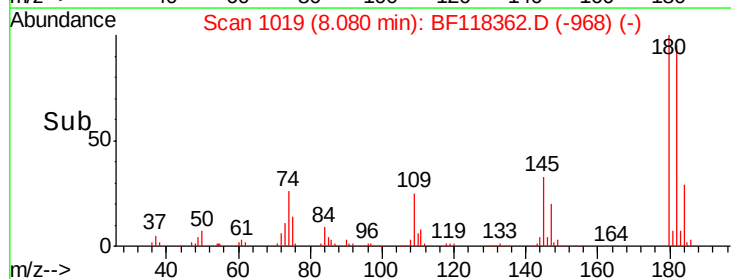
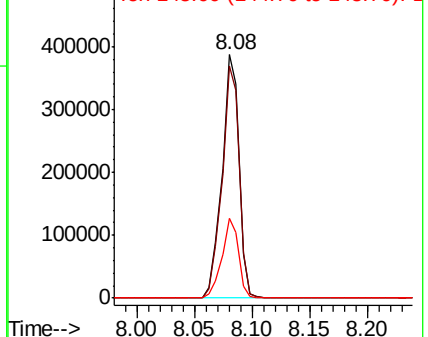


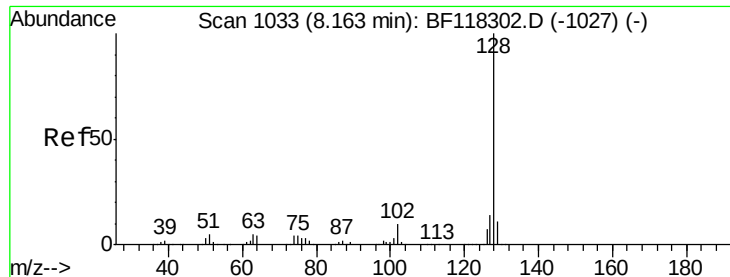
Abundance

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

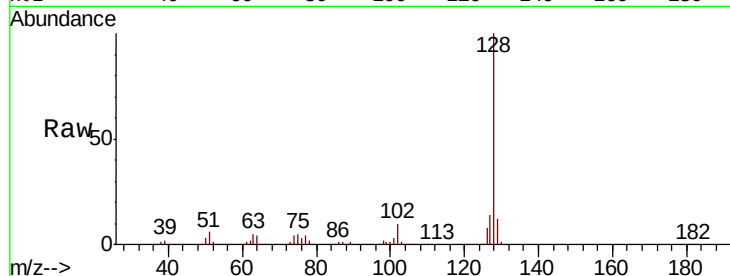




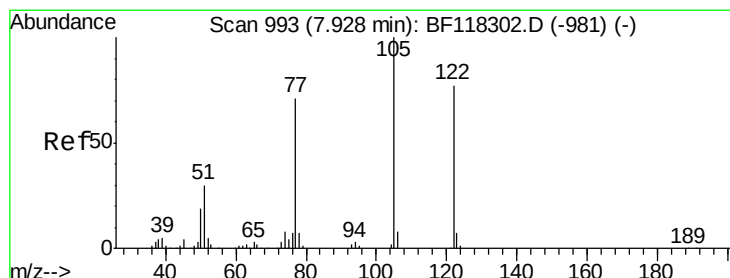
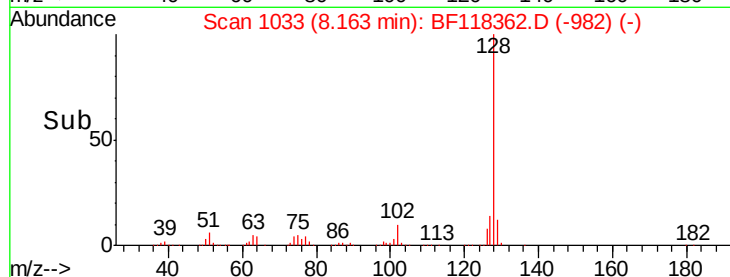
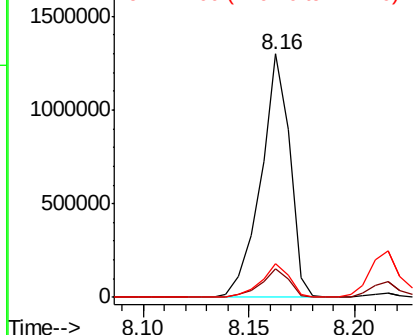
#31
Naphthalene
Concen: 39.663 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1240169
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.7 11.0 16.4

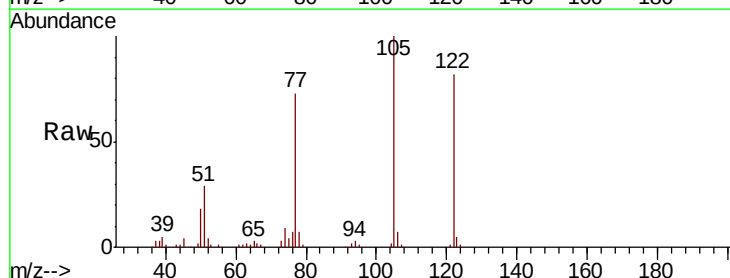


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

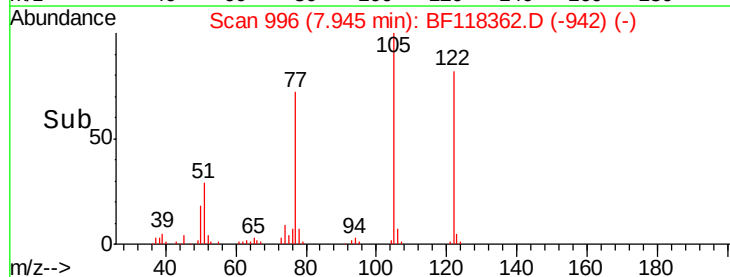
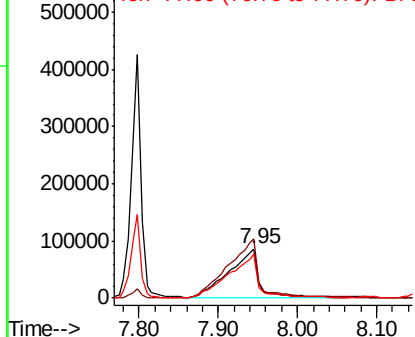


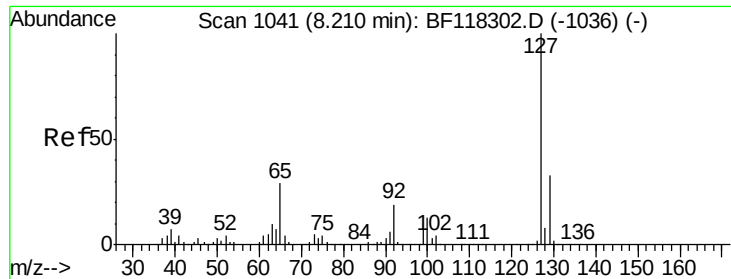
#32
Benzoic acid
Concen: 35.823 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:122 Resp: 224808
Ion Ratio Lower Upper
122 100
105 121.8 106.8 146.8
77 88.7 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

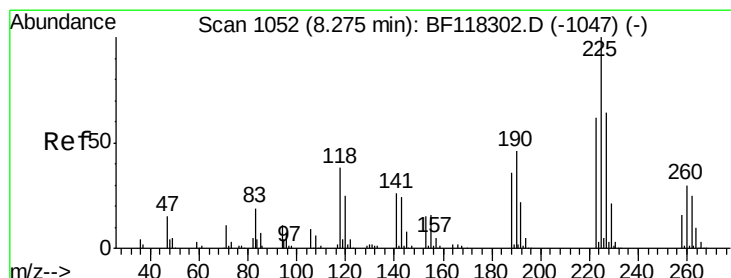
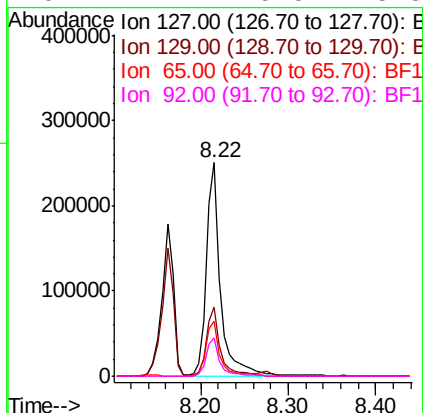
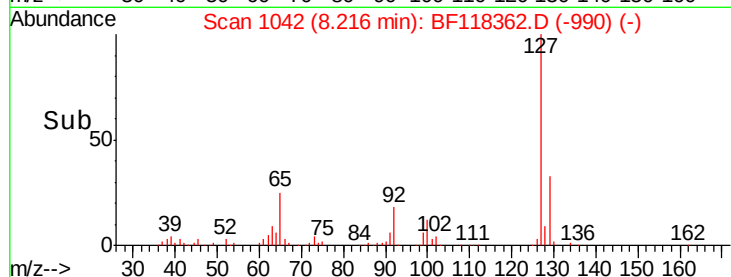
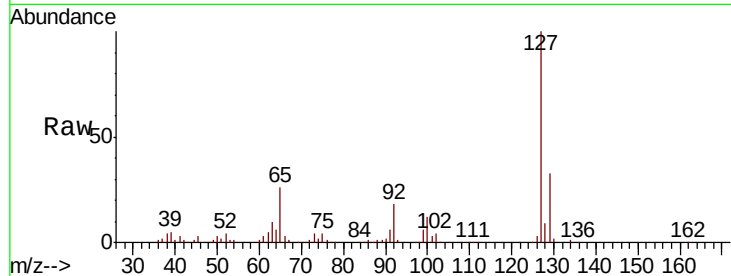




#33
4-Chloroaniline
Concen: 20.985 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

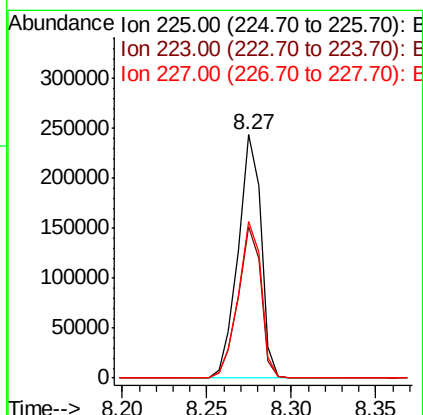
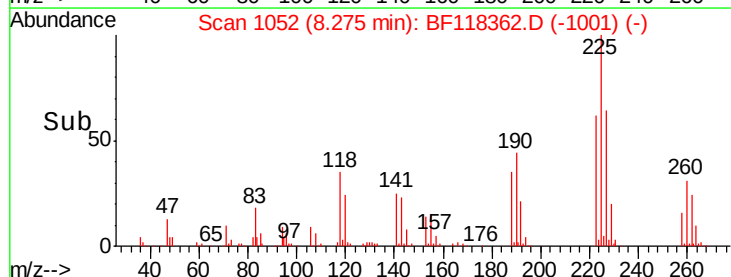
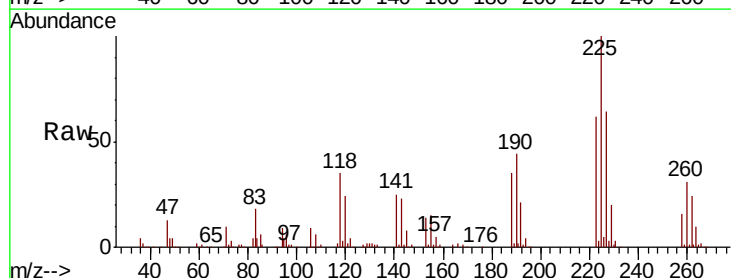
Instrument :
BNA_F
ClientSampleId :

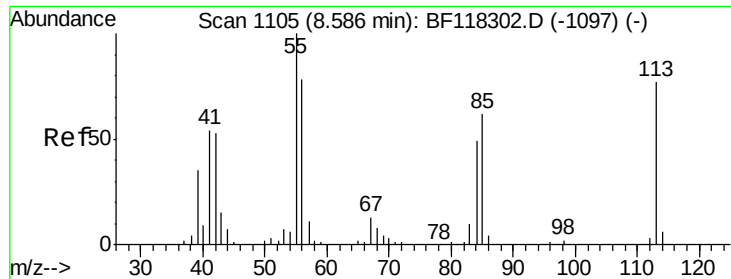
Tot Ion:127	Resp:	281288
Ion	Ratio	Lower Upper
127	100	
129	32.7	26.5 39.7
65	25.8	22.8 34.2
92	17.7	15.5 23.3



#34
Hexachlorobutadiene
Concen: 37.228 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:225	Resp:	231358
Ion	Ratio	Lower Upper
225	100	
223	62.2	49.5 74.3
227	64.1	51.0 76.4

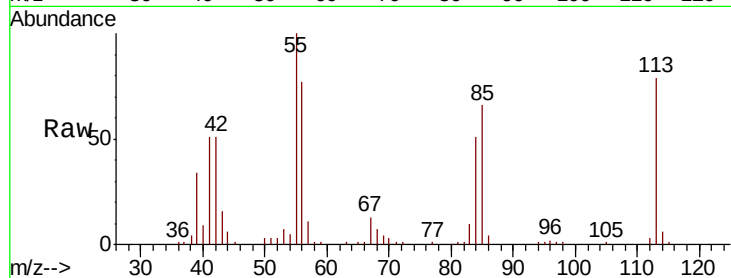




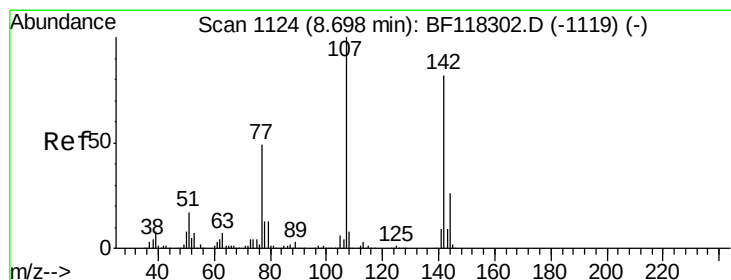
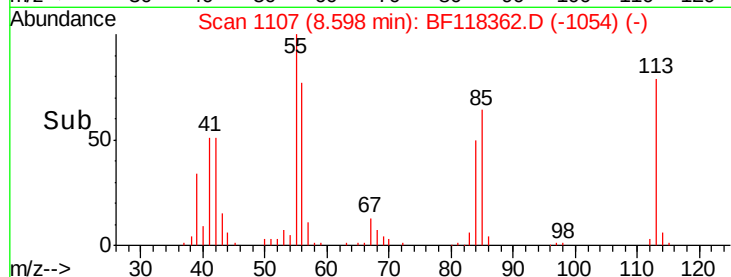
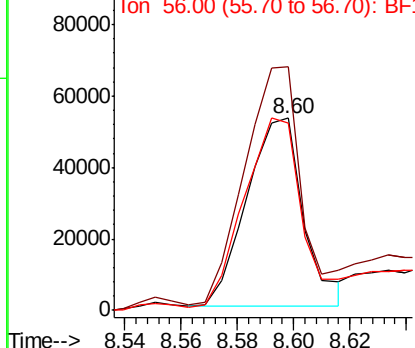
#35
 Caprolactam
 Concen: 26.312 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 73621
 Ion Ratio Lower Upper
 113 100
 55 126.7 109.8 149.8
 56 97.5 81.7 121.7

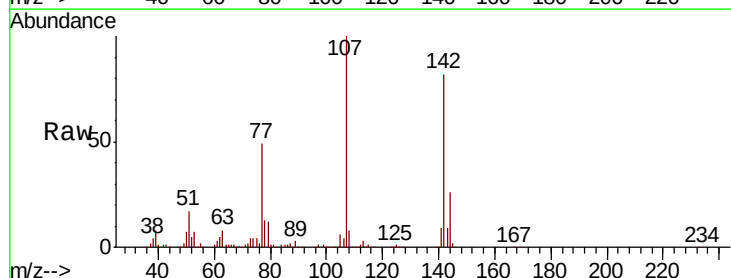


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

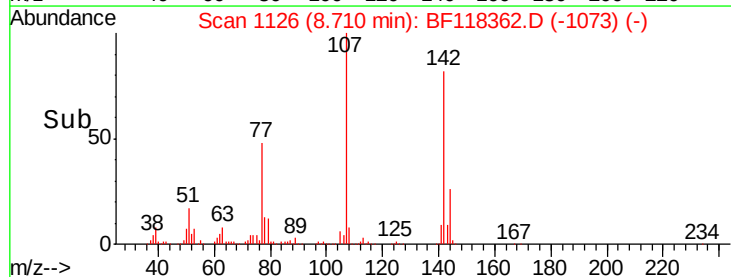
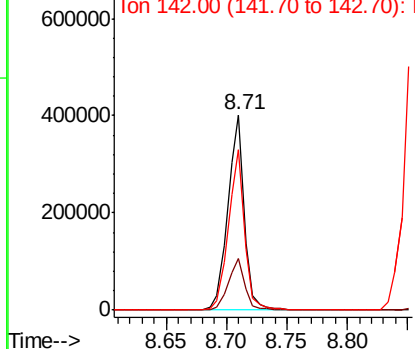


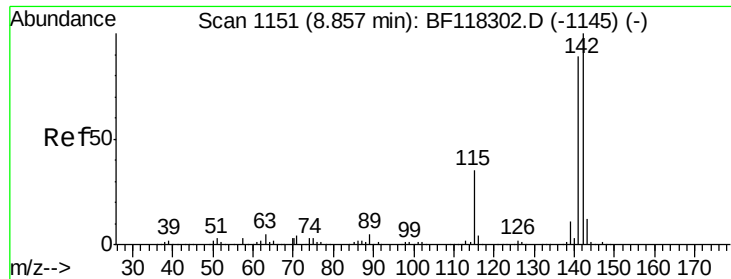
#36
 4-Chloro-3-methylphenol
 Concen: 39.518 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion:107 Resp: 380257
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.2 31.8
 142 81.8 65.4 98.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

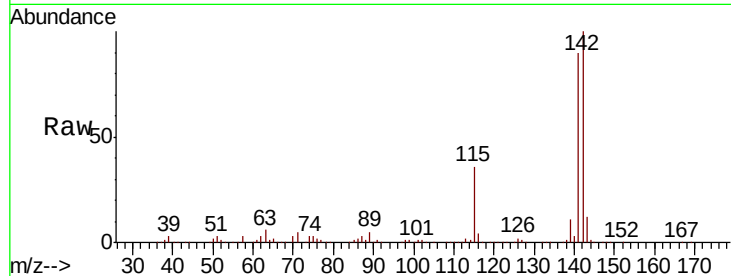




#37
2-Methylnaphthalene
Concen: 40.563 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8
115	35.7	28.0	42.0

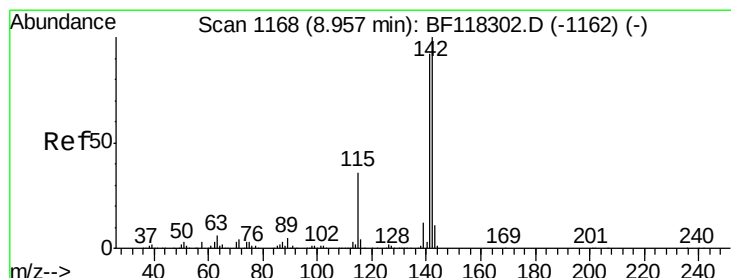
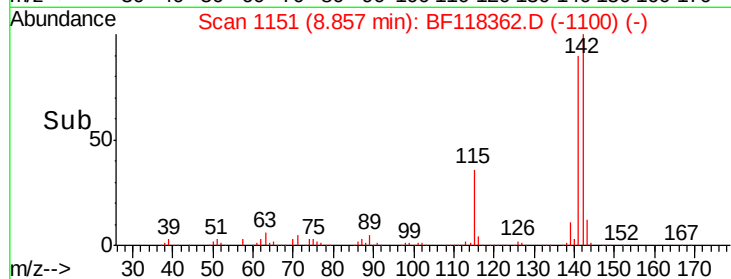
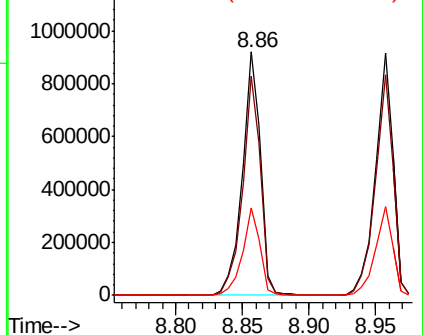


Abundance

Ion 142.00 (141.70 to 142.70): E

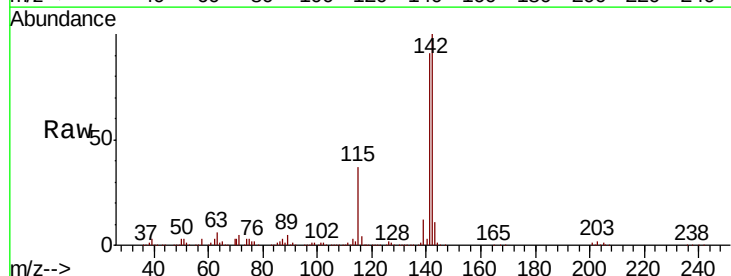
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.659 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.4	110.2
116	3.9	2.9	4.3

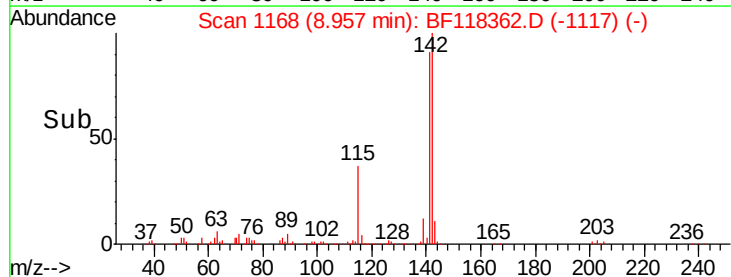
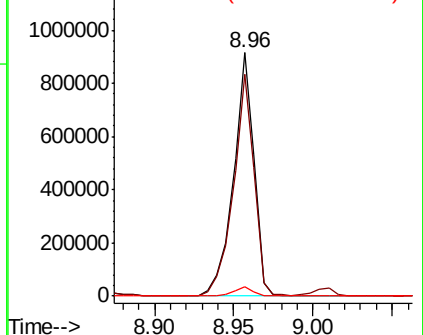


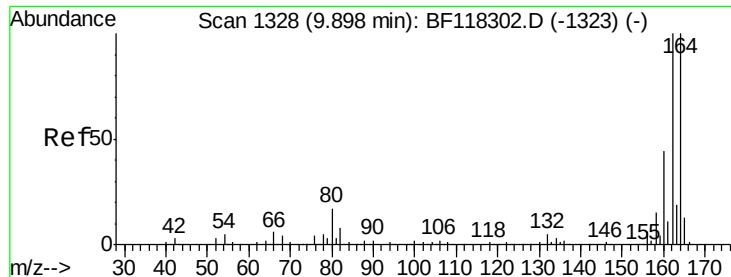
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

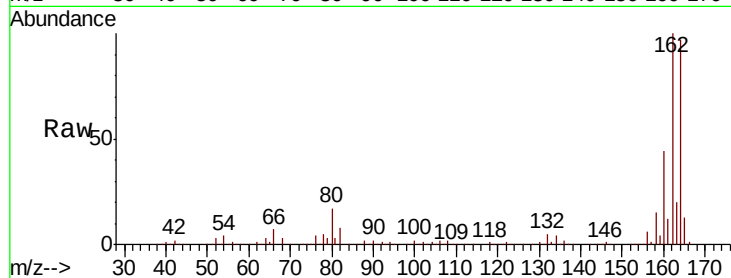
Tot Ion:164 Resp: 333428

Ion Ratio Lower Upper

164 100

162 102.7 80.0 120.0

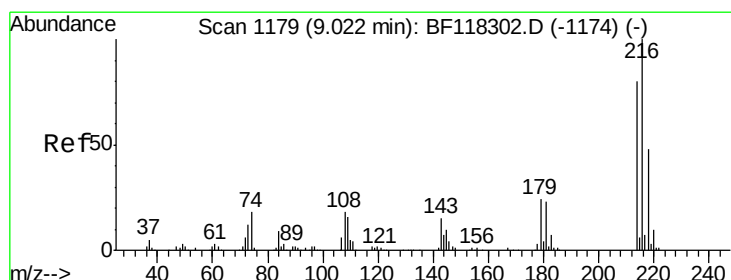
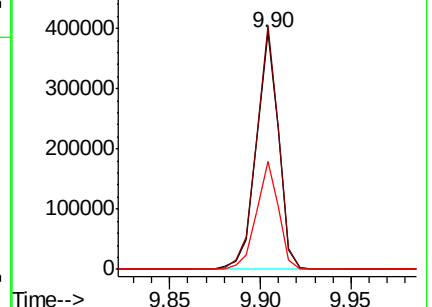
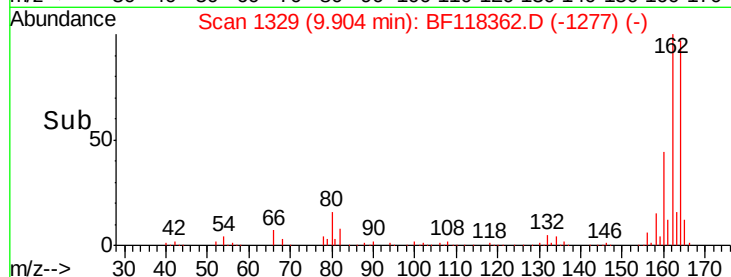
160 45.6 34.8 52.2



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: 37.678 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Tgt Ion:216 Resp: 377462

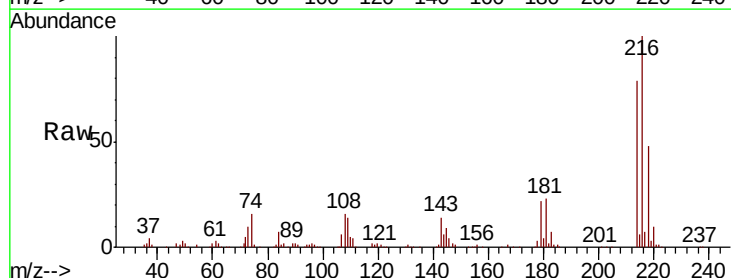
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 23.0 18.9 28.3

108 19.4 15.0 22.6

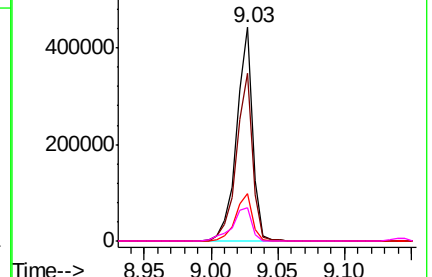
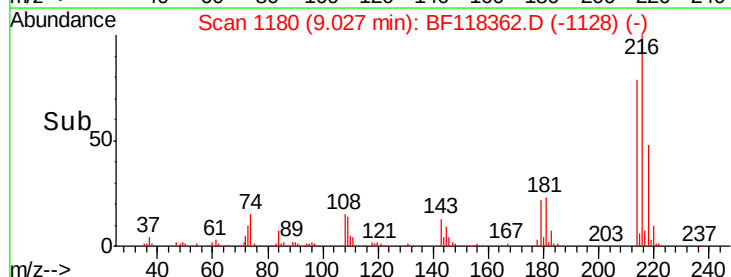


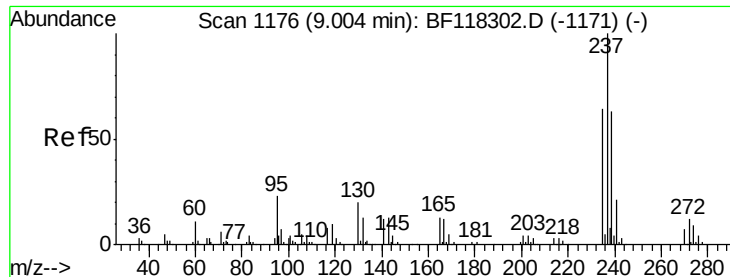
Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.960 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

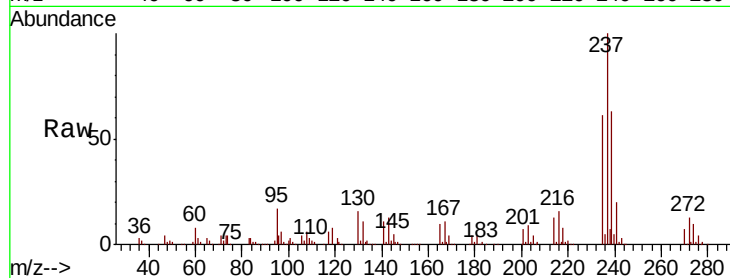
Tot Ion:237 Resp: 213645

Ion Ratio Lower Upper

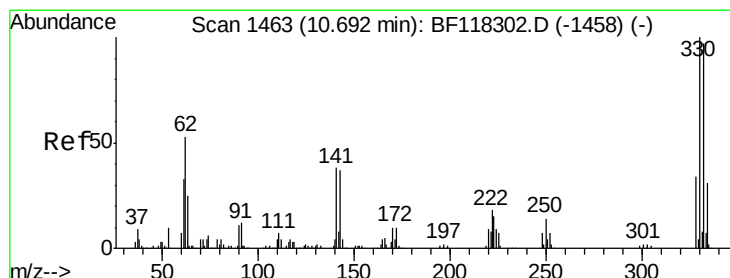
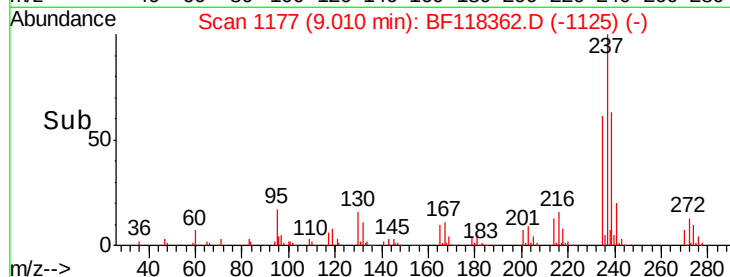
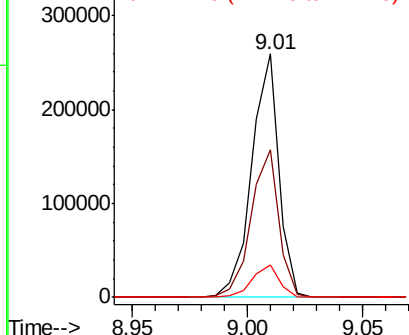
237 100

235 60.8 43.8 83.8

272 13.3 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: 103.998 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

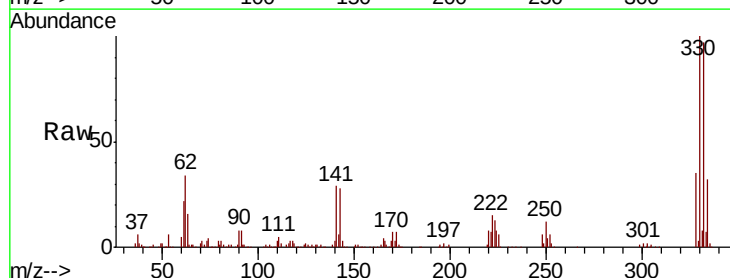
Tgt Ion:330 Resp: 428220

Ion Ratio Lower Upper

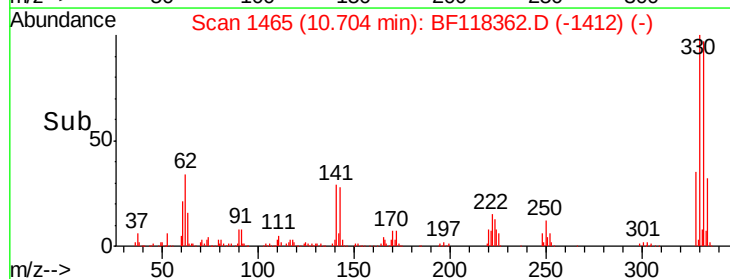
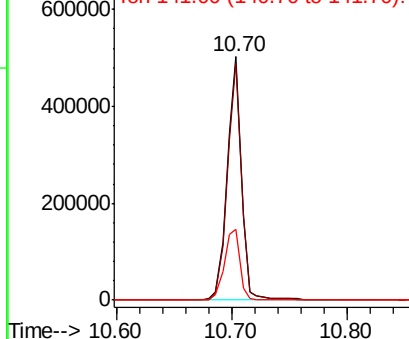
330 100

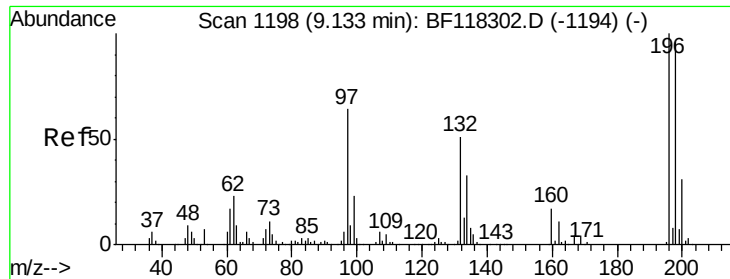
332 96.9 76.6 114.8

141 32.1 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

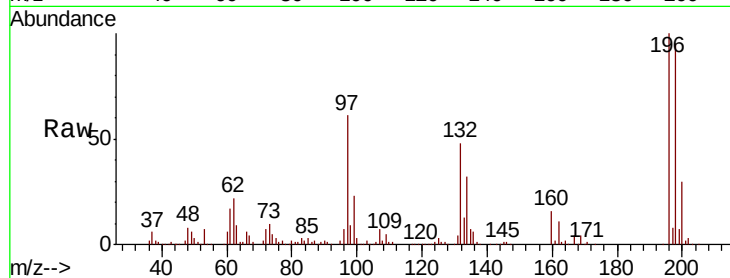




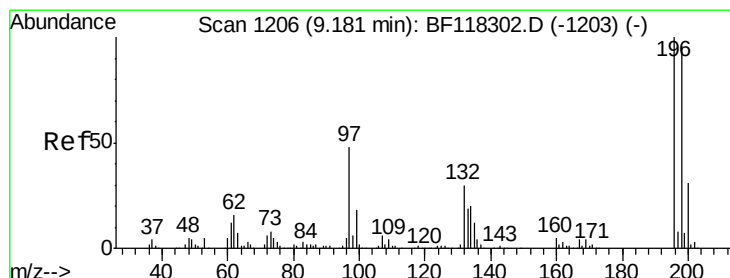
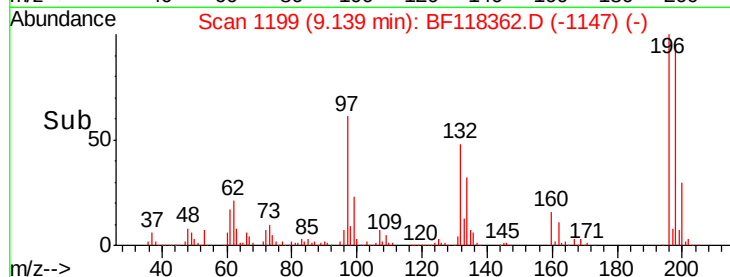
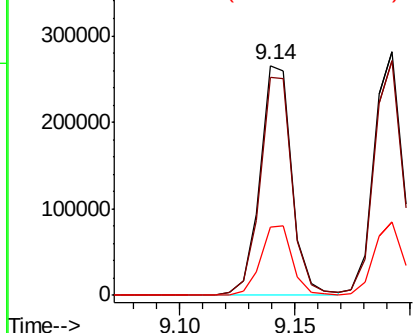
#43
 2,4,6-Trichlorophenol
 Concen: 38.323 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 256485
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.7 115.1
 200 29.6 24.8 37.2

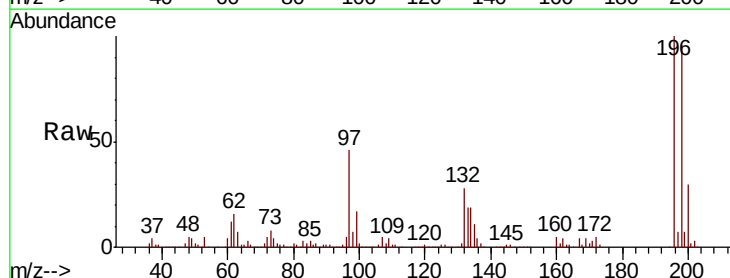


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

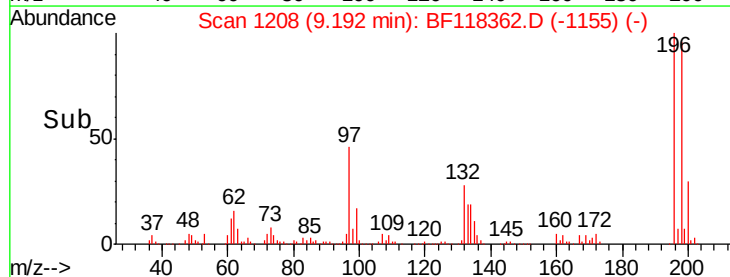
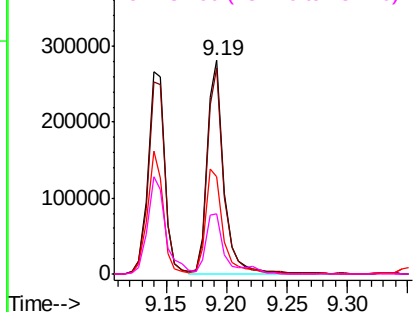


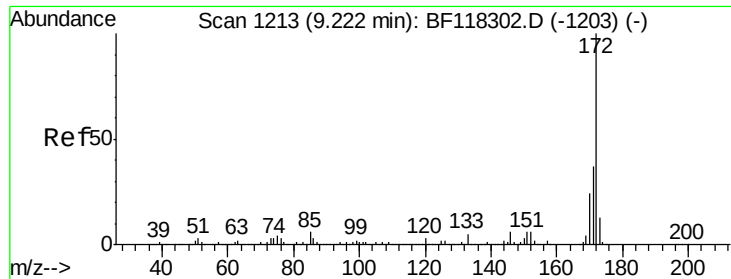
#44
 2,4,5-Trichlorophenol
 Concen: 38.780 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion:196 Resp: 266994
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.0 115.4
 97 45.7 38.9 58.3
 132 28.0 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

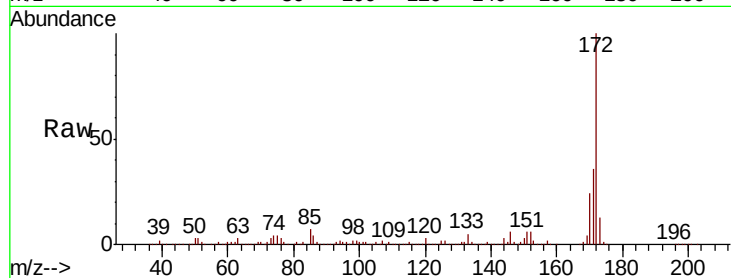




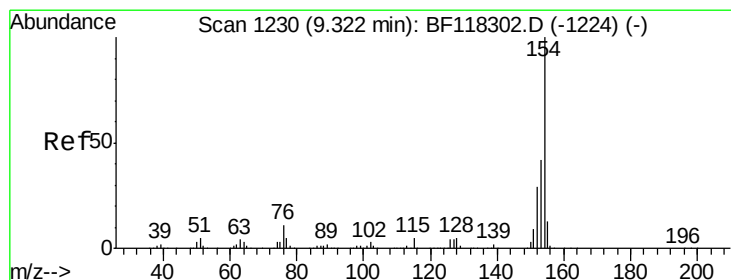
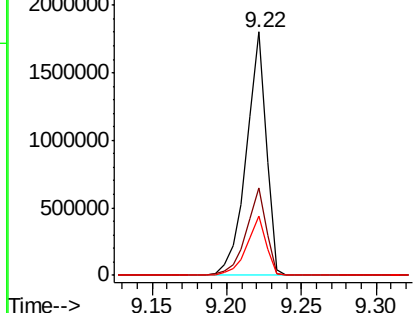
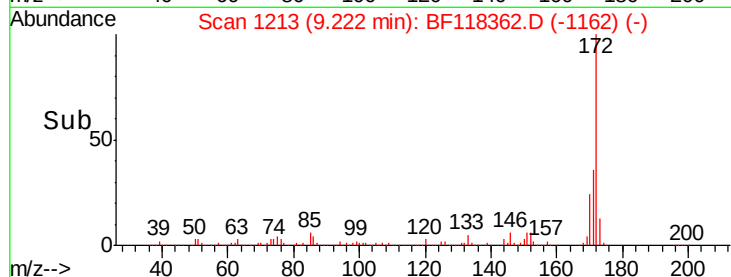
#45
2-Fluorobiphenyl
Concen: 75.942 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1658809
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 24.2 19.2 28.8

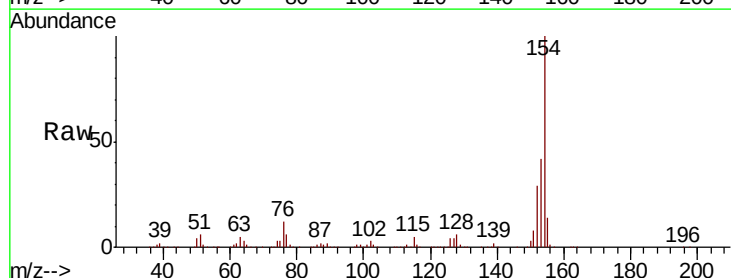


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

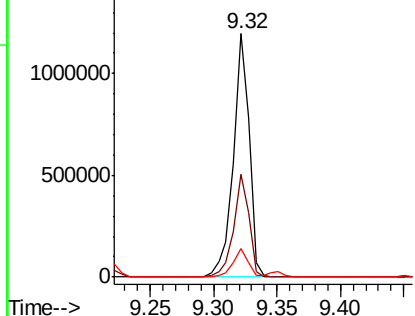
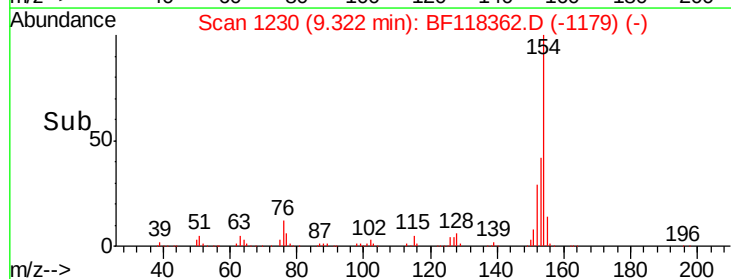


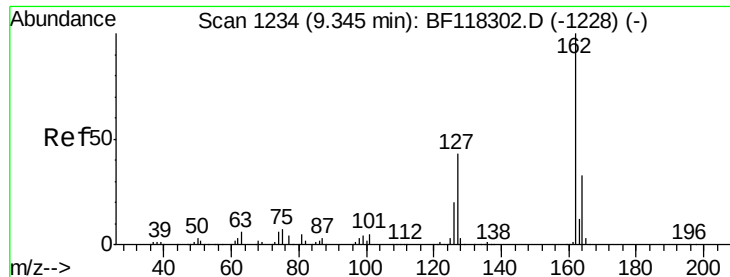
#46
1,1'-Biphenyl
Concen: 38.608 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:154 Resp: 1018166
Ion Ratio Lower Upper
154 100
153 42.0 21.8 61.8
76 11.9 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

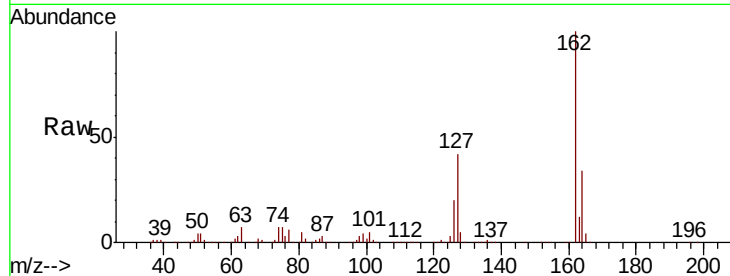




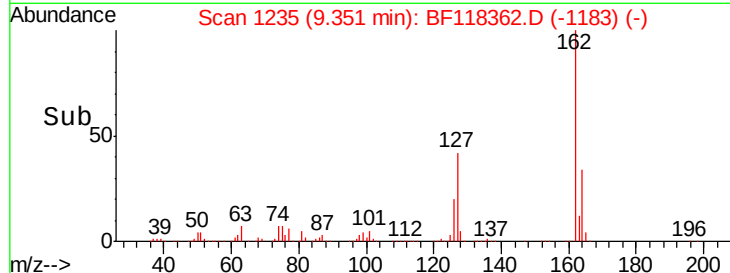
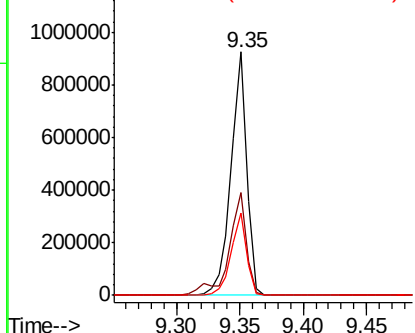
#47
 2-Chloronaphthalene
 Concen: 37.466 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	35.0	52.4
164	33.9	26.6	40.0

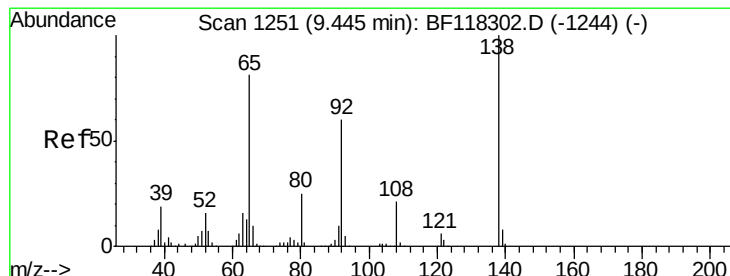


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

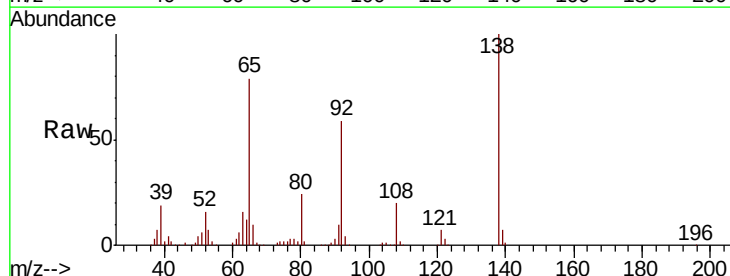
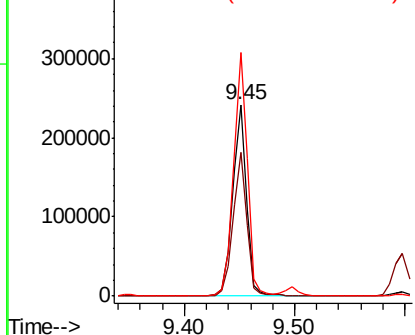


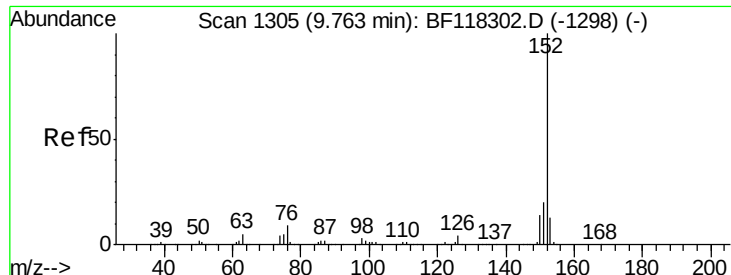
#48
 2-Nitroaniline
 Concen: 35.777 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	58.7	88.1
138	127.1	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: 39.387 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

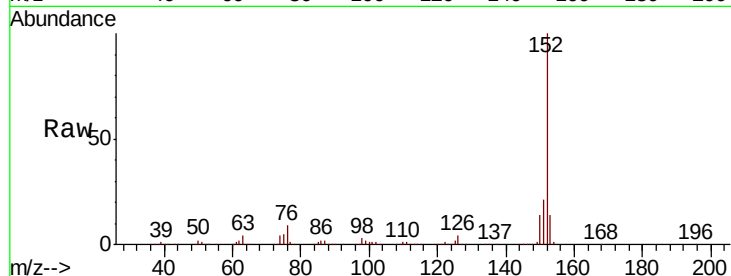
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1239891

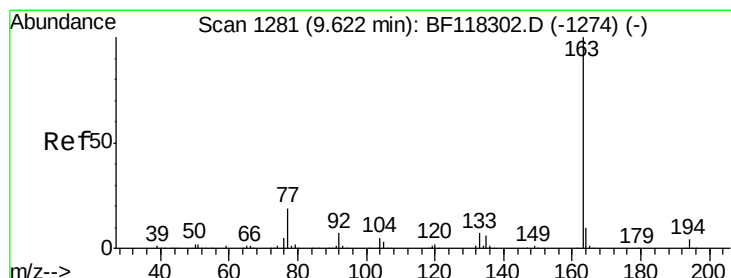
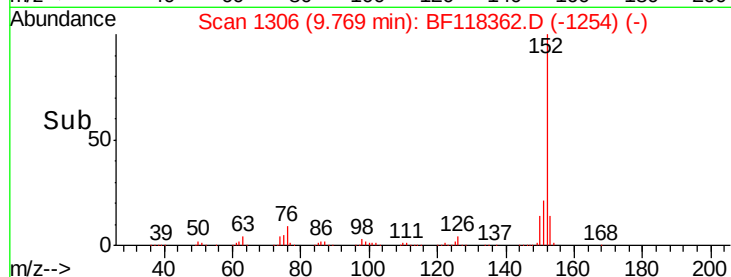
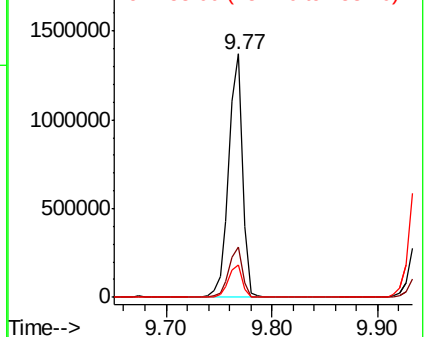
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2
153	13.5	10.5	15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.951 ng

RT: 9.62 min Scan# 1281

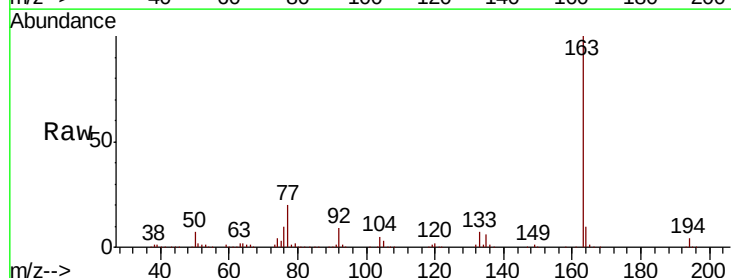
Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Tgt Ion:163 Resp: 949848

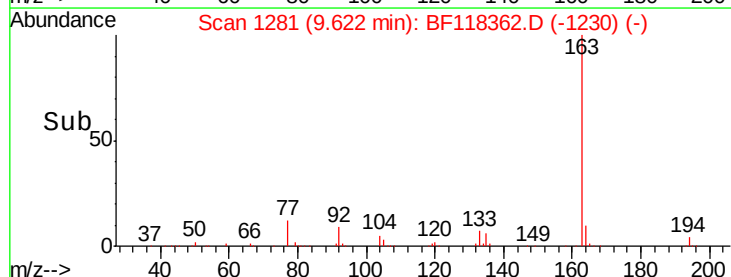
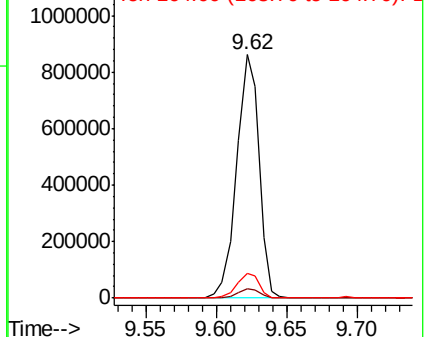
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.9	11.9

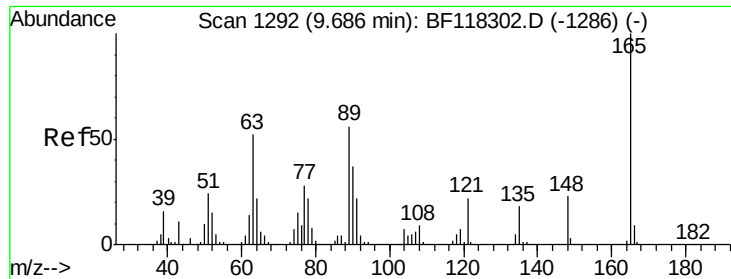


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.632 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

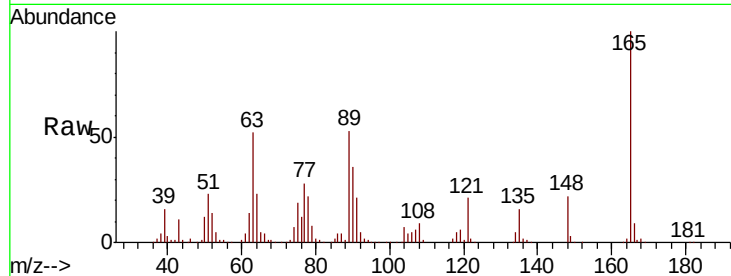
Tot Ion:165 Resp: 208455

Ion Ratio Lower Upper

165 100

63 51.5 42.2 63.4

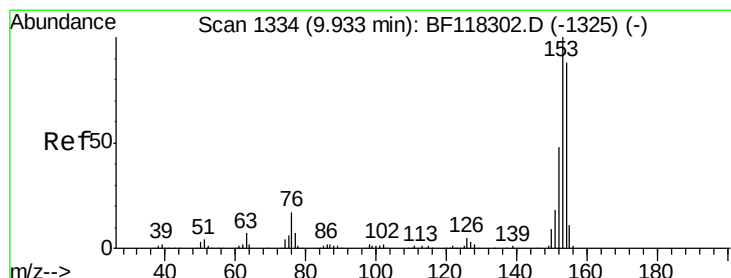
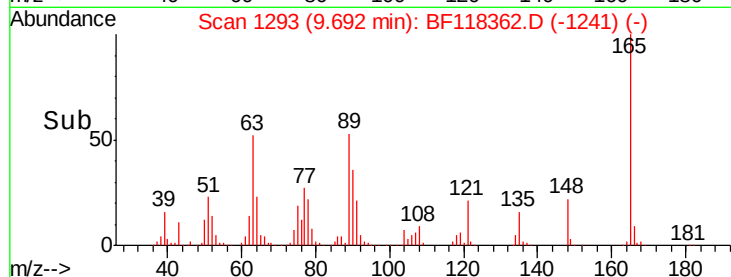
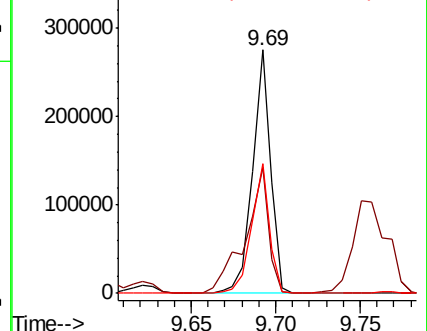
89 53.2 44.4 66.6



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: 37.773 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

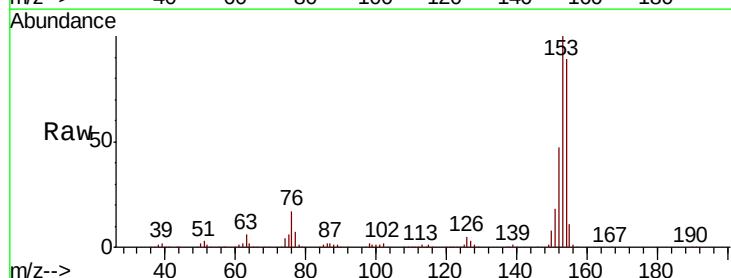
Tgt Ion:154 Resp: 724276

Ion Ratio Lower Upper

154 100

153 111.8 90.6 136.0

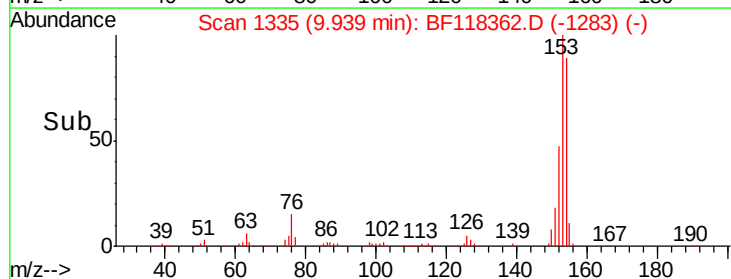
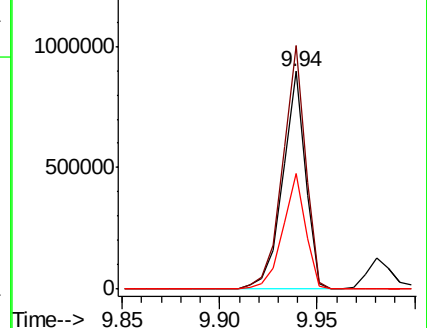
152 53.0 43.1 64.7

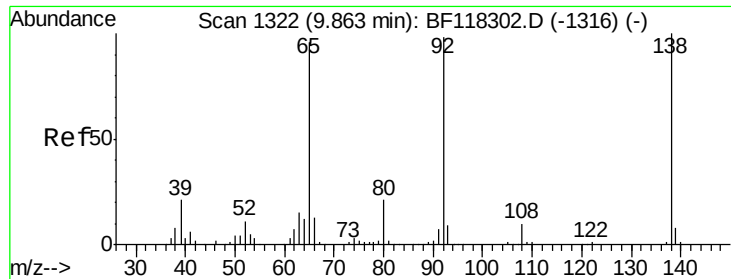


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

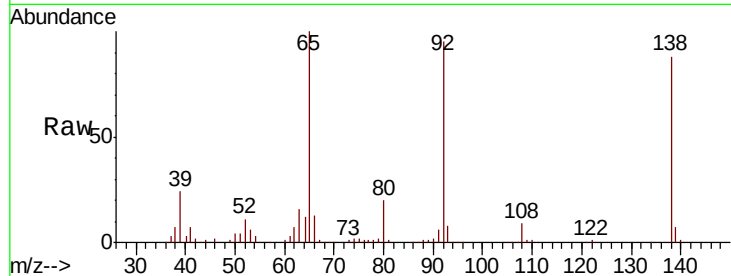




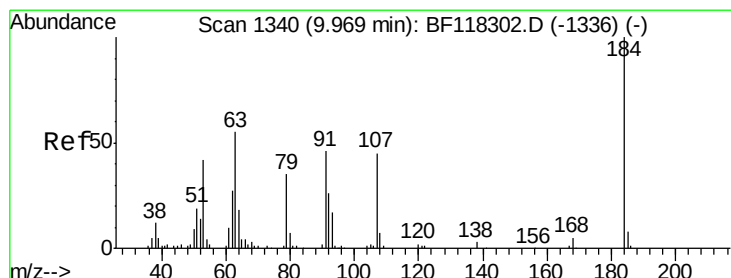
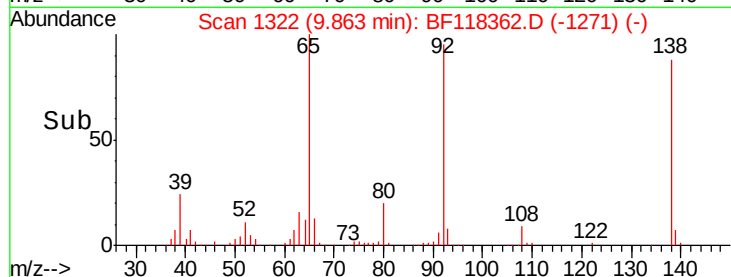
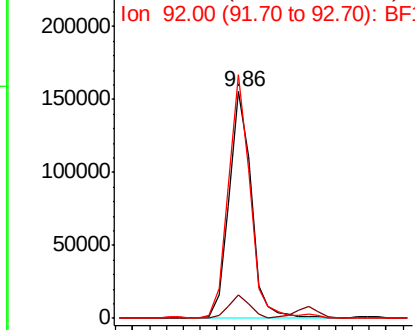
#53
3-Nitroaniline
Concen: 22.445 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 142149
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.8
92 107.4 78.2 117.2

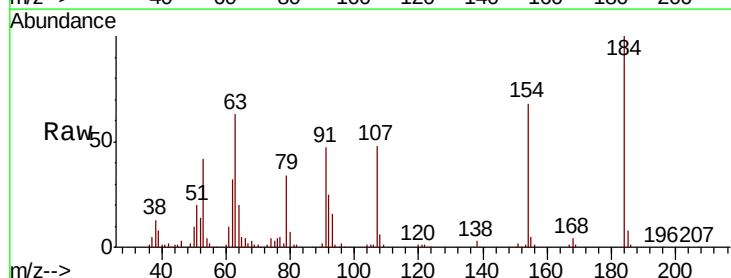


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

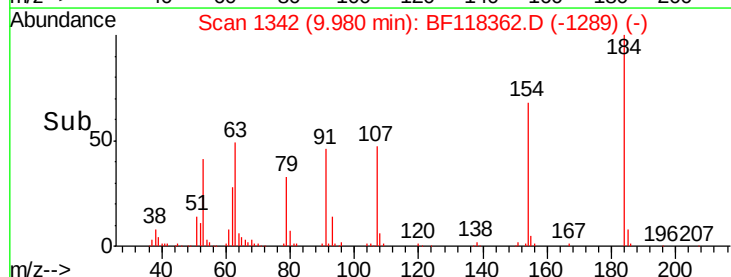
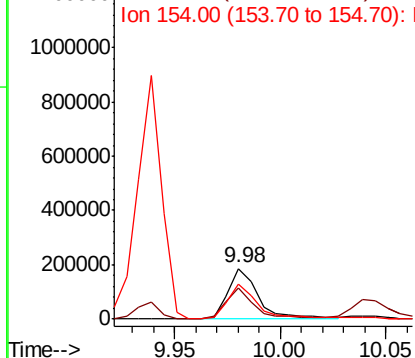


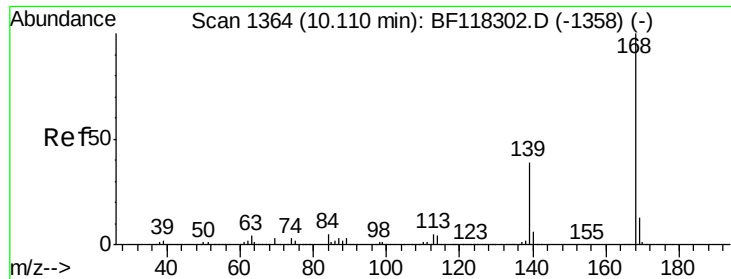
#54
2,4-Dinitrophenol
Concen: 70.067 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:184 Resp: 188756
Ion Ratio Lower Upper
184 100
63 62.6 48.8 73.2
154 68.3 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

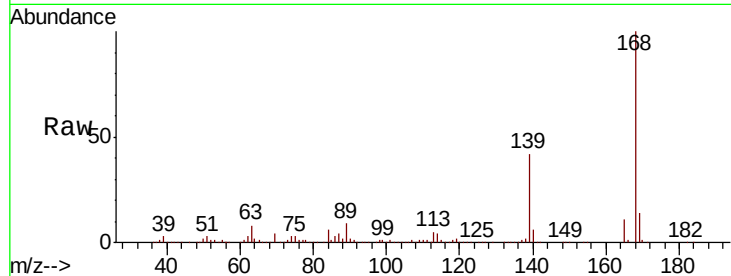




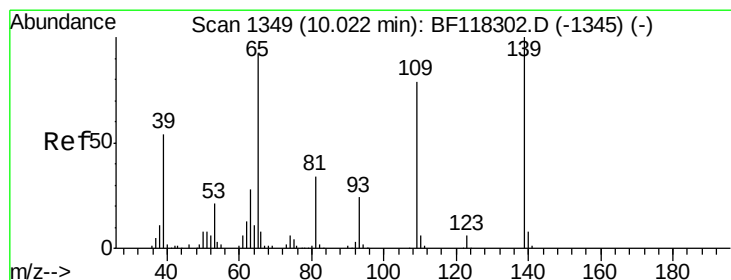
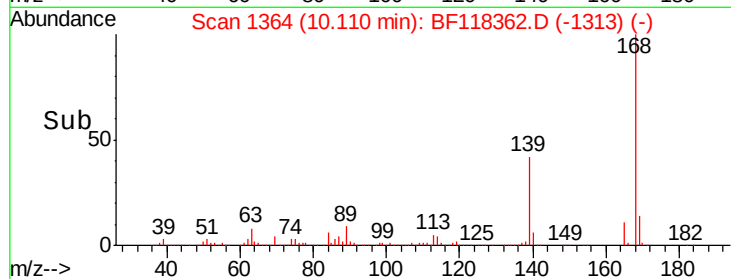
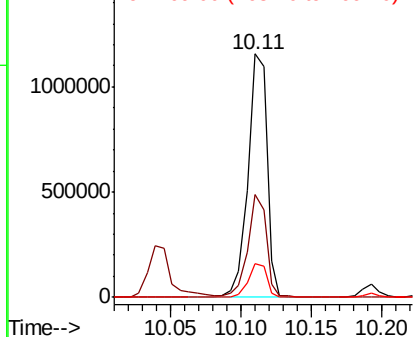
#55
Dibenzenofuran
Concen: 38.894 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1101933
Ion Ratio Lower Upper
168 100
139 42.4 31.5 47.3
169 13.7 10.4 15.6

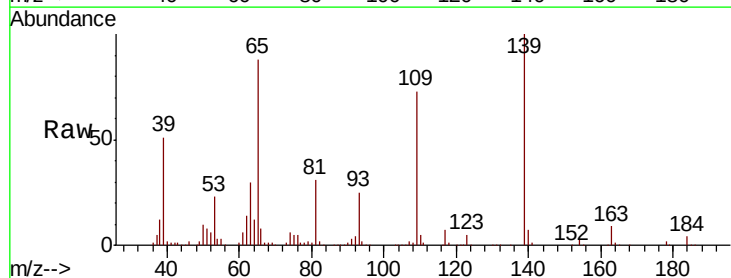


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

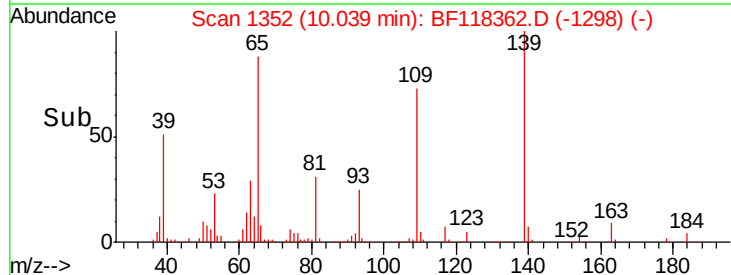
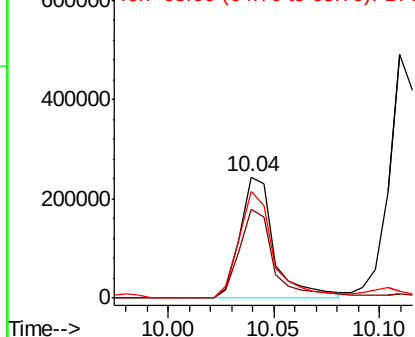


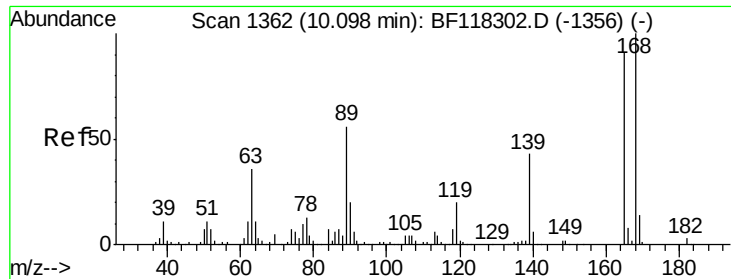
#56
4-Nitrophenol
Concen: 69.974 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:139 Resp: 273581
Ion Ratio Lower Upper
139 100
109 73.3 59.3 99.3
65 87.7 72.4 112.4



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

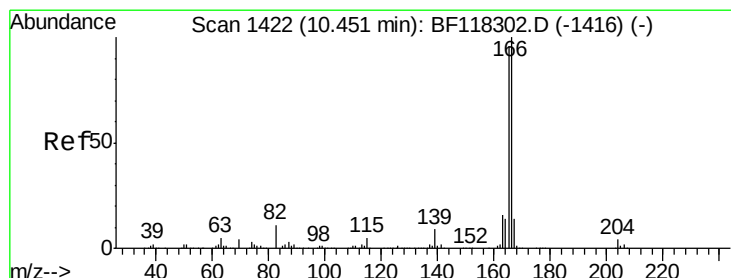
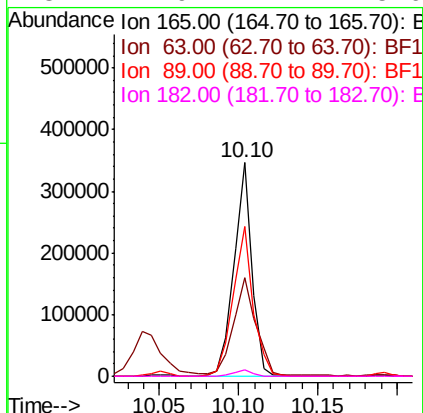
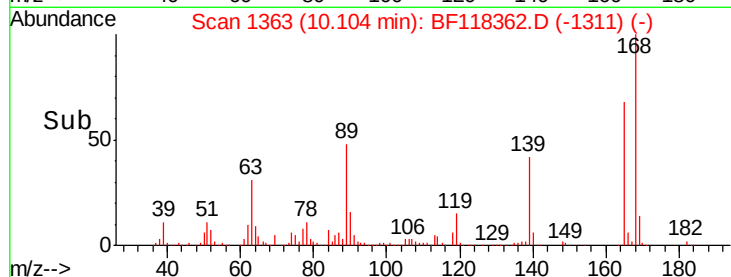
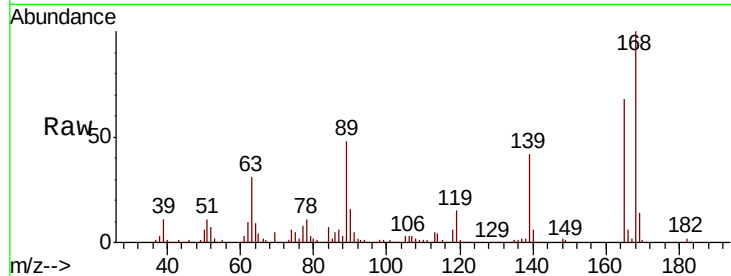




#57
2,4-Dinitrotoluene
Concen: 38.214 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

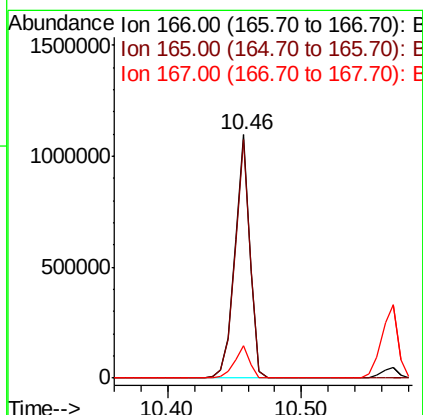
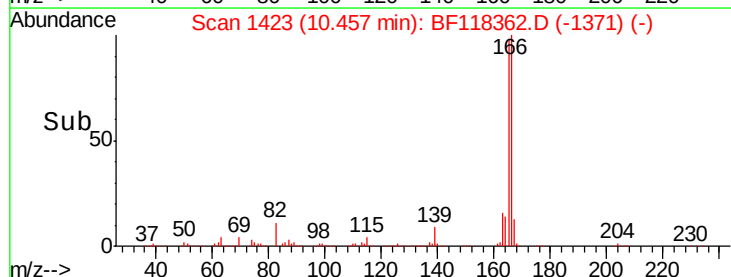
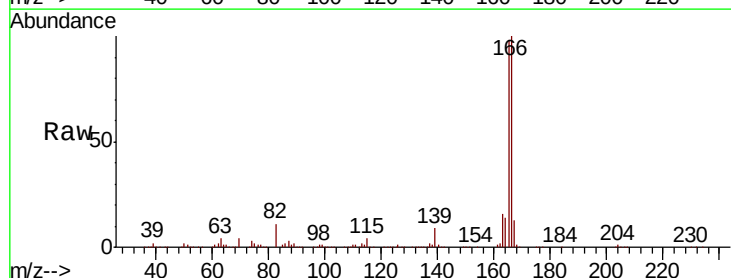
Instrument :
BNA_F
ClientSampleId :

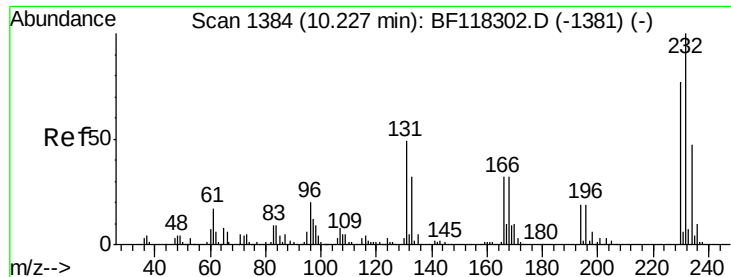
Tot Ion:	165	Resp:	275530
Ion	Ratio	Lower	Upper
165	100		
63	45.9	32.0	48.0
89	69.9	49.3	73.9
182	2.9	2.4	3.6



#58
Fluorene
Concen: 38.253 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:	166	Resp:	874877
Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.0	115.4
167	13.4	10.9	16.3

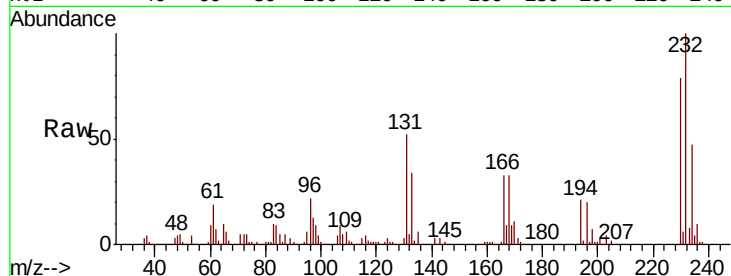




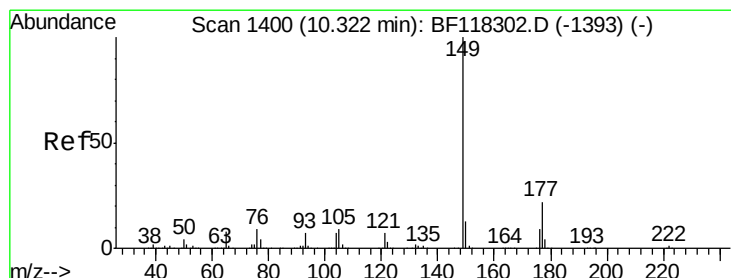
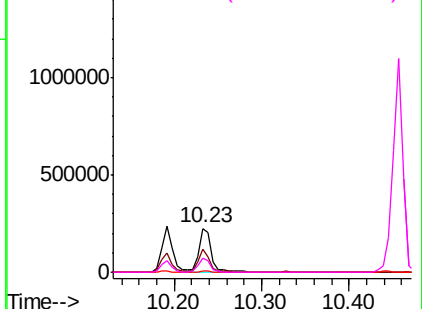
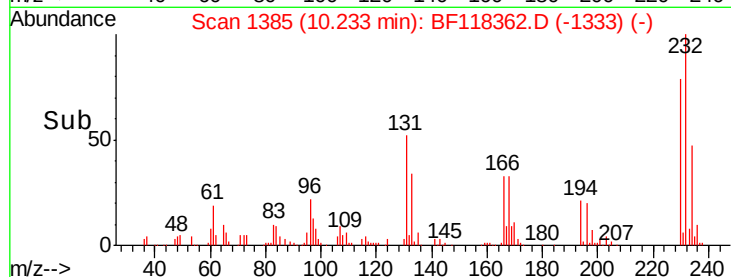
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.798 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.7	56.5
130	2.5	2.0	3.0
166	30.4	24.7	37.1

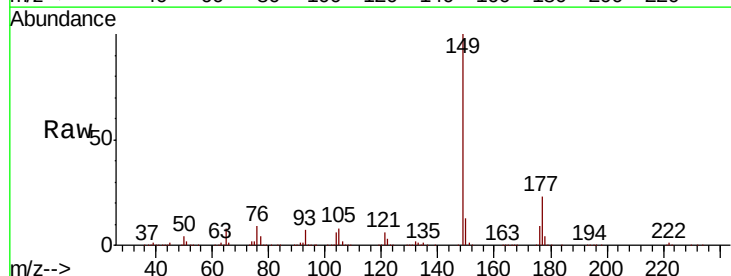


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

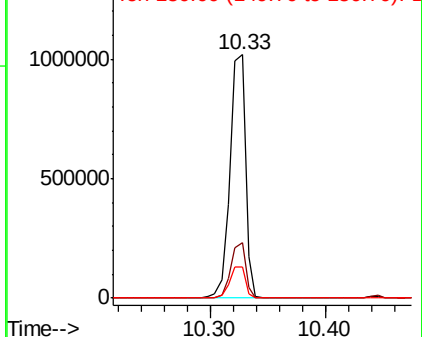
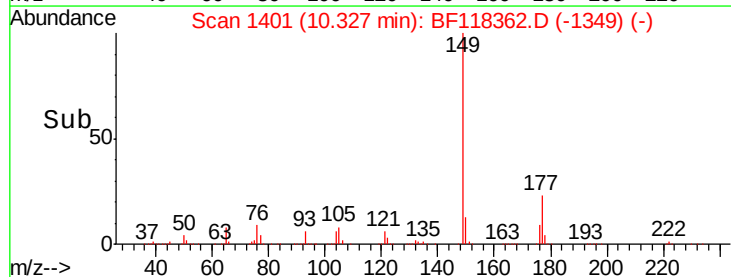


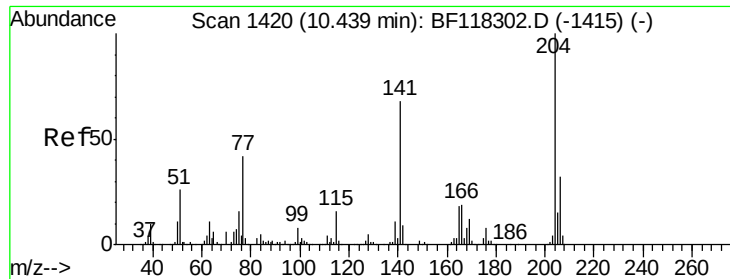
#60
Diethylphthalate
Concen: 38.445 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.9	26.9
150	12.7	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

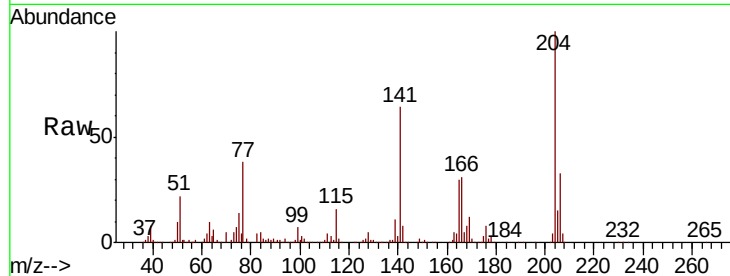




#61
4-Chlorophenyl-phenylether
Concen: 38.193 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.8
141	64.5	54.2	81.4

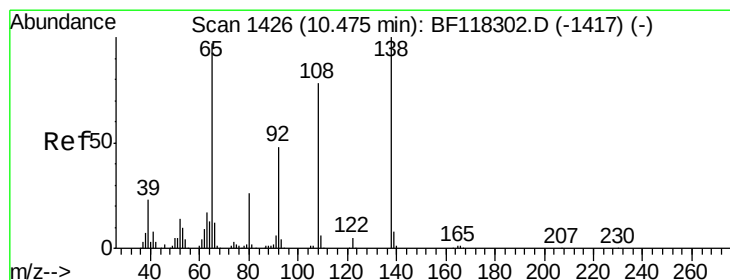
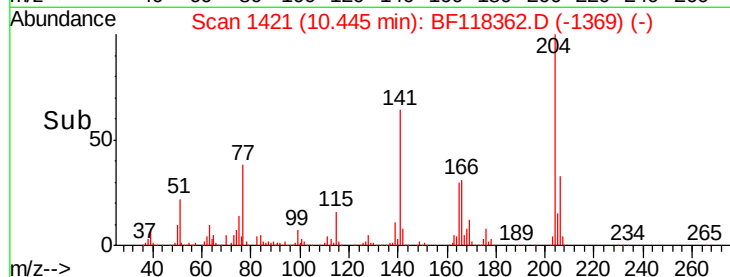
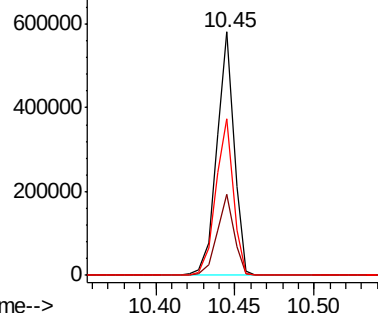


Abundance

Ion 204.00 (203.70 to 204.70): E

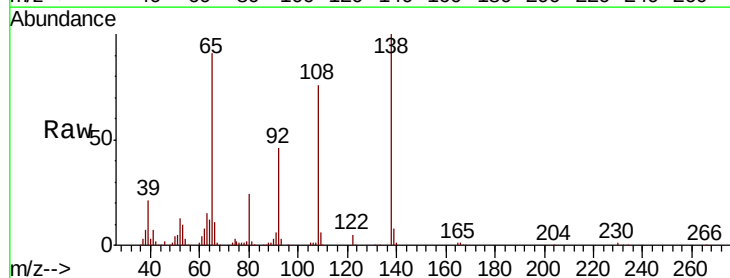
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 30.704 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	27.9	67.9
108	75.7	58.1	98.1

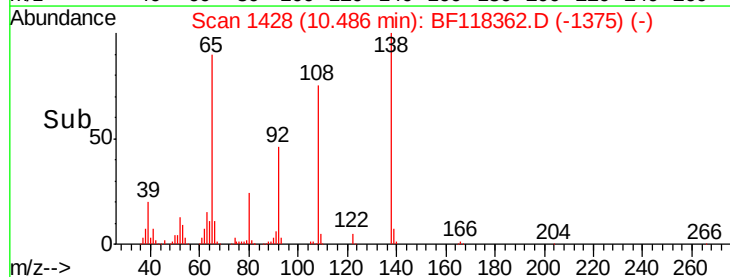
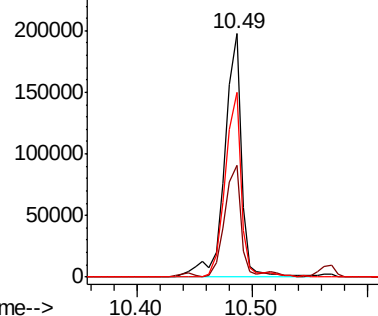


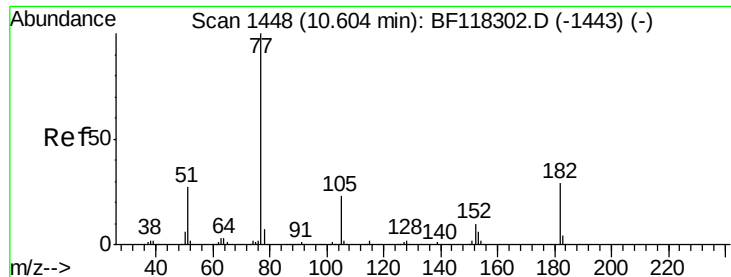
Abundance

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

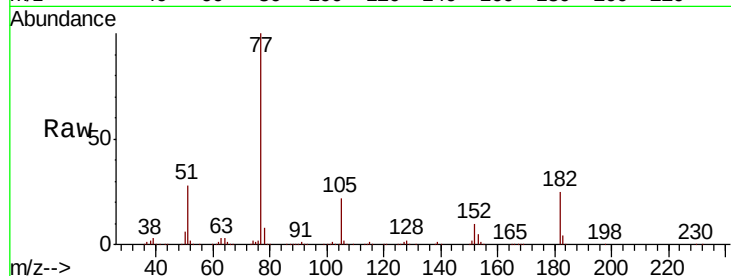




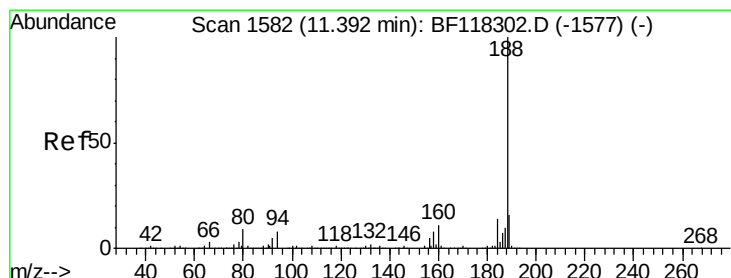
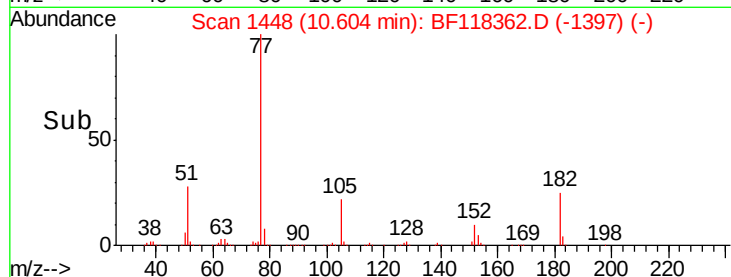
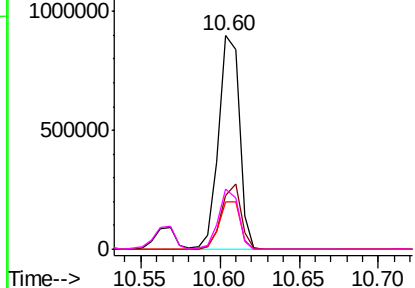
#63
Azobenzene
Concen: 38.796 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	822816
Ion	Ratio	Lower	Upper
77	100		
182	25.3	9.2	49.2
105	22.4	3.2	43.2
51	28.1	7.1	47.1

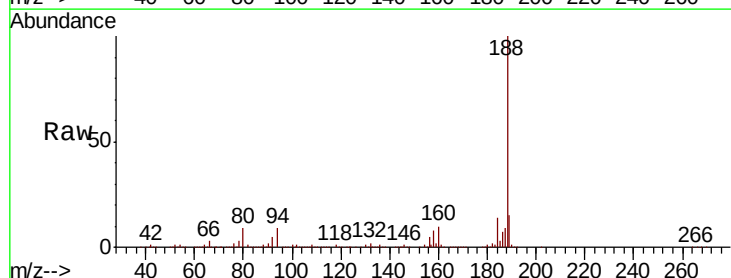


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

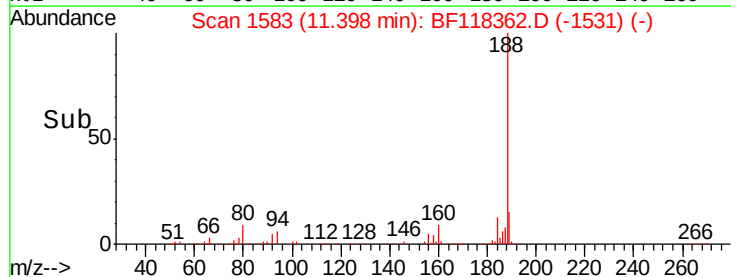
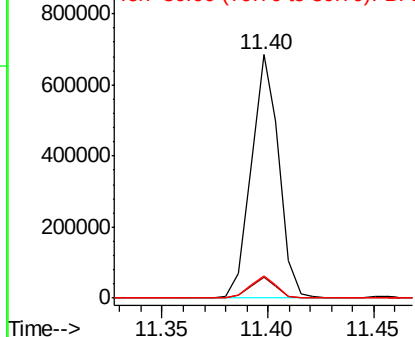


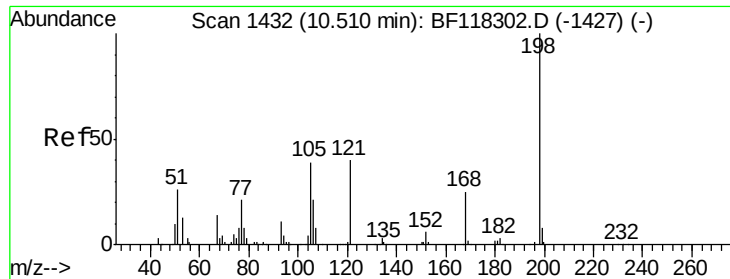
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:	188	Resp:	620001
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.3	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

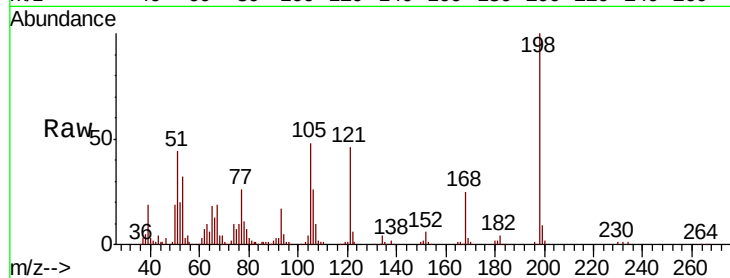




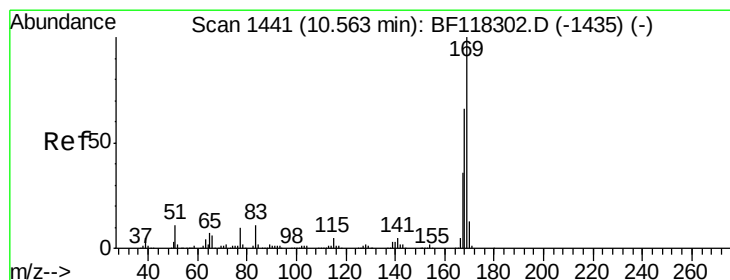
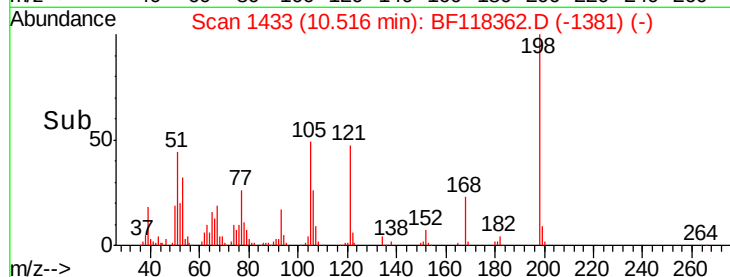
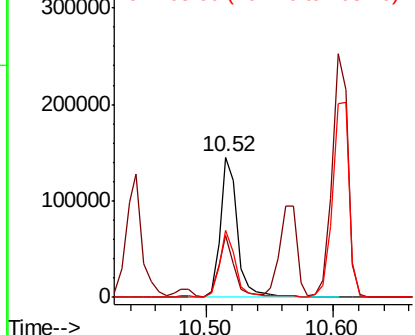
#65
4,6-Dinitro-2-methylphenol
Concen: 41.299 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 138133
Ion Ratio Lower Upper
198 100
51 44.1 12.8 52.8
105 48.3 20.3 60.3

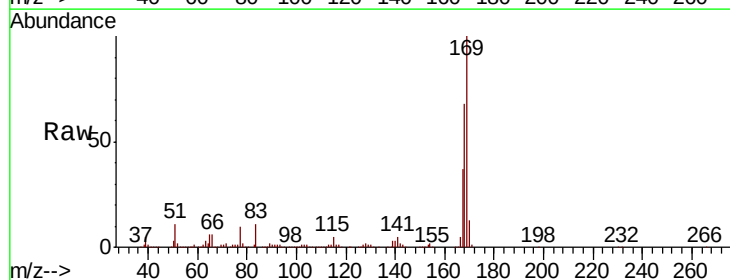


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

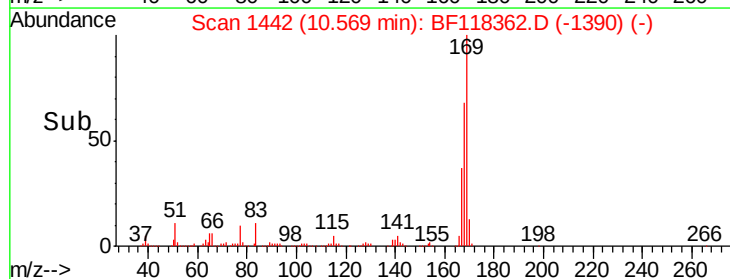
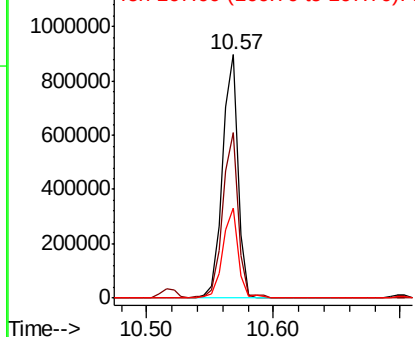


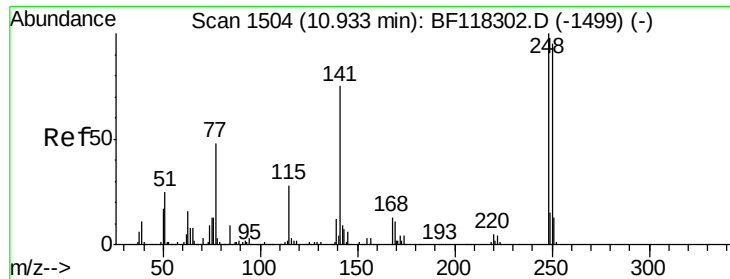
#66
n-Nitrosodiphenylamine
Concen: 38.571 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:169 Resp: 766446
Ion Ratio Lower Upper
169 100
168 67.8 52.6 79.0
167 36.8 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

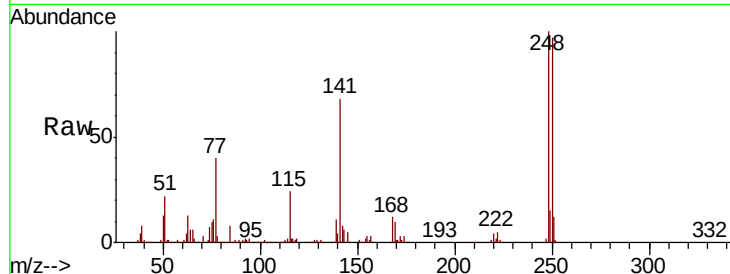




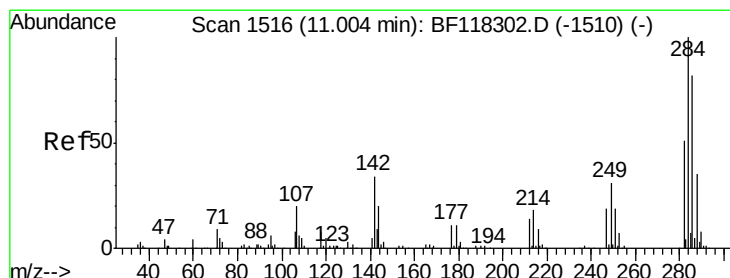
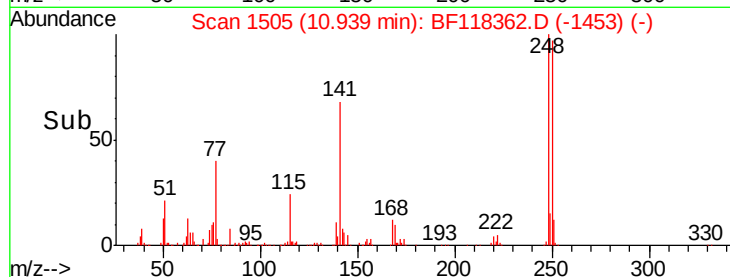
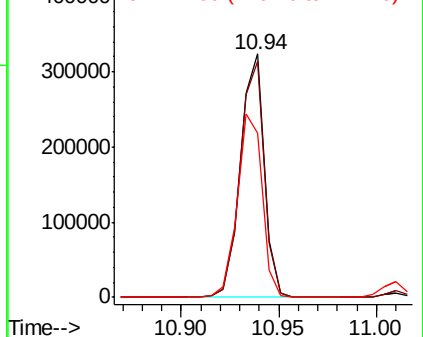
#67
4-Bromophenyl-phenylether
Concen: 37.905 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 275034
Ion Ratio Lower Upper
248 100
250 97.0 76.4 114.6
141 67.7 60.2 90.2

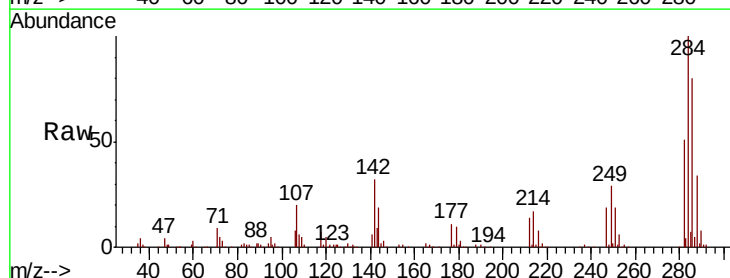


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

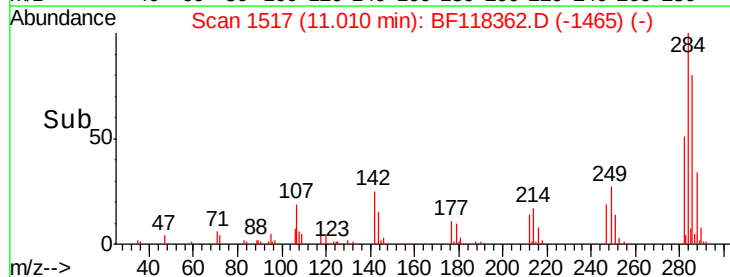
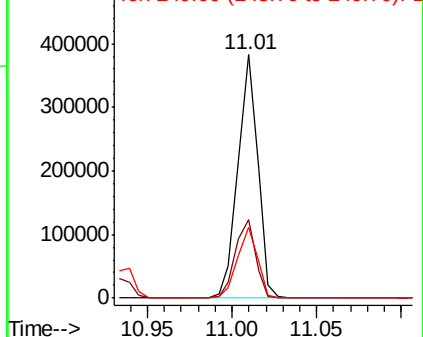


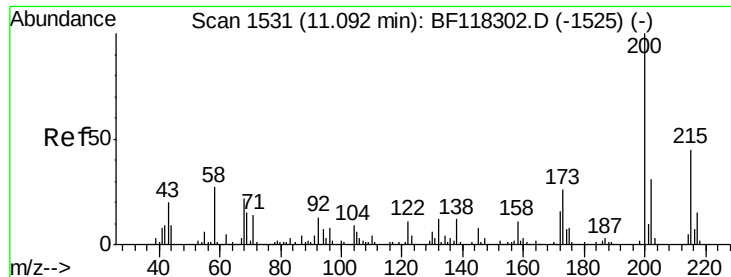
#68
Hexachlorobenzene
Concen: 36.488 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:284 Resp: 311632
Ion Ratio Lower Upper
284 100
142 32.3 27.3 40.9
249 29.2 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

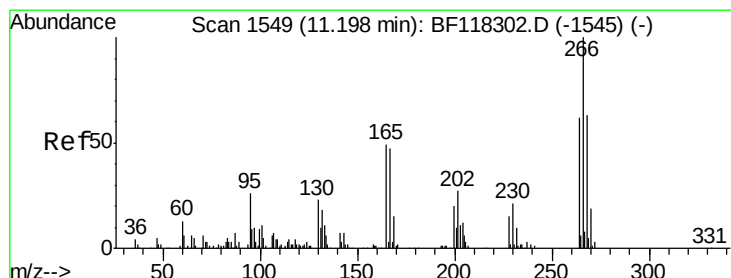
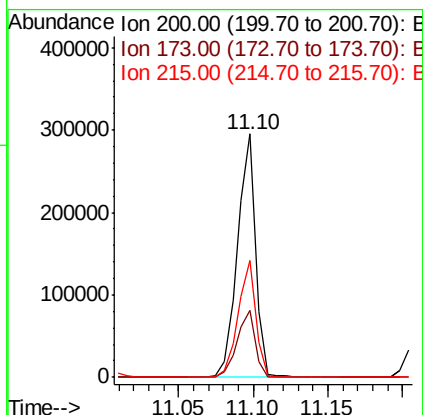
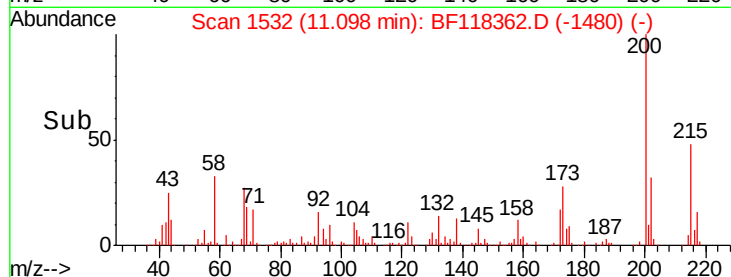
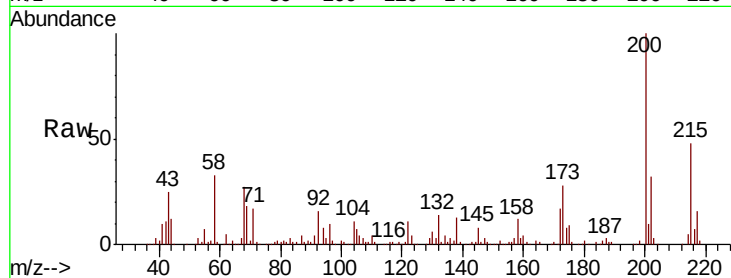




#69
Atrazine
Concen: 41.194 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

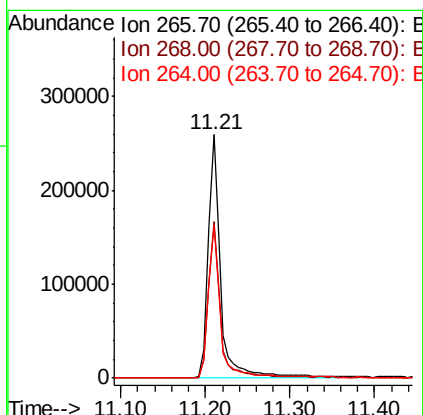
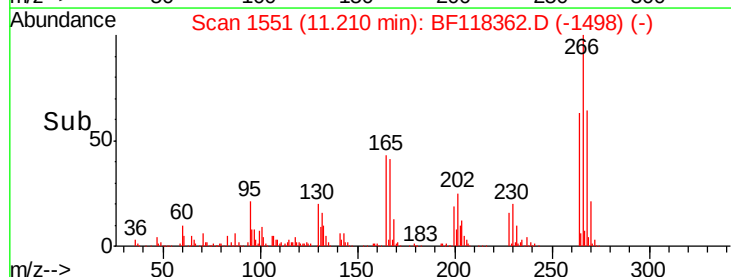
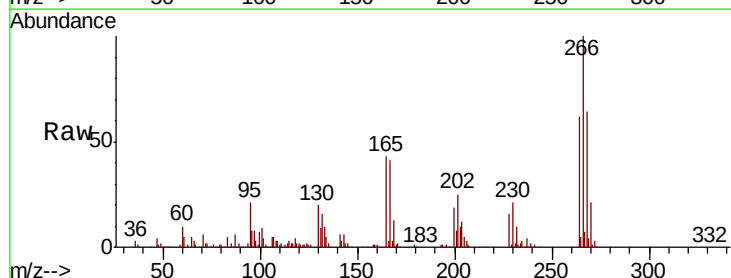
Instrument :
BNA_F
ClientSampleId :

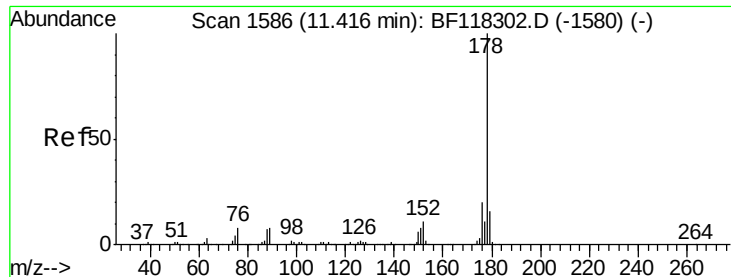
Tot Ion:200 Resp: 252633
Ion Ratio Lower Upper
200 100
173 27.7 5.8 45.8
215 48.1 25.1 65.1



#70
Pentachlorophenol
Concen: 73.091 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:266 Resp: 270352
Ion Ratio Lower Upper
266 100
268 64.2 50.6 76.0
264 62.5 49.9 74.9

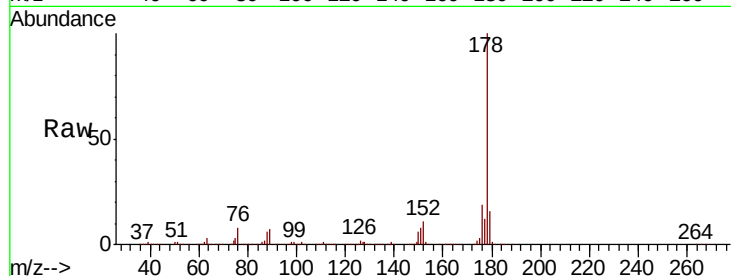




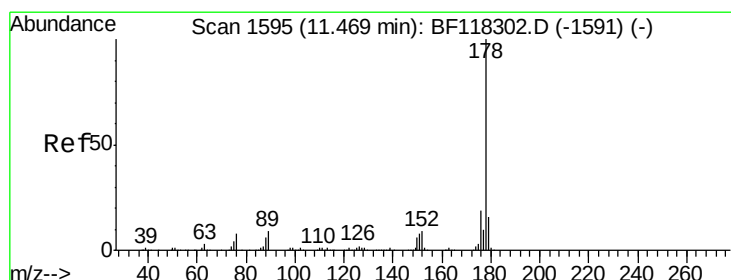
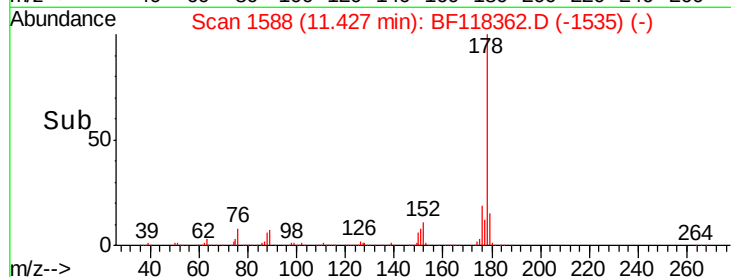
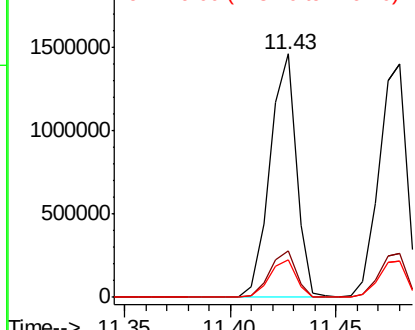
#71
Phenanthrene
Concen: 37.729 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1275207
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.7 12.6 19.0

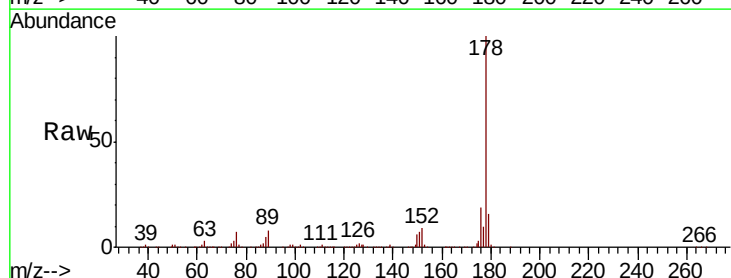


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

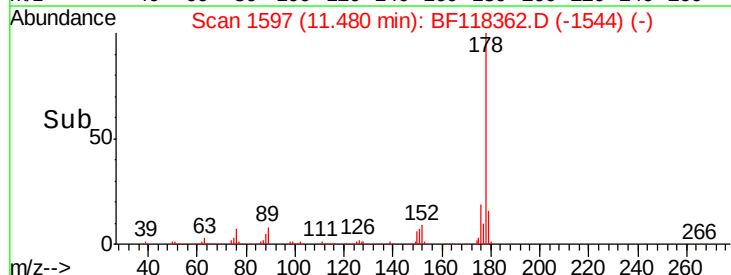
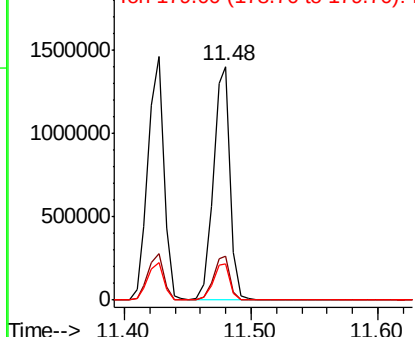


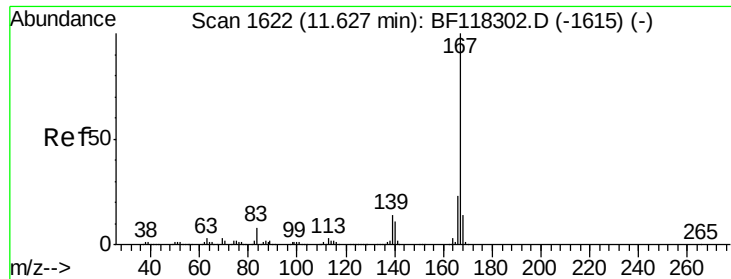
#72
Anthracene
Concen: 38.595 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:178 Resp: 1305694
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.7 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

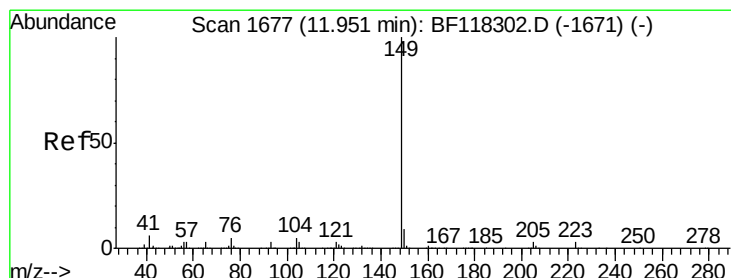
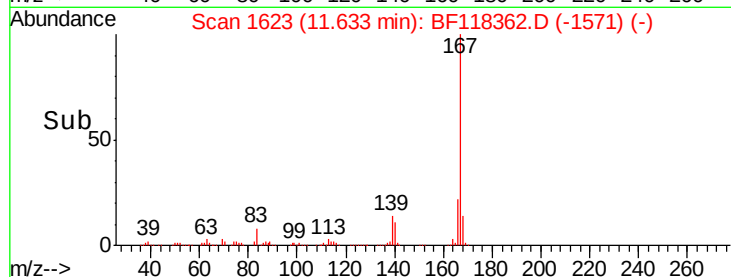
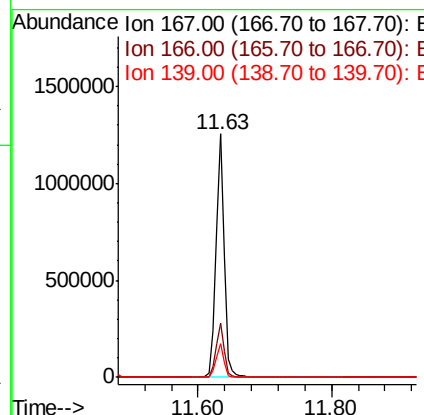
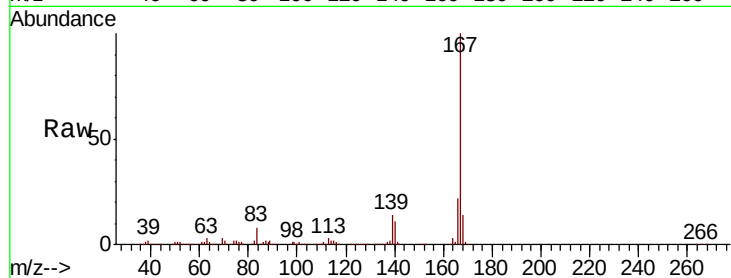




#73
 Carbazole
 Concen: 36.779 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

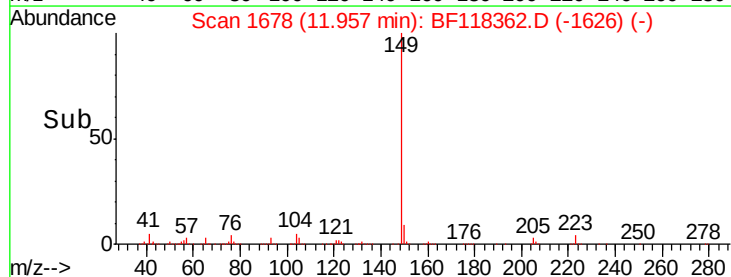
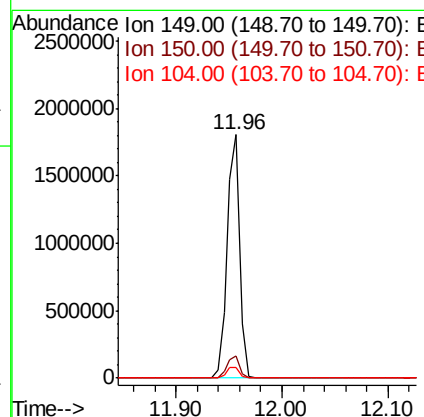
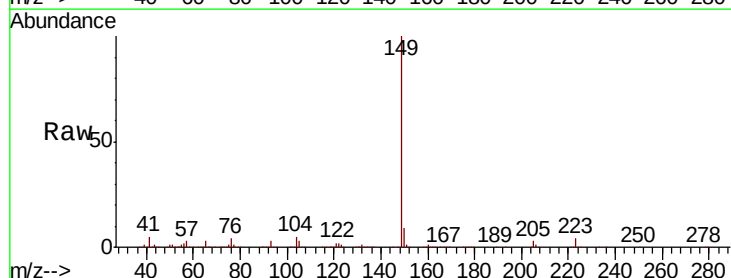
Instrument :
 BNA_F
 ClientSampleId :

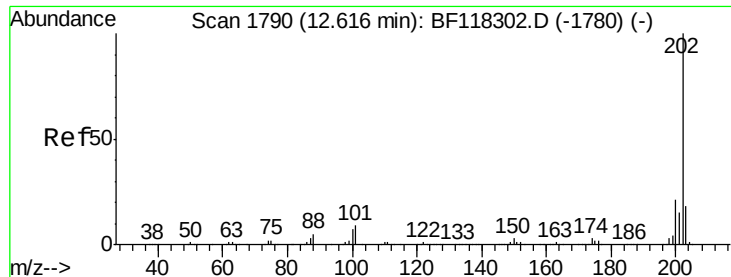
Tot Ion:167 Resp: 1104088
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.9 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 39.581 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion:149 Resp: 1506587
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.6 4.0 6.0

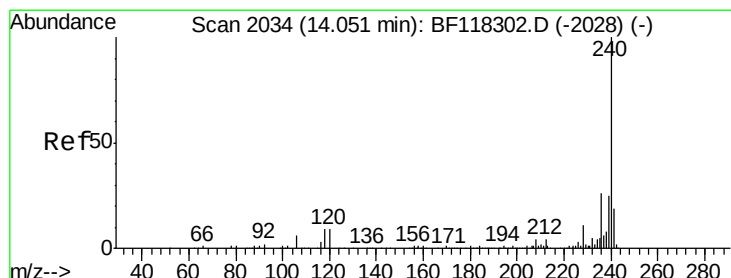
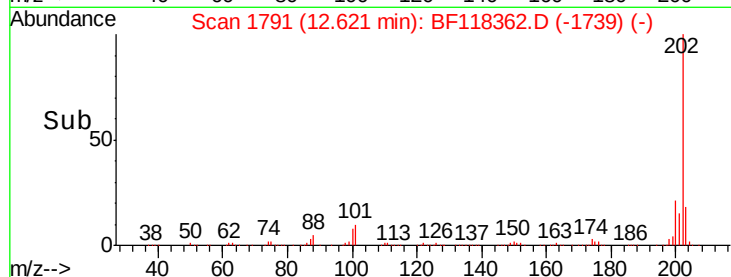
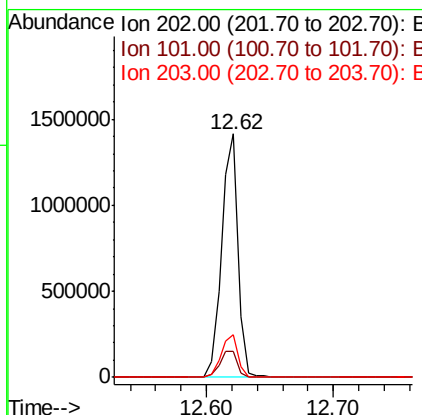
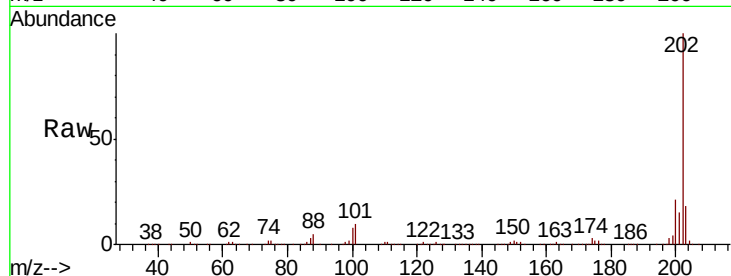




#75
 Fluoranthene
 Concen: 37.209 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

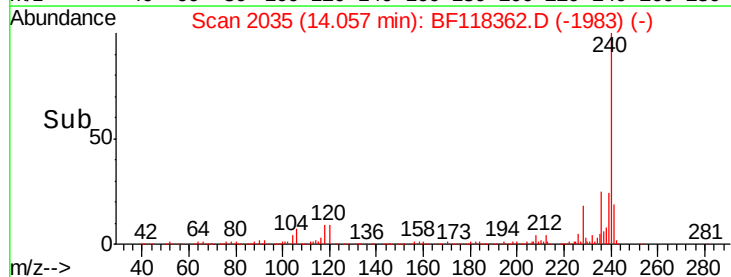
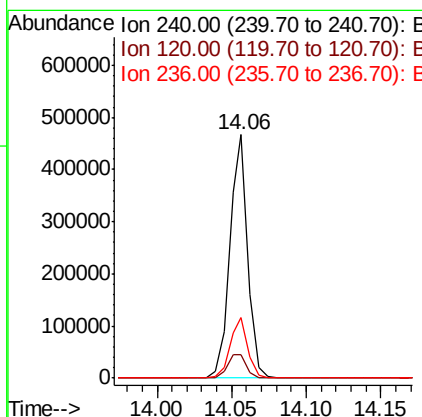
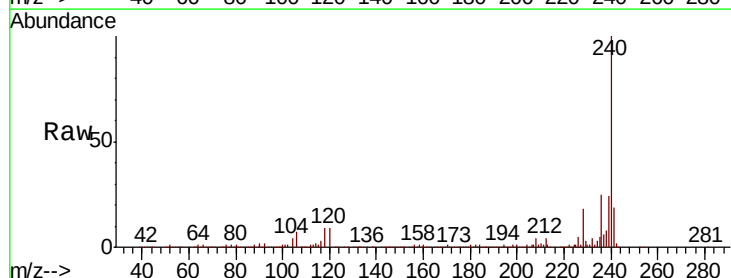
Instrument :
 BNA_F
 ClientSampleId :

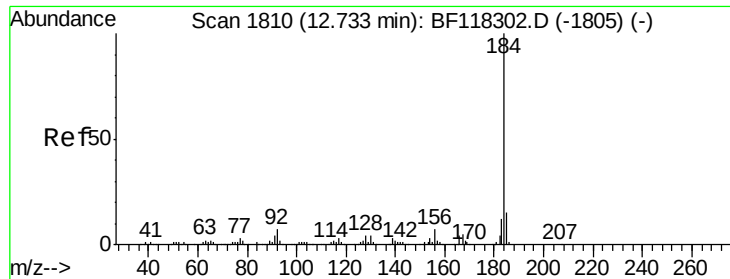
Tot Ion:202 Resp: 1269223
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 29.5
 203 17.7 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion:240 Resp: 394557
 Ion Ratio Lower Upper
 240 100
 120 9.4 7.1 10.7
 236 25.0 21.0 31.6





#77

Benzidine

Concen: 24.629 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

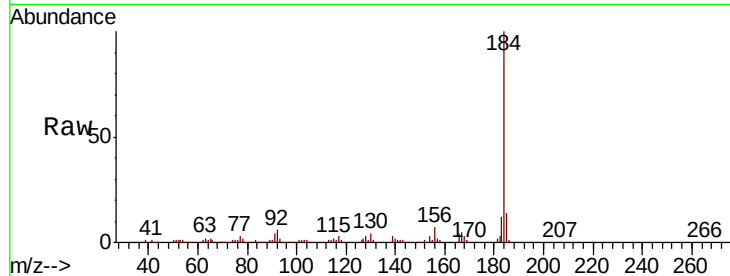
Tot Ion:184 Resp: 266263

Ion Ratio Lower Upper

184 100

185 13.9 12.3 18.5

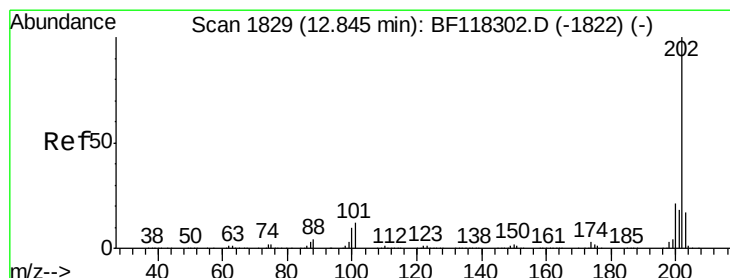
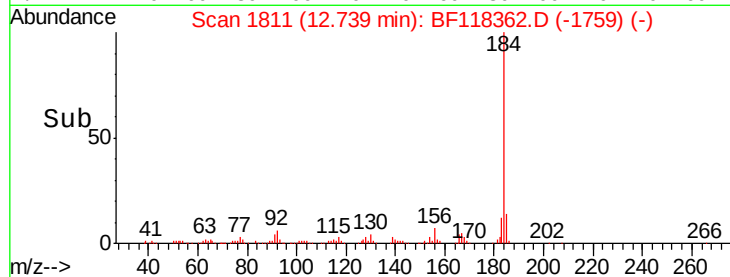
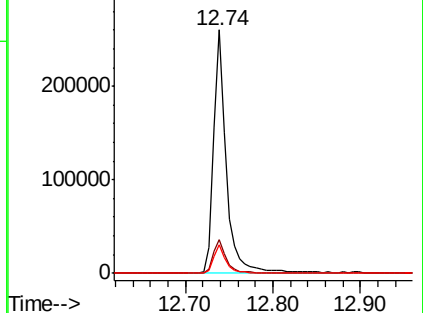
183 11.7 9.4 14.2



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: 39.596 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

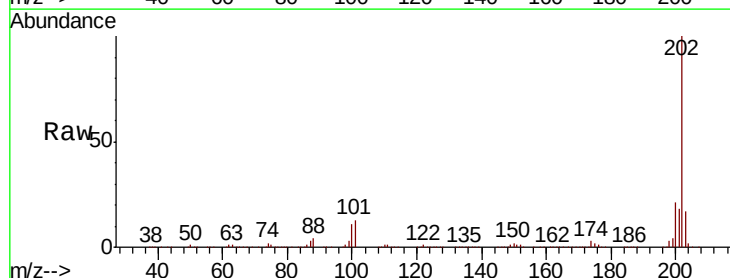
Tgt Ion:202 Resp: 1275761

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

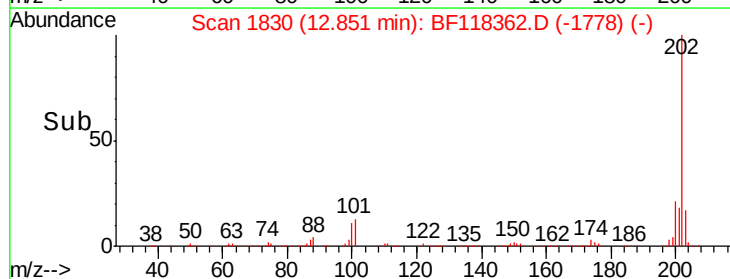
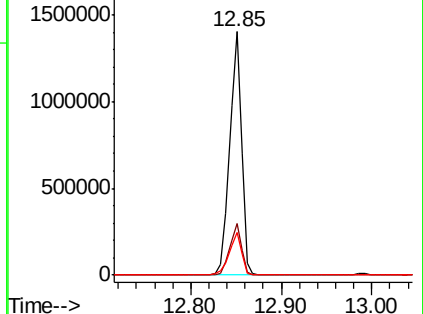
203 17.4 13.9 20.9

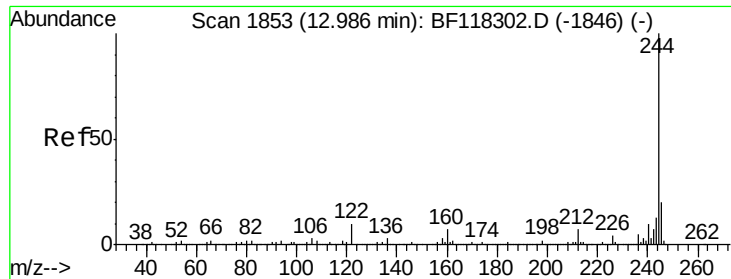


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

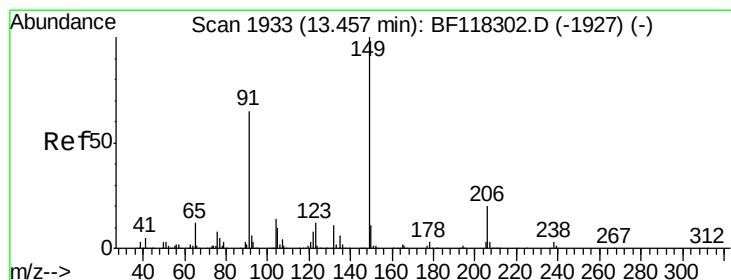
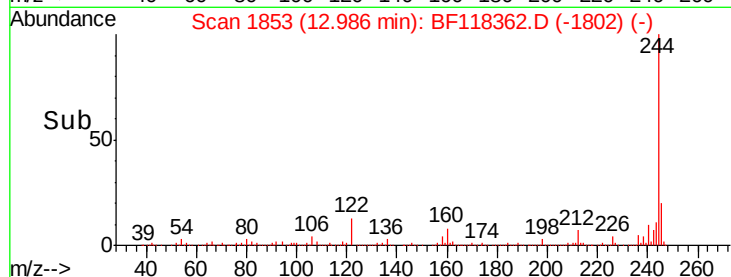
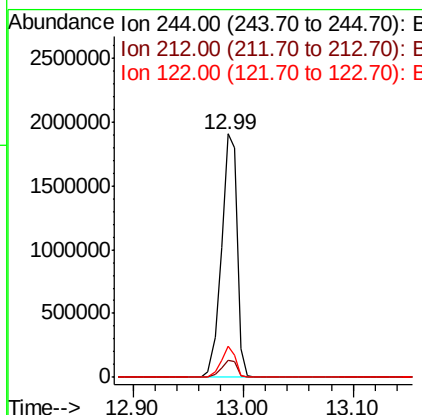
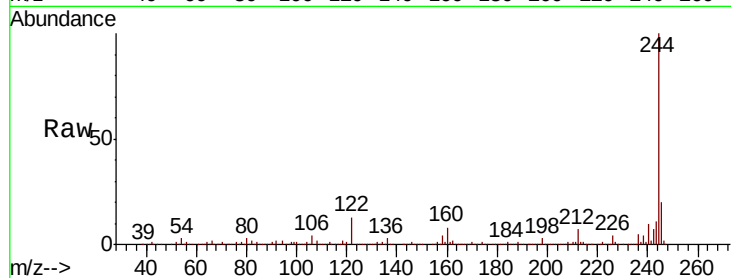




#79
 Terphenyl-d14
 Concen: 79.141 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

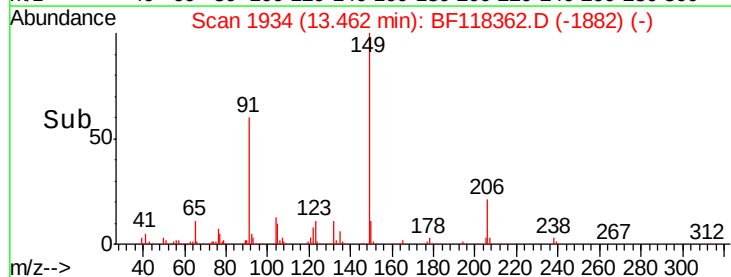
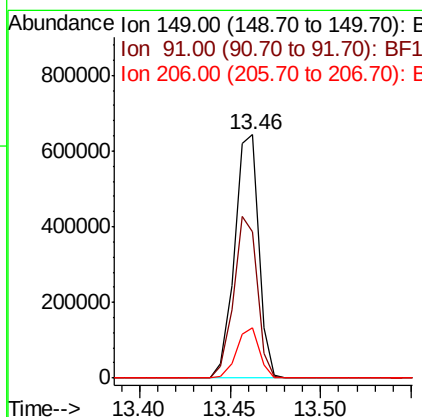
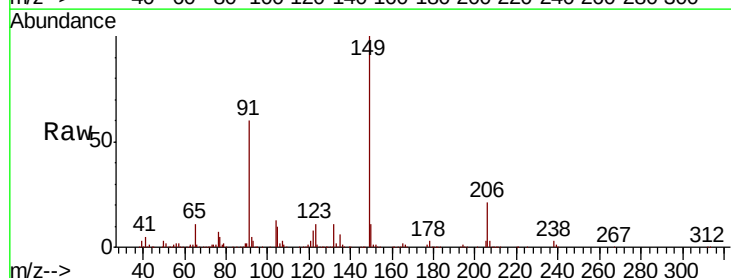
Instrument :
 BNA_F
 ClientSampled :

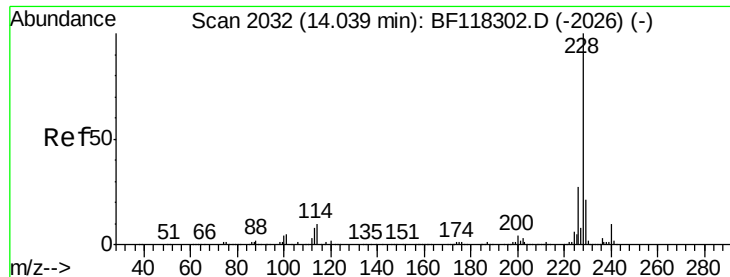
Tot Ion:244 Resp: 1882153
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 12.6 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 41.089 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion:149 Resp: 596084
 Ion Ratio Lower Upper
 149 100
 91 60.1 51.8 77.6
 206 20.7 15.7 23.5





#81

Benzo(a)anthracene

Concen: 37.323 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampled :

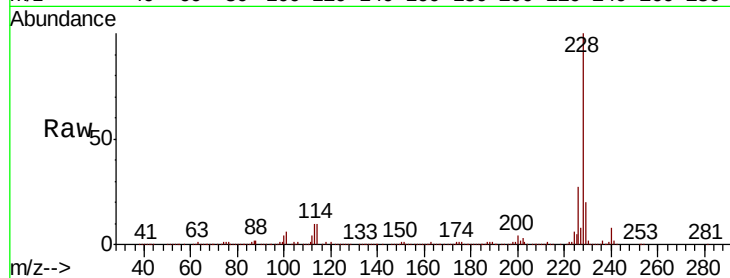
Tot Ion:228 Resp: 1030785

Ion Ratio Lower Upper

228 100

226 26.6 22.0 33.0

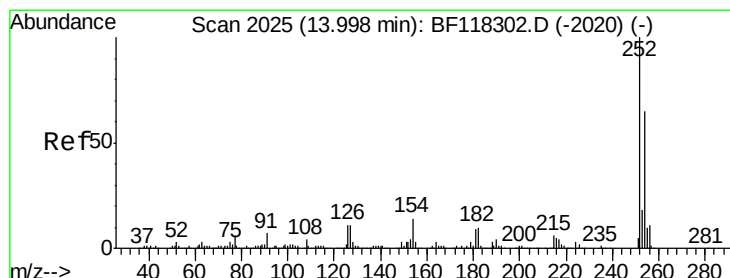
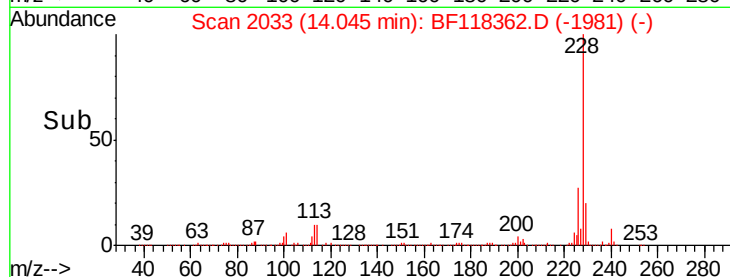
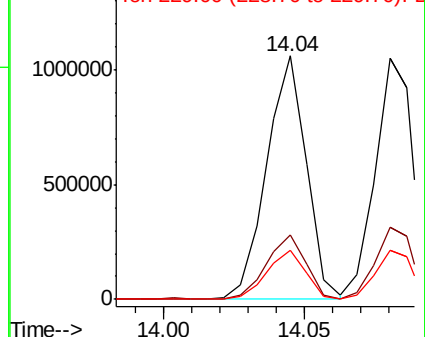
229 20.1 16.6 24.8



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: 31.530 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

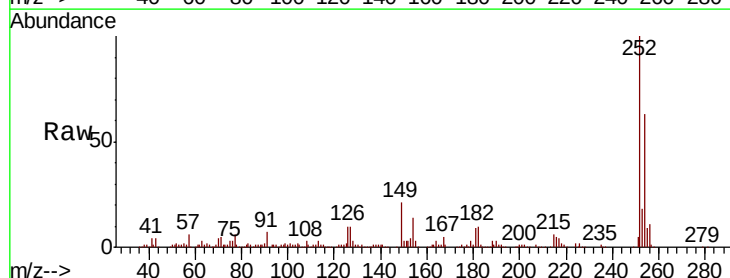
Tgt Ion:252 Resp: 295244

Ion Ratio Lower Upper

252 100

254 63.4 51.8 77.8

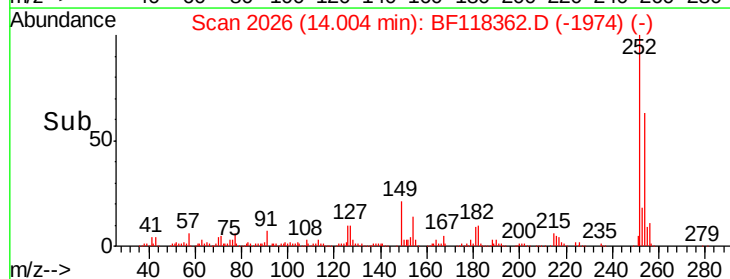
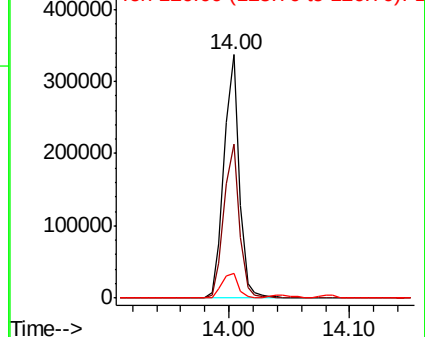
126 10.2 8.7 13.1

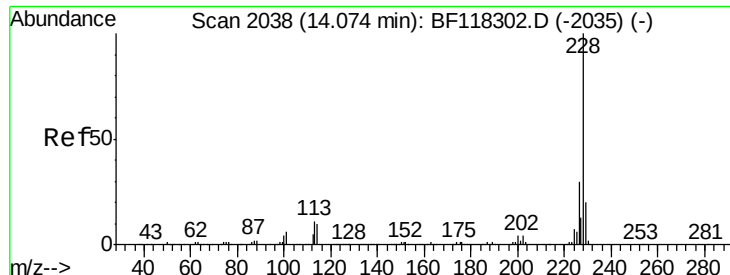


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.344 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

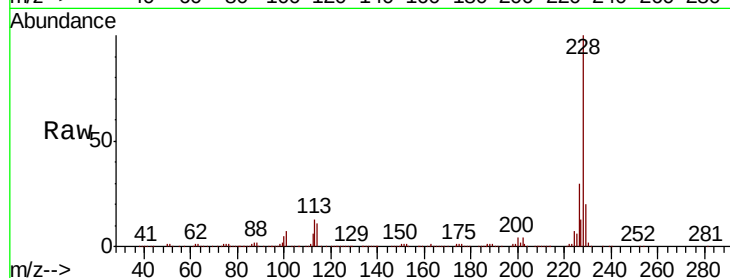
Tot Ion:228 Resp: 961096

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

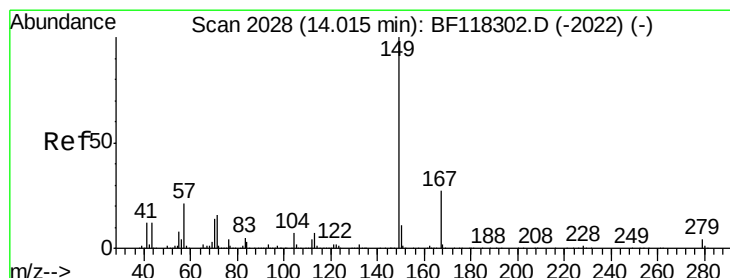
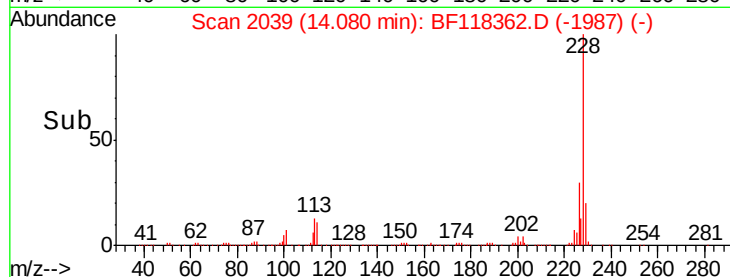
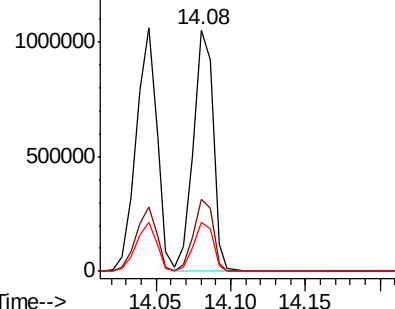
229 20.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.542 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

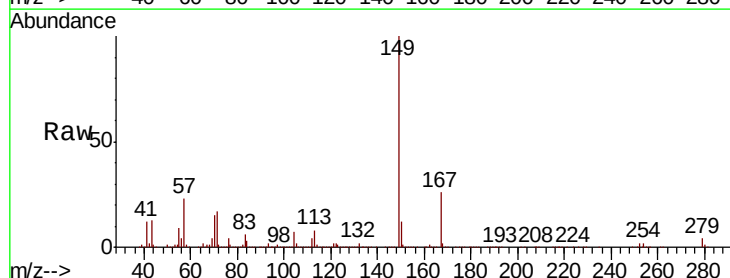
Tgt Ion:149 Resp: 830611

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

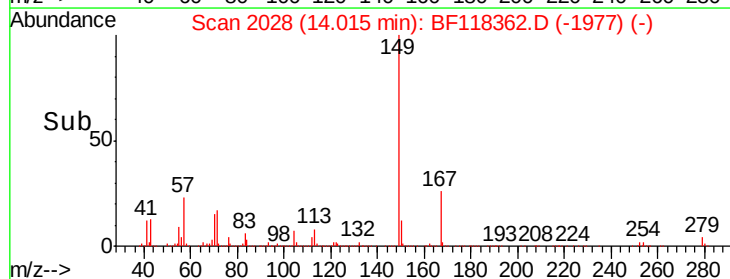
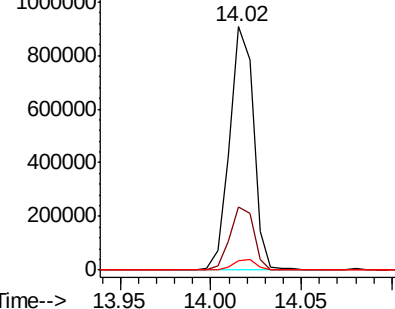
279 3.9 3.4 5.2

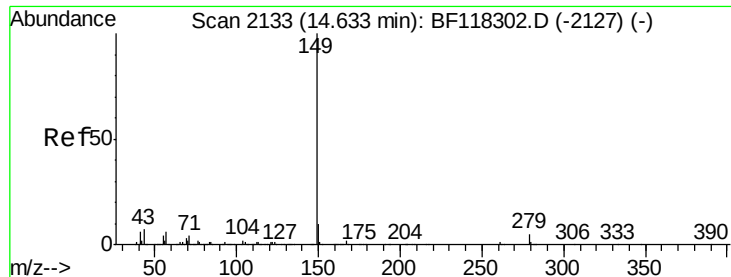


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.215 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

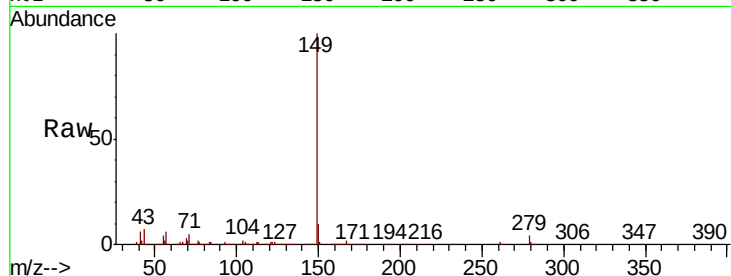
Tot Ion:149 Resp: 1240682

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

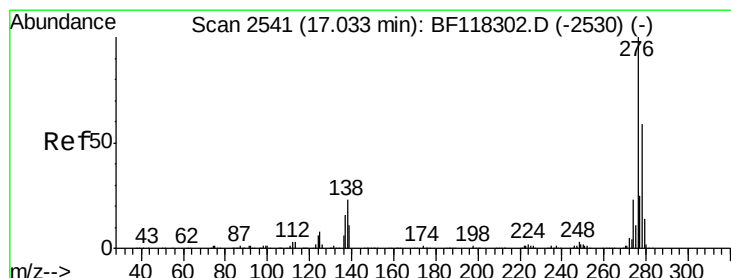
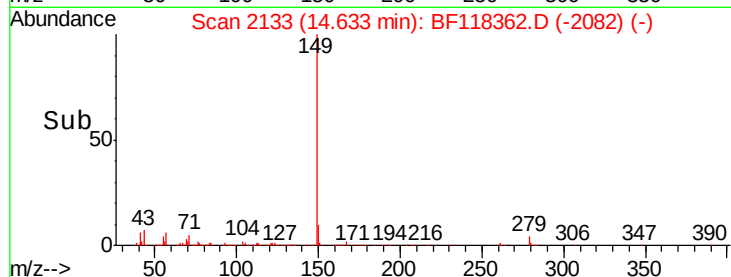
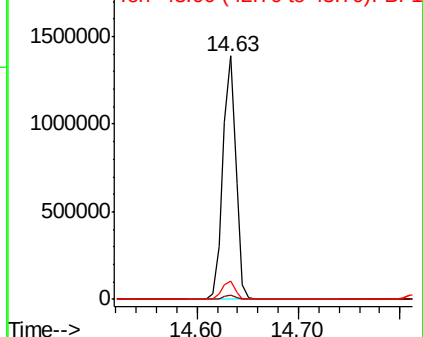
43 7.4 6.1 9.1



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: 35.615 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.03 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

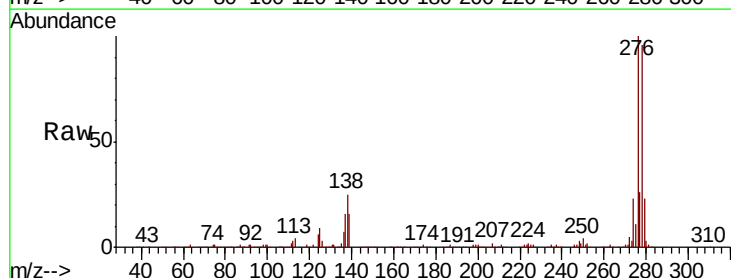
Tgt Ion:276 Resp: 802493

Ion Ratio Lower Upper

276 100

138 24.4 19.5 29.3

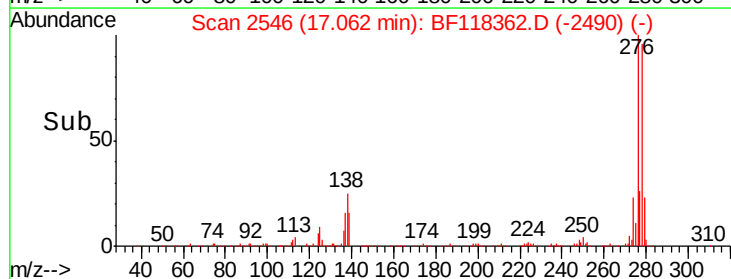
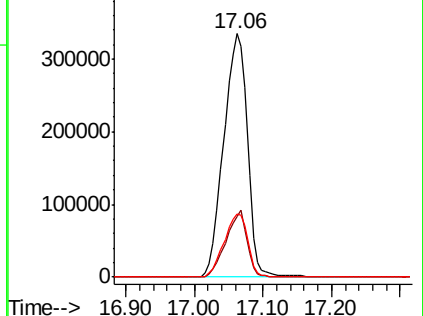
277 26.0 20.6 30.8

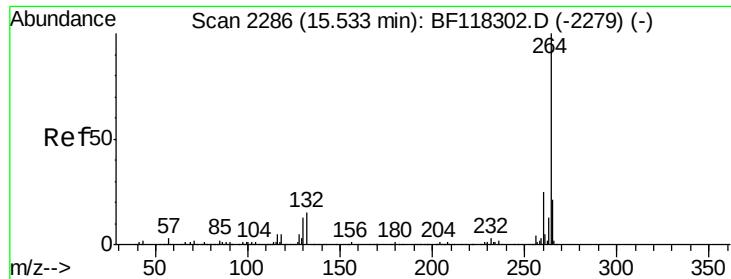


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

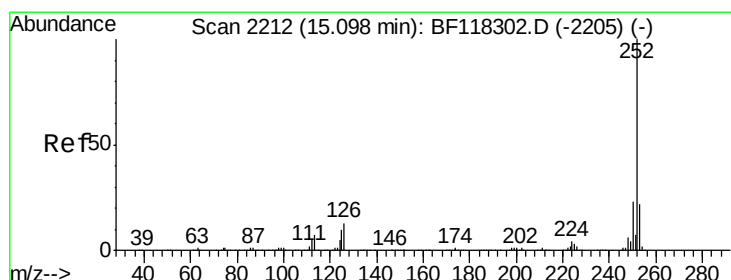
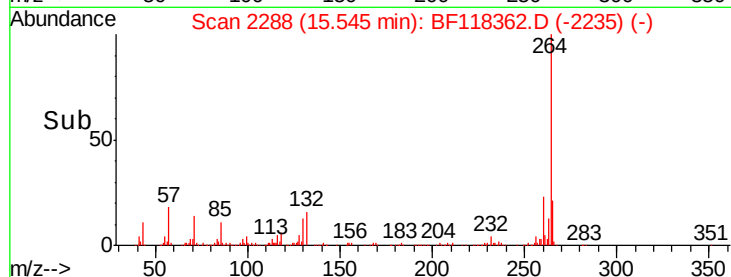
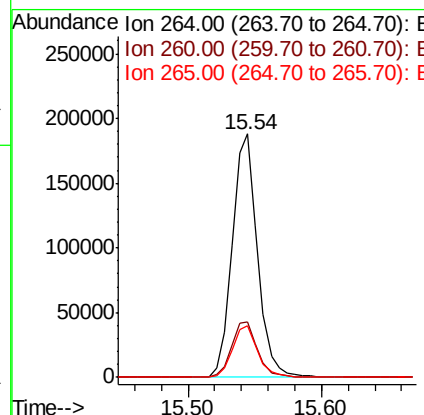
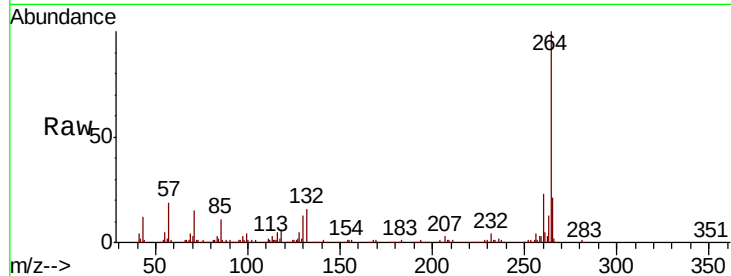




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

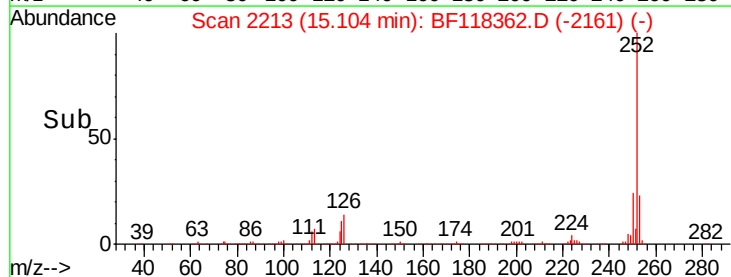
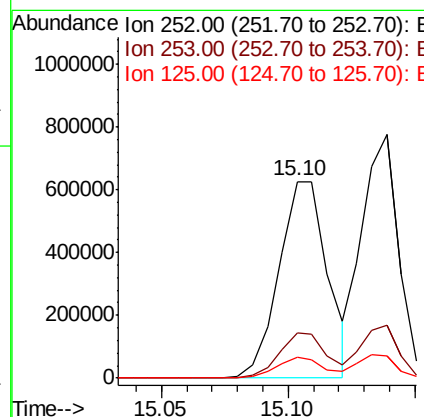
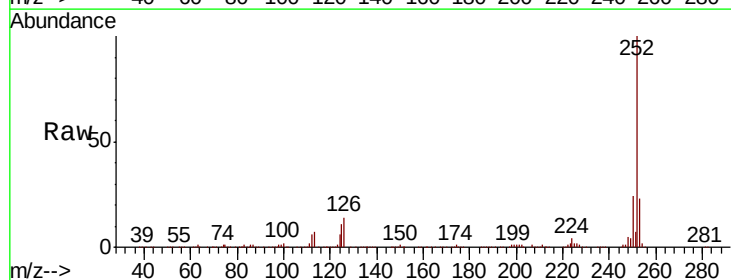
Instrument :
BNA_F
ClientSampleId :

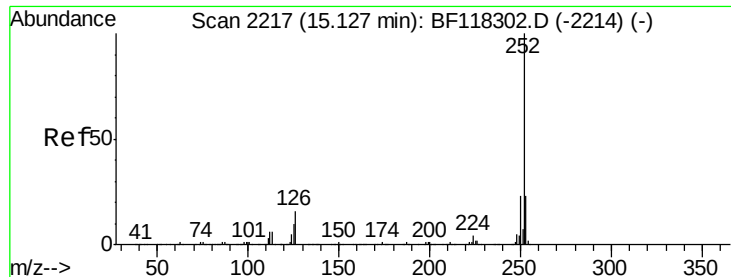
Tot Ion:264 Resp: 249128
Ion Ratio Lower Upper
264 100
260 22.7 19.8 29.6
265 21.1 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 50.599 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:252 Resp: 836753
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.9 7.7 11.5

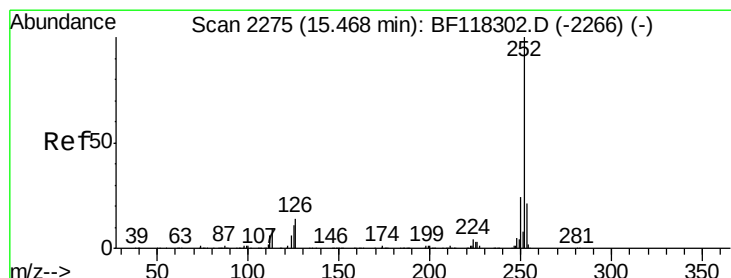
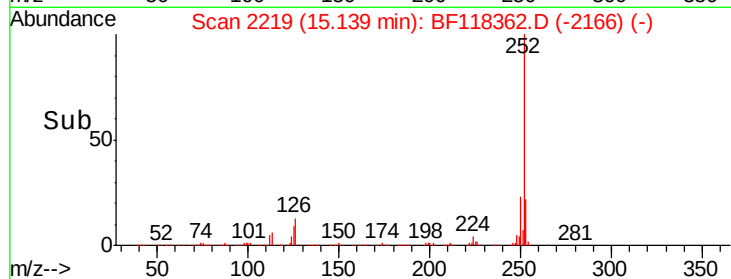
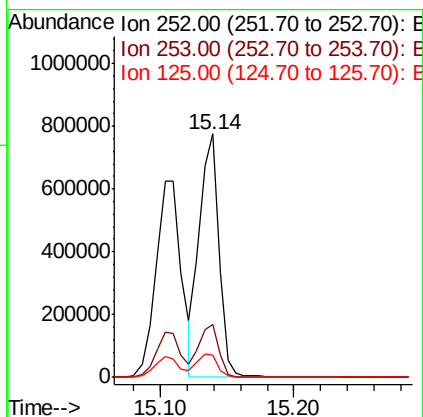
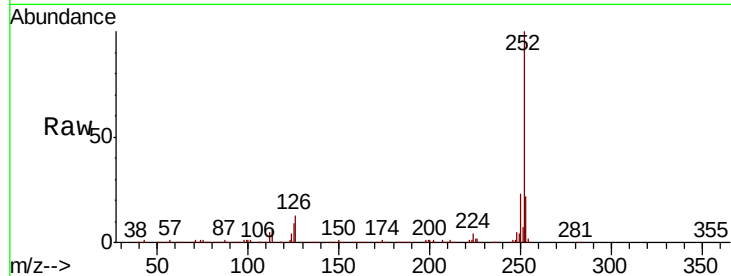




#89
Benzo(k)fluoranthene
Concen: 49.785 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

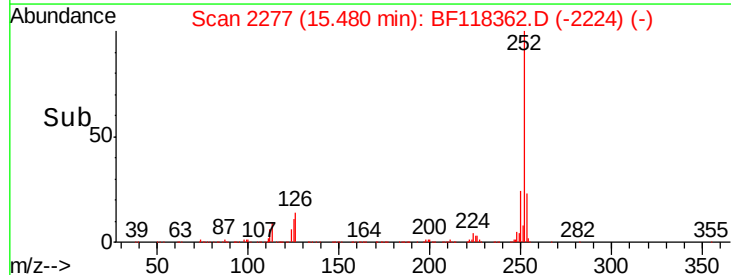
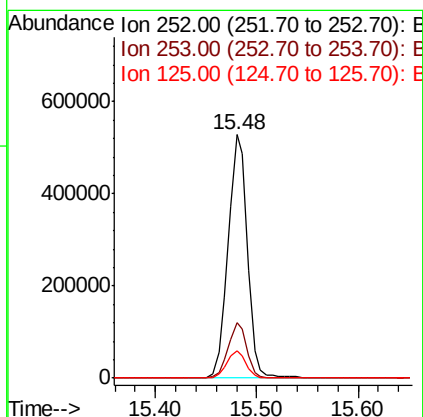
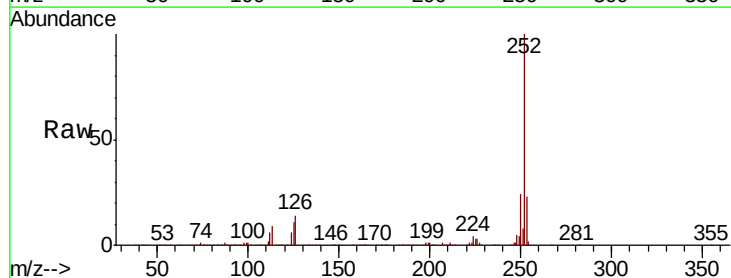
Instrument :
BNA_F
ClientSampled :

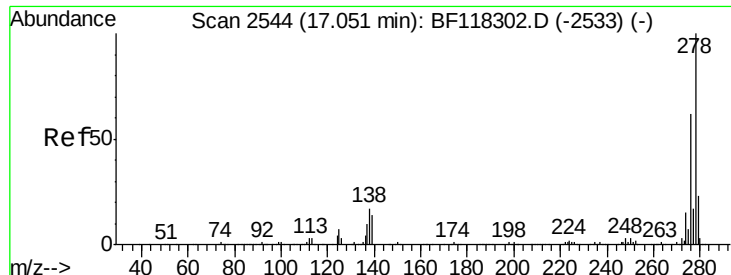
Tot Ion:252 Resp: 790518
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.4 8.0 12.0



#90
Benzo(a)pyrene
Concen: 47.886 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:252 Resp: 697597
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.5 9.0 13.4

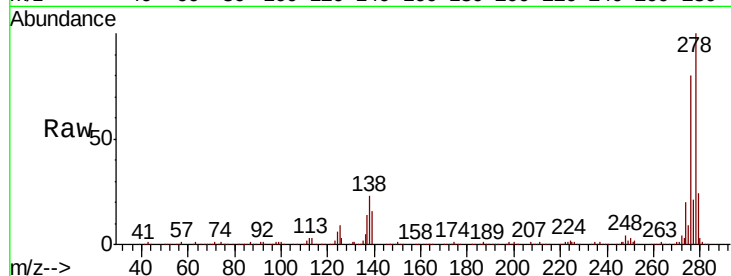




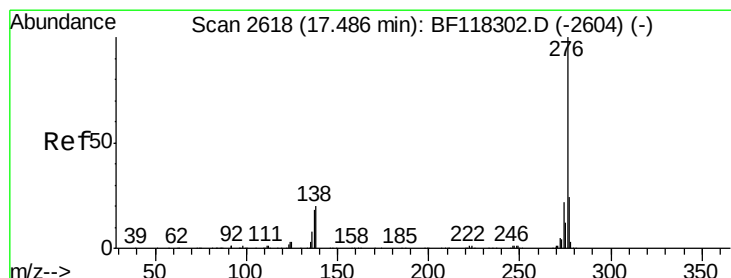
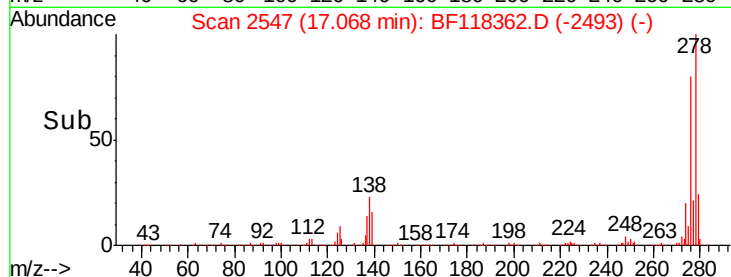
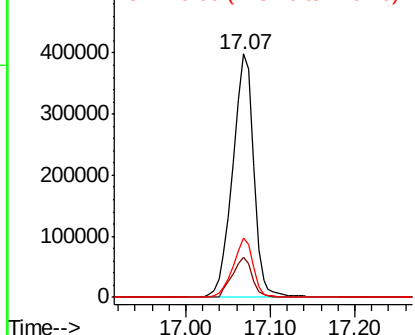
#91
Dibenzo(a,h)anthracene
Concen: 54.007 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.02 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 682750
Ion Ratio Lower Upper
278 100
139 16.3 11.5 17.3
279 24.4 18.3 27.5

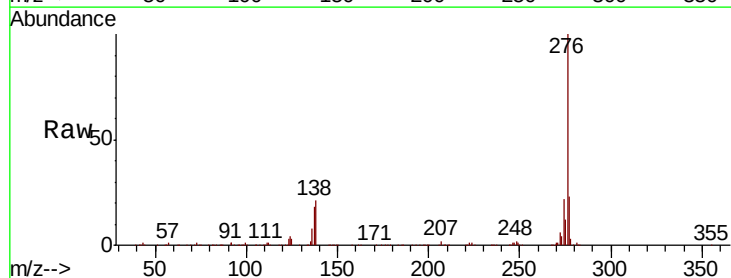


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.028 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.03 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion:276 Resp: 671995
Ion Ratio Lower Upper
276 100
277 22.7 19.1 28.7
138 20.6 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

