

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122319\
 Data File : BF118303.D
 Acq On : 24 Dec 2019 12:24
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 24 14:48:31 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 14:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131214	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	518745	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	279273	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	524241	20.00	ng	0.00
76) Chrysene-d12	14.04	240	353536	20.00	ng	0.00
87) Perylene-d12	15.53	264	310860	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	833112	111.21	ng	0.00
7) Phenol-d6	6.49	99	1029387	113.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	967803	104.96	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	368294	108.56	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1936064	105.49	ng	0.00
79) Terphenyl-d14	12.99	244	2238434	108.88	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.58	88	167392	52.991	ng	99
3) Pyridine	3.34	79	463198	56.835	ng	98
4) n-Nitrosodimethylamine	3.30	42	185279	52.846	ng	100
6) Aniline	6.52	93	656739	56.659	ng	100
8) 2-Chlorophenol	6.64	128	467208	55.307	ng	98
9) Benzaldehyde	6.40	77	263480	57.173	ng	100
10) Phenol	6.50	94	584757	56.586	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	411166	55.013	ng	100
12) 1,3-Dichlorobenzene	6.79	146	539576	54.678	ng	99
13) 1,4-Dichlorobenzene	6.87	146	547996	55.148	ng	99
14) 1,2-Dichlorobenzene	7.03	146	515638	55.257	ng	98
15) Benzyl Alcohol	7.00	79	396478	56.052	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	441345	49.113	ng	98
17) 2-Methylphenol	7.11	107	376173	55.989	ng	98
18) Hexachloroethane	7.36	117	199216	54.409	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	313019	56.848	ng	98
20) 3+4-Methylphenols	7.26	107	488347	57.866	ng	92
22) Acetophenone	7.27	105	677679	54.377	ng	# 96
24) Nitrobenzene	7.45	77	486648	53.718	ng	93
25) Isophorone	7.68	82	839074	53.679	ng	99
26) 2-Nitrophenol	7.76	139	258624	53.411	ng	98
27) 2,4-Dimethylphenol	7.79	122	352586	54.589	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	552163	54.059	ng	99
29) 2,4-Dichlorophenol	8.00	162	403638	53.607	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	465076	52.852	ng	98
31) Naphthalene	8.16	128	1398365	53.675	ng	99
32) Benzoic acid	7.95	122	298291	51.149	ng	95
33) 4-Chloroaniline	8.21	127	606702	53.933	ng	99
34) Hexachlorobutadiene	8.27	225	281379	53.326	ng	99
35) Caprolactam	8.60	113	128815	55.475	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	435982	55.022	ng	99
37) 2-Methylnaphthalene	8.86	142	960091	54.434	ng	99
38) 1-Methylnaphthalene	8.96	142	902347	54.487	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	453396	53.592	ng	100

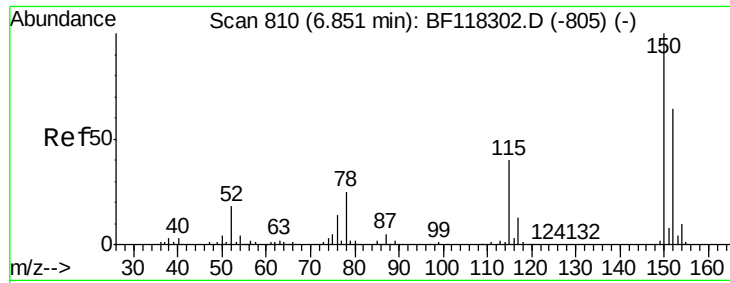
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122319\
 Data File : BF118303.D
 Acq On : 24 Dec 2019 12:24
 Operator : JU
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Quant Time: Dec 24 14:48:31 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	170085	44.871	ng	97
43) 2,4,6-Trichlorophenol	9.14	196	303625	53.751	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	314600	53.757	ng	98
46) 1,1'-Biphenyl	9.32	154	1178832	53.520	ng	99
47) 2-Chloronaphthalene	9.35	162	946553	53.424	ng	98
48) 2-Nitroaniline	9.45	65	271790	53.792	ng	98
49) Acenaphthylene	9.76	152	1415413	54.163	ng	99
50) Dimethylphthalate	9.62	163	1118739	54.233	ng	99
51) 2,6-Dinitrotoluene	9.69	165	244873	54.592	ng	88
52) Acenaphthene	9.94	154	861853	54.033	ng	99
53) 3-Nitroaniline	9.86	138	288541	54.661	ng	93
54) 2,4-Dinitrophenol	9.97	184	114737	51.415	ng	91
55) Dibenzofuran	10.11	168	1264556	54.106	ng	97
56) 4-Nitrophenol	10.03	139	183401	50.063	ng	93
57) 2,4-Dinitrotoluene	10.10	165	329900	55.103	ng	92
58) Fluorene	10.46	166	1027872	55.341	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	265654	55.021	ng	99
60) Diethylphthalate	10.32	149	1118921	55.054	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	509587	54.528	ng	92
62) 4-Nitroaniline	10.48	138	300789	54.634	ng	99
63) Azobenzene	10.60	77	950497	54.784	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	157500	54.401	ng	87
66) n-Nitrosodiphenylamine	10.56	169	902163	55.107	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	324244	54.182	ng	97
68) Hexachlorobenzene	11.00	284	385744	54.765	ng	98
69) Atrazine	11.09	200	271789	65.469	ng	97
70) Pentachlorophenol	11.20	266	176148	53.178	ng	98
71) Phenanthrene	11.42	178	1503158	53.938	ng	100
72) Anthracene	11.47	178	1519434	54.655	ng	99
73) Carbazole	11.63	167	1352495	54.223	ng	100
74) Di-n-butylphthalate	11.95	149	1710344	54.789	ng	99
75) Fluoranthene	12.62	202	1524174	53.494	ng	98
77) Benzidine	12.73	184	498133	53.523	ng	99
78) Pyrene	12.85	202	1542336	55.360	ng	99
80) Butylbenzylphthalate	13.46	149	690093	54.694	ng	98
81) Benzo(a)anthracene	14.04	228	1313239	53.720	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	447204	55.702	ng	99
83) Chrysene	14.07	228	1265008	54.173	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	923401	55.501	ng	99
85) Di-n-octyl phthalate	14.63	149	1351693	53.633	ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1060082	53.954	ng	99
88) Benzo(b)fluoranthene	15.10	252	1074257	52.252	ng	99
89) Benzo(k)fluoranthene	15.13	252	1083745	54.871	ng	100
90) Benzo(a)pyrene	15.47	252	973857	53.633	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	867158	55.680	ng	98
92) Benzo(g,h,i)perylene	17.49	276	835624	55.836	ng	98

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

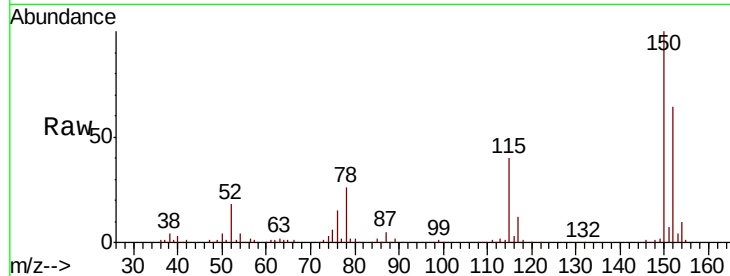


#1

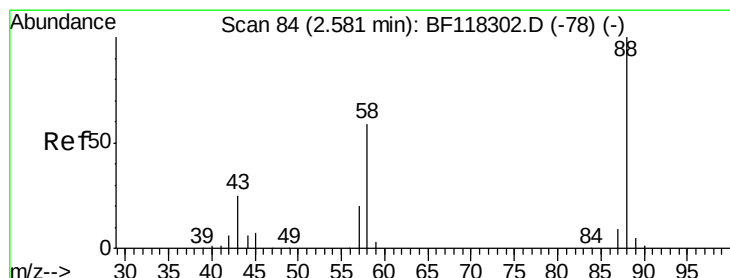
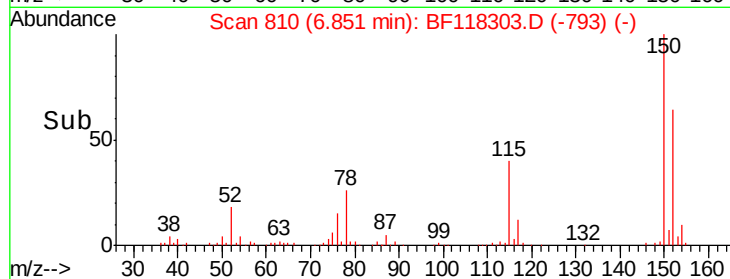
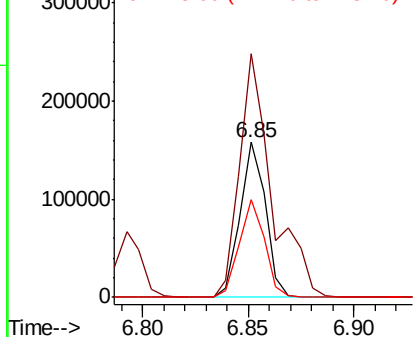
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 131214
Ion Ratio Lower Upper
152 100
150 157.3 125.4 188.2
115 63.3 50.2 75.4



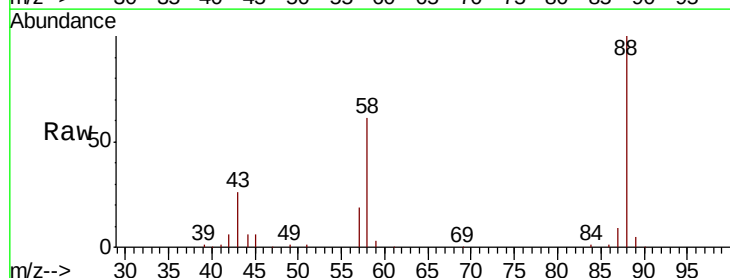
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



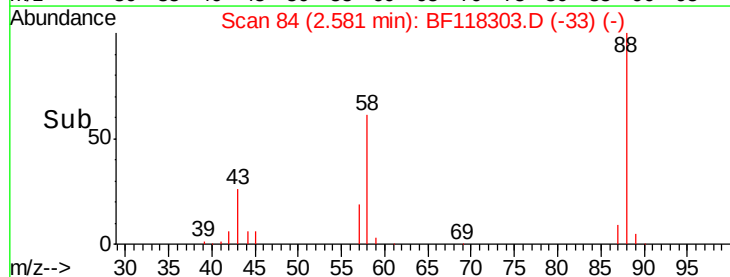
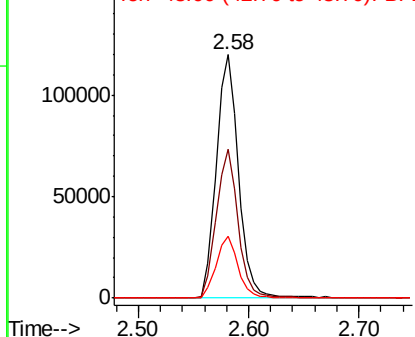
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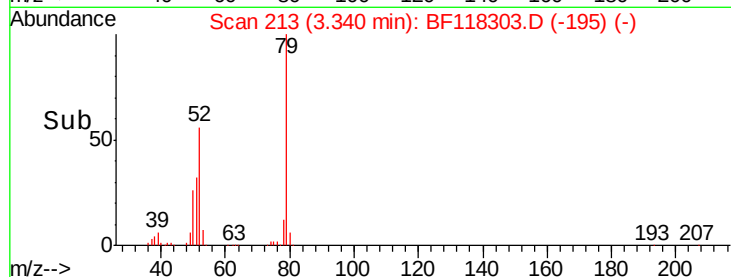
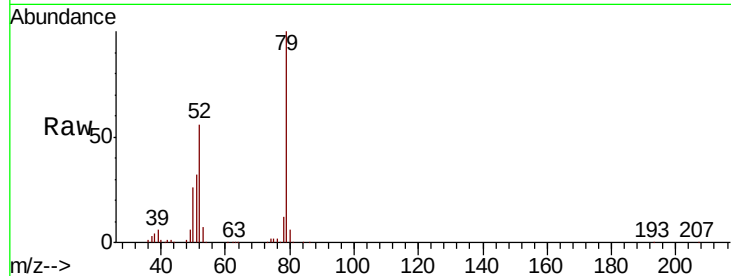
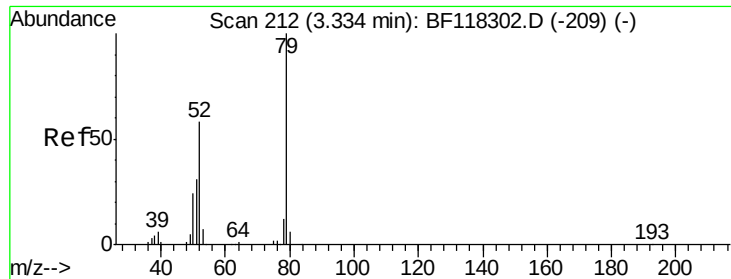
1,4-Dioxane
Concen: 52.991 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion: 88 Resp: 167392
Ion Ratio Lower Upper
88 100
58 59.7 47.6 71.4
43 25.1 20.6 30.8



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

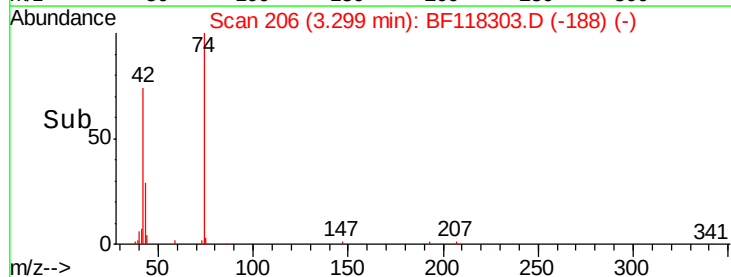
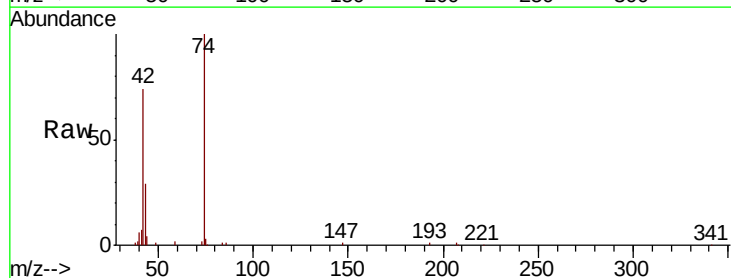
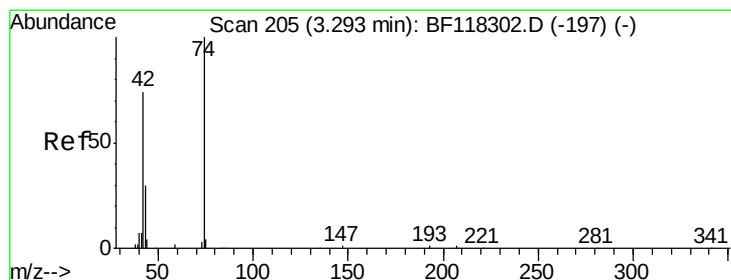
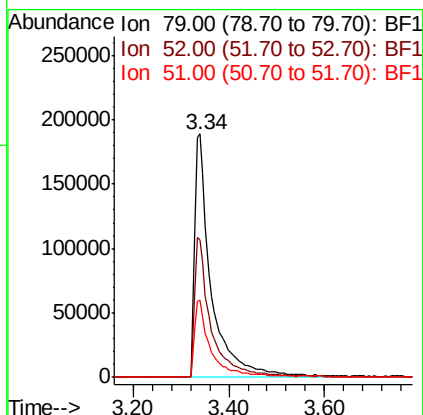




#3
 Pvridine
 Concen: 56.835 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

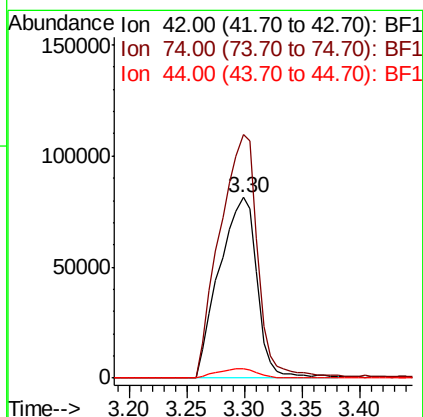
Instrument :
 BNA_E
 ClientSampleId :

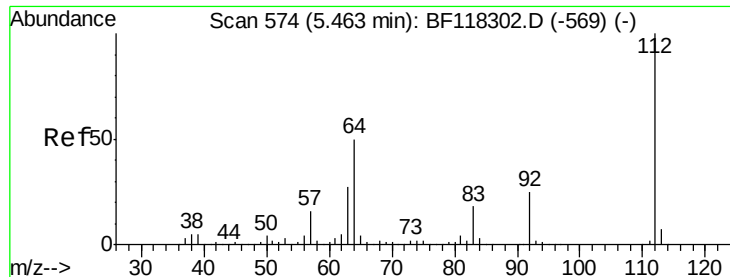
Tot Ion	Ratio	Lower	Upper
79	100		
52	56.3	46.4	69.6
51	31.9	24.9	37.3



#4
 n-Nitrosodimethylamine
 Concen: 52.846 ng
 RT: 3.30 min Scan# 206
 Delta R.T. 0.01 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.9	107.7	161.5
44	5.1	4.8	7.2





#5

2-Fluorophenol

Concen: 111.205 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF118303.D

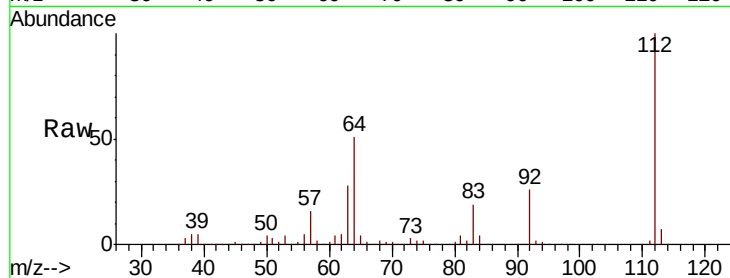
Acq: 24 Dec 2019 12:24

Instrument :

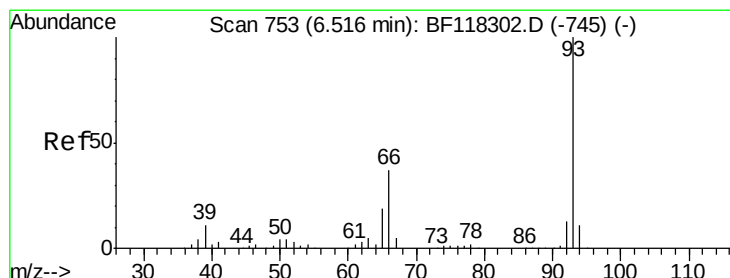
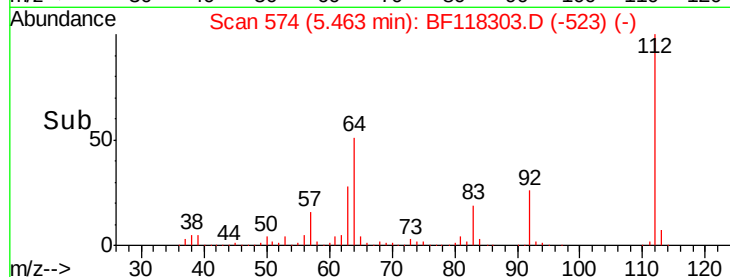
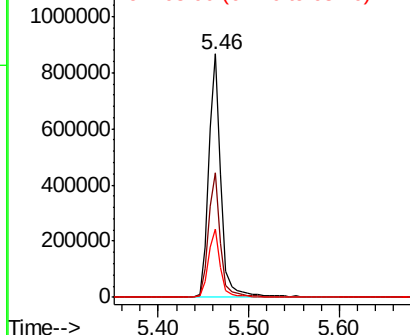
BNA_E

ClientSampled :

Tot Ion:	112	Resp:	833112
Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.7	59.5
63	27.9	21.7	32.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 56.659 ng

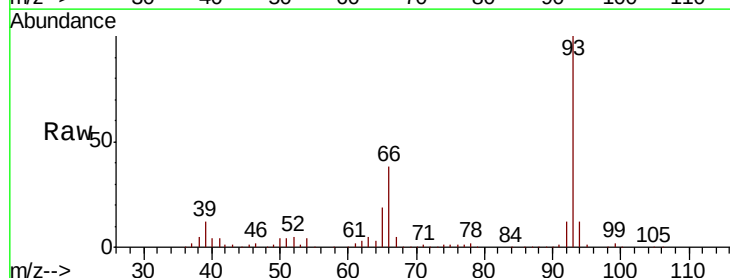
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

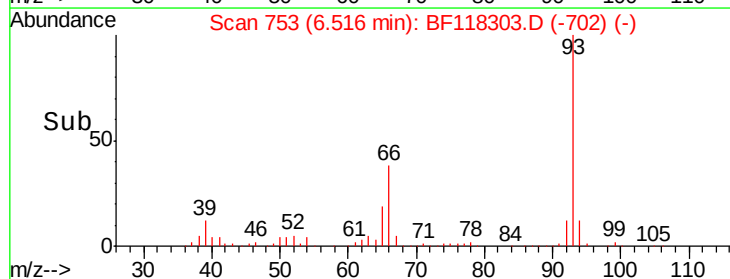
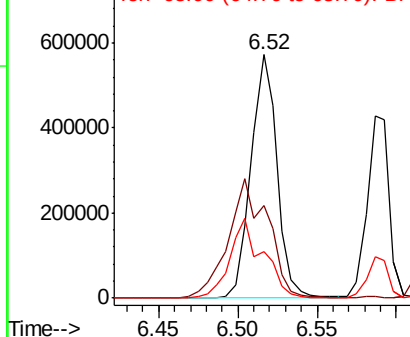
Lab File: BF118303.D

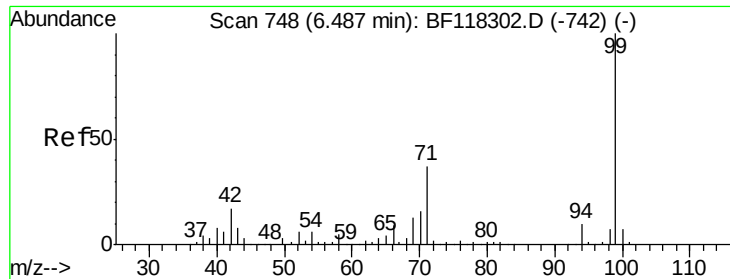
Acq: 24 Dec 2019 12:24

Tgt Ion:	93	Resp:	656739
Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.2	45.4
65	19.3	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: 113.601 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

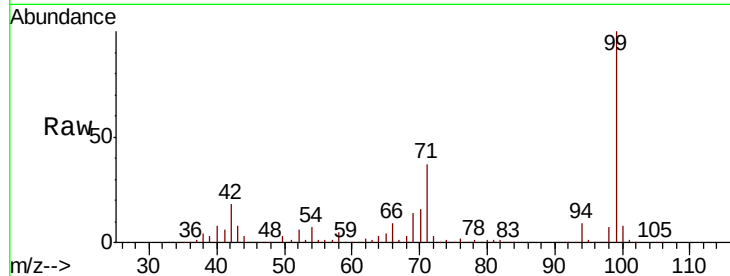
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 1029387

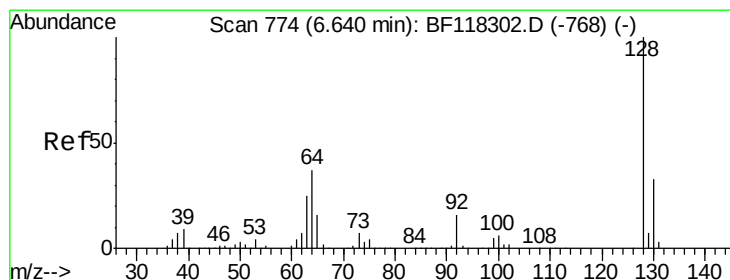
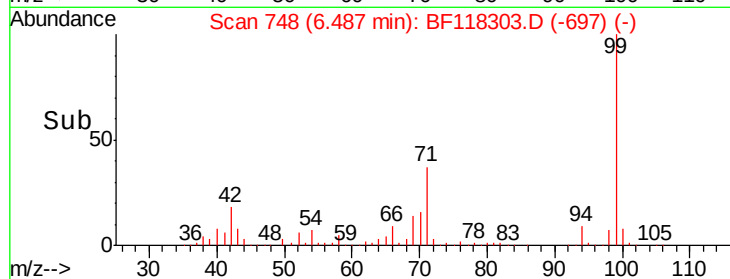
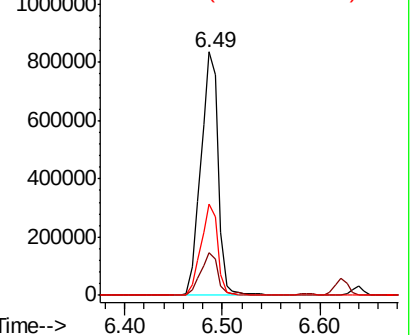
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	37.4	29.4	44.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 55.307 ng

RT: 6.64 min Scan# 774

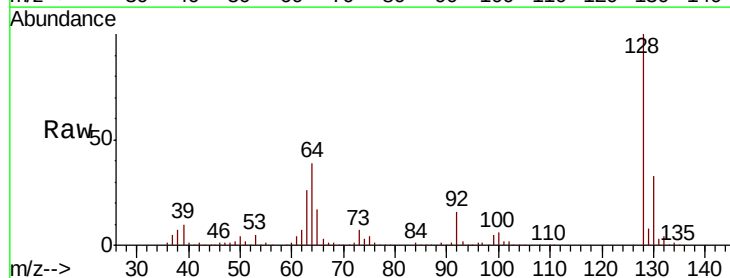
Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Tgt Ion: 128 Resp: 467208

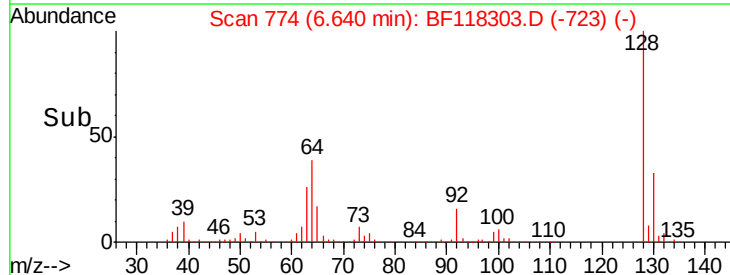
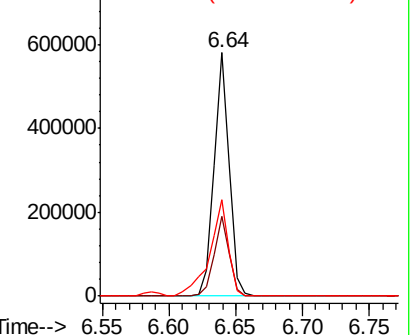
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.2	53.2
64	39.4	17.7	57.7

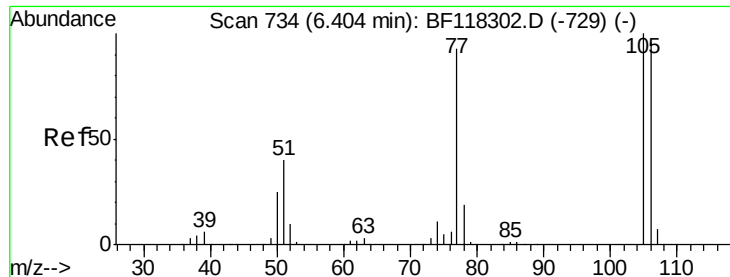


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 57.173 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

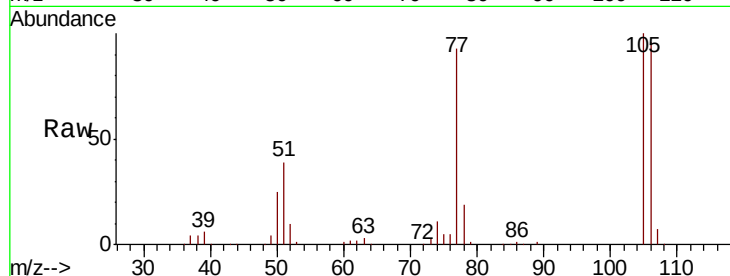
Tot Ion: 77 Resp: 263480

Ion Ratio Lower Upper

77 100

105 107.8 87.5 127.5

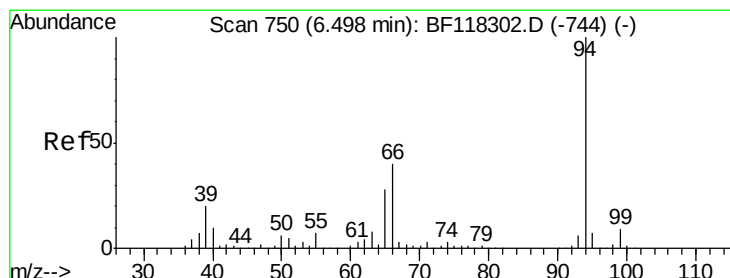
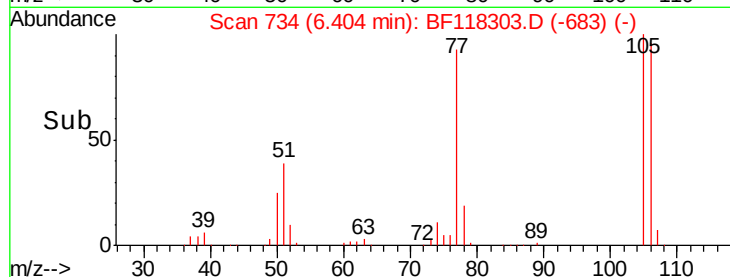
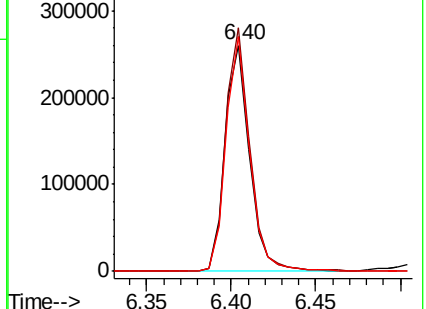
106 103.7 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 56.586 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

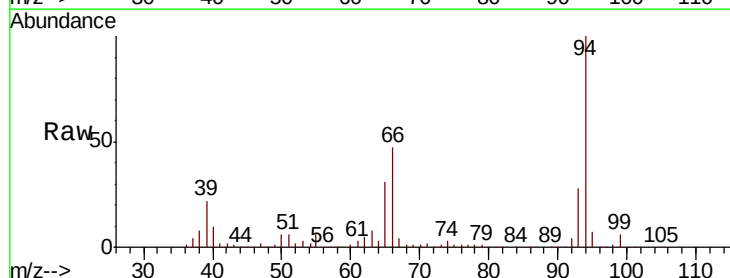
Tgt Ion: 94 Resp: 584757

Ion Ratio Lower Upper

94 100

65 31.0 7.8 47.8

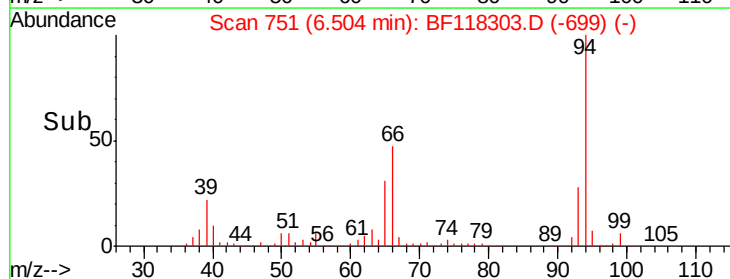
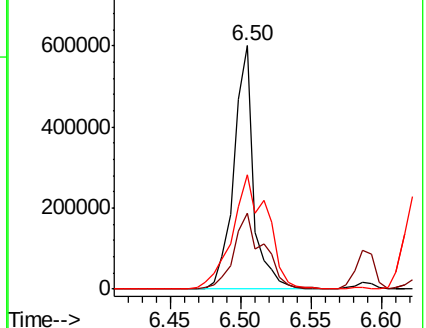
66 46.7 20.4 60.4

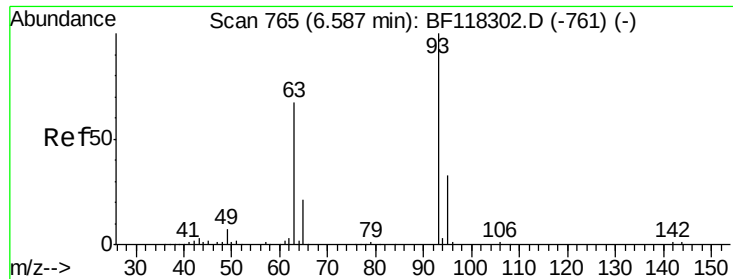


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 55.013 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

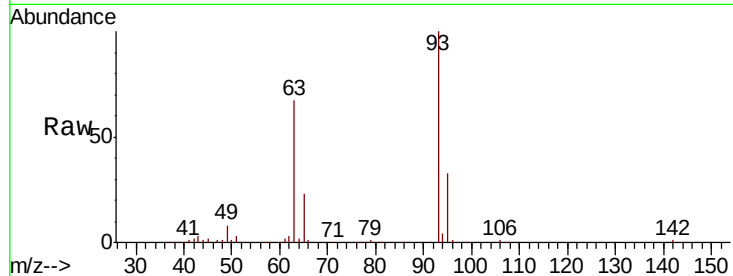
Tot Ion: 93 Resp: 411166

Ion Ratio Lower Upper

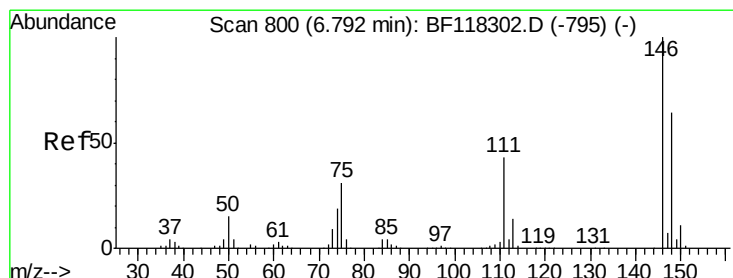
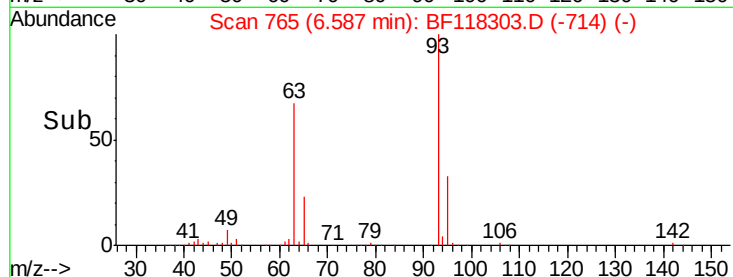
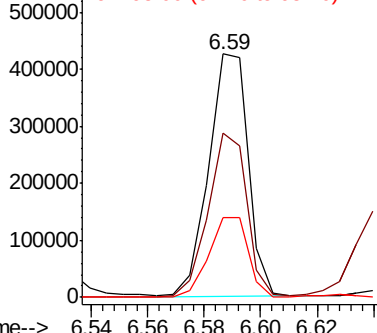
93 100

63 67.5 47.0 87.0

95 32.6 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: 54.678 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

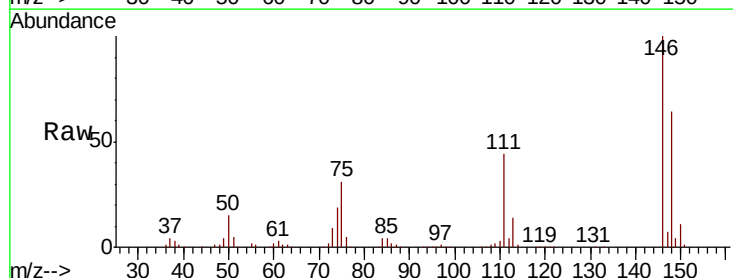
Tgt Ion: 146 Resp: 539576

Ion Ratio Lower Upper

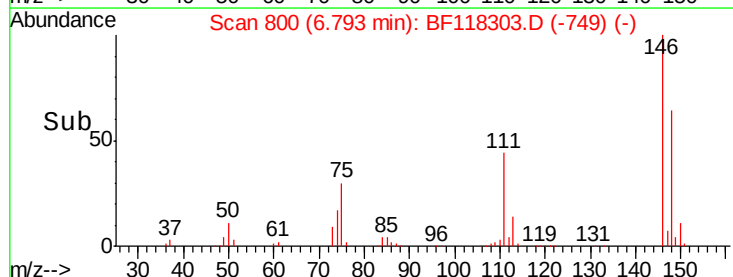
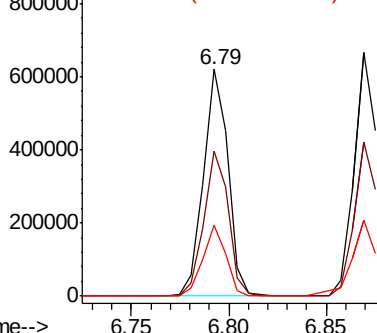
146 100

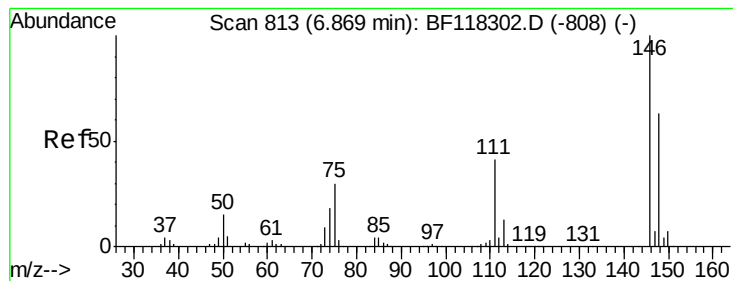
148 63.8 51.4 77.0

75 31.0 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: 55.148 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

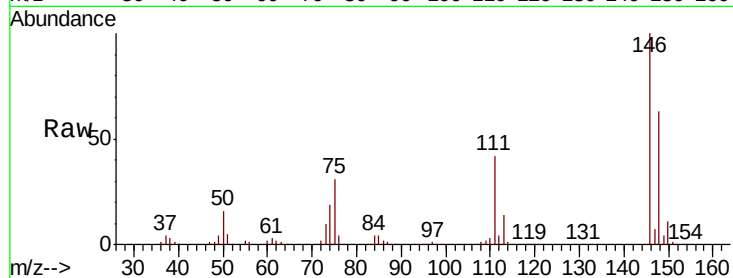
Tot Ion:146 Resp: 547996

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

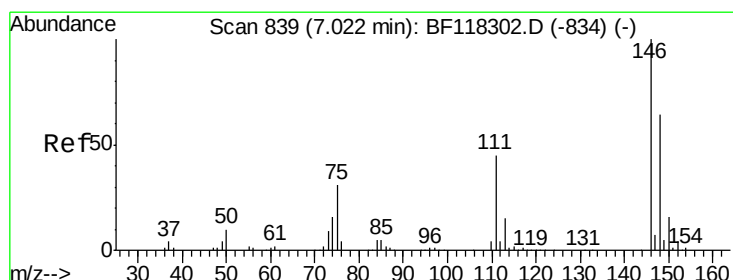
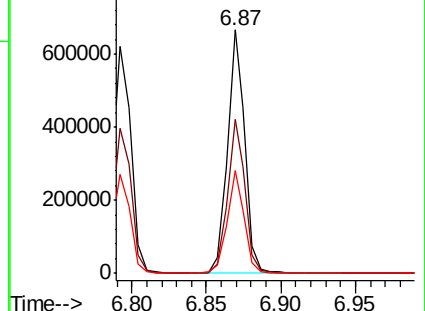
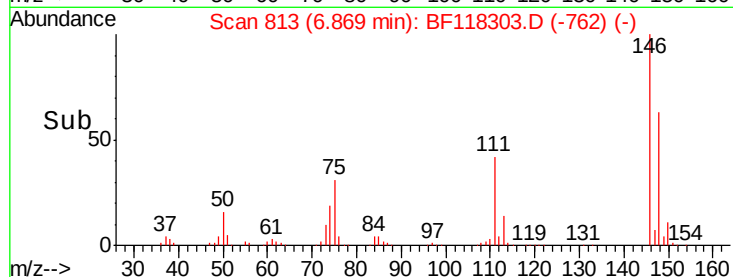
111 42.3 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 55.257 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

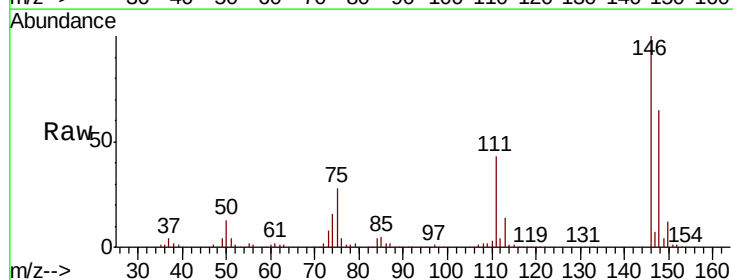
Tgt Ion:146 Resp: 515638

Ion Ratio Lower Upper

146 100

148 65.3 51.3 76.9

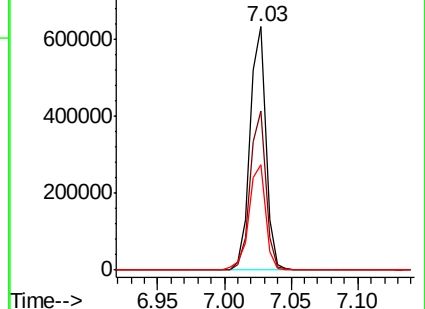
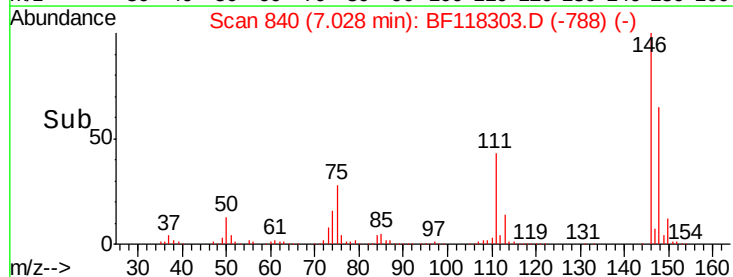
111 43.1 35.7 53.5

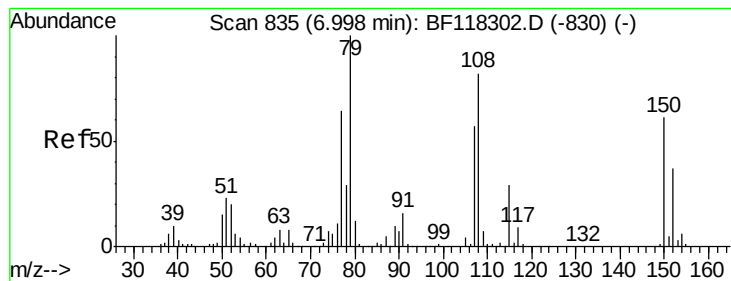


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 56.052 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

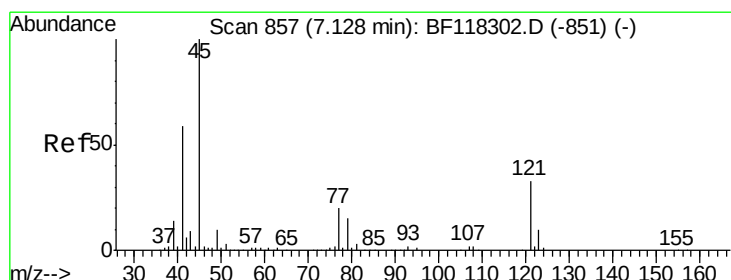
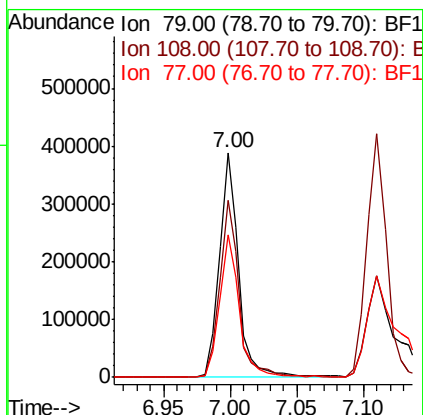
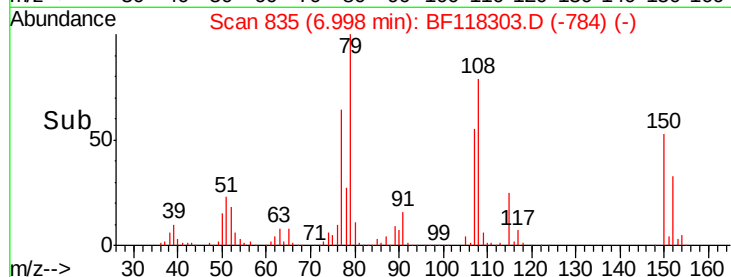
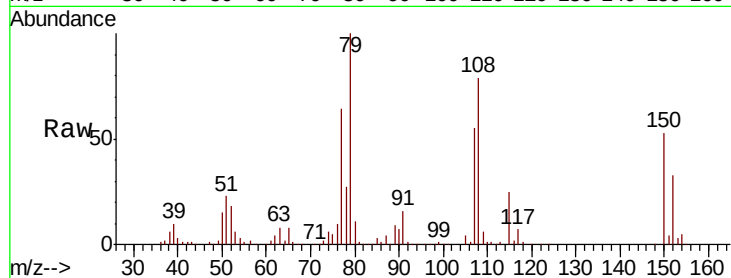
Tot Ion: 79 Resp: 396478

Ion Ratio Lower Upper

79 100

108 79.1 65.4 98.0

77 63.7 51.4 77.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.113 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

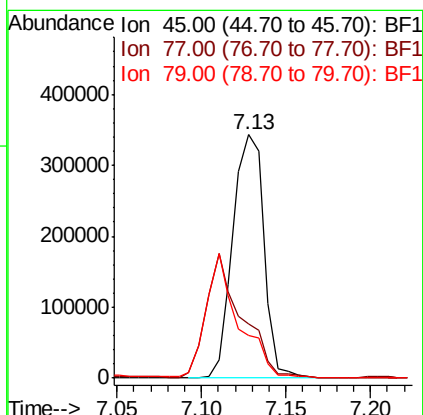
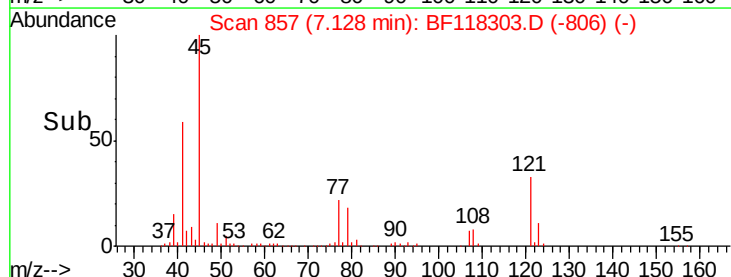
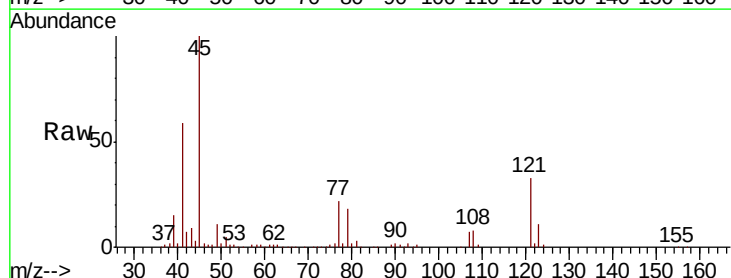
Tgt Ion: 45 Resp: 441345

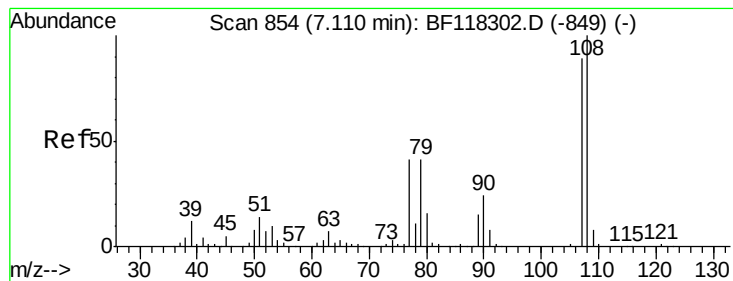
Ion Ratio Lower Upper

45 100

77 22.3 1.2 41.2

79 17.6 0.0 37.0

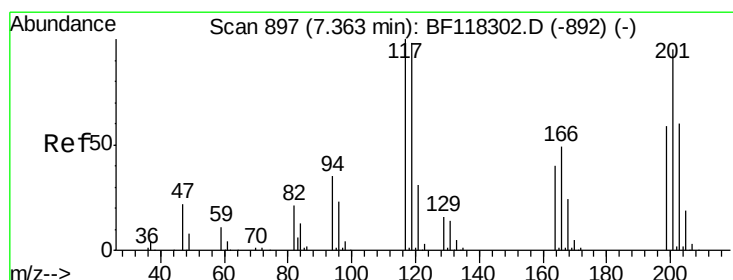
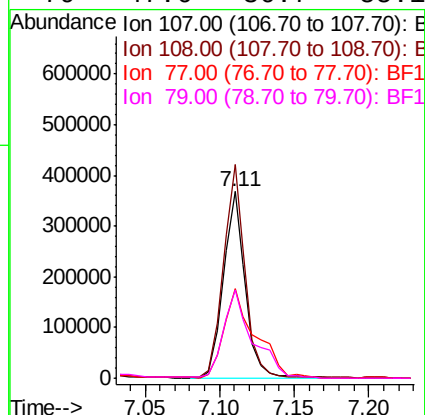
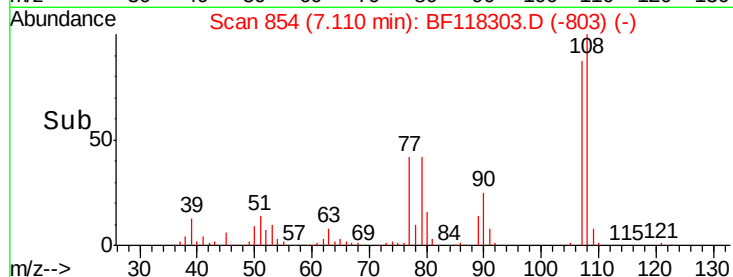
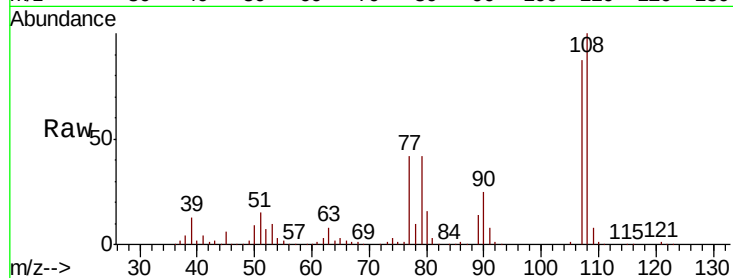




#17
2-Methylphenol
Concen: 55.989 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

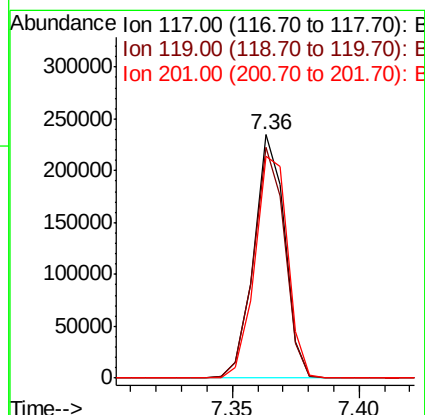
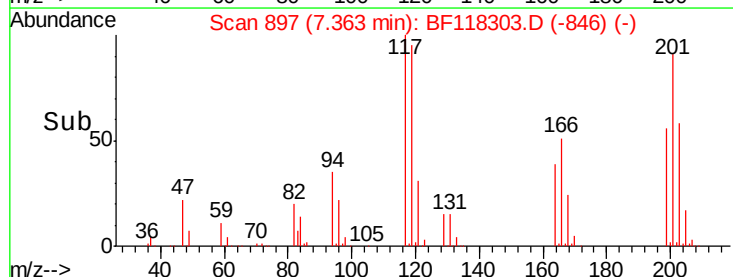
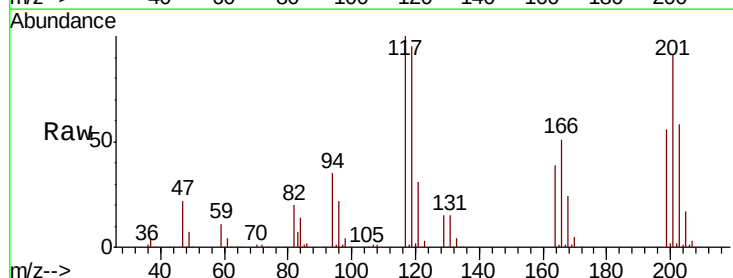
Instrument :
BNA_E
ClientSampleId :

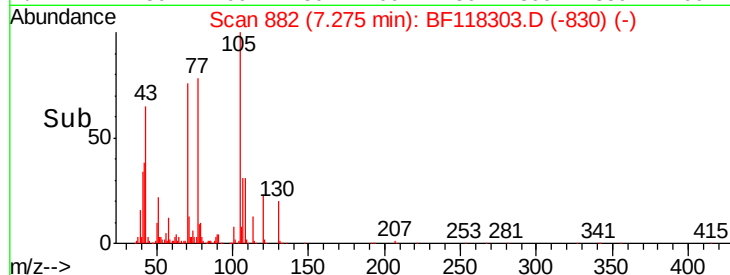
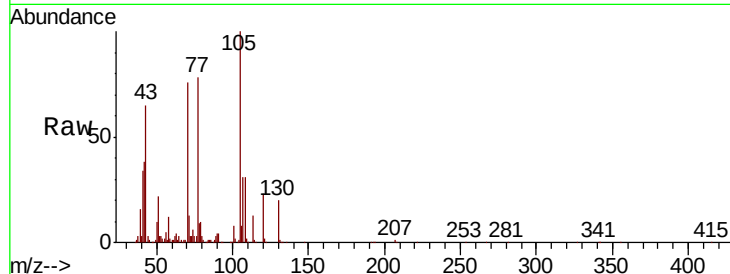
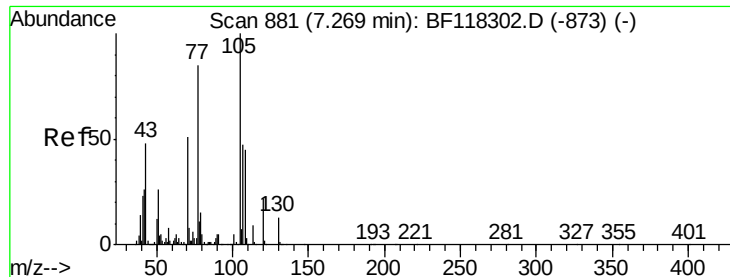
Tot Ion:107 Resp: 376173
Ion Ratio Lower Upper
107 100
108 114.6 89.7 134.5
77 47.8 37.2 55.8
79 47.6 36.7 55.1



#18
Hexachloroethane
Concen: 54.409 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:117 Resp: 199216
Ion Ratio Lower Upper
117 100
119 94.6 78.0 117.0
201 91.0 76.2 114.2

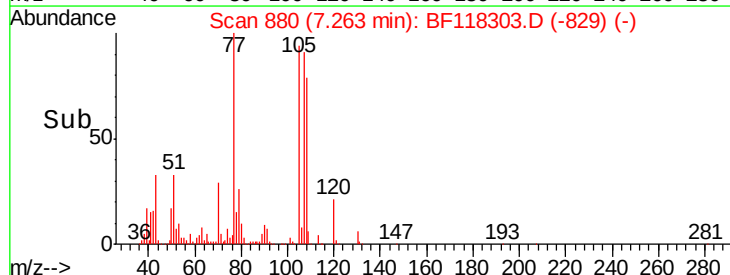
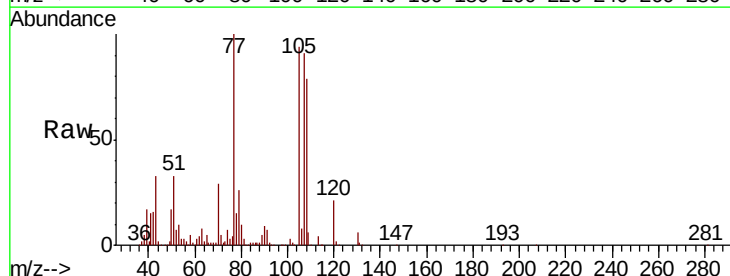
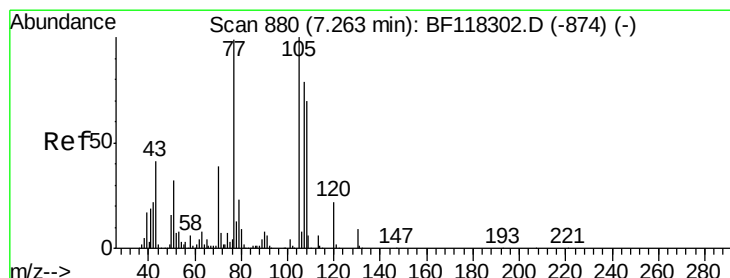
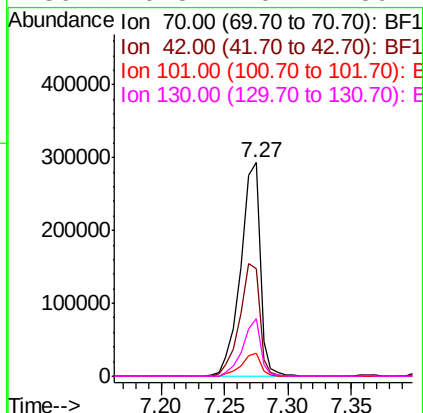




#19
n-Nitroso-di-n-propylamine
Concen: 56.848 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

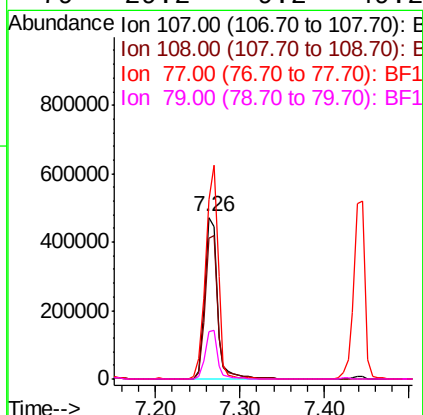
Instrument :
BNA_E
ClientSampleId :

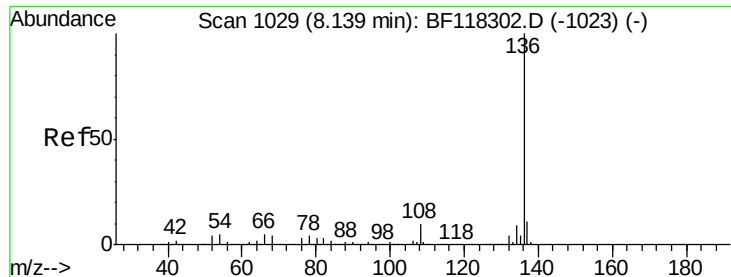
Tot Ion:	70	Resp:	313019
Ion	Ratio	Lower	Upper
70	100		
42	50.6	41.1	61.7
101	11.1	8.3	12.5
130	26.8	20.1	30.1



#20
3+4-Methylphenols
Concen: 57.866 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:	107	Resp:	488347
Ion	Ratio	Lower	Upper
107	100		
108	87.3	69.3	109.3
77	110.3	105.9	145.9
79	29.2	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: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 518745

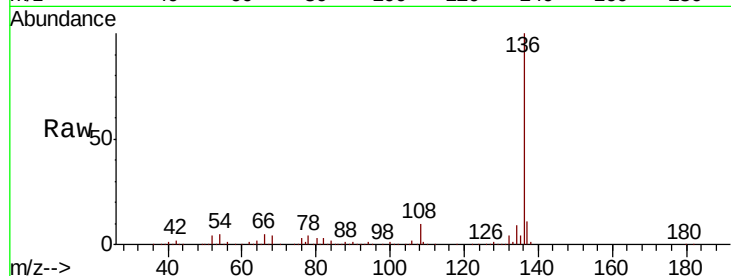
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.1 4.2 6.4

68 4.2 3.5 5.3

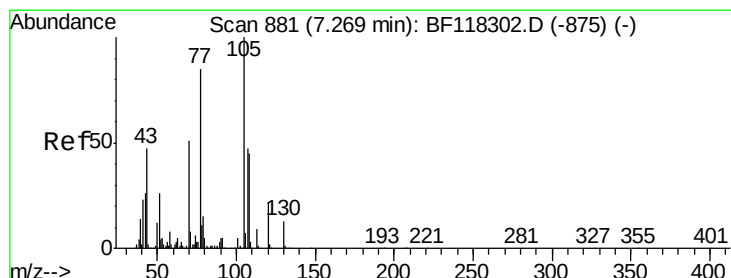
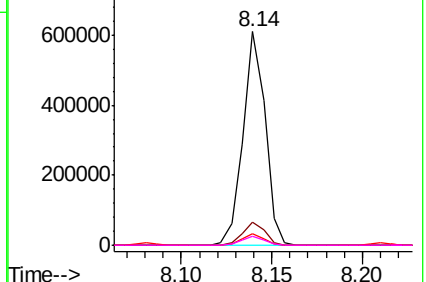
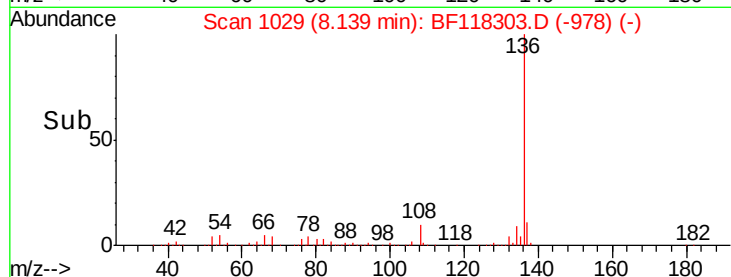


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.377 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Tgt Ion:105 Resp: 677679

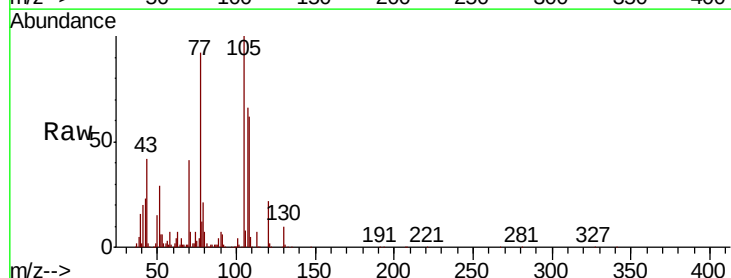
Ion Ratio Lower Upper

105 100

71 6.6 6.6 9.8#

51 29.3 20.6 30.8

120 21.8 18.0 27.0

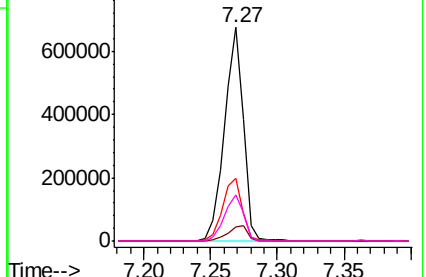
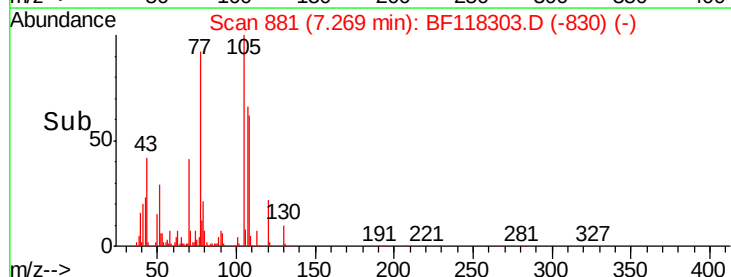


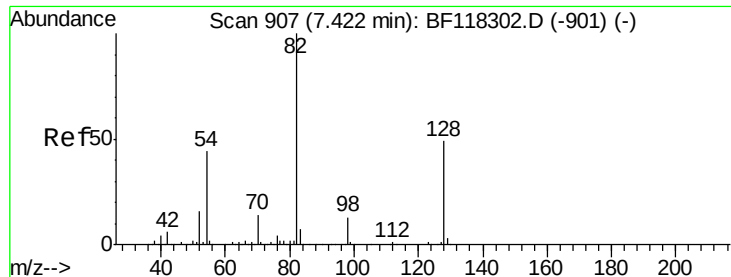
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

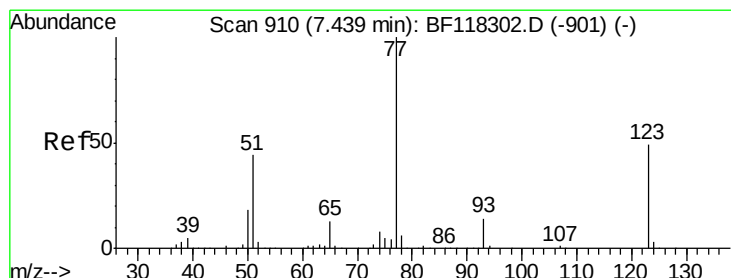
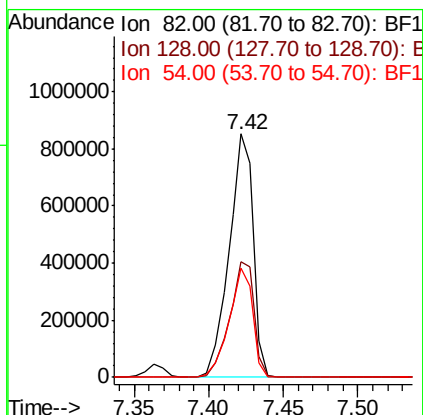
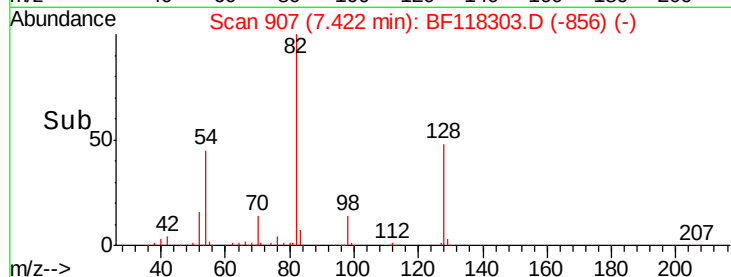
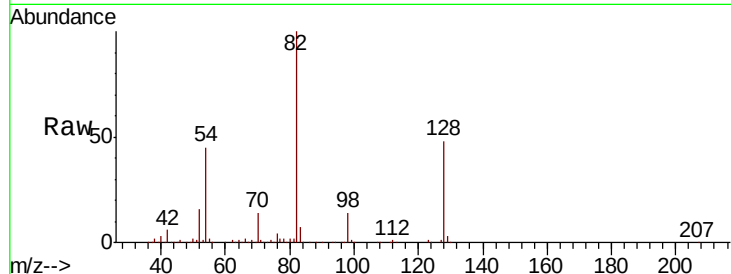




#23
Nitrobenzene-d5
Concen: 104.958 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

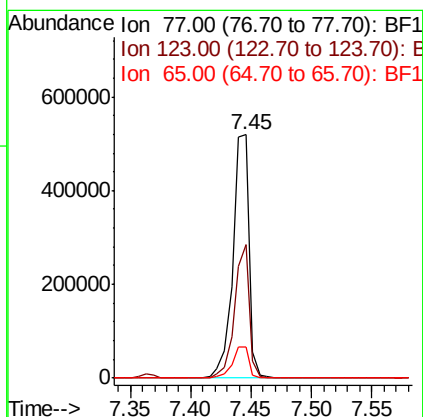
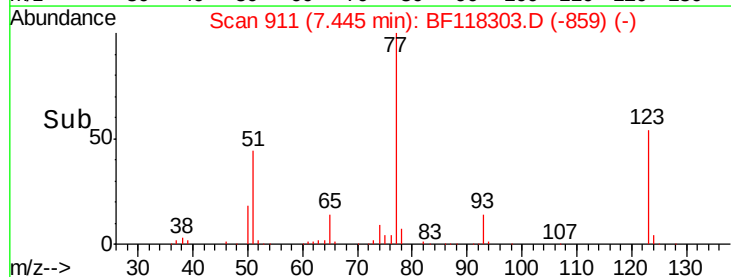
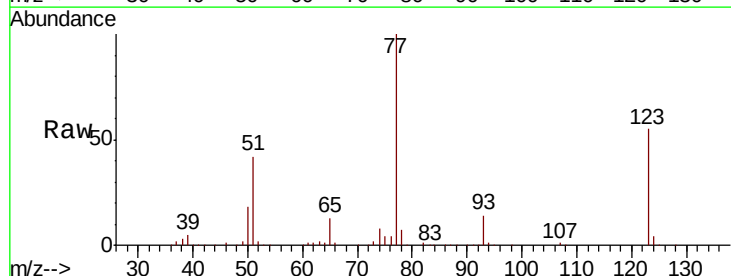
Instrument :
BNA_E
ClientSampleId :

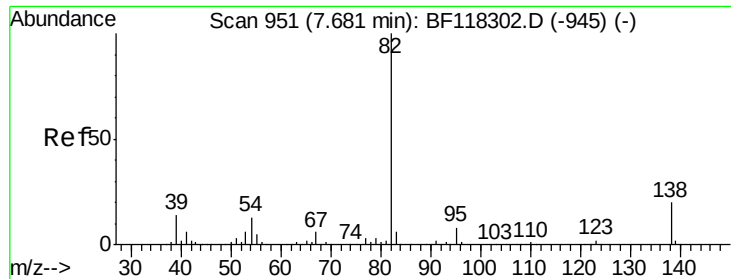
Tot Ion	82	Resp	967803
Ion Ratio	100		
Lower	39.6		
Upper	59.4		
128	47.6		
54	44.9		



#24
Nitrobenzene
Concen: 53.718 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion	77	Resp	486648
Ion Ratio	100		
Lower	39.1		
Upper	58.7		
123	54.7		
65	12.9		





#25

Isophorone

Concen: 53.679 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

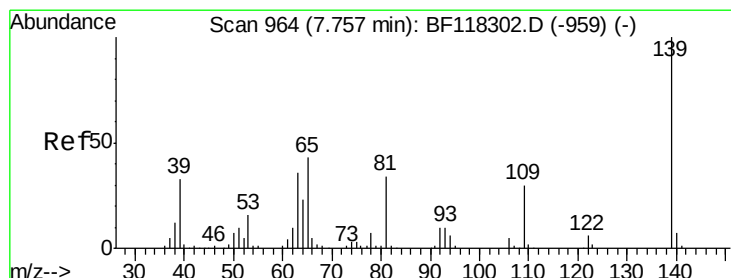
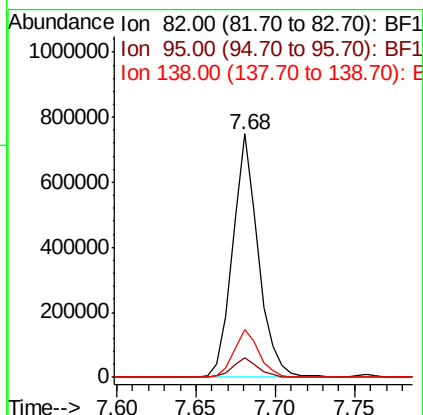
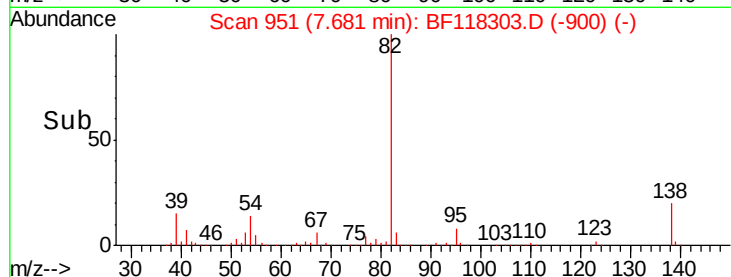
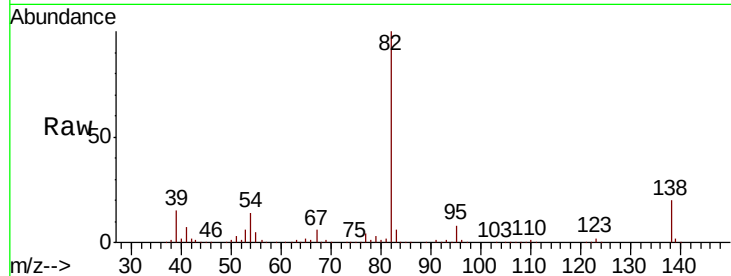
Tot Ion: 82 Resp: 839074

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

138 19.8 16.2 24.2



#26

2-Nitrophenol

Concen: 53.411 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

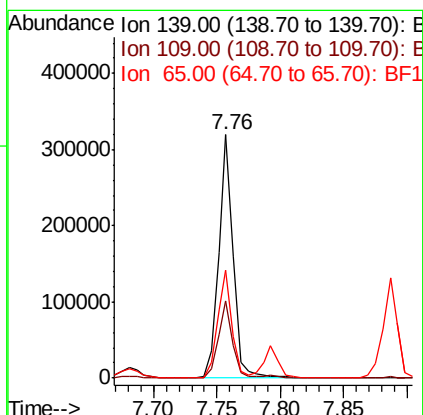
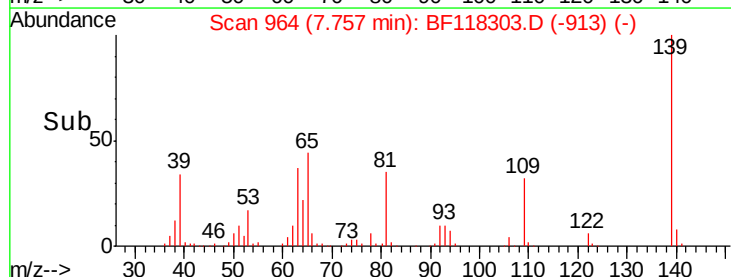
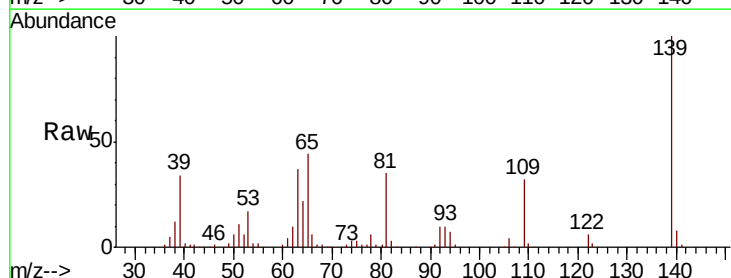
Tgt Ion: 139 Resp: 258624

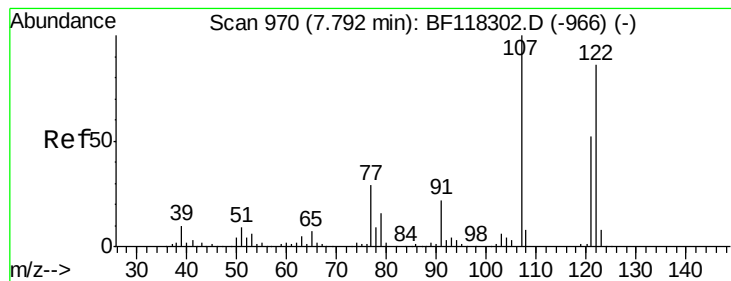
Ion Ratio Lower Upper

139 100

109 31.5 24.1 36.1

65 44.2 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 54.589 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

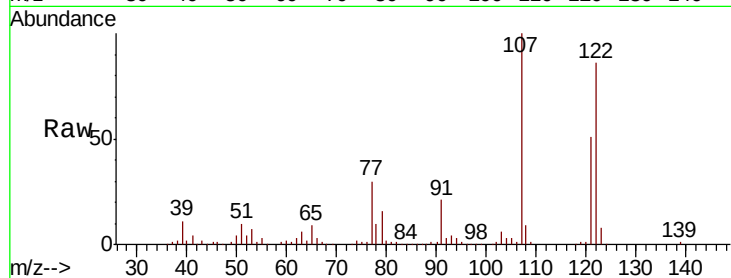
Tot Ion:122 Resp: 352586

Ion Ratio Lower Upper

122 100

107 116.5 92.9 139.3

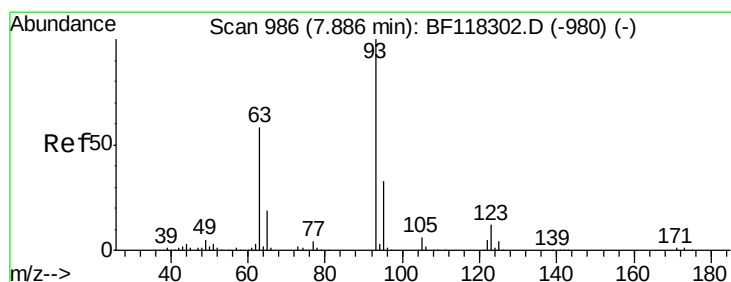
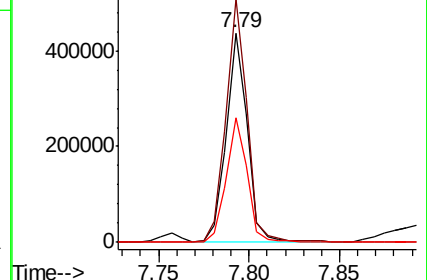
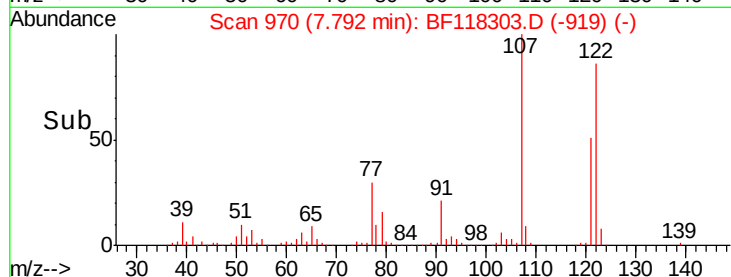
121 59.7 47.9 71.9



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: 54.059 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

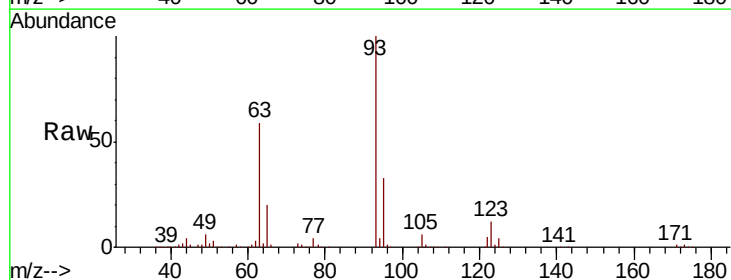
Tgt Ion: 93 Resp: 552163

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.4

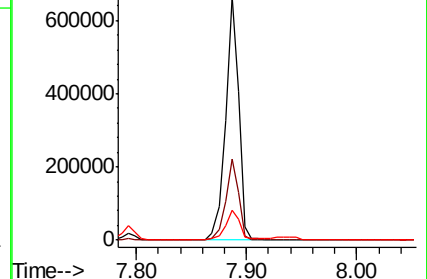
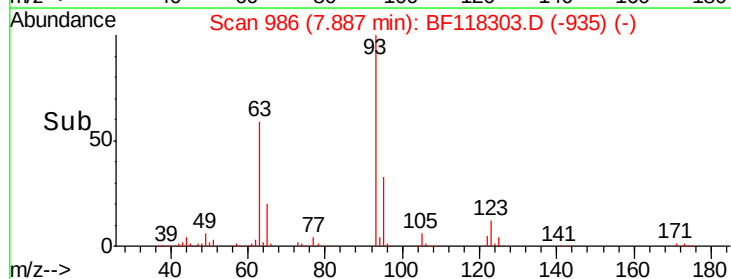
123 12.2 9.8 14.8

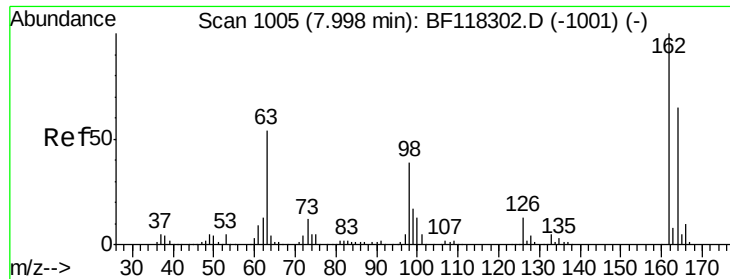


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

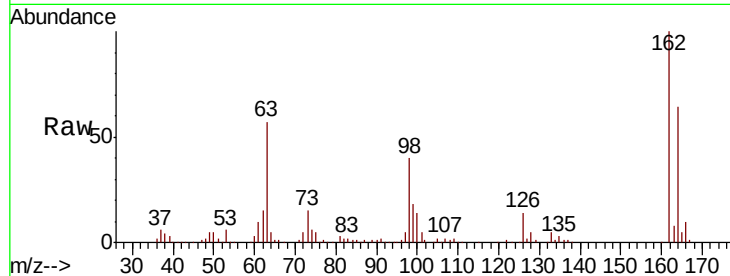




#29
 2,4-Dichlorophenol
 Concen: 53.607 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.1	85.1
98	39.9	18.6	58.6

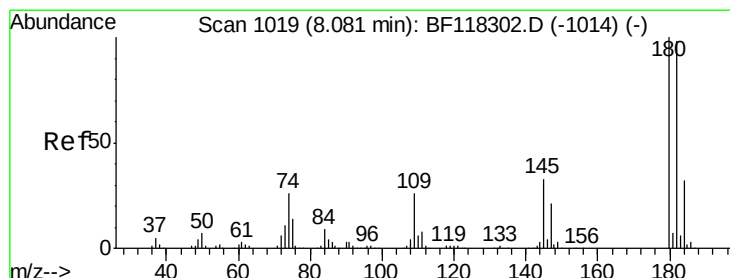
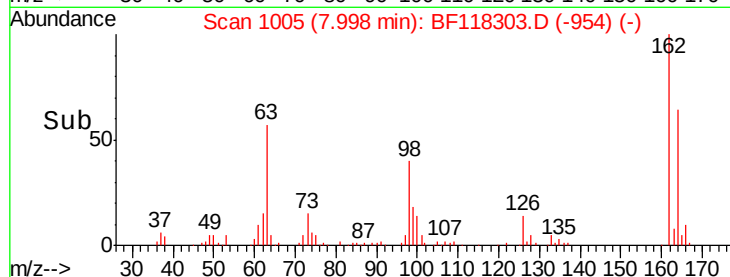
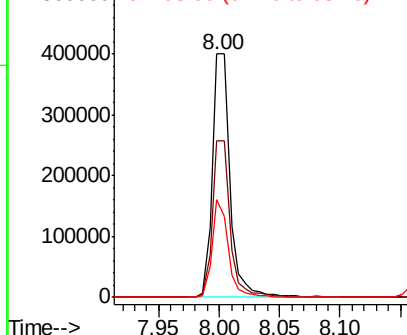


Abundance

Ion 162.00 (161.70 to 162.70): E

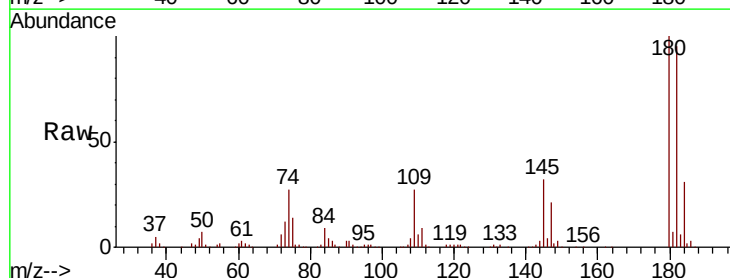
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 52.852 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.3	117.5
145	32.5	26.7	40.1

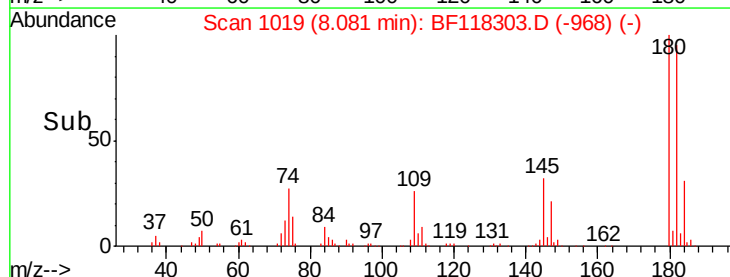
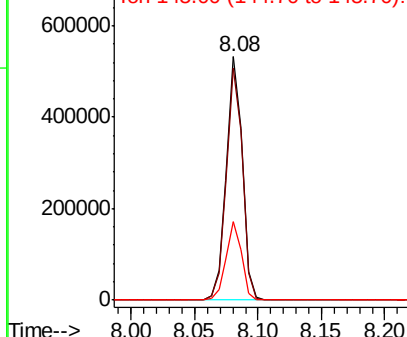


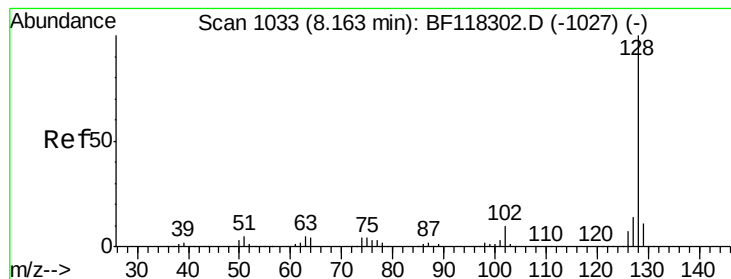
Abundance

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: 53.675 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampled :

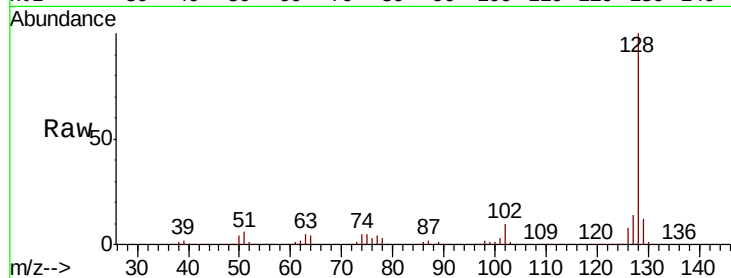
Tot Ion:128 Resp: 1398365

Ion Ratio Lower Upper

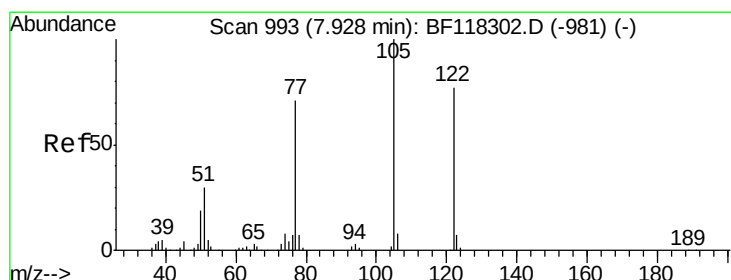
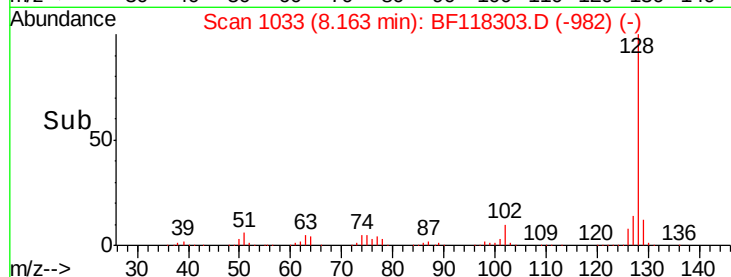
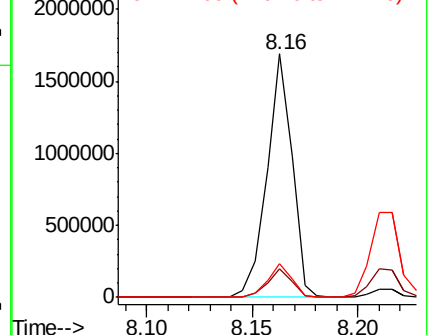
128 100

129 11.7 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: 51.149 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

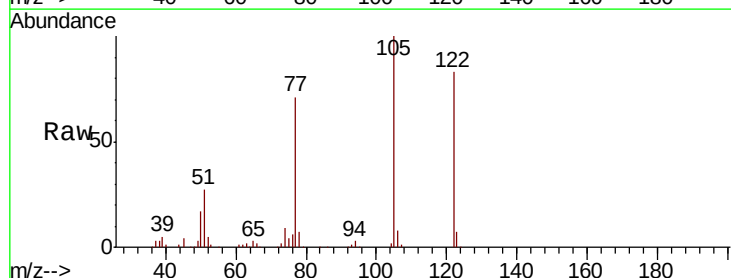
Tgt Ion:122 Resp: 298291

Ion Ratio Lower Upper

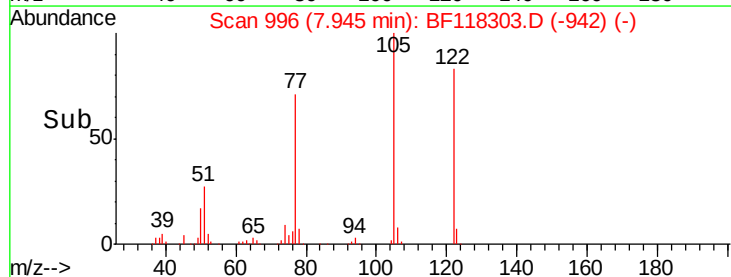
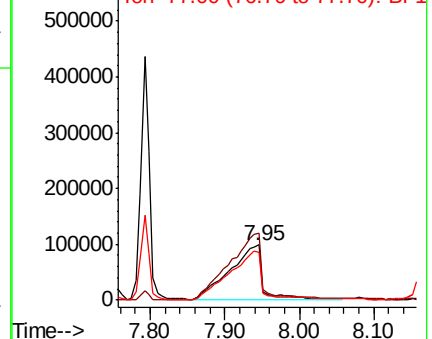
122 100

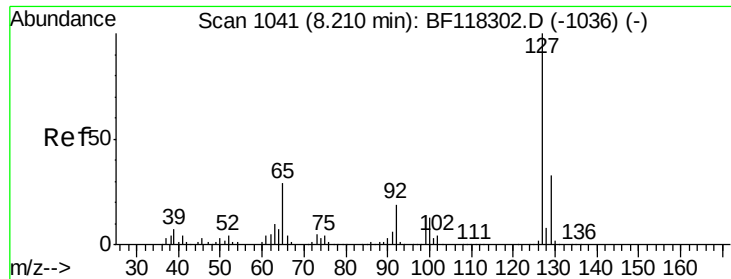
105 121.2 106.8 146.8

77 85.6 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

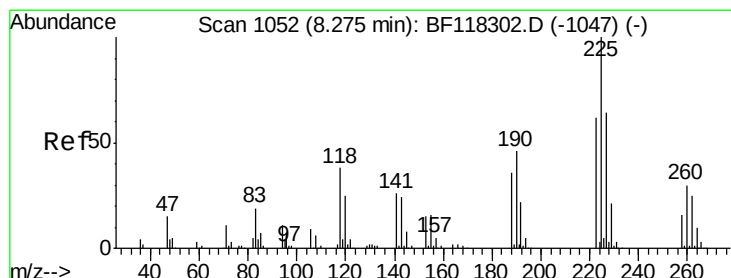
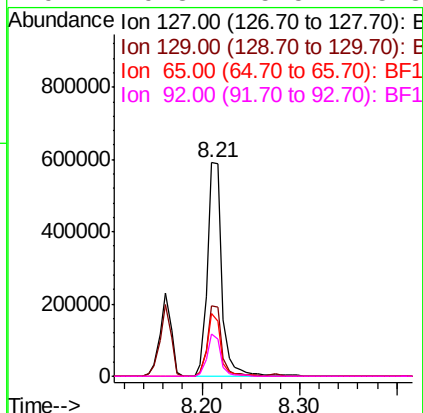
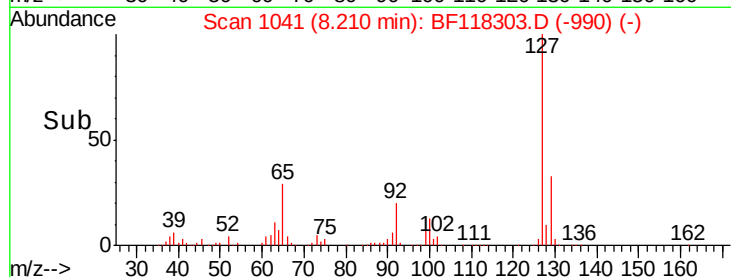
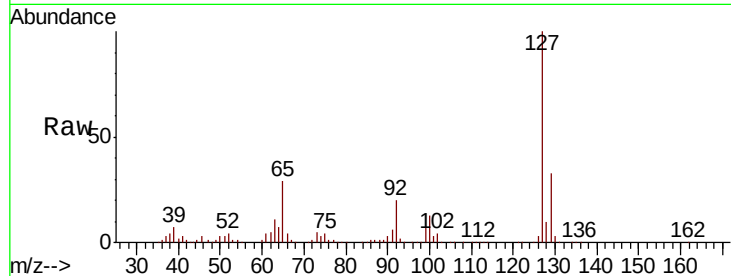




#33
4-Chloroaniline
Concen: 53.933 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

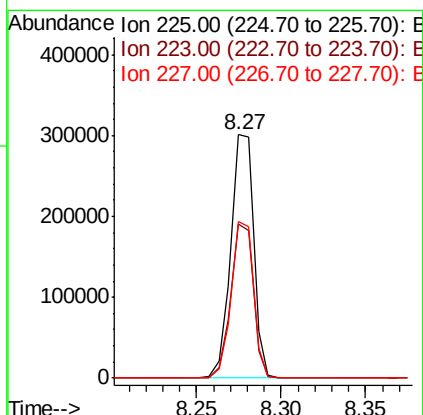
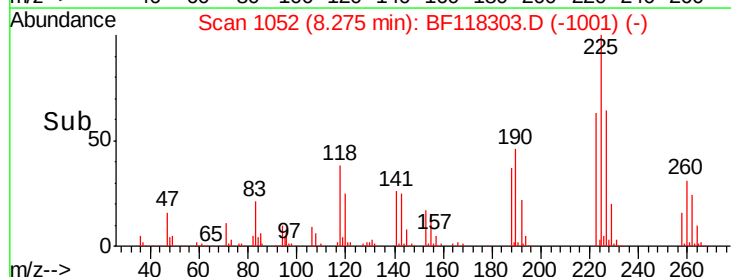
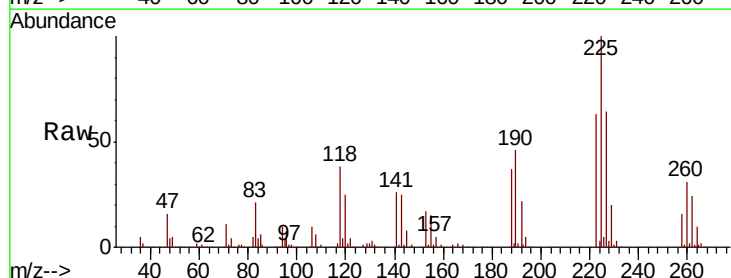
Instrument :
BNA_E
ClientSampleId :

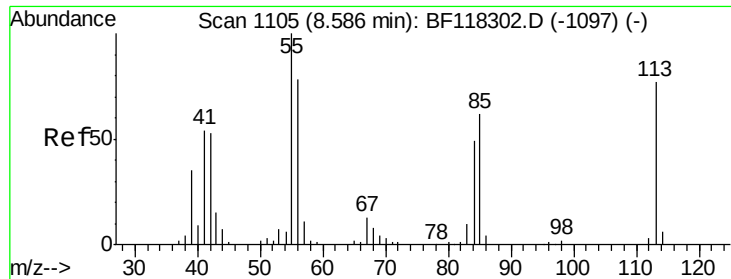
Tot Ion:	127	Resp:	606702
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.5	39.7
65	29.3	22.8	34.2
92	19.8	15.5	23.3



#34
Hexachlorobutadiene
Concen: 53.326 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:	225	Resp:	281379
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.5	74.3
227	64.1	51.0	76.4

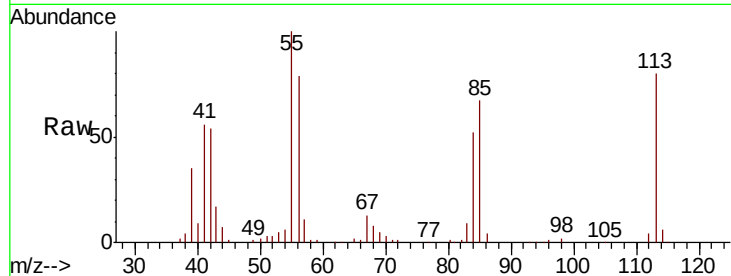




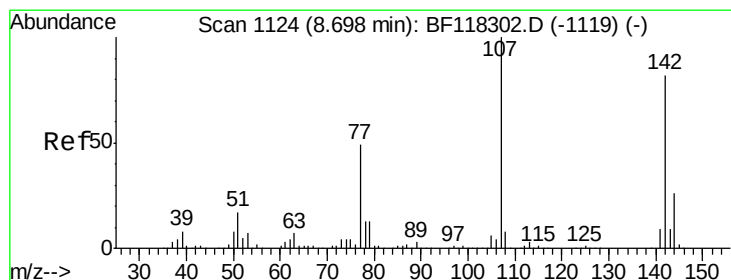
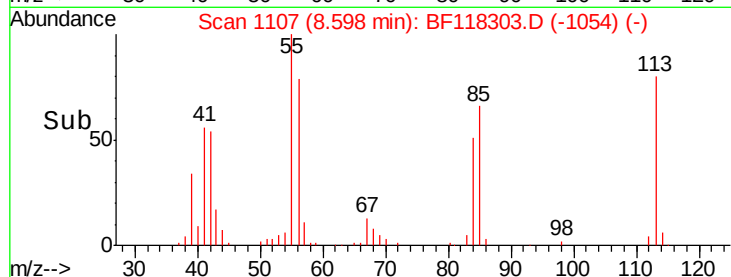
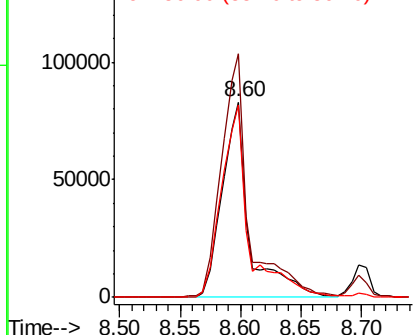
#35
 Caprolactam
 Concen: 55.475 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:113 Resp: 128815
 Ion Ratio Lower Upper
 113 100
 55 124.8 109.8 149.8
 56 98.8 81.7 121.7

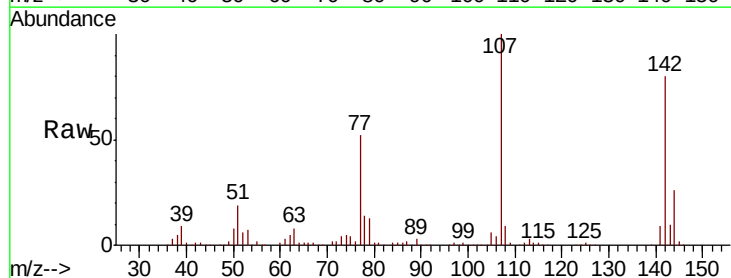


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

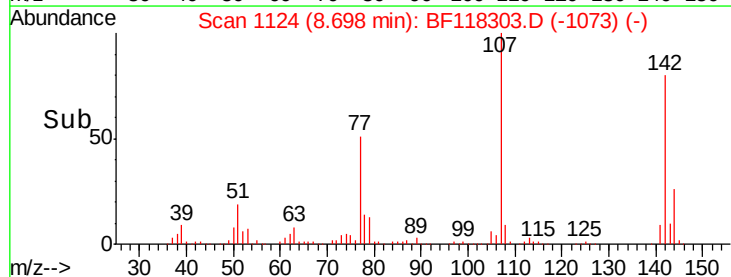
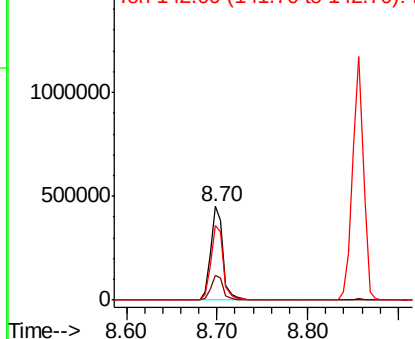


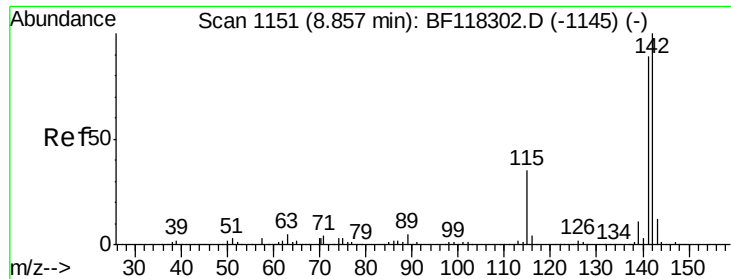
#36
 4-Chloro-3-methylphenol
 Concen: 55.022 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Tgt Ion:107 Resp: 435982
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.2 31.8
 142 80.2 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

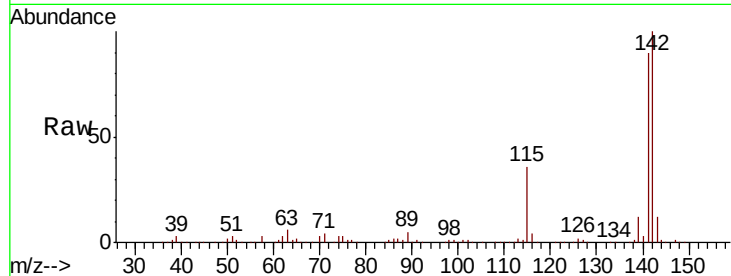




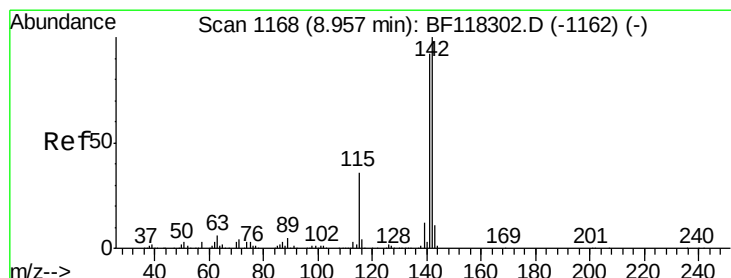
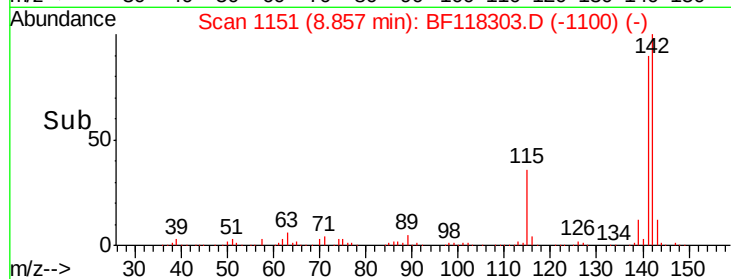
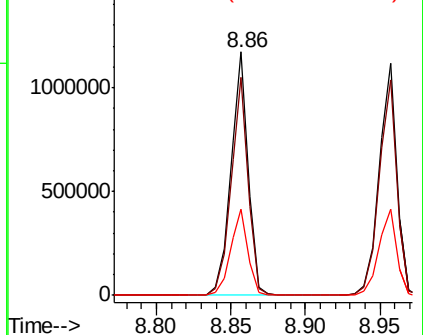
#37
2-Methylnaphthalene
Concen: 54.434 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.2	106.8
115	35.6	28.0	42.0

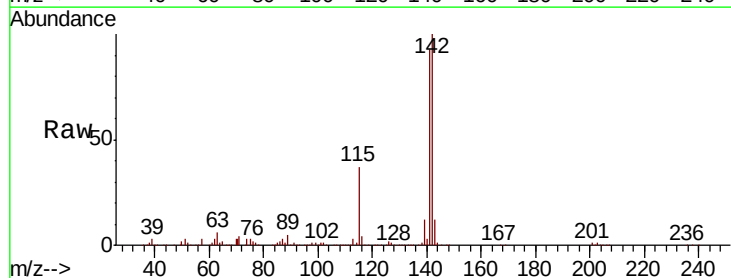


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

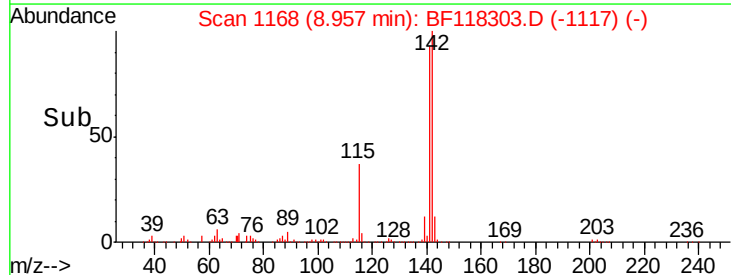
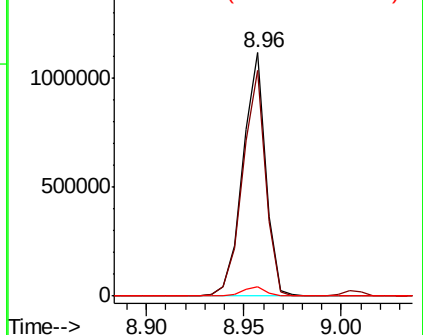


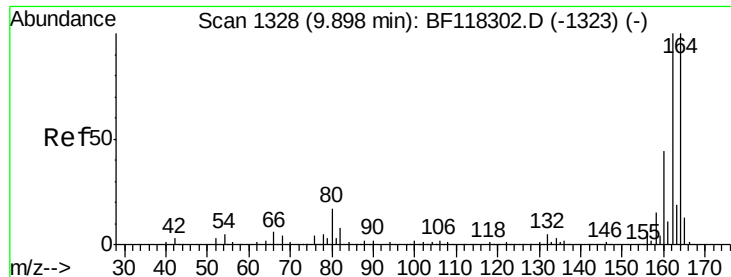
#38
1-Methylnaphthalene
Concen: 54.487 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	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: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

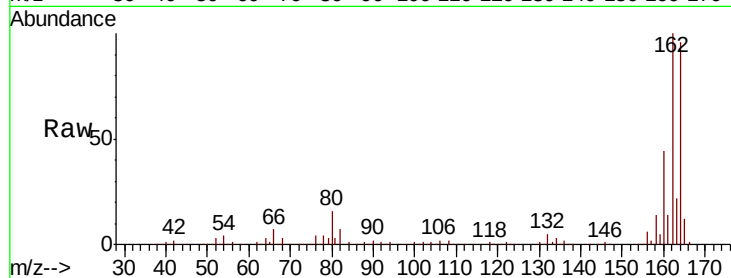
Tot Ion:164 Resp: 279273

Ion Ratio Lower Upper

164 100

162 104.3 80.0 120.0

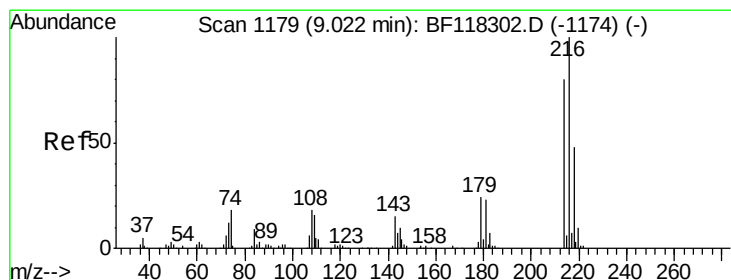
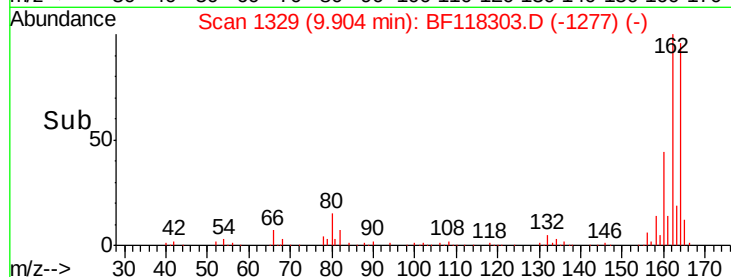
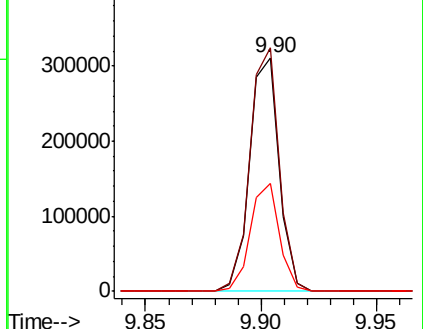
160 46.0 34.8 52.2



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: 53.592 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Tgt Ion:216 Resp: 453396

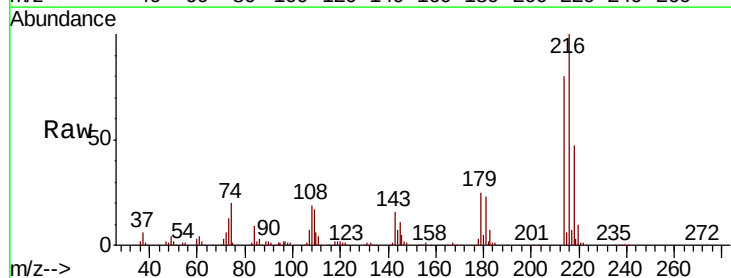
Ion Ratio Lower Upper

216 100

214 78.9 63.3 94.9

179 23.6 18.9 28.3

108 19.1 15.0 22.6

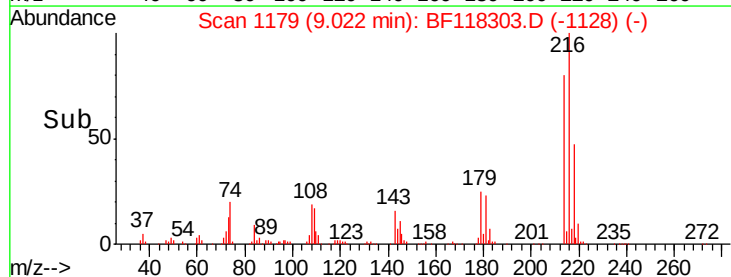
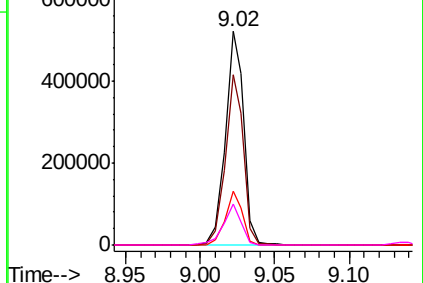


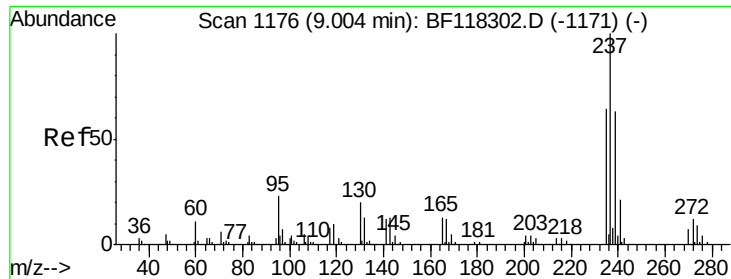
Abundance Ion 216.00 (215.70 to 216.70): E

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

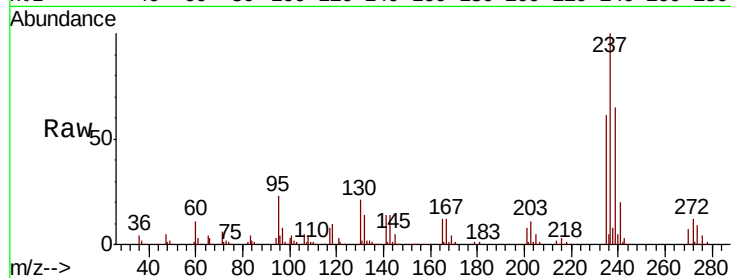




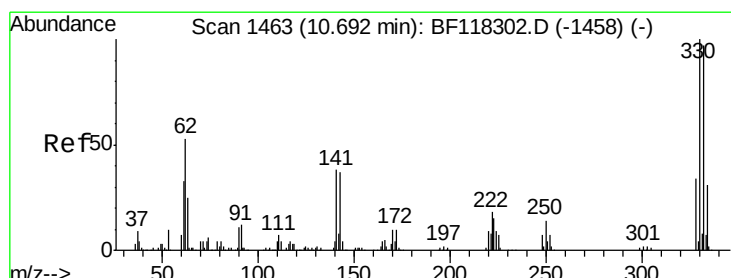
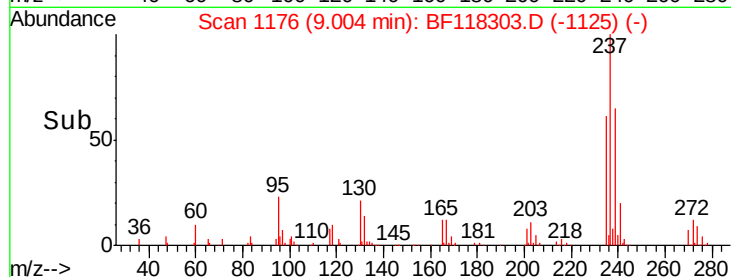
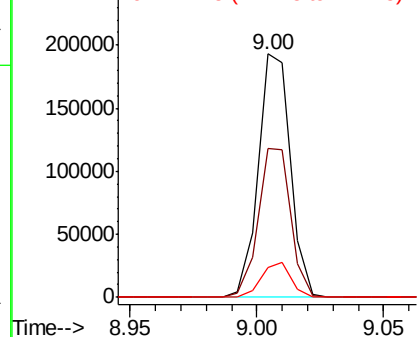
#41
Hexachlorocyclopentadiene
Concen: 44.871 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Instrument :
BNA_E
ClientSampled :

Tot Ion:237 Resp: 170085
Ion Ratio Lower Upper
237 100
235 61.2 43.8 83.8
272 12.3 0.0 31.7

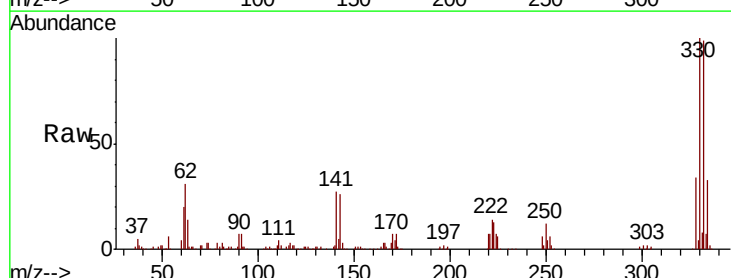


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

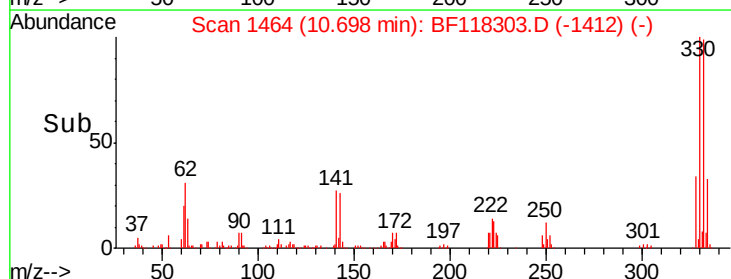
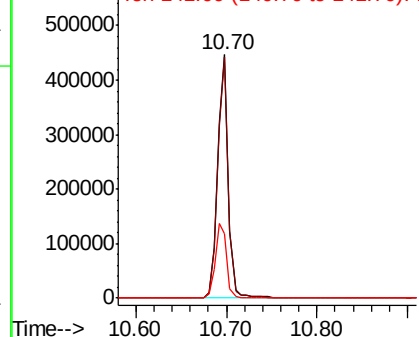


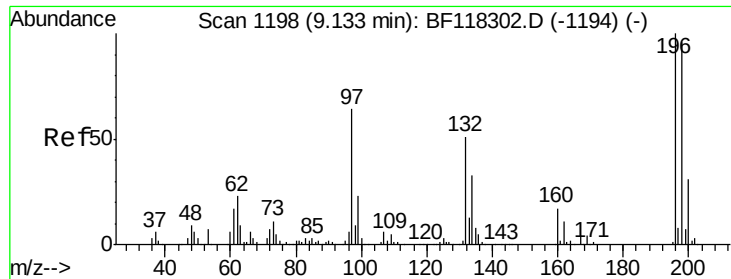
#42
2,4,6-Tribromophenol
Concen: 108.556 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:330 Resp: 368294
Ion Ratio Lower Upper
330 100
332 98.3 76.6 114.8
141 33.2 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

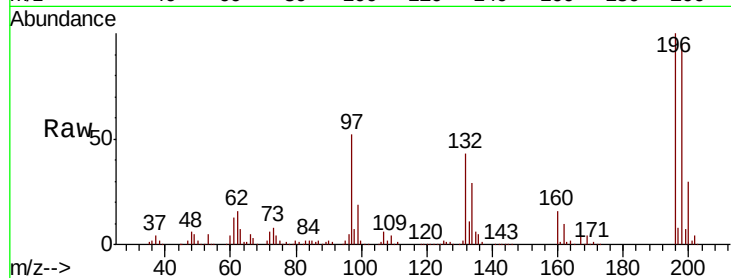




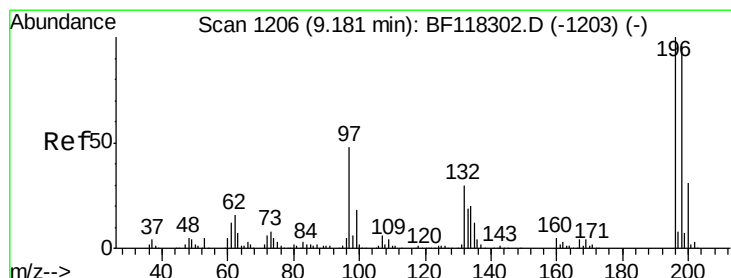
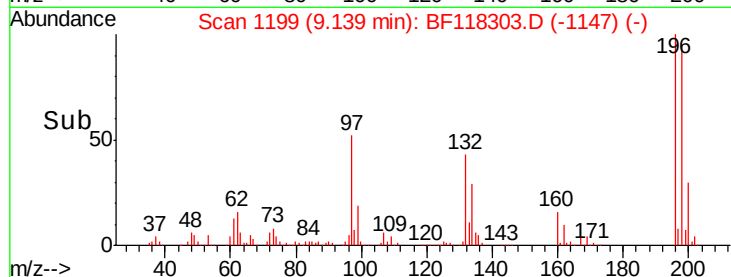
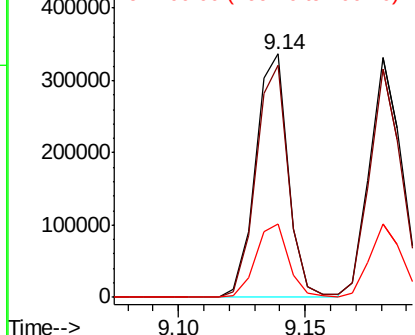
#43
 2,4,6-Trichlorophenol
 Concen: 53.751 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.7	115.1
200	30.2	24.8	37.2

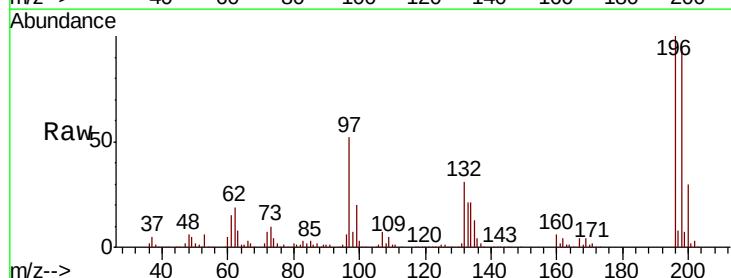


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

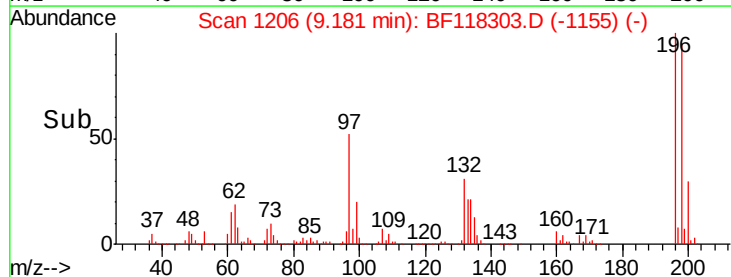
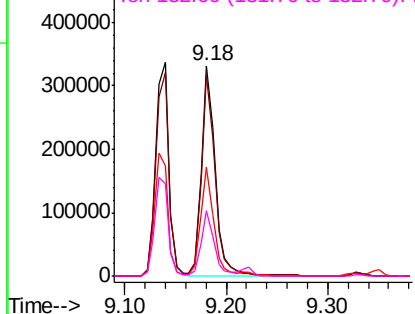


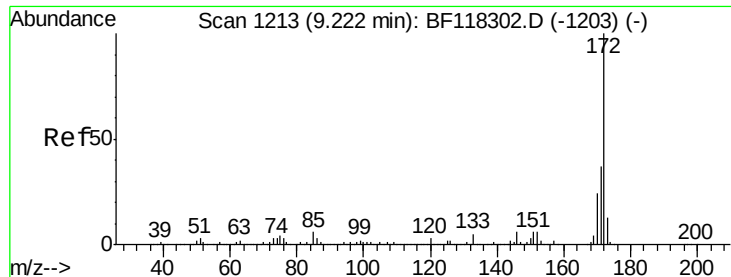
#44
 2,4,5-Trichlorophenol
 Concen: 53.757 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.0	115.4
97	51.8	38.9	58.3
132	31.2	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

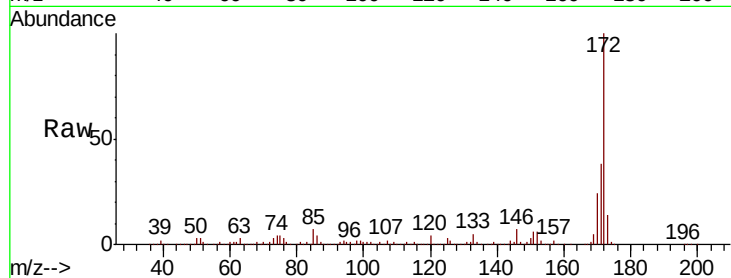




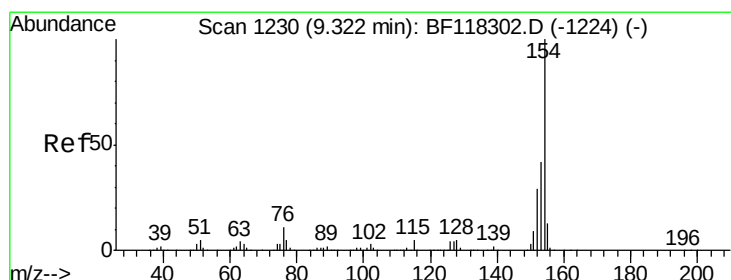
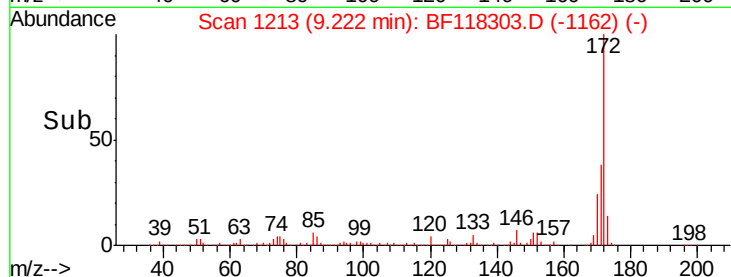
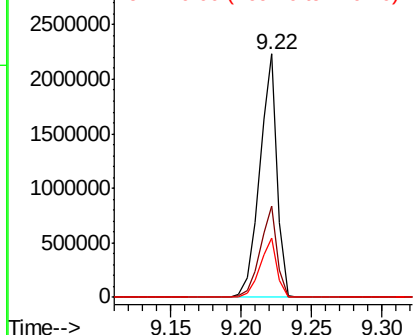
#45
2-Fluorobiphenyl
Concen: 105.488 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 1936064
Ion Ratio Lower Upper
172 100
171 37.6 29.3 43.9
170 24.4 19.2 28.8

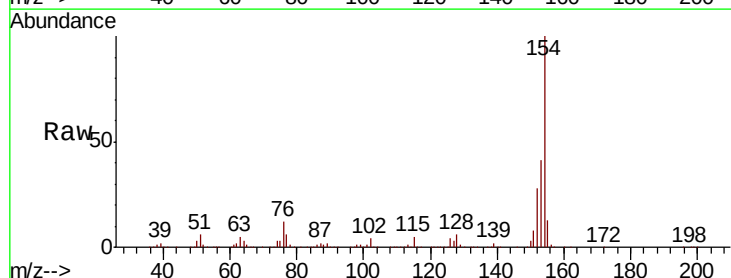


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

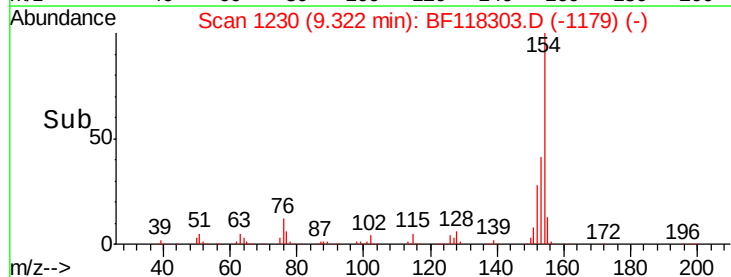
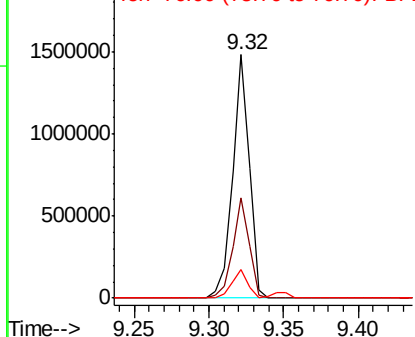


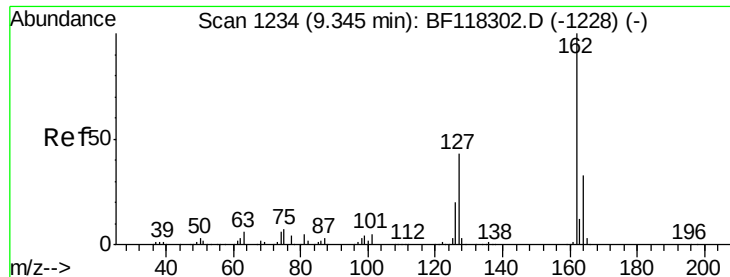
#46
1,1'-Biphenyl
Concen: 53.520 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:154 Resp: 1178832
Ion Ratio Lower Upper
154 100
153 41.2 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

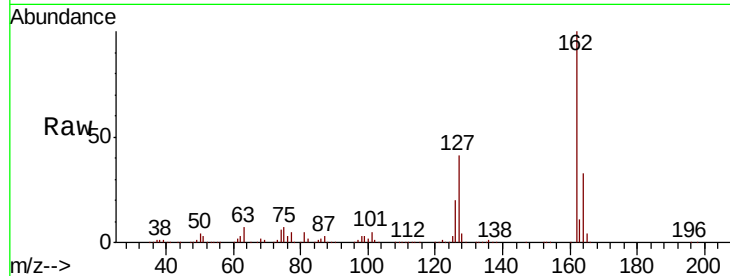




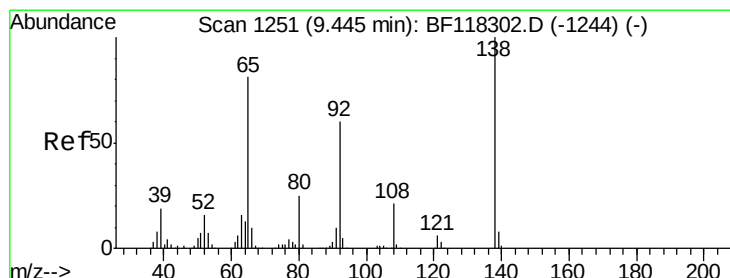
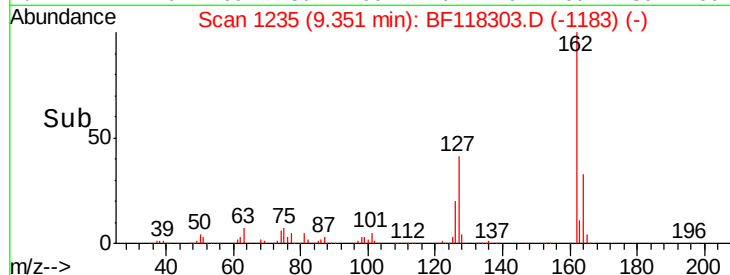
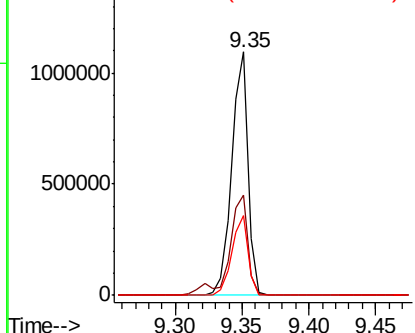
#47
 2-Chloronaphthalene
 Concen: 53.424 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	35.0	52.4
164	32.9	26.6	40.0

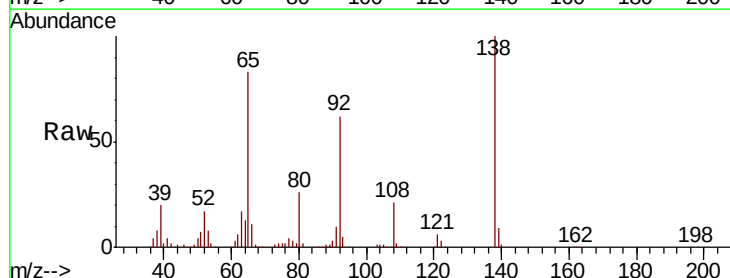


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

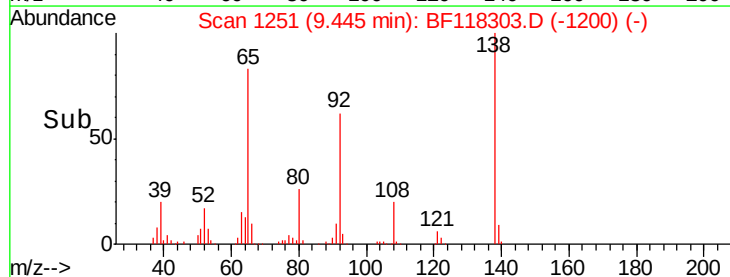
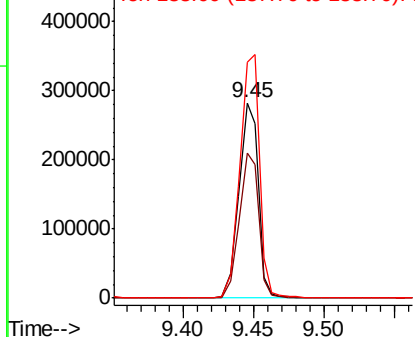


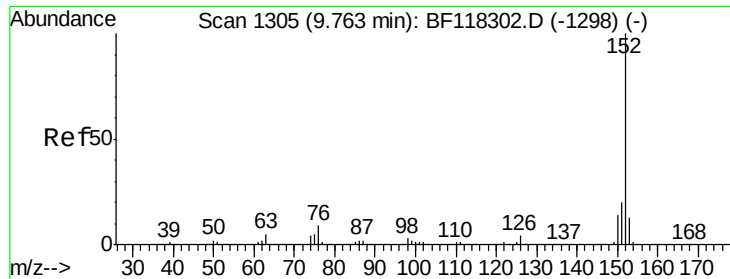
#48
 2-Nitroaniline
 Concen: 53.792 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	58.7	88.1
138	120.9	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: 54.163 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

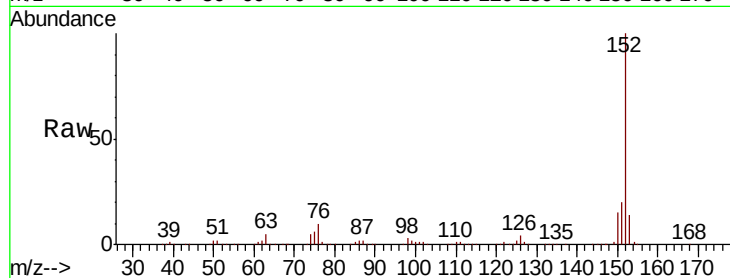
Tot Ion:152 Resp: 1415413

Ion Ratio Lower Upper

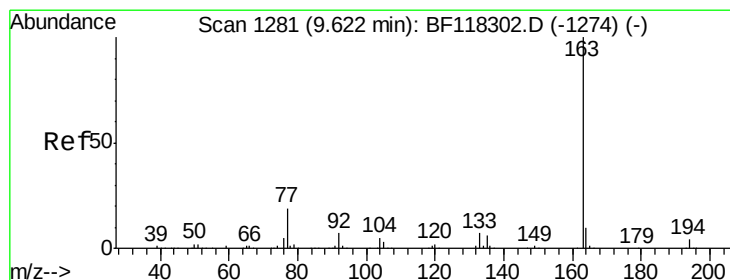
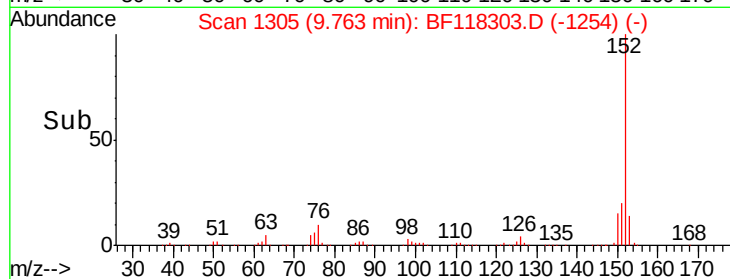
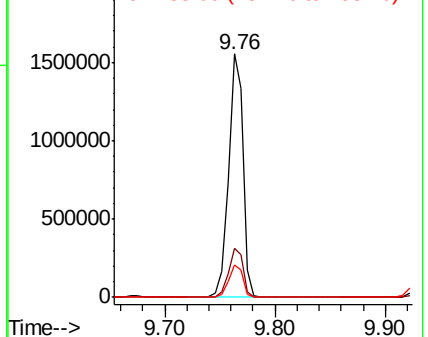
152 100

151 20.4 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: 54.233 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

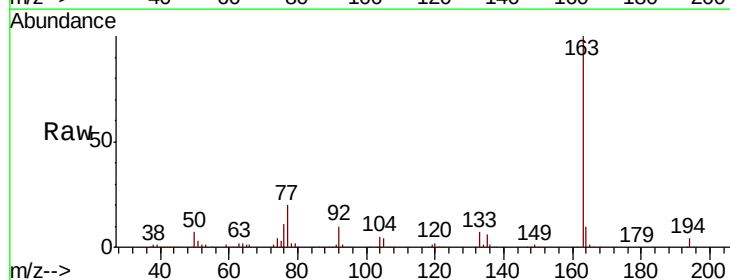
Tgt Ion:163 Resp: 1118739

Ion Ratio Lower Upper

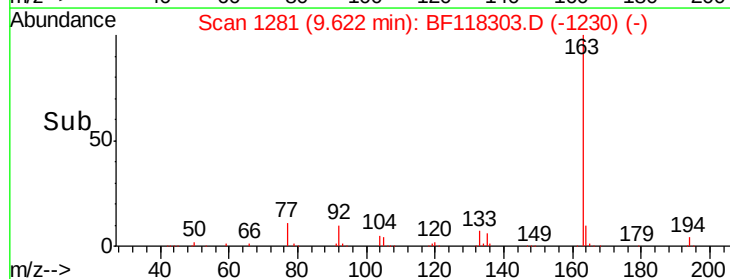
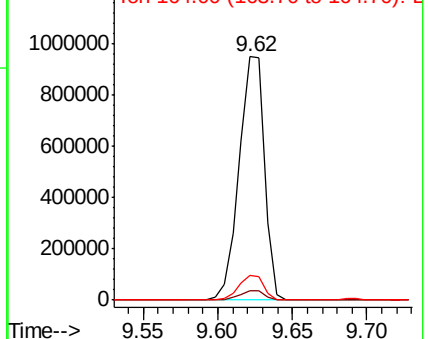
163 100

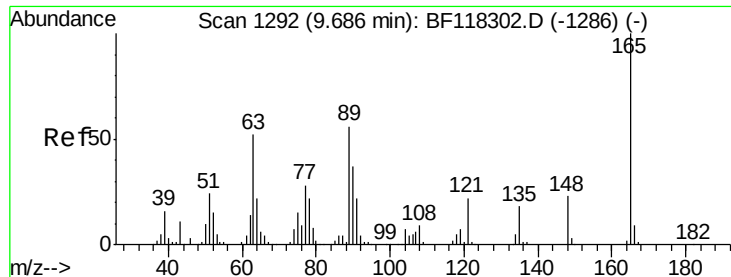
194 3.8 3.2 4.8

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: 54.592 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

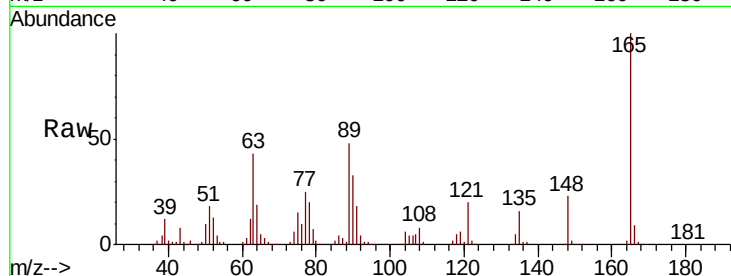
Tot Ion:165 Resp: 244873

Ion Ratio Lower Upper

165 100

63 43.1 42.2 63.4

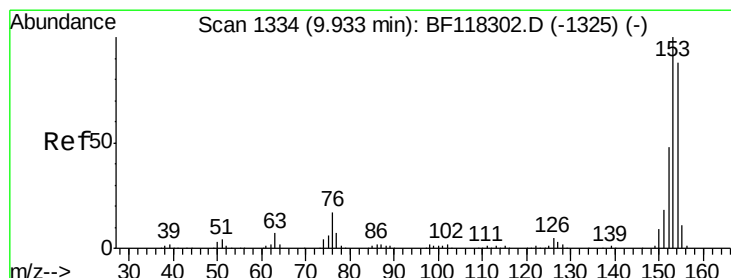
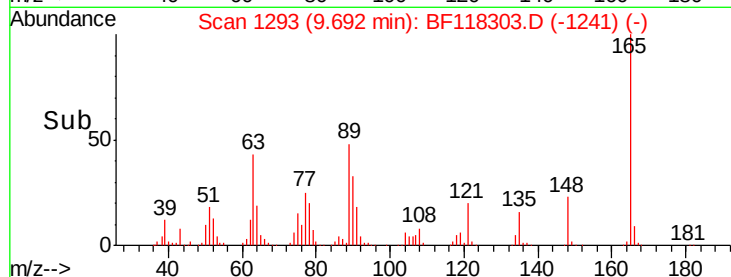
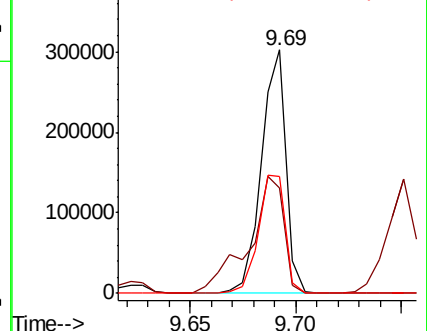
89 48.2 44.4 66.6



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: 54.033 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

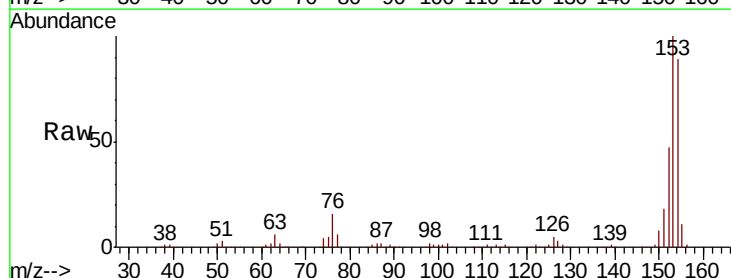
Tgt Ion:154 Resp: 861853

Ion Ratio Lower Upper

154 100

153 112.0 90.6 136.0

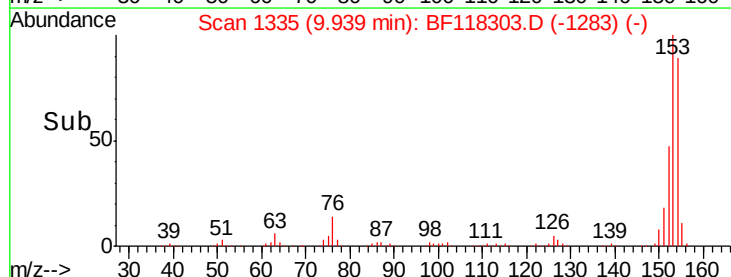
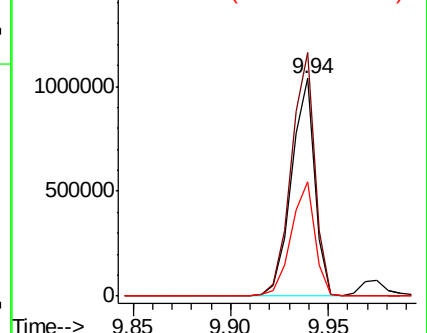
152 52.8 43.1 64.7

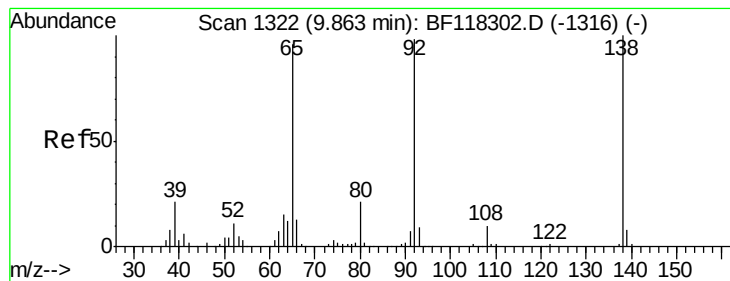


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 54.661 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

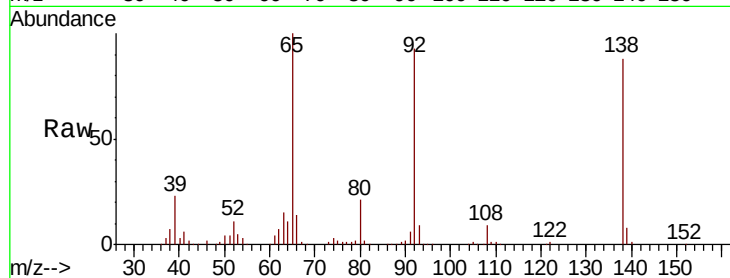
Tot Ion:138 Resp: 288541

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.8

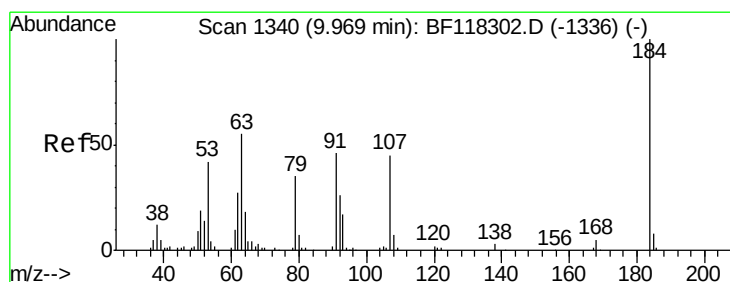
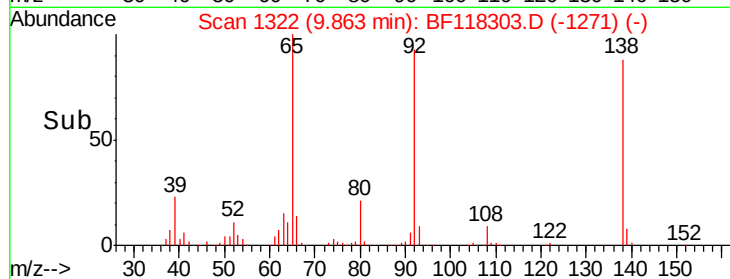
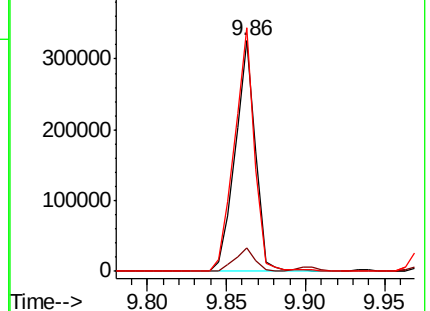
92 105.6 78.2 117.2



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: 51.415 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

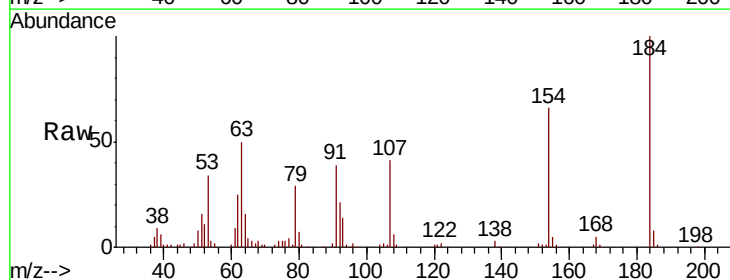
Tgt Ion:184 Resp: 114737

Ion Ratio Lower Upper

184 100

63 50.2 48.8 73.2

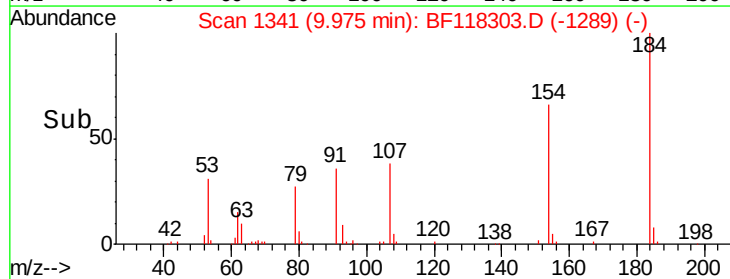
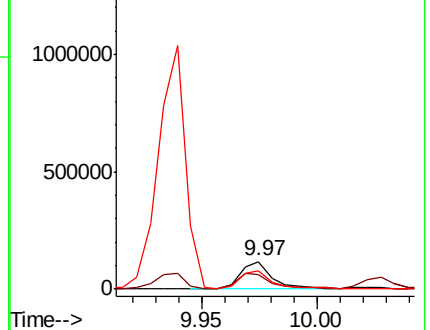
154 65.8 55.0 82.4

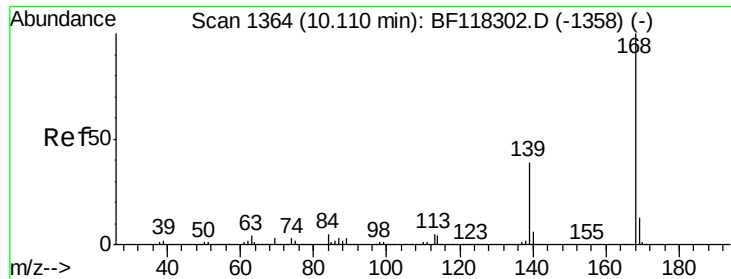


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

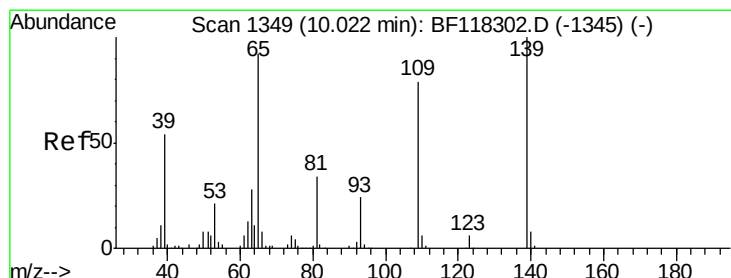
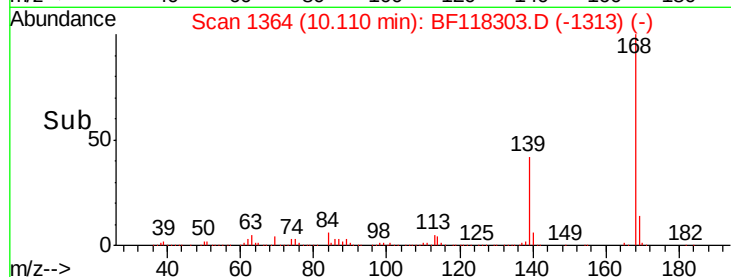
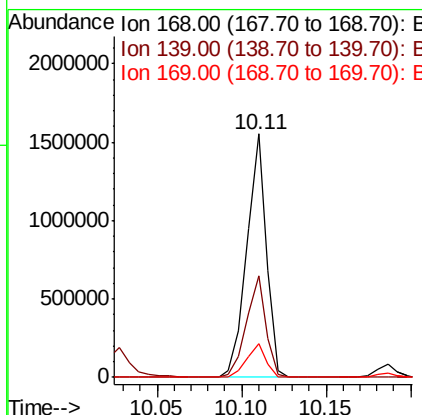
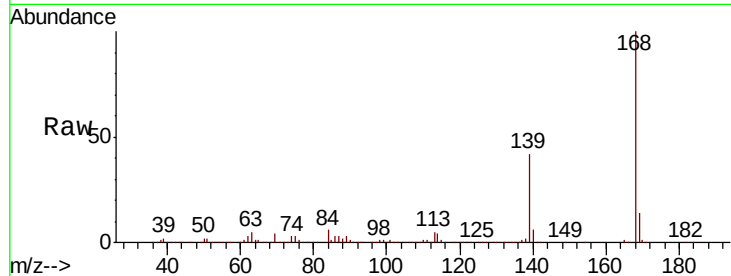




#55
Dibenzofuran
Concen: 54.106 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

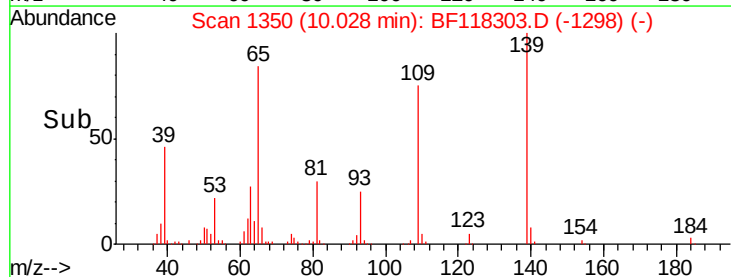
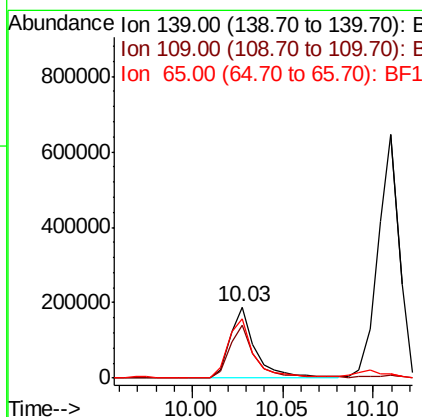
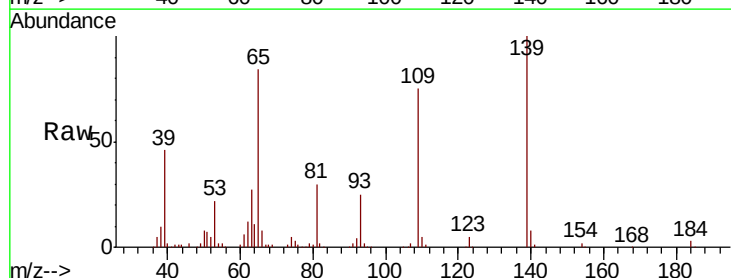
Instrument :
BNA_E
ClientSampleId :

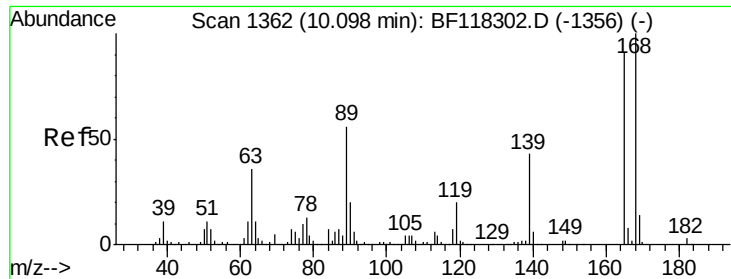
Tot Ion:168 Resp: 1264556
Ion Ratio Lower Upper
168 100
139 41.6 31.5 47.3
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 50.063 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:139 Resp: 183401
Ion Ratio Lower Upper
139 100
109 74.6 59.3 99.3
65 84.4 72.4 112.4





#57

2,4-Dinitrotoluene

Concen: 55.103 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

Tot Ion:165 Resp: 329900

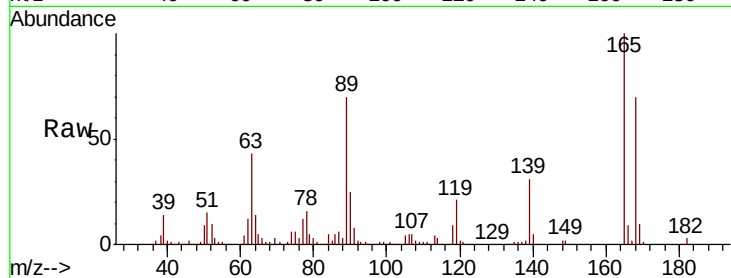
Ion Ratio Lower Upper

165 100

63 42.6 32.0 48.0

89 69.9 49.3 73.9

182 2.8 2.4 3.6

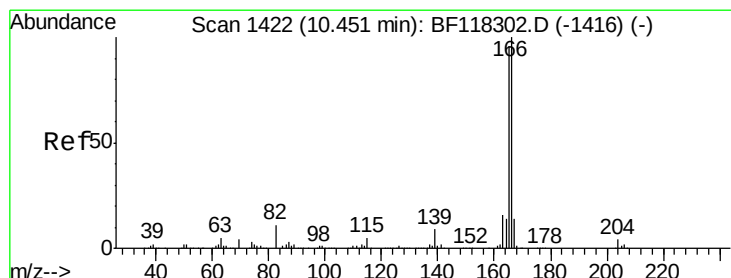
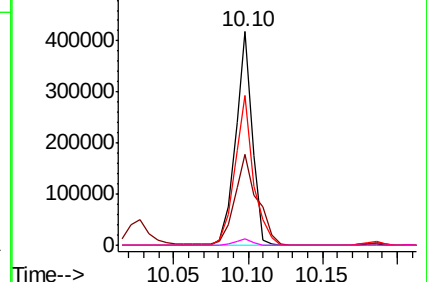
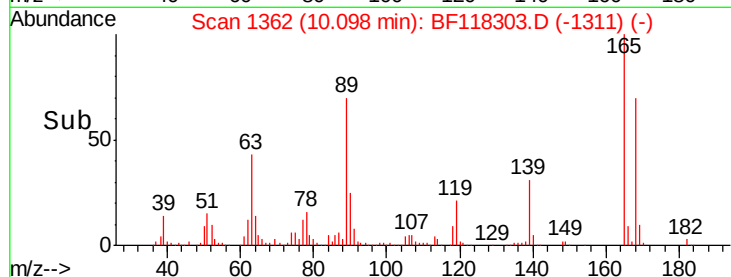


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 55.341 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

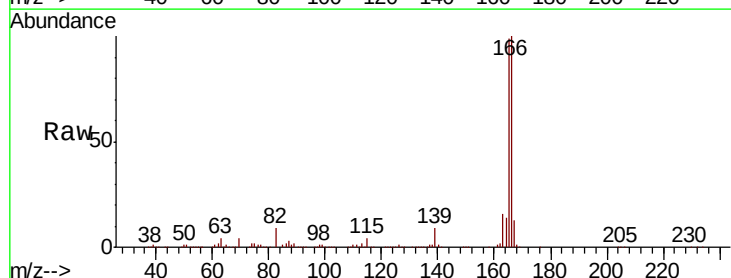
Tgt Ion:166 Resp: 1027872

Ion Ratio Lower Upper

166 100

165 98.6 77.0 115.4

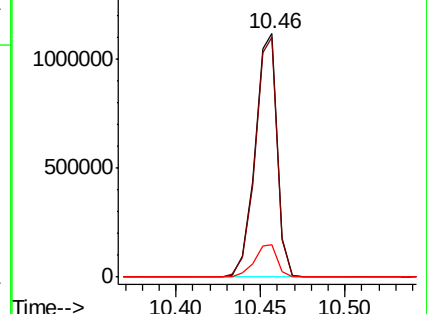
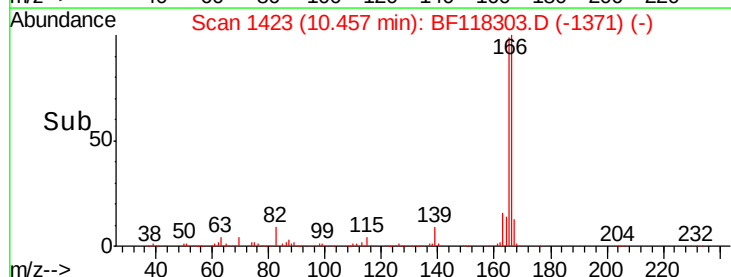
167 13.2 10.9 16.3

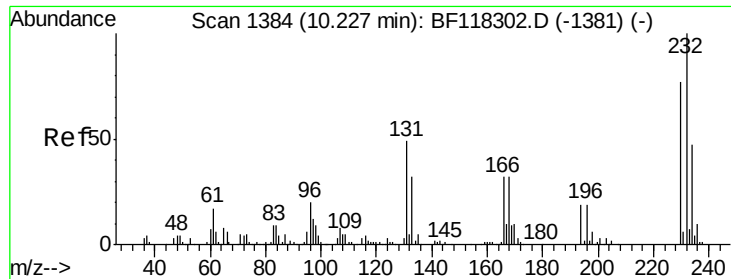


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

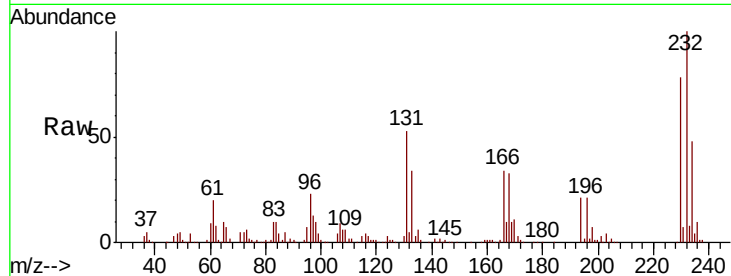




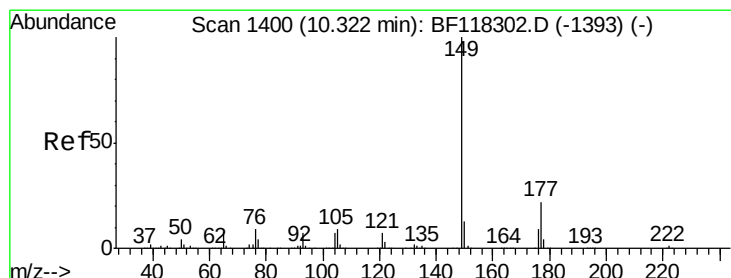
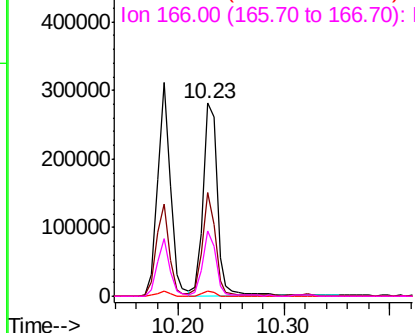
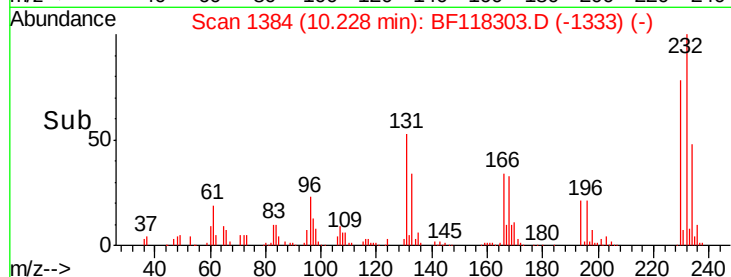
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.021 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:232 Resp: 265654
 Ion Ratio Lower Upper
 232 100
 131 48.1 37.7 56.5
 130 2.5 2.0 3.0
 166 31.2 24.7 37.1

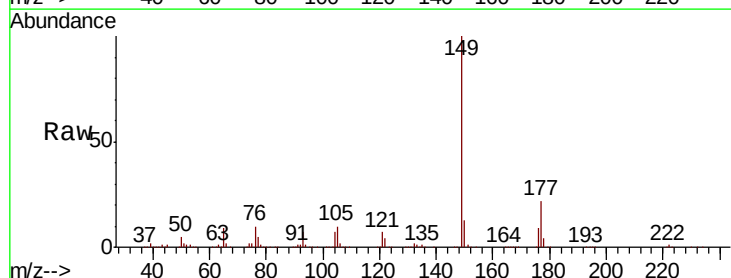


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

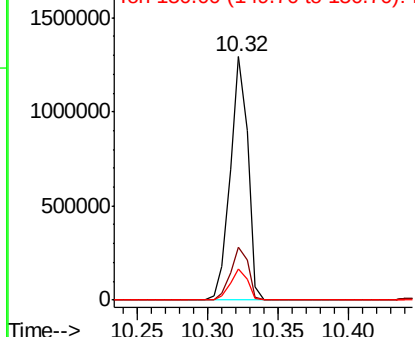
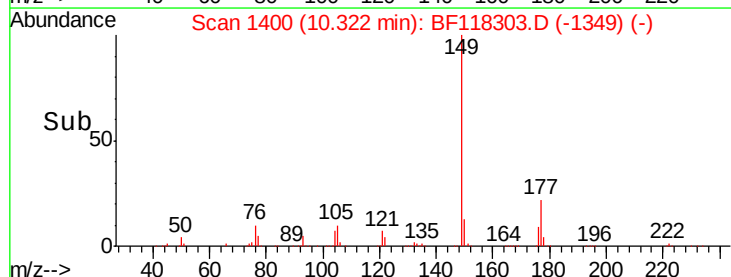


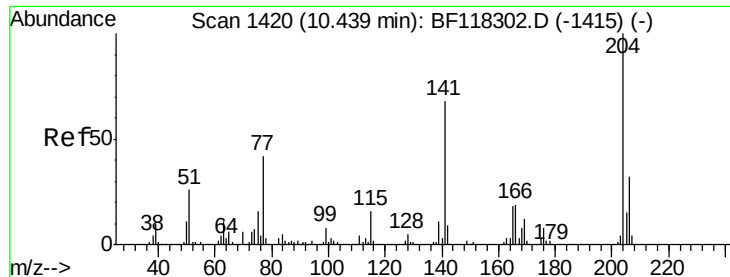
#60
 Diethylphthalate
 Concen: 55.054 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Tgt Ion:149 Resp: 1118921
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.9 26.9
 150 12.5 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

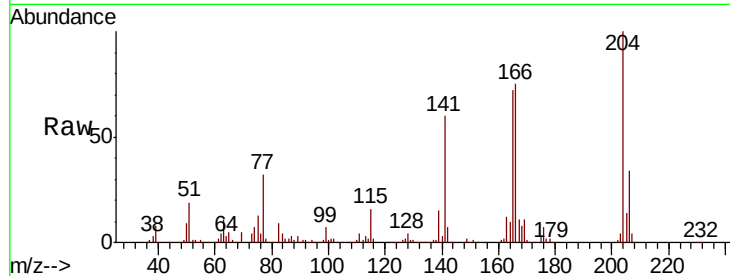




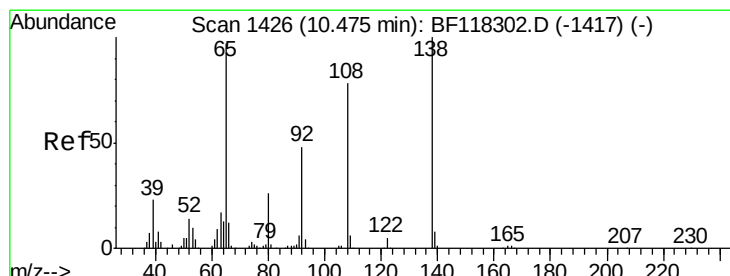
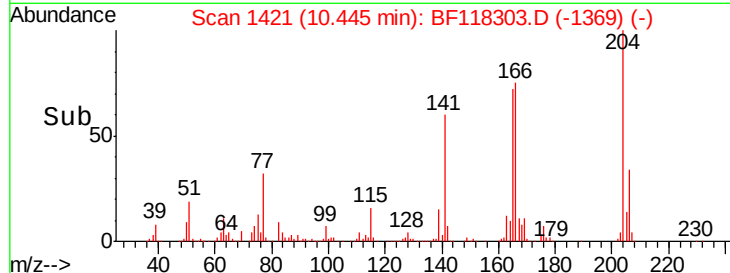
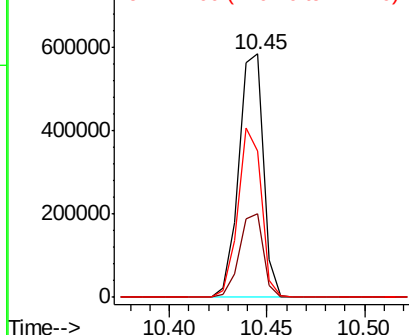
#61
 4-Chlorophenyl-phenylether
 Concen: 54.528 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	204	Resp:	509587
Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.8	38.8
141	60.1	54.2	81.4

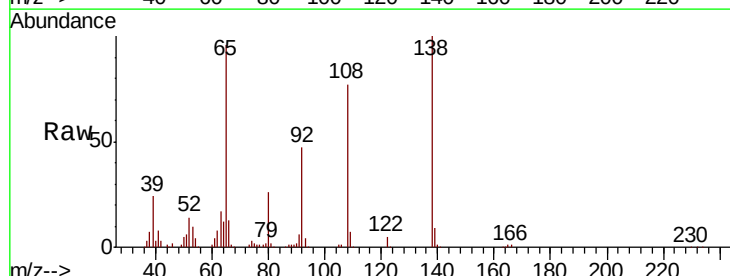


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

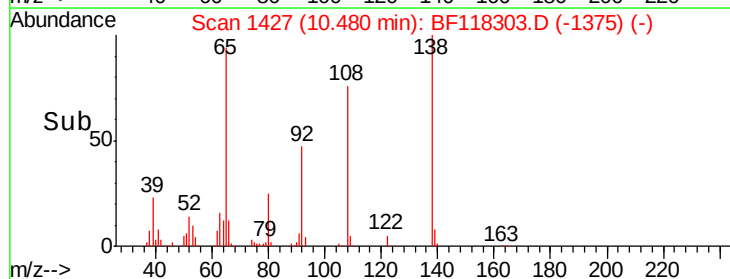
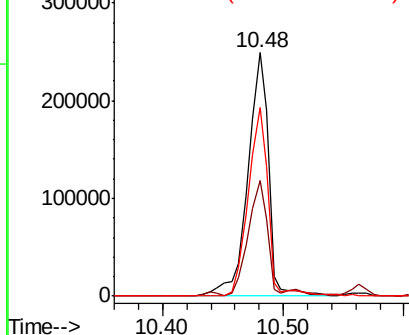


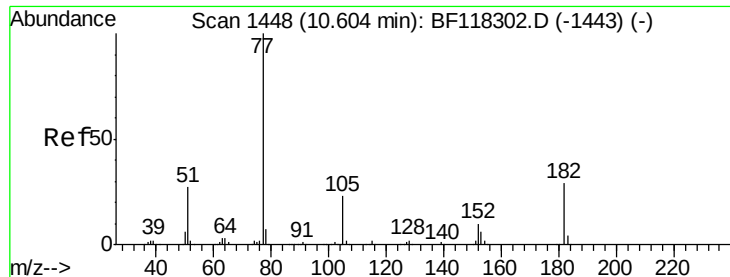
#62
 4-Nitroaniline
 Concen: 54.634 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Tgt Ion:	138	Resp:	300789
Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.9	67.9
108	77.3	58.1	98.1



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





#63

Azobenzene

Concen: 54.784 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

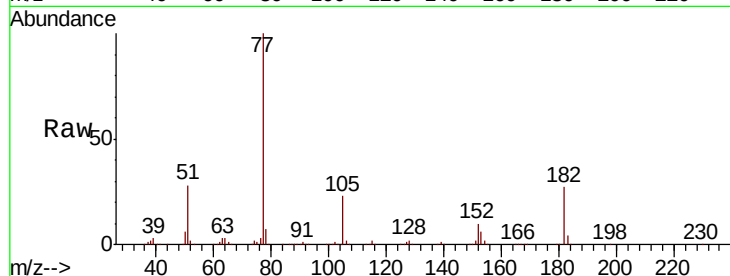
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 77 Resp: 950497

Ion	Ratio	Lower	Upper
77	100		
182	27.2	9.2	49.2
105	23.2	3.2	43.2
51	28.3	7.1	47.1

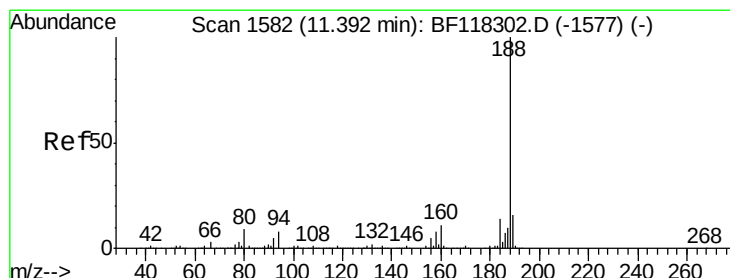
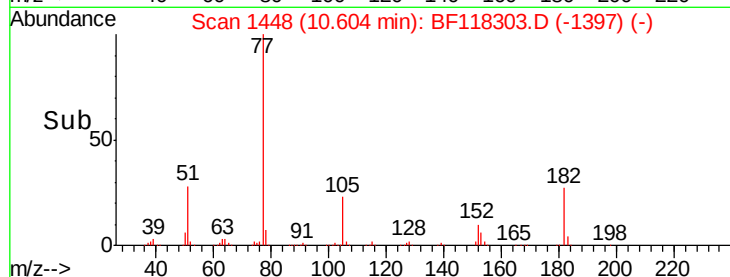
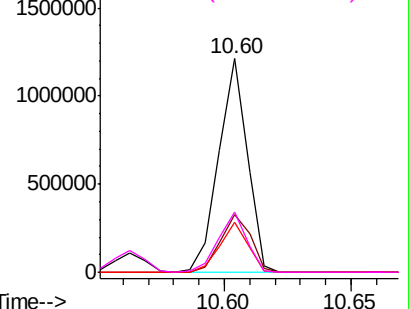


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.39 min Scan# 1582

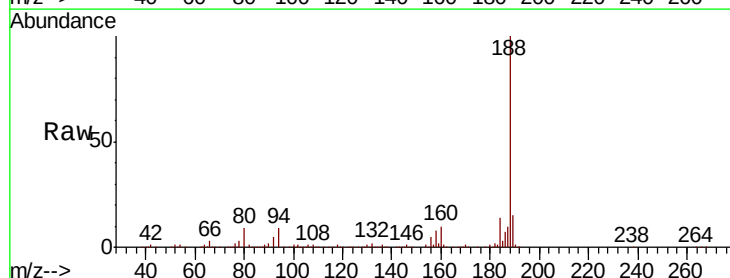
Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Tgt Ion: 188 Resp: 524241

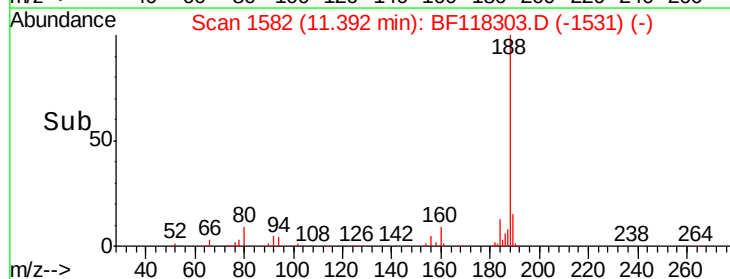
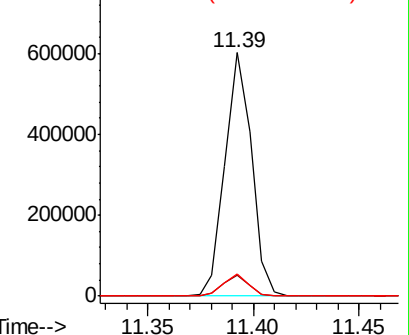
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.0	7.2	10.8

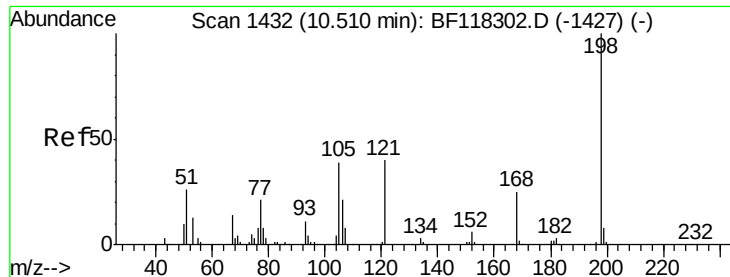


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

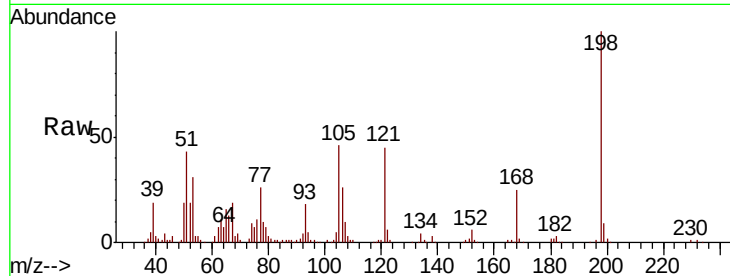




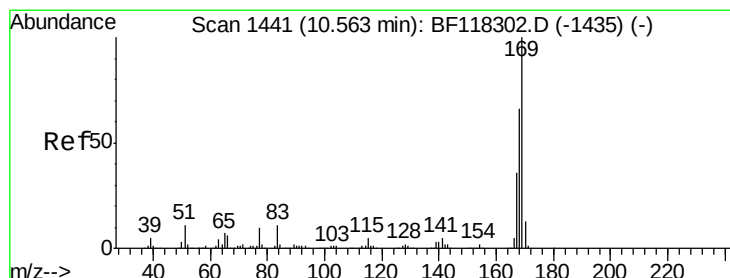
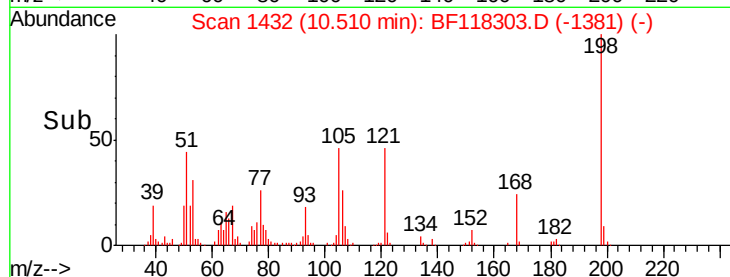
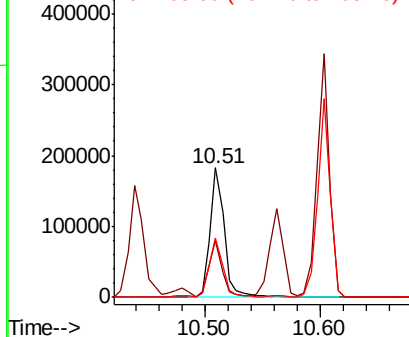
#65
4,6-Dinitro-2-methylphenol
Concen: 54.401 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Instrument :
BNA_E
ClientSampled :

Tot Ion:198 Resp: 157500
Ion Ratio Lower Upper
198 100
51 43.4 12.8 52.8
105 45.6 20.3 60.3

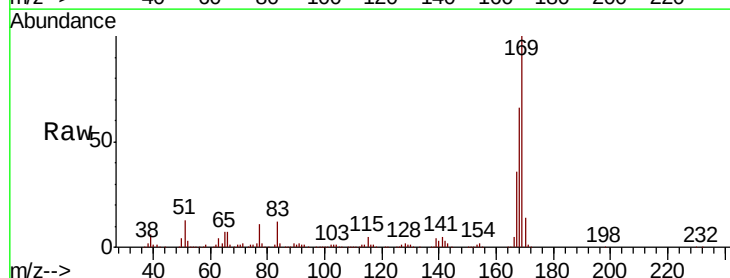


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

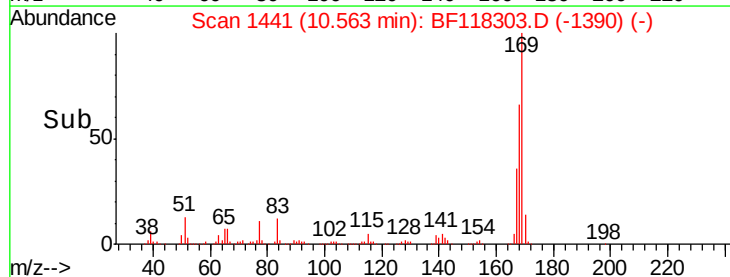
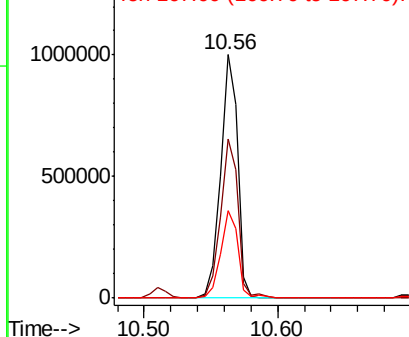


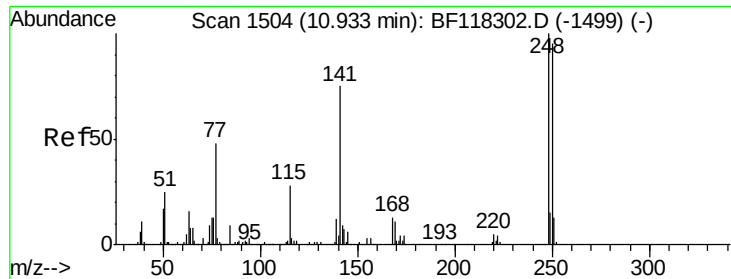
#66
n-Nitrosodiphenylamine
Concen: 55.107 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:169 Resp: 902163
Ion Ratio Lower Upper
169 100
168 65.6 52.6 79.0
167 35.8 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

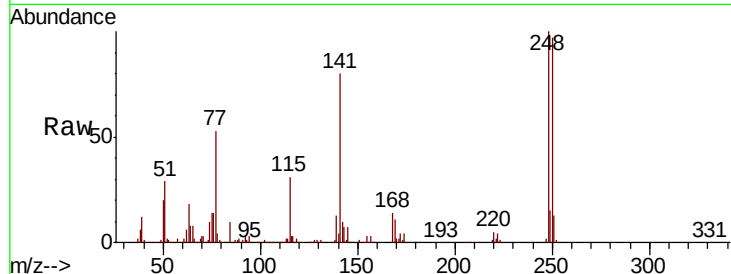




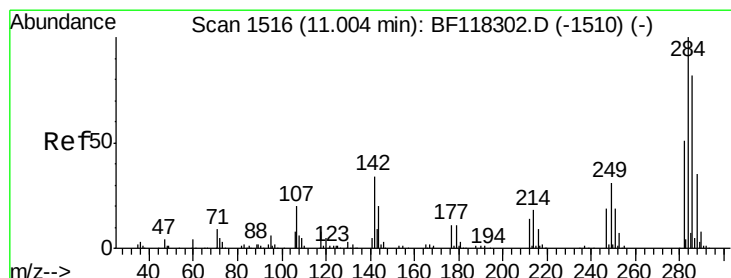
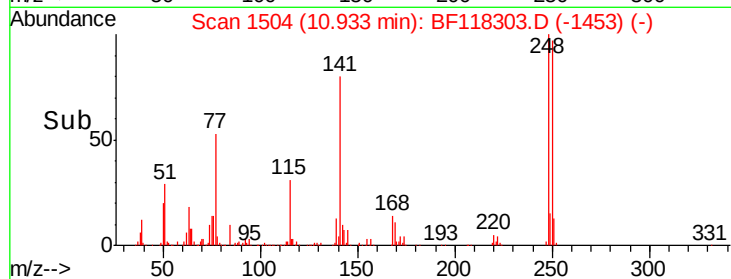
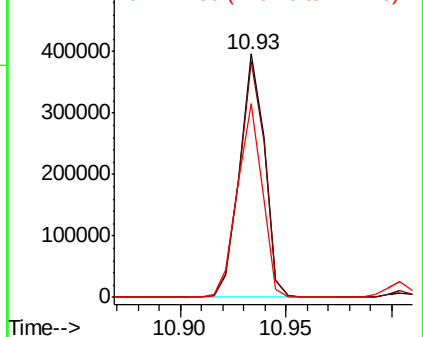
#67
4-Bromophenyl-phenylether
Concen: 54.182 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion:248 Resp: 324244
Ion Ratio Lower Upper
248 100
250 97.1 76.4 114.6
141 79.8 60.2 90.2

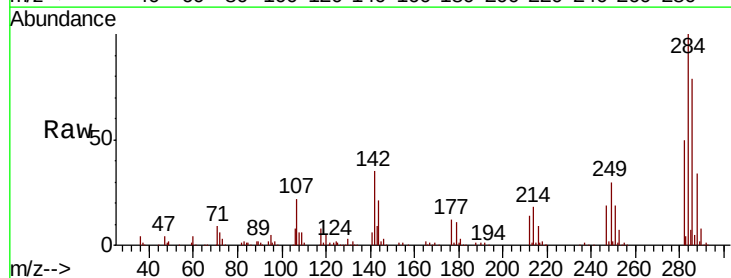


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

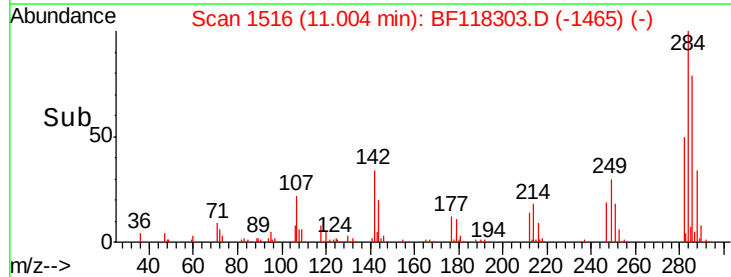
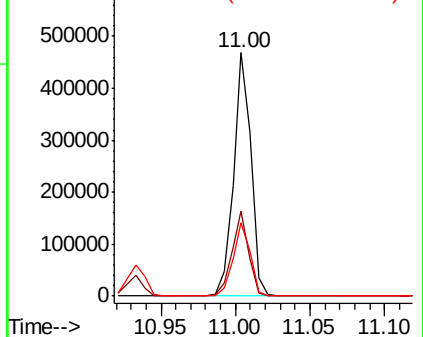


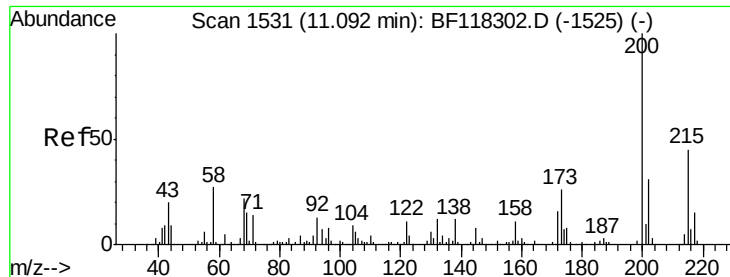
#68
Hexachlorobenzene
Concen: 54.765 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:284 Resp: 385744
Ion Ratio Lower Upper
284 100
142 35.1 27.3 40.9
249 30.0 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

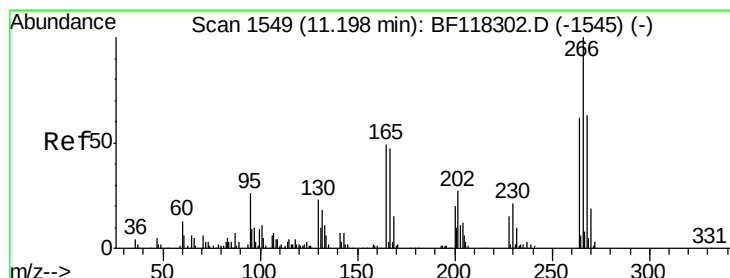
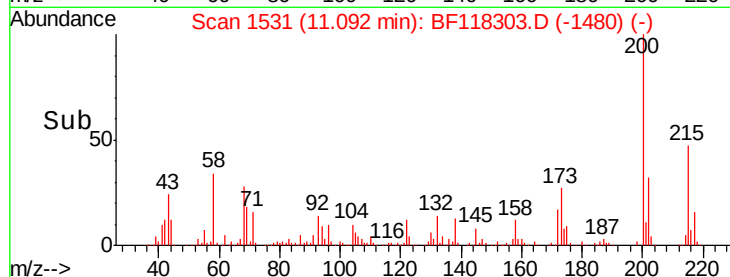
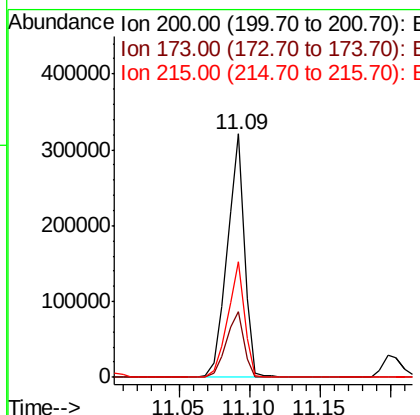
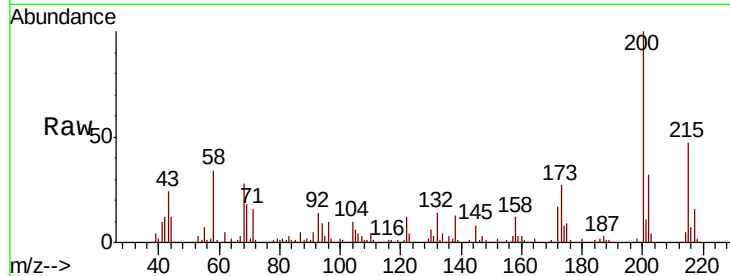




#69
Atrazine
Concen: 65.469 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

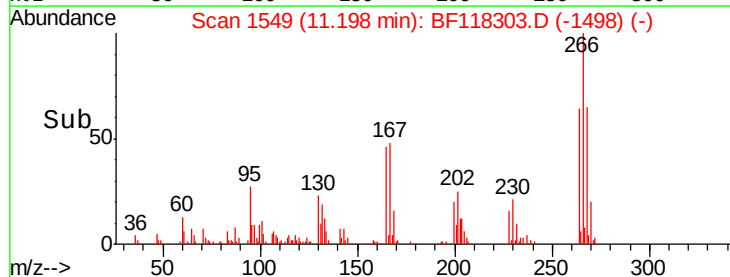
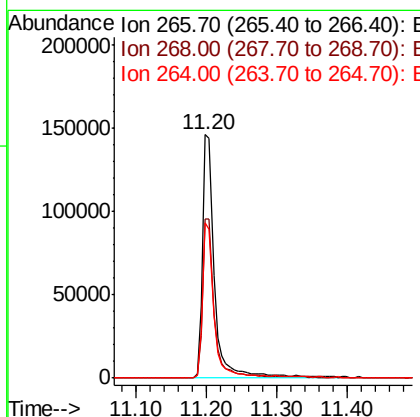
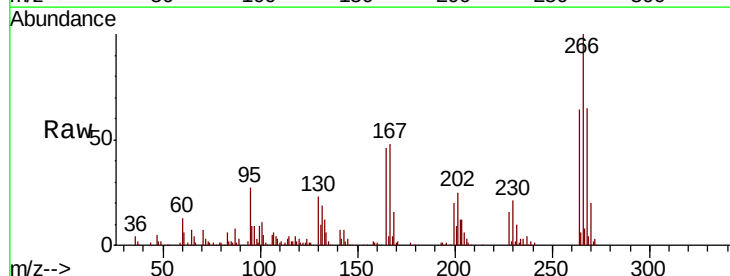
Instrument :
BNA_E
ClientSampleId :

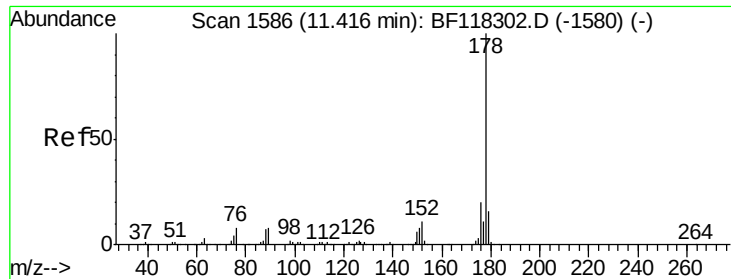
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	5.8	45.8
215	47.3	25.1	65.1



#70
Pentachlorophenol
Concen: 53.178 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.6	76.0
264	63.6	49.9	74.9

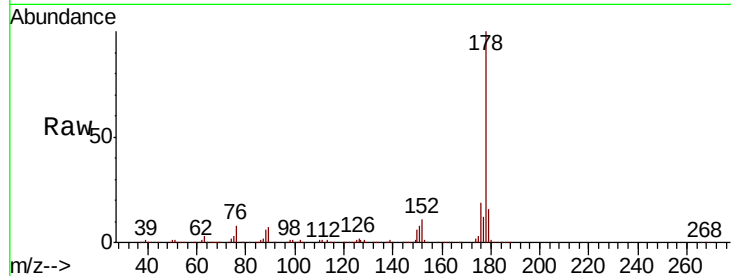




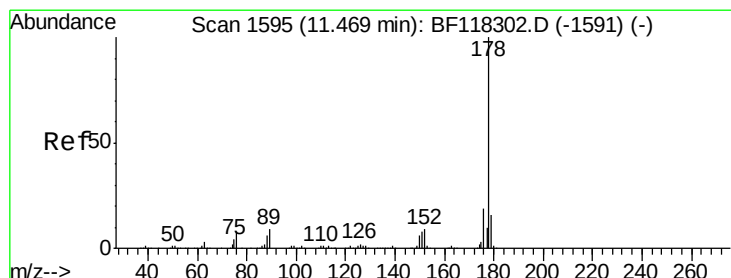
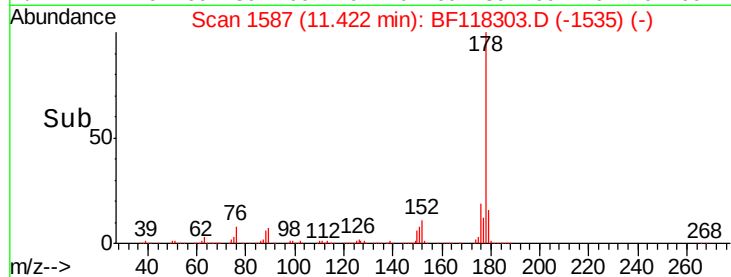
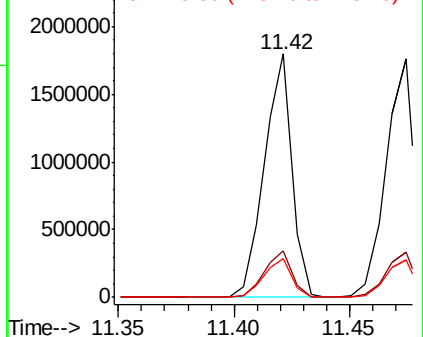
#71
Phenanthrene
Concen: 53.938 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Instrument :
BNA_E
ClientSampled :

Tot Ion:178 Resp: 1503158
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.8 12.6 19.0

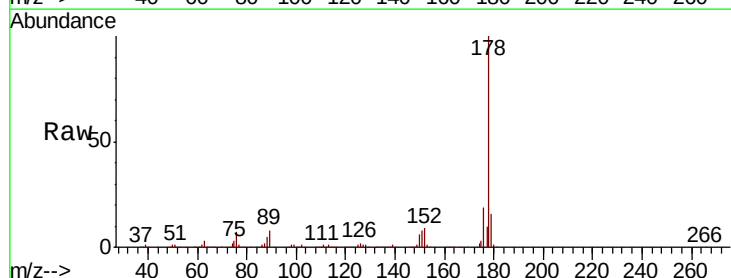


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

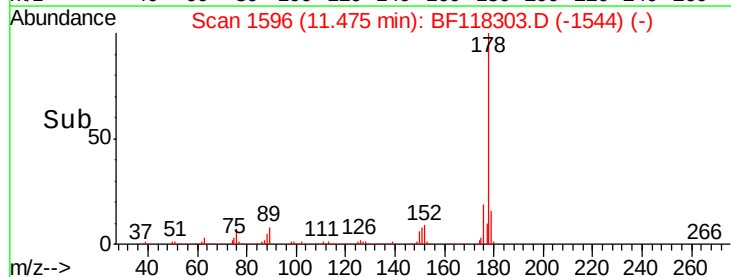
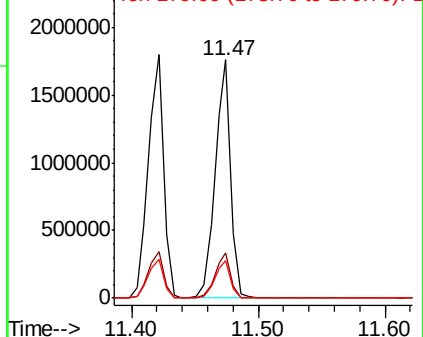


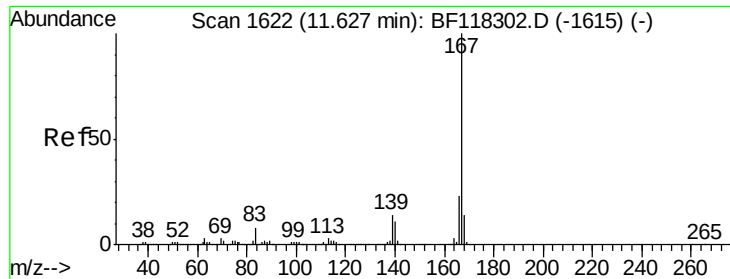
#72
Anthracene
Concen: 54.655 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:178 Resp: 1519434
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.6 12.9 19.3



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

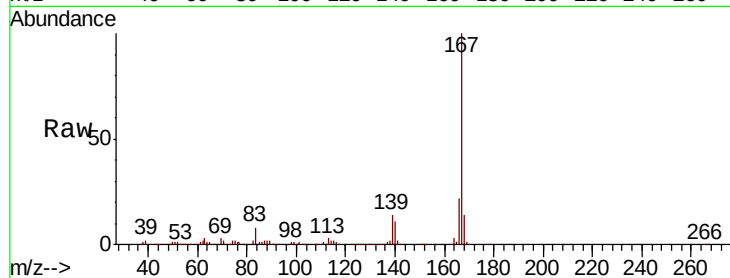




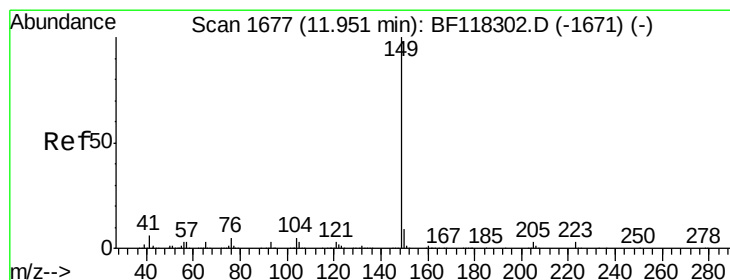
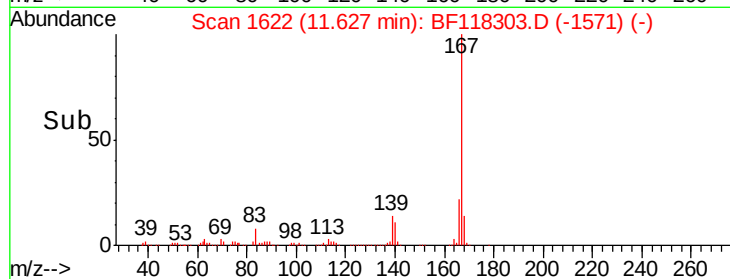
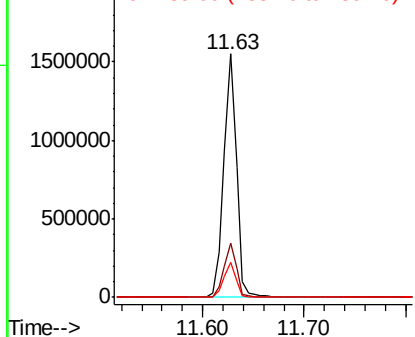
#73
 Carbazole
 Concen: 54.223 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:167 Resp: 1352495
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 14.5 11.5 17.3

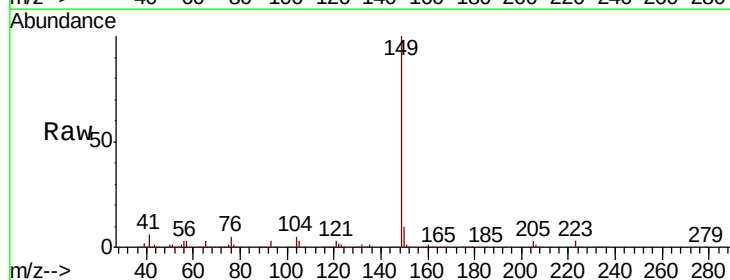


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

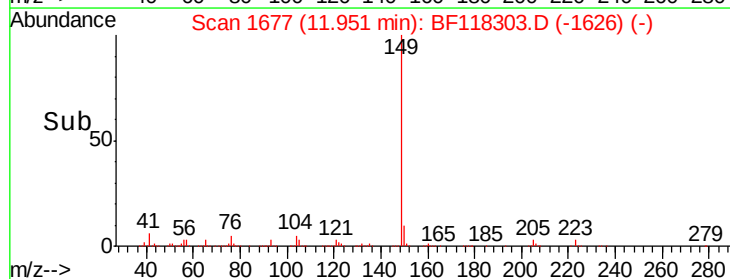
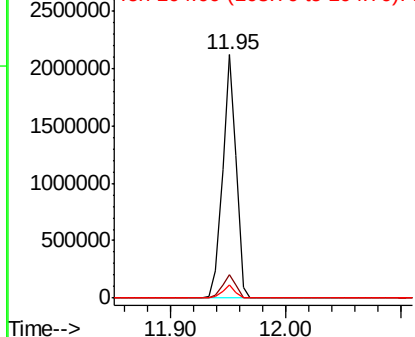


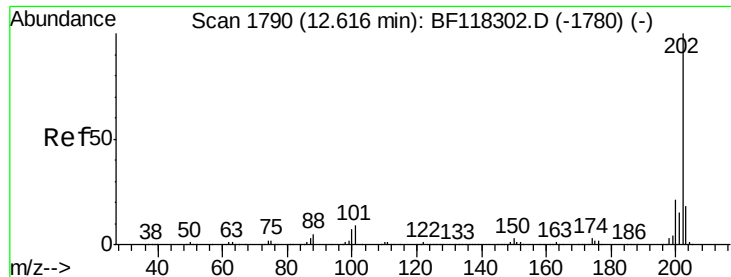
#74
 Di-n-butylphthalate
 Concen: 54.789 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Tgt Ion:149 Resp: 1710344
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.5 11.3
 104 5.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



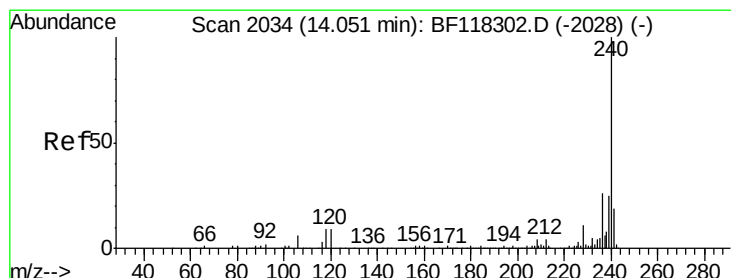
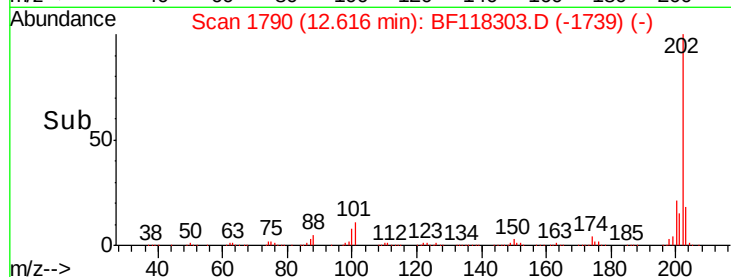
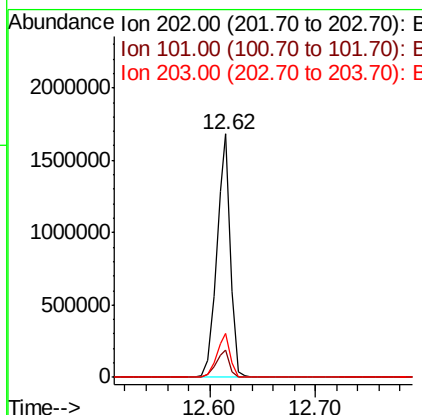
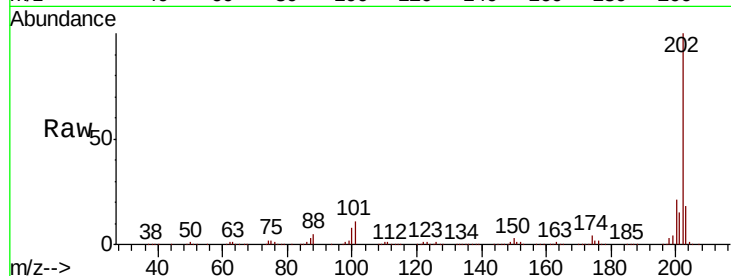


#75
 Fluoranthene
 Concen: 53.494 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:202 Resp: 1524174

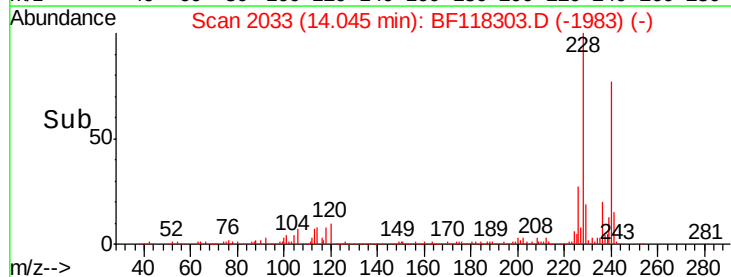
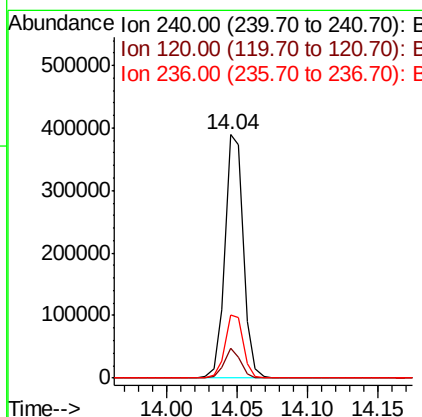
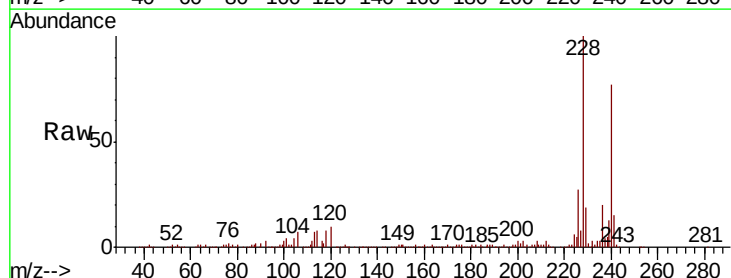
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.5
203	18.1	0.0	37.6

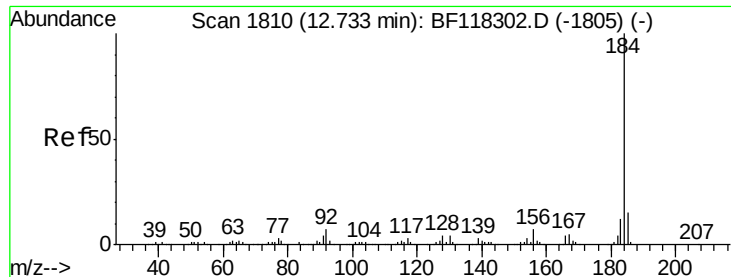


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF118303.D
 Acq: 24 Dec 2019 12:24

Tgt Ion:240 Resp: 353536

Ion	Ratio	Lower	Upper
240	100		
120	12.5	7.1	10.7#
236	26.0	21.0	31.6





#77

Benzidine

Concen: 53.523 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

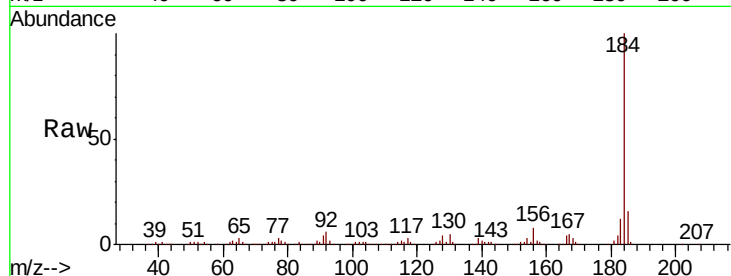
Tot Ion:184 Resp: 498133

Ion Ratio Lower Upper

184 100

185 15.9 12.3 18.5

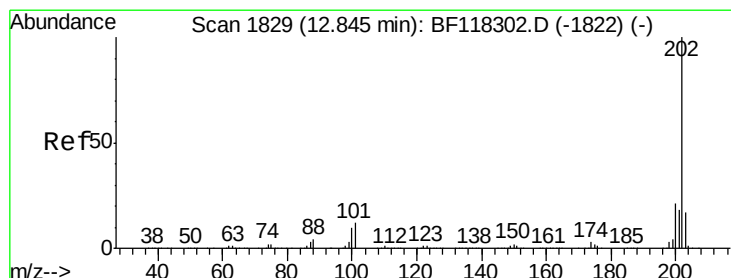
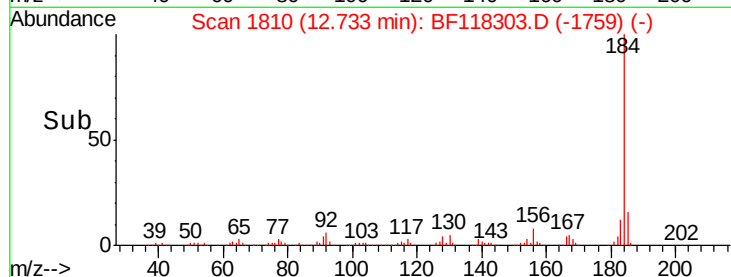
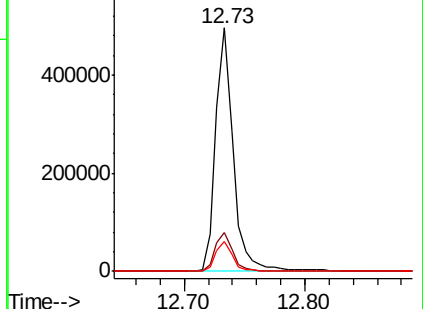
183 12.4 9.4 14.2



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: 55.360 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

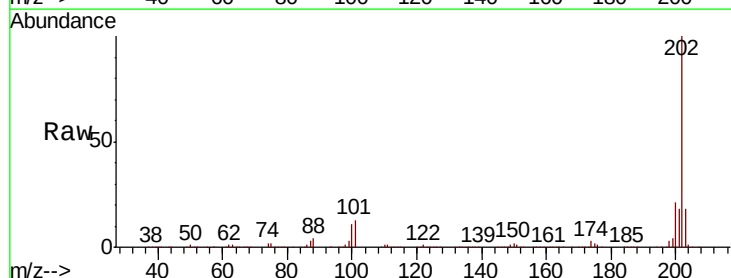
Tgt Ion:202 Resp: 1542336

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

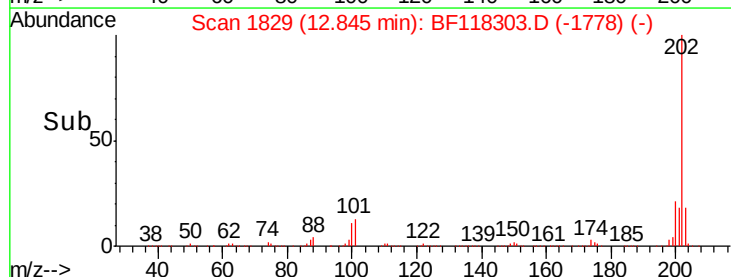
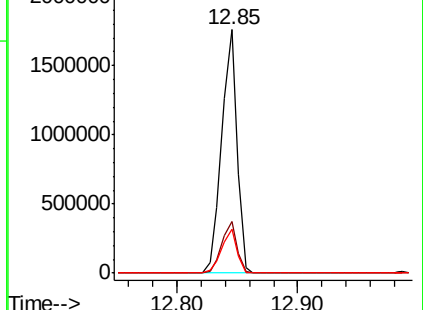
203 17.9 13.9 20.9

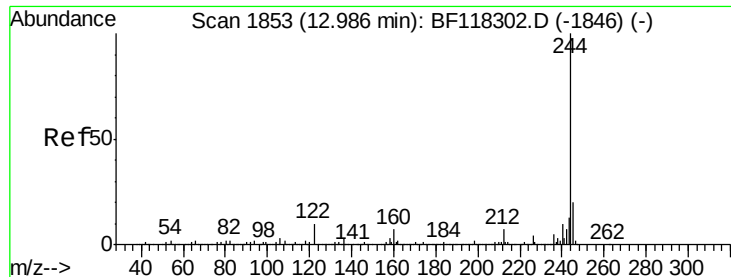


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 108.879 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

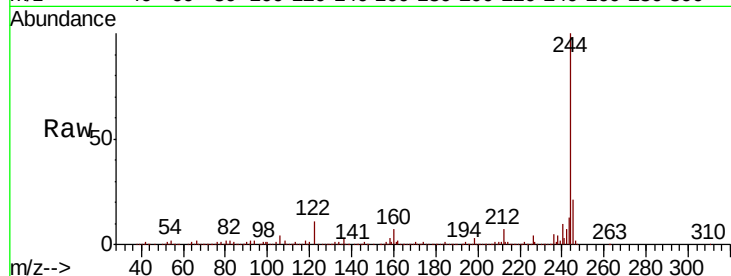
Tot Ion:244 Resp: 2238434

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.5 7.8 11.8

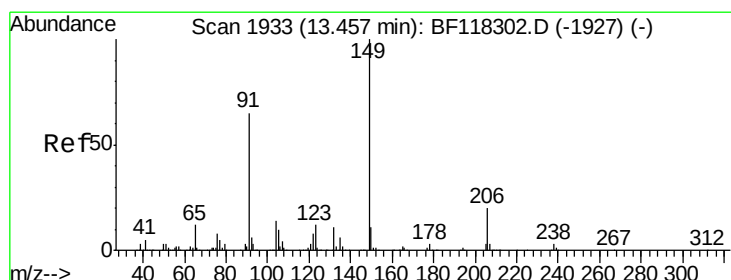
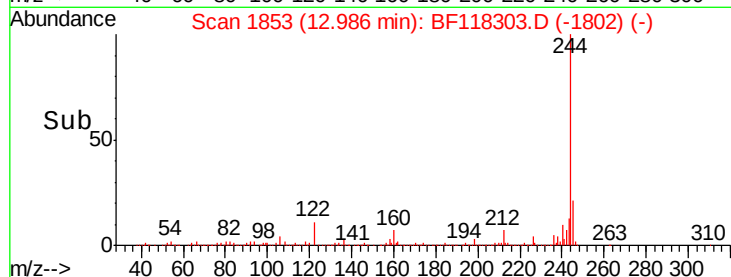
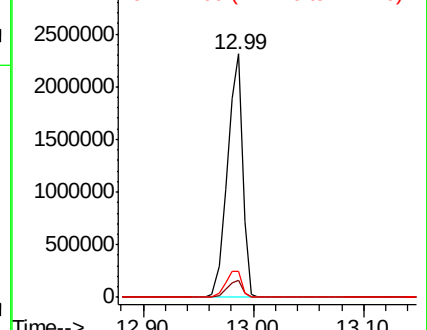


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.694 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

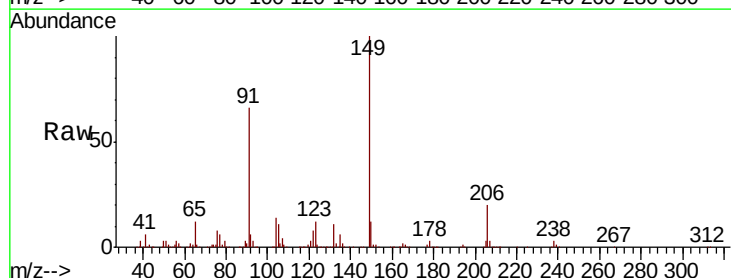
Tgt Ion:149 Resp: 690093

Ion Ratio Lower Upper

149 100

91 65.9 51.8 77.6

206 20.4 15.7 23.5

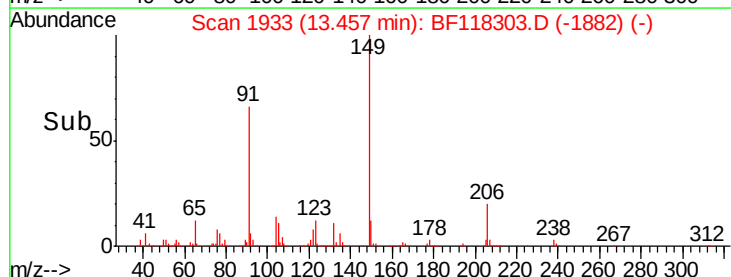
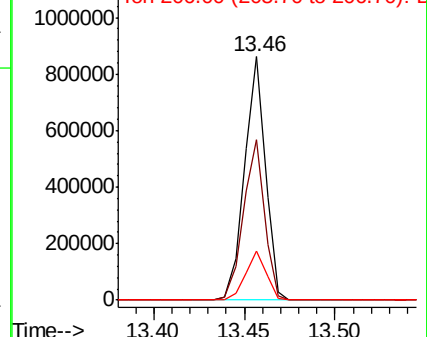


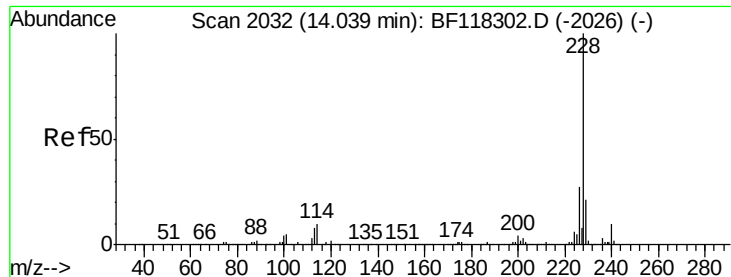
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.720 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

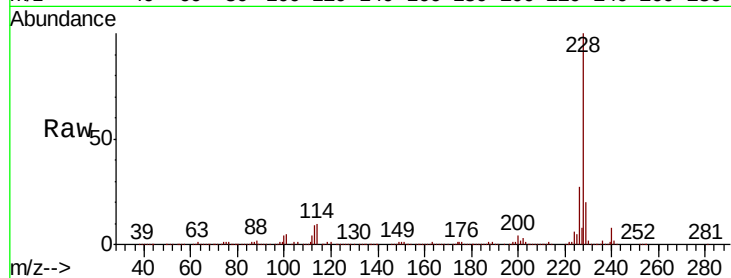
Tot Ion:228 Resp: 1313239

Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

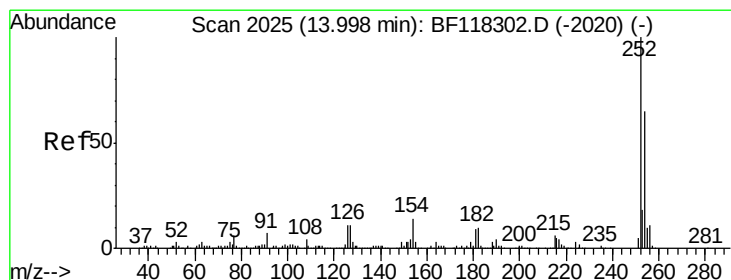
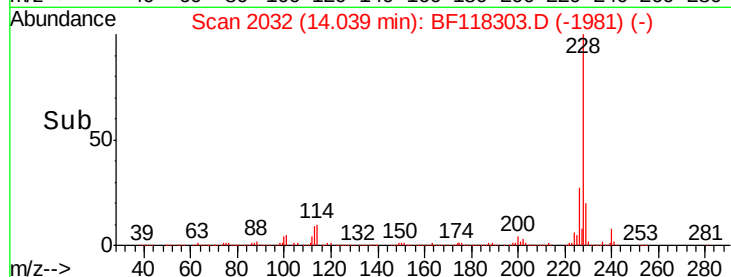
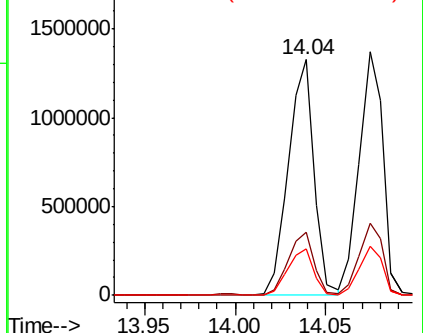
229 19.8 16.6 24.8



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: 55.702 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

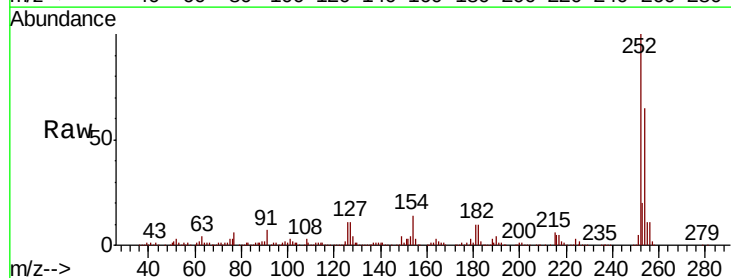
Tgt Ion:252 Resp: 447204

Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.8

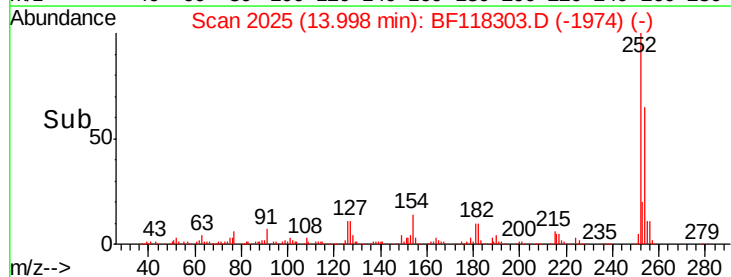
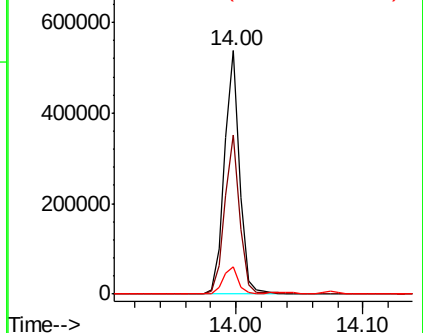
126 11.1 8.7 13.1

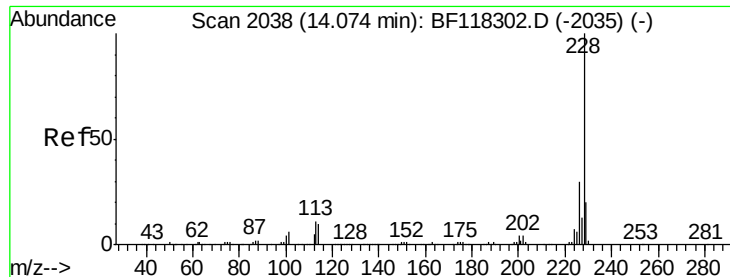


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 54.173 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

Instrument :

BNA_E

ClientSampleId :

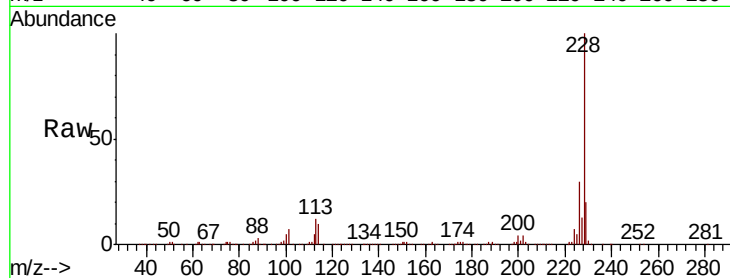
Tot Ion:228 Resp: 1265008

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

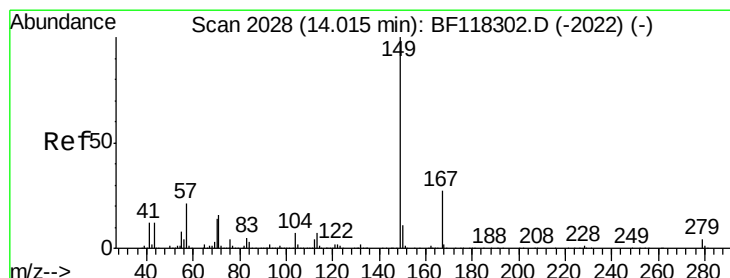
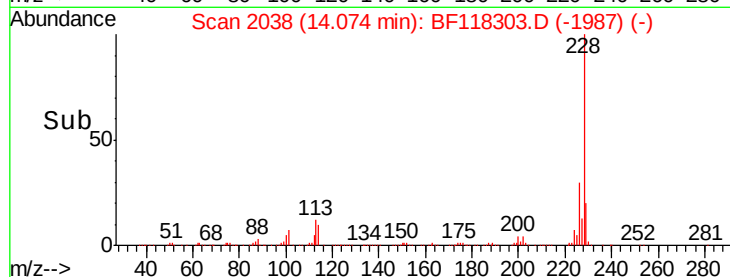
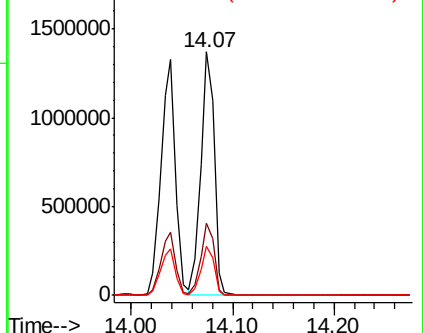
229 20.3 16.1 24.1



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: 55.501 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118303.D

Acq: 24 Dec 2019 12:24

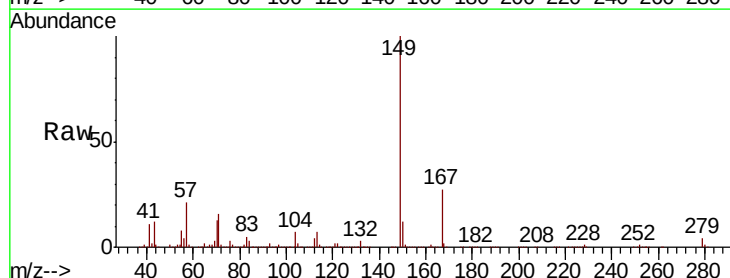
Tgt Ion:149 Resp: 923401

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

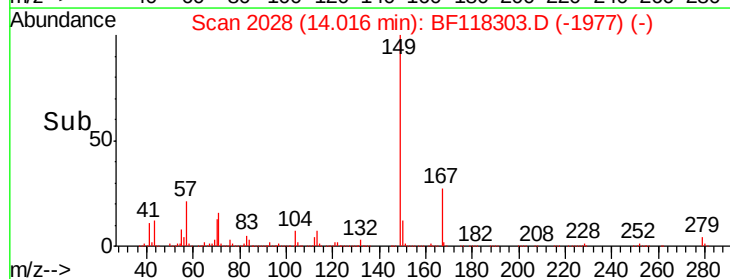
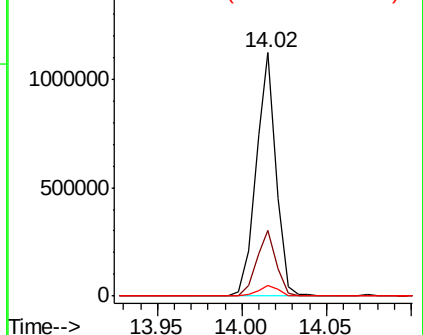
279 4.5 3.4 5.2

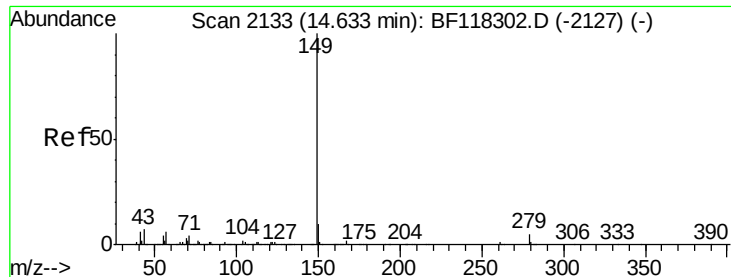


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

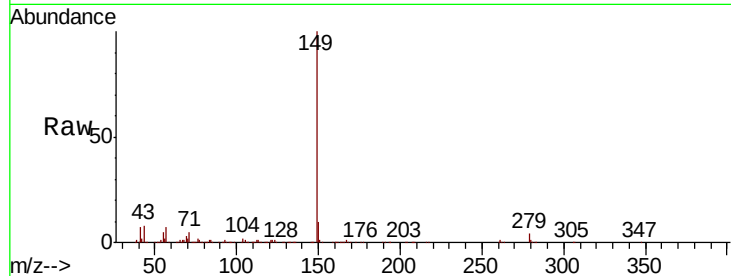




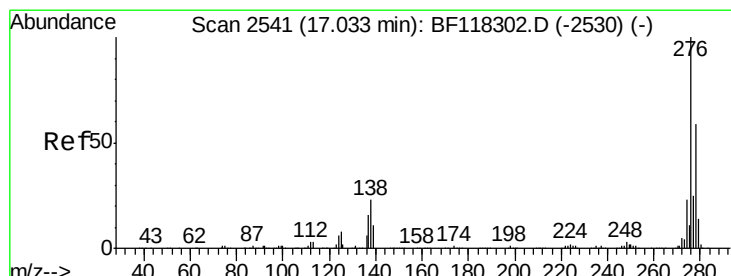
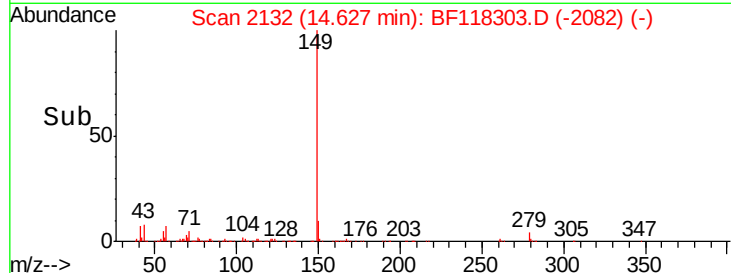
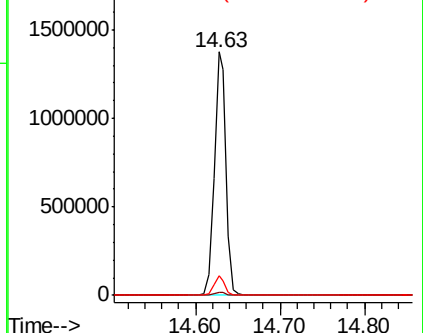
#85
Di-n-octyl phthalate
Concen: 53.633 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion:149 Resp: 1351693
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.6 6.1 9.1

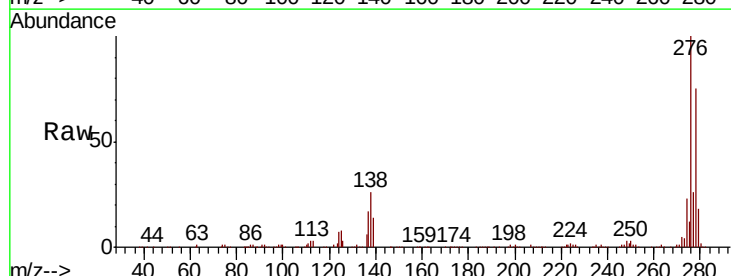


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

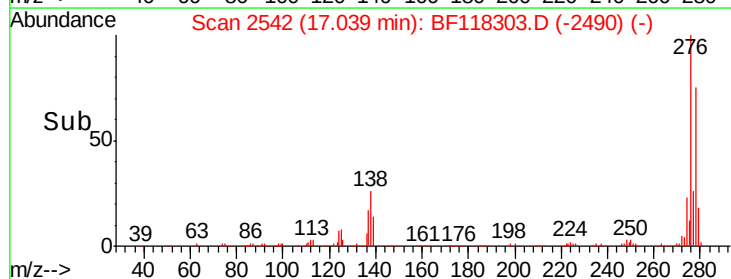
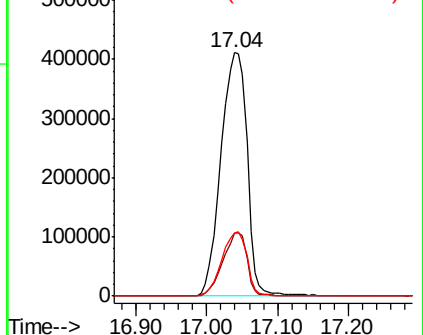


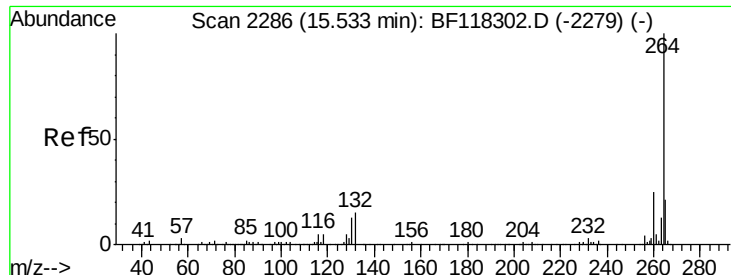
#86
Indeno(1,2,3-cd)pyrene
Concen: 53.954 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:276 Resp: 1060082
Ion Ratio Lower Upper
276 100
138 24.0 19.5 29.3
277 25.5 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

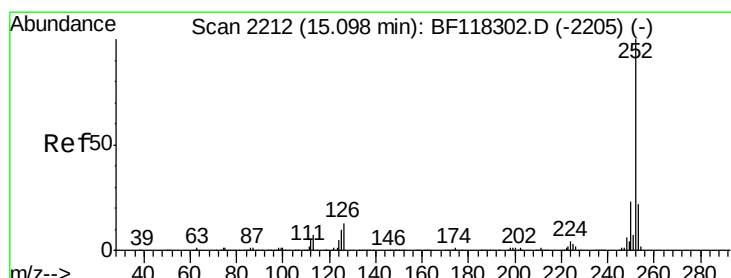
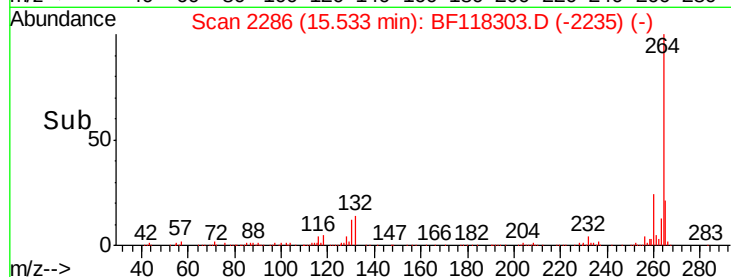
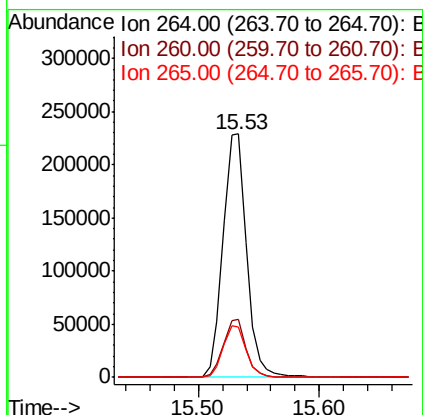
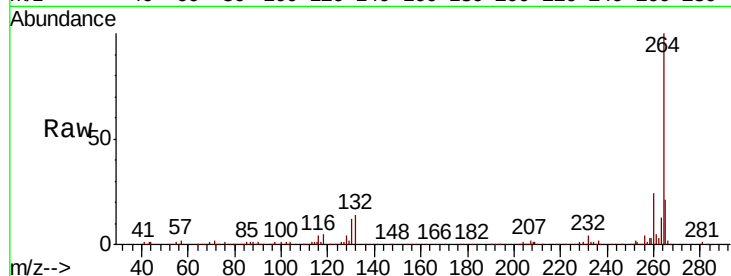




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

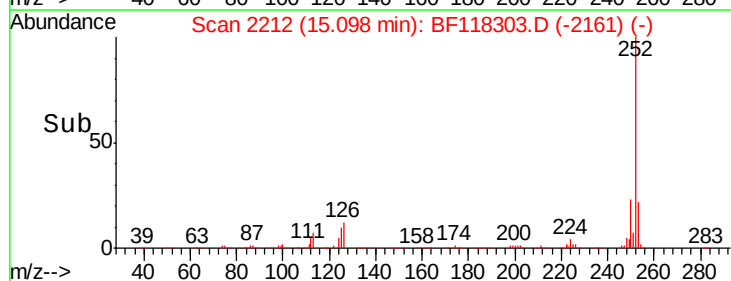
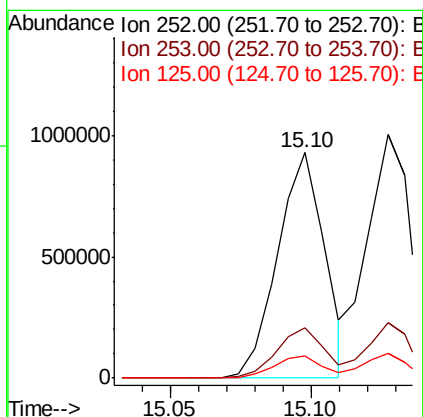
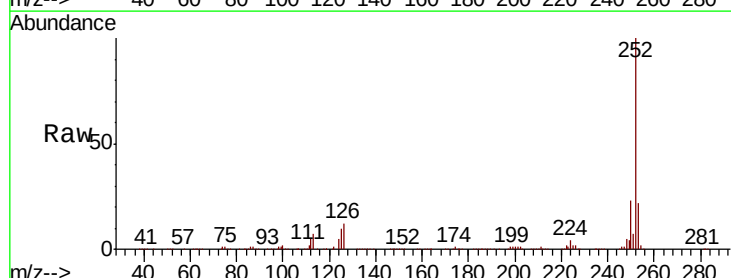
Instrument :
BNA_E
ClientSampleId :

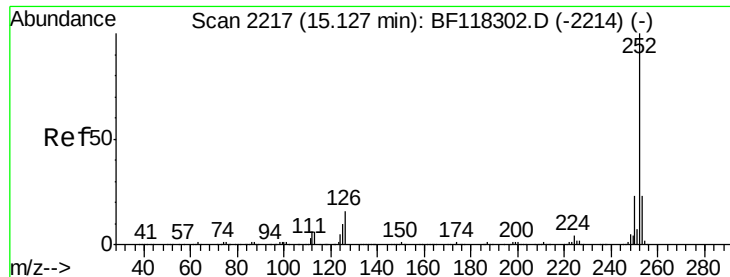
Tot Ion:264 Resp: 310860
Ion Ratio Lower Upper
264 100
260 23.9 19.8 29.6
265 20.6 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 52.252 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:252 Resp: 1074257
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.8 7.7 11.5

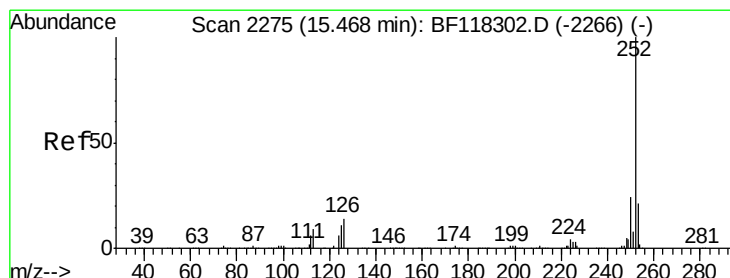
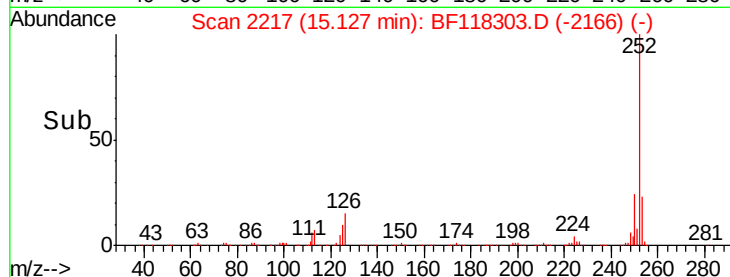
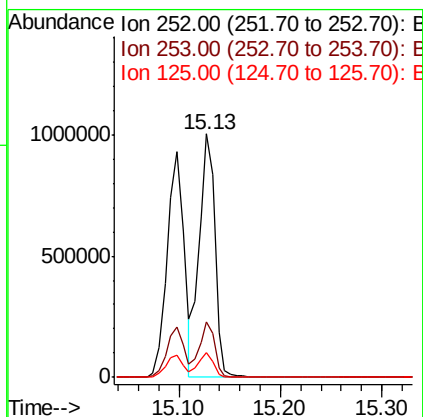
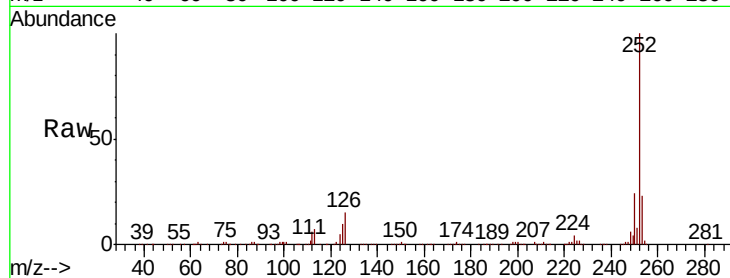




#89
Benzo(k)fluoranthene
Concen: 54.871 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

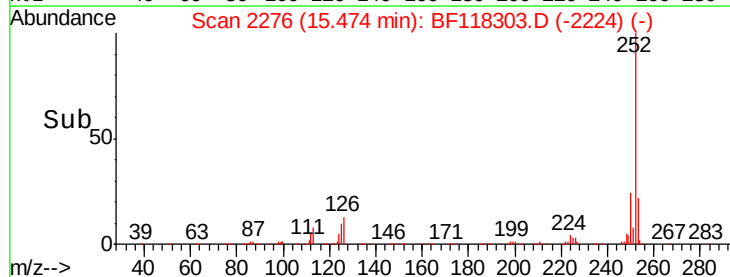
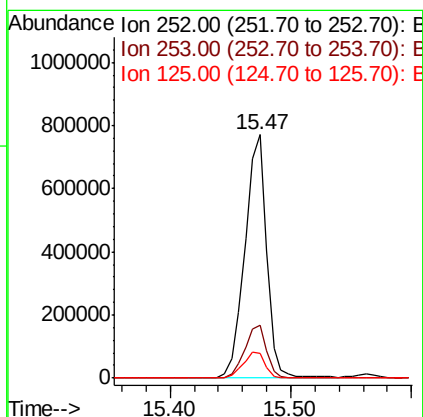
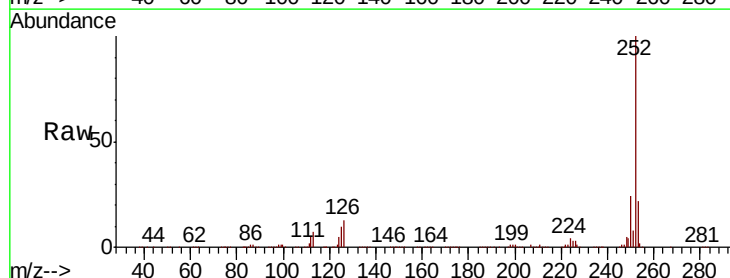
Instrument :
BNA_E
ClientSampleId :

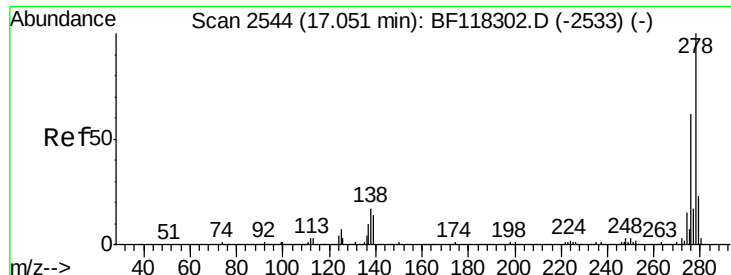
Tot Ion:252 Resp: 1083745
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.2 8.0 12.0



#90
Benzo(a)pyrene
Concen: 53.633 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion:252 Resp: 973857
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.2 9.0 13.4

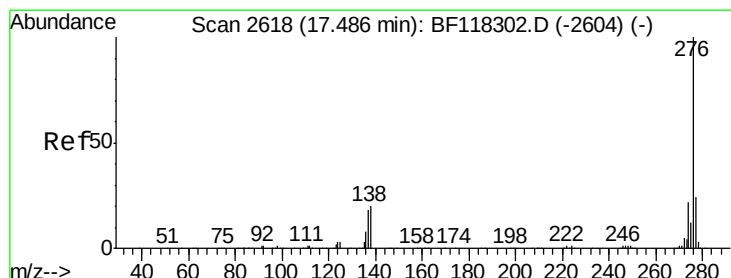
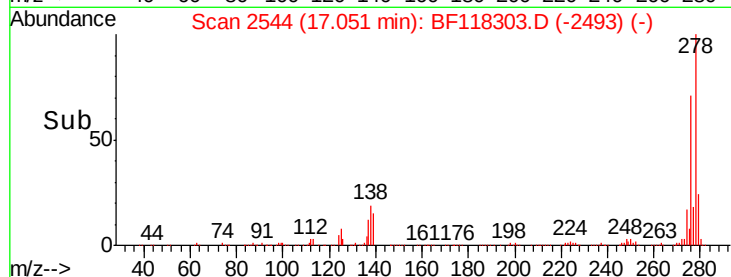
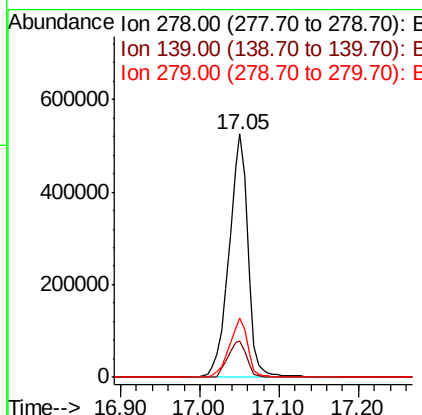
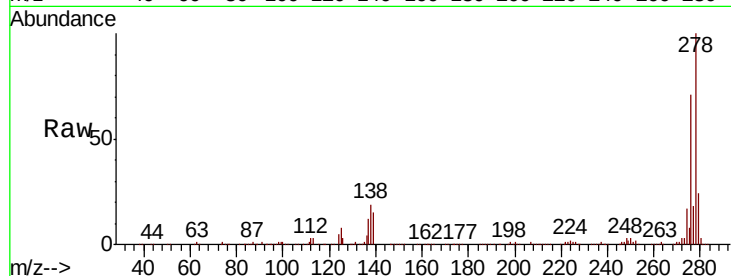




#91
Dibenzo(a,h)anthracene
Concen: 55.680 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.5	17.3
279	24.2	18.3	27.5



#92
Benzo(g,h,i)perylene
Concen: 55.836 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF118303.D
Acq: 24 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	21.6	16.1	24.1

