

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122319\
 Data File : BF118304.D
 Acq On : 24 Dec 2019 12:52
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 24 14:48:10 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	152394	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	583333	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	310608	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	576623	20.00	ng	0.00
76) Chrysene-d12	14.05	240	372247	20.00	ng	0.00
87) Perylene-d12	15.53	264	328490	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1009345	116.00	ng	0.00
7) Phenol-d6	6.49	99	1256482	119.39	ng	0.00
23) Nitrobenzene-d5	7.43	82	1174397	113.26	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	435675	115.46	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2280177	111.70	ng	0.00
79) Terphenyl-d14	12.99	244	2587897	119.55	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.58	88	199389	54.348 ng	98
3) Pyridine	3.34	79	552374	58.357 ng	99
4) n-Nitrosodimethylamine	3.31	42	231975	56.969 ng	99
6) Aniline	6.52	93	801941	59.570 ng	100
8) 2-Chlorophenol	6.64	128	579375	59.053 ng	95
9) Benzaldehyde	6.40	77	299787	56.010 ng	98
10) Phenol	6.50	94	711247	59.261 ng	91
11) bis(2-Chloroethyl)ether	6.59	93	503275	57.979 ng	99
12) 1,3-Dichlorobenzene	6.79	146	658180	57.428 ng	99
13) 1,4-Dichlorobenzene	6.87	146	671096	58.150 ng	98
14) 1,2-Dichlorobenzene	7.03	146	621851	57.377 ng	99
15) Benzyl Alcohol	7.00	79	479043	58.313 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	533752	51.141 ng	99
17) 2-Methylphenol	7.12	107	460931	59.069 ng	99
18) Hexachloroethane	7.36	117	244372	57.465 ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	386651	60.462 ng	97
20) 3+4-Methylphenols	7.27	107	583888	59.571 ng	94
22) Acetophenone	7.27	105	812890	58.004 ng	99
24) Nitrobenzene	7.45	77	585366	57.460 ng	98
25) Isophorone	7.69	82	1024429	58.281 ng	99
26) 2-Nitrophenol	7.76	139	319987	58.767 ng	96
27) 2,4-Dimethylphenol	7.80	122	430688	59.298 ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	662019	57.638 ng	99
29) 2,4-Dichlorophenol	8.00	162	486075	57.407 ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	572306	57.837 ng	97
31) Naphthalene	8.16	128	1698129	57.964 ng	99
32) Benzoic acid	7.95	122	375041	57.190 ng	99
33) 4-Chloroaniline	8.22	127	717783	56.743 ng	98
34) Hexachlorobutadiene	8.28	225	336730	56.750 ng	99
35) Caprolactam	8.60	113	155464	59.539 ng	95
36) 4-Chloro-3-methylphenol	8.70	107	523892	58.796 ng	98
37) 2-Methylnaphthalene	8.86	142	1150376	58.001 ng	99
38) 1-Methylnaphthalene	8.96	142	1085378	58.282 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	541188	57.515 ng	99

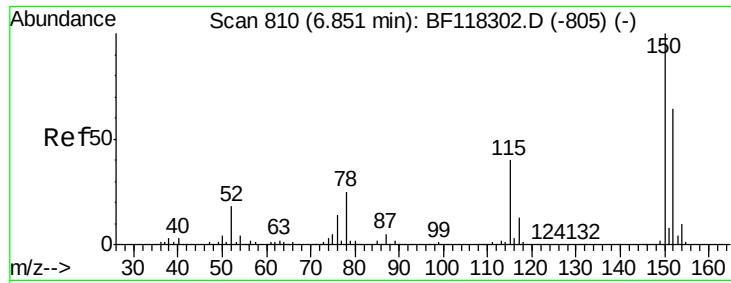
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122319\
 Data File : BF118304.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	218931	51.930	ng	97
43) 2,4,6-Trichlorophenol	9.14	196	364616	58.037	ng	100
44) 2,4,5-Trichlorophenol	9.18	196	375272	57.655	ng	96
46) 1,1'-Biphenyl	9.32	154	1410796	57.590	ng	98
47) 2-Chloronaphthalene	9.35	162	1137014	57.699	ng	99
48) 2-Nitroaniline	9.45	65	322684	57.421	ng	96
49) Acenaphthylene	9.77	152	1665687	57.310	ng	99
50) Dimethylphthalate	9.63	163	1330821	58.006	ng	99
51) 2,6-Dinitrotoluene	9.69	165	285491	57.227	ng	98
52) Acenaphthene	9.94	154	1020189	57.507	ng	98
53) 3-Nitroaniline	9.87	138	339040	57.748	ng	96
54) 2,4-Dinitrophenol	9.97	184	141290	56.926	ng	97
55) Dibenzofuran	10.11	168	1506917	57.971	ng	96
56) 4-Nitrophenol	10.03	139	221493	54.362	ng	96
57) 2,4-Dinitrotoluene	10.10	165	393950	59.163	ng	88
58) Fluorene	10.46	166	1191992	57.703	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	317424	59.111	ng	98
60) Diethylphthalate	10.33	149	1308764	57.898	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	599721	57.699	ng	97
62) 4-Nitroaniline	10.49	138	349917	57.146	ng	99
63) Azobenzene	10.60	77	1124709	58.285	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	189790	59.599	ng	97
66) n-Nitrosodiphenylamine	10.57	169	1048162	58.209	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	384084	58.351	ng	93
68) Hexachlorobenzene	11.01	284	447594	57.773	ng	93
69) Atrazine	11.09	200	321649	70.440	ng	96
70) Pentachlorophenol	11.20	266	208014	57.093	ng	99
71) Phenanthrene	11.42	178	1775173	57.913	ng	100
72) Anthracene	11.47	178	1762399	57.636	ng	100
73) Carbazole	11.63	167	1576678	57.469	ng	99
74) Di-n-butylphthalate	11.95	149	1995368	58.113	ng	99
75) Fluoranthene	12.62	202	1772282	56.551	ng	97
77) Benzidine	12.73	184	484598	49.452	ng	97
78) Pyrene	12.85	202	1788613	60.973	ng	98
80) Butylbenzylphthalate	13.46	149	816372	61.450	ng	99
81) Benzo(a)anthracene	14.04	228	1483302	57.627	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	492755	58.290	ng	99
83) Chrysene	14.08	228	1419339	57.727	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1062429	60.648	ng	99
85) Di-n-octyl phthalate	14.63	149	1528078	57.584	ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1233330	59.616	ng	100
88) Benzo(b)fluoranthene	15.10	252	1277547	58.805	ng	98
89) Benzo(k)fluoranthene	15.13	252	1150085	55.105	ng	98
90) Benzo(a)pyrene	15.47	252	1091839	56.903	ng	98
91) Dibenzo(a,h)anthracene	17.06	278	1005875	61.120	ng	97
92) Benzo(g,h,i)perylene	17.49	276	991348	62.686	ng	99

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

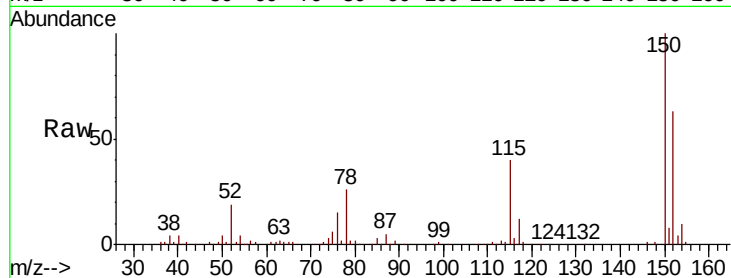


#1

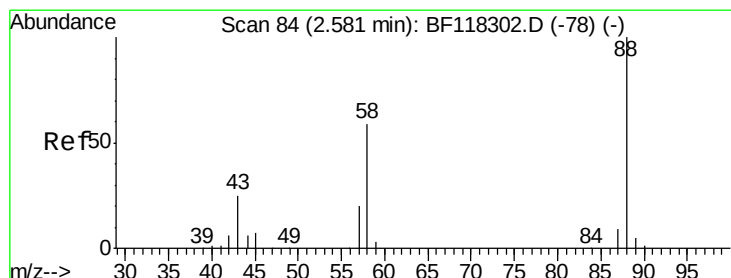
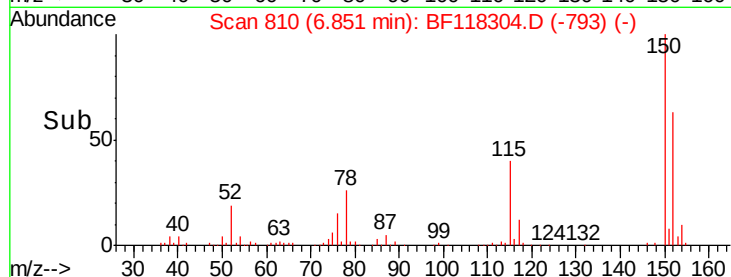
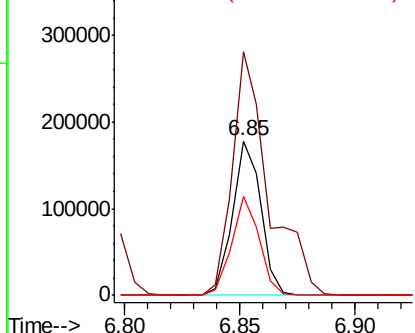
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 152394
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.4 188.2
 115 63.8 50.2 75.4



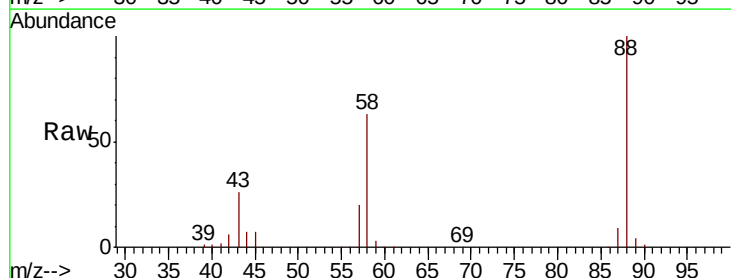
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



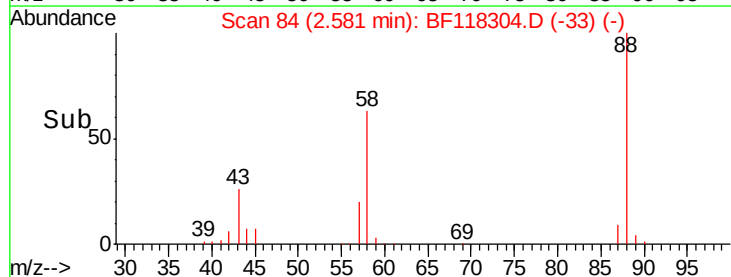
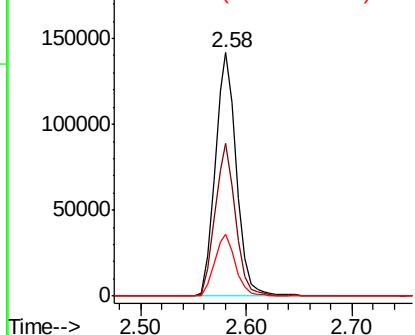
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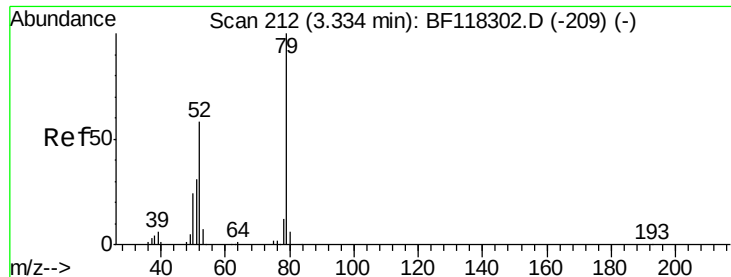
1,4-Dioxane
 Concen: 54.348 ng
 RT: 2.58 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Tgt Ion: 88 Resp: 199389
 Ion Ratio Lower Upper
 88 100
 58 61.0 47.6 71.4
 43 25.2 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

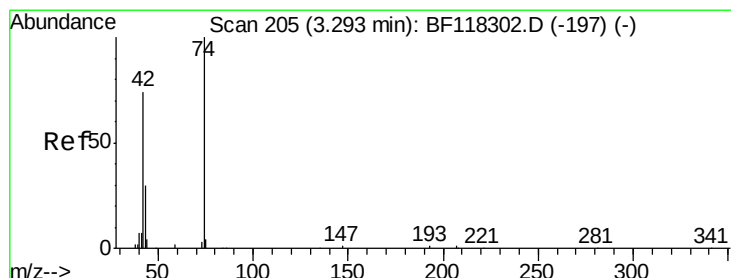
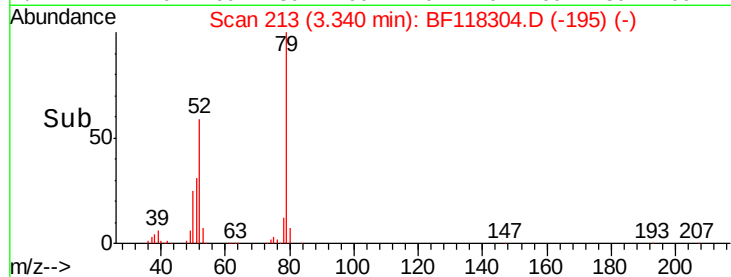
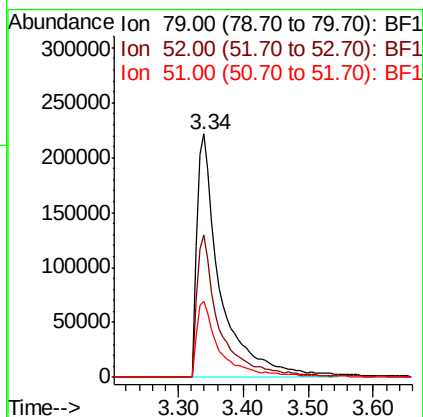
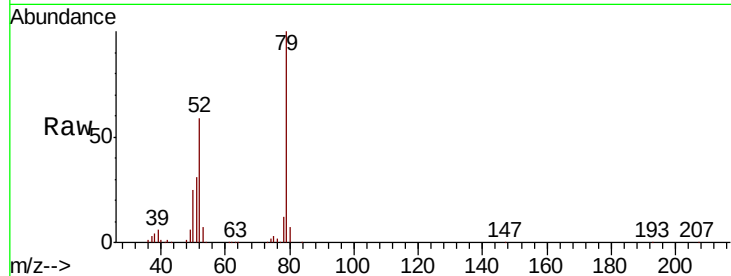




#3
 Pvridine
 Concen: 58.357 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

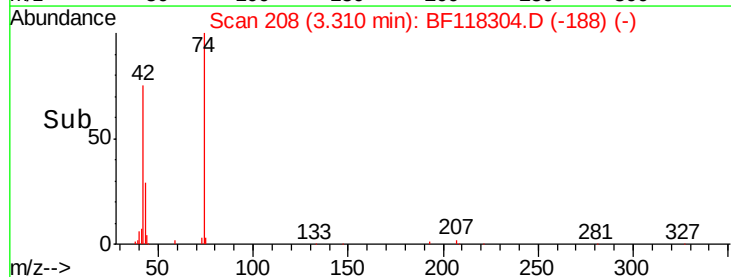
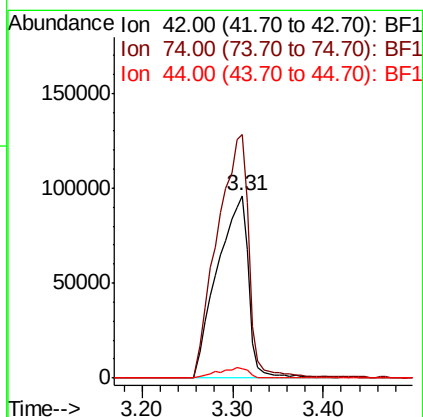
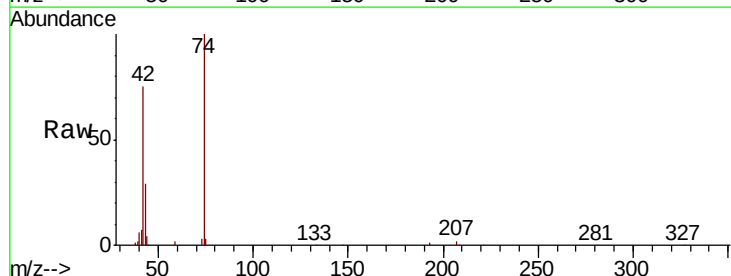
Instrument :
 BNA_E
 ClientSampled :

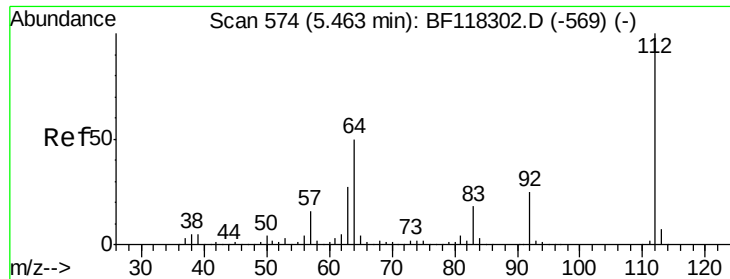
Tot Ion: 79 Resp: 552374
 Ion Ratio Lower Upper
 79 100
 52 58.7 46.4 69.6
 51 31.1 24.9 37.3



#4
 n-Nitrosodimethylamine
 Concen: 56.969 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.02 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Tgt Ion: 42 Resp: 231975
 Ion Ratio Lower Upper
 42 100
 74 133.2 107.7 161.5
 44 5.2 4.8 7.2





#5

2-Fluorophenol

Concen: 116.004 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

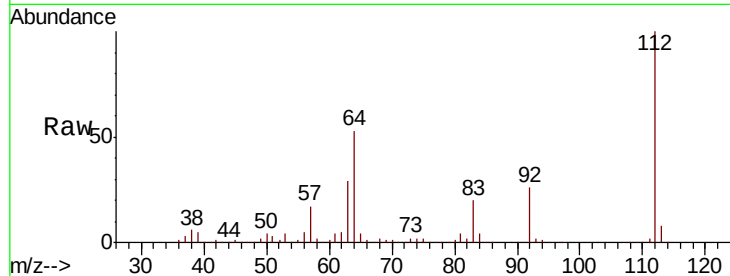
Tot Ion:112 Resp: 1009345

Ion Ratio Lower Upper

112 100

64 53.3 39.7 59.5

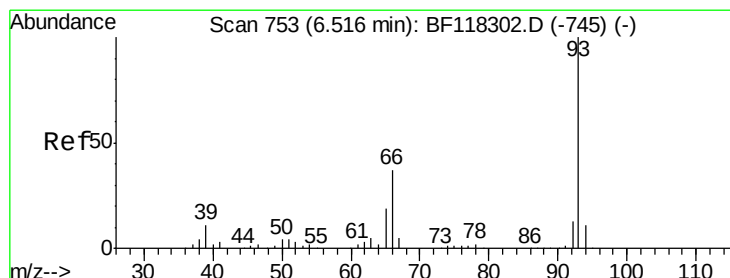
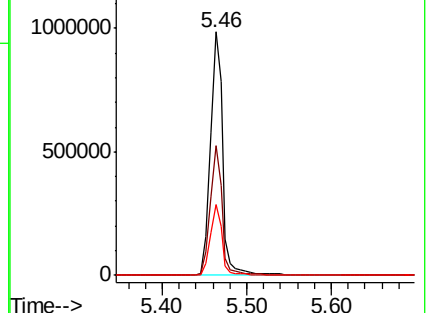
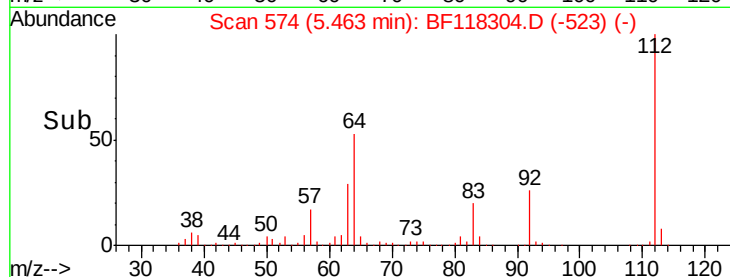
63 29.3 21.7 32.5



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: 59.570 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

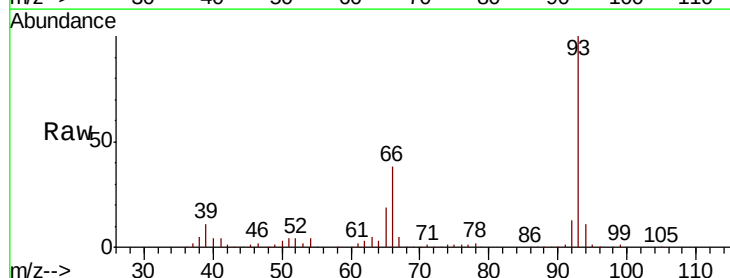
Tgt Ion: 93 Resp: 801941

Ion Ratio Lower Upper

93 100

66 37.6 30.2 45.4

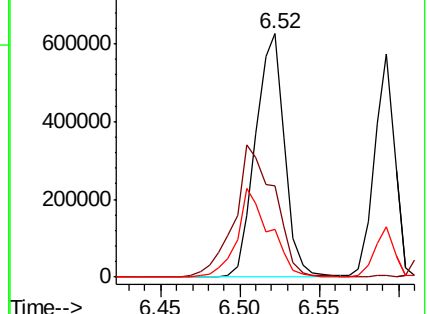
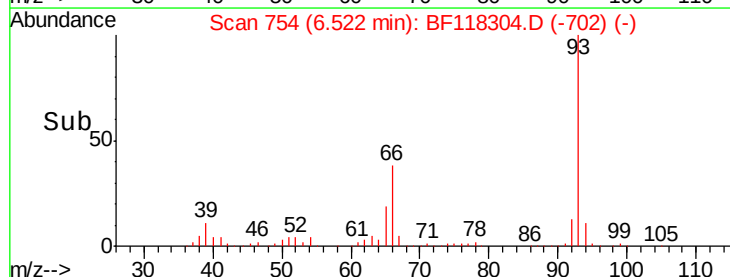
65 19.4 15.7 23.5

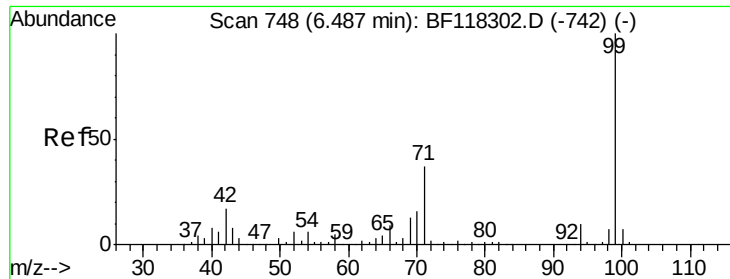


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.391 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

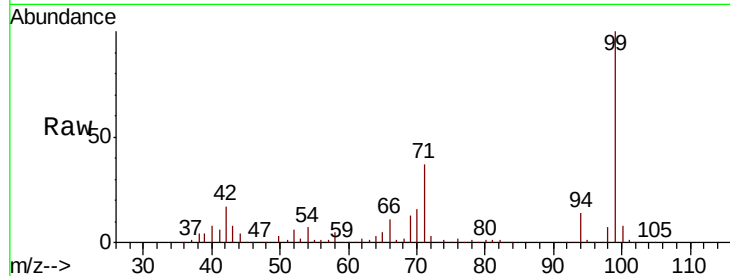
Tot Ion: 99 Resp: 1256482

Ion Ratio Lower Upper

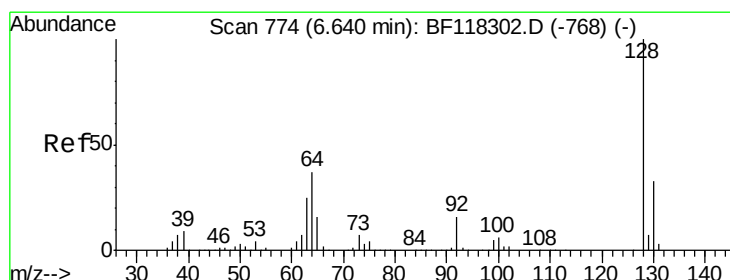
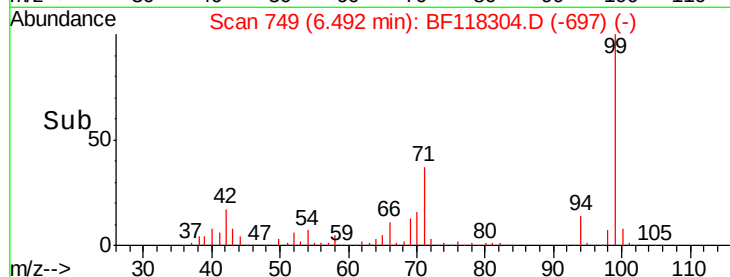
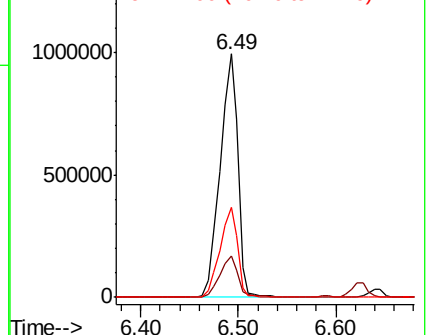
99 100

42 17.1 13.5 20.3

71 36.8 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: 59.053 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

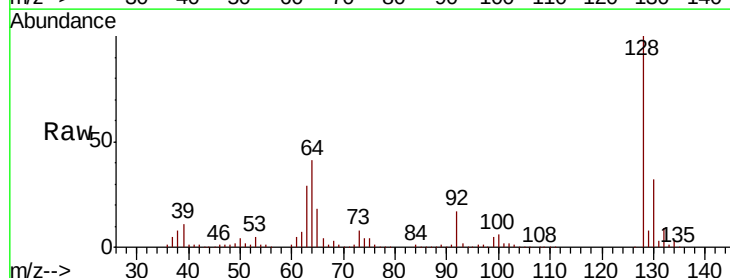
Tgt Ion: 128 Resp: 579375

Ion Ratio Lower Upper

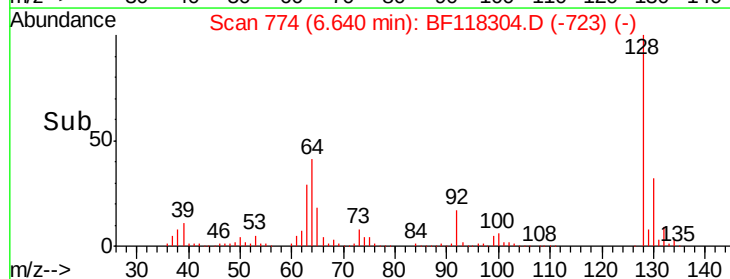
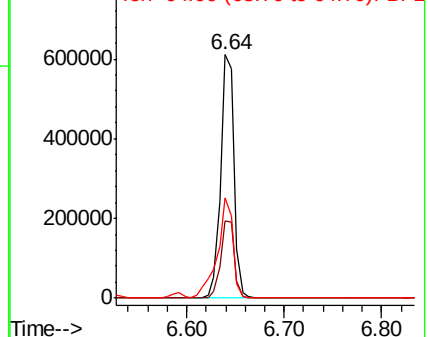
128 100

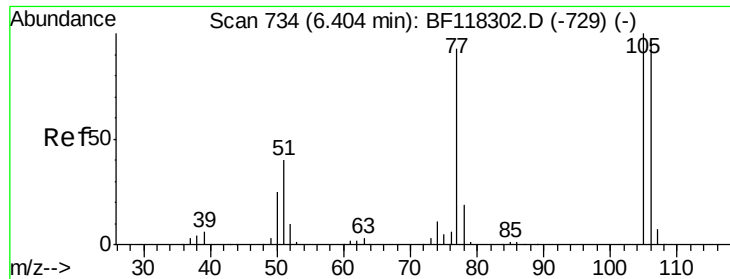
130 31.6 13.2 53.2

64 41.4 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

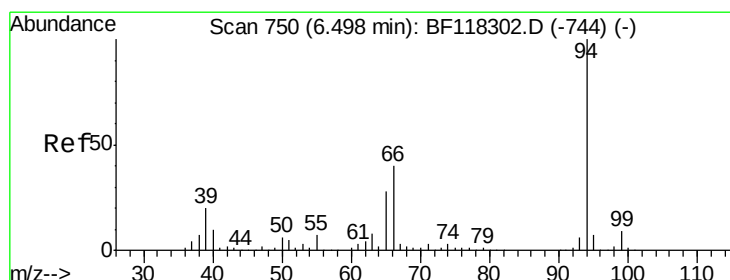
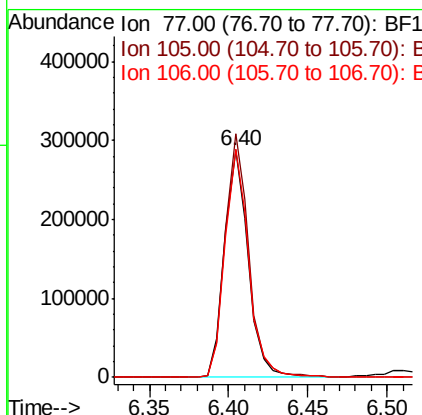
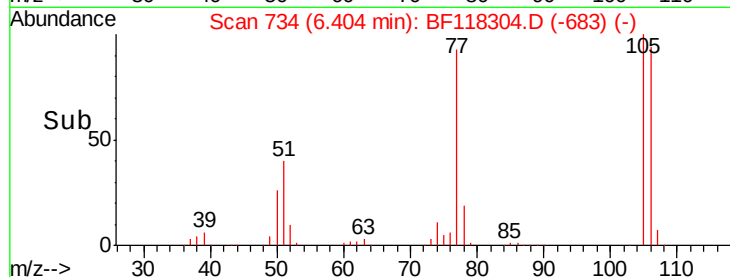
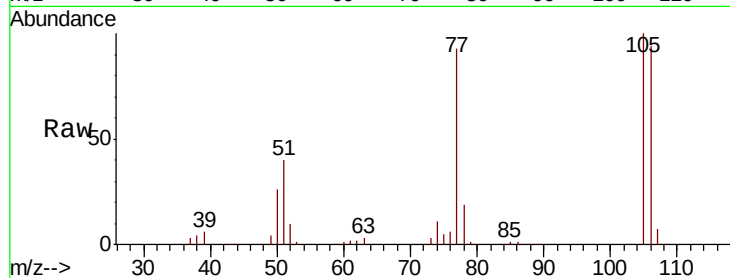




#9
Benzaldehyde
Concen: 56.010 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

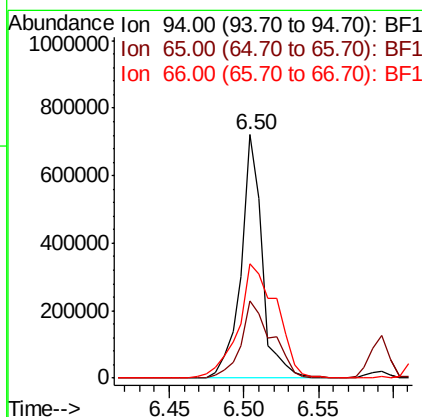
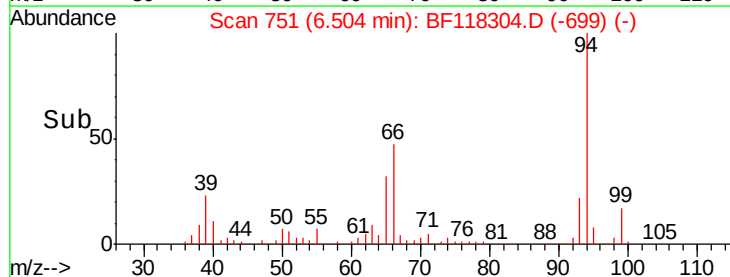
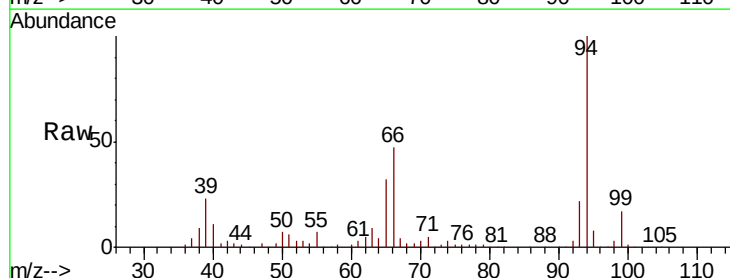
Instrument :
BNA_E
ClientSampled :

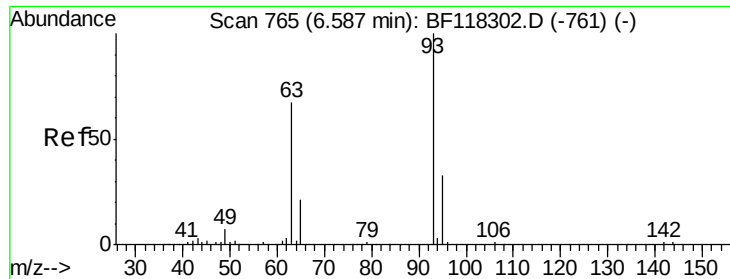
Tot Ion: 77 Resp: 299787
Ion Ratio Lower Upper
77 100
105 107.3 87.5 127.5
106 100.4 83.6 123.6



#10
Phenol
Concen: 59.261 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion: 94 Resp: 711247
Ion Ratio Lower Upper
94 100
65 31.6 7.8 47.8
66 47.0 20.4 60.4

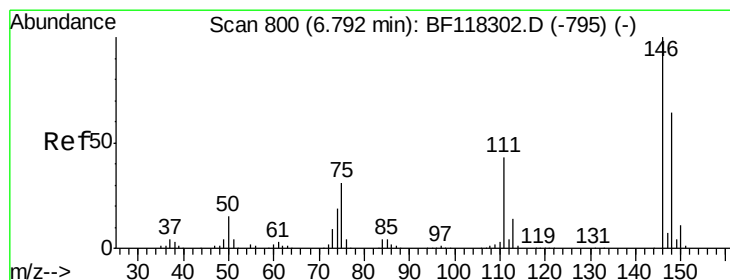
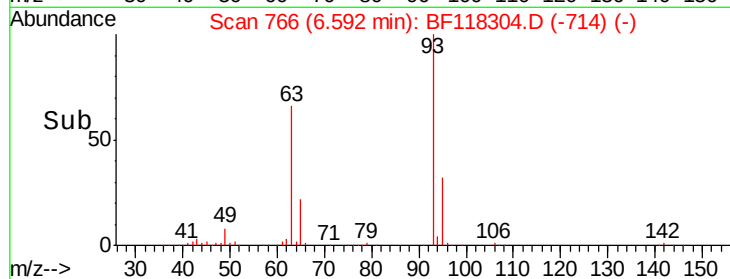
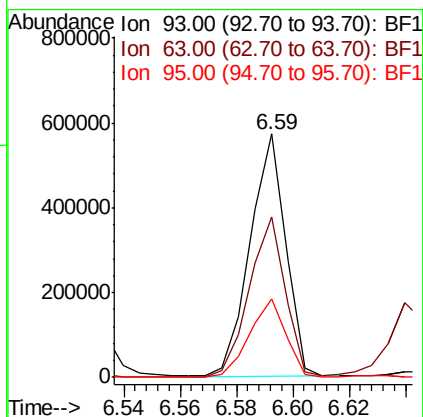
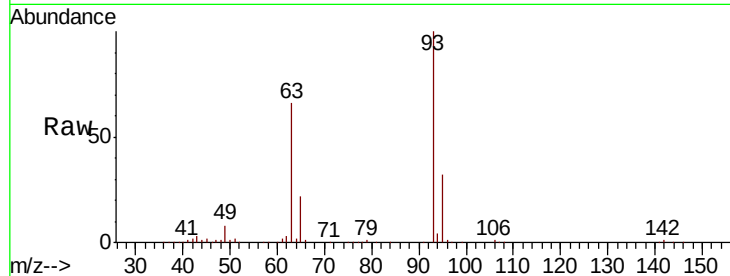




#11
bis(2-Chloroethyl)ether
Concen: 57.979 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

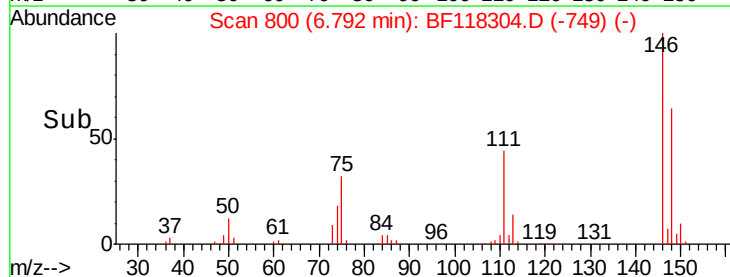
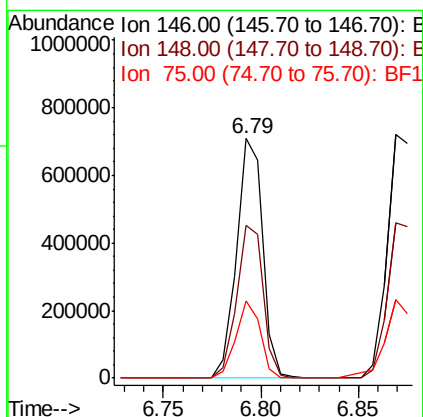
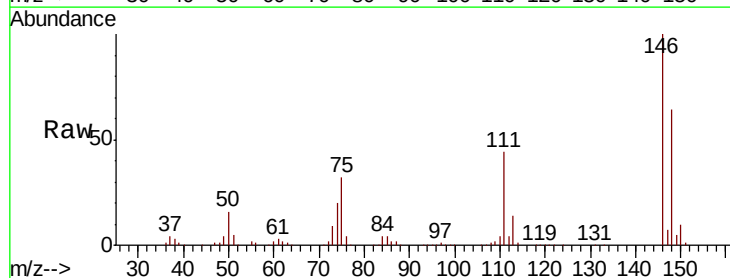
Instrument :
BNA_E
ClientSampleId :

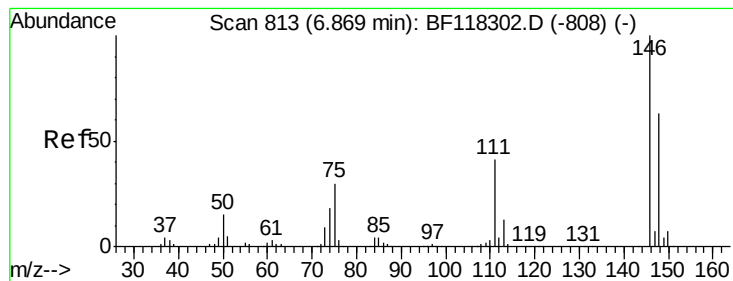
Tot Ion:	93	Resp:	503275
Ion	Ratio	Lower	Upper
93	100		
63	65.9	47.0	87.0
95	32.0	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 57.428 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:	146	Resp:	658180
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	32.2	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 58.150 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampled :

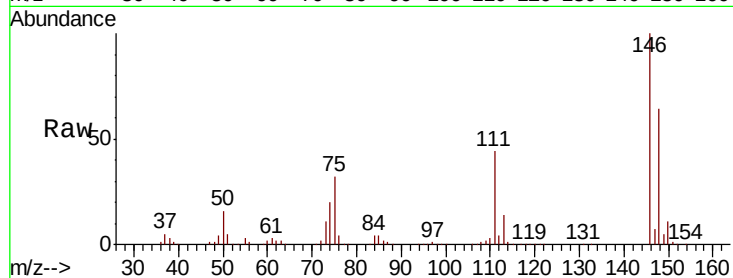
Tot Ion:146 Resp: 671096

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

111 43.7 32.8 49.2

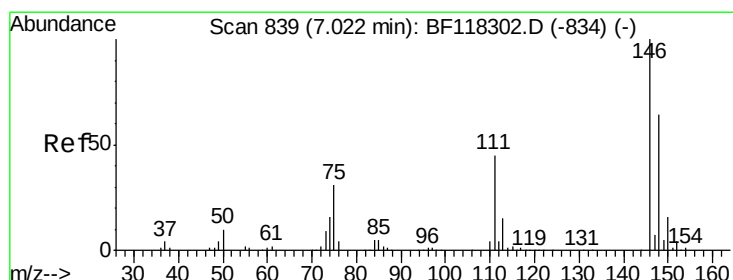
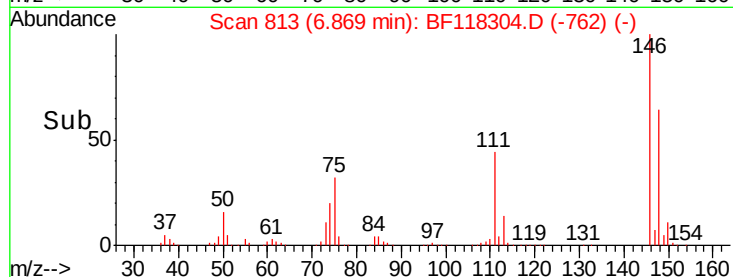
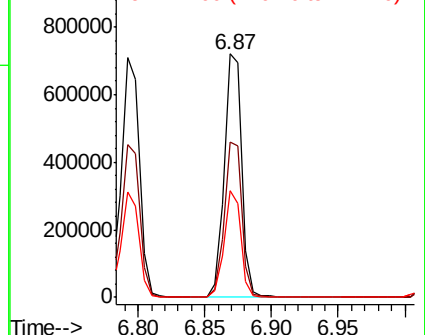


Abundance

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: 57.377 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

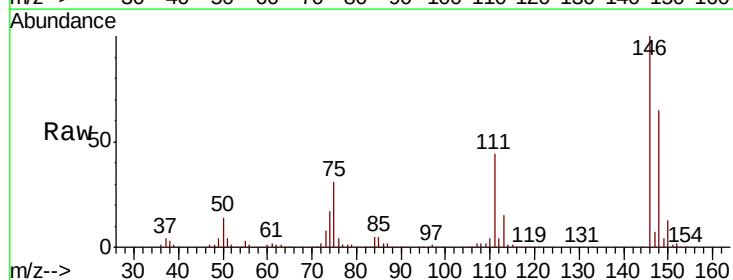
Tgt Ion:146 Resp: 621851

Ion Ratio Lower Upper

146 100

148 65.4 51.3 76.9

111 44.5 35.7 53.5

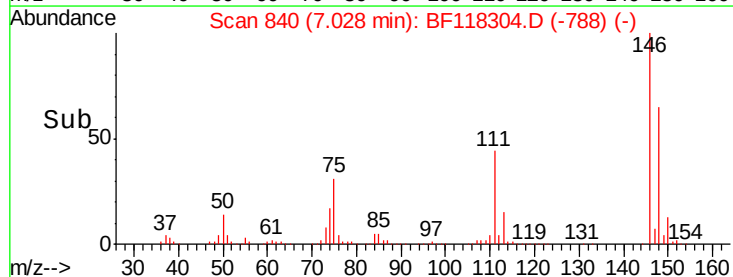
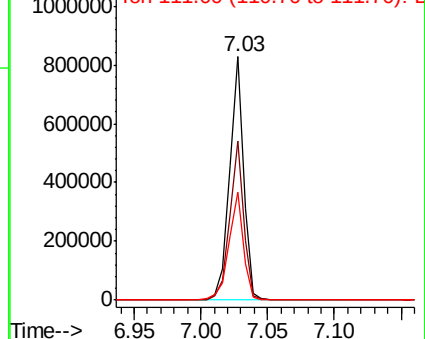


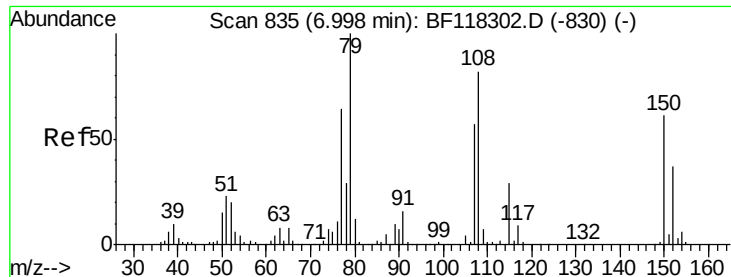
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 58.313 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampled :

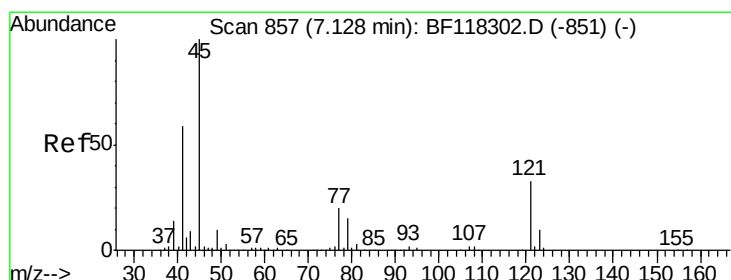
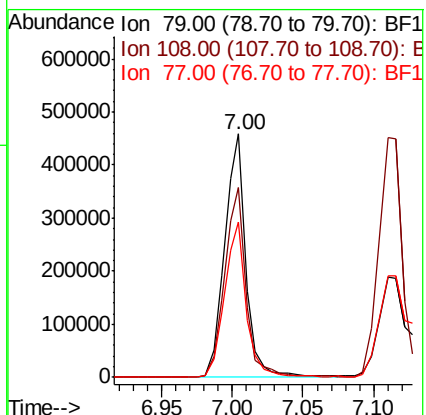
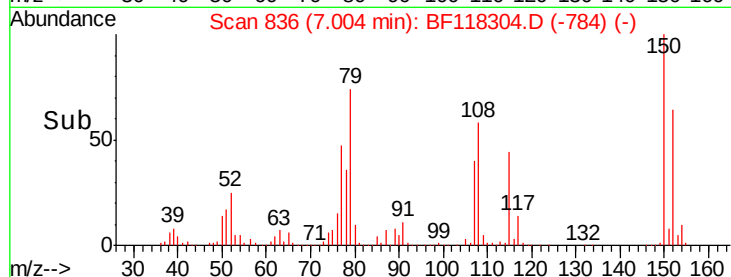
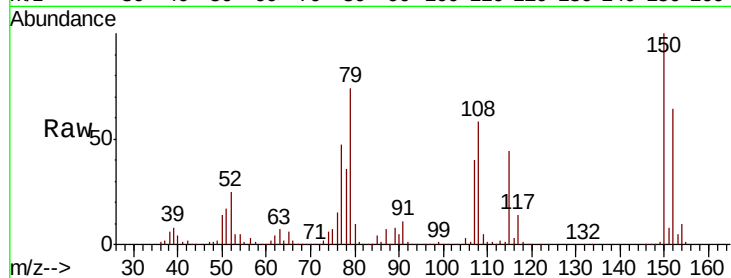
Tot Ion: 79 Resp: 479043

Ion Ratio Lower Upper

79 100

108 78.2 65.4 98.0

77 63.8 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.141 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

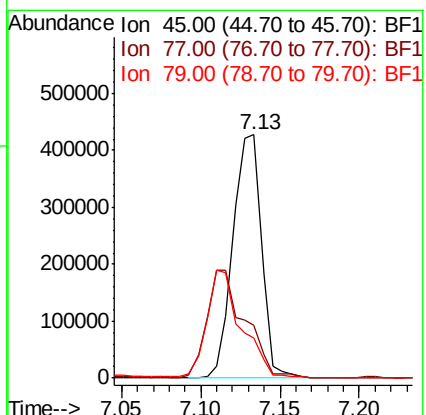
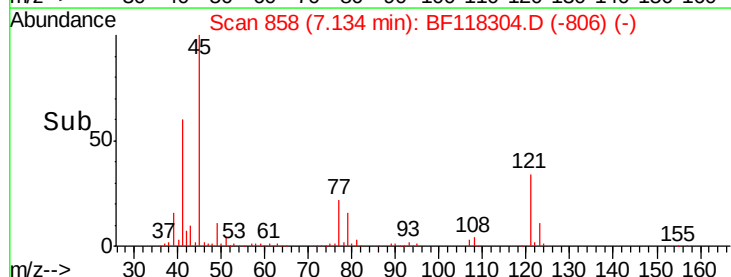
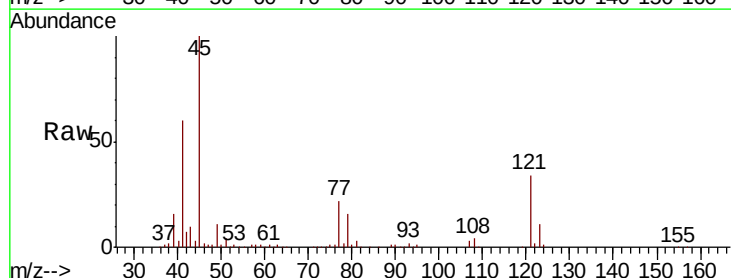
Tgt Ion: 45 Resp: 533752

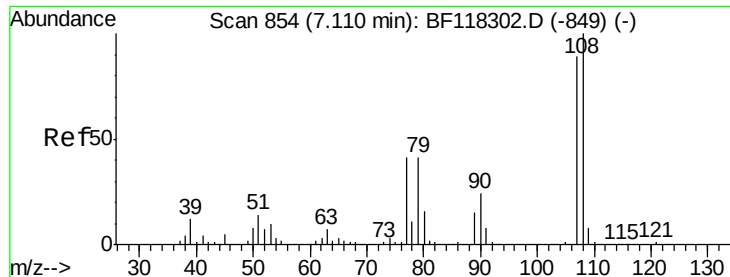
Ion Ratio Lower Upper

45 100

77 21.8 1.2 41.2

79 16.3 0.0 37.0

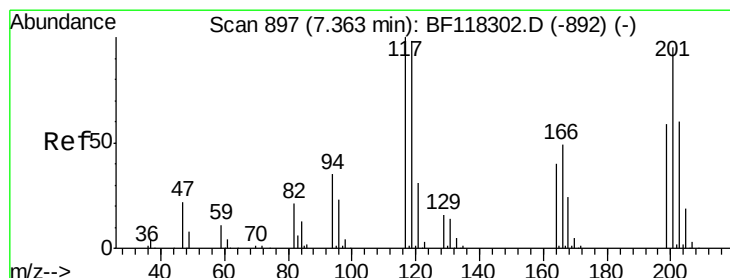
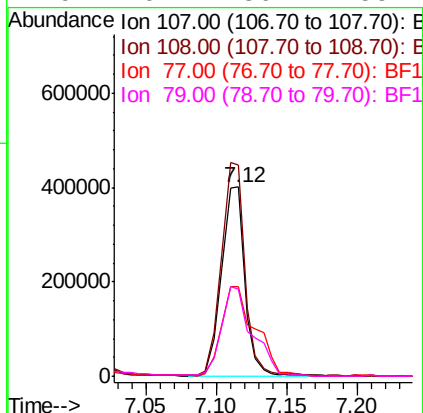
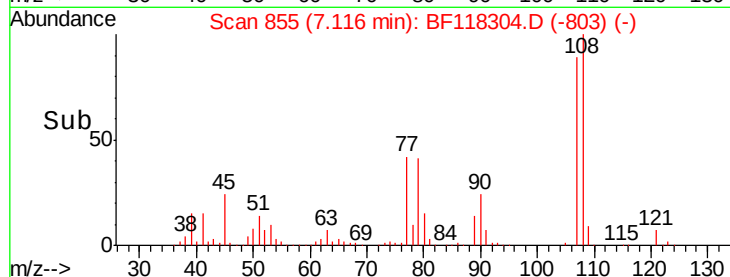
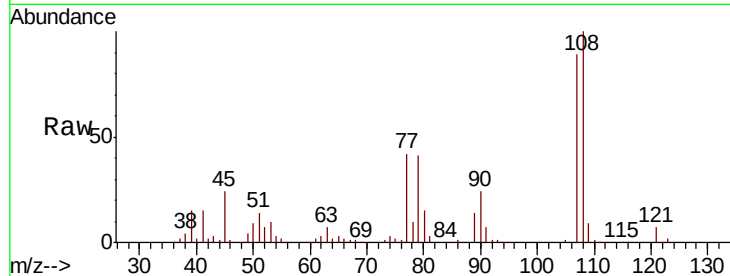




#17
2-Methylphenol
Concen: 59.069 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

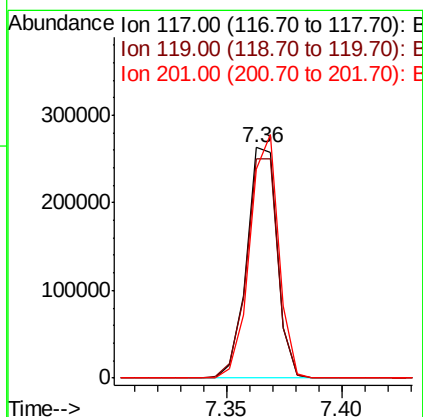
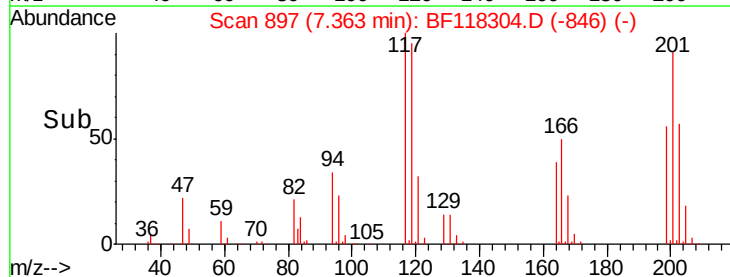
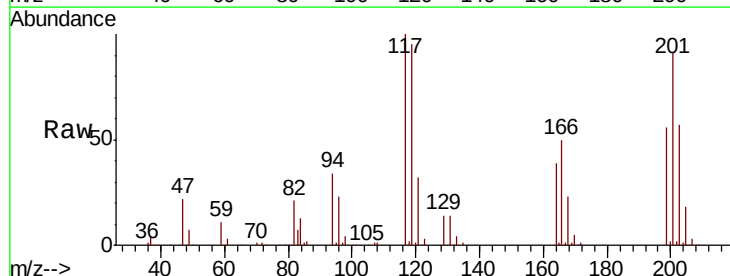
Instrument :
BNA_E
ClientSampleId :

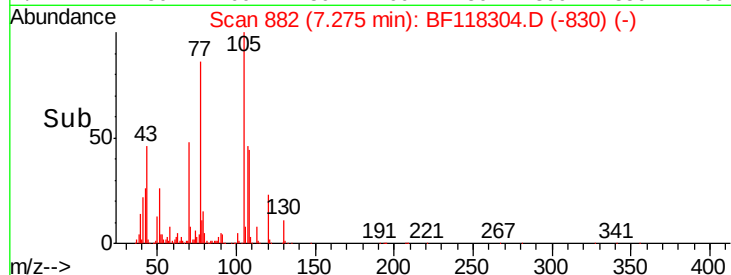
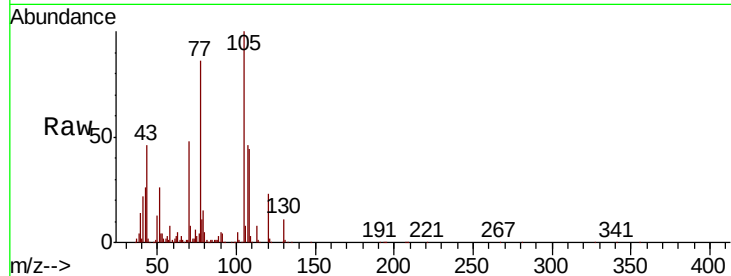
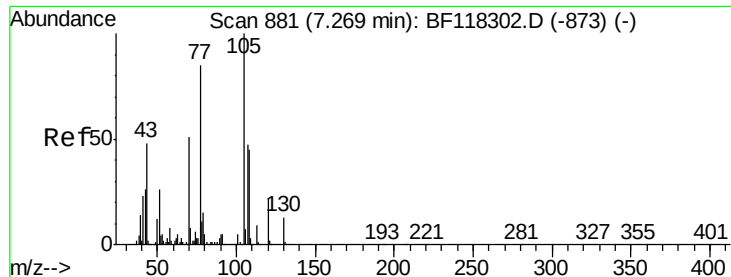
Tot Ion:107 Resp: 460931
Ion Ratio Lower Upper
107 100
108 111.9 89.7 134.5
77 47.6 37.2 55.8
79 46.2 36.7 55.1



#18
Hexachloroethane
Concen: 57.465 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:117 Resp: 244372
Ion Ratio Lower Upper
117 100
119 95.1 78.0 117.0
201 90.8 76.2 114.2

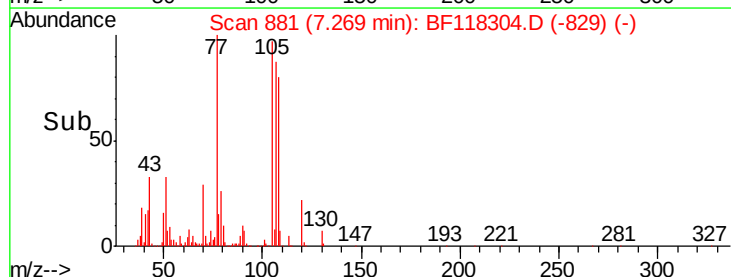
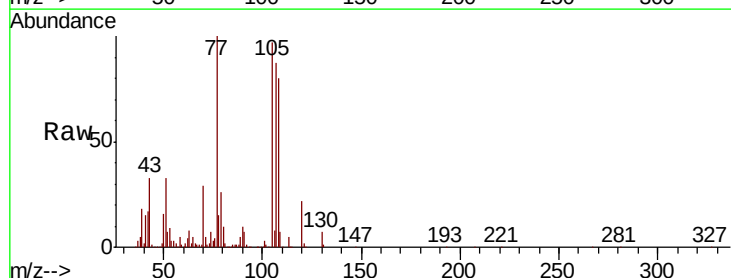
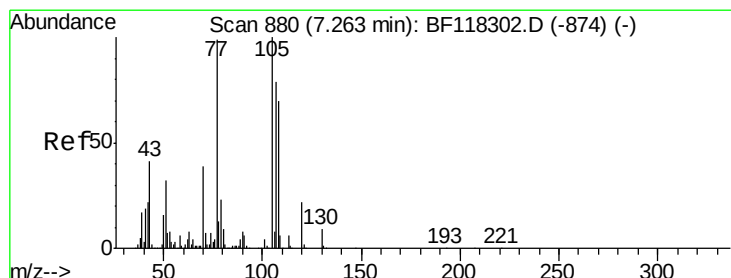
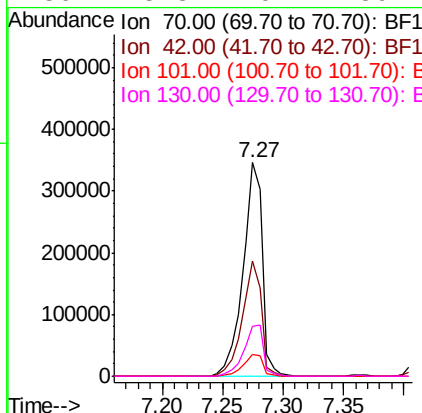




#19
n-Nitroso-di-n-propylamine
Concen: 60.462 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

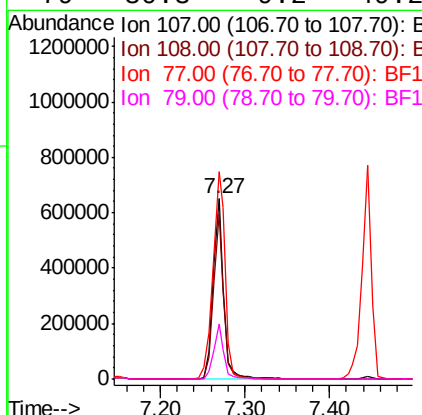
Instrument :
BNA_E
ClientSampleId :

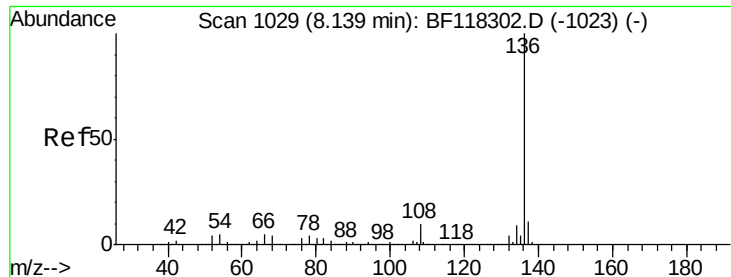
Tot Ion: 70 Resp: 386651
Ion Ratio Lower Upper
70 100
42 54.2 41.1 61.7
101 10.4 8.3 12.5
130 23.3 20.1 30.1



#20
3+4-Methylphenols
Concen: 59.571 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion: 107 Resp: 583888
Ion Ratio Lower Upper
107 100
108 91.6 69.3 109.3
77 114.8 105.9 145.9
79 30.3 9.2 49.2

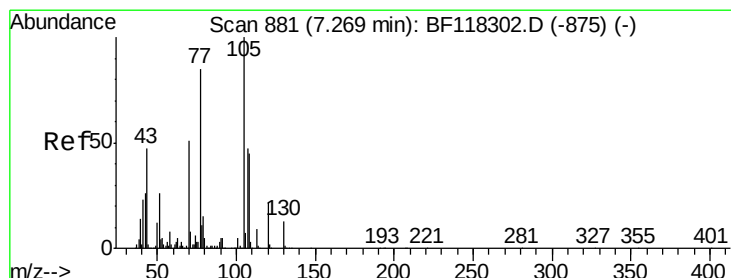
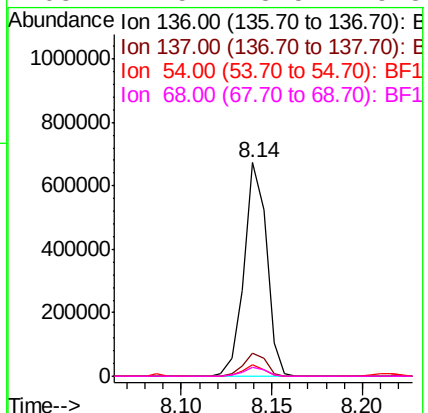
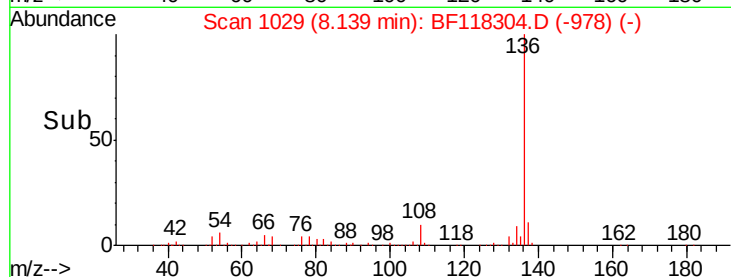
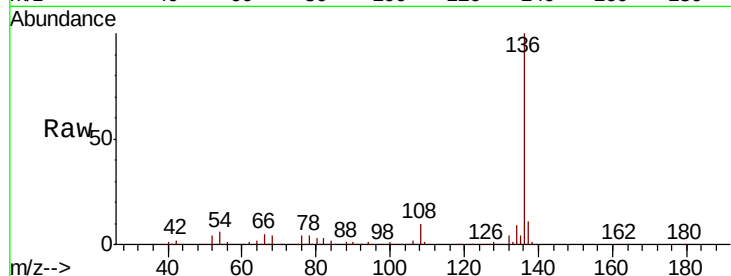




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

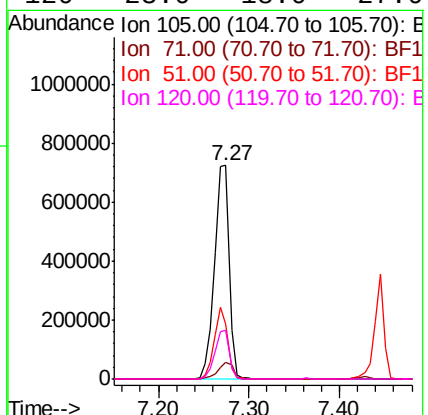
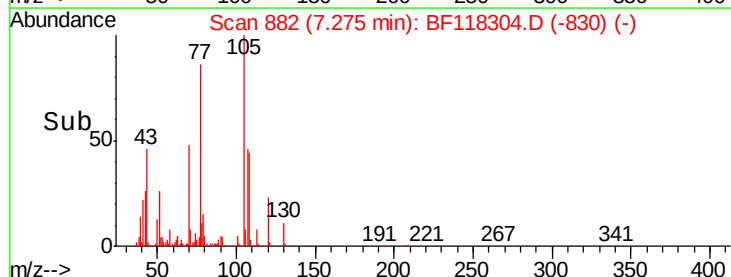
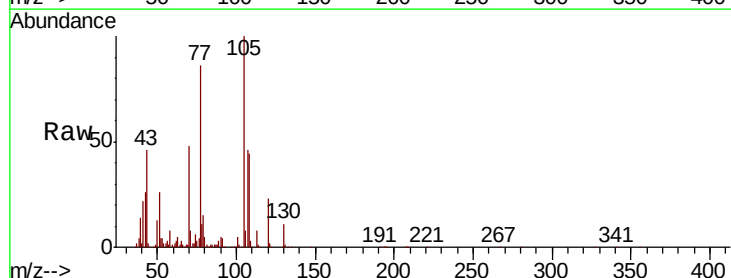
Instrument :
BNA_E
ClientSampled :

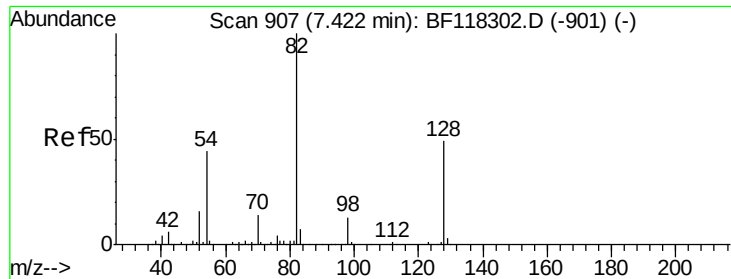
Tot Ion:136	Resp:	583333	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.9	13.3	
54 5.5	4.2	6.4	
68 4.5	3.5	5.3	



#22
Acetophenone
Concen: 58.004 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt	Ion:105	Resp:	812890
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.6	9.8
51	25.9	20.6	30.8
120	23.0	18.0	27.0

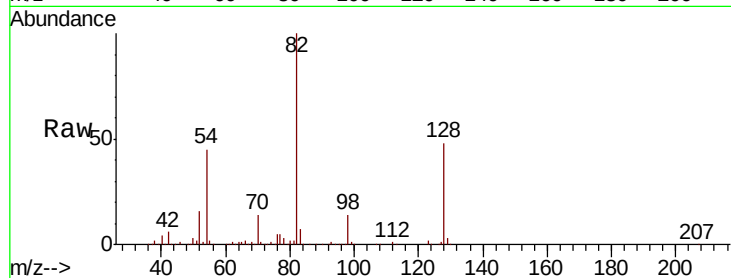




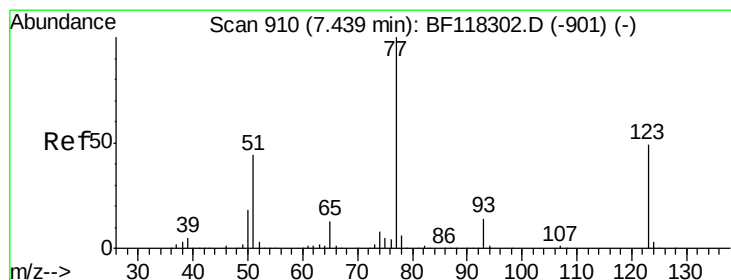
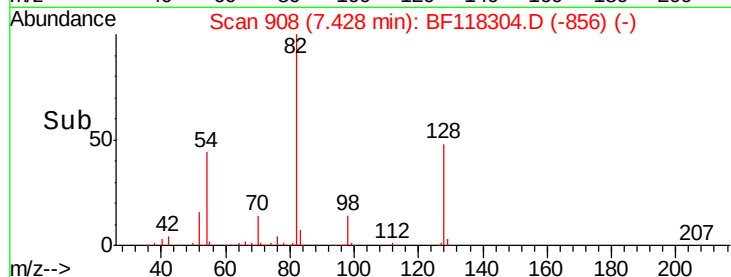
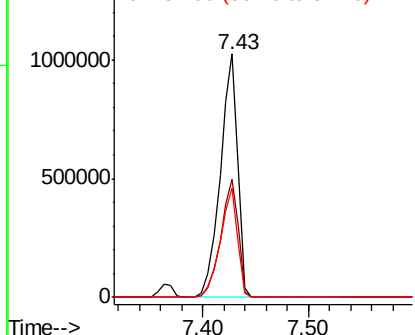
#23
 Nitrobenzene-d5
 Concen: 113.261 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 1174397
 Ion Ratio Lower Upper
 82 100
 128 48.4 39.6 59.4
 54 44.8 34.9 52.3

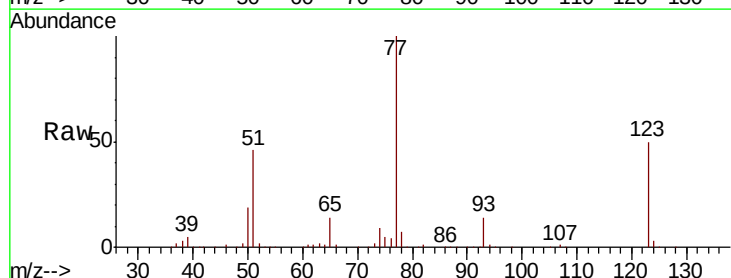


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

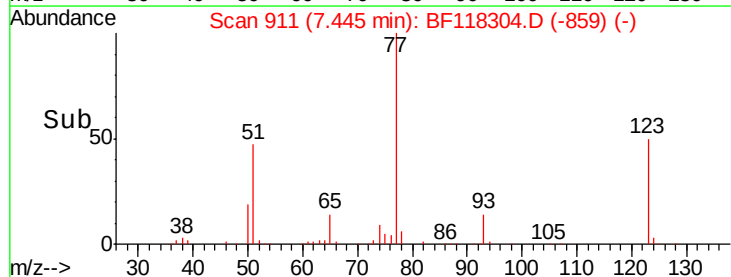
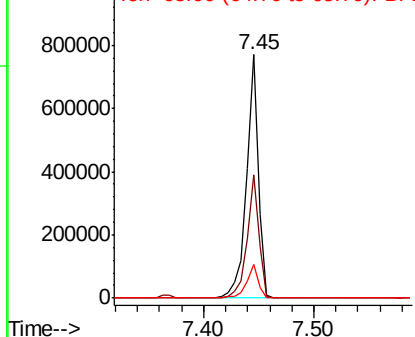


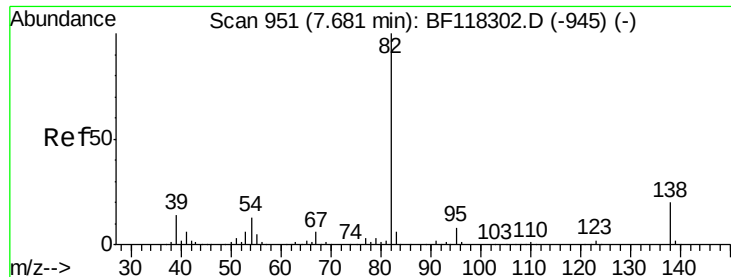
#24
 Nitrobenzene
 Concen: 57.460 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Tgt Ion: 77 Resp: 585366
 Ion Ratio Lower Upper
 77 100
 123 50.5 39.1 58.7
 65 13.7 10.6 16.0



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





#25

Isophorone

Concen: 58.281 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

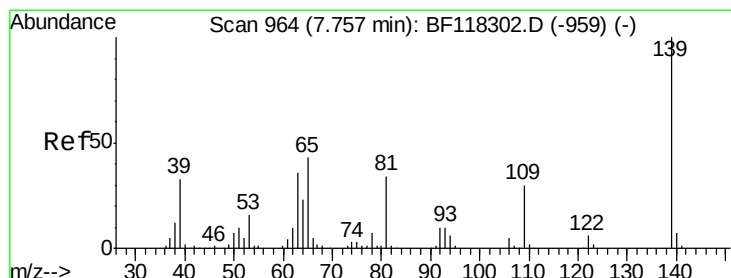
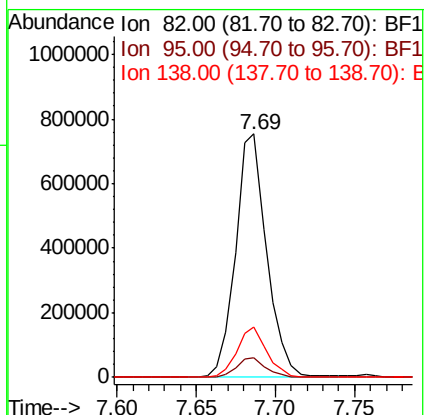
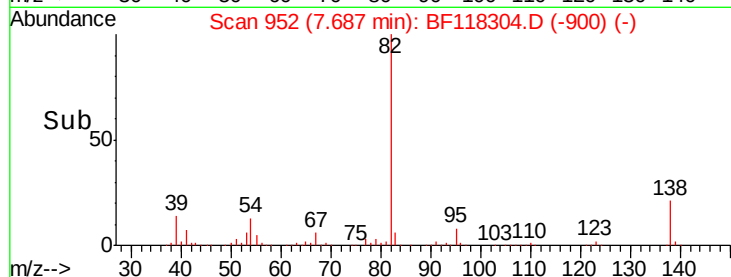
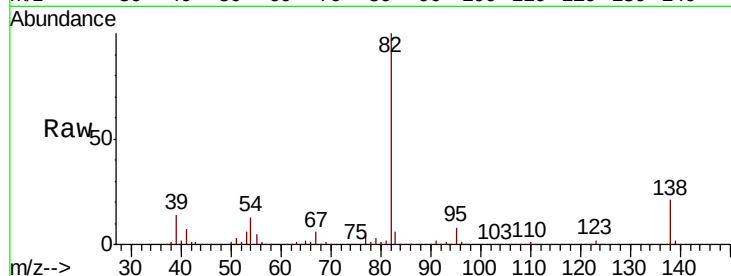
Tot Ion: 82 Resp: 1024429

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

138 20.7 16.2 24.2



#26

2-Nitrophenol

Concen: 58.767 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

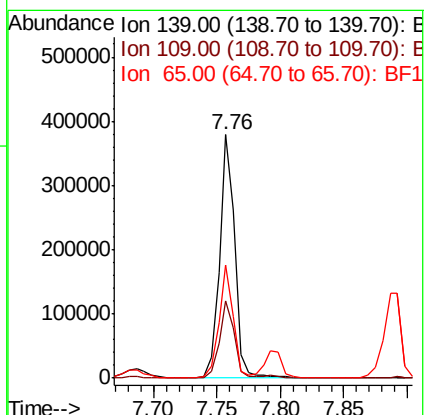
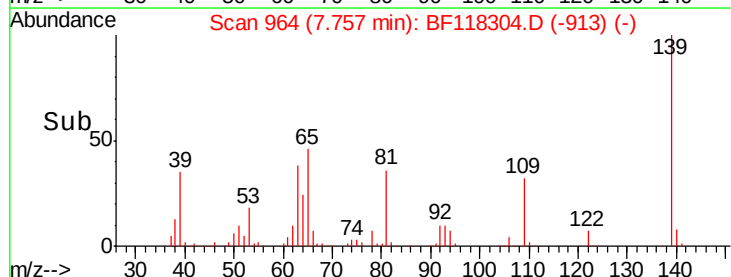
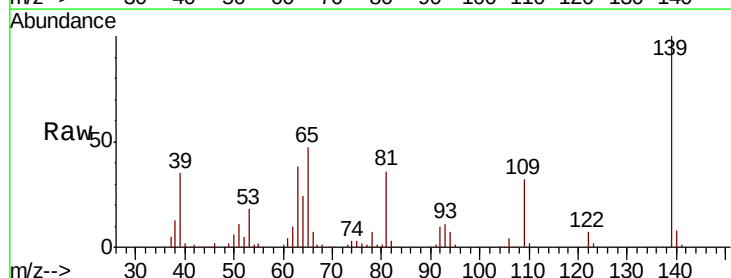
Tgt Ion: 139 Resp: 319987

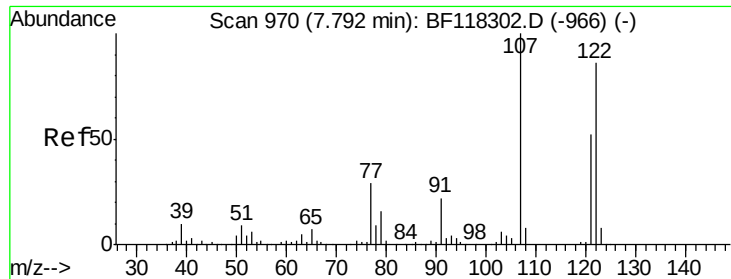
Ion Ratio Lower Upper

139 100

109 31.6 24.1 36.1

65 46.5 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 59.298 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

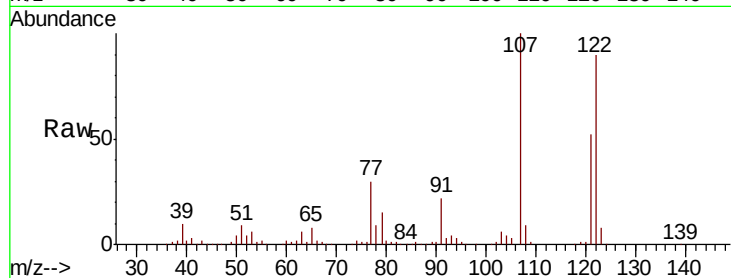
Tot Ion:122 Resp: 430688

Ion Ratio Lower Upper

122 100

107 111.5 92.9 139.3

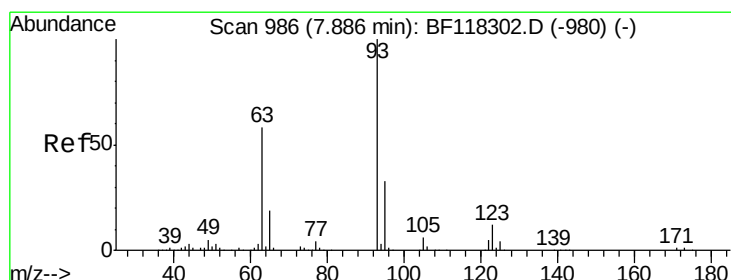
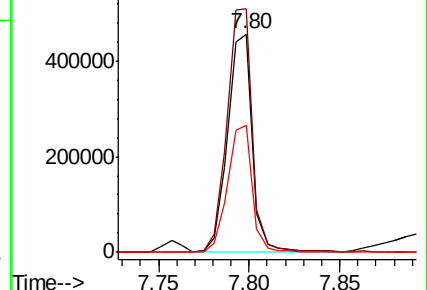
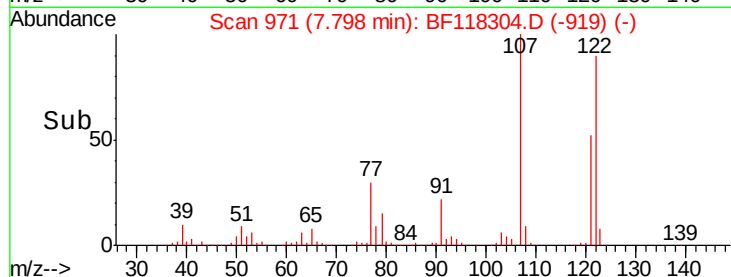
121 58.5 47.9 71.9



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: 57.638 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

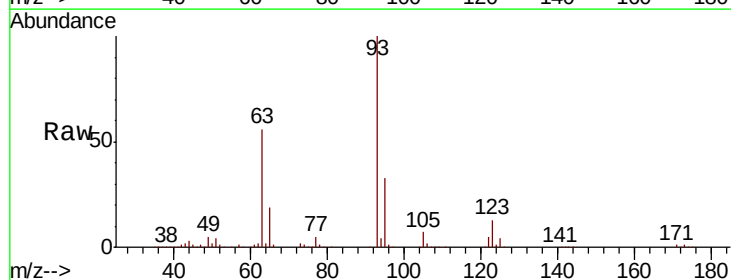
Tgt Ion: 93 Resp: 662019

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

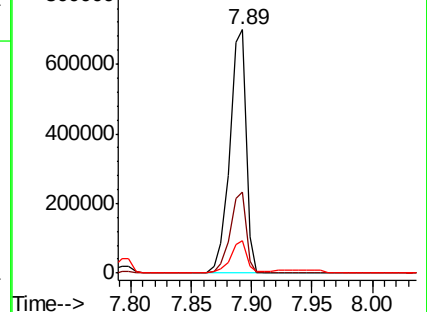
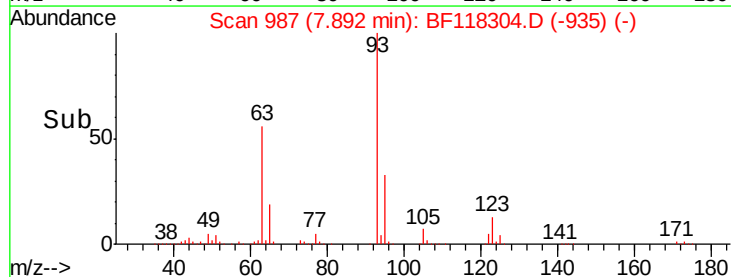
123 13.3 9.8 14.8

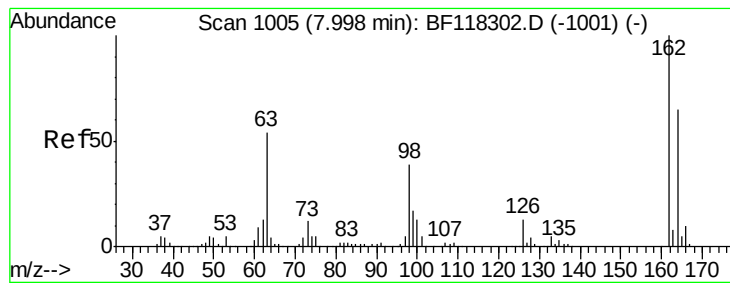


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 57.407 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

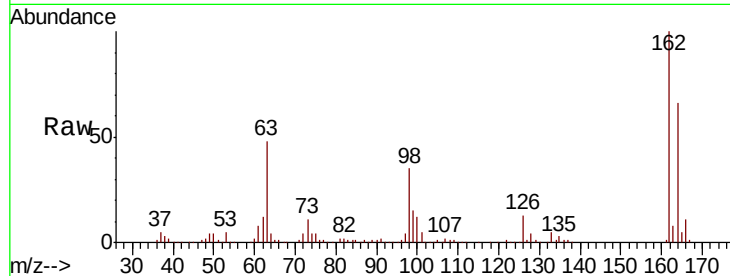
Tot Ion:162 Resp: 486075

Ion Ratio Lower Upper

162 100

164 65.6 45.1 85.1

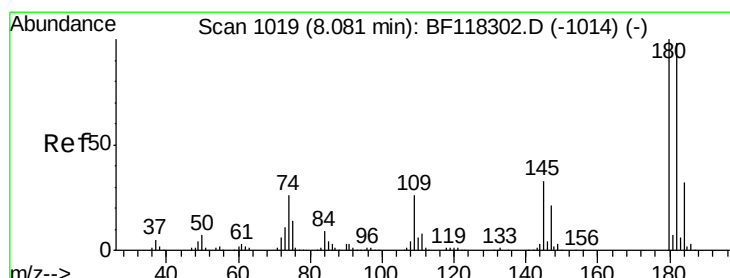
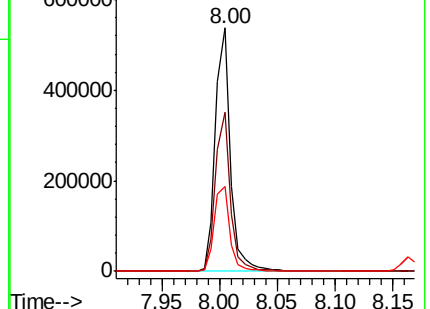
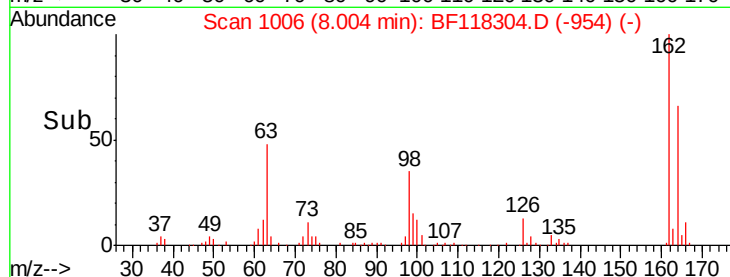
98 35.1 18.6 58.6



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: 57.837 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

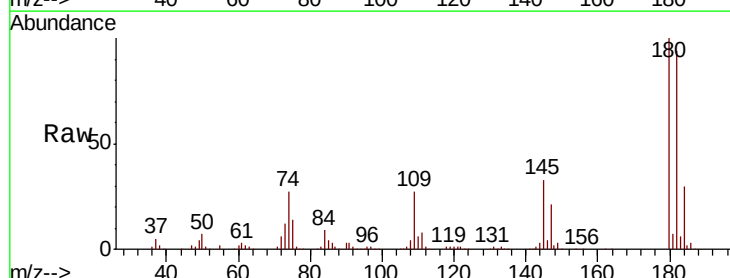
Tgt Ion:180 Resp: 572306

Ion Ratio Lower Upper

180 100

182 94.4 78.3 117.5

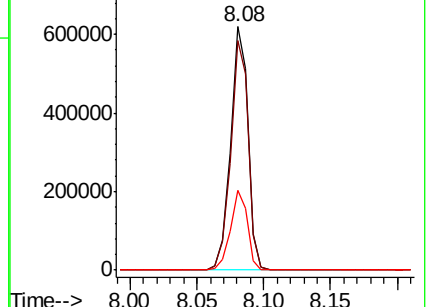
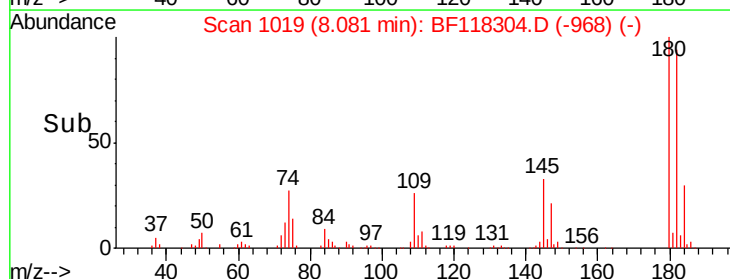
145 32.9 26.7 40.1

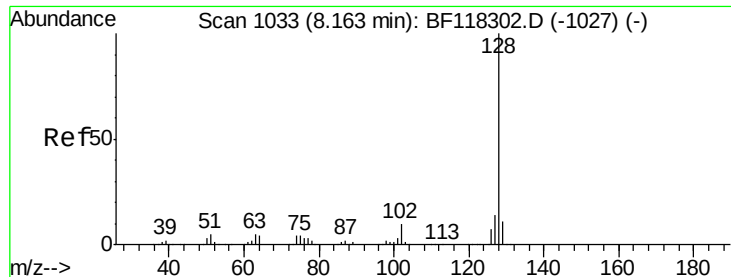


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

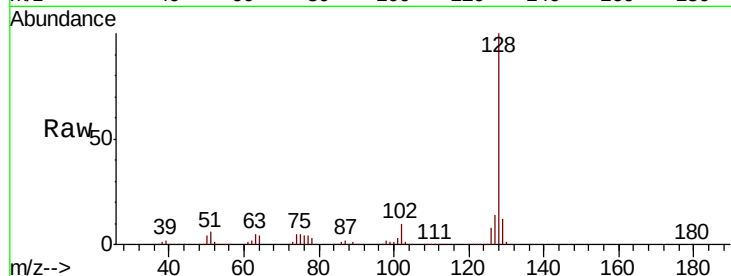




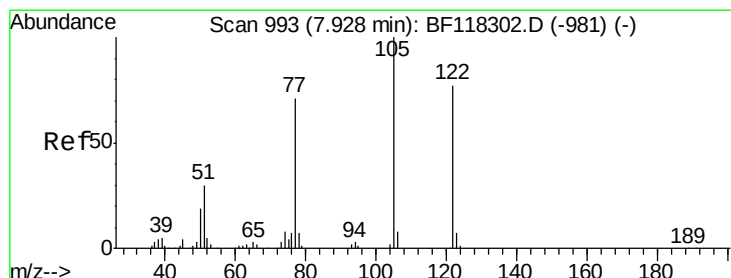
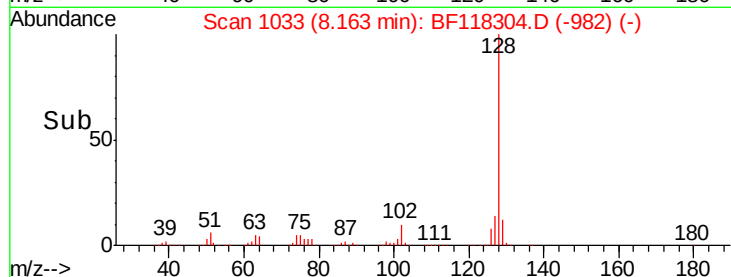
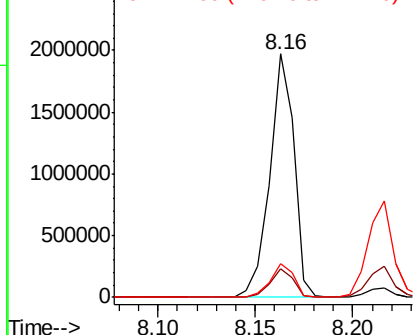
#31
Naphthalene
Concen: 57.964 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 1698129
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 14.0 11.0 16.4

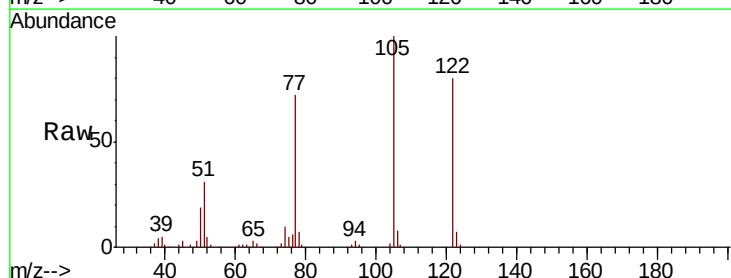


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

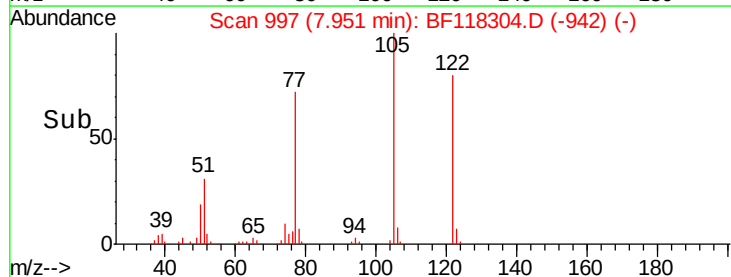
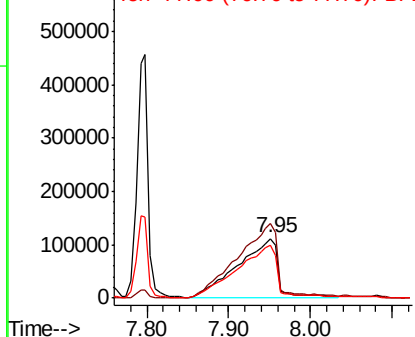


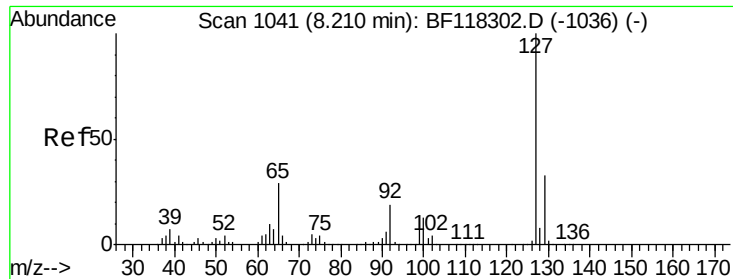
#32
Benzoic acid
Concen: 57.190 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:122 Resp: 375041
Ion Ratio Lower Upper
122 100
105 124.6 106.8 146.8
77 89.9 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

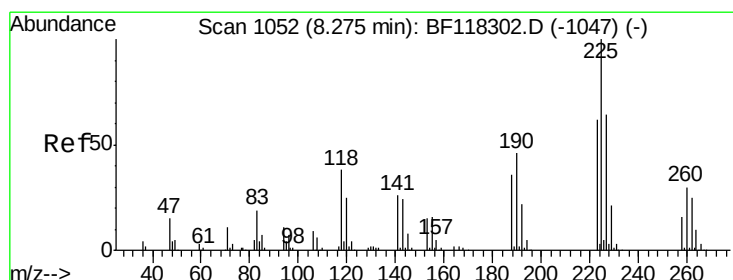
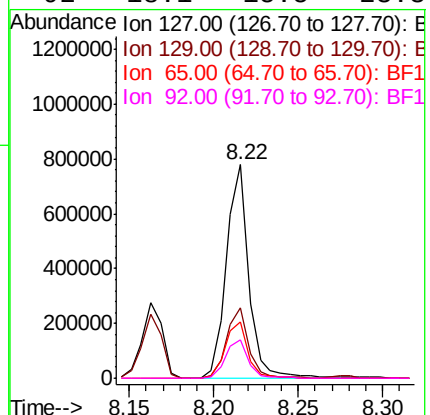
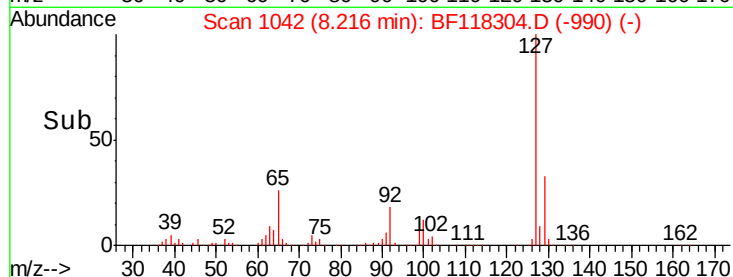
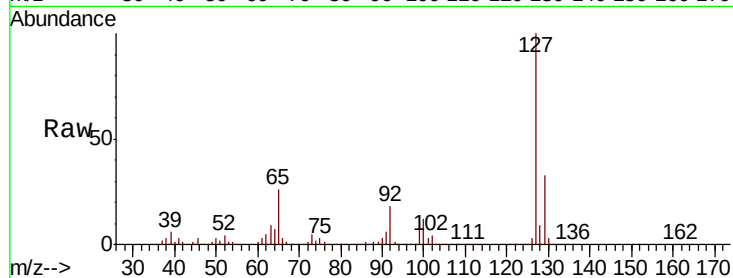




#33
4-Chloroaniline
Concen: 56.743 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

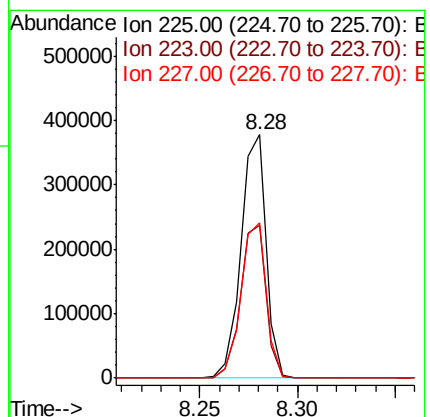
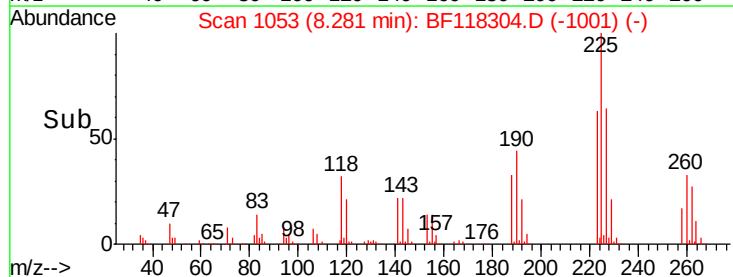
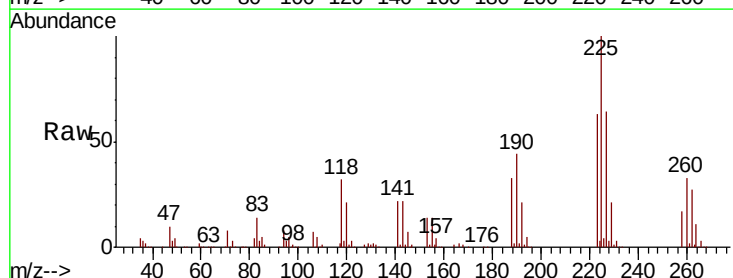
Instrument :
BNA_E
ClientSampled :

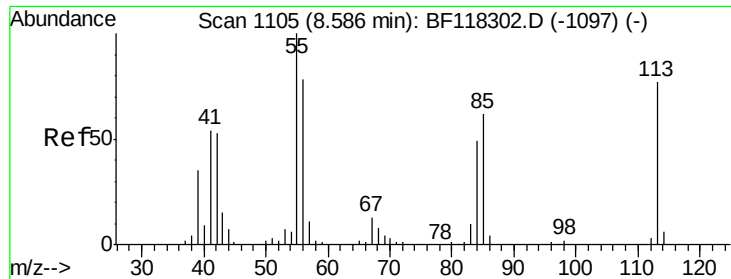
Tot Ion:	127	Resp:	717783
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	26.4	22.8	34.2
92	18.1	15.5	23.3



#34
Hexachlorobutadiene
Concen: 56.750 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:	225	Resp:	336730
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.5	74.3
227	64.0	51.0	76.4

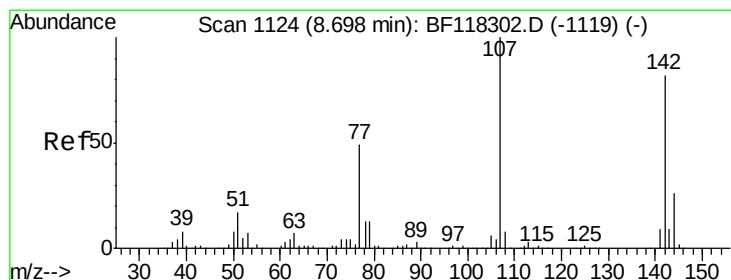
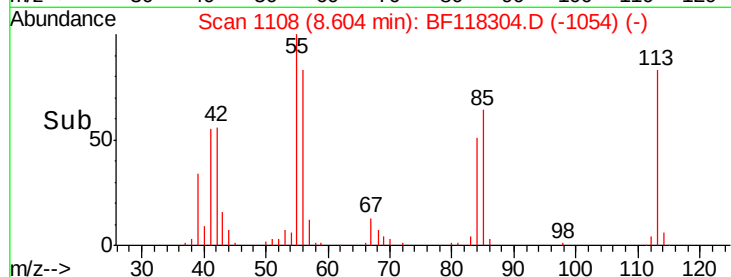
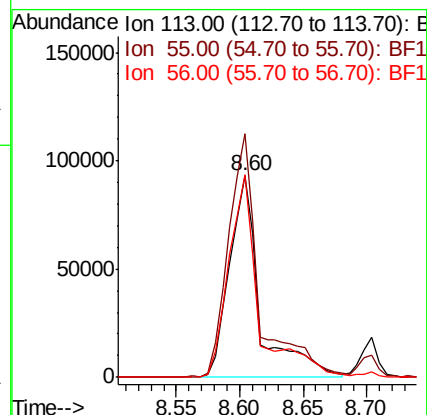
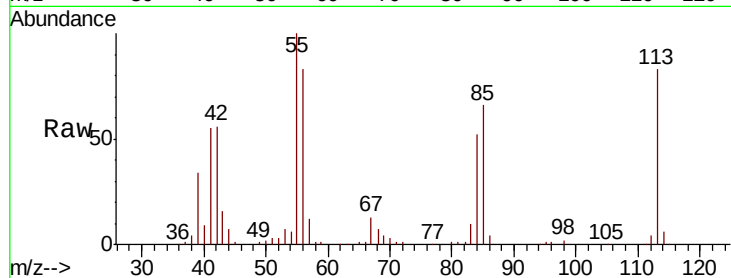




#35
Caprolactam
Concen: 59.539 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

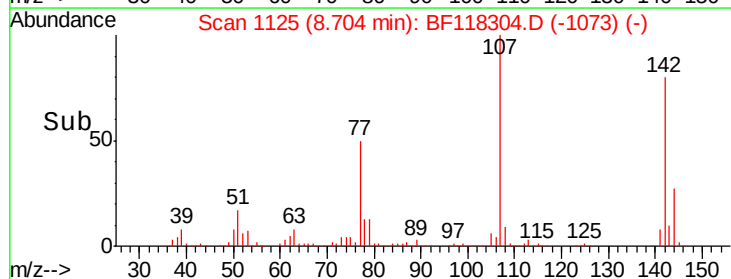
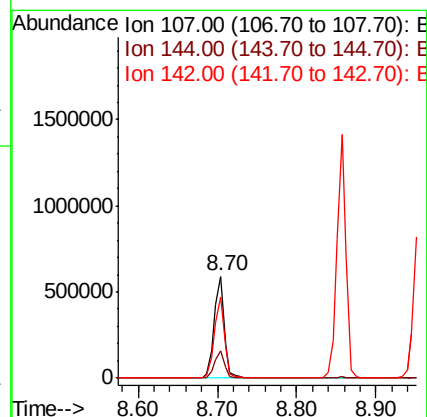
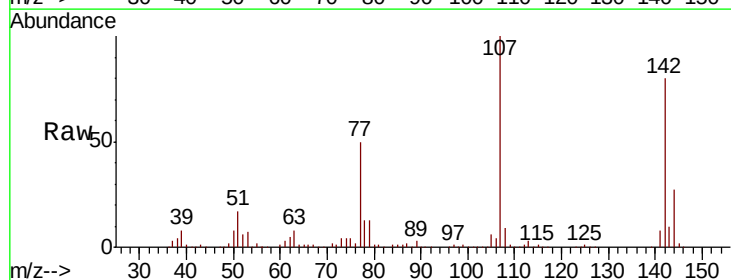
Instrument :
BNA_E
ClientSampleID :

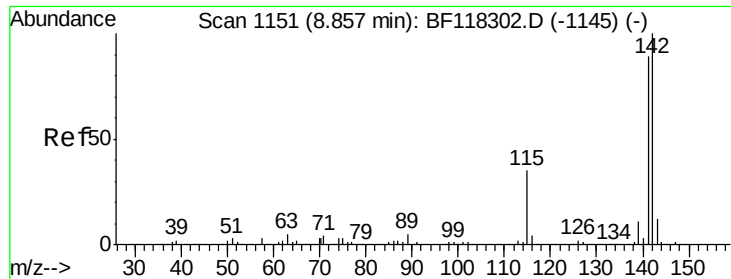
Tot Ion:113 Resp: 155464
Ion Ratio Lower Upper
113 100
55 120.5 109.8 149.8
56 100.3 81.7 121.7



#36
4-Chloro-3-methylphenol
Concen: 58.796 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:107 Resp: 523892
Ion Ratio Lower Upper
107 100
144 26.6 21.2 31.8
142 79.6 65.4 98.2

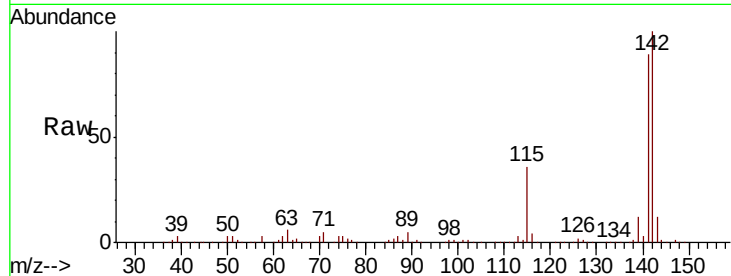




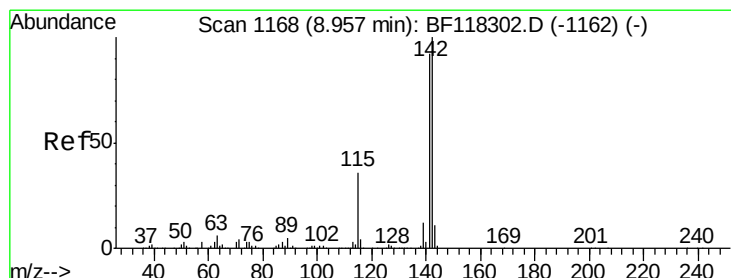
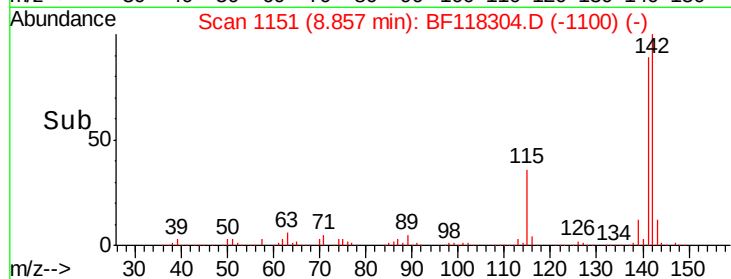
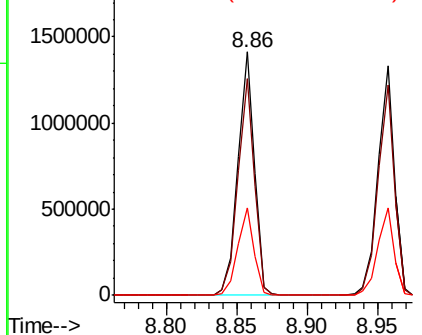
#37
2-Methylnaphthalene
Concen: 58.001 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:142 Resp: 1150376
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8
115 36.1 28.0 42.0

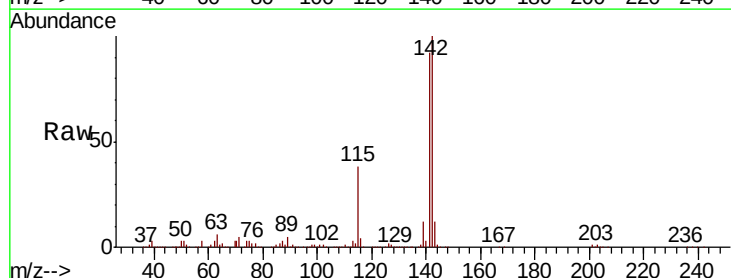


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

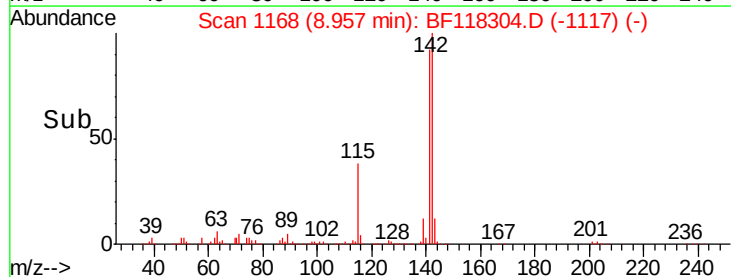
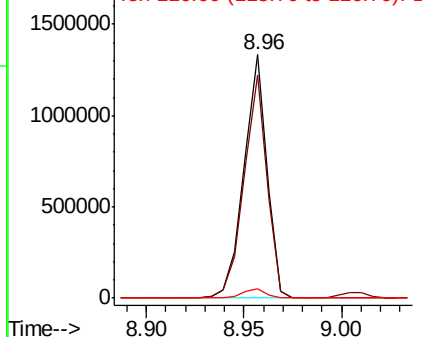


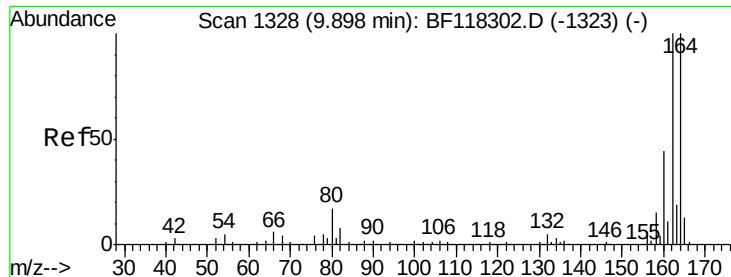
#38
1-Methylnaphthalene
Concen: 58.282 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:142 Resp: 1085378
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2
116 3.8 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

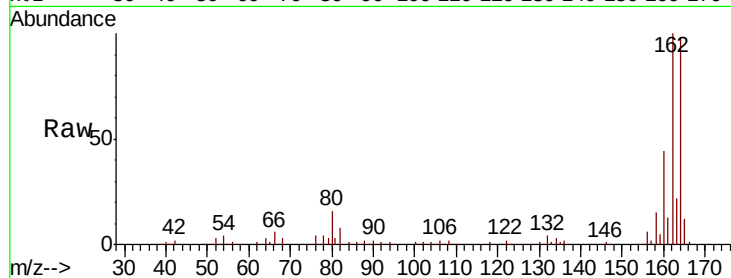




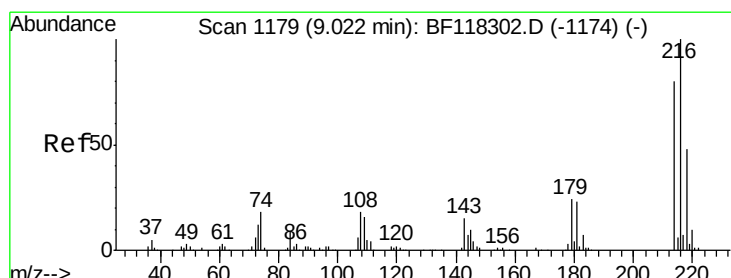
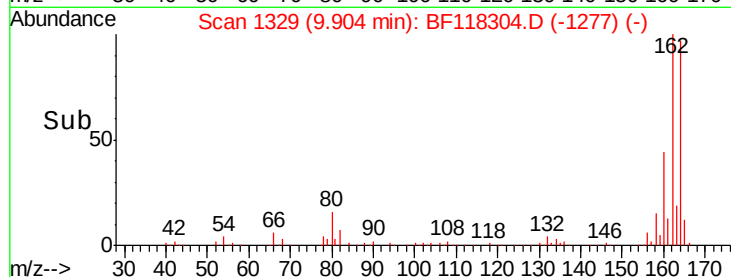
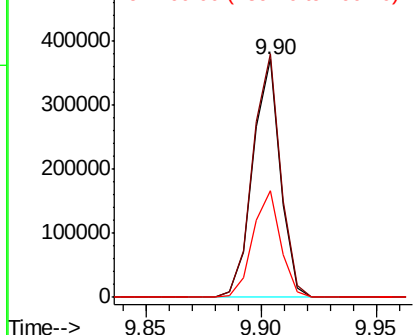
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 310608
Ion Ratio Lower Upper
164 100
162 102.3 80.0 120.0
160 44.8 34.8 52.2

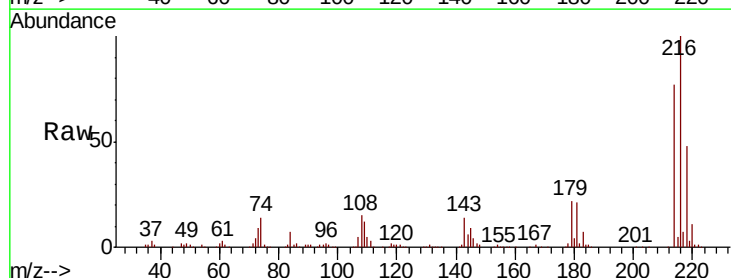


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

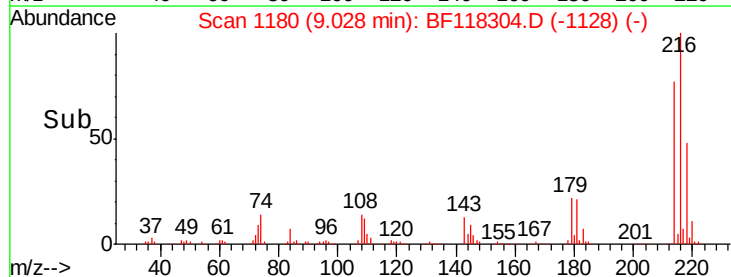
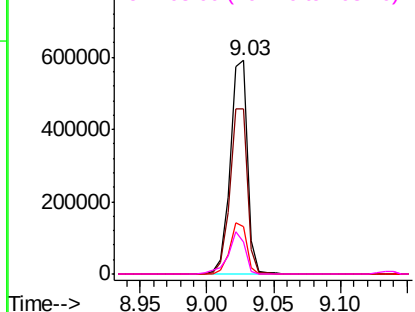


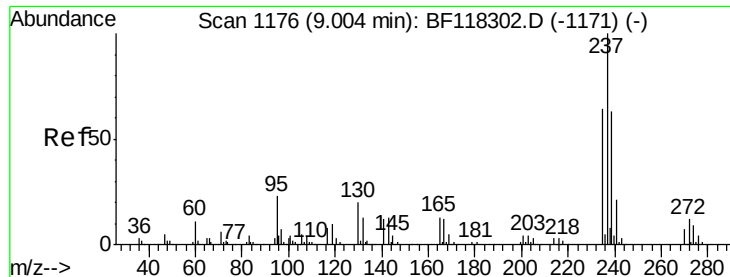
#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.515 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:216 Resp: 541188
Ion Ratio Lower Upper
216 100
214 78.3 63.3 94.9
179 23.4 18.9 28.3
108 19.4 15.0 22.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

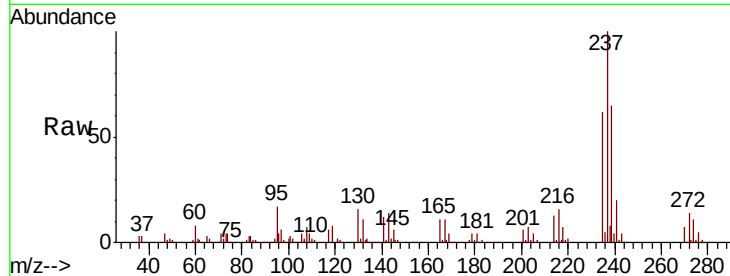




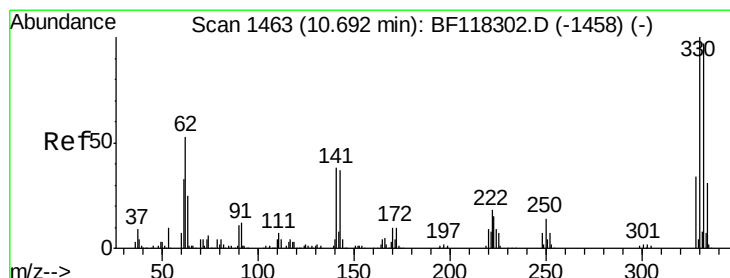
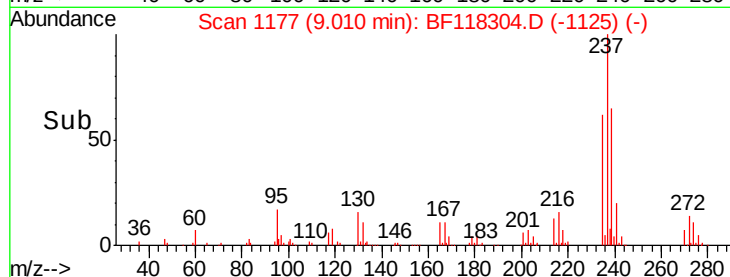
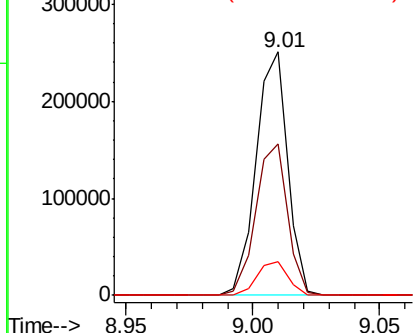
#41
Hexachlorocyclopentadiene
Concen: 51.930 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:237 Resp: 218931
Ion Ratio Lower Upper
237 100
235 62.0 43.8 83.8
272 13.6 0.0 31.7

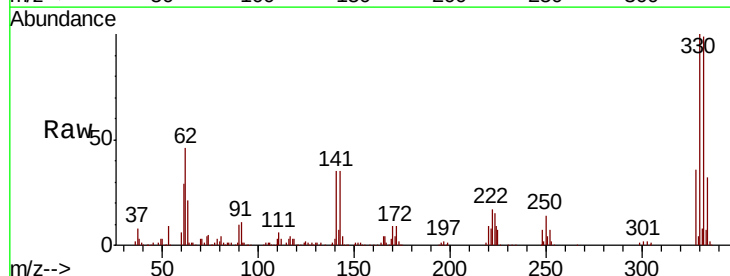


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

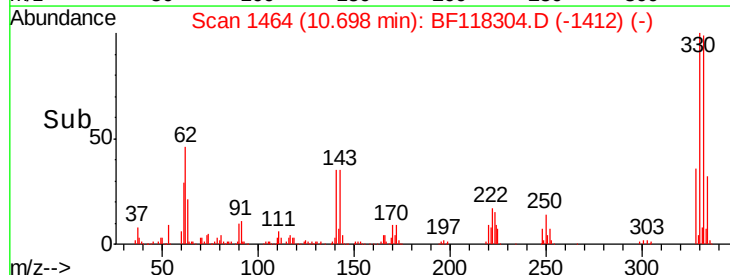
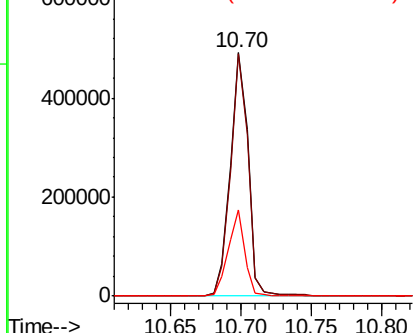


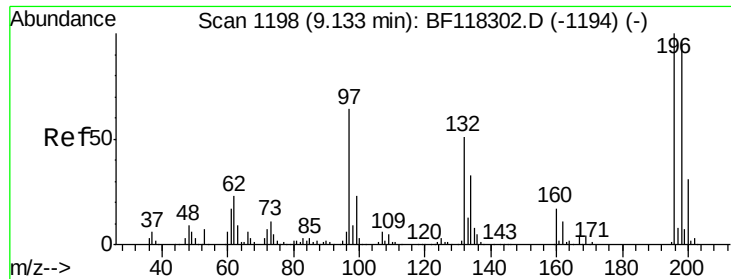
#42
2,4,6-Tribromophenol
Concen: 115.462 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:330 Resp: 435675
Ion Ratio Lower Upper
330 100
332 98.0 76.6 114.8
141 32.9 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

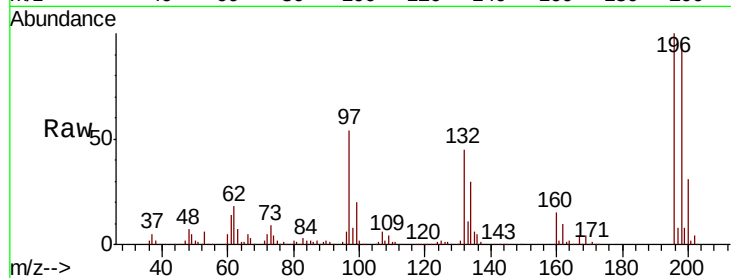




#43
 2,4,6-Trichlorophenol
 Concen: 58.037 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.7	115.1
200	31.2	24.8	37.2

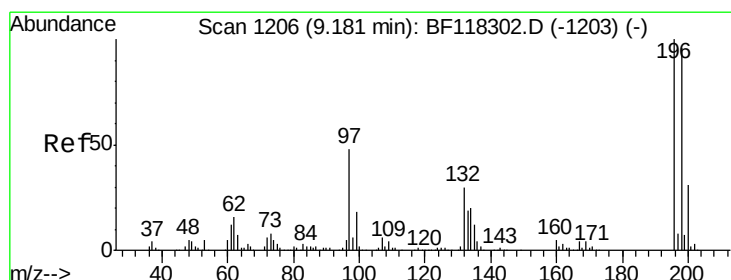
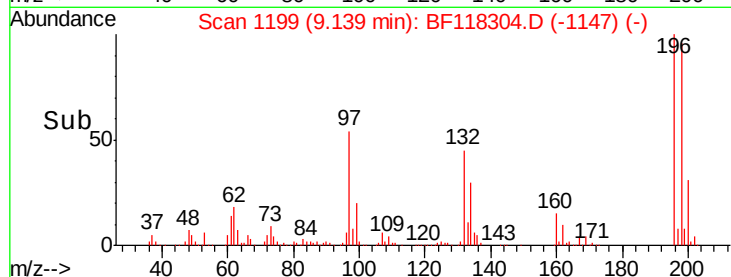
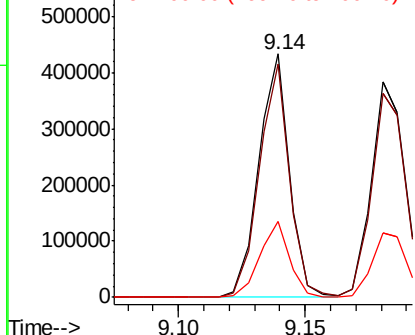


Abundance

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: 57.655 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.0	115.4
97	53.3	38.9	58.3
132	31.8	23.9	35.9

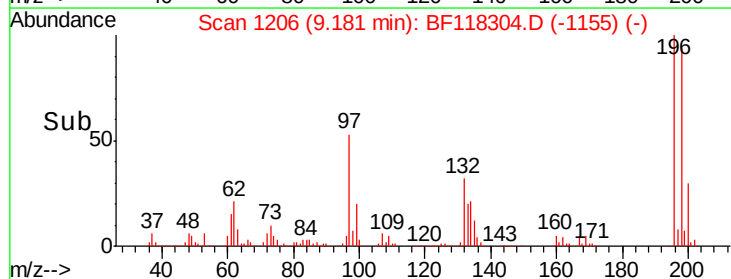
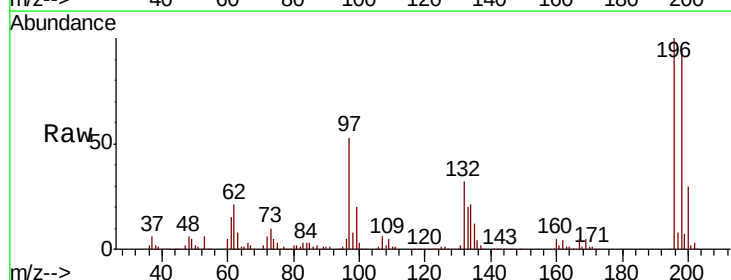
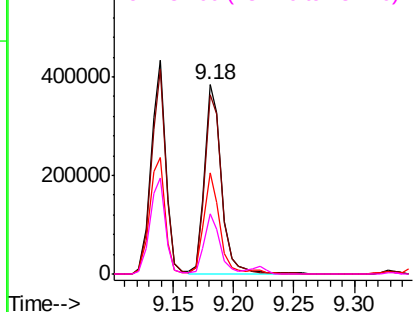
Abundance

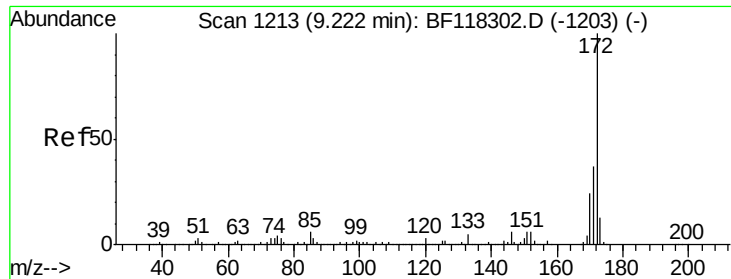
Ion 196.00 (195.70 to 196.70): E

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

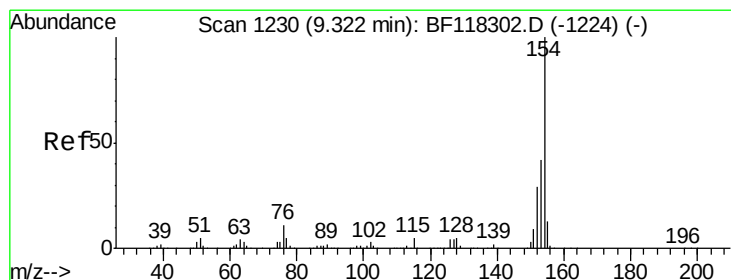
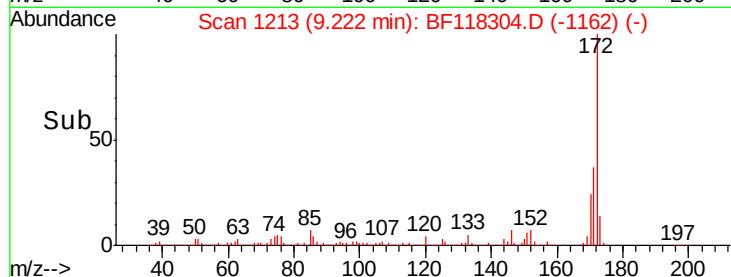
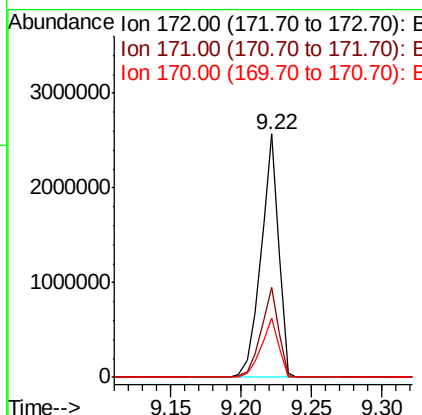
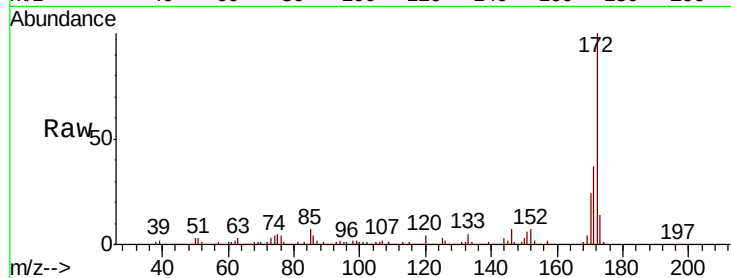




#45
2-Fluorobiphenyl
Concen: 111.704 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

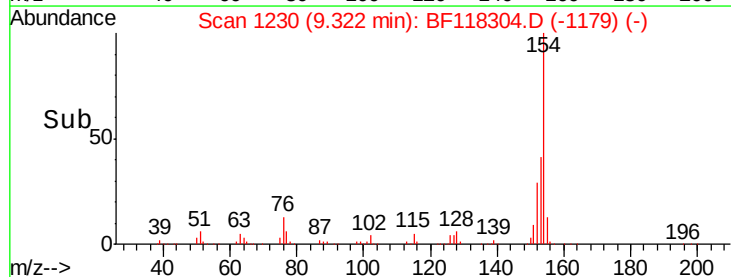
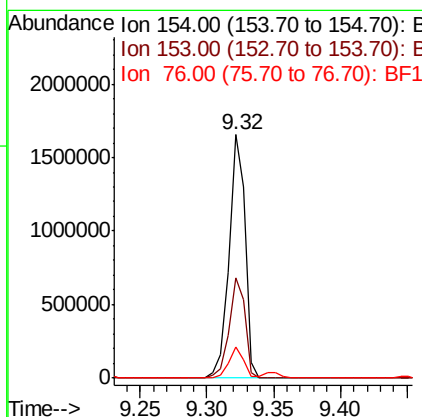
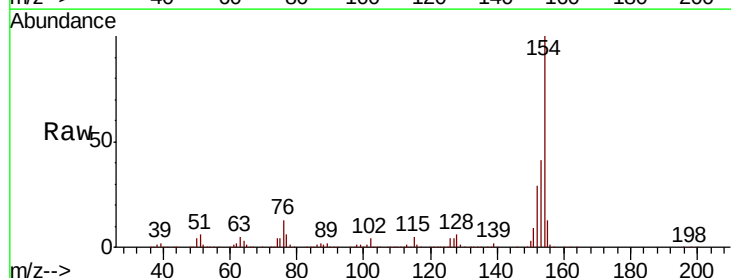
Instrument :
BNA_E
ClientSampleId :

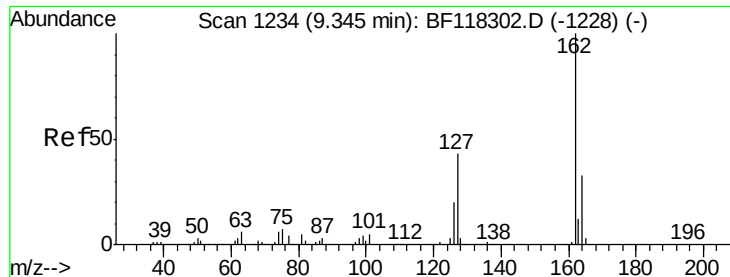
Tot Ion:172 Resp: 2280177
Ion Ratio Lower Upper
172 100
171 36.9 29.3 43.9
170 24.3 19.2 28.8



#46
1,1'-Biphenyl
Concen: 57.590 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:154 Resp: 1410796
Ion Ratio Lower Upper
154 100
153 41.1 21.8 61.8
76 12.8 0.0 30.9

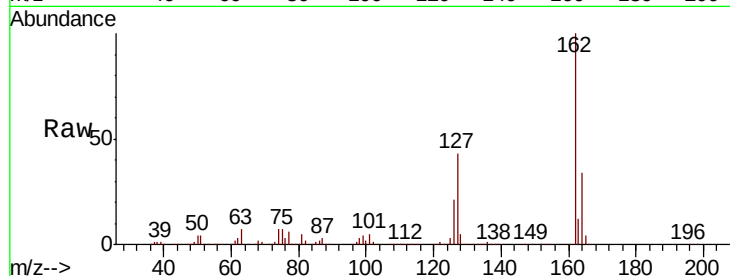




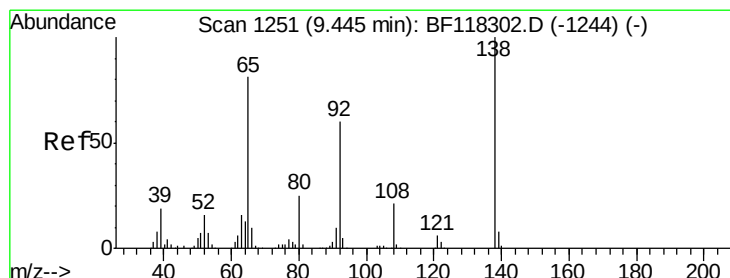
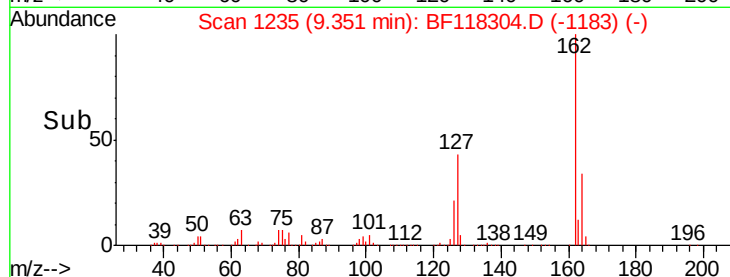
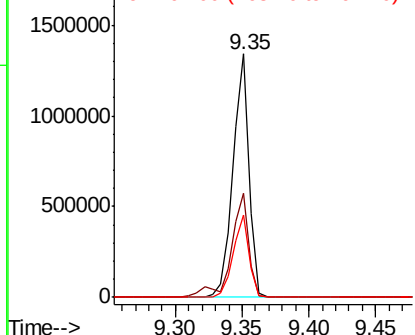
#47
 2-Chloronaphthalene
 Concen: 57.699 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:162 Resp: 1137014
 Ion Ratio Lower Upper
 162 100
 127 42.5 35.0 52.4
 164 33.8 26.6 40.0

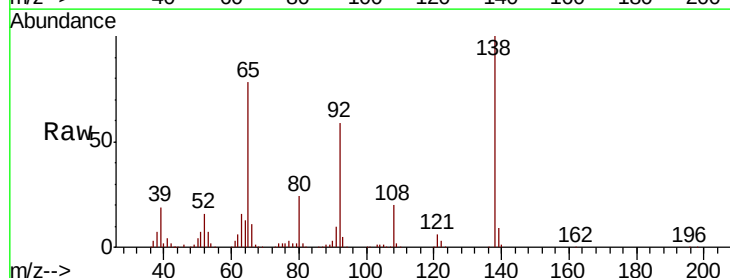


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

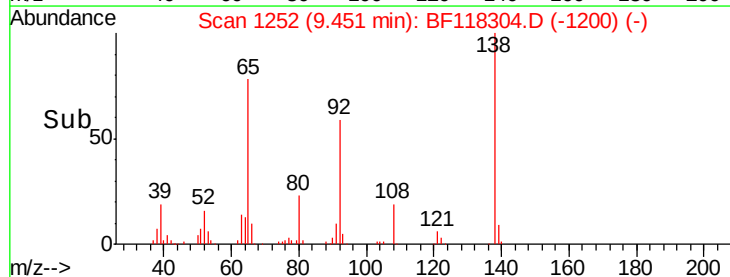
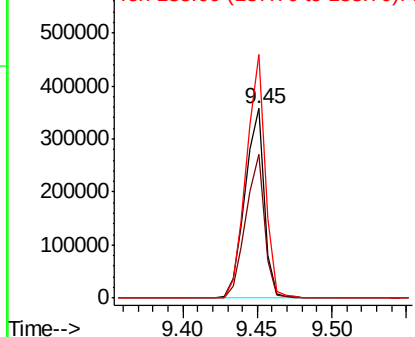


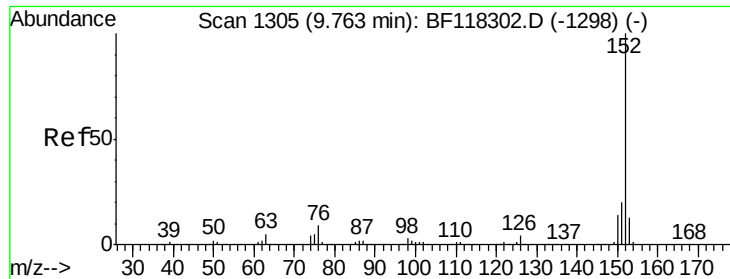
#48
 2-Nitroaniline
 Concen: 57.421 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Tgt Ion: 65 Resp: 322684
 Ion Ratio Lower Upper
 65 100
 92 76.0 58.7 88.1
 138 128.4 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: 57.310 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

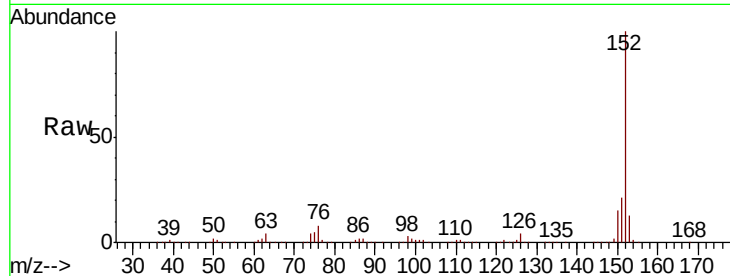
Instrument :

BNA_E

ClientSampled :

Tot Ion:152 Resp: 1665687

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	13.4	10.5	15.7

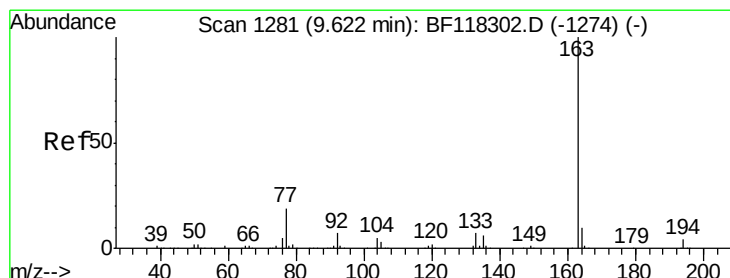
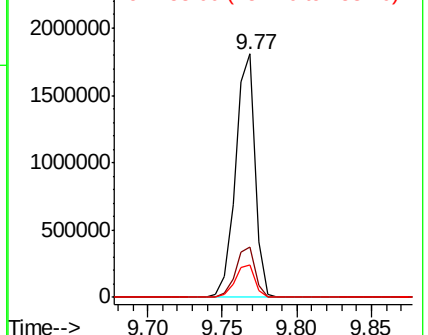
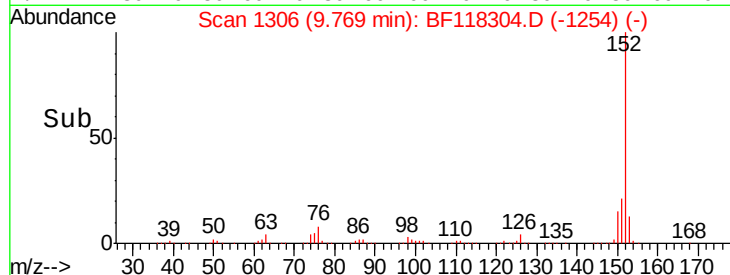


Abundance

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: 58.006 ng

RT: 9.63 min Scan# 1282

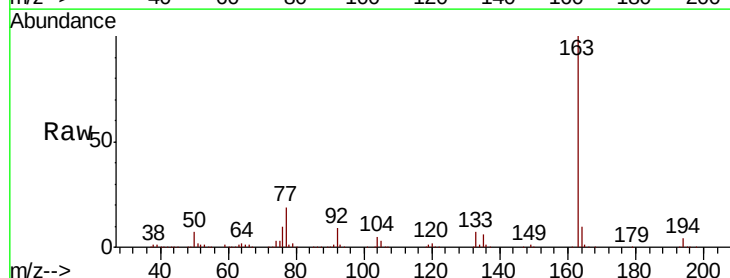
Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Tgt Ion:163 Resp: 1330821

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	7.9	11.9

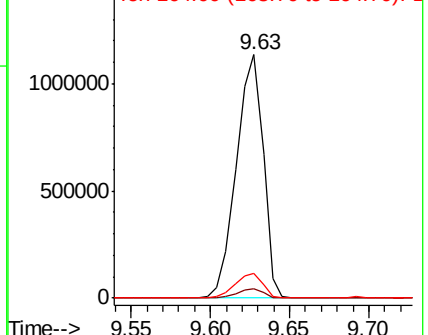
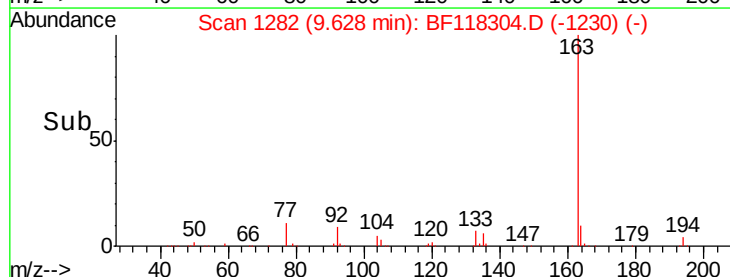


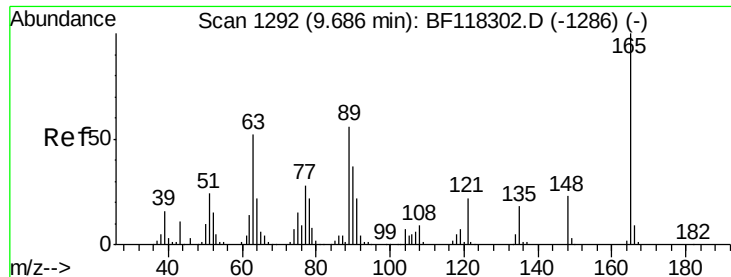
Abundance

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: 57.227 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

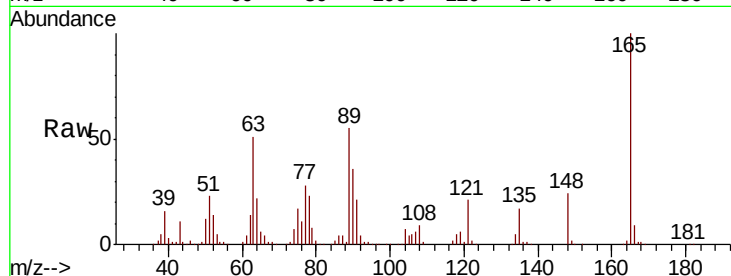
Tot Ion:165 Resp: 285491

Ion Ratio Lower Upper

165 100

63 50.6 42.2 63.4

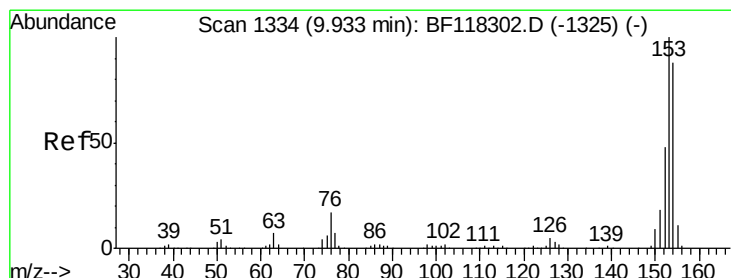
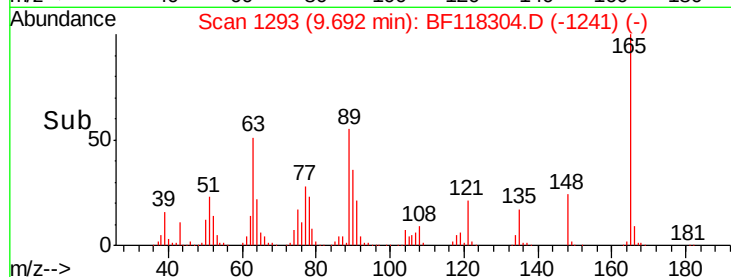
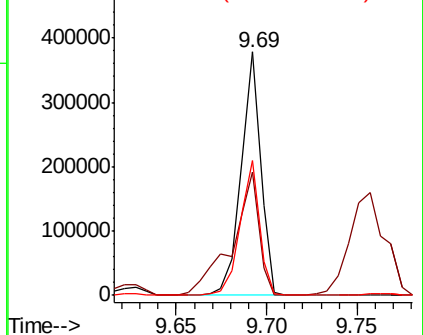
89 55.2 44.4 66.6



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: 57.507 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

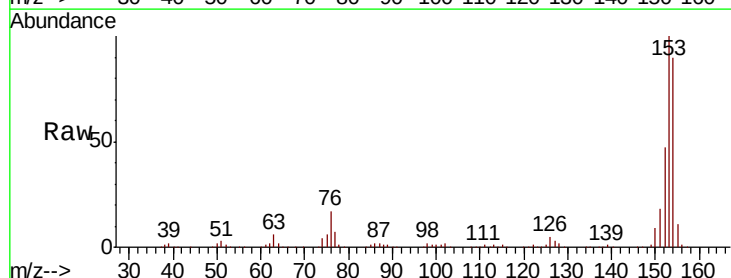
Tgt Ion:154 Resp: 1020189

Ion Ratio Lower Upper

154 100

153 111.0 90.6 136.0

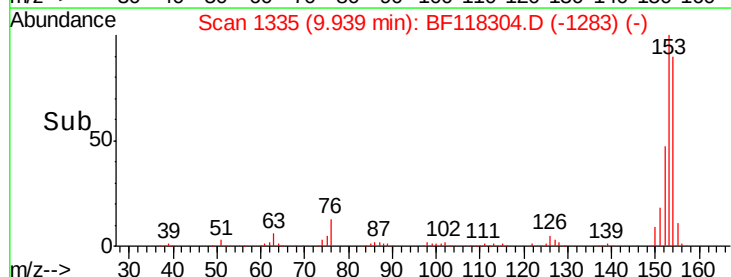
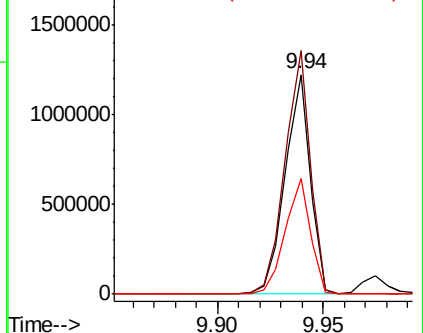
152 52.7 43.1 64.7

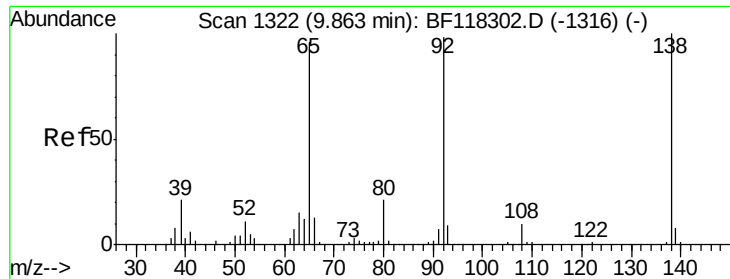


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

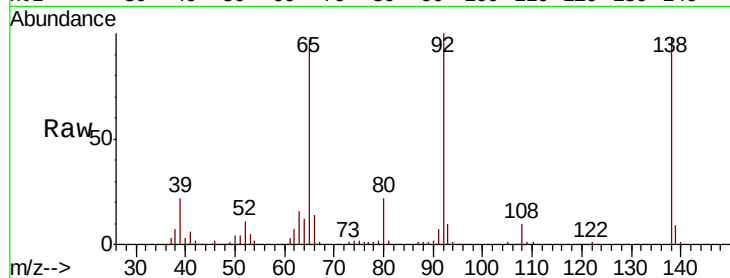




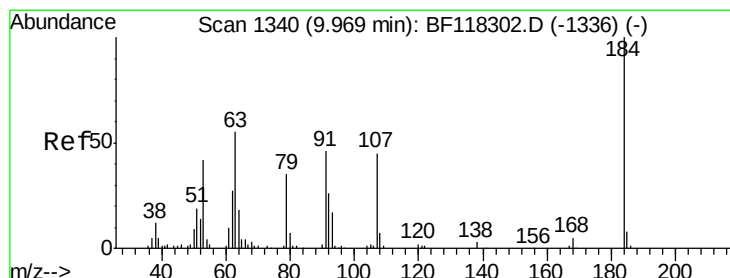
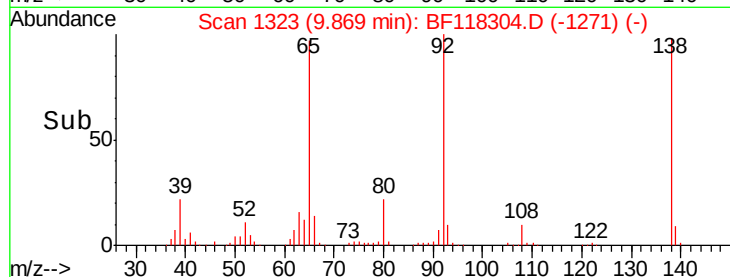
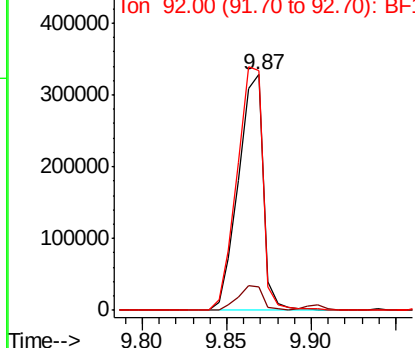
#53
3-Nitroaniline
Concen: 57.748 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:138 Resp: 339040
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.8
92 101.7 78.2 117.2

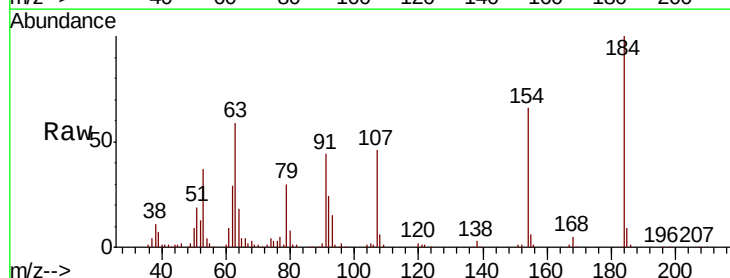


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

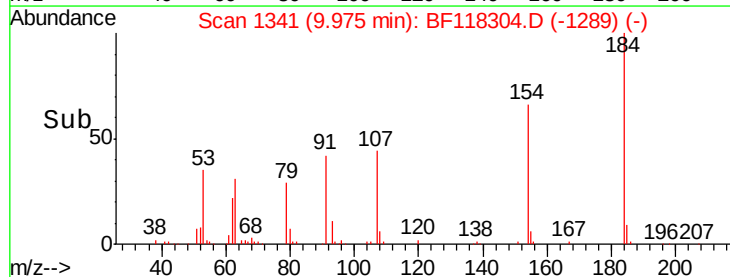
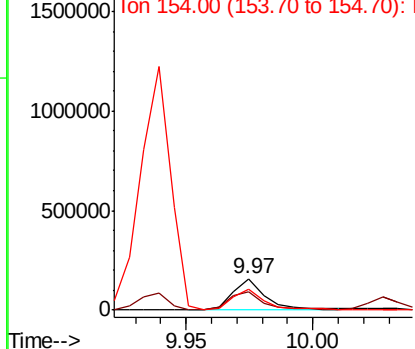


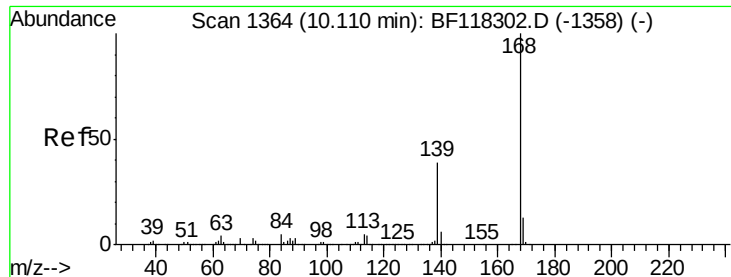
#54
2,4-Dinitrophenol
Concen: 56.926 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:184 Resp: 141290
Ion Ratio Lower Upper
184 100
63 59.1 48.8 73.2
154 65.9 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

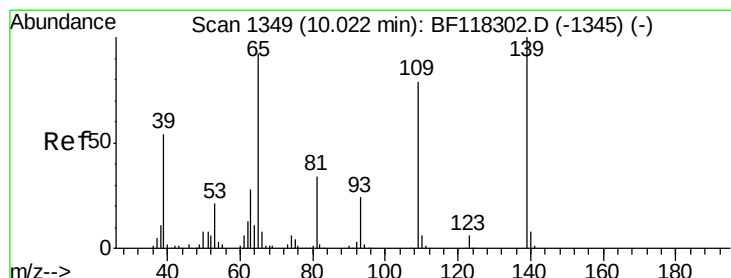
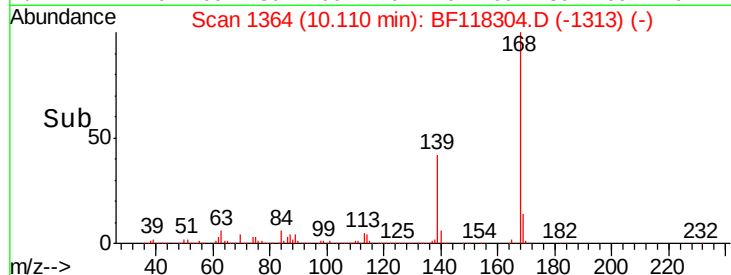
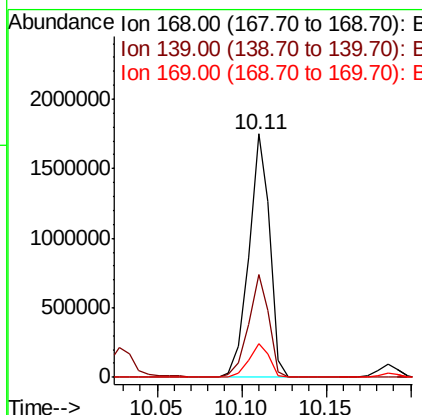
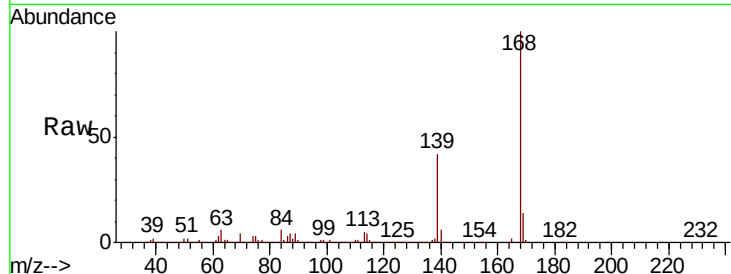




#55
Dibenzofuran
Concen: 57.971 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

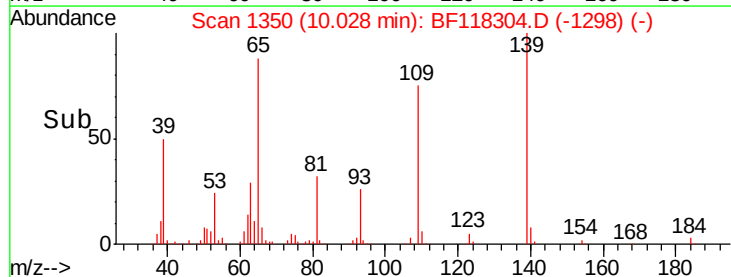
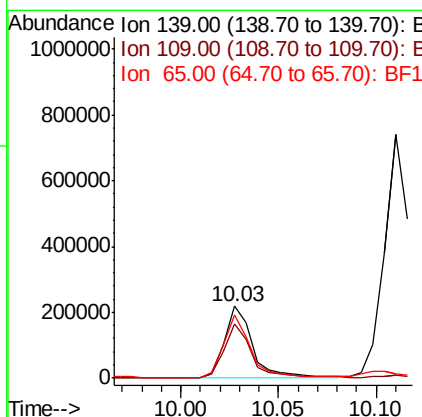
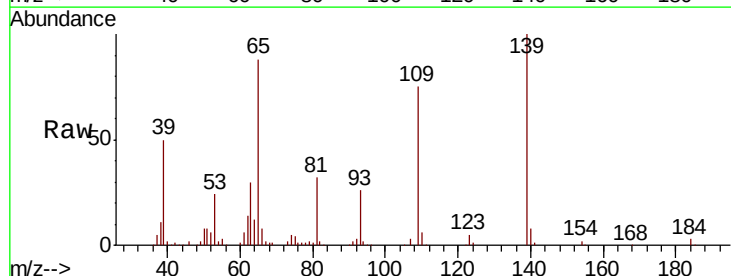
Instrument :
BNA_E
ClientSampleId :

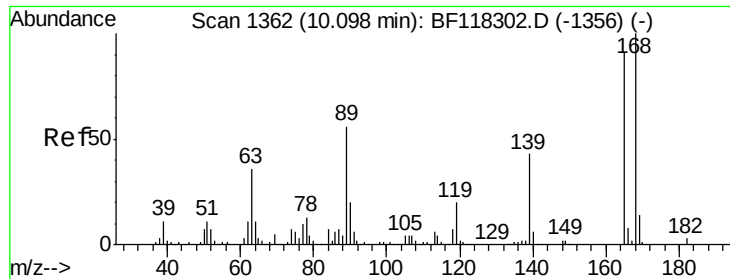
Tot Ion:168 Resp: 1506917
Ion Ratio Lower Upper
168 100
139 42.3 31.5 47.3
169 13.8 10.4 15.6



#56
4-Nitrophenol
Concen: 54.362 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:139 Resp: 221493
Ion Ratio Lower Upper
139 100
109 75.1 59.3 99.3
65 88.5 72.4 112.4

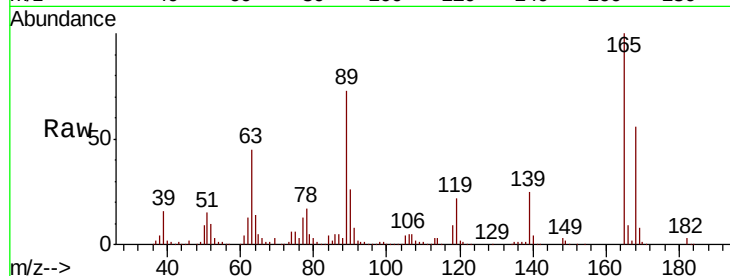




#57
2,4-Dinitrotoluene
Concen: 59.163 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.9	32.0	48.0
89	72.7	49.3	73.9
182	2.9	2.4	3.6



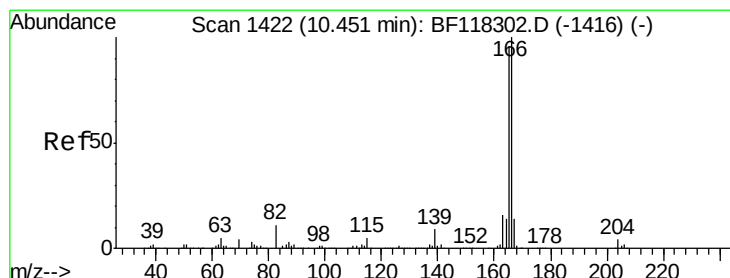
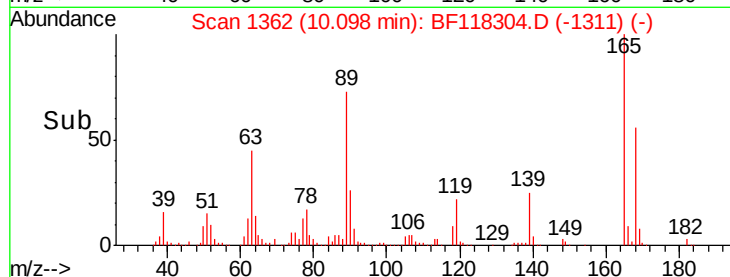
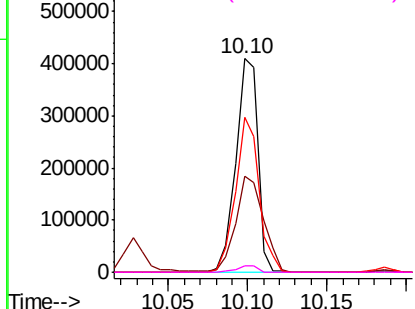
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

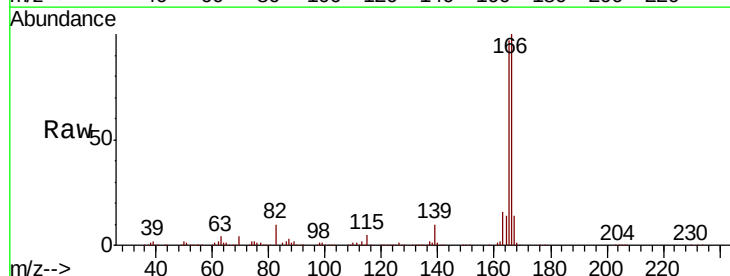
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 57.703 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.0	115.4
167	13.7	10.9	16.3

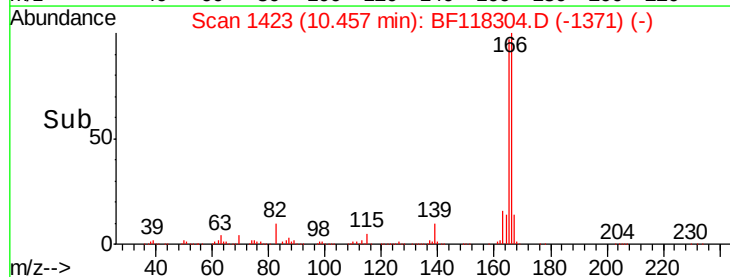
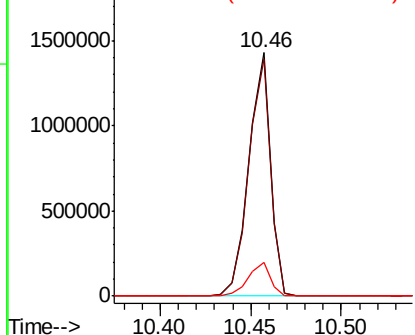


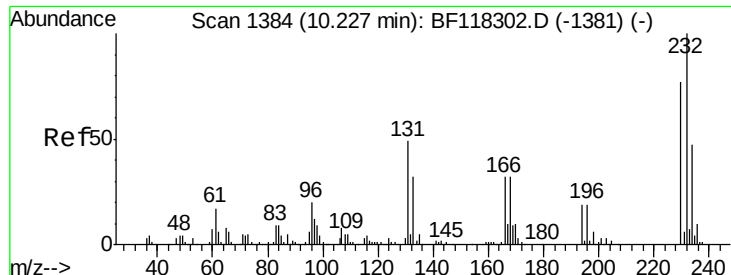
Abundance

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: 59.111 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion:232 Resp: 317424

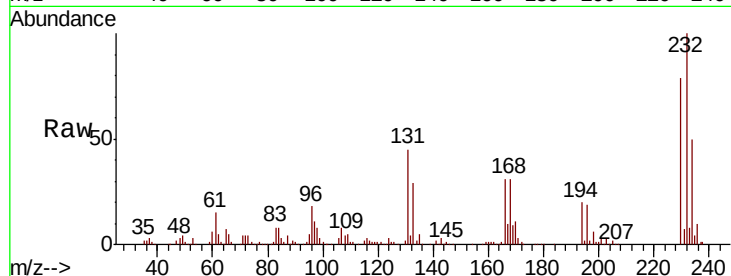
Ion Ratio Lower Upper

232 100

131 48.2 37.7 56.5

130 2.5 2.0 3.0

166 32.0 24.7 37.1

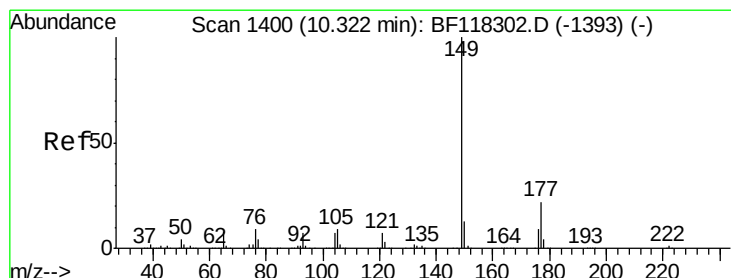
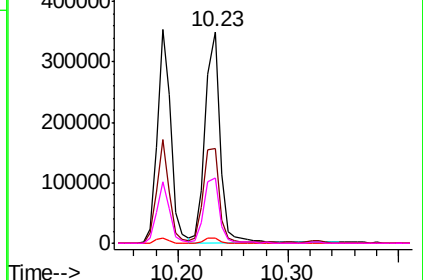
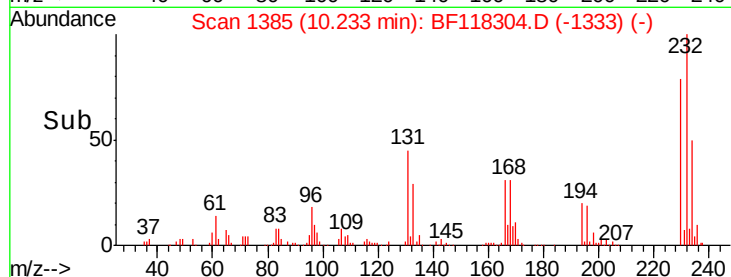


Abundance Ion 232.00 (231.70 to 232.70): E

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: 57.898 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

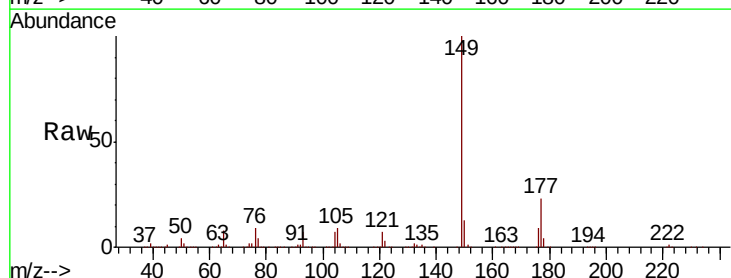
Tgt Ion:149 Resp: 1308764

Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

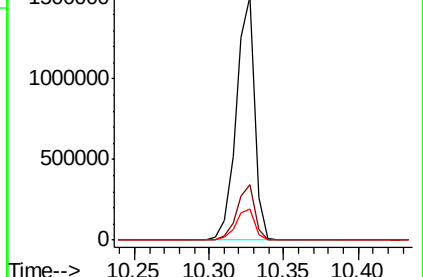
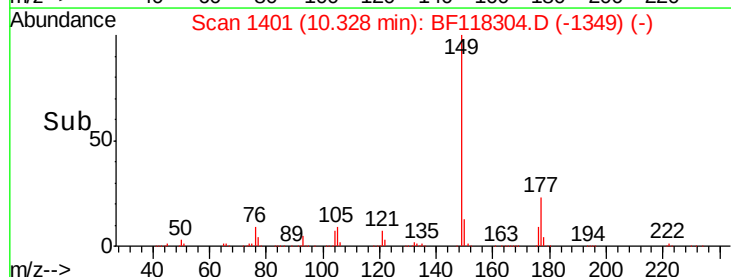
150 12.8 10.2 15.2

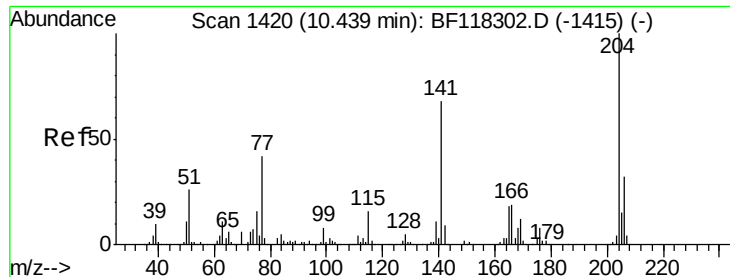


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

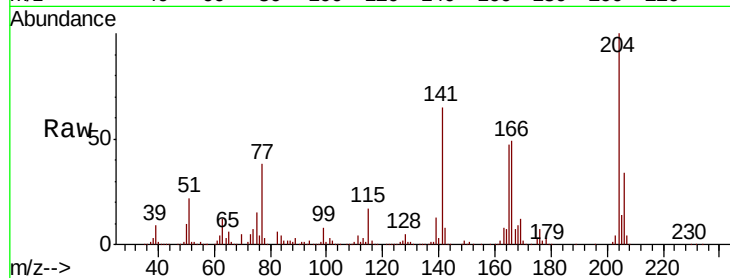




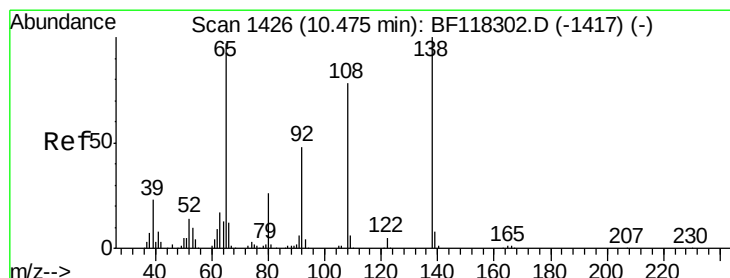
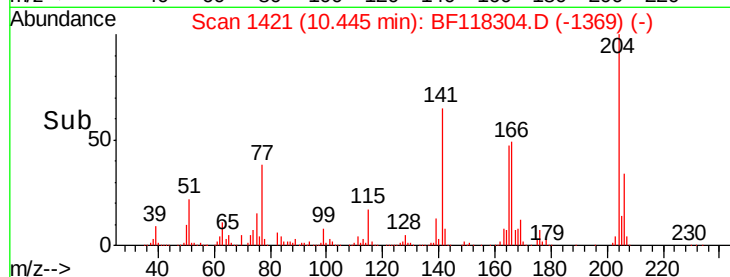
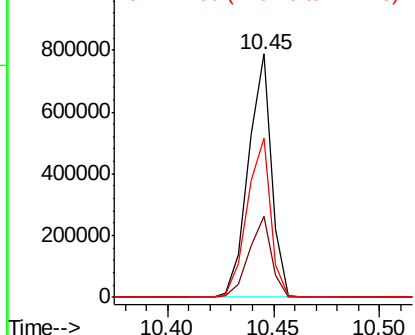
#61
4-Chlorophenyl-phenylether
Concen: 57.699 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:204 Resp: 599721
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.8
141 65.5 54.2 81.4

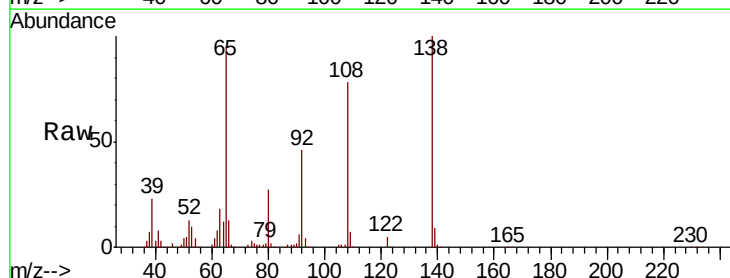


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

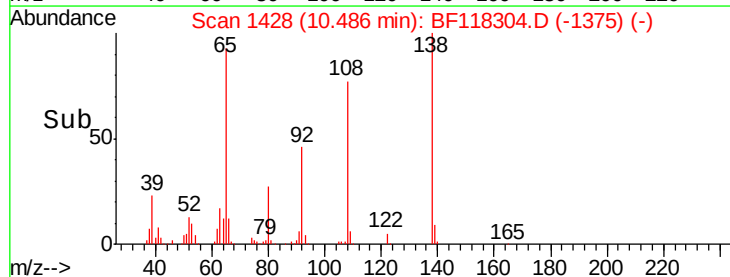
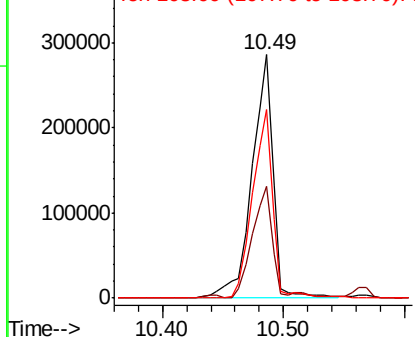


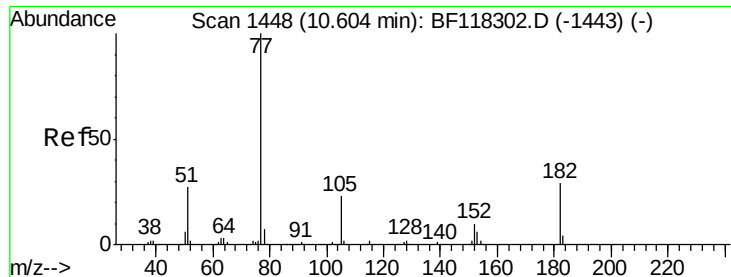
#62
4-Nitroaniline
Concen: 57.146 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:138 Resp: 349917
Ion Ratio Lower Upper
138 100
92 46.0 27.9 67.9
108 77.6 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: 58.285 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 77 Resp: 1124709

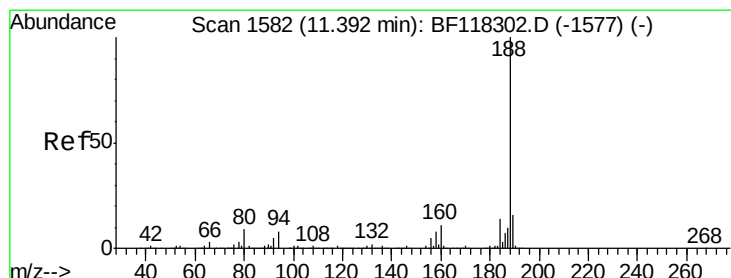
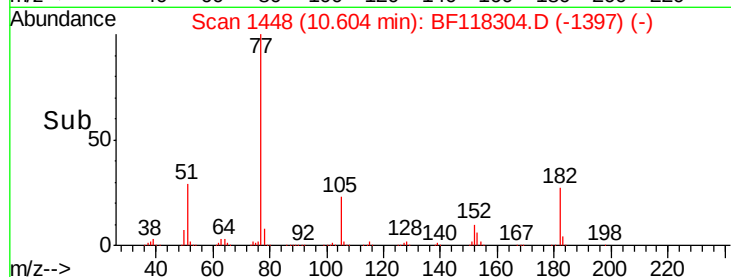
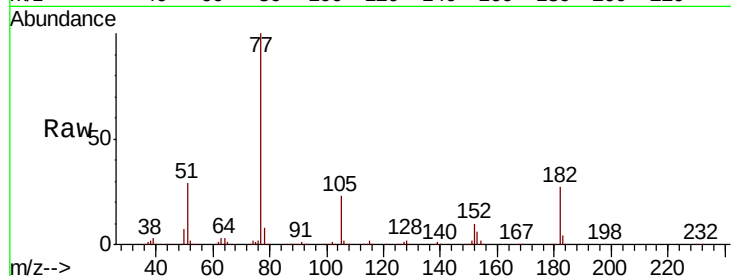
Ion	Ratio	Lower	Upper
77	100		
182	26.6	9.2	49.2
105	22.8	3.2	43.2
51	29.5	7.1	47.1

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: BF118304.D

Acq: 24 Dec 2019 12:52

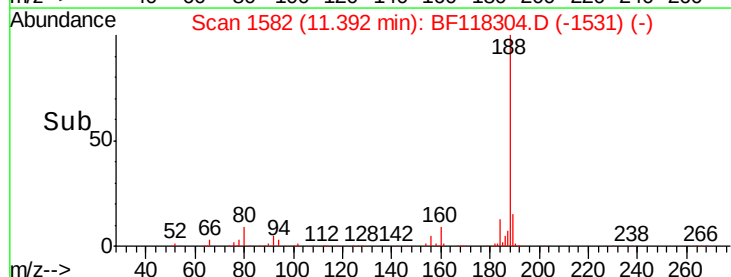
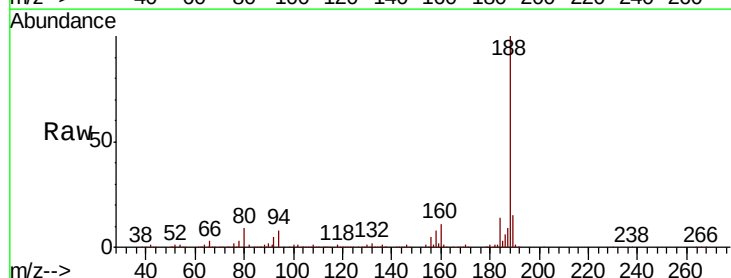
Tgt Ion: 188 Resp: 576623

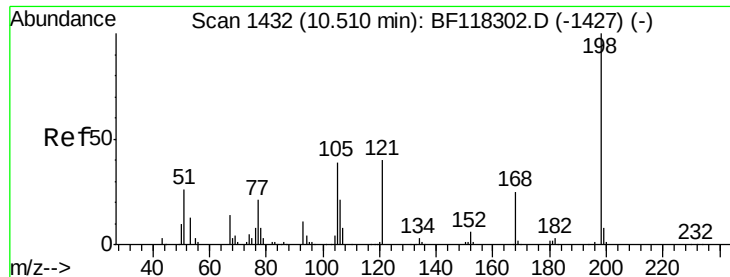
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.3	7.2	10.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 59.599 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

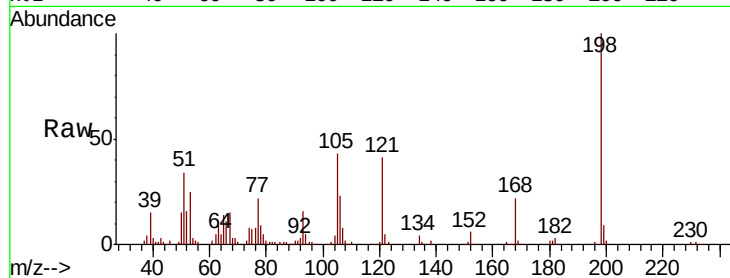
Instrument :

BNA_E

ClientSampleId :

Tot Ion:198 Resp: 189790

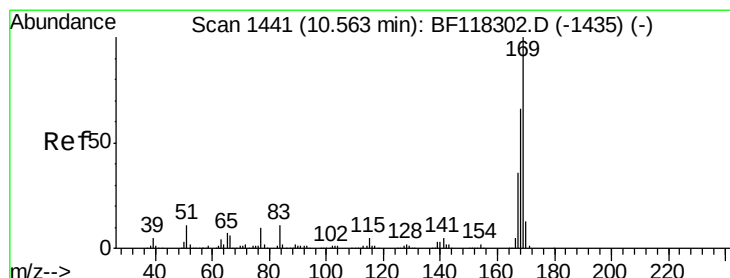
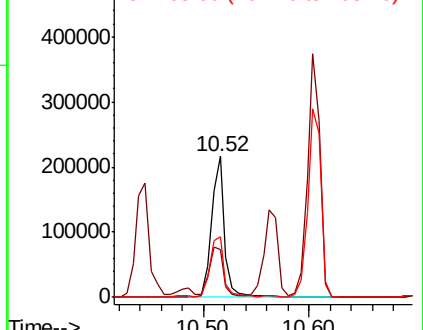
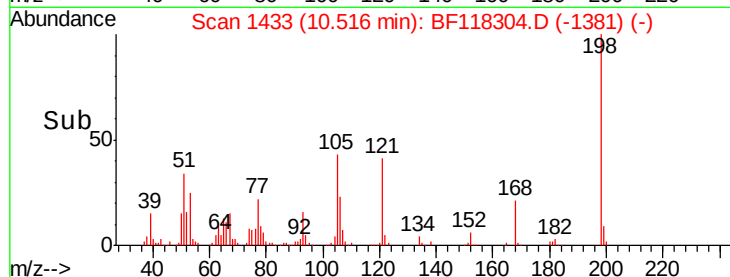
Ion	Ratio	Lower	Upper
198	100		
51	34.0	12.8	52.8
105	42.7	20.3	60.3



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: 58.209 ng

RT: 10.57 min Scan# 1442

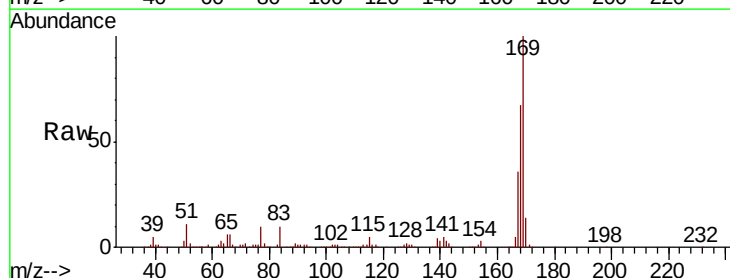
Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Tgt Ion:169 Resp: 1048162

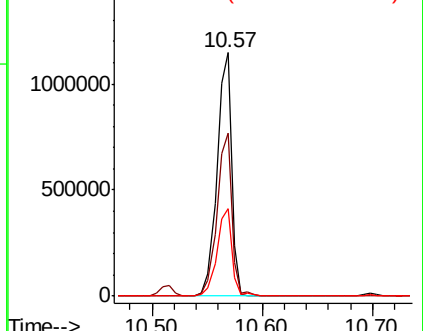
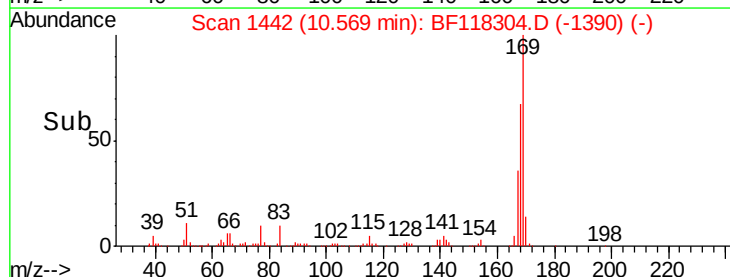
Ion	Ratio	Lower	Upper
169	100		
168	67.0	52.6	79.0
167	36.1	28.4	42.6

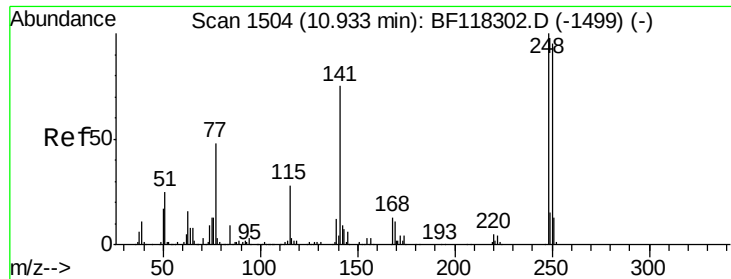


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

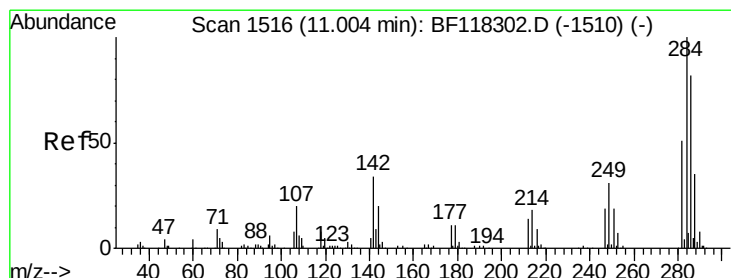
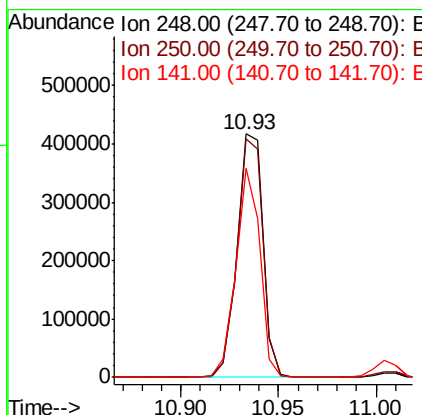
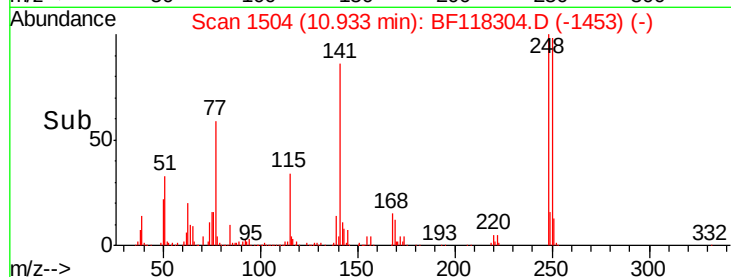
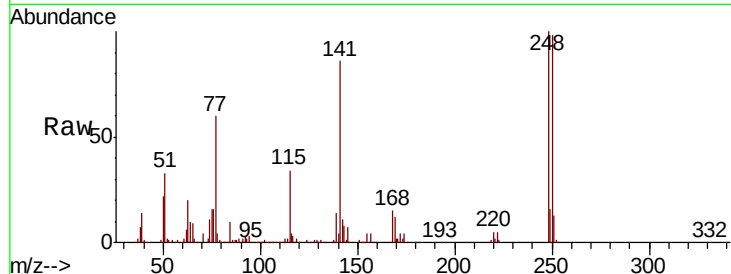




#67
 4-Bromophenyl-phenylether
 Concen: 58.351 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

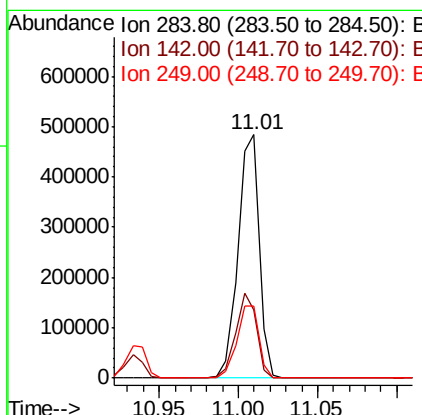
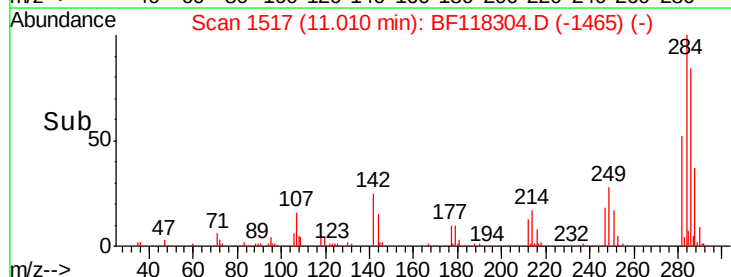
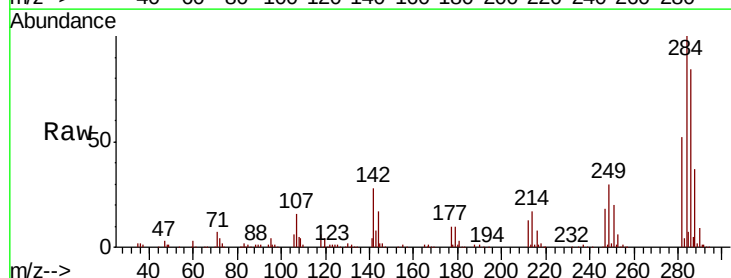
Instrument :
 BNA_E
 ClientSampleId :

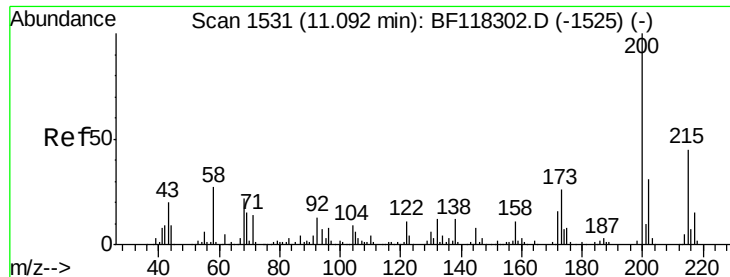
Tot	Ion:248	Resp:	384084
Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.4	114.6
141	86.0	60.2	90.2



#68
 Hexachlorobenzene
 Concen: 57.773 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Tgt	Ion:284	Resp:	447594
Ion	Ratio	Lower	Upper
284	100		
142	27.9	27.3	40.9
249	29.6	25.0	37.6





#69

Atrazine

Concen: 70.440 ng

RT: 11.09 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

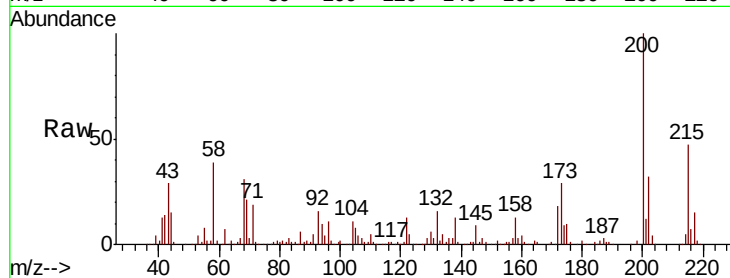
Tot Ion:200 Resp: 321649

Ion Ratio Lower Upper

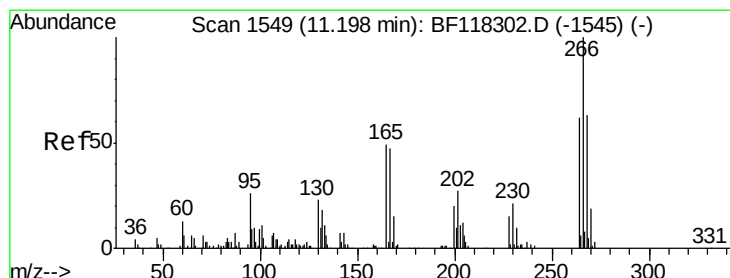
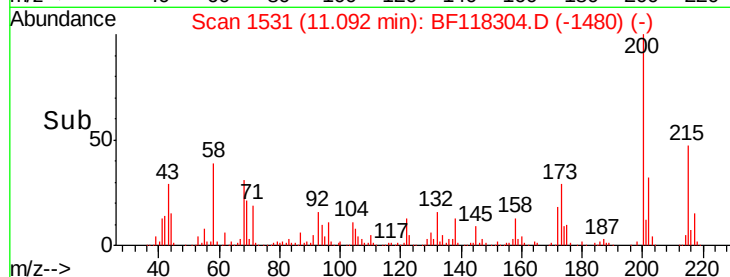
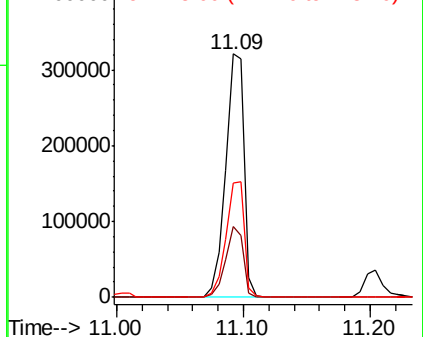
200 100

173 29.3 5.8 45.8

215 46.8 25.1 65.1



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



#70

Pentachlorophenol

Concen: 57.093 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

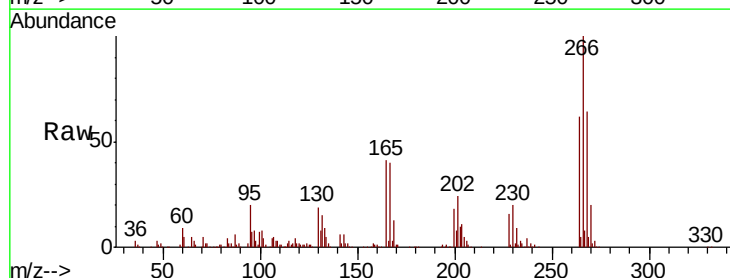
Tgt Ion:266 Resp: 208014

Ion Ratio Lower Upper

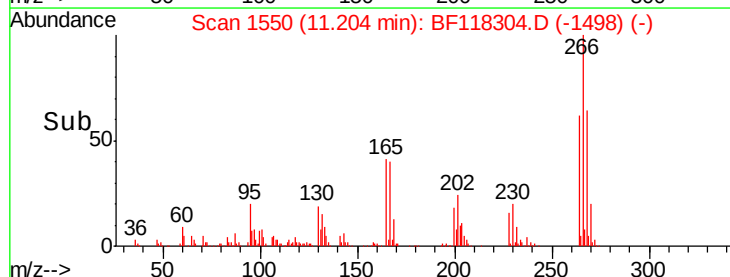
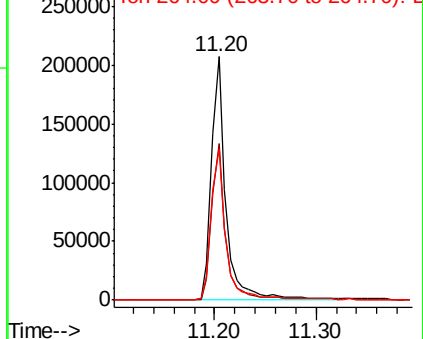
266 100

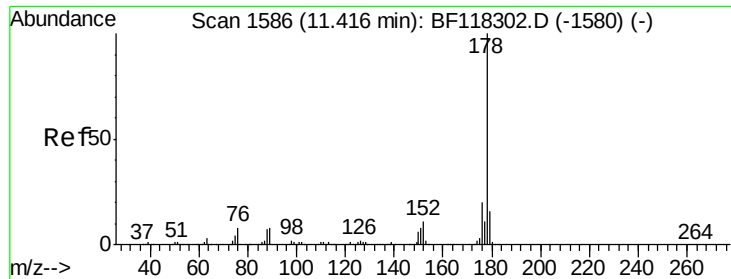
268 64.3 50.6 76.0

264 62.1 49.9 74.9



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

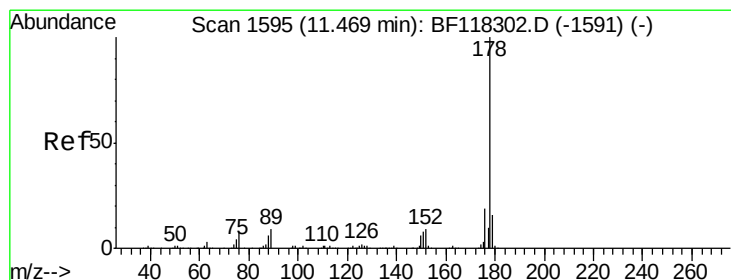
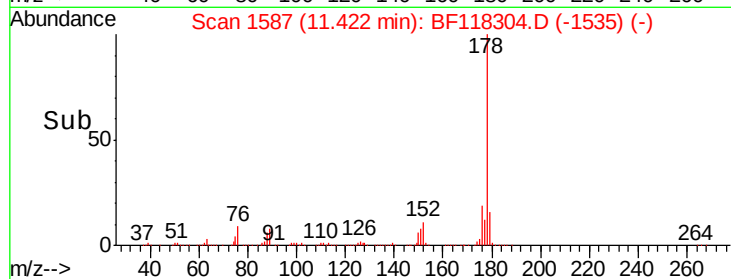
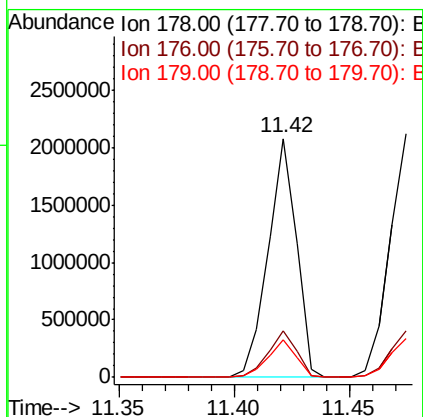
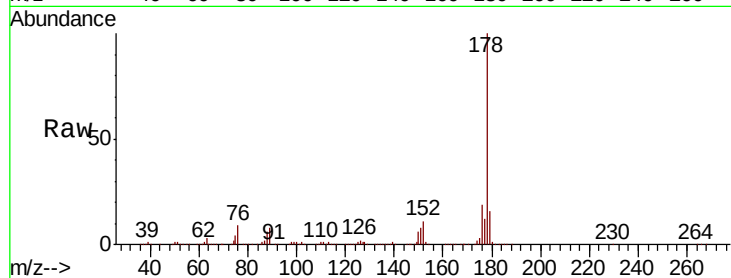




#71
Phenanthrene
Concen: 57.913 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

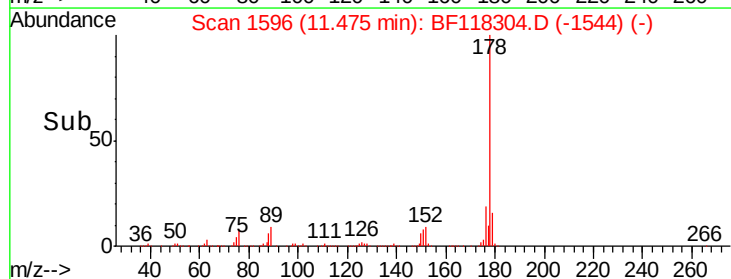
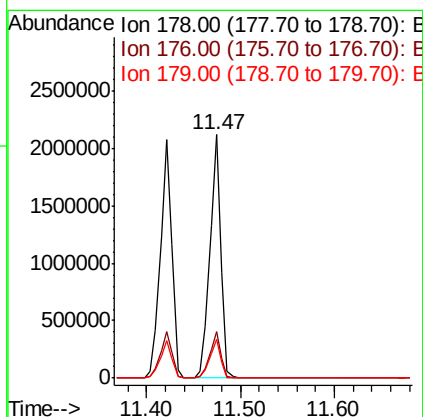
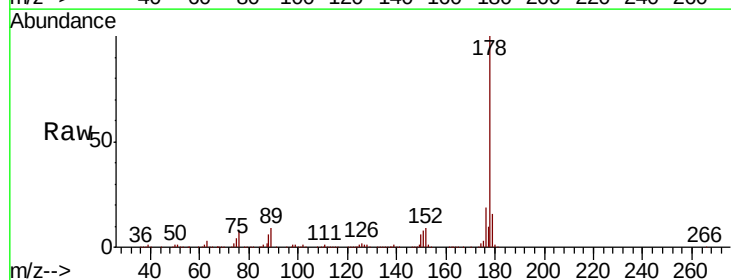
Instrument :
BNA_E
ClientSampleId :

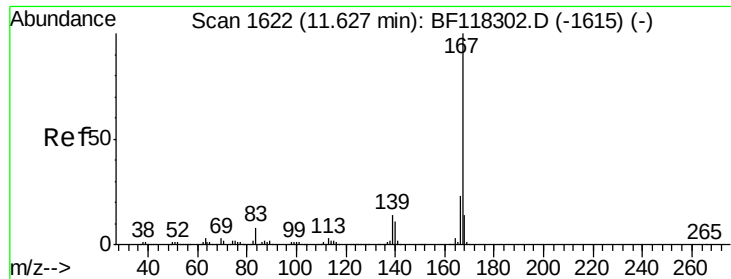
Tot Ion:178 Resp: 1775173
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.9 12.6 19.0



#72
Anthracene
Concen: 57.636 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:178 Resp: 1762399
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.7 12.9 19.3



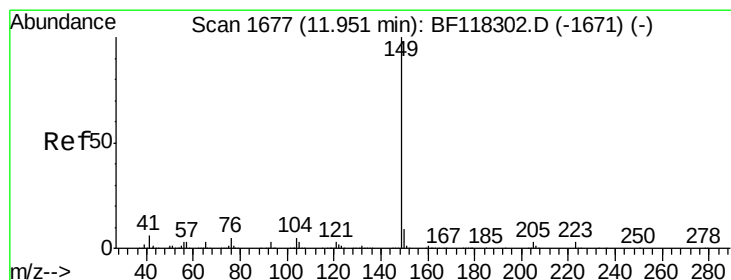
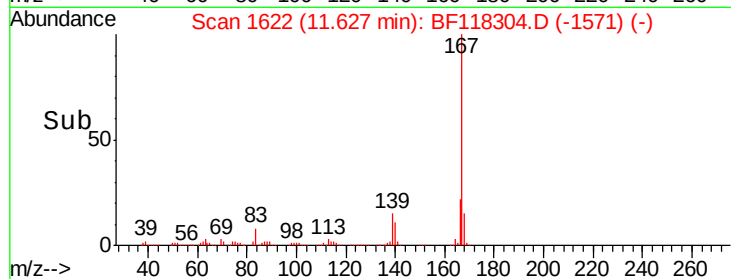
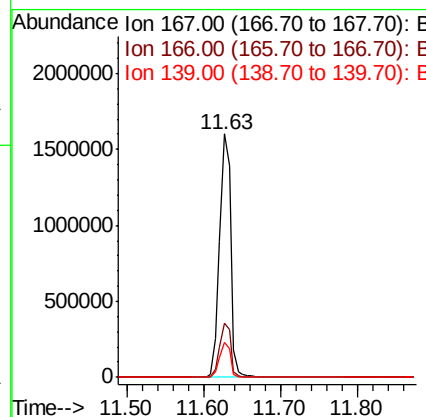
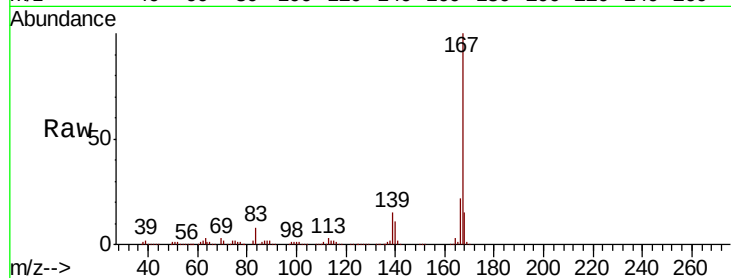


#73
 Carbazole
 Concen: 57.469 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:167 Resp: 1576678

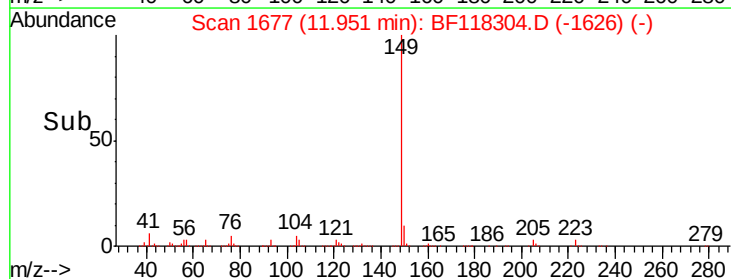
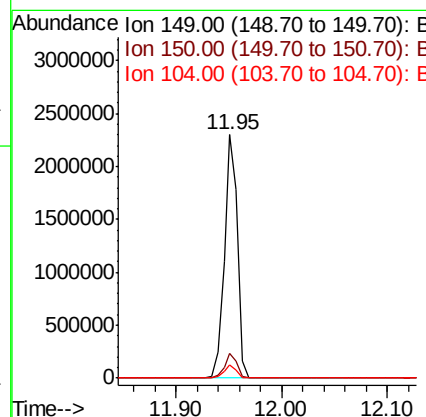
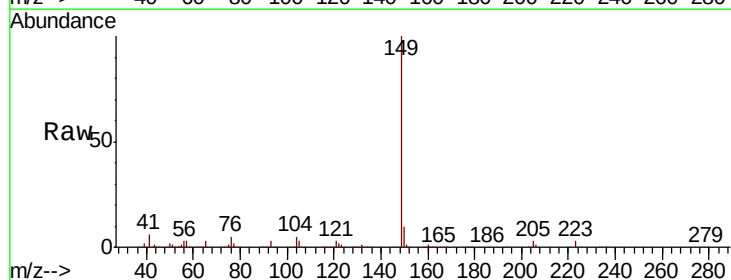
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	14.6	11.5	17.3

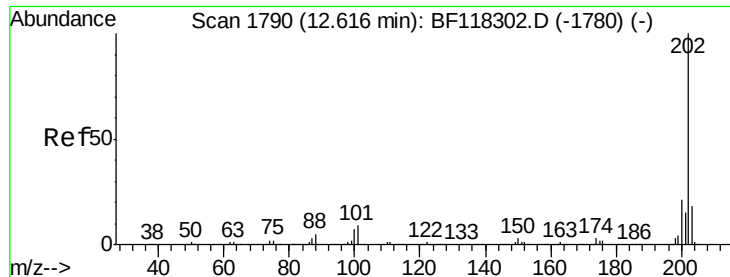


#74
 Di-n-butylphthalate
 Concen: 58.113 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Tgt Ion:149 Resp: 1995368

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.5	11.3
104	5.4	4.0	6.0

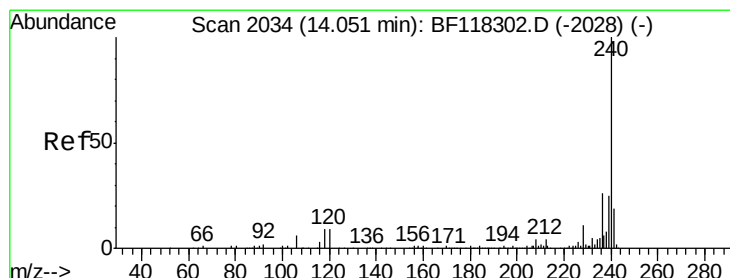
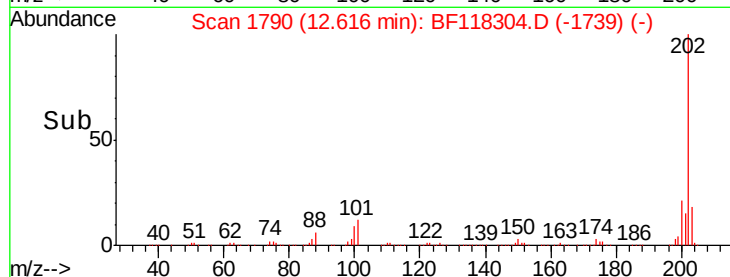
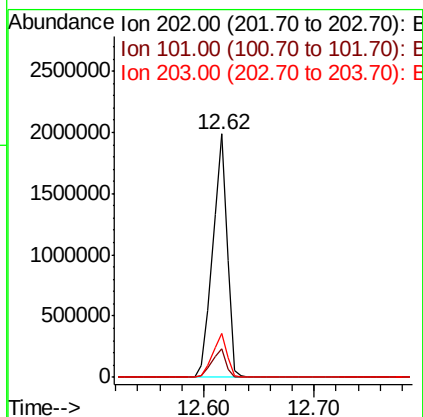
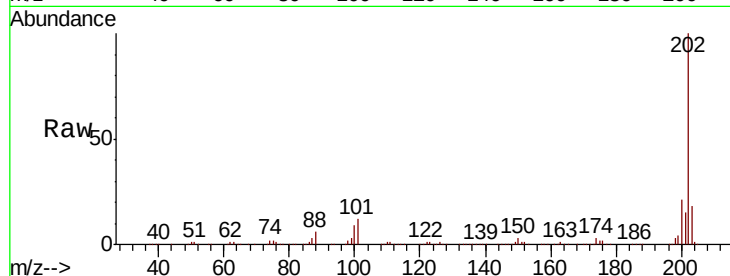




#75
 Fluoranthene
 Concen: 56.551 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

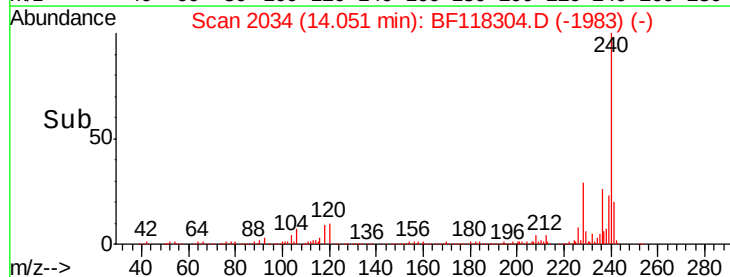
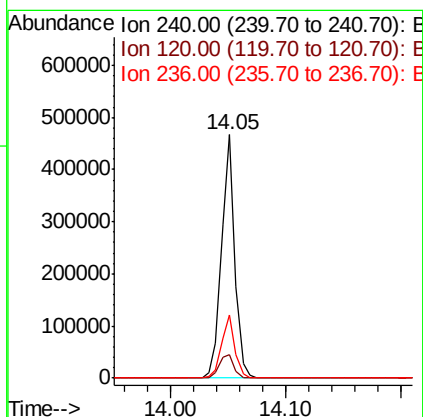
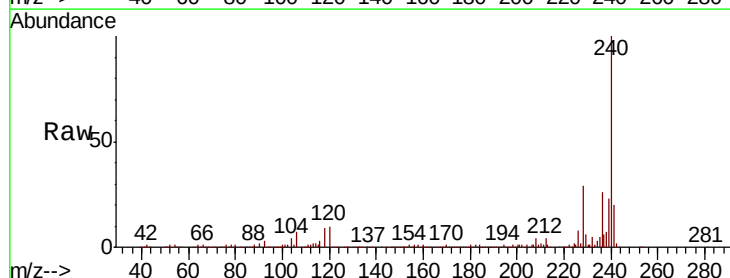
Instrument :
 BNA_E
 ClientSampled :

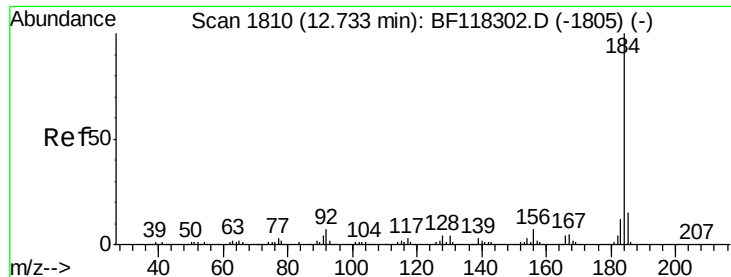
Tot Ion:202 Resp: 1772282
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 29.5
 203 18.3 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118304.D
 Acq: 24 Dec 2019 12:52

Tgt Ion:240 Resp: 372247
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.1 10.7
 236 26.1 21.0 31.6





#77

Benzidine

Concen: 49.452 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

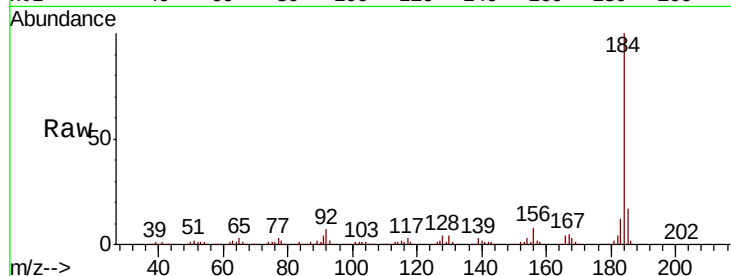
Tot Ion:184 Resp: 484598

Ion Ratio Lower Upper

184 100

185 17.1 12.3 18.5

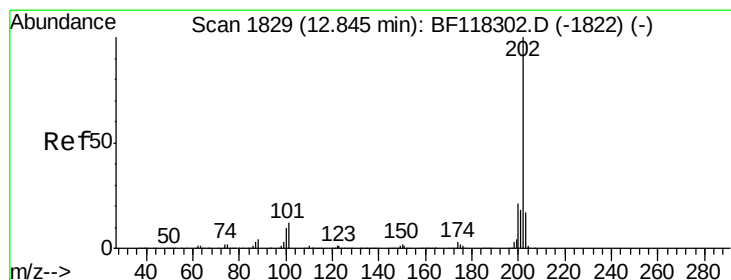
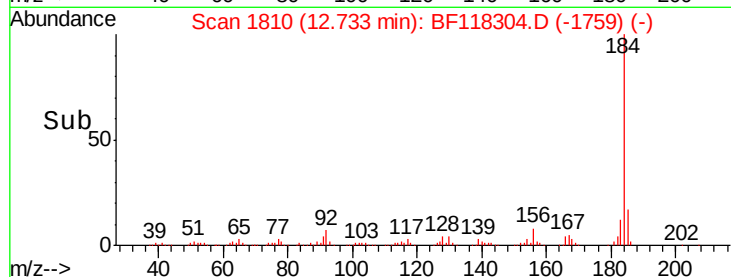
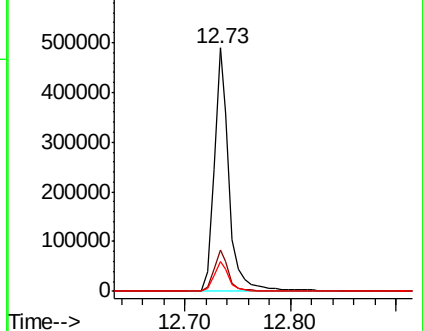
183 12.2 9.4 14.2



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: 60.973 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

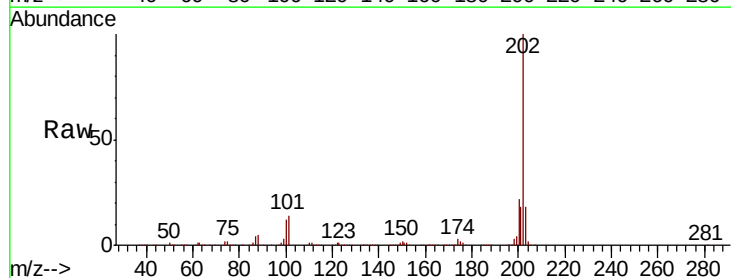
Tgt Ion:202 Resp: 1788613

Ion Ratio Lower Upper

202 100

200 22.1 16.8 25.2

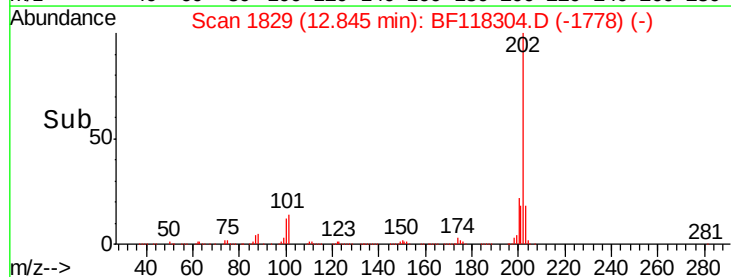
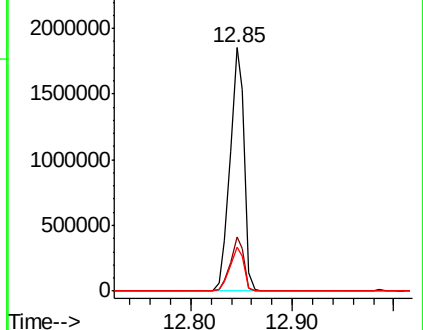
203 18.3 13.9 20.9

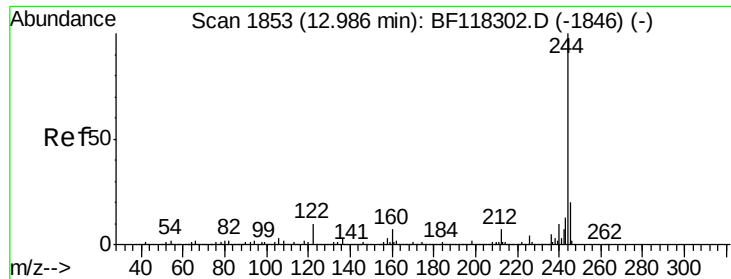


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 119.550 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

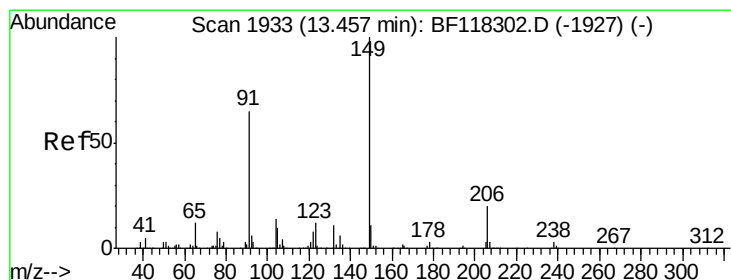
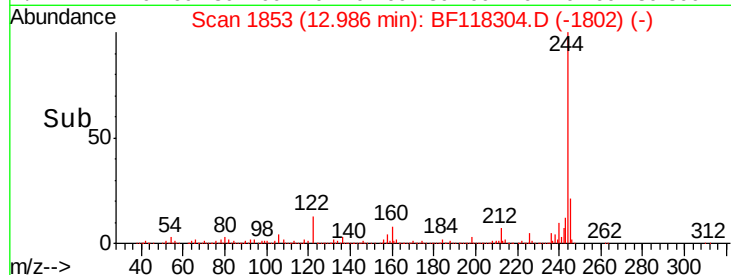
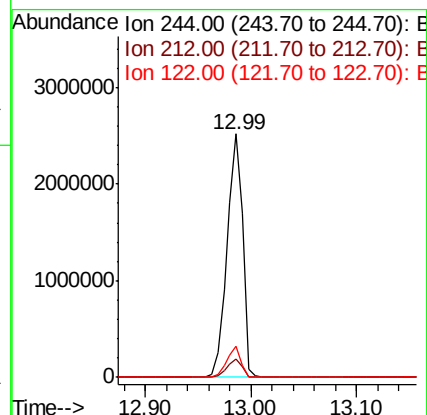
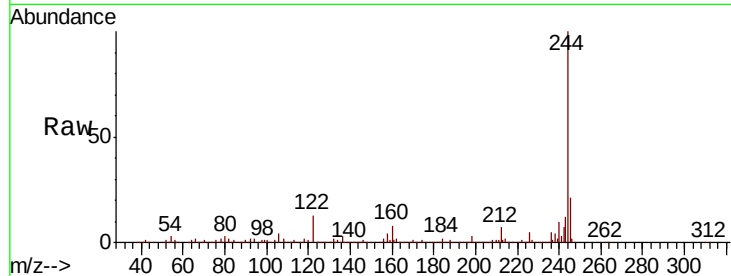
Tot Ion:244 Resp: 2587897

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 12.5 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 61.450 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

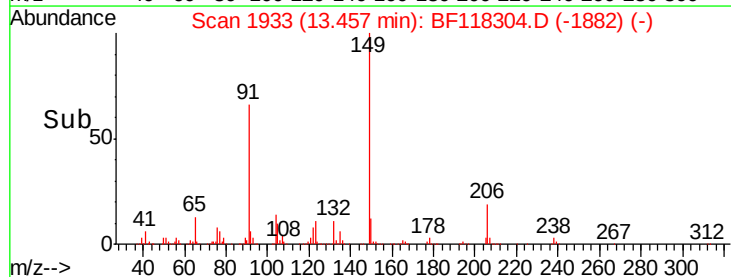
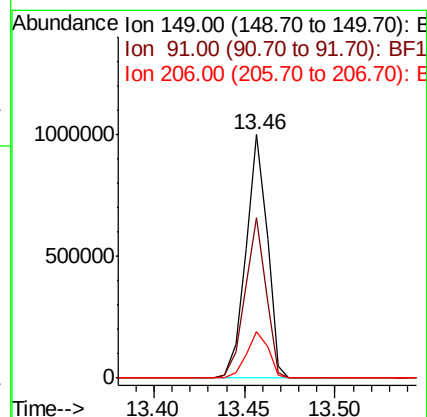
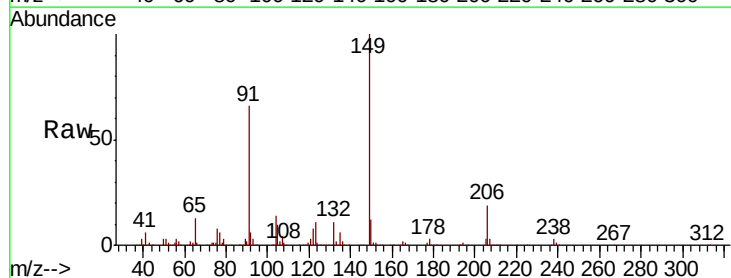
Tgt Ion:149 Resp: 816372

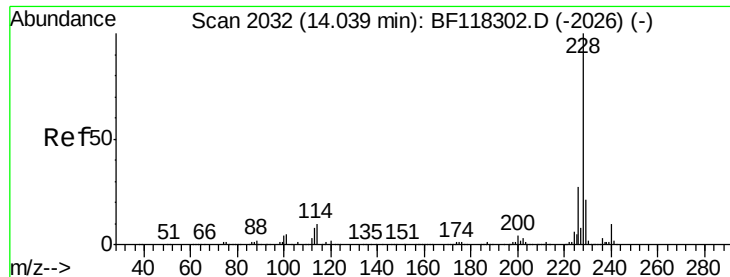
Ion Ratio Lower Upper

149 100

91 65.7 51.8 77.6

206 18.9 15.7 23.5





#81

Benzo(a)anthracene

Concen: 57.627 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

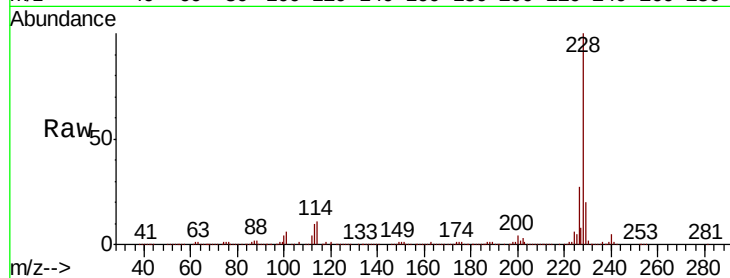
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 1483302

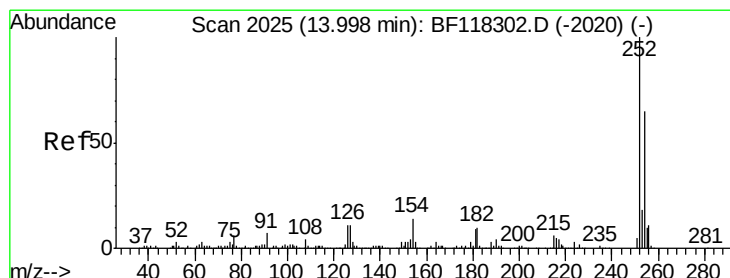
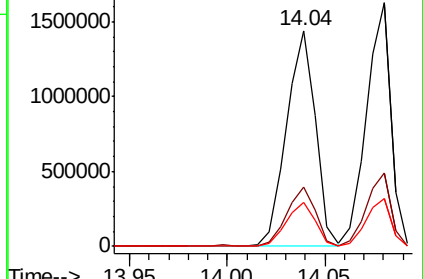
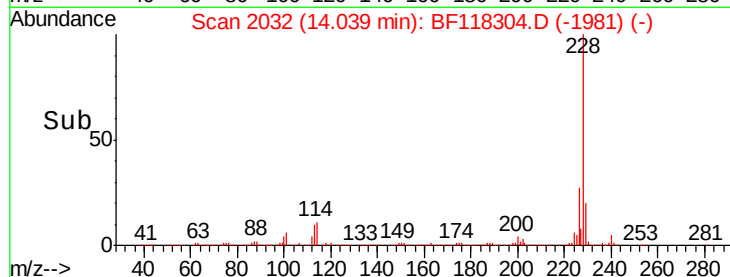
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	20.2	16.6	24.8



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: 58.290 ng

RT: 14.00 min Scan# 2025

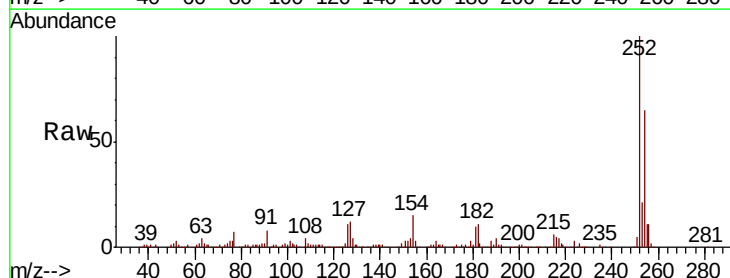
Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Tgt Ion:252 Resp: 492755

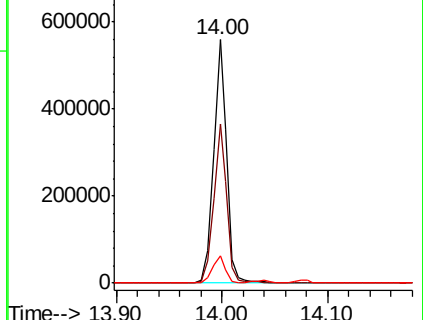
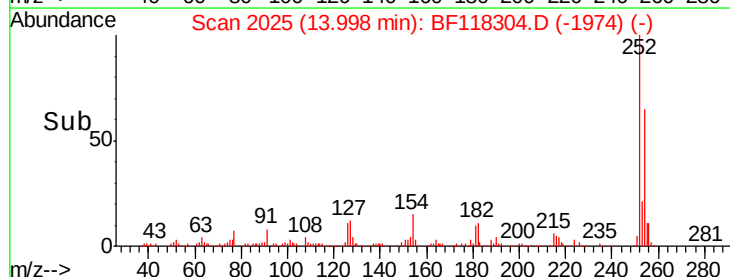
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.8	77.8
126	11.4	8.7	13.1

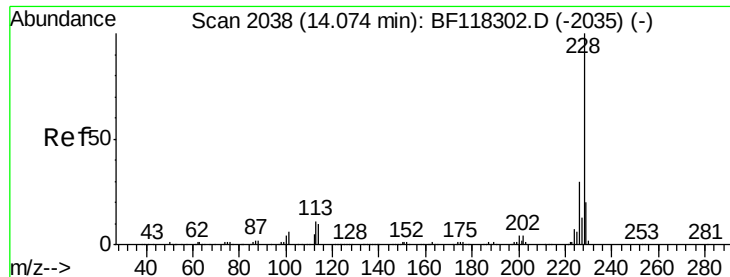


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 57.727 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

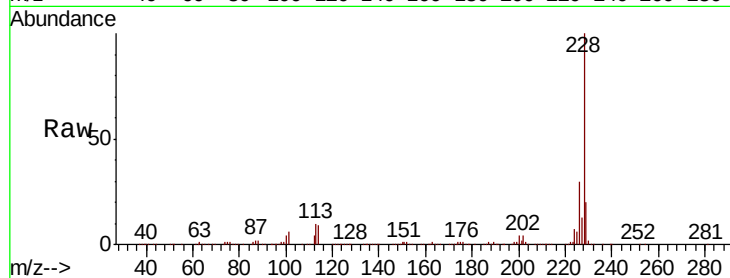
Tot Ion:228 Resp: 1419339

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

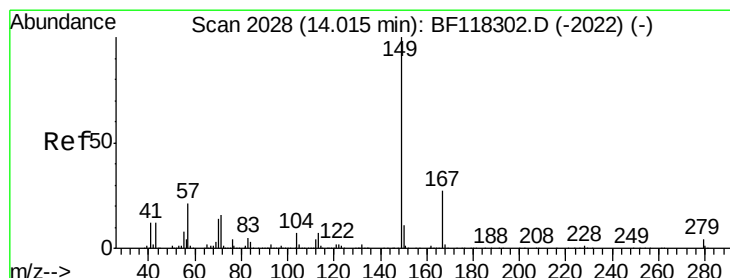
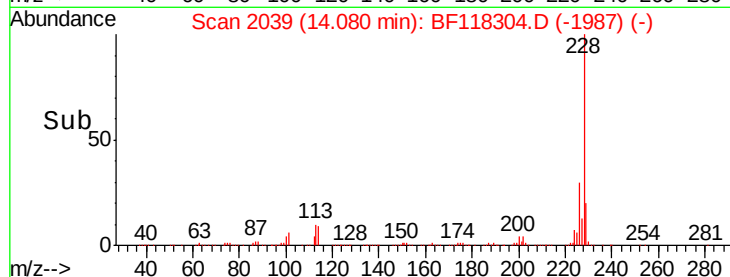
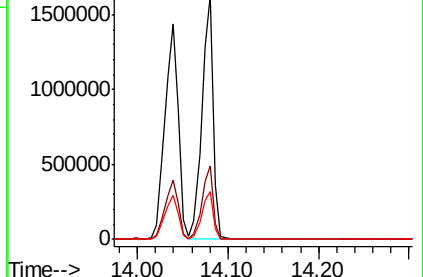
229 19.8 16.1 24.1



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: 60.648 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

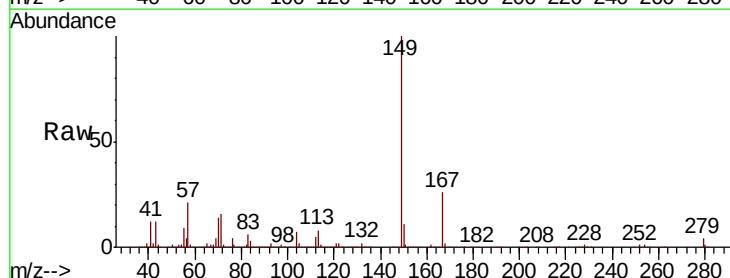
Tgt Ion:149 Resp: 1062429

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

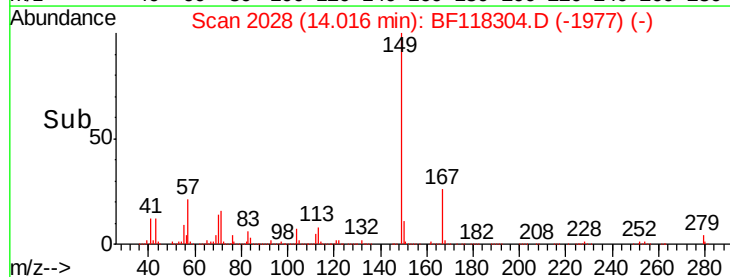
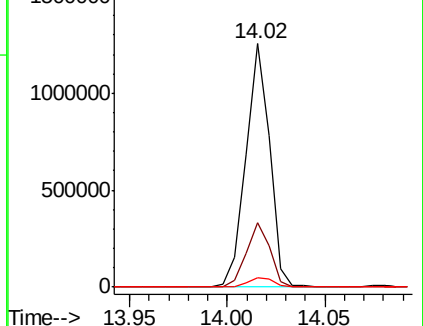
279 4.0 3.4 5.2

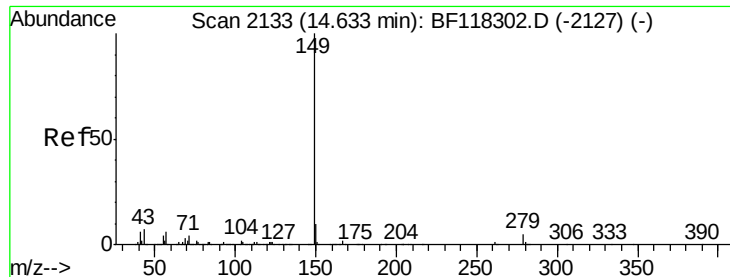


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.584 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

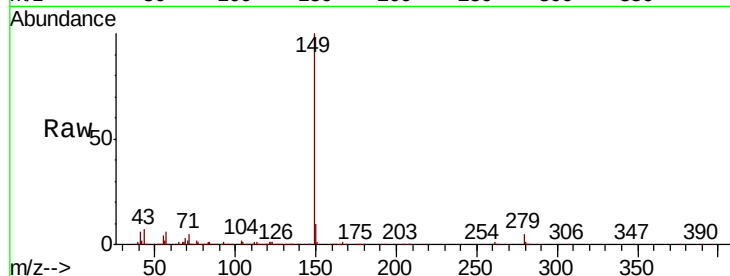
Tot Ion:149 Resp: 1528078

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

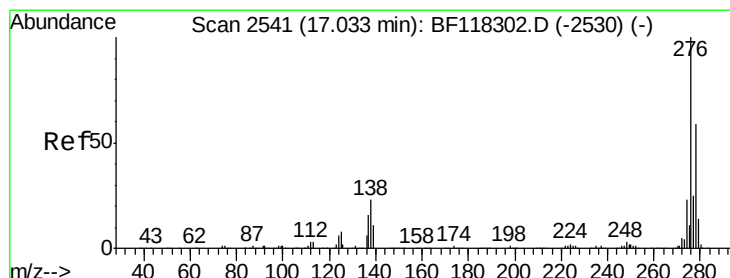
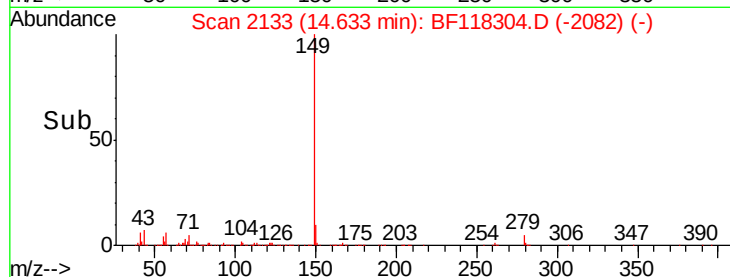
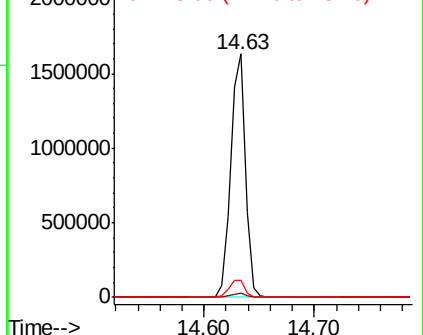
43 7.5 6.1 9.1



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: 59.616 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

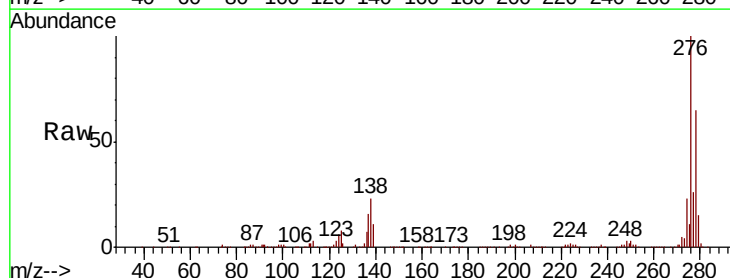
Tgt Ion:276 Resp: 1233330

Ion Ratio Lower Upper

276 100

138 24.1 19.5 29.3

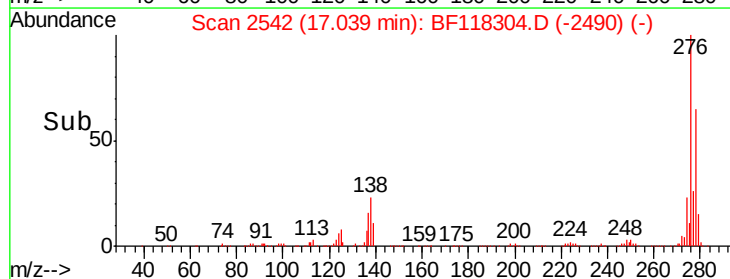
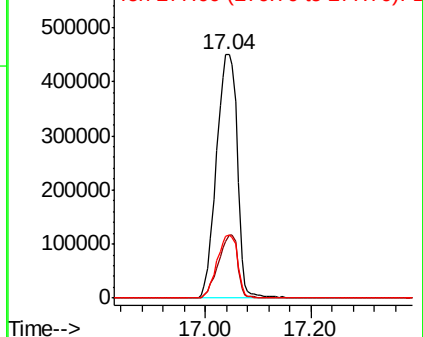
277 25.5 20.6 30.8

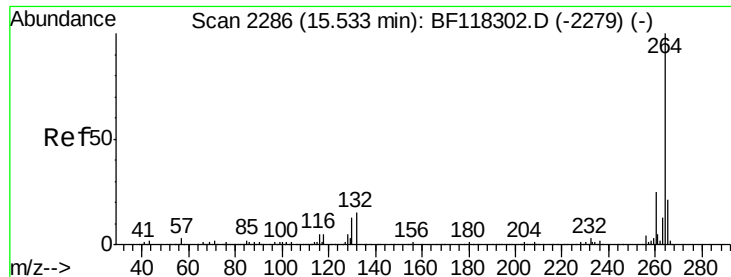


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



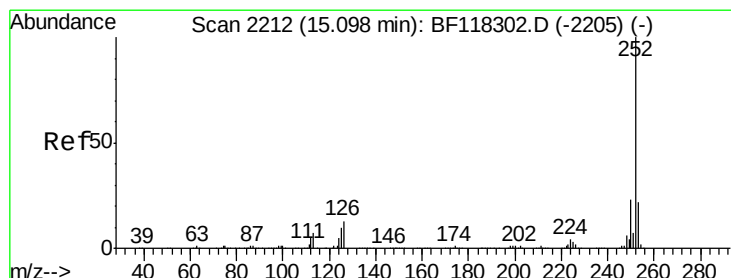
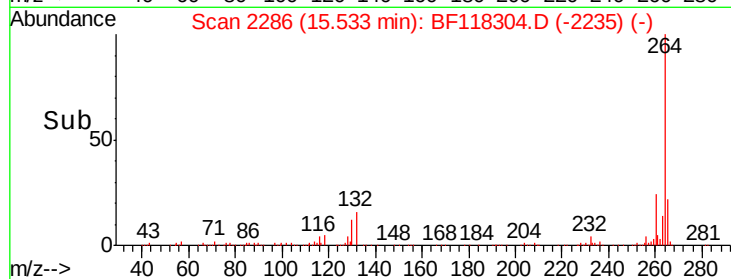
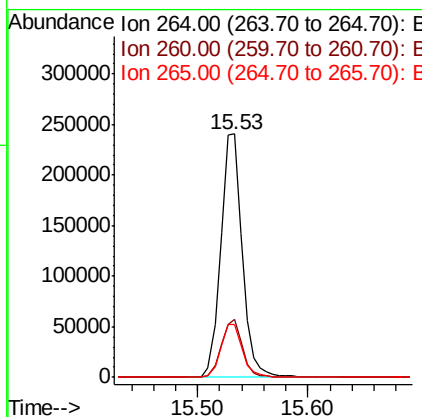
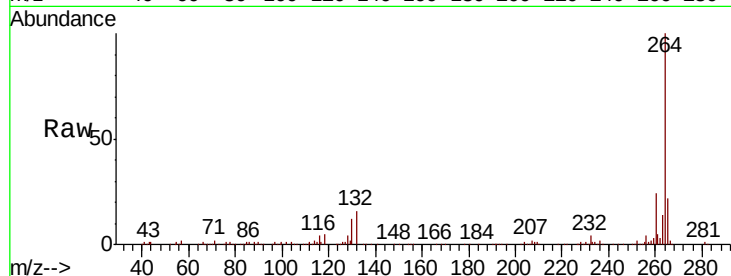


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 328490

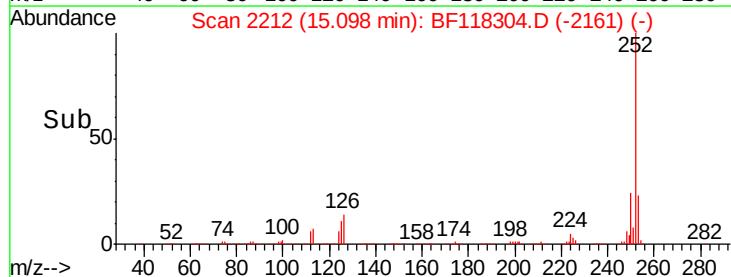
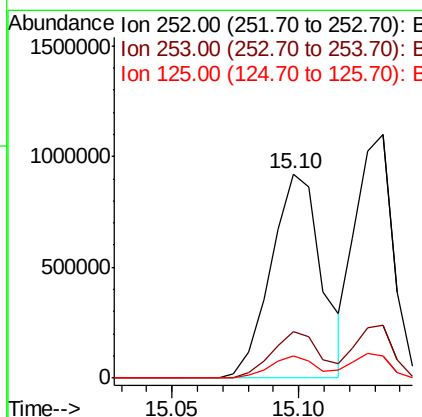
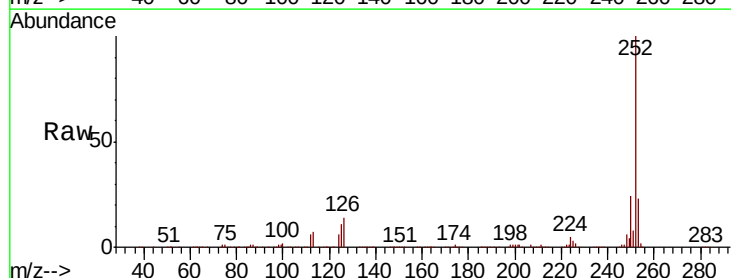
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	21.5	17.0	25.4

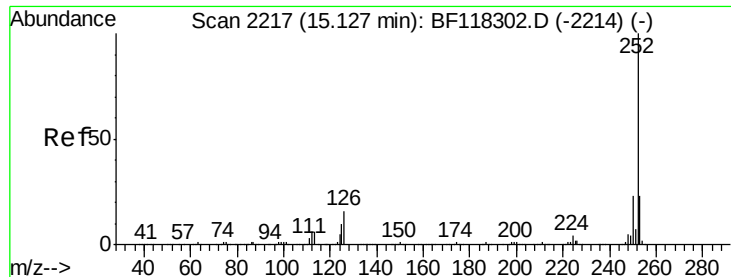


#88
Benzo(b)fluoranthene
Concen: 58.805 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:252 Resp: 1277547

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.7	7.7	11.5

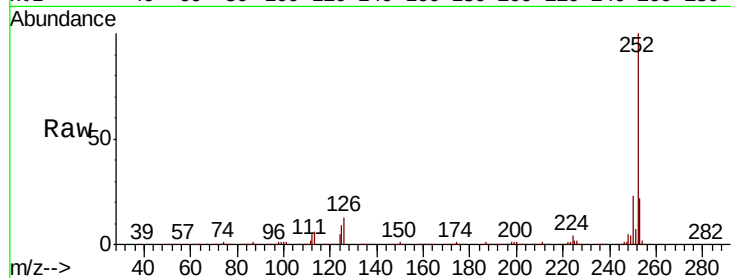




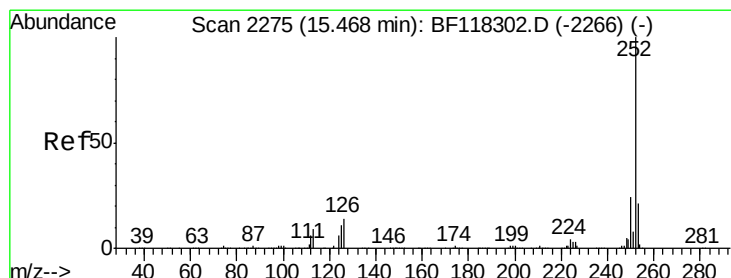
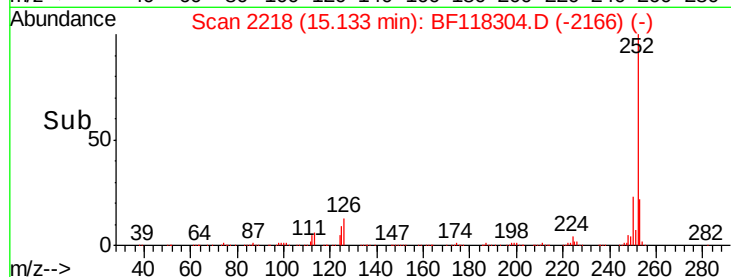
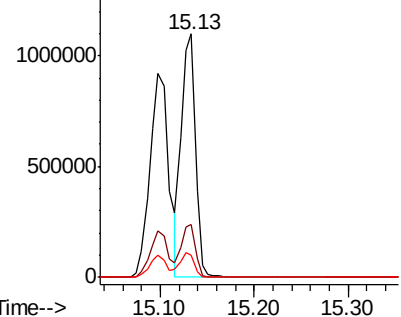
#89
Benzo(k)fluoranthene
Concen: 55.105 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Instrument :
BNA_E
ClientSampled :

Tot Ion:252 Resp: 1150085
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.1 8.0 12.0

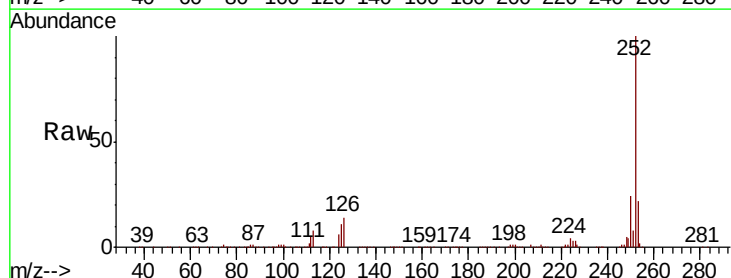


Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

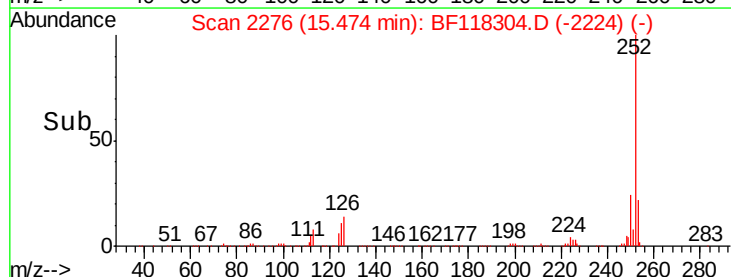
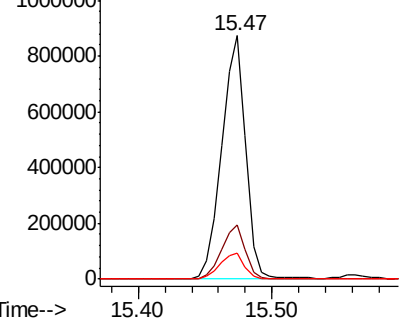


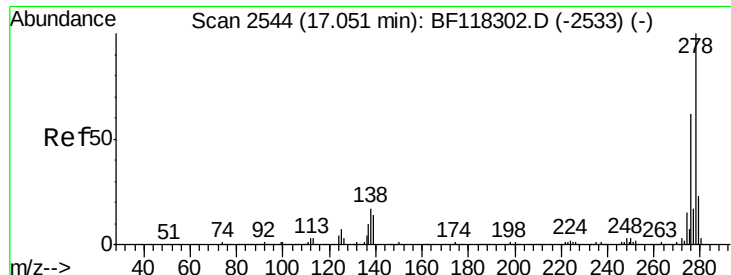
#90
Benzo(a)pyrene
Concen: 56.903 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118304.D
Acq: 24 Dec 2019 12:52

Tgt Ion:252 Resp: 1091839
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 10.8 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
1200000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 61.120 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

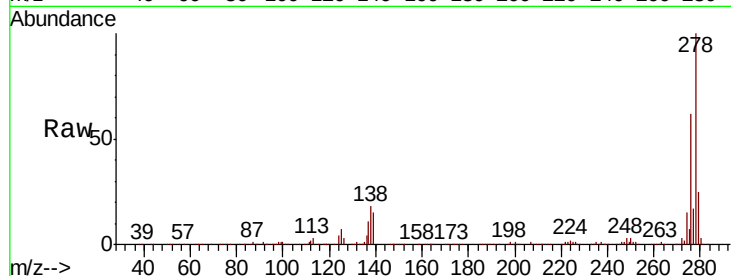
Instrument :

BNA_E

ClientSampleId :

Tot Ion:278 Resp: 1005875

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.5	17.3
279	24.6	18.3	27.5

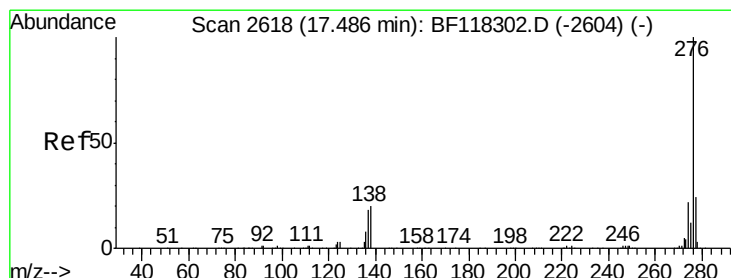
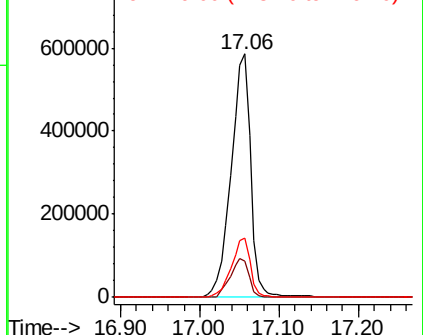
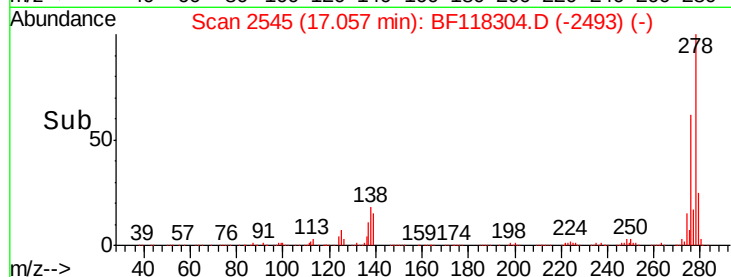


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 62.686 ng

RT: 17.49 min Scan# 2619

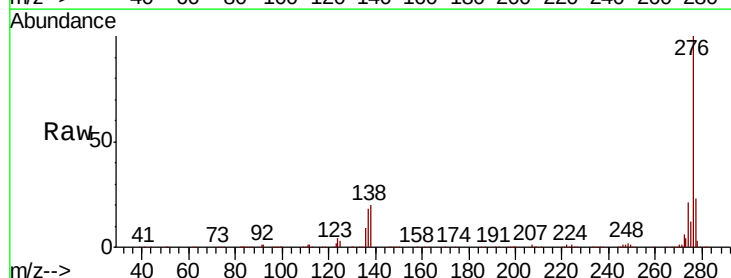
Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Tgt Ion:276 Resp: 991348

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	19.8	16.1	24.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

