

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122319\
 Data File : BF118300.D
 Acq On : 24 Dec 2019 11:00
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 24 14:49:44 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	133562	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	550175	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	308234	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	579193	20.00	ng	0.00
76) Chrysene-d12	14.04	240	440001	20.00	ng	0.00
87) Perylene-d12	15.53	264	420962	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	175121	22.96	ng	0.00
7) Phenol-d6	6.47	99	220505	23.91	ng	-0.01
23) Nitrobenzene-d5	7.41	82	204220	20.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	81158	21.67	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	466879	23.05	ng	0.00
79) Terphenyl-d14	12.98	244	580389	22.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	33932	10.553	ng	97
3) Pyridine	3.35	79	79615	9.597	ng	94
4) n-Nitrosodimethylamine	3.28	42	34406	9.641	ng	# 98
6) Aniline	6.51	93	137266	11.634	ng	98
8) 2-Chlorophenol	6.63	128	101231	11.773	ng	98
9) Benzaldehyde	6.40	77	69591	14.835	ng	95
10) Phenol	6.49	94	121625	11.563	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	87242	11.468	ng	97
12) 1,3-Dichlorobenzene	6.79	146	116331	11.581	ng	99
13) 1,4-Dichlorobenzene	6.87	146	119579	11.822	ng	98
14) 1,2-Dichlorobenzene	7.02	146	113720	11.972	ng	95
15) Benzyl Alcohol	6.99	79	81062	11.259	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	94630	10.345	ng	95
17) 2-Methylphenol	7.10	107	78333	11.454	ng	98
18) Hexachloroethane	7.36	117	42976	11.531	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	68289	12.184	ng	98
20) 3+4-Methylphenols	7.26	107	104588	12.175	ng	# 89
22) Acetophenone	7.26	105	148042	11.200	ng	96
24) Nitrobenzene	7.43	77	101390	10.552	ng	95
25) Isophorone	7.67	82	179457	10.825	ng	97
26) 2-Nitrophenol	7.75	139	50359	9.806	ng	98
27) 2,4-Dimethylphenol	7.79	122	73471	10.725	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	119786	11.058	ng	98
29) 2,4-Dichlorophenol	8.00	162	86239	10.799	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	102016	10.931	ng	98
31) Naphthalene	8.16	128	312968	11.327	ng	98
32) Benzoic acid	7.88	122	36127	5.841	ng	94
33) 4-Chloroaniline	8.21	127	131861	11.052	ng	97
34) Hexachlorobutadiene	8.27	225	60098	10.739	ng	98
35) Caprolactam	8.56	113	26202	10.639	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	93117	11.080	ng	99
37) 2-Methylnaphthalene	8.85	142	213873	11.433	ng	97
38) 1-Methylnaphthalene	8.95	142	202999	11.558	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	97819	10.476	ng	100

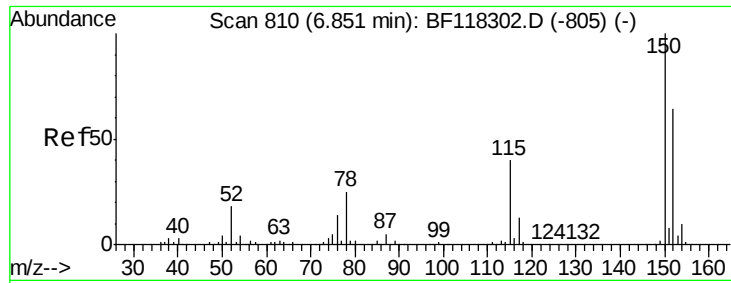
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	15236	3.642	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	63977	10.262	ng	95
44) 2,4,5-Trichlorophenol	9.18	196	66037	10.224	ng	98
46) 1,1'-Biphenyl	9.32	154	267097	10.987	ng	99
47) 2-Chloronaphthalene	9.35	162	213169	10.901	ng	96
48) 2-Nitroaniline	9.44	65	57884	10.380	ng	94
49) Acenaphthylene	9.76	152	327756	11.364	ng	99
50) Dimethylphthalate	9.61	163	251300	11.038	ng	99
51) 2,6-Dinitrotoluene	9.68	165	52961	10.698	ng	92
52) Acenaphthene	9.93	154	193514	10.992	ng	98
53) 3-Nitroaniline	9.85	138	60541	10.391	ng	87
54) 2,4-Dinitrophenol	9.97	184	16202	6.578	ng	94
55) Dibenzofuran	10.10	168	295520	11.456	ng	99
56) 4-Nitrophenol	10.02	139	31089	7.689	ng	98
57) 2,4-Dinitrotoluene	10.09	165	68216	10.324	ng	# 85
58) Fluorene	10.45	166	237273	11.575	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	57044	10.705	ng	97
60) Diethylphthalate	10.32	149	249005	11.101	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	117289	11.371	ng	95
62) 4-Nitroaniline	10.46	138	64417	10.601	ng	99
63) Azobenzene	10.60	77	217529	11.360	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	25486	7.968	ng	86
66) n-Nitrosodiphenylamine	10.56	169	200122	11.064	ng	97
67) 4-Bromophenyl-phenylether	10.93	248	73615	11.134	ng	94
68) Hexachlorobenzene	11.00	284	85932	11.042	ng	97
69) Atrazine	11.08	200	65975	14.384	ng	97
70) Pentachlorophenol	11.20	266	29767	8.134	ng	94
71) Phenanthrene	11.42	178	360052	11.694	ng	99
72) Anthracene	11.47	178	363269	11.827	ng	98
73) Carbazole	11.62	167	318033	11.541	ng	98
74) Di-n-butylphthalate	11.95	149	400043	11.599	ng	98
75) Fluoranthene	12.61	202	370448	11.768	ng	98
77) Benzidine	12.73	184	139875	12.076	ng	97
78) Pyrene	12.84	202	375501	10.829	ng	99
80) Butylbenzylphthalate	13.46	149	164550	10.479	ng	94
81) Benzo(a)anthracene	14.03	228	336845	11.071	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	120639	12.073	ng	95
83) Chrysene	14.07	228	324207	11.156	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	219964	10.623	ng	99
85) Di-n-octyl phthalate	14.63	149	331286	10.562	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	250909	10.261	ng	98
88) Benzo(b)fluoranthene	15.09	252	288530	10.363	ng	99
89) Benzo(k)fluoranthene	15.12	252	314752	11.768	ng	97
90) Benzo(a)pyrene	15.46	252	263083	10.699	ng	98
91) Dibenzo(a,h)anthracene	17.03	278	202145	9.585	ng	99
92) Benzo(g,h,i)perylene	17.48	276	187723	9.263	ng	98

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

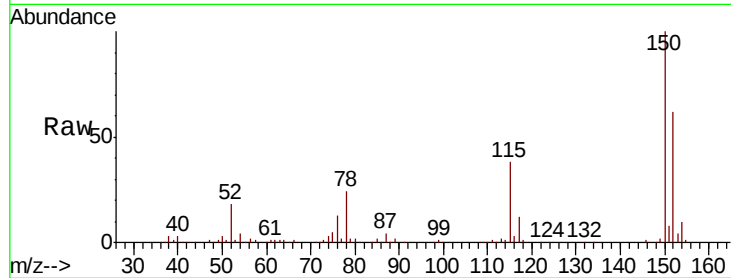


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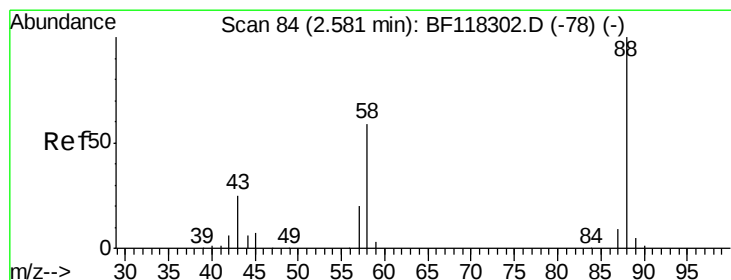
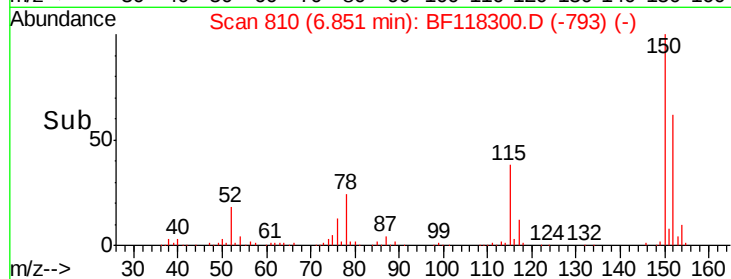
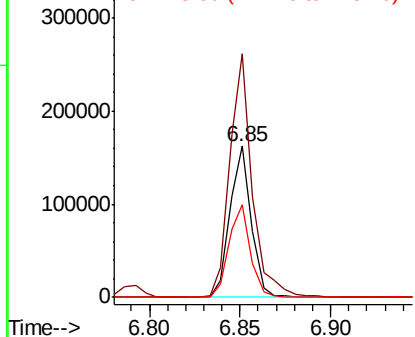
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 133562
Ion Ratio Lower Upper
152 100
150 161.3 125.4 188.2
115 61.0 50.2 75.4



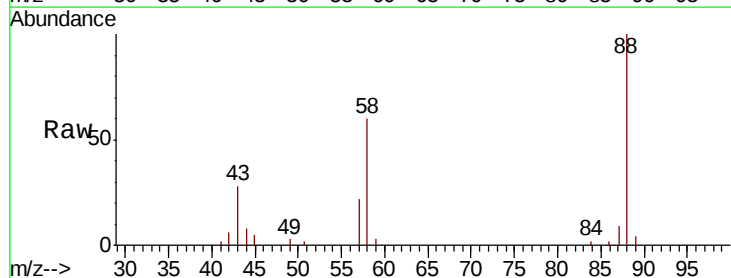
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



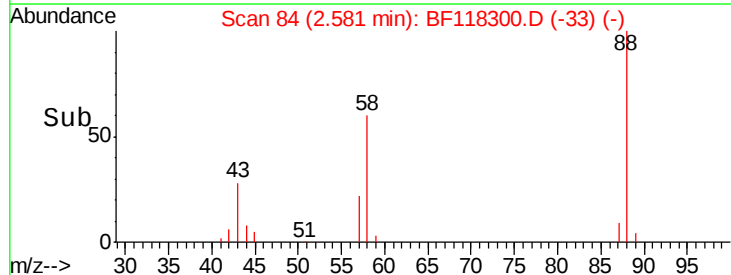
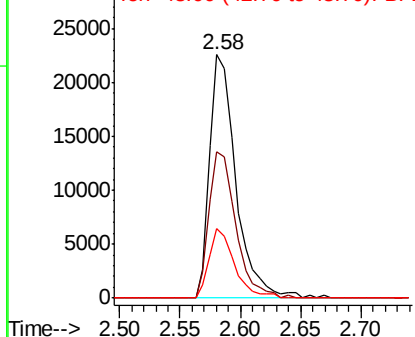
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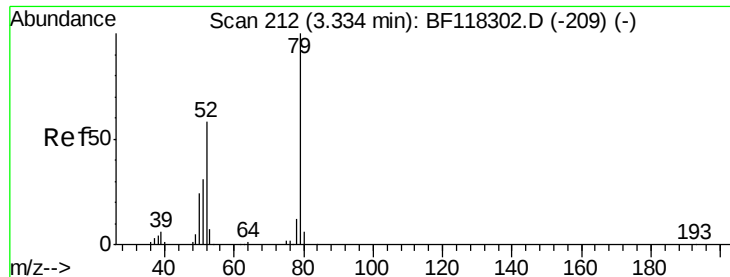
1,4-Dioxane
Concen: 10.553 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion: 88 Resp: 33932
Ion Ratio Lower Upper
88 100
58 61.4 47.6 71.4
43 27.4 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

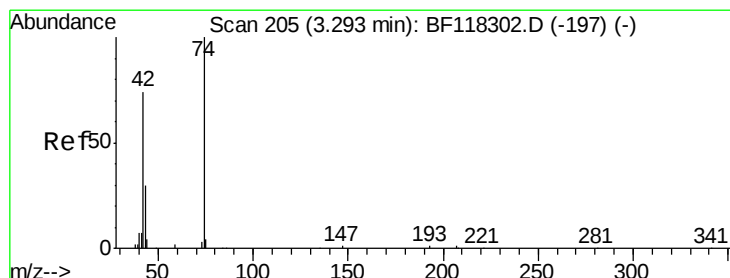
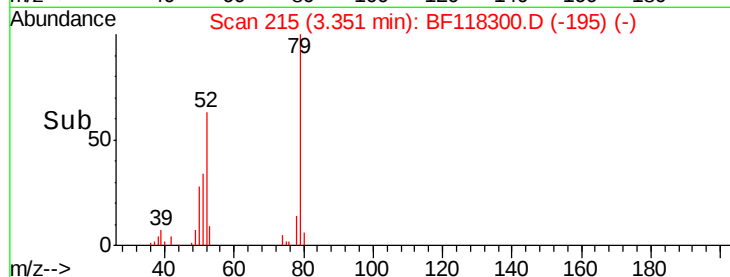
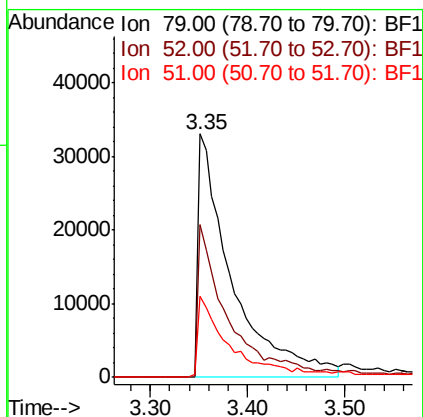
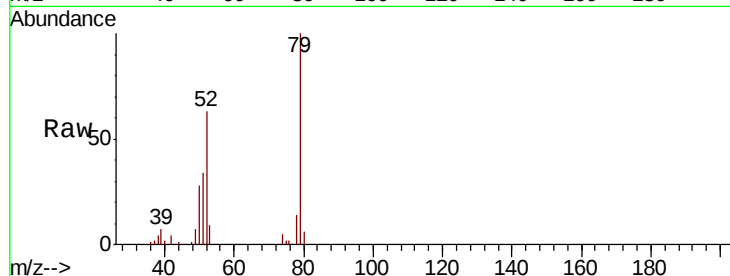




#3
 Pvridine
 Concen: 9.597 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.02 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

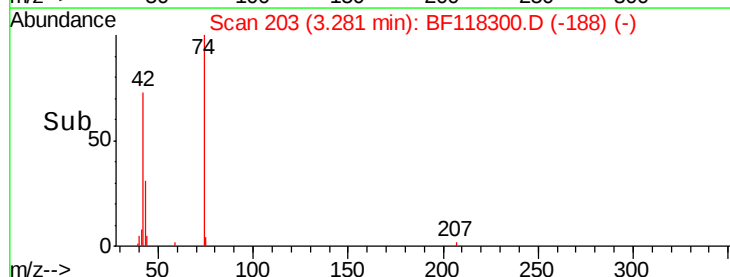
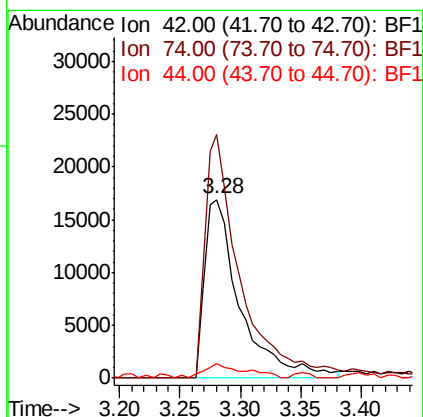
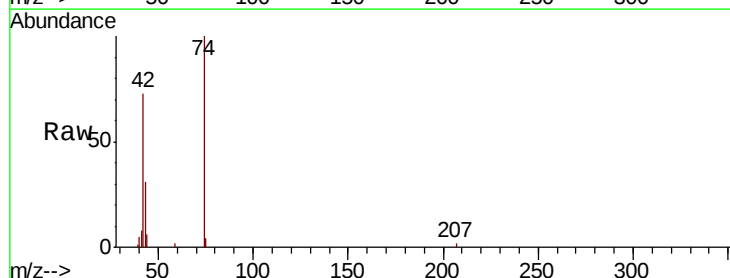
Instrument :
 BNA_E
 ClientSampleId :

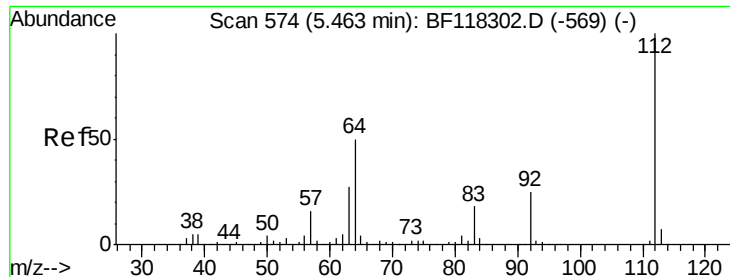
Tot Ion	Ratio	Lower	Upper
79	100		
52	62.7	46.4	69.6
51	33.5	24.9	37.3



#4
 n-Nitrosodimethylamine
 Concen: 9.641 ng
 RT: 3.28 min Scan# 203
 Delta R.T. -0.01 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.2	107.7	161.5
44	8.3	4.8	7.2#





#5

2-Fluorophenol

Concen: 22.964 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampled :

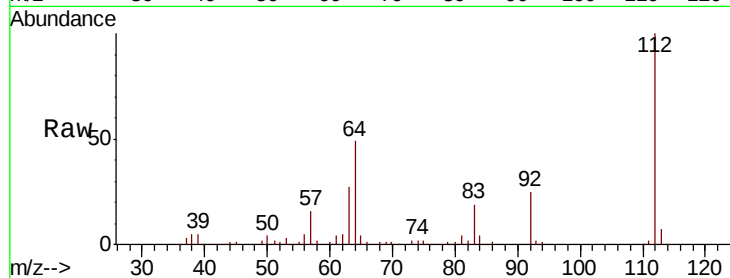
Tot Ion:112 Resp: 175121

Ion Ratio Lower Upper

112 100

64 49.0 39.7 59.5

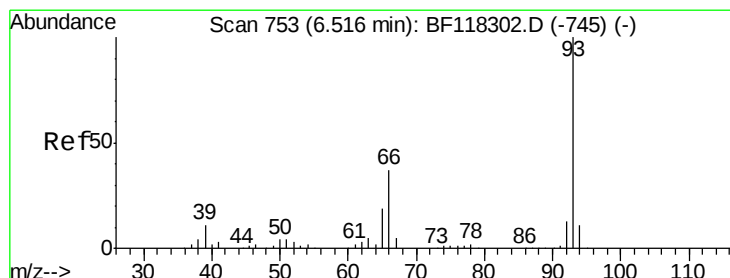
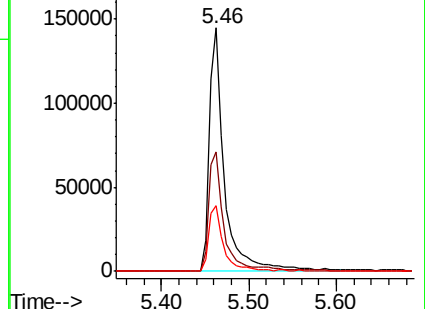
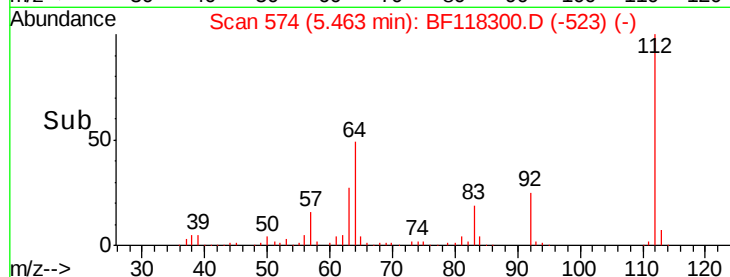
63 27.0 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.634 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

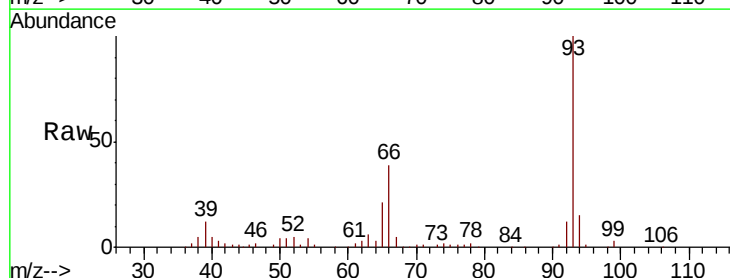
Tgt Ion: 93 Resp: 137266

Ion Ratio Lower Upper

93 100

66 38.9 30.2 45.4

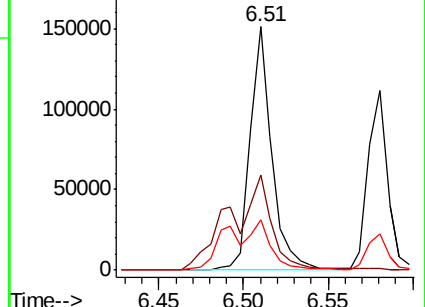
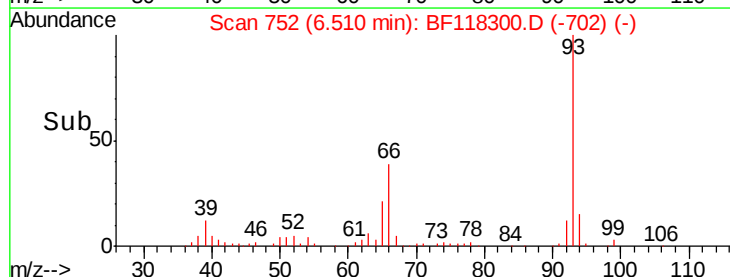
65 20.8 15.7 23.5

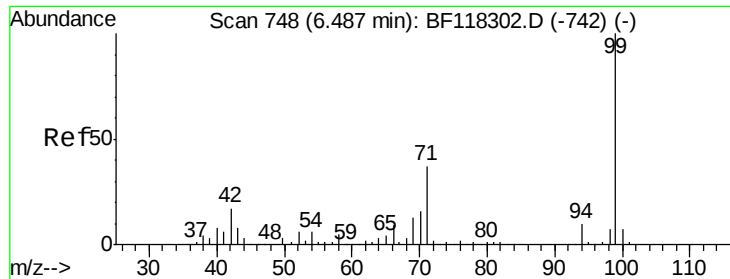


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 23.907 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

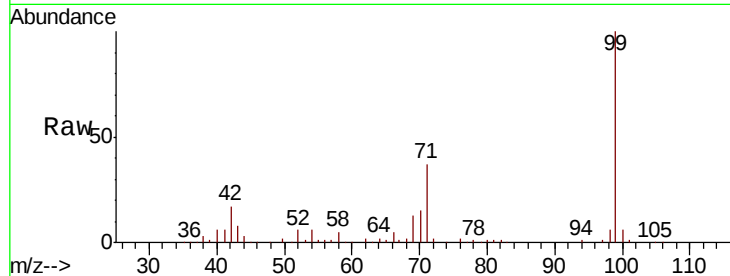
Tot Ion: 99 Resp: 220505

Ion Ratio Lower Upper

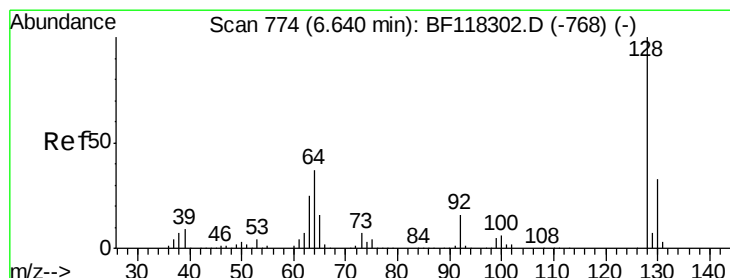
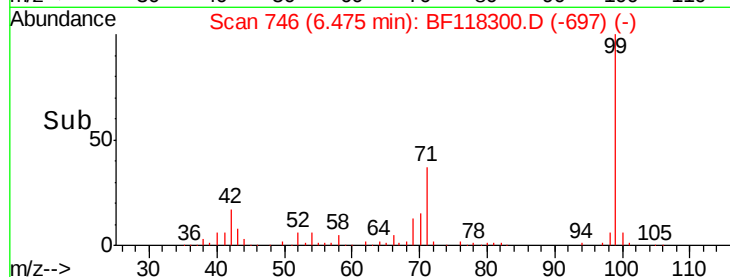
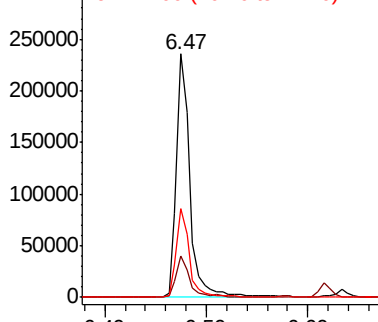
99 100

42 16.9 13.5 20.3

71 36.6 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: 11.773 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

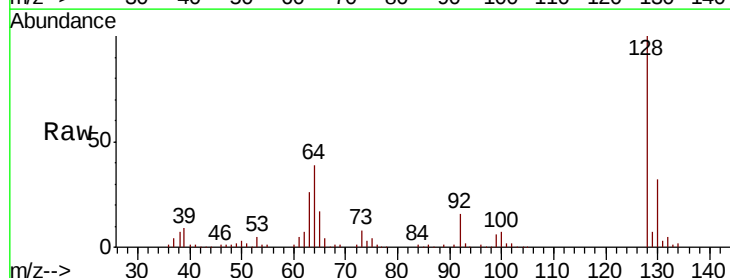
Tgt Ion: 128 Resp: 101231

Ion Ratio Lower Upper

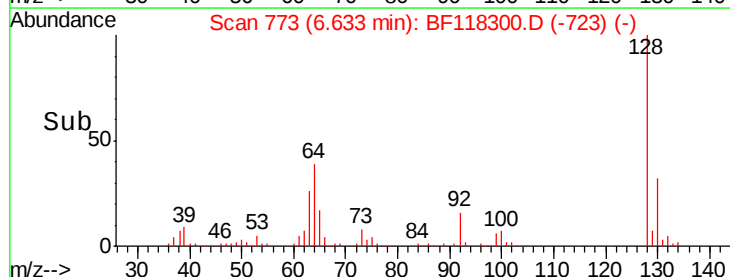
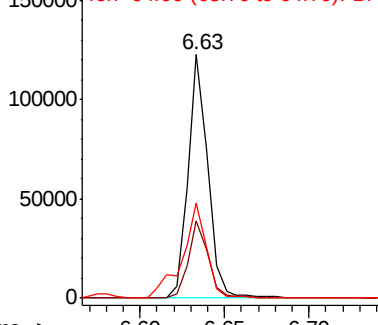
128 100

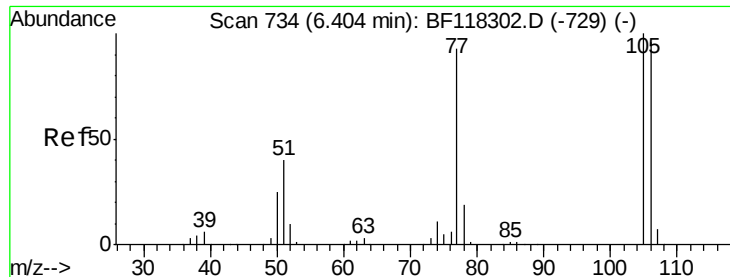
130 31.8 13.2 53.2

64 39.2 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: 14.835 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

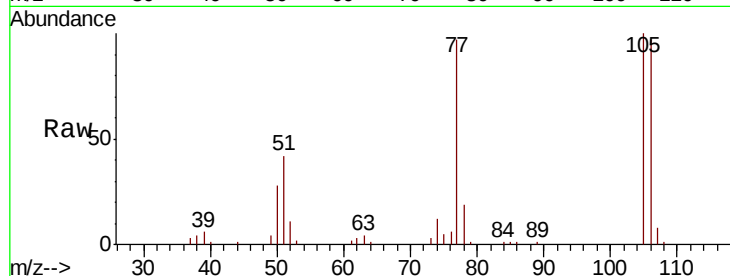
Tot Ion: 77 Resp: 69591

Ion Ratio Lower Upper

77 100

105 102.6 87.5 127.5

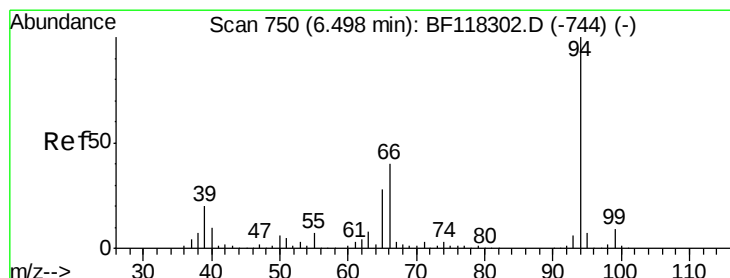
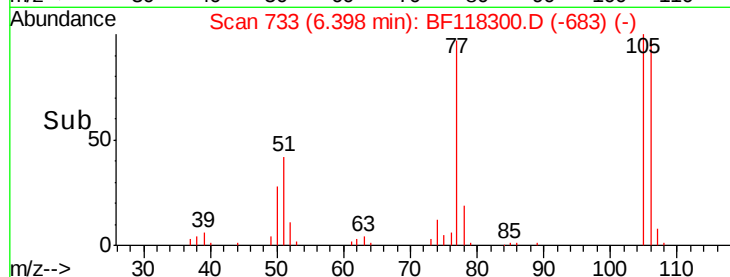
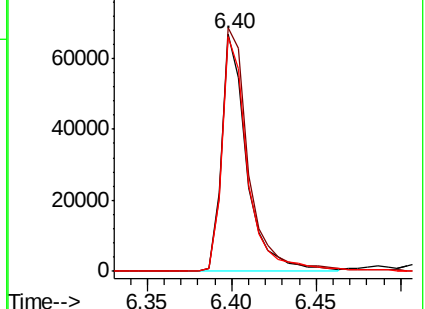
106 99.1 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 11.563 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

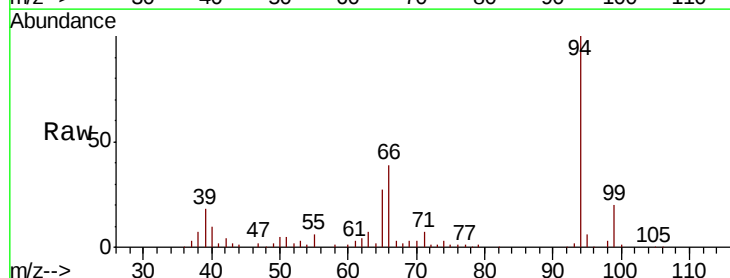
Tgt Ion: 94 Resp: 121625

Ion Ratio Lower Upper

94 100

65 27.3 7.8 47.8

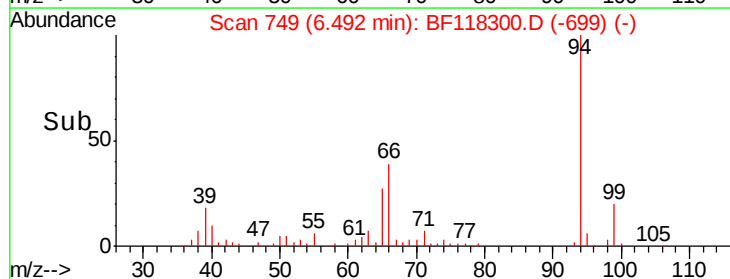
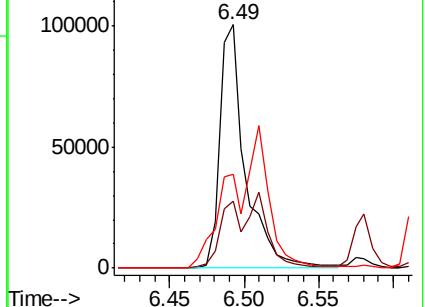
66 38.7 20.4 60.4

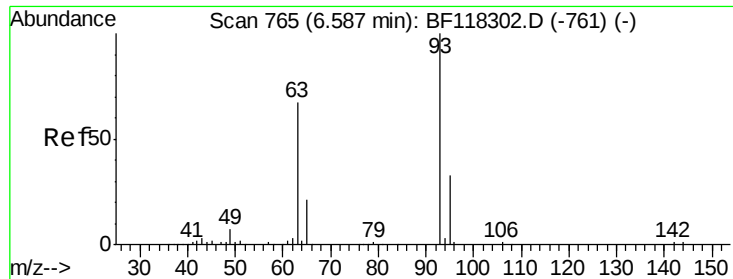


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

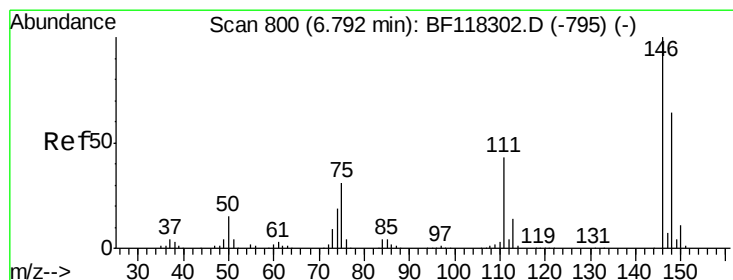
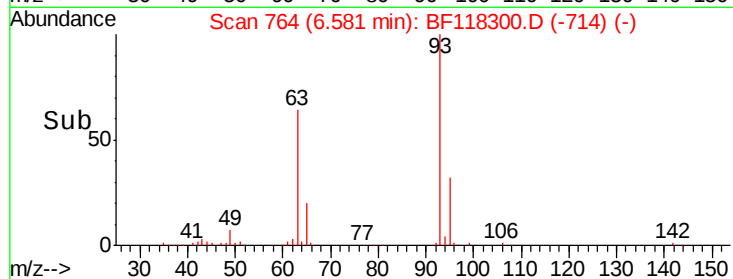
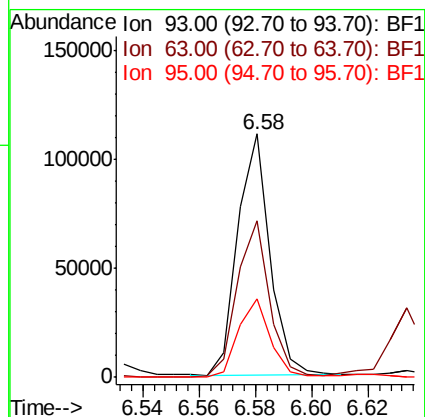
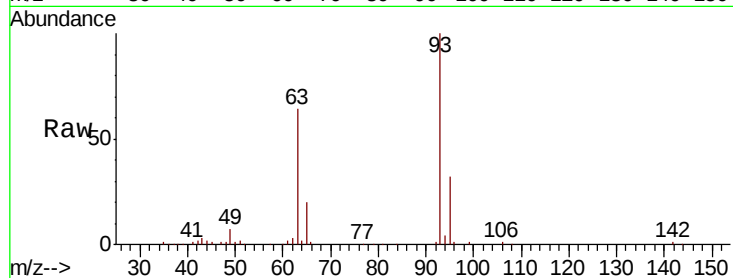




#11
 bis(2-Chloroethyl)ether
 Concen: 11.468 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

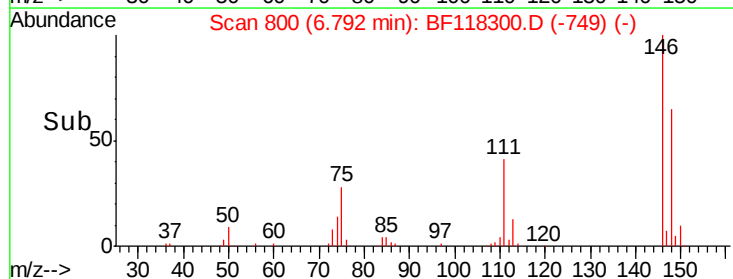
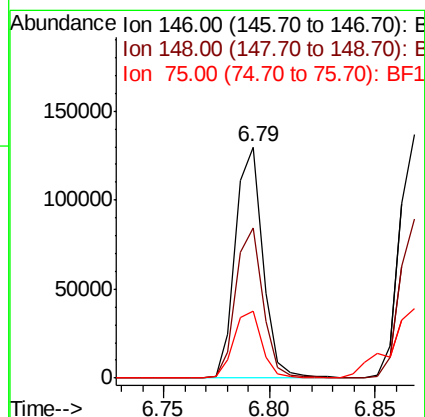
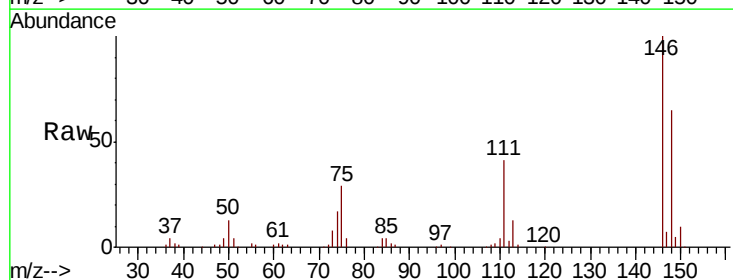
Instrument :
 BNA_E
 ClientSampled :

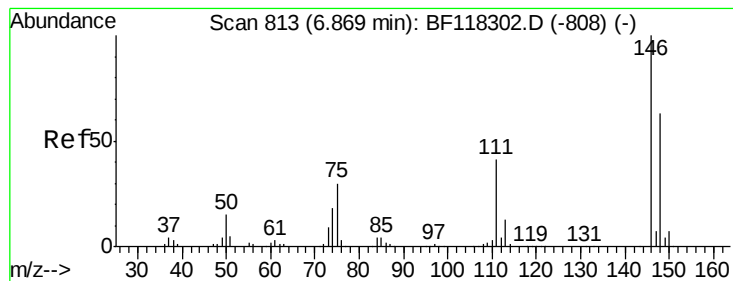
Tot Ion: 93 Resp: 87242
 Ion Ratio Lower Upper
 93 100
 63 64.2 47.0 87.0
 95 32.3 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 11.581 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Tgt Ion: 146 Resp: 116331
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.0
 75 28.9 24.4 36.6





#13

1,4-Dichlorobenzene

Concen: 11.822 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

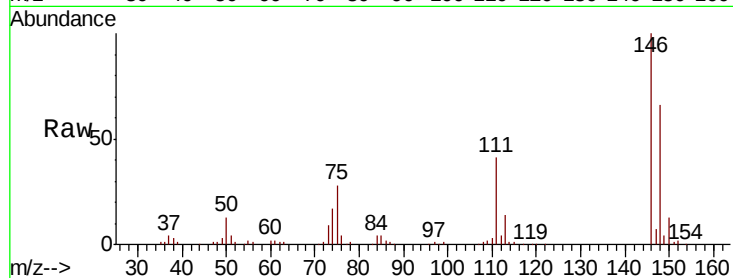
Tot Ion:146 Resp: 119579

Ion Ratio Lower Upper

146 100

148 65.6 50.3 75.5

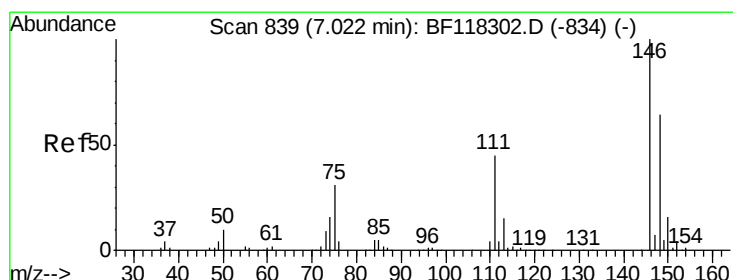
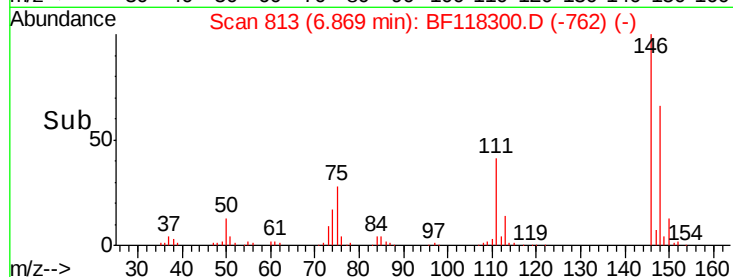
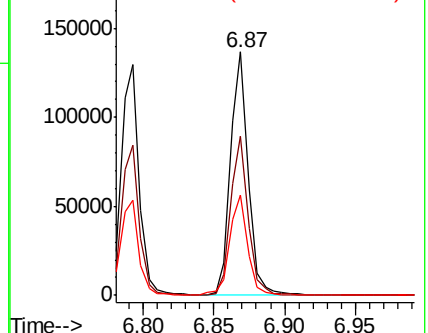
111 41.0 32.8 49.2



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: 11.972 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

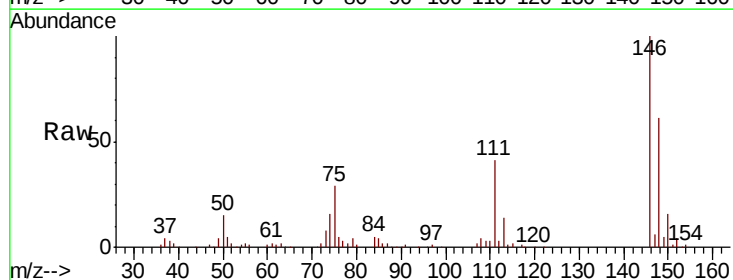
Tgt Ion:146 Resp: 113720

Ion Ratio Lower Upper

146 100

148 61.2 51.3 76.9

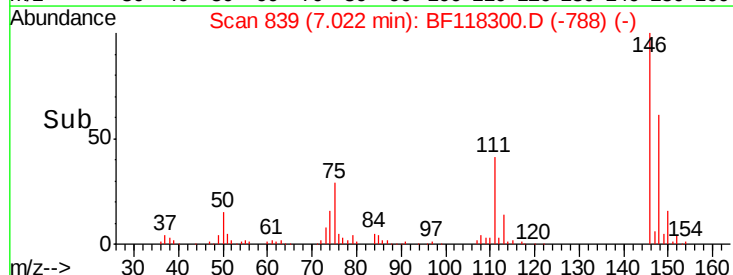
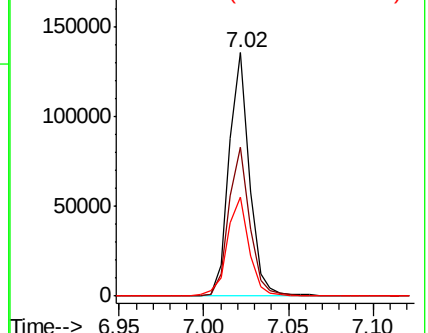
111 40.9 35.7 53.5

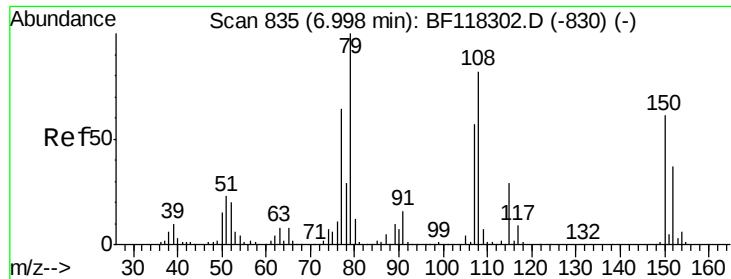


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 11.259 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :
BNA_E
ClientSampled :

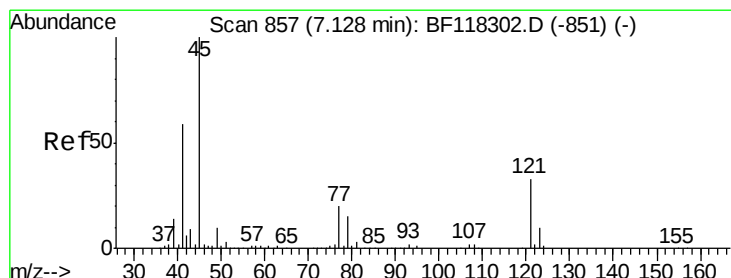
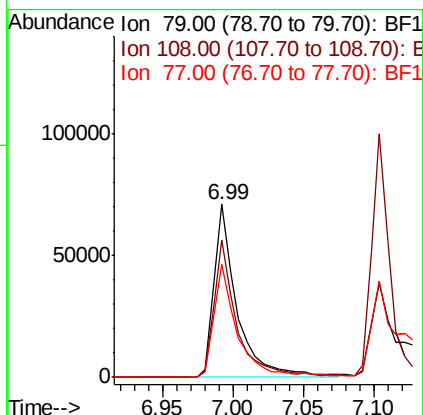
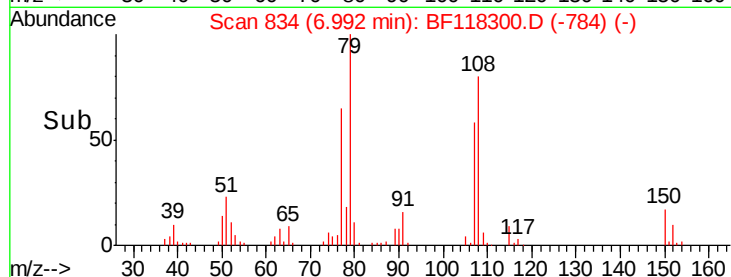
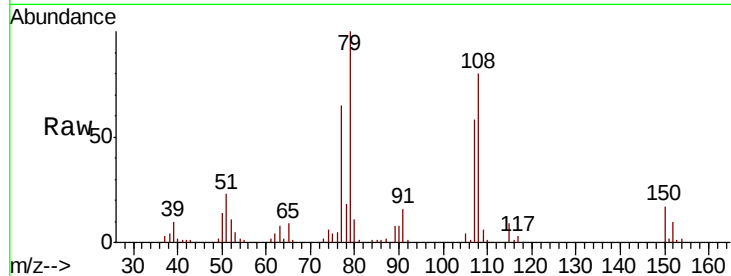
Tot Ion: 79 Resp: 81062

Ion Ratio Lower Upper

79 100

108 79.7 65.4 98.0

77 65.1 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.345 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

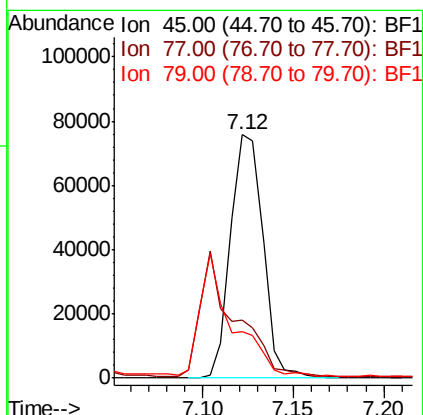
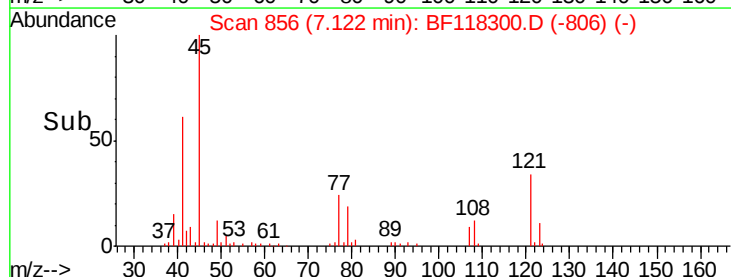
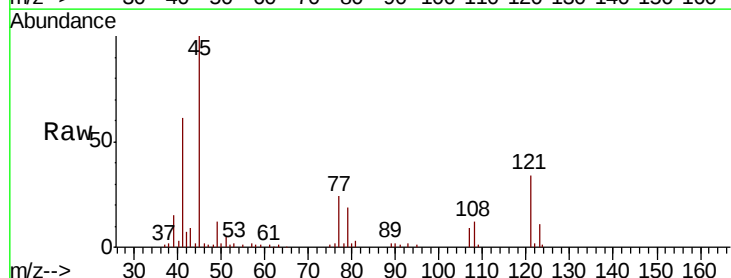
Tgt Ion: 45 Resp: 94630

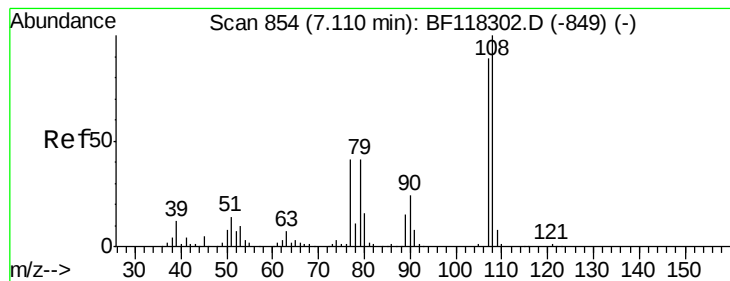
Ion Ratio Lower Upper

45 100

77 23.7 1.2 41.2

79 19.0 0.0 37.0





#17

2-Methylphenol

Concen: 11.454 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:107 Resp: 78333

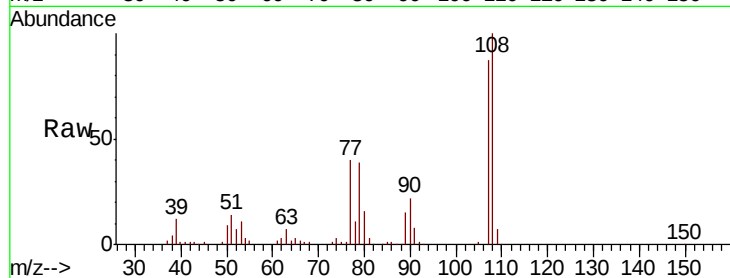
Ion Ratio Lower Upper

107 100

108 115.0 89.7 134.5

77 45.6 37.2 55.8

79 44.5 36.7 55.1

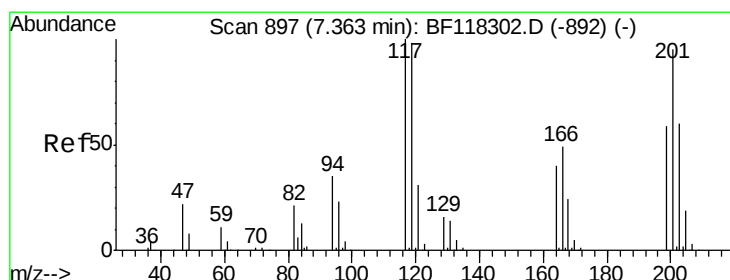
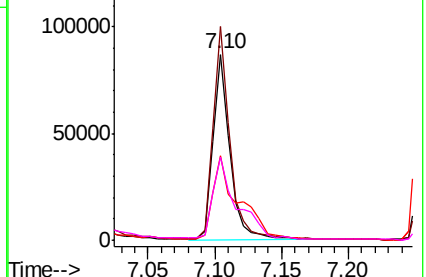
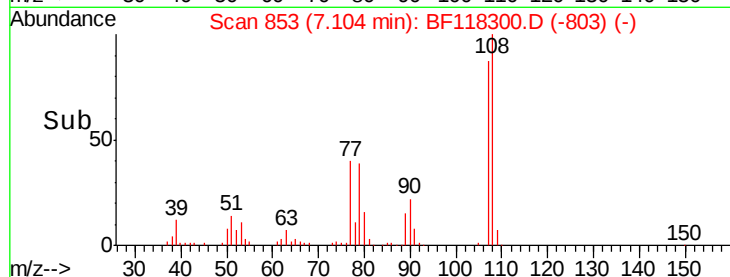


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 11.531 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

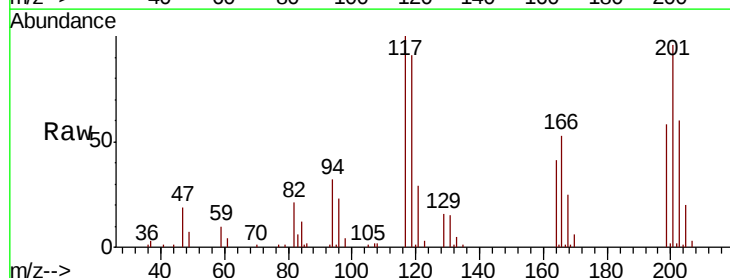
Tgt Ion:117 Resp: 42976

Ion Ratio Lower Upper

117 100

119 91.0 78.0 117.0

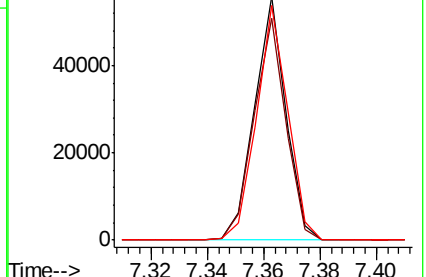
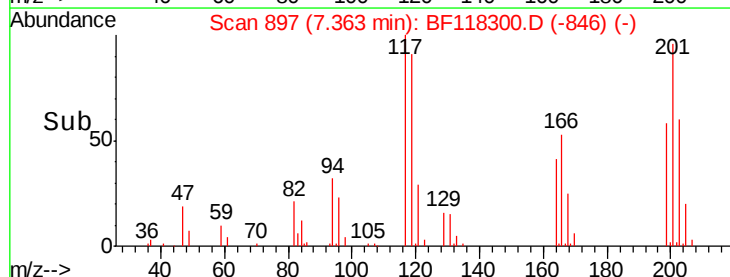
201 96.5 76.2 114.2

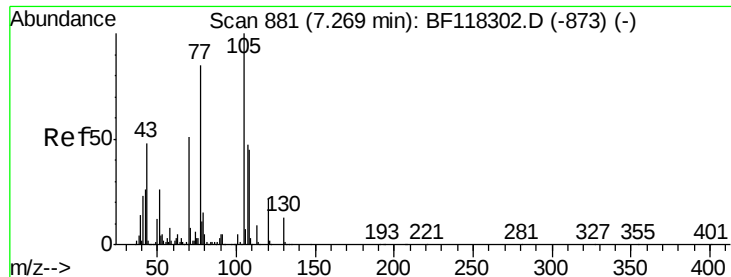


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

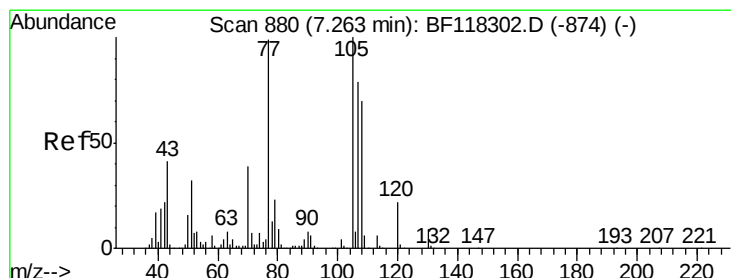
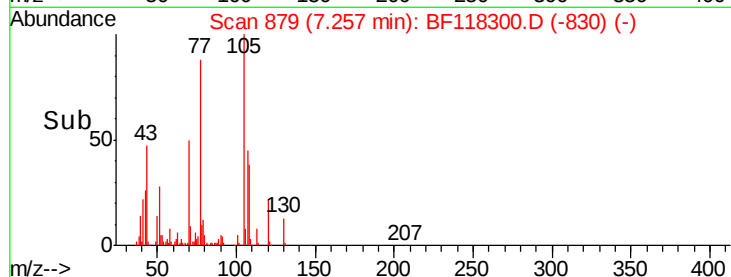
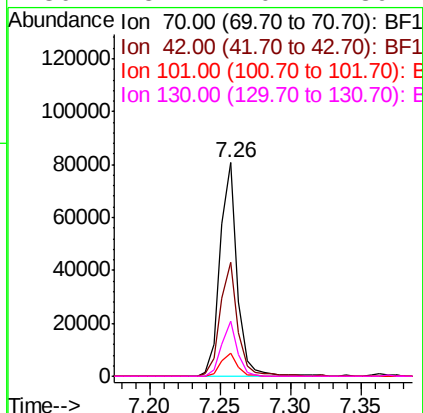
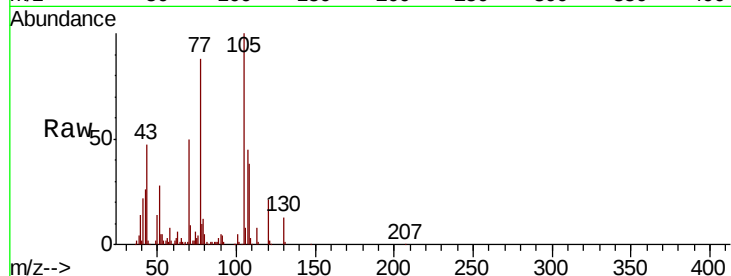




#19
n-Nitroso-di-n-propylamine
Concen: 12.184 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

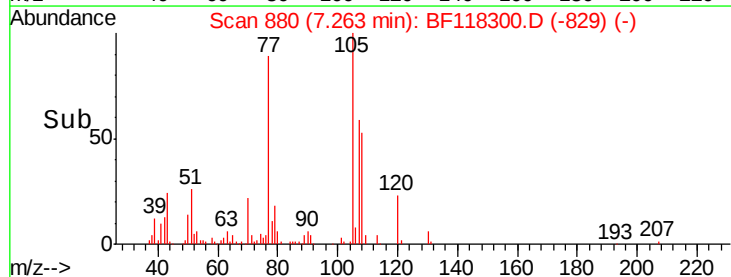
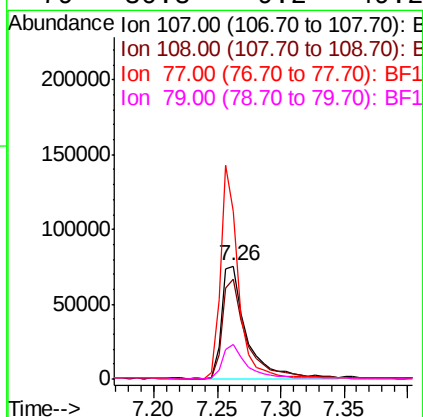
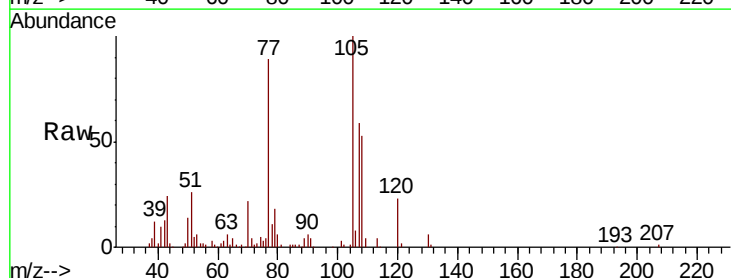
Instrument :
BNA_E
ClientSampleId :

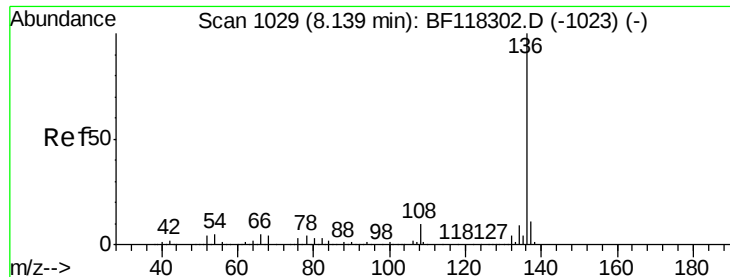
Tot Ion: 70 Resp: 68289
Ion Ratio Lower Upper
70 100
42 53.1 41.1 61.7
101 10.9 8.3 12.5
130 25.7 20.1 30.1



#20
3+4-Methylphenols
Concen: 12.175 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:107 Resp: 104588
Ion Ratio Lower Upper
107 100
108 88.9 69.3 109.3
77 149.1 105.9 145.9#
79 30.8 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: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 550175

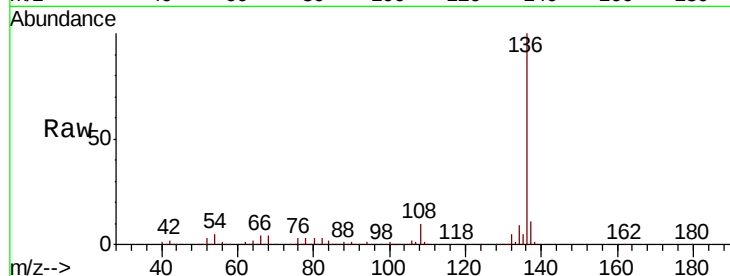
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.1 4.2 6.4

68 4.2 3.5 5.3

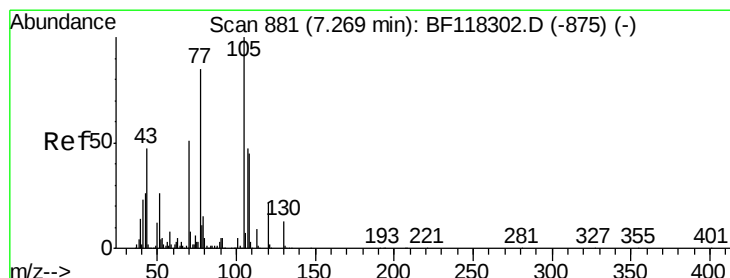
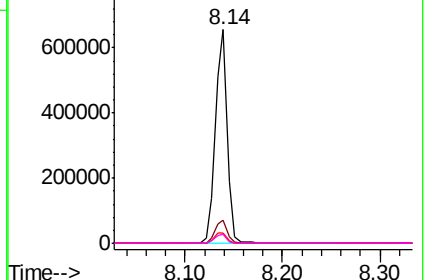
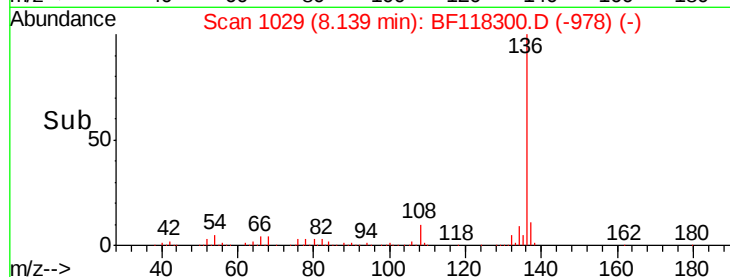


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 11.200 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Tgt Ion:105 Resp: 148042

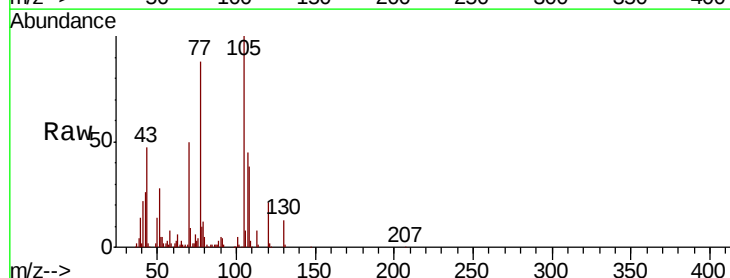
Ion Ratio Lower Upper

105 100

71 8.7 6.6 9.8

51 28.0 20.6 30.8

120 20.9 18.0 27.0

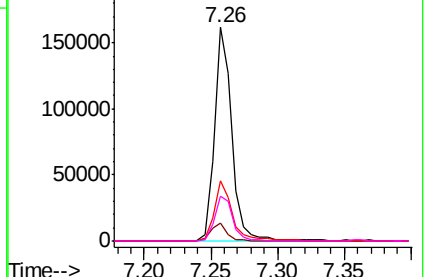
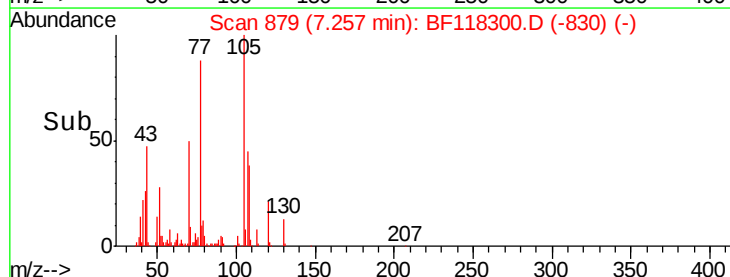


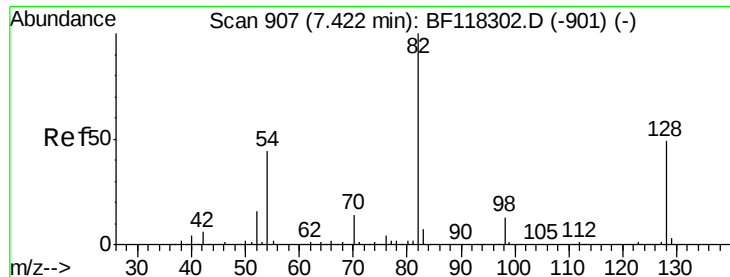
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

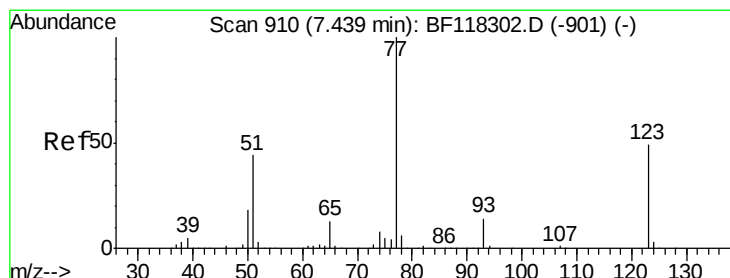
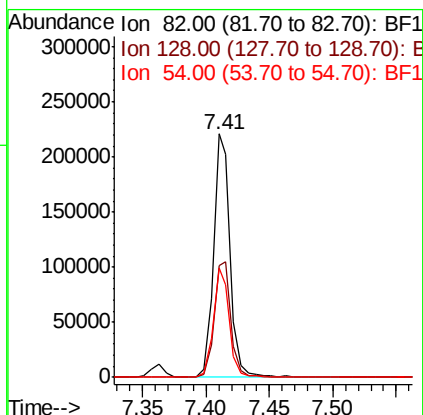
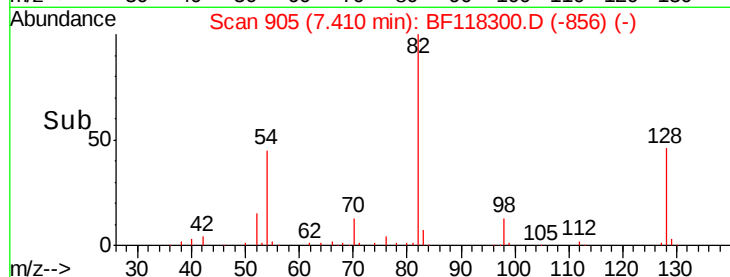
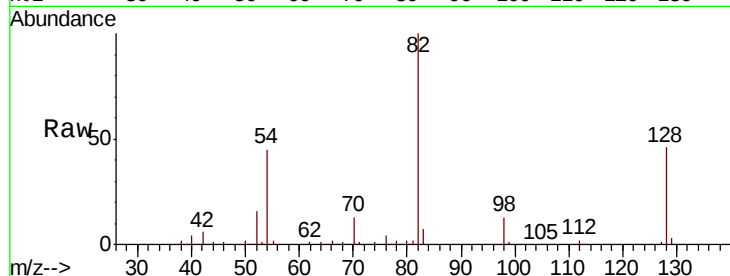




#23
 Nitrobenzene-d5
 Concen: 20.882 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

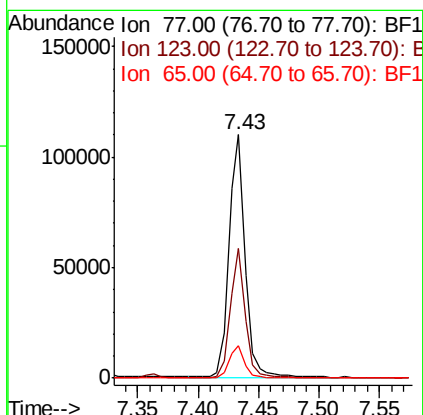
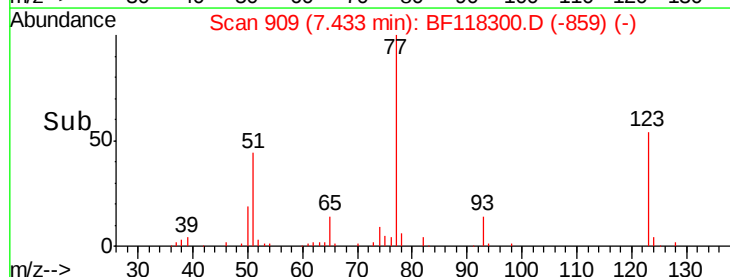
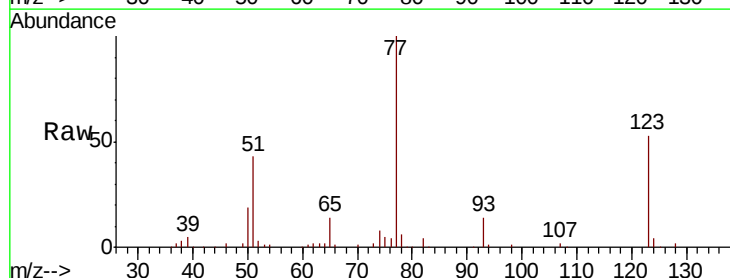
Instrument :
 BNA_E
 ClientSampled :

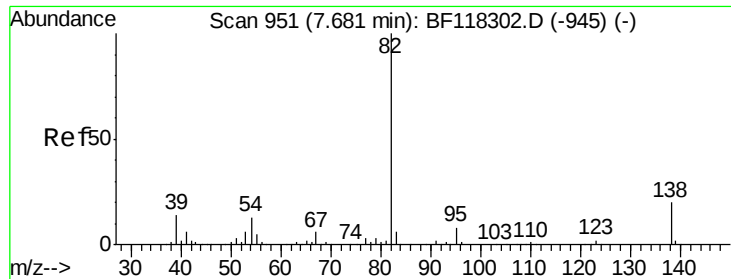
Tot Ion: 82 Resp: 204220
 Ion Ratio Lower Upper
 82 100
 128 46.1 39.6 59.4
 54 45.1 34.9 52.3



#24
 Nitrobenzene
 Concen: 10.552 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Tgt Ion: 77 Resp: 101390
 Ion Ratio Lower Upper
 77 100
 123 53.3 39.1 58.7
 65 13.5 10.6 16.0

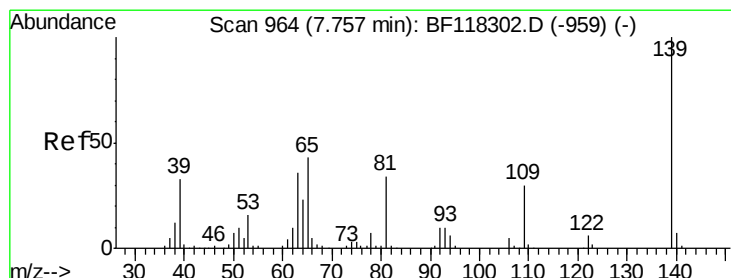
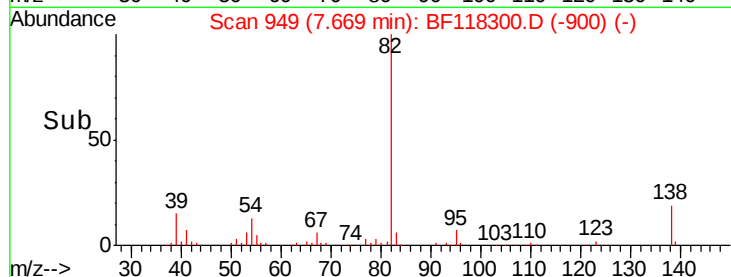
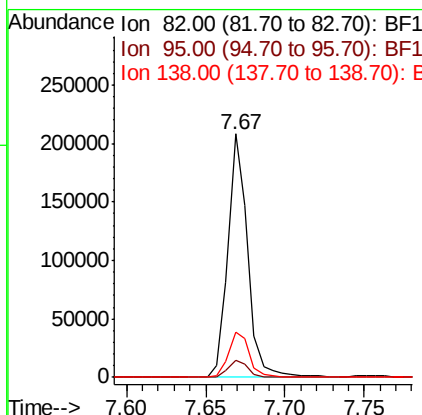
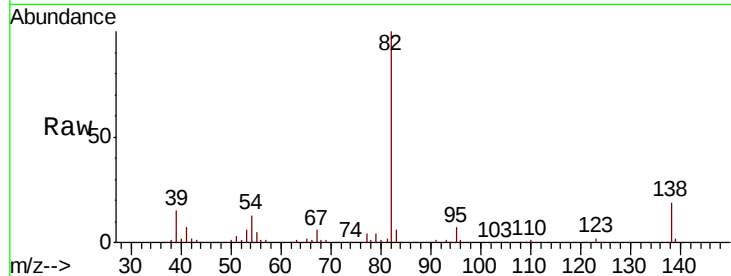




#25
Isophorone
Concen: 10.825 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

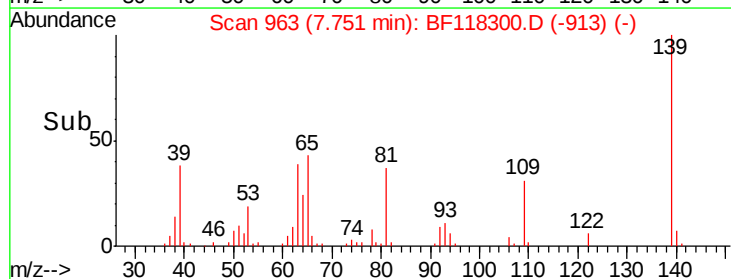
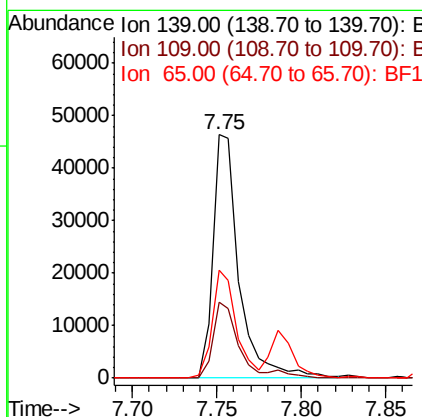
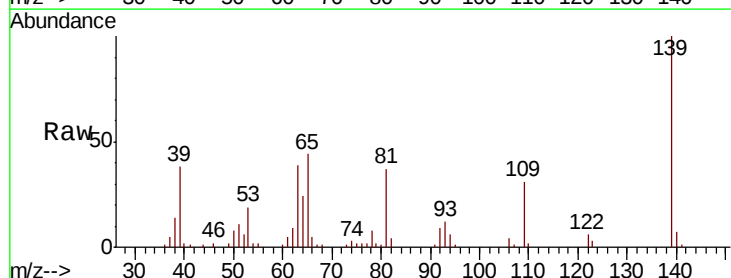
Instrument :
BNA_E
ClientSampleId :

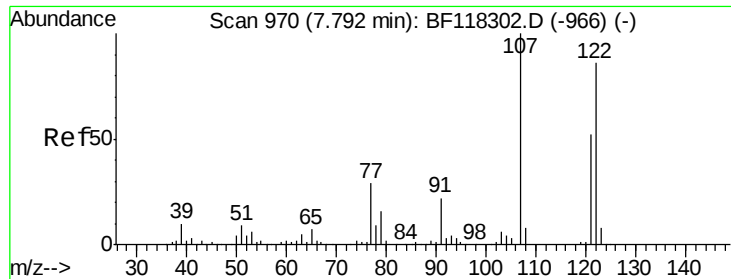
Tot Ion: 82 Resp: 179457
Ion Ratio Lower Upper
82 100
95 6.9 6.3 9.5
138 18.6 16.2 24.2



#26
2-Nitrophenol
Concen: 9.806 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion: 139 Resp: 50359
Ion Ratio Lower Upper
139 100
109 31.2 24.1 36.1
65 44.2 34.6 52.0

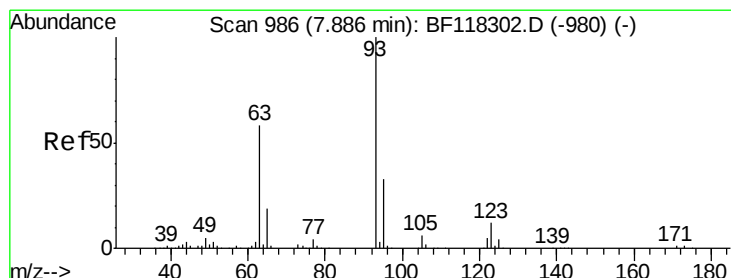
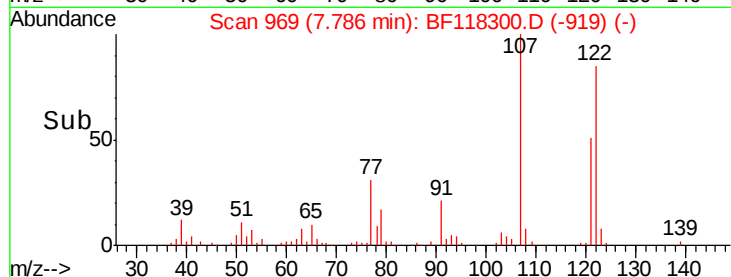
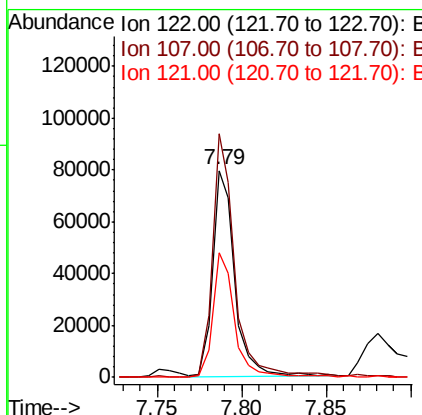
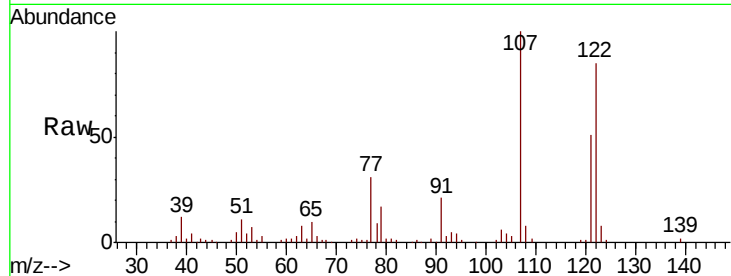




#27
 2,4-Dimethylphenol
 Concen: 10.725 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

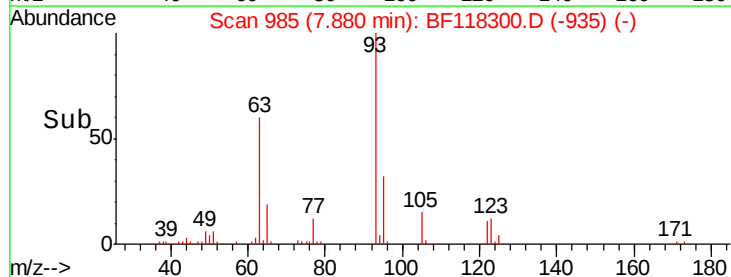
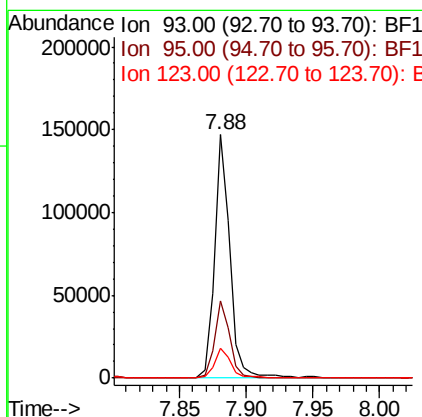
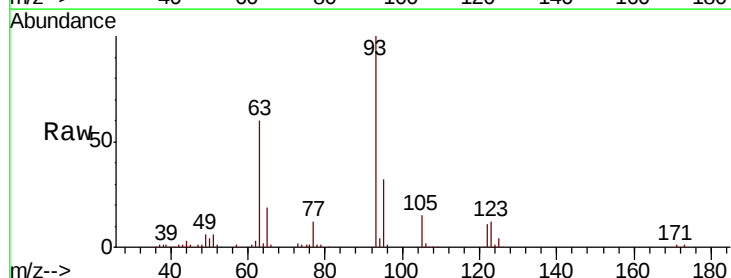
Instrument :
 BNA_E
 ClientSampleId :

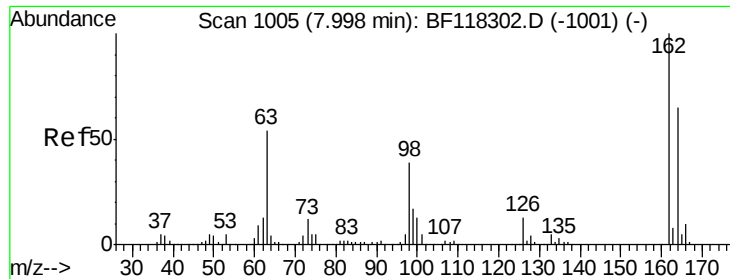
Tot Ion:122 Resp: 73471
 Ion Ratio Lower Upper
 122 100
 107 117.6 92.9 139.3
 121 60.2 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.058 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Tgt Ion: 93 Resp: 119786
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.2 39.4
 123 12.4 9.8 14.8

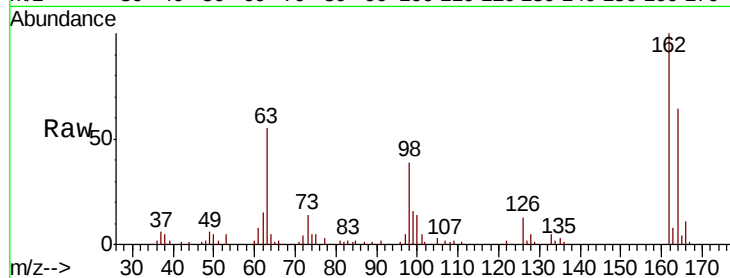




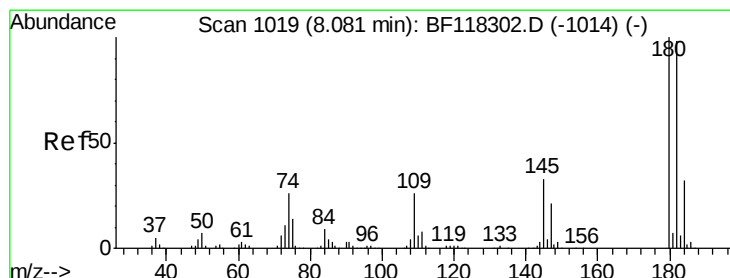
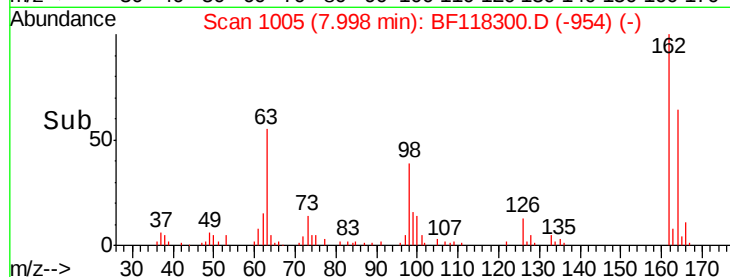
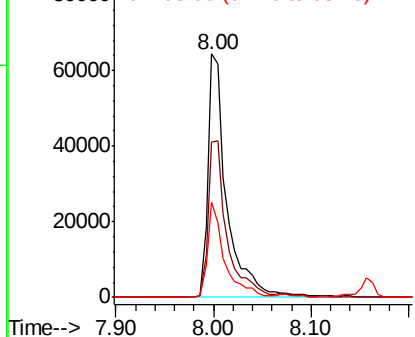
#29
2,4-Dichlorophenol
Concen: 10.799 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:162 Resp: 86239
Ion Ratio Lower Upper
162 100
164 63.8 45.1 85.1
98 38.9 18.6 58.6

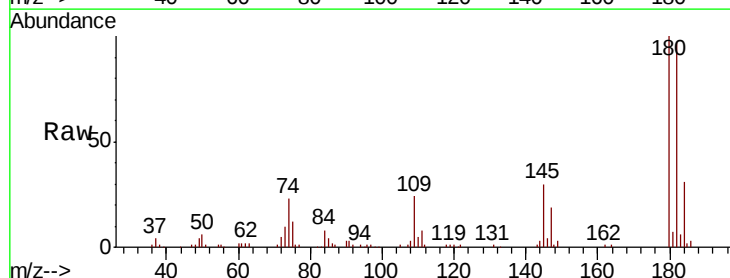


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

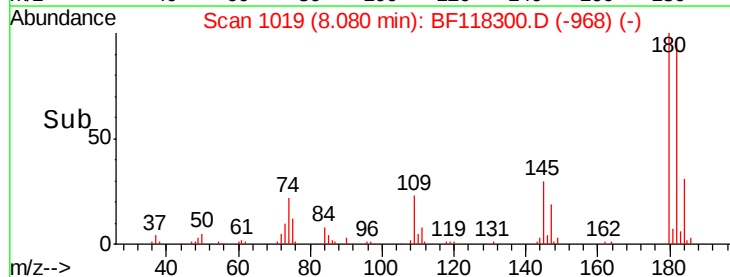
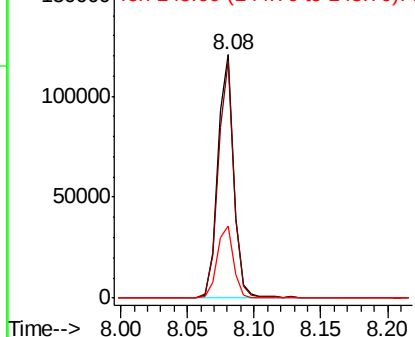


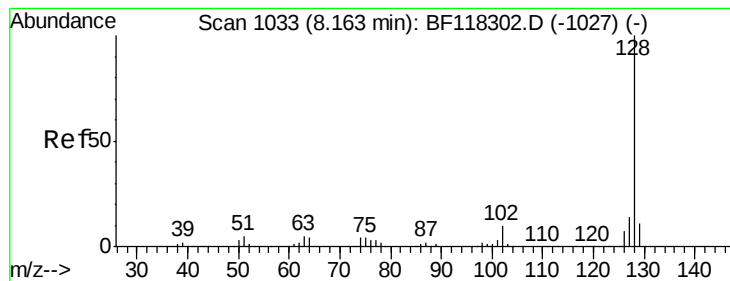
#30
1,2,4-Trichlorobenzene
Concen: 10.931 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:180 Resp: 102016
Ion Ratio Lower Upper
180 100
182 97.2 78.3 117.5
145 29.8 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 11.327 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampled :

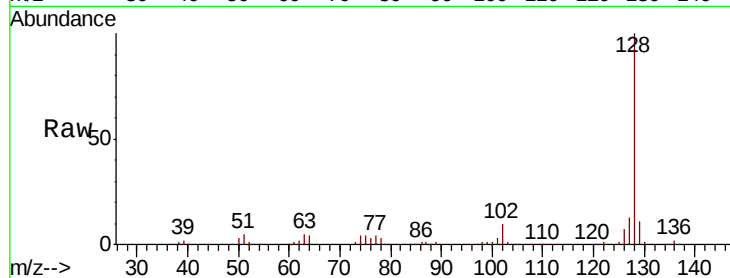
Tot Ion:128 Resp: 312968

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

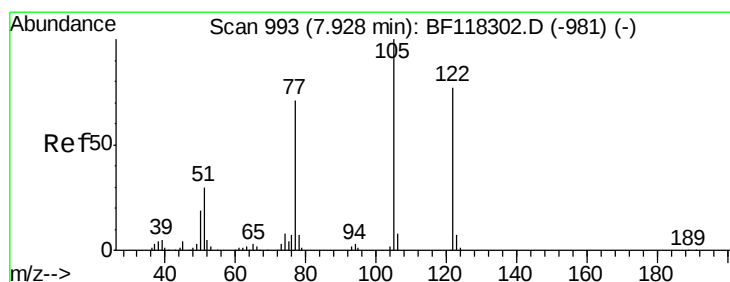
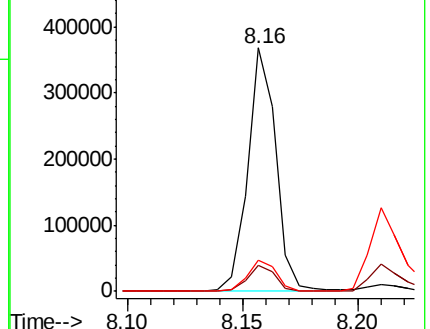
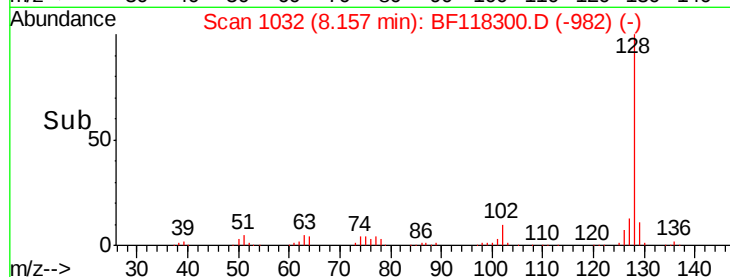
127 12.8 11.0 16.4



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: 5.841 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.05 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

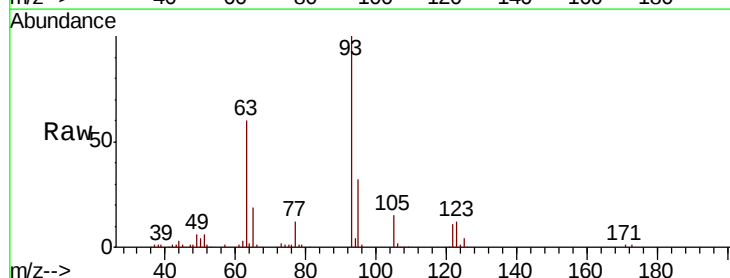
Tgt Ion:122 Resp: 36127

Ion Ratio Lower Upper

122 100

105 128.7 106.8 146.8

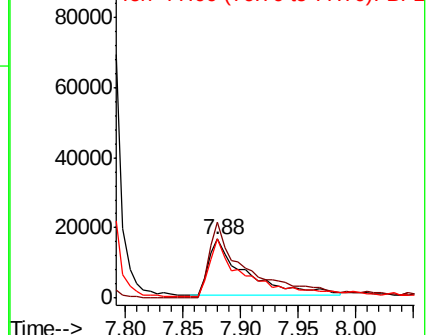
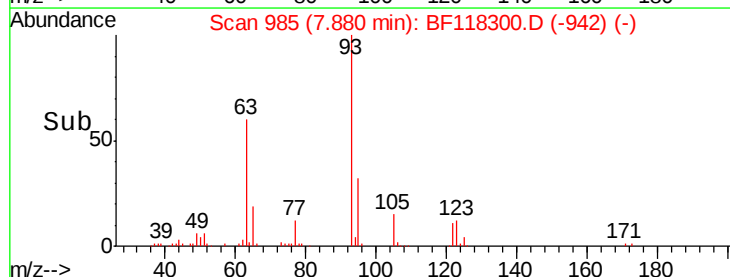
77 101.0 70.4 110.4

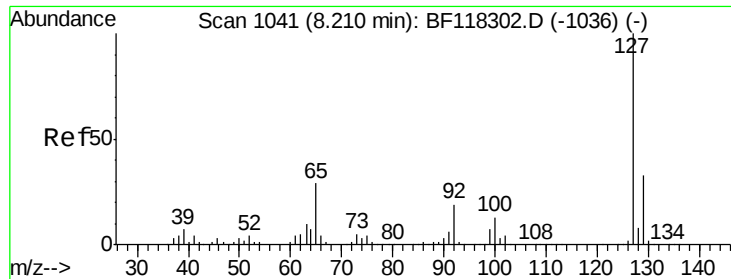


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

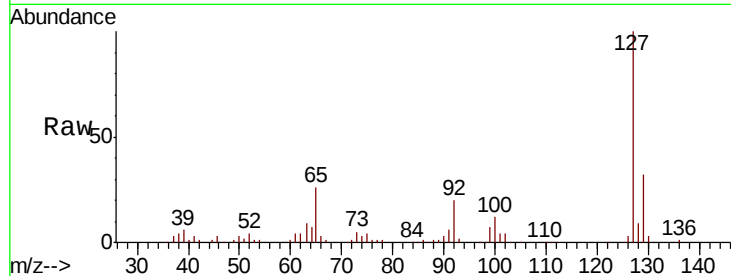




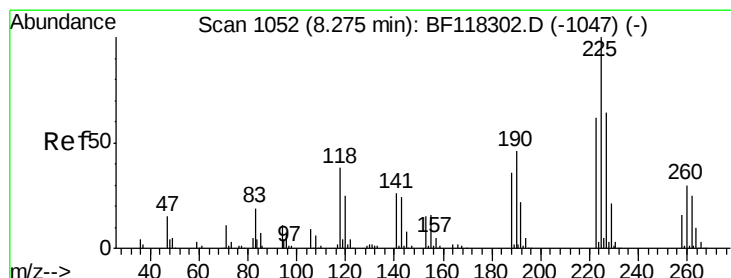
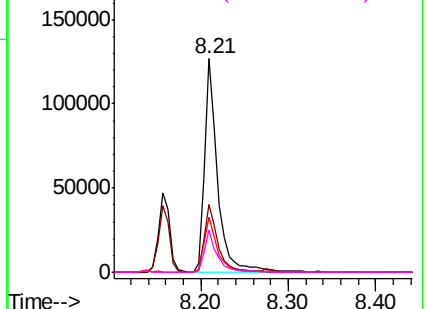
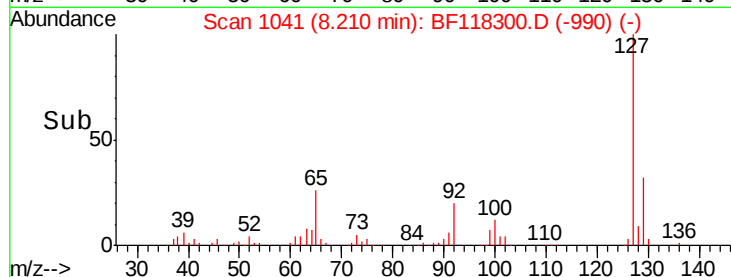
#33
4-Chloroaniline
Concen: 11.052 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:	127	Resp:	131861
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	26.0	22.8	34.2
92	19.6	15.5	23.3

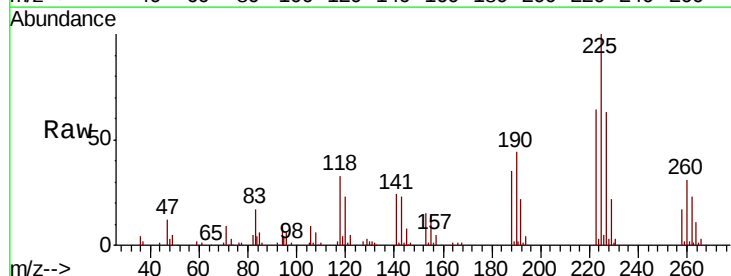


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

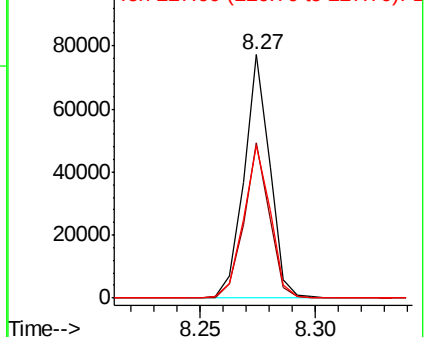
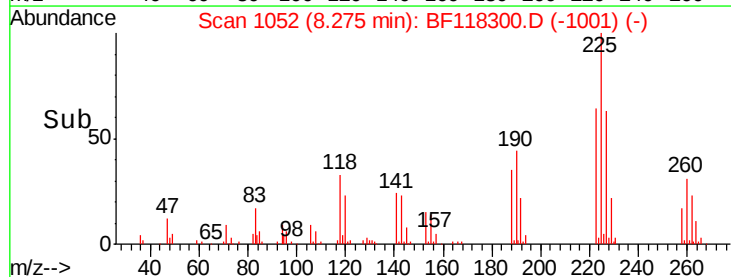


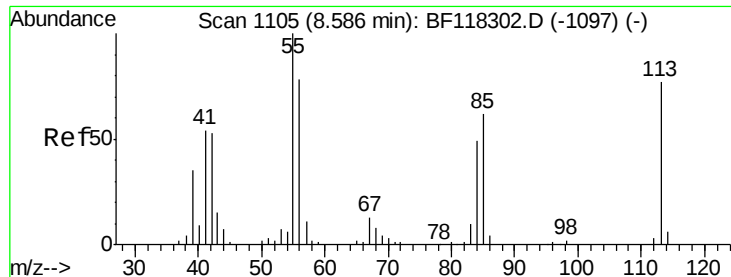
#34
Hexachlorobutadiene
Concen: 10.739 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:	225	Resp:	60098
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.5	74.3
227	63.0	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

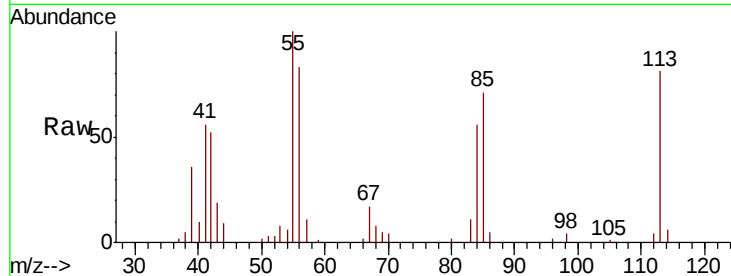




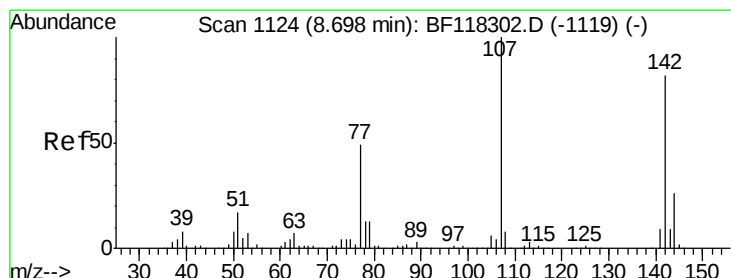
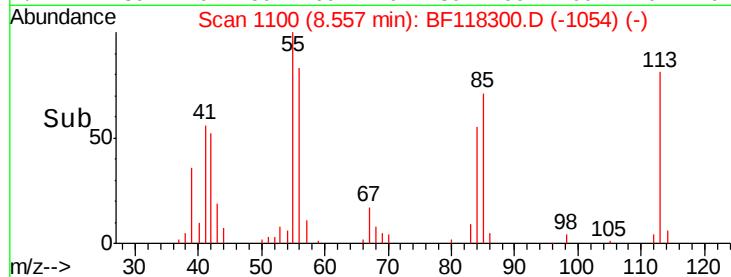
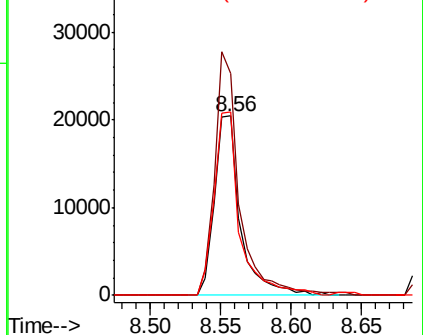
#35
 Caprolactam
 Concen: 10.639 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.03 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:113 Resp: 26202
 Ion Ratio Lower Upper
 113 100
 55 123.7 109.8 149.8
 56 102.4 81.7 121.7

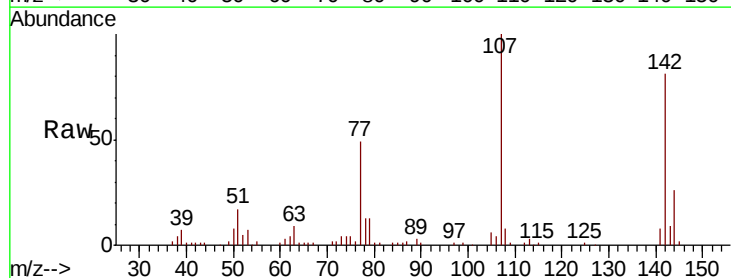


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

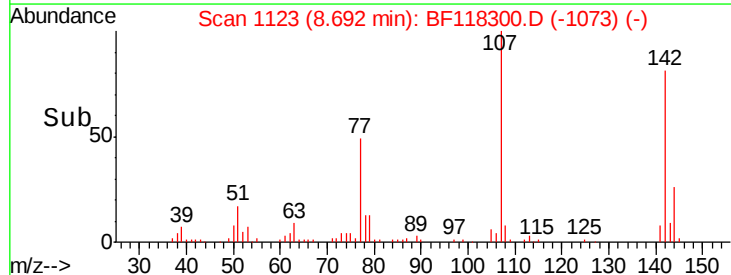
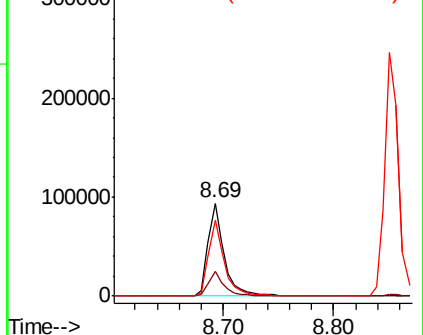


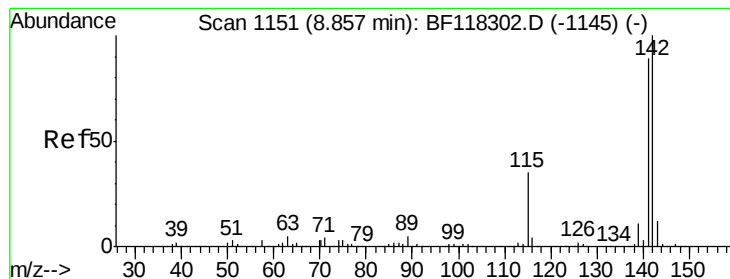
#36
 4-Chloro-3-methylphenol
 Concen: 11.080 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Tgt Ion:107 Resp: 93117
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.2 31.8
 142 81.1 65.4 98.2



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





#37

2-Methylnaphthalene

Concen: 11.433 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

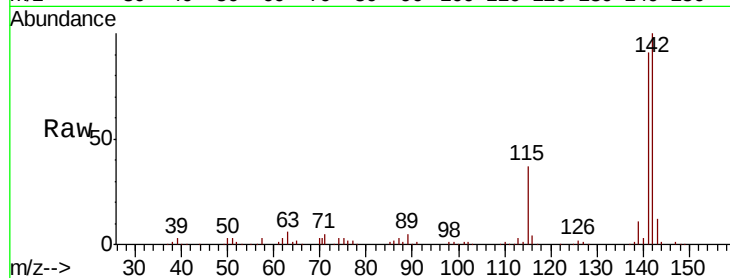
Tot Ion:142 Resp: 213873

Ion Ratio Lower Upper

142 100

141 90.9 71.2 106.8

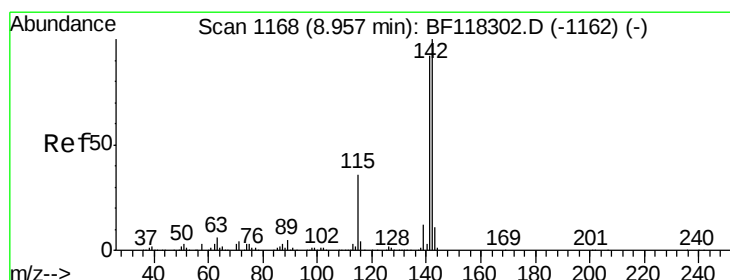
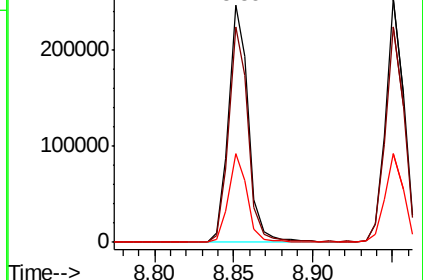
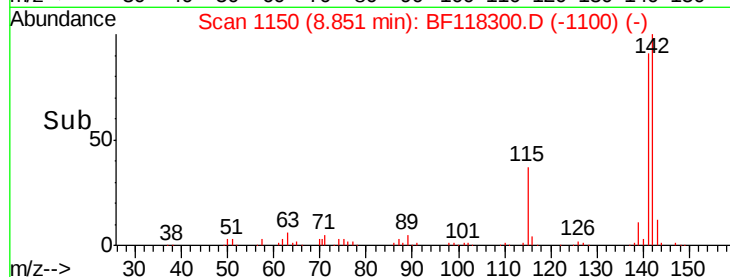
115 37.3 28.0 42.0



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: 11.558 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

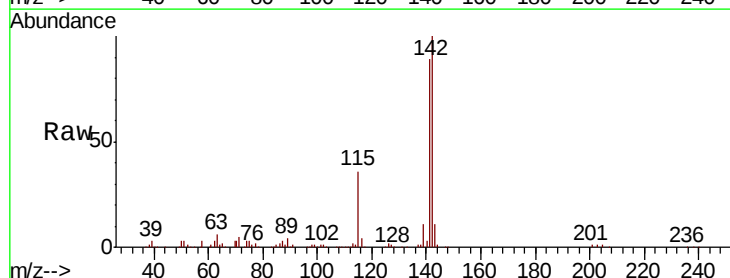
Tgt Ion:142 Resp: 202999

Ion Ratio Lower Upper

142 100

141 88.7 73.4 110.2

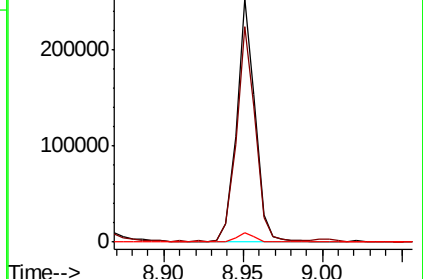
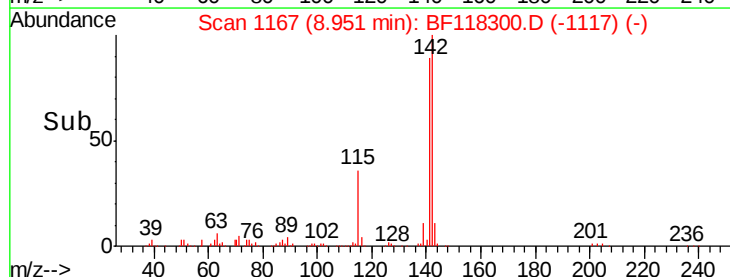
116 3.8 2.9 4.3

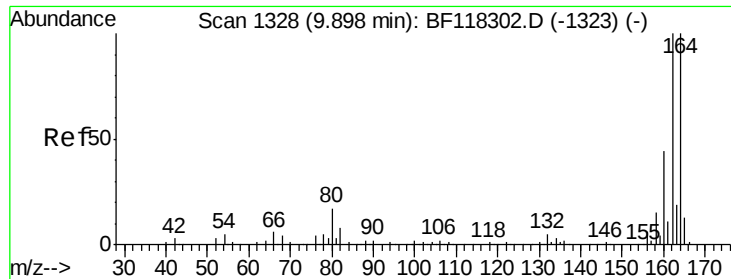


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

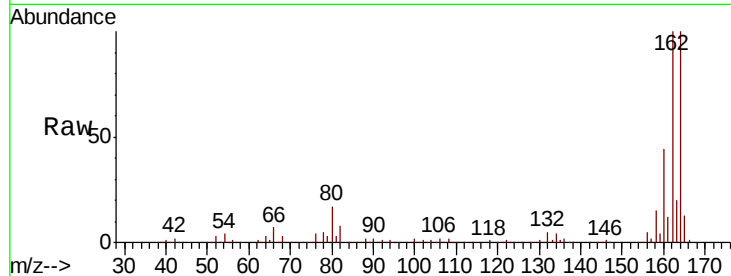




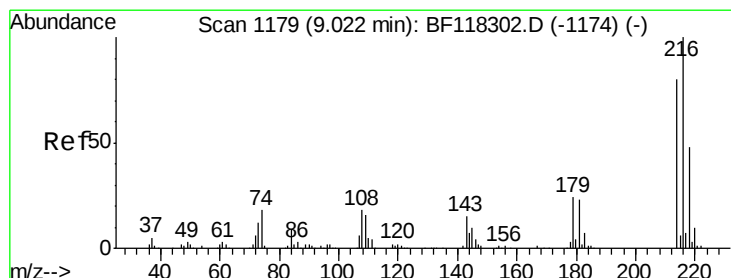
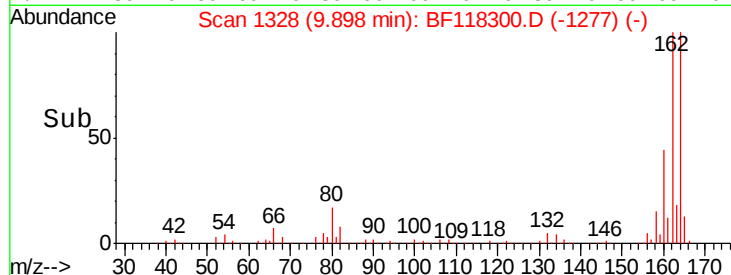
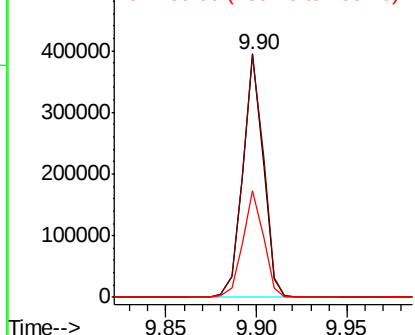
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 308234
Ion Ratio Lower Upper
164 100
162 99.7 80.0 120.0
160 43.7 34.8 52.2

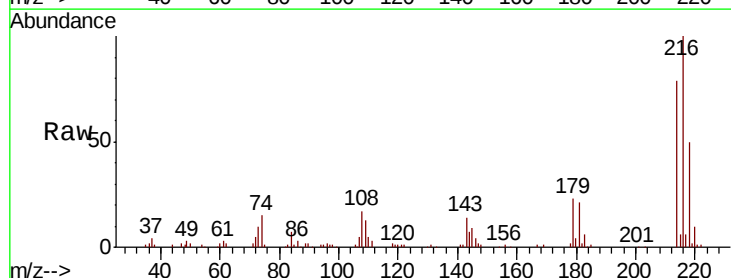


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

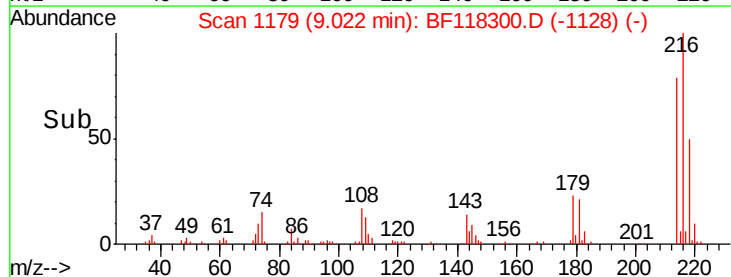
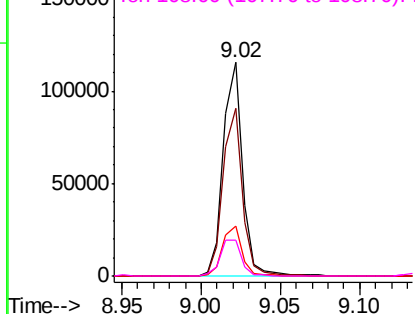


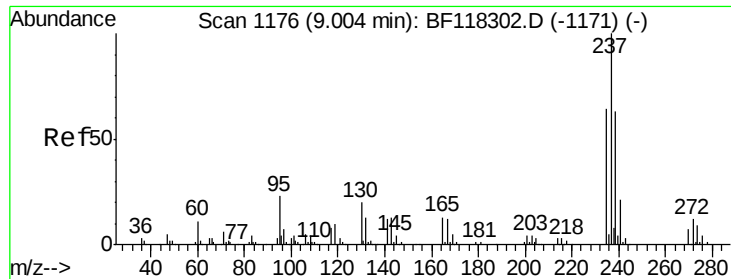
#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.476 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:216 Resp: 97819
Ion Ratio Lower Upper
216 100
214 78.9 63.3 94.9
179 23.4 18.9 28.3
108 18.3 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: 3.642 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

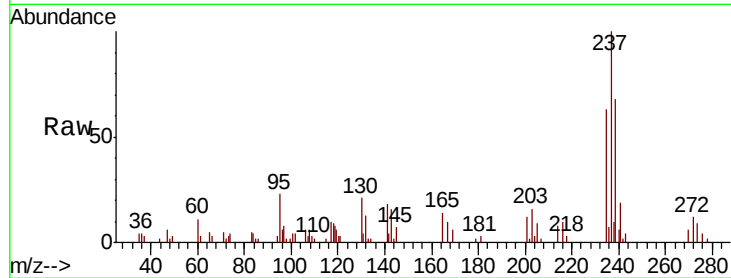
Tot Ion:237 Resp: 15236

Ion Ratio Lower Upper

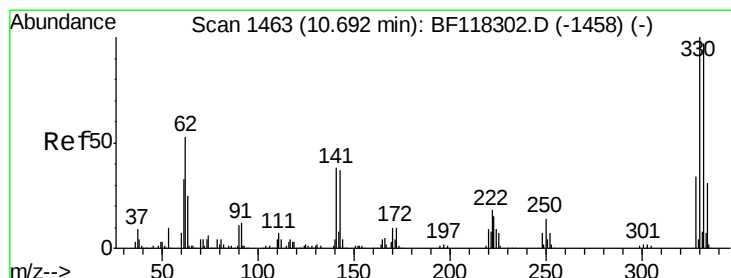
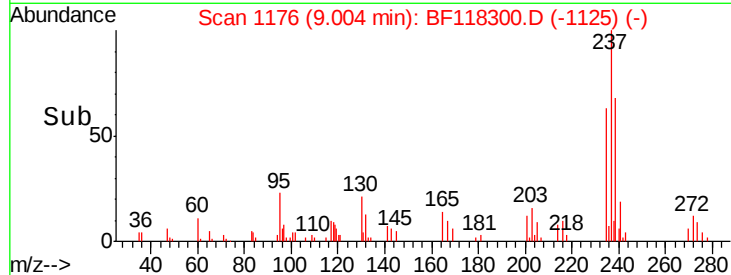
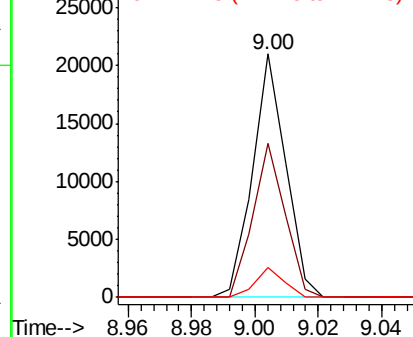
237 100

235 63.1 43.8 83.8

272 12.1 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: 21.674 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

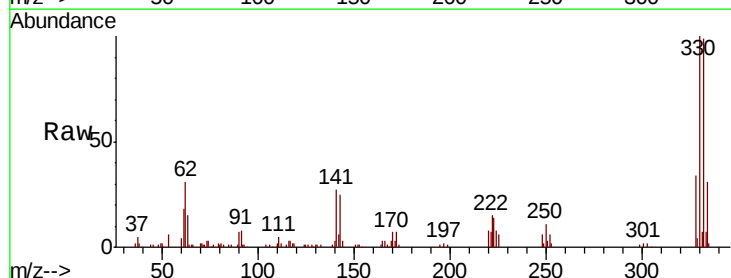
Tgt Ion:330 Resp: 81158

Ion Ratio Lower Upper

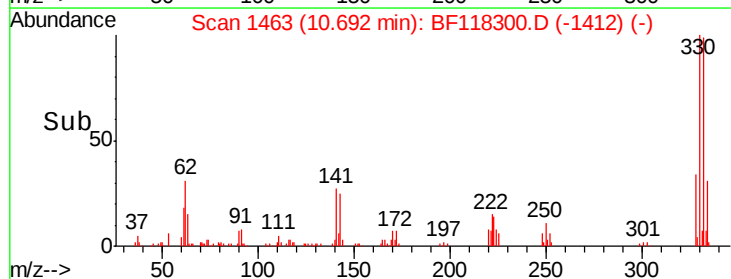
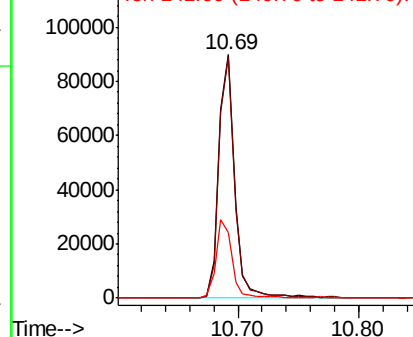
330 100

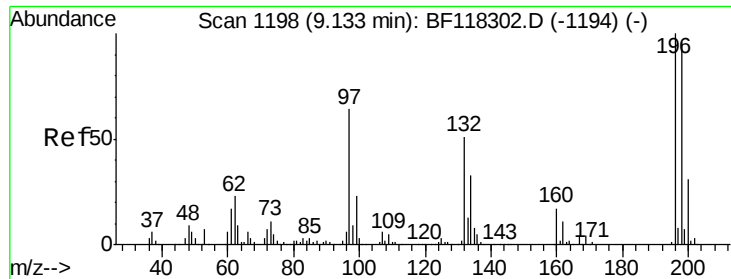
332 97.5 76.6 114.8

141 32.3 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

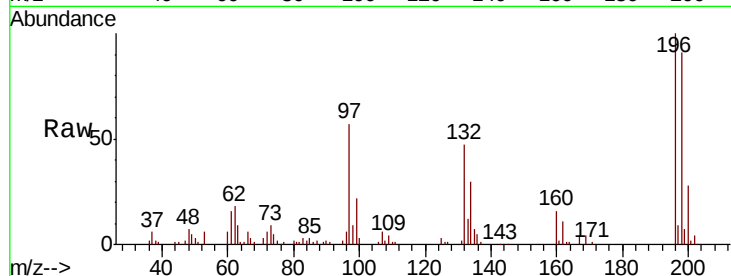




#43
 2,4,6-Trichlorophenol
 Concen: 10.262 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	196	Resp	63977
Ion	Ratio	Lower	Upper
196	100		
198	90.8	76.7	115.1
200	28.2	24.8	37.2

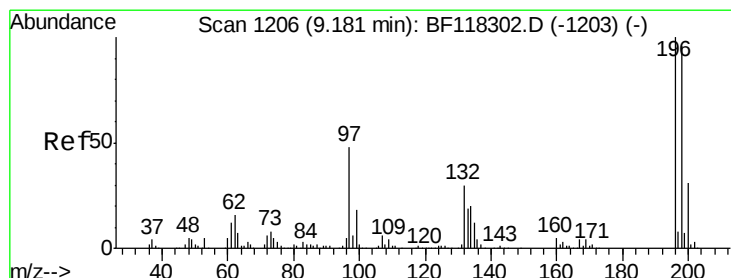
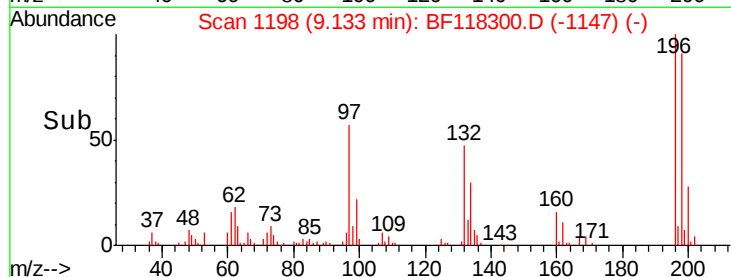
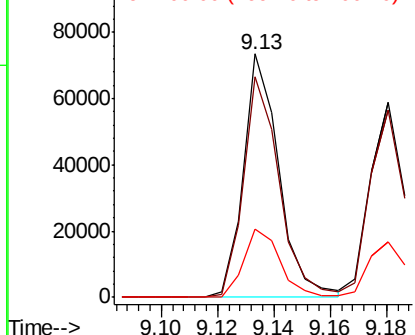


Abundance

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: 10.224 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Tgt Ion	196	Resp	66037
Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.0	115.4
97	44.3	38.9	58.3
132	27.9	23.9	35.9

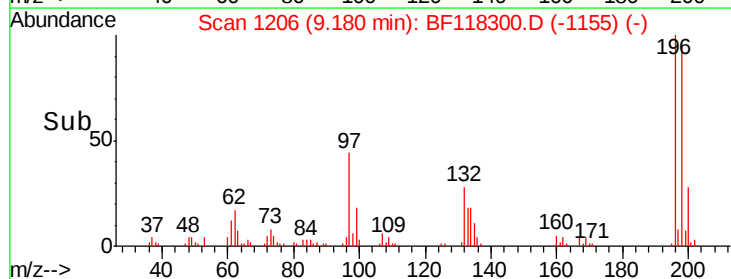
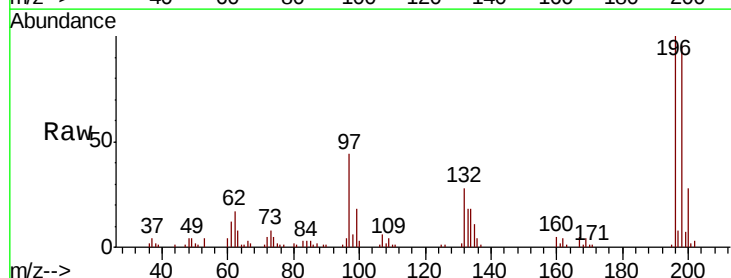
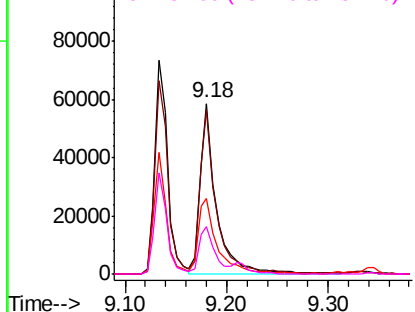
Abundance

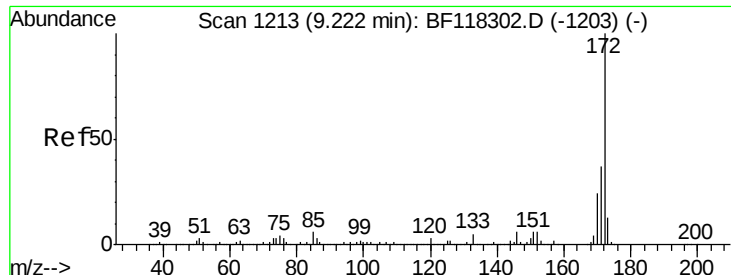
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

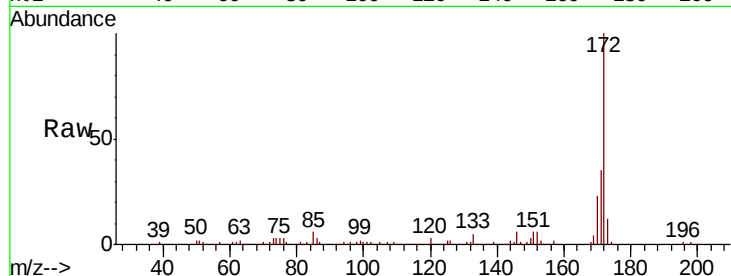




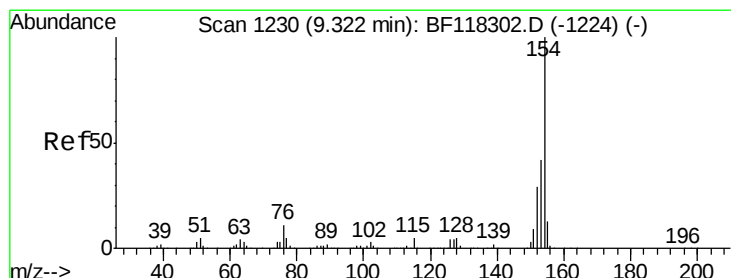
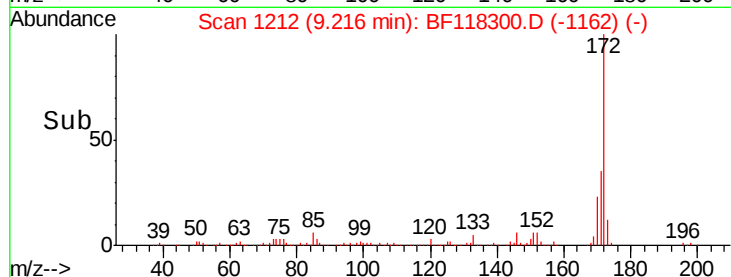
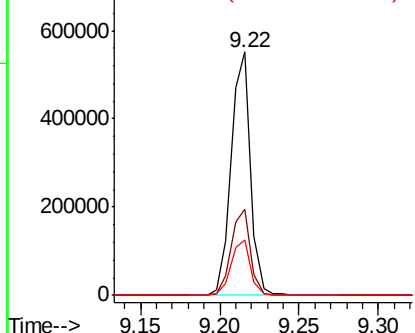
#45
2-Fluorobiphenyl
Concen: 23.048 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 466879
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 22.8 19.2 28.8

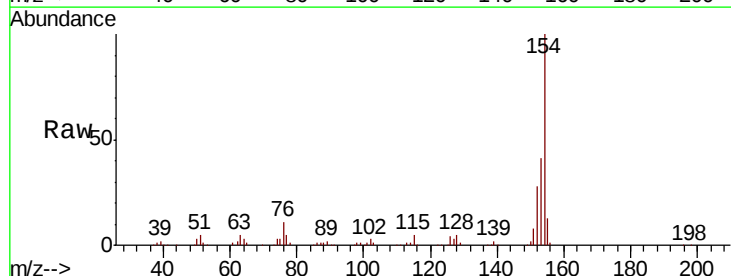


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

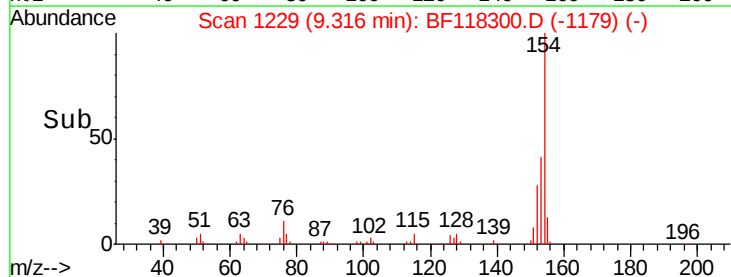
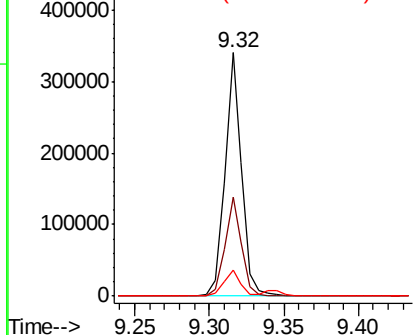


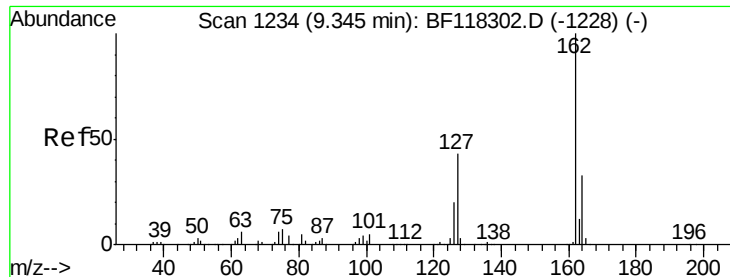
#46
1,1'-Biphenyl
Concen: 10.987 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:154 Resp: 267097
Ion Ratio Lower Upper
154 100
153 40.8 21.8 61.8
76 10.9 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

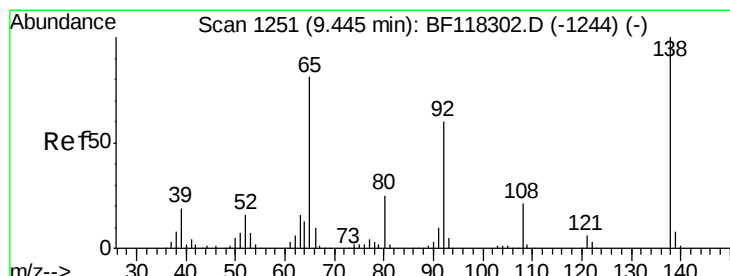
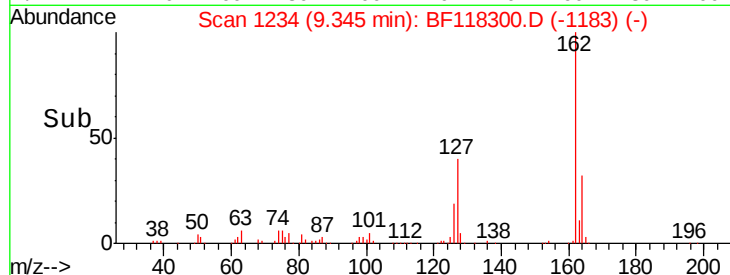
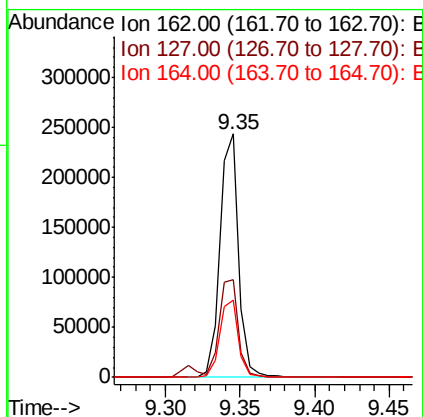
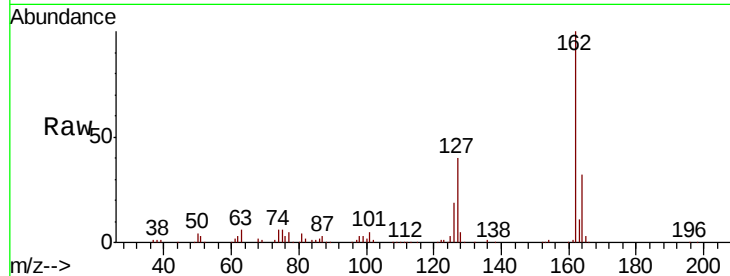




#47
2-Chloronaphthalene
Concen: 10.901 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

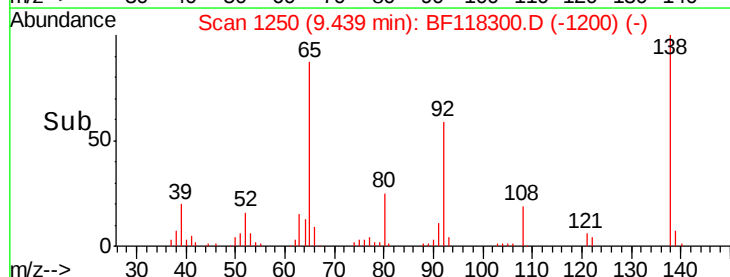
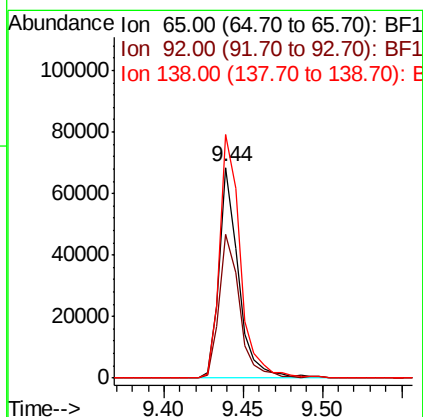
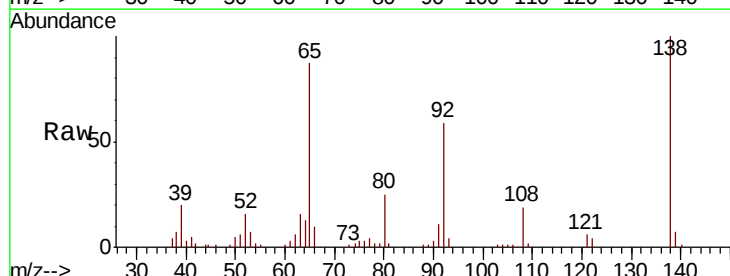
Instrument :
BNA_E
ClientSampleId :

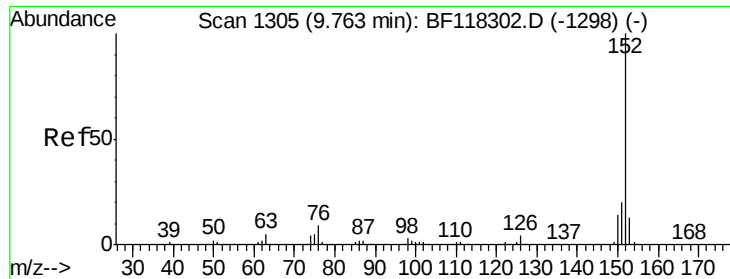
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	35.0	52.4
164	31.7	26.6	40.0



#48
2-Nitroaniline
Concen: 10.380 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	58.7	88.1
138	115.6	98.5	147.7





#49

Acenaphthylene

Concen: 11.364 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

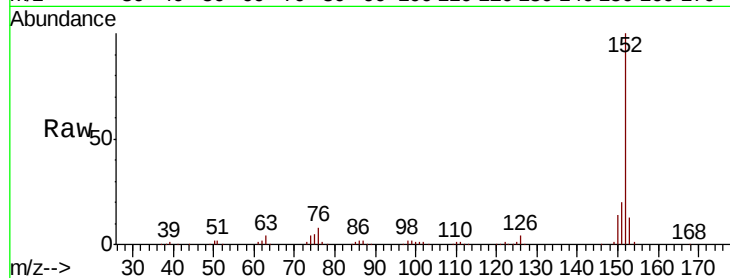
Tot Ion:152 Resp: 327756

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

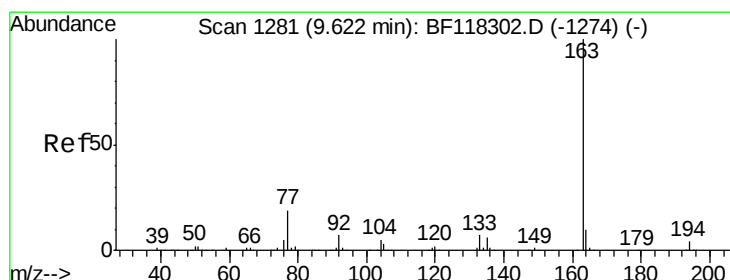
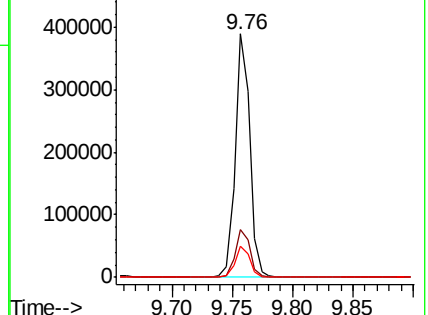
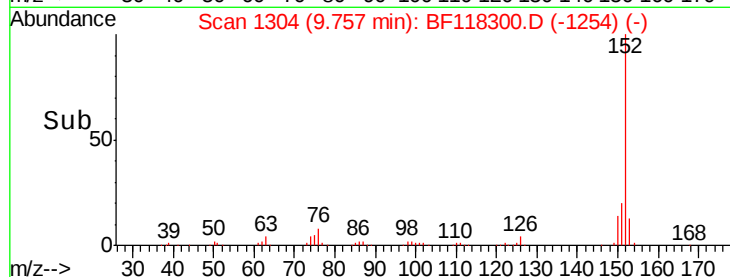
153 12.6 10.5 15.7



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: 11.038 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

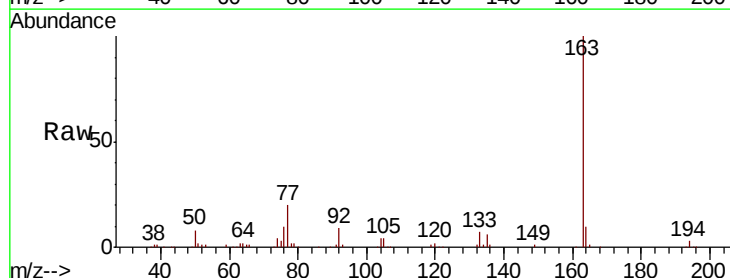
Tgt Ion:163 Resp: 251300

Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

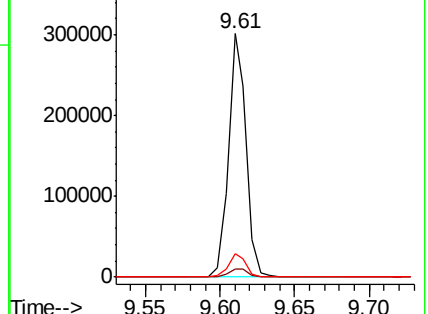
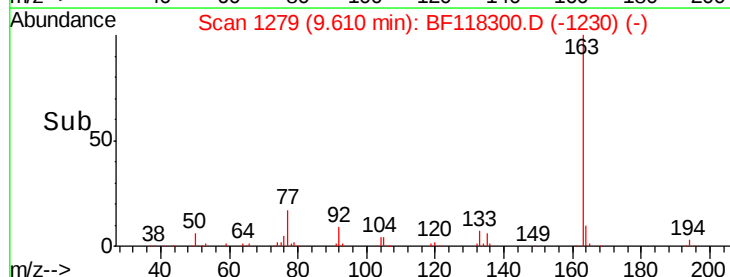
164 9.8 7.9 11.9

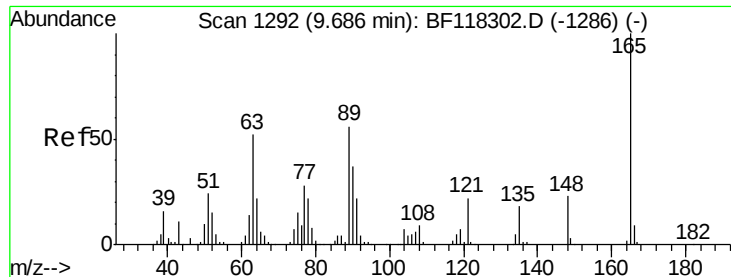


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 10.698 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampled :

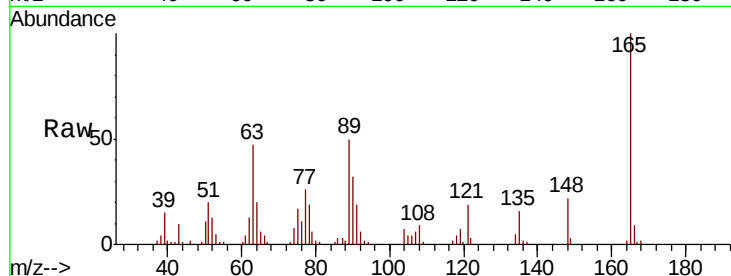
Tot Ion:165 Resp: 52961

Ion Ratio Lower Upper

165 100

63 46.6 42.2 63.4

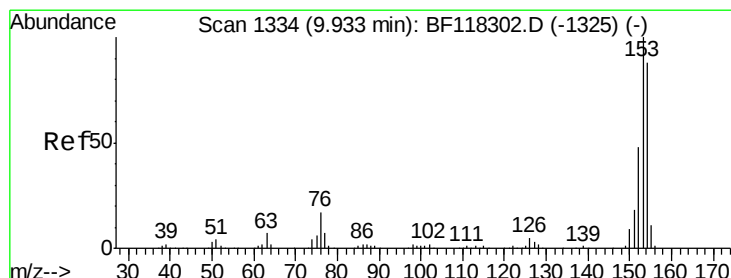
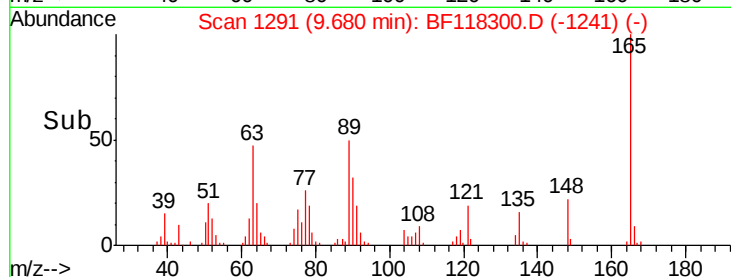
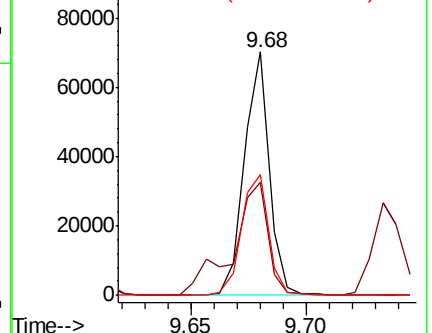
89 49.8 44.4 66.6



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: 10.992 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

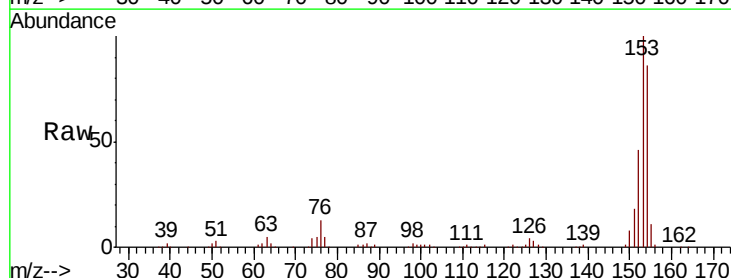
Tgt Ion:154 Resp: 193514

Ion Ratio Lower Upper

154 100

153 116.7 90.6 136.0

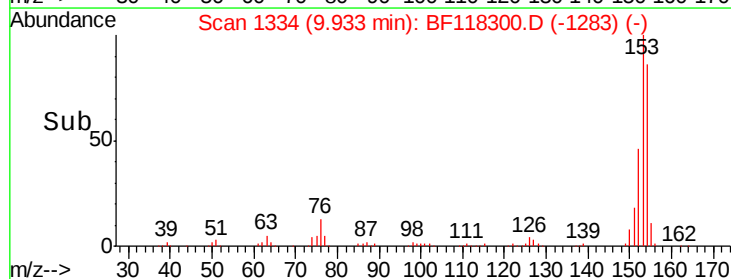
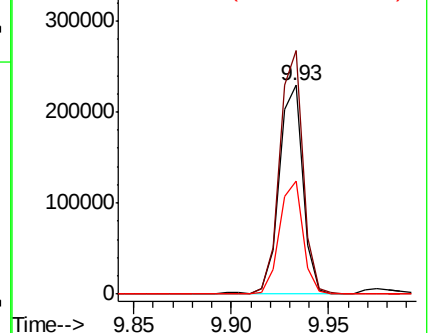
152 54.2 43.1 64.7

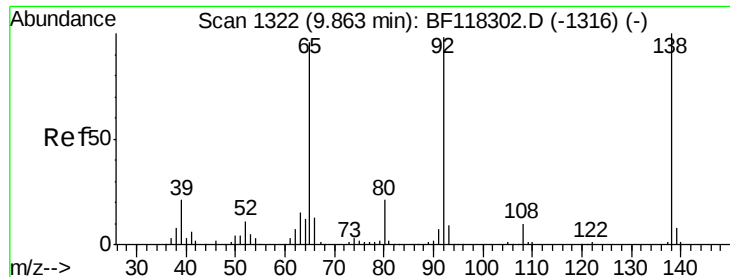


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

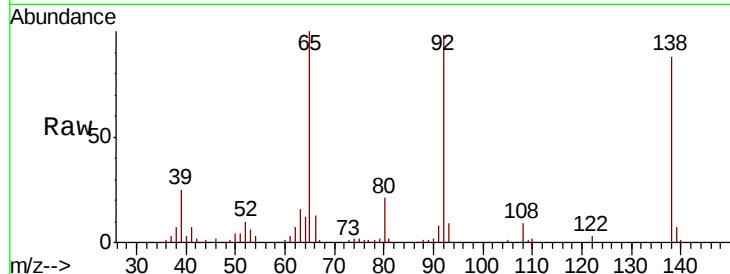




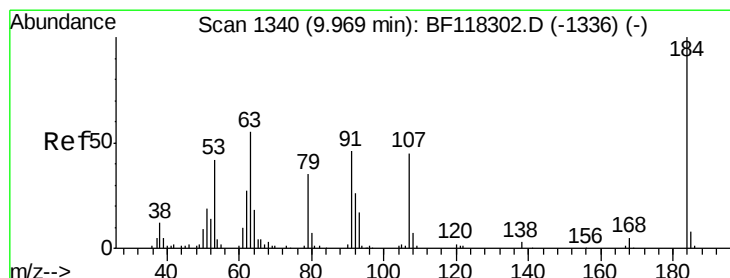
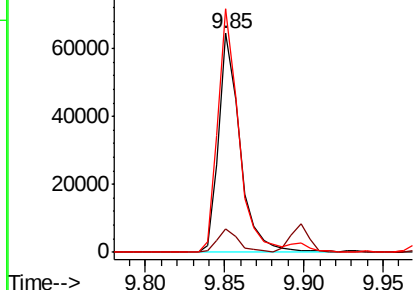
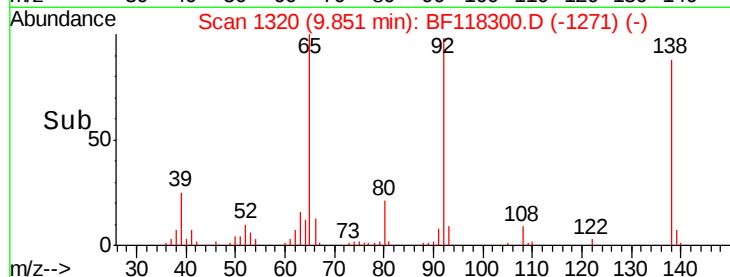
#53
 3-Nitroaniline
 Concen: 10.391 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:138 Resp: 60541
 Ion Ratio Lower Upper
 138 100
 108 10.6 7.8 11.8
 92 111.1 78.2 117.2

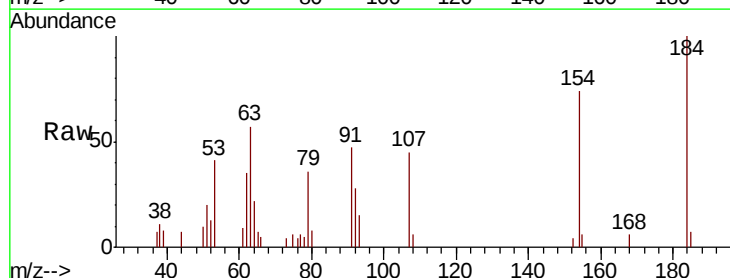


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

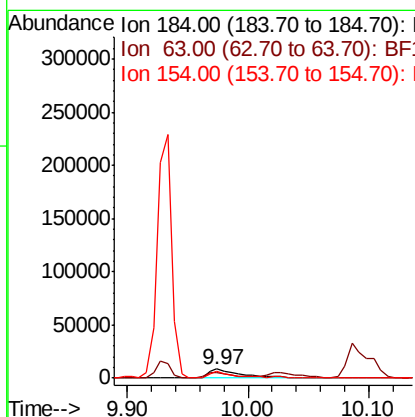
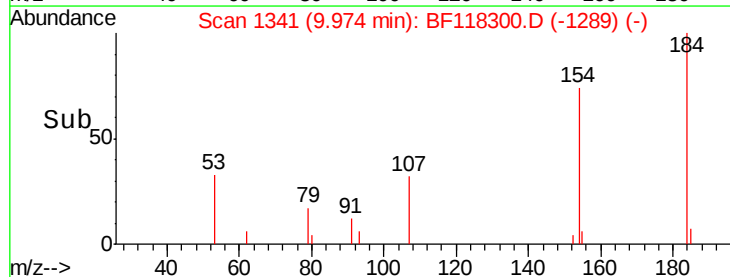


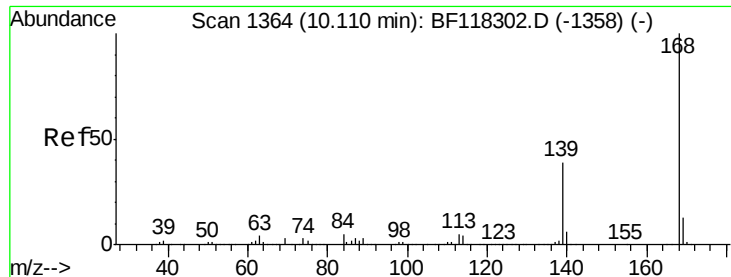
#54
 2,4-Dinitrophenol
 Concen: 6.578 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Tgt Ion:184 Resp: 16202
 Ion Ratio Lower Upper
 184 100
 63 57.4 48.8 73.2
 154 73.8 55.0 82.4



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

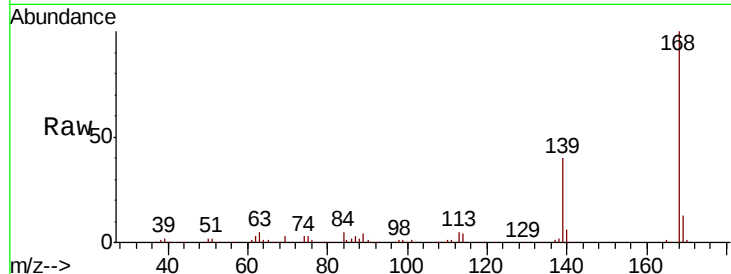




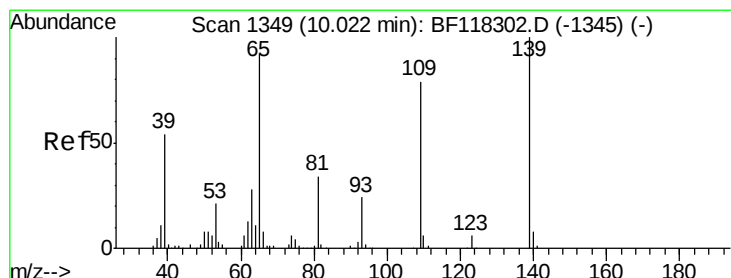
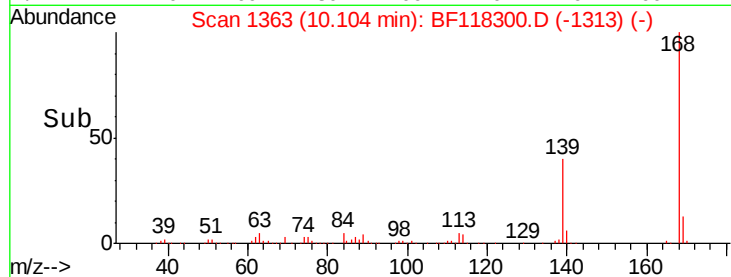
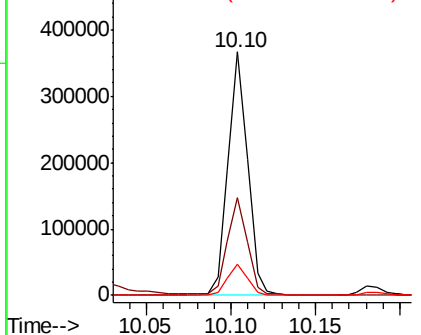
#55
Dibenzenofuran
Concen: 11.456 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Instrument :
BNA_E
ClientSampled :

Tot Ion:168 Resp: 295520
Ion Ratio Lower Upper
168 100
139 40.1 31.5 47.3
169 13.0 10.4 15.6

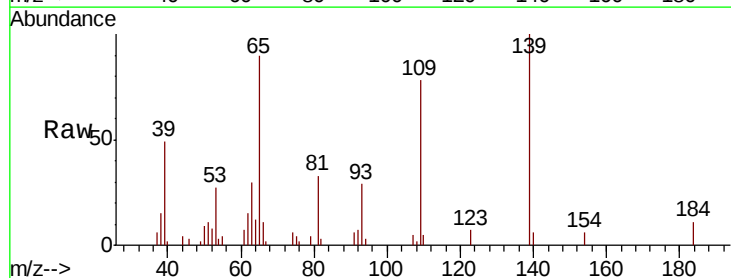


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

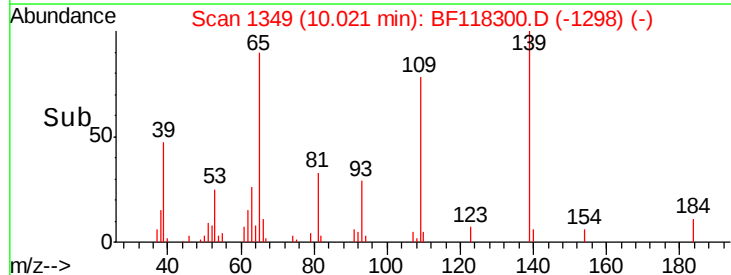
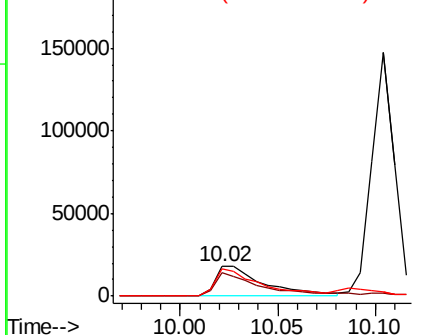


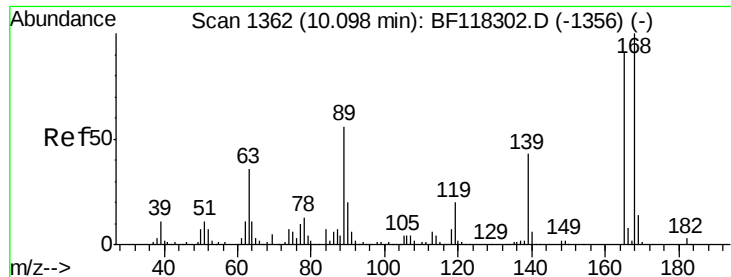
#56
4-Nitrophenol
Concen: 7.689 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:139 Resp: 31089
Ion Ratio Lower Upper
139 100
109 78.0 59.3 99.3
65 89.8 72.4 112.4



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

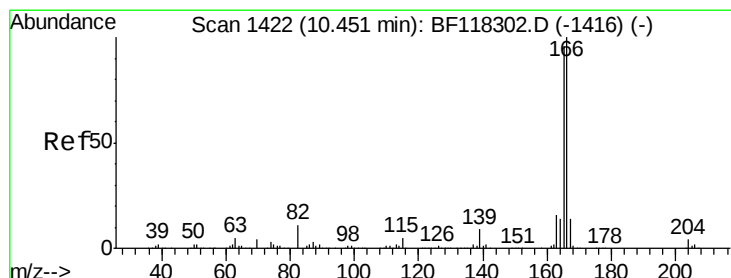
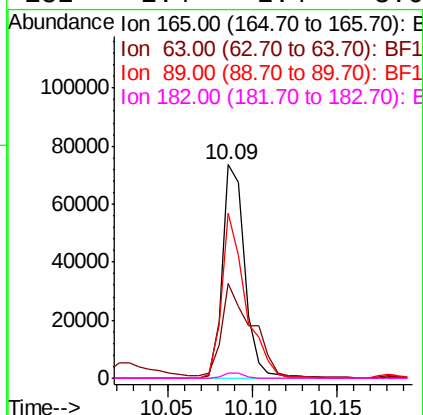
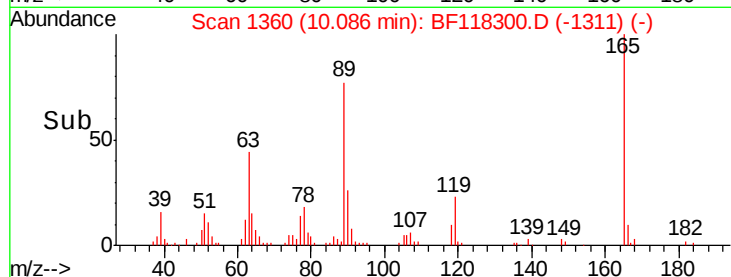
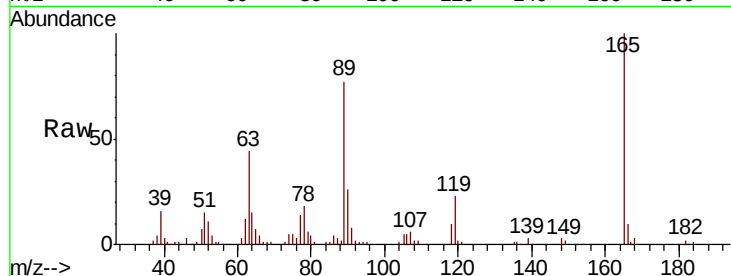




#57
2,4-Dinitrotoluene
Concen: 10.324 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

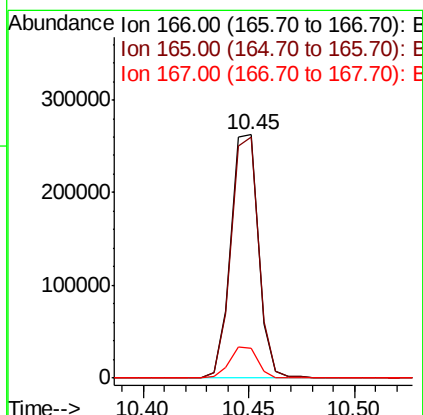
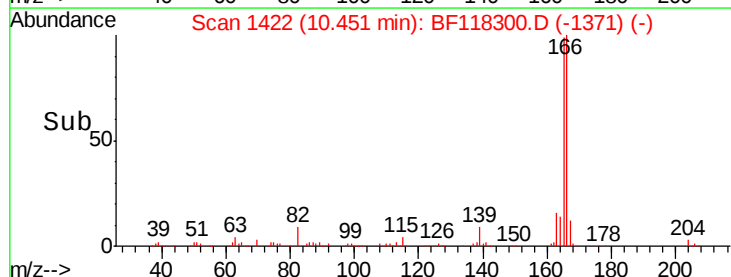
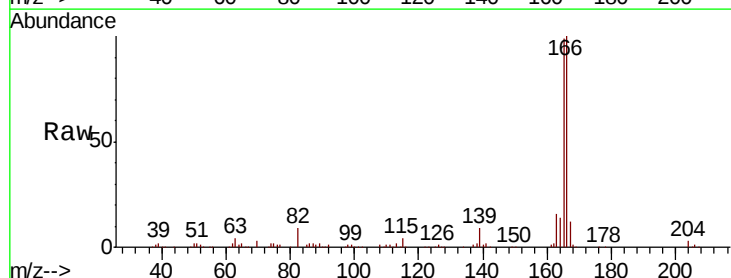
Instrument :
BNA_E
ClientSampleId :

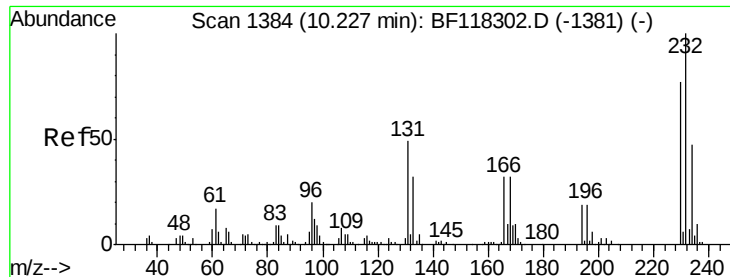
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	32.0	48.0
89	77.2	49.3	73.9
182	2.4	2.4	3.6



#58
Fluorene
Concen: 11.575 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.0	115.4
167	12.2	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.705 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:232 Resp: 57044

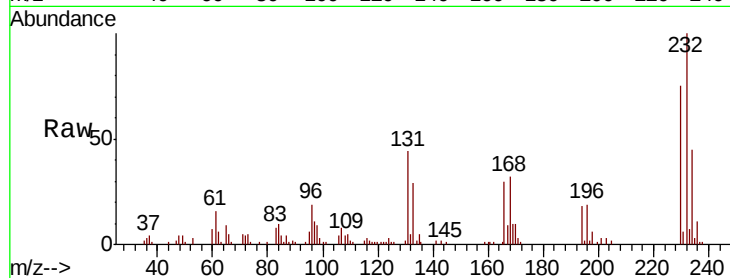
Ion Ratio Lower Upper

232 100

131 49.1 37.7 56.5

130 2.1 2.0 3.0

166 32.5 24.7 37.1

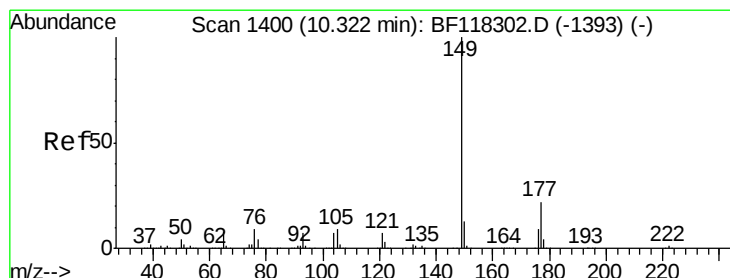
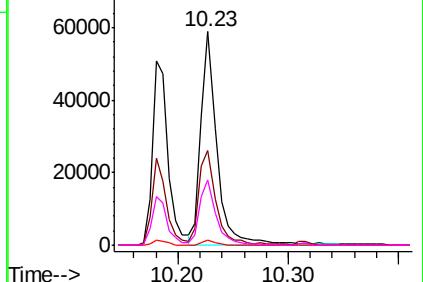
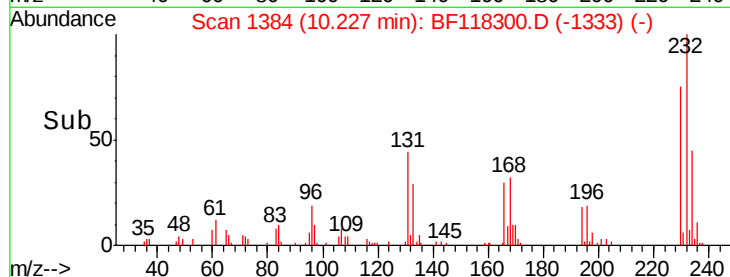


Abundance Ion 232.00 (231.70 to 232.70): E

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: 11.101 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

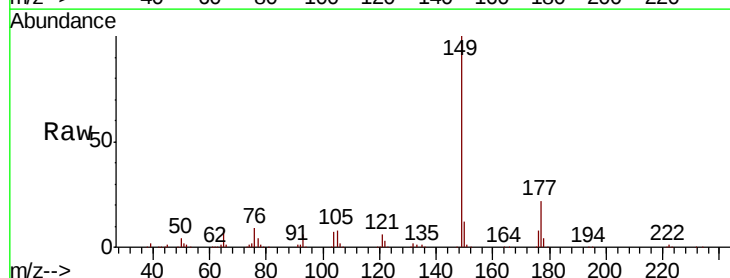
Tgt Ion:149 Resp: 249005

Ion Ratio Lower Upper

149 100

177 21.7 17.9 26.9

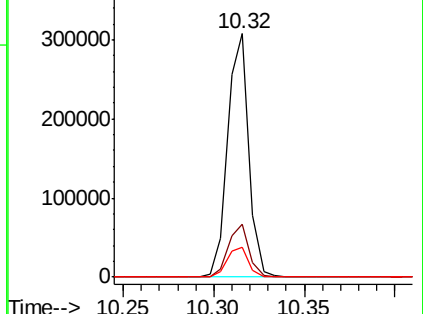
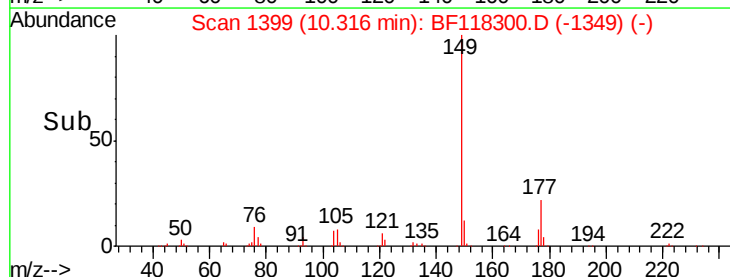
150 12.4 10.2 15.2

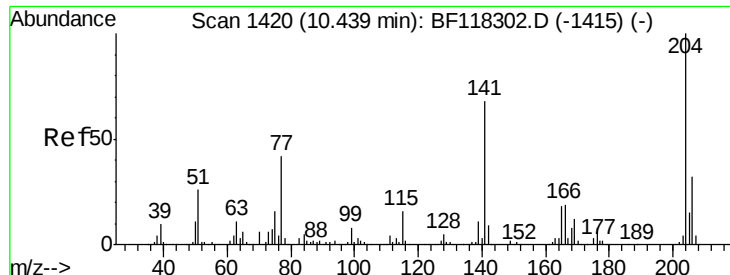


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

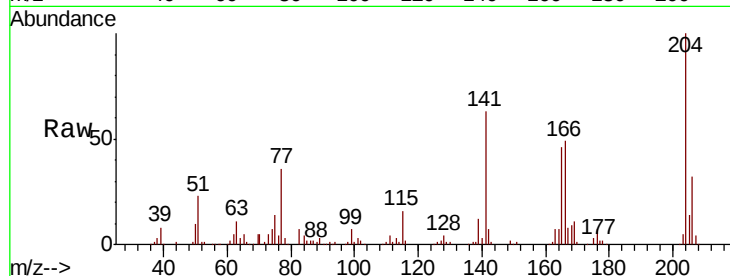




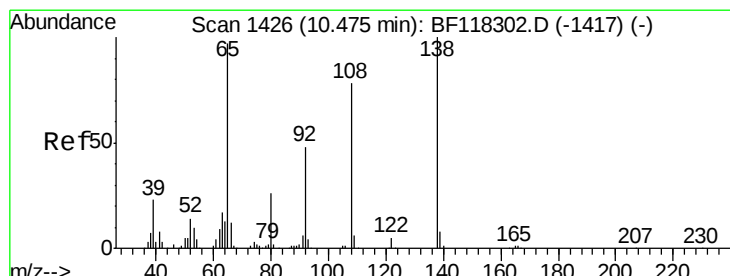
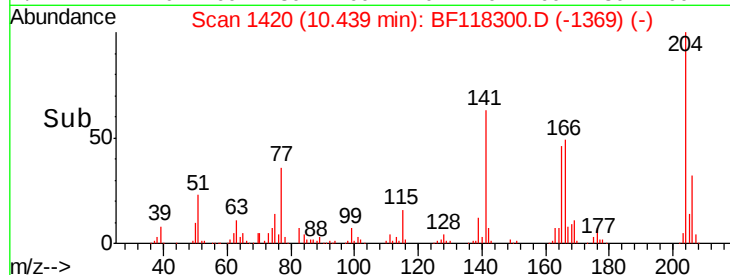
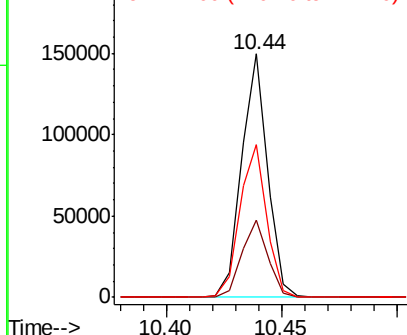
#61
4-Chlorophenyl-phenylether
Concen: 11.371 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:204 Resp: 117289
Ion Ratio Lower Upper
204 100
206 31.7 25.8 38.8
141 62.5 54.2 81.4

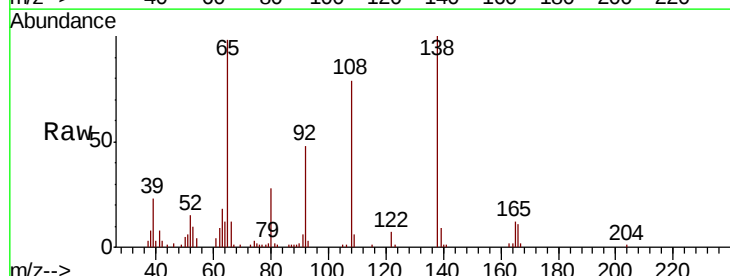


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

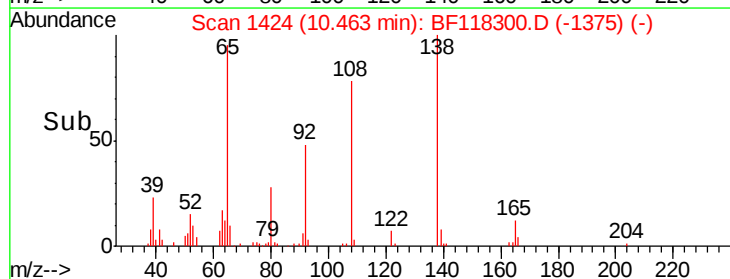
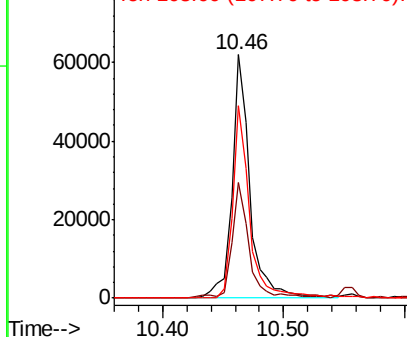


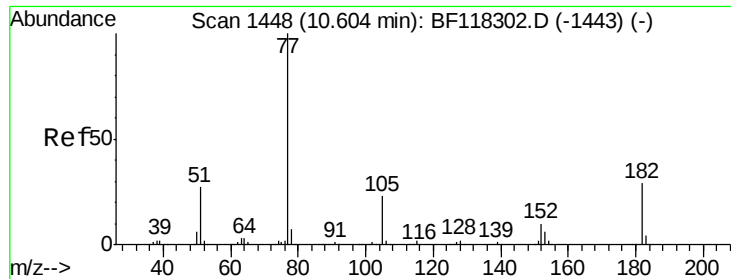
#62
4-Nitroaniline
Concen: 10.601 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:138 Resp: 64417
Ion Ratio Lower Upper
138 100
92 47.7 27.9 67.9
108 79.0 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

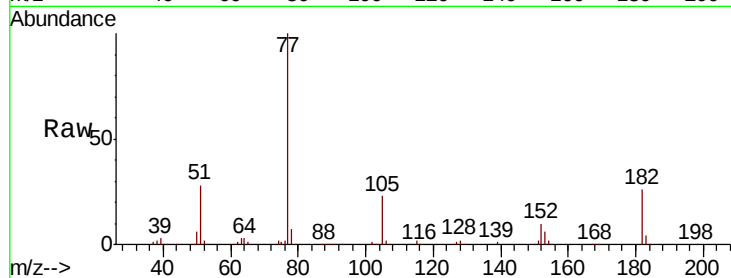




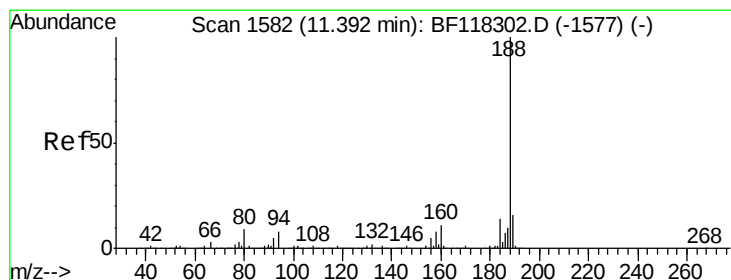
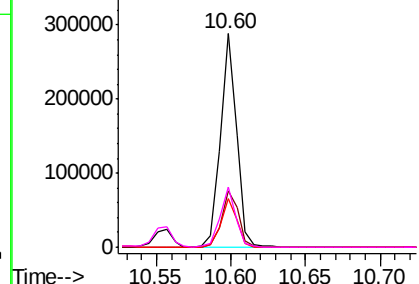
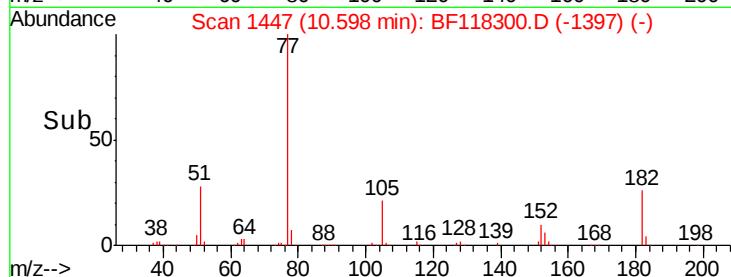
#63
Azobenzene
Concen: 11.360 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:	77	Resp:	217529
Ion	Ratio	Lower	Upper
77	100		
182	26.2	9.2	49.2
105	22.8	3.2	43.2
51	27.9	7.1	47.1

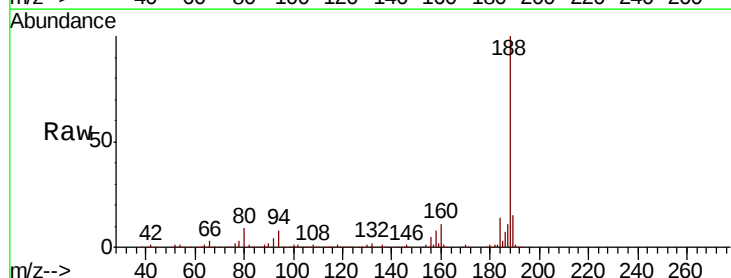


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

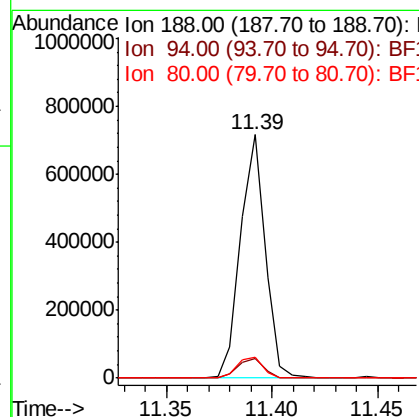
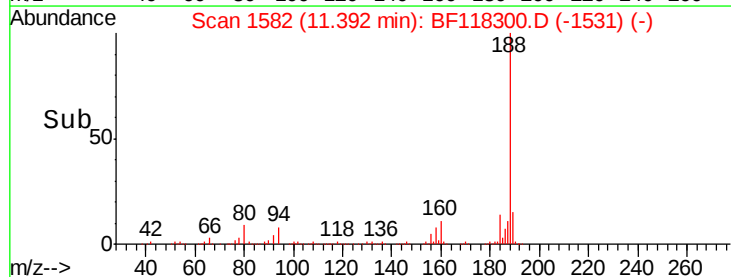


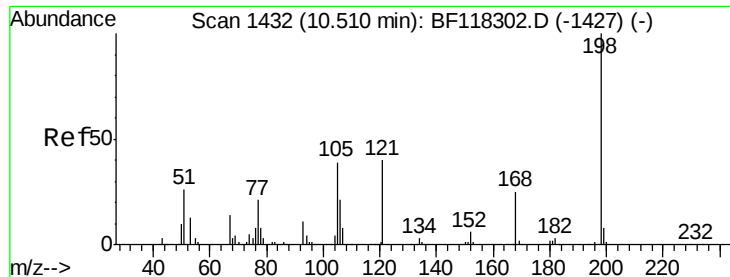
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:	188	Resp:	579193
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.7	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: 7.968 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampled :

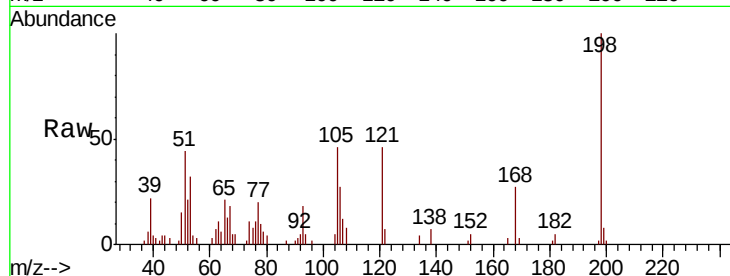
Tot Ion:198 Resp: 25486

Ion Ratio Lower Upper

198 100

51 44.3 12.8 52.8

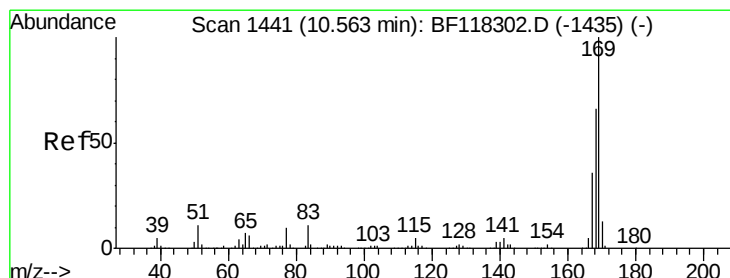
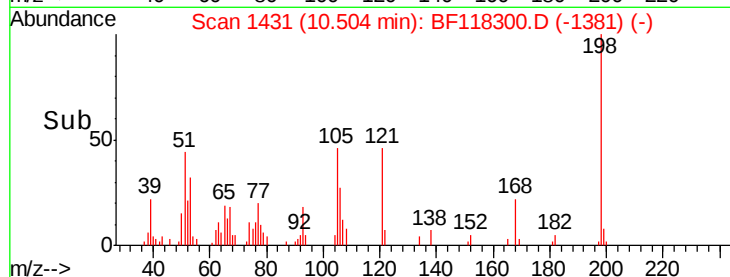
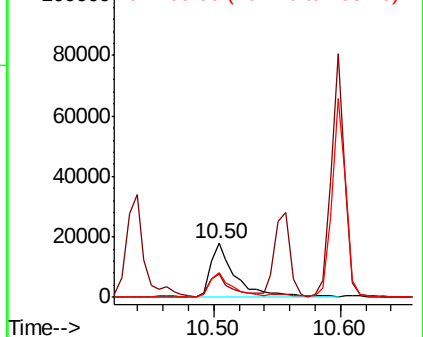
105 45.5 20.3 60.3



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: 11.064 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

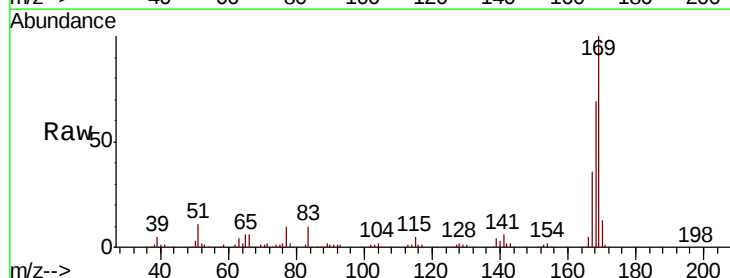
Tgt Ion:169 Resp: 200122

Ion Ratio Lower Upper

169 100

168 68.8 52.6 79.0

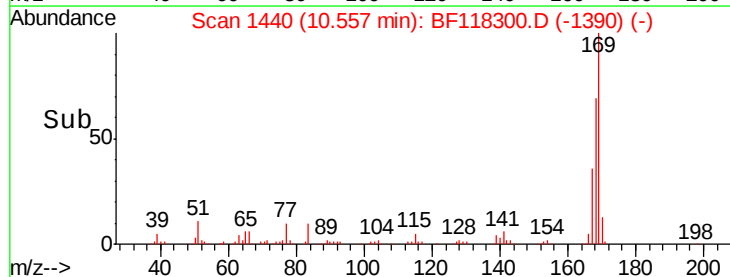
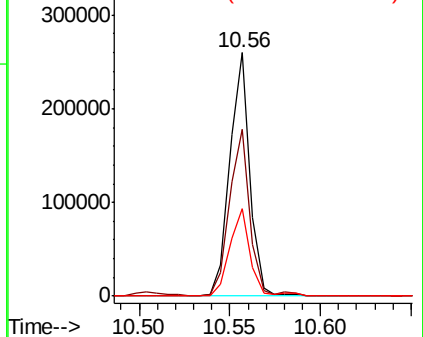
167 36.0 28.4 42.6

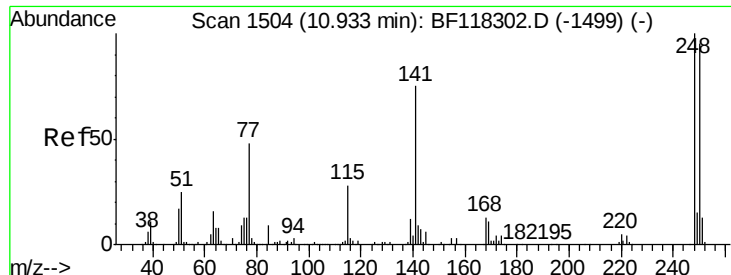


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

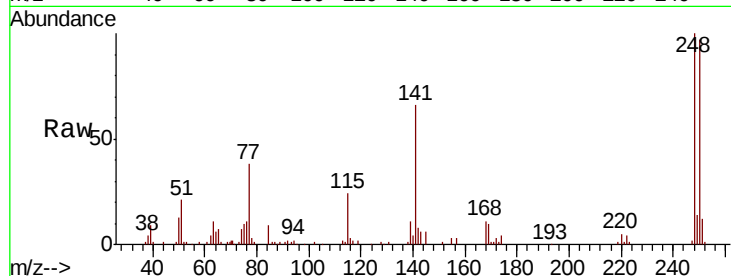




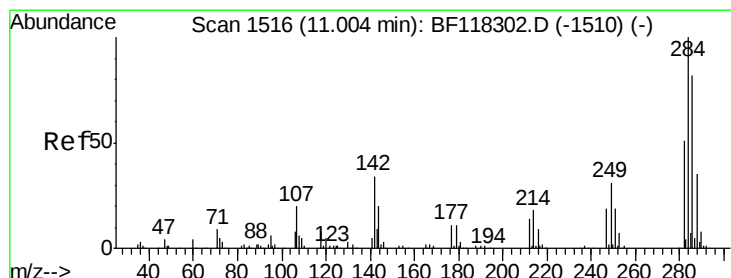
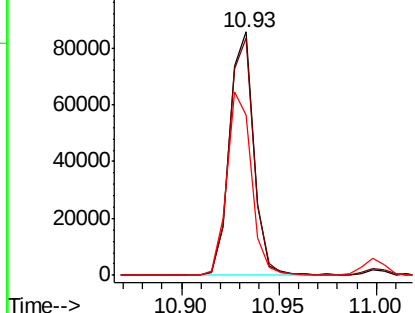
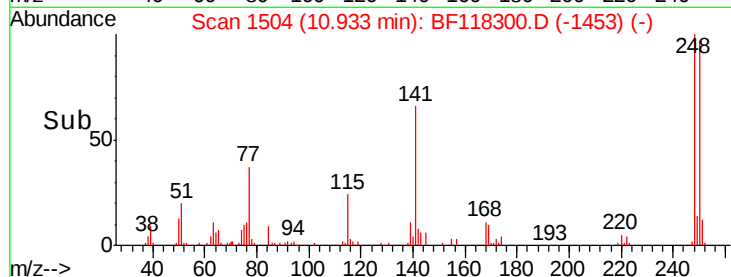
#67
4-Bromophenyl-phenylether
Concen: 11.134 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:248 Resp: 73615
Ion Ratio Lower Upper
248 100
250 97.4 76.4 114.6
141 65.8 60.2 90.2

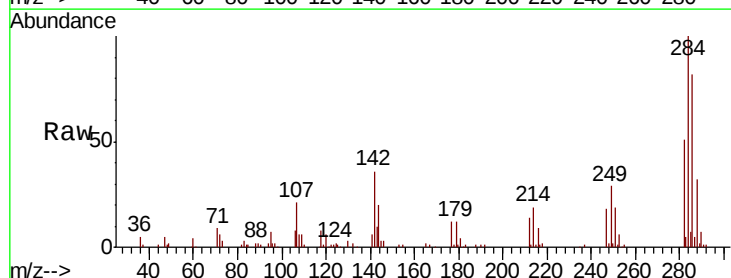


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

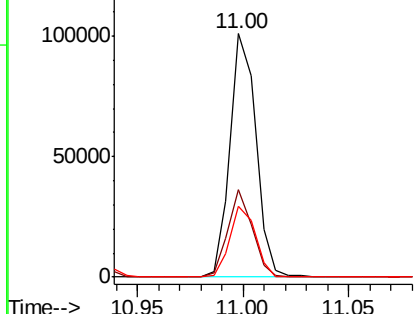
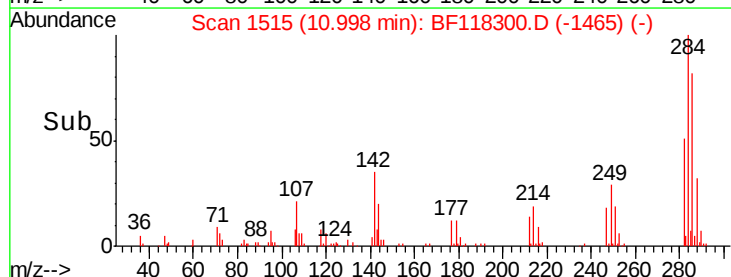


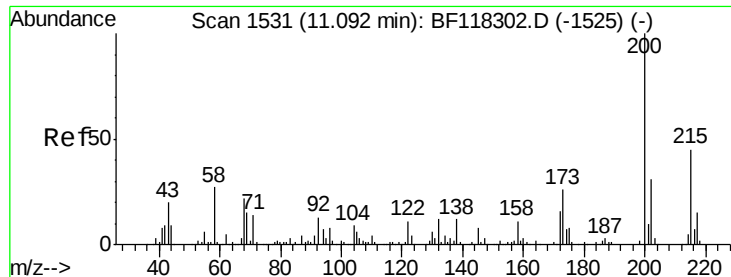
#68
Hexachlorobenzene
Concen: 11.042 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:284 Resp: 85932
Ion Ratio Lower Upper
284 100
142 35.7 27.3 40.9
249 29.2 25.0 37.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

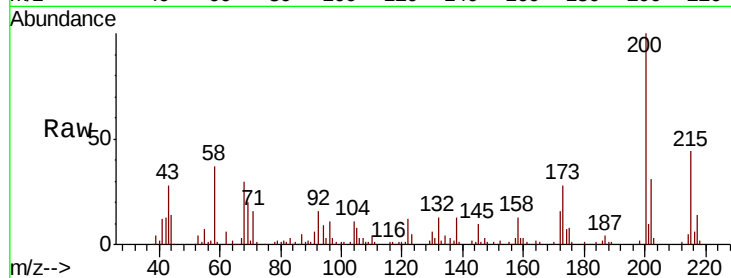




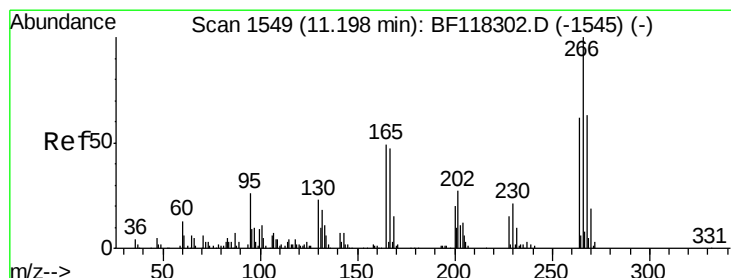
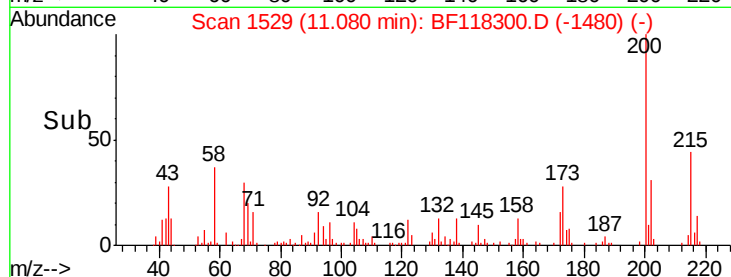
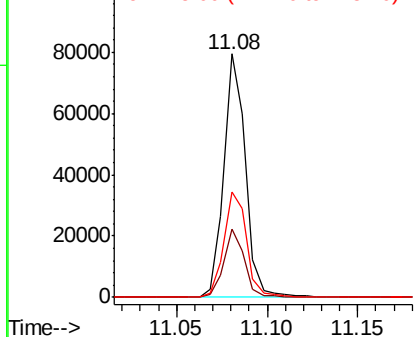
#69
Atrazine
Concen: 14.384 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:200 Resp: 65975
Ion Ratio Lower Upper
200 100
173 27.9 5.8 45.8
215 43.5 25.1 65.1

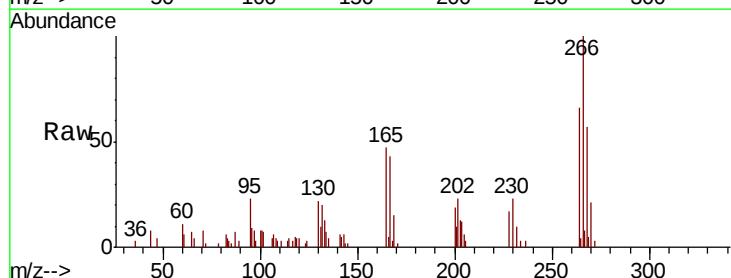


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

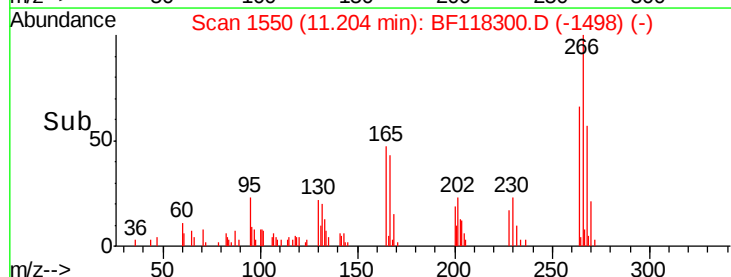
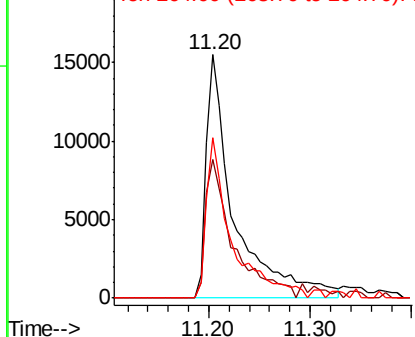


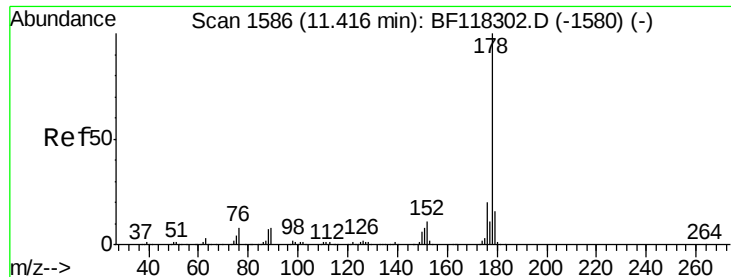
#70
Pentachlorophenol
Concen: 8.134 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:266 Resp: 29767
Ion Ratio Lower Upper
266 100
268 56.7 50.6 76.0
264 65.8 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

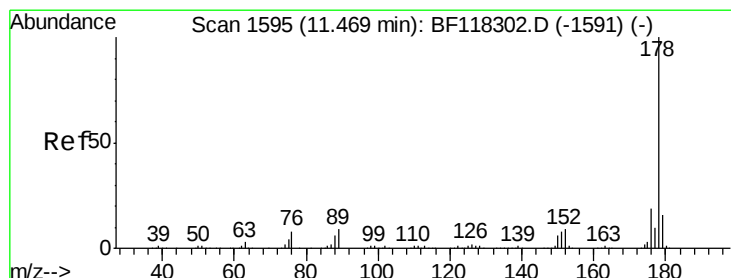
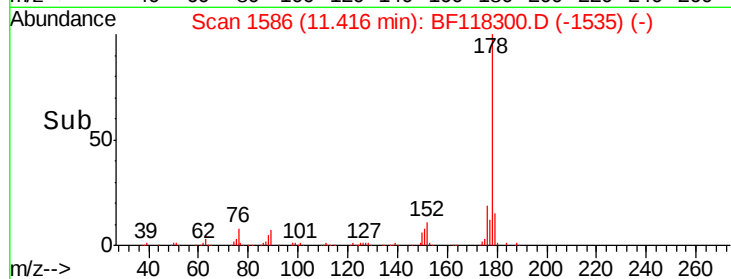
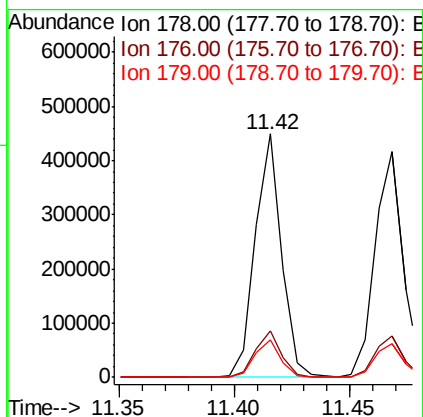
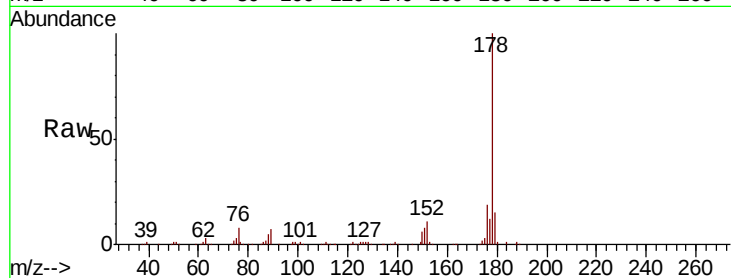




#71
Phenanthrene
Concen: 11.694 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

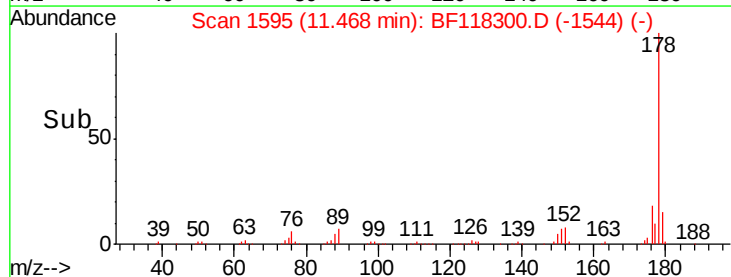
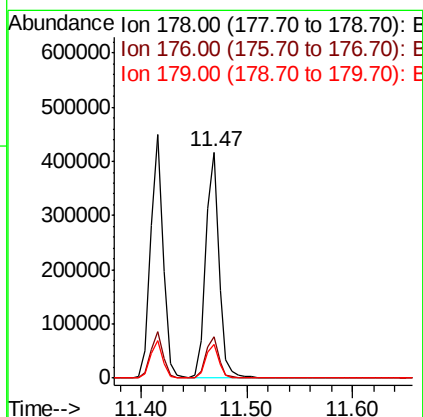
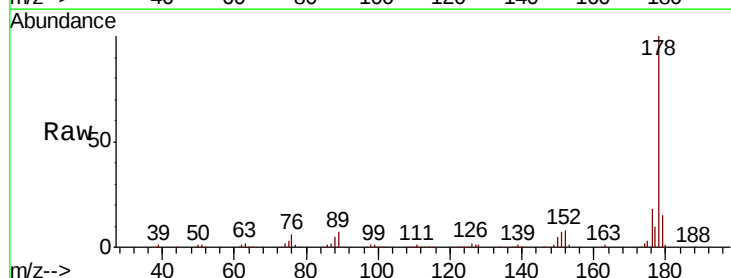
Instrument :
BNA_E
ClientSampleId :

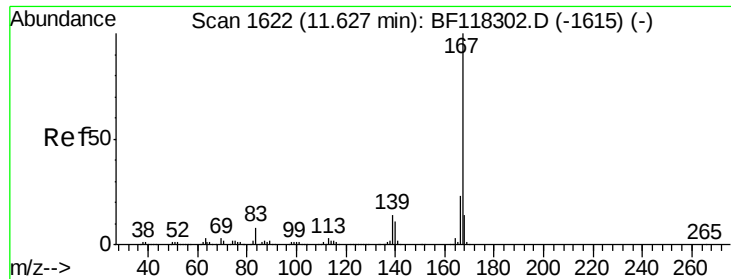
Tot Ion:178 Resp: 360052
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.3 12.6 19.0



#72
Anthracene
Concen: 11.827 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:178 Resp: 363269
Ion Ratio Lower Upper
178 100
176 18.1 15.2 22.8
179 14.8 12.9 19.3





#73

Carbazole

Concen: 11.541 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

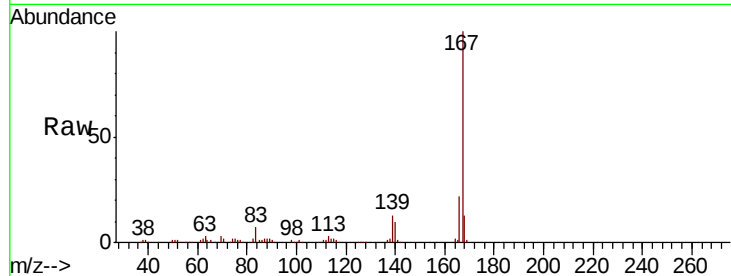
Tot Ion:167 Resp: 318033

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

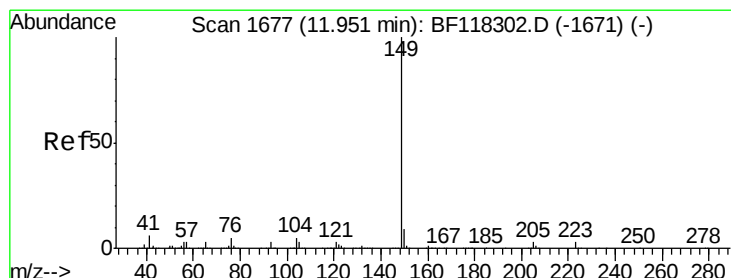
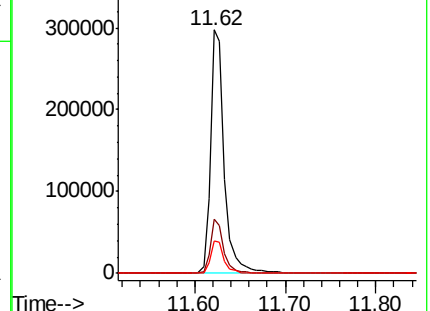
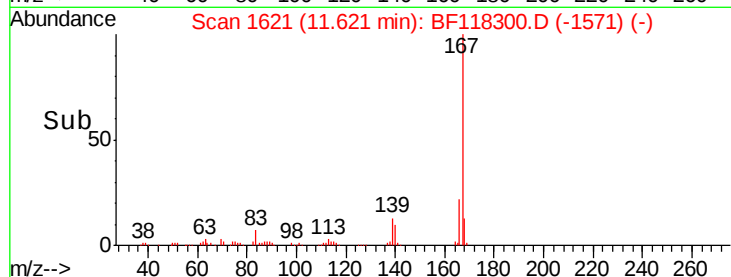
139 13.3 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 11.599 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

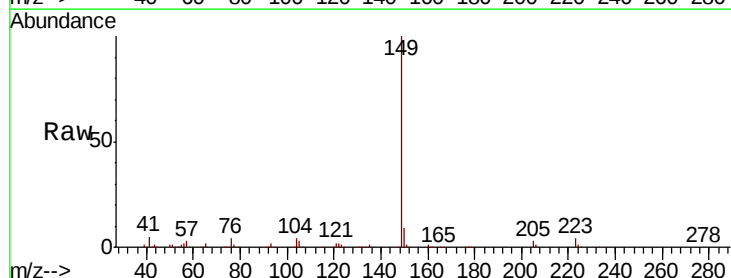
Tgt Ion:149 Resp: 400043

Ion Ratio Lower Upper

149 100

150 8.6 7.5 11.3

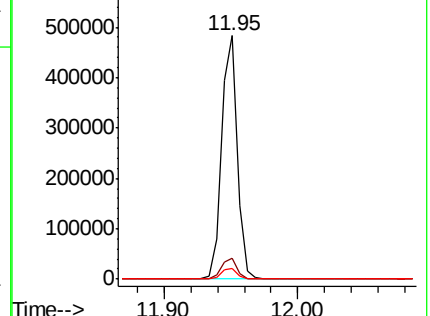
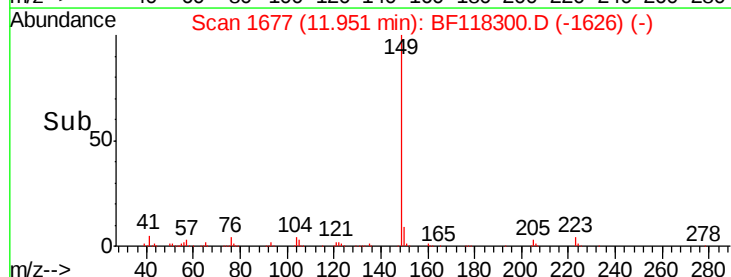
104 4.5 4.0 6.0

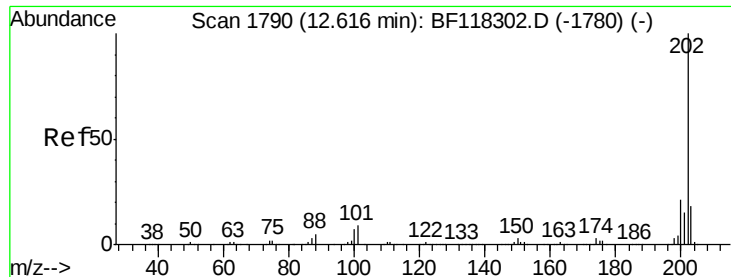


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

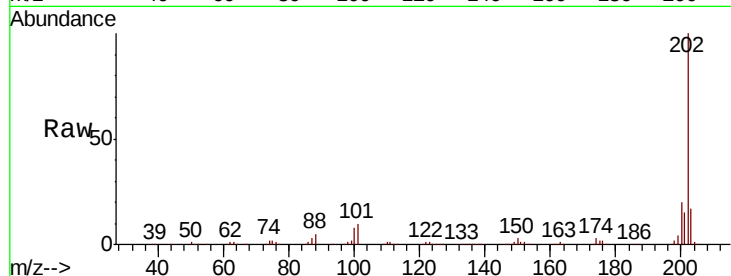




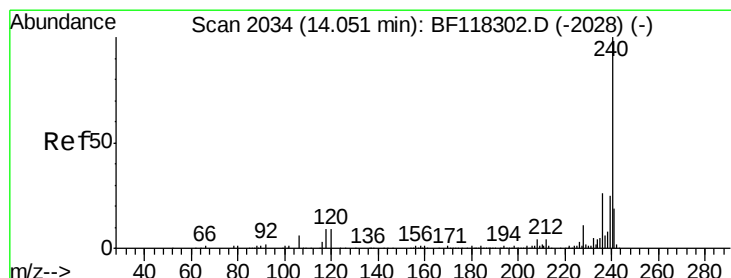
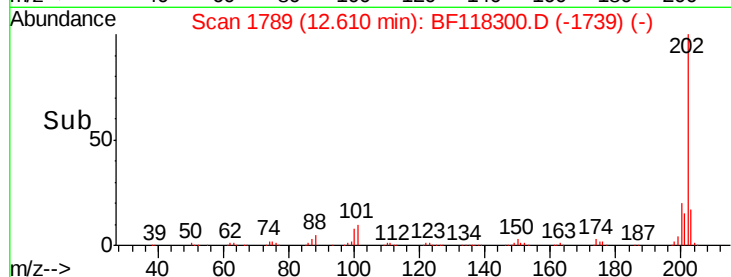
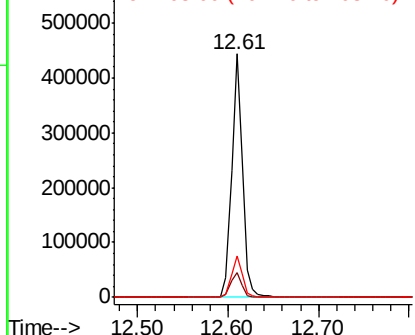
#75
 Fluoranthene
 Concen: 11.768 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.5
203	16.9	0.0	37.6

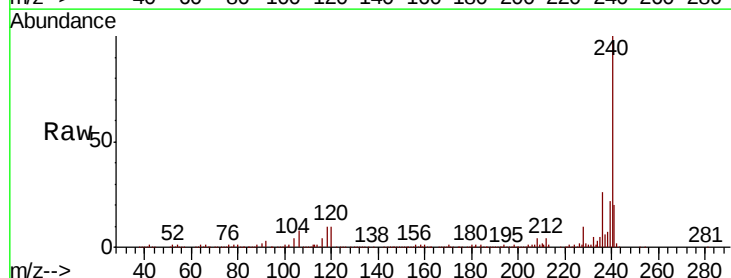


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

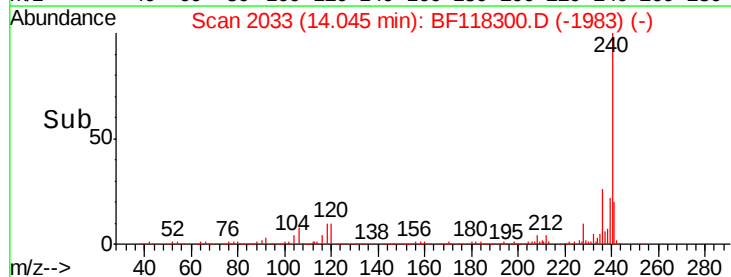
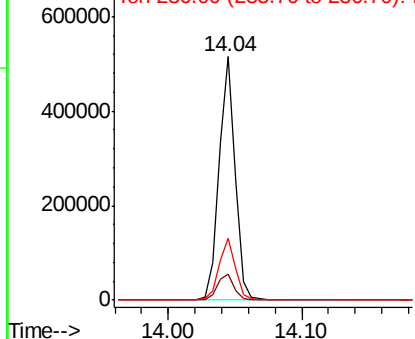


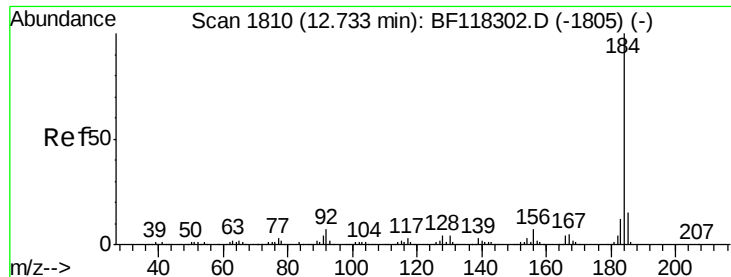
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF118300.D
 Acq: 24 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.1	10.7
236	25.6	21.0	31.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.076 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

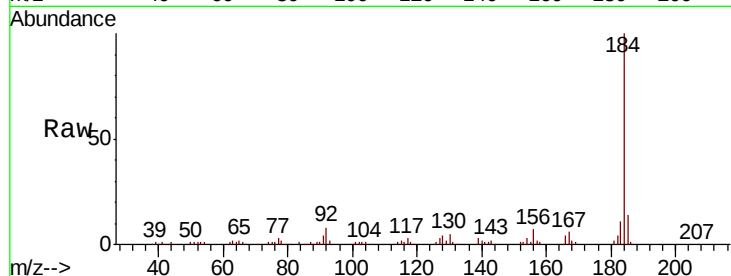
Tot Ion:184 Resp: 139875

Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.3	18.5
183	11.4	9.4	14.2

184 100

185 13.8 12.3 18.5

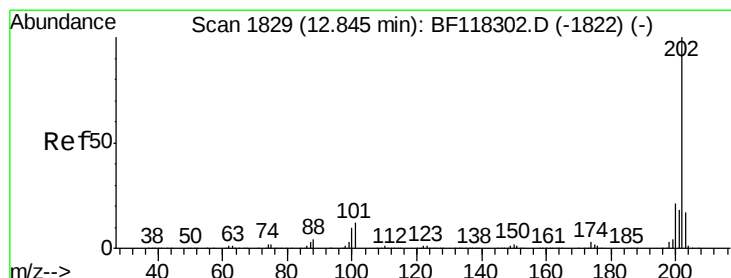
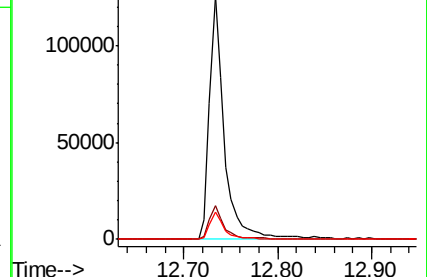
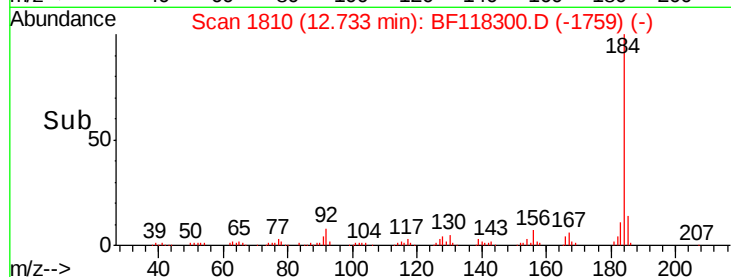
183 11.4 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.829 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

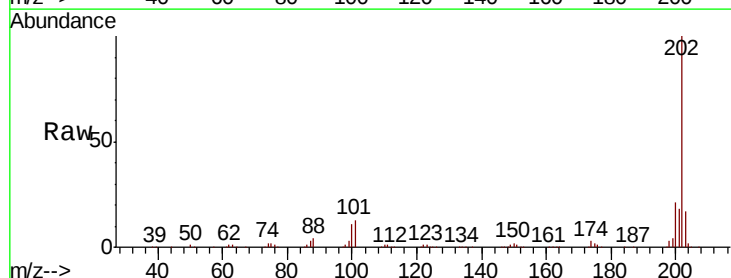
Tgt Ion:202 Resp: 375501

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	16.9	13.9	20.9

202 100

200 21.2 16.8 25.2

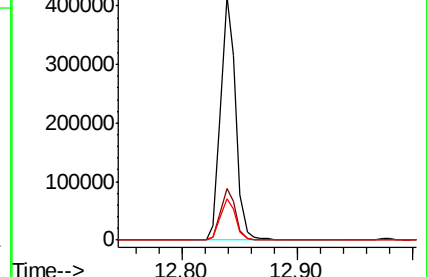
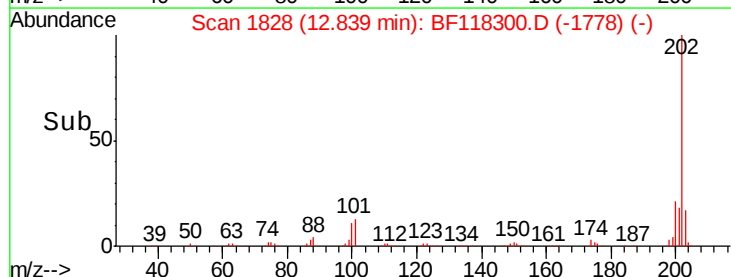
203 16.9 13.9 20.9

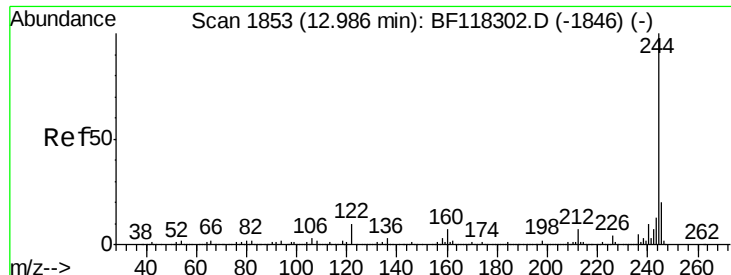


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 22.683 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

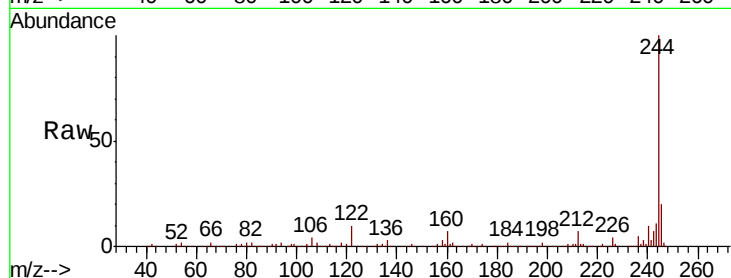
Tot Ion:244 Resp: 580389

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

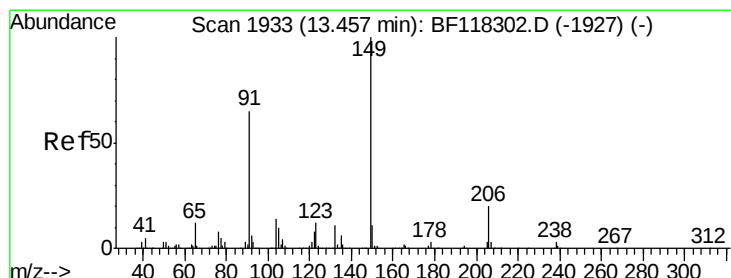
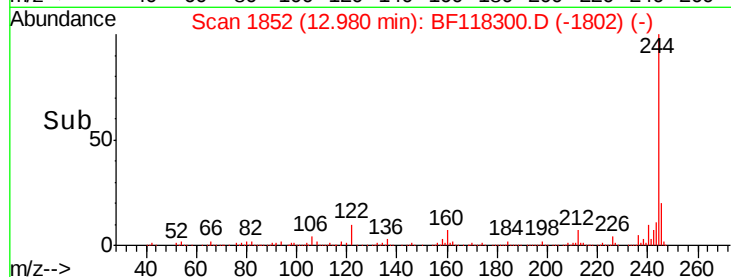
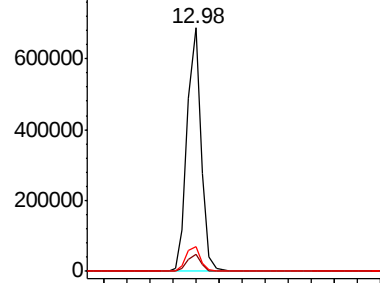
122 10.2 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 10.479 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

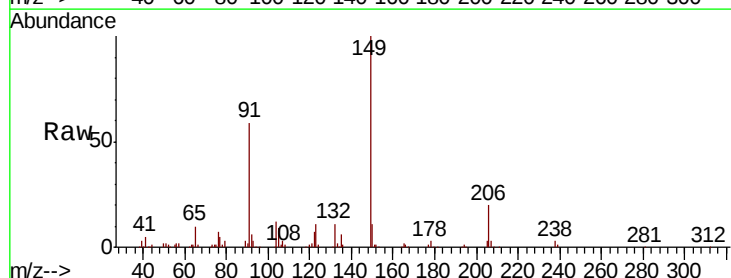
Tgt Ion:149 Resp: 164550

Ion Ratio Lower Upper

149 100

91 59.2 51.8 77.6

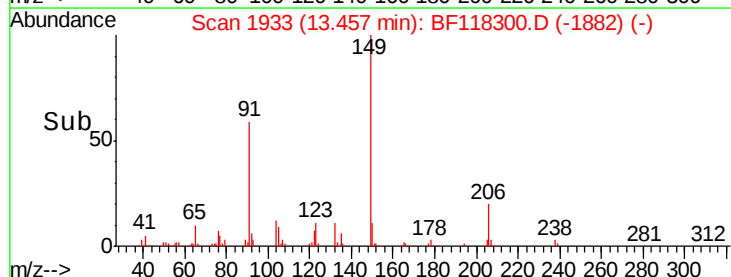
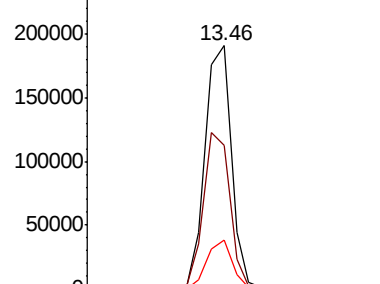
206 20.4 15.7 23.5

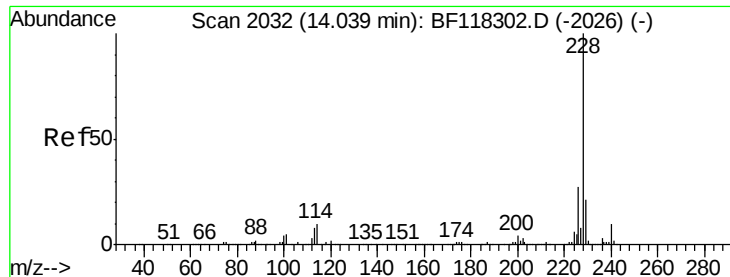


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 11.071 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

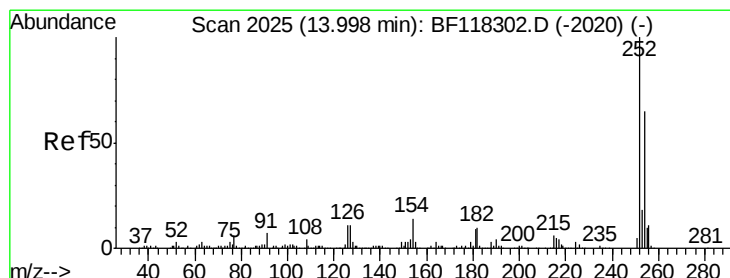
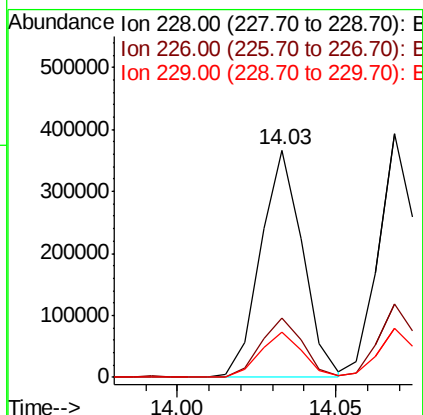
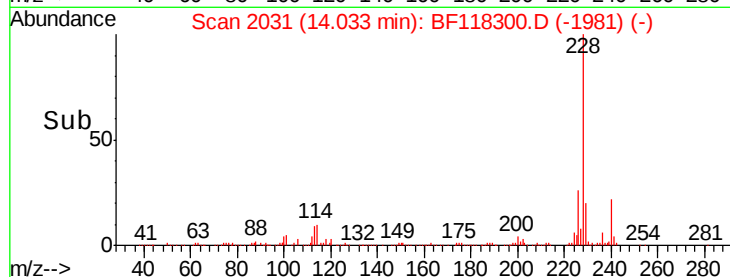
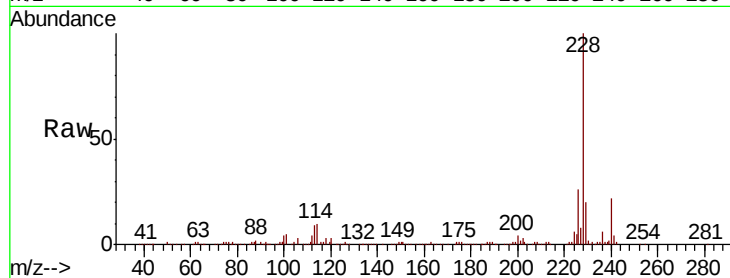
Tot Ion:228 Resp: 336845

Ion Ratio Lower Upper

228 100

226 26.2 22.0 33.0

229 19.8 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 12.073 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

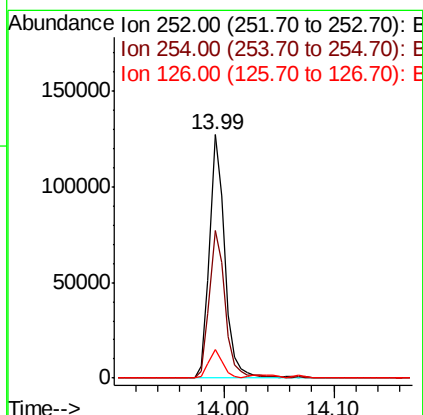
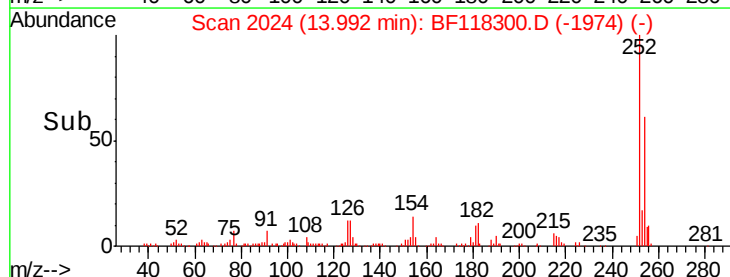
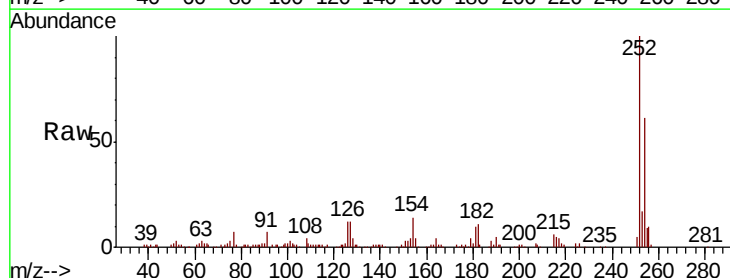
Tgt Ion:252 Resp: 120639

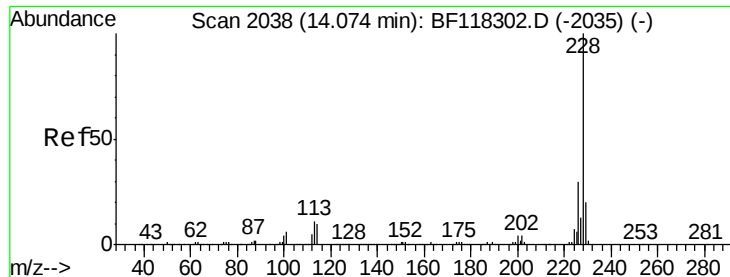
Ion Ratio Lower Upper

252 100

254 60.6 51.8 77.8

126 11.7 8.7 13.1





#83

Chrysene

Concen: 11.156 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

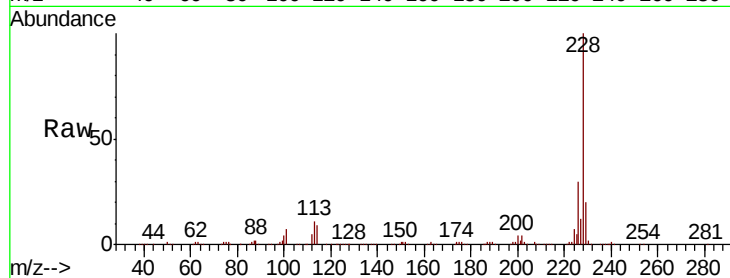
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 324207

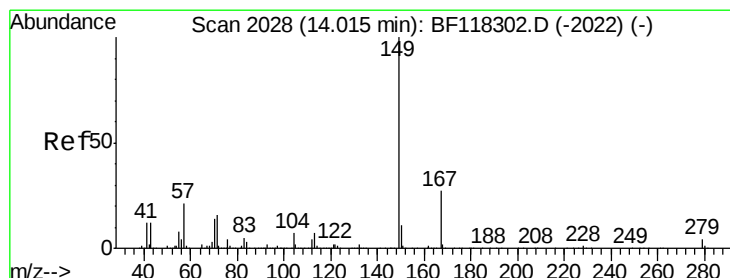
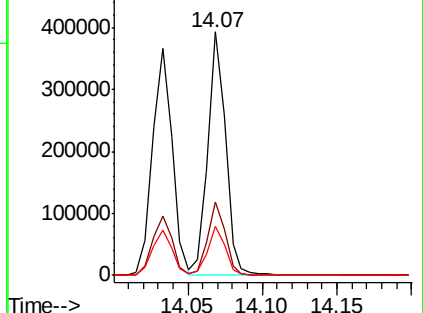
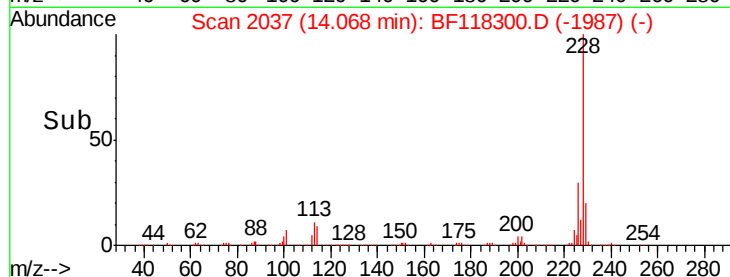
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	20.3	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.623 ng

RT: 14.02 min Scan# 2028

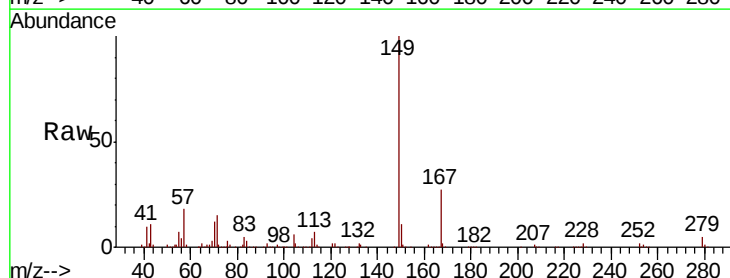
Delta R.T. -0.00 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Tgt Ion:149 Resp: 219964

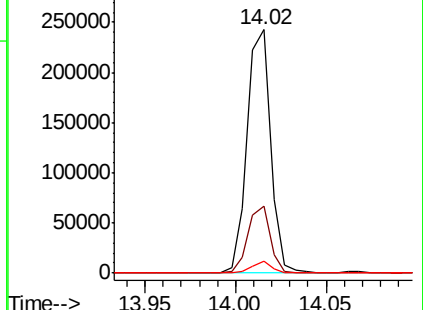
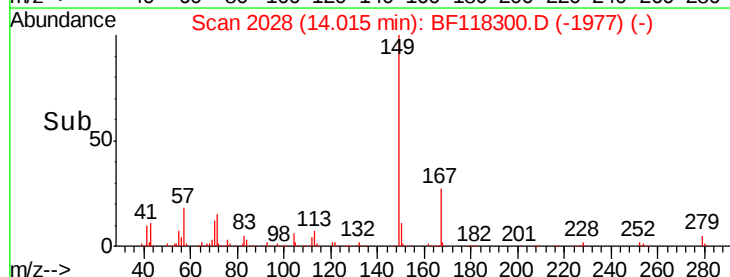
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	4.9	3.4	5.2

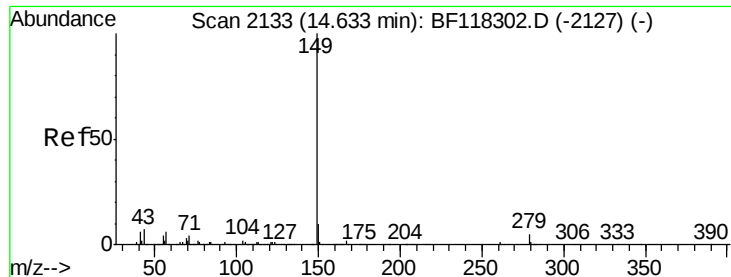


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 10.562 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

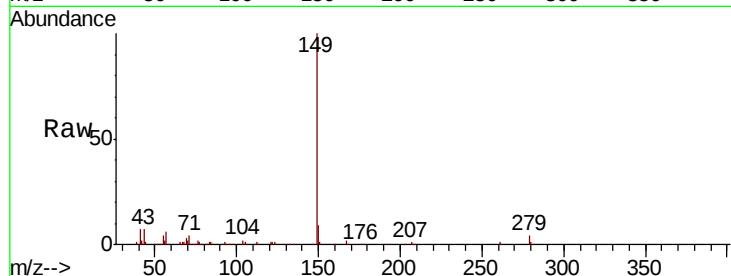
Tot Ion:149 Resp: 331286

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

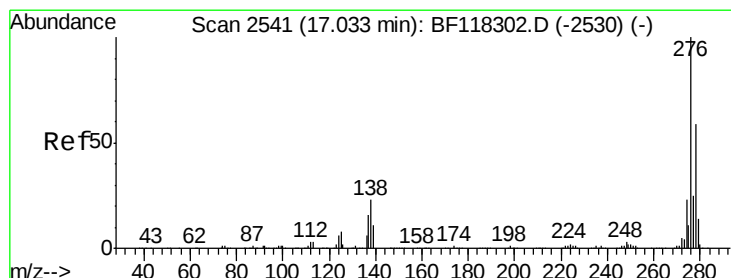
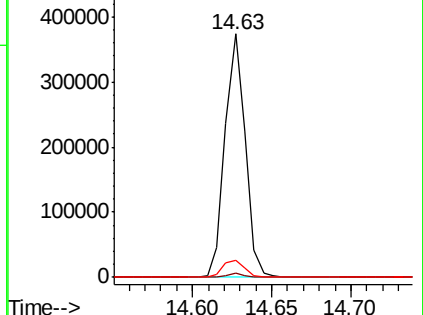
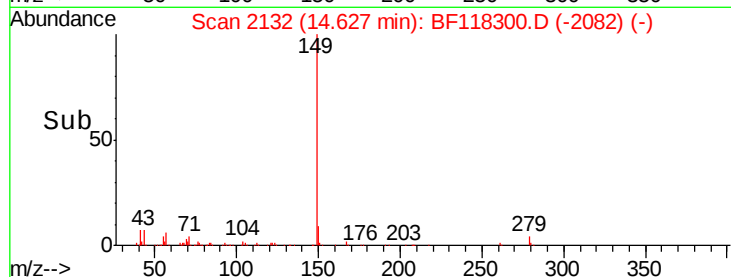
43 8.0 6.1 9.1



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: 10.261 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF118300.D

Acq: 24 Dec 2019 11:00

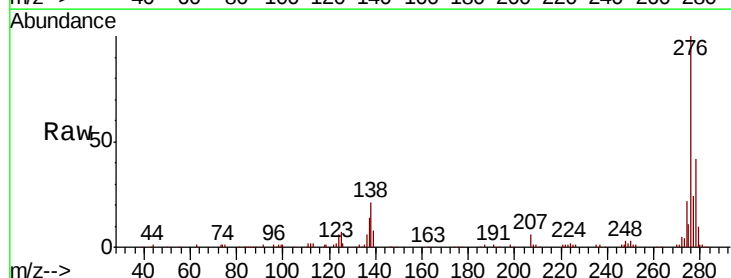
Tgt Ion:276 Resp: 250909

Ion Ratio Lower Upper

276 100

138 23.6 19.5 29.3

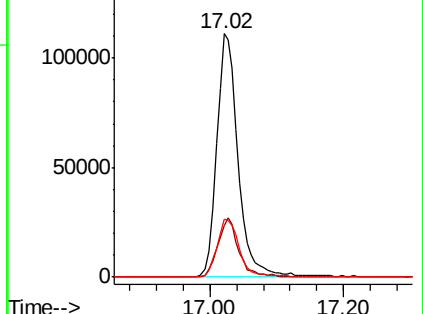
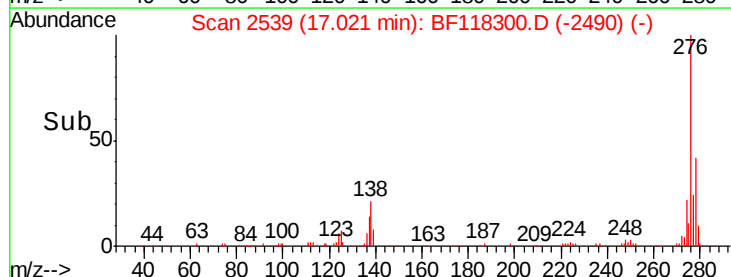
277 25.0 20.6 30.8

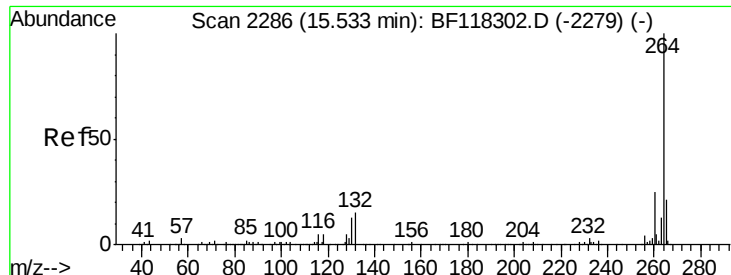


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

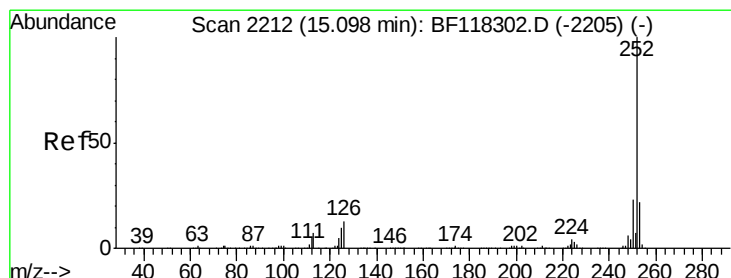
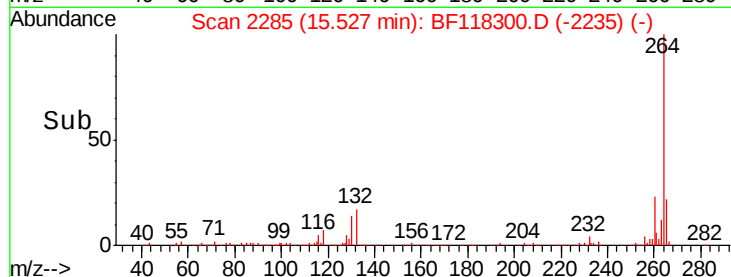
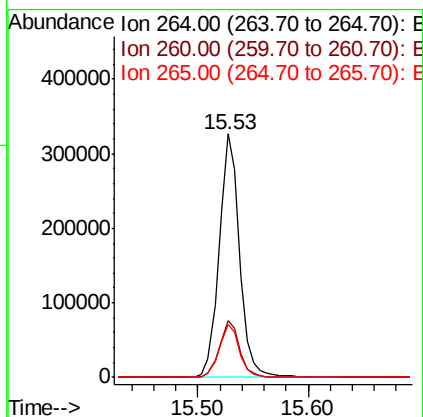
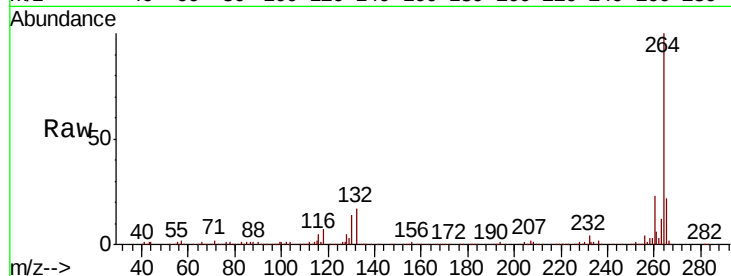




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

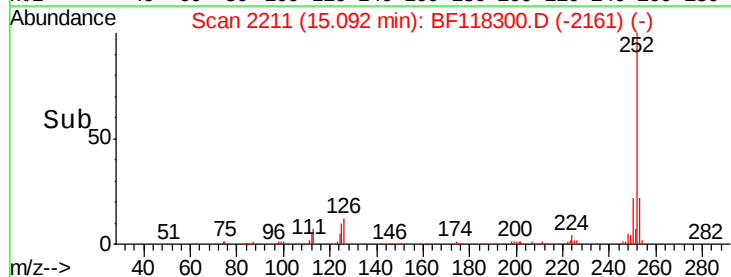
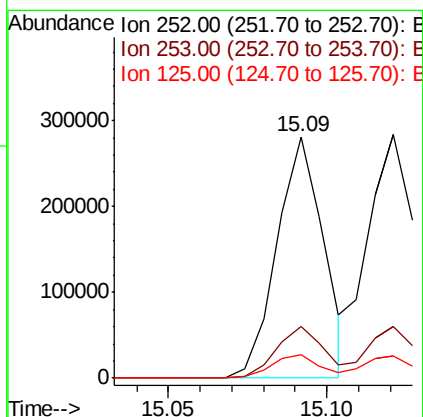
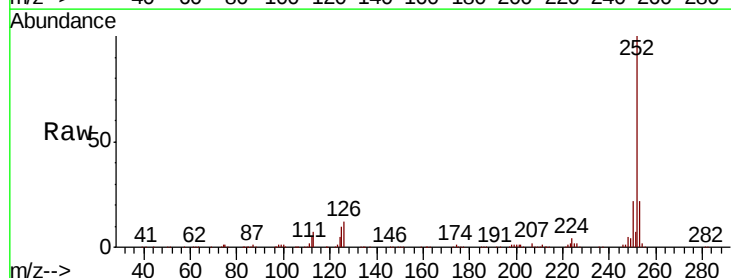
Instrument :
BNA_E
ClientSampleId :

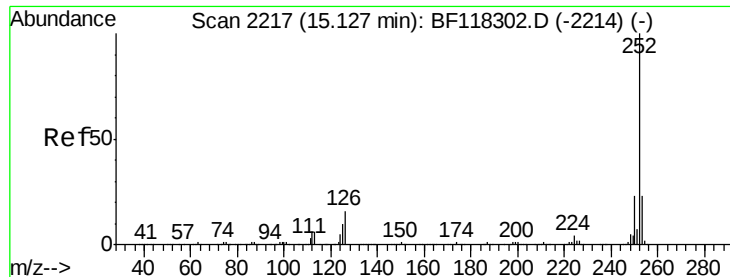
Tot Ion:264 Resp: 420962
Ion Ratio Lower Upper
264 100
260 23.4 19.8 29.6
265 21.5 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 10.363 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:252 Resp: 288530
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.9 7.7 11.5

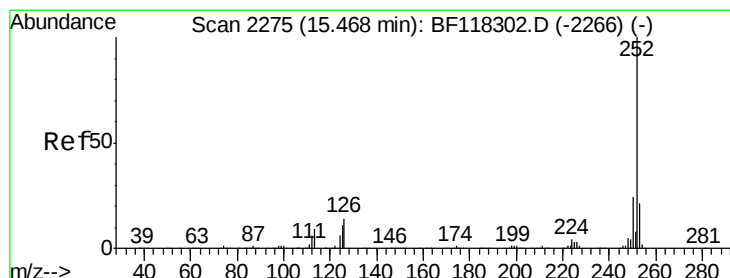
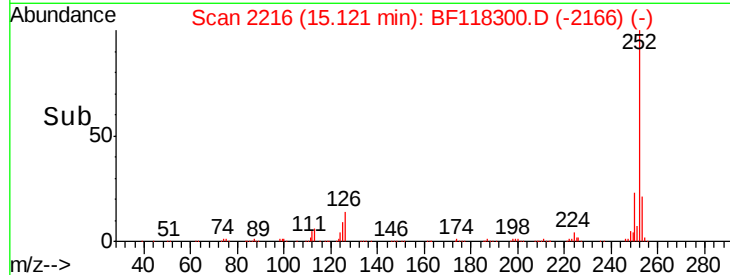
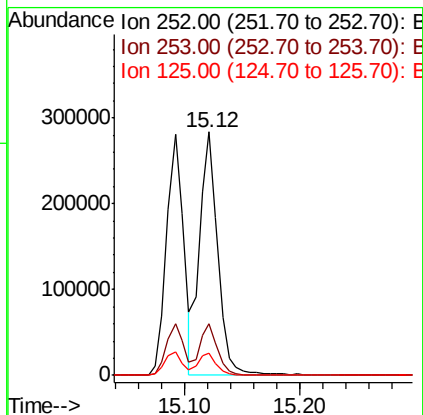
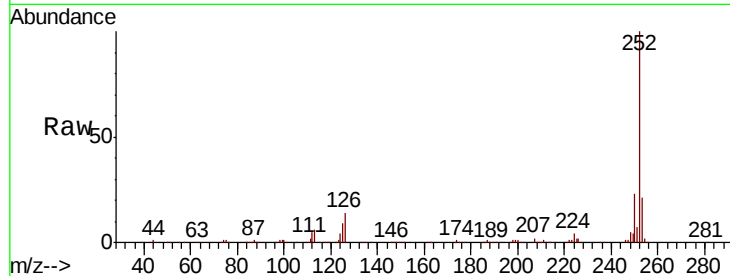




#89
Benzo(k)fluoranthene
Concen: 11.768 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

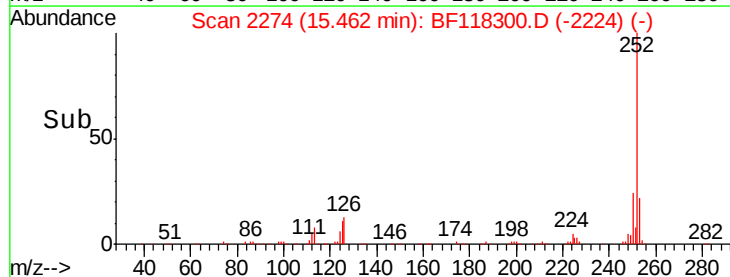
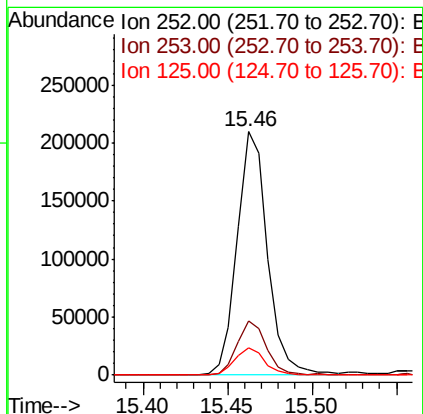
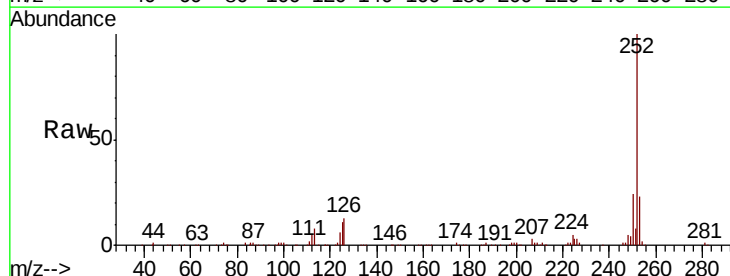
Instrument :
BNA_E
ClientSampleId :

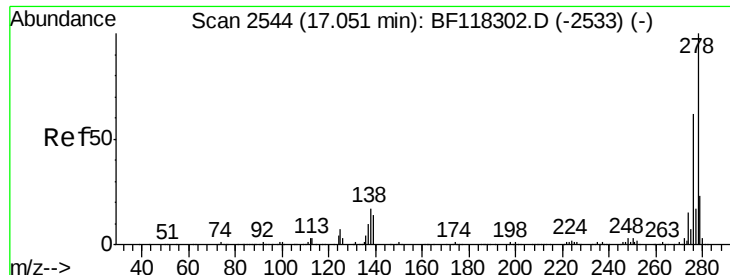
Tot Ion:252 Resp: 314752
Ion Ratio Lower Upper
252 100
253 21.1 18.0 27.0
125 9.4 8.0 12.0



#90
Benzo(a)pyrene
Concen: 10.699 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:252 Resp: 263083
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.3 9.0 13.4



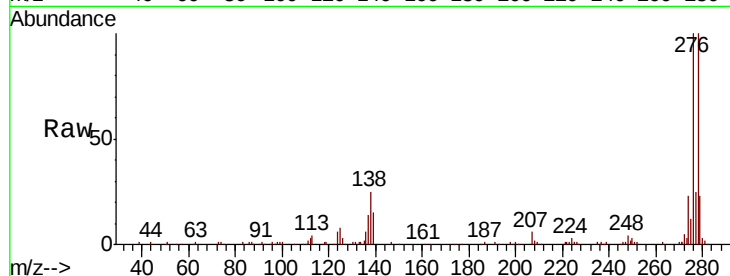


#91
Dibenzo(a,h)anthracene
Concen: 9.585 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

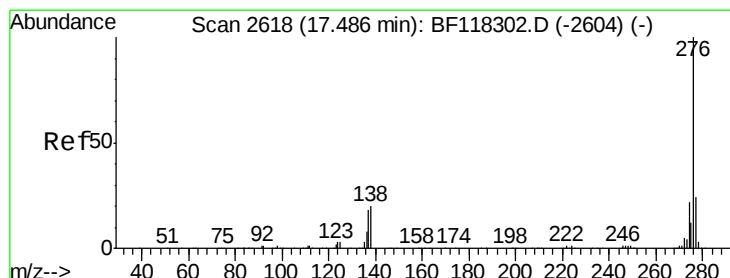
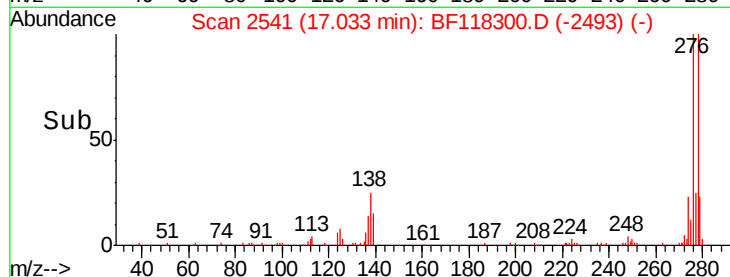
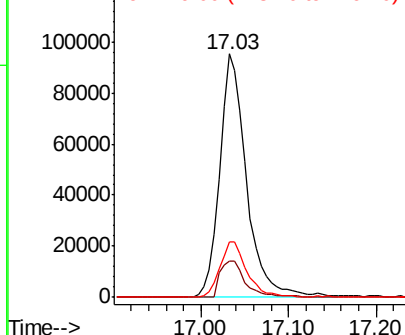
Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 202145

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.5	17.3
279	23.0	18.3	27.5



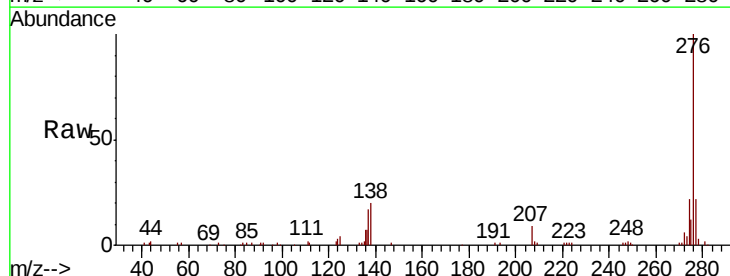
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.263 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.01 min
Lab File: BF118300.D
Acq: 24 Dec 2019 11:00

Tgt Ion:276 Resp: 187723

Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.1	28.7
138	20.2	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

