

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118022.D
 Acq On : 27 Nov 2019 1:58
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 07:49:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	104912	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	363053	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	154871	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	251304	20.00	ng	0.00
76) Chrysene-d12	14.09	240	192860	20.00	ng	0.00
87) Perylene-d12	15.59	264	156100	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	503664	84.98	ng	0.00
7) Phenol-d6	6.52	99	596958	83.50	ng	0.00
23) Nitrobenzene-d5	7.46	82	548435	89.80	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	126573	77.20	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	960155	111.22	ng	0.00
79) Terphenyl-d14	13.03	244	885290	83.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	105511	38.085	ng	96
3) Pyridine	3.42	79	285157	39.238	ng	97
4) n-Nitrosodimethylamine	3.37	42	121105	38.175	ng	95
6) Aniline	6.56	93	385248	40.781	ng	98
8) 2-Chlorophenol	6.68	128	272471	42.367	ng	99
9) Benzaldehyde	6.45	77	183396	39.522	ng	96
10) Phenol	6.54	94	337509	45.434	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	248526	41.661	ng	98
12) 1,3-Dichlorobenzene	6.84	146	324604	42.872	ng	98
13) 1,4-Dichlorobenzene	6.92	146	326071	42.606	ng	99
14) 1,2-Dichlorobenzene	7.07	146	304899	41.656	ng	99
15) Benzyl Alcohol	7.03	79	232141	42.061	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	324092	35.287	ng	95
17) 2-Methylphenol	7.15	107	216396	39.733	ng	99
18) Hexachloroethane	7.41	117	78467	27.910	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	177776	40.310	ng	95
20) 3+4-Methylphenols	7.30	107	271963	40.228	ng	# 82
22) Acetophenone	7.30	105	372047	45.612	ng	96
24) Nitrobenzene	7.48	77	270147	42.877	ng	99
25) Isophorone	7.72	82	466824	41.704	ng	96
26) 2-Nitrophenol	7.80	139	97365	31.750	ng	99
27) 2,4-Dimethylphenol	7.83	122	192385	40.373	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	304544	42.874	ng	99
29) 2,4-Dichlorophenol	8.04	162	207201	40.087	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	251315	41.917	ng	96
31) Naphthalene	8.20	128	752641	44.469	ng	99
32) Benzoic acid	7.97	122	20153	5.051	ng	95
33) 4-Chloroaniline	8.25	127	309657	40.868	ng	99
34) Hexachlorobutadiene	8.32	225	155173	44.267	ng	99
35) Caprolactam	8.62	113	59143	36.003	ng	# 84
36) 4-Chloro-3-methylphenol	8.73	107	201629	38.437	ng	98
37) 2-Methylnaphthalene	8.90	142	471685	41.246	ng	99
38) 1-Methylnaphthalene	9.00	142	438360	40.546	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	211370	46.996	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	6251	2.480	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	131186	40.723	ng	98
44) 2,4,5-Trichlorophenol	9.22	196	130344	38.970	ng	96
46) 1,1'-Biphenyl	9.36	154	557517	48.522	ng	99
47) 2-Chloronaphthalene	9.39	162	429457	45.434	ng	98
48) 2-Nitroaniline	9.49	65	128355	44.979	ng	85
49) Acenaphthylene	9.81	152	618328	44.868	ng	98
50) Dimethylphthalate	9.66	163	516647	47.572	ng	98
51) 2,6-Dinitrotoluene	9.73	165	93502	39.394	ng #	85
52) Acenaphthene	9.98	154	362801	41.096	ng	98
53) 3-Nitroaniline	9.90	138	126792	44.643	ng	96
54) 2,4-Dinitrophenol	10.01	184	1276	8.176	ng #	85
55) Dibenzofuran	10.15	168	534167	43.696	ng	98
56) 4-Nitrophenol	10.05	139	66512	31.374	ng	94
57) 2,4-Dinitrotoluene	10.13	165	107880	35.730	ng #	86
58) Fluorene	10.50	166	398856	42.104	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.27	232	98661	35.900	ng	100
60) Diethylphthalate	10.36	149	486443	45.943	ng	99
61) 4-Chlorophenyl-phenylether	10.49	204	207756	43.215	ng	99
62) 4-Nitroaniline	10.51	138	125693	44.201	ng	97
63) Azobenzene	10.65	77	380878	39.540	ng	98
65) 4,6-Dinitro-2-methylphenol	10.54	198	3207	2.734	ng	73
66) n-Nitrosodiphenylamine	10.60	169	349451	47.780	ng	99
67) 4-Bromophenyl-phenylether	10.98	248	123487	45.541	ng	99
68) Hexachlorobenzene	11.05	284	136505	43.173	ng	93
69) Atrazine	11.13	200	97518	40.534	ng	98
70) Pentachlorophenol	11.24	266	58311	31.567	ng	99
71) Phenanthrene	11.46	178	551555	43.654	ng	98
72) Anthracene	11.52	178	560083	44.710	ng	98
73) Carbazole	11.67	167	499350	45.616	ng	98
74) Di-n-butylphthalate	12.00	149	669569	49.126	ng	98
75) Fluoranthene	12.66	202	577418	51.227	ng	99
77) Benzidine	12.77	184	264602	41.885	ng	99
78) Pyrene	12.89	202	589374	37.814	ng	98
80) Butylbenzylphthalate	13.50	149	284372	42.480	ng	92
81) Benzo(a)anthracene	14.08	228	528339	41.456	ng	99
82) 3,3'-Dichlorobenzidine	14.04	252	207859	46.627	ng	99
83) Chrysene	14.12	228	509492	41.256	ng	97
84) Bis(2-ethylhexyl)phthalate	14.06	149	405991	50.025	ng	99
85) Di-n-octyl phthalate	14.67	149	669392	56.144	ng	98
86) Indeno(1,2,3-cd)pyrene	17.12	276	363667	34.600	ng	98
88) Benzo(b)fluoranthene	15.15	252	427100	42.113	ng	98
89) Benzo(k)fluoranthene	15.18	252	403770	42.253	ng	99
90) Benzo(a)pyrene	15.53	252	362094	40.602	ng	99
91) Dibenzo(a,h)anthracene	17.13	278	310619	40.466	ng	98
92) Benzo(g,h,i)perylene	17.59	276	281776	36.855	ng	96

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

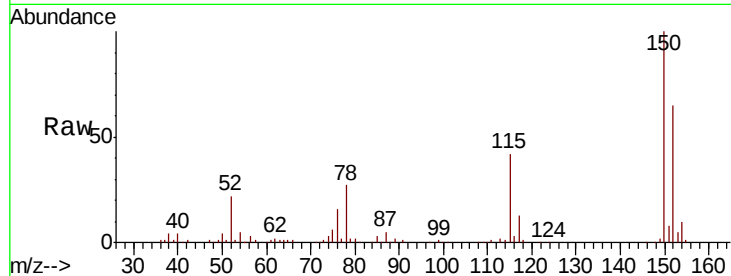


#1

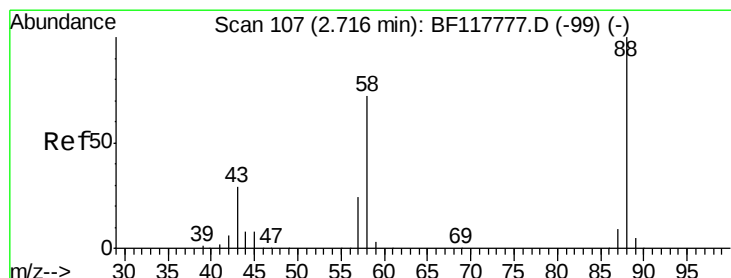
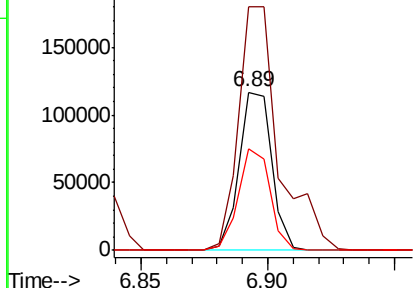
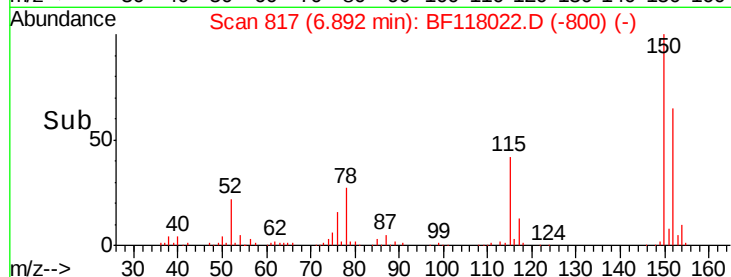
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104912
Ion Ratio Lower Upper
152 100
150 153.8 125.3 187.9
115 64.2 47.0 70.4



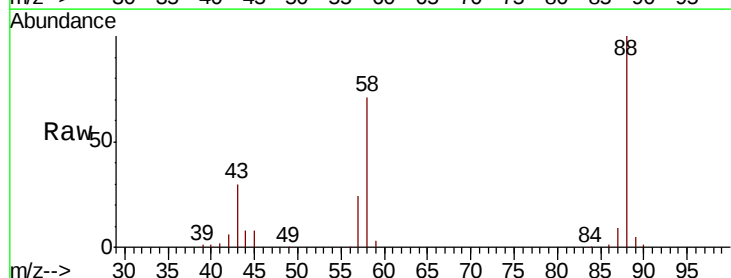
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



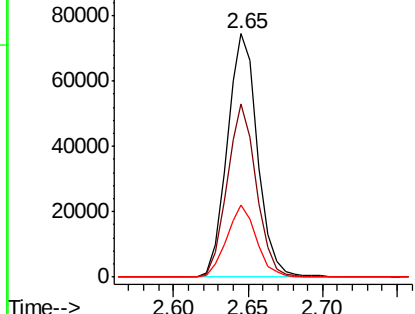
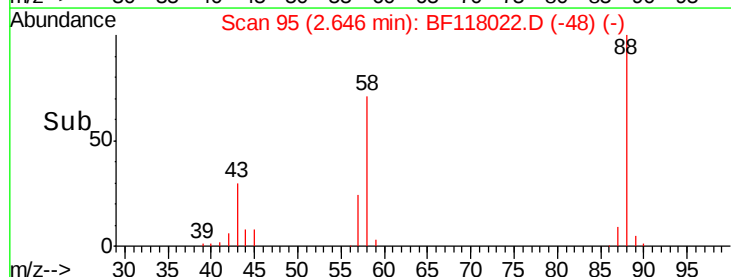
#2

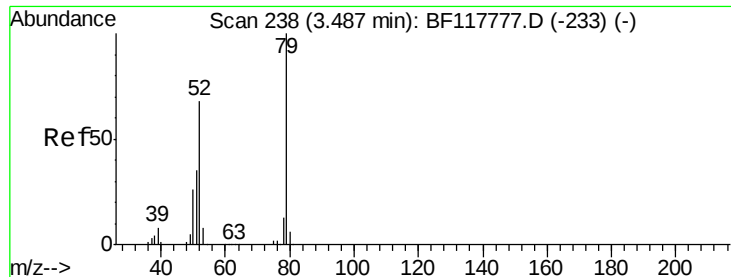
1,4-Dioxane
Concen: 38.085 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.02 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion: 88 Resp: 105511
Ion Ratio Lower Upper
88 100
58 68.6 58.2 87.2
43 29.0 23.3 34.9



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: 39.238 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.02 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

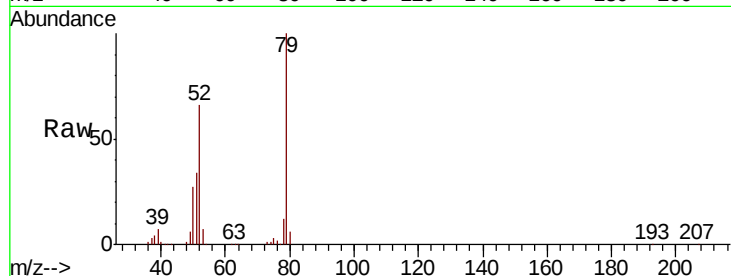
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 285157

Ion	Ratio	Lower	Upper
79	100		
52	65.8	54.8	82.2
51	34.1	28.2	42.4

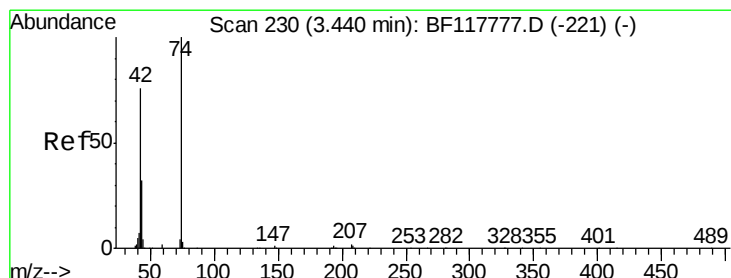
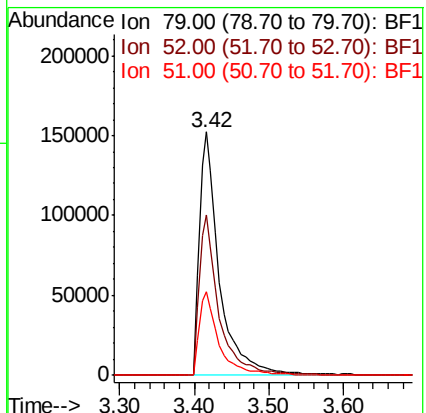
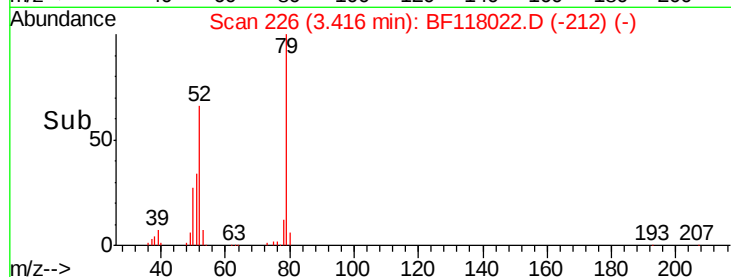


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.175 ng

RT: 3.37 min Scan# 218

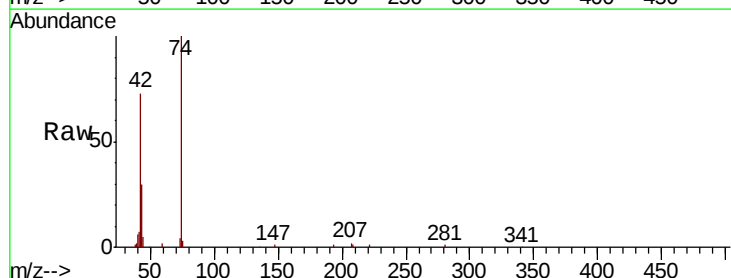
Delta R.T. -0.02 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Tgt Ion: 42 Resp: 121105

Ion	Ratio	Lower	Upper
42	100		
74	137.2	105.1	157.7
44	7.0	4.6	7.0

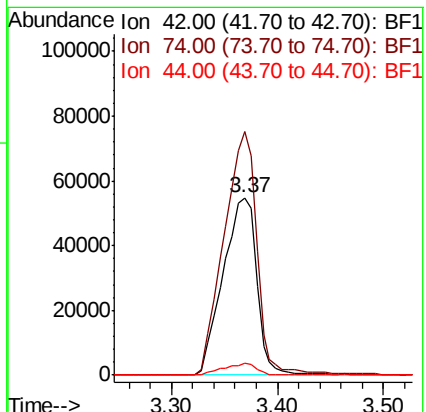
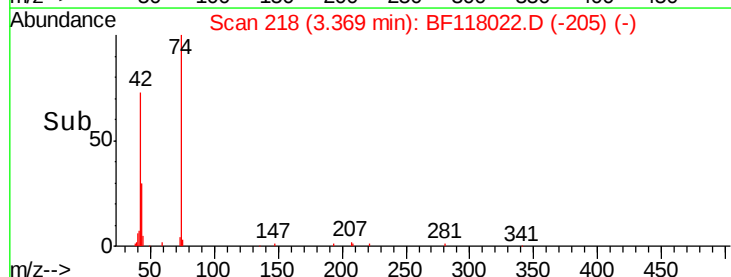


Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.980 ng

RT: 5.50 min Scan# 581

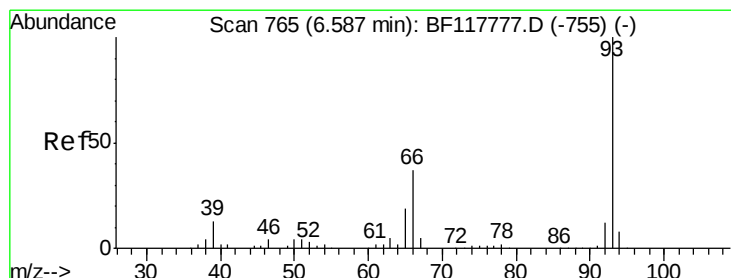
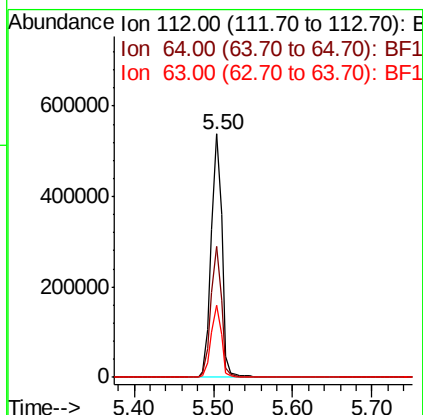
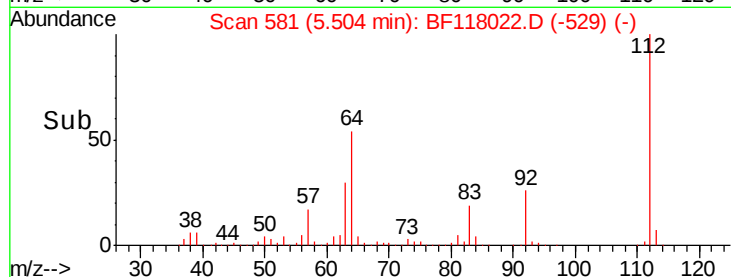
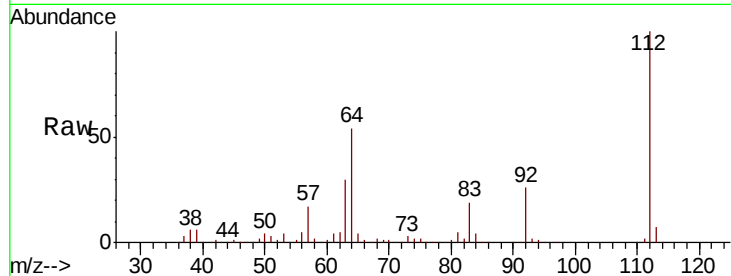
Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	503664
Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.6	68.4
63	29.5	24.1	36.1



#6

Aniline

Concen: 40.781 ng

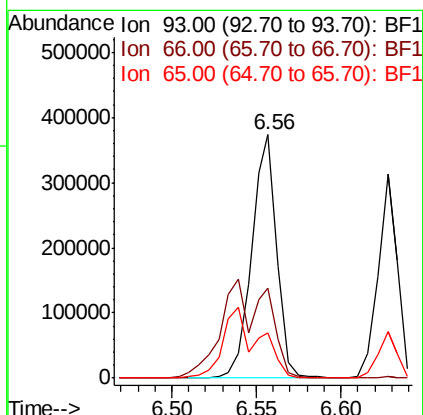
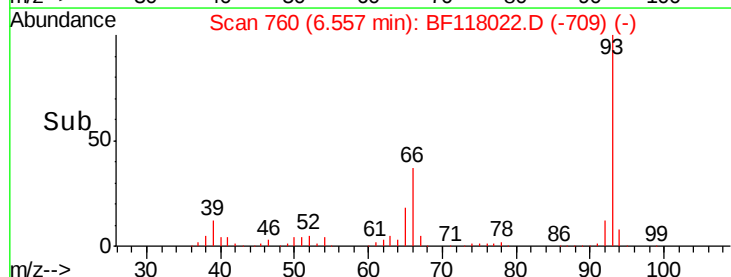
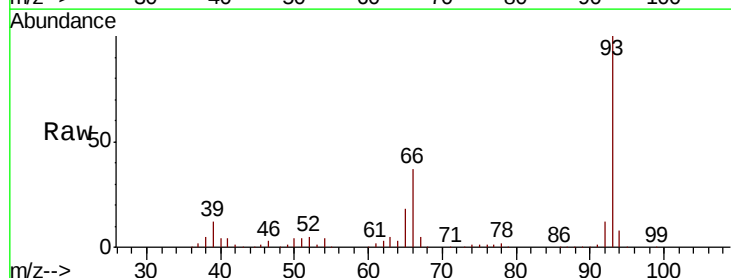
RT: 6.56 min Scan# 760

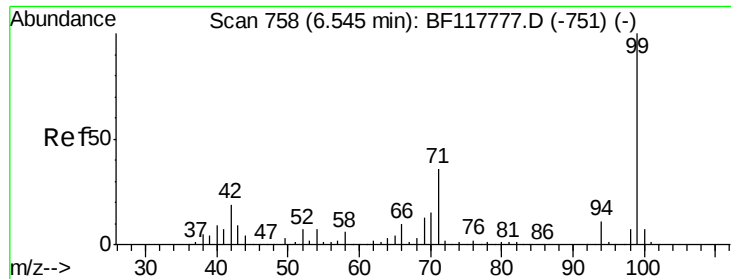
Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Tgt Ion:	93	Resp:	385248
Ion	Ratio	Lower	Upper
93	100		
66	37.0	30.6	45.8
65	18.5	15.6	23.4





#7

Phenol-d6

Concen: 83.505 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

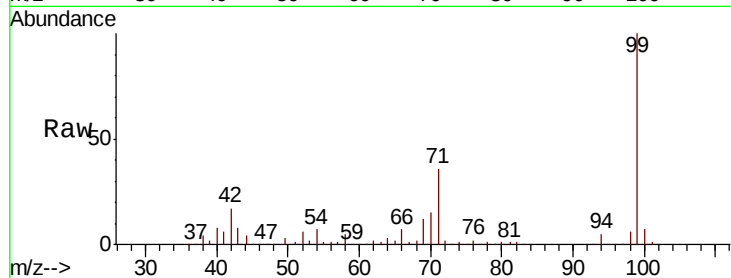
Tot Ion: 99 Resp: 596958

Ion Ratio Lower Upper

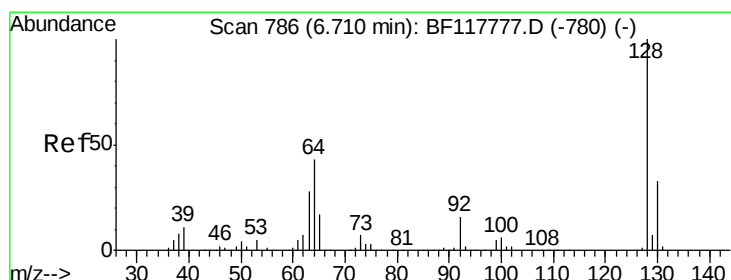
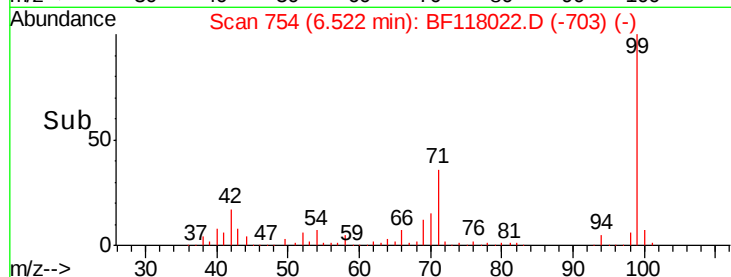
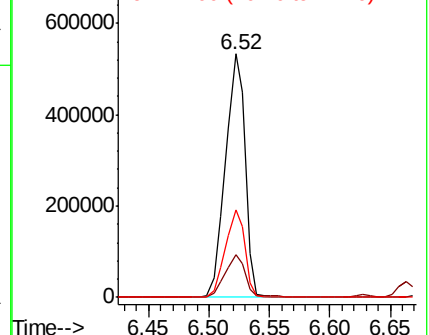
99 100

42 17.4 14.9 22.3

71 35.9 28.6 43.0



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: 42.367 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

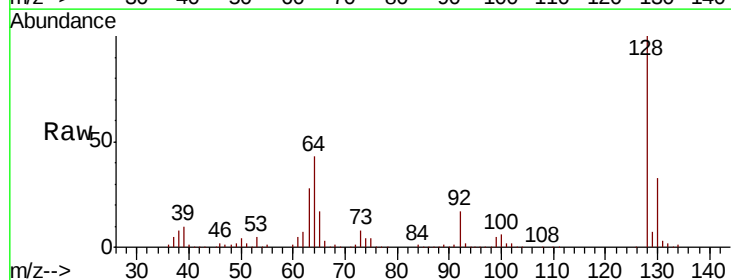
Tgt Ion: 128 Resp: 272471

Ion Ratio Lower Upper

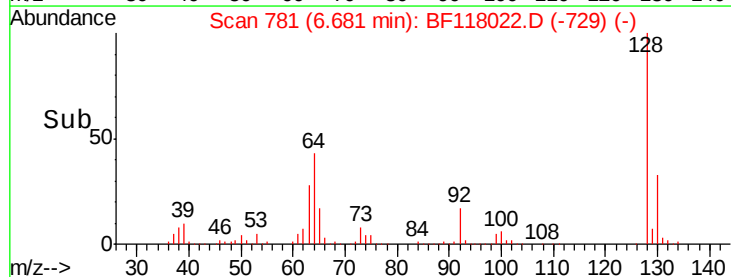
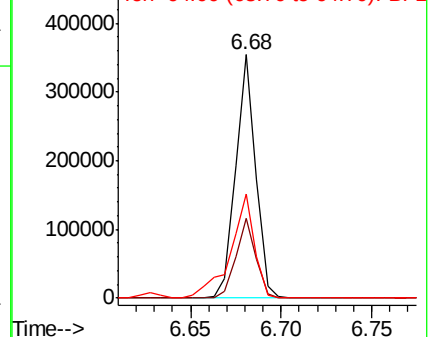
128 100

130 33.0 13.2 53.2

64 43.0 23.7 63.7



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

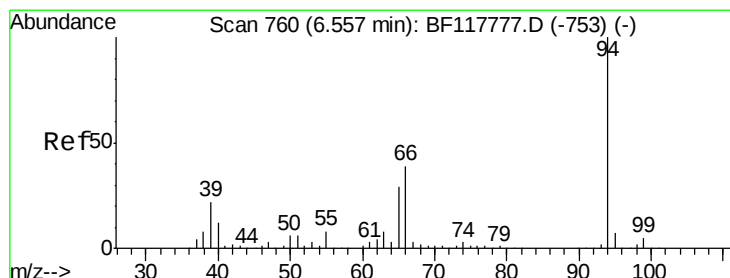
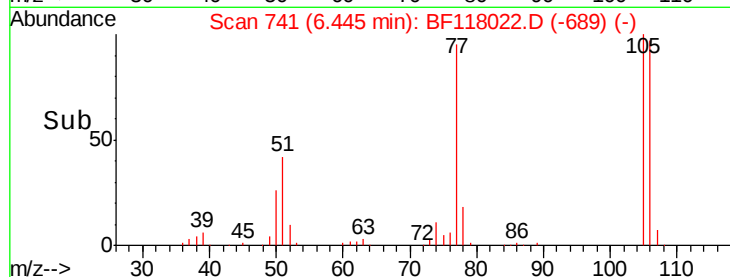
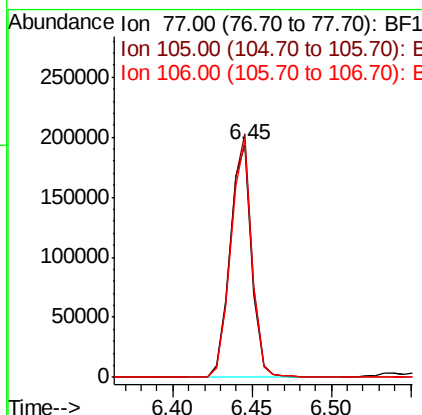
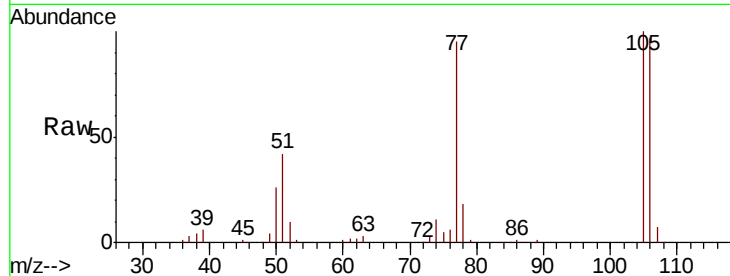




#9
Benzaldehyde
Concen: 39.522 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

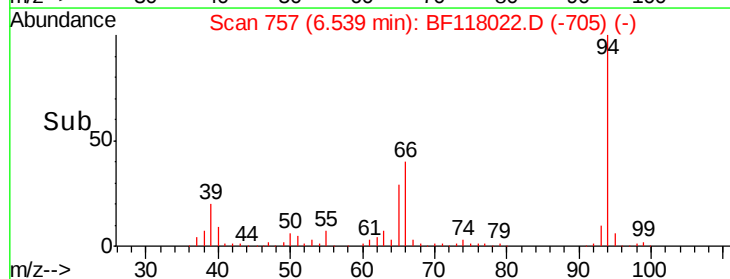
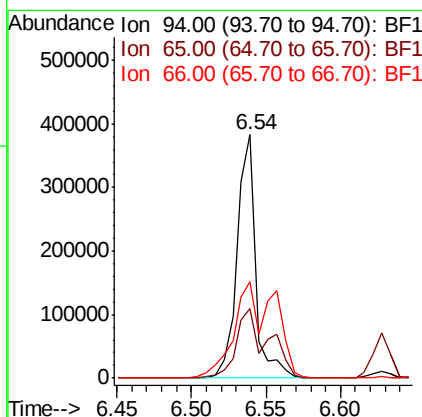
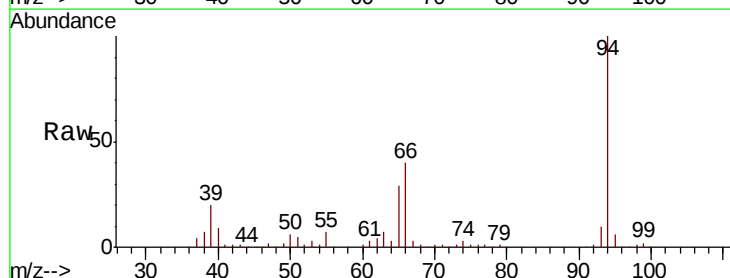
Instrument :
BNA_F
ClientSampled :

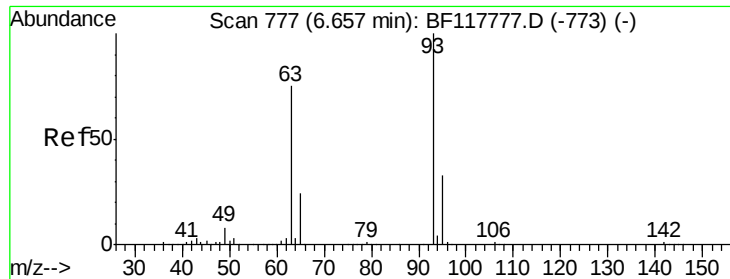
Tot Ion: 77 Resp: 183396
Ion Ratio Lower Upper
77 100
105 104.8 80.2 120.2
106 102.0 78.4 118.4



#10
Phenol
Concen: 45.434 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion: 94 Resp: 337509
Ion Ratio Lower Upper
94 100
65 28.5 8.9 48.9
66 39.7 18.7 58.7

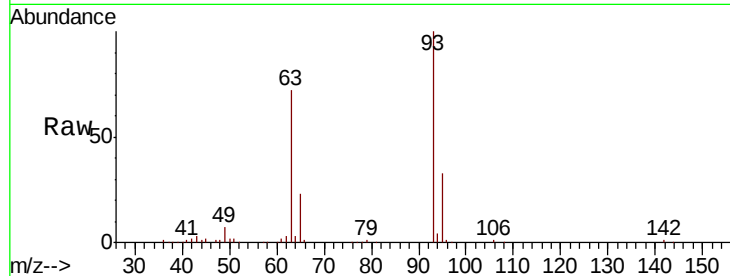




#11
bis(2-Chloroethyl)ether
Concen: 41.661 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	54.8	94.8
95	32.6	12.7	52.7

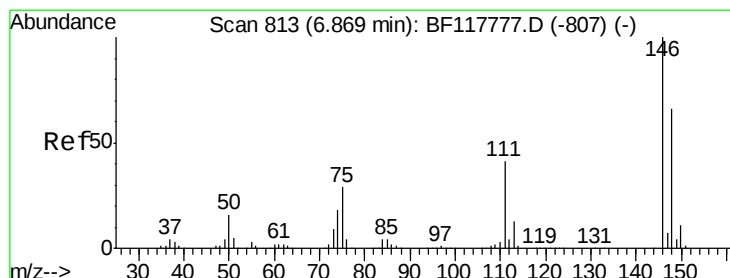
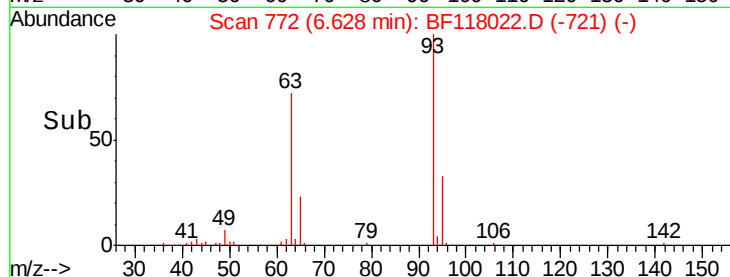
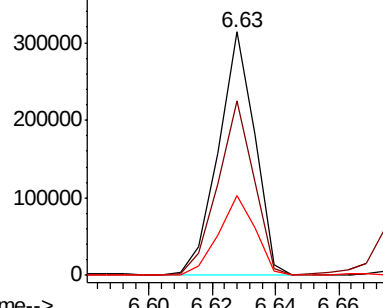


Abundance

Ion 93.00 (92.70 to 93.70): BF1

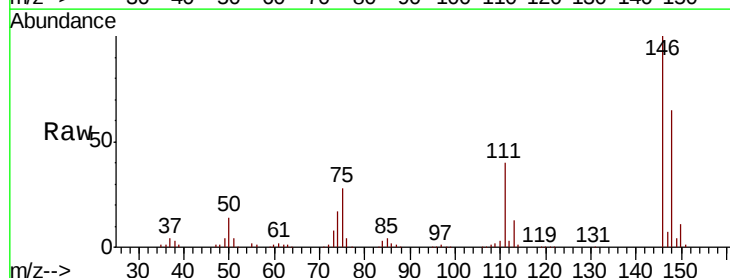
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 42.872 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.8	79.2
75	27.6	23.4	35.0

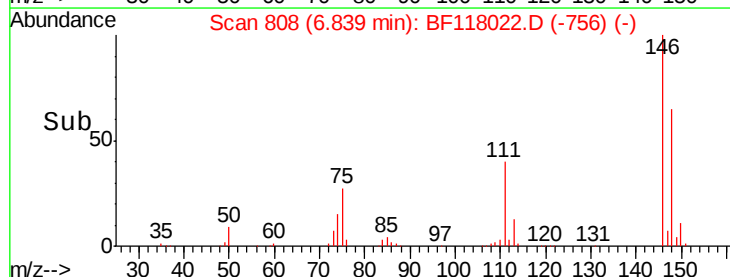
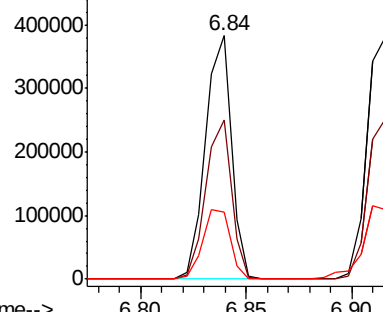


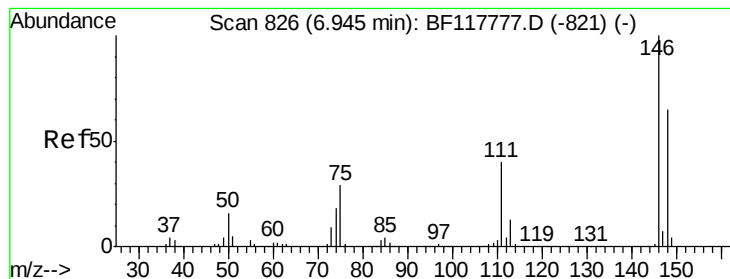
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.606 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampled :

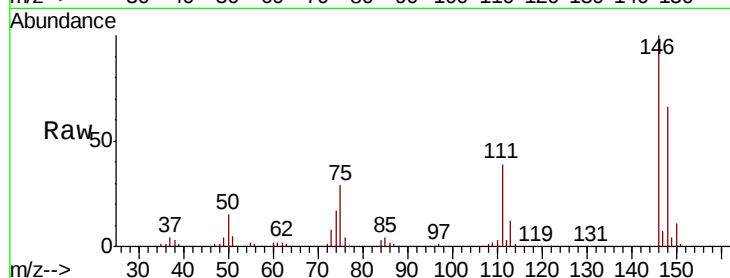
Tot Ion:146 Resp: 326071

Ion Ratio Lower Upper

146 100

148 66.4 52.3 78.5

111 39.4 32.2 48.4

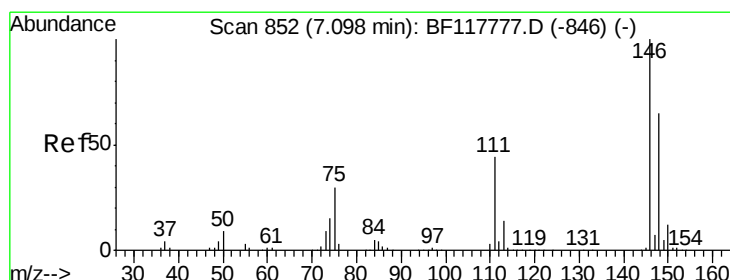
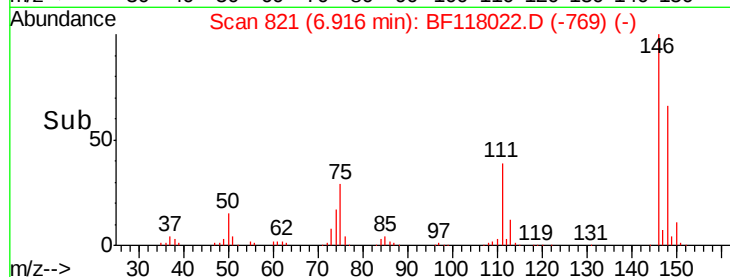
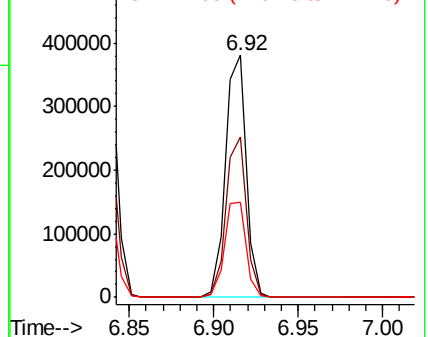


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.656 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

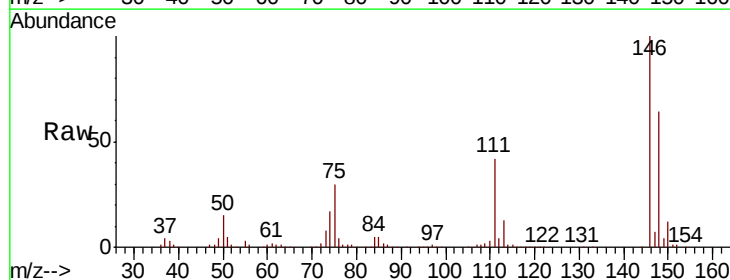
Tgt Ion:146 Resp: 304899

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

111 42.2 35.0 52.6

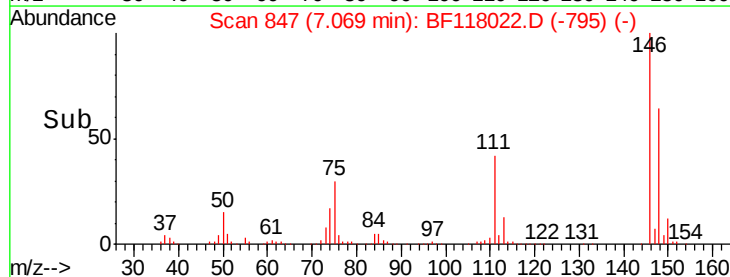
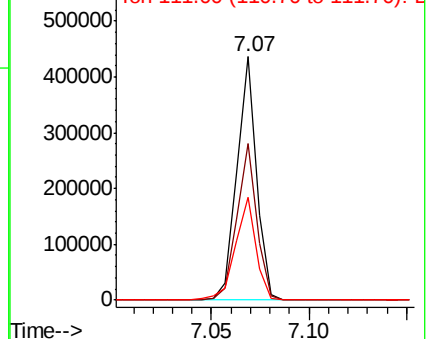


Abundance

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: 42.061 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

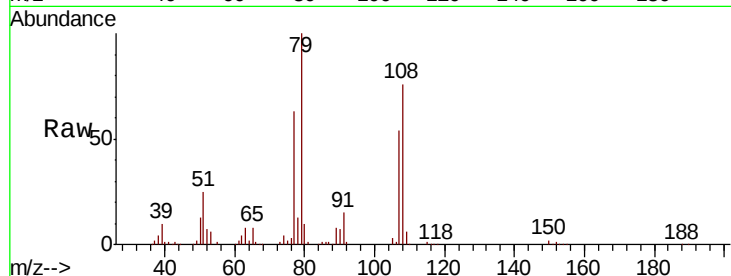
Tot Ion: 79 Resp: 232141

Ion Ratio Lower Upper

79 100

108 76.5 64.1 96.1

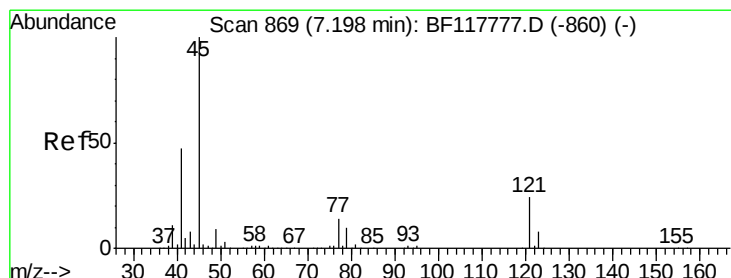
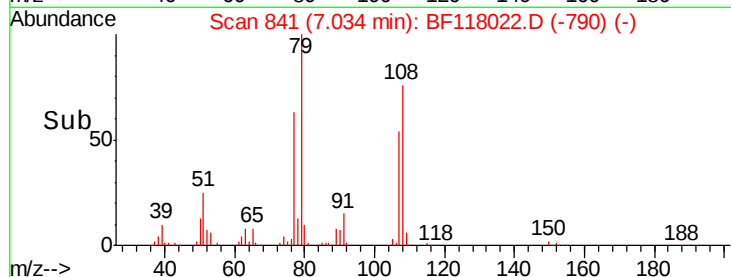
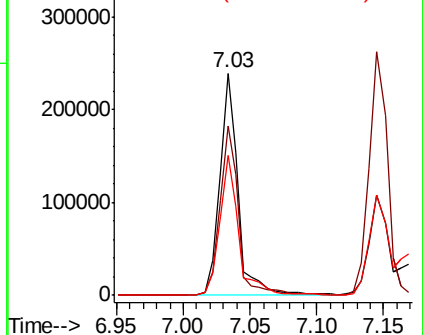
77 63.1 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.287 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

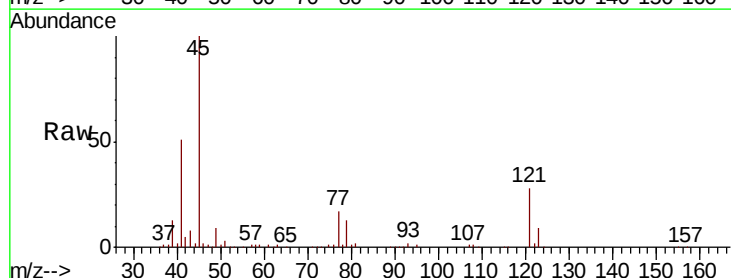
Tgt Ion: 45 Resp: 324092

Ion Ratio Lower Upper

45 100

77 17.4 0.0 35.0

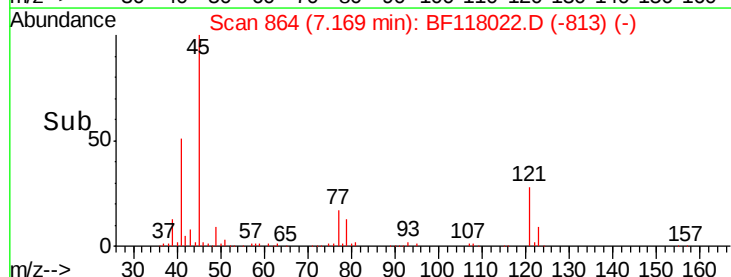
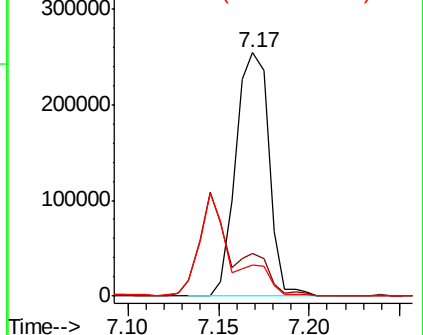
79 13.0 0.0 31.1

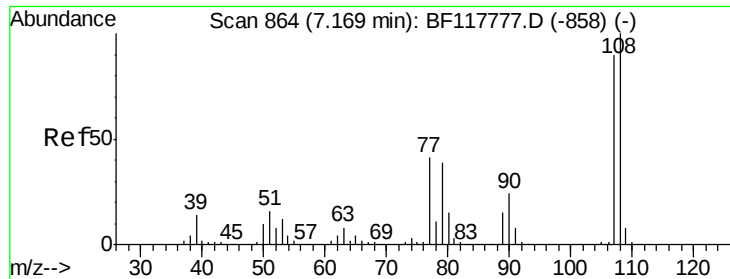


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.733 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 216396

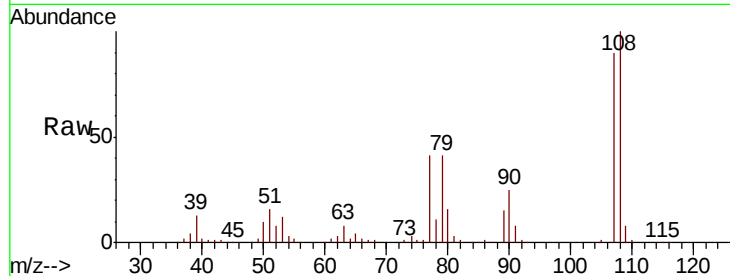
Ion Ratio Lower Upper

107 100

108 110.5 89.1 133.7

77 45.7 36.6 54.8

79 45.4 35.2 52.8

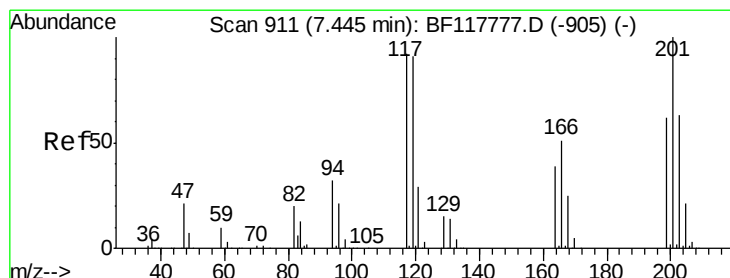
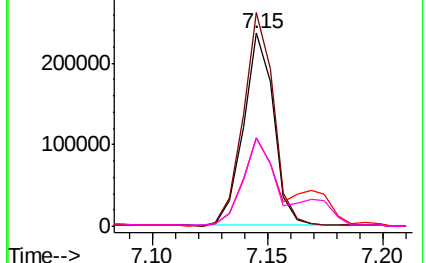
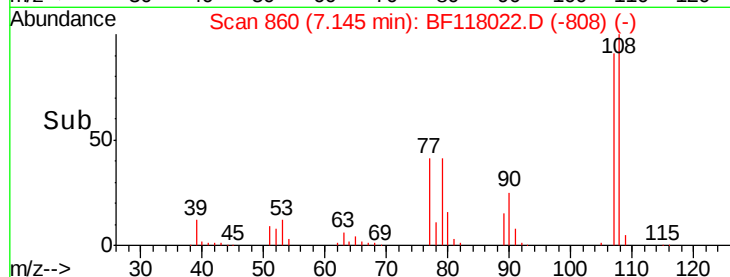


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.910 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

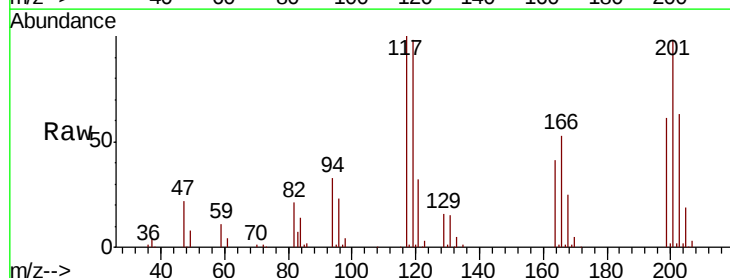
Tgt Ion:117 Resp: 78467

Ion Ratio Lower Upper

117 100

119 98.1 78.7 118.1

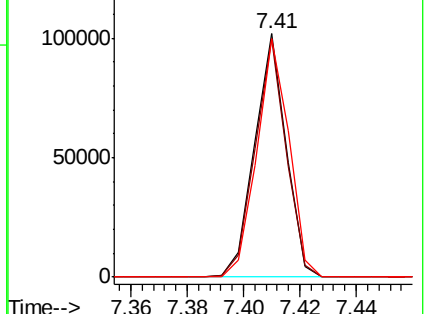
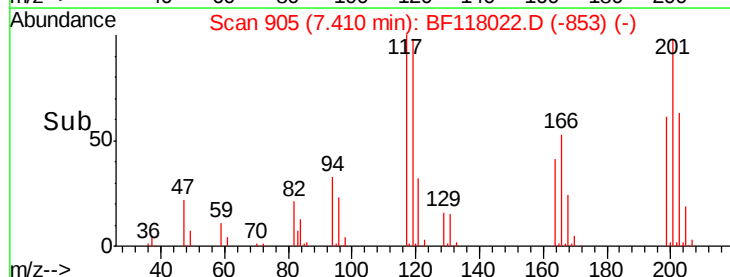
201 98.0 86.5 129.7

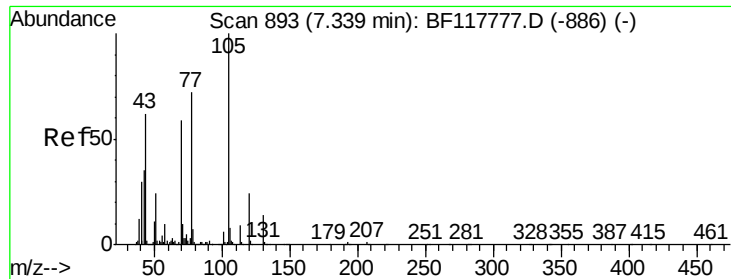


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

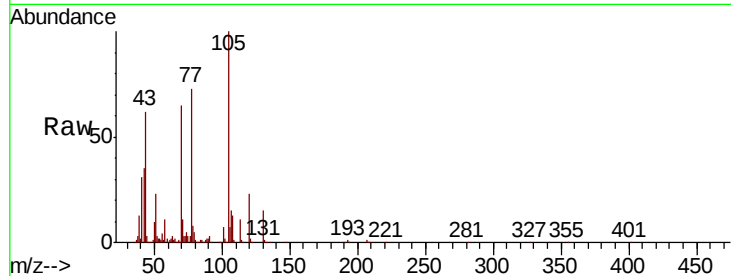




#19
n-Nitroso-di-n-propylamine
Concen: 40.310 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	177776
Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.4	71.2
101	10.6	8.4	12.6
130	23.4	18.8	28.2



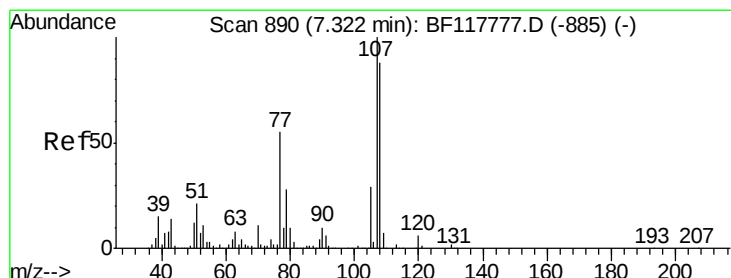
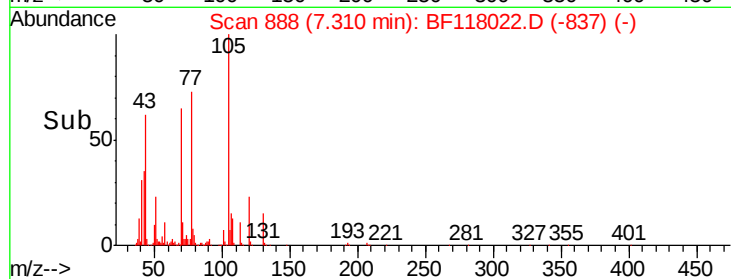
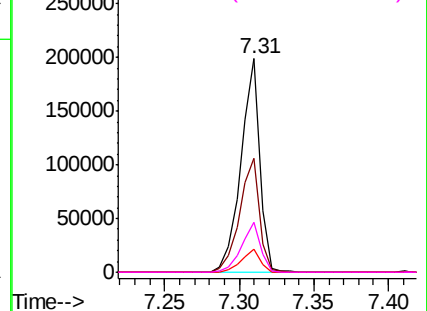
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

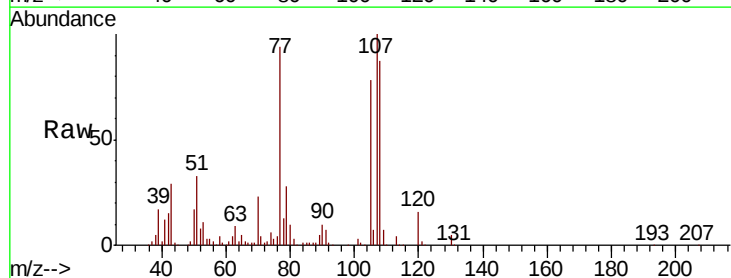
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.228 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion:	107	Resp:	271963
Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.4	108.4
77	93.8	35.2	75.2#
79	28.1	8.6	48.6



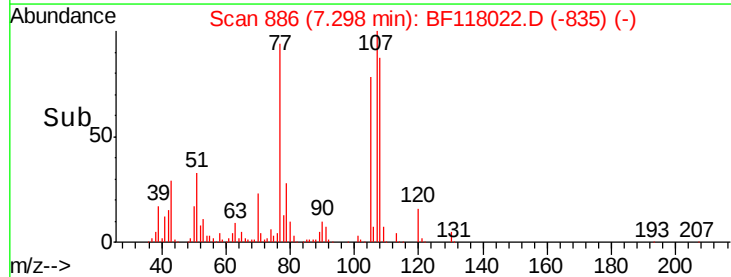
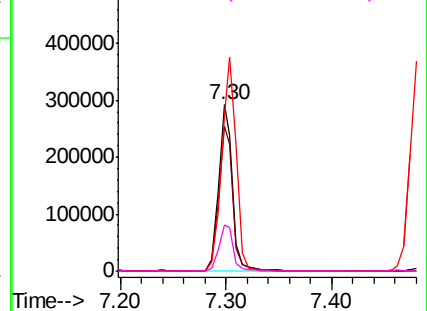
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

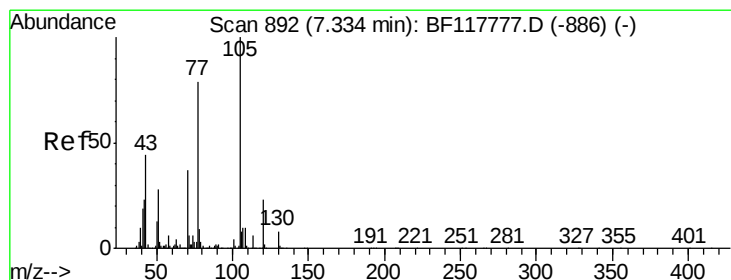
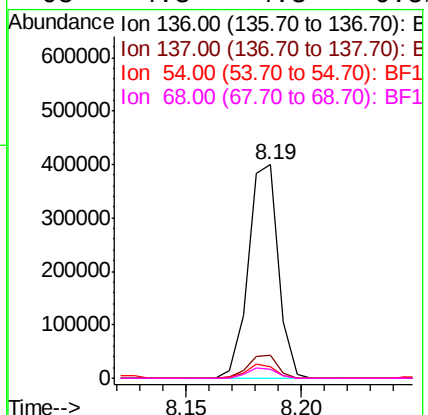
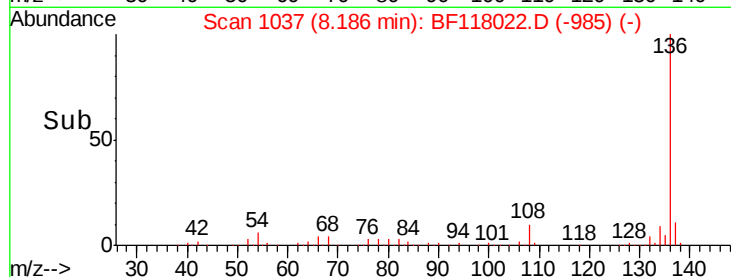
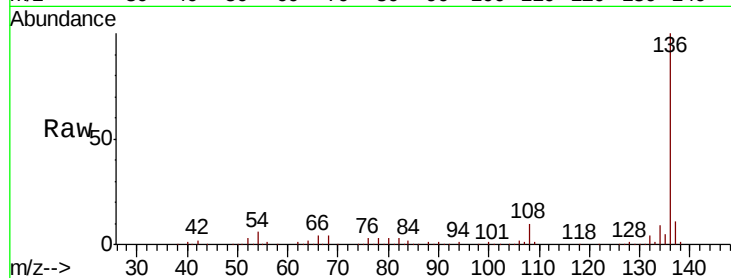




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

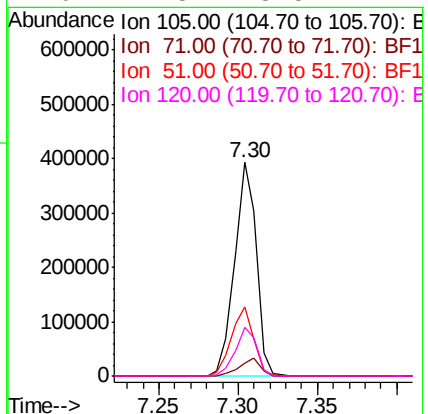
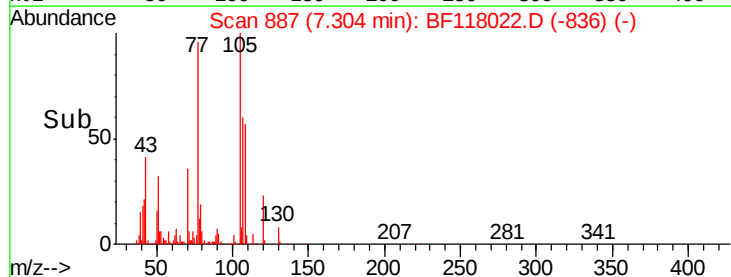
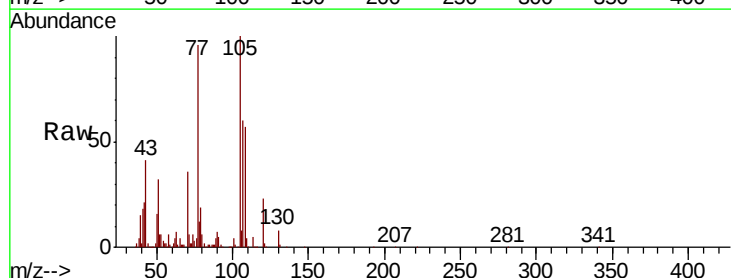
Instrument :
BNA_F
ClientSampleId :

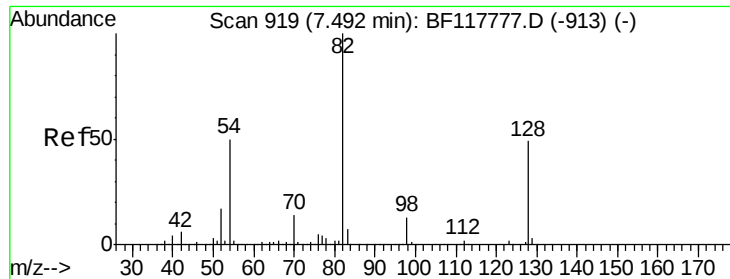
Tot Ion:136	Resp:	363053
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.4
54	5.7	5.4 8.2
68	4.3	4.3 6.5#



#22
Acetophenone
Concen: 45.612 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion:105	Resp:	372047
Ion Ratio	Lower	Upper
105	100	
71	6.1	4.9 7.3
51	32.4	22.7 34.1
120	22.8	18.5 27.7

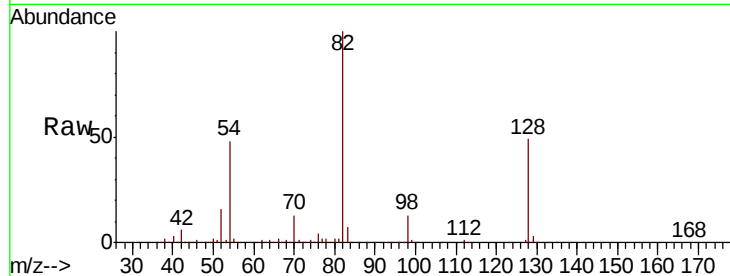




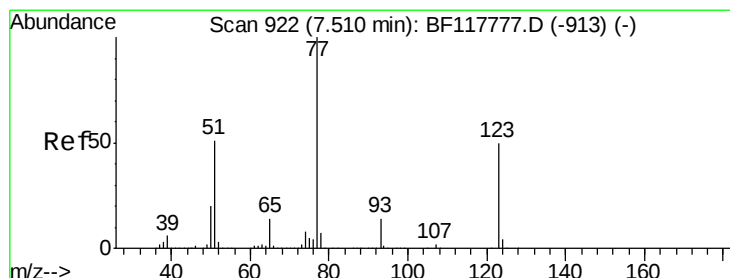
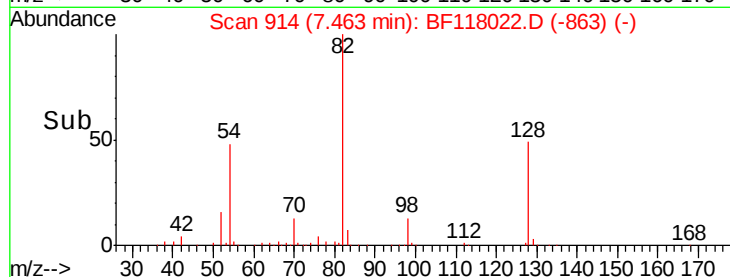
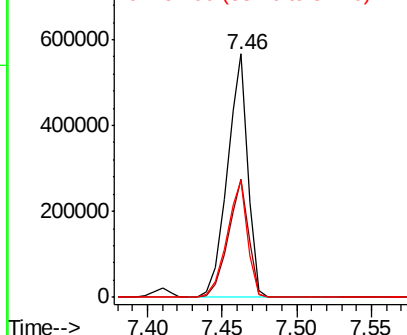
#23
Nitrobenzene-d5
Concen: 89.800 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	548435
Ion Ratio	Lower	Upper	
82	100		
128	48.6	38.9	58.3
54	47.9	39.8	59.6

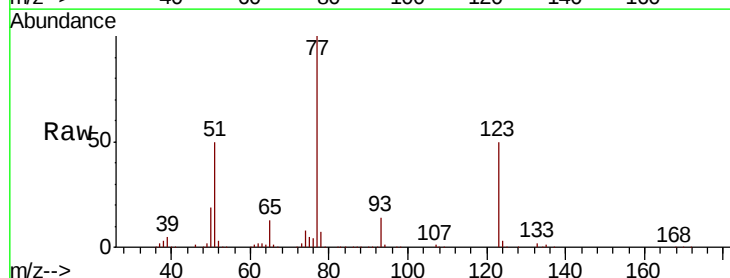


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

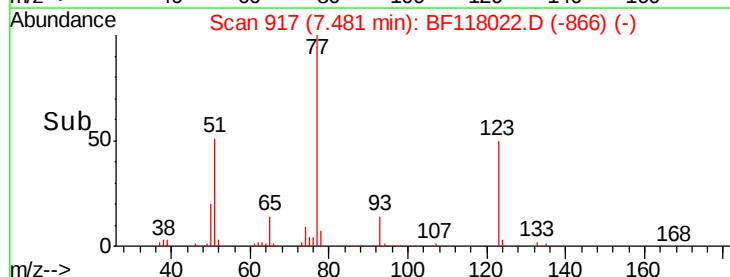
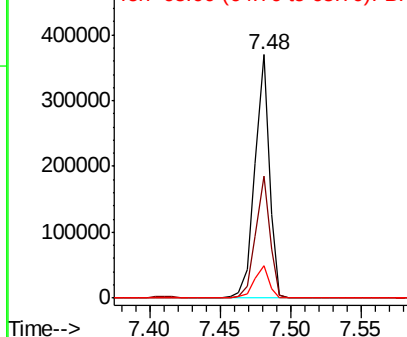


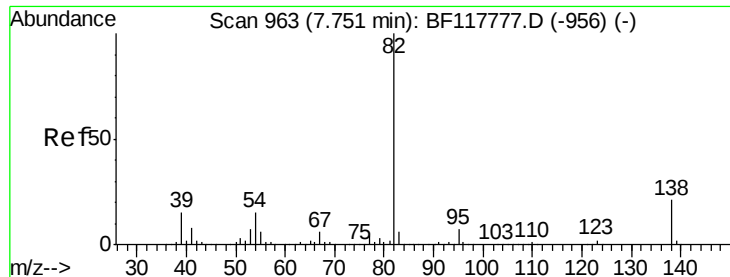
#24
Nitrobenzene
Concen: 42.877 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion	77	Resp	270147
Ion Ratio	Lower	Upper	
77	100		
123	49.9	40.3	60.5
65	13.5	10.9	16.3



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





#25

Isophorone

Concen: 41.704 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

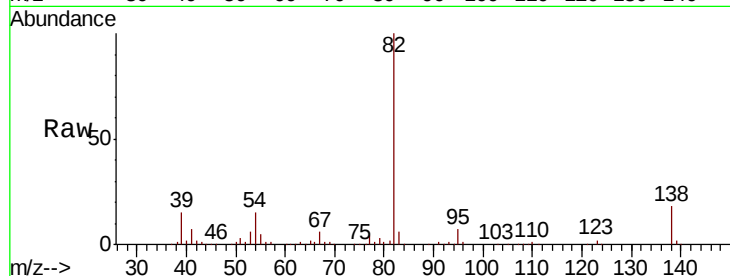
Tot Ion: 82 Resp: 466824

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

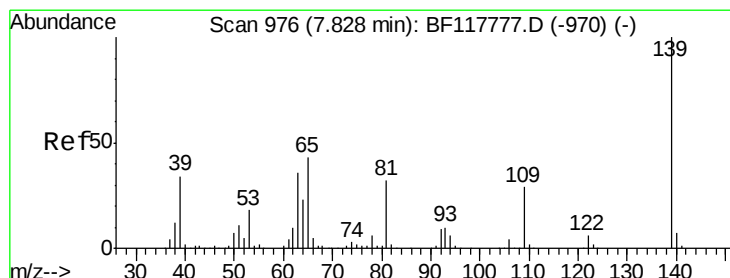
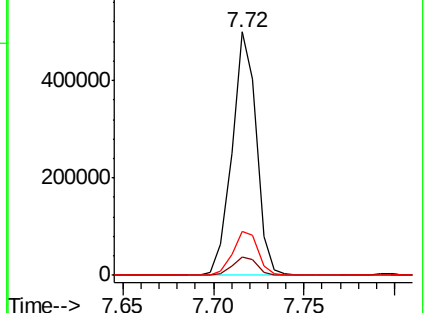
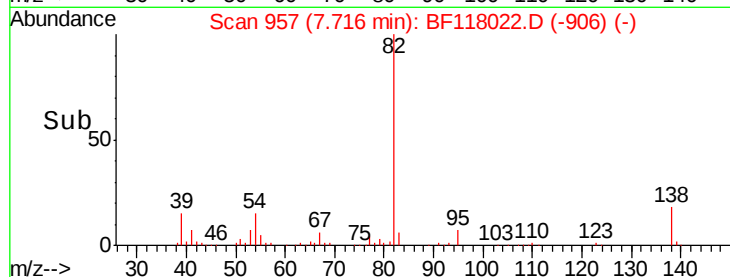
138 17.9 16.5 24.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 31.750 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

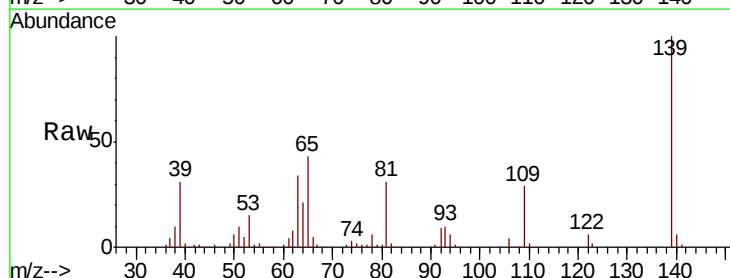
Tgt Ion: 139 Resp: 97365

Ion Ratio Lower Upper

139 100

109 29.2 23.0 34.4

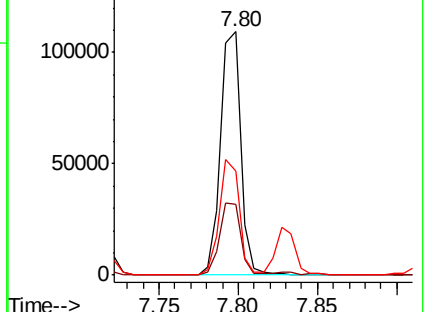
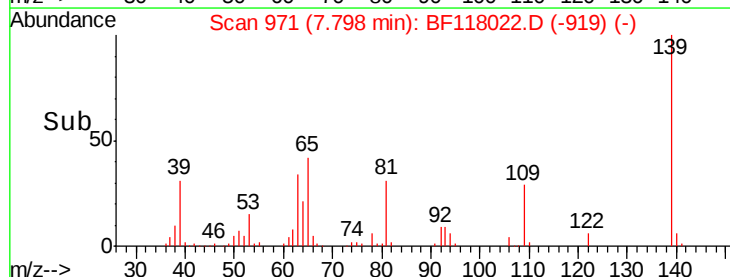
65 42.6 34.7 52.1

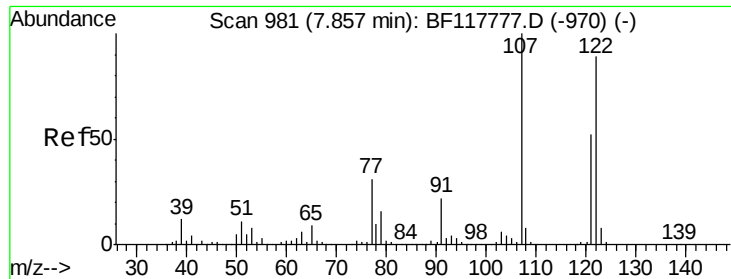


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.373 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

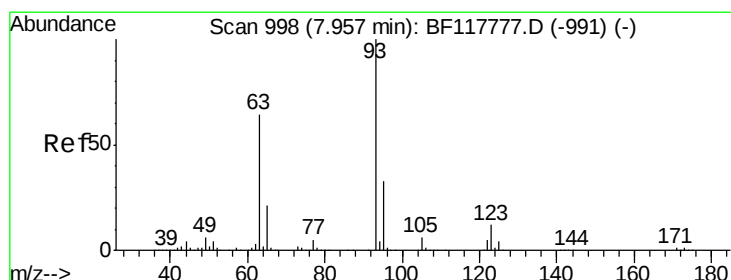
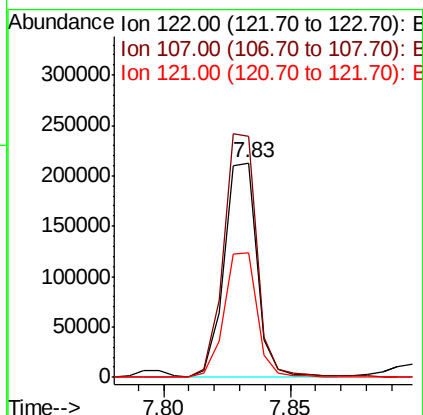
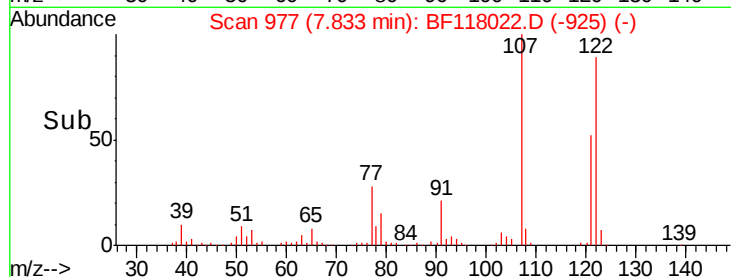
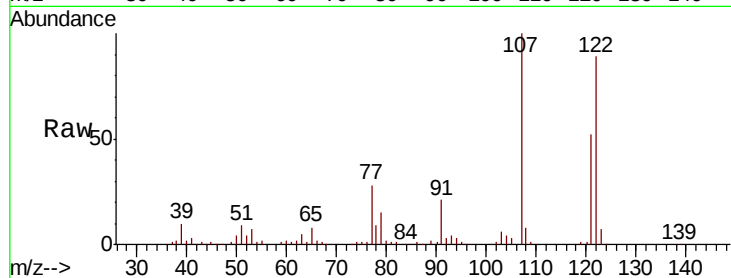
Tot Ion:122 Resp: 192385

Ion Ratio Lower Upper

122 100

107 112.5 90.0 135.0

121 58.1 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.874 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

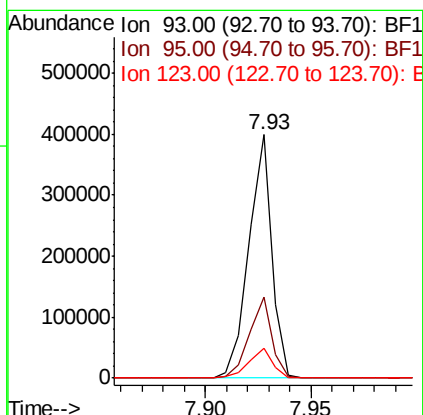
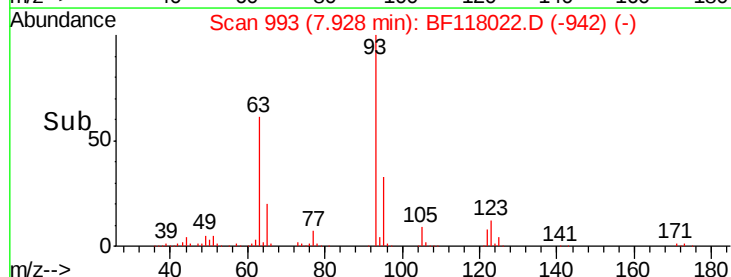
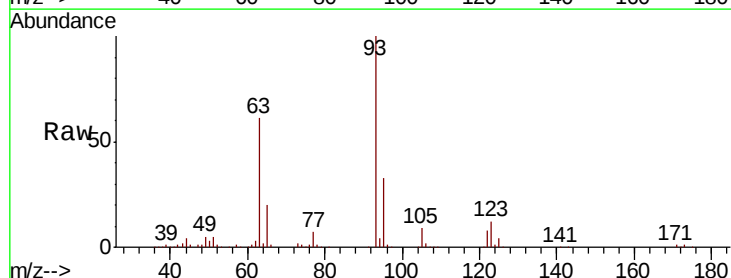
Tgt Ion: 93 Resp: 304544

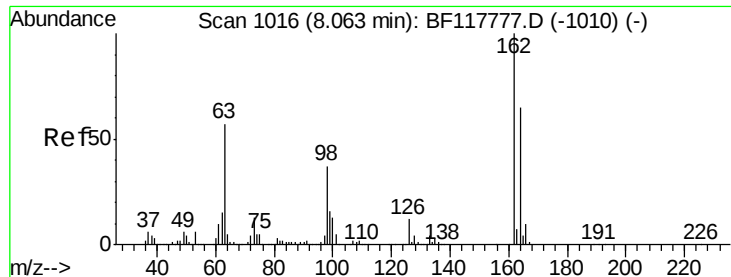
Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

123 12.3 10.3 15.5

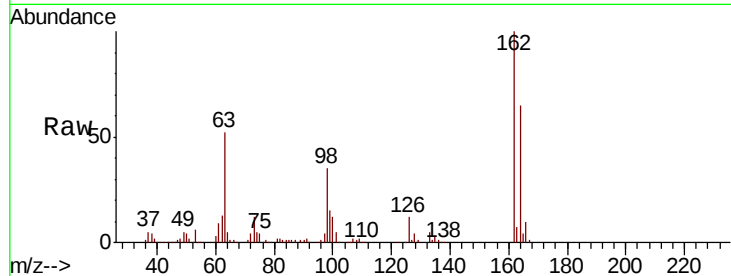




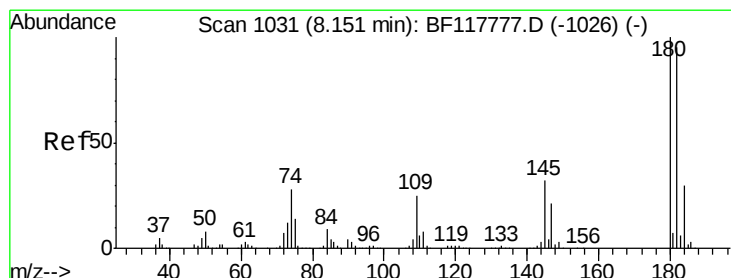
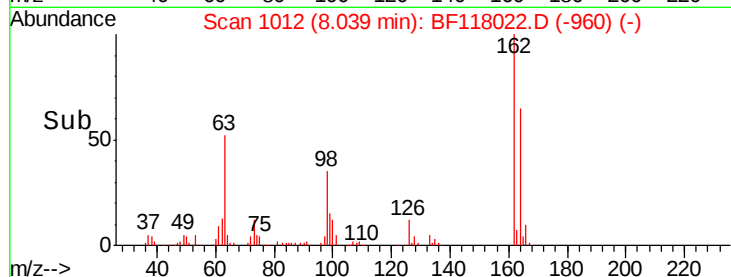
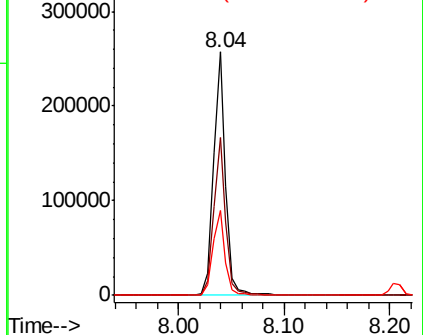
#29
2,4-Dichlorophenol
Concen: 40.087 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 207201
Ion Ratio Lower Upper
162 100
164 64.8 45.1 85.1
98 35.0 17.2 57.2

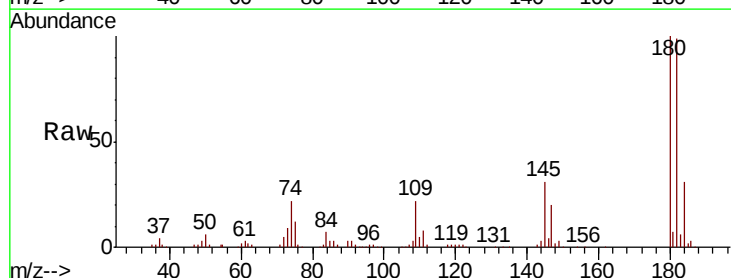


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

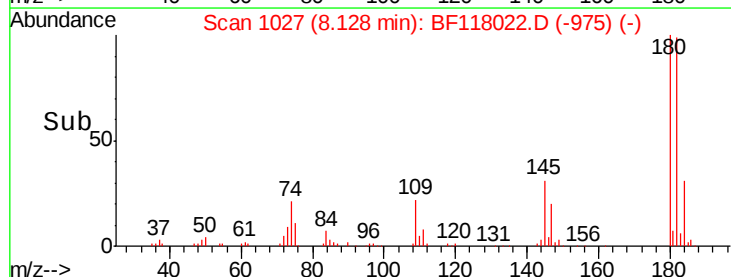
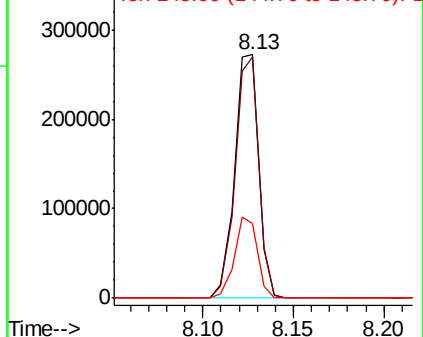


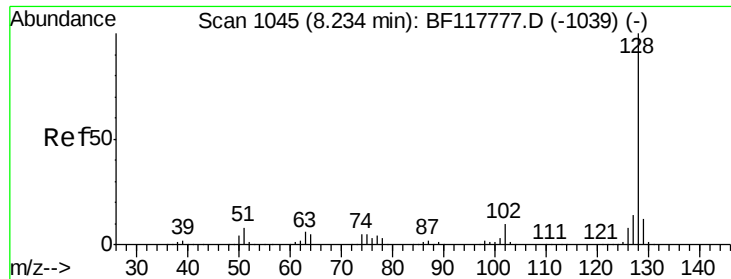
#30
1,2,4-Trichlorobenzene
Concen: 41.917 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion:180 Resp: 251315
Ion Ratio Lower Upper
180 100
182 99.0 75.8 113.6
145 30.7 25.5 38.3



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

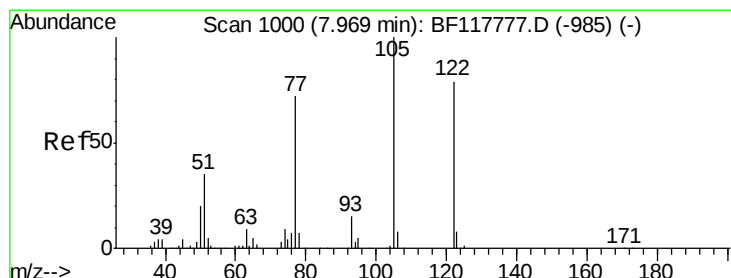
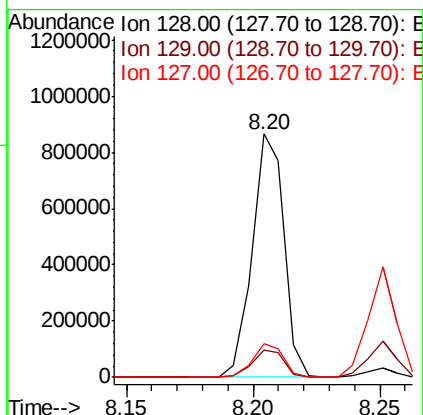
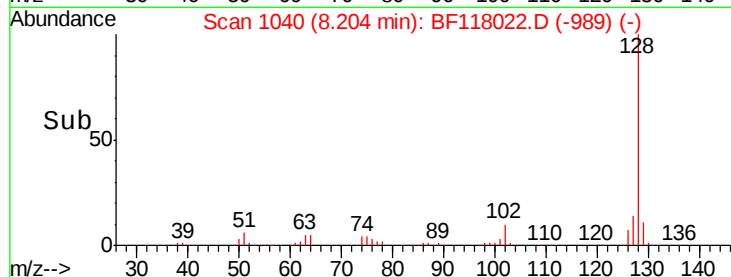
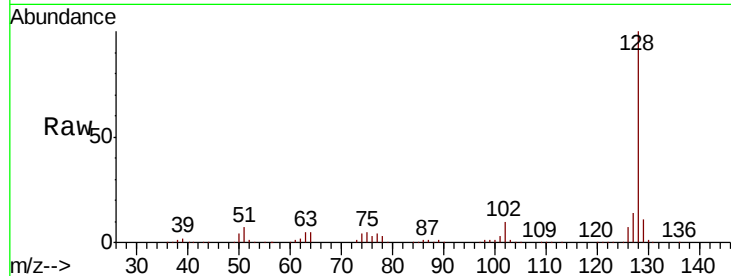




#31
Naphthalene
Concen: 44.469 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

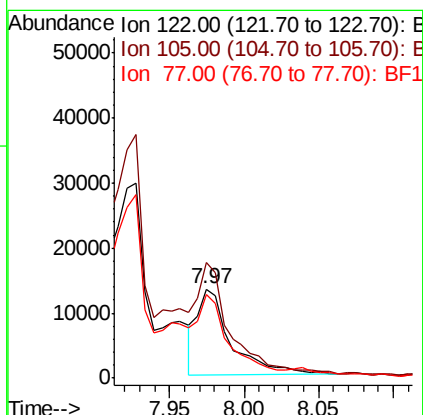
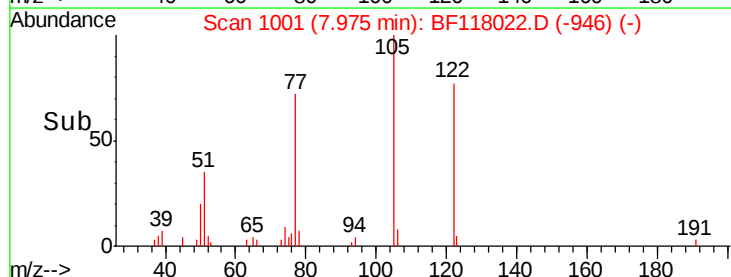
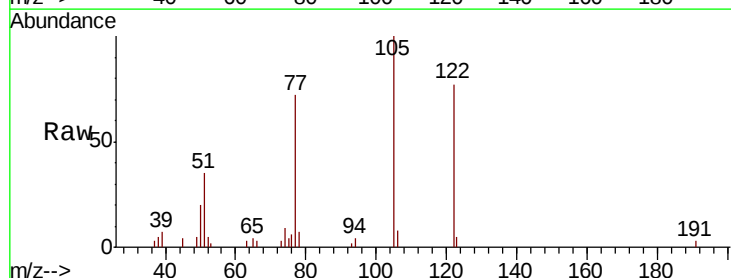
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 752641
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.8 11.3 16.9



#32
Benzoic acid
Concen: 5.051 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.02 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion:122 Resp: 20153
Ion Ratio Lower Upper
122 100
105 129.5 102.7 142.7
77 93.0 70.5 110.5

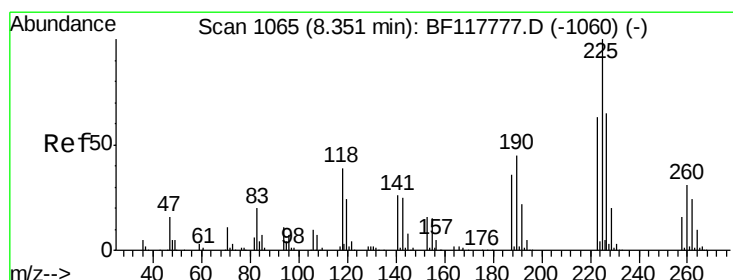
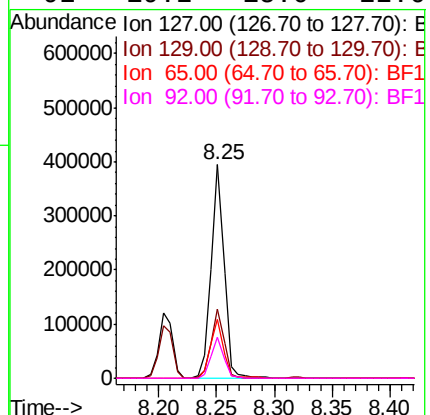
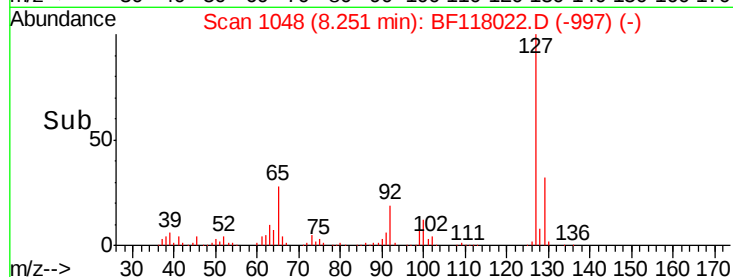
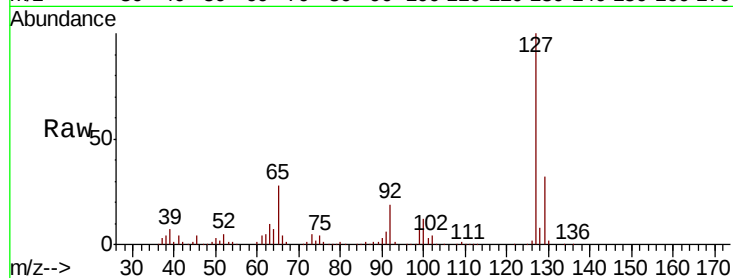




#33
4-Chloroaniline
Concen: 40.868 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

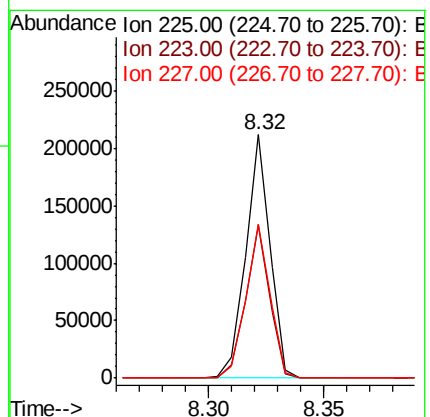
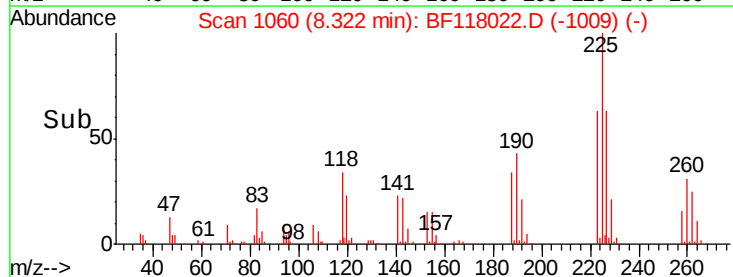
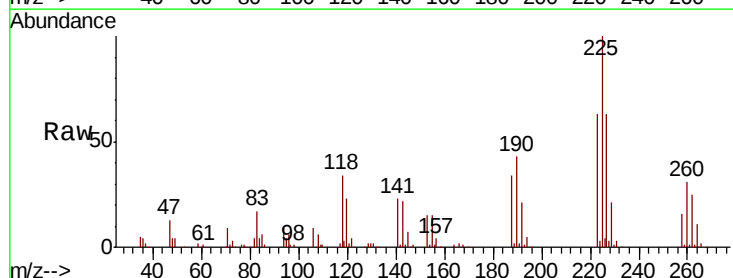
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	309657
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	27.8	22.9	34.3
92	19.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 44.267 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion:	225	Resp:	155173
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.0	75.0
227	63.2	51.8	77.6

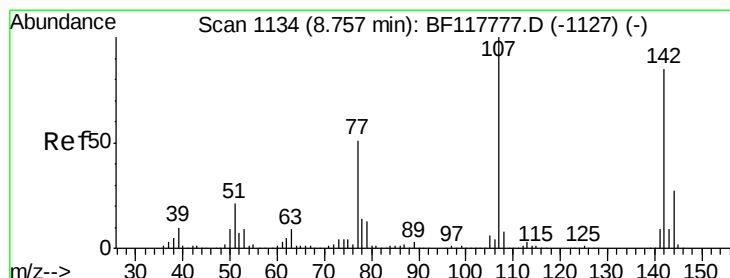
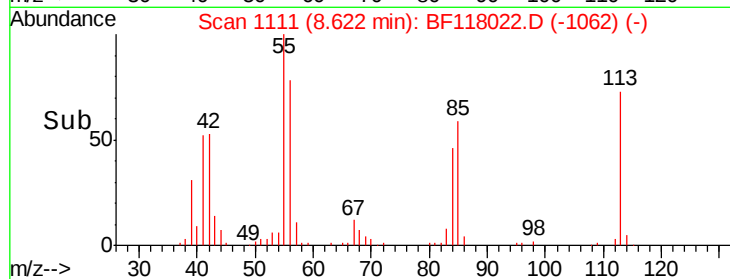
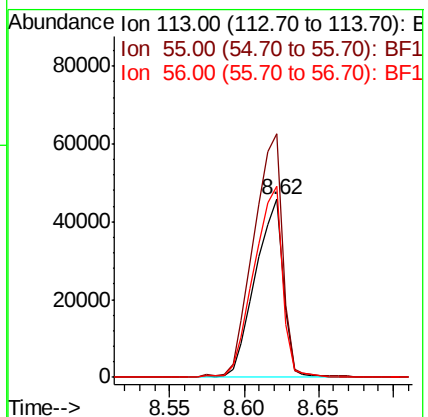
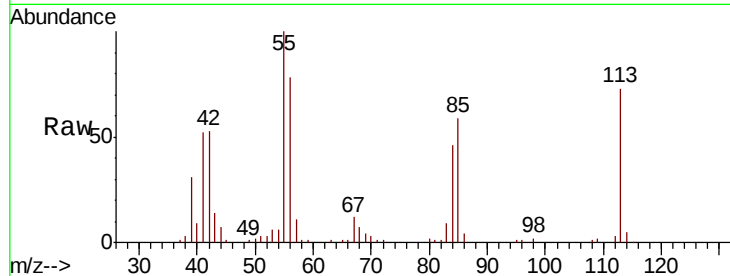




#35
Caprolactam
Concen: 36.003 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

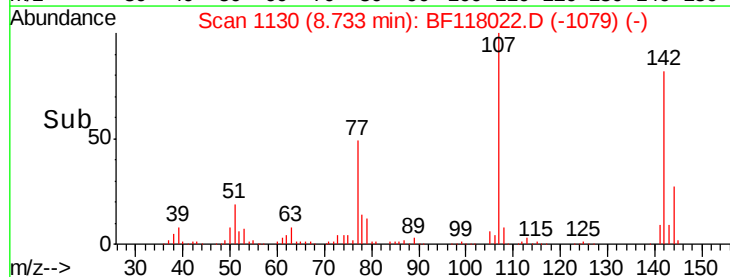
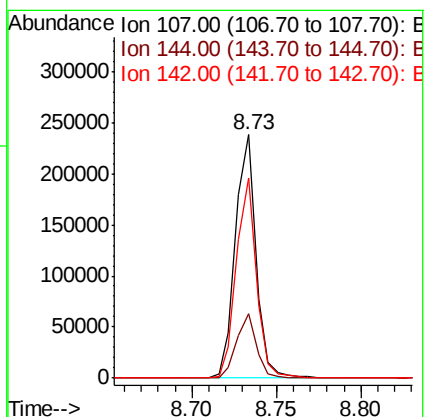
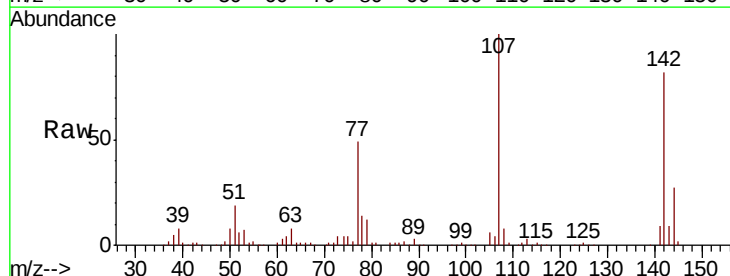
Instrument :
BNA_F
ClientSampleId :

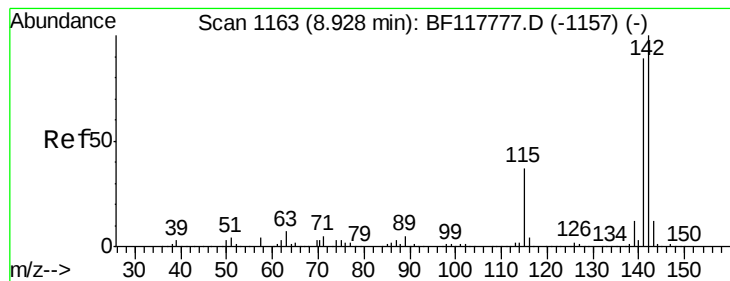
Tot Ion:113 Resp: 59143
Ion Ratio Lower Upper
113 100
55 136.7 141.1 181.1#
56 107.2 100.5 140.5



#36
4-Chloro-3-methylphenol
Concen: 38.437 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion:107 Resp: 201629
Ion Ratio Lower Upper
107 100
144 26.6 21.9 32.9
142 82.1 67.7 101.5





#37

2-Methylnaphthalene

Concen: 41.246 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

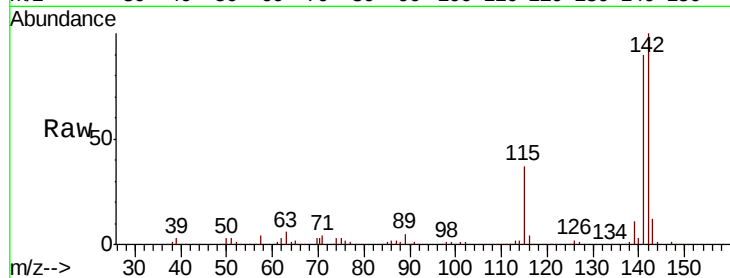
Tot Ion:142 Resp: 471685

Ion Ratio Lower Upper

142 100

141 89.6 71.1 106.7

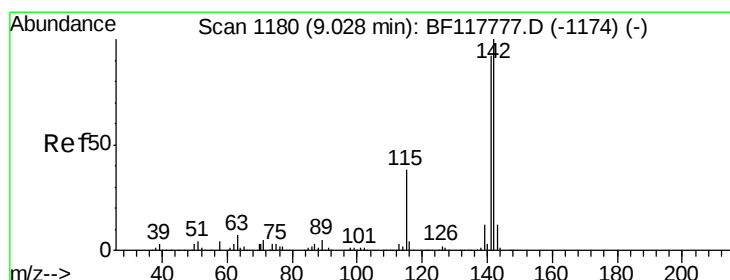
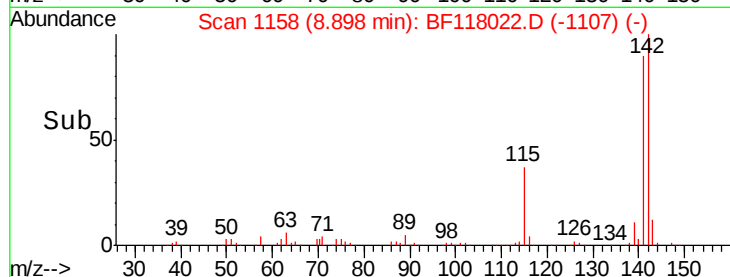
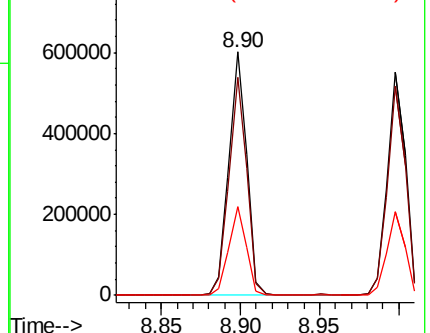
115 36.6 29.2 43.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.546 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

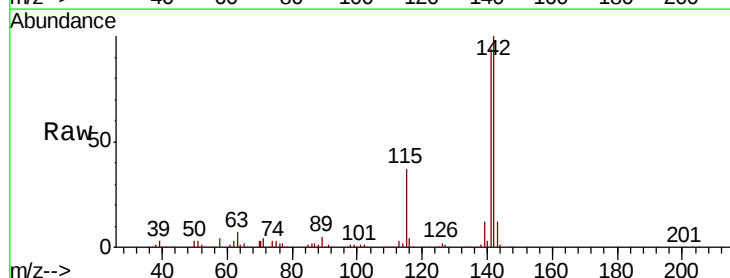
Tgt Ion:142 Resp: 438360

Ion Ratio Lower Upper

142 100

141 93.8 73.5 110.3

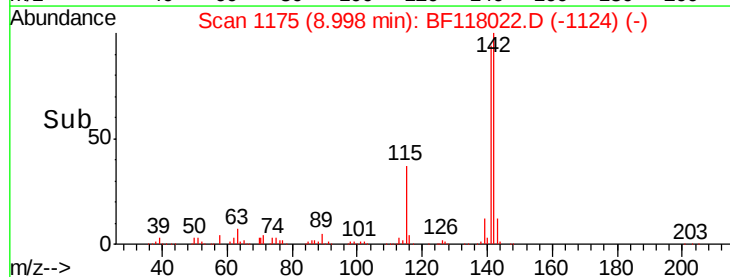
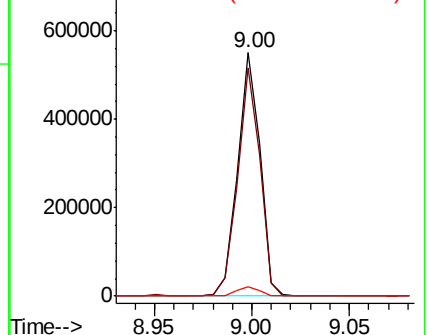
116 4.1 3.2 4.8

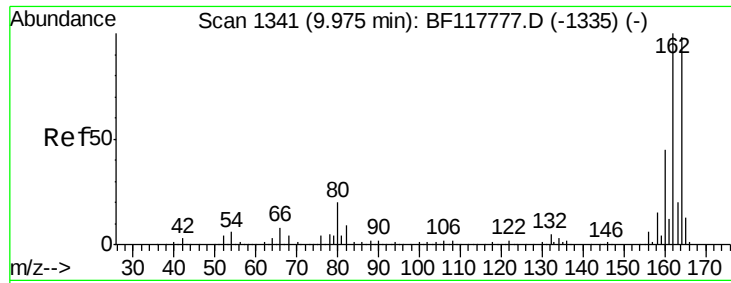


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

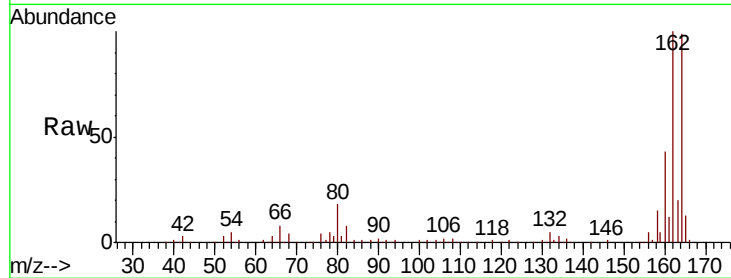




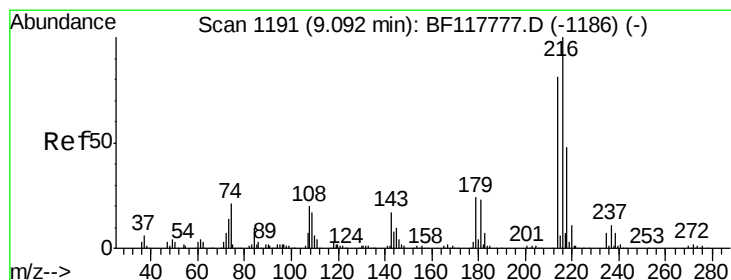
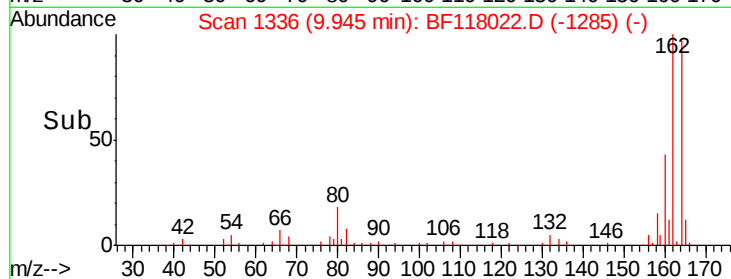
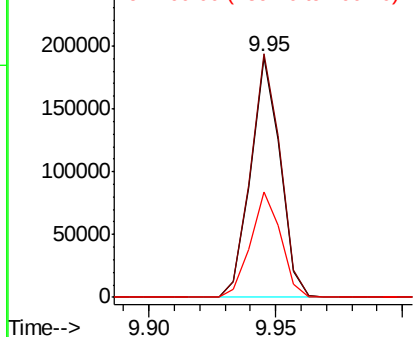
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 154871
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 43.8 36.6 55.0

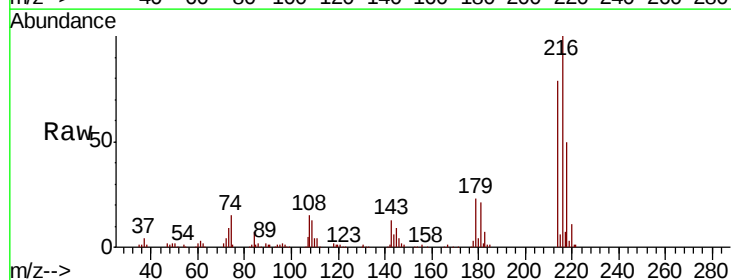


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

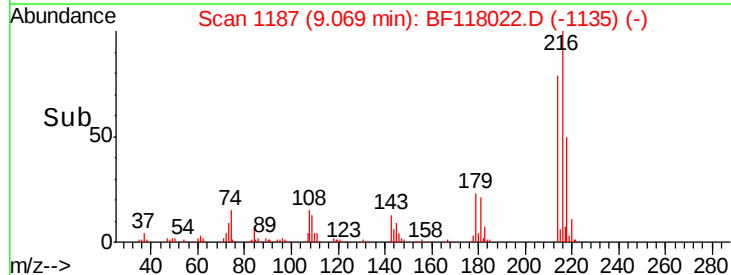
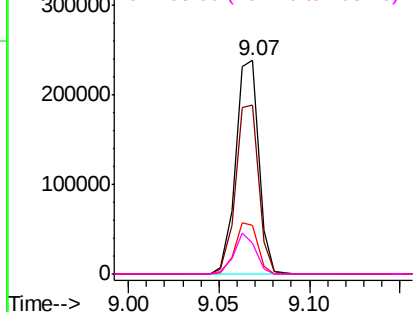


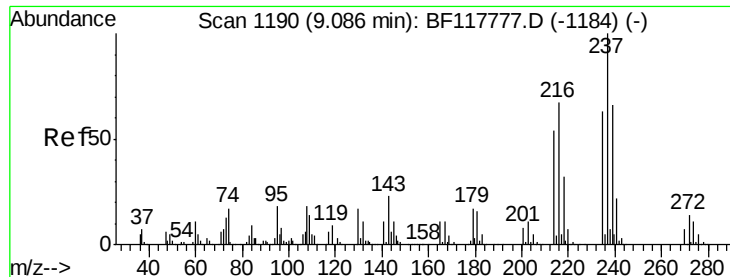
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.996 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion:216 Resp: 211370
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 23.5 18.2 27.4
108 17.7 16.0 24.0



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: 2.480 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampled :

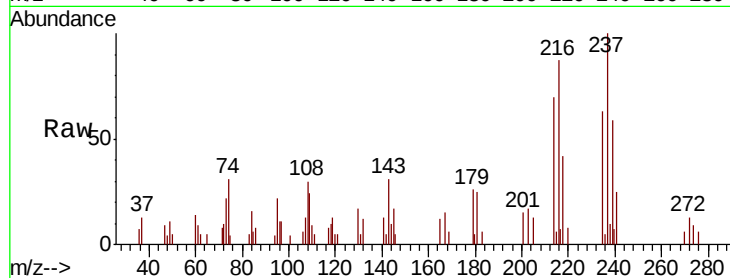
Tot Ion:237 Resp: 6251

Ion Ratio Lower Upper

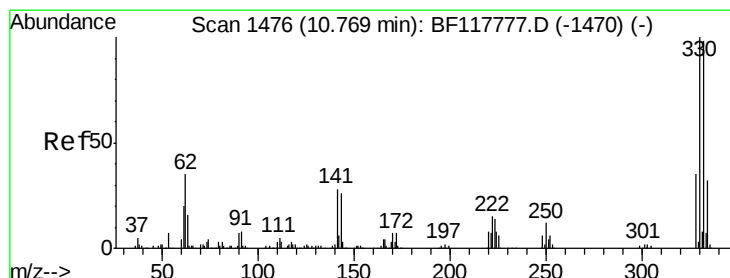
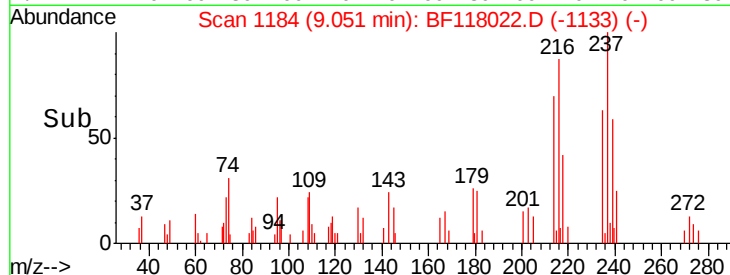
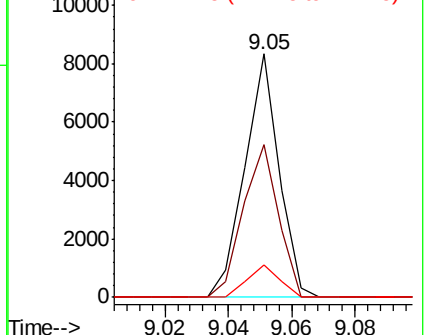
237 100

235 62.8 42.6 82.6

272 13.2 0.0 34.3



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: 77.197 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

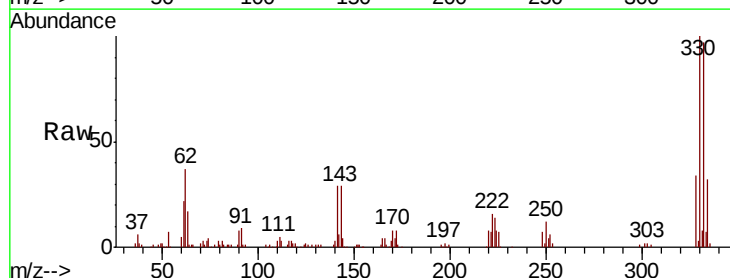
Tgt Ion:330 Resp: 126573

Ion Ratio Lower Upper

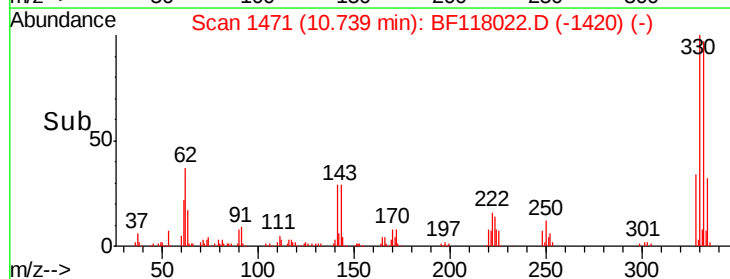
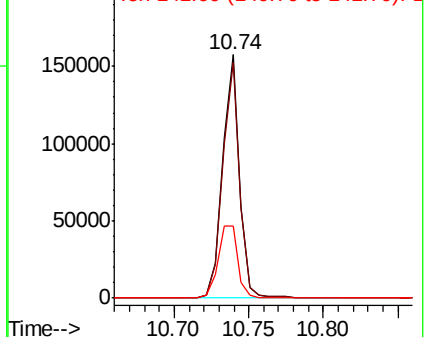
330 100

332 97.4 76.7 115.1

141 34.1 27.7 41.5



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

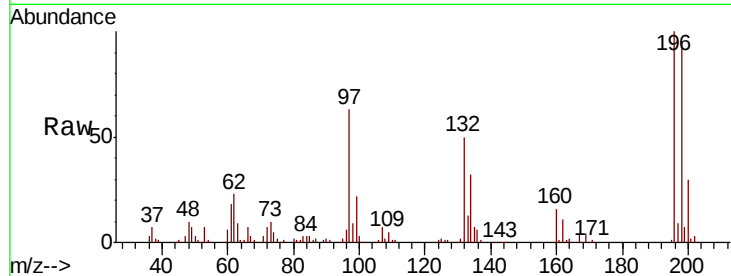




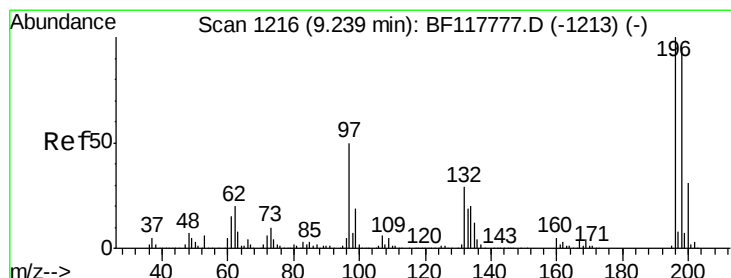
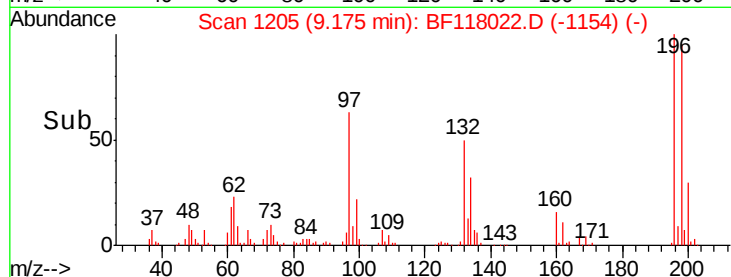
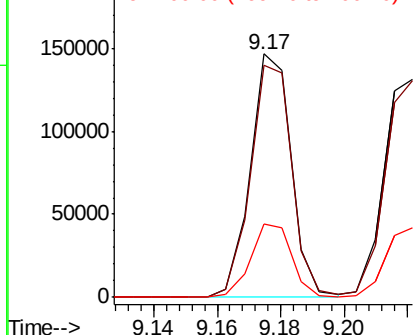
#43
 2,4,6-Trichlorophenol
 Concen: 40.723 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 131186
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.8 116.6
 200 30.1 25.4 38.0

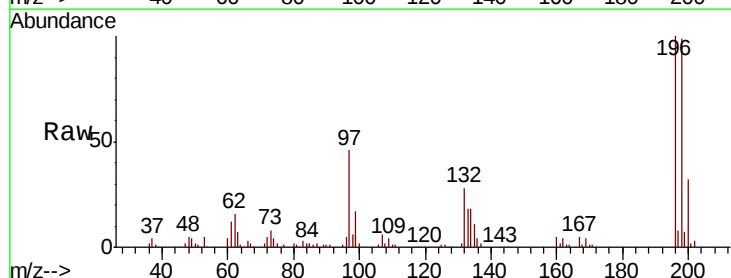


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

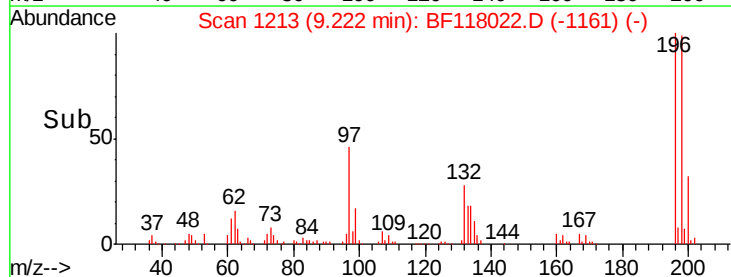
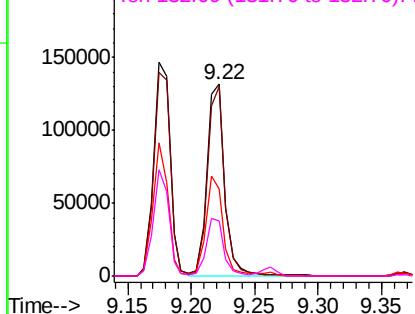


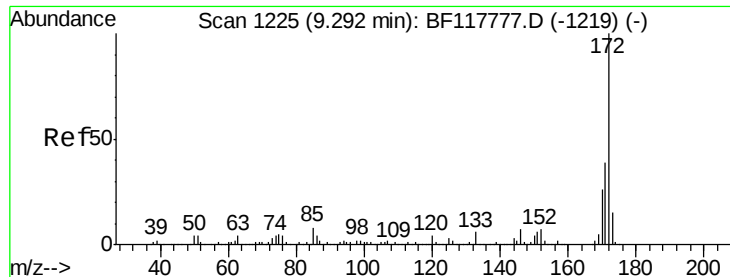
#44
 2,4,5-Trichlorophenol
 Concen: 38.970 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Tgt Ion:196 Resp: 130344
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.3 114.5
 97 45.5 40.0 60.0
 132 28.4 23.6 35.4



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

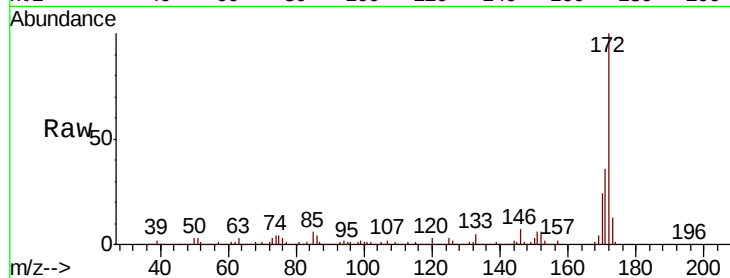




#45
2-Fluorobiphenyl
Concen: 111.225 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.9	46.3
170	24.1	21.0	31.4

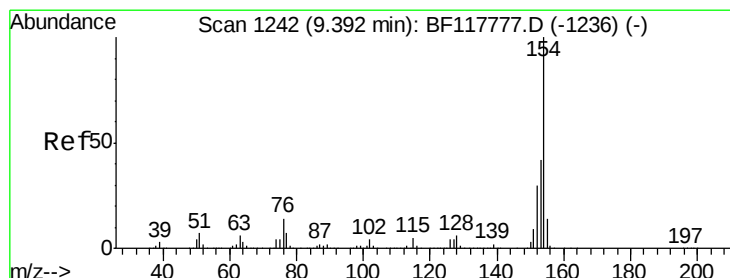
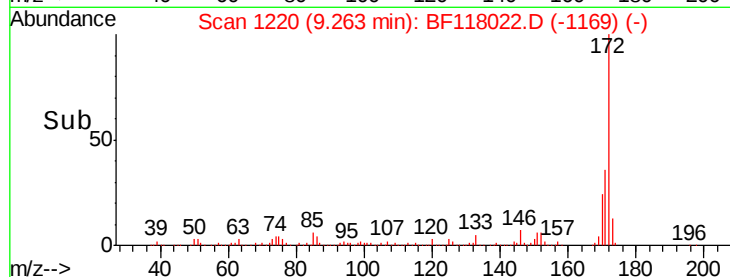
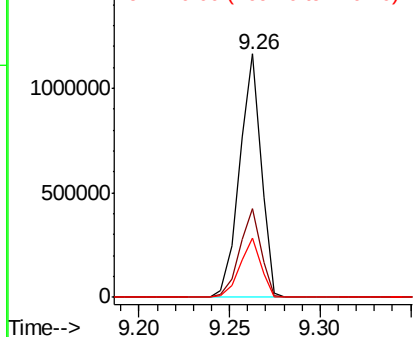


Abundance

Ion 172.00 (171.70 to 172.70): E

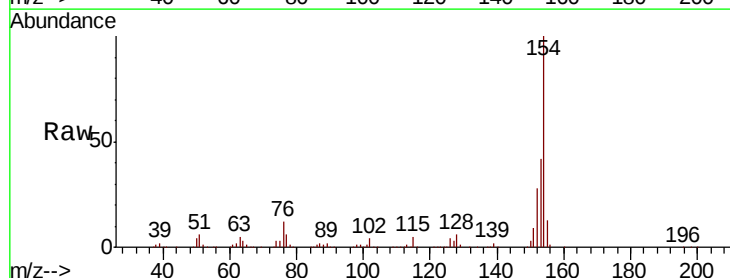
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 48.522 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.9	61.9
76	12.1	0.0	33.6

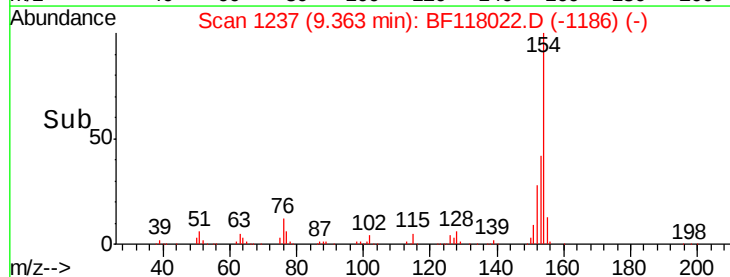
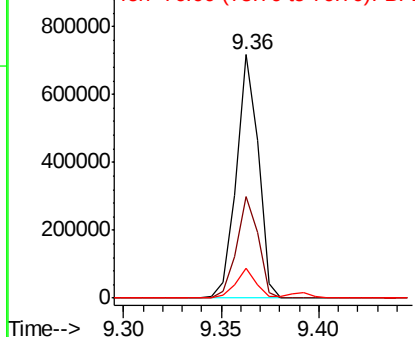


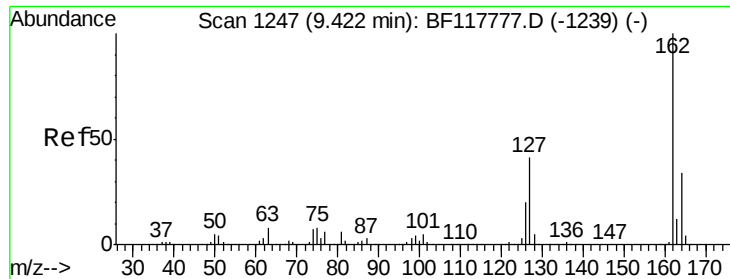
Abundance

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

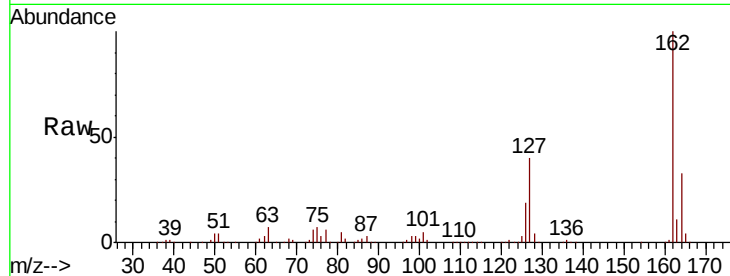




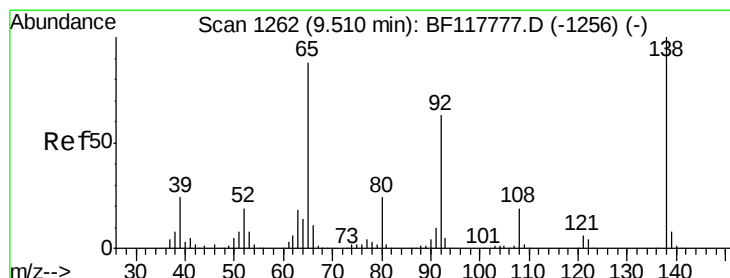
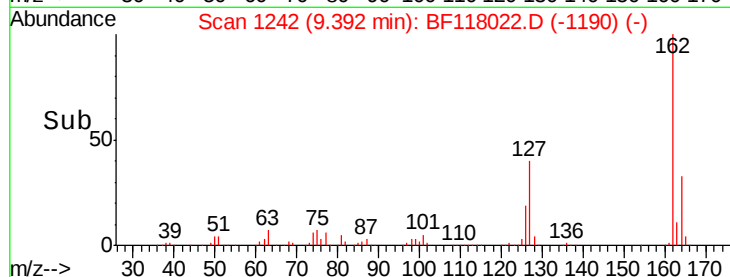
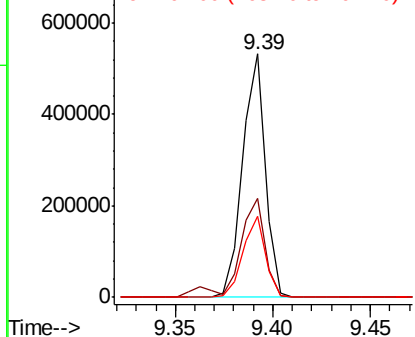
#47
 2-Chloronaphthalene
 Concen: 45.434 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.2	49.8
164	33.1	27.3	40.9

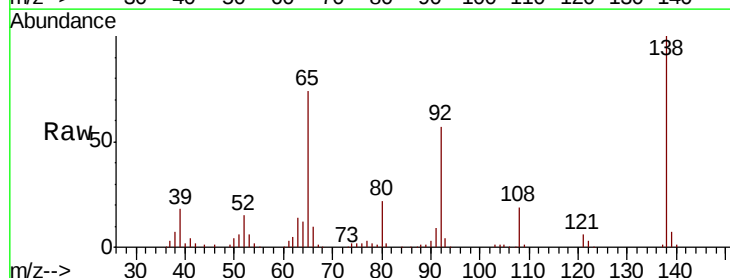


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

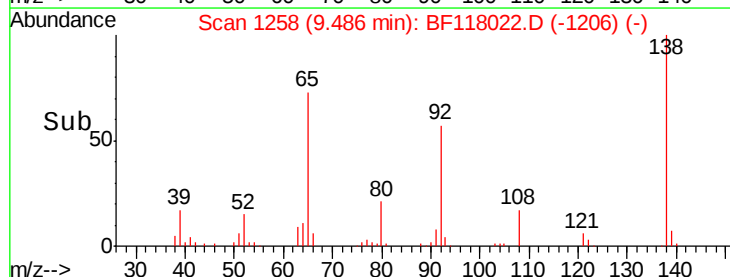
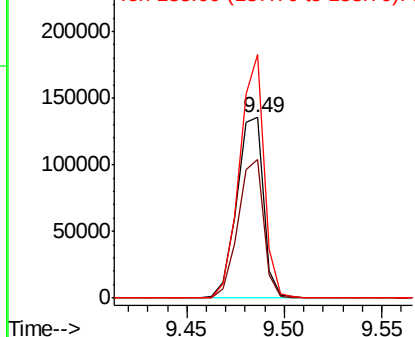


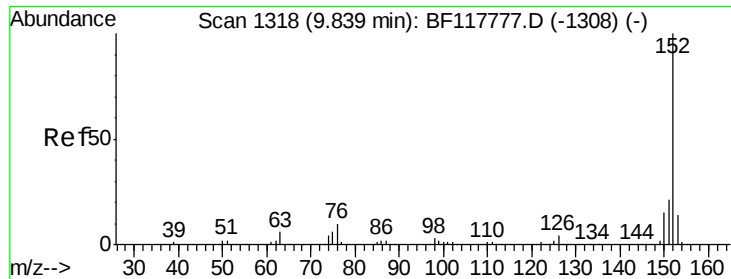
#48
 2-Nitroaniline
 Concen: 44.979 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.8	56.6	84.8
138	135.0	90.5	135.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.868 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

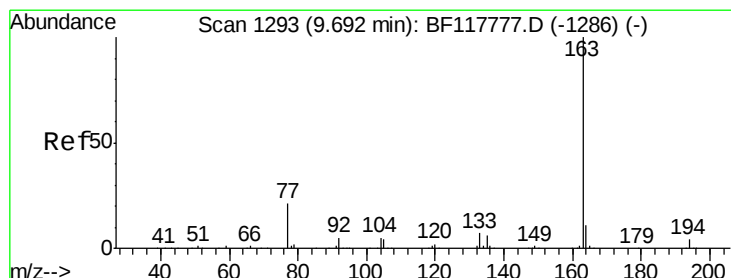
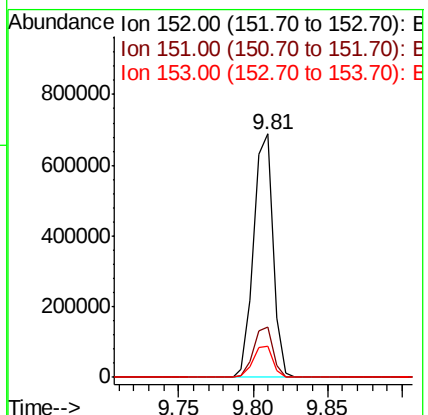
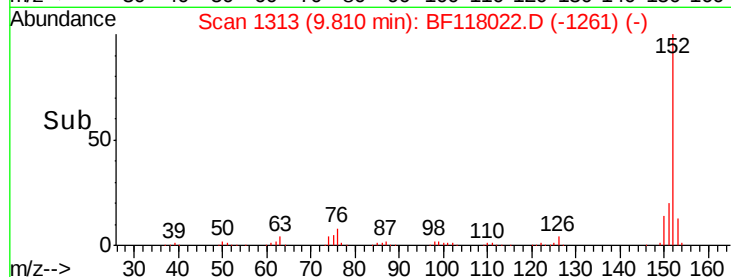
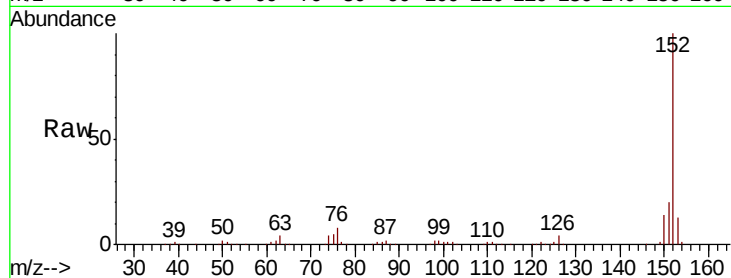
Tot Ion:152 Resp: 618328

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.6

153 12.6 11.0 16.6



#50

Dimethylphthalate

Concen: 47.572 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

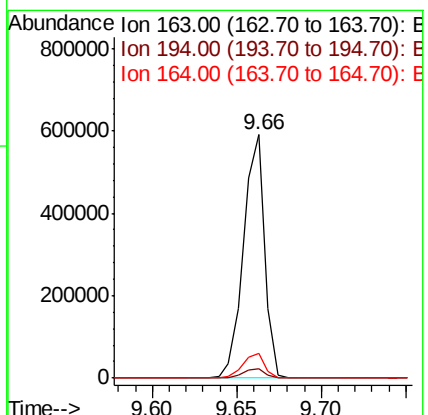
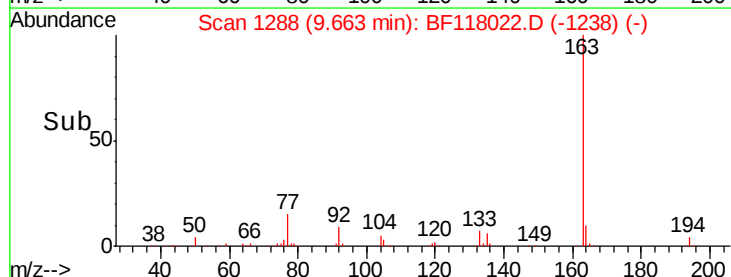
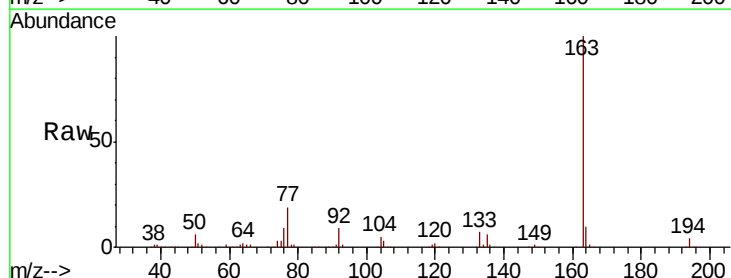
Tgt Ion:163 Resp: 516647

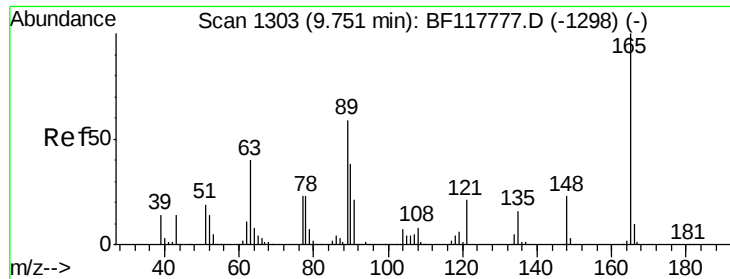
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.9 8.7 13.1

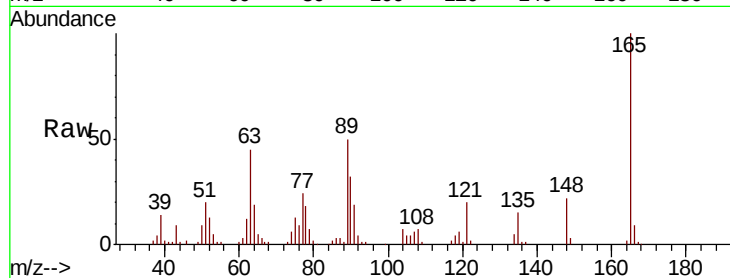




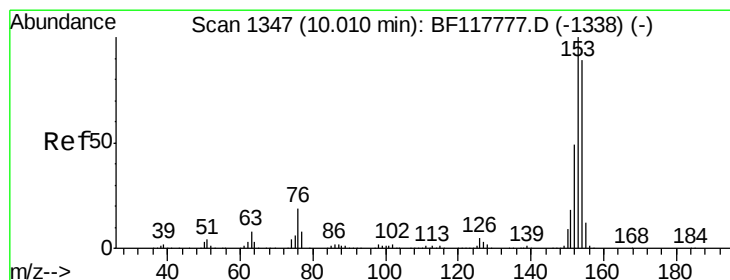
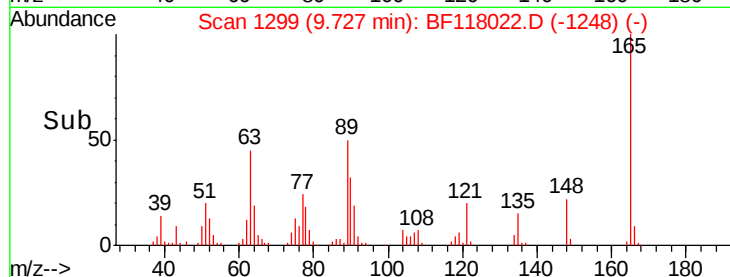
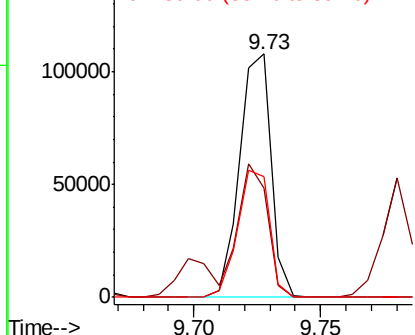
#51
2,6-Dinitrotoluene
Concen: 39.394 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.8	46.0	69.0#
89	49.7	47.7	71.5

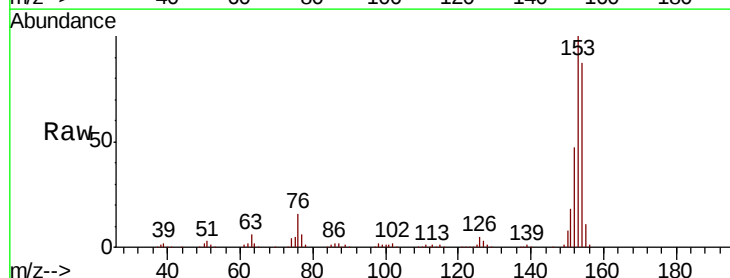


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

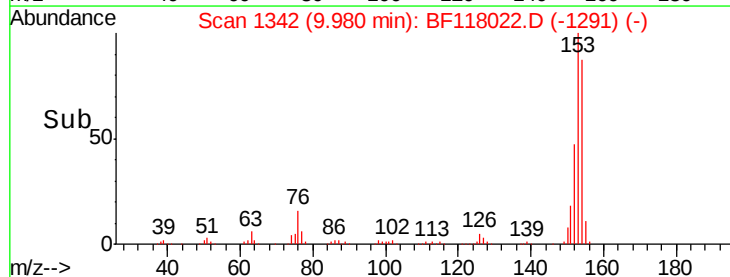
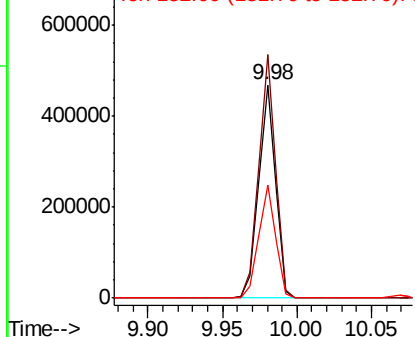


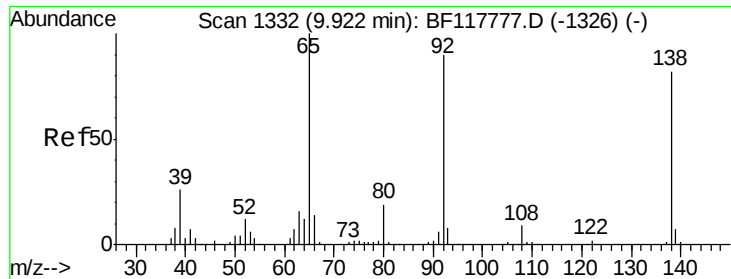
#52
Acenaphthene
Concen: 41.096 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.1	135.1
152	53.3	44.0	66.0



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

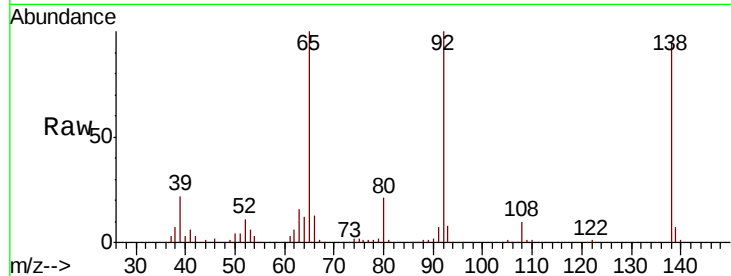




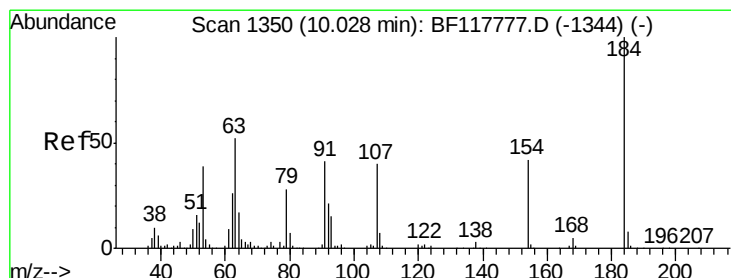
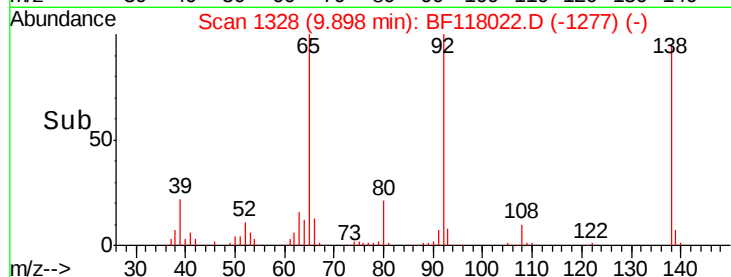
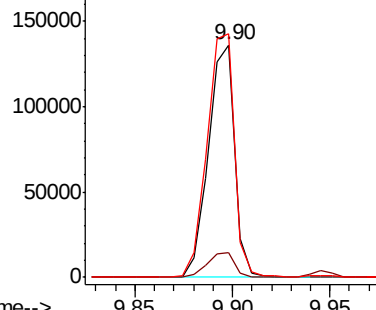
#53
 3-Nitroaniline
 Concen: 44.643 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 126792
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.6 12.8
 92 104.7 87.9 131.9

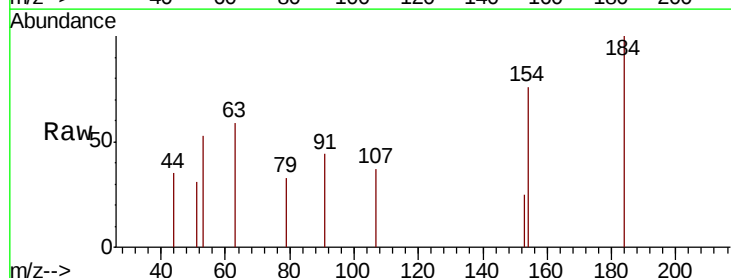


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

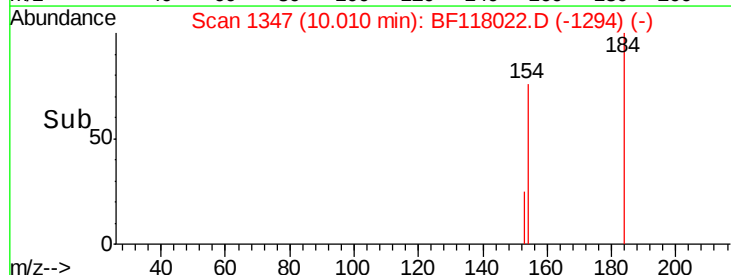
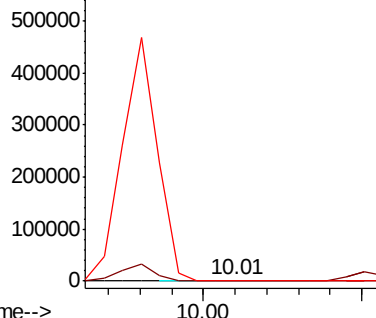


#54
 2,4-Dinitrophenol
 Concen: 8.176 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Tgt Ion:184 Resp: 1276
 Ion Ratio Lower Upper
 184 100
 63 58.8 43.0 64.6
 154 76.2 48.0 72.0#



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: 43.696 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

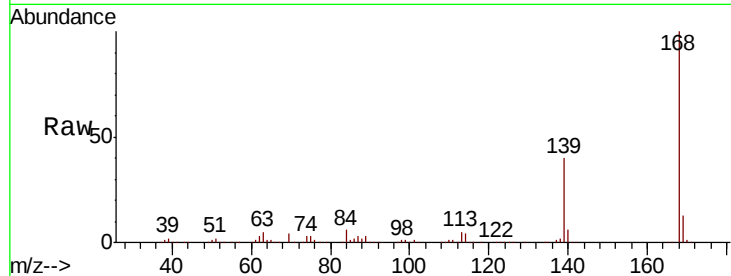
Tot Ion:168 Resp: 534167

Ion Ratio Lower Upper

168 100

139 40.0 33.0 49.6

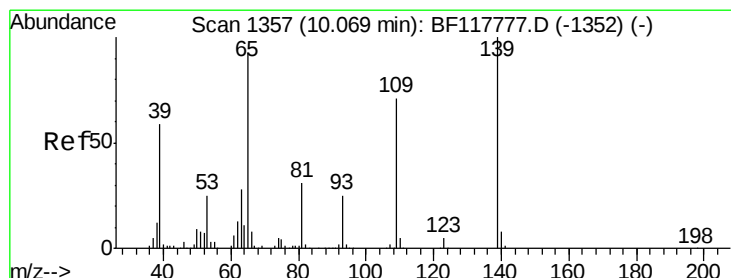
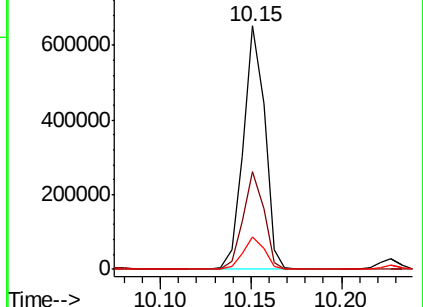
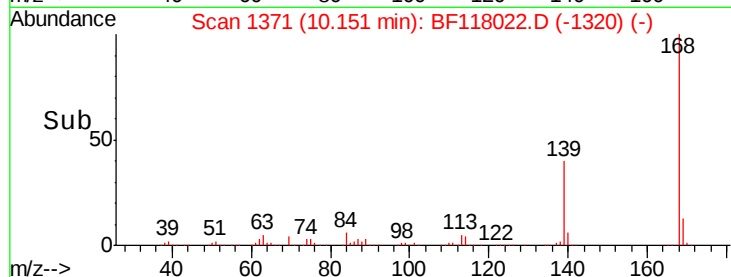
169 13.5 11.5 17.3



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: 31.374 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

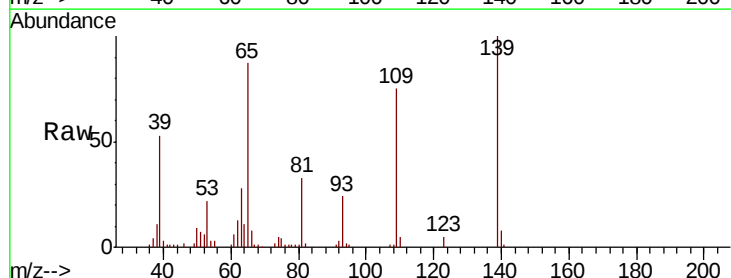
Tgt Ion:139 Resp: 66512

Ion Ratio Lower Upper

139 100

109 74.6 50.8 90.8

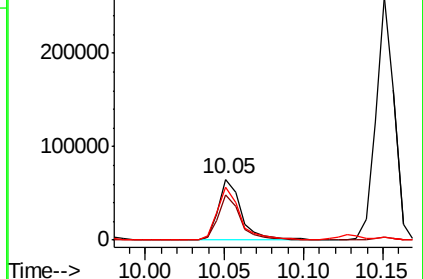
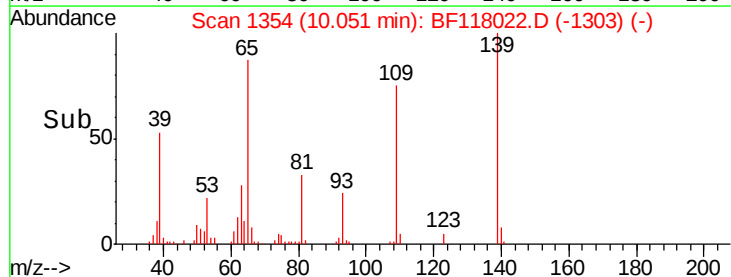
65 87.1 73.6 113.6



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: 35.730 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 107880

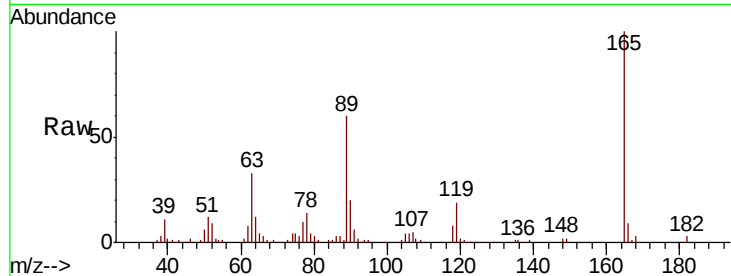
Ion Ratio Lower Upper

165 100

63 33.1 33.7 50.5#

89 60.2 57.3 85.9

182 2.8 2.3 3.5

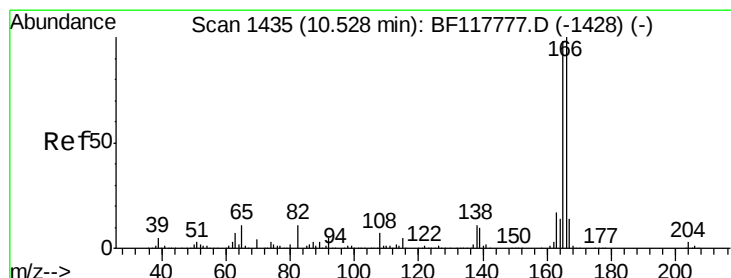
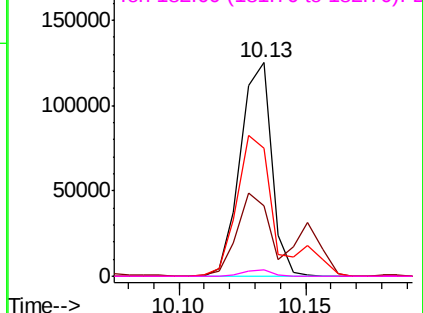
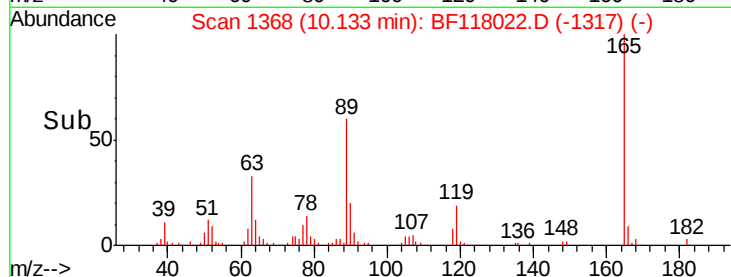


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.104 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

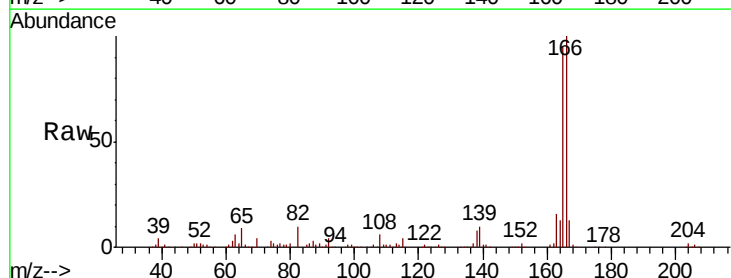
Tgt Ion:166 Resp: 398856

Ion Ratio Lower Upper

166 100

165 95.4 78.4 117.6

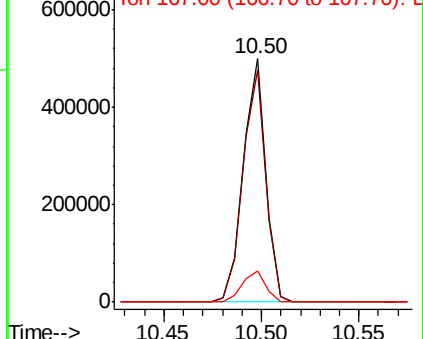
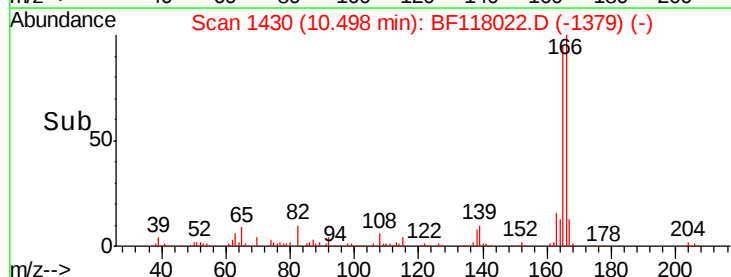
167 13.0 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

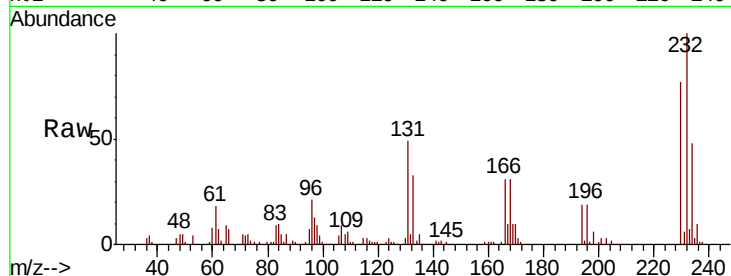




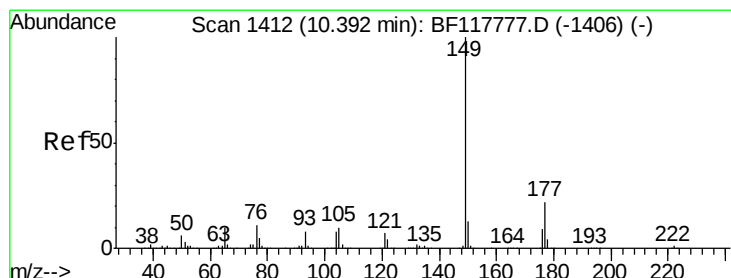
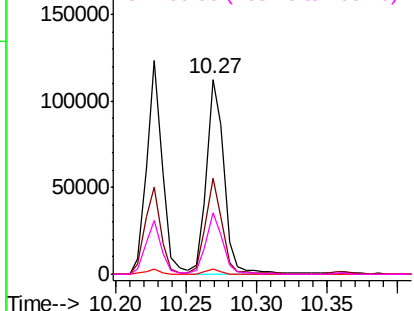
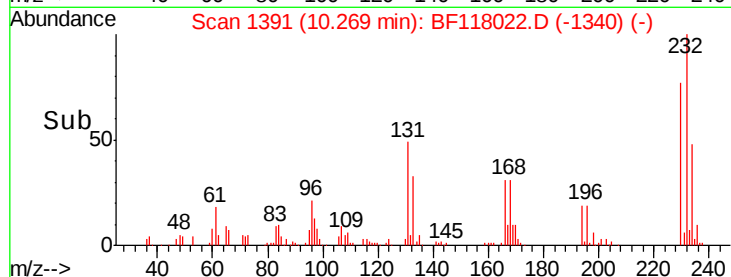
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.900 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 98661
 Ion Ratio Lower Upper
 232 100
 131 46.9 37.6 56.4
 130 2.1 1.9 2.9
 166 30.0 24.2 36.4

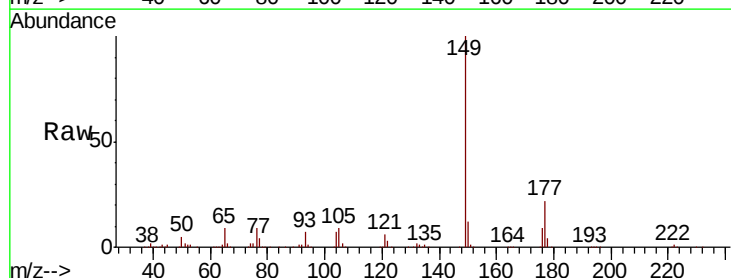


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

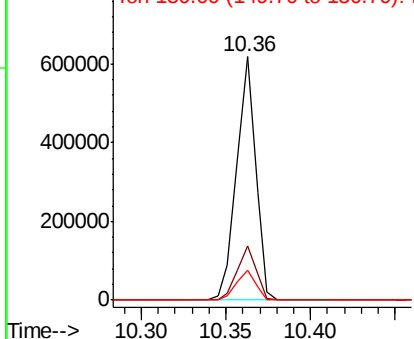
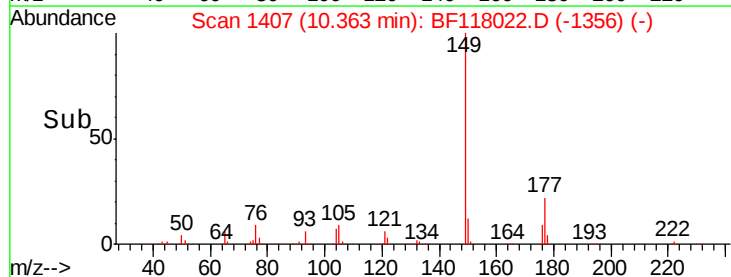


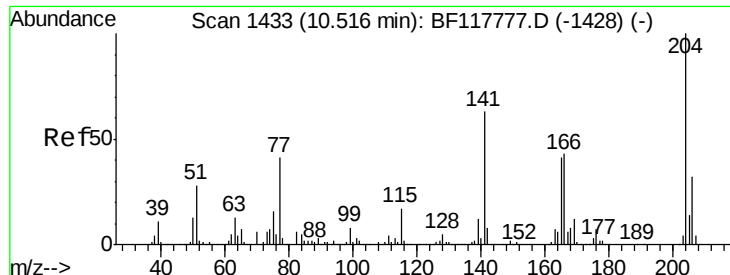
#60
 Diethylphthalate
 Concen: 45.943 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Tgt Ion:149 Resp: 486443
 Ion Ratio Lower Upper
 149 100
 177 22.1 18.0 27.0
 150 12.4 10.5 15.7



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

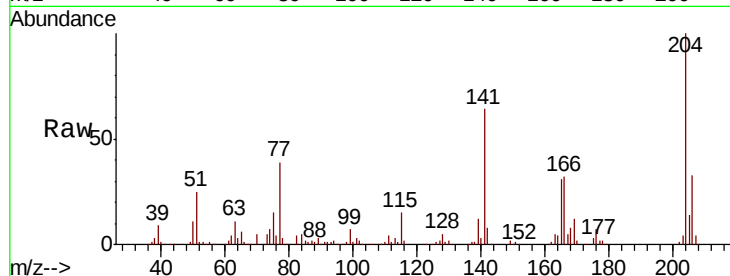




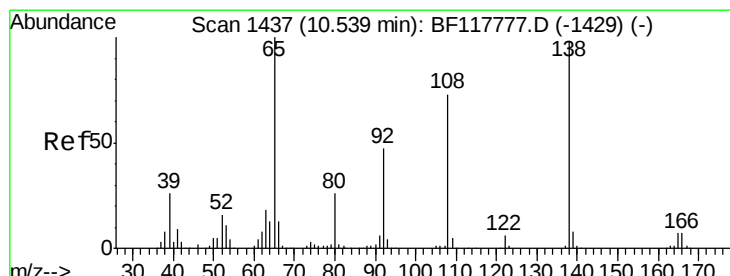
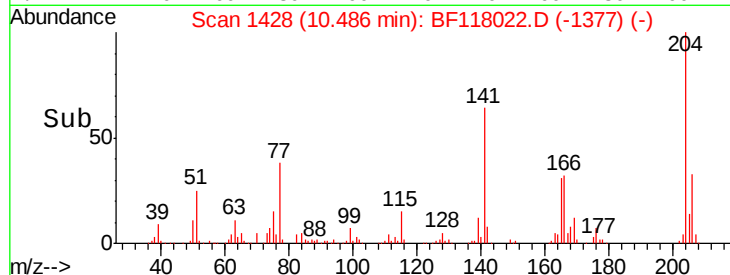
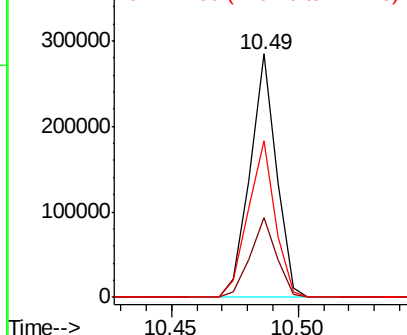
#61
 4-Chlorophenyl-phenylether
 Concen: 43.215 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 207756
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.6 38.4
 141 64.1 50.7 76.1

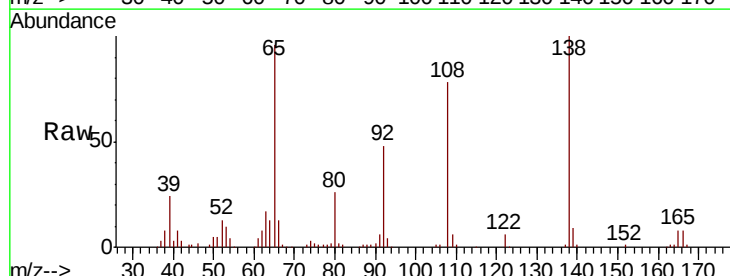


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

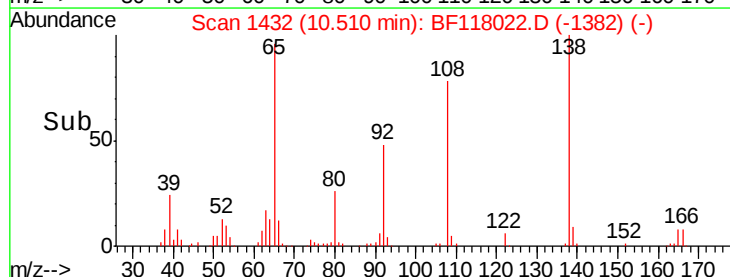
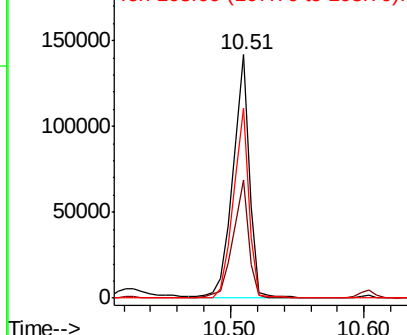


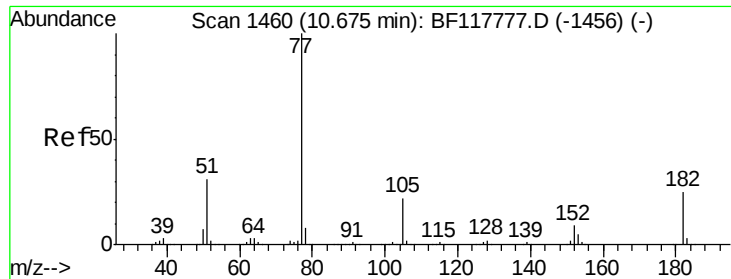
#62
 4-Nitroaniline
 Concen: 44.201 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Tgt Ion:138 Resp: 125693
 Ion Ratio Lower Upper
 138 100
 92 48.4 28.3 68.3
 108 78.1 54.3 94.3



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: 39.540 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 380878

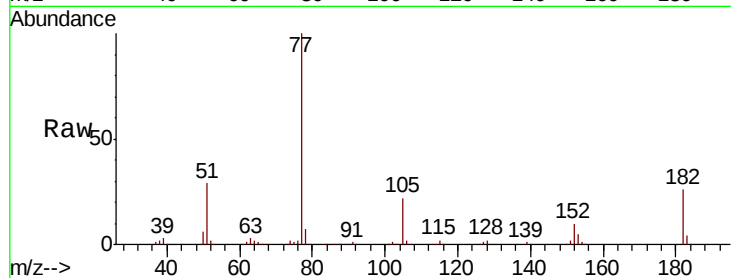
Ion Ratio Lower Upper

77 100

182 25.8 4.8 44.8

105 22.1 2.1 42.1

51 29.0 11.4 51.4

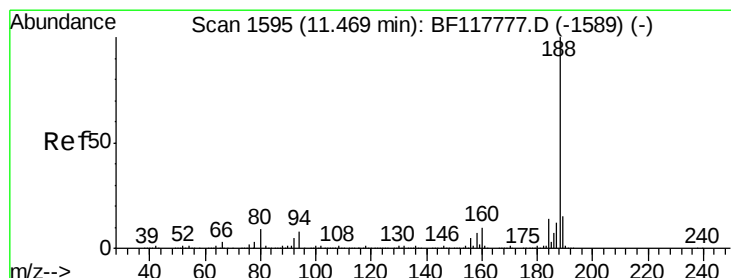
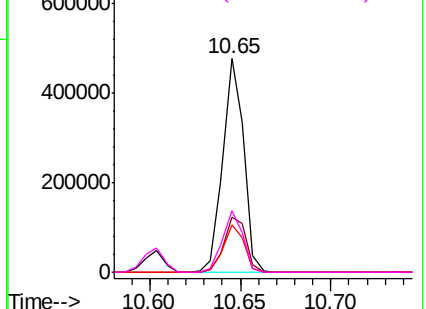
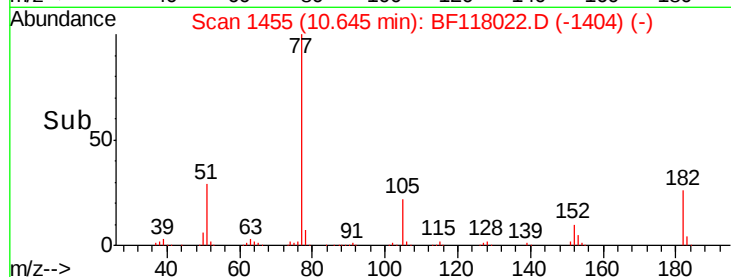


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

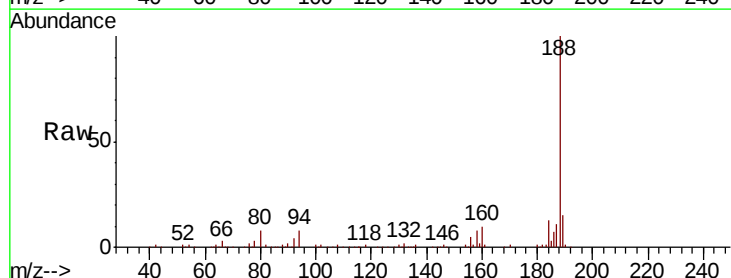
Tgt Ion: 188 Resp: 251304

Ion Ratio Lower Upper

188 100

94 7.7 6.6 10.0

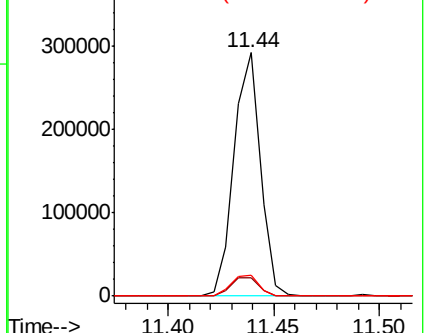
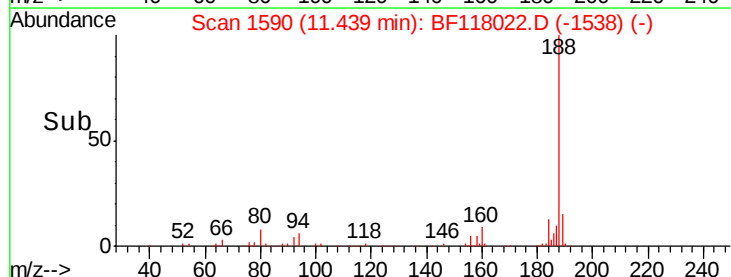
80 8.3 7.2 10.8

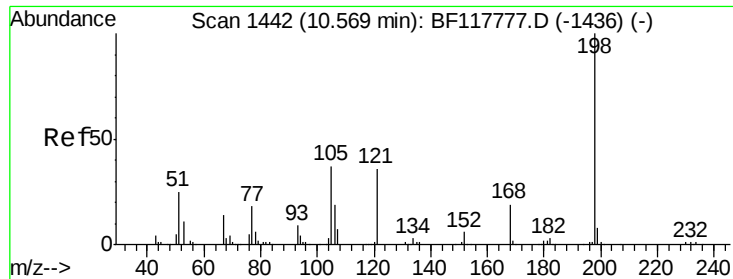


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 2.734 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampled :

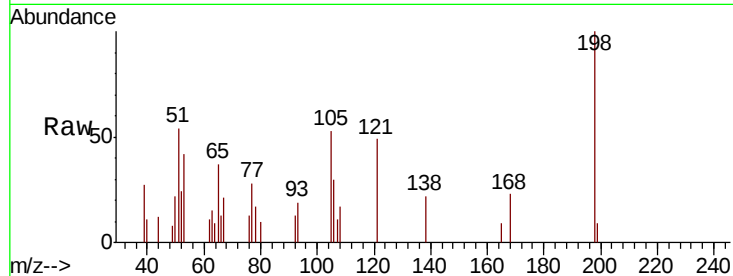
Tot Ion:198 Resp: 3207

Ion Ratio Lower Upper

198 100

51 54.1 16.0 56.0

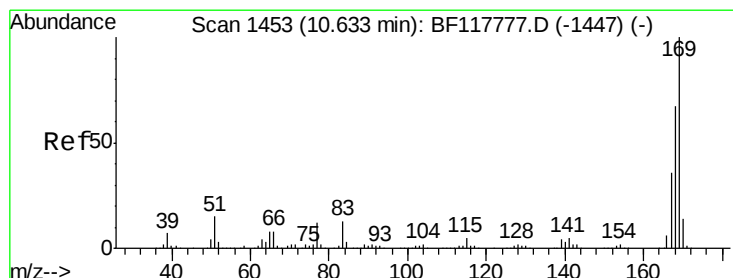
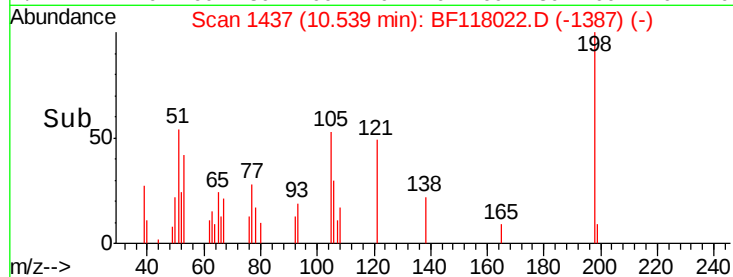
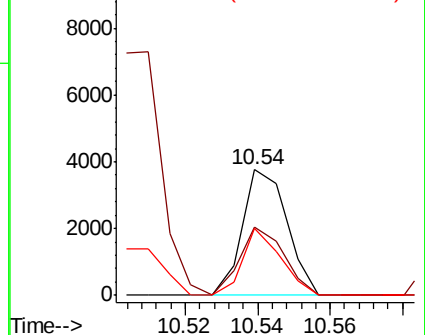
105 53.1 19.1 59.1



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: 47.780 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

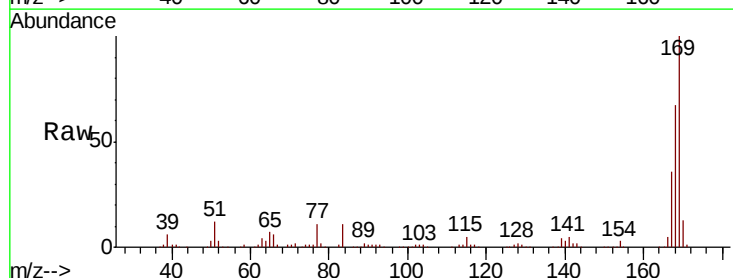
Tgt Ion:169 Resp: 349451

Ion Ratio Lower Upper

169 100

168 67.3 53.5 80.3

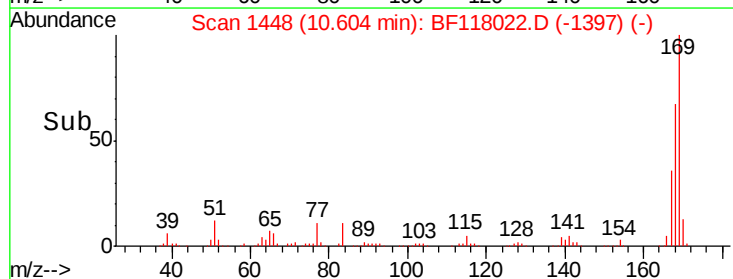
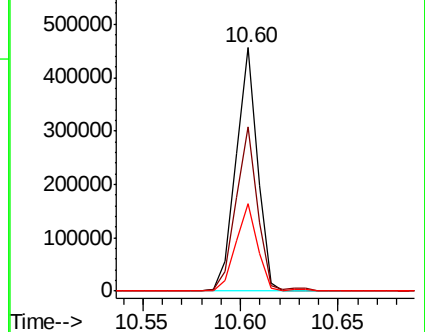
167 35.7 29.0 43.4



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

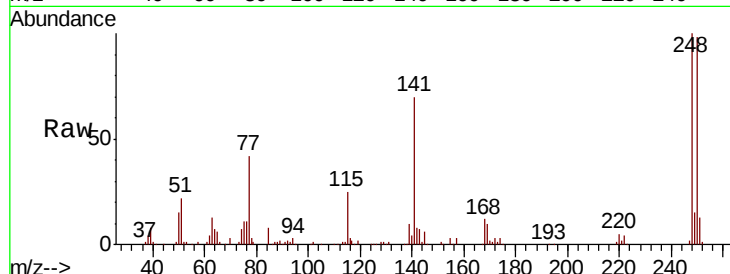




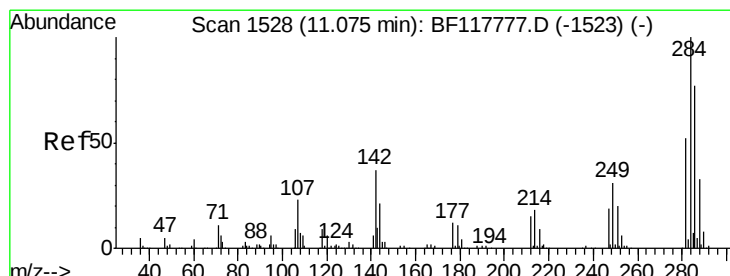
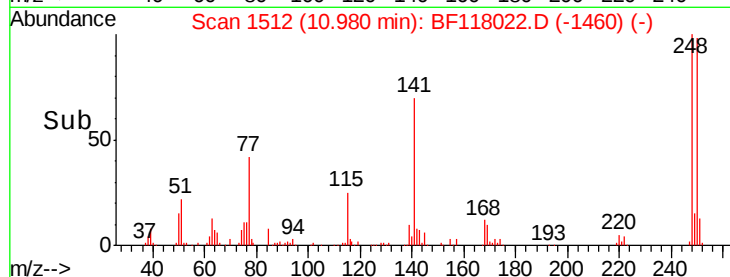
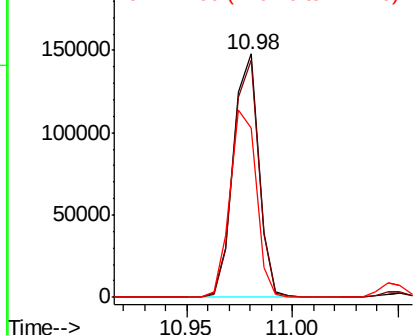
#67
4-Bromophenyl-phenylether
Concen: 45.541 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.6	115.0
141	69.6	55.9	83.9

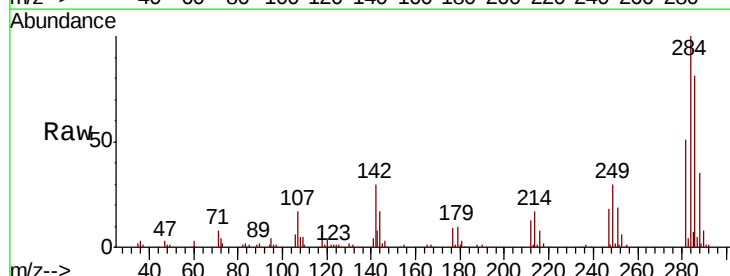


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

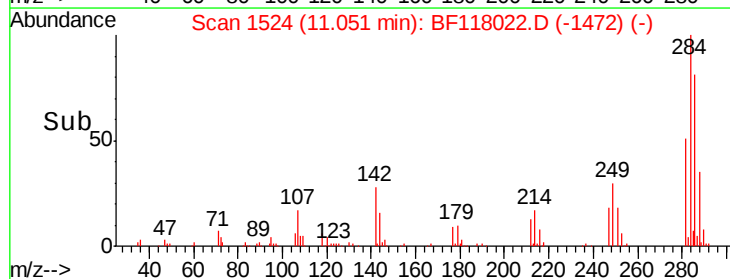
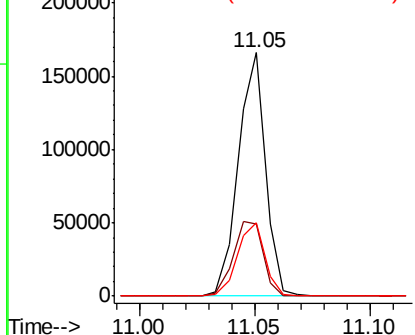


#68
Hexachlorobenzene
Concen: 43.173 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	29.4	44.2
249	30.4	24.6	37.0



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

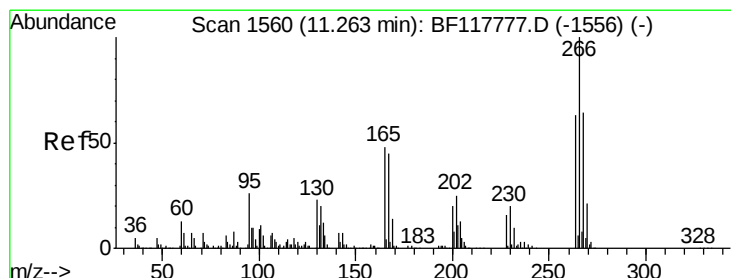
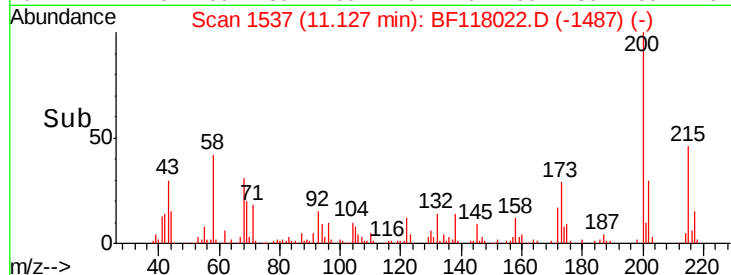
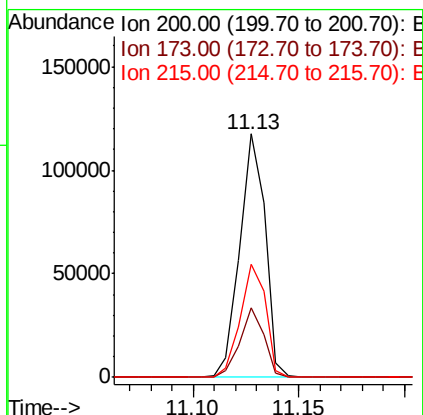
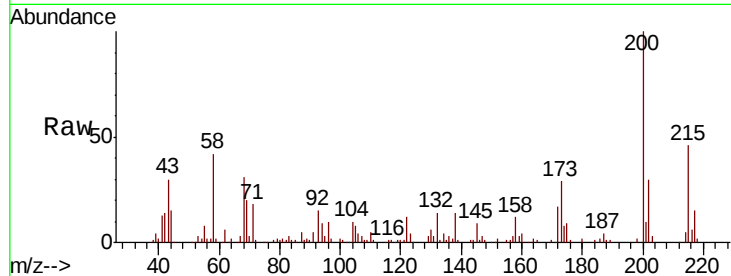




#69
 Atrazine
 Concen: 40.534 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

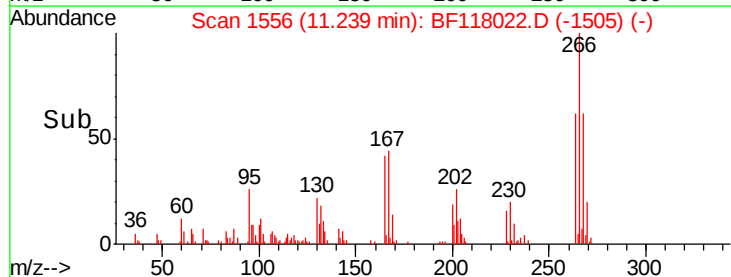
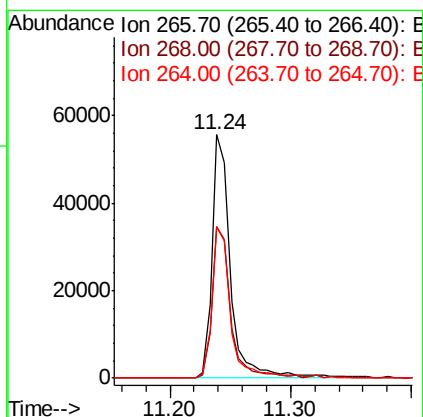
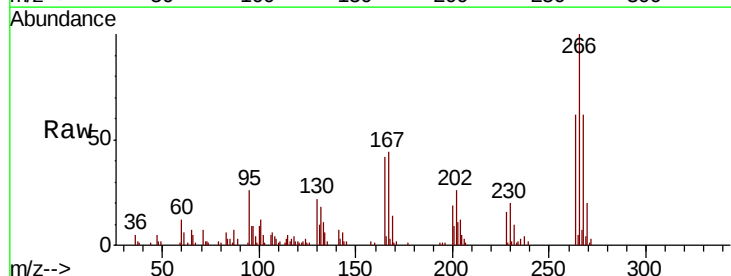
Instrument :
 BNA_F
 ClientSampleId :

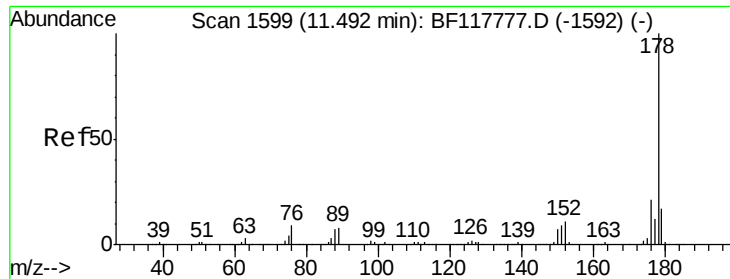
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	6.7	46.7
215	46.3	27.5	67.5



#70
 Pentachlorophenol
 Concen: 31.567 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	50.8	76.2
264	62.4	50.7	76.1

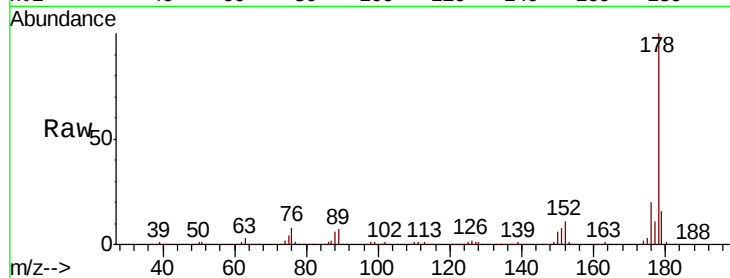




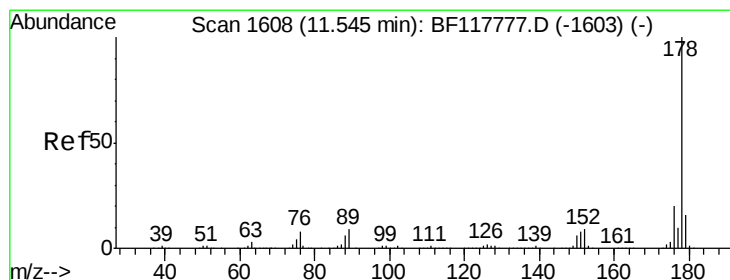
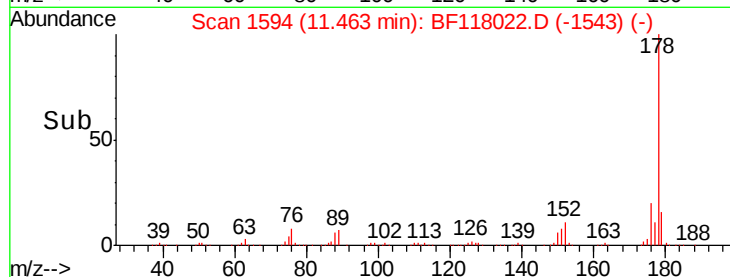
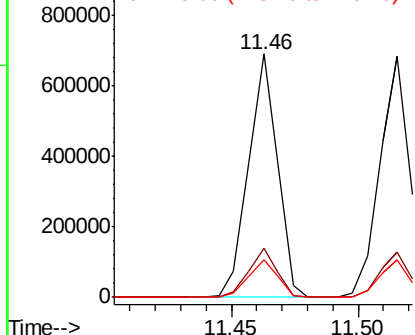
#71
Phenanthrene
Concen: 43.654 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 551555
Ion Ratio Lower Upper
178 100
176 20.1 16.6 25.0
179 15.6 13.2 19.8

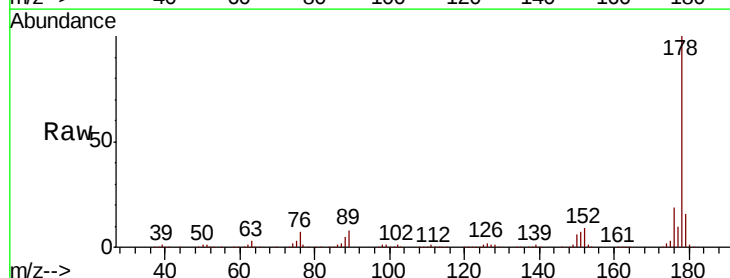


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

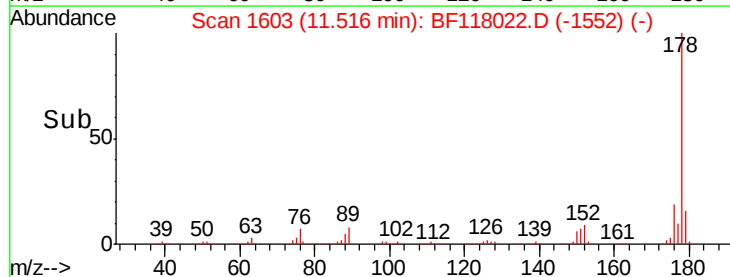
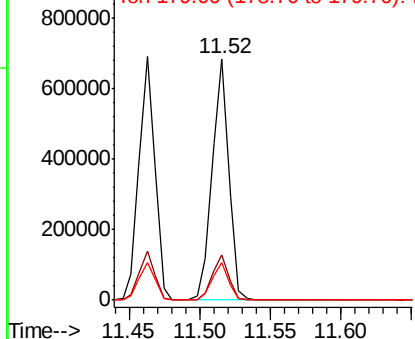


#72
Anthracene
Concen: 44.710 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion:178 Resp: 560083
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 15.5 13.0 19.4



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

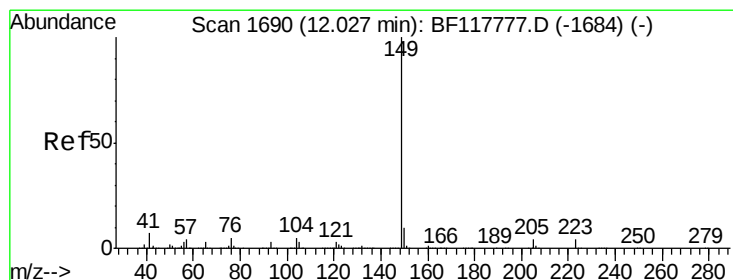
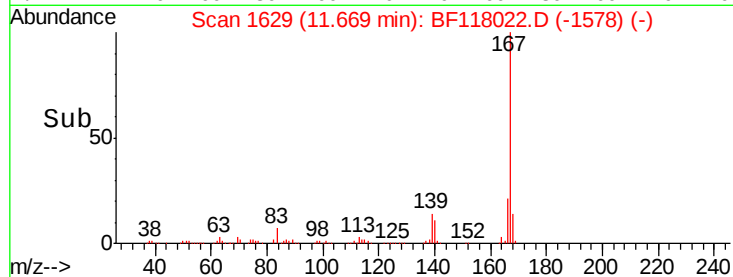
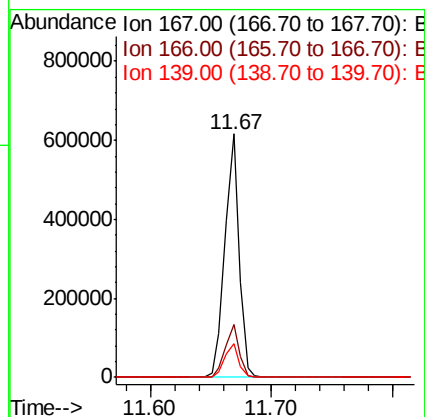
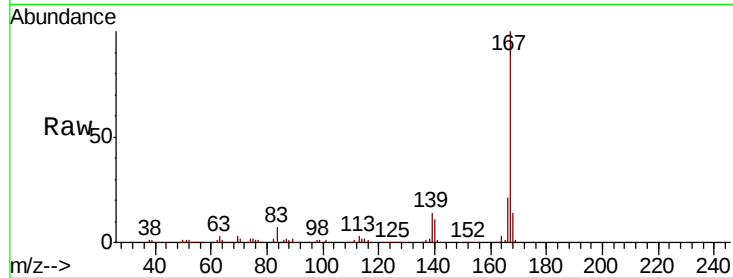




#73
 Carbazole
 Concen: 45.616 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

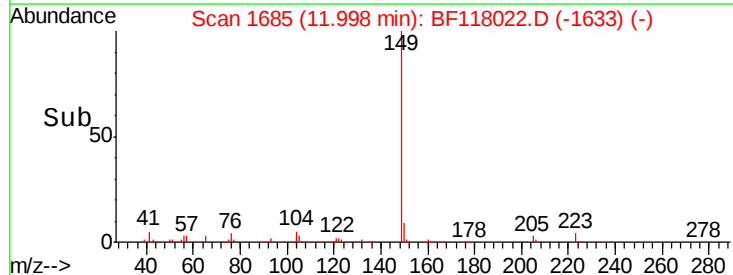
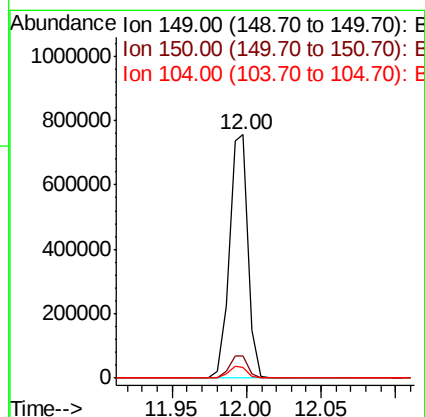
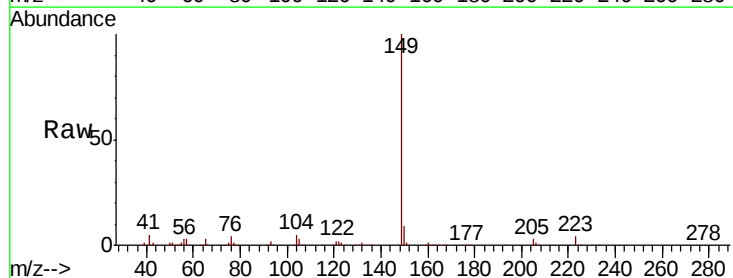
Instrument :
 BNA_F
 ClientSampleId :

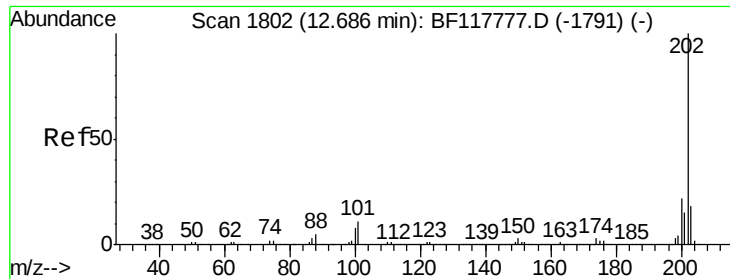
Tot Ion:167 Resp: 499350
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.0 27.0
 139 13.9 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 49.126 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. 0.01 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Tgt Ion:149 Resp: 669569
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.9 11.9
 104 4.6 4.2 6.4

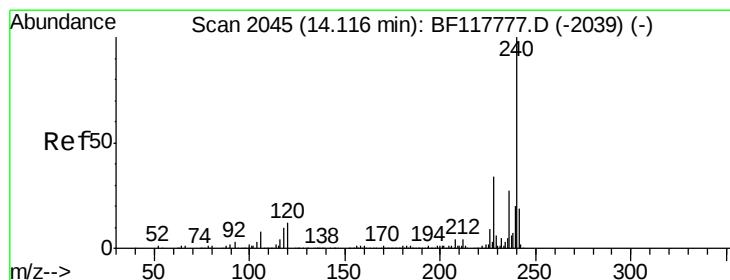
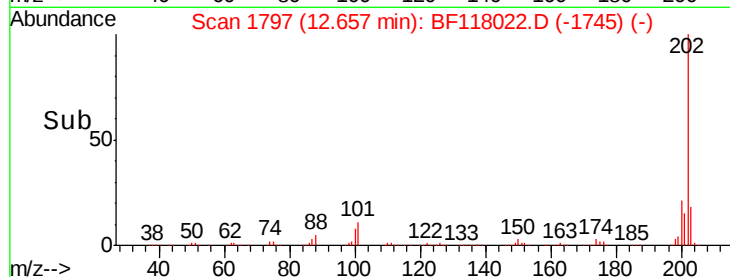
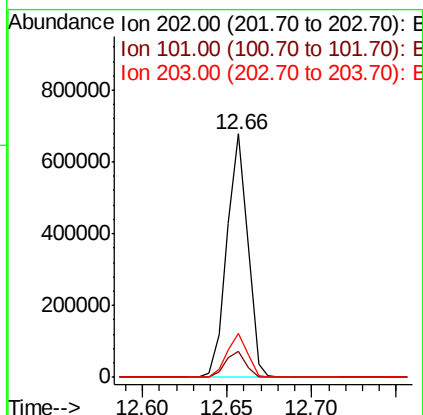
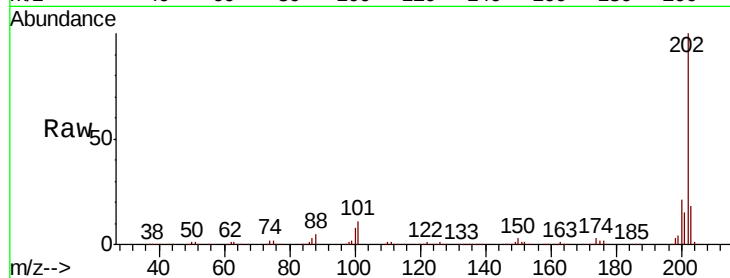




#75
 Fluoranthene
 Concen: 51.227 ng
 RT: 12.66 min Scan# 1797
 Delta R.T. 0.01 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

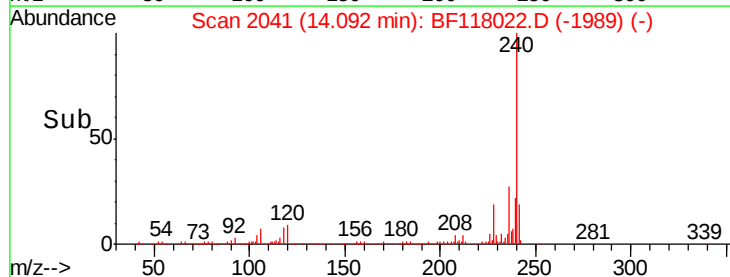
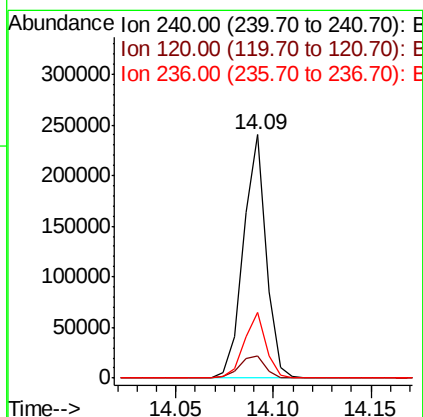
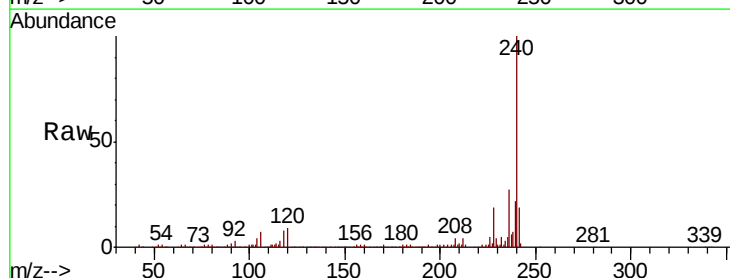
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.1
203	17.8	0.0	38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.7	21.3	31.9





#77

Benzidine

Concen: 41.885 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

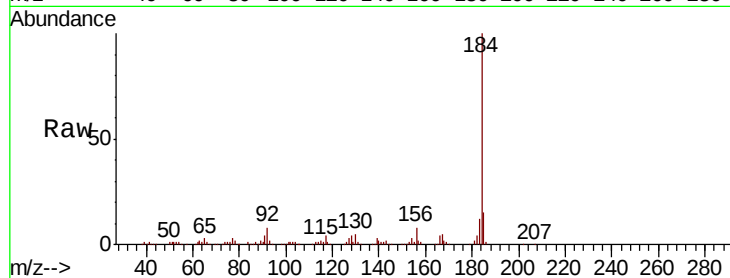
Tot Ion:184 Resp: 264602

Ion Ratio Lower Upper

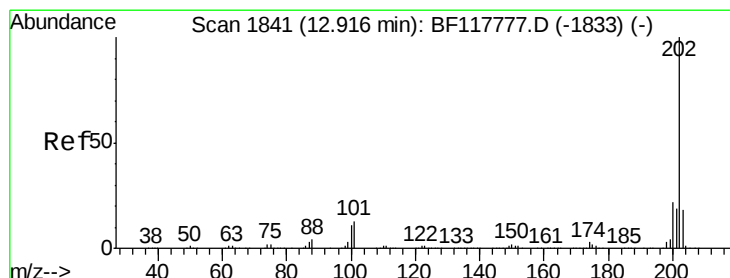
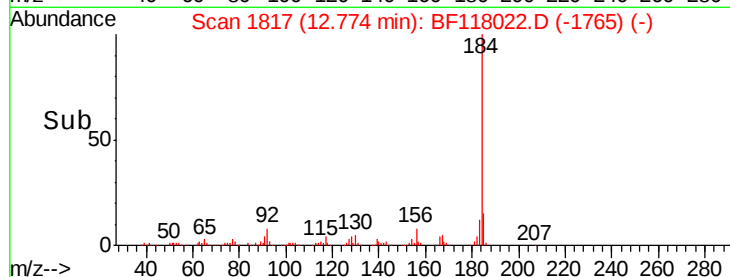
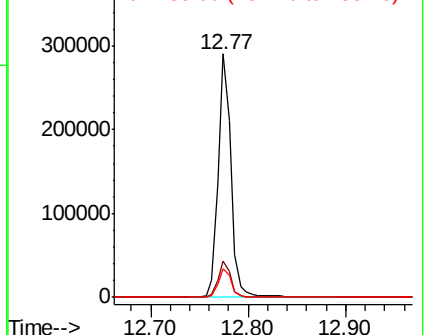
184 100

185 14.8 12.2 18.4

183 12.0 9.5 14.3



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: 37.814 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

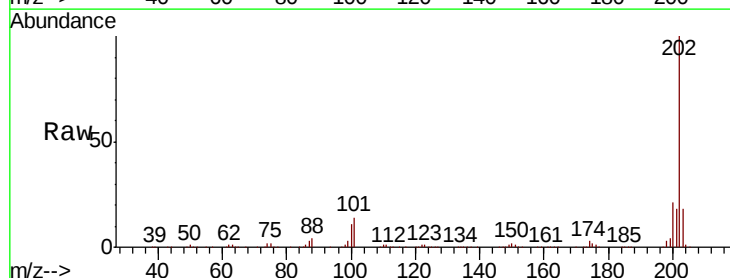
Tgt Ion:202 Resp: 589374

Ion Ratio Lower Upper

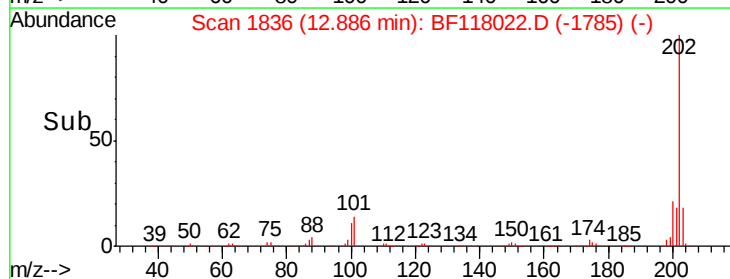
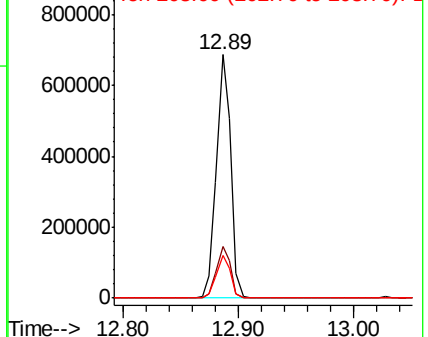
202 100

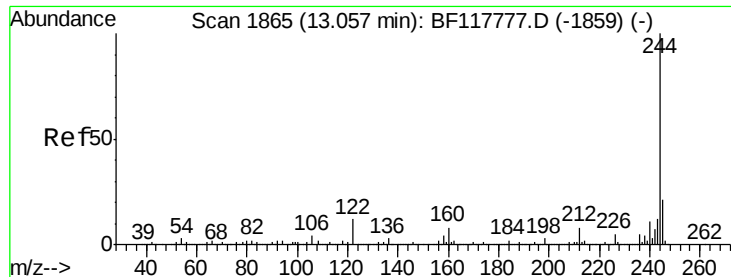
200 21.2 17.8 26.8

203 17.6 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

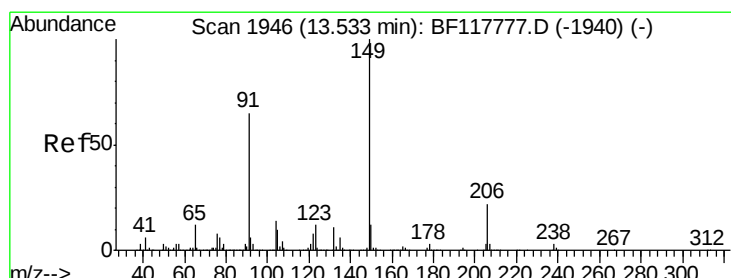
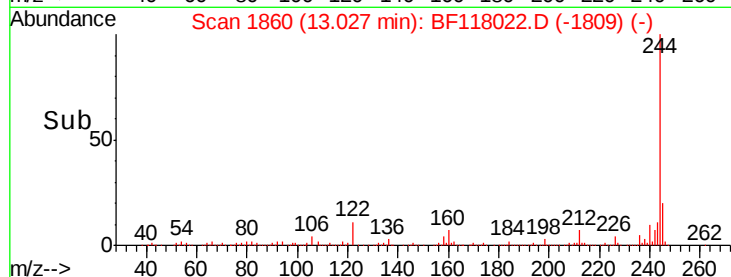
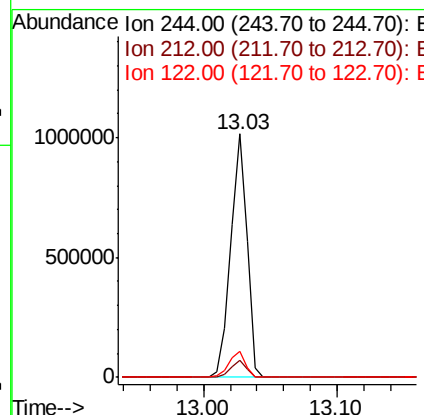
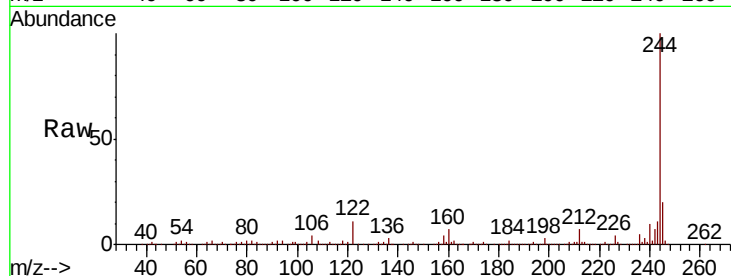




#79
 Terphenyl-d14
 Concen: 83.893 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

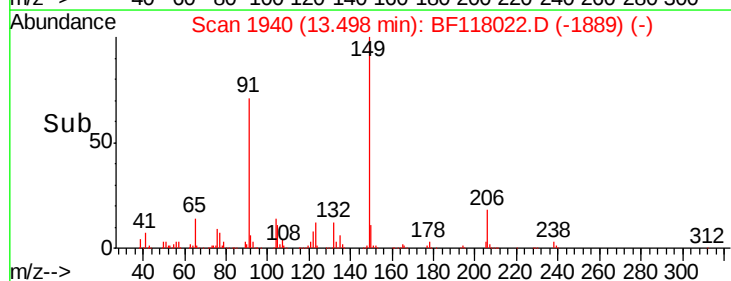
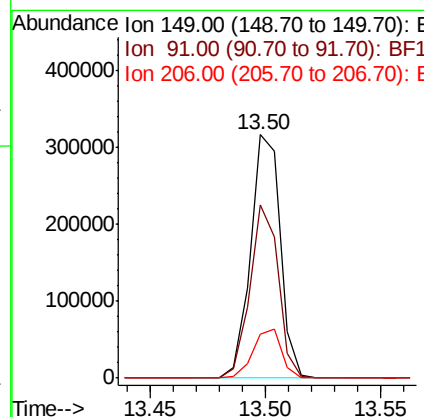
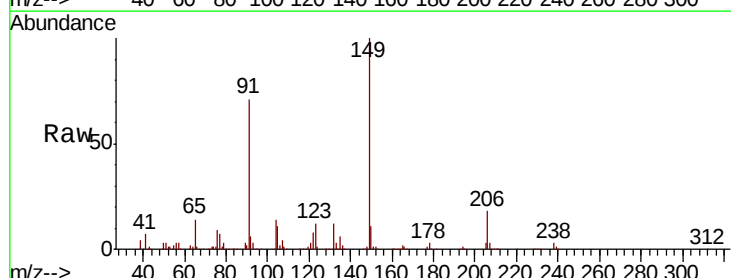
Instrument :
 BNA_F
 ClientSampled :

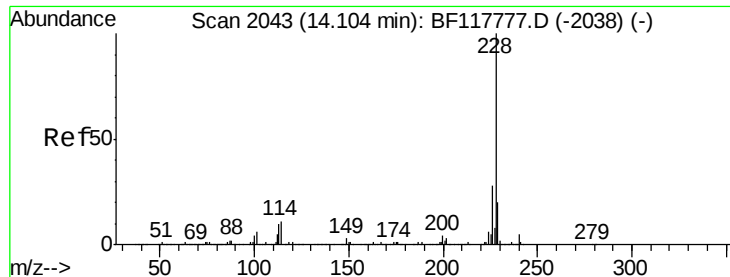
Tot Ion:244 Resp: 885290
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 10.9 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 42.480 ng
 RT: 13.50 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF118022.D
 Acq: 27 Nov 2019 1:58

Tgt Ion:149 Resp: 284372
 Ion Ratio Lower Upper
 149 100
 91 71.2 51.9 77.9
 206 18.3 17.2 25.8

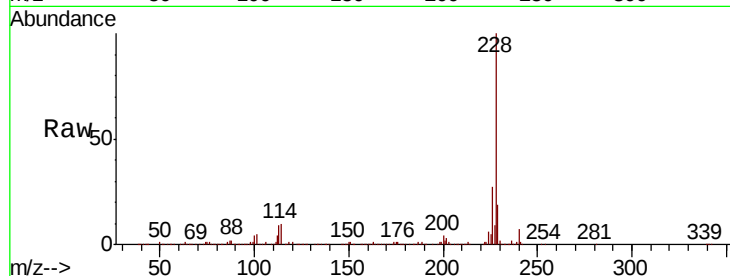




#81
Benzo(a)anthracene
Concen: 41.456 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.2
229	19.4	15.9	23.9

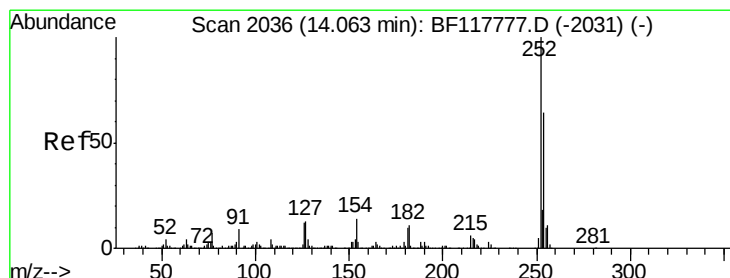
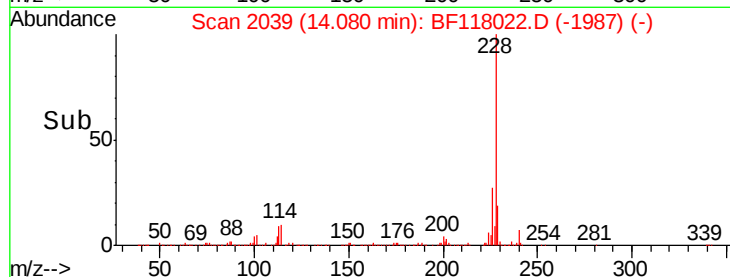
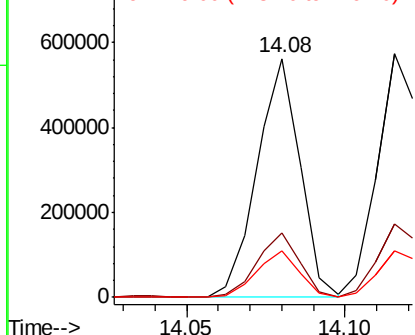


Abundance

Ion 228.00 (227.70 to 228.70): E

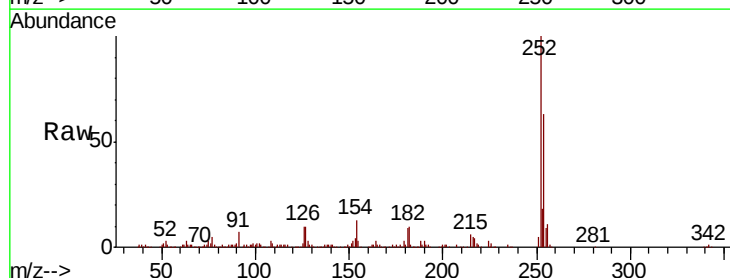
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 46.627 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.0	76.6
126	9.8	9.7	14.5

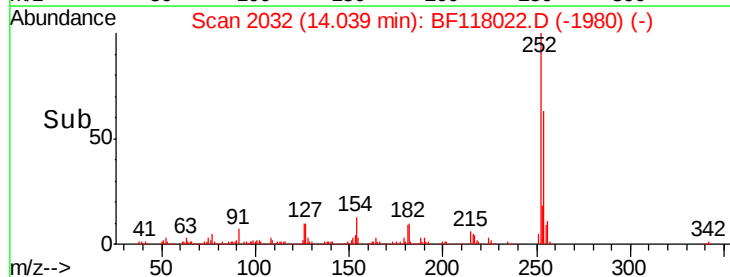
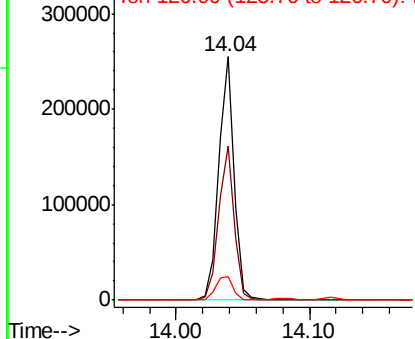


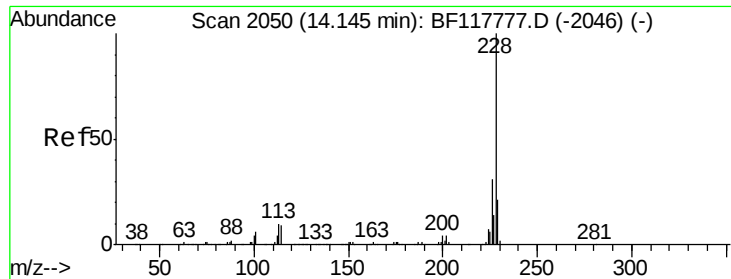
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

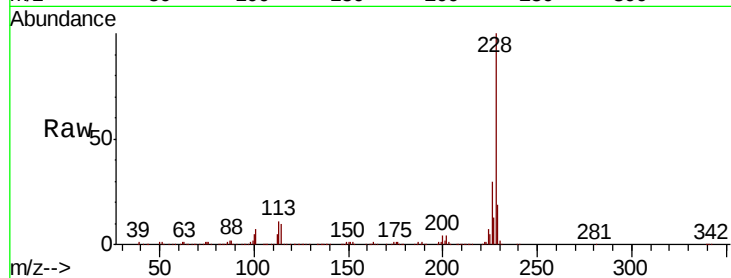




#83
Chrysene
Concen: 41.256 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.4
229	19.3	16.6	25.0

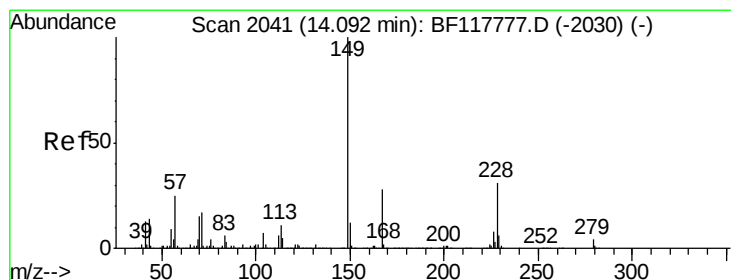
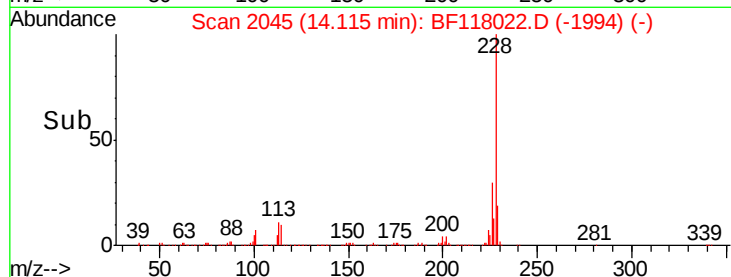
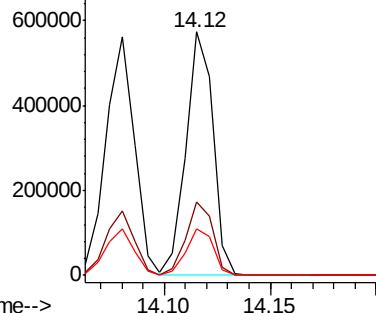


Abundance

Ion 228.00 (227.70 to 228.70): E

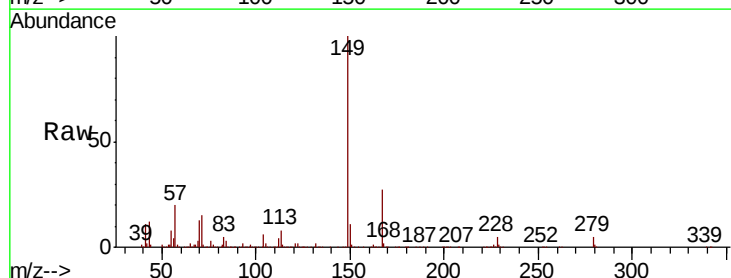
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.025 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	4.6	3.4	5.2

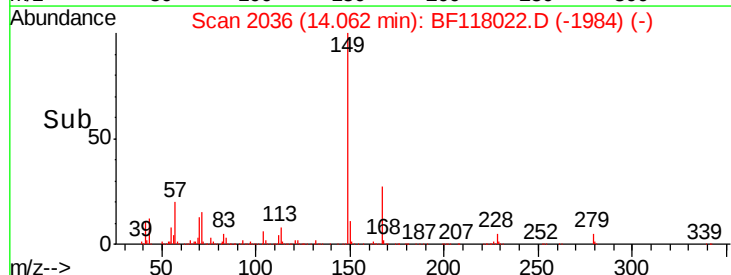
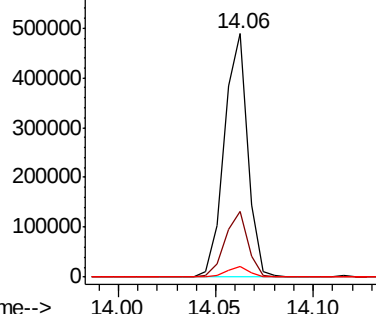


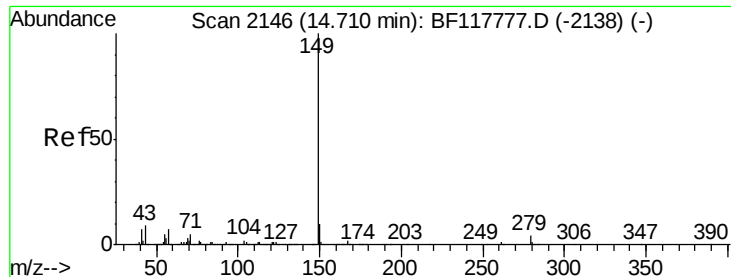
Abundance

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

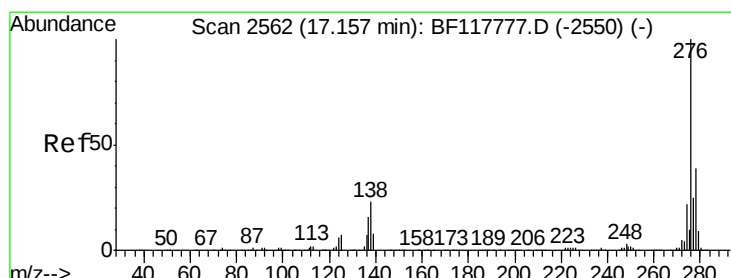
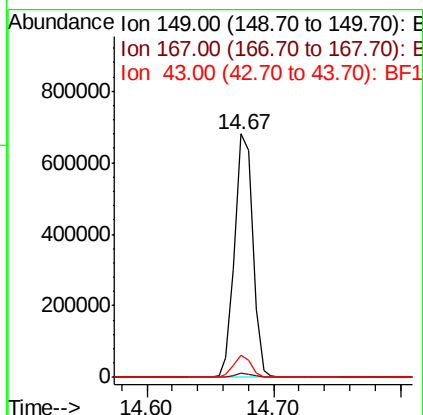
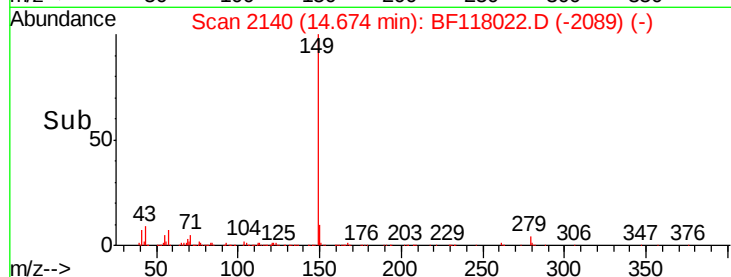
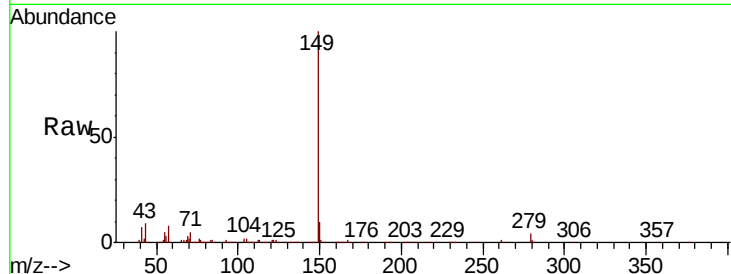




#85
Di-n-octyl phthalate
Concen: 56.144 ng
RT: 14.67 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

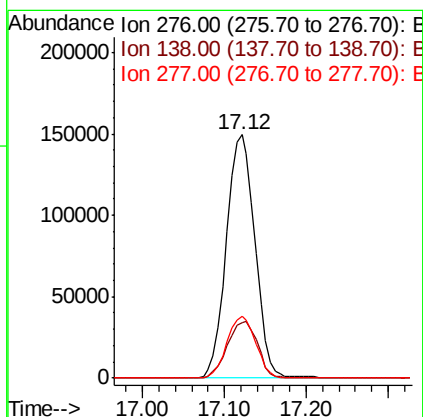
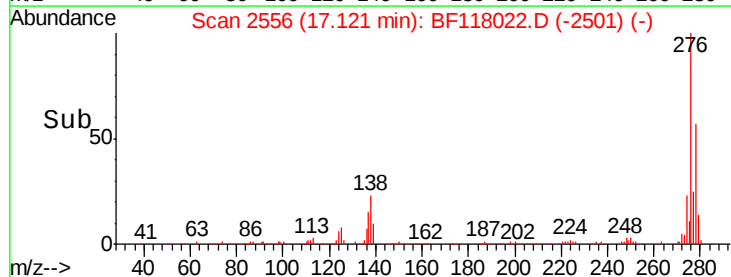
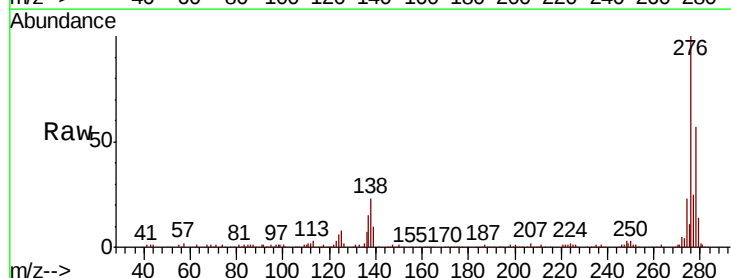
Instrument :
BNA_F
ClientSampleId :

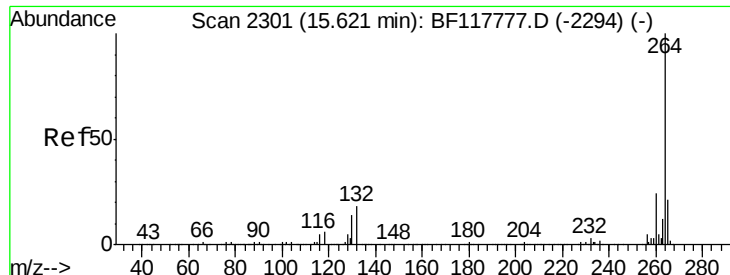
Tot Ion:149 Resp: 669392
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.5 7.4 11.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.600 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.02 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion:276 Resp: 363667
Ion Ratio Lower Upper
276 100
138 24.6 20.9 31.3
277 25.8 20.3 30.5

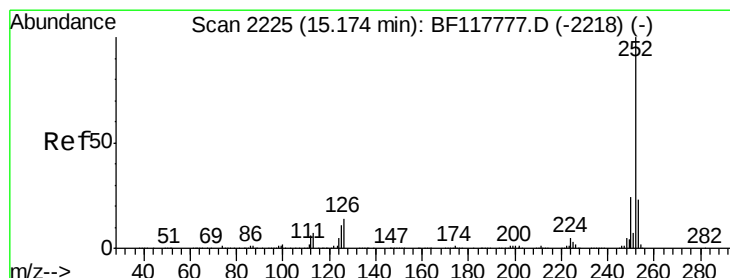
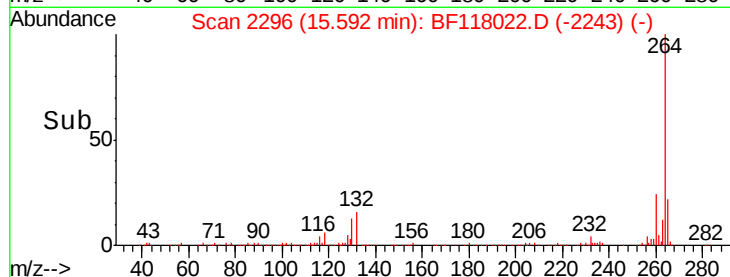
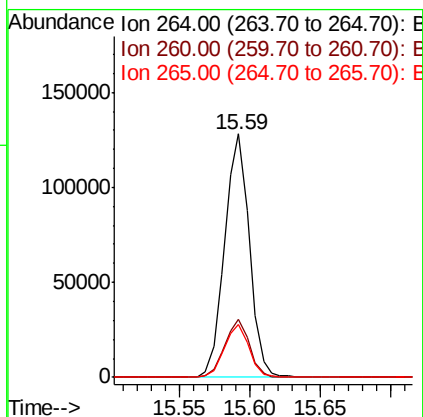
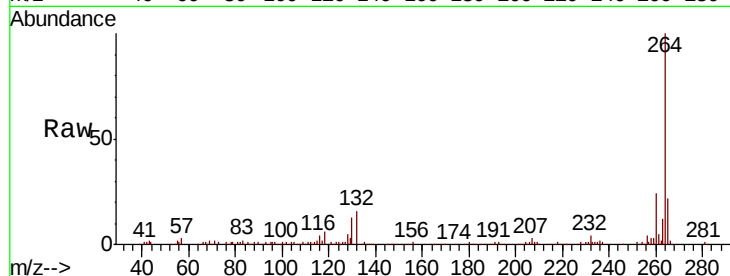




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

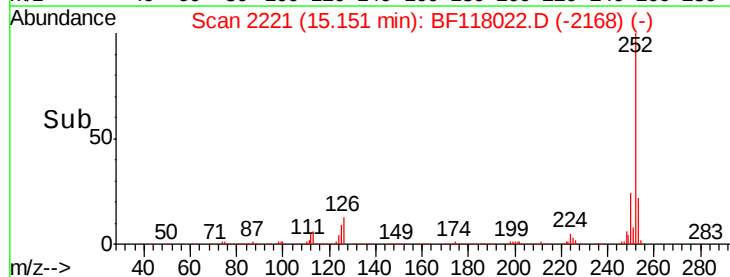
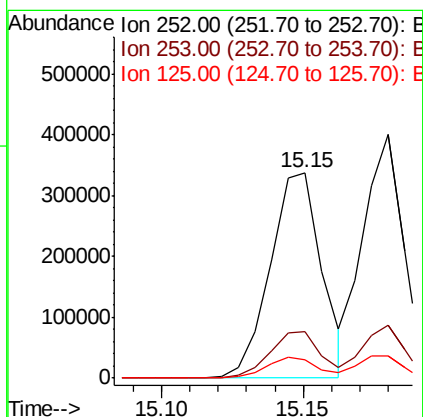
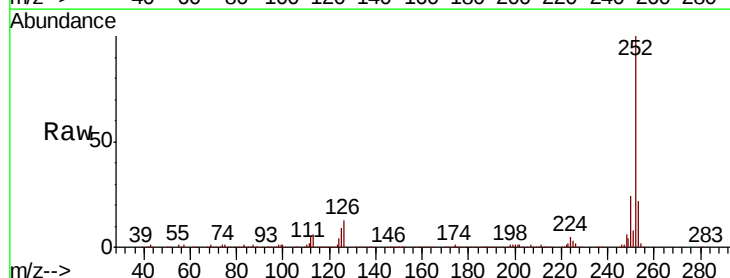
Instrument :
BNA_F
ClientSampleId :

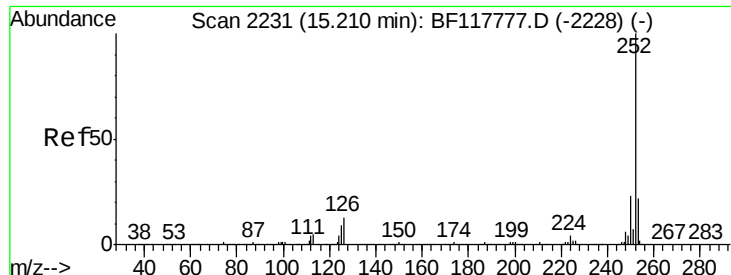
Tot Ion:264 Resp: 156100
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 22.0 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 42.113 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion:252 Resp: 427100
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.1 8.6 13.0

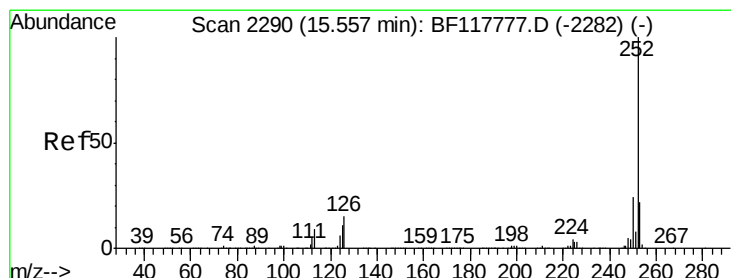
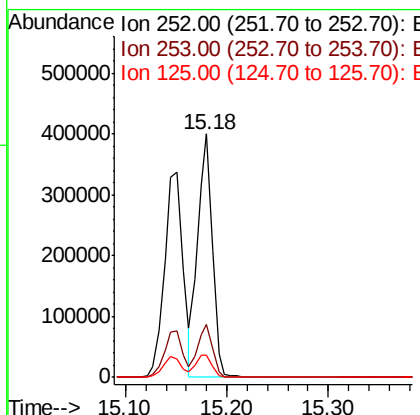
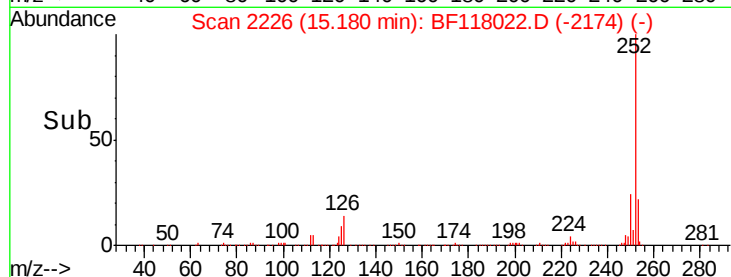
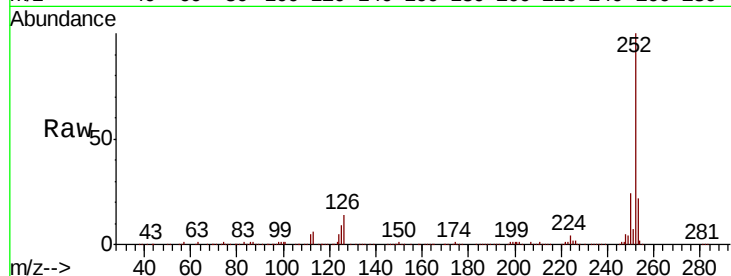




#89
Benzo(k)fluoranthene
Concen: 42.253 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

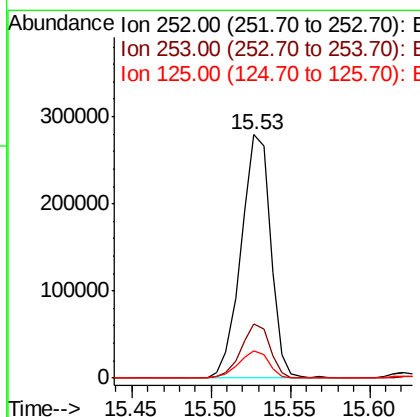
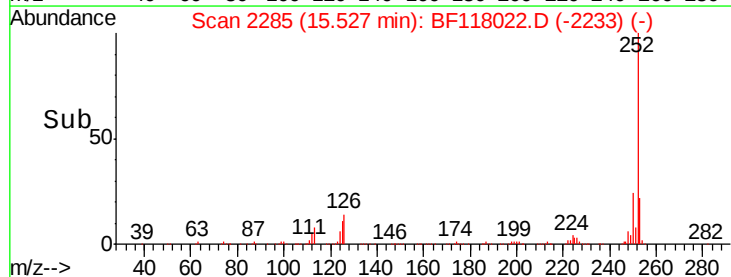
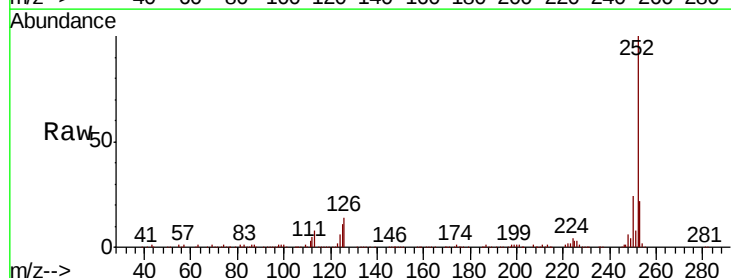
Instrument :
BNA_F
ClientSampleId :

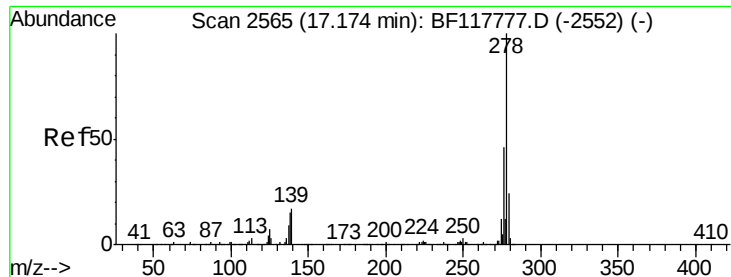
Tot Ion:252 Resp: 403770
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.3 7.9 11.9



#90
Benzo(a)pyrene
Concen: 40.602 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF118022.D
Acq: 27 Nov 2019 1:58

Tgt Ion:252 Resp: 362094
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.1 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 40.466 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.01 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

Instrument :

BNA_F

ClientSampleId :

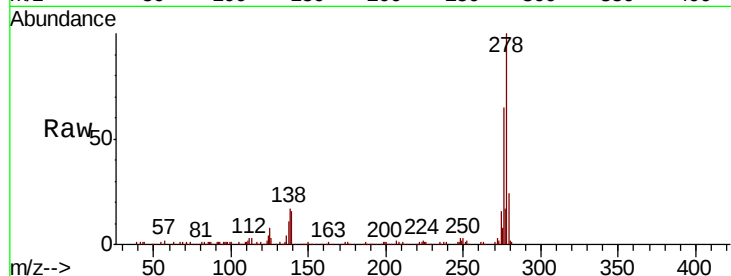
Tot Ion:278 Resp: 310619

Ion Ratio Lower Upper

278 100

139 15.6 13.8 20.8

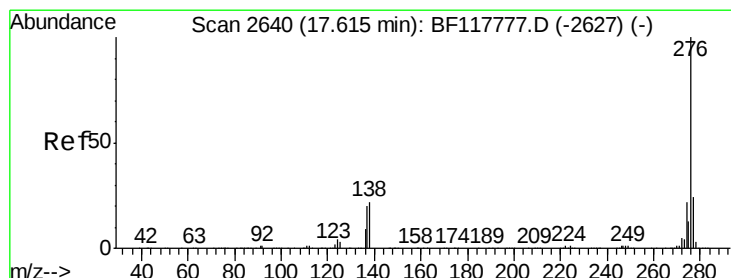
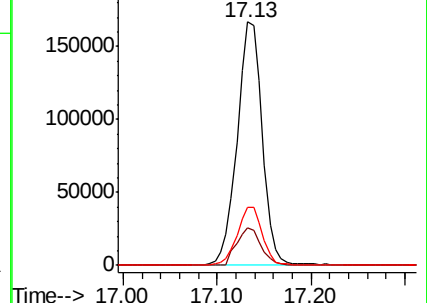
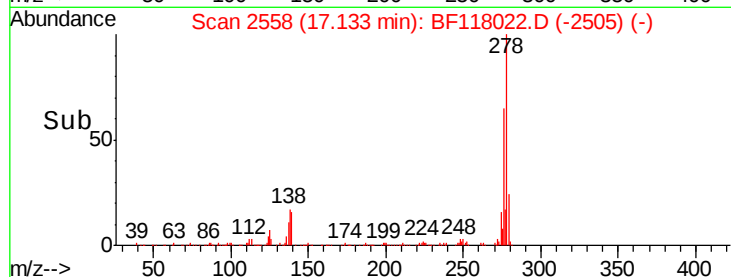
279 23.9 19.6 29.4



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: 36.855 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.03 min

Lab File: BF118022.D

Acq: 27 Nov 2019 1:58

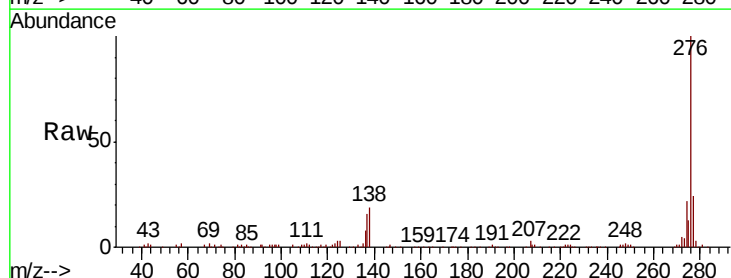
Tgt Ion:276 Resp: 281776

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 18.6 17.4 26.2



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

