

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118495.D
 Acq On : 8 Jan 2020 11:49
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 14:31:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 14:21:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	76639	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	307715	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	170682	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	348577	20.00	ng	0.00
76) Chrysene-d12	14.03	240	258448	20.00	ng	0.00
87) Perylene-d12	15.52	264	217474	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	111290	26.07	ng	0.00
7) Phenol-d6	6.46	99	124918	22.92	ng	-0.01
23) Nitrobenzene-d5	7.40	82	134435	23.66	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	43126	20.75	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	268938	23.26	ng	-0.01
79) Terphenyl-d14	12.96	244	339039	20.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	17708	12.265	ng	96
3) Pyridine	3.32	79	37233	9.381	ng	97
4) n-Nitrosodimethylamine	3.25	42	21169	11.036	ng	# 89
6) Aniline	6.49	93	76992	11.435	ng	94
8) 2-Chlorophenol	6.62	128	56898	11.433	ng	95
9) Benzaldehyde	6.39	77	38443	12.806	ng	96
10) Phenol	6.48	94	66779	10.994	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	47883	11.386	ng	98
12) 1,3-Dichlorobenzene	6.77	146	66519	11.313	ng	96
13) 1,4-Dichlorobenzene	6.85	146	68198	11.437	ng	99
14) 1,2-Dichlorobenzene	7.00	146	67893	12.132	ng	98
15) Benzyl Alcohol	6.98	79	49856	11.414	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	57547	12.253	ng	90
17) 2-Methylphenol	7.09	107	51349	12.725	ng	94
18) Hexachloroethane	7.34	117	28185	12.857	ng	89
19) n-Nitroso-di-n-propylamine	7.24	70	43951	12.962	ng	97
20) 3+4-Methylphenols	7.25	107	68825	13.014	ng	# 75
22) Acetophenone	7.24	105	95782	12.138	ng	# 93
24) Nitrobenzene	7.42	77	68803	12.247	ng	98
25) Isophorone	7.65	82	110031	11.361	ng	99
26) 2-Nitrophenol	7.74	139	33180	11.051	ng	100
27) 2,4-Dimethylphenol	7.77	122	45130	11.480	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	69052	11.270	ng	99
29) 2,4-Dichlorophenol	7.99	162	50659	10.929	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	56092	10.226	ng	95
31) Naphthalene	8.14	128	179354	11.083	ng	98
32) Benzoic acid	7.88	122	3884	1.418	ng	# 80
33) 4-Chloroaniline	8.19	127	73561	10.840	ng	96
34) Hexachlorobutadiene	8.25	225	34092	10.418	ng	97
35) Caprolactam	8.54	113	14465	9.885	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	53783	11.026	ng	95
37) 2-Methylnaphthalene	8.83	142	119722	10.822	ng	96
38) 1-Methylnaphthalene	8.93	142	114668	10.830	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	55956	10.837	ng	99

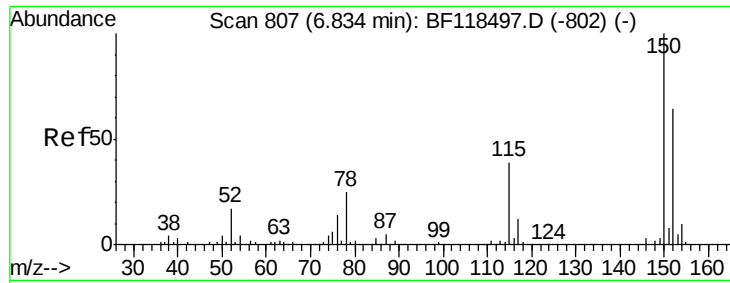
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118495.D
 Acq On : 8 Jan 2020 11:49
 Operator : JU
 Sample : SSTDICC010
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 14:21:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1610	1.723	ng	90
43) 2,4,6-Trichlorophenol	9.12	196	32305	9.796	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	33281	9.914	ng	98
46) 1,1'-Biphenyl	9.30	154	154329	11.296	ng	98
47) 2-Chloronaphthalene	9.33	162	122876	11.221	ng	96
48) 2-Nitroaniline	9.43	65	34321	10.848	ng	96
49) Acenaphthylene	9.74	152	176169	10.821	ng	98
50) Dimethylphthalate	9.59	163	135047	10.278	ng	99
51) 2,6-Dinitrotoluene	9.66	165	29208	10.847	ng	93
52) Acenaphthene	9.92	154	108482	10.582	ng	99
53) 3-Nitroaniline	9.84	138	35514	10.775	ng	91
54) 2,4-Dinitrophenol	9.97	184	7491	6.577	ng	94
55) Dibenzofuran	10.09	168	177559	12.234	ng	99
56) 4-Nitrophenol	10.03	139	12440	7.848	ng	97
57) 2,4-Dinitrotoluene	10.08	165	41672	11.248	ng	95
58) Fluorene	10.43	166	118992	9.998	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	24691	8.865	ng	92
60) Diethylphthalate	10.30	149	149469	11.568	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	58936	9.908	ng	98
62) 4-Nitroaniline	10.45	138	32788	9.720	ng	93
63) Azobenzene	10.58	77	122832	11.054	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	12290	6.161	ng	96
66) n-Nitrosodiphenylamine	10.54	169	105970	8.878	ng	98
67) 4-Bromophenyl-phenylether	10.91	248	41839	9.467	ng	95
68) Hexachlorobenzene	10.99	284	50516	9.607	ng	96
69) Atrazine	11.06	200	37136	10.118	ng	98
70) Pentachlorophenol	11.19	266	9142	5.595	ng	90
71) Phenanthrene	11.40	178	215486	11.202	ng	99
72) Anthracene	11.45	178	215107	11.047	ng	99
73) Carbazole	11.61	167	175672	9.839	ng	99
74) Di-n-butylphthalate	11.93	149	235850	10.073	ng	98
75) Fluoranthene	12.60	202	213179	10.518	ng	97
77) Benzidine	12.72	184	123622	16.923	ng	97
78) Pyrene	12.83	202	207714	9.306	ng	98
80) Butylbenzylphthalate	13.44	149	95660	9.728	ng	91
81) Benzo(a)anthracene	14.02	228	195588	10.637	ng	97
82) 3,3'-Dichlorobenzidine	13.98	252	63016	10.802	ng	98
83) Chrysene	14.06	228	199731	11.330	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	130481	10.604	ng	99
85) Di-n-octyl phthalate	14.61	149	192781	10.182	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	126969	10.081	ng	100
88) Benzo(b)fluoranthene	15.08	252	165486	10.940	ng	99
89) Benzo(k)fluoranthene	15.11	252	172779	11.605	ng	100
90) Benzo(a)pyrene	15.45	252	135746	9.842	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	103307	9.605	ng	97
92) Benzo(g,h,i)perylene	17.47	276	101036	9.056	ng	98

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

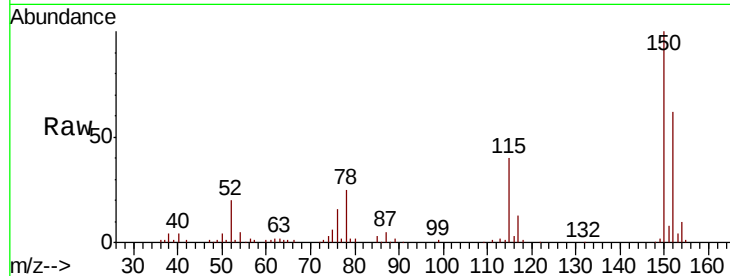


#1

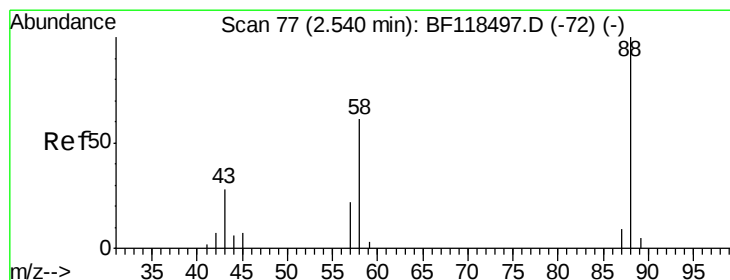
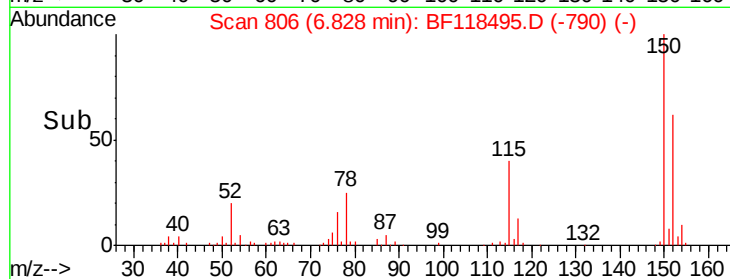
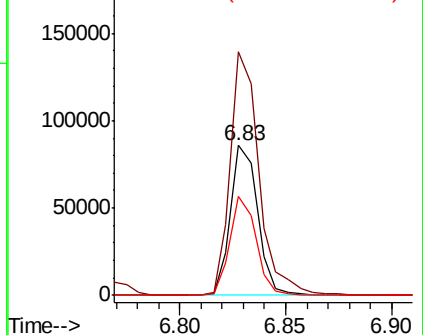
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76639
Ion Ratio Lower Upper
152 100
150 162.2 124.7 187.1
115 65.5 49.0 73.6



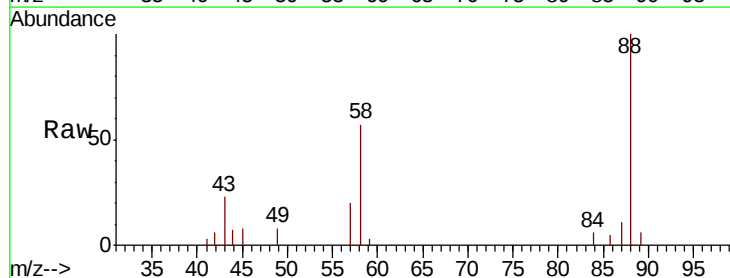
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



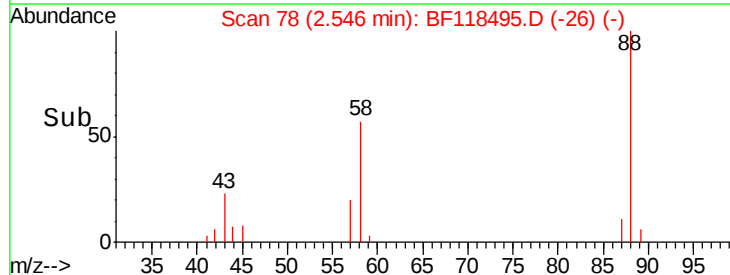
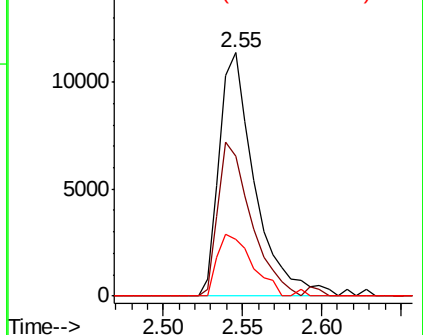
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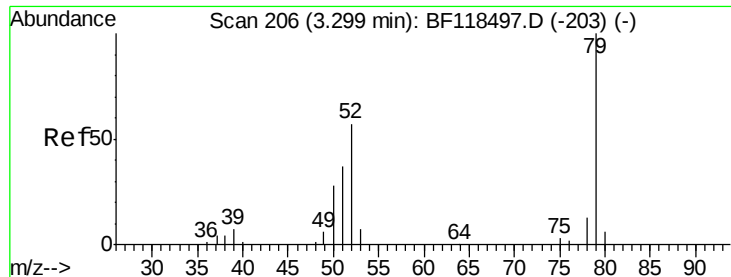
1,4-Dioxane
Concen: 12.265 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion: 88 Resp: 17708
Ion Ratio Lower Upper
88 100
58 59.0 48.3 72.5
43 25.0 23.4 35.0



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

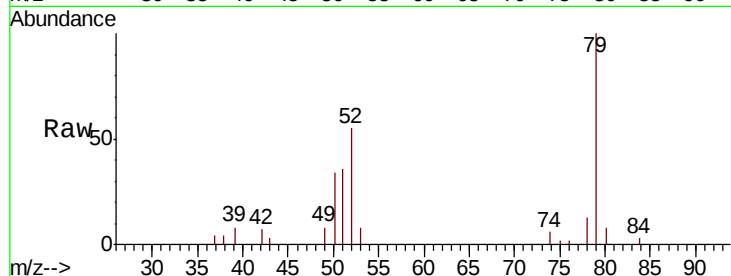




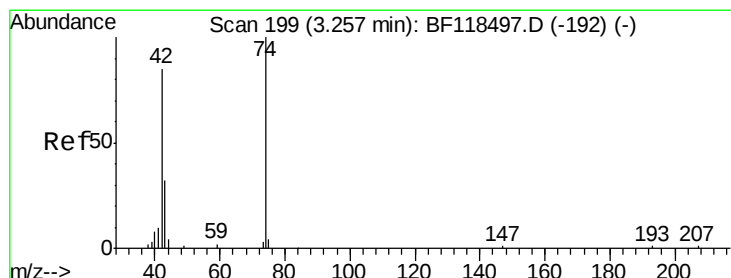
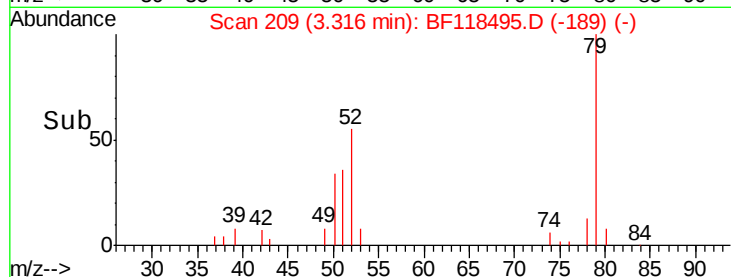
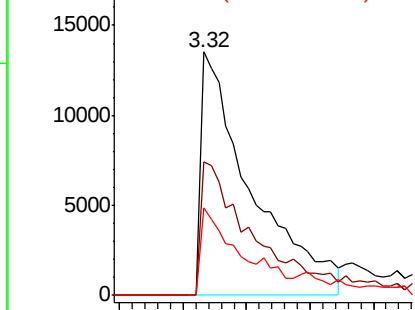
#3
 Pvridine
 Concen: 9.381 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.02 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 37233
 Ion Ratio Lower Upper
 79 100
 52 54.9 45.9 68.9
 51 36.1 29.8 44.6

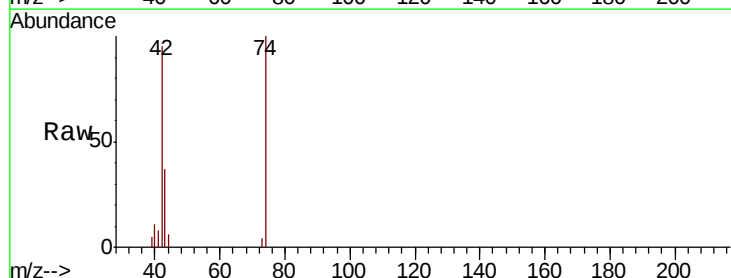


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

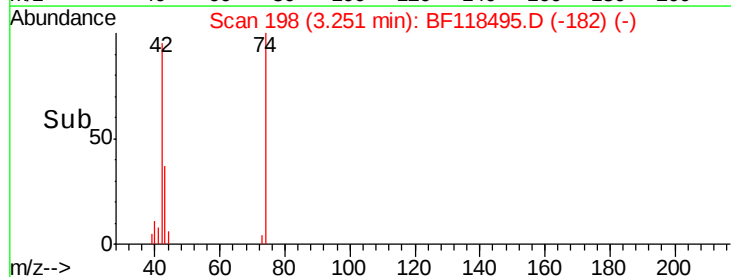
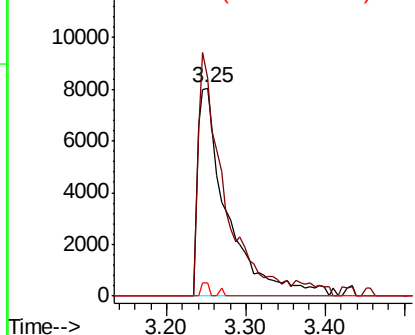


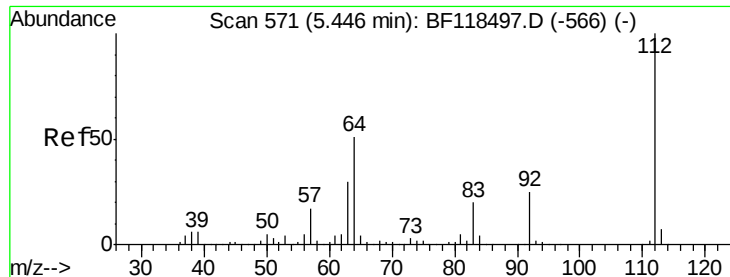
#4
 n-Nitrosodimethylamine
 Concen: 11.036 ng
 RT: 3.25 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion: 42 Resp: 21169
 Ion Ratio Lower Upper
 42 100
 74 104.8 94.1 141.1
 44 6.4 4.1 6.1#



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: 26.067 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampled :

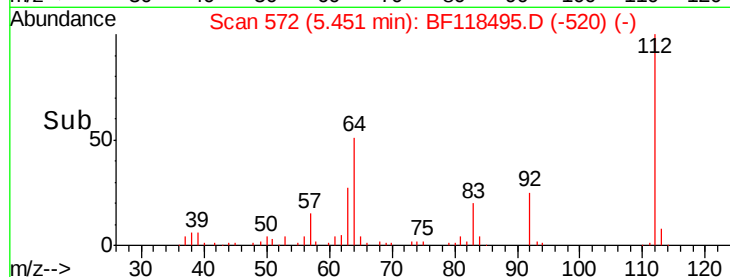
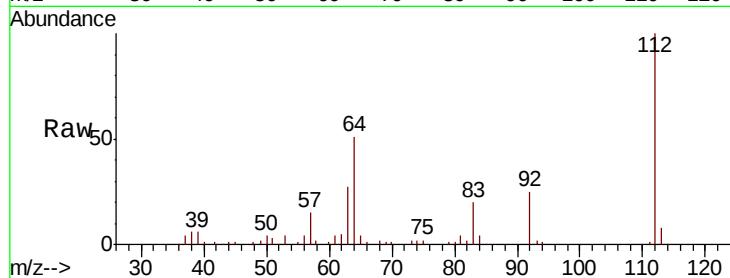
Tot Ion:112 Resp: 111290

Ion Ratio Lower Upper

112 100

64 51.0 41.1 61.7

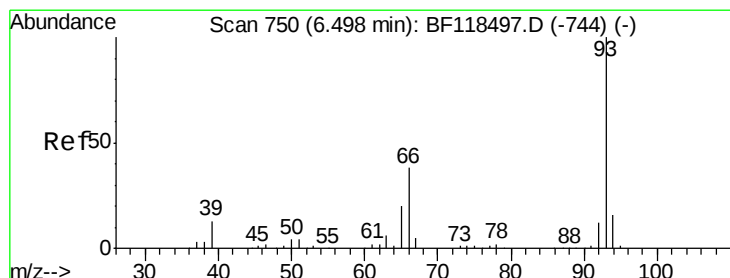
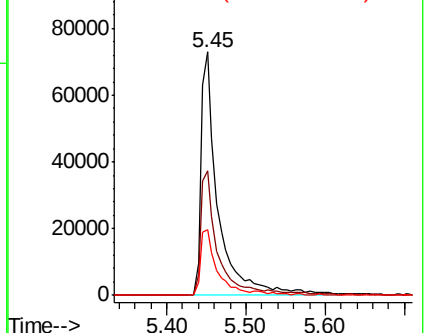
63 26.9 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.435 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

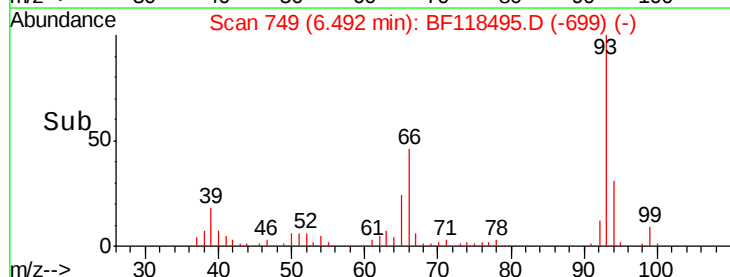
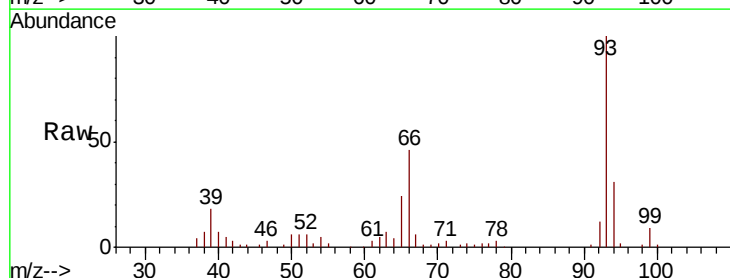
Tgt Ion: 93 Resp: 76992

Ion Ratio Lower Upper

93 100

66 45.5 33.4 50.0

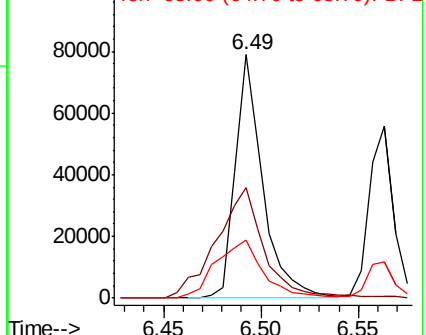
65 24.0 16.7 25.1

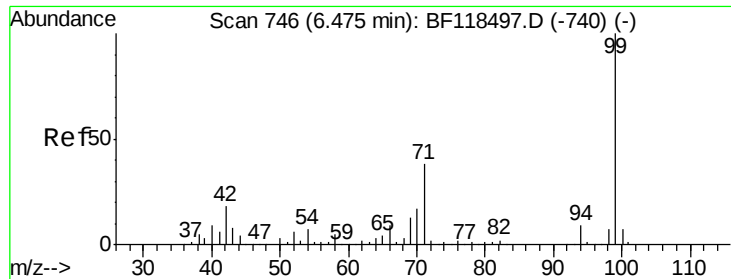


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 22.923 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampleId :

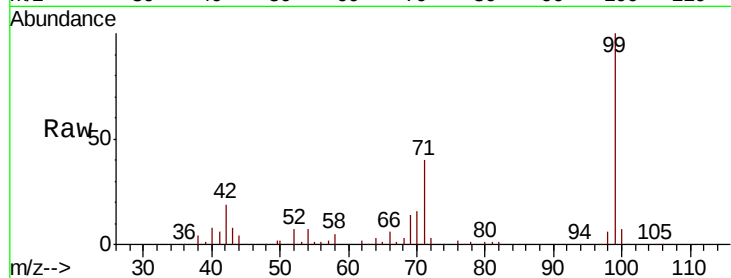
Tot Ion: 99 Resp: 124918

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

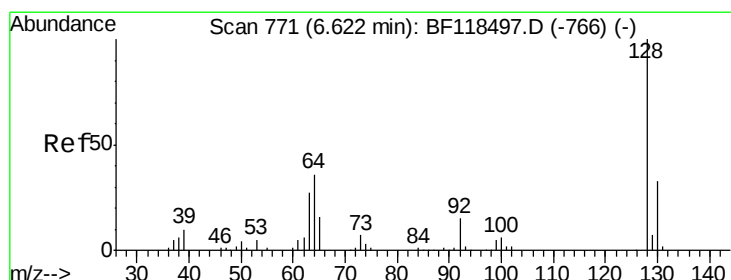
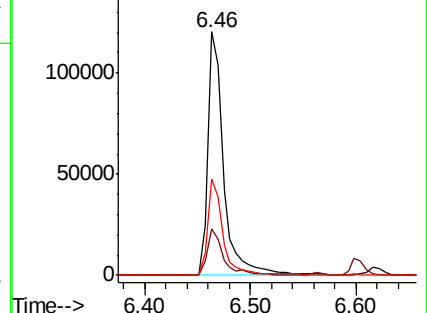
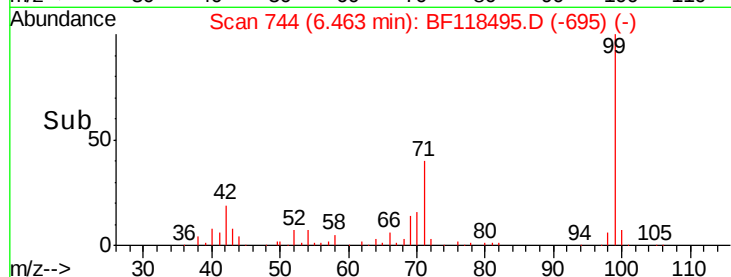
71 39.5 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 11.433 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

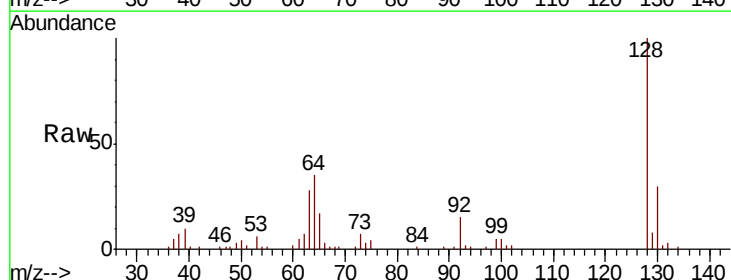
Tgt Ion: 128 Resp: 56898

Ion Ratio Lower Upper

128 100

130 30.1 12.7 52.7

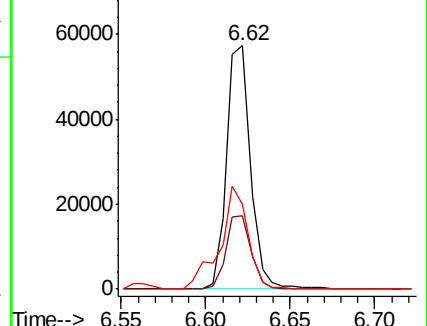
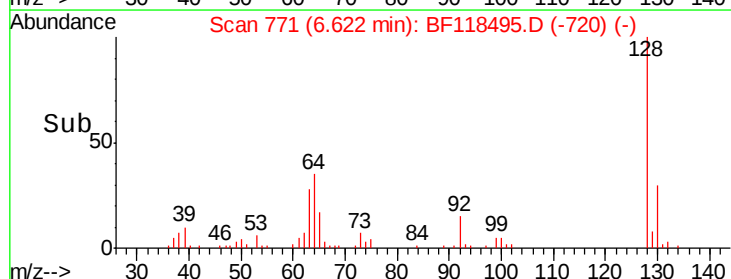
64 34.6 17.8 57.8

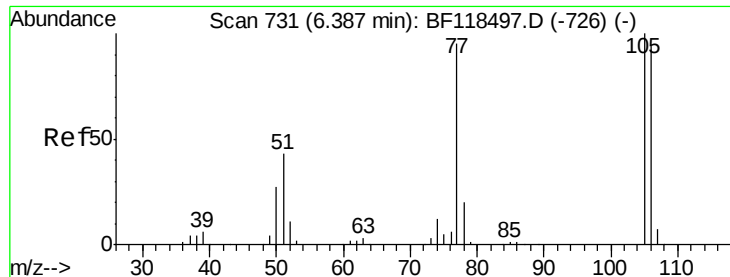


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.806 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampleId :

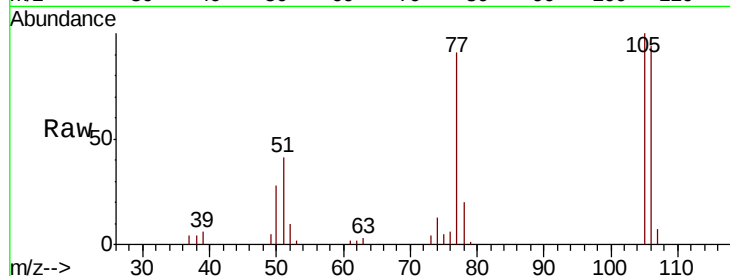
Tot Ion: 77 Resp: 38443

Ion Ratio Lower Upper

77 100

105 109.7 85.4 125.4

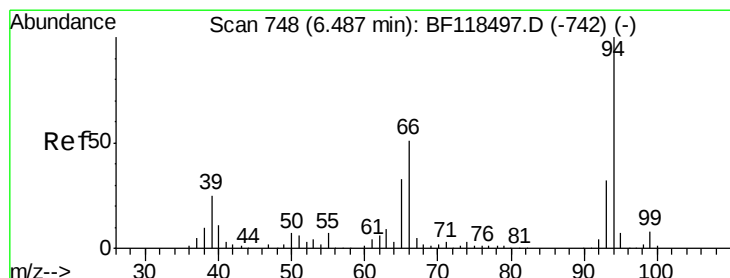
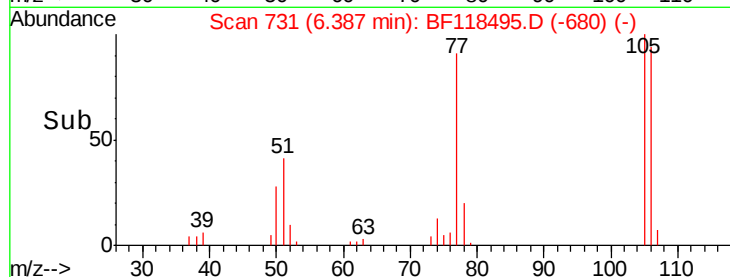
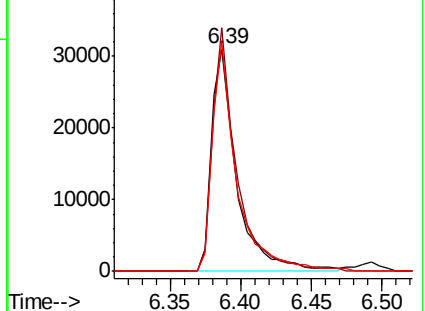
106 103.6 79.5 119.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 10.994 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

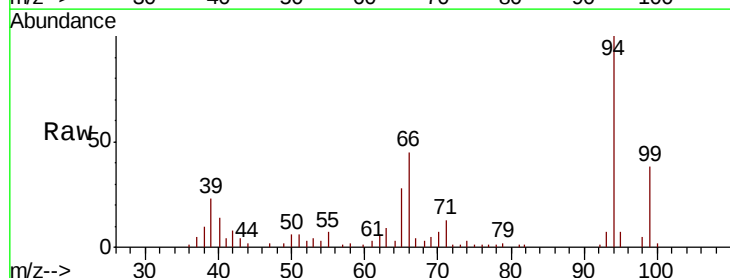
Tgt Ion: 94 Resp: 66779

Ion Ratio Lower Upper

94 100

65 28.3 13.3 53.3

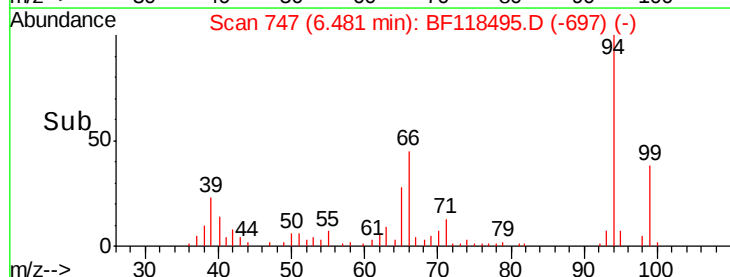
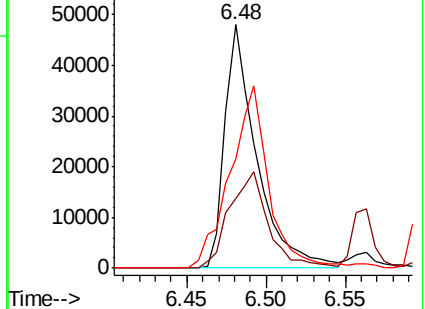
66 44.8 30.9 70.9

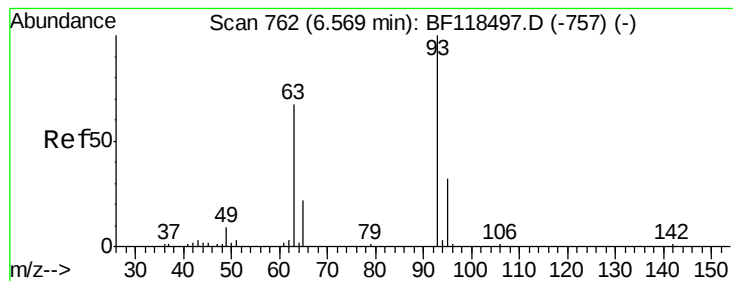


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

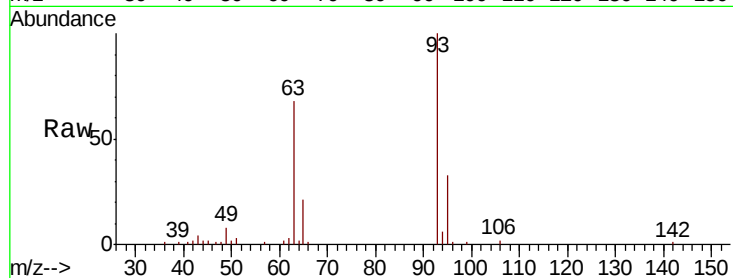




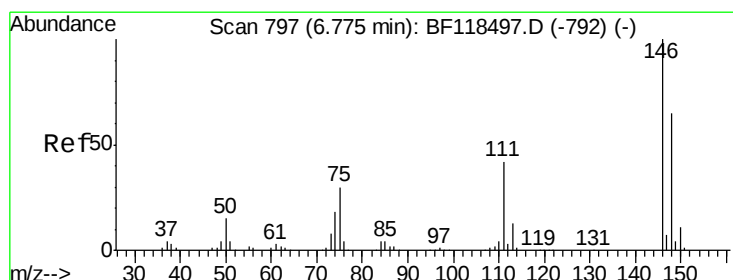
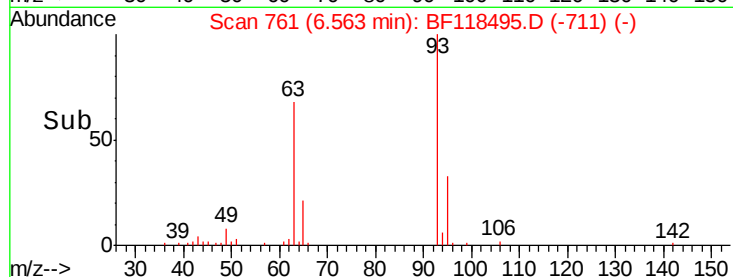
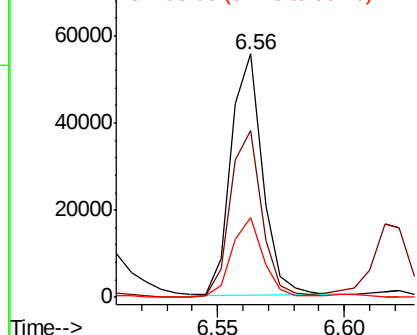
#11
bis(2-Chloroethyl)ether
Concen: 11.386 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 47883
Ion Ratio Lower Upper
93 100
63 68.4 46.6 86.6
95 33.0 11.5 51.5

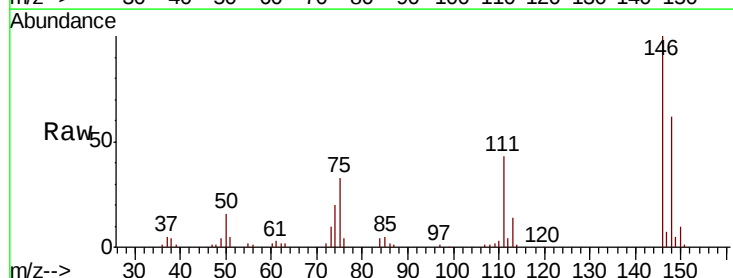


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

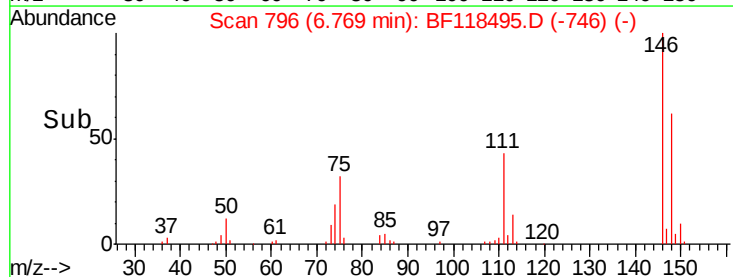
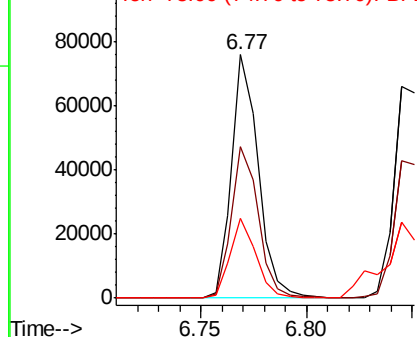


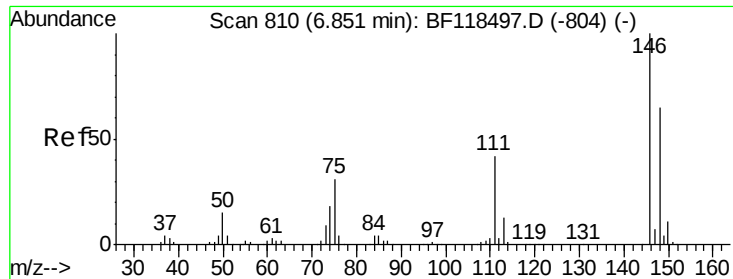
#12
1,3-Dichlorobenzene
Concen: 11.313 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion: 146 Resp: 66519
Ion Ratio Lower Upper
146 100
148 62.4 52.4 78.6
75 32.5 24.1 36.1



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

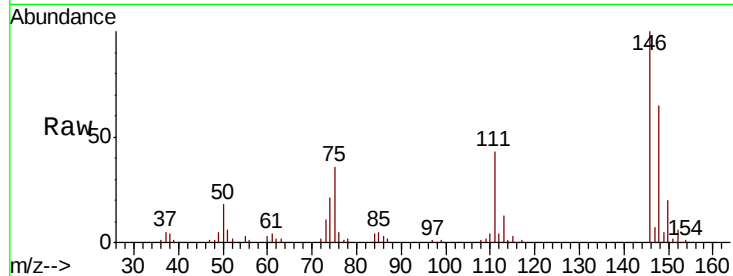




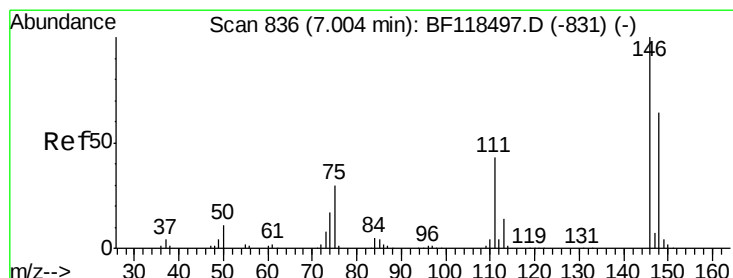
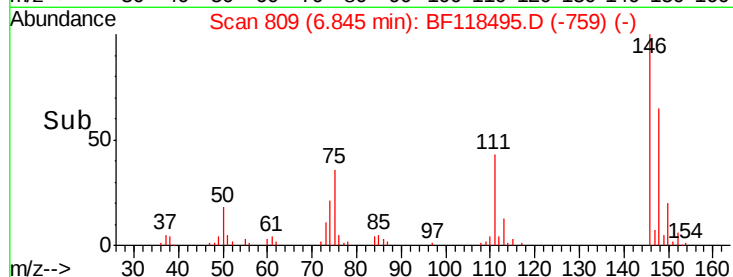
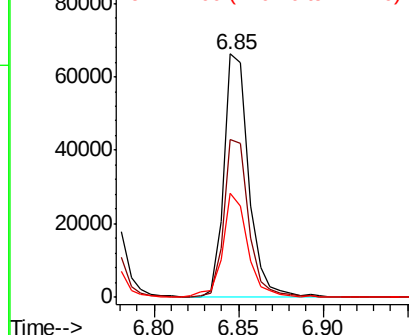
#13
 1,4-Dichlorobenzene
 Concen: 11.437 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 68198
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 111 43.0 33.2 49.8

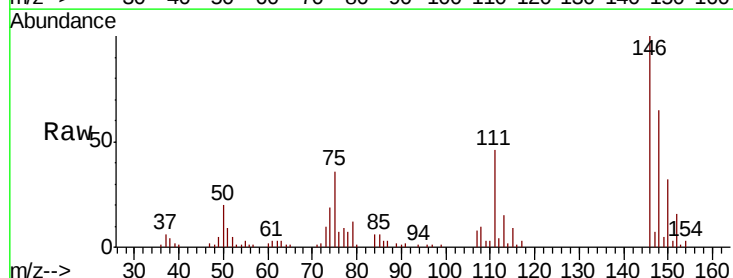


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

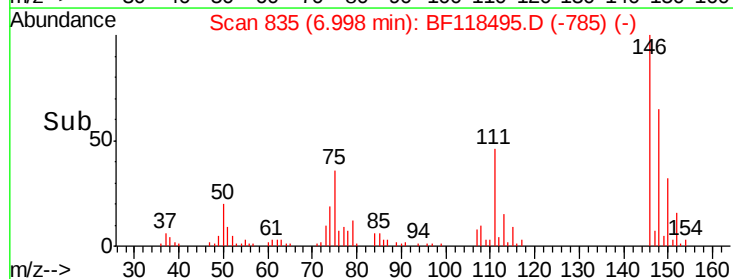
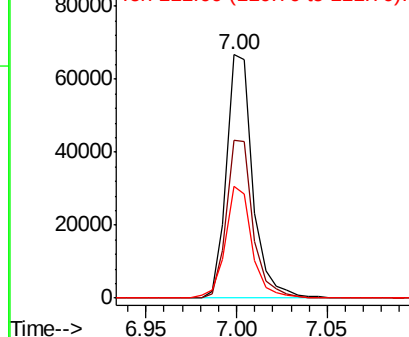


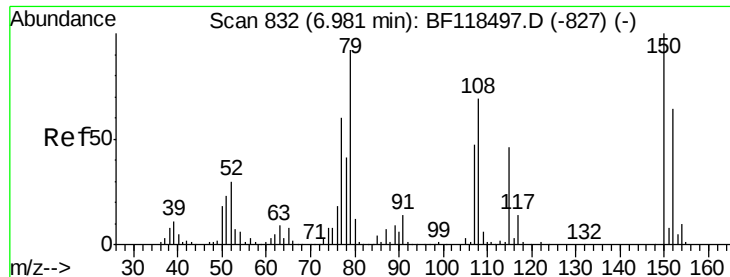
#14
 1,2-Dichlorobenzene
 Concen: 12.132 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion:146 Resp: 67893
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.3 76.9
 111 45.8 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

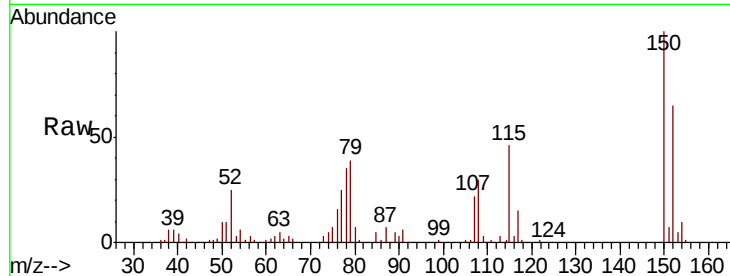




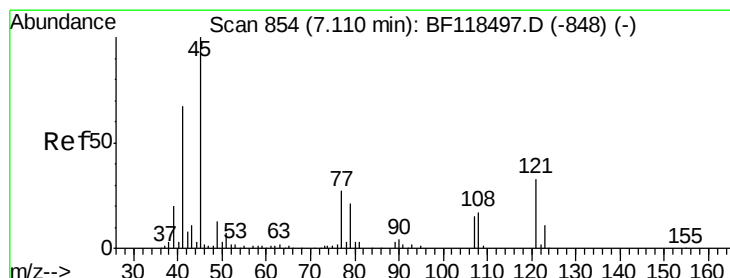
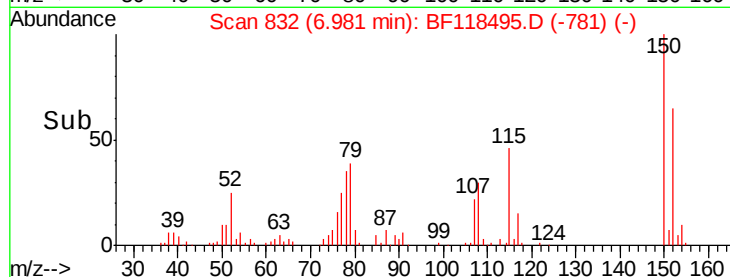
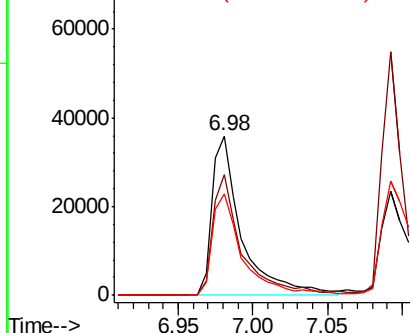
#15
Benzyl Alcohol
Concen: 11.414 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 49856
Ion Ratio Lower Upper
79 100
108 75.4 60.2 90.2
77 63.4 51.8 77.8

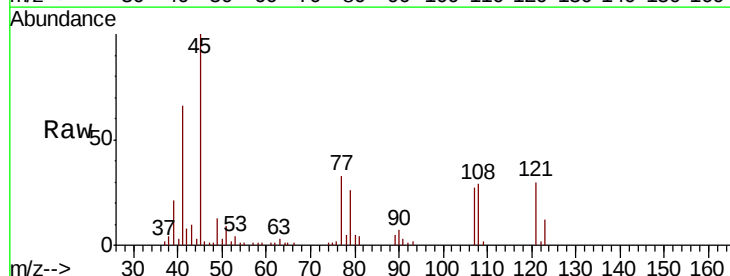


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

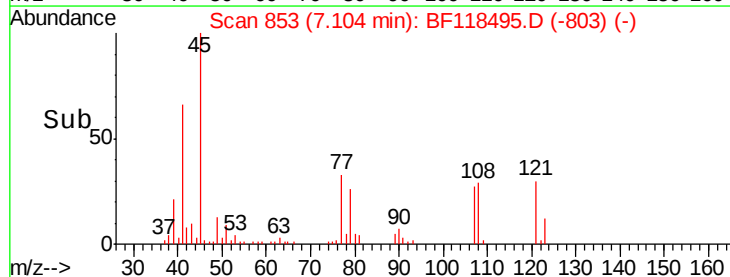
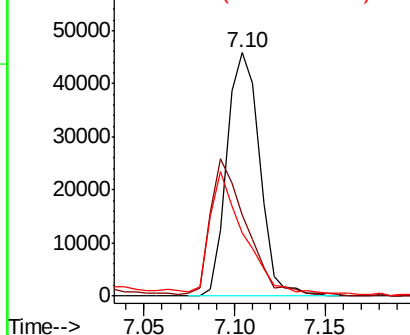


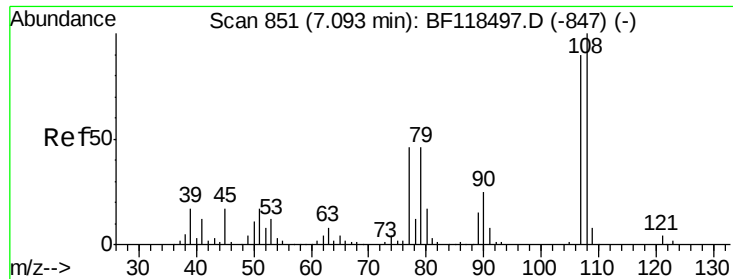
#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.253 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion: 45 Resp: 57547
Ion Ratio Lower Upper
45 100
77 33.5 7.6 47.6
79 26.0 2.0 42.0



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

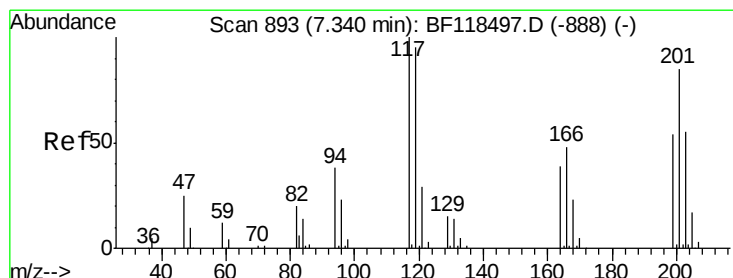
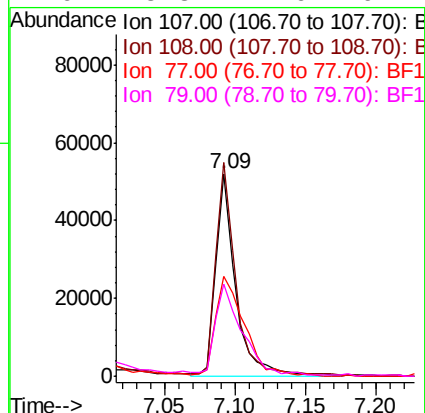
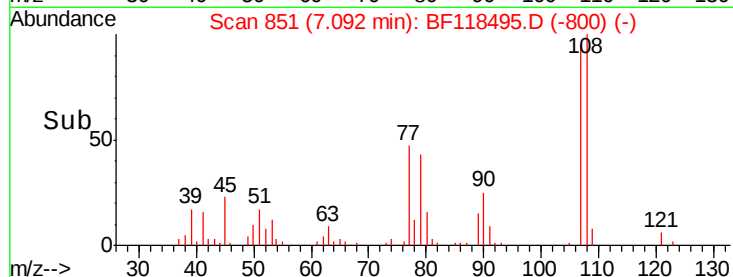
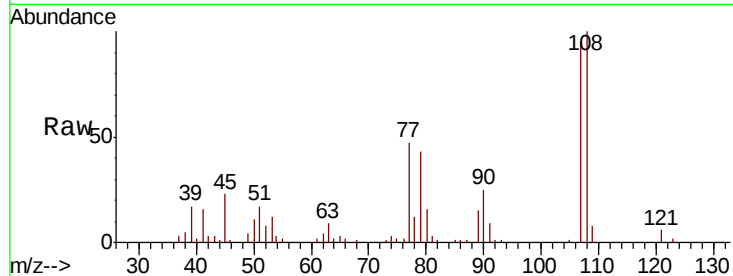




#17
2-Methylphenol
Concen: 12.725 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

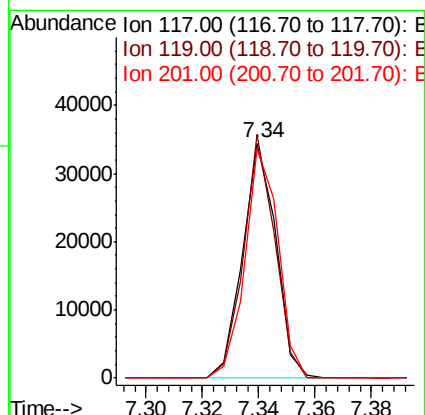
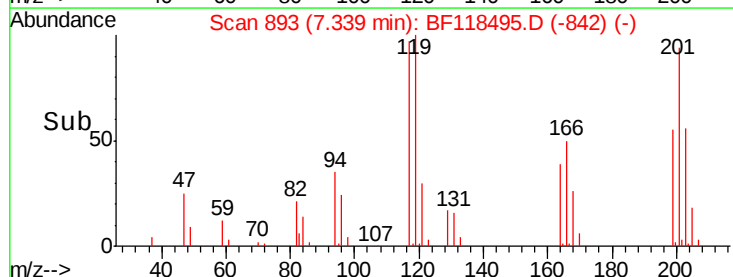
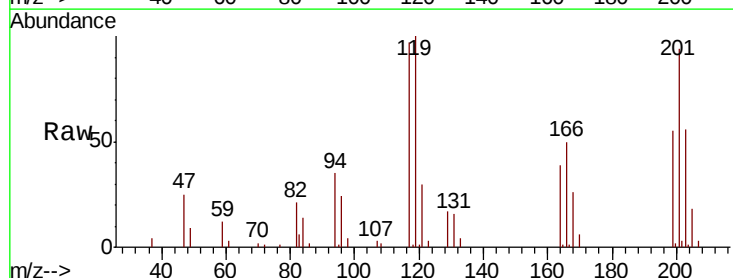
Instrument :
BNA_F
ClientSampleId :

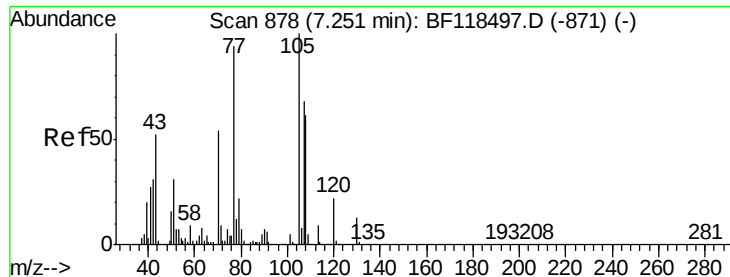
Tot Ion:	107	Resp:	51349
Ion	Ratio	Lower	Upper
107	100		
108	105.5	88.9	133.3
77	49.6	41.2	61.8
79	45.3	41.6	62.4



#18
Hexachloroethane
Concen: 12.857 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:	117	Resp:	28185
Ion	Ratio	Lower	Upper
117	100		
119	103.5	76.2	114.4
201	97.5	67.7	101.5

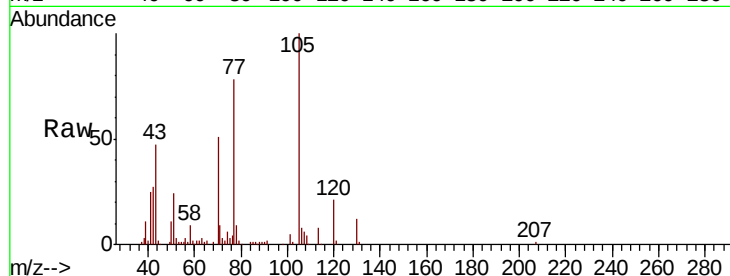




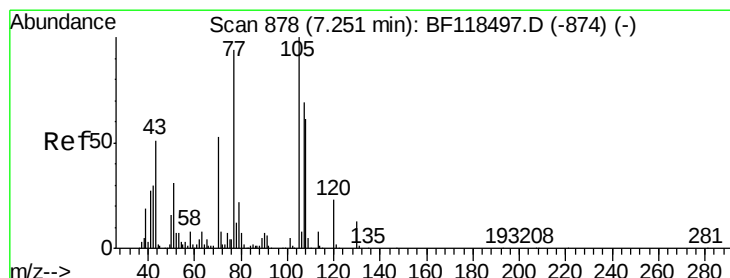
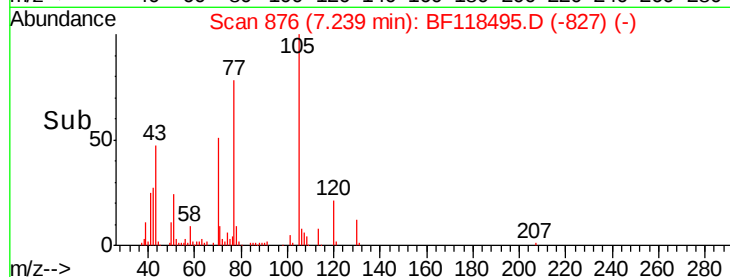
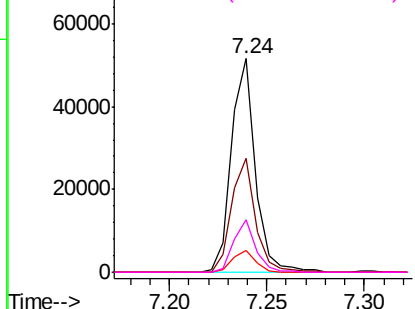
#19
n-Nitroso-di-n-propylamine
Concen: 12.962 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	43951
Ion	Ratio	Lower	Upper
70	100		
42	53.4	45.6	68.4
101	10.5	8.2	12.2
130	24.3	19.2	28.8

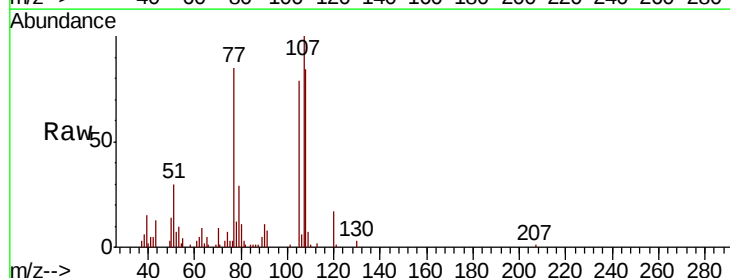


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

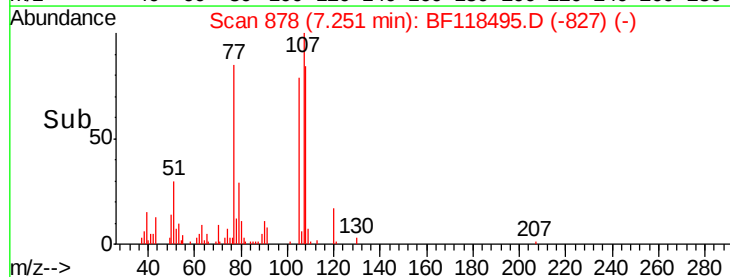
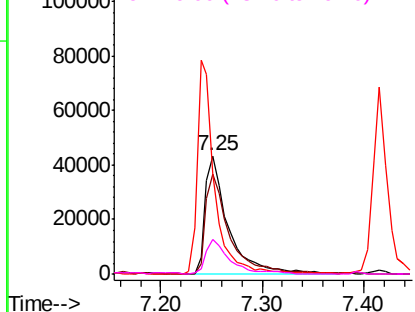


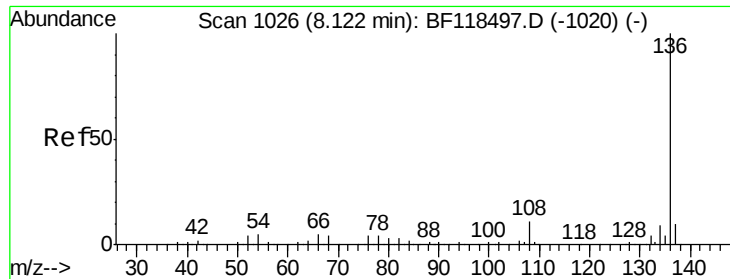
#20
3+4-Methylphenols
Concen: 13.014 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:	107	Resp:	68825
Ion	Ratio	Lower	Upper
107	100		
108	84.4	68.9	108.9
77	84.8	116.8	156.8#
79	28.9	11.7	51.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 307715

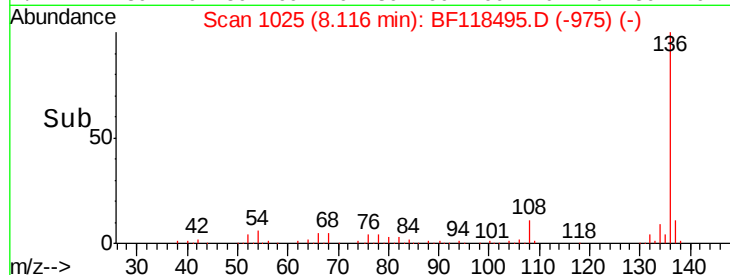
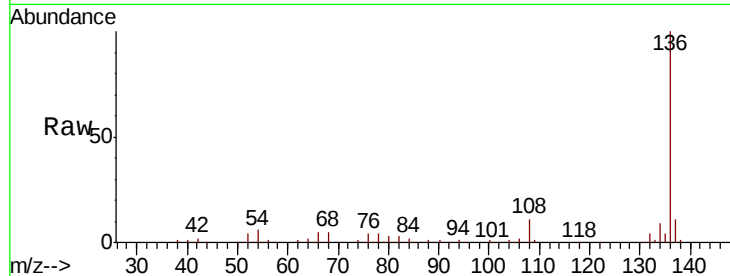
Ion Ratio Lower Upper

136 100

137 11.0 8.3 12.5

54 6.3 4.2 6.2#

68 4.6 3.3 4.9

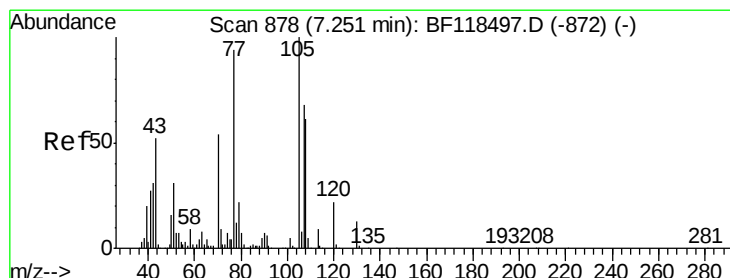
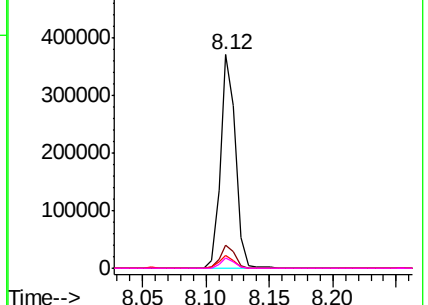


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 12.138 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Tgt Ion:105 Resp: 95782

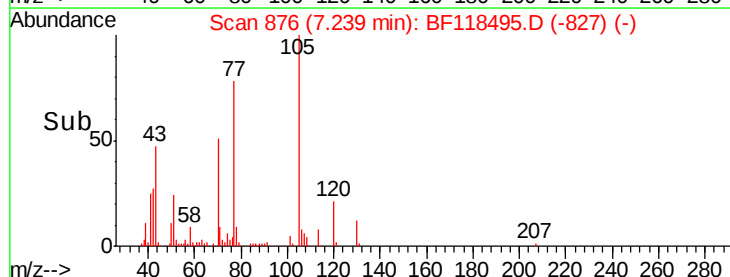
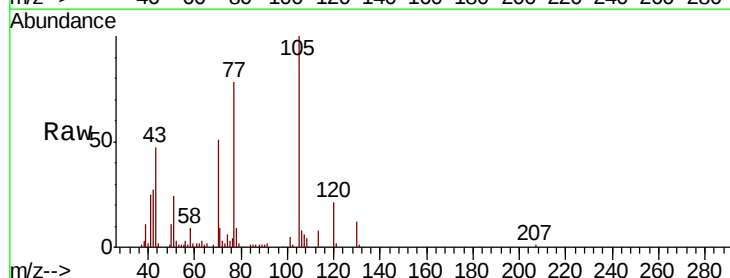
Ion Ratio Lower Upper

105 100

71 8.7 6.9 10.3

51 24.4 25.0 37.4#

120 21.4 18.0 27.0

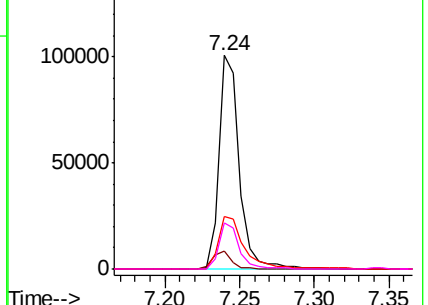


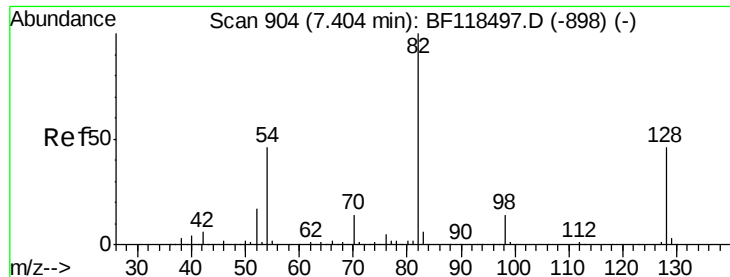
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

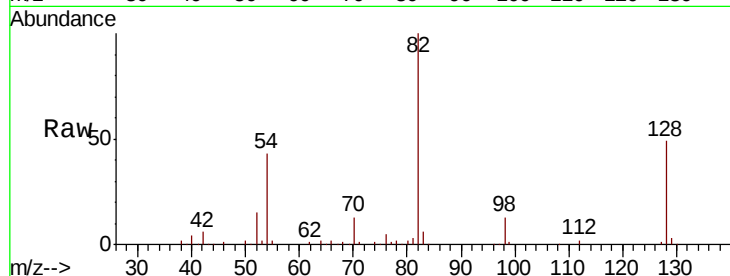




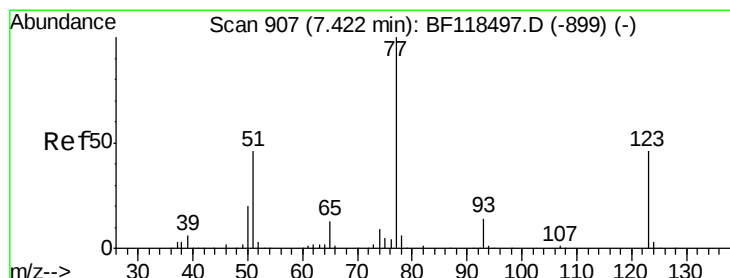
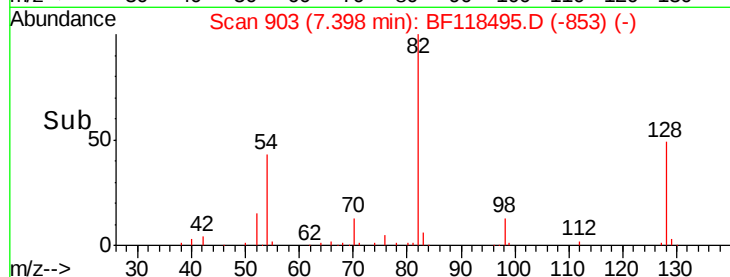
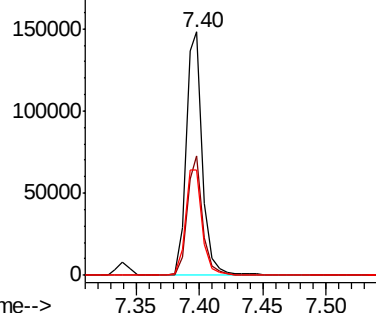
#23
Nitrobenzene-d5
Concen: 23.664 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 134435
Ion Ratio Lower Upper
82 100
128 49.3 36.6 54.8
54 43.5 37.0 55.6

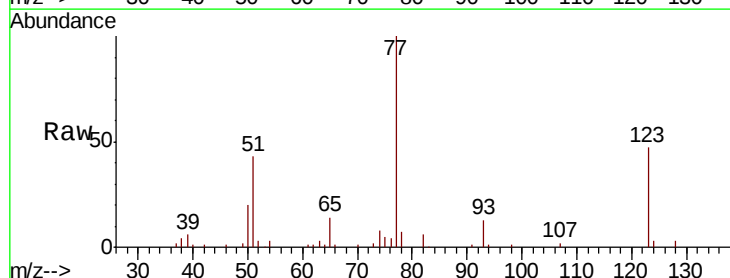


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

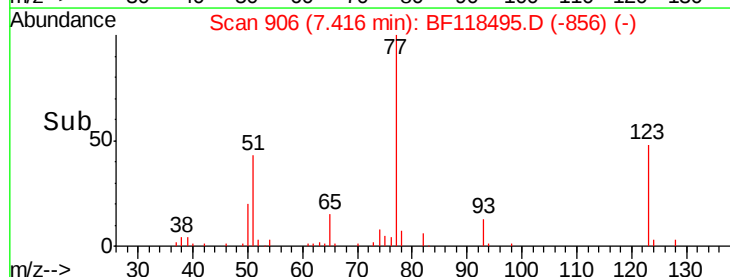
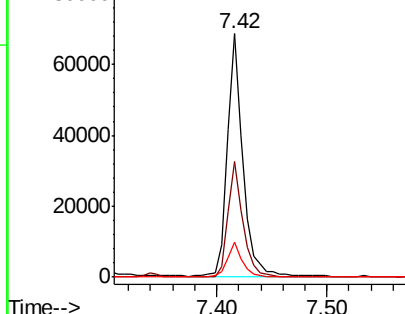


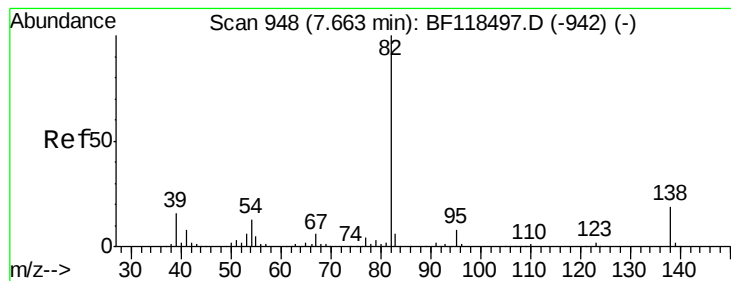
#24
Nitrobenzene
Concen: 12.247 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion: 77 Resp: 68803
Ion Ratio Lower Upper
77 100
123 47.3 37.0 55.4
65 14.4 10.7 16.1



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: 11.361 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampleId :

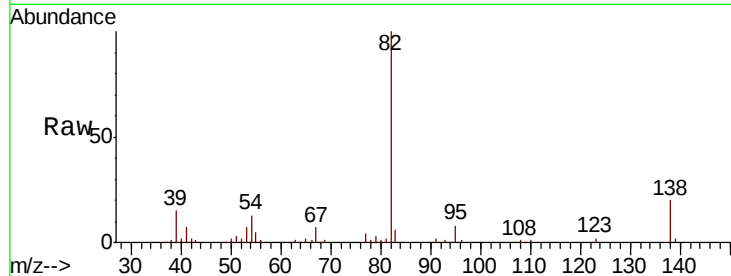
Tot Ion: 82 Resp: 110031

Ion Ratio Lower Upper

82 100

95 8.0 6.6 9.8

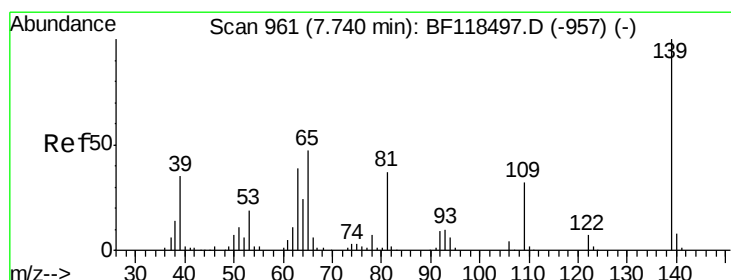
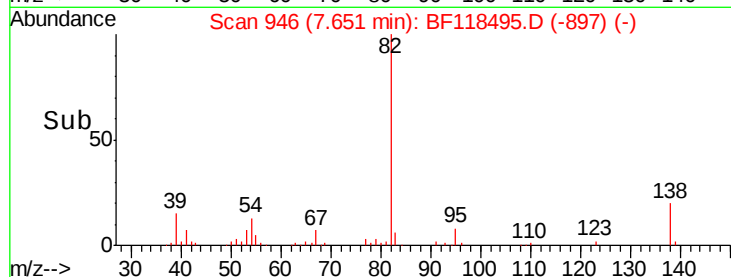
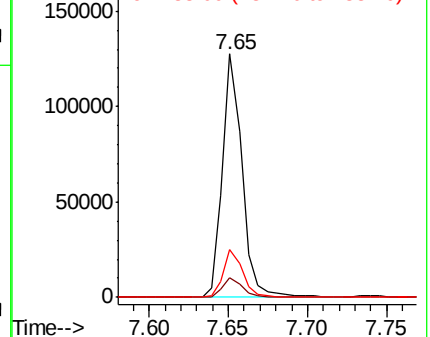
138 19.5 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 11.051 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

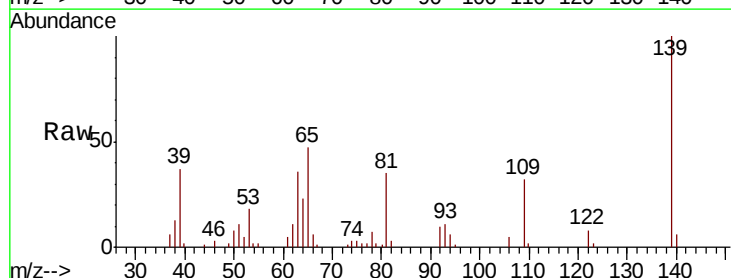
Tgt Ion: 139 Resp: 33180

Ion Ratio Lower Upper

139 100

109 32.4 25.7 38.5

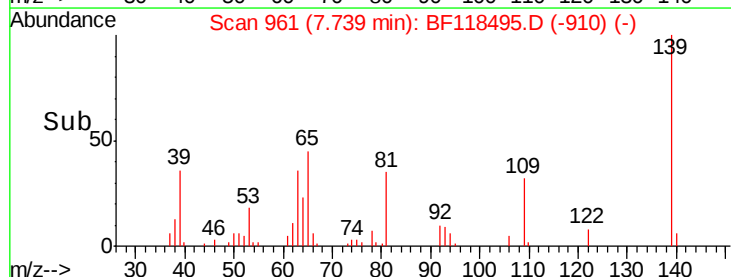
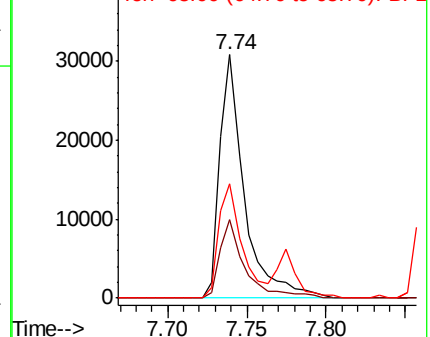
65 46.9 37.8 56.6

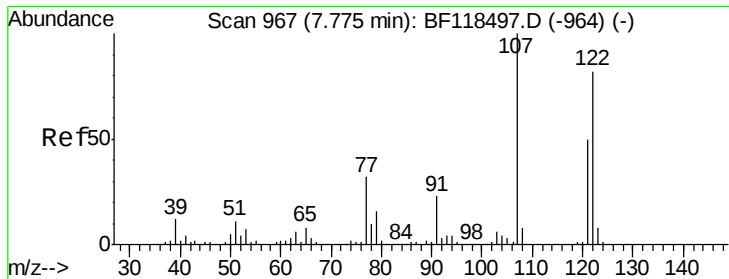


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 11.480 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampled :

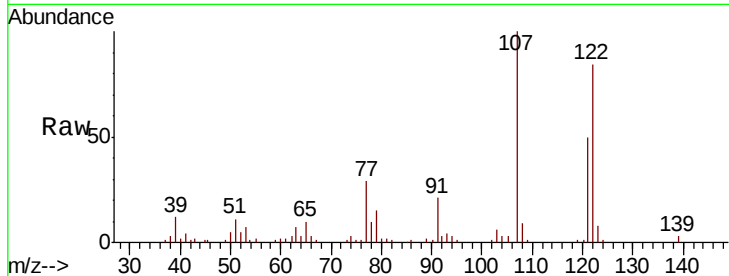
Tot Ion:122 Resp: 45130

Ion Ratio Lower Upper

122 100

107 119.0 97.9 146.9

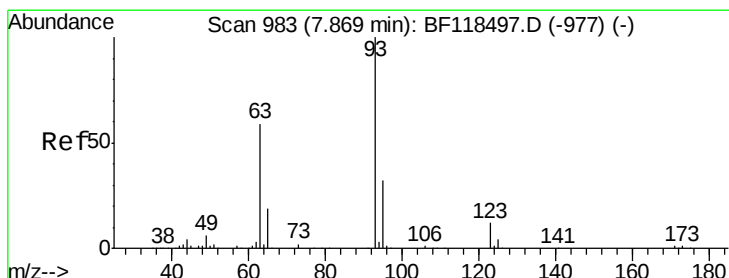
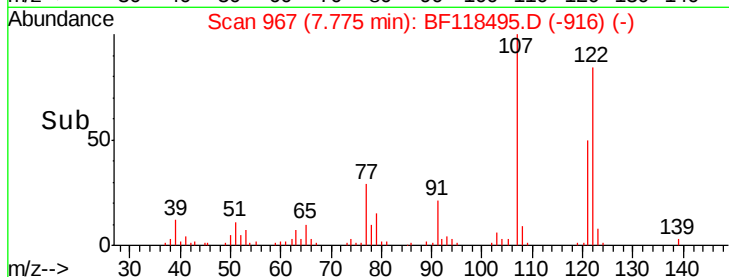
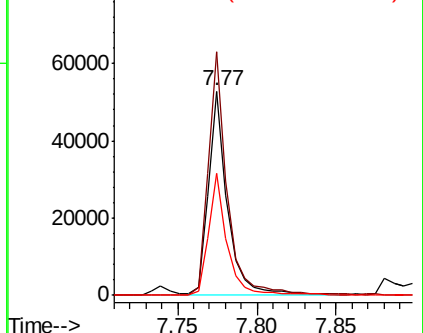
121 59.7 49.0 73.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 11.270 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

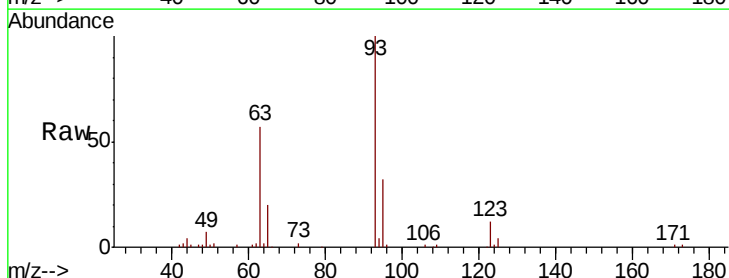
Tgt Ion: 93 Resp: 69052

Ion Ratio Lower Upper

93 100

95 31.8 25.9 38.9

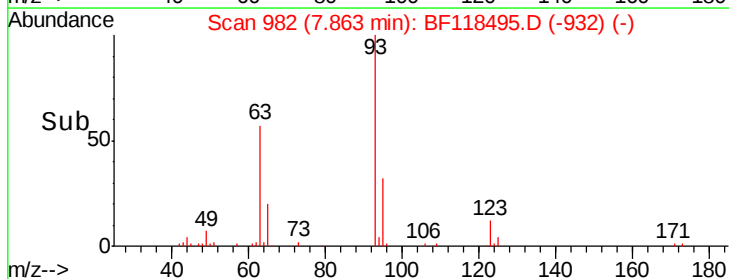
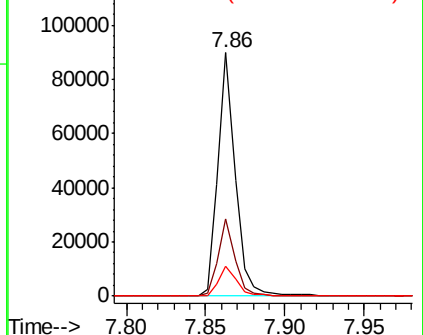
123 12.3 9.7 14.5

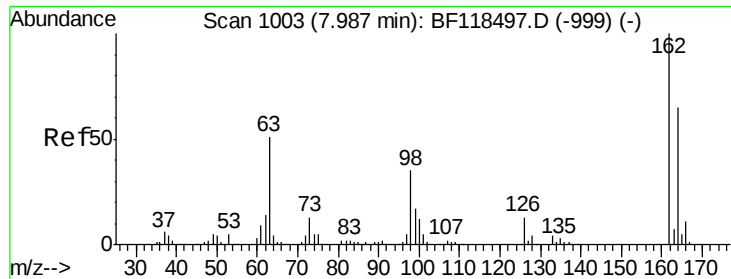


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

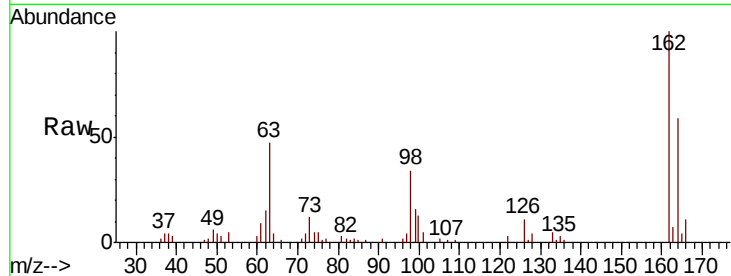




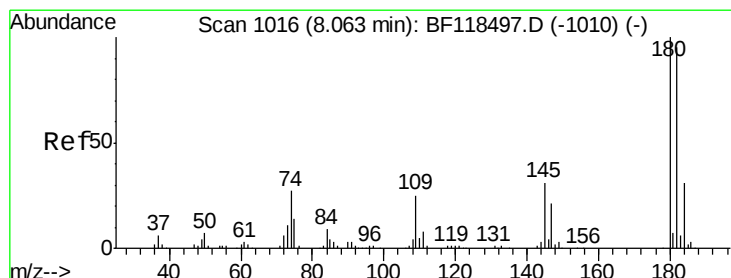
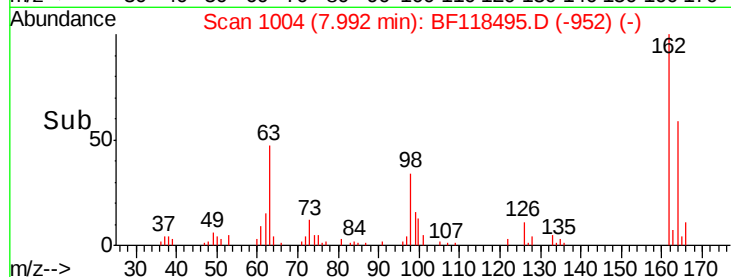
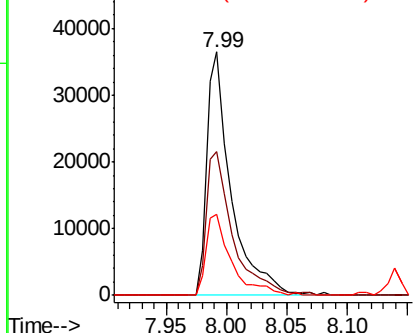
#29
 2,4-Dichlorophenol
 Concen: 10.929 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.3	44.8	84.8
98	33.5	15.1	55.1

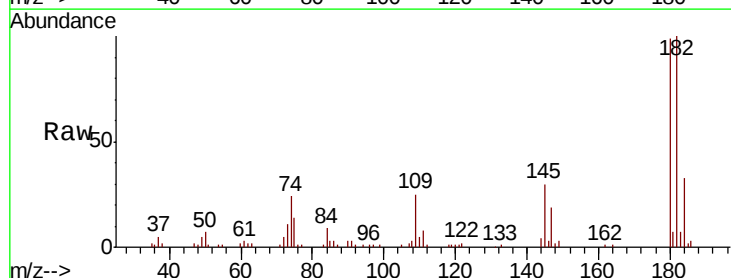


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

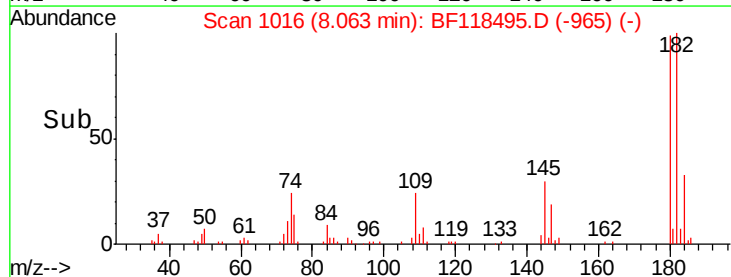
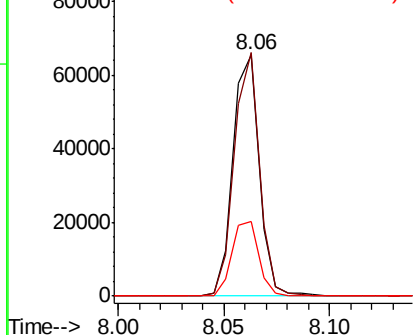


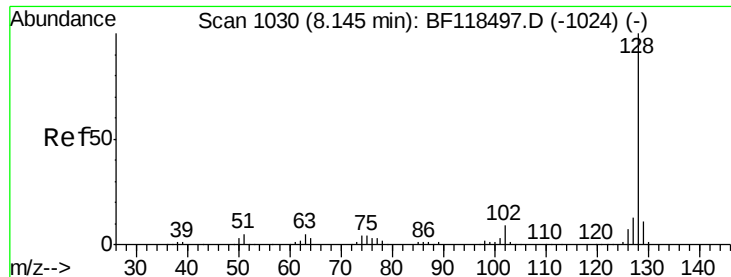
#30
 1,2,4-Trichlorobenzene
 Concen: 10.226 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.0	75.8	113.6
145	30.8	25.0	37.6



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

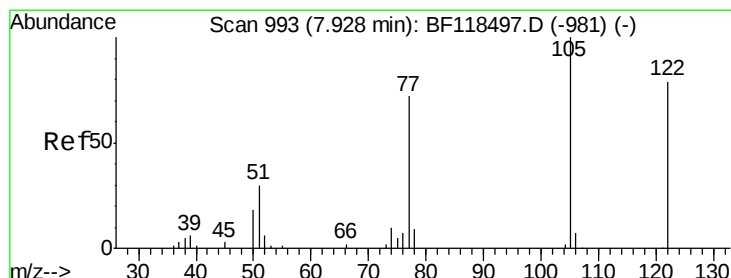
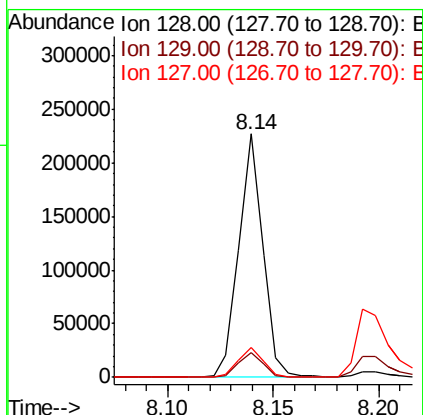
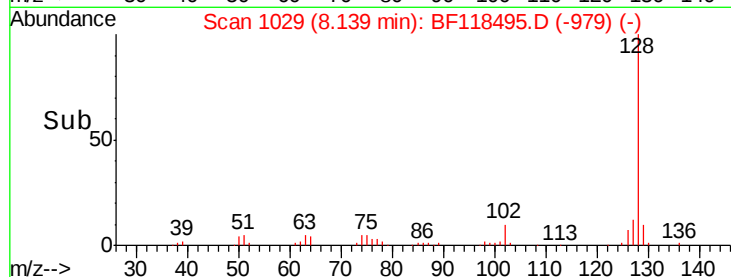
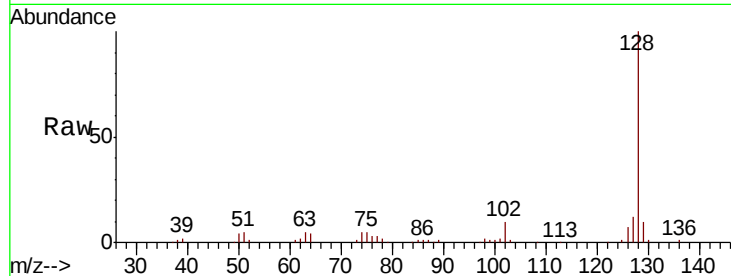




#31
Naphthalene
Concen: 11.083 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

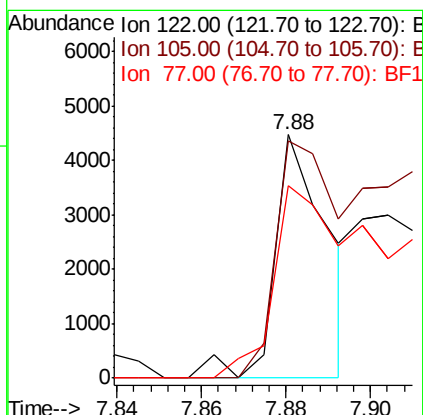
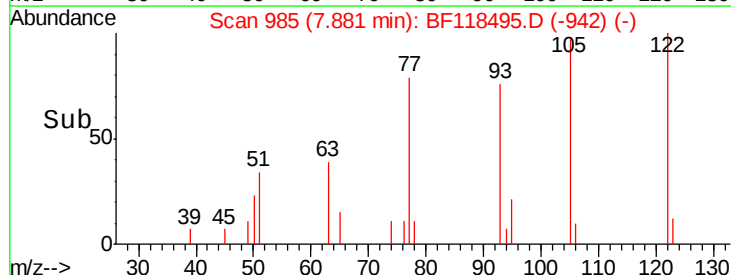
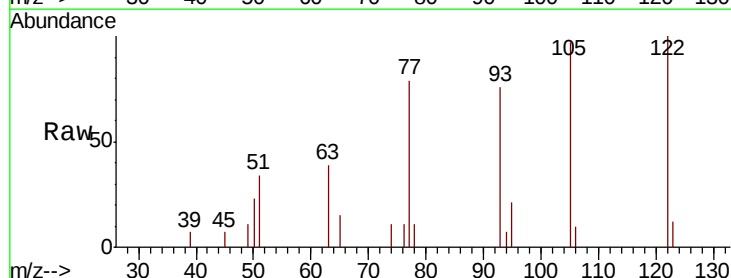
Instrument :
BNA_F
ClientSampleId :

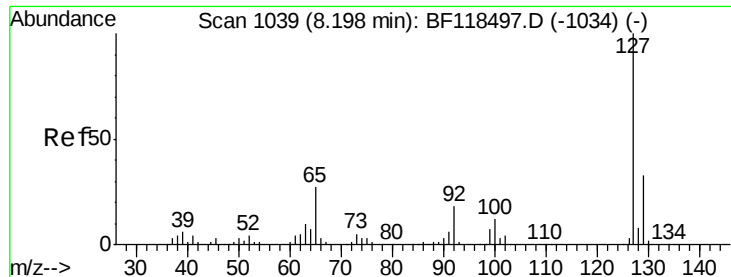
Tot Ion:128 Resp: 179354
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 12.5 10.7 16.1



#32
Benzoic acid
Concen: 1.418 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.05 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:122 Resp: 3884
Ion Ratio Lower Upper
122 100
105 97.4 105.7 145.7#
77 79.2 71.0 111.0

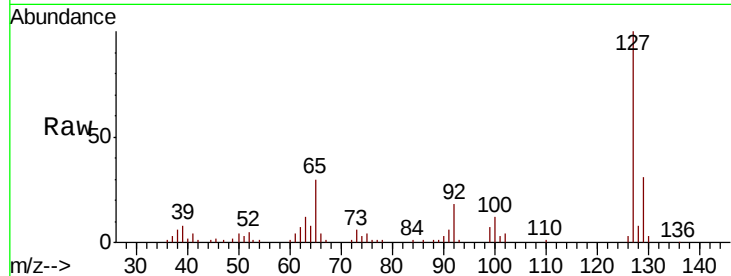




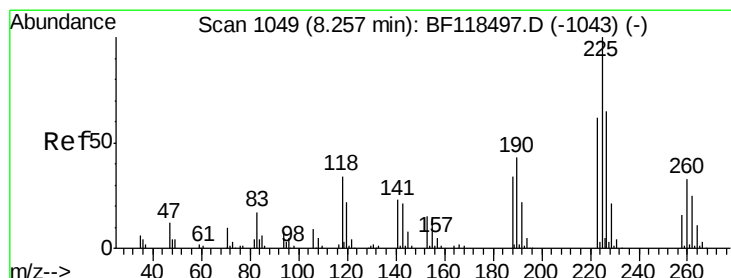
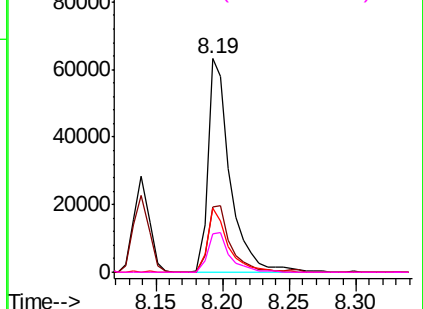
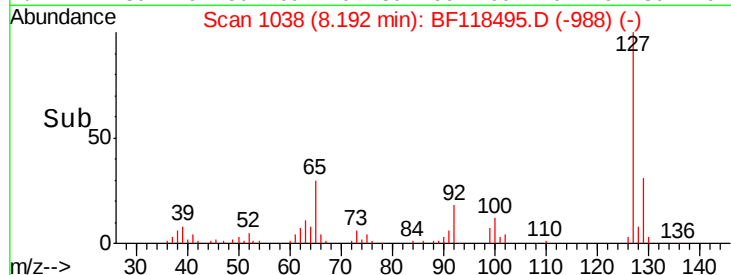
#33
4-Chloroaniline
Concen: 10.840 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	73561
Ion Ratio	Lower	Upper
127	100	
129	30.9	26.2 39.4
65	30.1	21.6 32.4
92	18.2	14.3 21.5

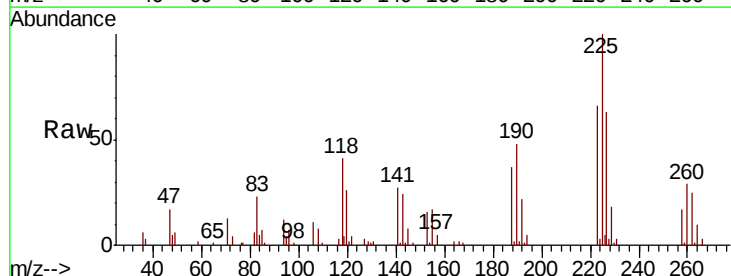


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

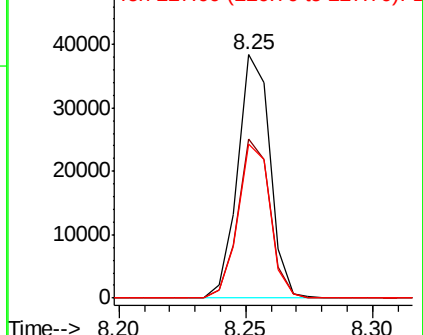
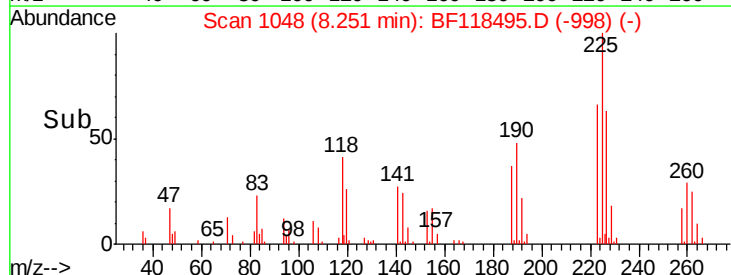


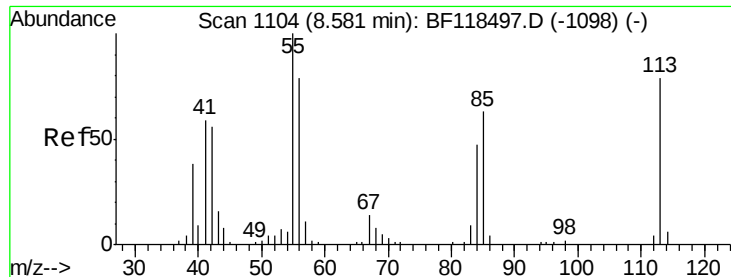
#34
Hexachlorobutadiene
Concen: 10.418 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:225	Resp:	34092
Ion Ratio	Lower	Upper
225	100	
223	65.5	49.9 74.9
227	63.4	51.8 77.6



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

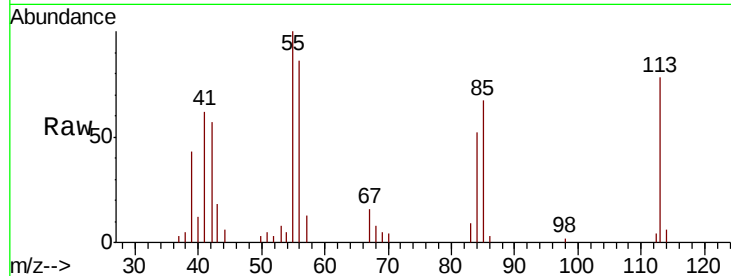




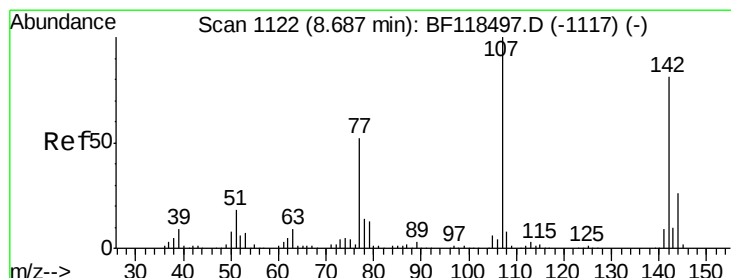
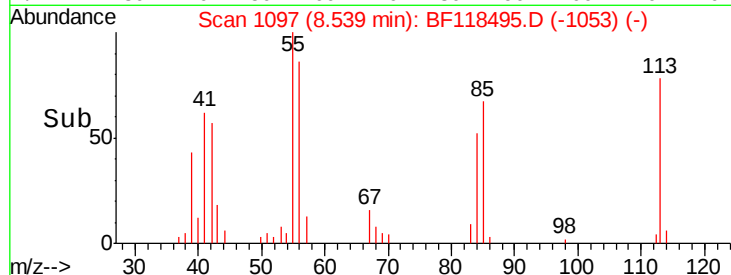
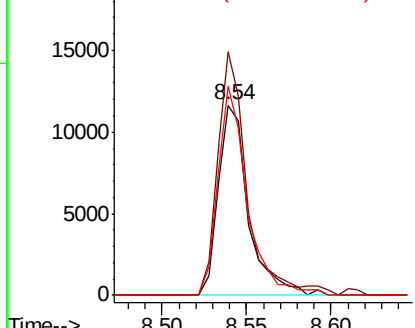
#35
Caprolactam
Concen: 9.885 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.04 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 14465
Ion Ratio Lower Upper
113 100
55 127.8 106.5 146.5
56 110.1 80.1 120.1

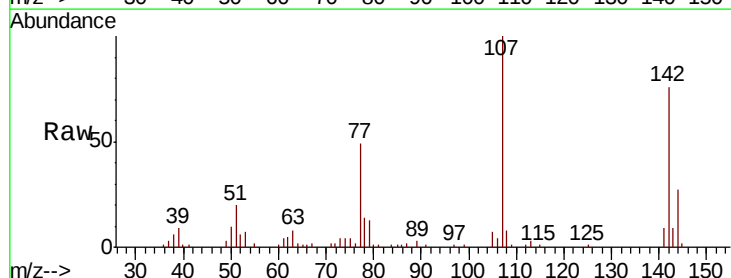


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

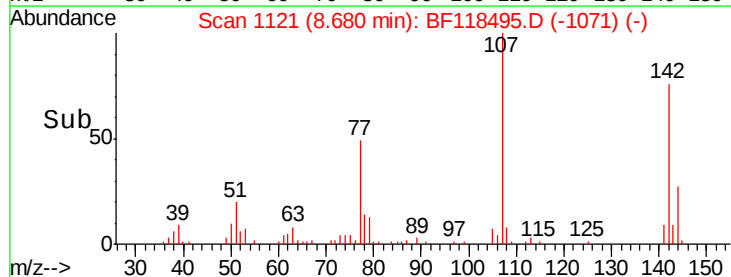
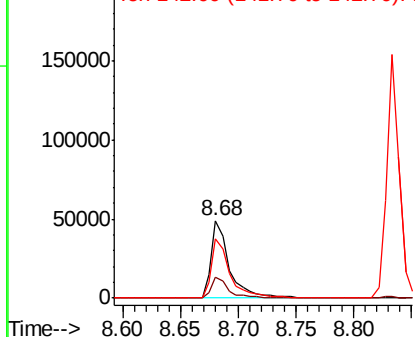


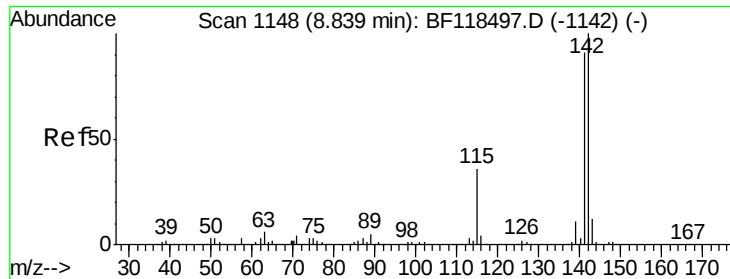
#36
4-Chloro-3-methylphenol
Concen: 11.026 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:107 Resp: 53783
Ion Ratio Lower Upper
107 100
144 27.1 20.6 31.0
142 75.9 65.0 97.4



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

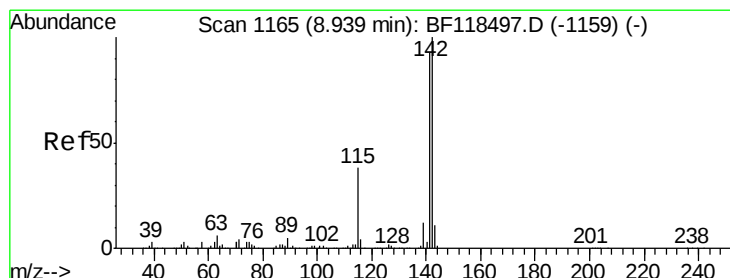
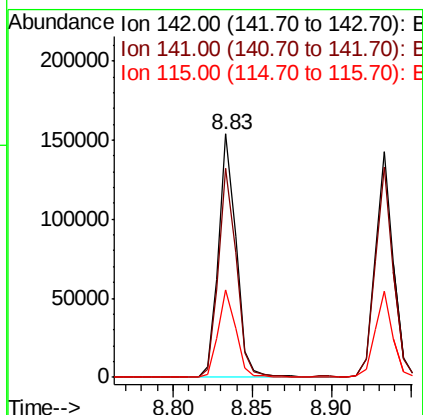
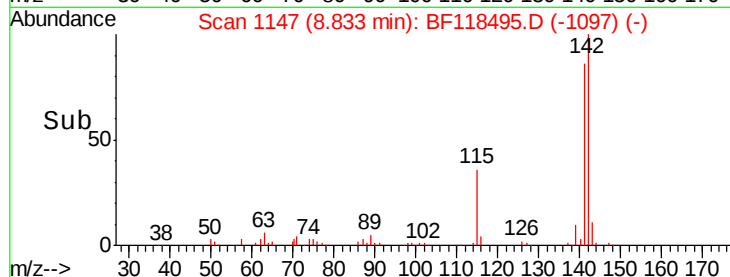
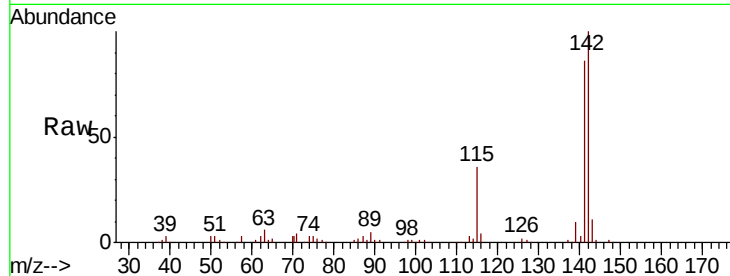




#37
2-Methylnaphthalene
Concen: 10.822 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

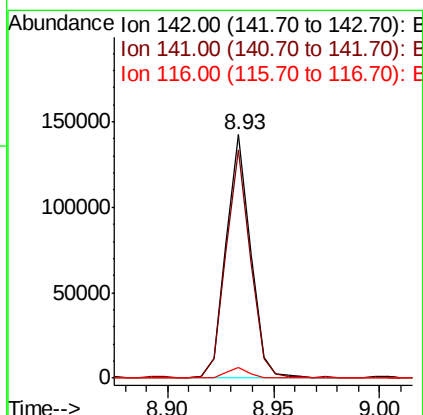
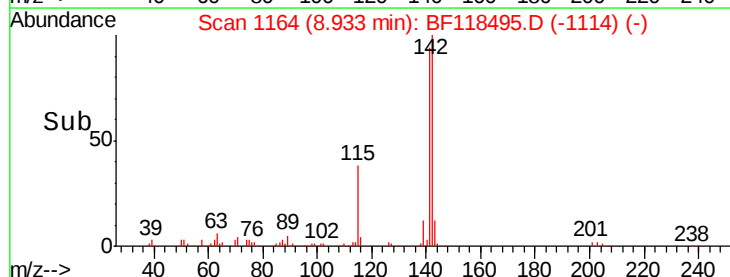
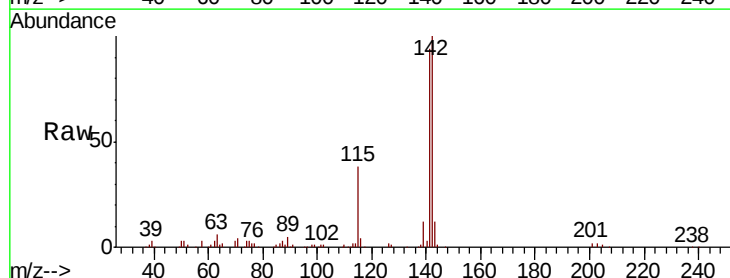
Instrument :
BNA_F
ClientSampleId :

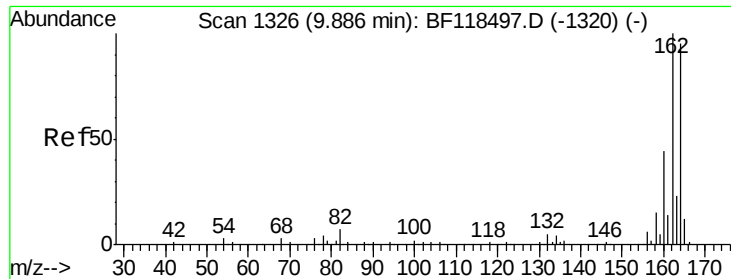
Tot Ion:142 Resp: 119722
Ion Ratio Lower Upper
142 100
141 86.1 73.0 109.6
115 35.8 28.4 42.6



#38
1-Methylnaphthalene
Concen: 10.830 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:142 Resp: 114668
Ion Ratio Lower Upper
142 100
141 93.6 74.3 111.5
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampleId :

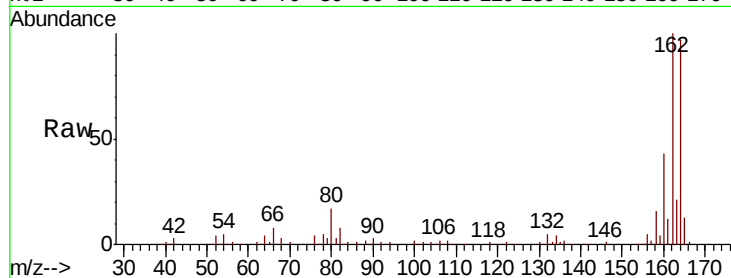
Tot Ion:164 Resp: 170682

Ion Ratio Lower Upper

164 100

162 102.7 84.2 126.4

160 44.6 36.8 55.2

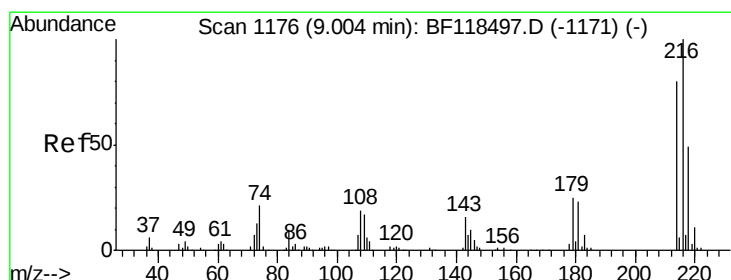
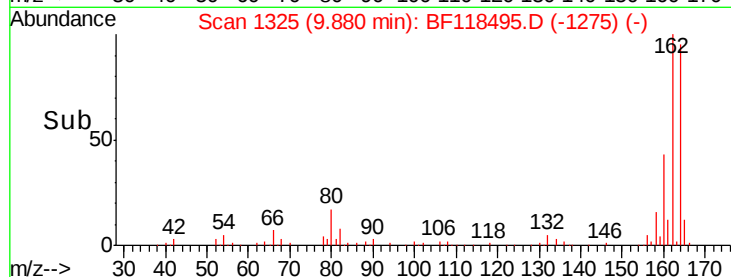
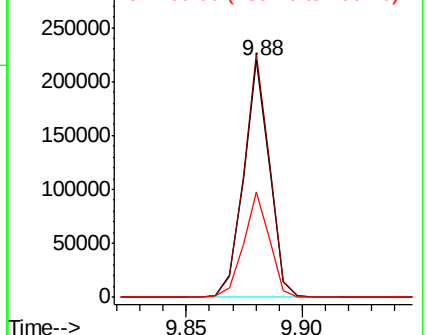


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.837 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Tgt Ion:216 Resp: 55956

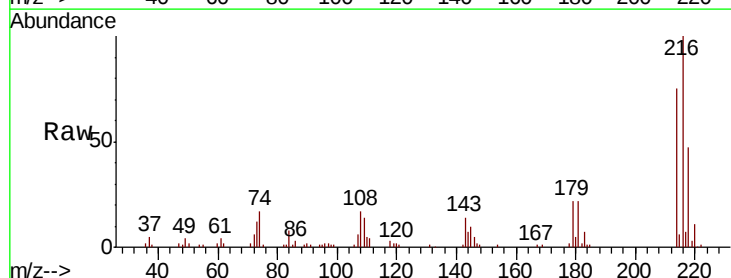
Ion Ratio Lower Upper

216 100

214 77.0 62.4 93.6

179 22.9 18.7 28.1

108 17.7 15.3 22.9



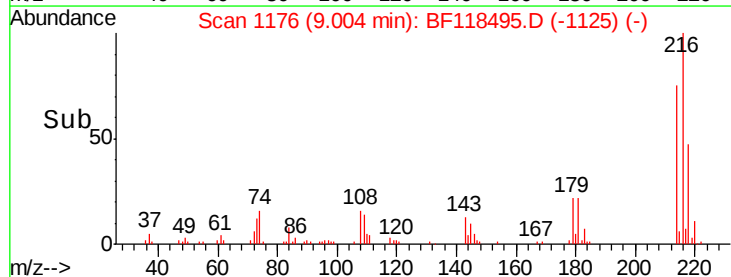
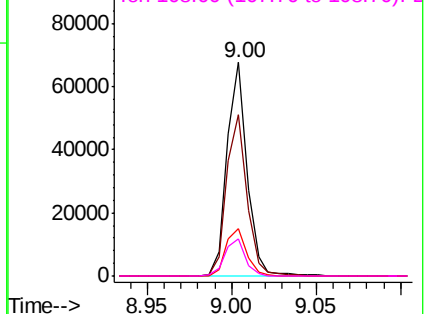
Abundance

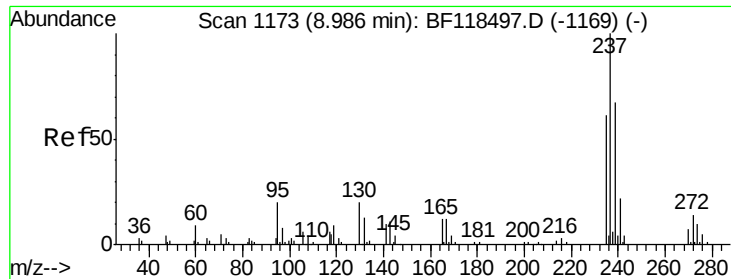
Ion 216.00 (215.70 to 216.70): E

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

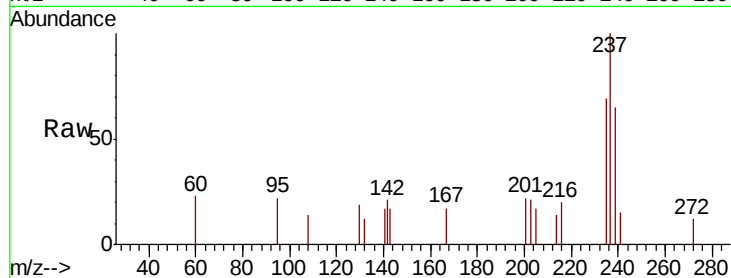




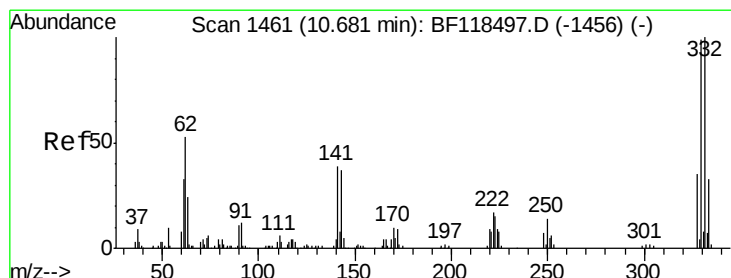
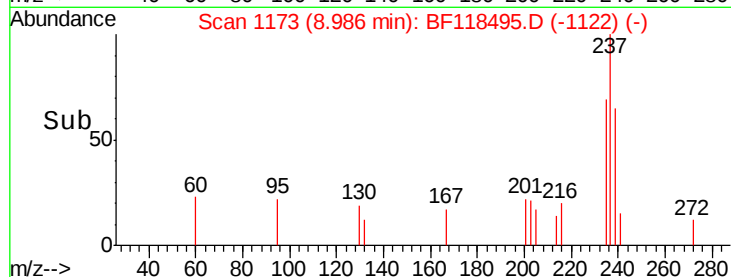
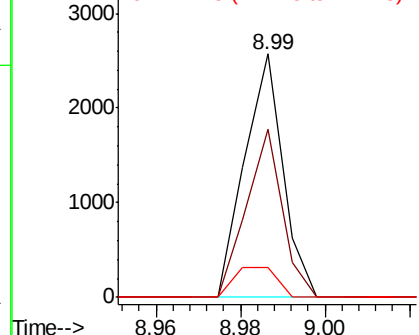
#41
Hexachlorocyclopentadiene
Concen: 1.723 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 237 Resp: 1610
Ion Ratio Lower Upper
237 100
235 68.9 40.8 80.8
272 12.0 0.0 34.2

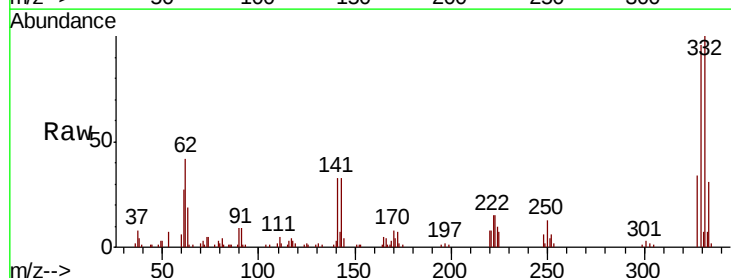


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

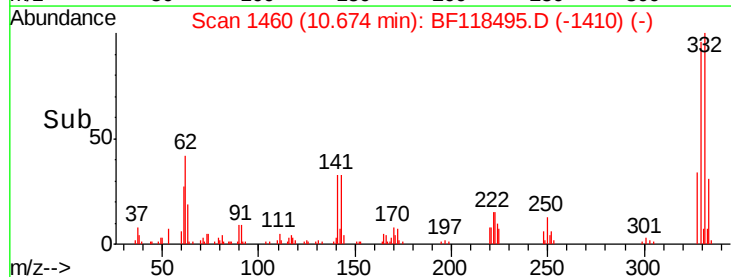
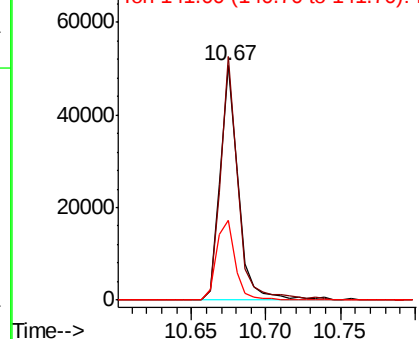


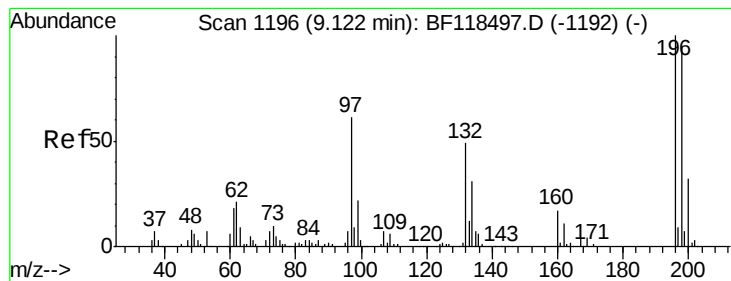
#42
2,4,6-Tribromophenol
Concen: 20.747 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion: 330 Resp: 43126
Ion Ratio Lower Upper
330 100
332 99.5 77.9 116.9
141 35.1 28.6 43.0



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

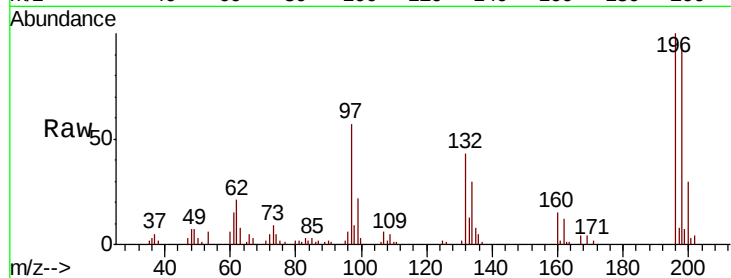




#43
 2,4,6-Trichlorophenol
 Concen: 9.796 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 32305
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.4
 200 30.1 25.2 37.8

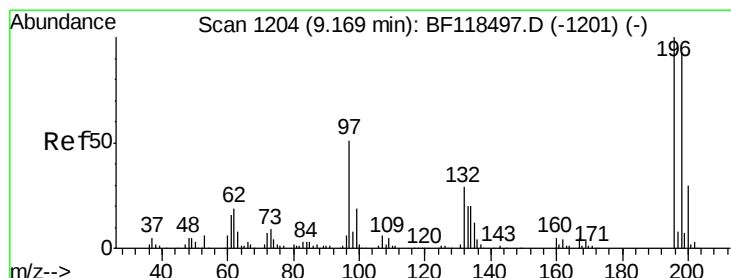
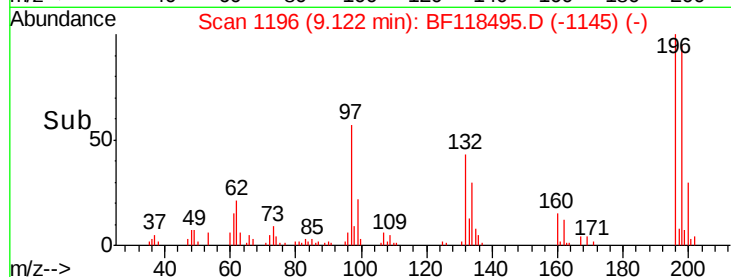
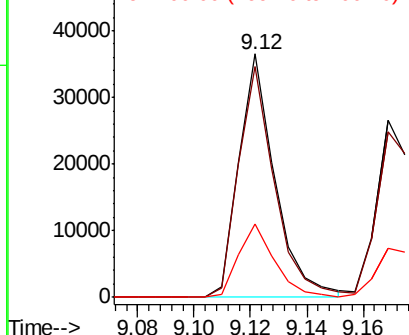


Abundance

Ion 196.00 (195.70 to 196.70): E

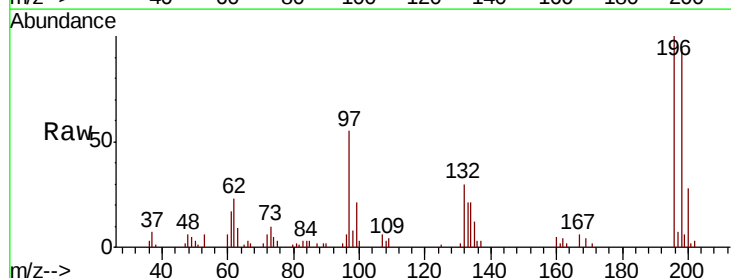
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 9.914 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion:196 Resp: 33281
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.7 112.1
 97 55.2 40.7 61.1
 132 29.7 23.7 35.5



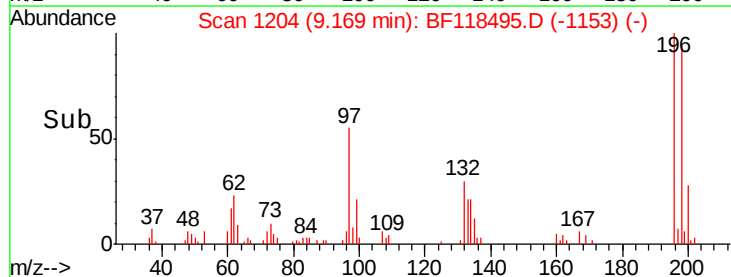
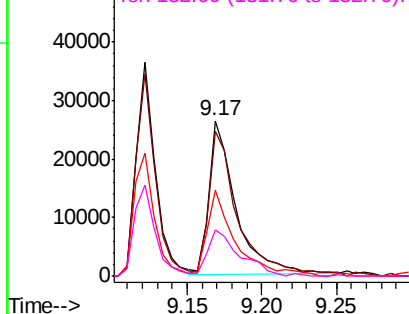
Abundance

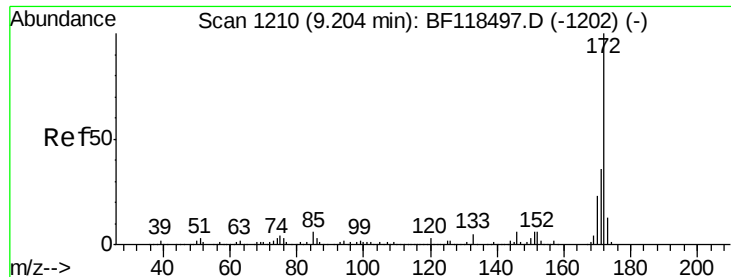
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

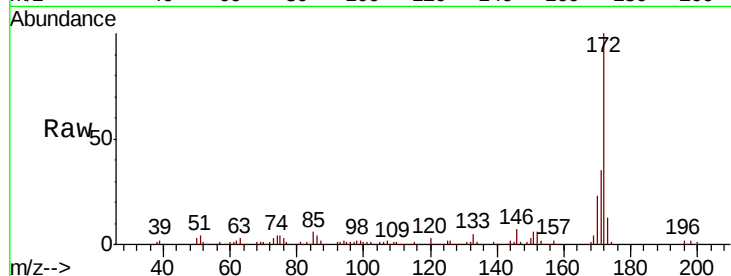




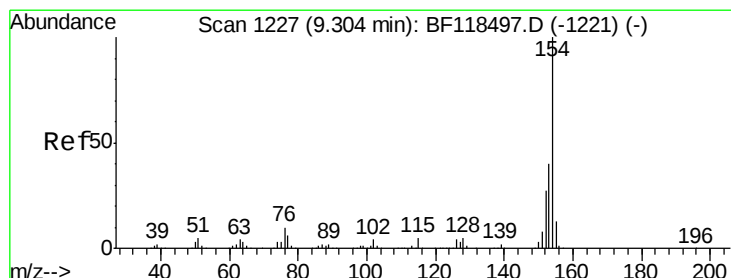
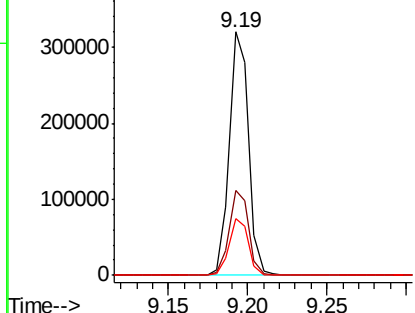
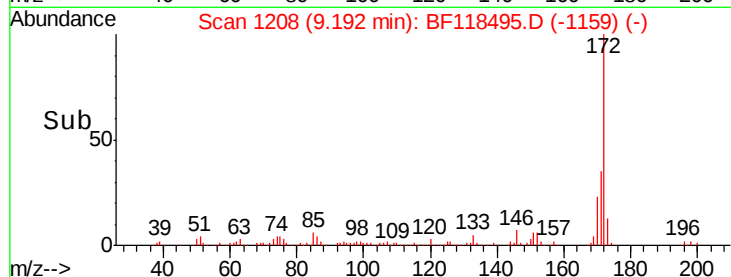
#45
 2-Fluorobiphenyl
 Concen: 23.261 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 268938
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 23.2 18.6 27.8

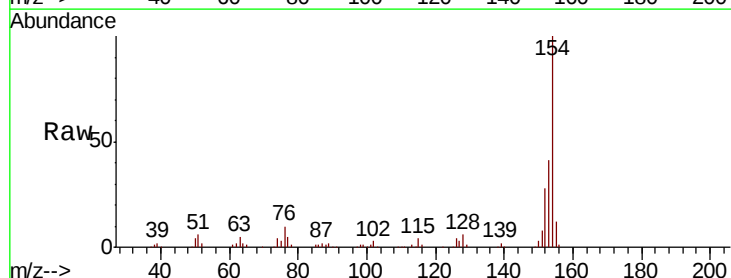


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

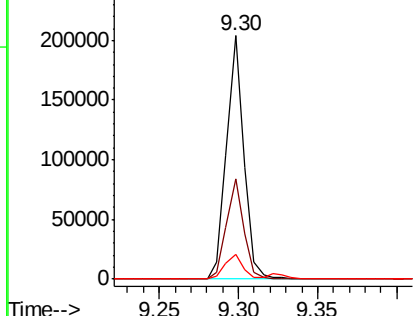
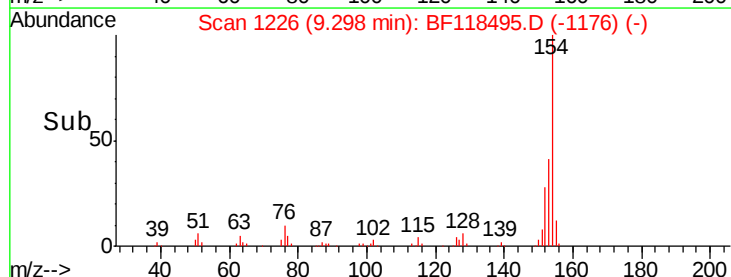


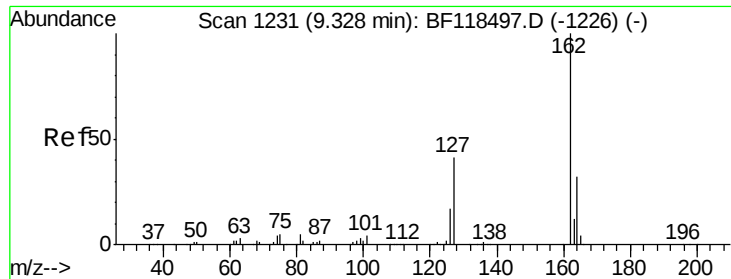
#46
 1,1'-Biphenyl
 Concen: 11.296 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion:154 Resp: 154329
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.2 60.2
 76 10.0 0.0 30.4



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

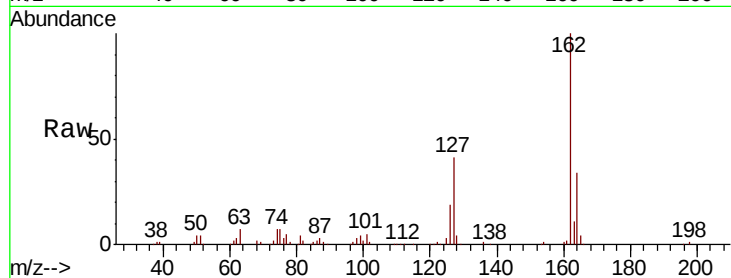




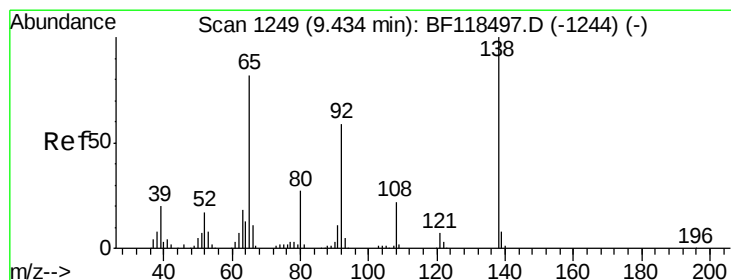
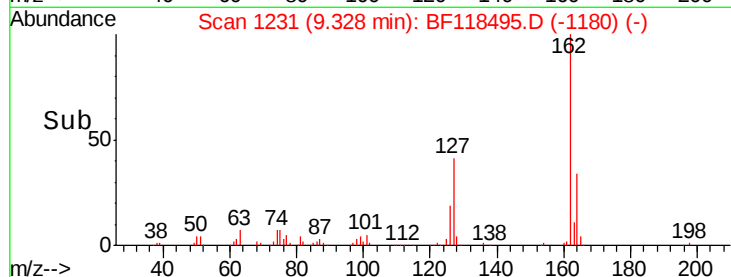
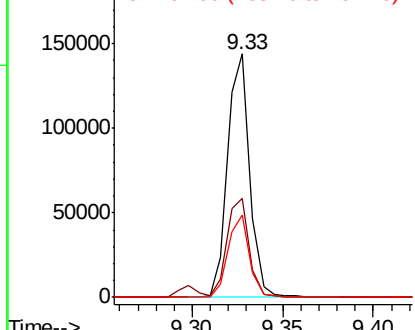
#47
 2-Chloronaphthalene
 Concen: 11.221 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	35.5	53.3
164	33.6	25.8	38.8

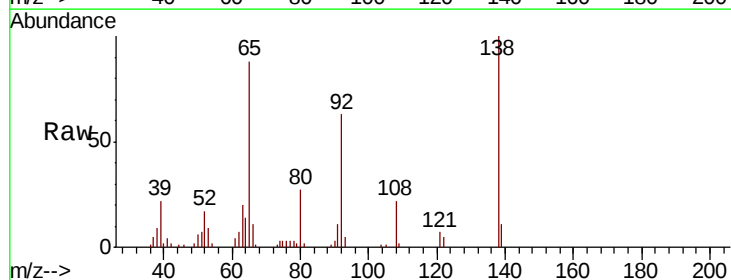


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

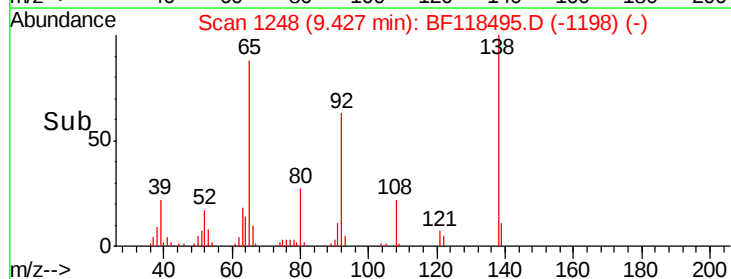
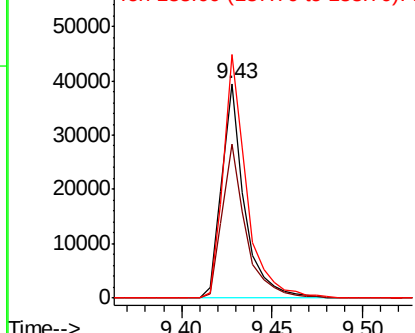


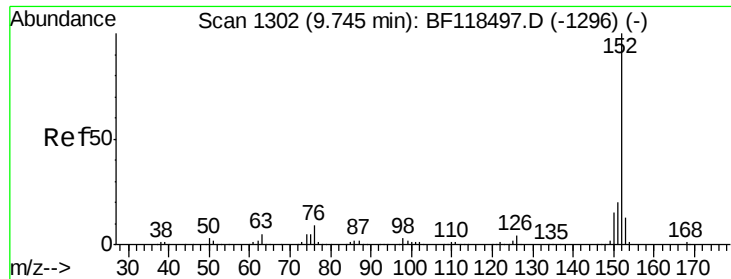
#48
 2-Nitroaniline
 Concen: 10.848 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.7	86.5
138	113.7	97.2	145.8



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: 10.821 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampled :

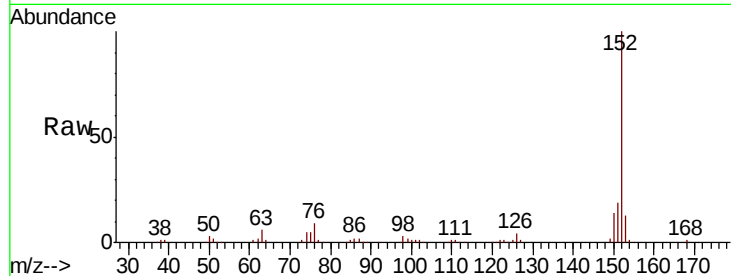
Tot Ion:152 Resp: 176169

Ion Ratio Lower Upper

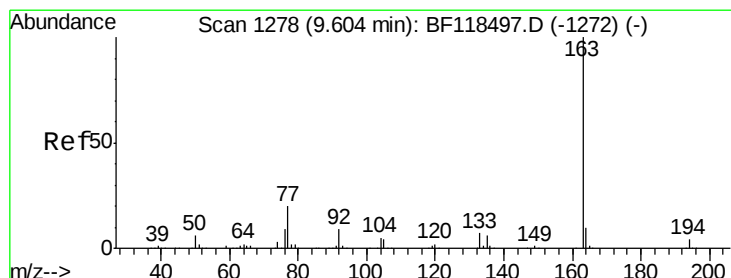
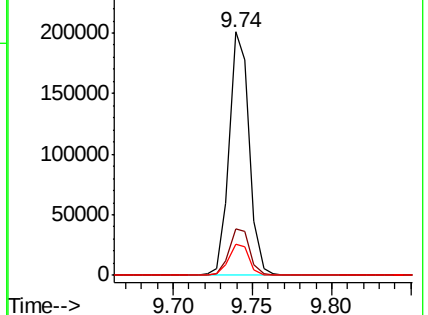
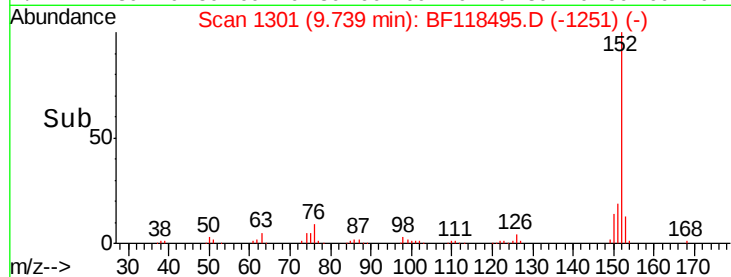
152 100

151 19.3 16.3 24.5

153 13.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 10.278 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

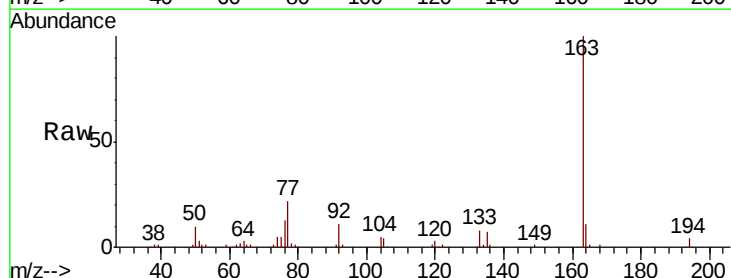
Tgt Ion:163 Resp: 135047

Ion Ratio Lower Upper

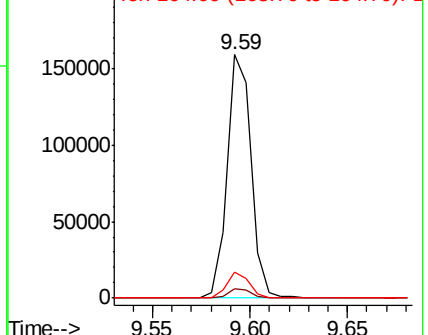
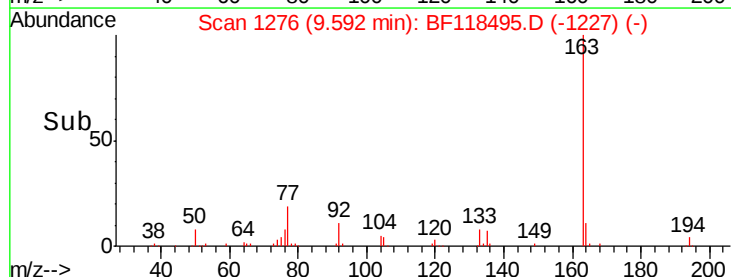
163 100

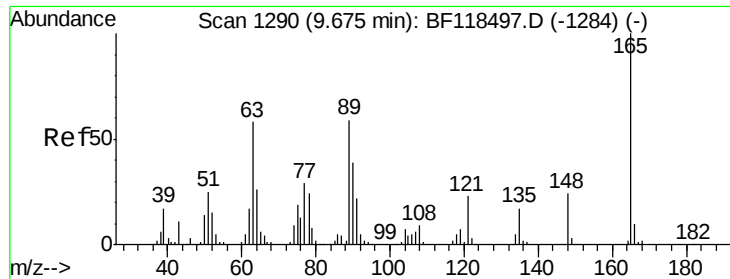
194 3.9 3.0 4.6

164 10.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 10.847 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampled :

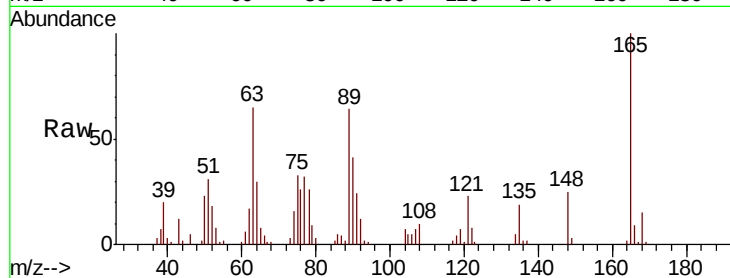
Tot Ion:165 Resp: 29208

Ion Ratio Lower Upper

165 100

63 64.9 46.6 70.0

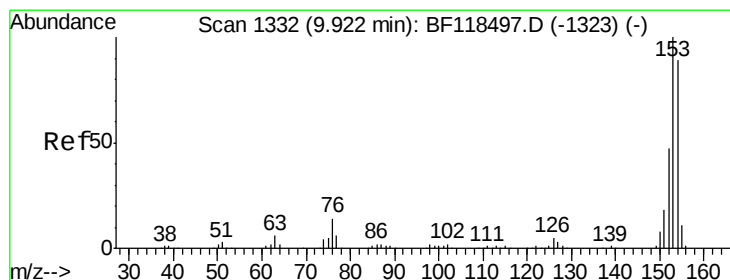
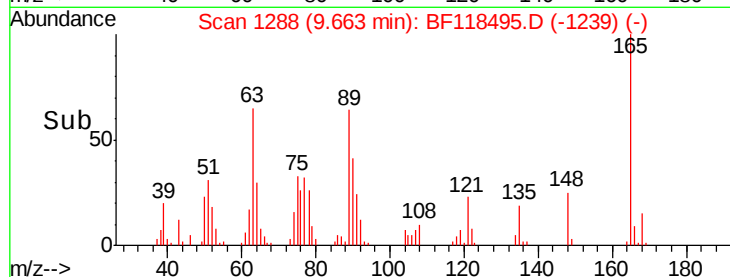
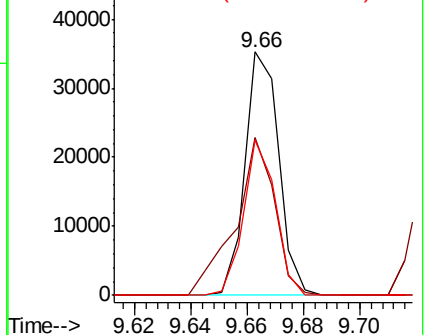
89 63.8 47.5 71.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 10.582 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

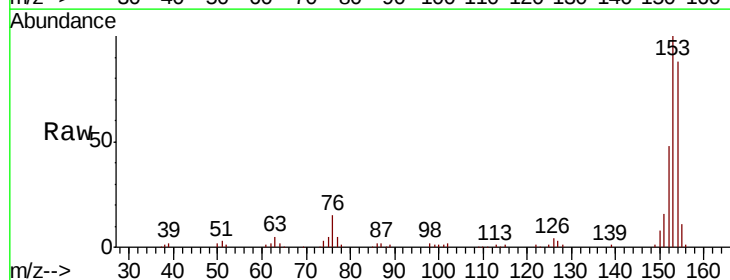
Tgt Ion:154 Resp: 108482

Ion Ratio Lower Upper

154 100

153 113.3 89.7 134.5

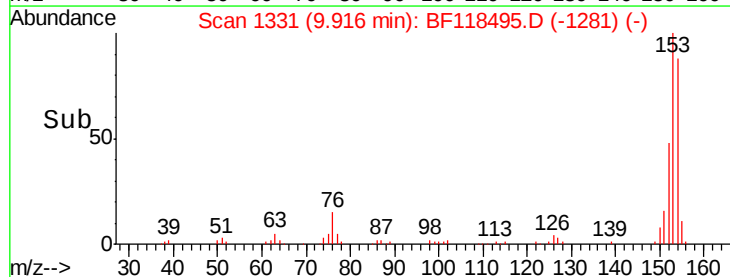
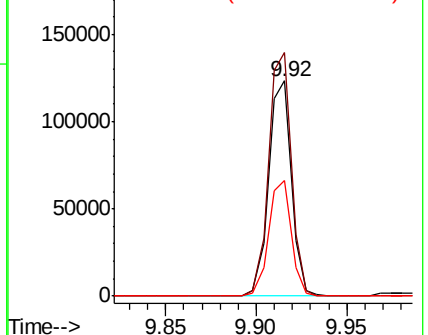
152 53.9 41.9 62.9

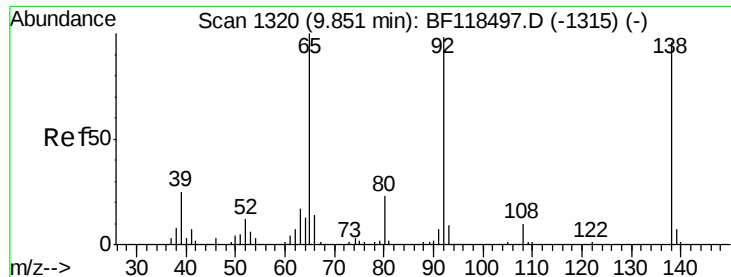


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

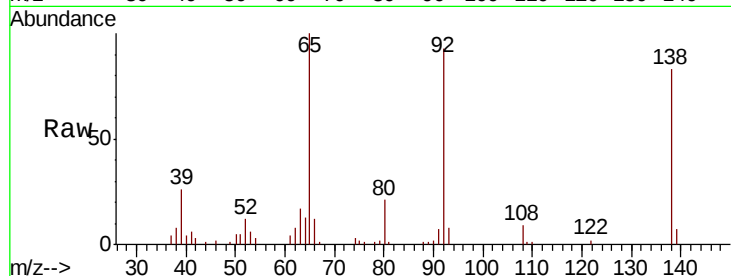




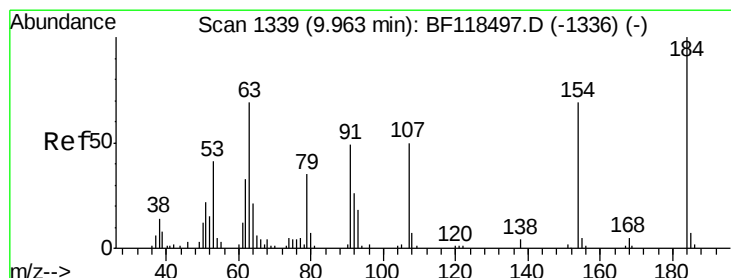
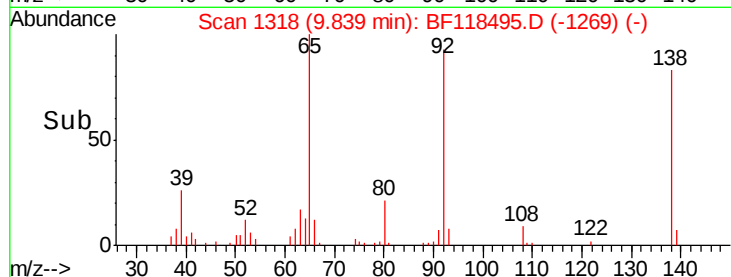
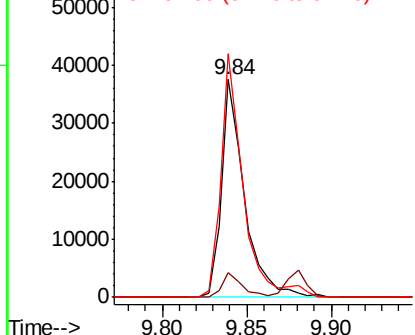
#53
 3-Nitroaniline
 Concen: 10.775 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 35514
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.1 12.1
 92 111.7 81.6 122.4

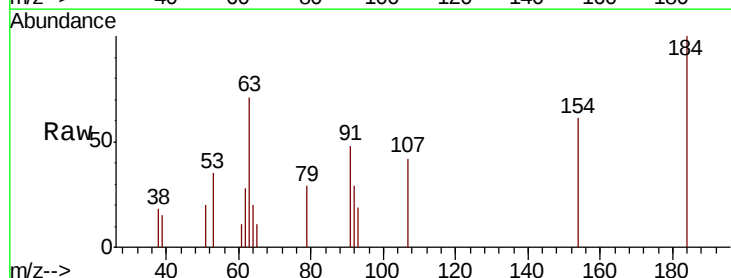


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

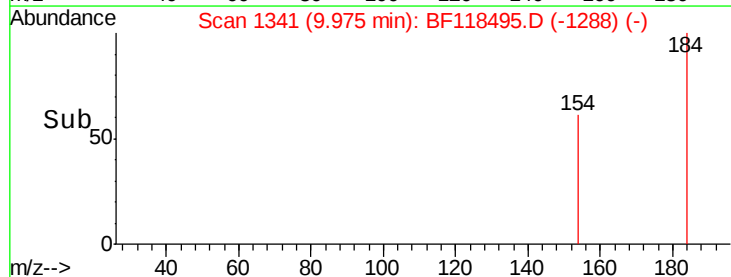
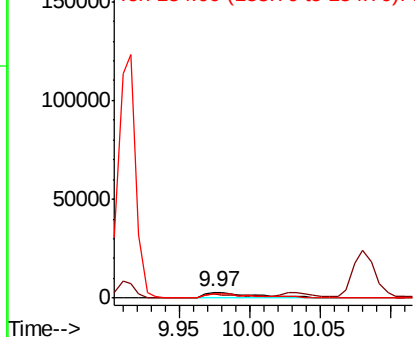


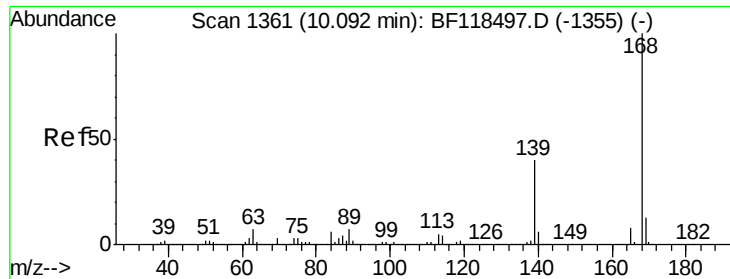
#54
 2,4-Dinitrophenol
 Concen: 6.577 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion:184 Resp: 7491
 Ion Ratio Lower Upper
 184 100
 63 70.7 55.3 82.9
 154 60.8 55.0 82.4



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

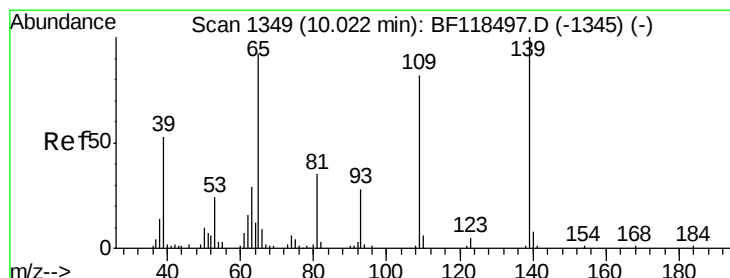
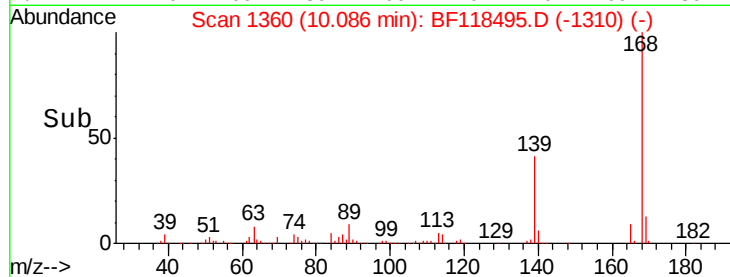
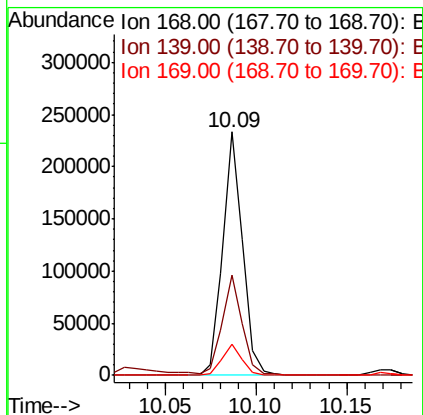
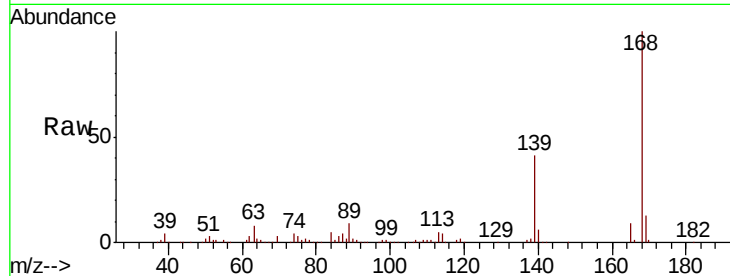




#55
Dibenzenofuran
Concen: 12.234 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

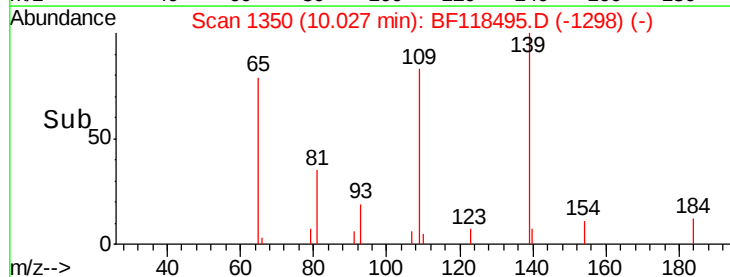
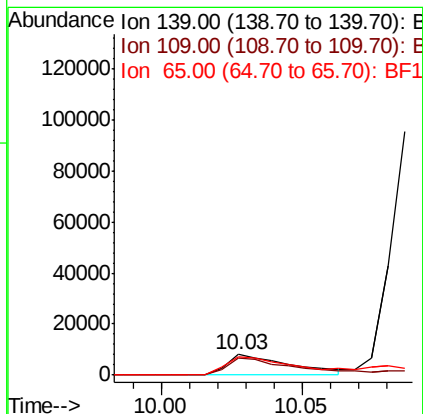
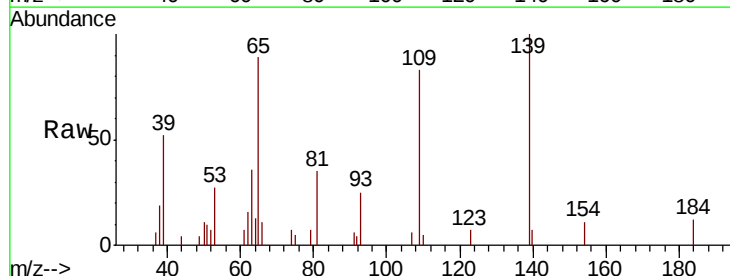
Instrument :
BNA_F
ClientSampleId :

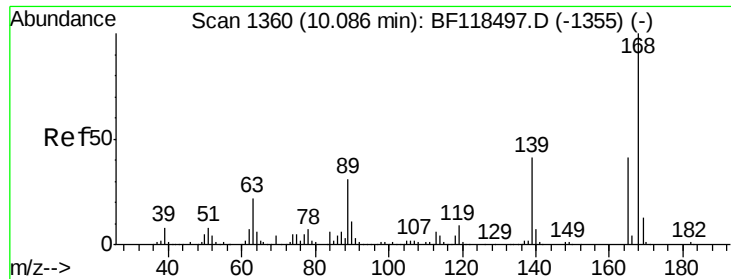
Tot Ion:168 Resp: 177559
Ion Ratio Lower Upper
168 100
139 40.9 32.5 48.7
169 12.7 10.6 16.0



#56
4-Nitrophenol
Concen: 7.848 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:139 Resp: 12440
Ion Ratio Lower Upper
139 100
109 83.4 62.2 102.2
65 89.3 72.8 112.8

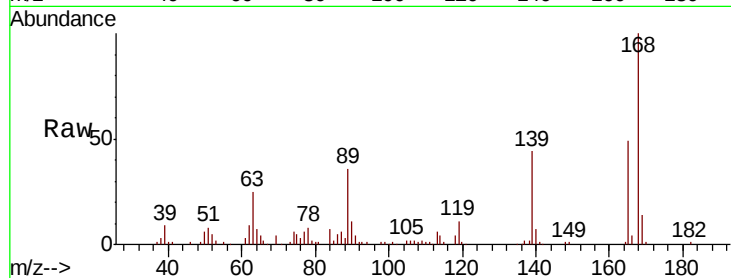




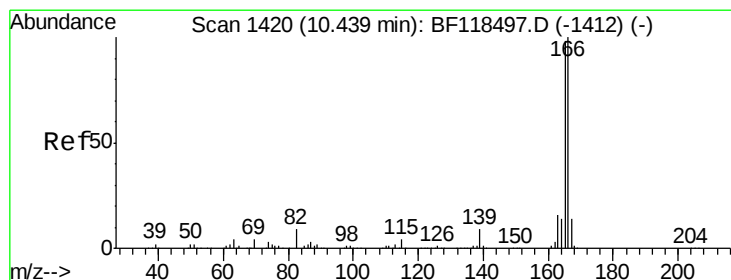
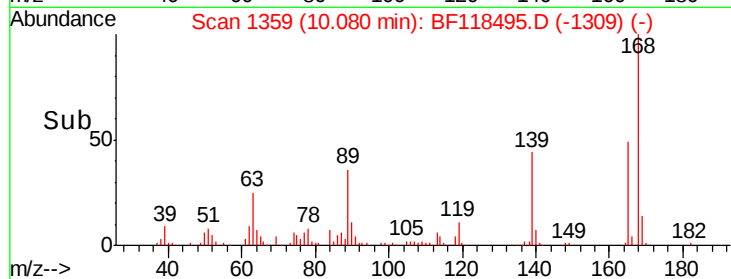
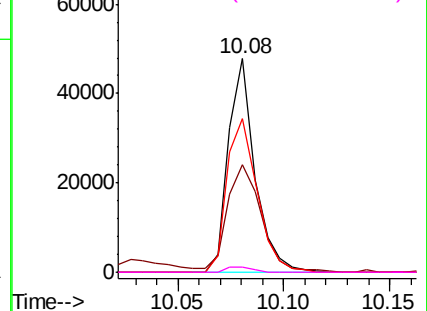
#57
 2,4-Dinitrotoluene
 Concen: 11.248 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 41672
 Ion Ratio Lower Upper
 165 100
 63 50.5 44.1 66.1
 89 72.0 60.4 90.6
 182 2.4 2.0 3.0

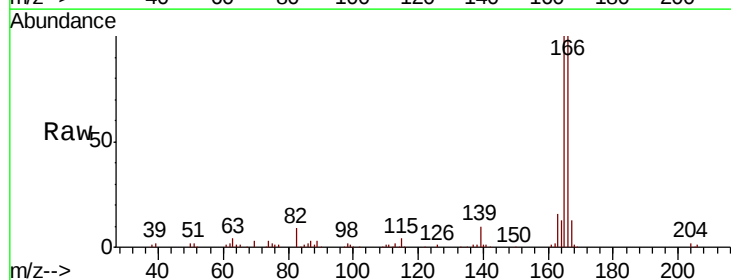


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

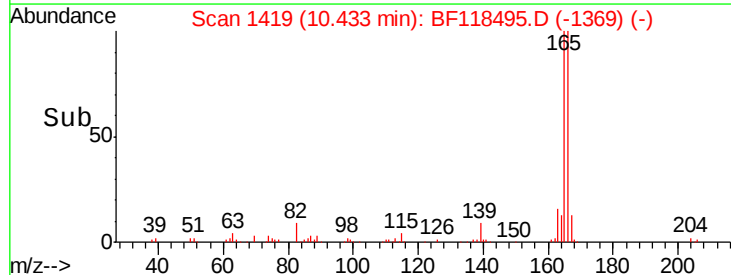
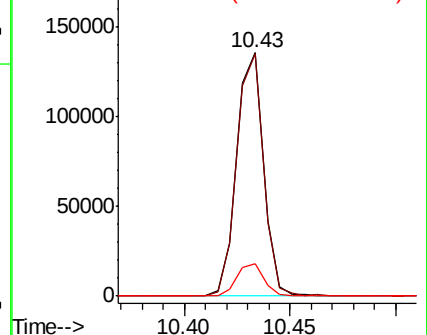


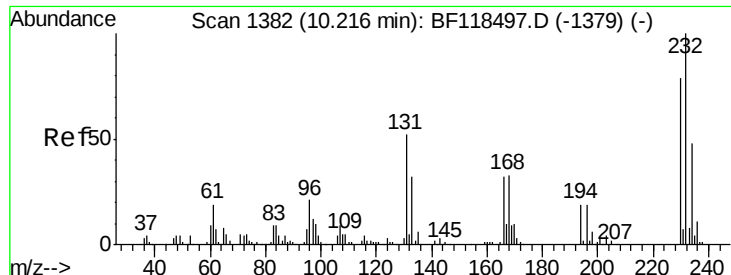
#58
 Fluorene
 Concen: 9.998 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion:166 Resp: 118992
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.6 117.8
 167 13.4 10.8 16.2



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

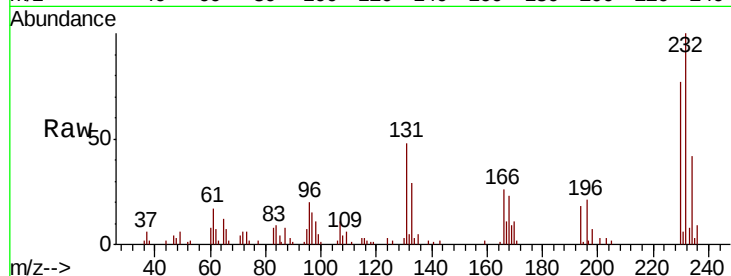




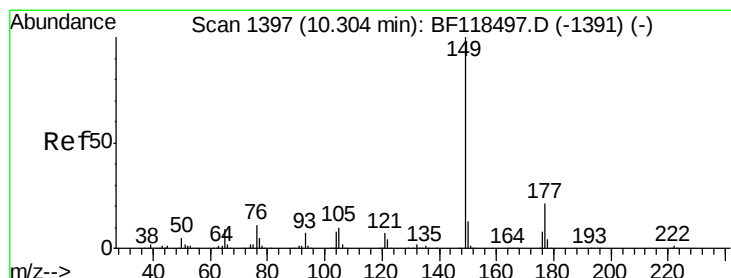
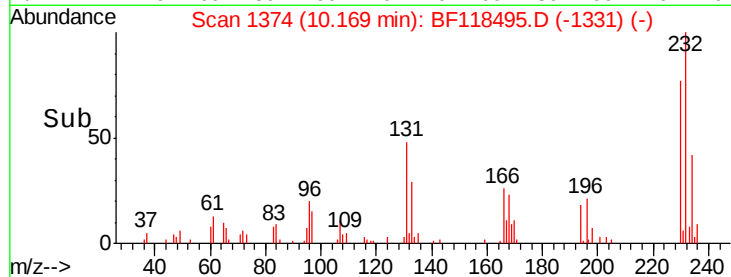
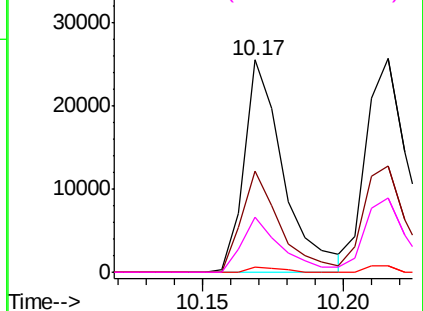
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.865 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.05 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 24691
 Ion Ratio Lower Upper
 232 100
 131 47.3 42.2 63.4
 130 2.2 2.1 3.1
 166 26.6 25.7 38.5

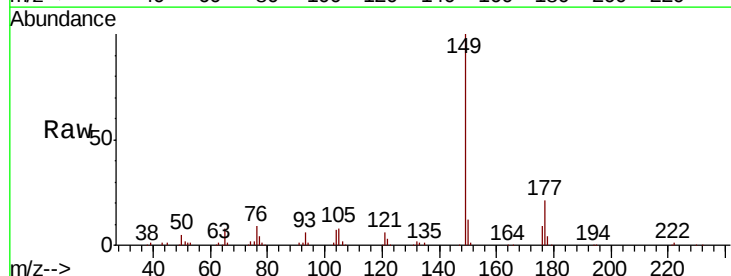


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

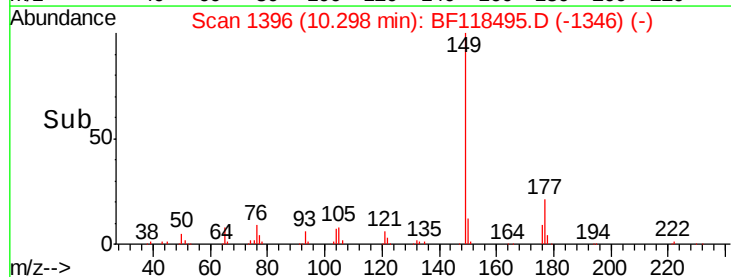
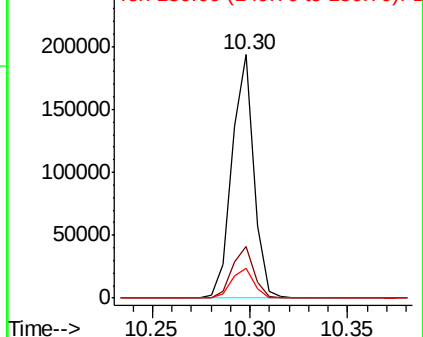


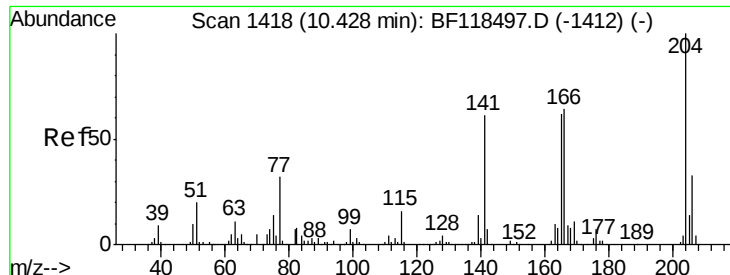
#60
 Diethylphthalate
 Concen: 11.568 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion:149 Resp: 149469
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.5 24.7
 150 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

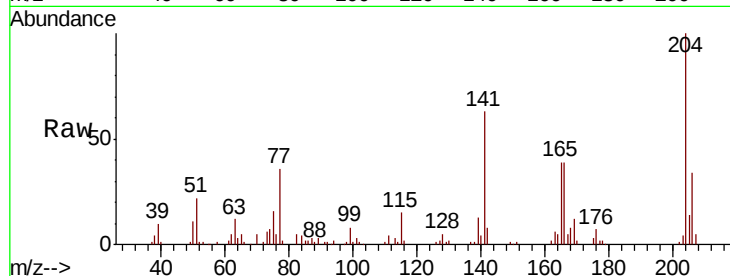




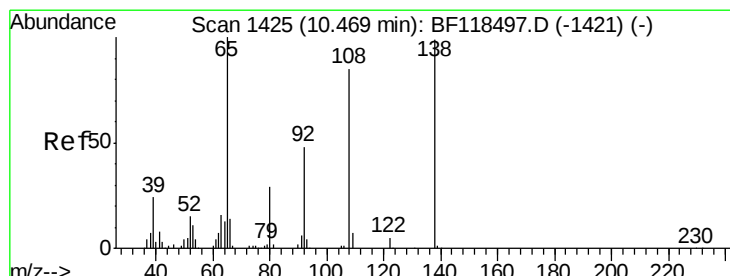
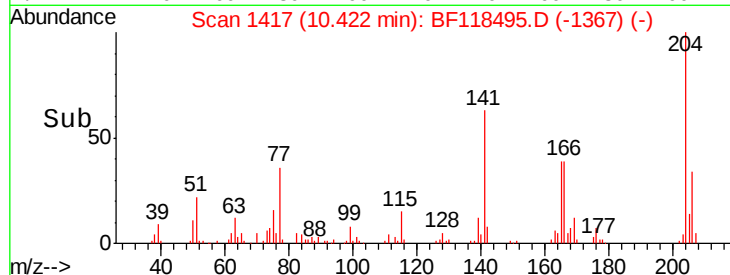
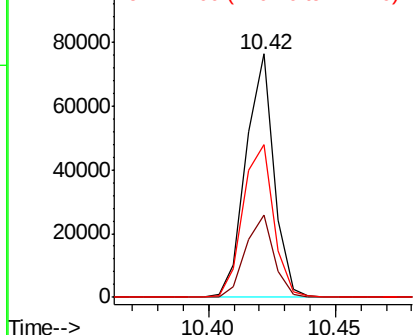
#61
4-Chlorophenyl-phenylether
Concen: 9.908 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 58936
Ion Ratio Lower Upper
204 100
206 33.9 26.0 39.0
141 62.9 49.0 73.6

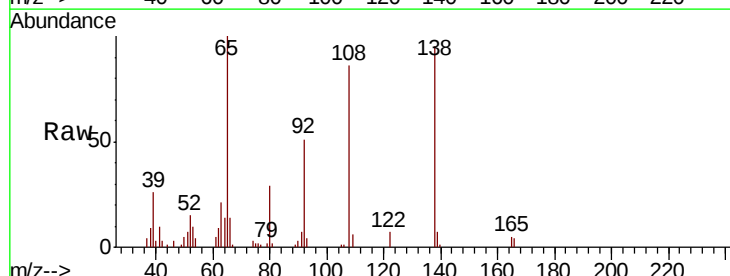


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

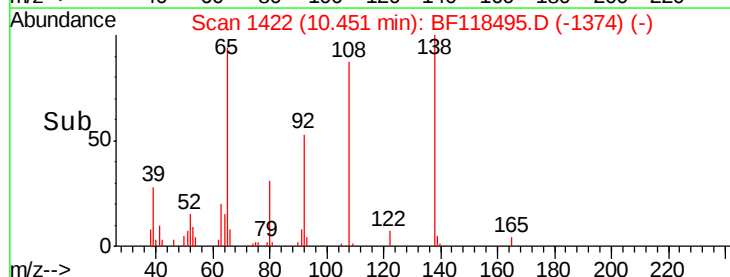
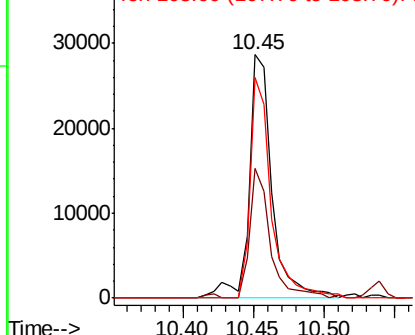


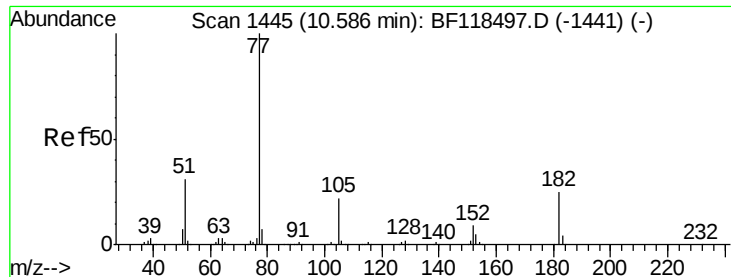
#62
4-Nitroaniline
Concen: 9.720 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:138 Resp: 32788
Ion Ratio Lower Upper
138 100
92 53.2 27.9 67.9
108 90.4 64.7 104.7



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

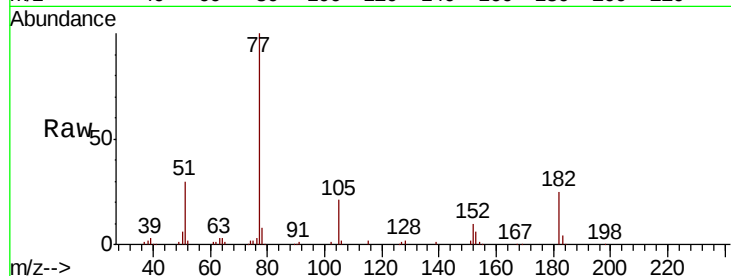




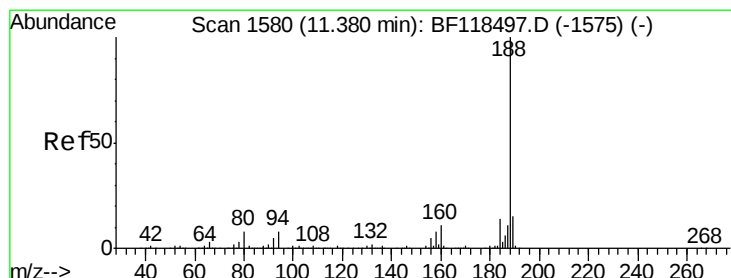
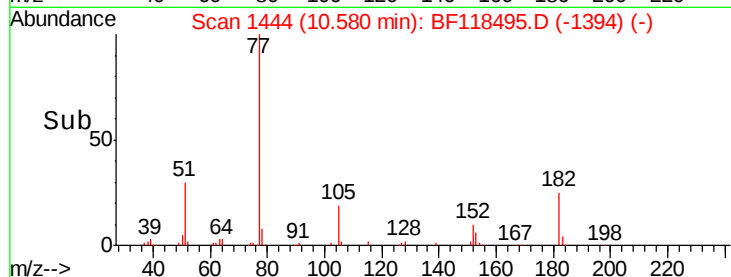
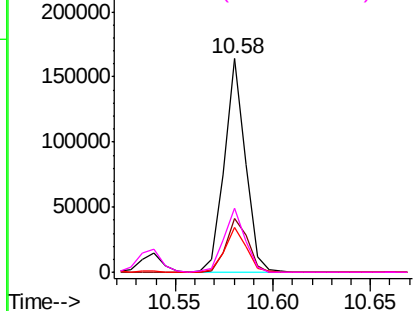
#63
Azobenzene
Concen: 11.054 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	122832
Ion	Ratio	Lower	Upper
77	100		
182	25.2	5.2	45.2
105	21.2	1.7	41.7
51	30.1	11.2	51.2

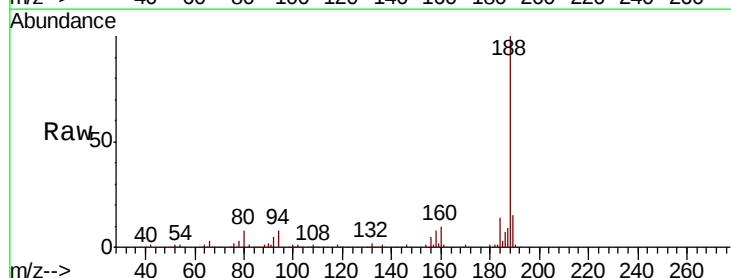


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

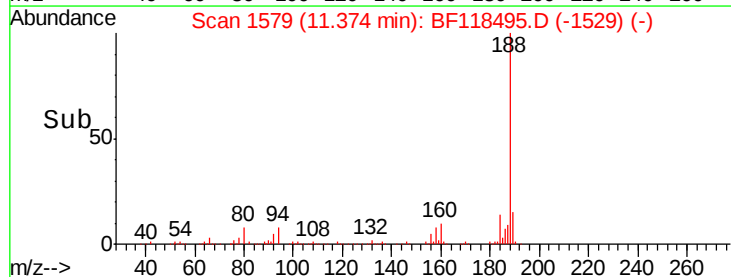
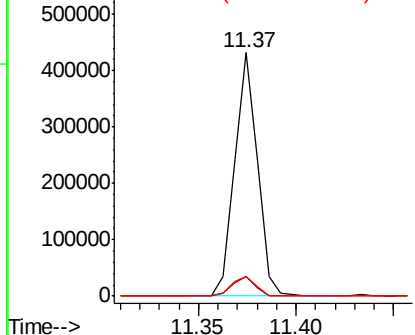


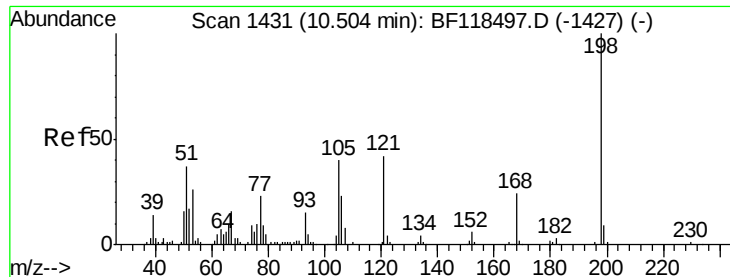
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:	188	Resp:	348577
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.2	9.4
80	8.1	6.6	10.0



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: 6.161 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampleId :

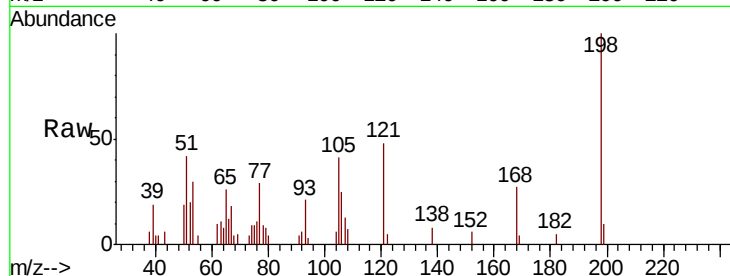
Tot Ion:198 Resp: 12290

Ion Ratio Lower Upper

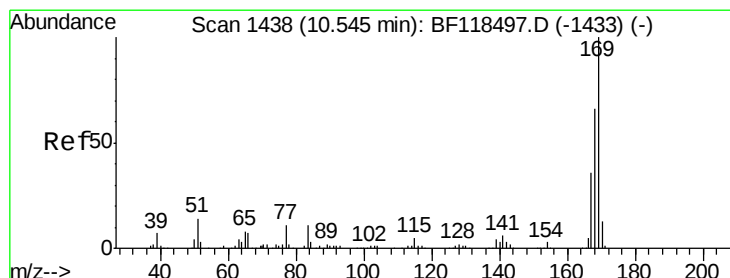
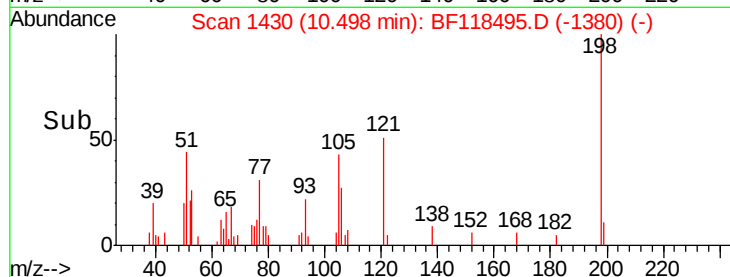
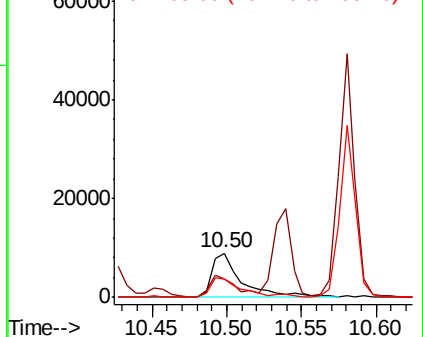
198 100

51 42.0 17.8 57.8

105 40.6 20.1 60.1



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: 8.878 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

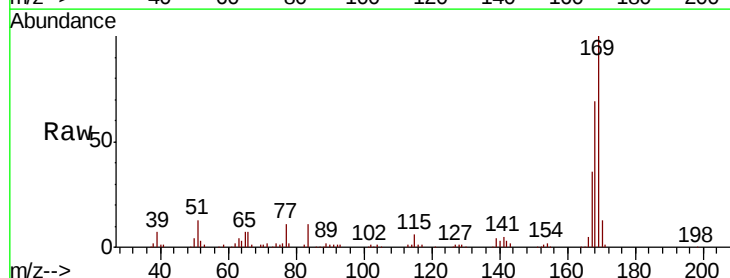
Tgt Ion:169 Resp: 105970

Ion Ratio Lower Upper

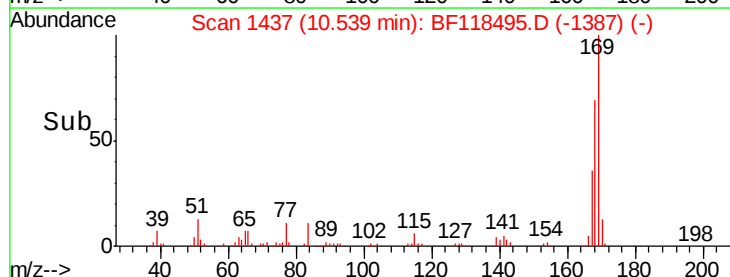
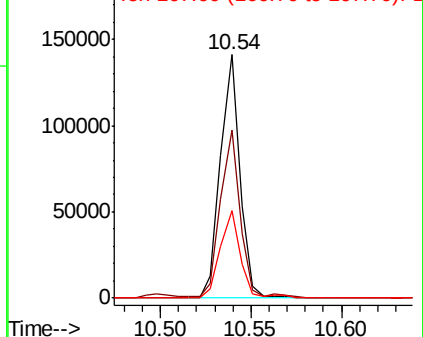
169 100

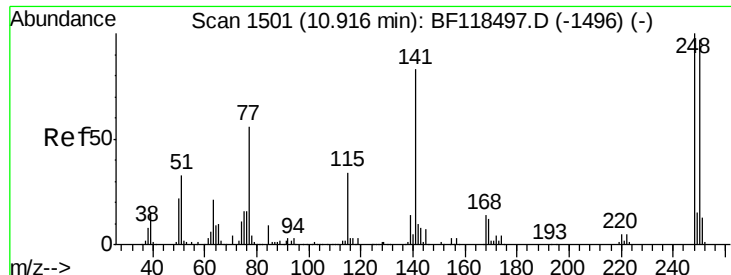
168 69.0 53.4 80.2

167 35.8 28.9 43.3



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

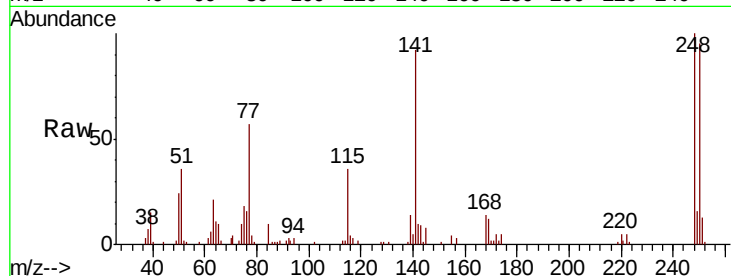




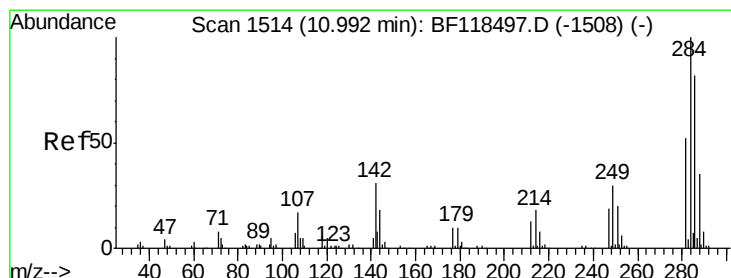
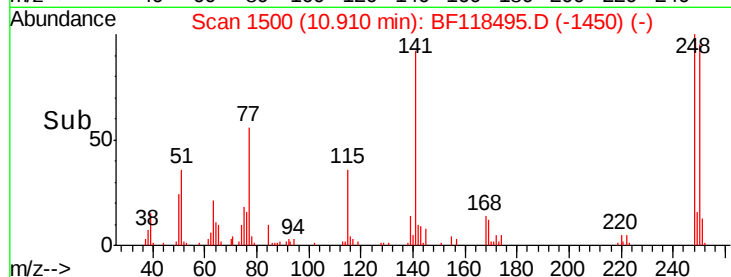
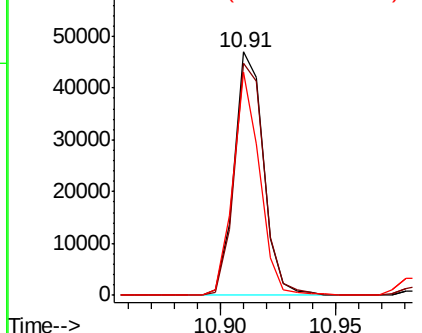
#67
4-Bromophenyl-phenylether
Concen: 9.467 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 41839
Ion Ratio Lower Upper
248 100
250 95.3 77.4 116.0
141 91.7 66.2 99.4

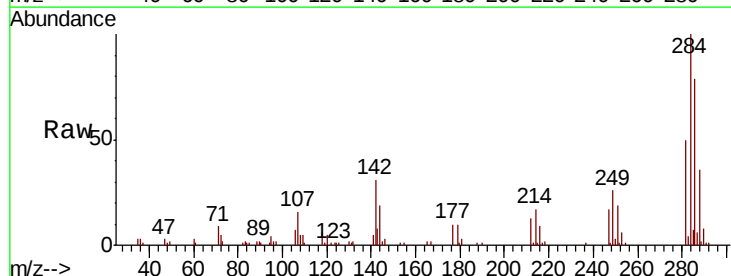


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

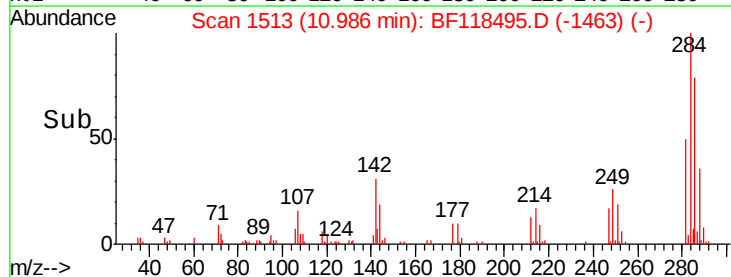
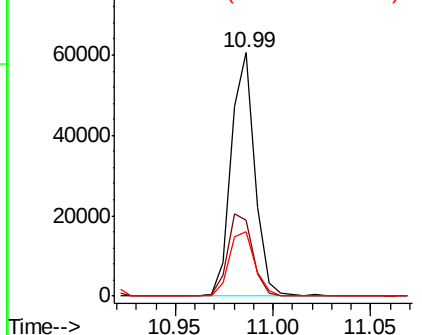


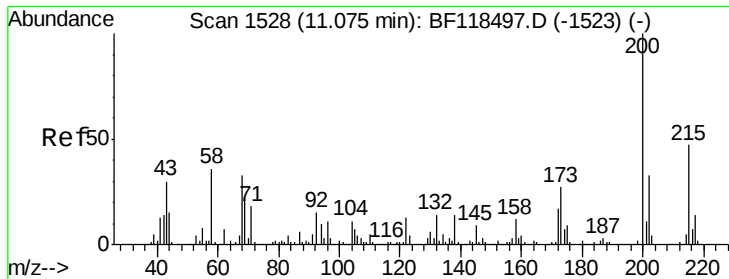
#68
Hexachlorobenzene
Concen: 9.607 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:284 Resp: 50516
Ion Ratio Lower Upper
284 100
142 30.9 24.6 37.0
249 26.2 24.0 36.0



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

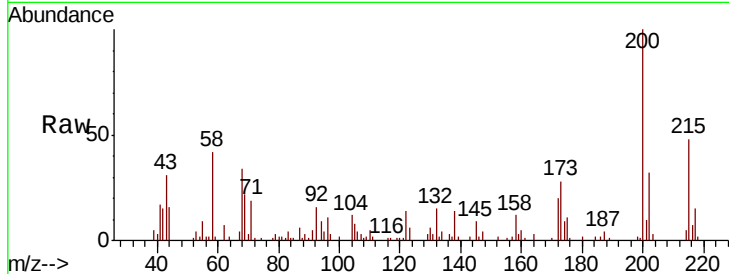




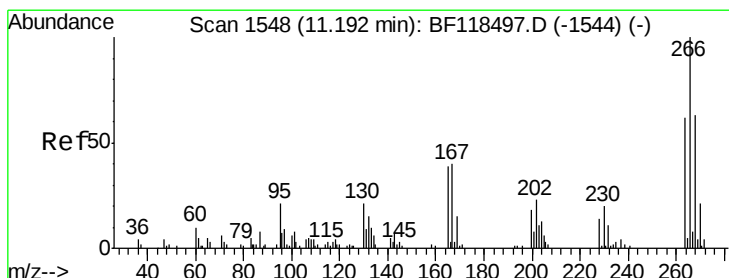
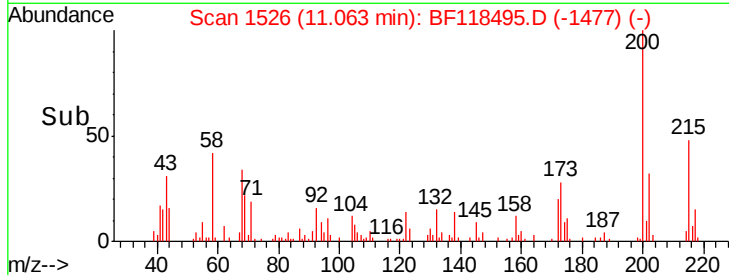
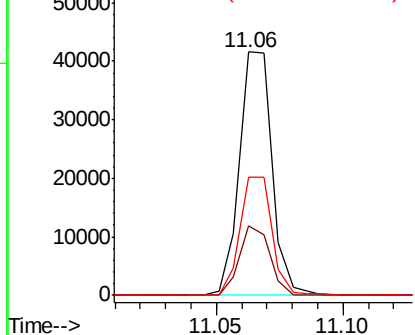
#69
 Atrazine
 Concen: 10.118 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 37136
 Ion Ratio Lower Upper
 200 100
 173 28.5 7.0 47.0
 215 48.4 27.0 67.0

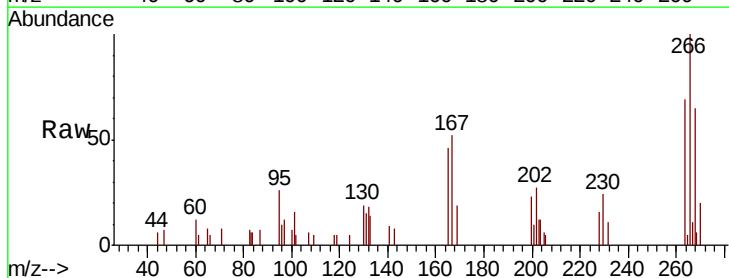


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

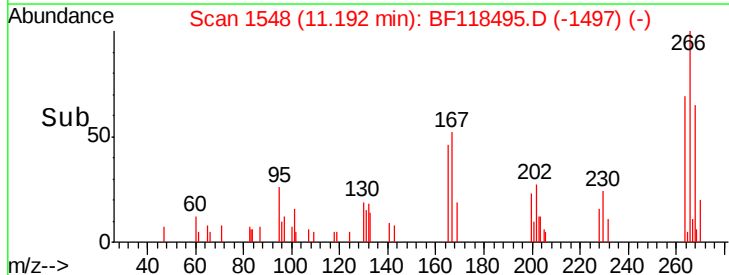
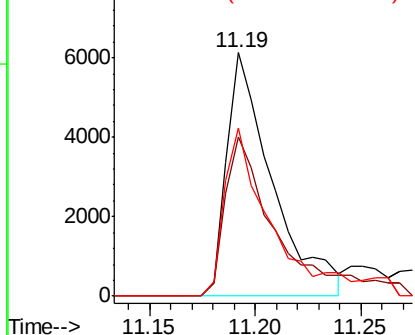


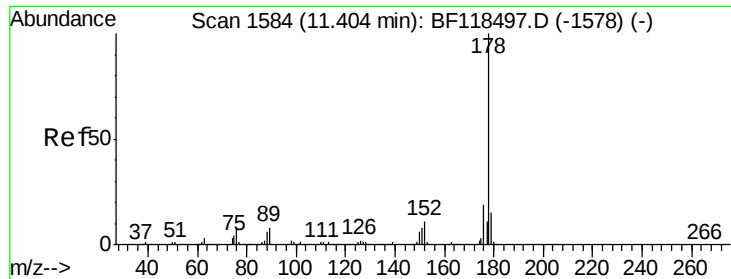
#70
 Pentachlorophenol
 Concen: 5.595 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion:266 Resp: 9142
 Ion Ratio Lower Upper
 266 100
 268 71.1 50.2 75.2
 264 69.3 49.4 74.0



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

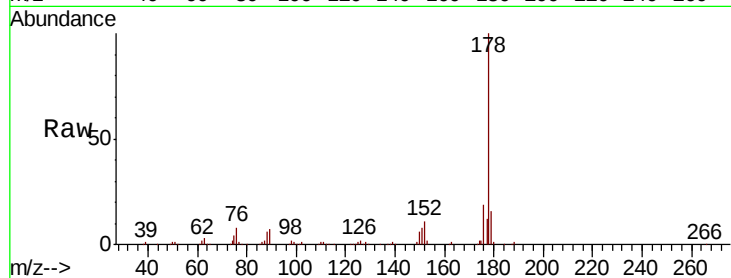




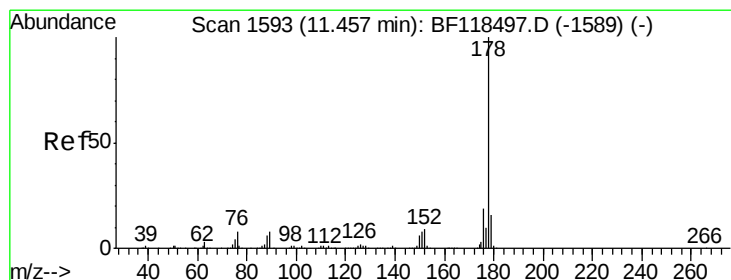
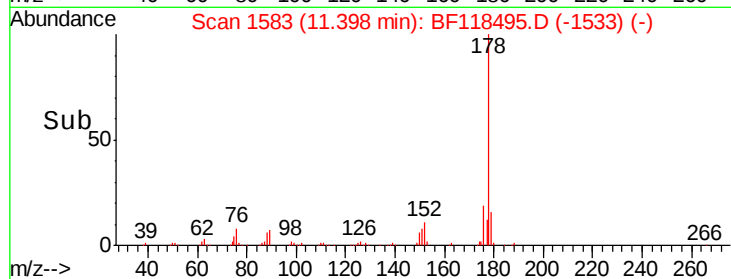
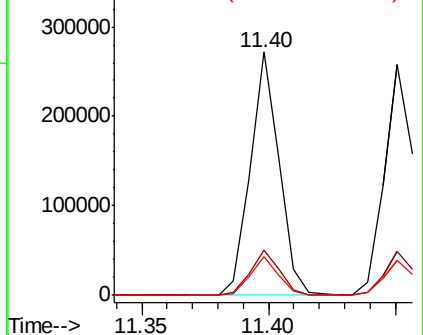
#71
Phenanthrene
Concen: 11.202 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 215486
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 16.1 12.3 18.5

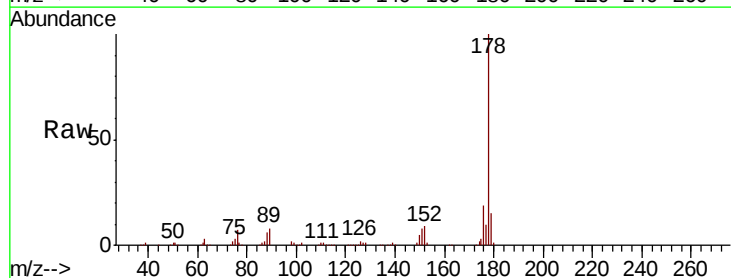


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

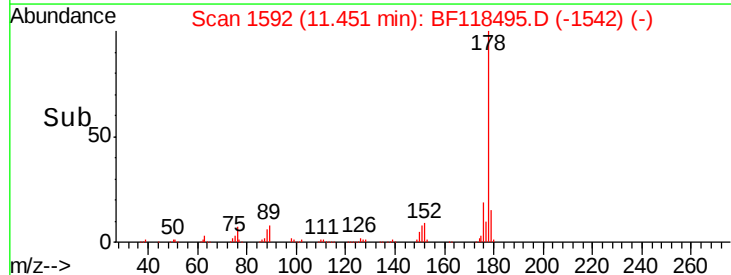
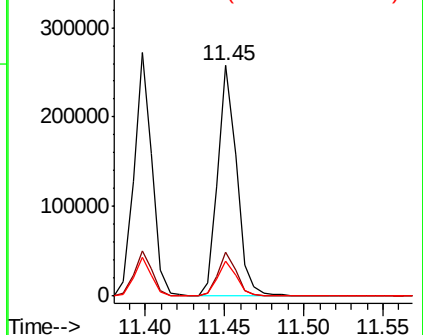


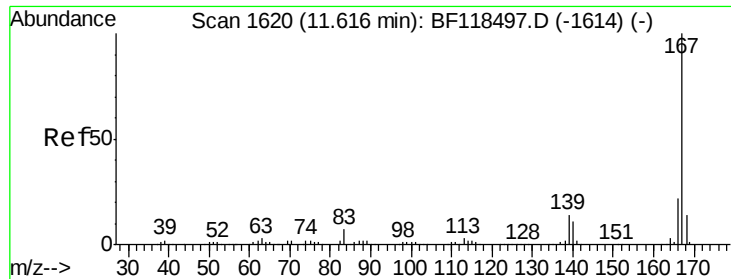
#72
Anthracene
Concen: 11.047 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:178 Resp: 215107
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.2 12.6 19.0



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

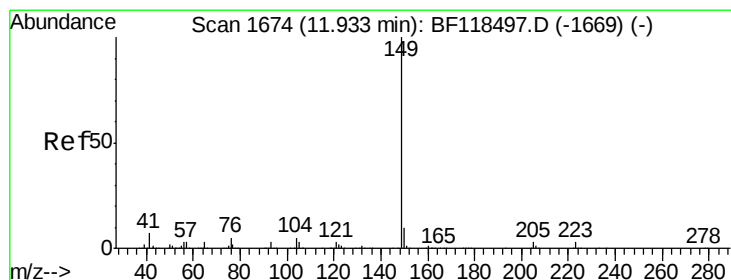
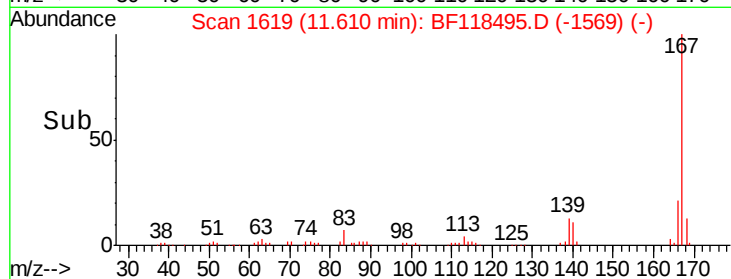
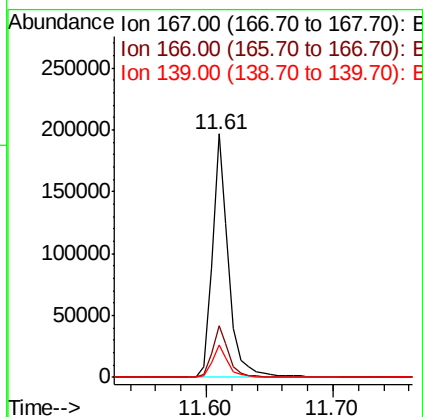
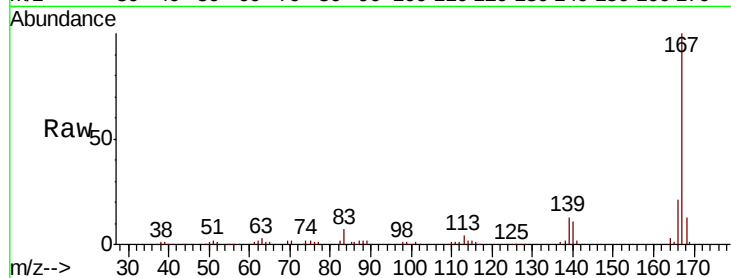




#73
 Carbazole
 Concen: 9.839 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

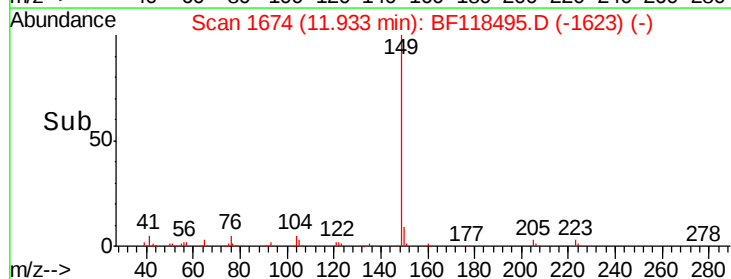
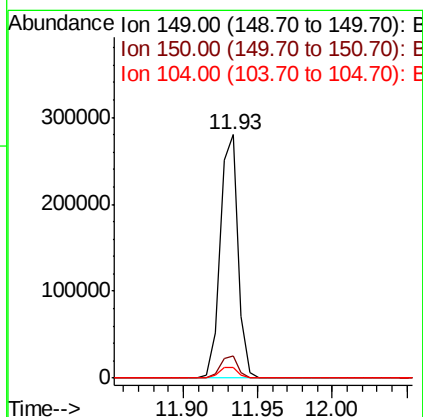
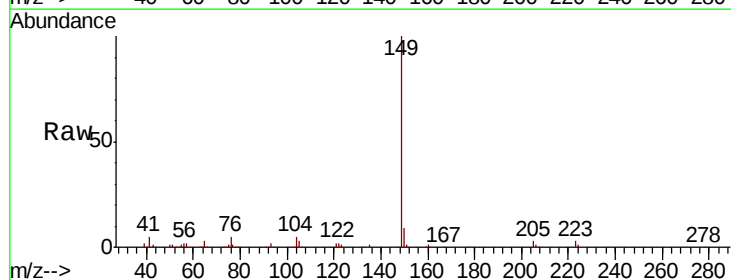
Instrument :
 BNA_F
 ClientSampleId :

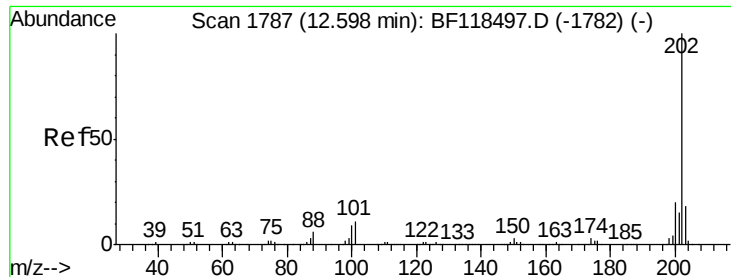
Tot Ion:167 Resp: 175672
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 10.073 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion:149 Resp: 235850
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 4.6 4.2 6.4

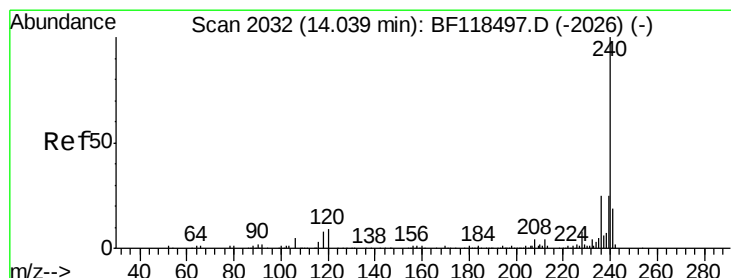
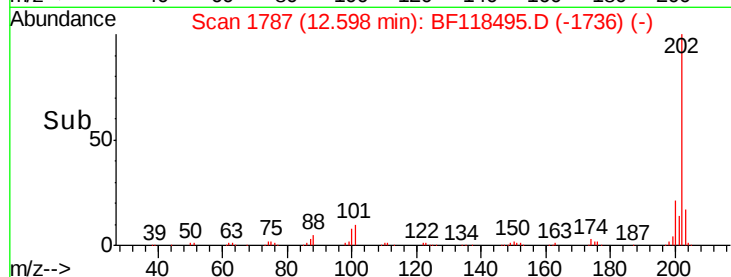
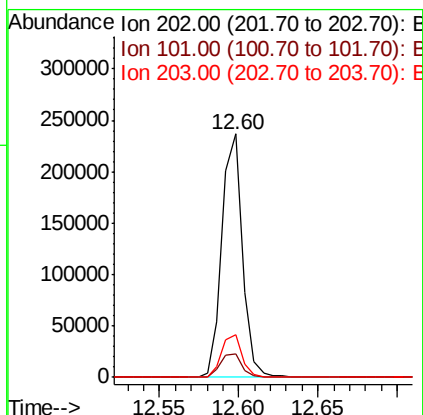
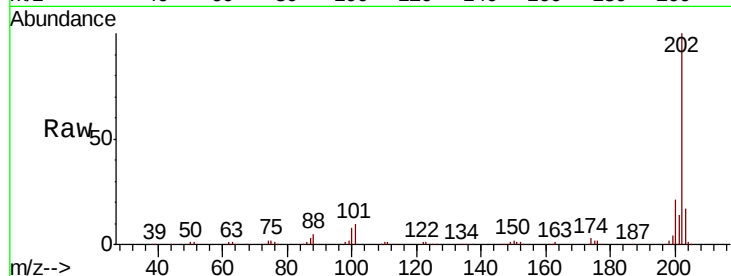




#75
 Fluoranthene
 Concen: 10.518 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

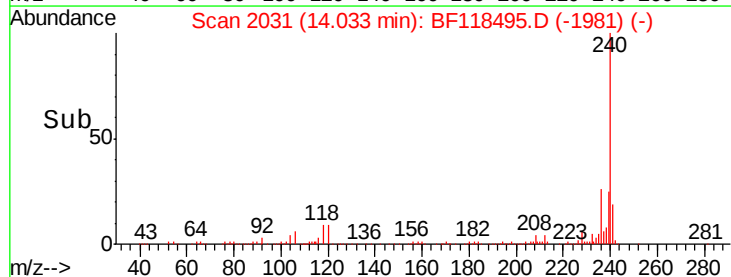
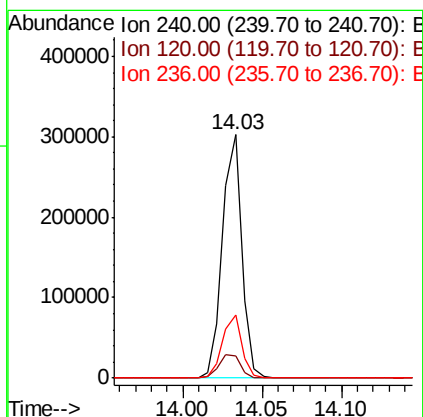
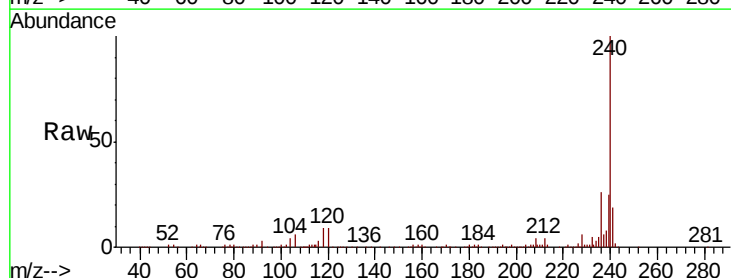
Instrument :
 BNA_F
 ClientSampleId :

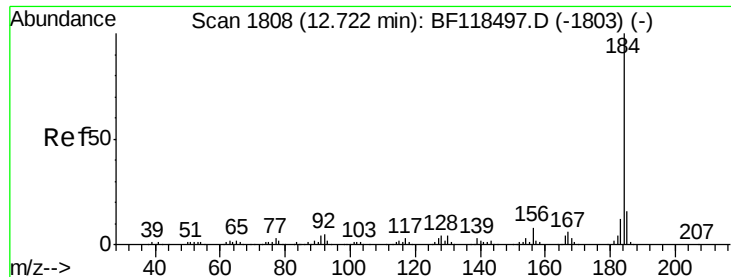
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.4
203	17.5	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	26.2	20.1	30.1





#77

Benzidine

Concen: 16.923 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampleId :

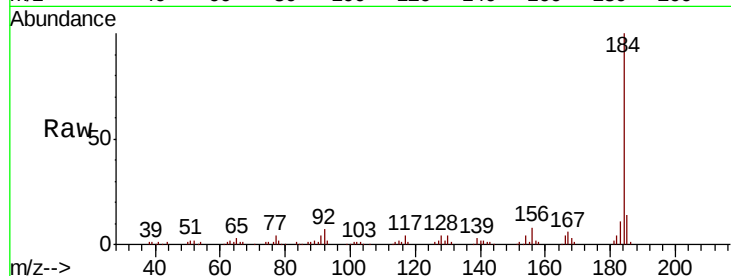
Tot Ion:184 Resp: 123622

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

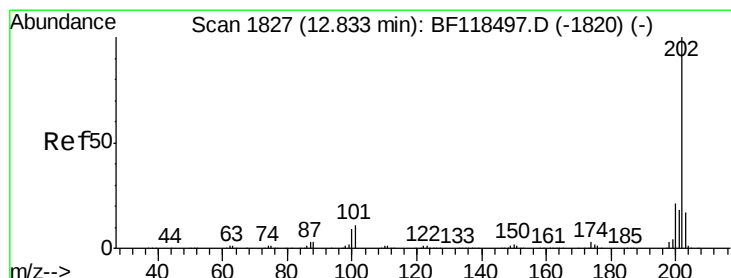
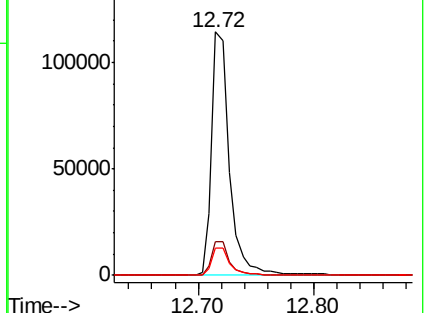
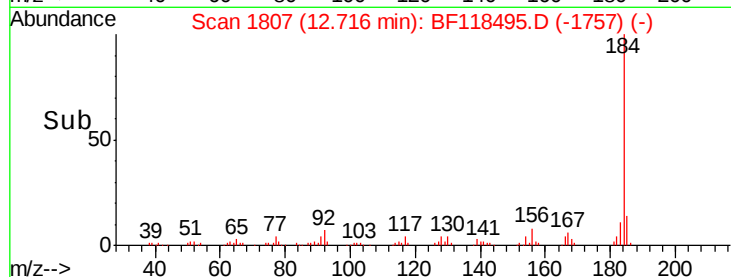
183 11.4 9.3 13.9



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: 9.306 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

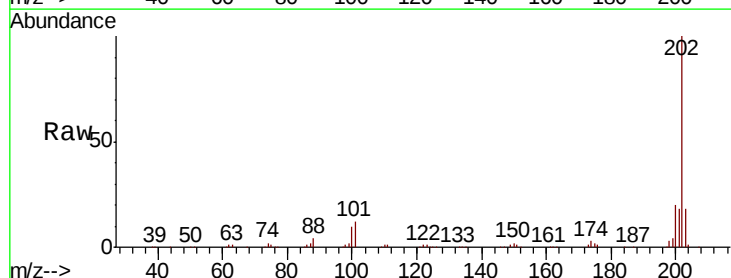
Tgt Ion:202 Resp: 207714

Ion Ratio Lower Upper

202 100

200 20.0 16.9 25.3

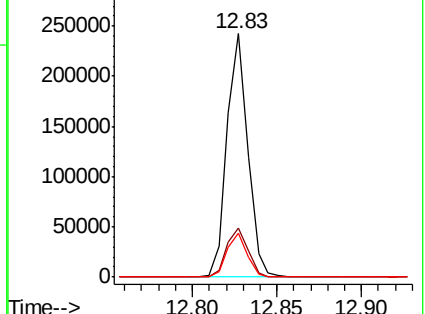
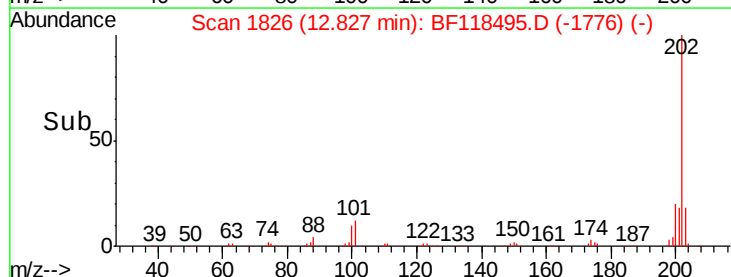
203 17.9 13.9 20.9

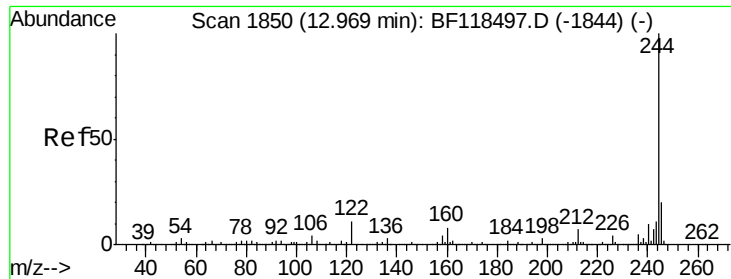


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

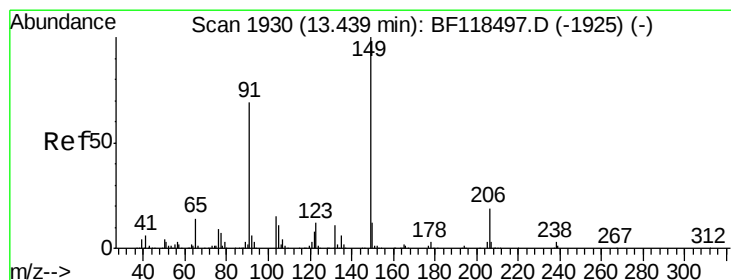
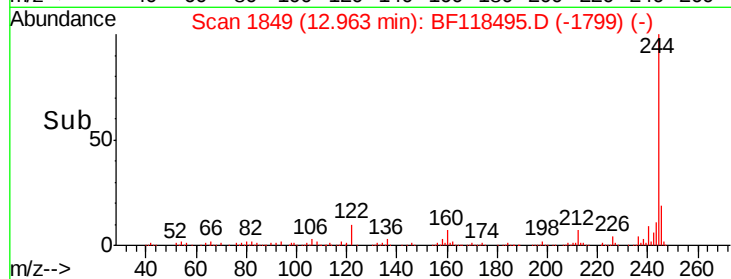
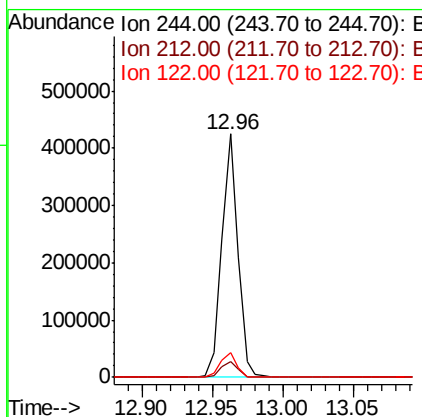
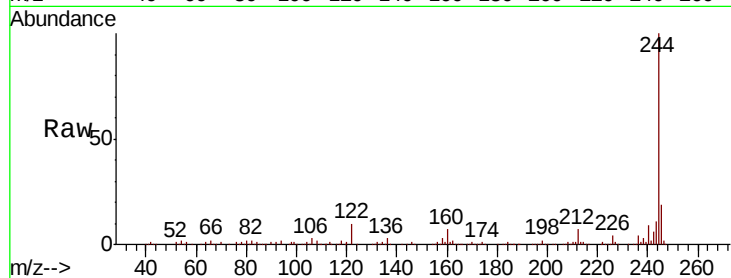




#79
 Terphenyl-d14
 Concen: 20.094 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

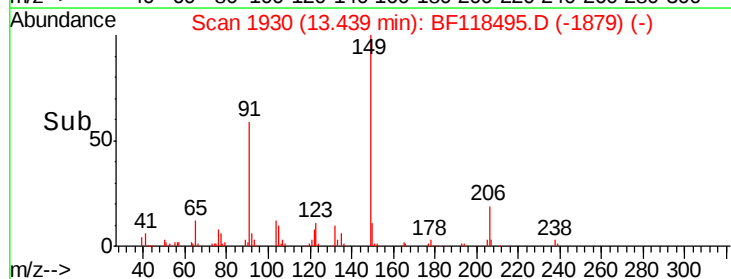
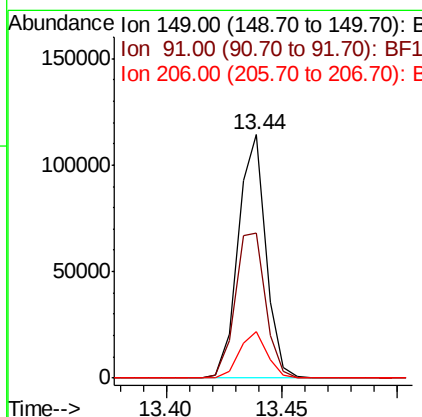
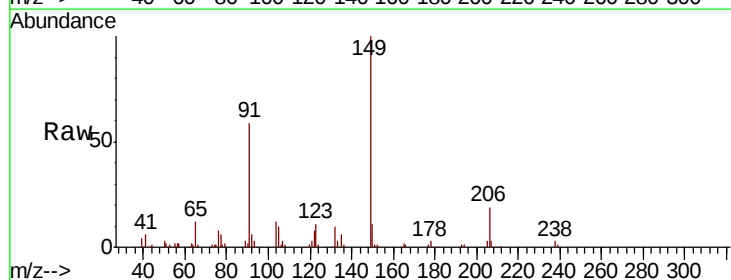
Instrument :
 BNA_F
 ClientSampleId :

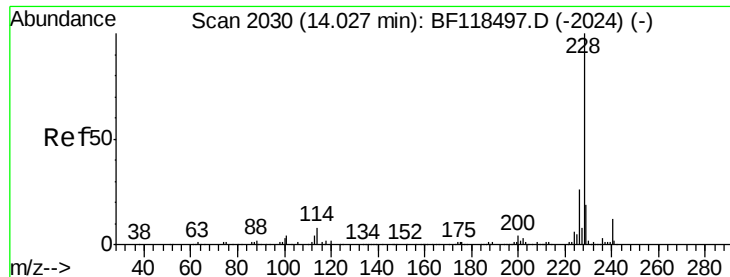
Tot Ion:244 Resp: 339039
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.1 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 9.728 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF118495.D
 Acq: 8 Jan 2020 11:49

Tgt Ion:149 Resp: 95660
 Ion Ratio Lower Upper
 149 100
 91 59.5 55.2 82.8
 206 19.4 15.1 22.7

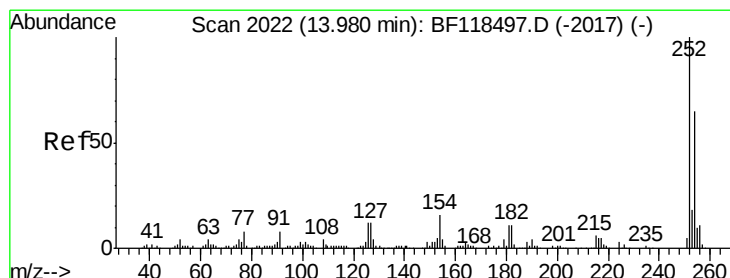
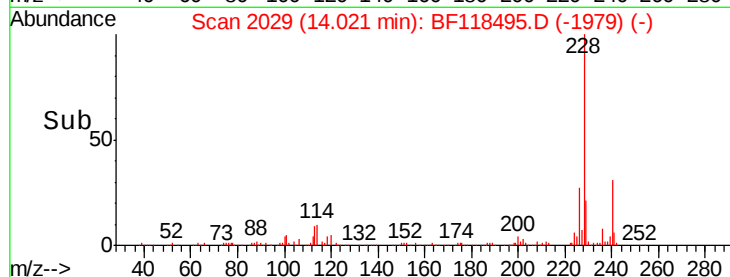
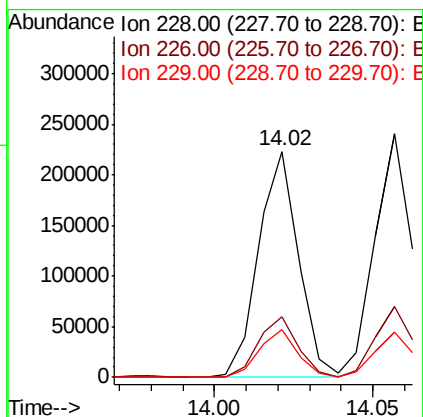
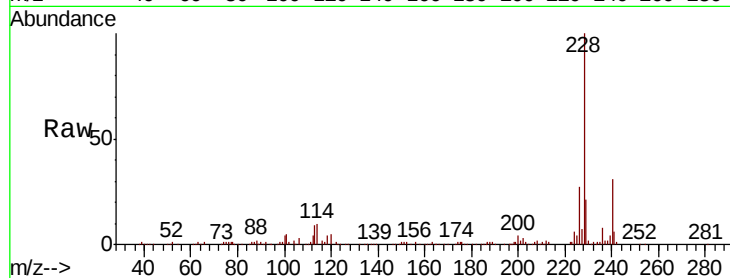




#81
Benzo(a)anthracene
Concen: 10.637 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

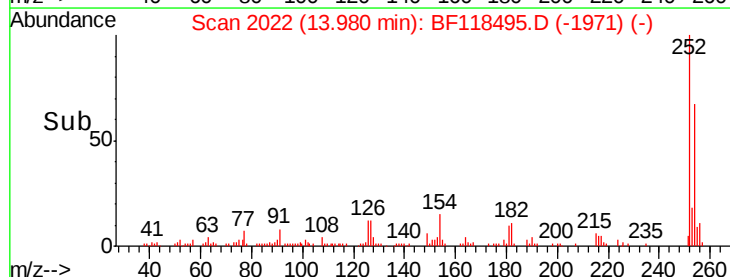
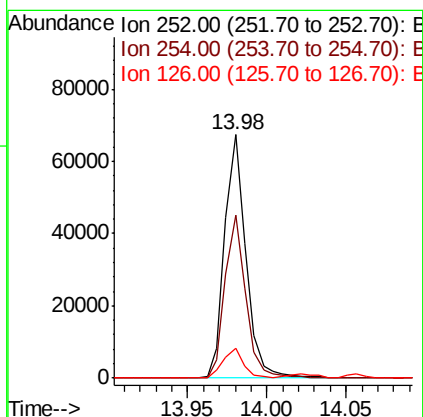
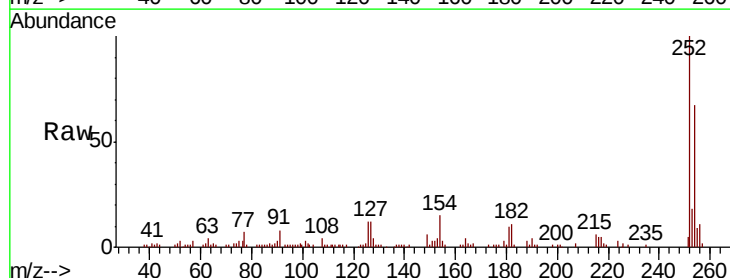
Instrument :
BNA_F
ClientSampleId :

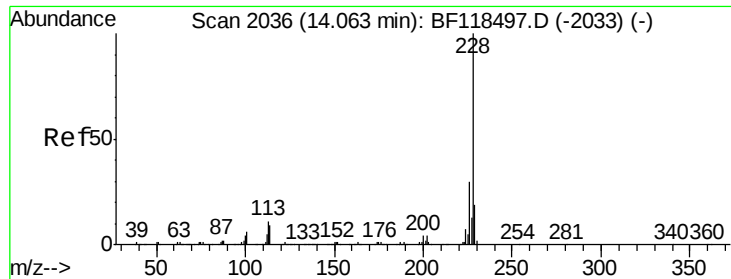
Tot Ion:228 Resp: 195588
Ion Ratio Lower Upper
228 100
226 26.7 20.7 31.1
229 21.1 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 10.802 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:252 Resp: 63016
Ion Ratio Lower Upper
252 100
254 66.7 52.1 78.1
126 12.2 9.6 14.4





#83

Chrysene

Concen: 11.330 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampleId :

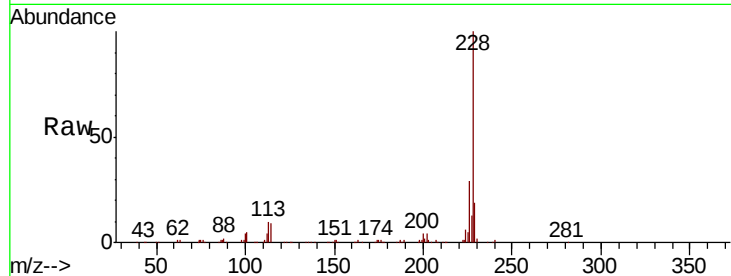
Tot Ion:228 Resp: 199731

Ion Ratio Lower Upper

228 100

226 29.0 23.6 35.4

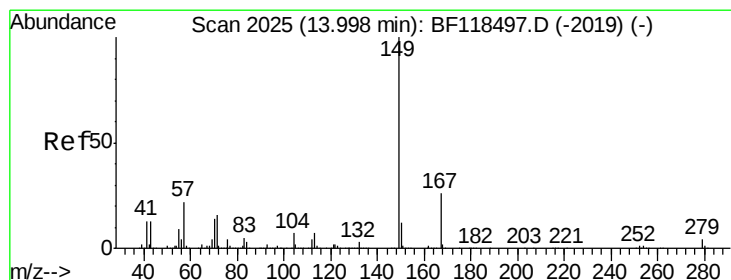
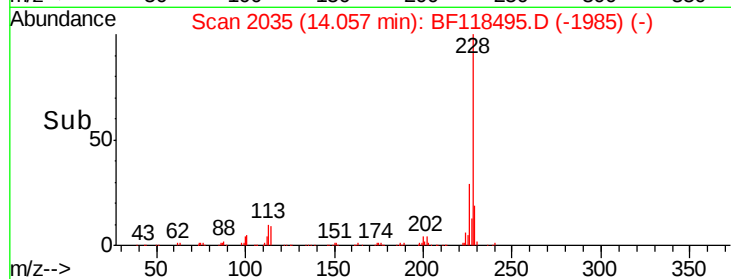
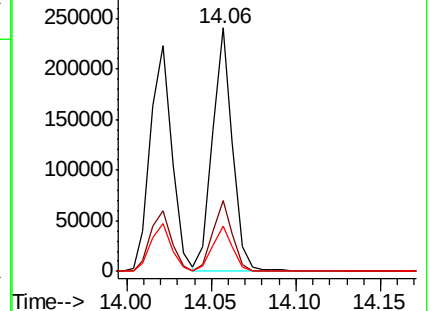
229 18.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.604 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

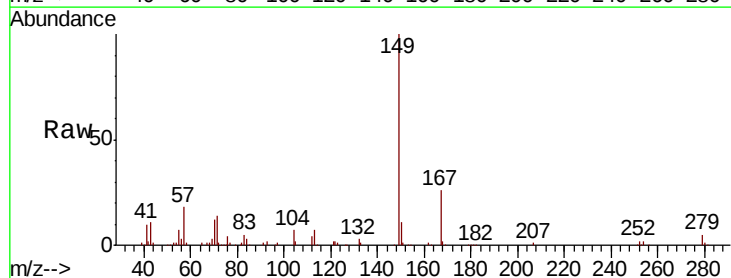
Tgt Ion:149 Resp: 130481

Ion Ratio Lower Upper

149 100

167 26.2 20.6 30.8

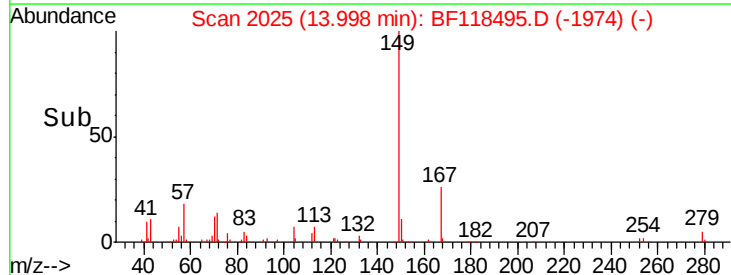
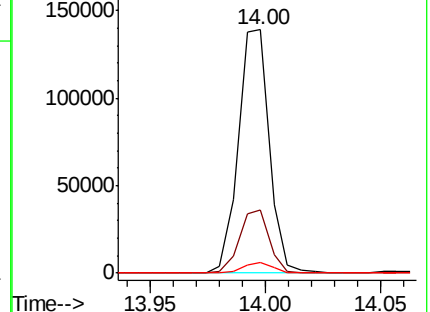
279 4.6 3.1 4.7

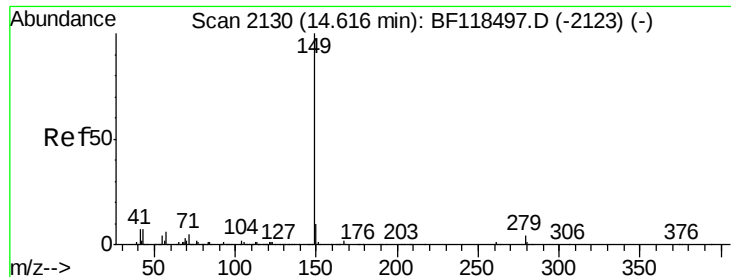


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 10.182 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

Instrument :

BNA_F

ClientSampleId :

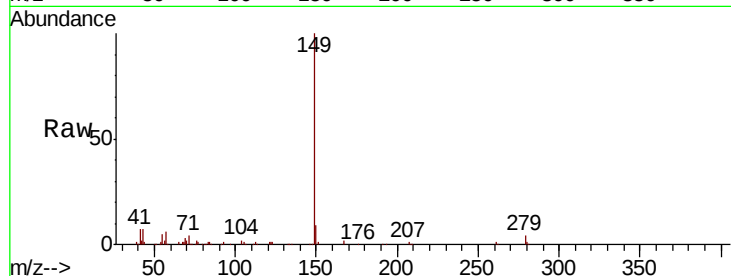
Tot Ion:149 Resp: 192781

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

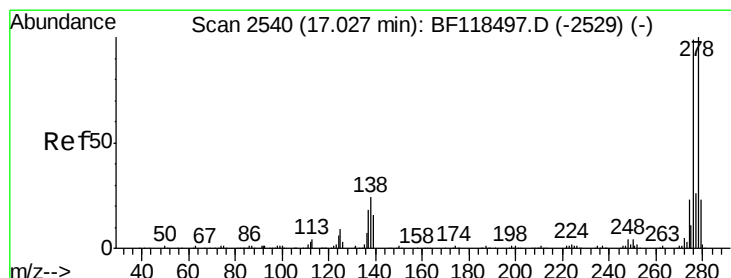
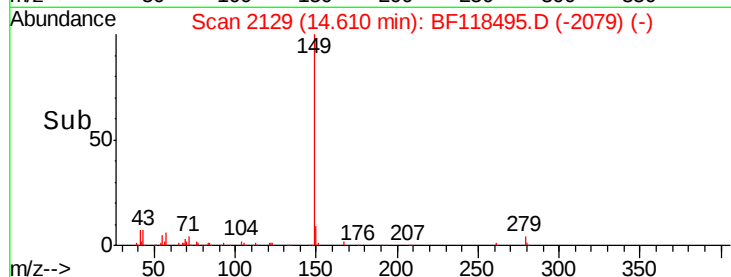
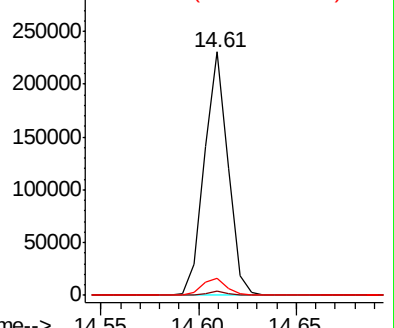
43 7.7 6.4 9.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 10.081 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF118495.D

Acq: 8 Jan 2020 11:49

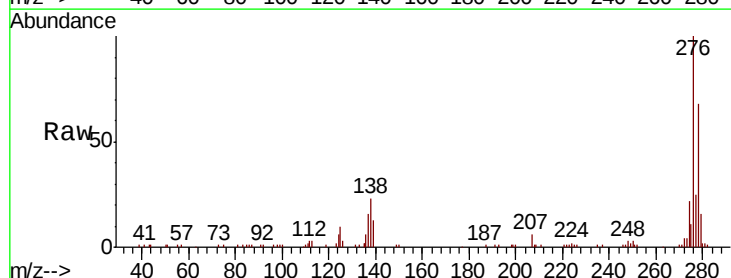
Tgt Ion:276 Resp: 126969

Ion Ratio Lower Upper

276 100

138 23.9 19.0 28.4

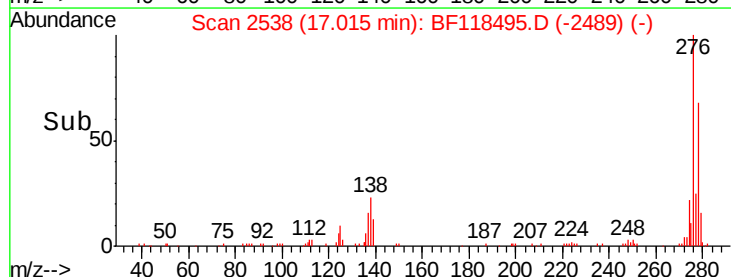
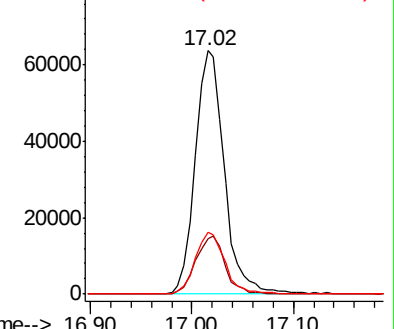
277 25.7 20.5 30.7

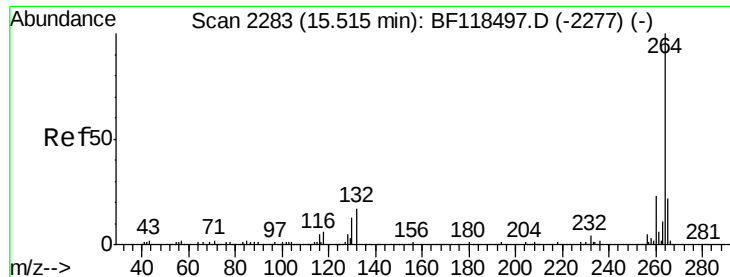


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



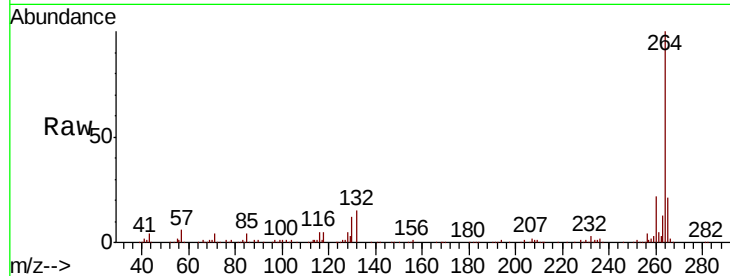


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

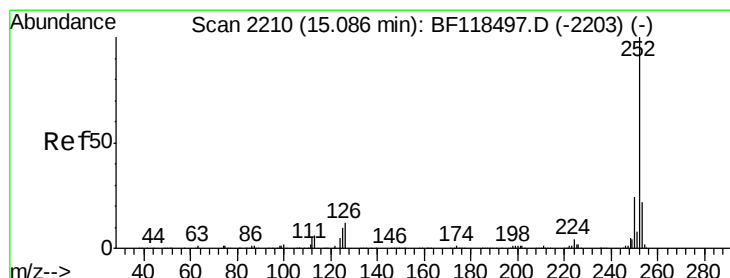
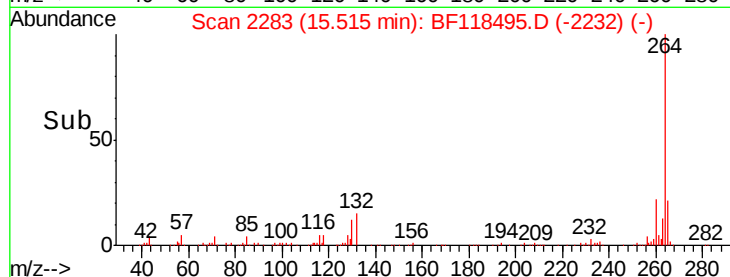
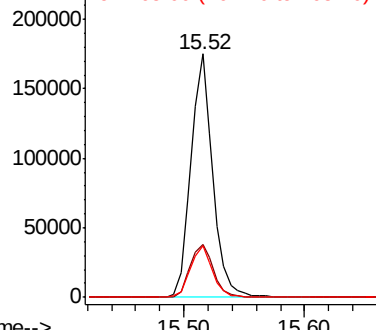
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 217474

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.8	28.2
265	21.2	17.5	26.3



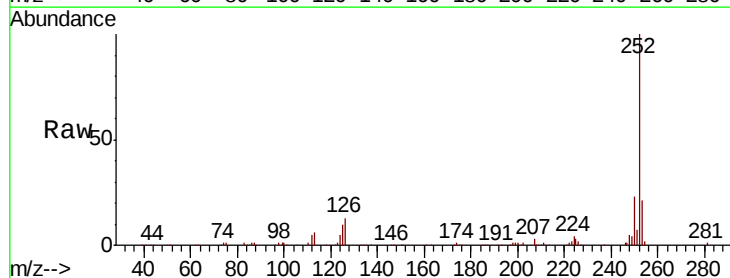
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



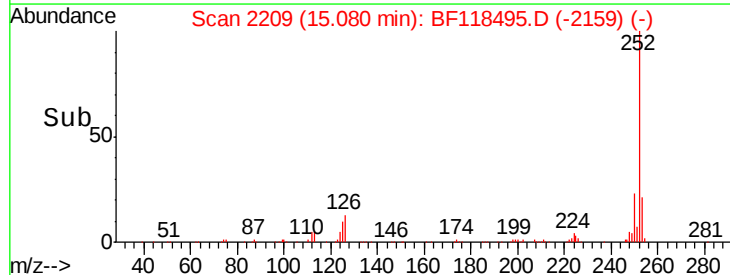
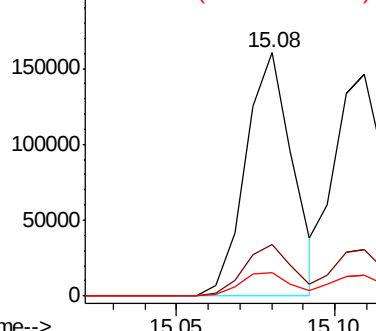
#88
Benzo(b)fluoranthene
Concen: 10.940 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

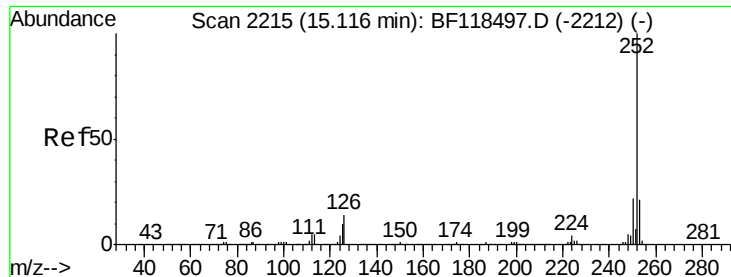
Tgt Ion:252 Resp: 165486

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	9.8	7.8	11.6



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

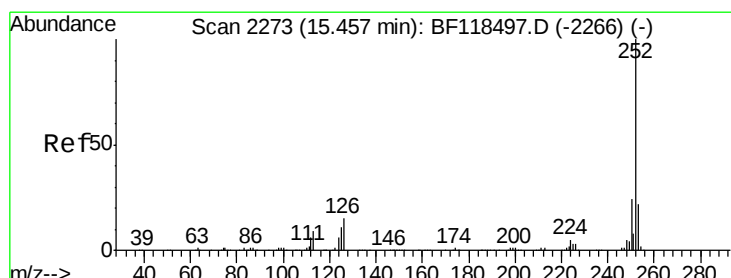
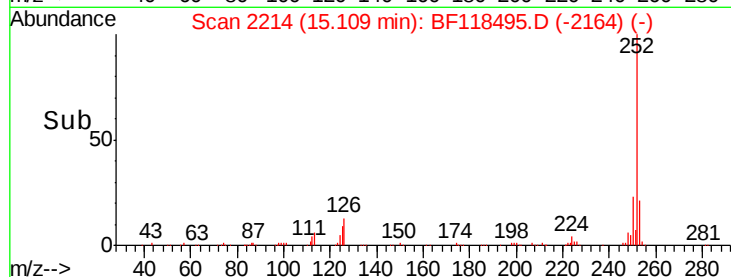
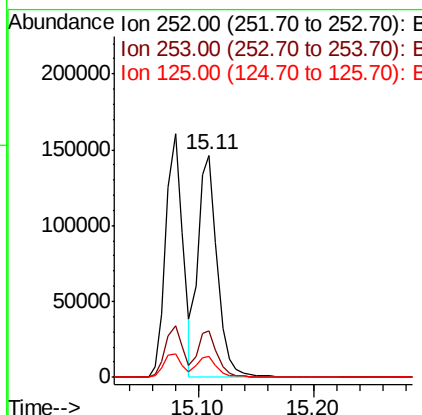
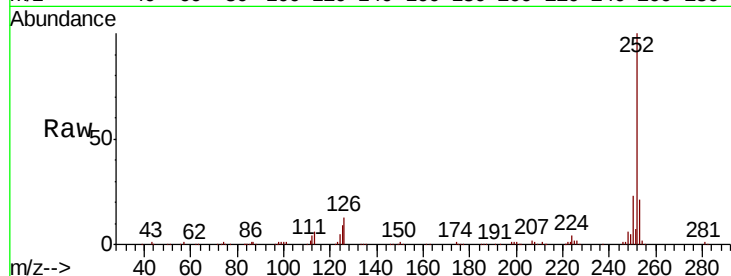




#89
Benzo(k)fluoranthene
Concen: 11.605 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

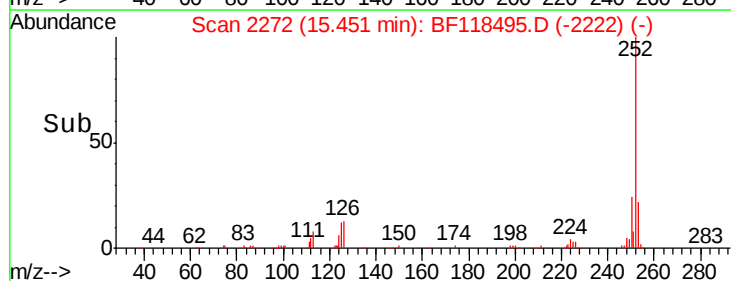
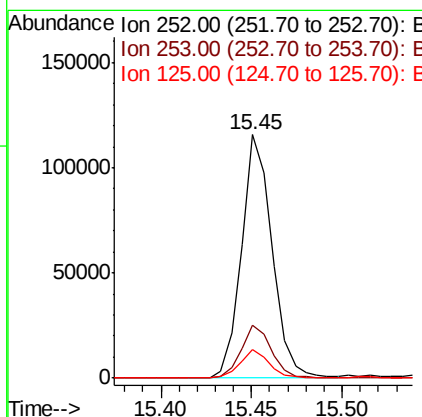
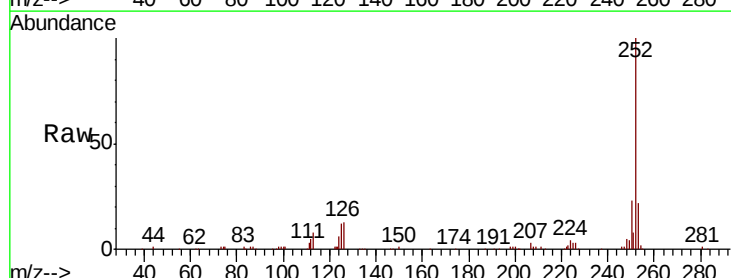
Instrument :
BNA_F
ClientSampleId :

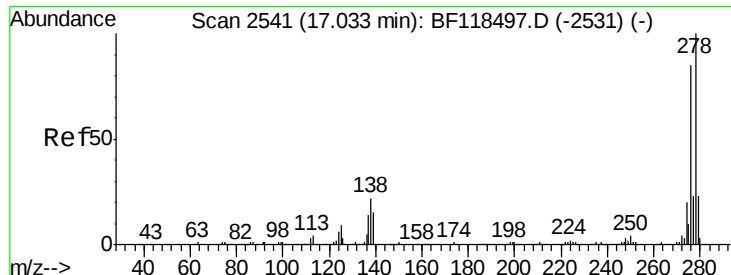
Tot Ion:252 Resp: 172779
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.4
125 9.5 7.8 11.6



#90
Benzo(a)pyrene
Concen: 9.842 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion:252 Resp: 135746
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.7 9.0 13.6

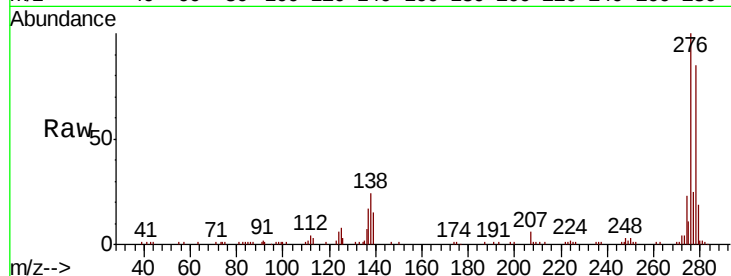




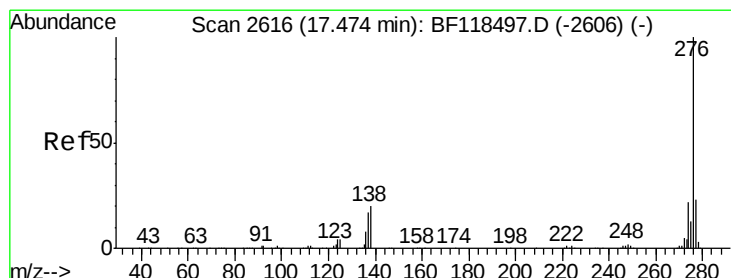
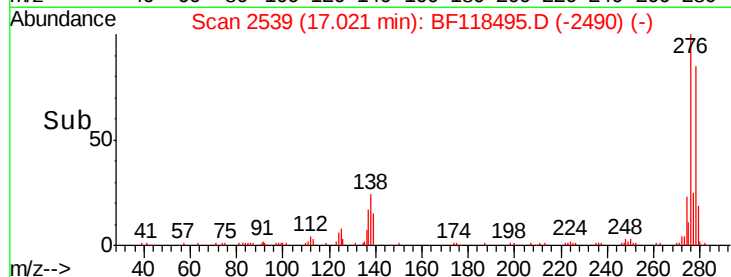
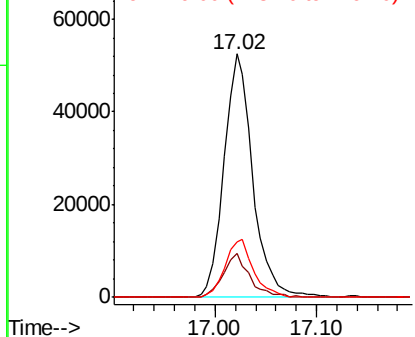
#91
Dibenzo(a,h)anthracene
Concen: 9.605 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	11.9	17.9
279	23.0	18.6	27.8

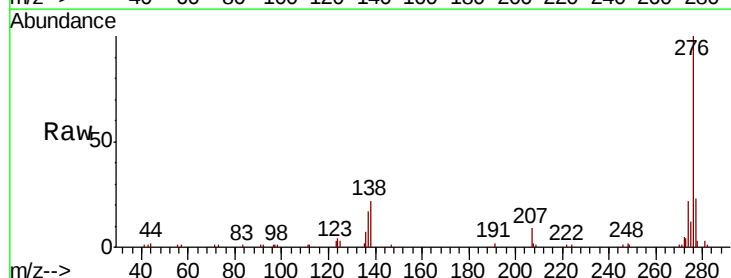


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.056 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.00 min
Lab File: BF118495.D
Acq: 8 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.2	27.4
138	22.2	16.3	24.5



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

