

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118496.D
 Acq On : 8 Jan 2020 12:17
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 14:30:37 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	78809	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	315622	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	183139	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	349870	20.00	ng	0.00
76) Chrysene-d12	14.03	240	254184	20.00	ng	0.00
87) Perylene-d12	15.52	264	186910	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	193867	44.16	ng	0.00
7) Phenol-d6	6.47	99	245874	43.88	ng	0.00
23) Nitrobenzene-d5	7.40	82	251067	43.09	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	88747	39.79	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	538886	43.44	ng	0.00
79) Terphenyl-d14	12.96	244	651251	39.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	33560	22.605	ng	100
3) Pyridine	3.30	79	93304	22.861	ng	98
4) n-Nitrosodimethylamine	3.25	42	44067	22.341	ng	90
6) Aniline	6.49	93	152800	22.070	ng	95
8) 2-Chlorophenol	6.62	128	114424	22.360	ng	96
9) Benzaldehyde	6.39	77	72670	23.541	ng	99
10) Phenol	6.48	94	132775	21.258	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	96935	22.414	ng	98
12) 1,3-Dichlorobenzene	6.77	146	133232	22.035	ng	96
13) 1,4-Dichlorobenzene	6.85	146	134722	21.971	ng	98
14) 1,2-Dichlorobenzene	7.00	146	131607	22.870	ng	99
15) Benzyl Alcohol	6.97	79	99232	22.094	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	102597	21.243	ng	93
17) 2-Methylphenol	7.09	107	91206	21.980	ng	100
18) Hexachloroethane	7.34	117	51081	22.659	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	77307	22.171	ng	98
20) 3+4-Methylphenols	7.25	107	121088	22.266	ng	# 83
22) Acetophenone	7.25	105	172412	21.301	ng	# 99
24) Nitrobenzene	7.42	77	124742	21.648	ng	97
25) Isophorone	7.66	82	211596	21.301	ng	99
26) 2-Nitrophenol	7.74	139	60952	19.792	ng	97
27) 2,4-Dimethylphenol	7.77	122	84767	21.023	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	134302	21.370	ng	97
29) 2,4-Dichlorophenol	7.99	162	94827	19.944	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	109072	19.386	ng	99
31) Naphthalene	8.14	128	344945	20.782	ng	100
32) Benzoic acid	7.89	122	38178	13.588	ng	98
33) 4-Chloroaniline	8.19	127	144523	20.764	ng	98
34) Hexachlorobutadiene	8.26	225	68939	20.539	ng	99
35) Caprolactam	8.56	113	32495	21.650	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	118364	23.657	ng	97
37) 2-Methylnaphthalene	8.83	142	262716	23.153	ng	98
38) 1-Methylnaphthalene	8.93	142	236843	21.809	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	113947	20.567	ng	99

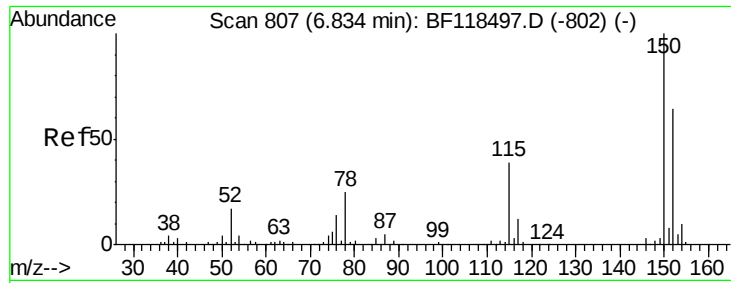
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118496.D
 Acq On : 8 Jan 2020 12:17
 Operator : JU
 Sample : SSTDICC020
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 QLast Update : Wed Jan 08 14:21:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	9293	9.266	ng	94
43) 2,4,6-Trichlorophenol	9.12	196	72241	20.416	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	70217	19.494	ng	96
46) 1,1'-Biphenyl	9.30	154	311013	21.215	ng	99
47) 2-Chloronaphthalene	9.33	162	250166	21.292	ng	97
48) 2-Nitroaniline	9.43	65	70624	20.804	ng	96
49) Acenaphthylene	9.75	152	378574	21.672	ng	100
50) Dimethylphthalate	9.60	163	297208	21.081	ng	100
51) 2,6-Dinitrotoluene	9.67	165	64379	22.282	ng	89
52) Acenaphthene	9.92	154	236142	21.469	ng	99
53) 3-Nitroaniline	9.84	138	74192	20.980	ng	88
54) 2,4-Dinitrophenol	9.97	184	22628	18.517	ng	94
55) Dibenzofuran	10.09	168	324901	20.863	ng	98
56) 4-Nitrophenol	10.02	139	32910	19.351	ng	96
57) 2,4-Dinitrotoluene	10.08	165	80200	20.175	ng	98
58) Fluorene	10.43	166	283069	22.167	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	60540	20.259	ng	98
60) Diethylphthalate	10.30	149	287751	20.756	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	138189	21.652	ng	95
62) 4-Nitroaniline	10.46	138	76538	21.146	ng	97
63) Azobenzene	10.58	77	258008	21.640	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	32465	16.214	ng	97
66) n-Nitrosodiphenylamine	10.54	169	232295	19.390	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	84650	19.083	ng	93
68) Hexachlorobenzene	10.99	284	102684	19.456	ng	98
69) Atrazine	11.07	200	76206	20.685	ng	99
70) Pentachlorophenol	11.19	266	25894	15.789	ng	95
71) Phenanthrene	11.40	178	415187	21.504	ng	99
72) Anthracene	11.45	178	413625	21.164	ng	99
73) Carbazole	11.61	167	344512	19.225	ng	99
74) Di-n-butylphthalate	11.93	149	459245	19.541	ng	98
75) Fluoranthene	12.60	202	413650	20.334	ng	97
77) Benzidine	12.72	184	127719	17.777	ng	99
78) Pyrene	12.83	202	422874	19.263	ng	100
80) Butylbenzylphthalate	13.44	149	180282	18.640	ng	94
81) Benzo(a)anthracene	14.02	228	367014	20.294	ng	98
82) 3,3'-Dichlorobenzidine	13.98	252	124806	21.753	ng	99
83) Chrysene	14.06	228	347246	20.029	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	257941	21.315	ng	99
85) Di-n-octyl phthalate	14.61	149	395135	21.219	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	250377	20.214	ng	99
88) Benzo(b)fluoranthene	15.08	252	313269	24.095	ng	98
89) Benzo(k)fluoranthene	15.11	252	316948	24.770	ng	99
90) Benzo(a)pyrene	15.45	252	218153	18.403	ng	98
91) Dibenzo(a,h)anthracene	17.02	278	207646	22.463	ng	98
92) Benzo(g,h,i)perylene	17.46	276	164024	17.105	ng	98

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

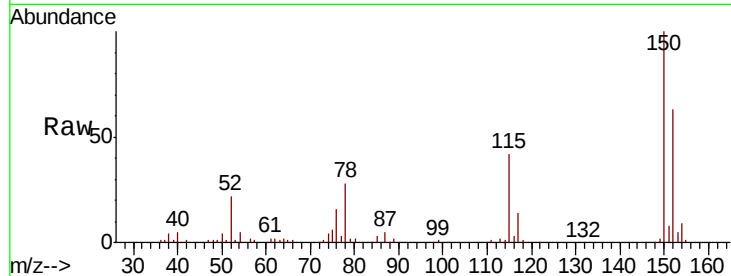


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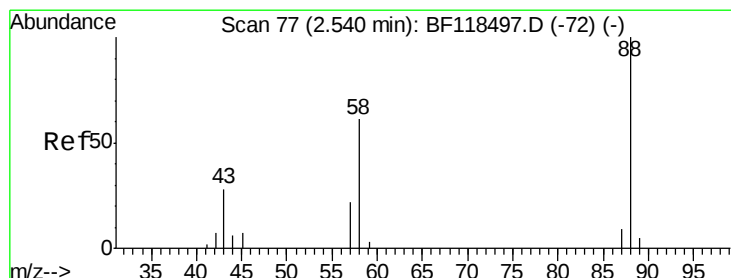
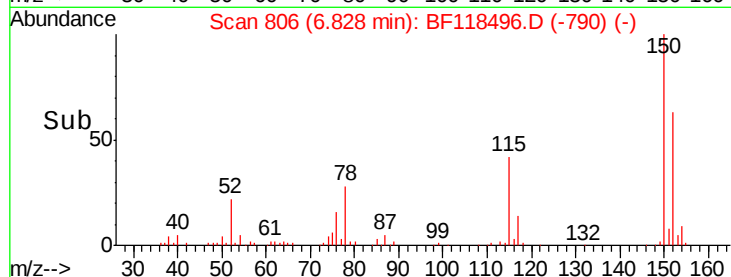
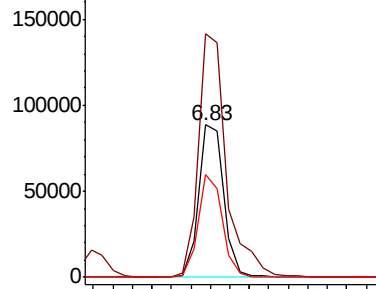
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78809
Ion Ratio Lower Upper
152 100
150 159.9 124.7 187.1
115 67.1 49.0 73.6



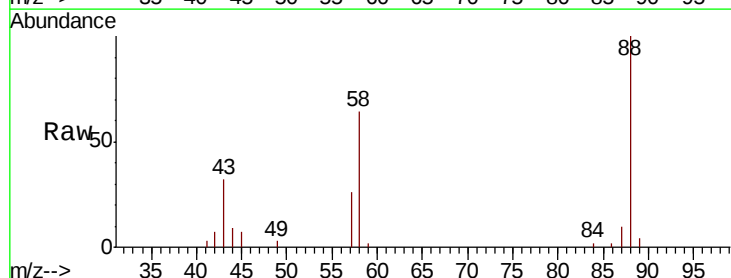
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



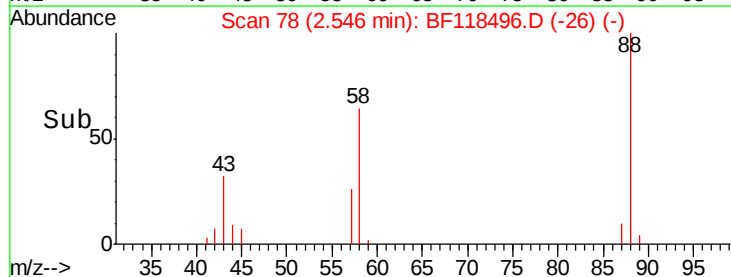
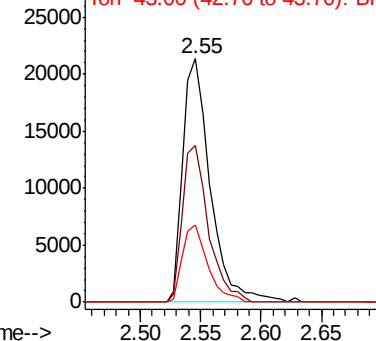
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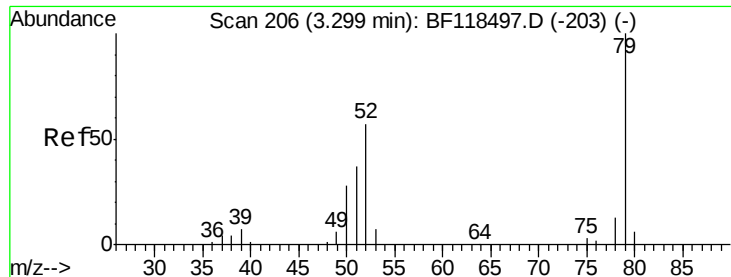
1,4-Dioxane
Concen: 22.605 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion: 88 Resp: 33560
Ion Ratio Lower Upper
88 100
58 60.5 48.3 72.5
43 29.1 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

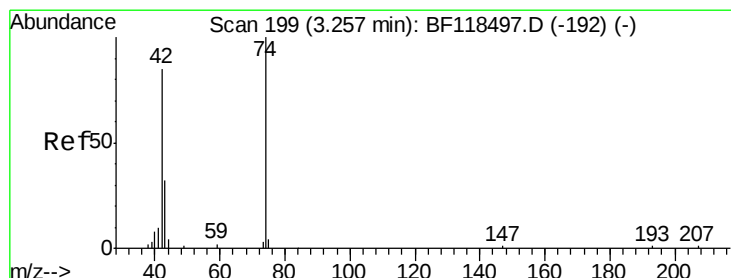
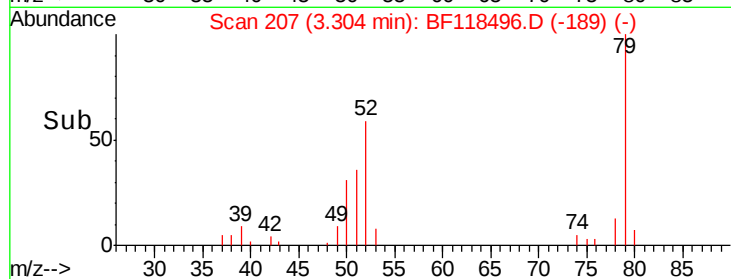
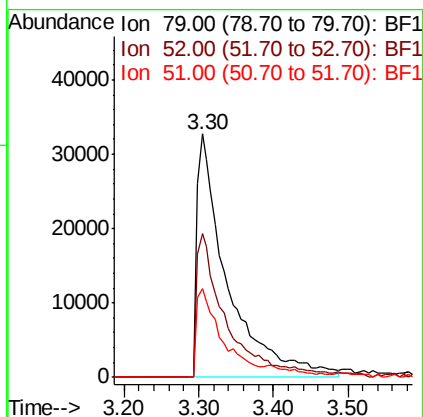
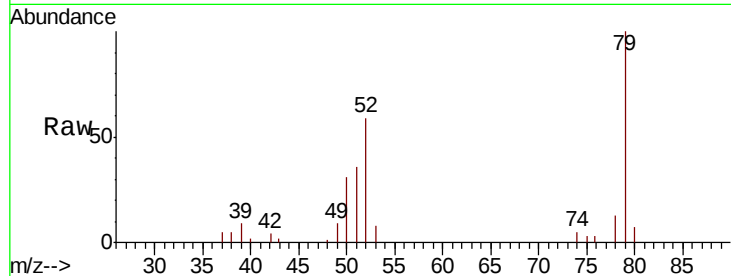




#3
 Pvridine
 Concen: 22.861 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

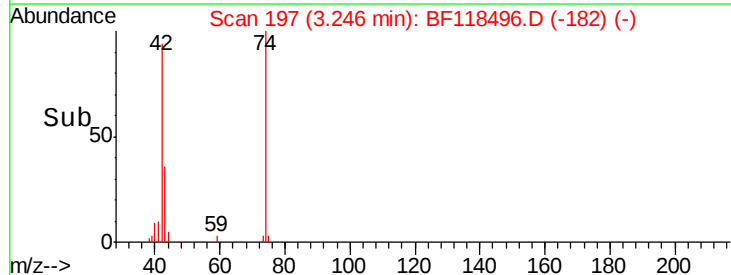
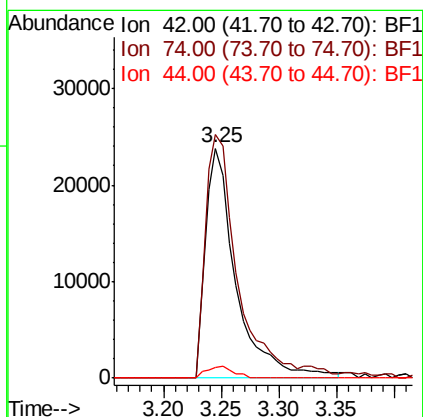
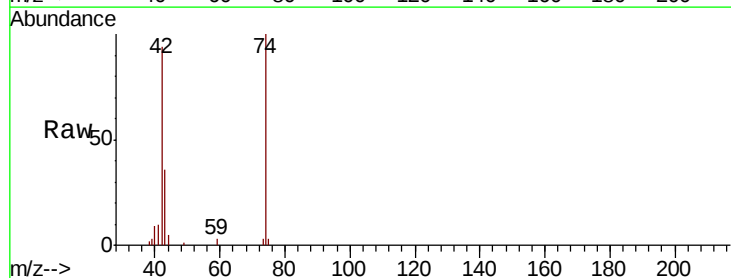
Instrument :
 BNA_F
 ClientSampleId :

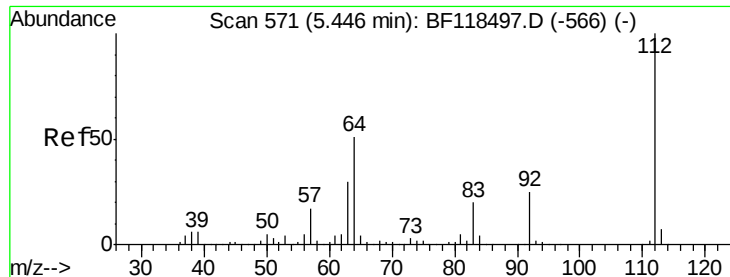
Tot Ion: 79 Resp: 93304
 Ion Ratio Lower Upper
 79 100
 52 59.1 45.9 68.9
 51 36.5 29.8 44.6



#4
 n-Nitrosodimethylamine
 Concen: 22.341 ng
 RT: 3.25 min Scan# 197
 Delta R.T. -0.01 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Tgt Ion: 42 Resp: 44067
 Ion Ratio Lower Upper
 42 100
 74 105.9 94.1 141.1
 44 4.8 4.1 6.1





#5

2-Fluorophenol

Concen: 44.159 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampleId :

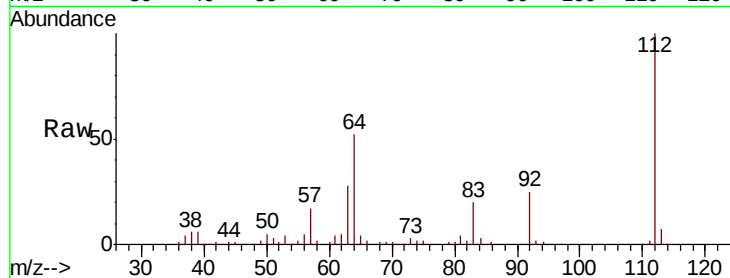
Tot Ion:112 Resp: 193867

Ion Ratio Lower Upper

112 100

64 52.2 41.1 61.7

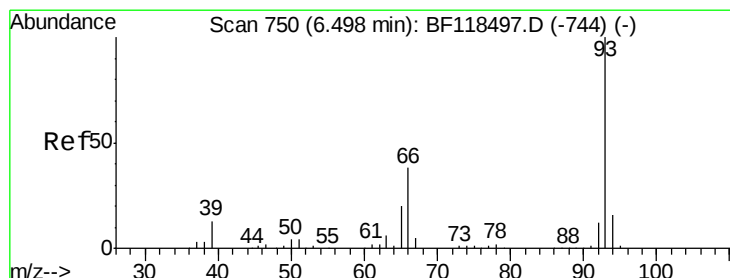
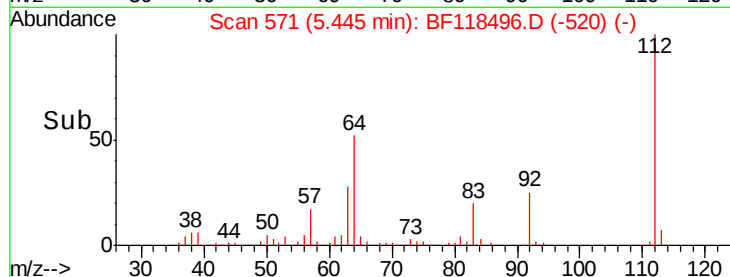
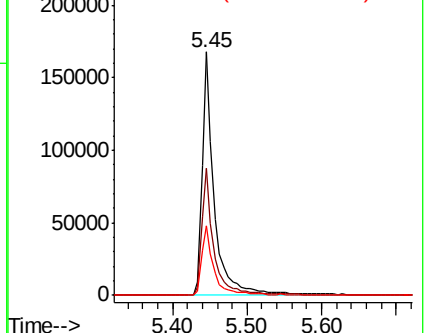
63 28.4 24.1 36.1



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: 22.070 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

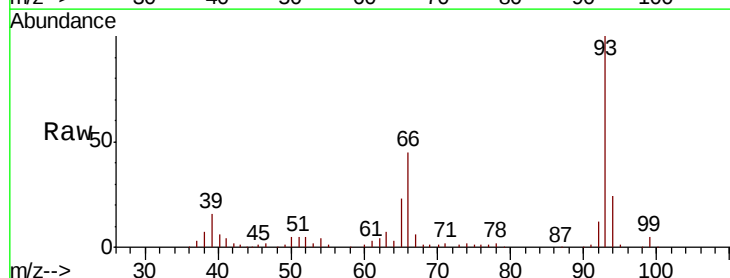
Tgt Ion: 93 Resp: 152800

Ion Ratio Lower Upper

93 100

66 44.7 33.4 50.0

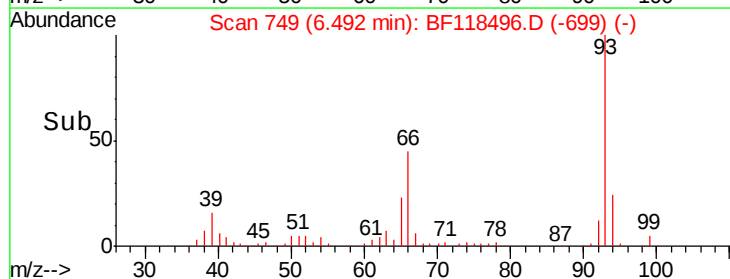
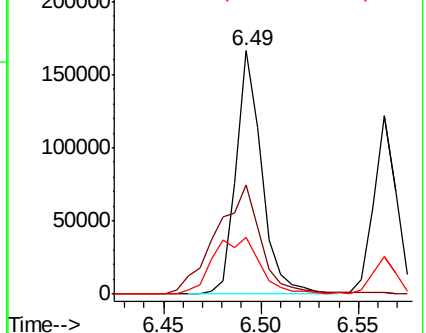
65 23.3 16.7 25.1

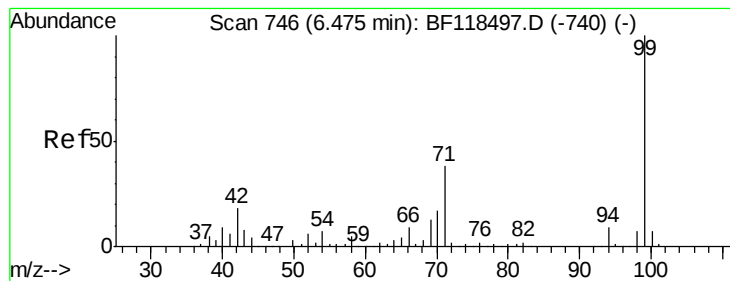


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 43.877 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampleId :

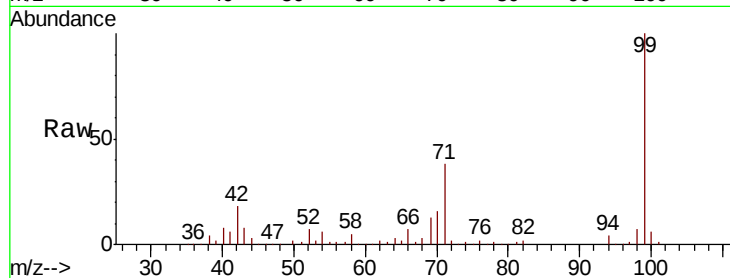
Tot Ion: 99 Resp: 245874

Ion Ratio Lower Upper

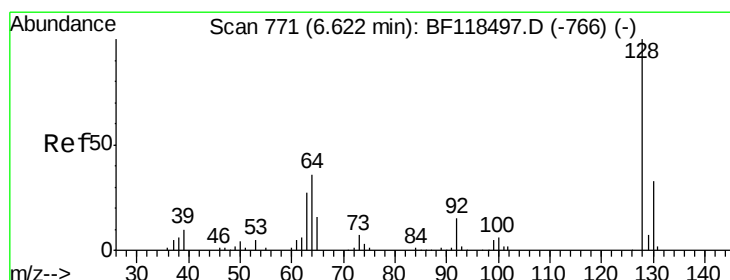
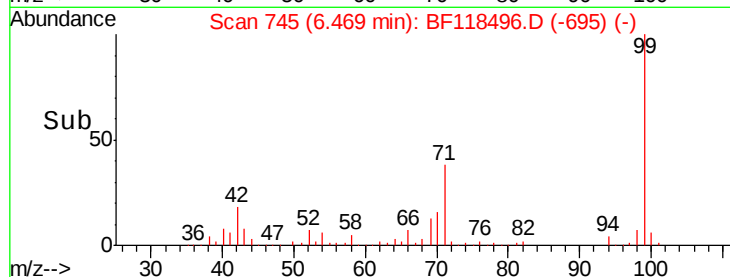
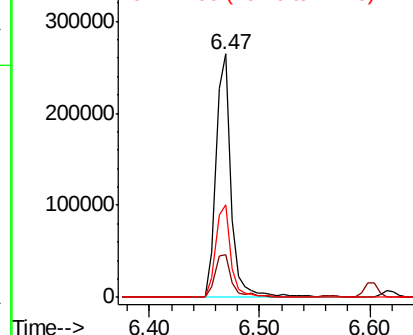
99 100

42 17.8 14.5 21.7

71 38.1 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: 22.360 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

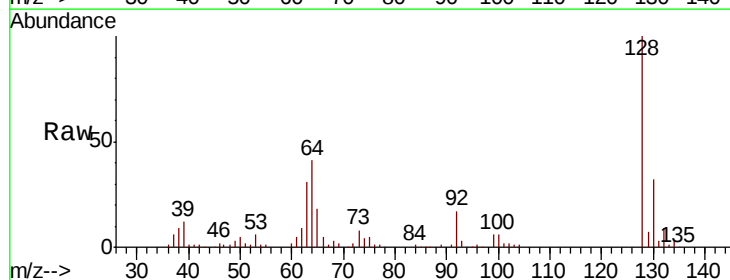
Tgt Ion: 128 Resp: 114424

Ion Ratio Lower Upper

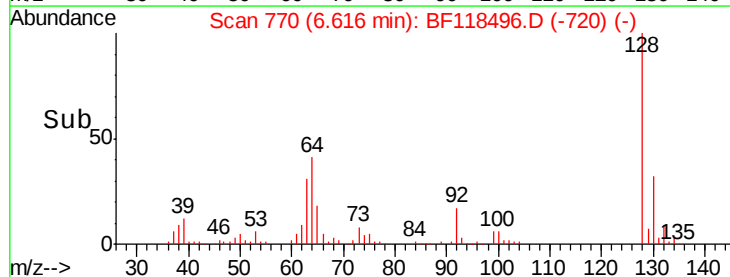
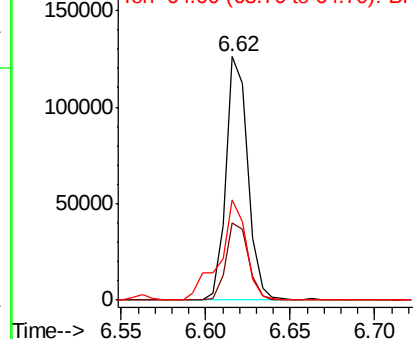
128 100

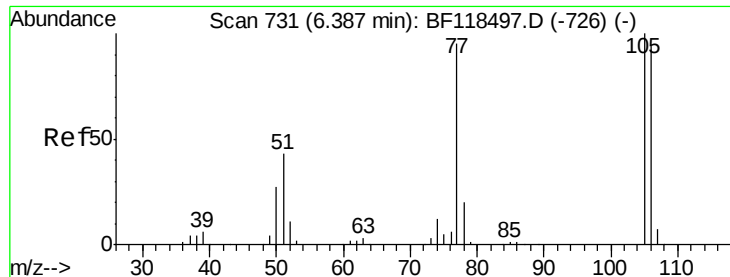
130 31.7 12.7 52.7

64 41.3 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: 23.541 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampleId :

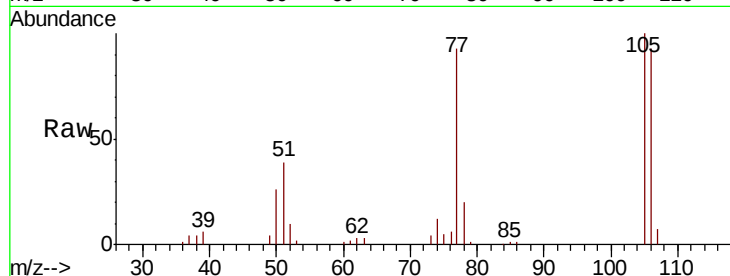
Tot Ion: 77 Resp: 72670

Ion Ratio Lower Upper

77 100

105 107.3 85.4 125.4

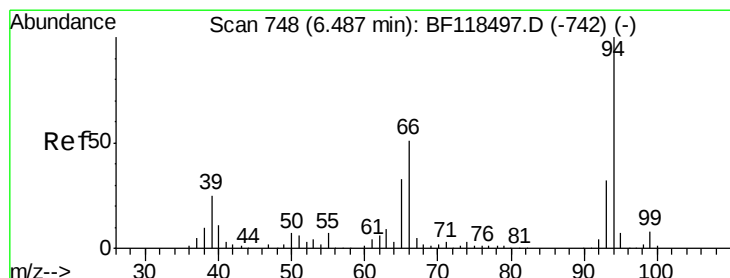
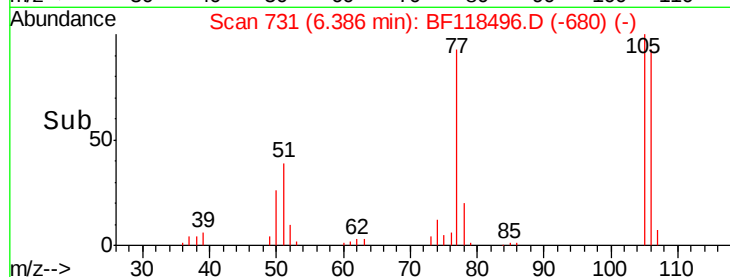
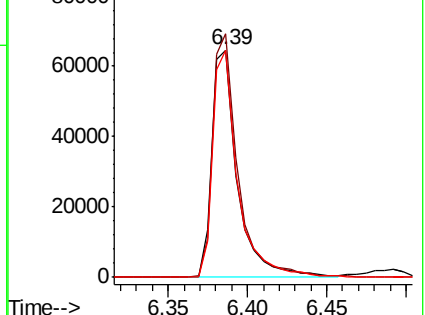
106 100.1 79.5 119.5



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: 21.258 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

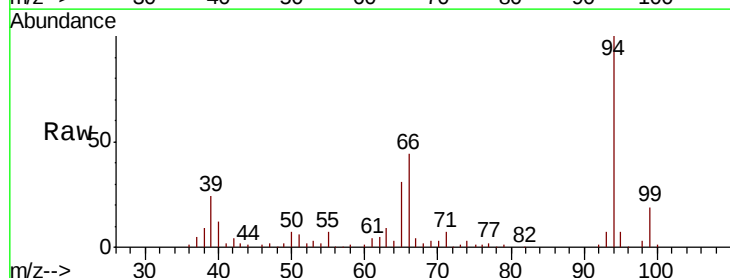
Tgt Ion: 94 Resp: 132775

Ion Ratio Lower Upper

94 100

65 30.9 13.3 53.3

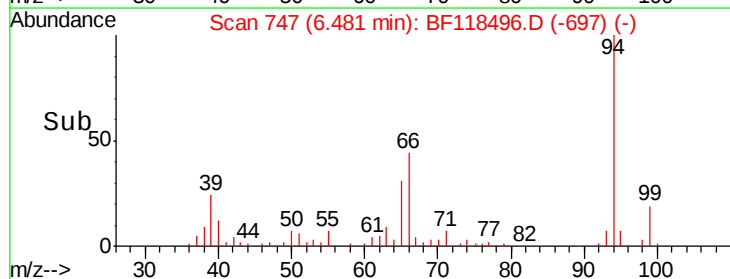
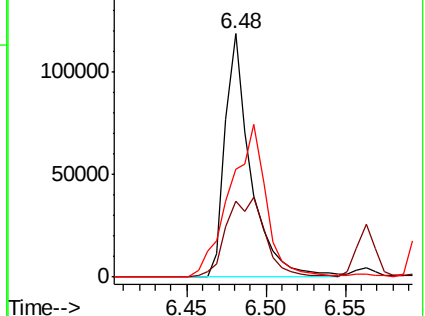
66 44.4 30.9 70.9

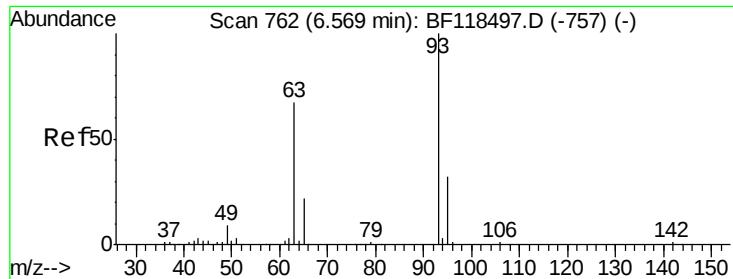


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

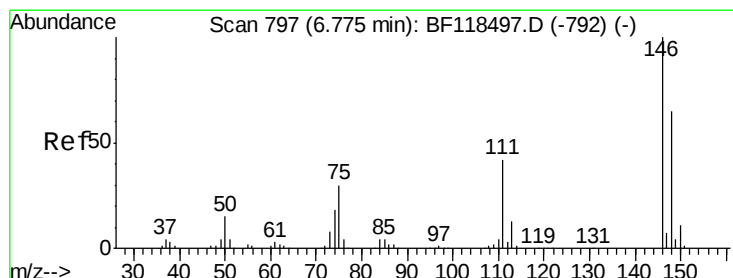
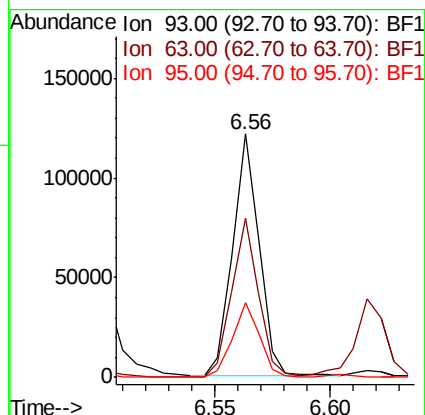
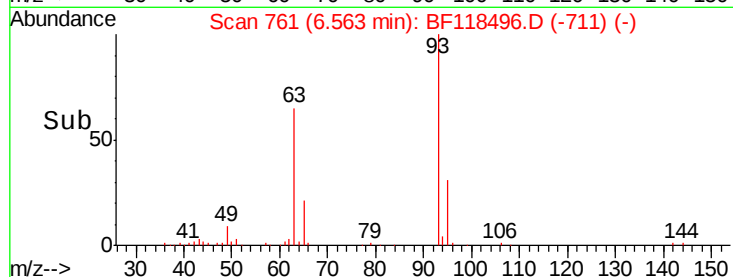
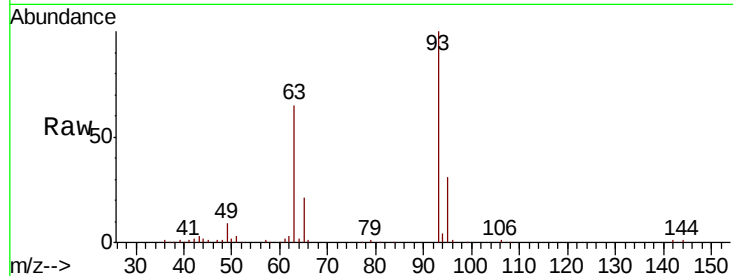




#11
bis(2-Chloroethyl)ether
Concen: 22.414 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

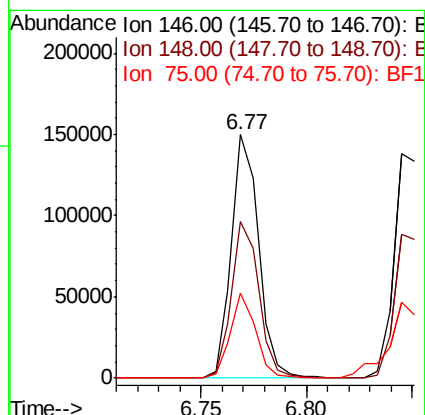
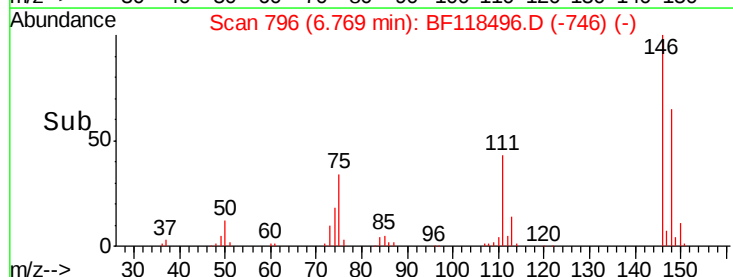
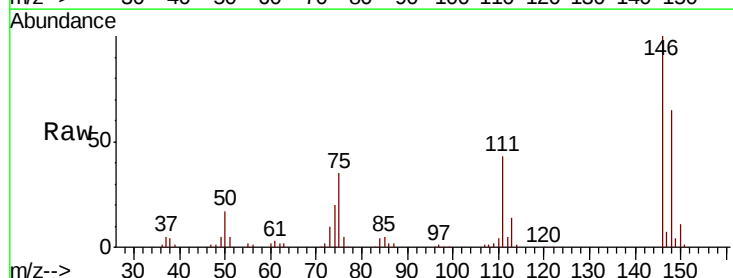
Instrument :
BNA_F
ClientSampleId :

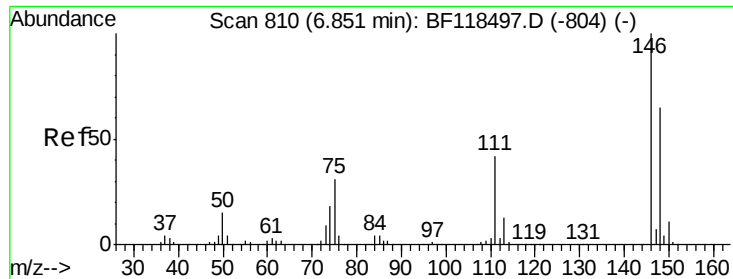
Tot Ion: 93 Resp: 96935
Ion Ratio Lower Upper
93 100
63 65.3 46.6 86.6
95 30.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 22.035 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion: 146 Resp: 133232
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
75 34.9 24.1 36.1

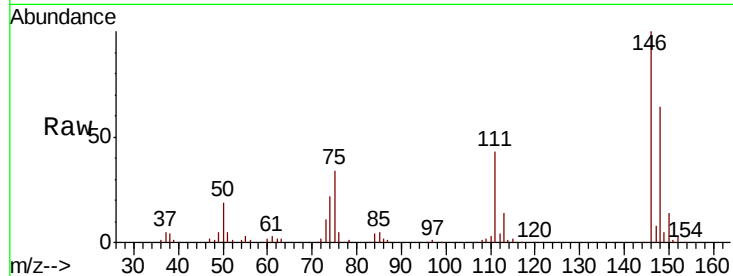




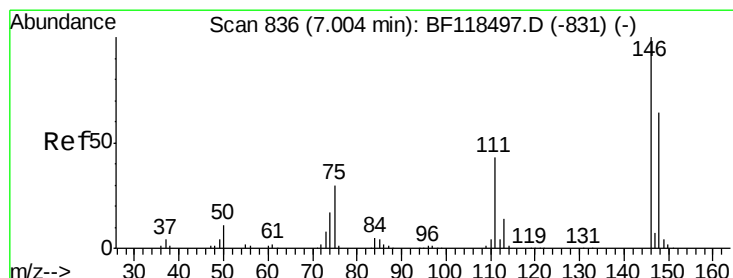
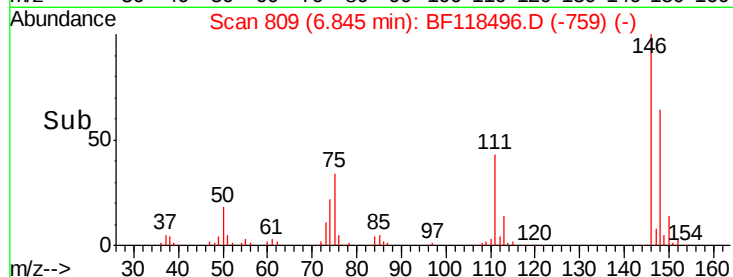
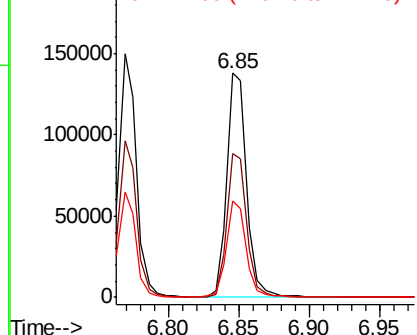
#13
 1,4-Dichlorobenzene
 Concen: 21.971 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 134722
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 43.3 33.2 49.8

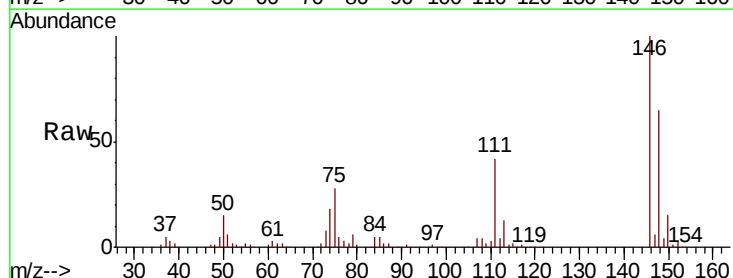


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

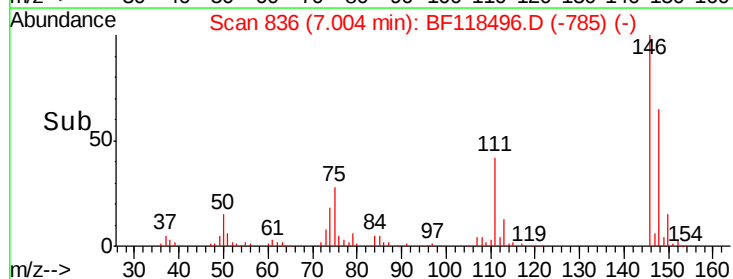
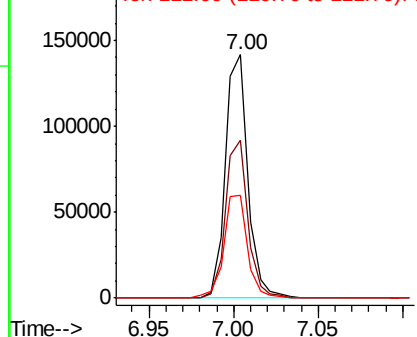


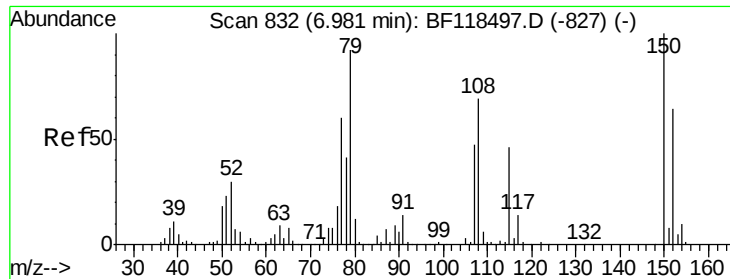
#14
 1,2-Dichlorobenzene
 Concen: 22.870 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Tgt Ion:146 Resp: 131607
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.3 76.9
 111 42.3 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

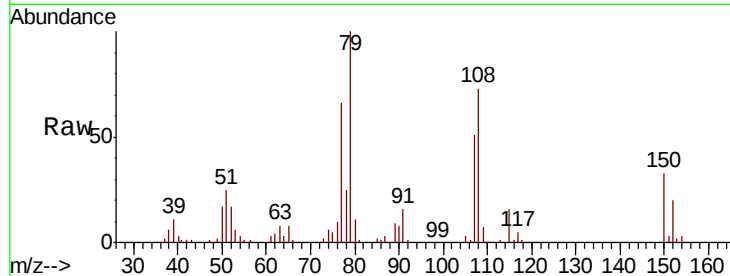




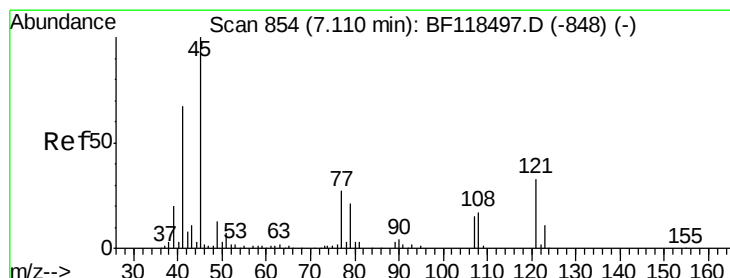
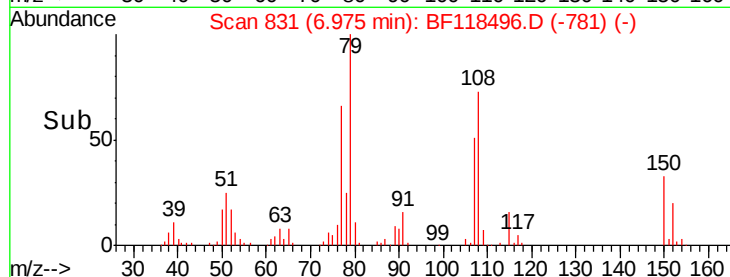
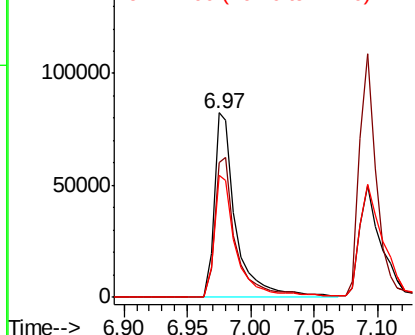
#15
Benzyl Alcohol
Concen: 22.094 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 99232
Ion Ratio Lower Upper
79 100
108 73.2 60.2 90.2
77 66.3 51.8 77.8

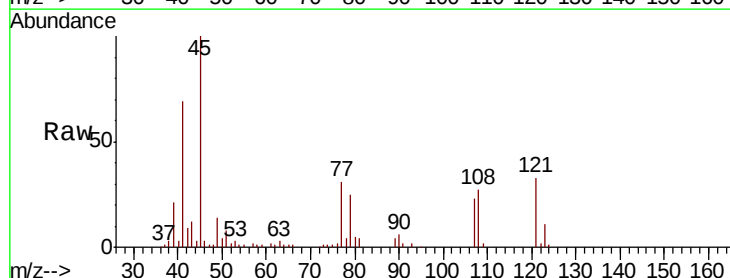


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

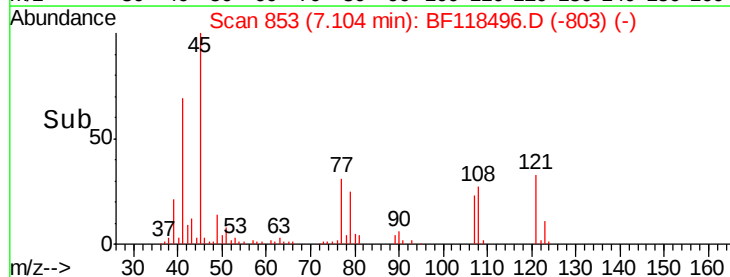
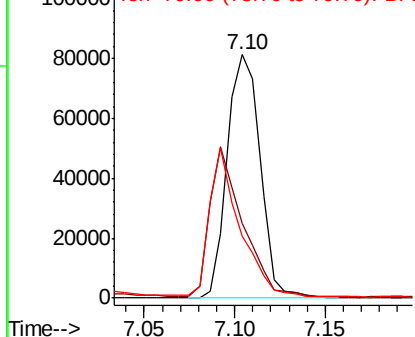


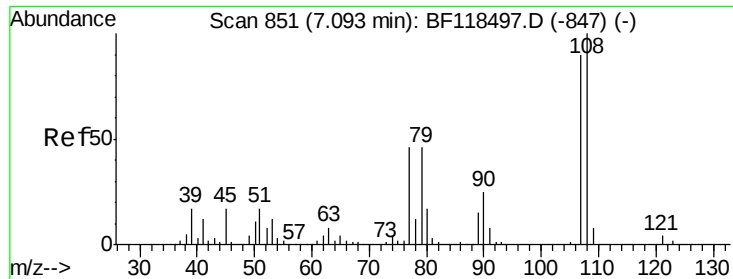
#16
2,2'-oxybis(1-chloropropane)
Concen: 21.243 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion: 45 Resp: 102597
Ion Ratio Lower Upper
45 100
77 30.8 7.6 47.6
79 25.5 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

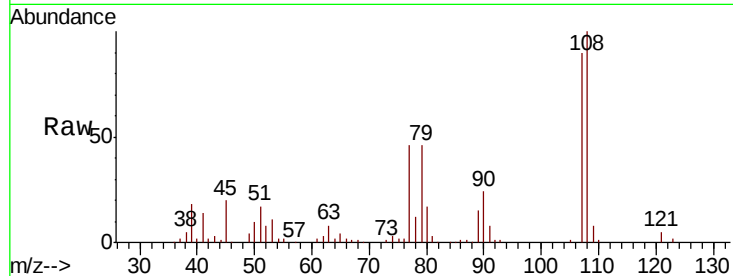




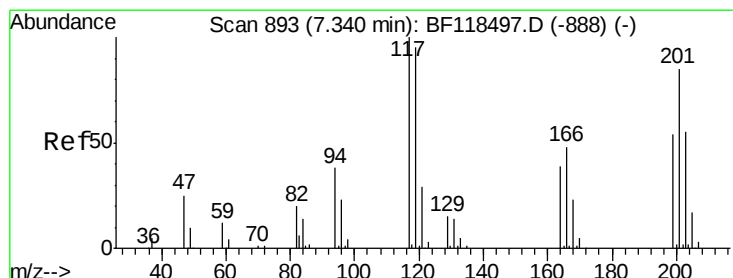
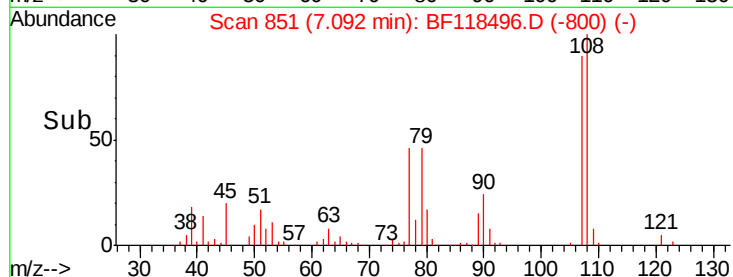
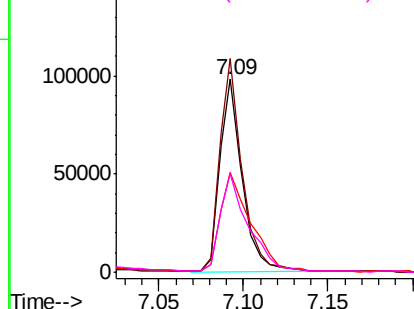
#17
2-Methylphenol
Concen: 21.980 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 91206
Ion Ratio Lower Upper
107 100
108 110.7 88.9 133.3
77 51.5 41.2 61.8
79 51.1 41.6 62.4

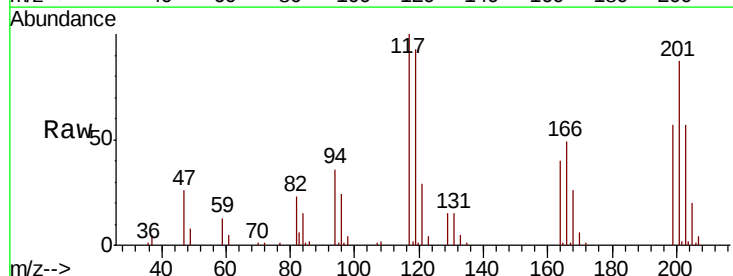


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

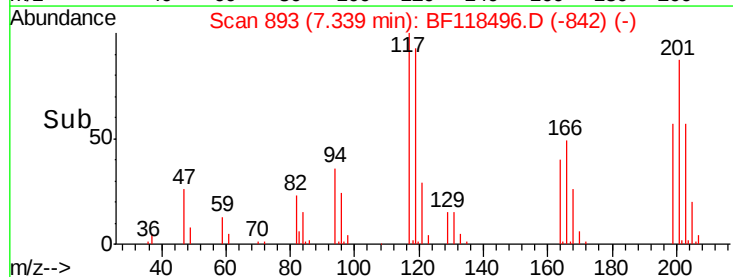
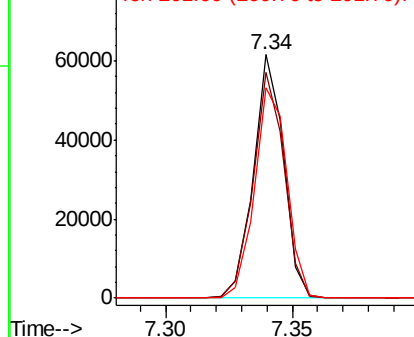


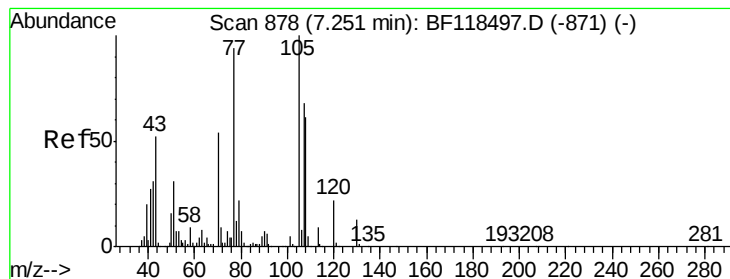
#18
Hexachloroethane
Concen: 22.659 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:117 Resp: 51081
Ion Ratio Lower Upper
117 100
119 92.8 76.2 114.4
201 86.5 67.7 101.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 22.171 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 77307

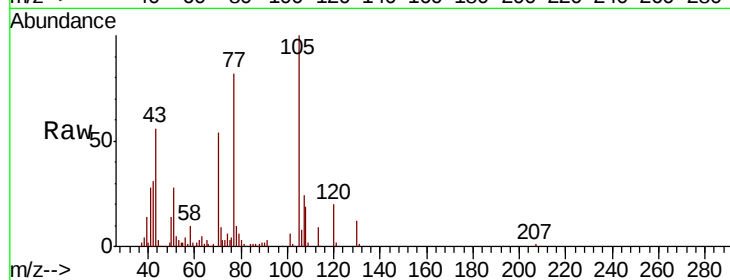
Ion Ratio Lower Upper

70 100

42 58.1 45.6 68.4

101 10.3 8.2 12.2

130 21.9 19.2 28.8

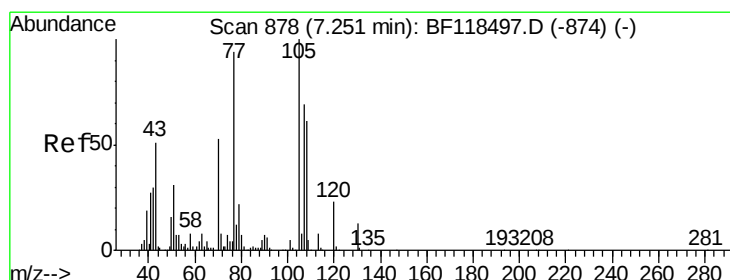
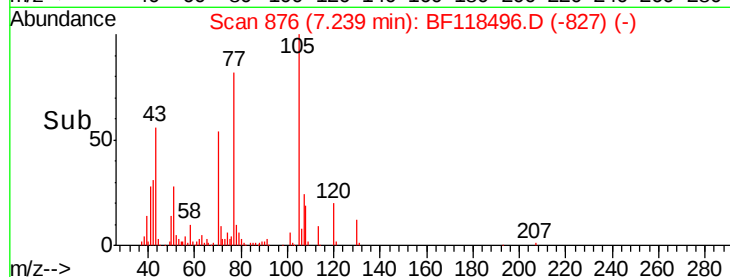
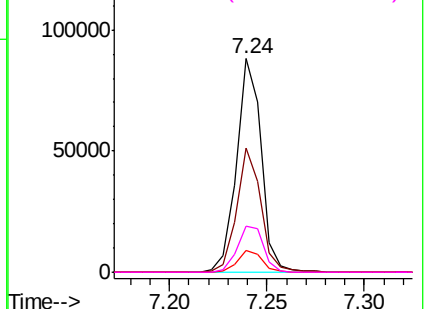


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 22.266 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Tgt Ion: 107 Resp: 121088

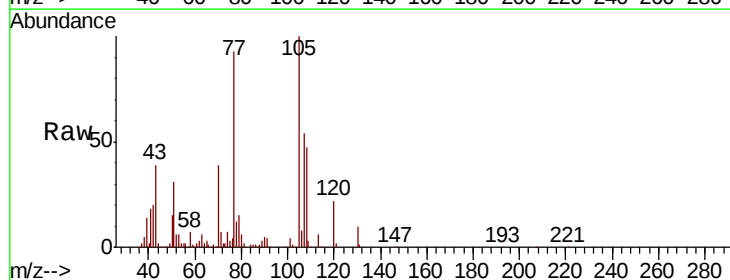
Ion Ratio Lower Upper

107 100

108 86.1 68.9 108.9

77 170.6 116.8 156.8#

79 27.7 11.7 51.7

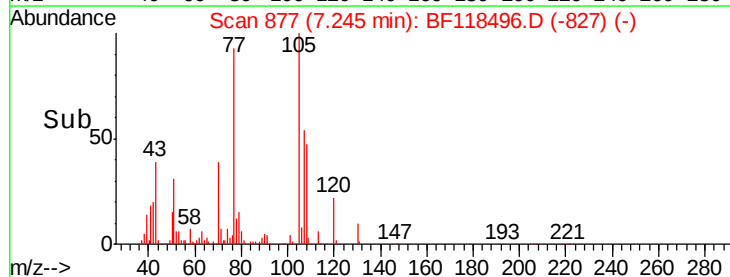
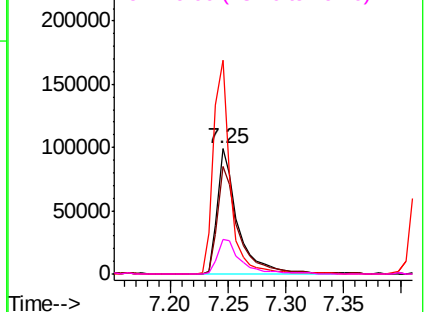


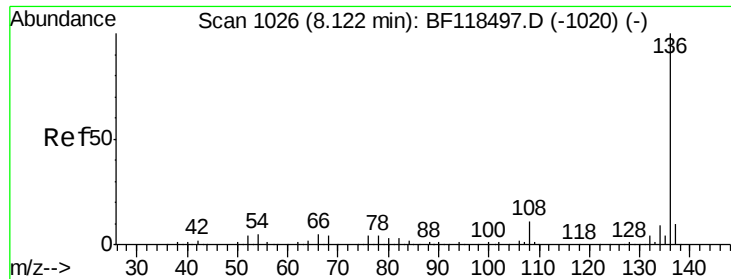
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

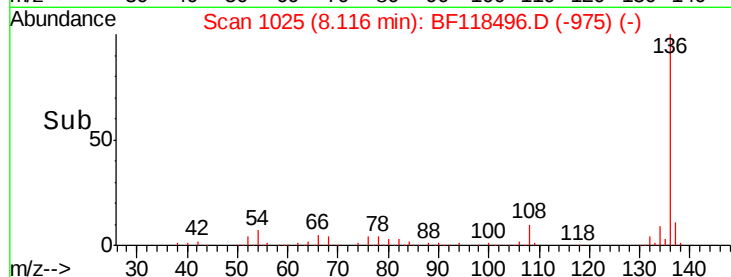
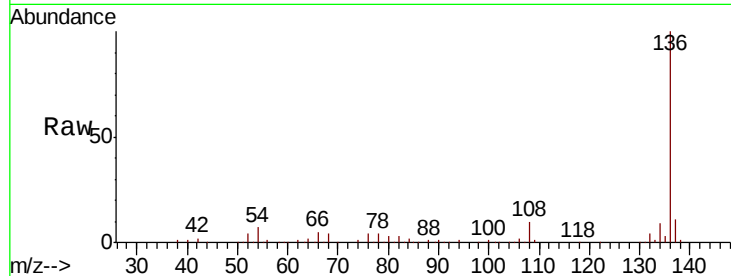
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 315622

Ion Ratio Lower Upper

136	100		
137	11.0	8.3	12.5
54	6.6	4.2	6.2#
68	4.3	3.3	4.9



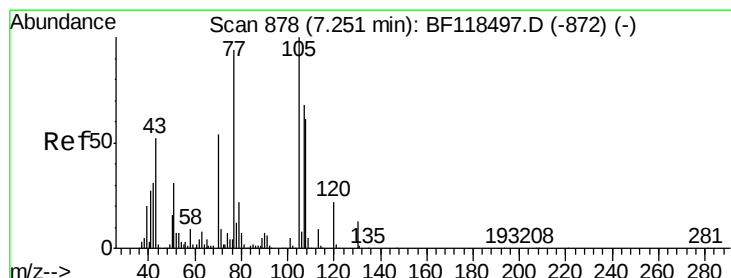
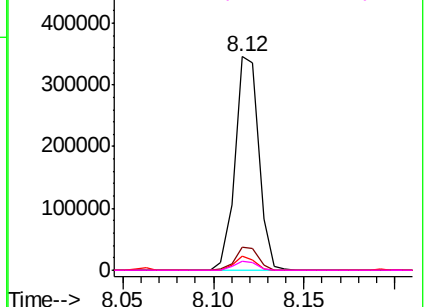
Abundance

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: 21.301 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

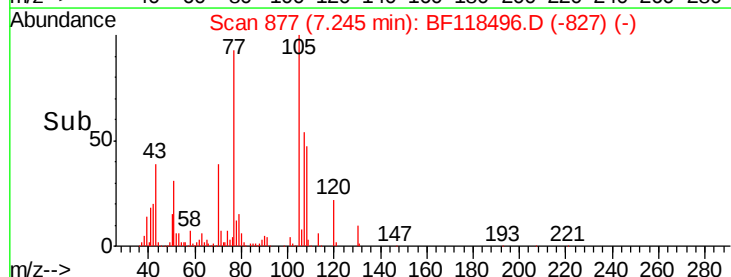
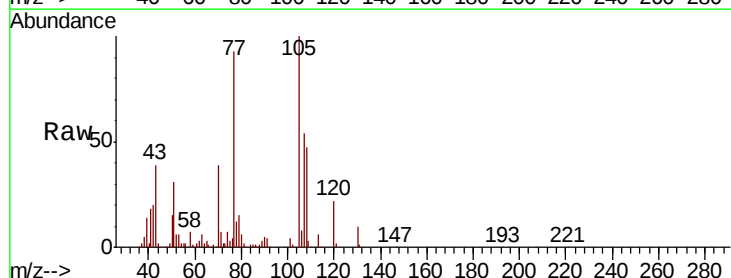
Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Tgt Ion:105 Resp: 172412

Ion Ratio Lower Upper

105	100		
71	6.7	6.9	10.3#
51	30.9	25.0	37.4
120	22.2	18.0	27.0



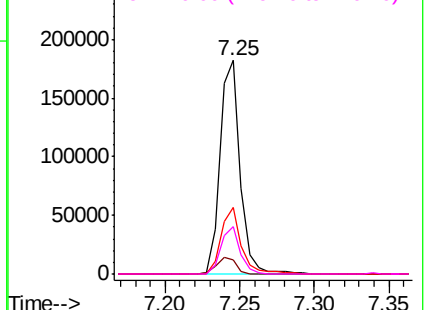
Abundance

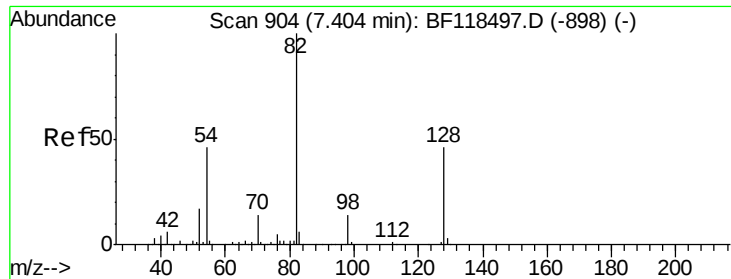
Ion 105.00 (104.70 to 105.70): E

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

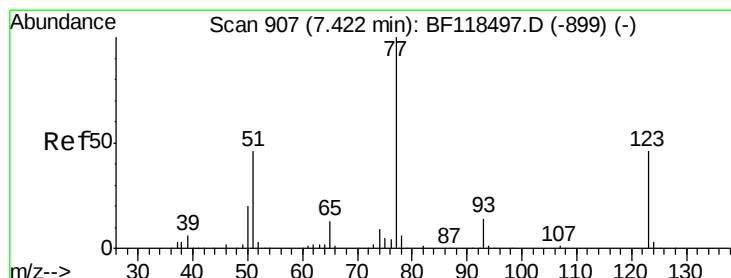
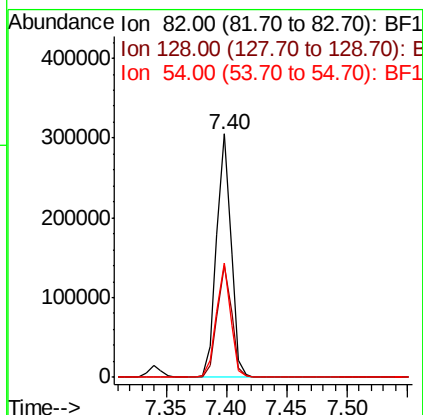
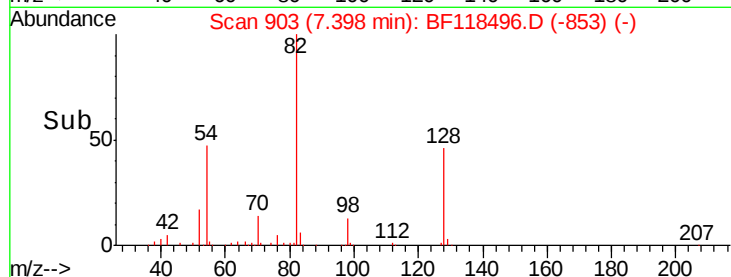
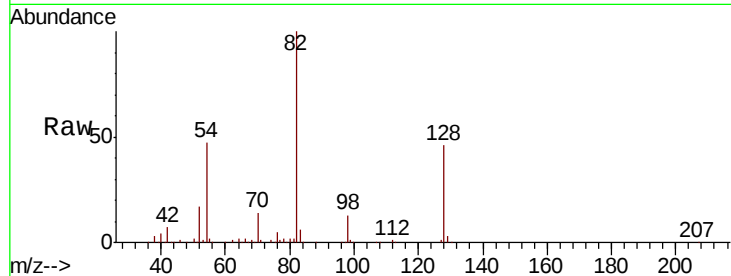




#23
Nitrobenzene-d5
Concen: 43.087 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

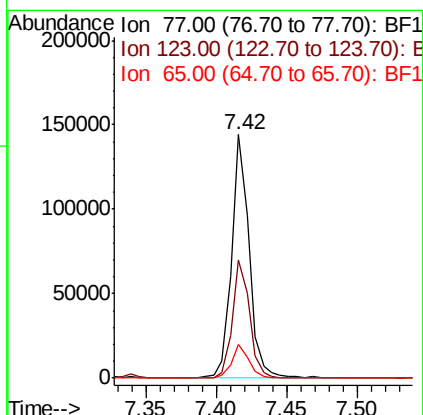
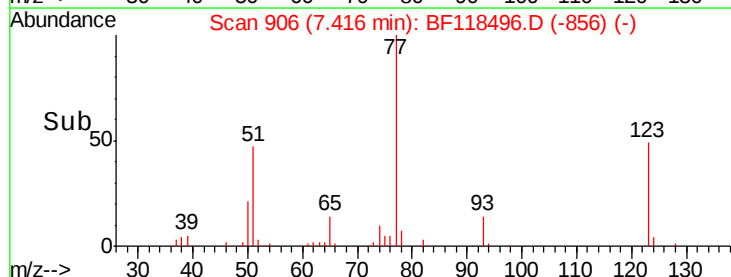
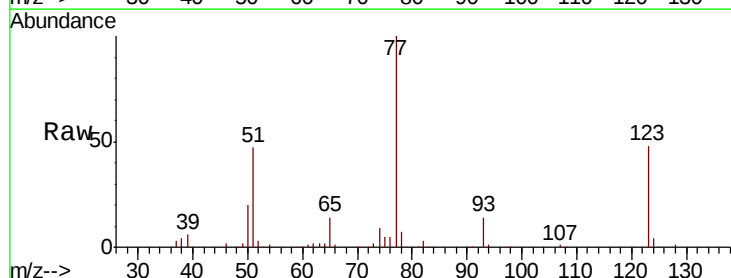
Instrument :
BNA_F
ClientSampleId :

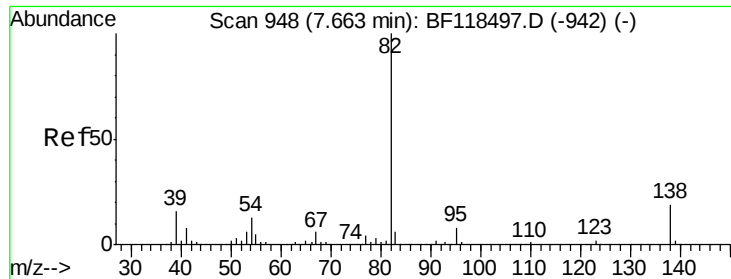
Tot Ion: 82 Resp: 251067
Ion Ratio Lower Upper
82 100
128 45.8 36.6 54.8
54 47.1 37.0 55.6



#24
Nitrobenzene
Concen: 21.648 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion: 77 Resp: 124742
Ion Ratio Lower Upper
77 100
123 48.3 37.0 55.4
65 13.9 10.7 16.1





#25

Isophorone

Concen: 21.301 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampleId :

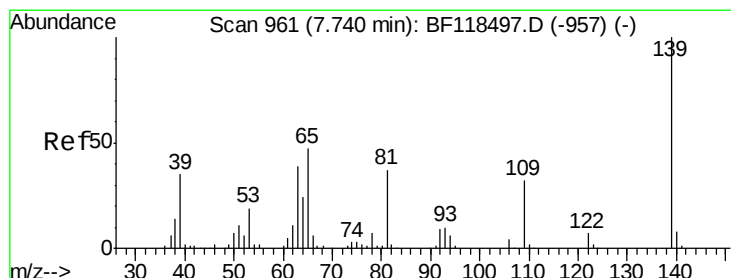
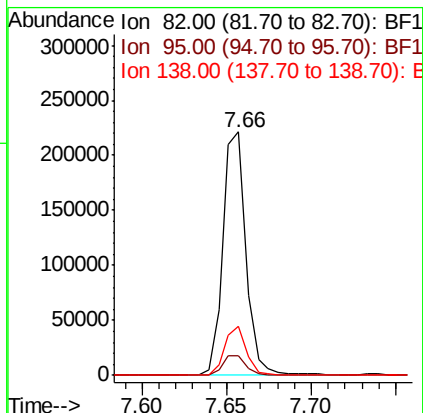
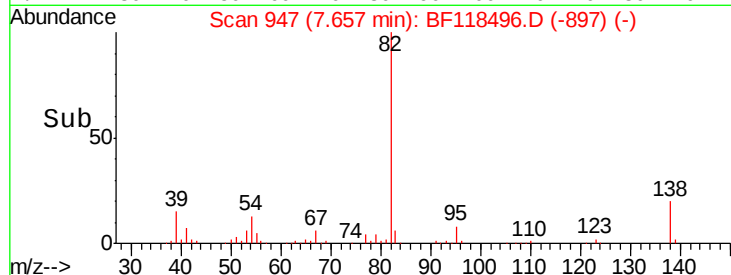
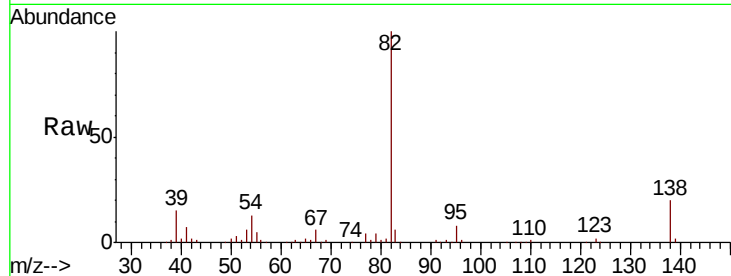
Tot Ion: 82 Resp: 211596

Ion Ratio Lower Upper

82 100

95 8.1 6.6 9.8

138 19.9 15.4 23.2



#26

2-Nitrophenol

Concen: 19.792 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

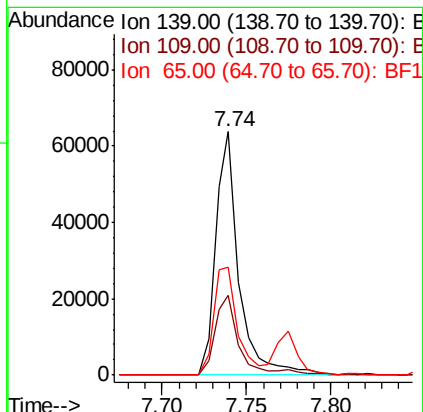
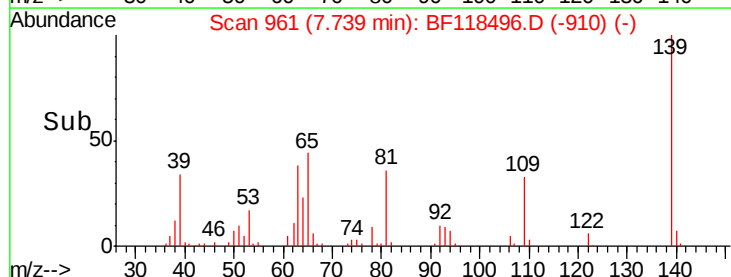
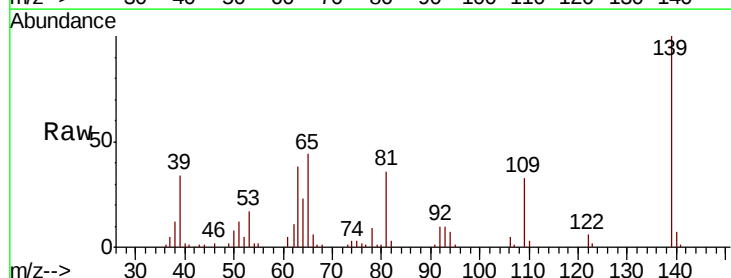
Tgt Ion: 139 Resp: 60952

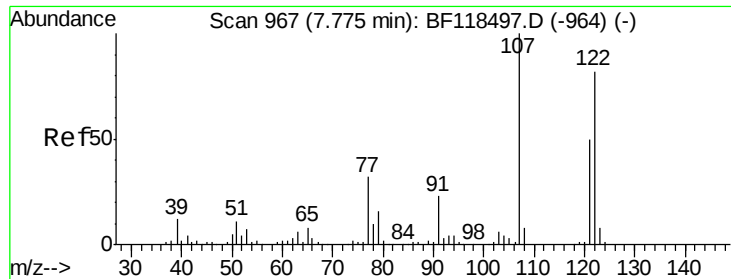
Ion Ratio Lower Upper

139 100

109 32.5 25.7 38.5

65 44.2 37.8 56.6

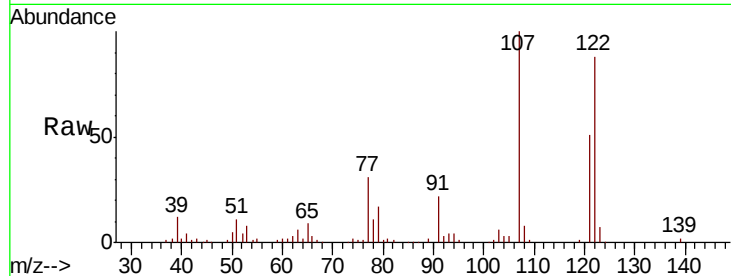




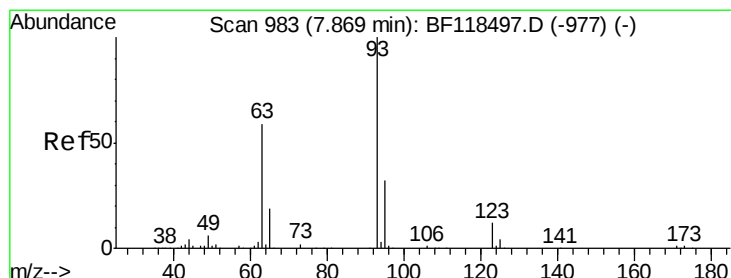
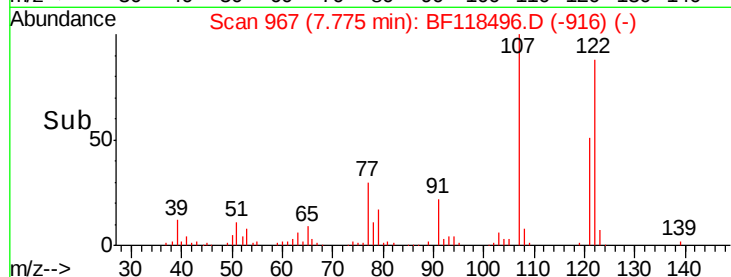
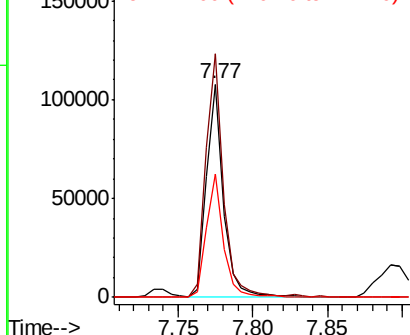
#27
 2,4-Dimethylphenol
 Concen: 21.023 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 84767
 Ion Ratio Lower Upper
 122 100
 107 114.3 97.9 146.9
 121 58.0 49.0 73.4

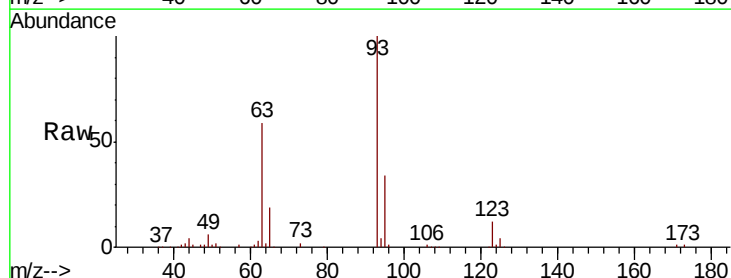


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

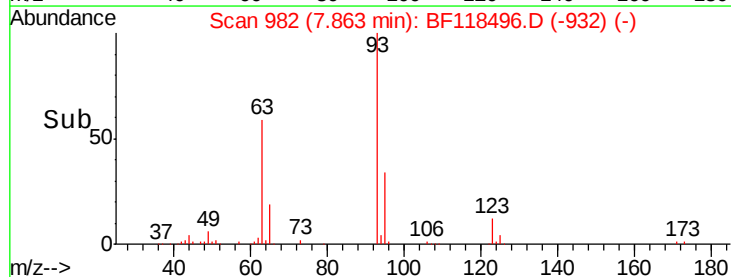
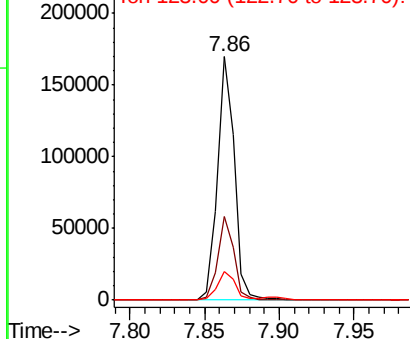


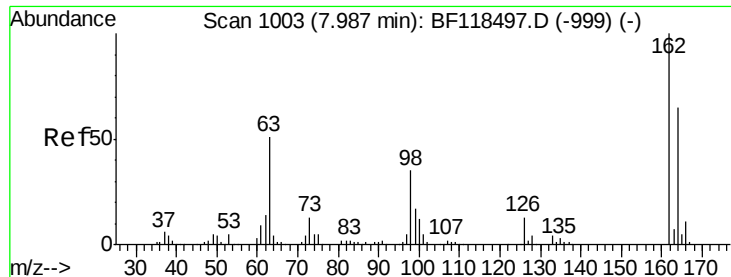
#28
 bis(2-Chloroethoxy)methane
 Concen: 21.370 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Tgt Ion: 93 Resp: 134302
 Ion Ratio Lower Upper
 93 100
 95 34.2 25.9 38.9
 123 11.5 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

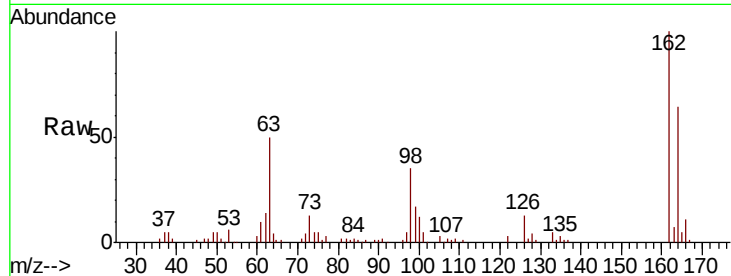




#29
 2,4-Dichlorophenol
 Concen: 19.944 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	94827
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.8	84.8
98	35.2	15.1	55.1

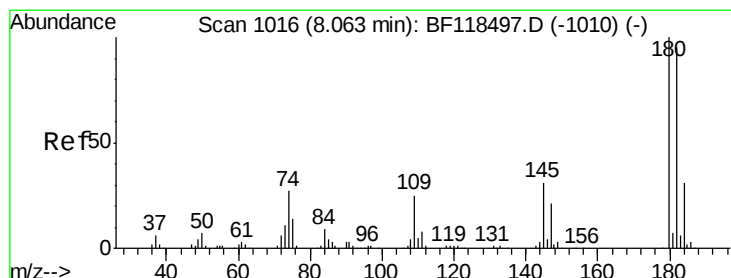
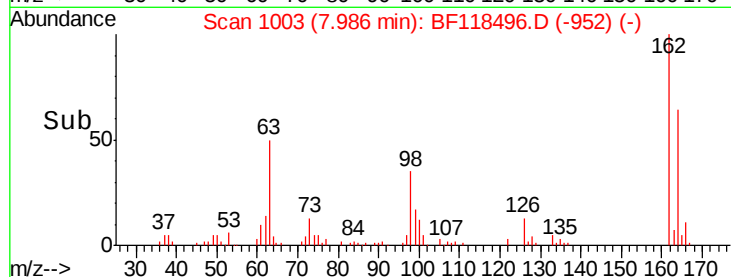
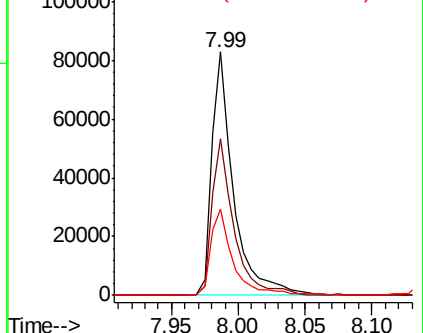


Abundance

Ion 162.00 (161.70 to 162.70): E

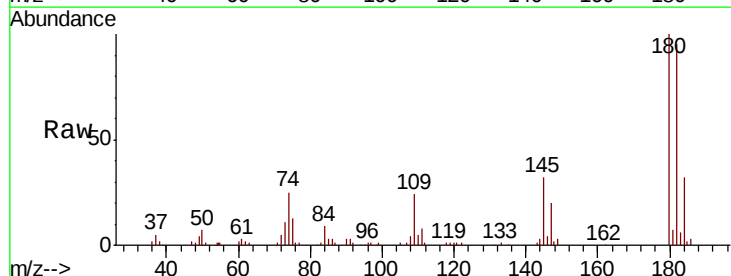
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 19.386 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Tgt Ion	180	Resp	109072
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	32.2	25.0	37.6

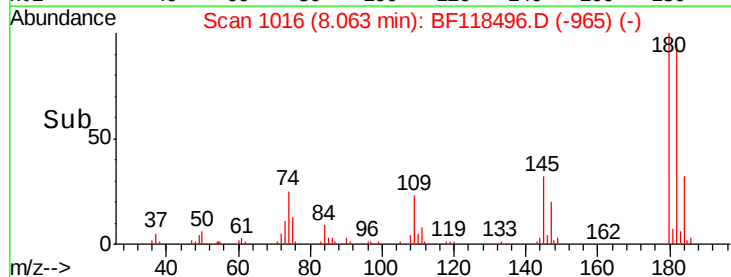
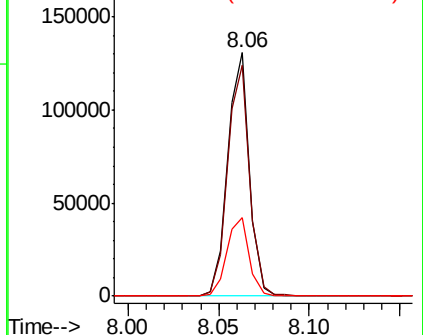


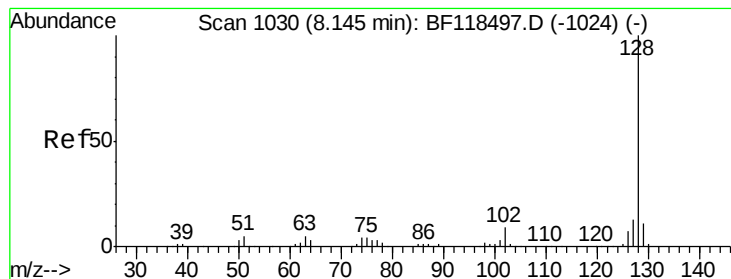
Abundance

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: 20.782 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampled :

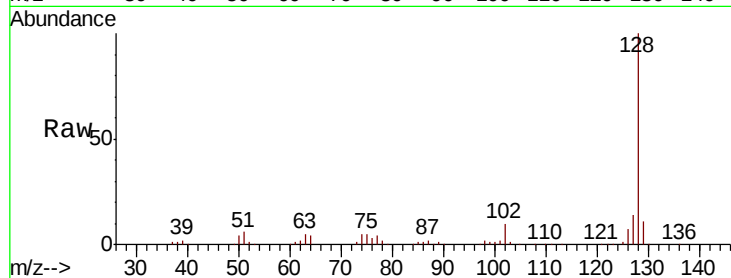
Tot Ion:128 Resp: 344945

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

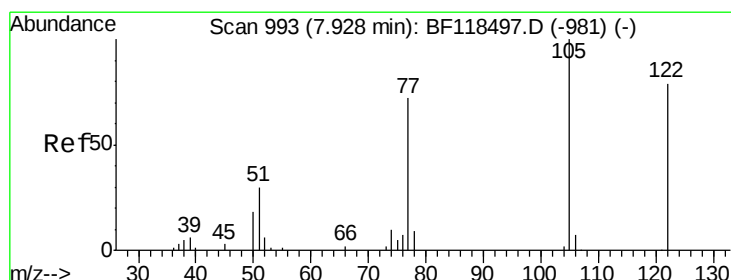
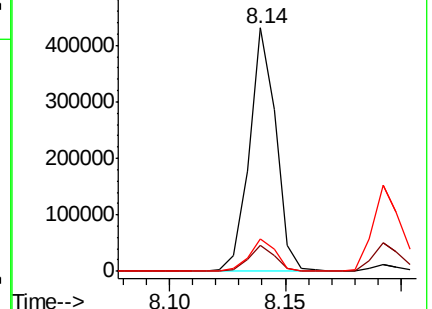
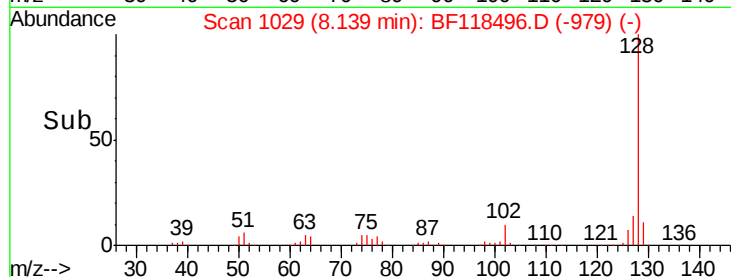
127 13.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.588 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.04 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

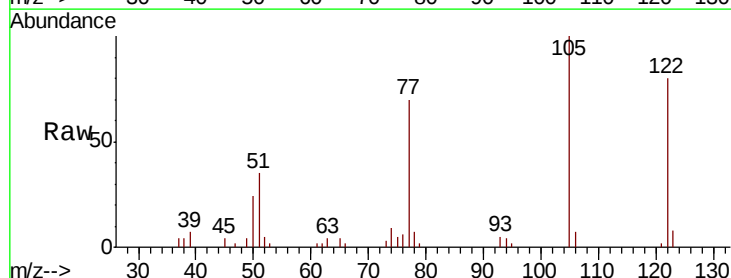
Tgt Ion:122 Resp: 38178

Ion Ratio Lower Upper

122 100

105 125.3 105.7 145.7

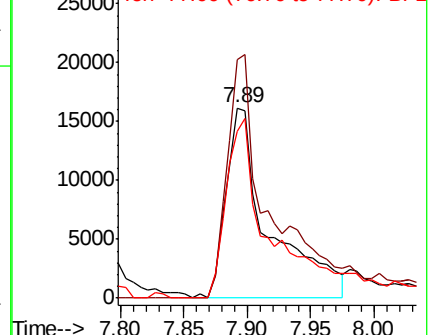
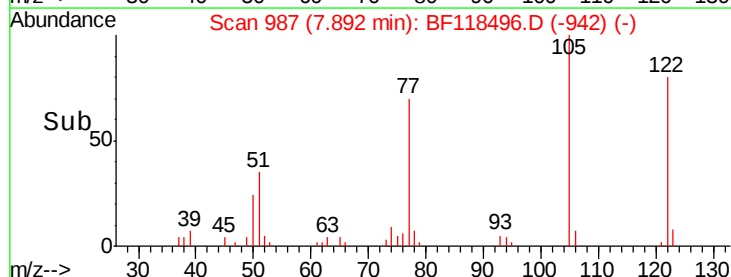
77 87.9 71.0 111.0

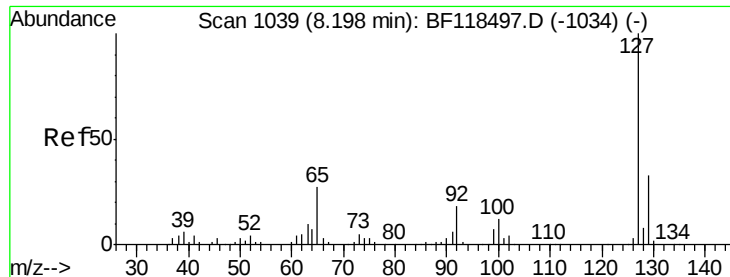


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

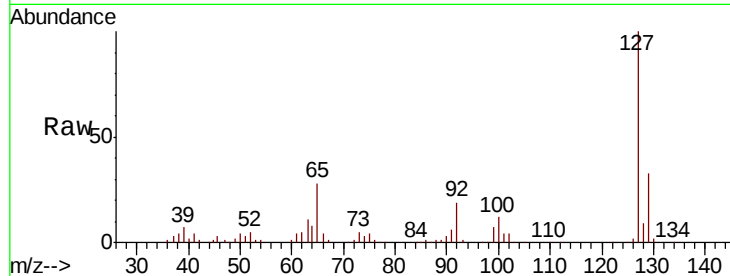




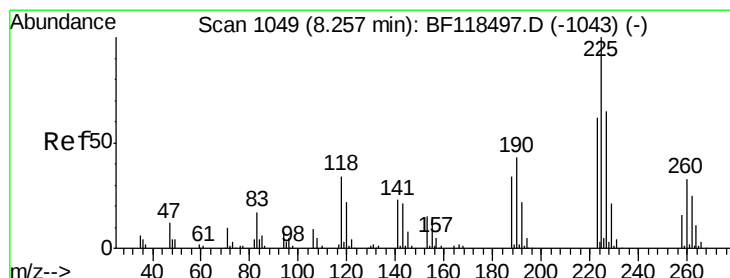
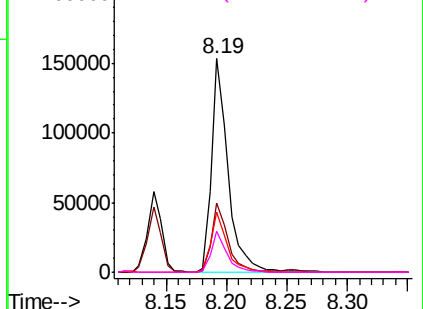
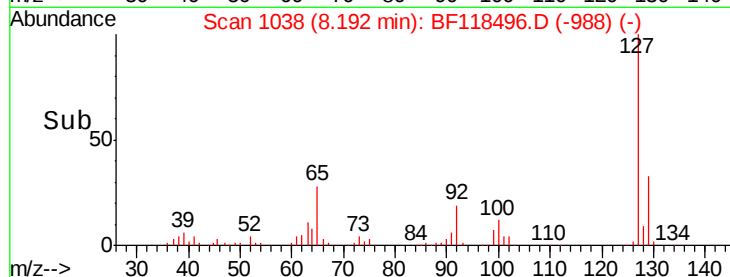
#33
4-Chloroaniline
Concen: 20.764 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	144523
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	28.1	21.6	32.4
92	19.5	14.3	21.5

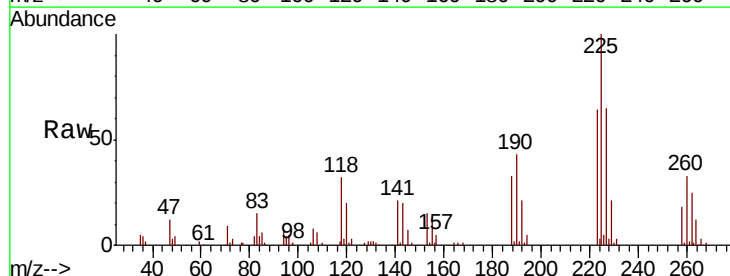


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

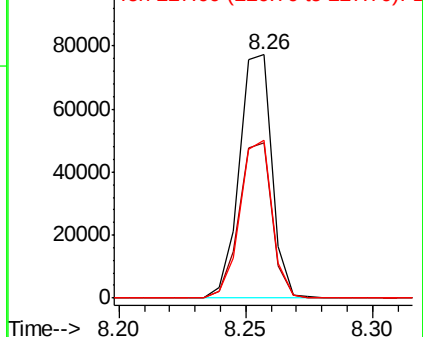
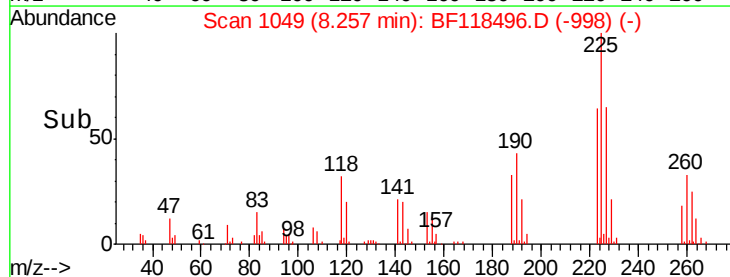


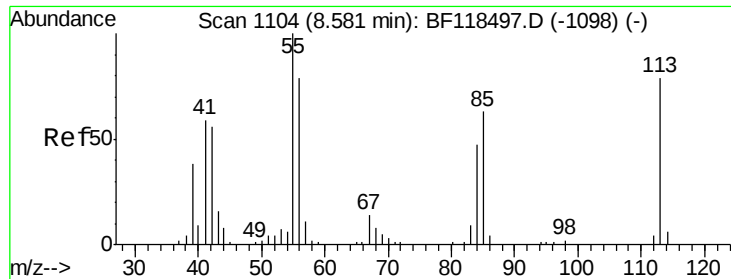
#34
Hexachlorobutadiene
Concen: 20.539 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:	225	Resp:	68939
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.9	74.9
227	64.6	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

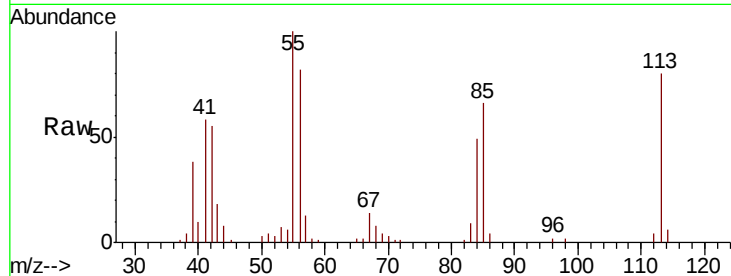




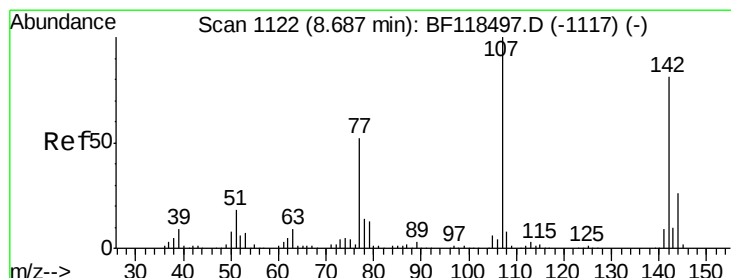
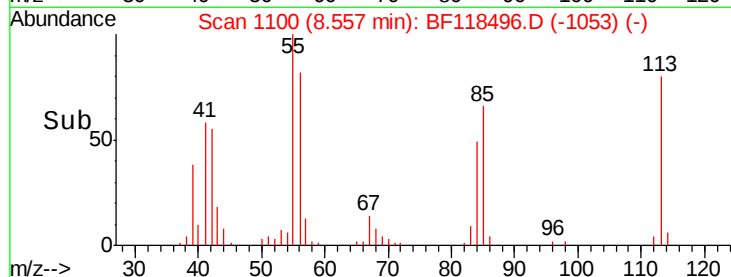
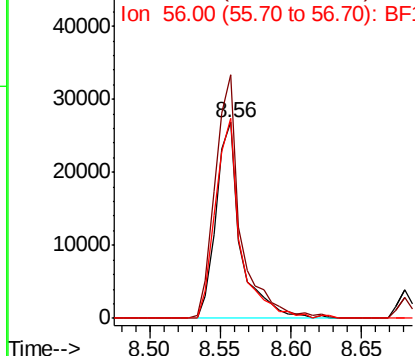
#35
 Caprolactam
 Concen: 21.650 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 32495
 Ion Ratio Lower Upper
 113 100
 55 124.5 106.5 146.5
 56 102.1 80.1 120.1

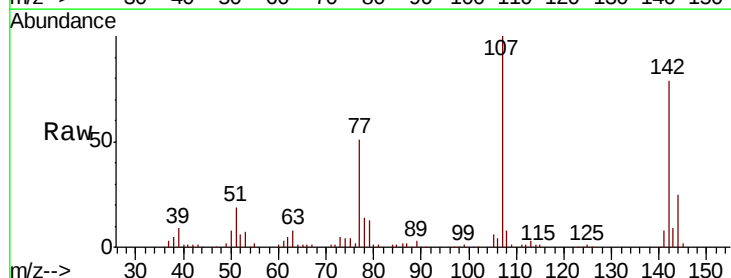


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

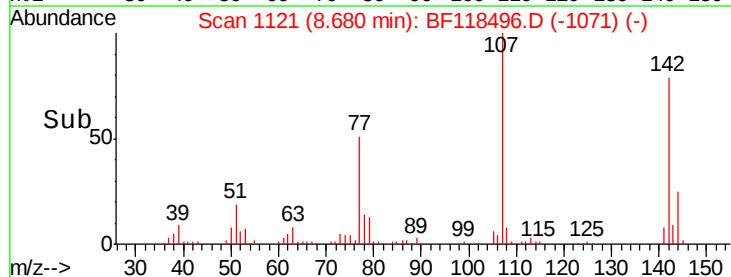
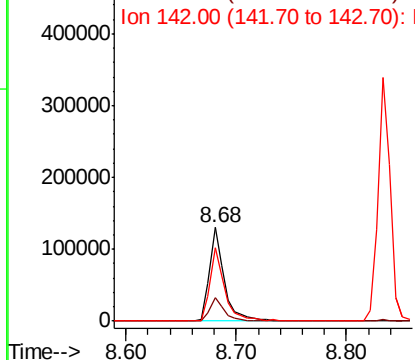


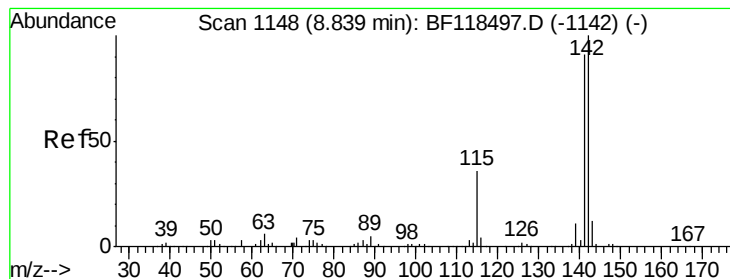
#36
 4-Chloro-3-methylphenol
 Concen: 23.657 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Tgt Ion:107 Resp: 118364
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.6 31.0
 142 78.8 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: 23.153 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampleId :

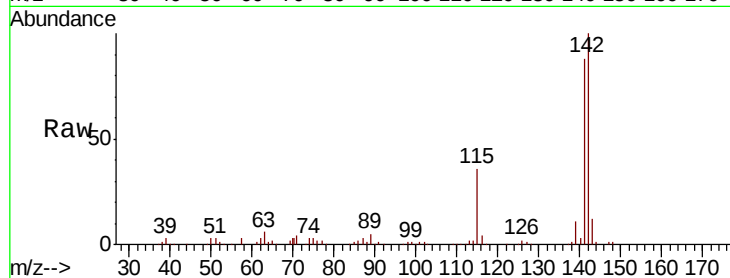
Tot Ion:142 Resp: 262716

Ion Ratio Lower Upper

142 100

141 88.3 73.0 109.6

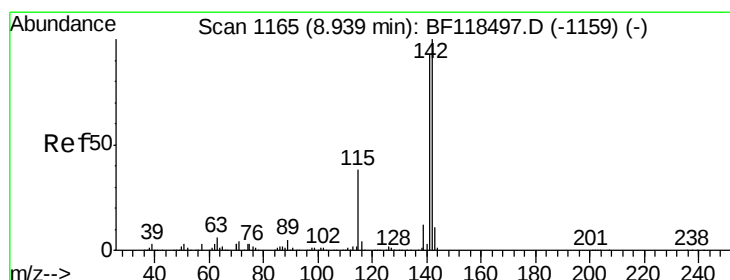
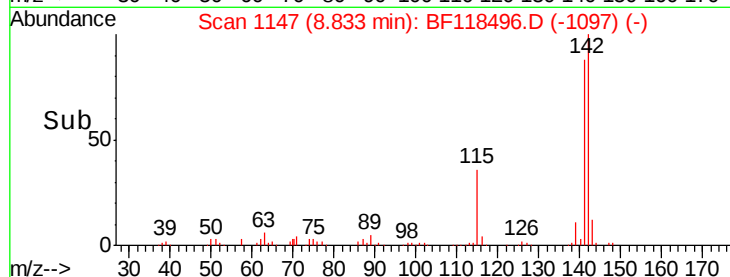
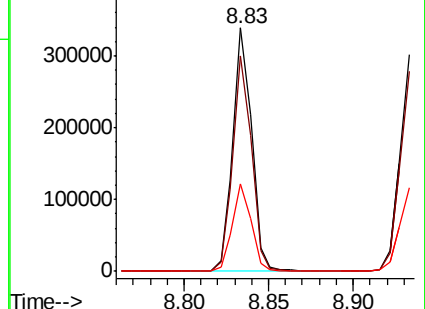
115 35.8 28.4 42.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 21.809 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

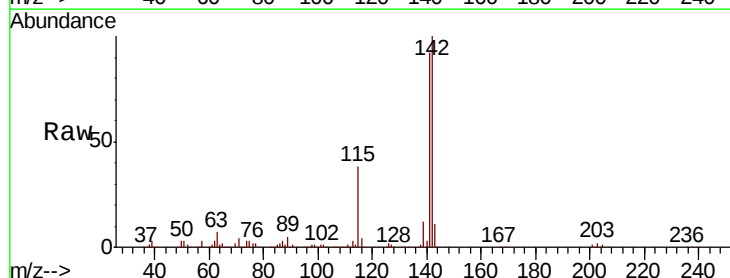
Tgt Ion:142 Resp: 236843

Ion Ratio Lower Upper

142 100

141 92.4 74.3 111.5

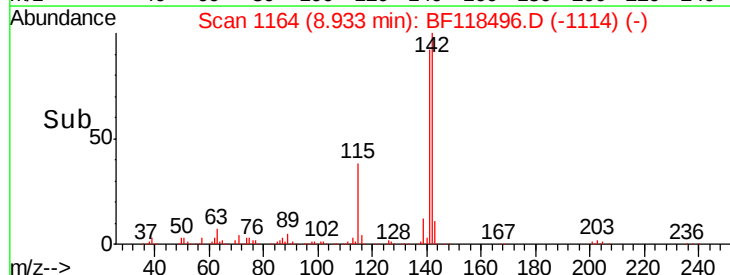
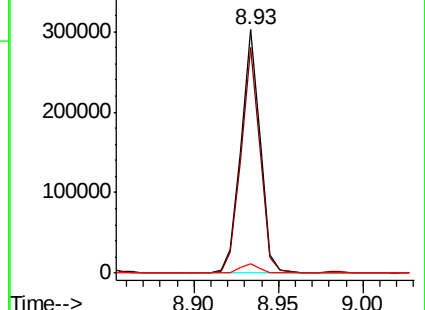
116 3.7 3.2 4.8

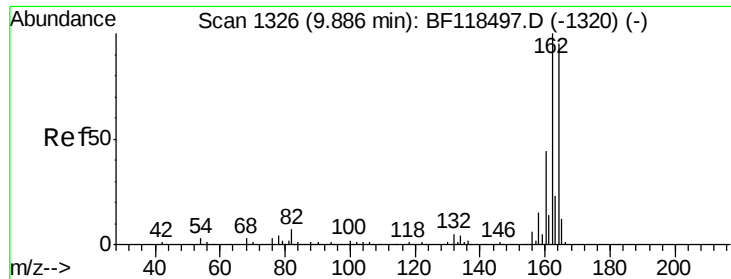


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampleId :

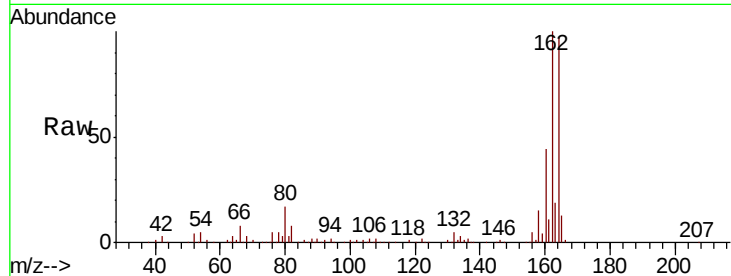
Tot Ion:164 Resp: 183139

Ion Ratio Lower Upper

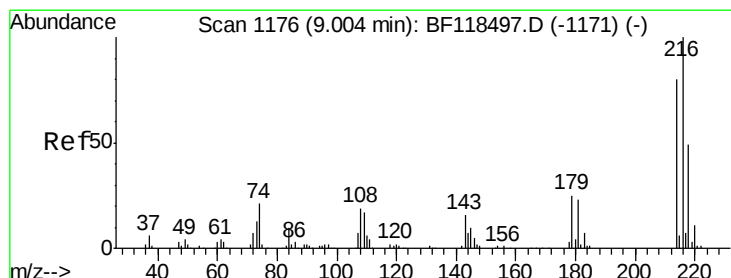
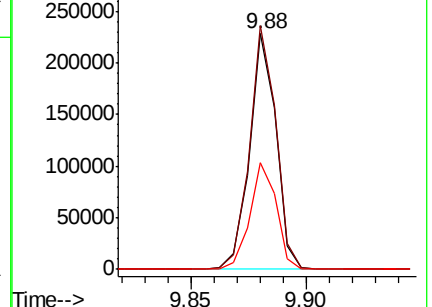
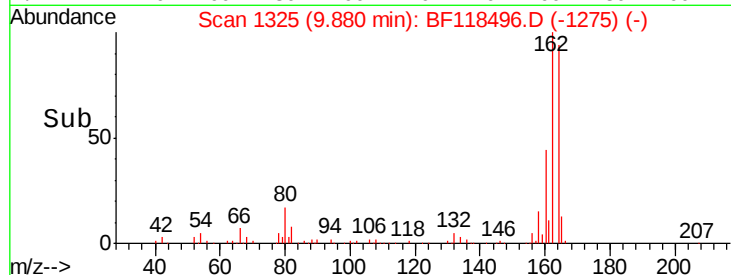
164 100

162 103.3 84.2 126.4

160 45.5 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: 20.567 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Tgt Ion:216 Resp: 113947

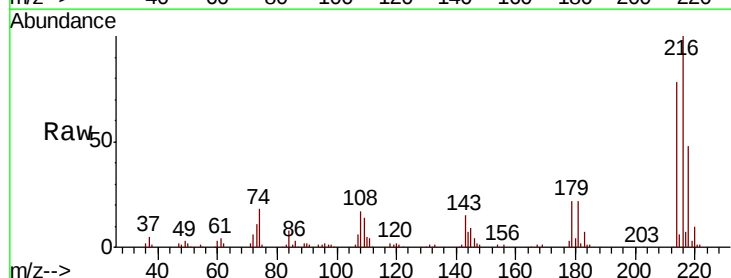
Ion Ratio Lower Upper

216 100

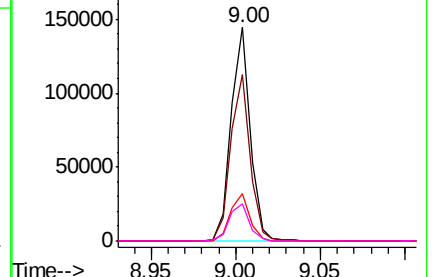
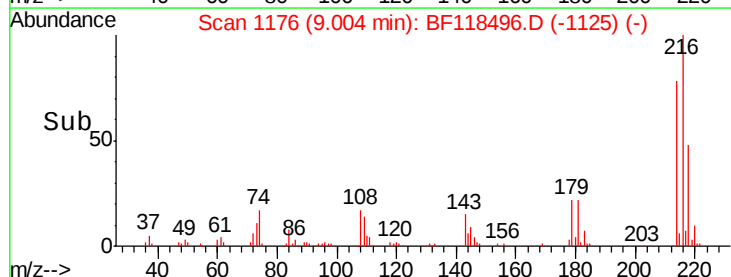
214 79.1 62.4 93.6

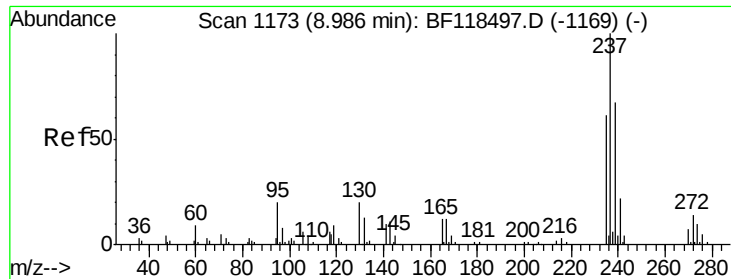
179 22.3 18.7 28.1

108 18.5 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: 9.266 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampleId :

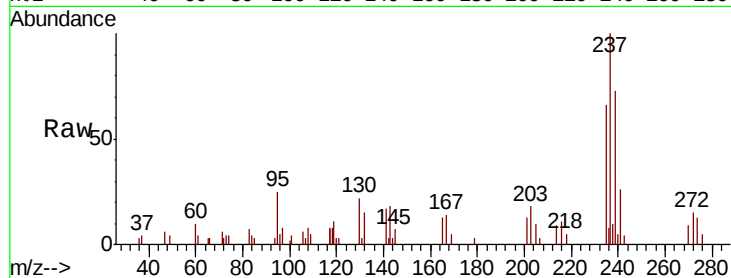
Tot Ion:237 Resp: 9293

Ion Ratio Lower Upper

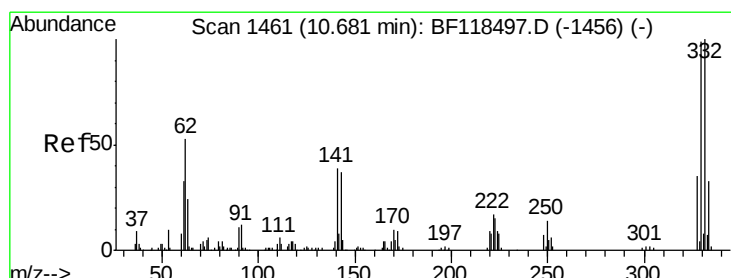
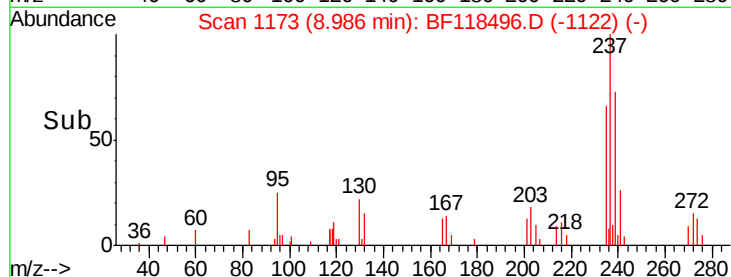
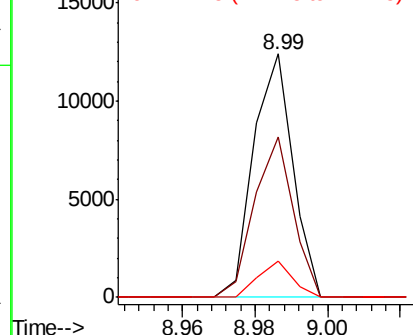
237 100

235 65.7 40.8 80.8

272 14.8 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: 39.791 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

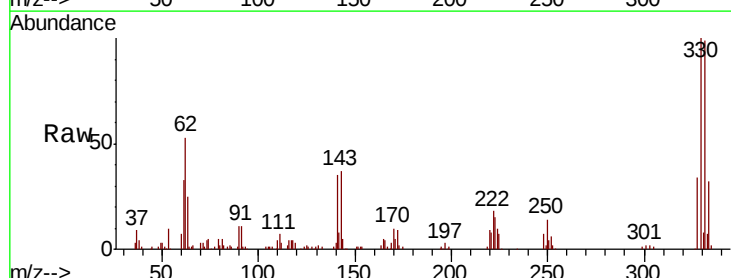
Tgt Ion:330 Resp: 88747

Ion Ratio Lower Upper

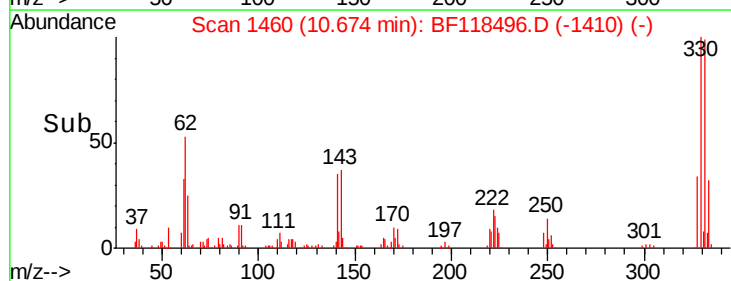
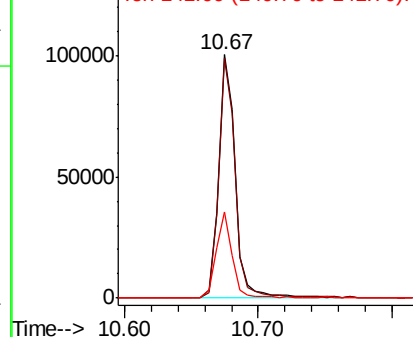
330 100

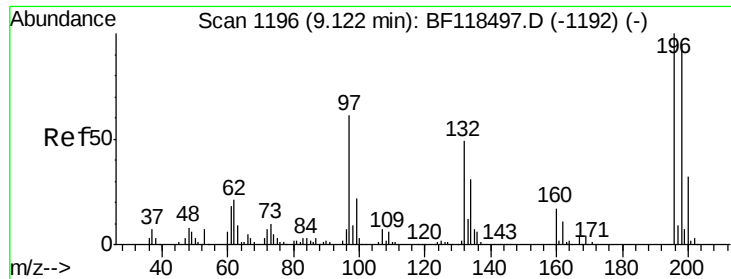
332 97.2 77.9 116.9

141 33.9 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

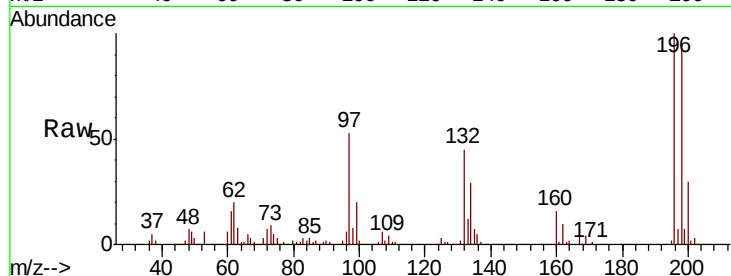




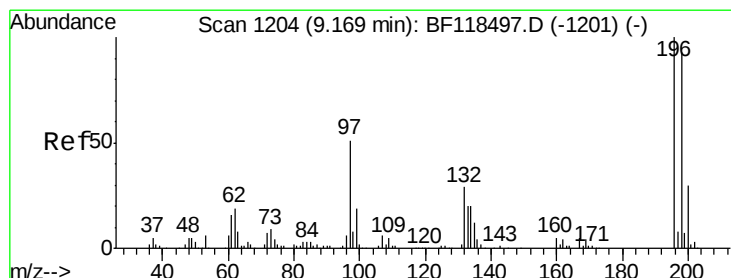
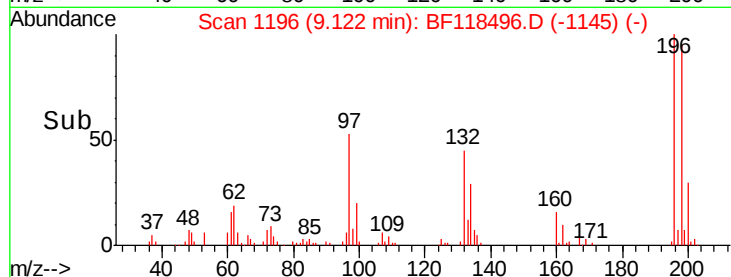
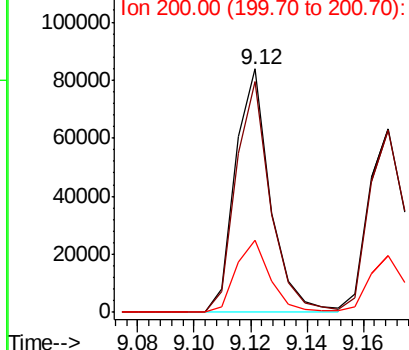
#43
 2,4,6-Trichlorophenol
 Concen: 20.416 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 72241
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.2 114.4
 200 29.6 25.2 37.8

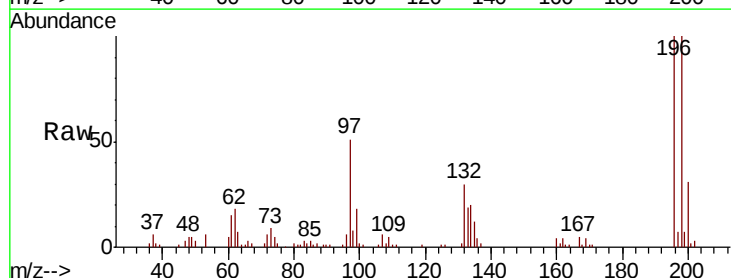


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

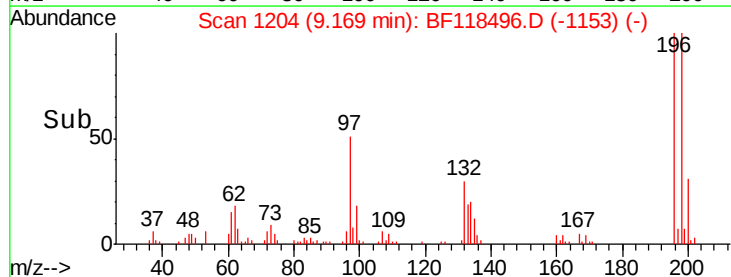
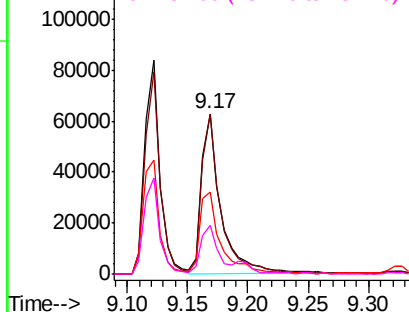


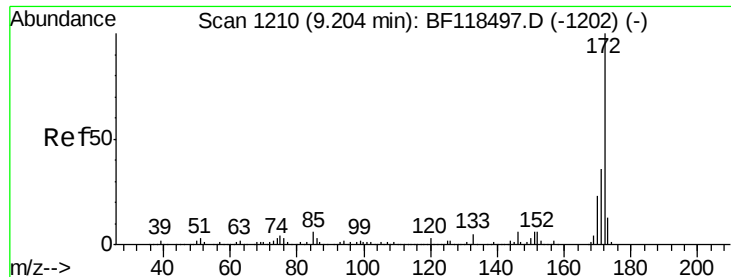
#44
 2,4,5-Trichlorophenol
 Concen: 19.494 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Tgt Ion:196 Resp: 70217
 Ion Ratio Lower Upper
 196 100
 198 99.8 74.7 112.1
 97 50.9 40.7 61.1
 132 30.3 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

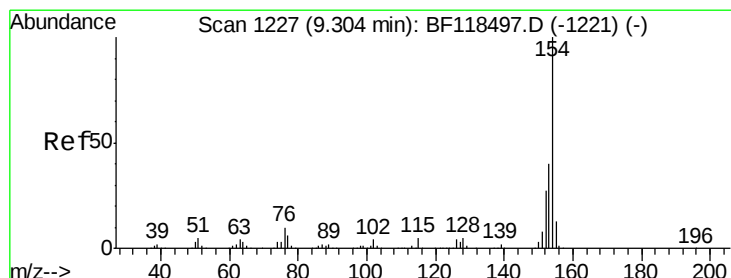
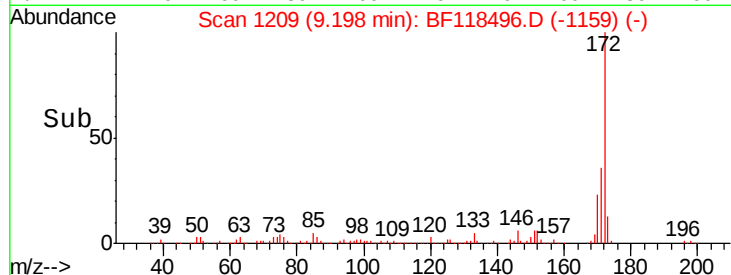
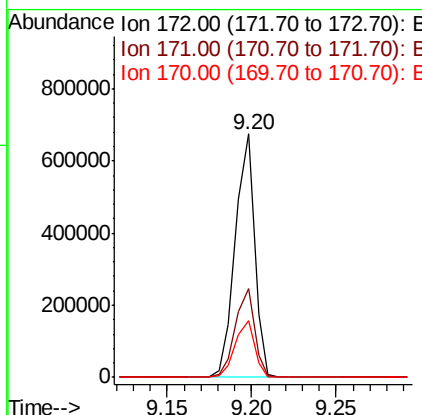
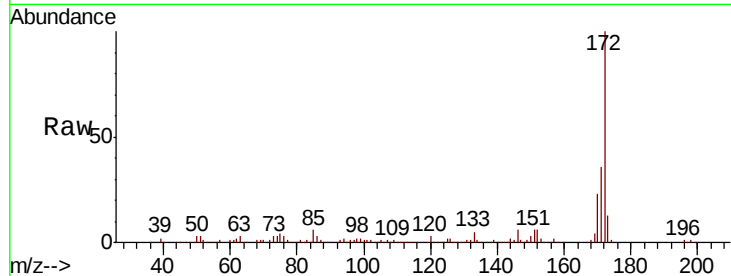




#45
2-Fluorobiphenyl
Concen: 43.439 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

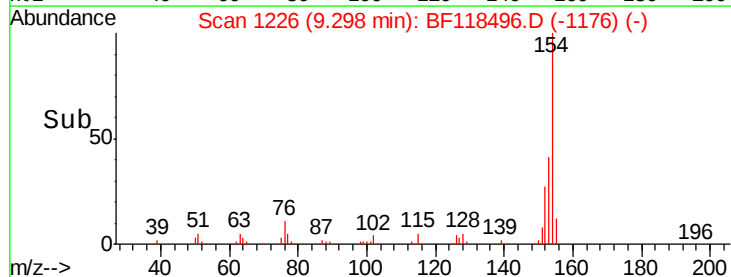
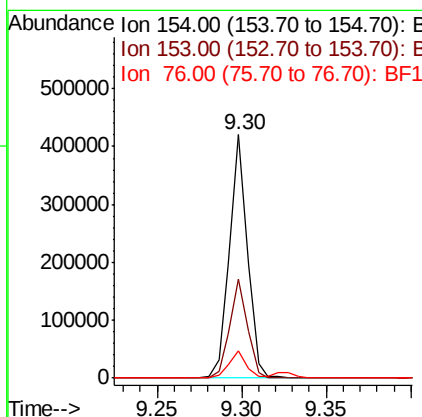
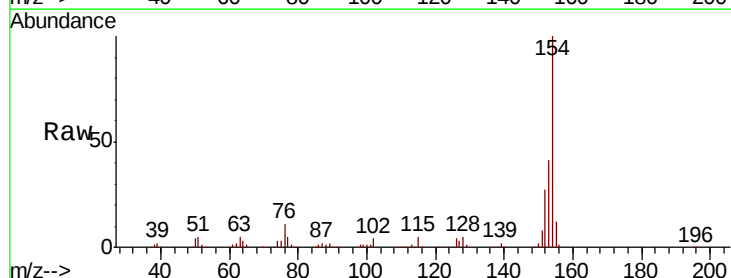
Instrument :
BNA_F
ClientSampleId :

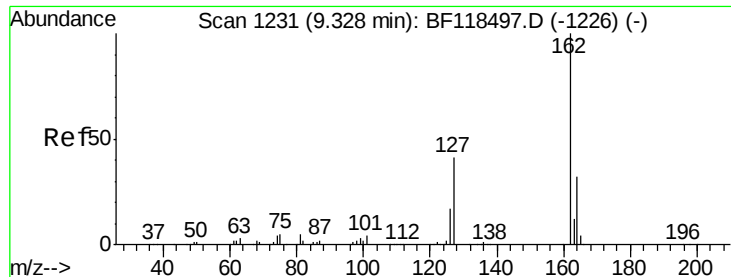
Tot Ion:172 Resp: 538886
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.3 18.6 27.8



#46
1,1'-Biphenyl
Concen: 21.215 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:154 Resp: 311013
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 11.0 0.0 30.4

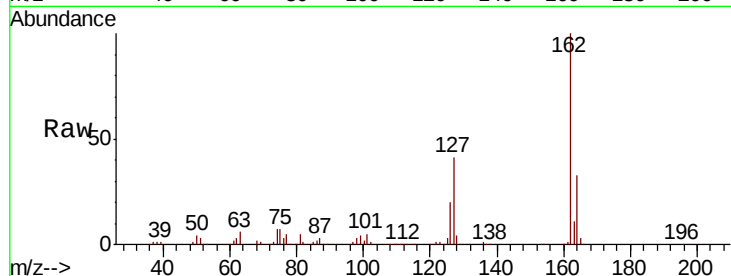




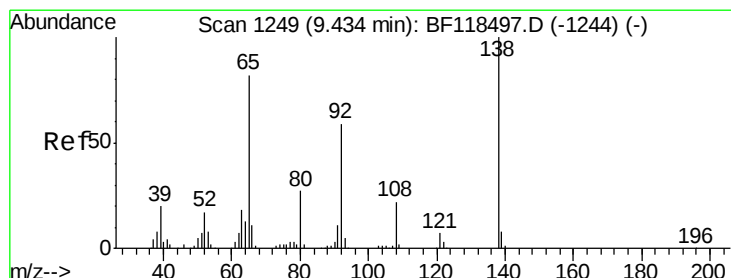
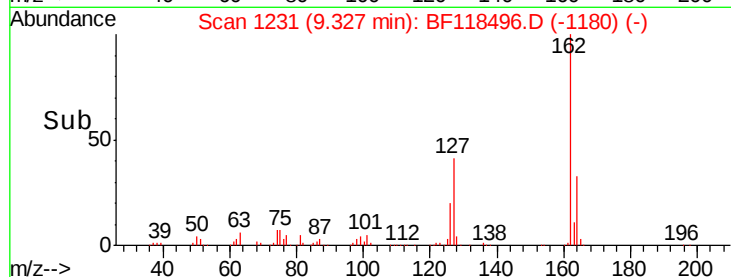
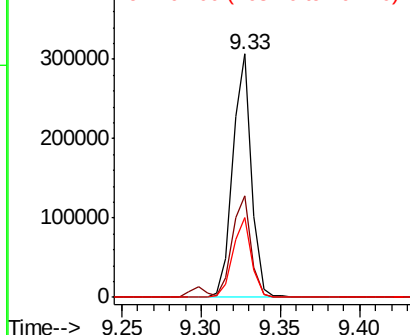
#47
 2-Chloronaphthalene
 Concen: 21.292 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	35.5	53.3
164	32.8	25.8	38.8

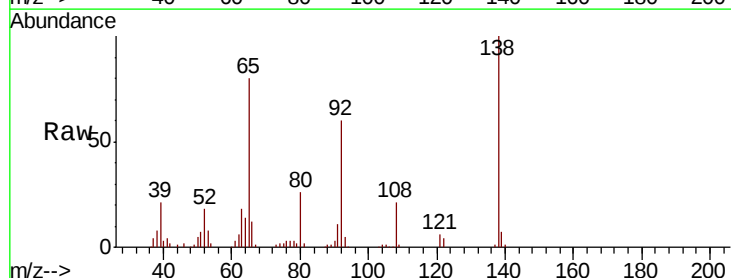


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

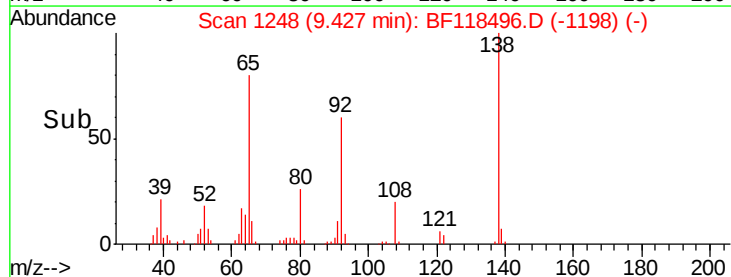
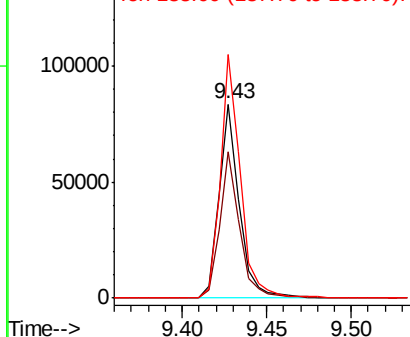


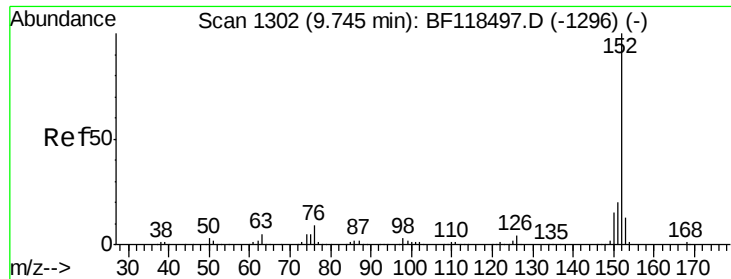
#48
 2-Nitroaniline
 Concen: 20.804 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	57.7	86.5
138	125.5	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: 21.672 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampleId :

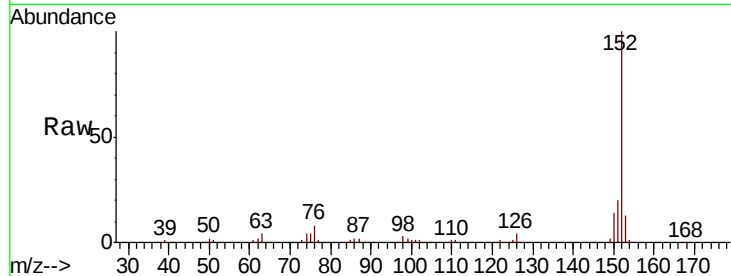
Tot Ion:152 Resp: 378574

Ion Ratio Lower Upper

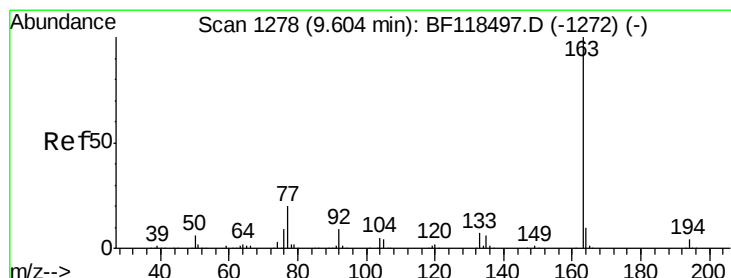
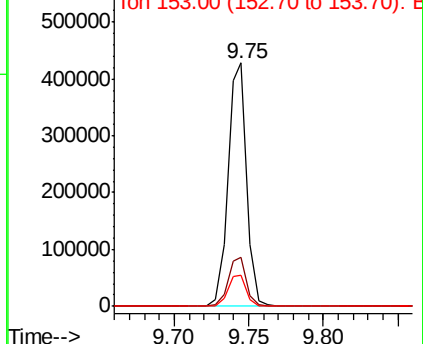
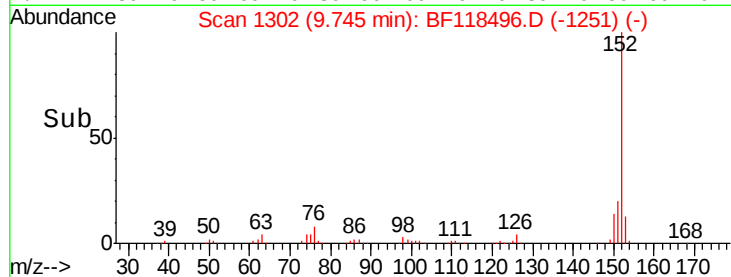
152 100

151 20.4 16.3 24.5

153 12.9 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: 21.081 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

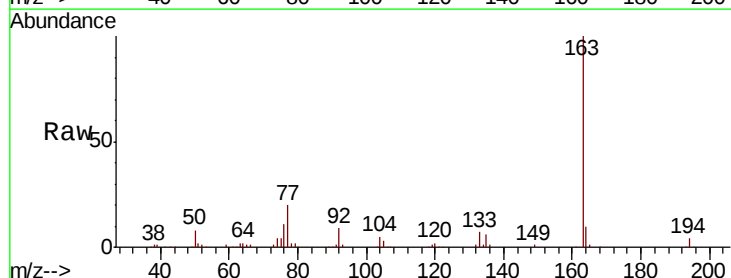
Tgt Ion:163 Resp: 297208

Ion Ratio Lower Upper

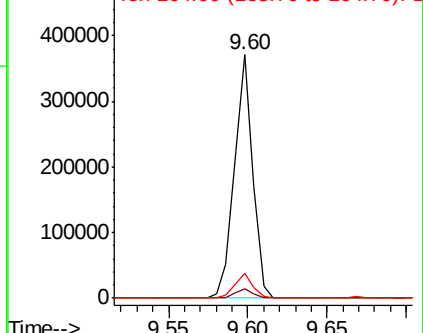
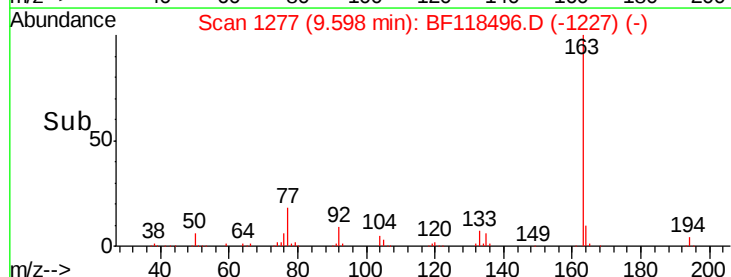
163 100

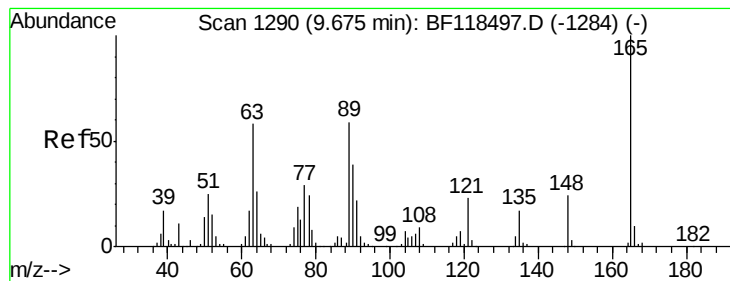
194 3.9 3.0 4.6

164 10.0 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: 22.282 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampled :

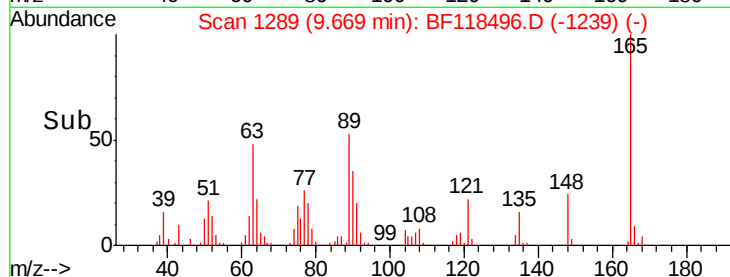
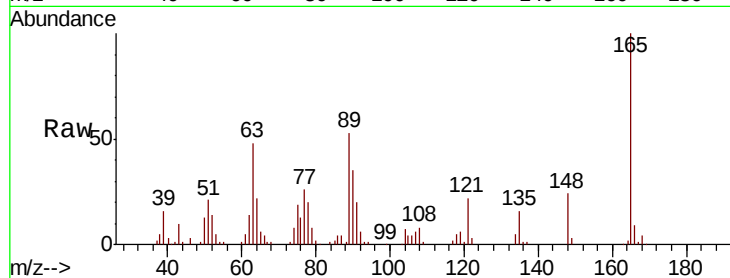
Tot Ion:165 Resp: 64379

Ion Ratio Lower Upper

165 100

63 48.4 46.6 70.0

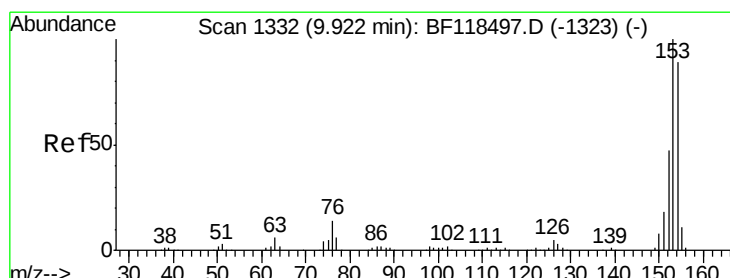
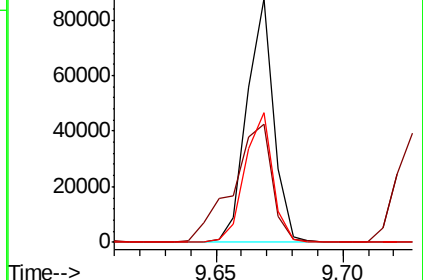
89 53.5 47.5 71.3



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: 21.469 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

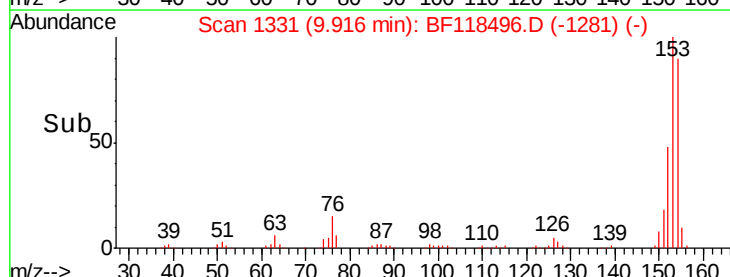
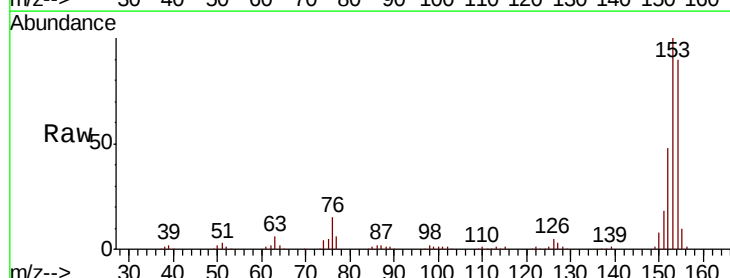
Tgt Ion:154 Resp: 236142

Ion Ratio Lower Upper

154 100

153 111.3 89.7 134.5

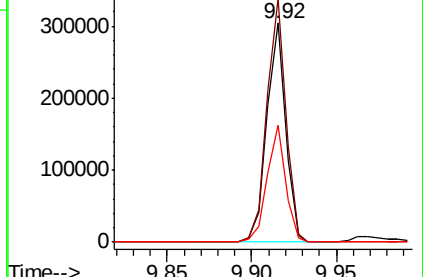
152 53.2 41.9 62.9

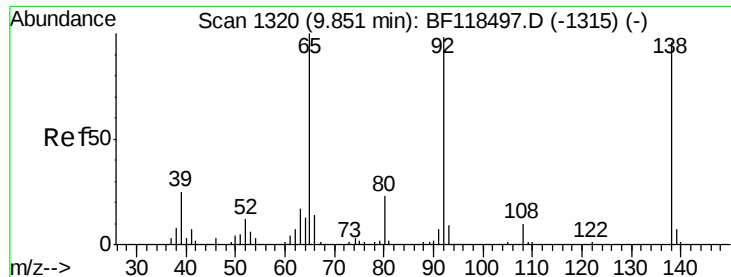


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

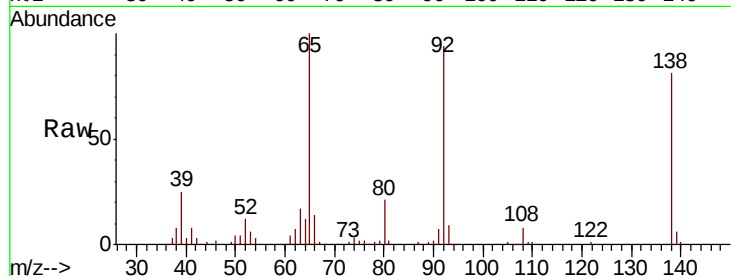




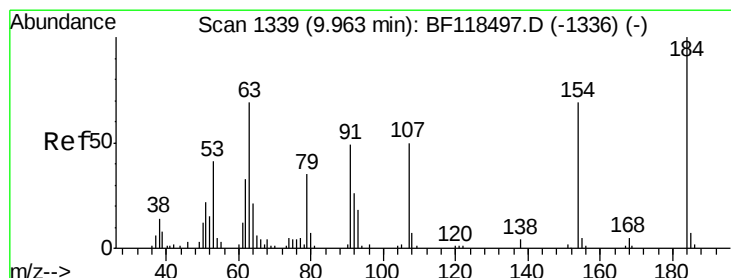
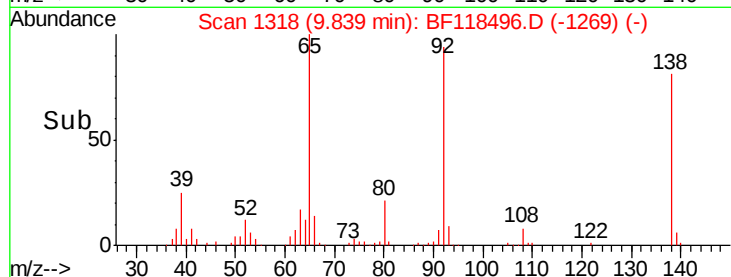
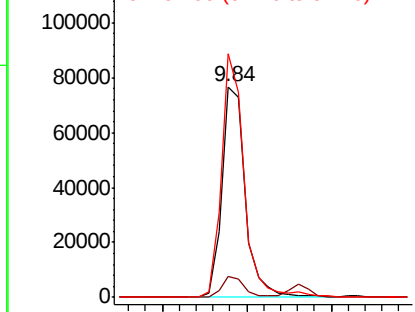
#53
3-Nitroaniline
Concen: 20.980 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 74192
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 115.8 81.6 122.4

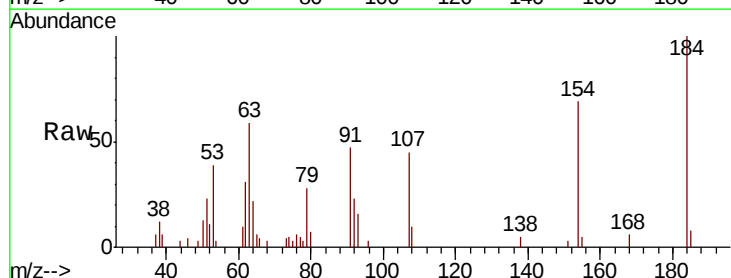


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

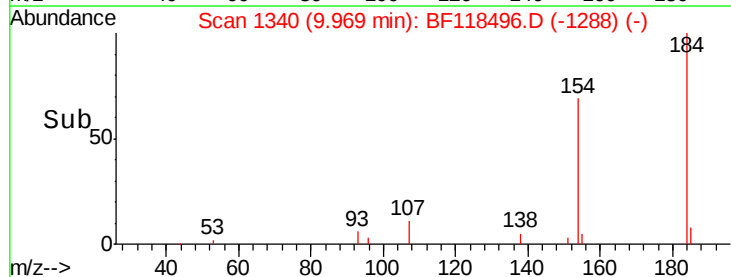
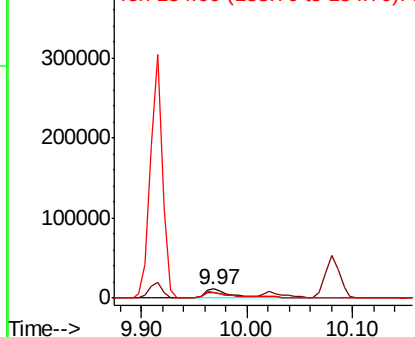


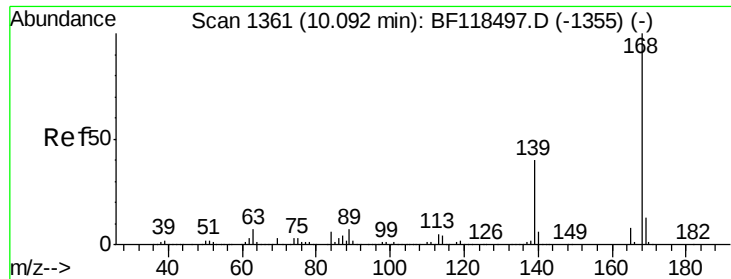
#54
2,4-Dinitrophenol
Concen: 18.517 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:184 Resp: 22628
Ion Ratio Lower Upper
184 100
63 59.2 55.3 82.9
154 69.2 55.0 82.4



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

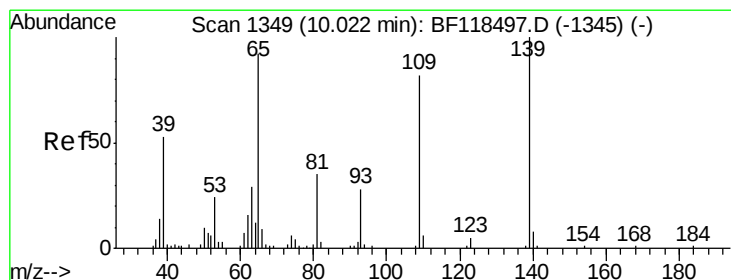
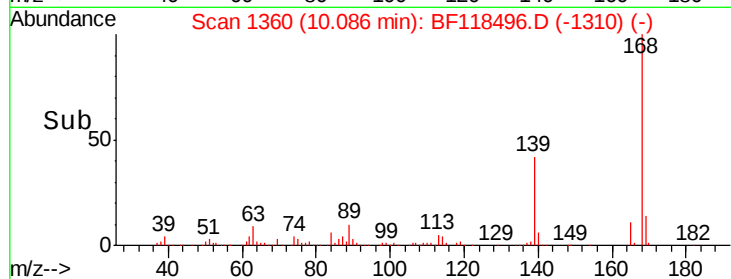
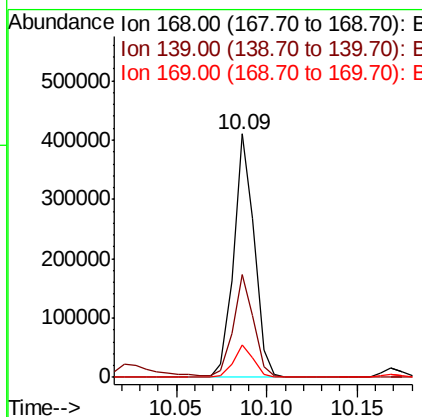
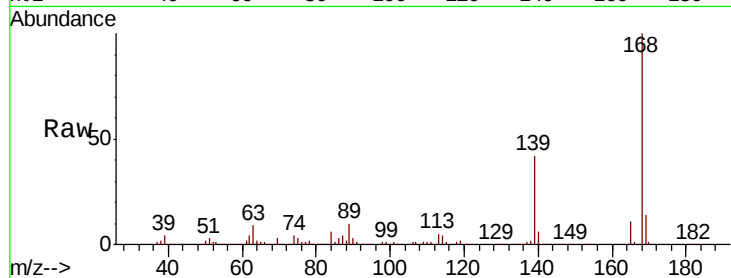




#55
Dibenzofuran
Concen: 20.863 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

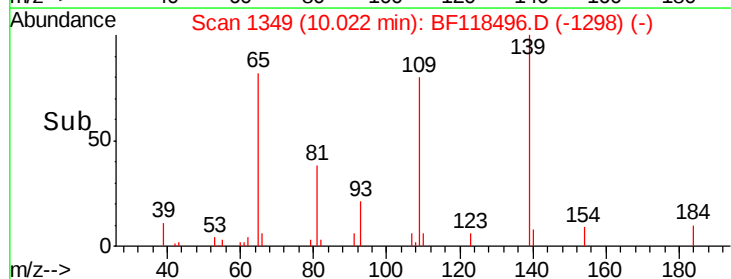
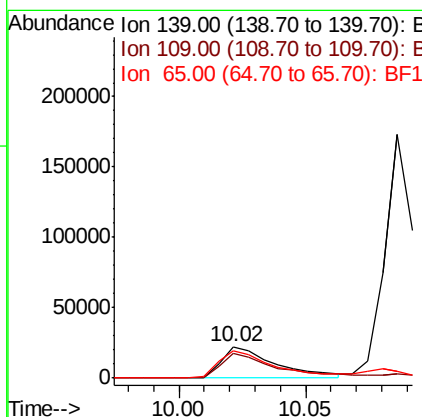
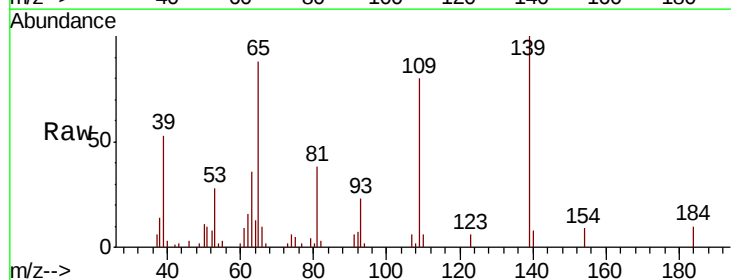
Instrument :
BNA_F
ClientSampled :

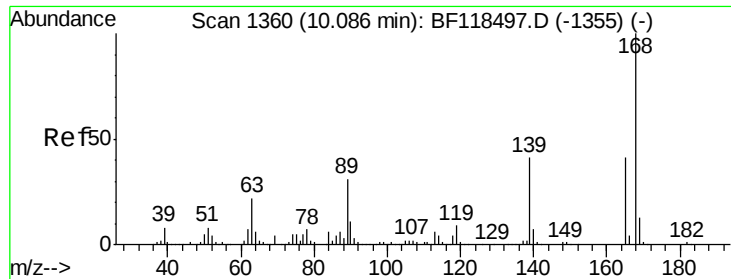
Tot Ion	168	Resp	324901
Ion Ratio	100	Lower	Upper
139	42.2	32.5	48.7
169	13.6	10.6	16.0



#56
4-Nitrophenol
Concen: 19.351 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion	139	Resp	32910
Ion Ratio	100	Lower	Upper
109	80.1	62.2	102.2
65	87.7	72.8	112.8

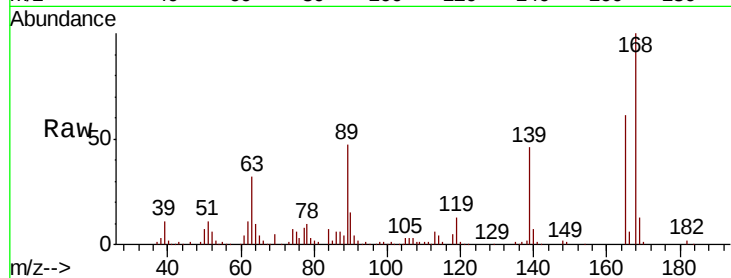




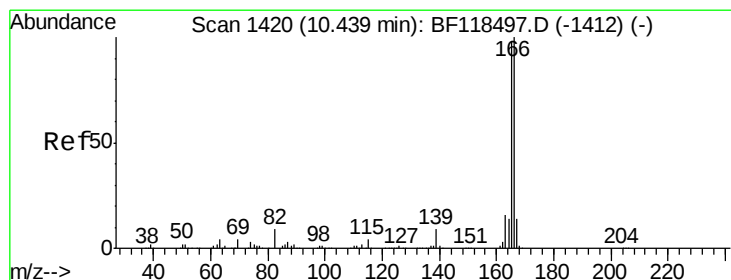
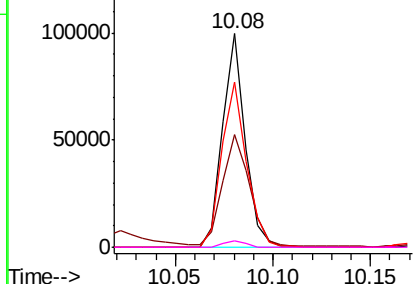
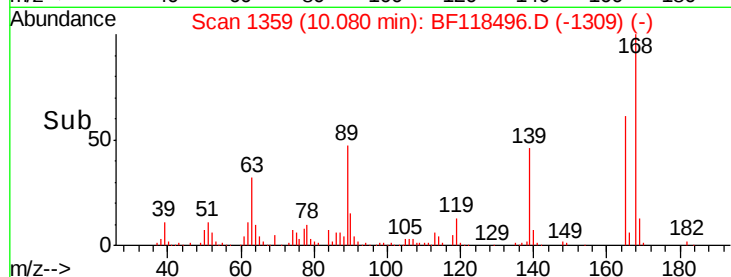
#57
2,4-Dinitrotoluene
Concen: 20.175 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 80200
Ion Ratio Lower Upper
165 100
63 53.0 44.1 66.1
89 77.3 60.4 90.6
182 2.9 2.0 3.0

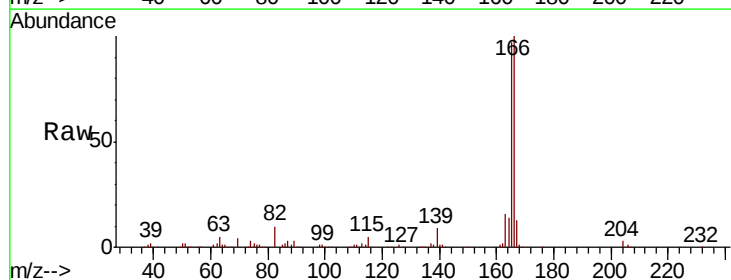


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

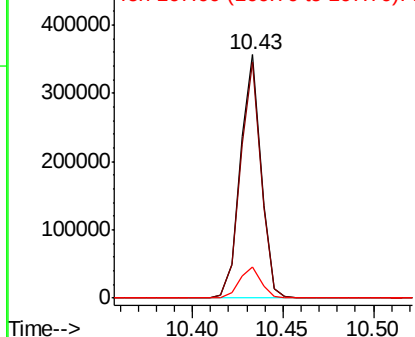
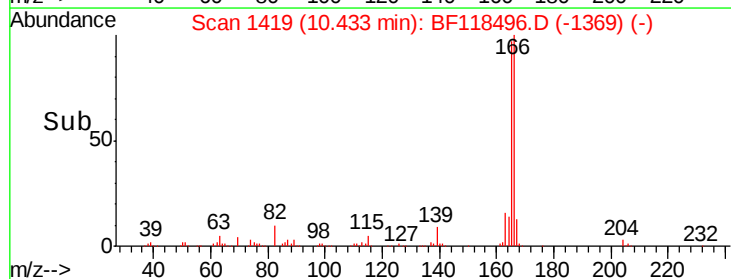


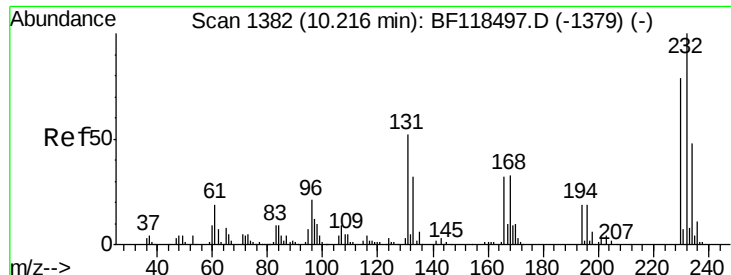
#58
Fluorene
Concen: 22.167 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:166 Resp: 283069
Ion Ratio Lower Upper
166 100
165 96.8 78.6 117.8
167 12.6 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

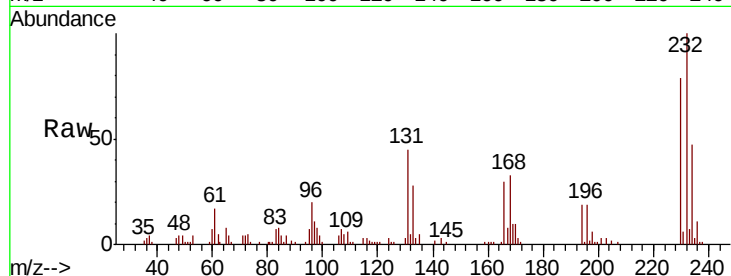




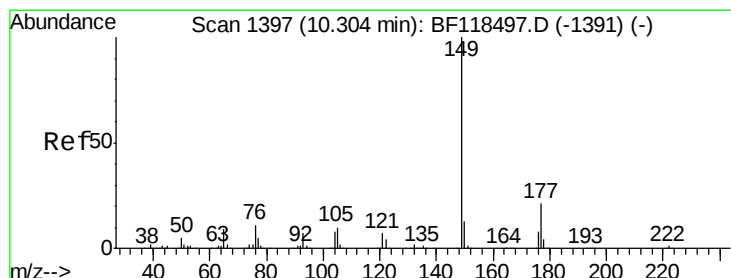
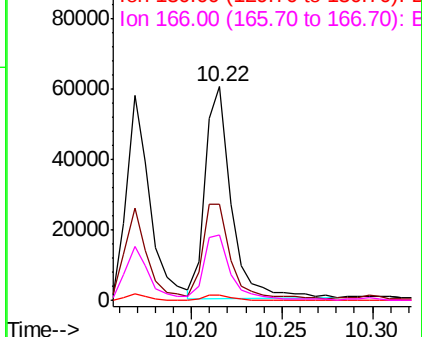
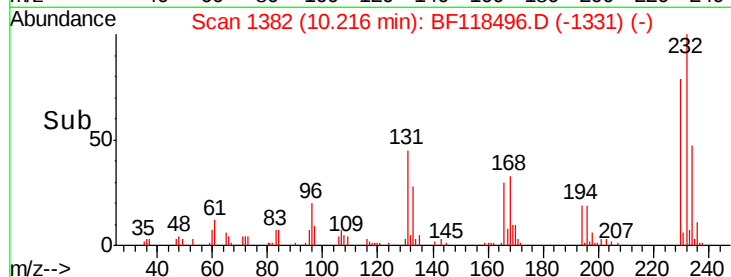
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.259 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 60540
 Ion Ratio Lower Upper
 232 100
 131 50.6 42.2 63.4
 130 2.6 2.1 3.1
 166 32.8 25.7 38.5

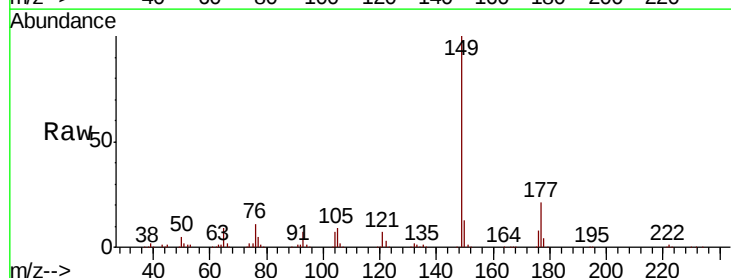


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

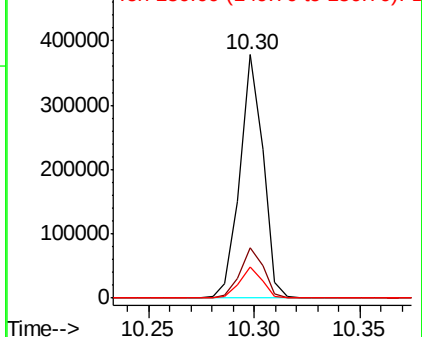
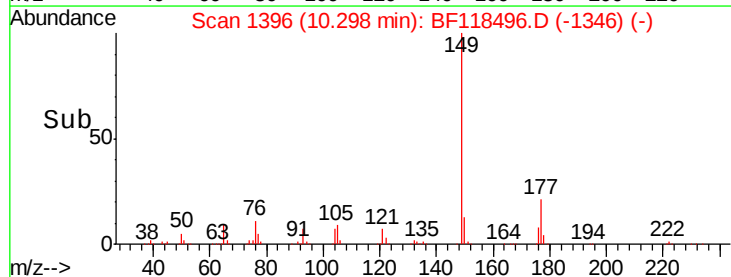


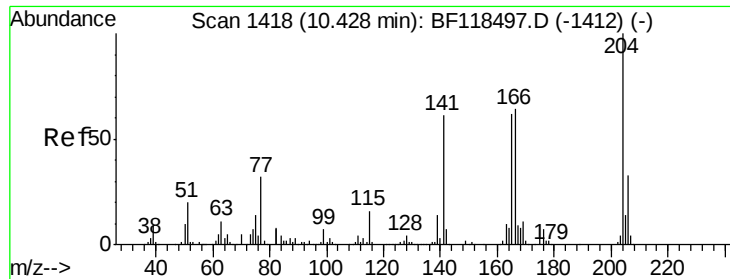
#60
 Diethylphthalate
 Concen: 20.756 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Tgt Ion:149 Resp: 287751
 Ion Ratio Lower Upper
 149 100
 177 20.8 16.5 24.7
 150 12.5 10.2 15.2



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

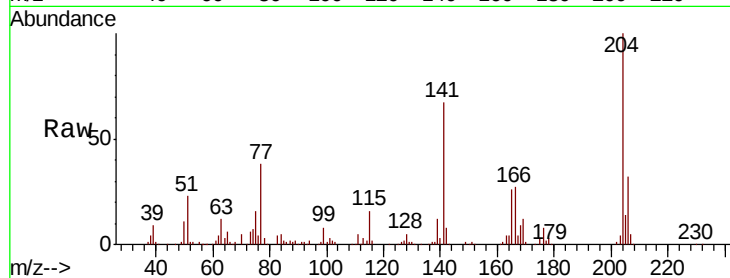




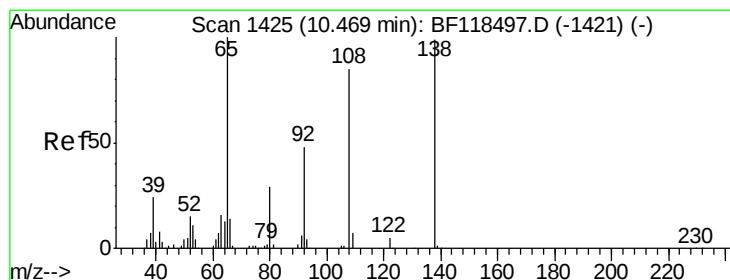
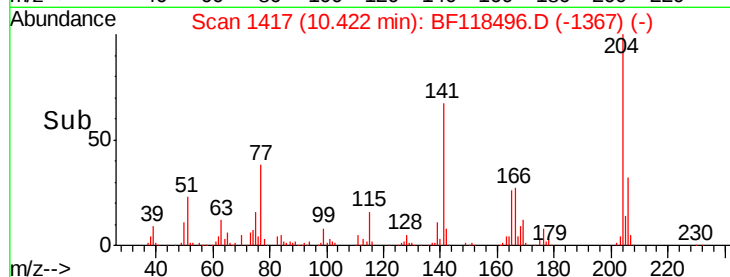
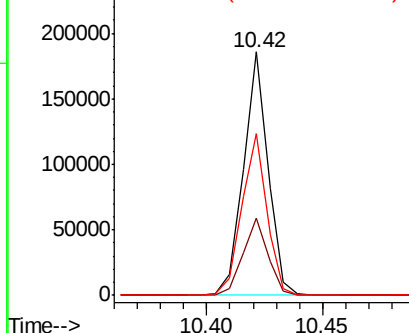
#61
4-Chlorophenyl-phenylether
Concen: 21.652 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 138189
Ion Ratio Lower Upper
204 100
206 31.8 26.0 39.0
141 66.6 49.0 73.6

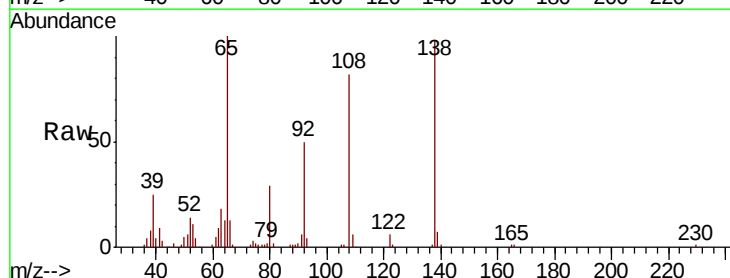


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

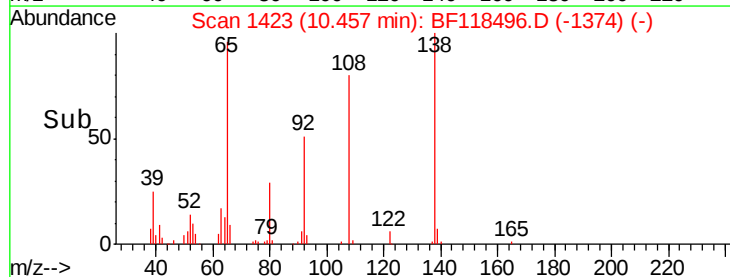
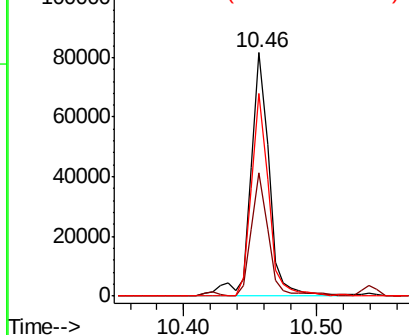


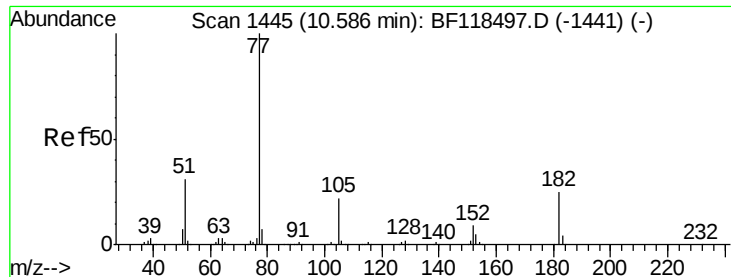
#62
4-Nitroaniline
Concen: 21.146 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:138 Resp: 76538
Ion Ratio Lower Upper
138 100
92 50.6 27.9 67.9
108 83.0 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: 21.640 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 258008

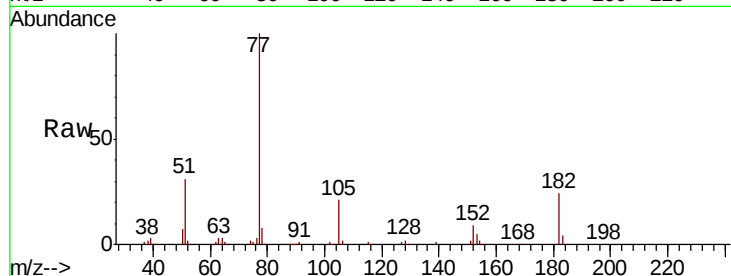
Ion Ratio Lower Upper

77 100

182 24.1 5.2 45.2

105 21.3 1.7 41.7

51 31.0 11.2 51.2

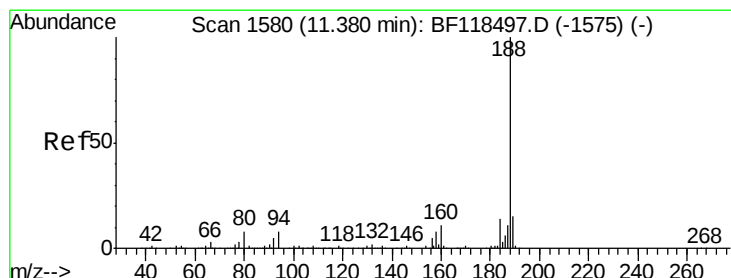
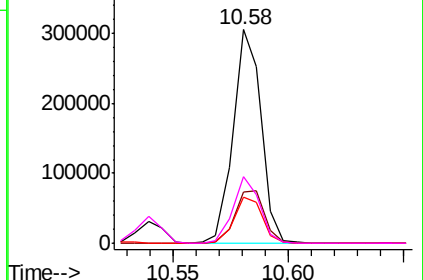
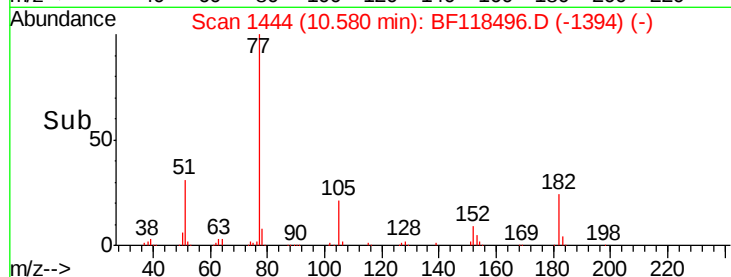


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF118496.D

Acq: 8 Jan 2020 12:17

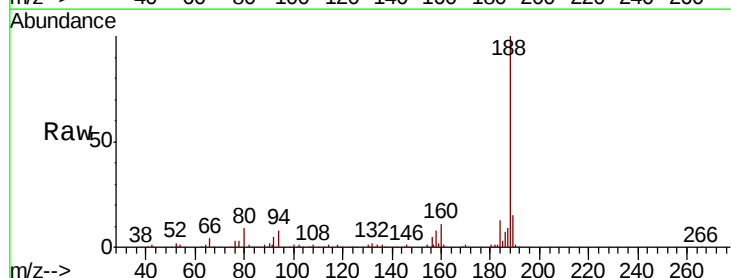
Tgt Ion: 188 Resp: 349870

Ion Ratio Lower Upper

188 100

94 8.4 6.2 9.4

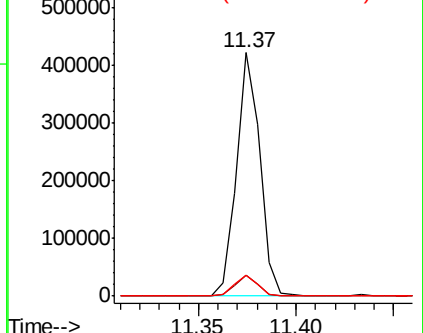
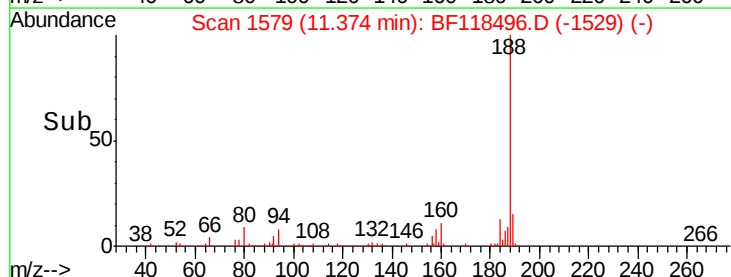
80 8.7 6.6 10.0

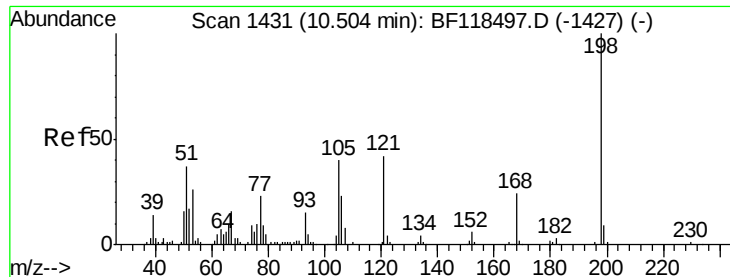


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

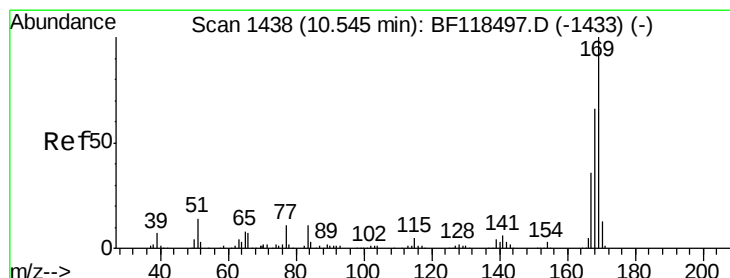
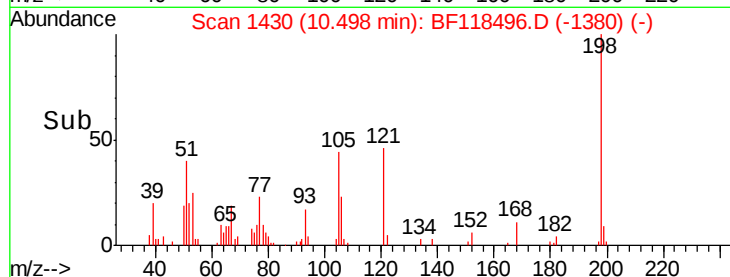
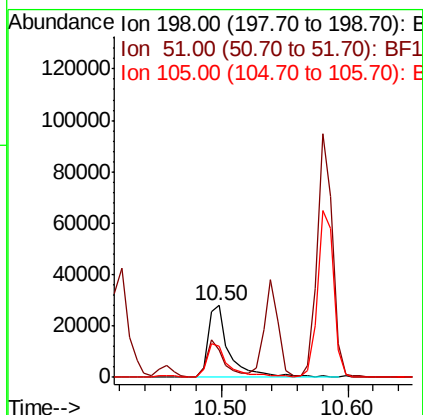
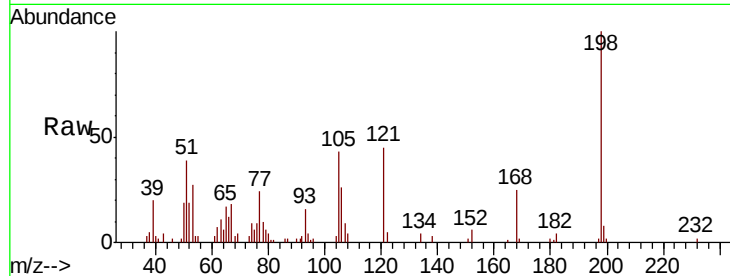




#65
4,6-Dinitro-2-methylphenol
Concen: 16.214 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

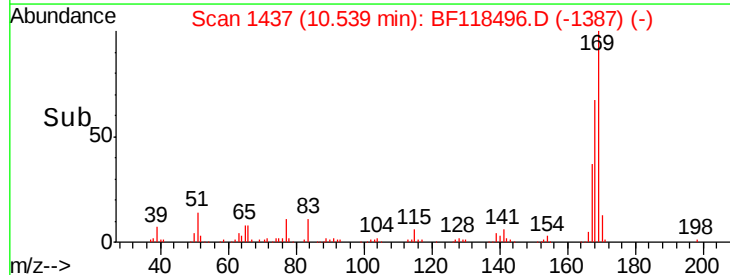
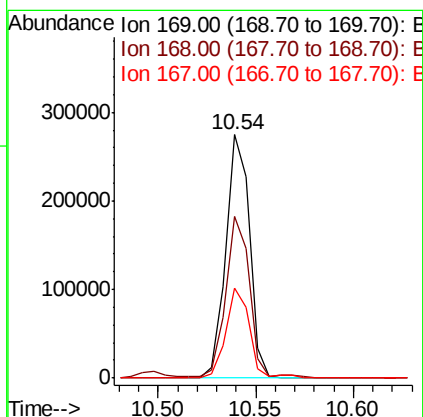
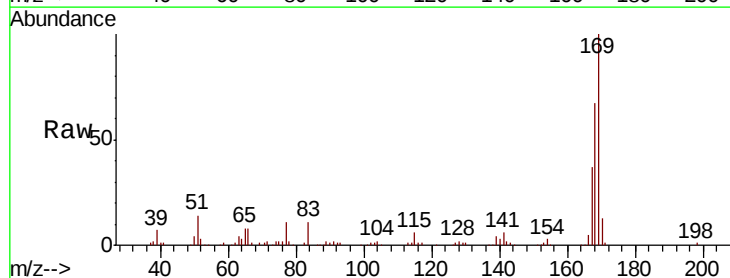
Instrument :
BNA_F
ClientSampleId :

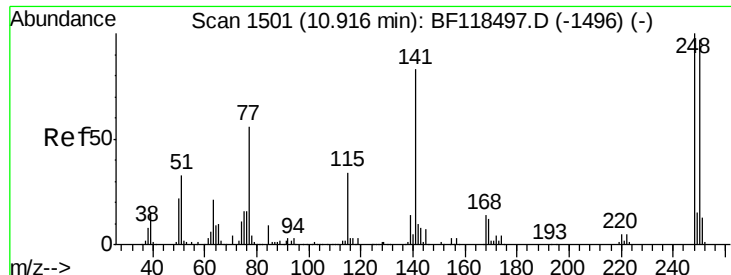
Tot Ion:198 Resp: 32465
Ion Ratio Lower Upper
198 100
51 38.5 17.8 57.8
105 42.8 20.1 60.1



#66
n-Nitrosodiphenylamine
Concen: 19.390 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:169 Resp: 232295
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 37.1 28.9 43.3

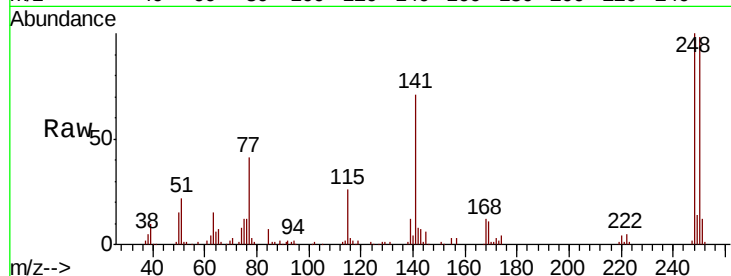




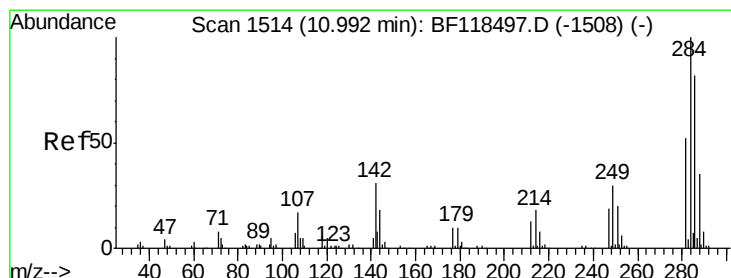
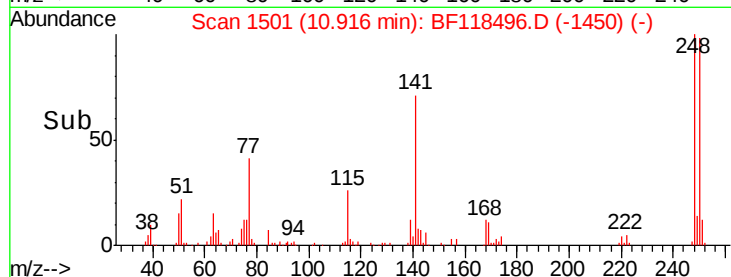
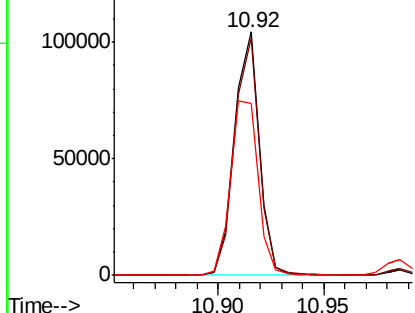
#67
4-Bromophenyl-phenylether
Concen: 19.083 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 84650
Ion Ratio Lower Upper
248 100
250 97.6 77.4 116.0
141 70.8 66.2 99.4

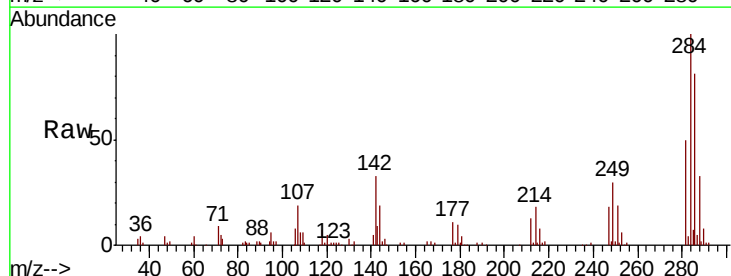


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

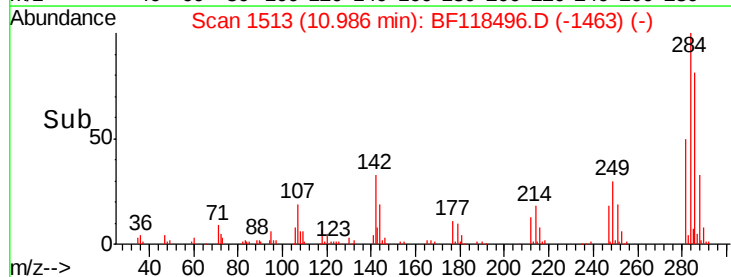
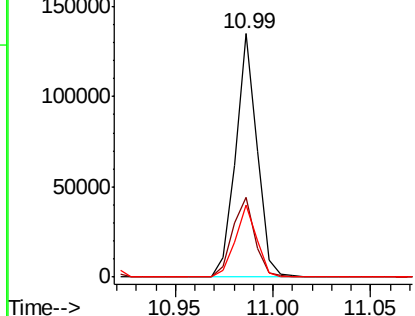


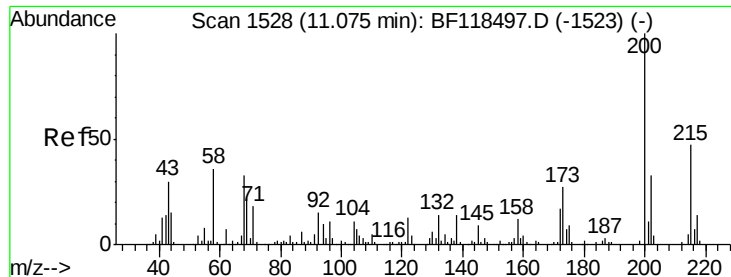
#68
Hexachlorobenzene
Concen: 19.456 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:284 Resp: 102684
Ion Ratio Lower Upper
284 100
142 33.0 24.6 37.0
249 29.6 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

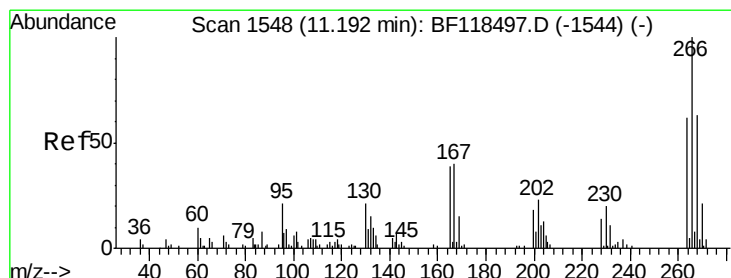
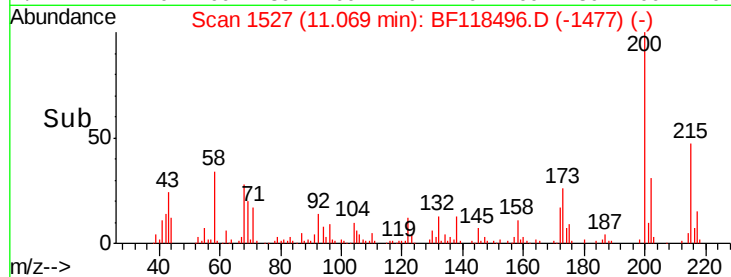
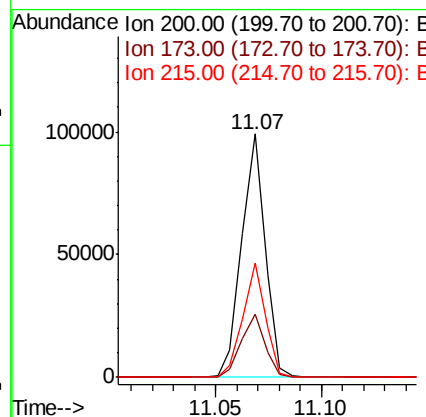
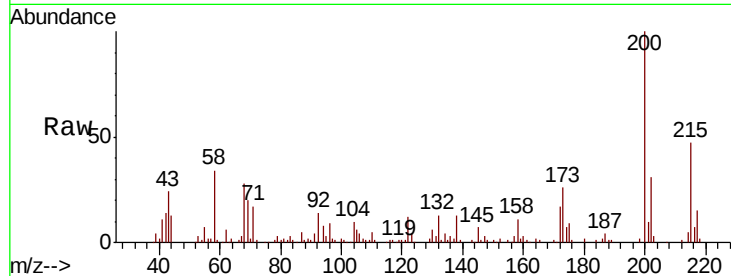




#69
Atrazine
Concen: 20.685 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

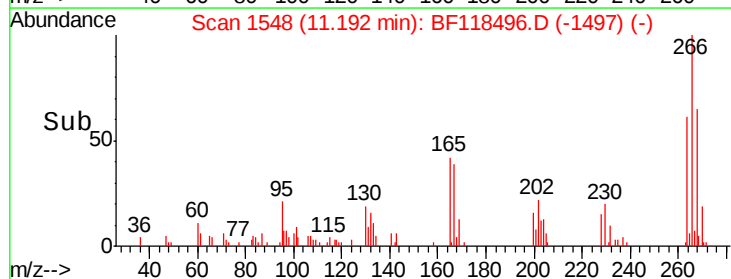
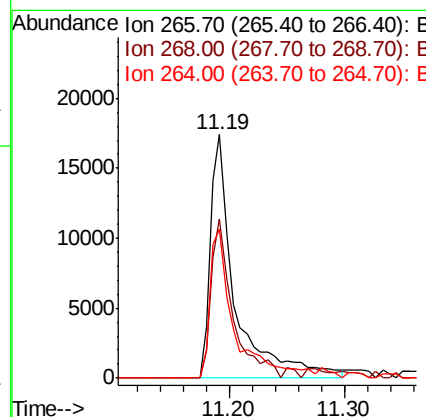
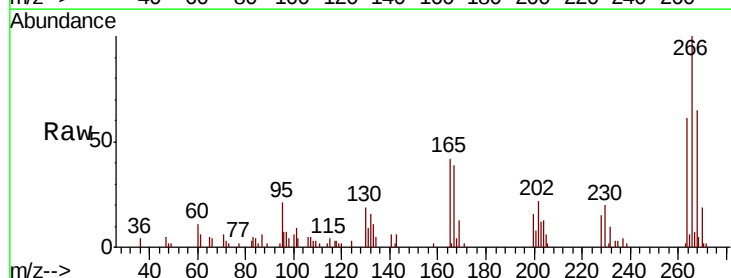
Instrument :
BNA_F
ClientSampleId :

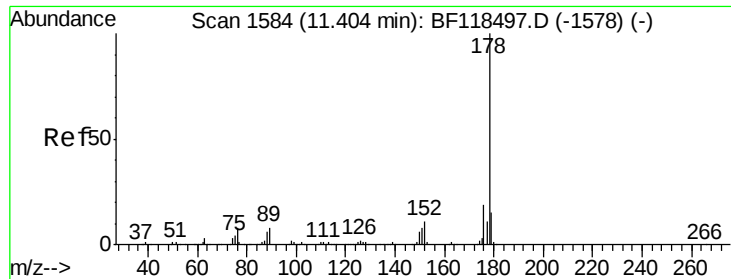
Tot Ion:200 Resp: 76206
Ion Ratio Lower Upper
200 100
173 25.8 7.0 47.0
215 46.8 27.0 67.0



#70
Pentachlorophenol
Concen: 15.789 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:266 Resp: 25894
Ion Ratio Lower Upper
266 100
268 69.8 50.2 75.2
264 61.0 49.4 74.0

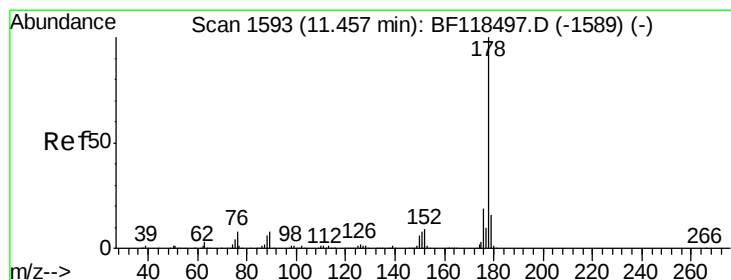
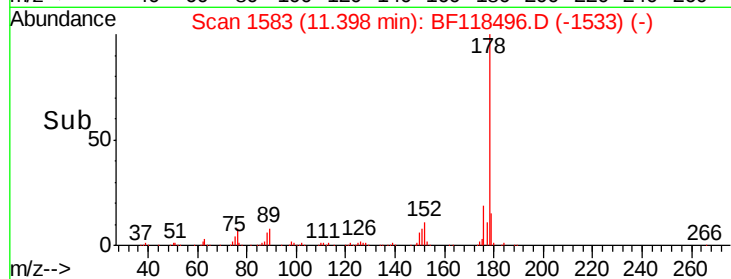
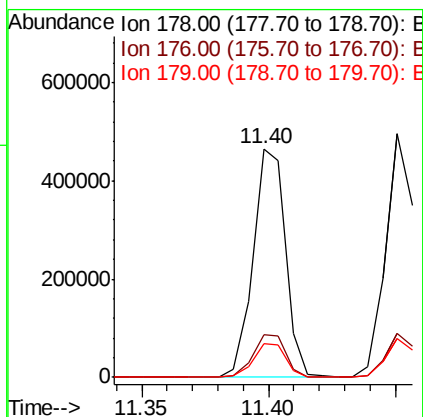
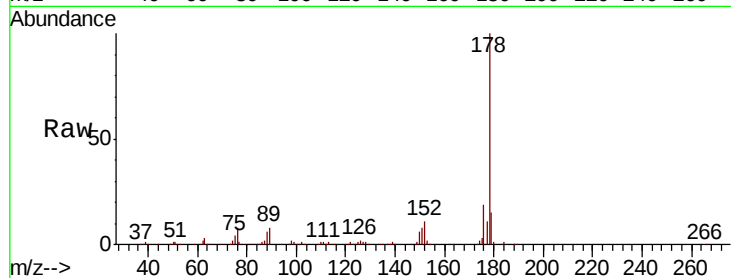




#71
Phenanthrene
Concen: 21.504 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

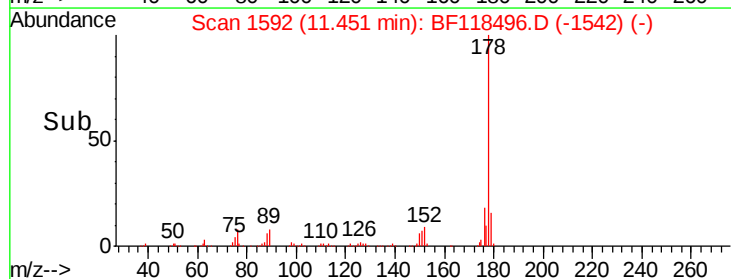
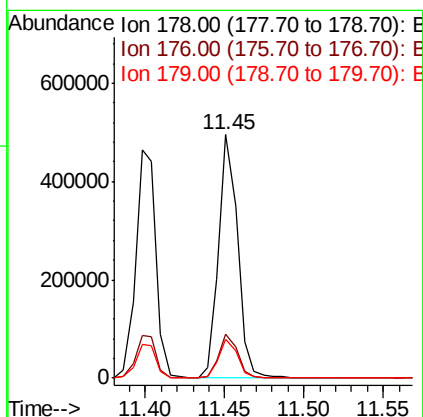
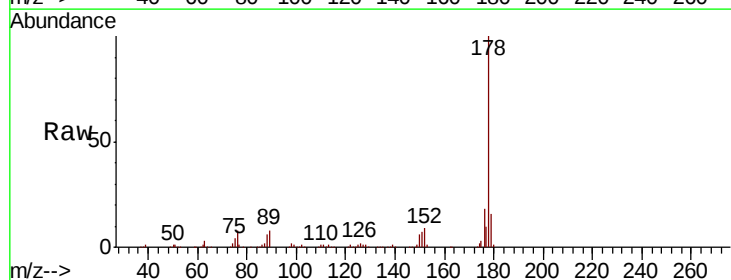
Instrument :
BNA_F
ClientSampleId :

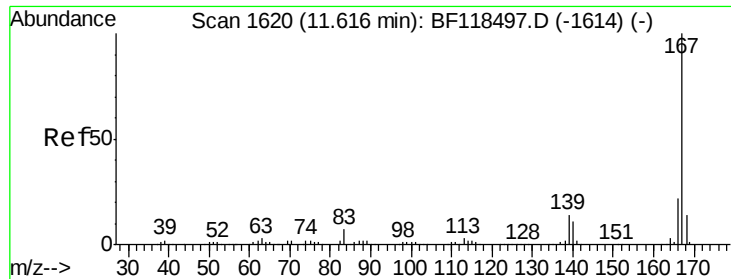
Tot Ion:178 Resp: 415187
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.0 12.3 18.5



#72
Anthracene
Concen: 21.164 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:178 Resp: 413625
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.8 12.6 19.0

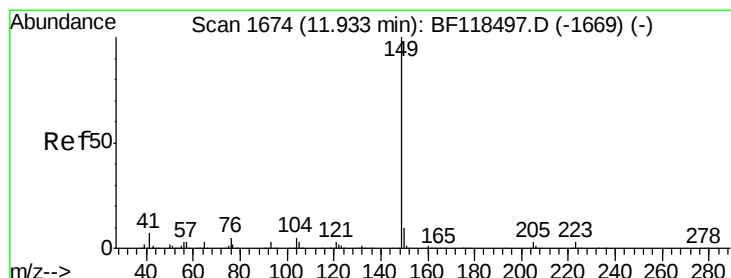
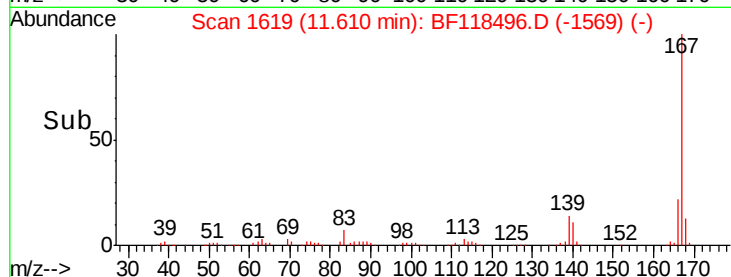
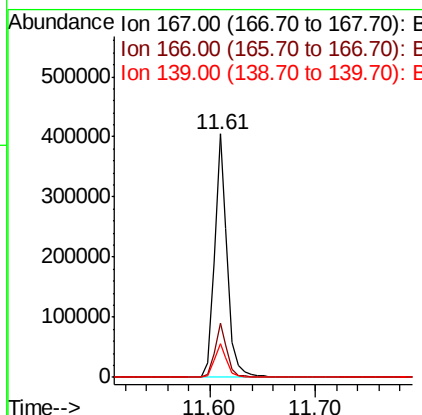
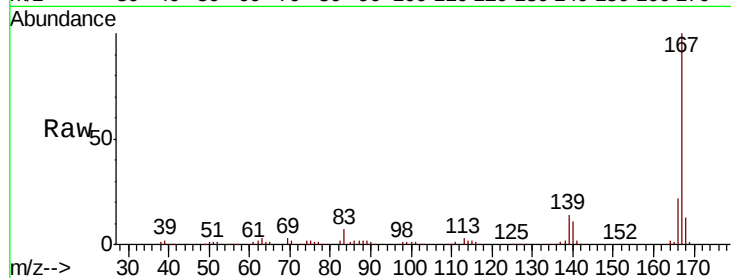




#73
 Carbazole
 Concen: 19.225 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

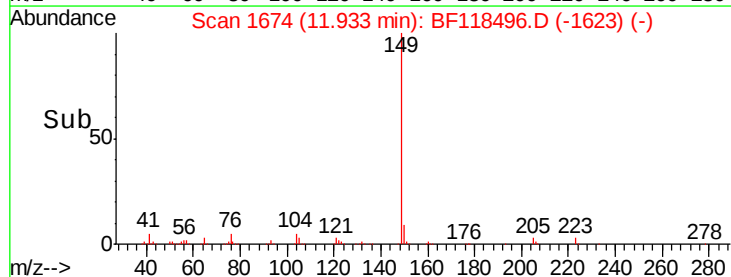
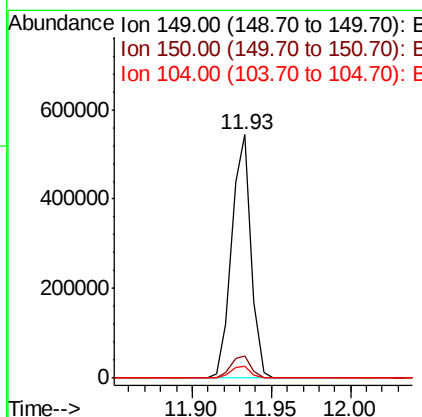
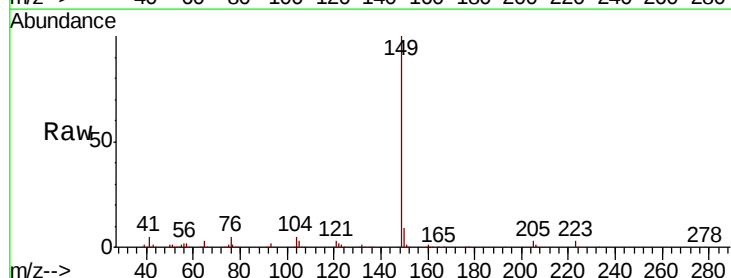
Instrument :
 BNA_F
 ClientSampled :

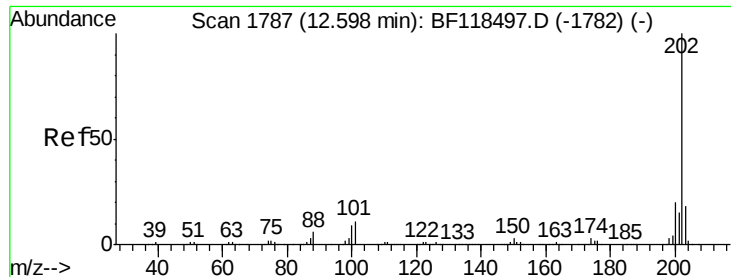
Tot Ion:167 Resp: 344512
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 14.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 19.541 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Tgt Ion:149 Resp: 459245
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.8 11.8
 104 4.9 4.2 6.4

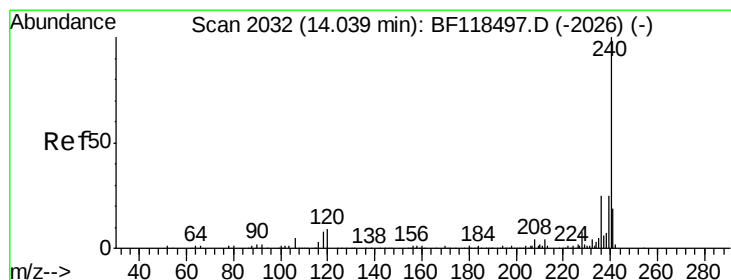
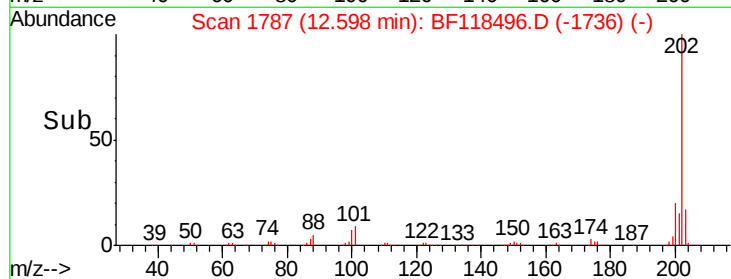
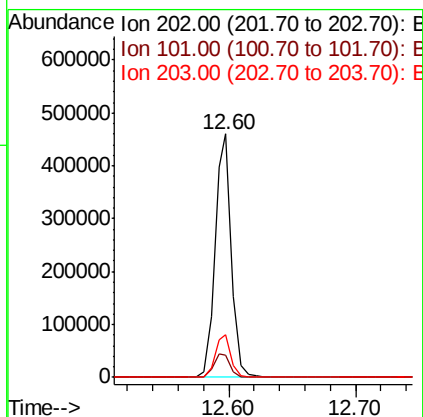
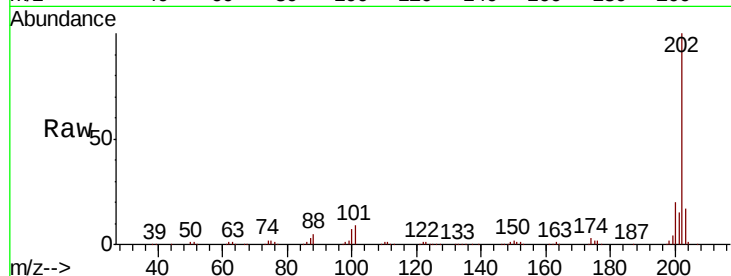




#75
 Fluoranthene
 Concen: 20.334 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

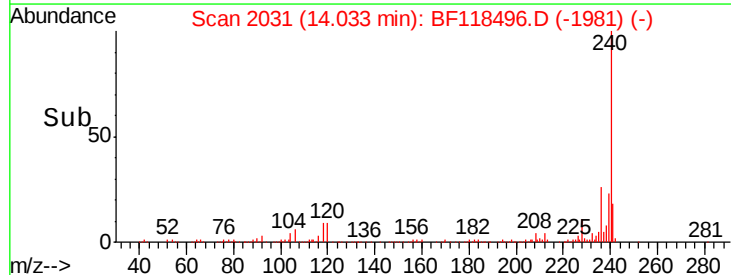
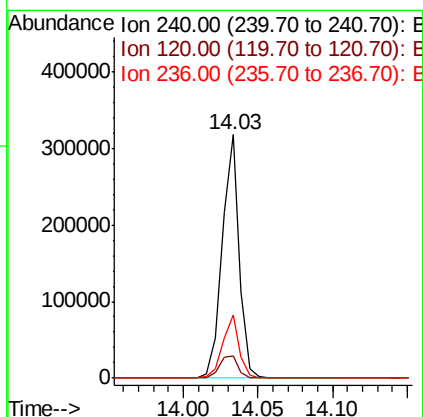
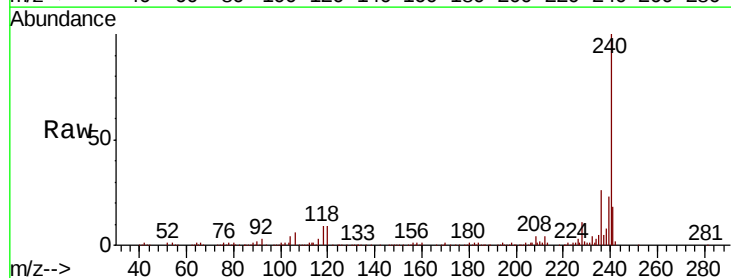
Instrument :
 BNA_F
 ClientSampleId :

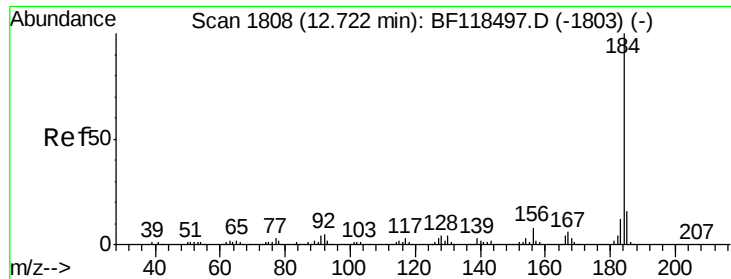
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	31.4
203	17.5	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.0	10.6
236	25.7	20.1	30.1

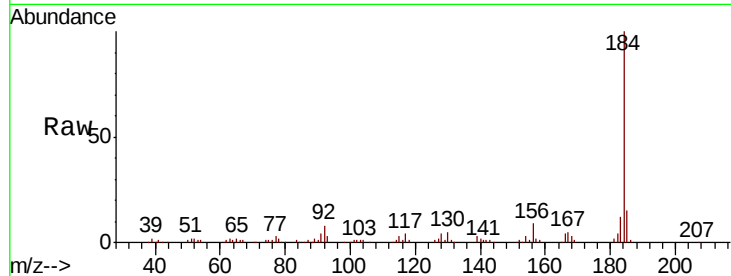




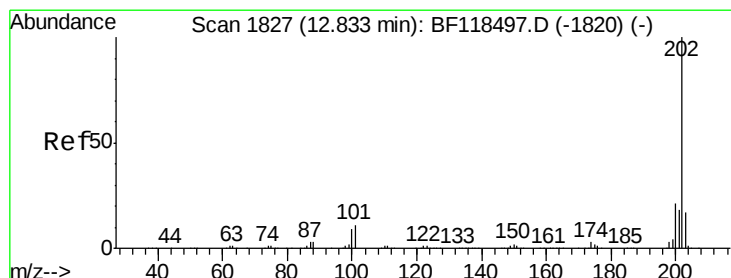
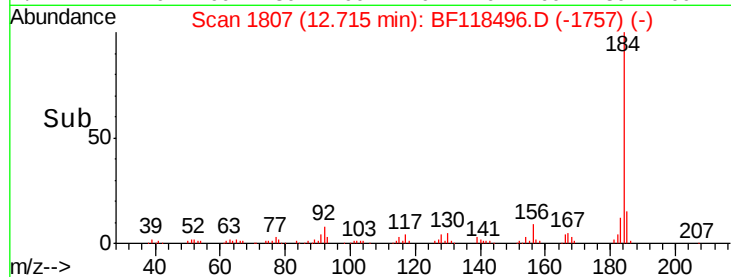
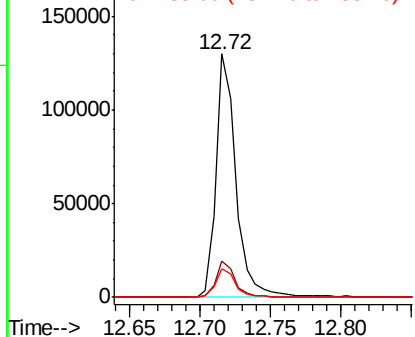
#77
Benzidine
Concen: 17.777 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 127719
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 11.9 9.3 13.9

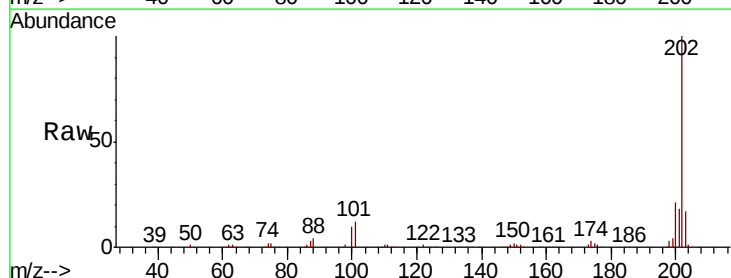


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

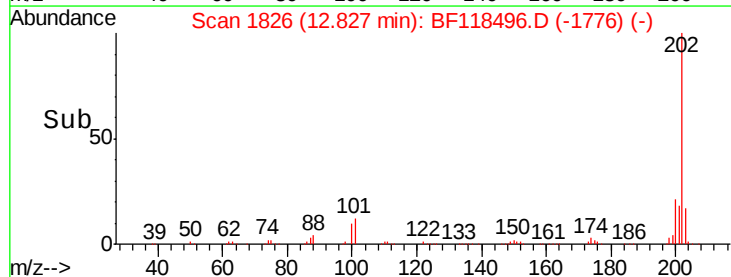
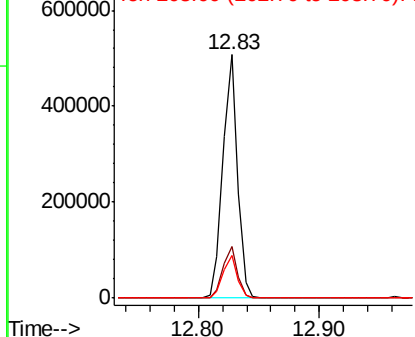


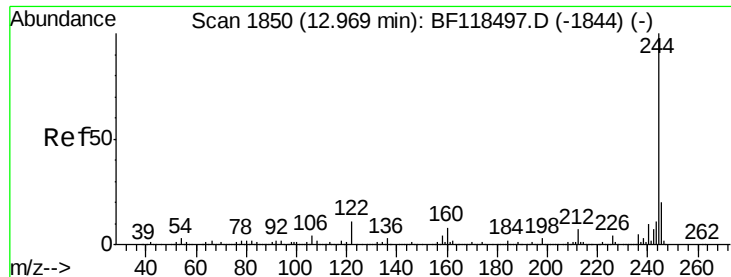
#78
Pyrene
Concen: 19.263 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:202 Resp: 422874
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.4 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

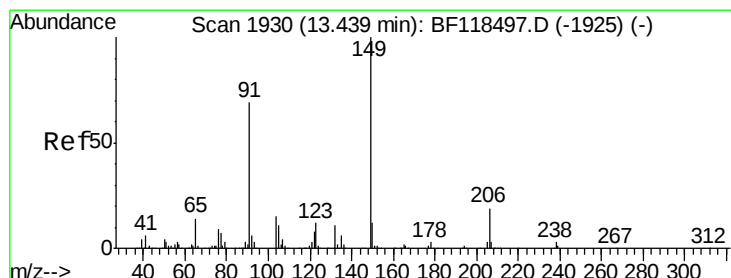
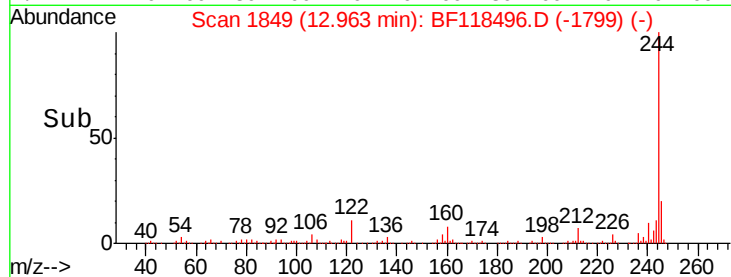
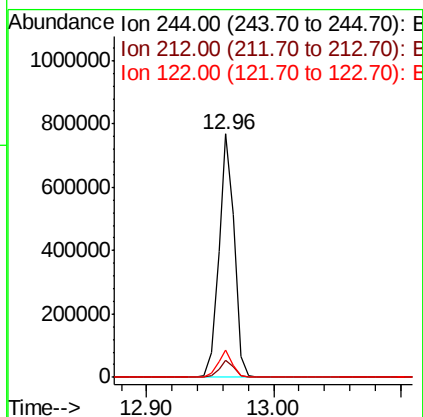
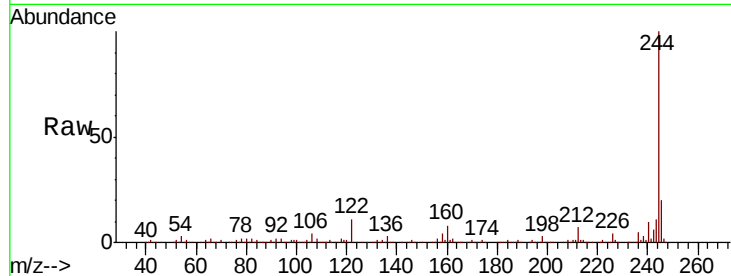




#79
 Terphenyl-d14
 Concen: 39.245 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

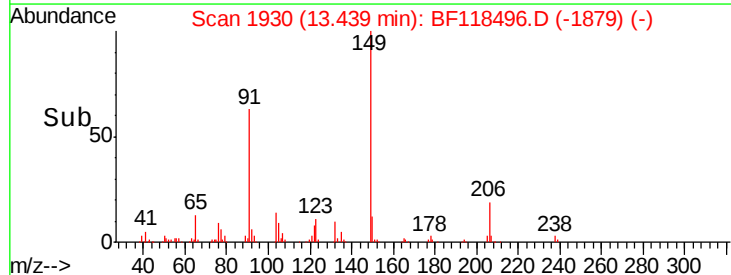
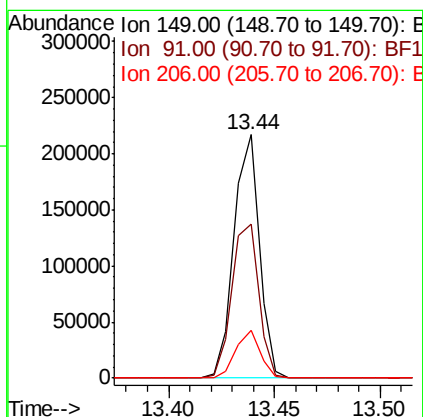
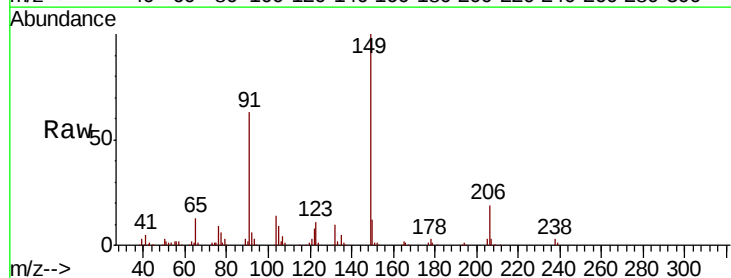
Instrument :
 BNA_F
 ClientSampleId :

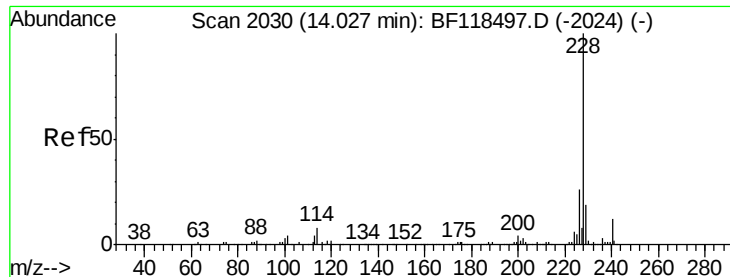
Tot Ion:244 Resp: 651251
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.3 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 18.640 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF118496.D
 Acq: 8 Jan 2020 12:17

Tgt Ion:149 Resp: 180282
 Ion Ratio Lower Upper
 149 100
 91 63.2 55.2 82.8
 206 19.5 15.1 22.7

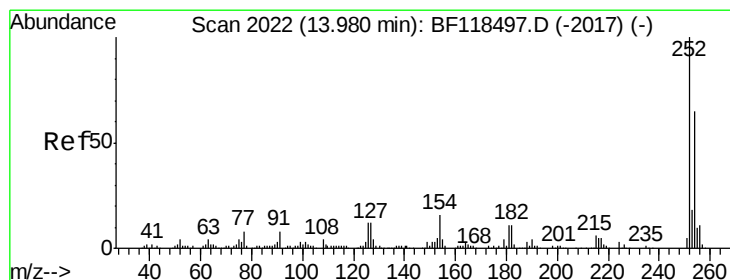
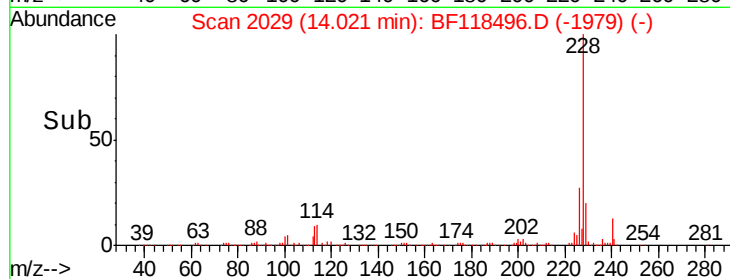
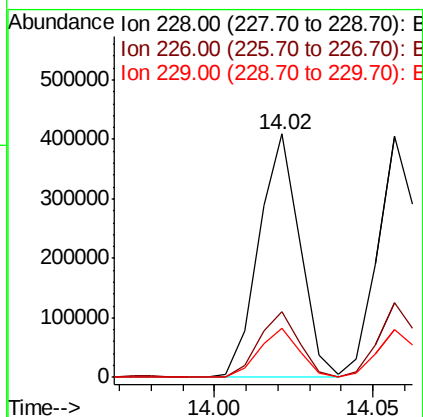
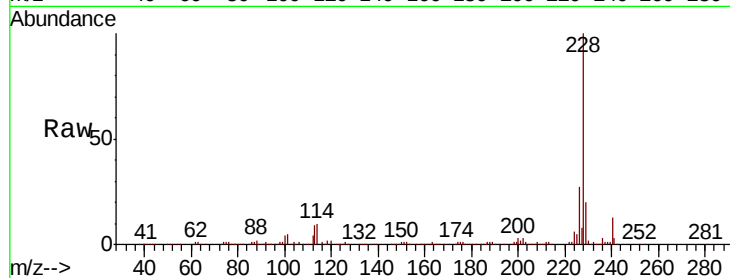




#81
Benzo(a)anthracene
Concen: 20.294 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

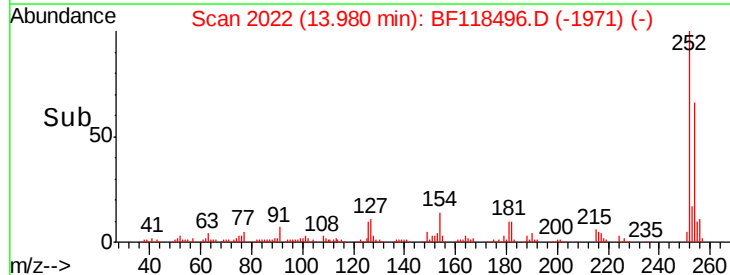
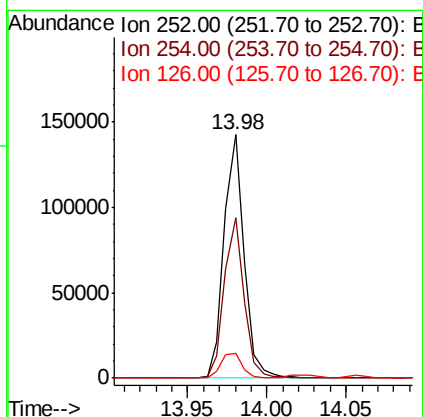
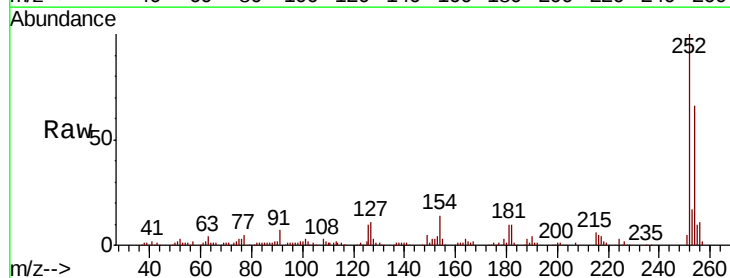
Instrument :
BNA_F
ClientSampled :

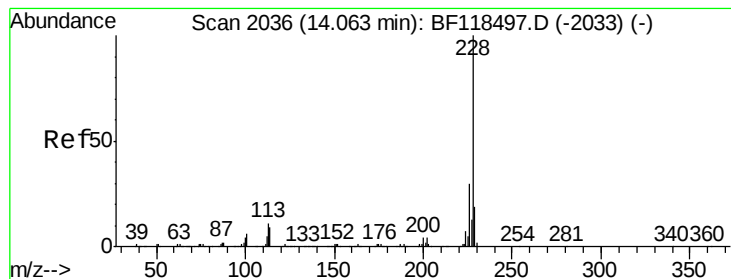
Tot Ion:228 Resp: 367014
Ion Ratio Lower Upper
228 100
226 26.8 20.7 31.1
229 20.1 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 21.753 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:252 Resp: 124806
Ion Ratio Lower Upper
252 100
254 65.8 52.1 78.1
126 10.4 9.6 14.4





#83

Chrysene

Concen: 20.029 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampled :

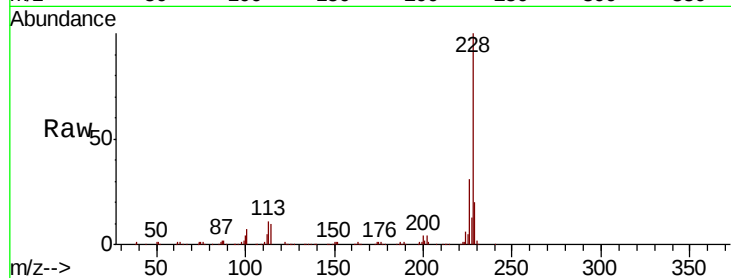
Tot Ion:228 Resp: 347246

Ion Ratio Lower Upper

228 100

226 31.2 23.6 35.4

229 19.7 15.6 23.4

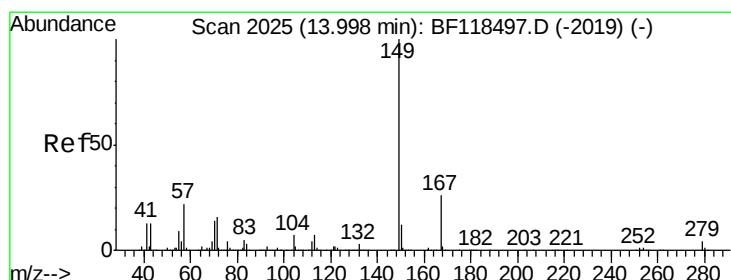
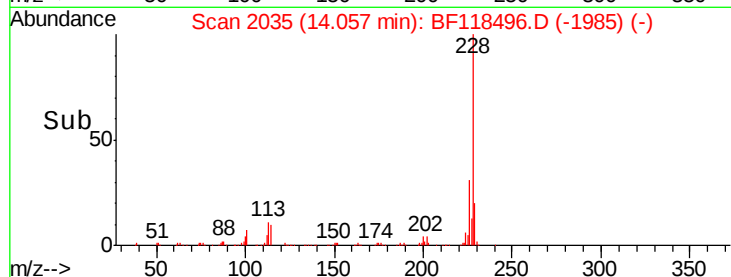
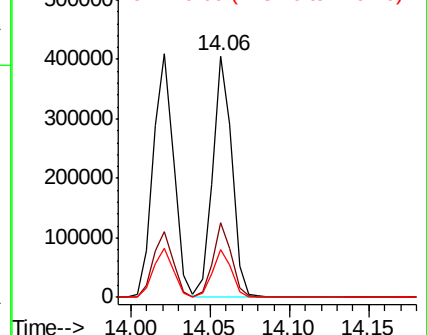


Abundance

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: 21.315 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

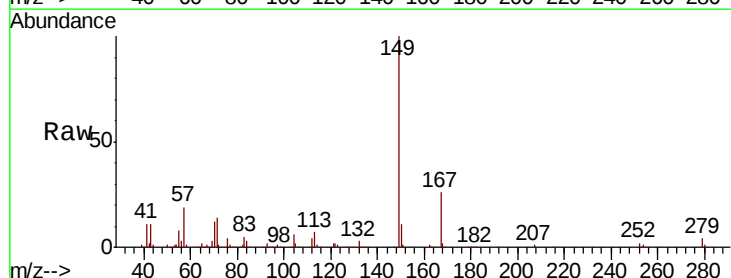
Tgt Ion:149 Resp: 257941

Ion Ratio Lower Upper

149 100

167 26.4 20.6 30.8

279 4.2 3.1 4.7

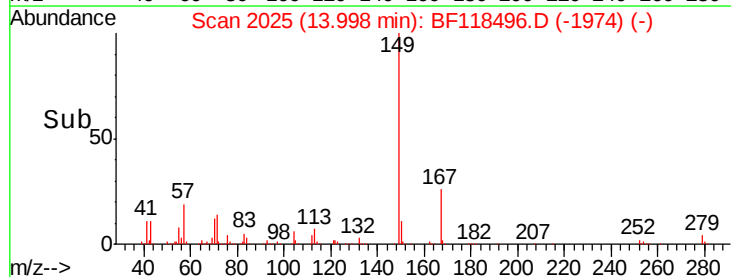
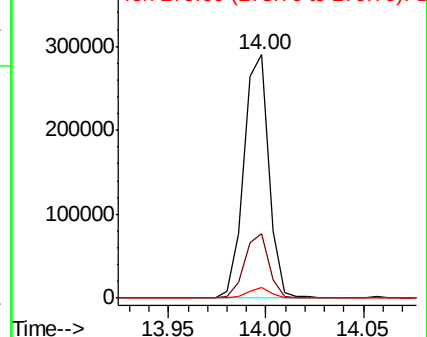


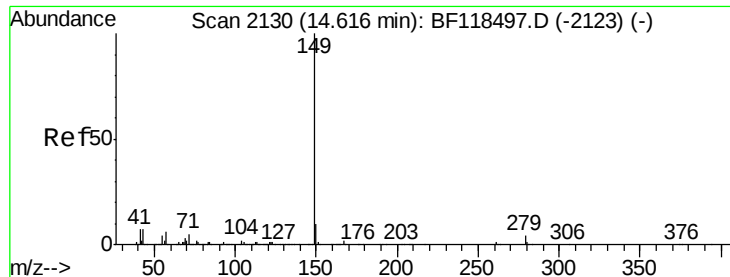
Abundance

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

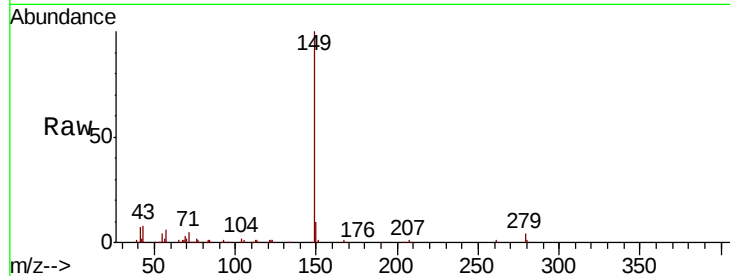




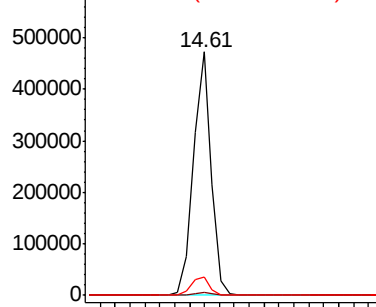
#85
Di-n-octyl phthalate
Concen: 21.219 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Instrument :
BNA_F
ClientSampleId :

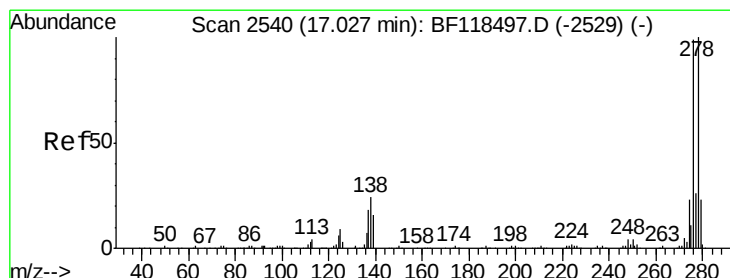
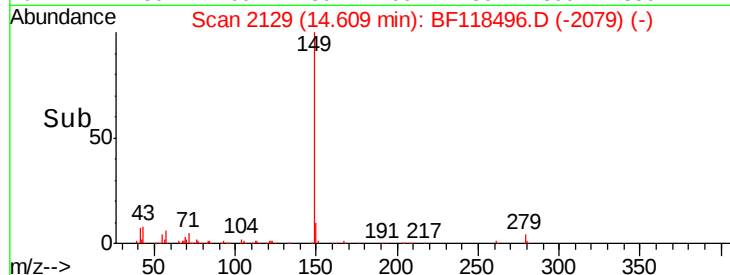
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.4	6.4	9.6



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

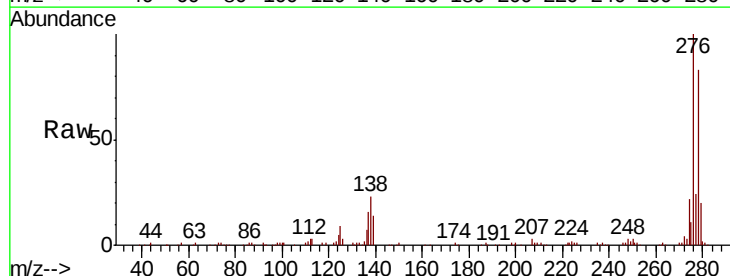


Time-->

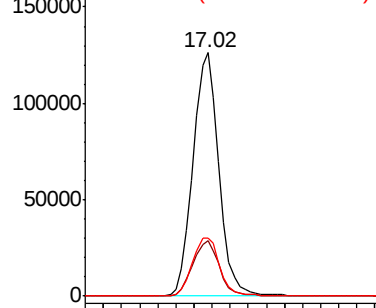


#86
Indeno(1,2,3-cd)pyrene
Concen: 20.214 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

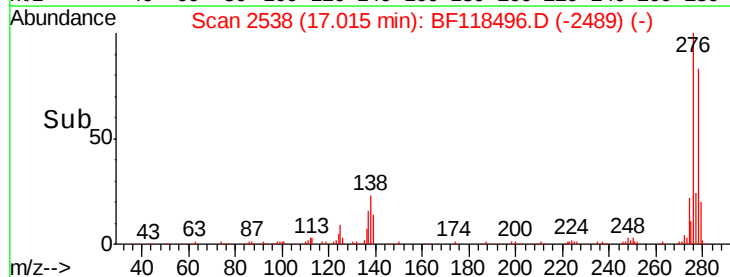
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.0	28.4
277	25.0	20.5	30.7

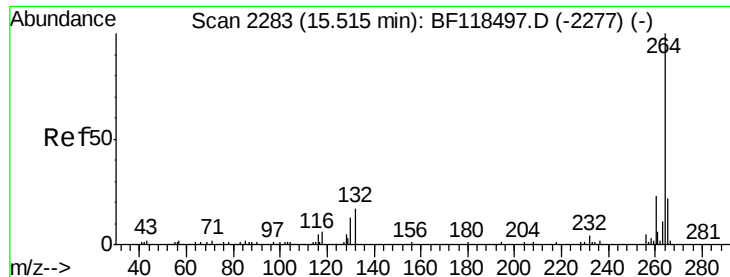


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->

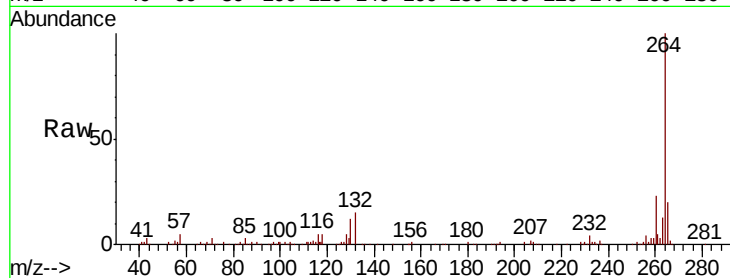




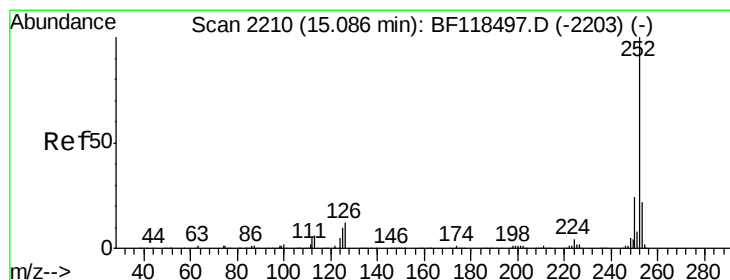
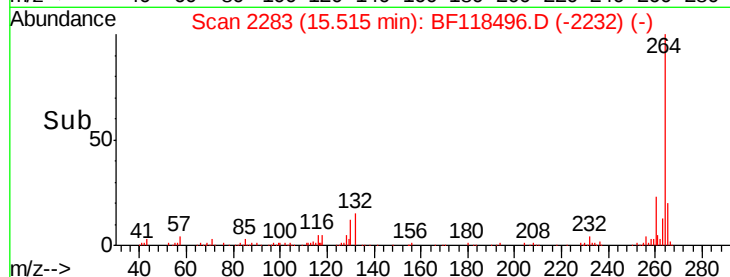
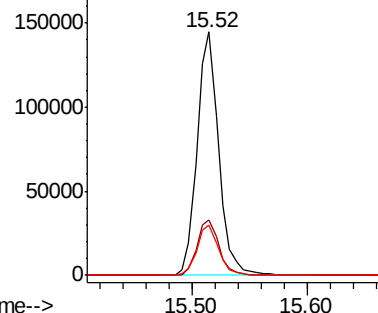
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 186910
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 20.5 17.5 26.3

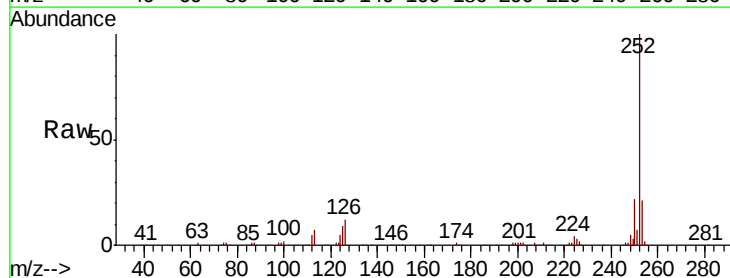


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

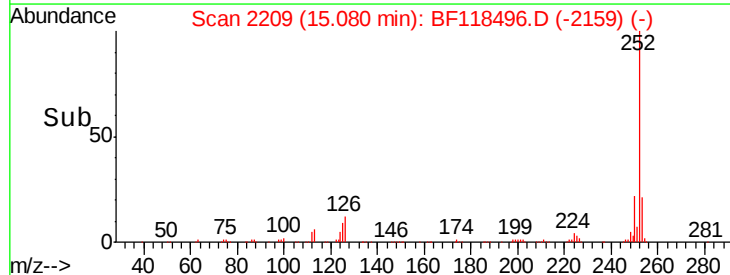
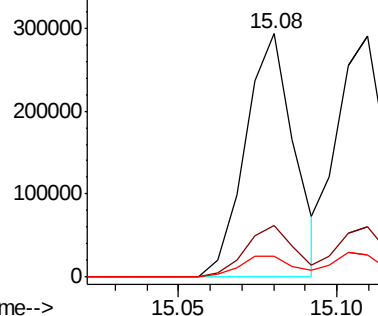


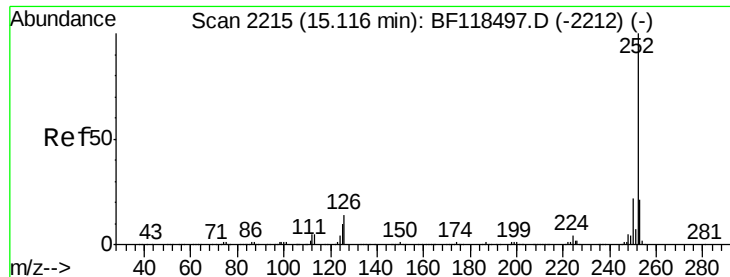
#88
Benzo(b)fluoranthene
Concen: 24.095 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion:252 Resp: 313269
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 8.8 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

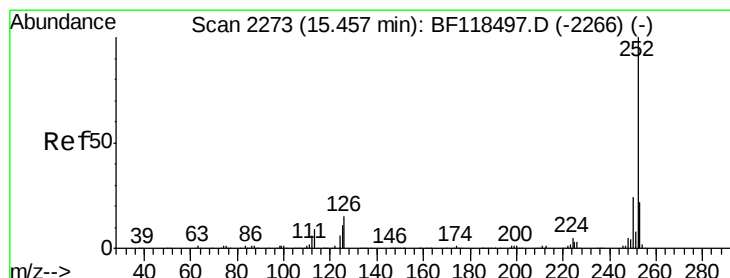
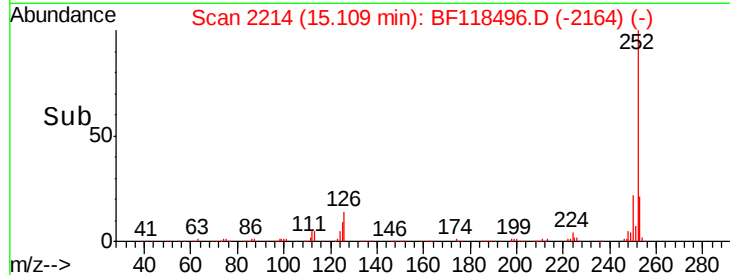
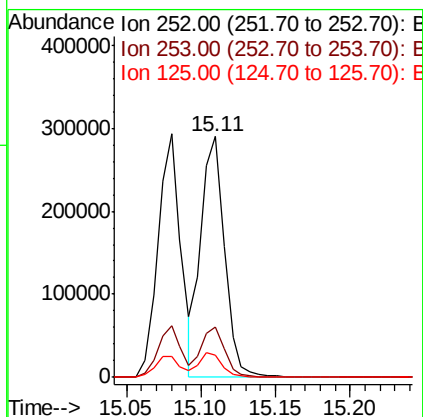
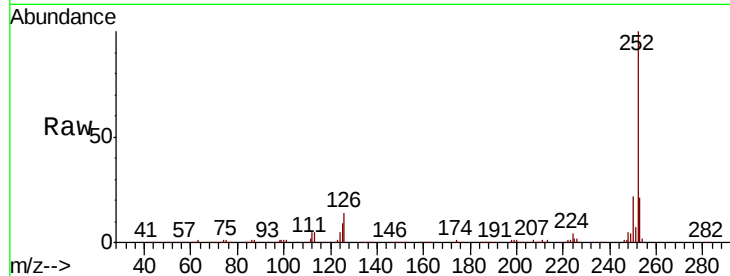




#89
Benzo(k)fluoranthene
Concen: 24.770 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

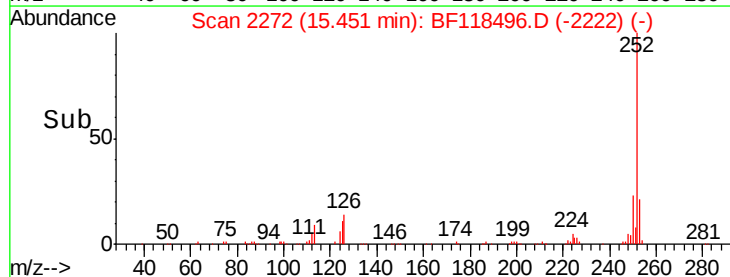
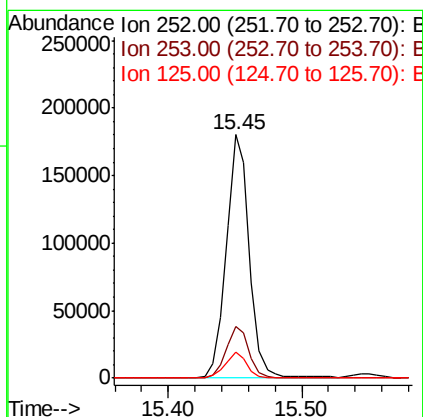
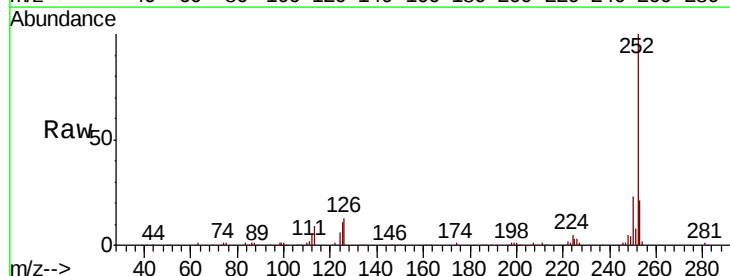
Instrument :
BNA_F
ClientSampleId :

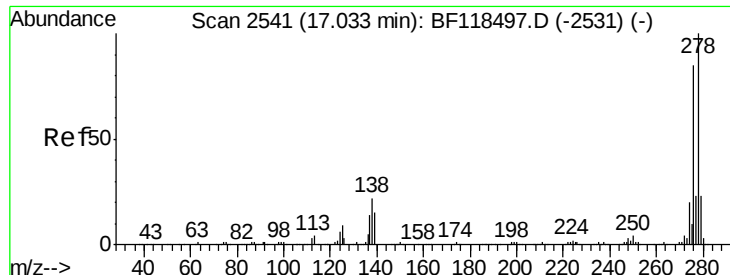
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.0	25.4
125	9.0	7.8	11.6



#90
Benzo(a)pyrene
Concen: 18.403 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118496.D
Acq: 8 Jan 2020 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	10.5	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 22.463 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

Instrument :

BNA_F

ClientSampled :

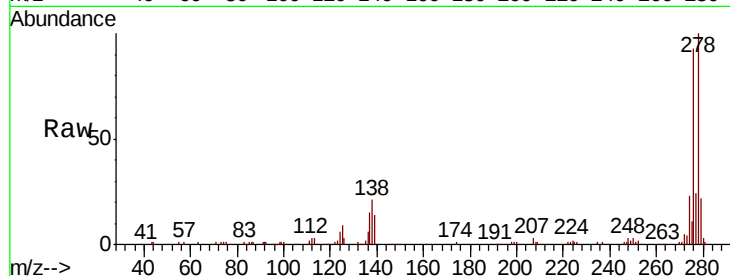
Tot Ion:278 Resp: 207646

Ion Ratio Lower Upper

278 100

139 14.0 11.9 17.9

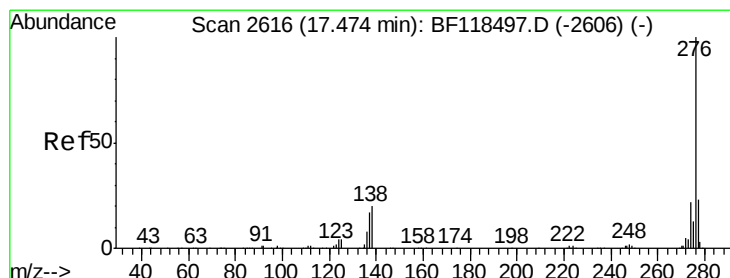
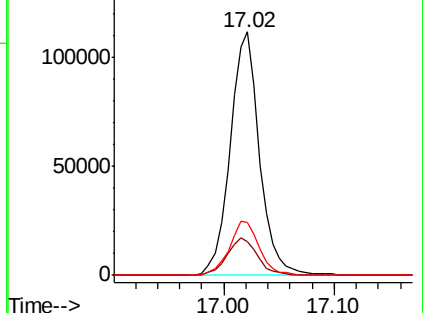
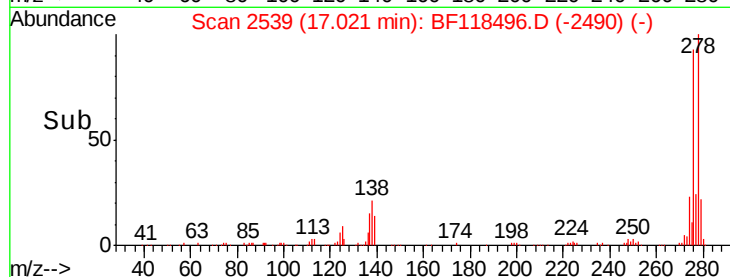
279 22.0 18.6 27.8



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: 17.105 ng

RT: 17.46 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BF118496.D

Acq: 8 Jan 2020 12:17

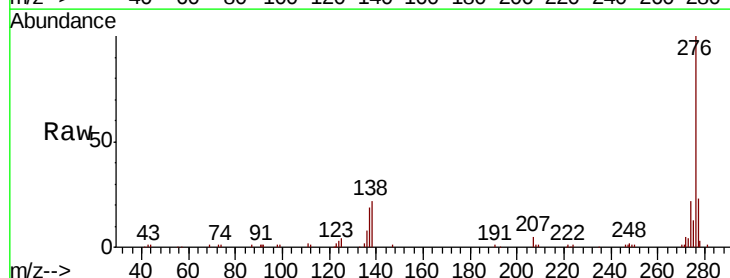
Tgt Ion:276 Resp: 164024

Ion Ratio Lower Upper

276 100

277 23.2 18.2 27.4

138 21.9 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

