

Data File : BF118520.D
Acq On : 10 Jan 2020 17:48
Operator : JU
Sample : L1060-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Quant Time: Jan 11 02:54:10 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 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	67648	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	291320	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	170049	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	316637	20.00	ng	0.00
76) Chrysene-d12	14.03	240	215408	20.00	ng	0.00
87) Perylene-d12	15.52	264	138496	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	554933	135.41	ng	0.01
7) Phenol-d6	6.47	99	677214	138.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	471370	85.00	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	257491	128.33	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1014629	85.57	ng	0.00
79) Terphenyl-d14	12.96	244	1137384	83.67	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.63	88	64261	47.036 ng	96
3) Pyridine	3.39	79	187993	51.119 ng	96
4) n-Nitrosodimethylamine	3.32	42	102086	55.395 ng	94
6) Aniline	6.50	93	71858	11.796 ng	# 72
8) 2-Chlorophenol	6.62	128	233918	52.207 ng	98
9) Benzaldehyde	6.38	77	117445	43.058 ng	98
10) Phenol	6.49	94	236375	43.539 ng	89
11) bis(2-Chloroethyl)ether	6.56	93	201352	52.022 ng	98
12) 1,3-Dichlorobenzene	6.77	146	234282	44.729 ng	99
13) 1,4-Dichlorobenzene	6.85	146	208541	39.021 ng	99
14) 1,2-Dichlorobenzene	7.00	146	210347	40.730 ng	100
15) Benzyl Alcohol	6.98	79	185134	46.583 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	189820	44.209 ng	74
17) 2-Methylphenol	7.09	107	169548	46.045 ng	94
18) Hexachloroethane	7.34	117	80463	39.735 ng	# 87
19) n-Nitroso-di-n-propylamine	7.25	70	150533	47.703 ng	98
20) 3+4-Methylphenols	7.26	107	227379	45.522 ng	# 56
22) Acetophenone	7.24	105	320016	43.337 ng	# 93
24) Nitrobenzene	7.42	77	238855	43.316 ng	96
25) Isophorone	7.66	82	415772	46.799 ng	99
26) 2-Nitrophenol	7.73	139	132353	48.612 ng	97
27) 2,4-Dimethylphenol	7.77	122	207576	56.693 ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	255376	43.722 ng	99
29) 2,4-Dichlorophenol	7.98	162	169582	39.668 ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	190098	38.285 ng	99
31) Naphthalene	8.14	128	631981	41.473 ng	99
32) Benzoic acid	7.77	122	207576	77.687 ng	# 14
33) 4-Chloroaniline	8.20	127	23644	3.769 ng	99
34) Hexachlorobutadiene	8.25	225	112271	36.836 ng	98
35) Caprolactam	8.56	113	34091	26.473 ng	98
36) 4-Chloro-3-methylphenol	8.69	107	193843	42.177 ng	97
37) 2-Methylnaphthalene	8.83	142	447765	42.814 ng	98
38) 1-Methylnaphthalene	8.93	142	422785	43.056 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	196750	37.657 ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	98812	71.071	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	138464	42.886	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	145760	43.627	ng	97
46) 1,1'-Biphenyl	9.30	154	574127	41.321	ng	99
47) 2-Chloronaphthalene	9.33	162	464506	42.239	ng	96
48) 2-Nitroaniline	9.43	65	125695	39.554	ng	98
49) Acenaphthylene	9.74	152	667638	40.785	ng	100
50) Dimethylphthalate	9.60	163	525895	40.294	ng	100
51) 2,6-Dinitrotoluene	9.67	165	117327	41.744	ng	98
52) Acenaphthene	9.91	154	416142	41.630	ng	98
53) 3-Nitroaniline	9.85	138	25083	7.619	ng	97
54) 2,4-Dinitrophenol	9.97	184	22603	22.181	ng	97
55) Dibenzofuran	10.09	168	554490	36.931	ng	96
56) 4-Nitrophenol	10.02	139	113490	70.995	ng	92
57) 2,4-Dinitrotoluene	10.08	165	141228	37.527	ng	95
58) Fluorene	10.43	166	513198	42.525	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	107815	38.159	ng	97
60) Diethylphthalate	10.30	149	508512	38.274	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	256318	42.508	ng	98
62) 4-Nitroaniline	10.46	138	106455	33.023	ng	97
63) Azobenzene	10.58	77	406752	36.026	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	38981	23.288	ng	95
66) n-Nitrosodiphenylamine	10.54	169	457217	44.341	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	156977	42.326	ng	98
68) Hexachlorobenzene	10.99	284	178254	40.248	ng	98
69) Atrazine	11.07	200	134967	44.050	ng	99
70) Pentachlorophenol	11.19	266	113083	78.061	ng	97
71) Phenanthrene	11.40	178	753358	42.473	ng	100
72) Anthracene	11.45	178	778328	44.108	ng	99
73) Carbazole	11.61	167	726176	47.506	ng	99
74) Di-n-butylphthalate	11.93	149	793771	38.924	ng	98
75) Fluoranthene	12.60	202	685244	38.009	ng	97
77) Benzidine	12.72	184	158769	28.960	ng	97
78) Pyrene	12.83	202	695159	39.224	ng	99
80) Butylbenzylphthalate	13.44	149	367029	45.220	ng	92
81) Benzo(a)anthracene	14.02	228	660165	43.785	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	39345	8.025	ng	93
83) Chrysene	14.06	228	612182	41.783	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	474690	43.074	ng	99
85) Di-n-octyl phthalate	14.61	149	692527	43.811	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	576527	48.876	ng	100
88) Benzo(b)fluoranthene	15.08	252	548030	54.732	ng	99
89) Benzo(k)fluoranthene	15.11	252	482839	50.519	ng	98
90) Benzo(a)pyrene	15.46	252	463975	56.544	ng	97
91) Dibenzo(a,h)anthracene	17.03	278	489722	63.648	ng	98
92) Benzo(g,h,i)perylene	17.47	276	396771	54.424	ng	100

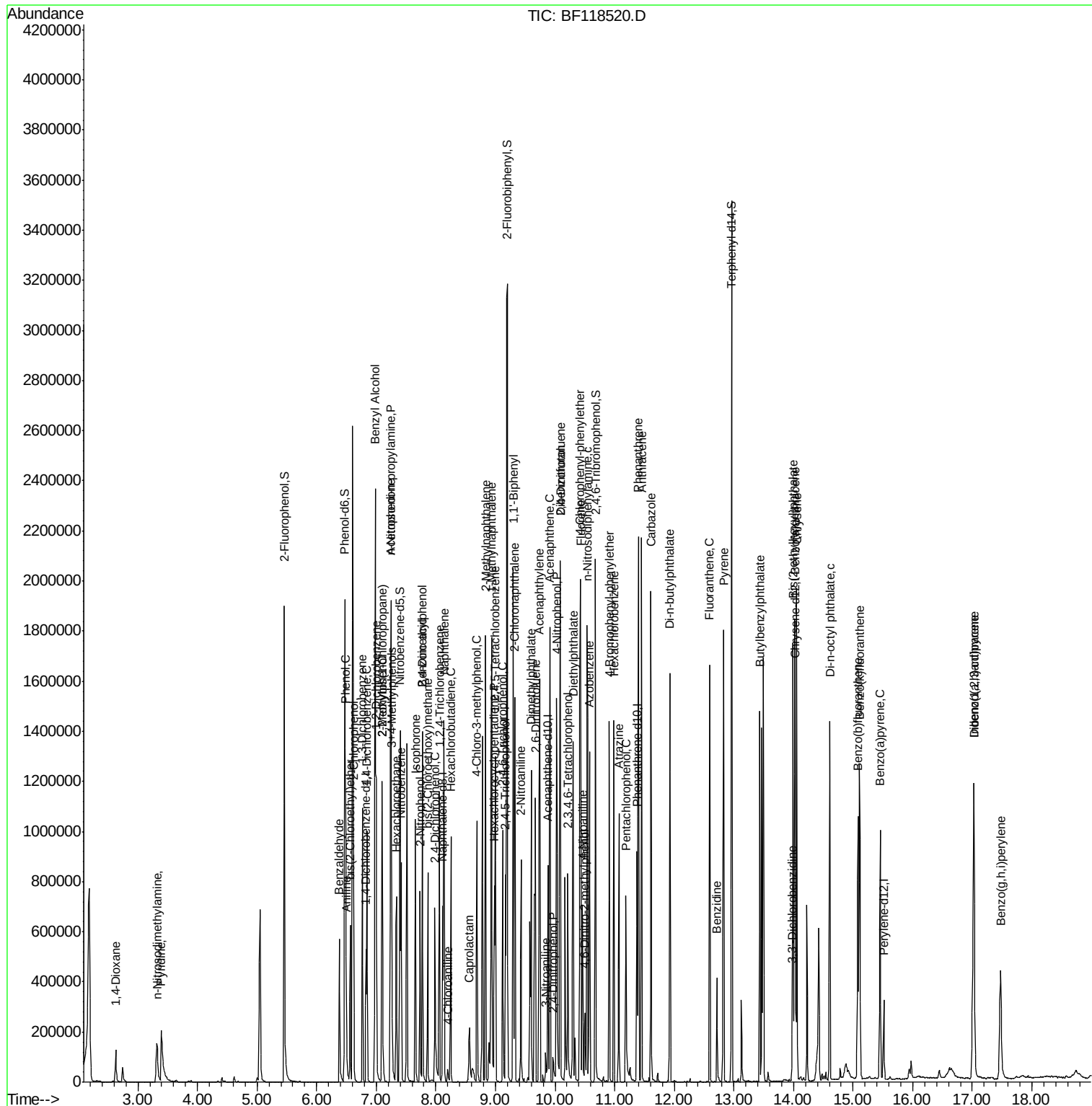
(#) = qualifier out of range (m) = manual integration (+) = signals summed

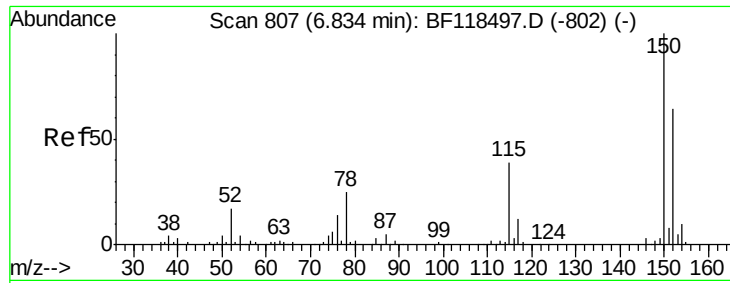
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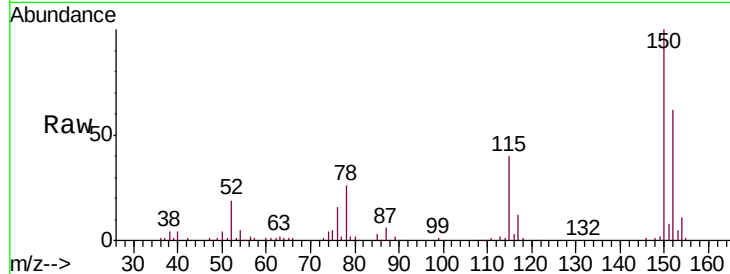


#1

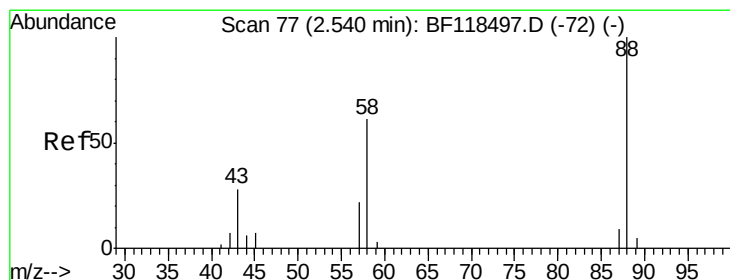
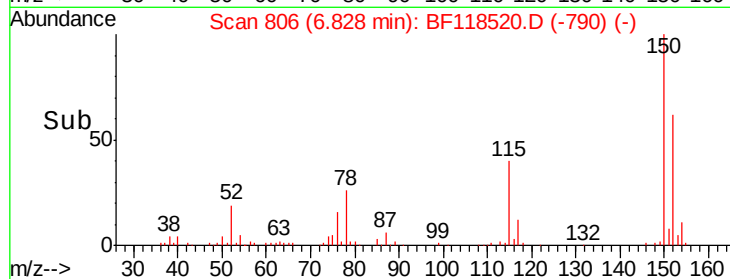
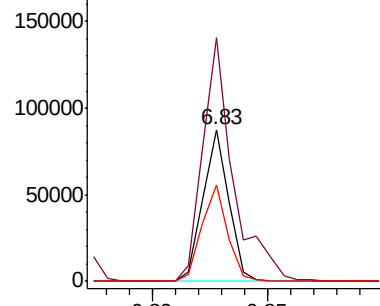
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion:152 Resp: 67648
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.7 187.1
 115 63.6 49.0 73.6



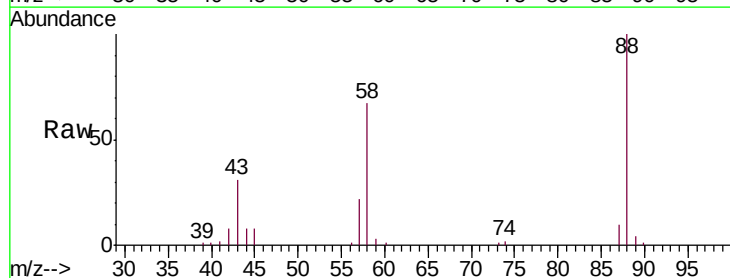
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



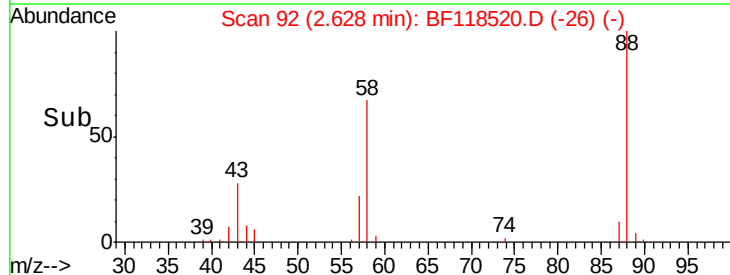
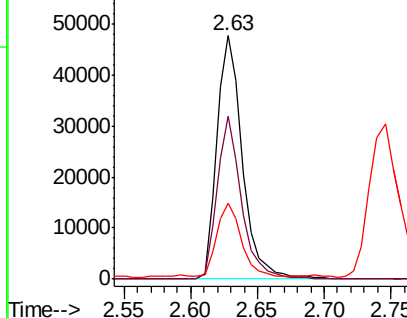
#2

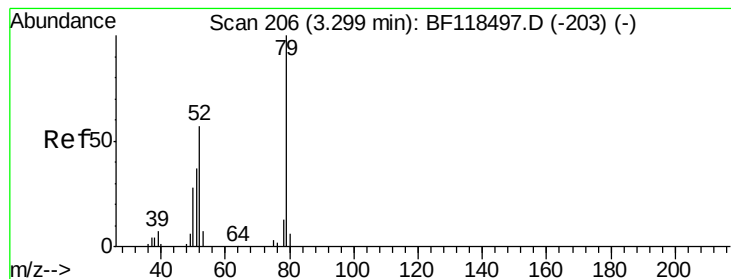
1,4-Dioxane
 Concen: 47.036 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.09 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Tgt Ion: 88 Resp: 64261
 Ion Ratio Lower Upper
 88 100
 58 63.7 48.3 72.5
 43 28.2 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

Pyridine

Concen: 51.119 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.09 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampled :

TP-1MSD

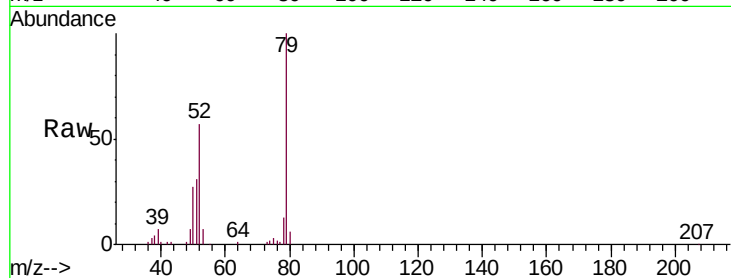
Tgt Ion: 79 Resp: 187993

Ion Ratio Lower Upper

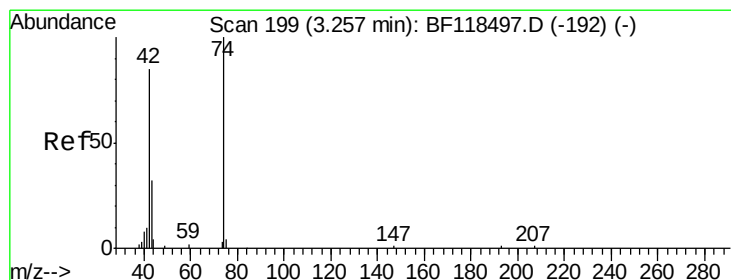
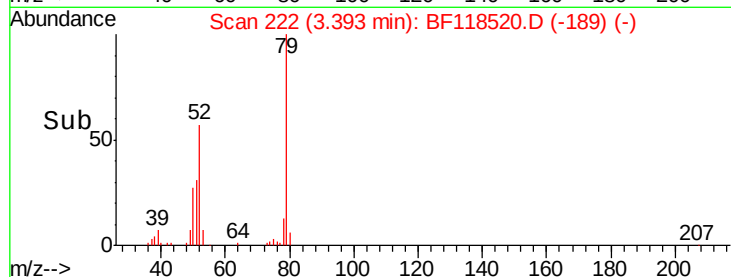
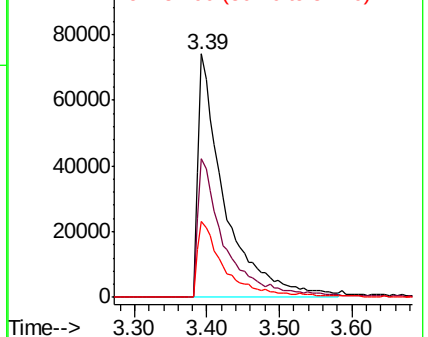
79 100

52 56.9 45.9 68.9

51 31.3 29.8 44.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
100000
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 55.395 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.06 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

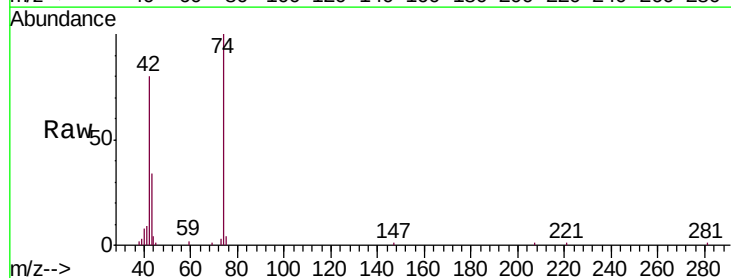
Tgt Ion: 42 Resp: 102086

Ion Ratio Lower Upper

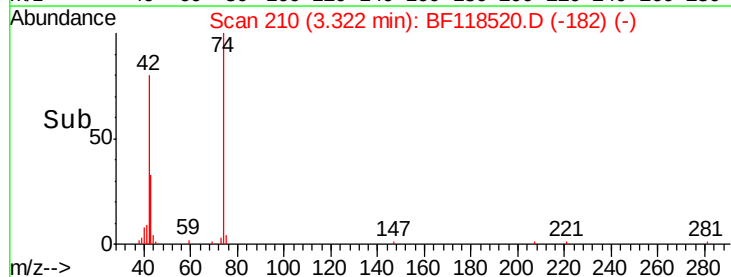
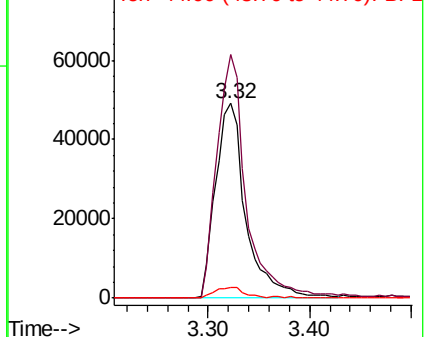
42 100

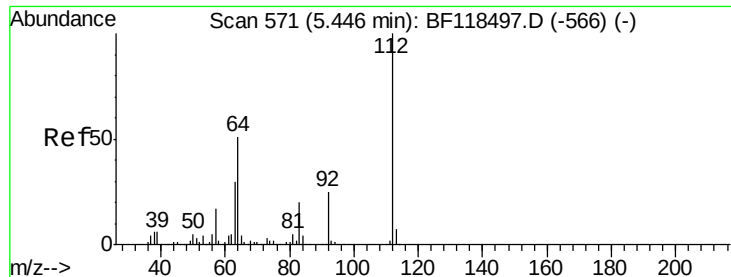
74 125.0 94.1 141.1

44 5.4 4.1 6.1



Abundance Ion 42.00 (41.70 to 42.70): BF1
80000
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 135.415 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF118520.D

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Instrument :

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TP-1MSD

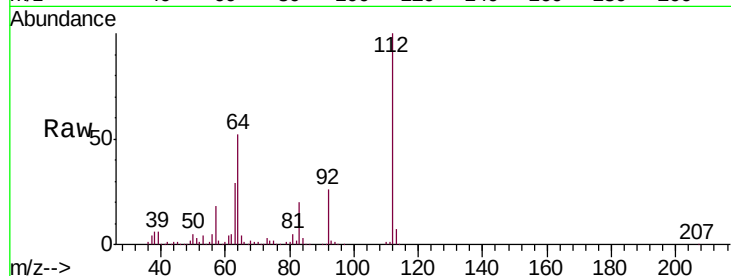
Tgt Ion: 112 Resp: 554933

Ion Ratio Lower Upper

112 100

64 52.3 41.1 61.7

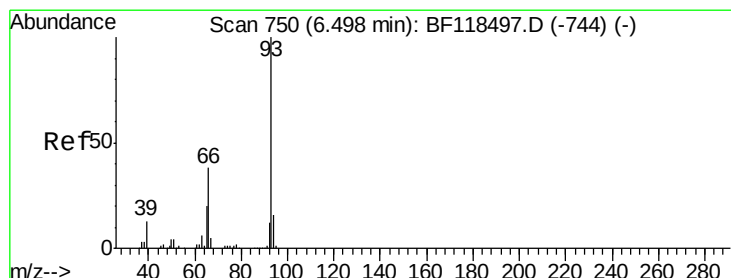
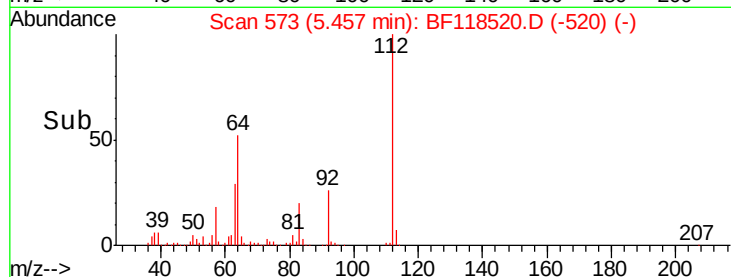
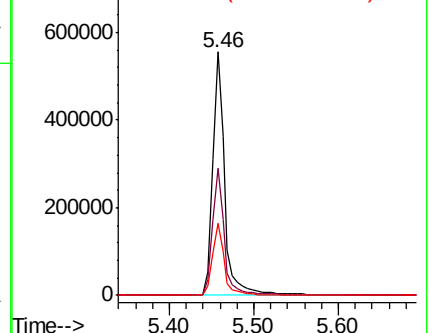
63 29.4 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.796 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

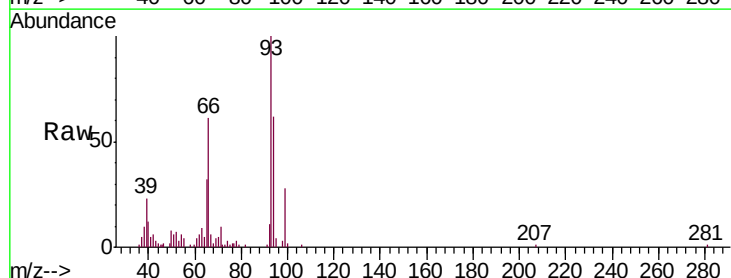
Tgt Ion: 93 Resp: 71858

Ion Ratio Lower Upper

93 100

66 60.7 33.4 50.0#

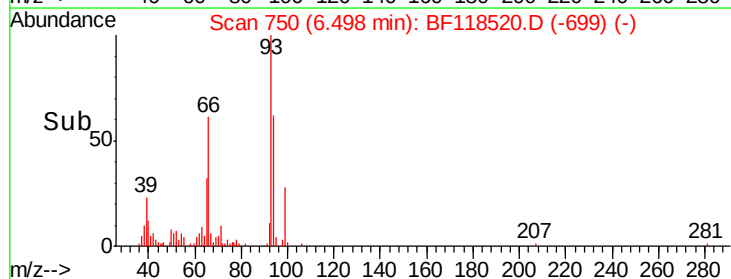
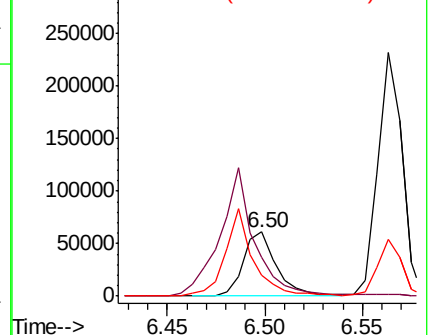
65 32.0 16.7 25.1#

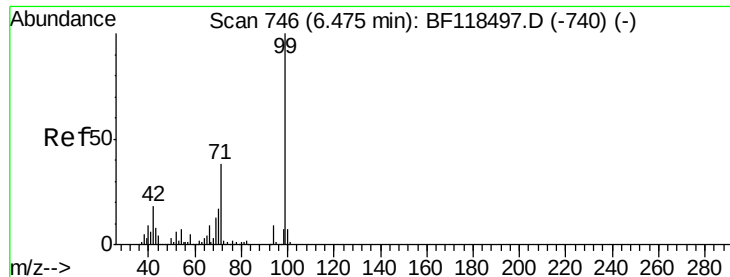


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.223 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

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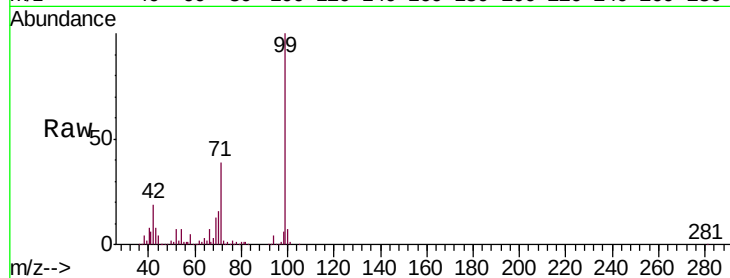
Tgt Ion: 99 Resp: 677214

Ion Ratio Lower Upper

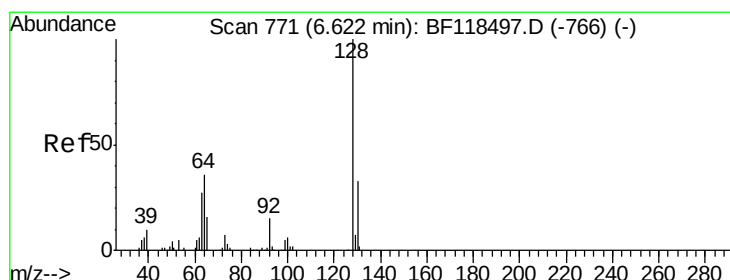
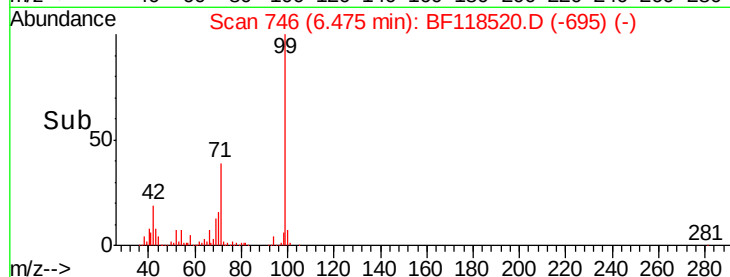
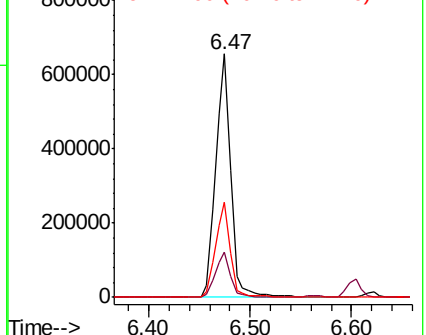
99 100

42 18.6 14.5 21.7

71 39.2 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: 52.207 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

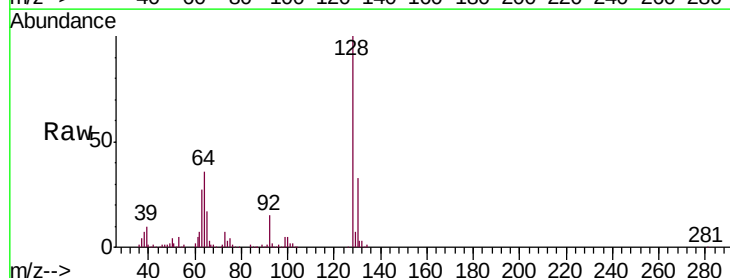
Tgt Ion: 128 Resp: 233918

Ion Ratio Lower Upper

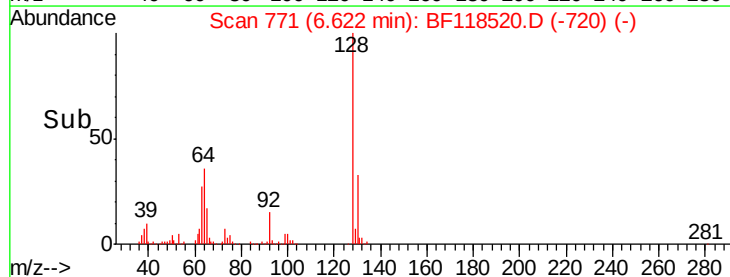
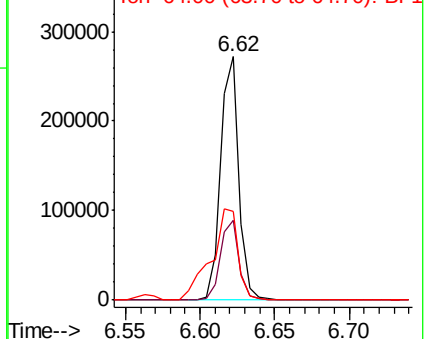
128 100

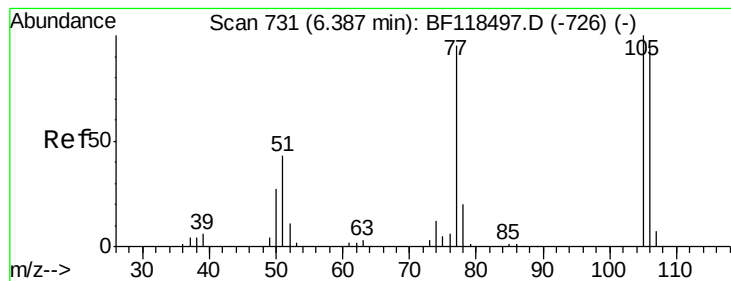
130 32.9 12.7 52.7

64 36.3 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: 43.058 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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TP-1MSD

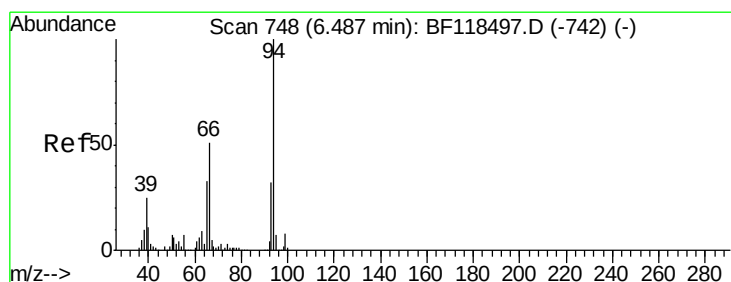
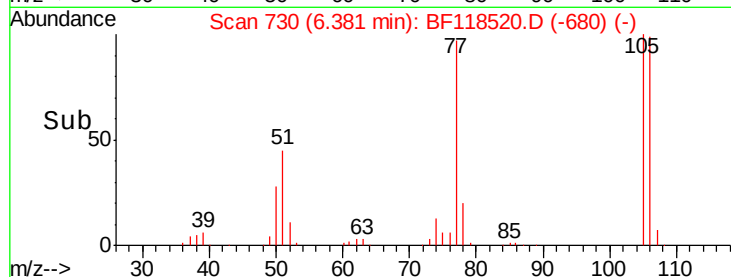
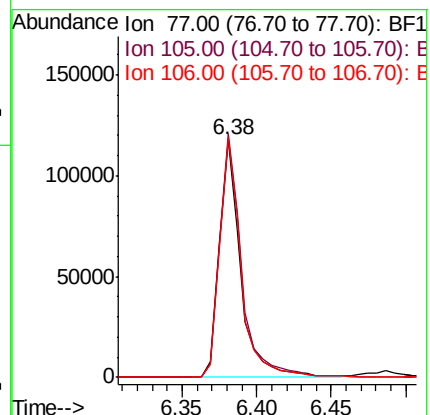
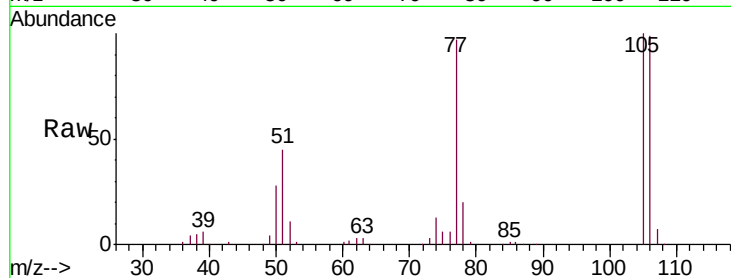
Tgt Ion: 77 Resp: 117445

Ion Ratio Lower Upper

77 100

105 102.6 85.4 125.4

106 101.1 79.5 119.5



#10

Phenol

Concen: 43.539 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

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Acq: 10 Jan 2020 17:48

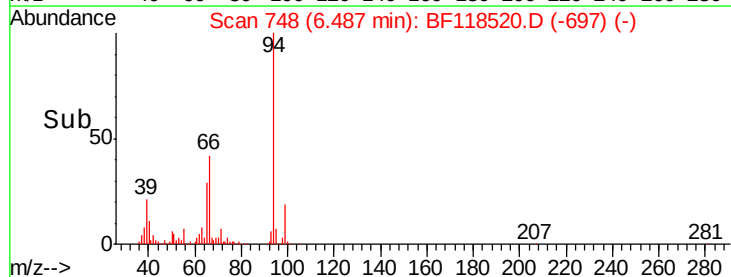
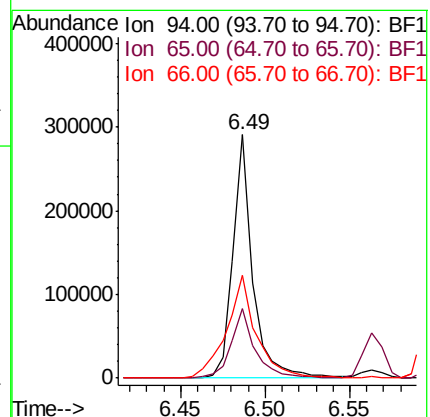
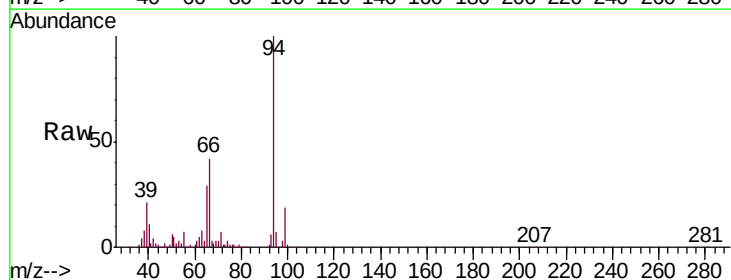
Tgt Ion: 94 Resp: 236375

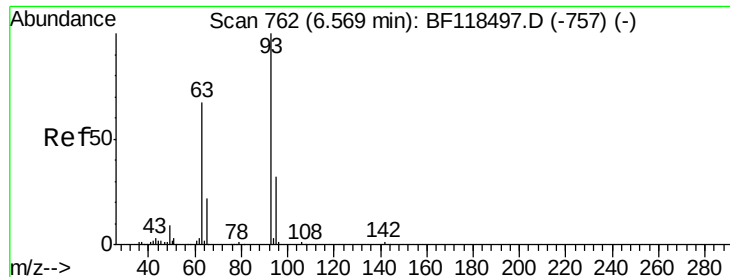
Ion Ratio Lower Upper

94 100

65 28.7 13.3 53.3

66 42.1 30.9 70.9

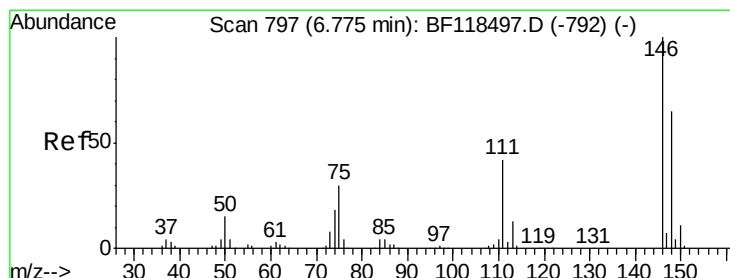
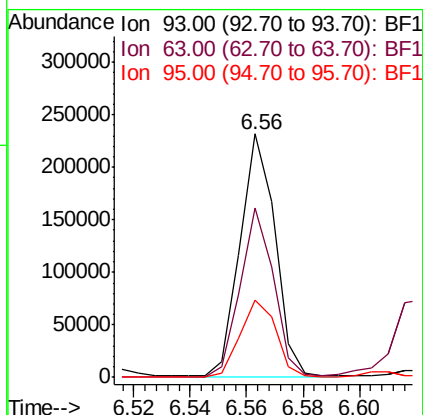
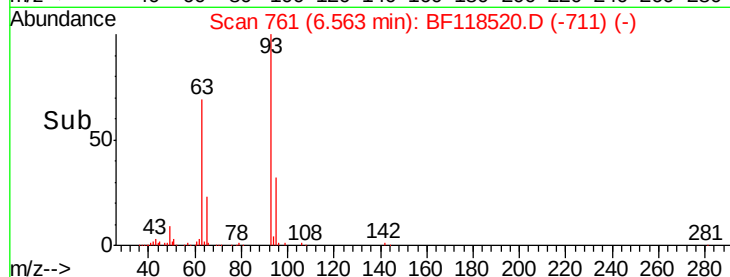
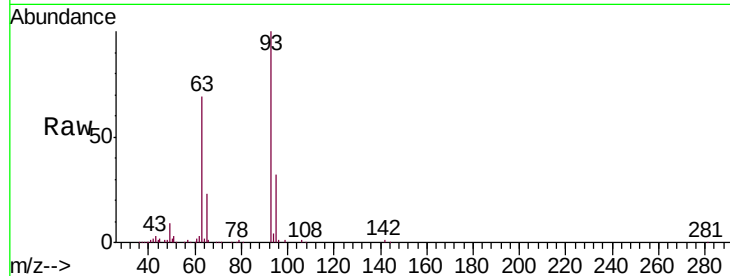




#11
 bis(2-Chloroethyl)ether
 Concen: 52.022 ng
 RT: 6.56 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

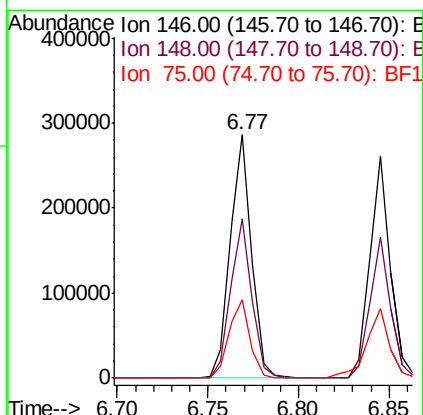
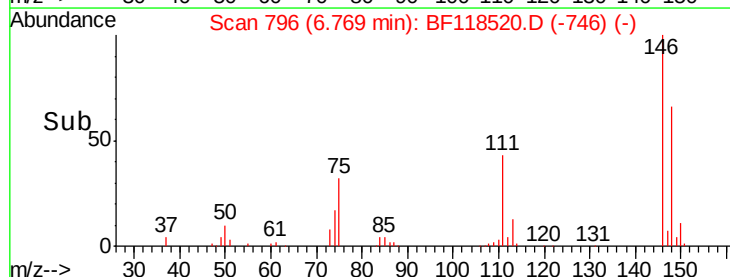
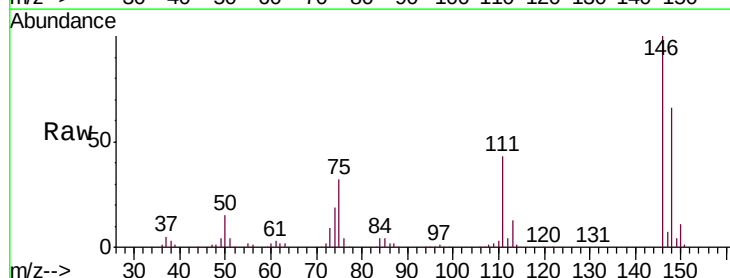
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

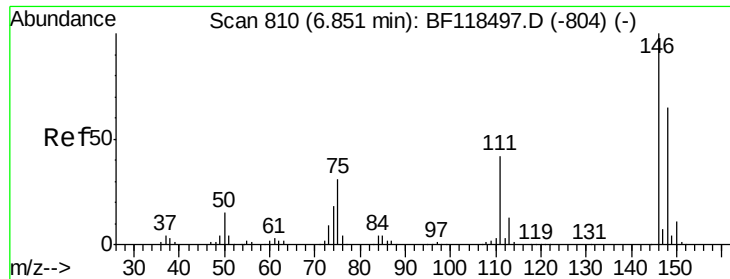
Tgt Ion: 93 Resp: 201352
 Ion Ratio Lower Upper
 93 100
 63 69.4 46.6 86.6
 95 31.6 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 44.729 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Tgt Ion: 146 Resp: 234282
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.4 78.6
 75 32.1 24.1 36.1

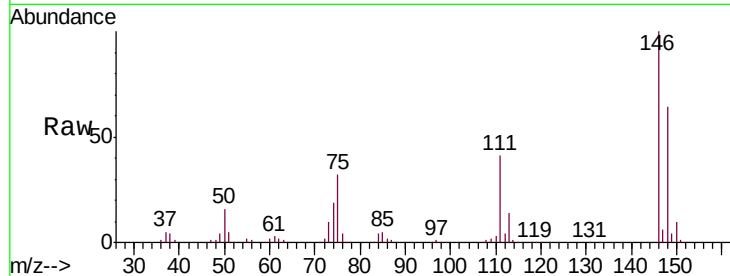




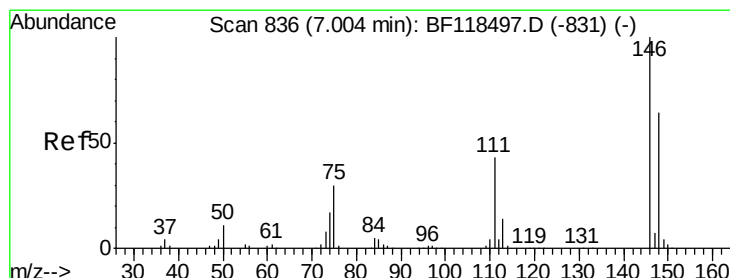
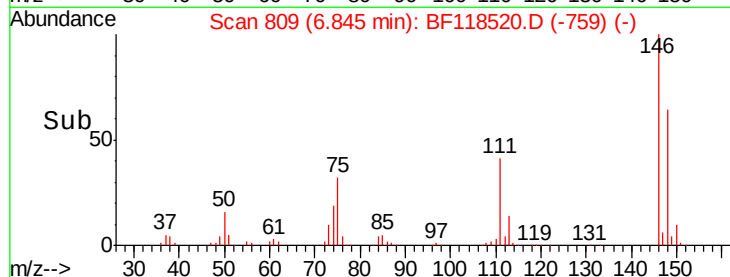
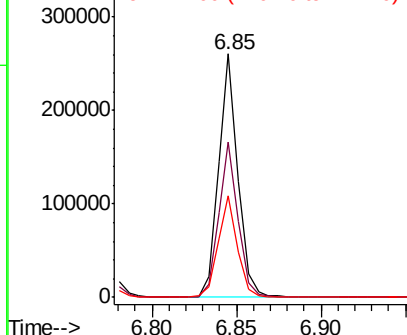
#13
 1,4-Dichlorobenzene
 Concen: 39.021 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion:146 Resp: 208541
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 41.5 33.2 49.8

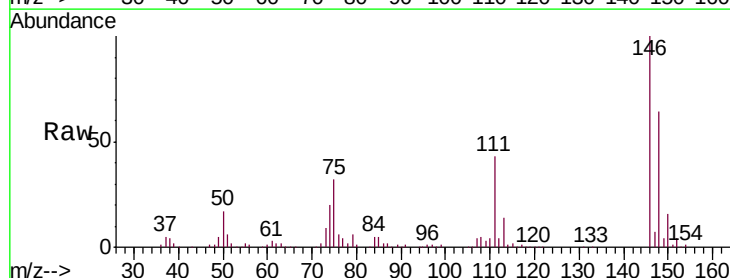


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

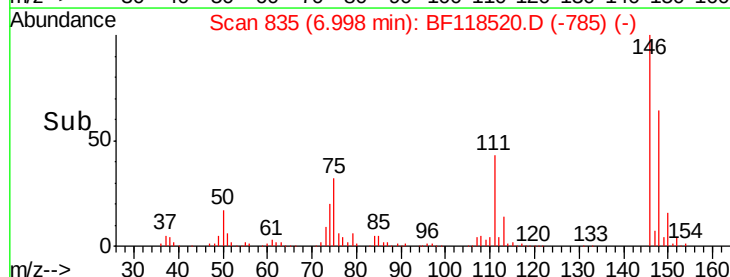
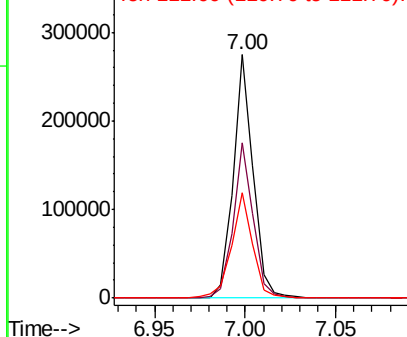


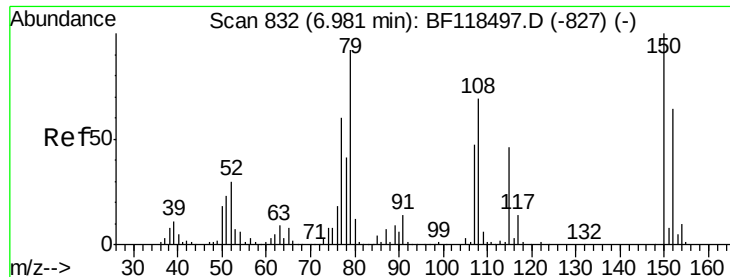
#14
 1,2-Dichlorobenzene
 Concen: 40.730 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Tgt Ion:146 Resp: 210347
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.3 76.9
 111 43.4 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

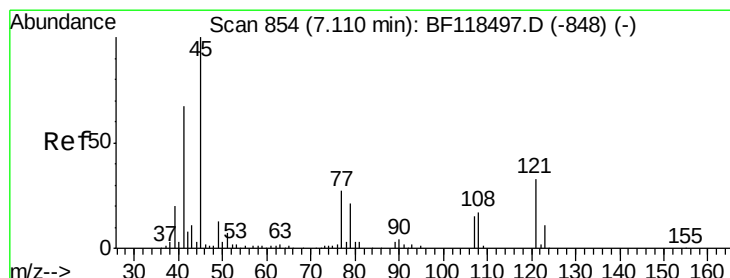
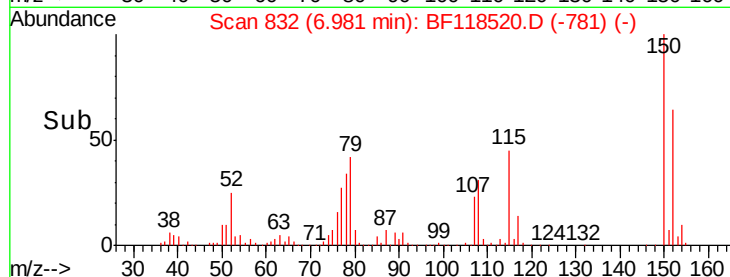
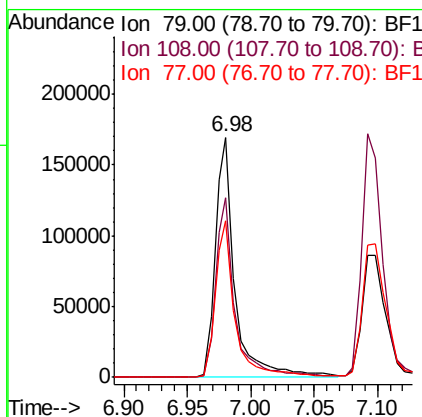
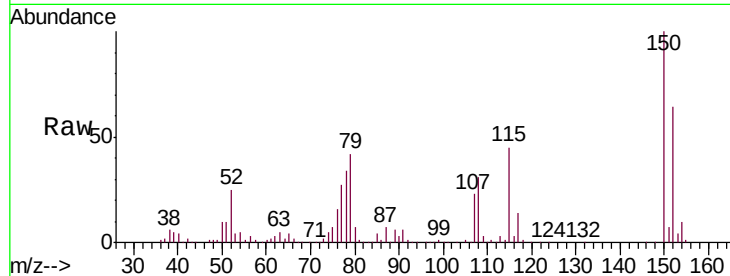




#15
Benzyl Alcohol
Concen: 46.583 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

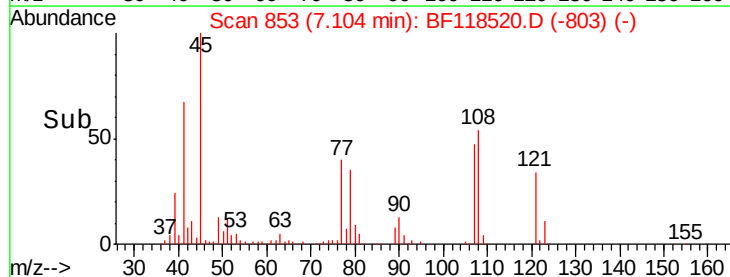
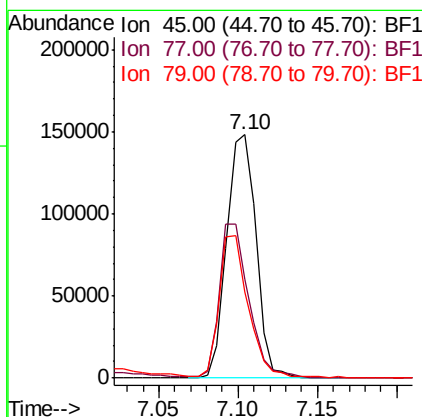
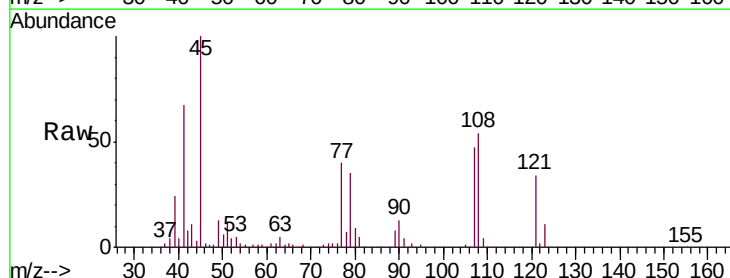
Instrument :
BNA_F
ClientSampled :
TP-1MSD

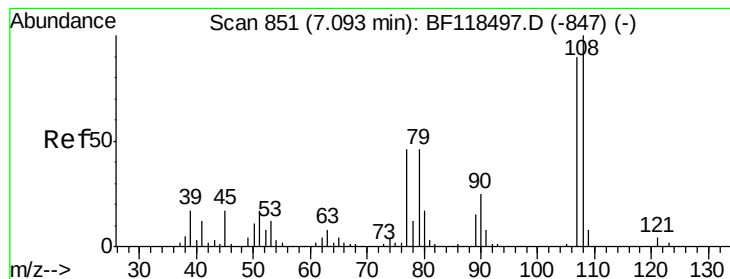
Tgt Ion: 79 Resp: 185134
Ion Ratio Lower Upper
79 100
108 74.8 60.2 90.2
77 65.4 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.209 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion: 45 Resp: 189820
Ion Ratio Lower Upper
45 100
77 40.4 7.6 47.6
79 35.4 2.0 42.0





#17

2-Methylphenol

Concen: 46.045 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:107 Resp: 169548

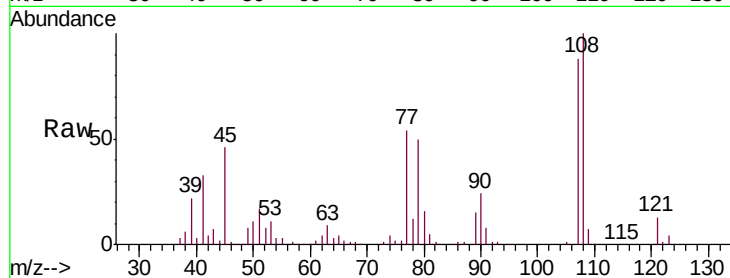
Ion Ratio Lower Upper

107 100

108 113.7 88.9 133.3

77 61.8 41.2 61.8

79 56.9 41.6 62.4

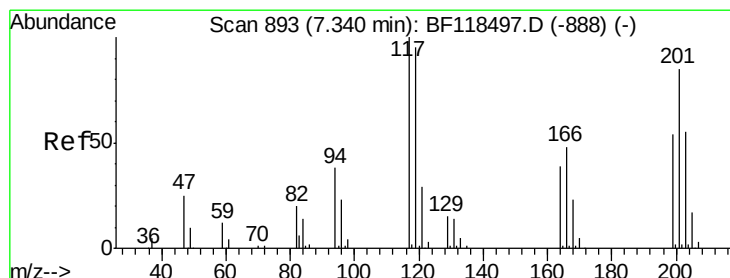
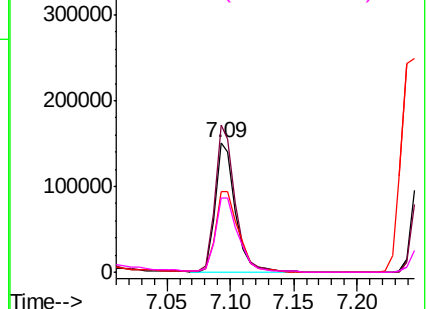
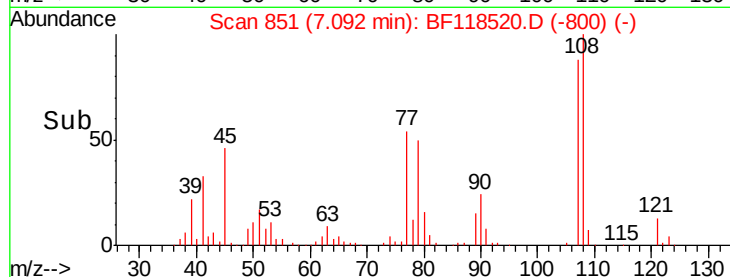


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.735 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

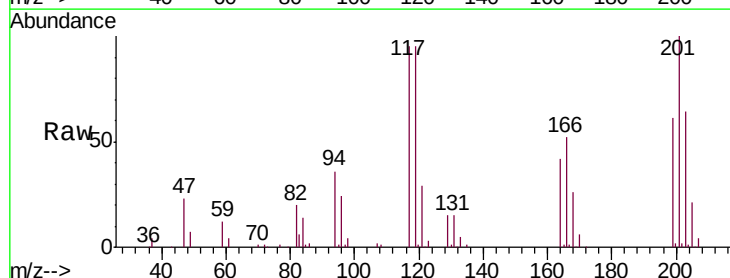
Tgt Ion:117 Resp: 80463

Ion Ratio Lower Upper

117 100

119 99.6 76.2 114.4

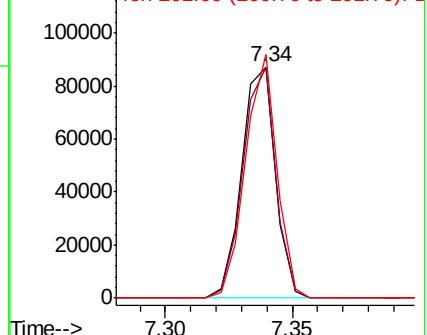
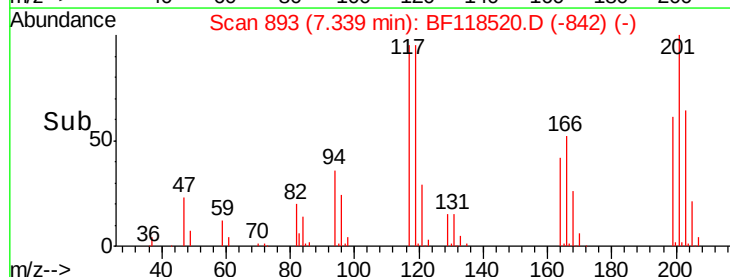
201 105.2 67.7 101.5#

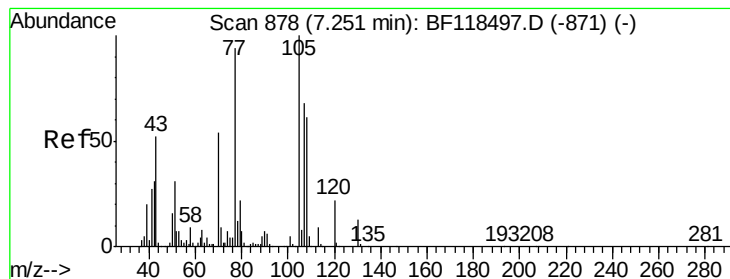


Abundance Ion 117.00 (116.70 to 117.70): E

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: 47.703 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 70 Resp: 150533

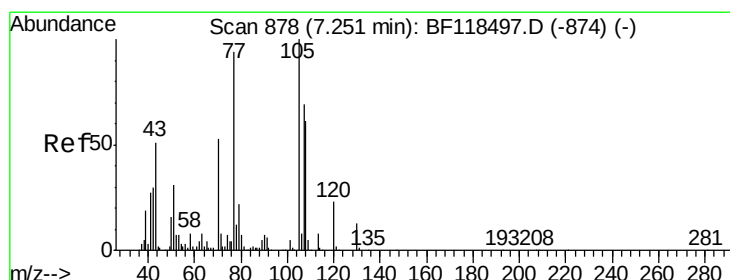
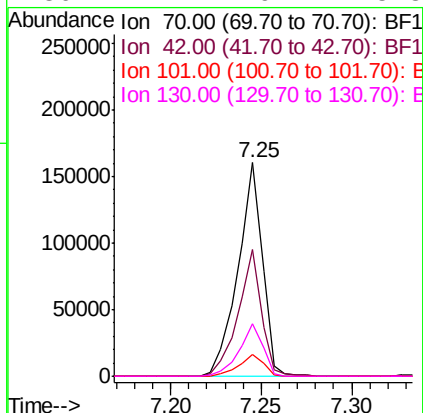
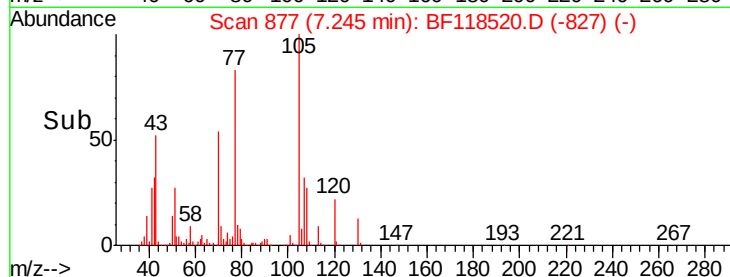
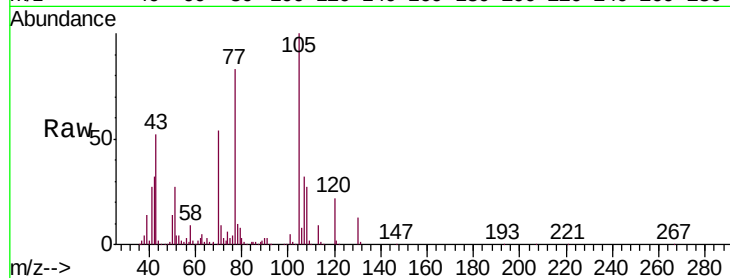
Ion Ratio Lower Upper

70 100

42 59.1 45.6 68.4

101 10.1 8.2 12.2

130 24.4 19.2 28.8



#20

3+4-Methylphenols

Concen: 45.522 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Tgt Ion: 107 Resp: 227379

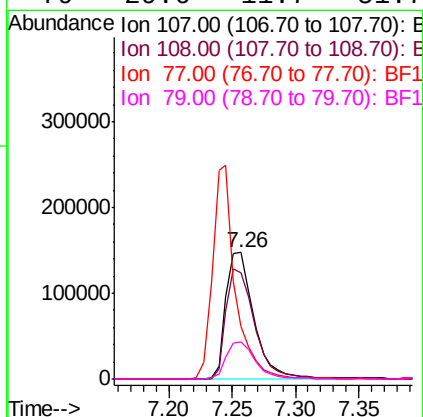
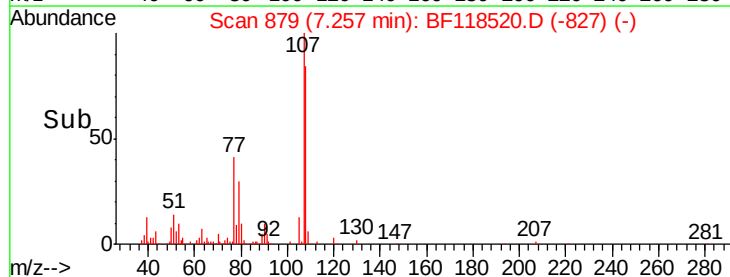
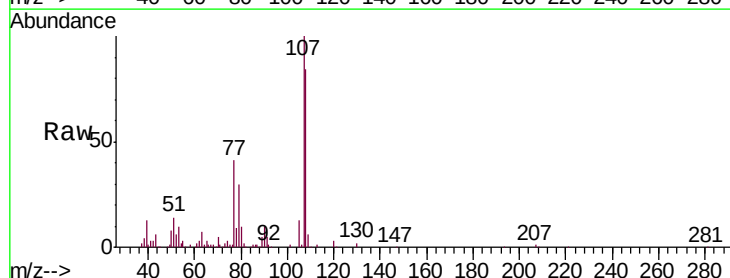
Ion Ratio Lower Upper

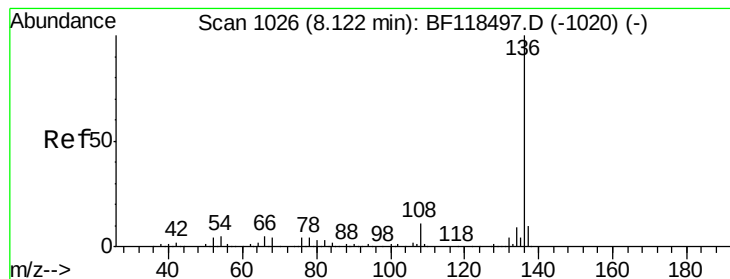
107 100

108 84.4 68.9 108.9

77 41.2 116.8 156.8#

79 29.6 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:136 Resp: 291320

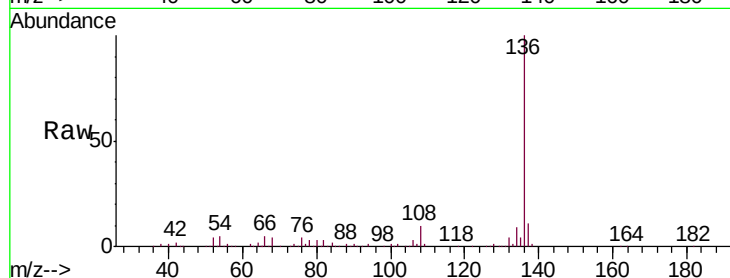
Ion Ratio Lower Upper

136 100

137 10.7 8.3 12.5

54 5.3 4.2 6.2

68 4.3 3.3 4.9

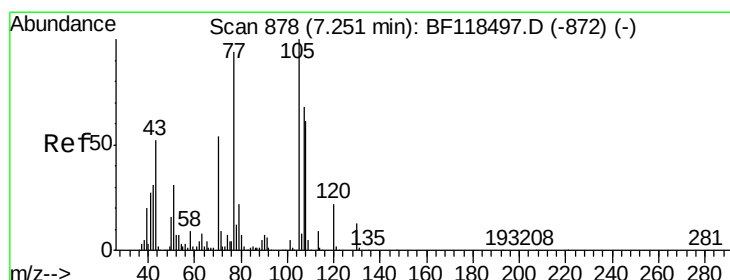
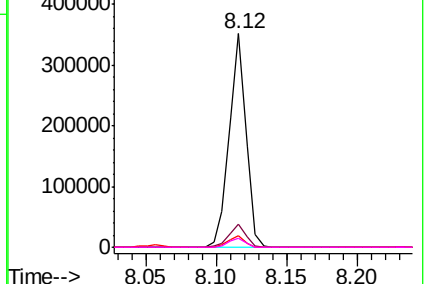
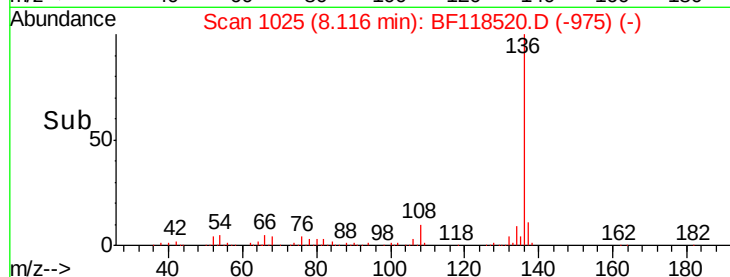


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.337 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Tgt Ion:105 Resp: 320016

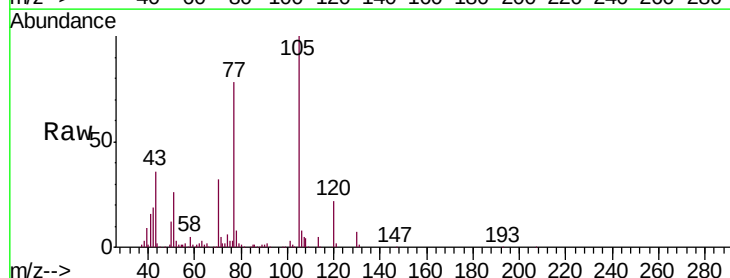
Ion Ratio Lower Upper

105 100

71 5.4 6.9 10.3#

51 25.8 25.0 37.4

120 21.8 18.0 27.0

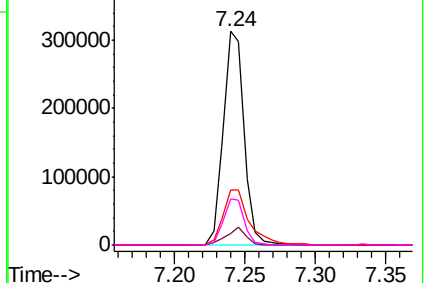
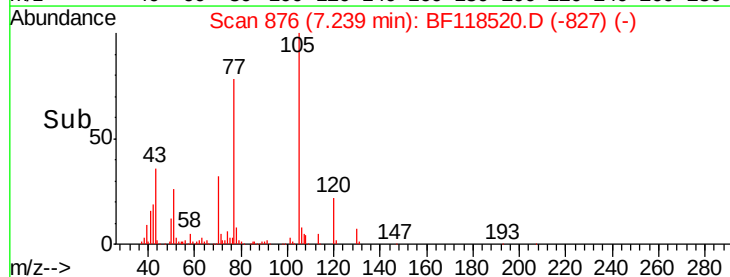


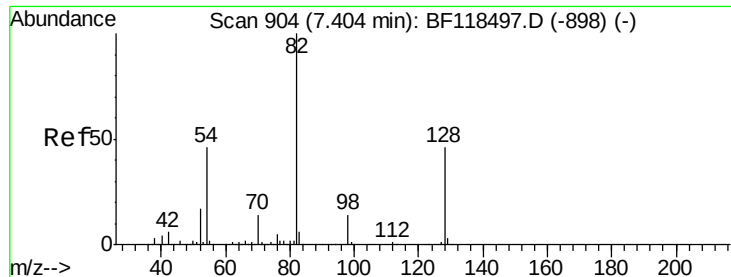
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.998 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

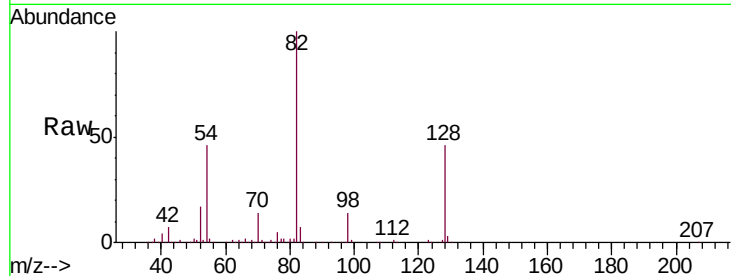
Tgt Ion: 82 Resp: 471370

Ion Ratio Lower Upper

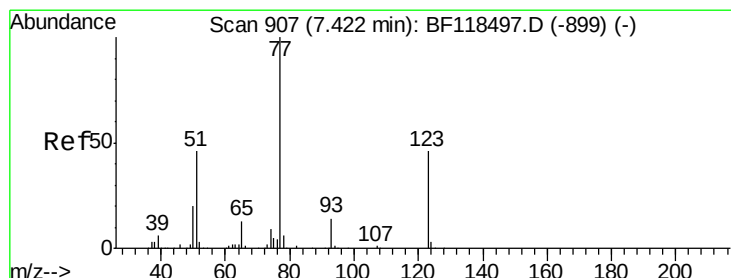
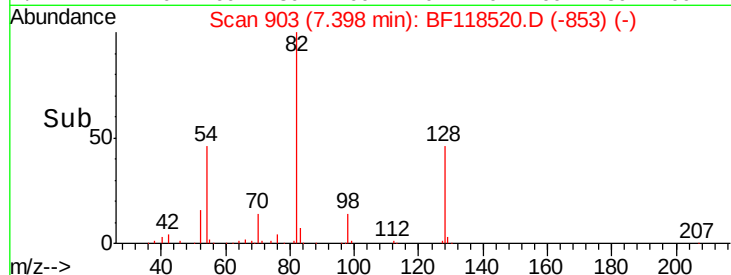
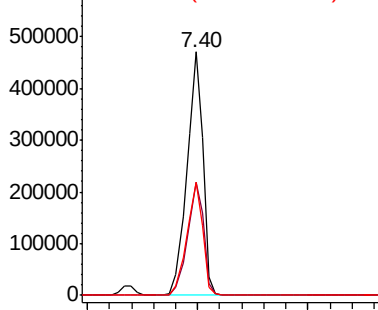
82 100

128 46.2 36.6 54.8

54 46.3 37.0 55.6



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



#24

Nitrobenzene

Concen: 43.316 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

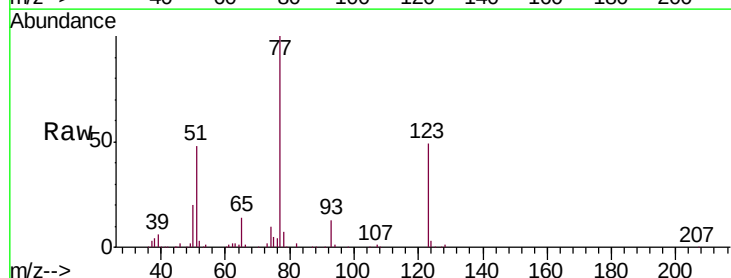
Tgt Ion: 77 Resp: 238855

Ion Ratio Lower Upper

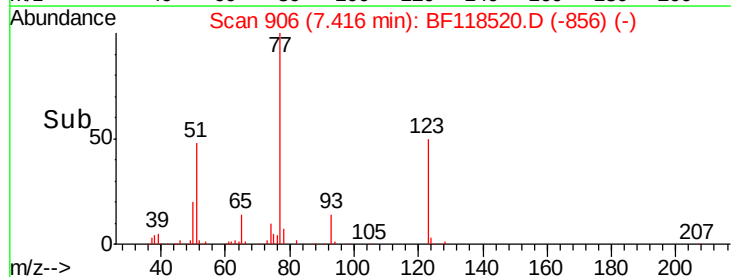
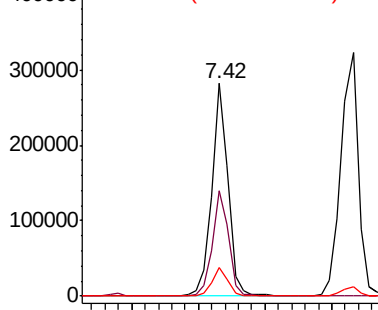
77 100

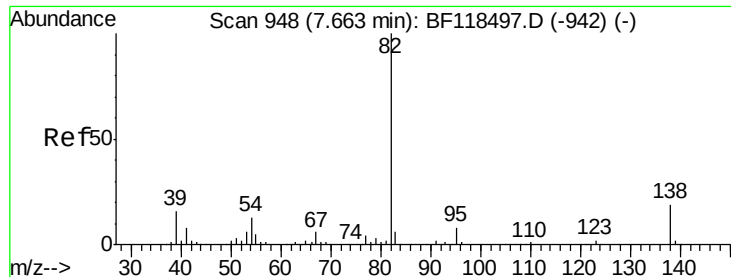
123 49.3 37.0 55.4

65 13.7 10.7 16.1



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





#25

Isophorone

Concen: 46.799 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

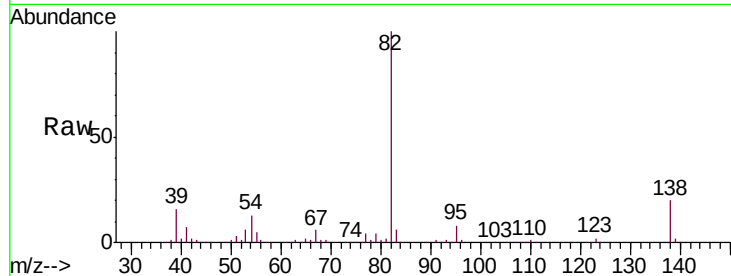
Tgt Ion: 82 Resp: 415772

Ion Ratio Lower Upper

82 100

95 8.3 6.6 9.8

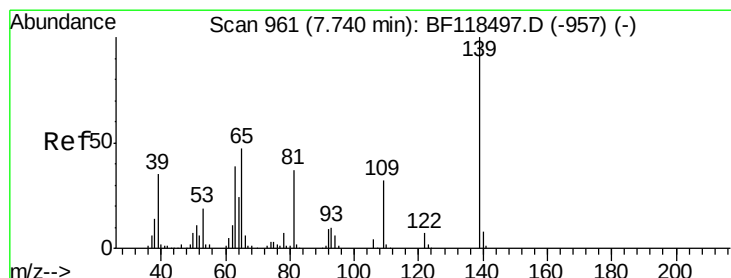
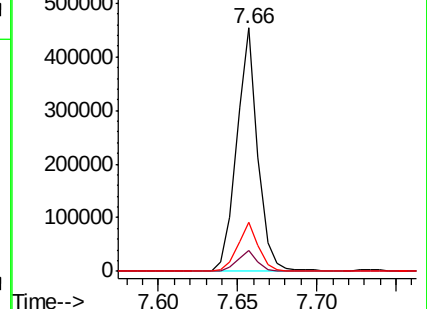
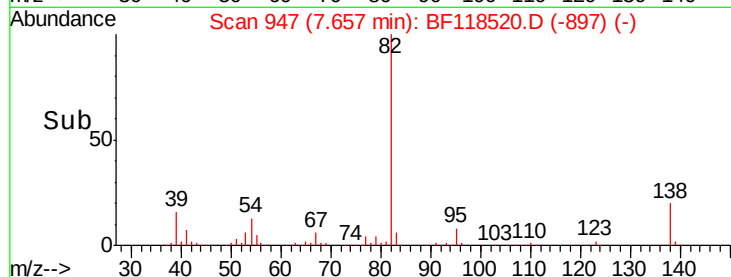
138 20.2 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.612 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

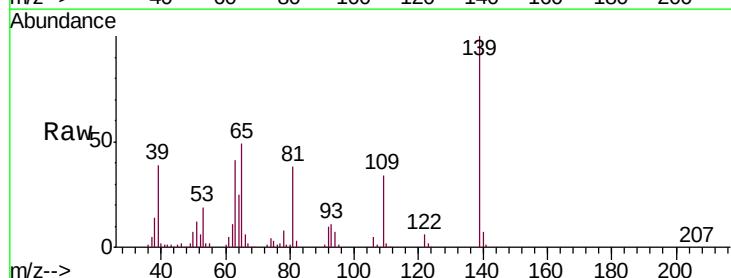
Tgt Ion: 139 Resp: 132353

Ion Ratio Lower Upper

139 100

109 34.3 25.7 38.5

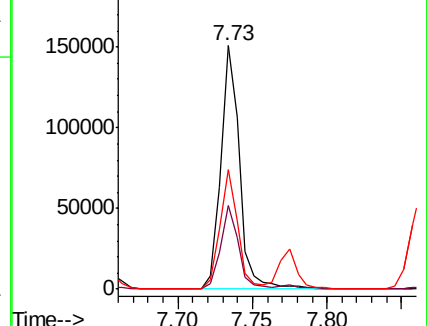
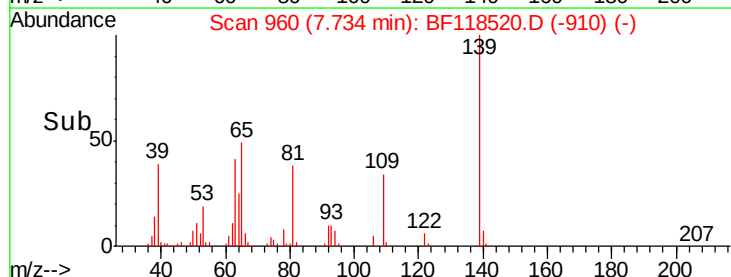
65 49.1 37.8 56.6

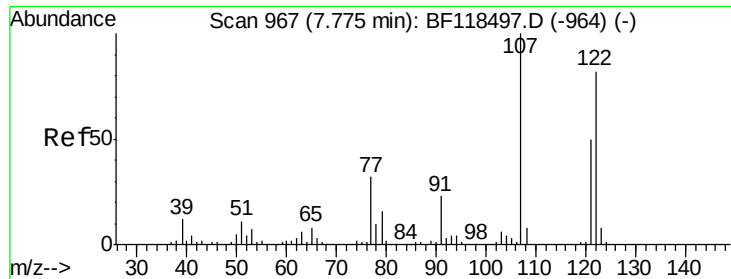


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 56.693 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

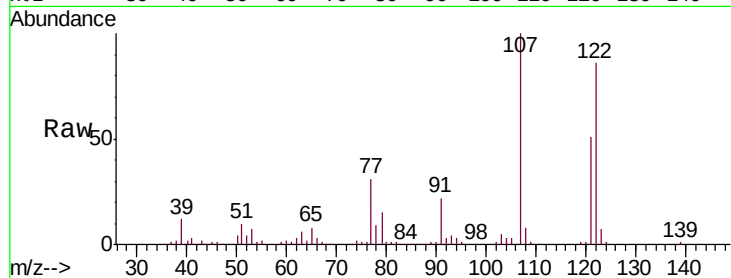
Tgt Ion:122 Resp: 207576

Ion Ratio Lower Upper

122 100

107 116.5 97.9 146.9

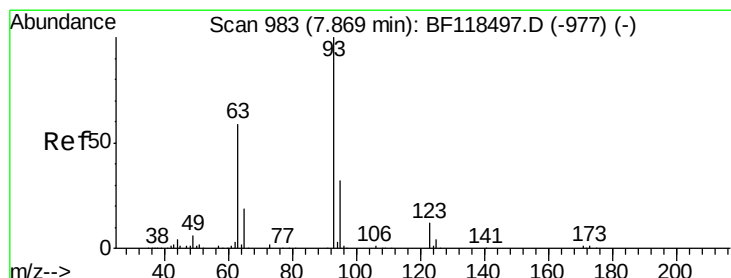
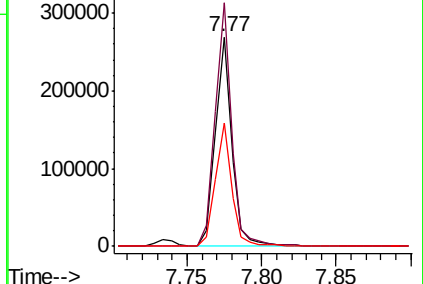
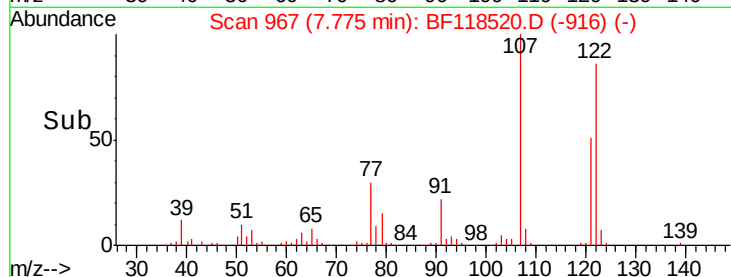
121 58.9 49.0 73.4



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: 43.722 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

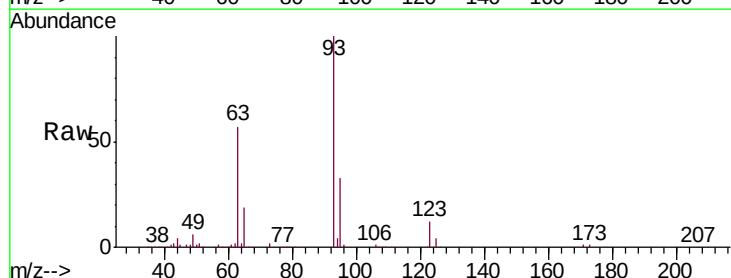
Tgt Ion: 93 Resp: 255376

Ion Ratio Lower Upper

93 100

95 32.7 25.9 38.9

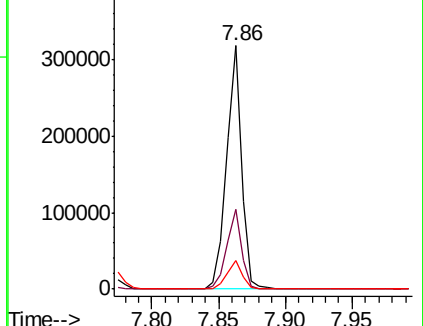
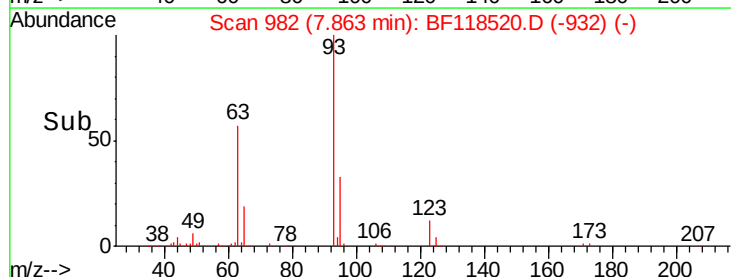
123 11.9 9.7 14.5

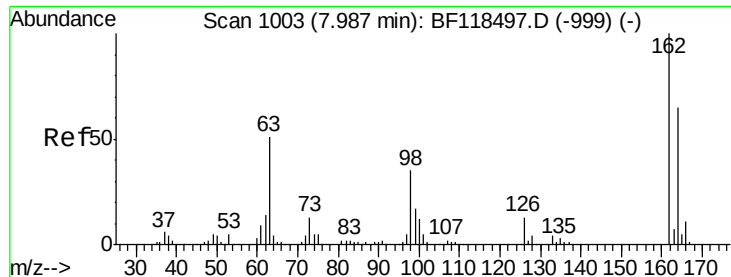


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

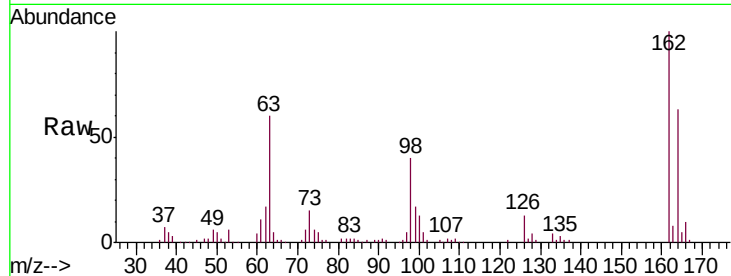




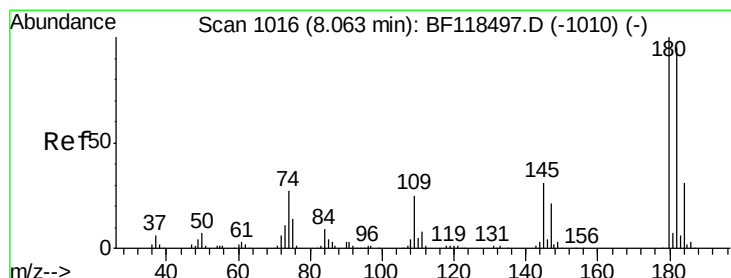
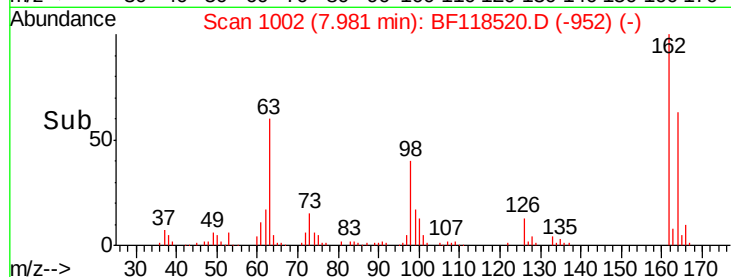
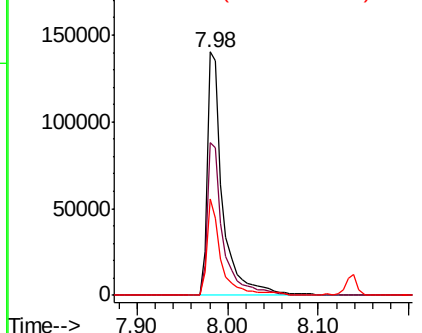
#29
 2,4-Dichlorophenol
 Concen: 39.668 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.8	84.8
98	39.6	15.1	55.1

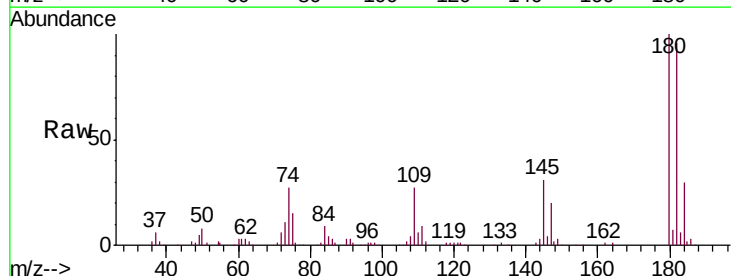


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

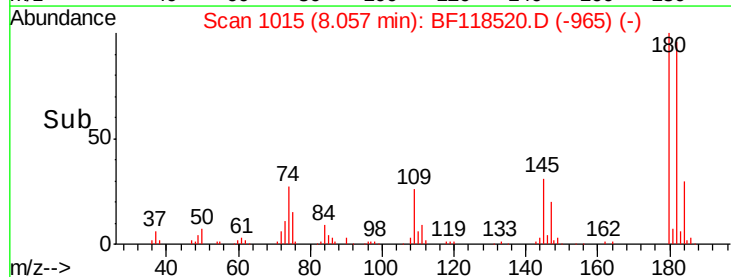
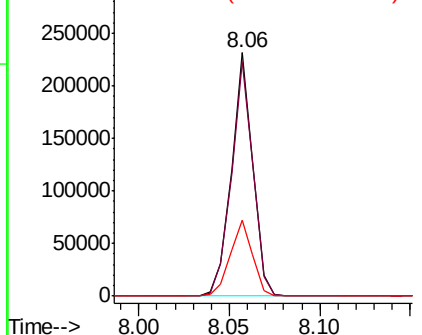


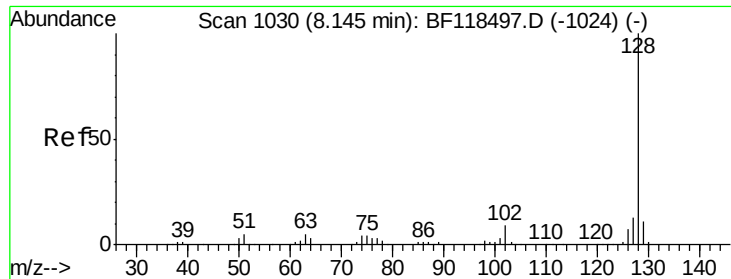
#30
 1,2,4-Trichlorobenzene
 Concen: 38.285 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.6
145	31.3	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

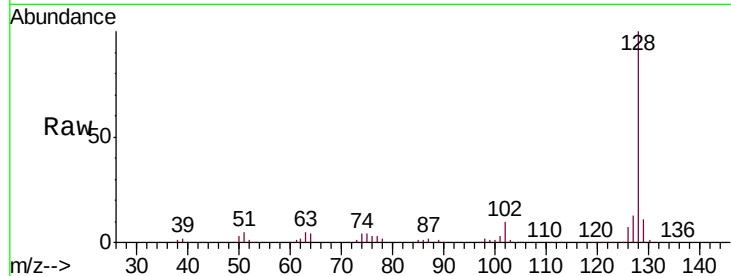




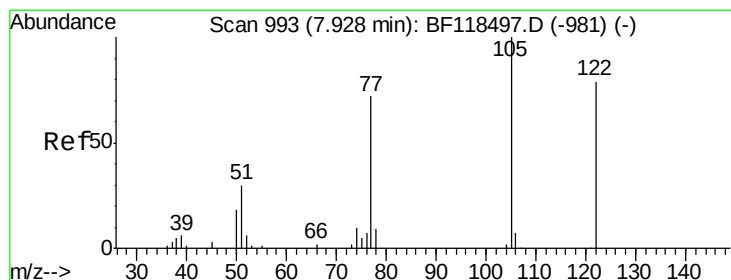
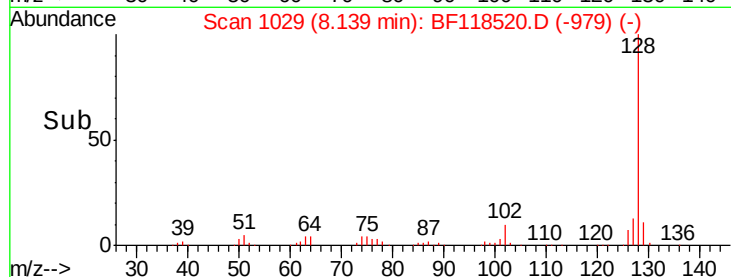
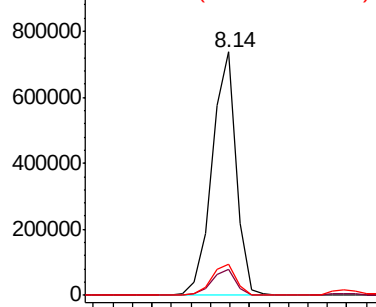
#31
Naphthalene
Concen: 41.473 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:128 Resp: 631981
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 10.7 16.1

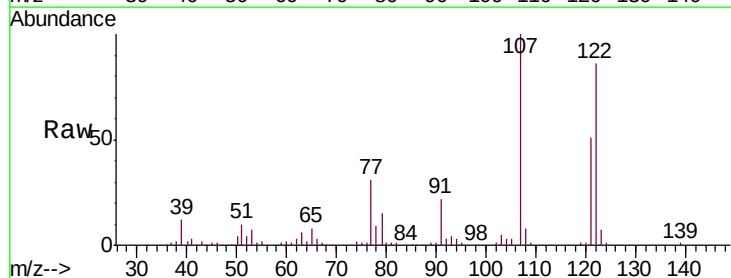


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

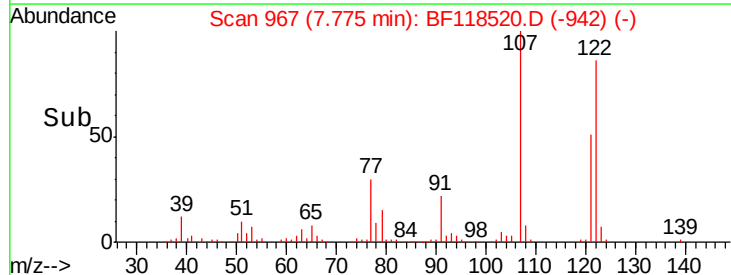
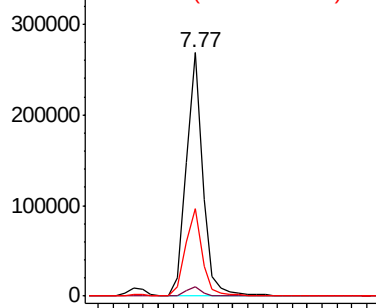


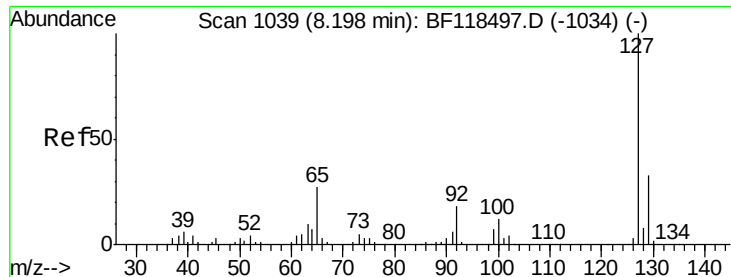
#32
Benzoic acid
Concen: 77.687 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.15 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion:122 Resp: 207576
Ion Ratio Lower Upper
122 100
105 3.7 105.7 145.7#
77 35.7 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

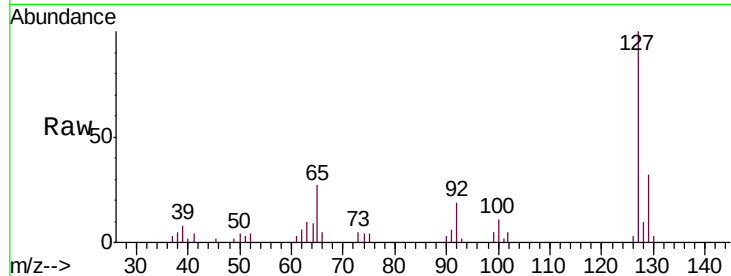




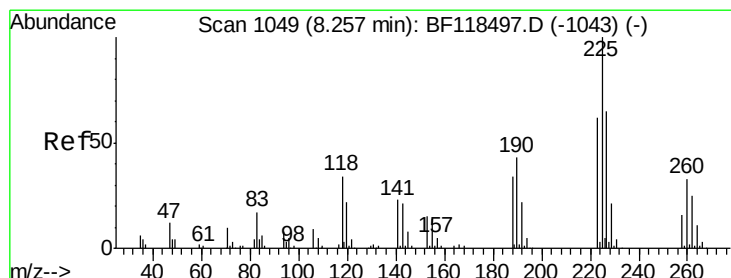
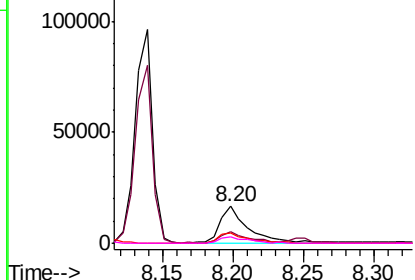
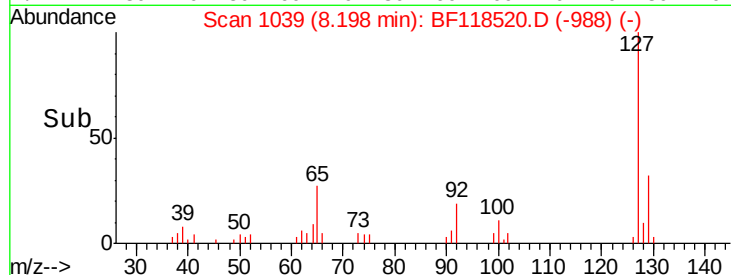
#33
4-Chloroaniline
Concen: 3.769 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:	127	Resp:	23644
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	27.1	21.6	32.4
92	19.2	14.3	21.5

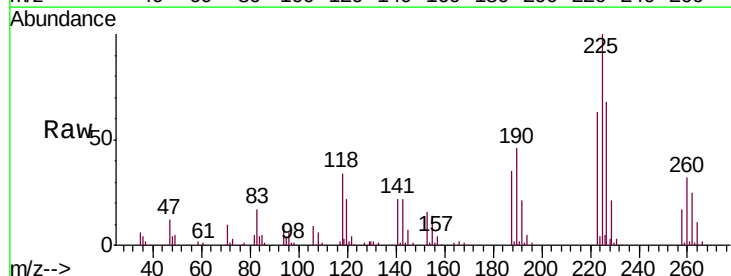


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

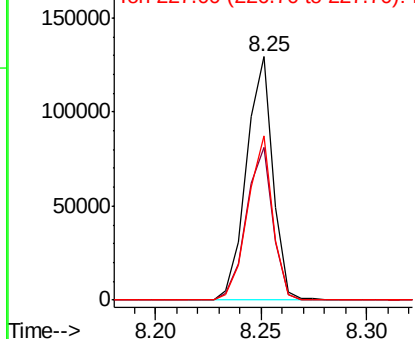
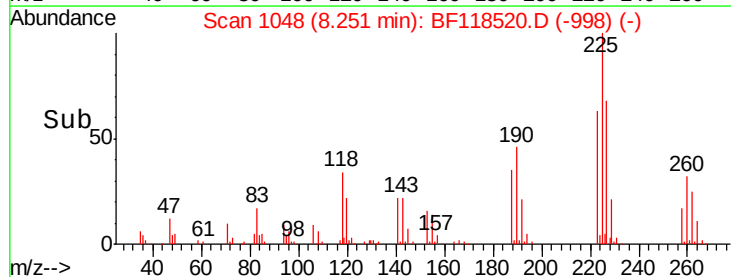


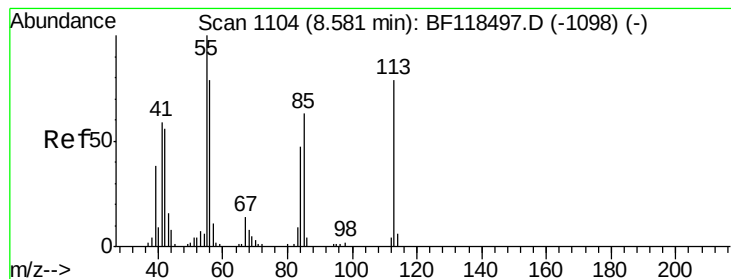
#34
Hexachlorobutadiene
Concen: 36.836 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion:	225	Resp:	112271
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.9	74.9
227	67.6	51.8	77.6



Abundance Ion 225.00 (224.70 to 225.70): E
150000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.473 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

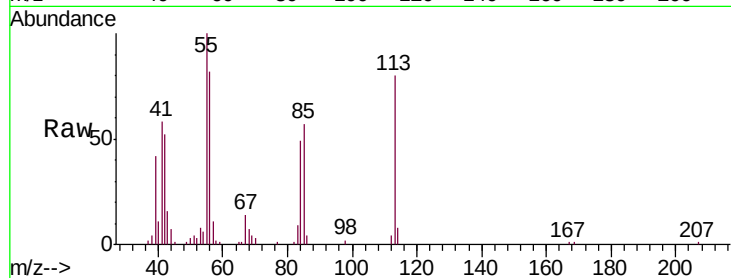
Tgt Ion:113 Resp: 34091

Ion Ratio Lower Upper

113 100

55 125.0 106.5 146.5

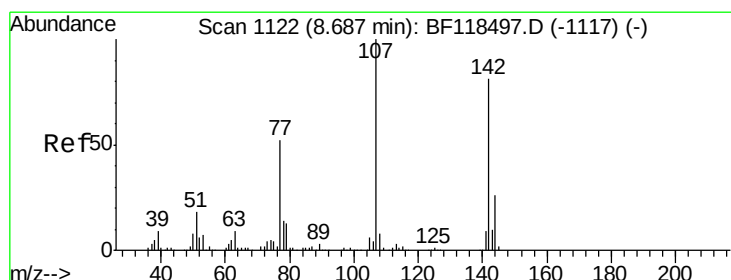
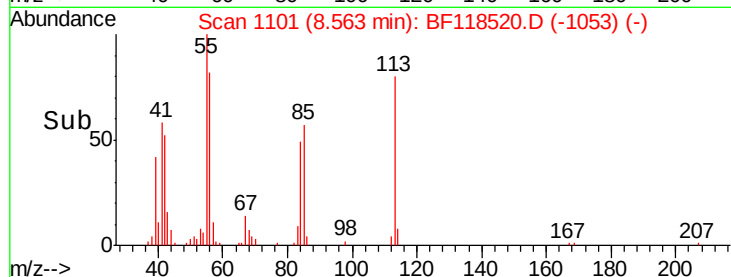
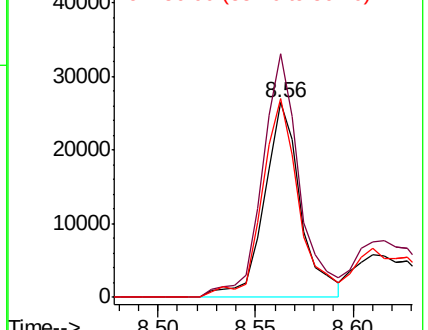
56 102.4 80.1 120.1



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: 42.177 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

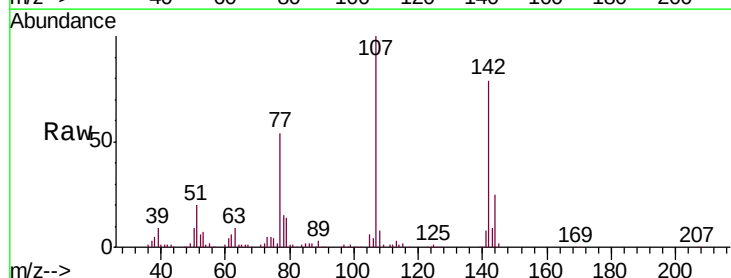
Tgt Ion:107 Resp: 193843

Ion Ratio Lower Upper

107 100

144 24.8 20.6 31.0

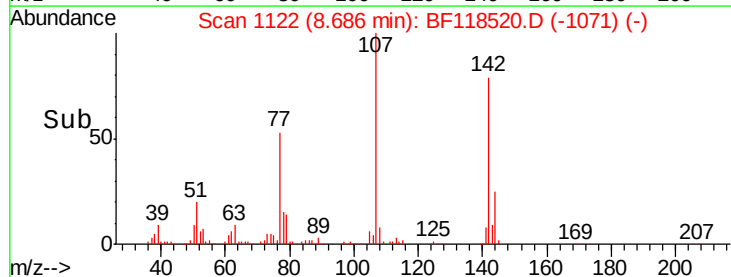
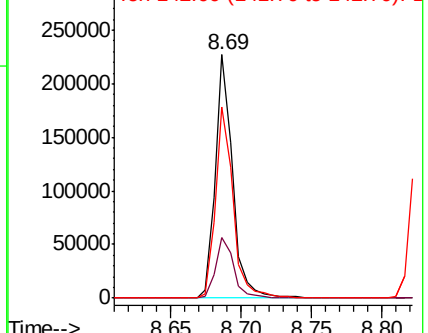
142 78.8 65.0 97.4

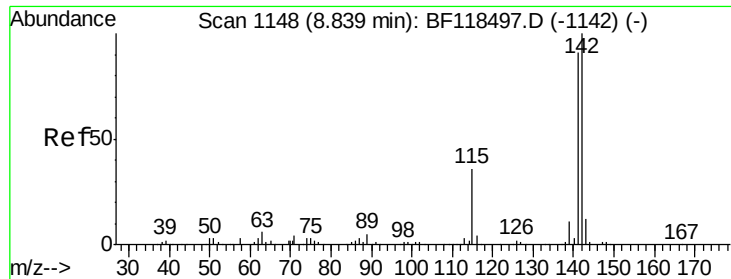


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

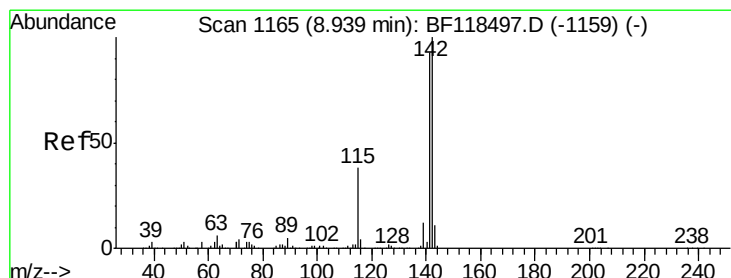
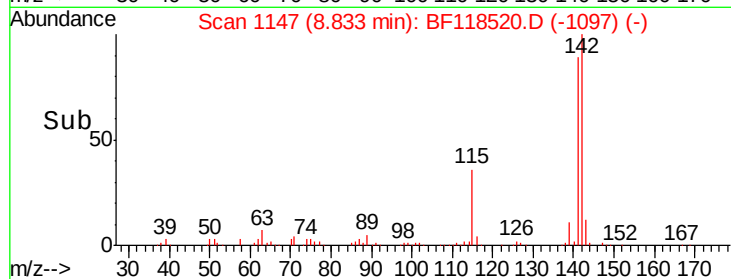
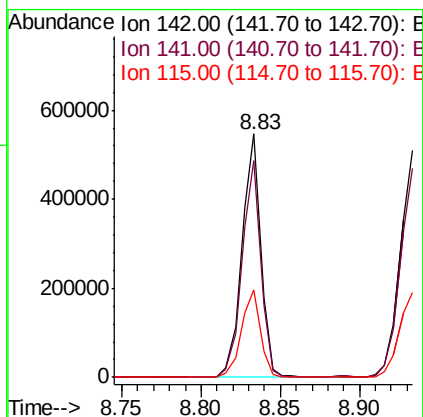
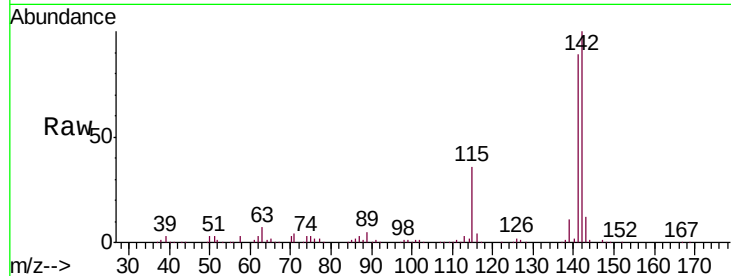




#37
 2-Methylnaphthalene
 Concen: 42.814 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

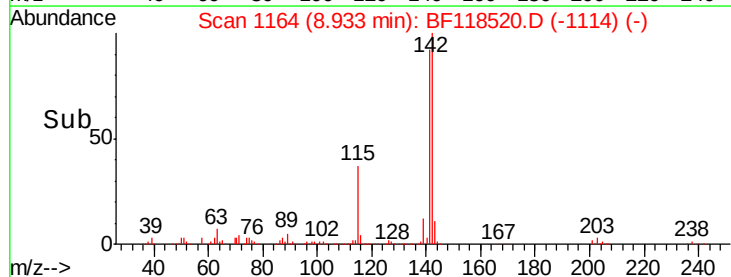
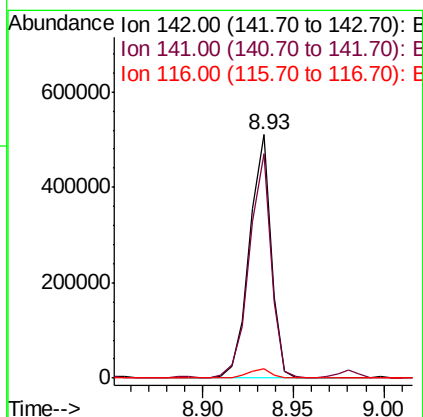
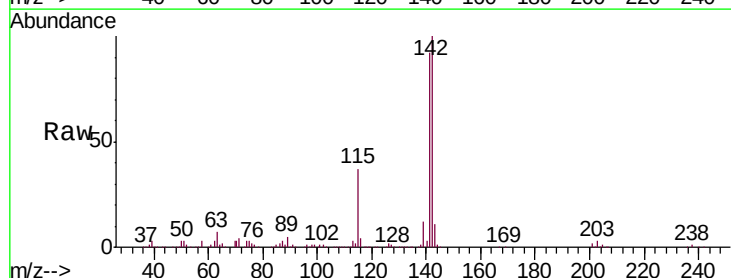
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

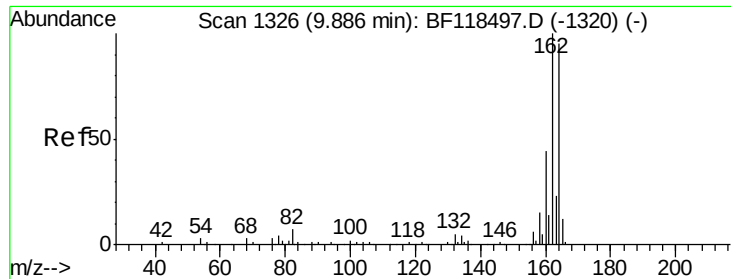
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.0	109.6
115	36.1	28.4	42.6



#38
 1-Methylnaphthalene
 Concen: 43.056 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.3	111.5
116	4.1	3.2	4.8

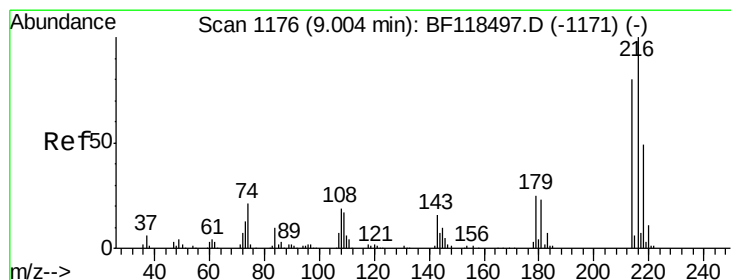
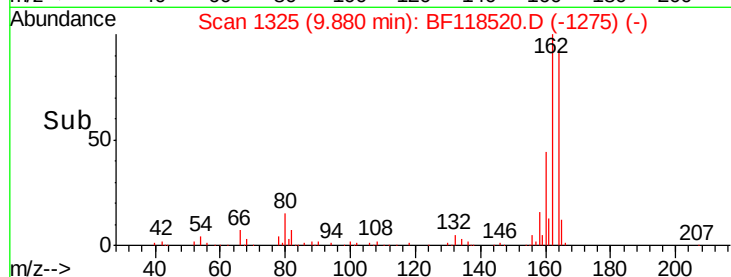
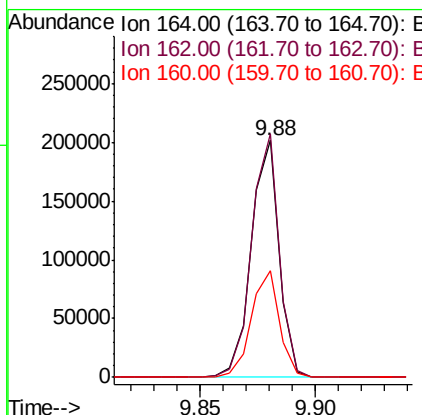
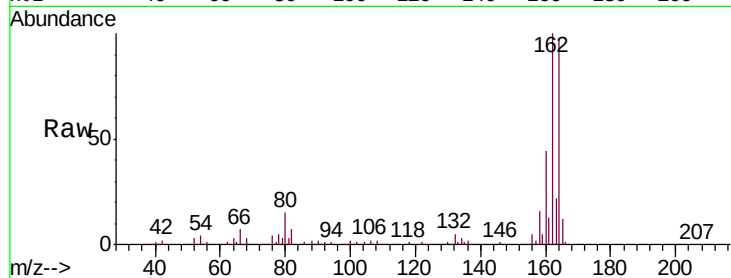




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

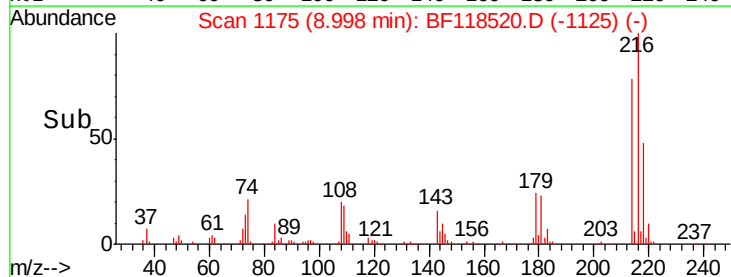
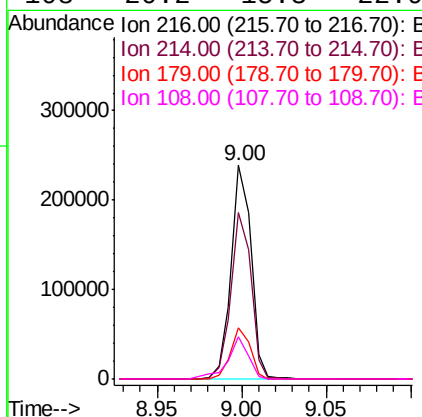
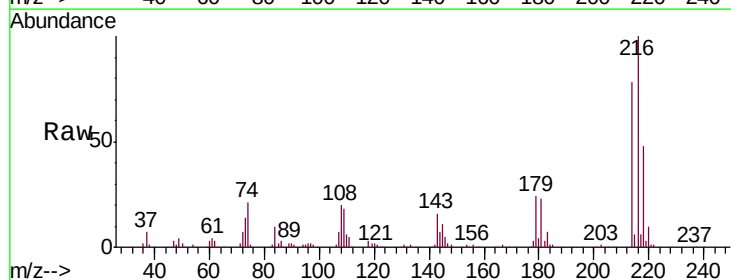
Instrument :
BNA_F
ClientSampled :
TP-1MSD

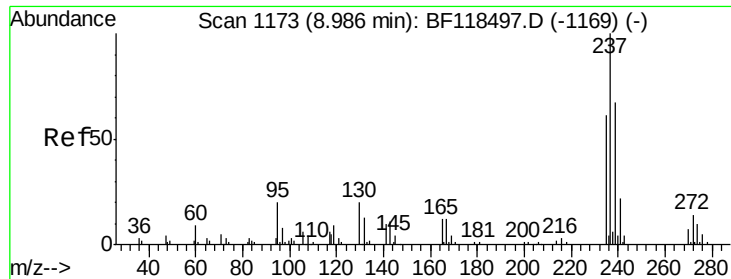
Tgt Ion:164 Resp: 170049
Ion Ratio Lower Upper
164 100
162 102.8 84.2 126.4
160 45.3 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.657 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion:216 Resp: 196750
Ion Ratio Lower Upper
216 100
214 78.5 62.4 93.6
179 23.5 18.7 28.1
108 20.2 15.3 22.9

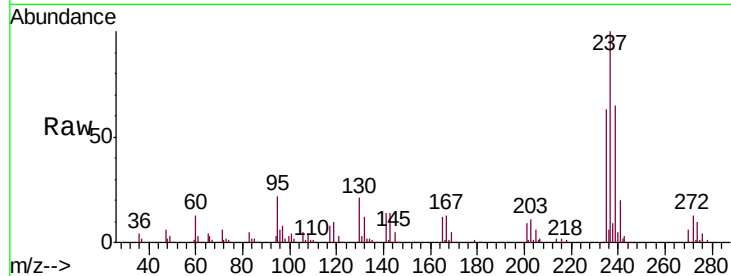




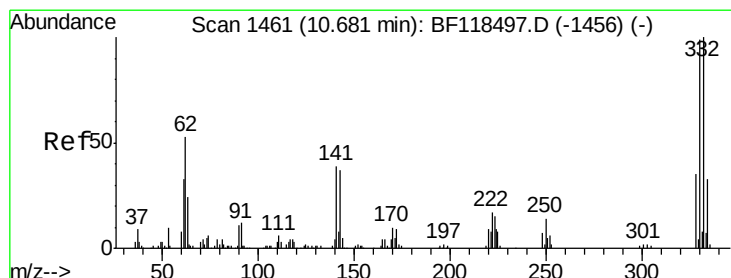
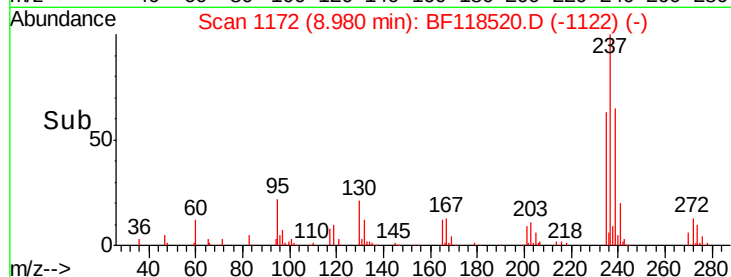
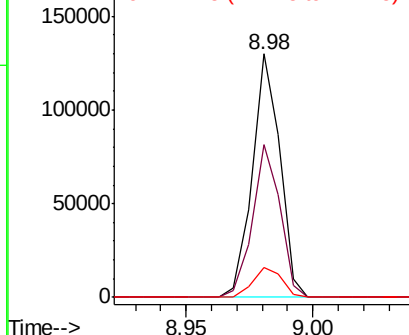
#41
 Hexachlorocyclopentadiene
 Concen: 71.071 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion: 237 Resp: 98812
 Ion Ratio Lower Upper
 237 100
 235 62.8 40.8 80.8
 272 12.5 0.0 34.2

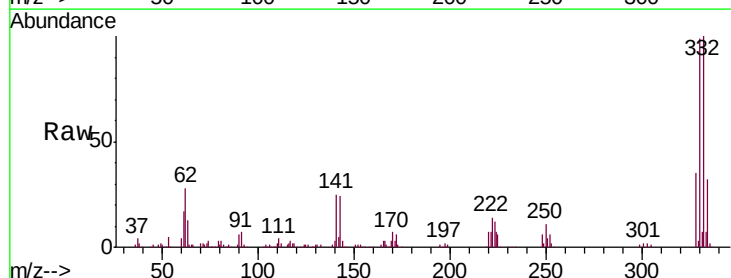


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

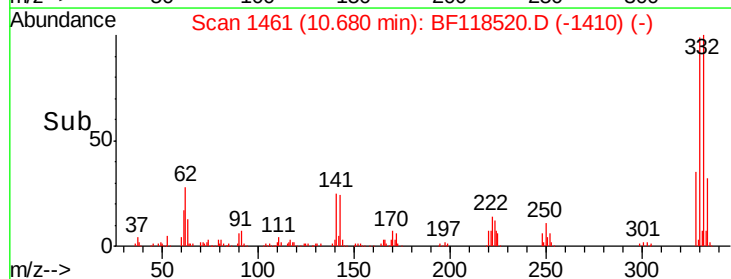
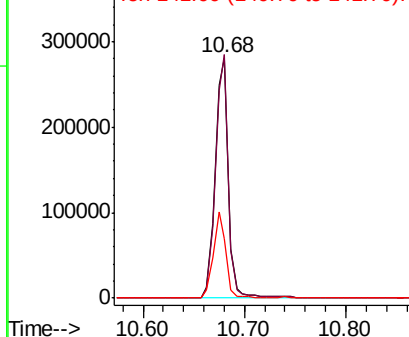


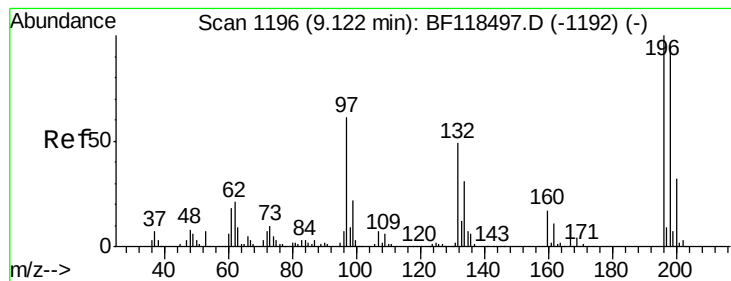
#42
 2,4,6-Tribromophenol
 Concen: 128.325 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Tgt Ion: 330 Resp: 257491
 Ion Ratio Lower Upper
 330 100
 332 98.9 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: 42.886 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

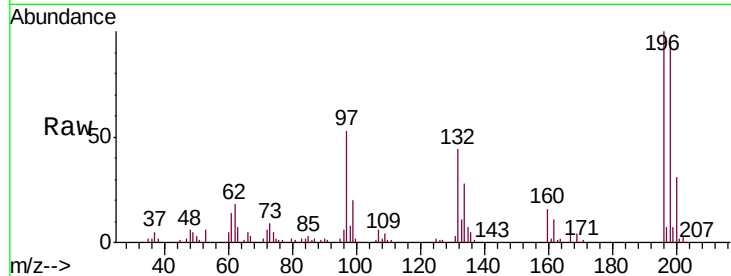
Tgt Ion:196 Resp: 138464

Ion Ratio Lower Upper

196 100

198 95.9 76.2 114.4

200 30.6 25.2 37.8

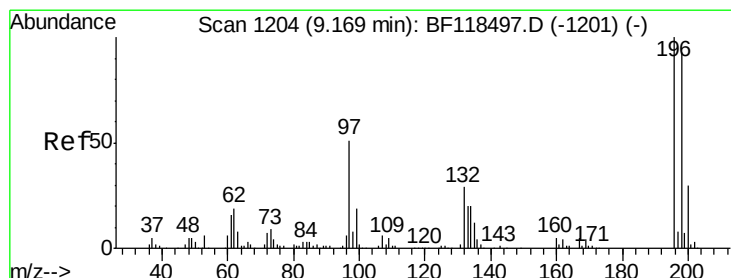
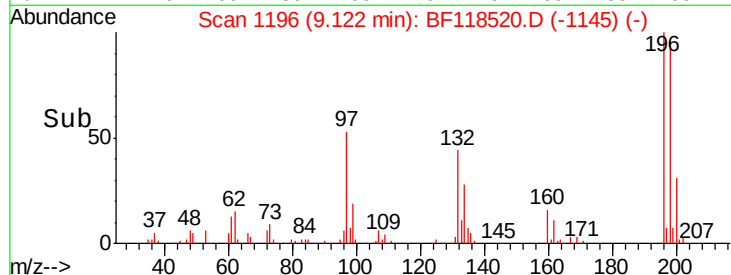
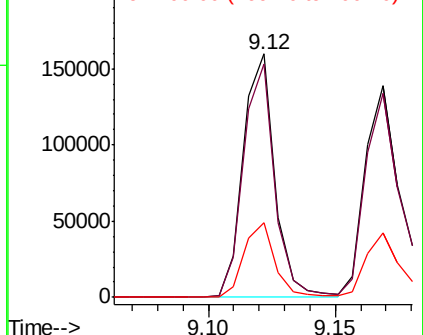


Abundance

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: 43.627 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Tgt Ion:196 Resp: 145760

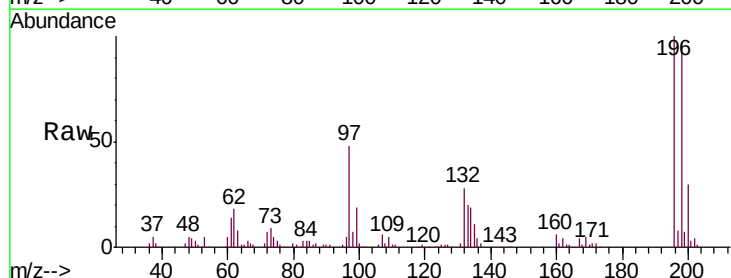
Ion Ratio Lower Upper

196 100

198 96.6 74.7 112.1

97 48.5 40.7 61.1

132 28.1 23.7 35.5



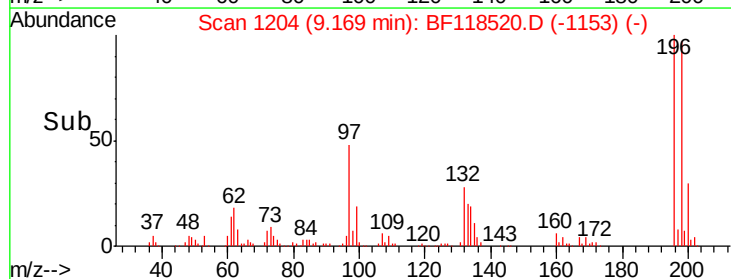
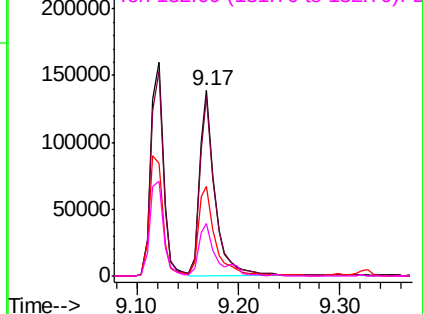
Abundance

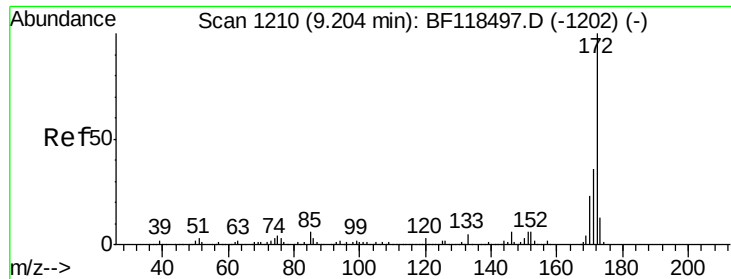
Ion 196.00 (195.70 to 196.70): E

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

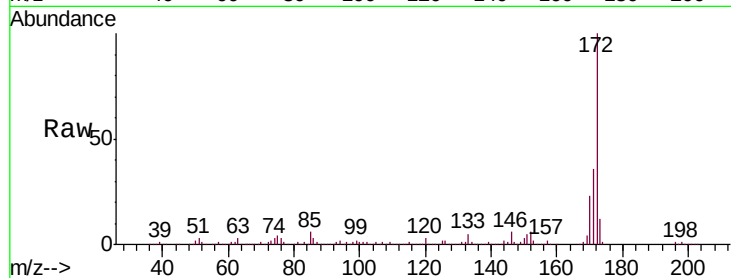




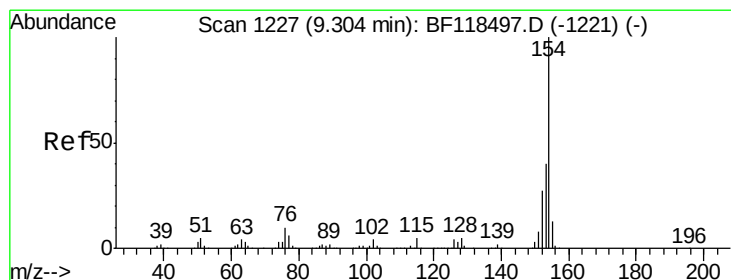
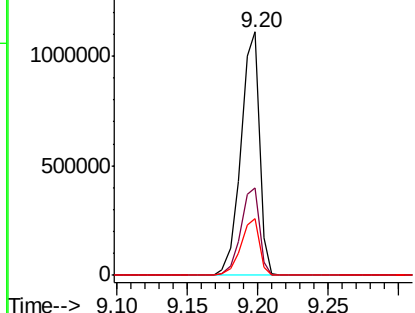
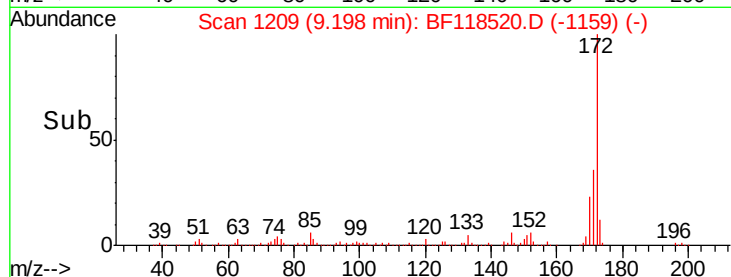
#45
 2-Fluorobiphenyl
 Concen: 85.574 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tgt Ion:172 Resp: 1014629
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.1 18.6 27.8

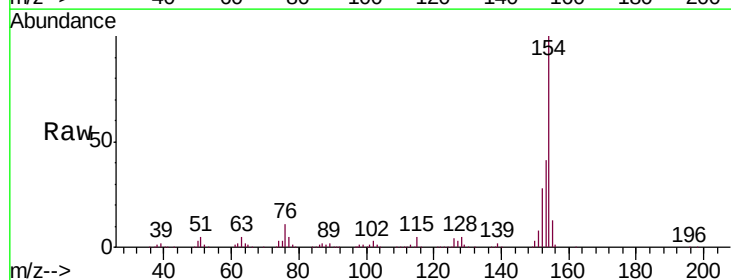


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

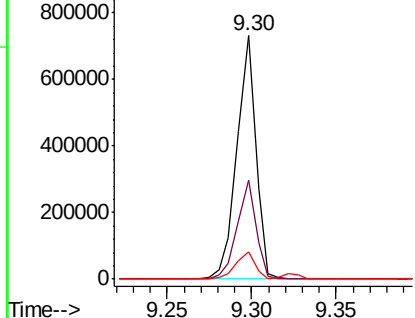
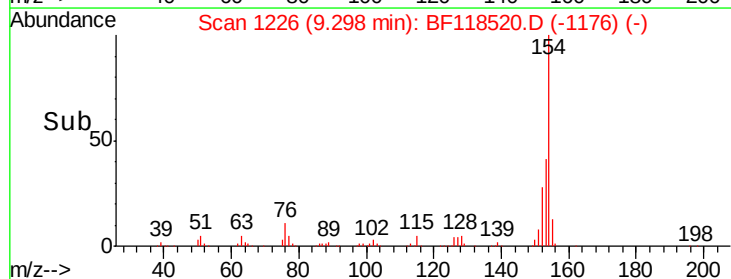


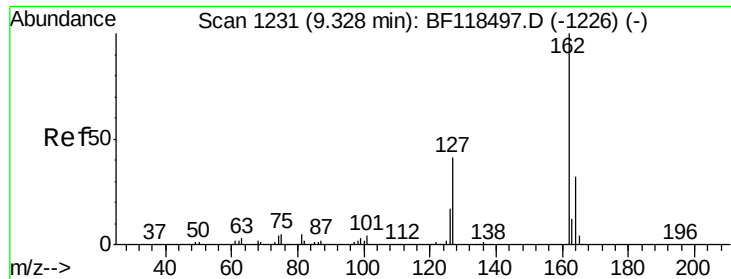
#46
 1,1'-Biphenyl
 Concen: 41.321 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Tgt Ion:154 Resp: 574127
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.2 60.2
 76 11.2 0.0 30.4



Abundance Ion 154.00 (153.70 to 154.70): E
 1000000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

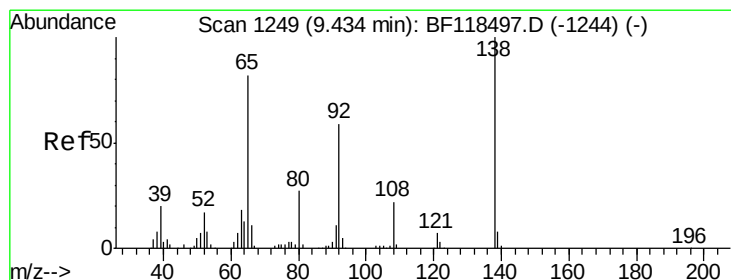
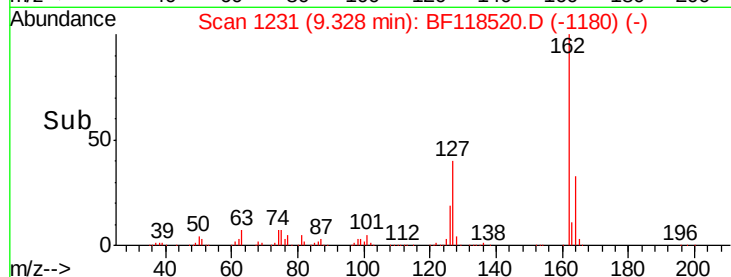
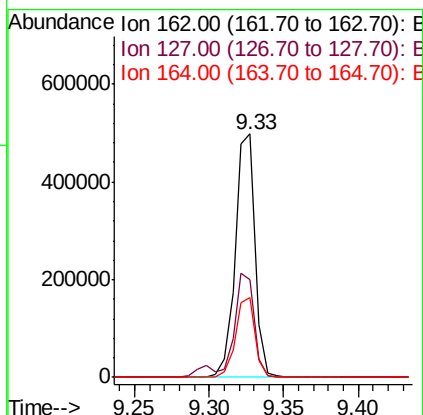
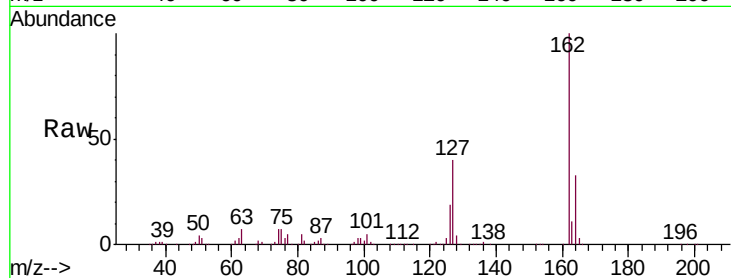




#47
2-Chloronaphthalene
Concen: 42.239 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

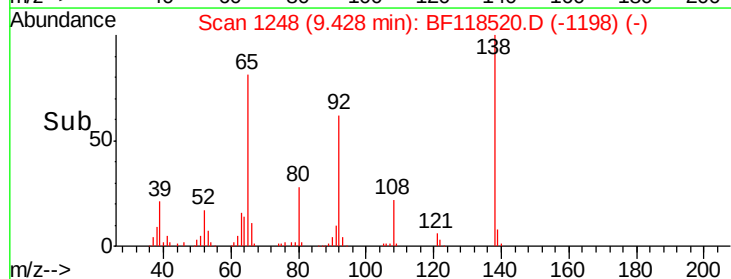
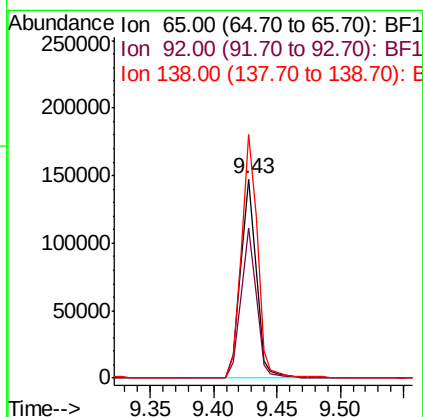
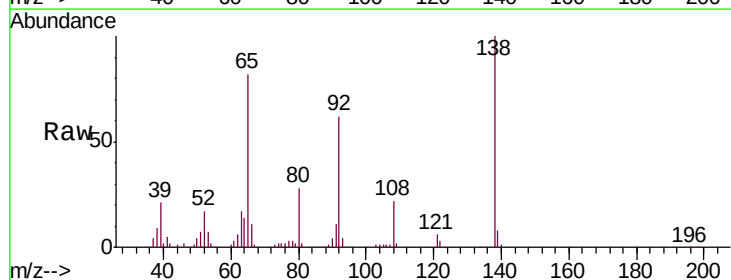
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

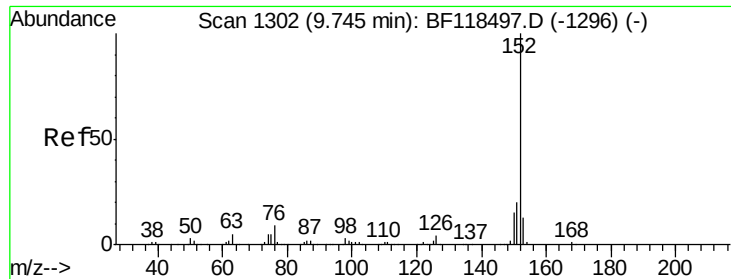
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	35.5	53.3
164	33.0	25.8	38.8



#48
2-Nitroaniline
Concen: 39.554 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	57.7	86.5
138	122.4	97.2	145.8

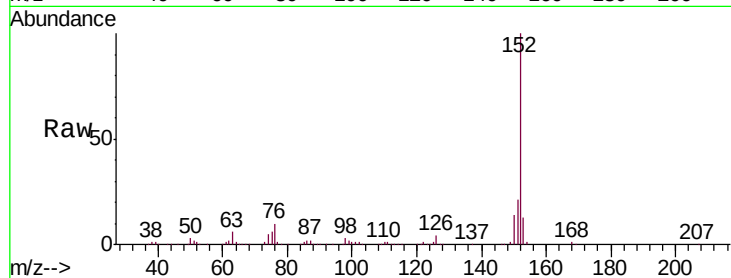




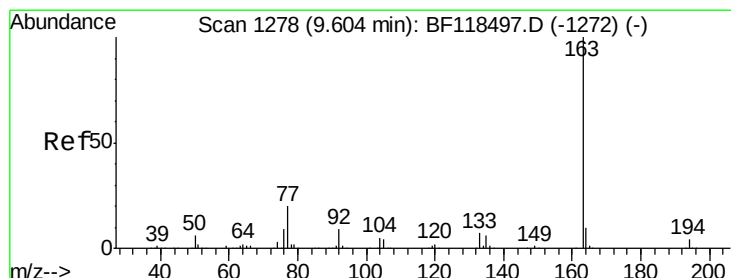
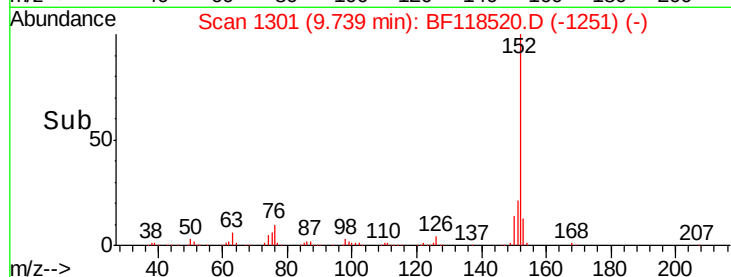
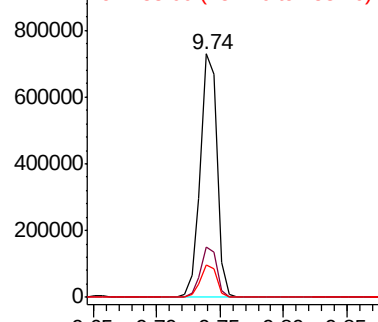
#49
Acenaphthylene
Concen: 40.785 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:152 Resp: 667638
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.2 10.6 16.0

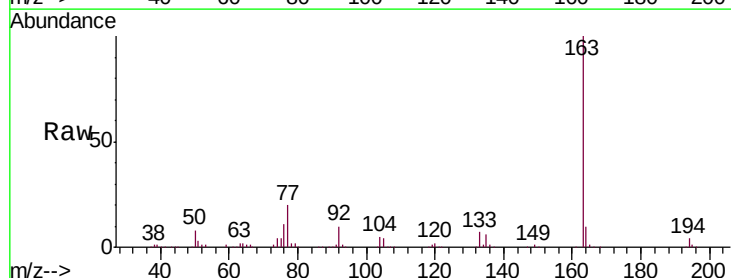


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

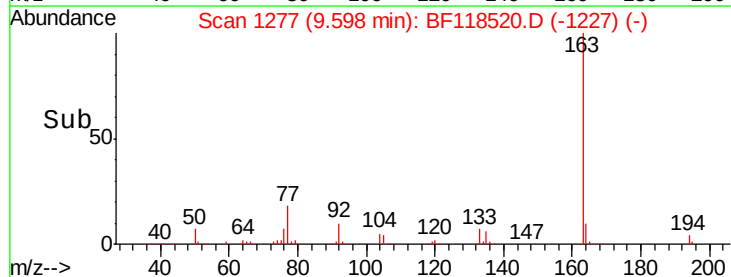
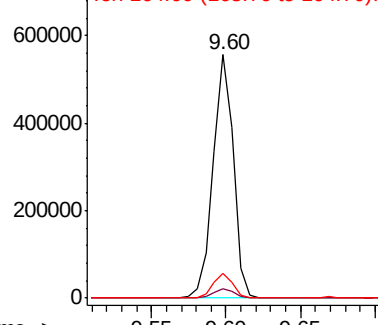


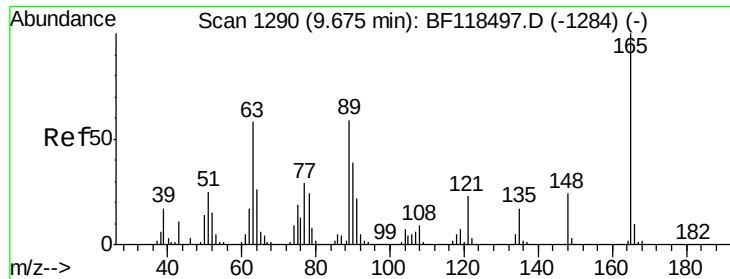
#50
Dimethylphthalate
Concen: 40.294 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion:163 Resp: 525895
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.2 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

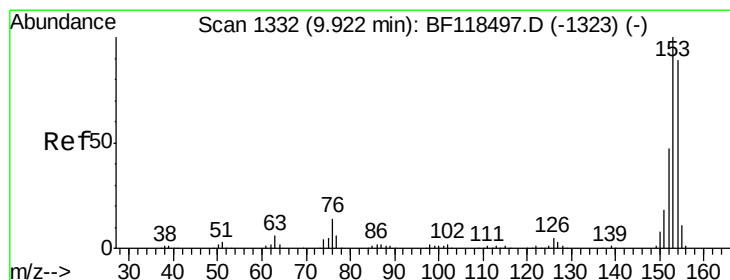
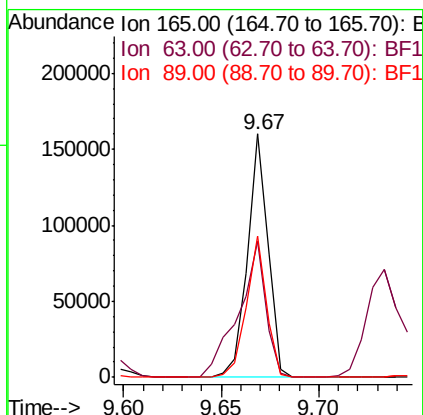
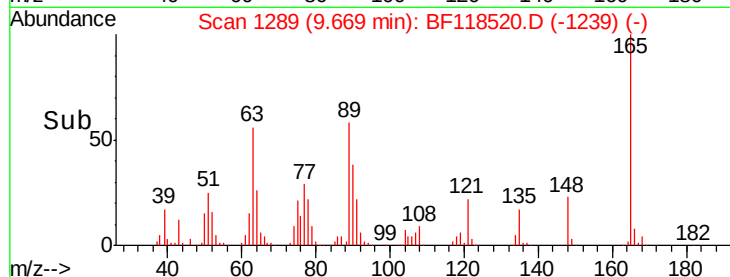
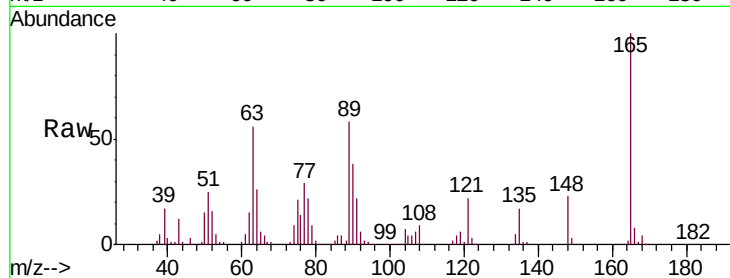




#51
 2,6-Dinitrotoluene
 Concen: 41.744 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

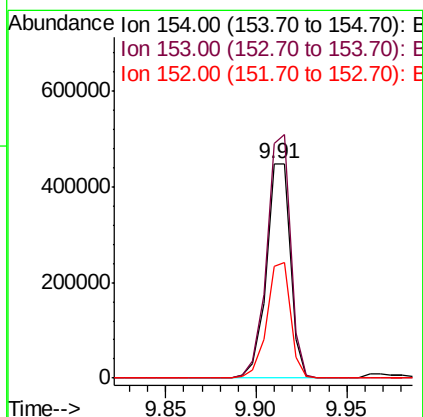
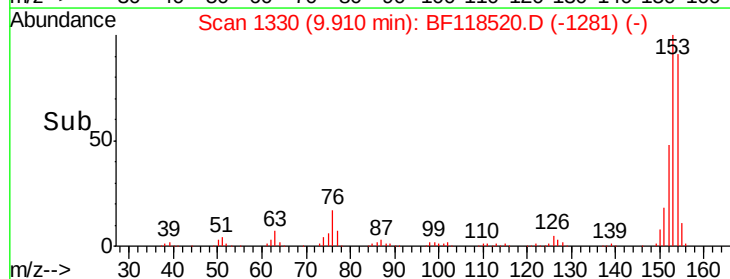
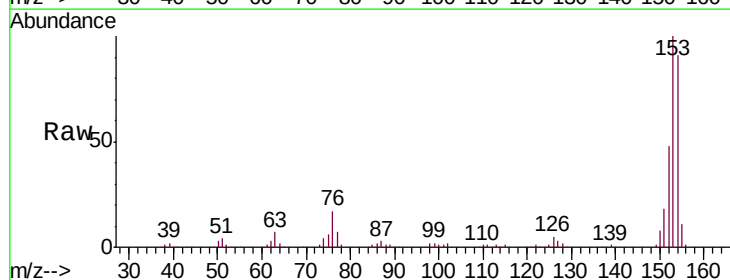
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

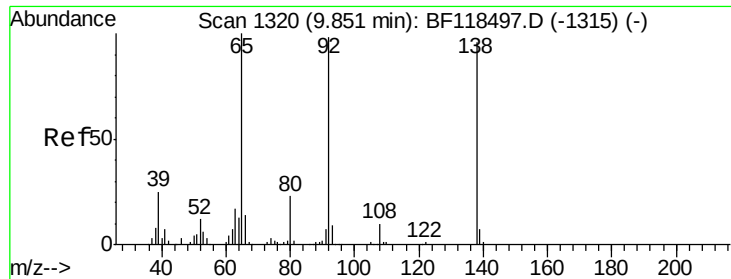
Tgt Ion:165 Resp: 117327
 Ion Ratio Lower Upper
 165 100
 63 56.1 46.6 70.0
 89 57.9 47.5 71.3



#52
 Acenaphthene
 Concen: 41.630 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Tgt Ion:154 Resp: 416142
 Ion Ratio Lower Upper
 154 100
 153 109.4 89.7 134.5
 152 51.9 41.9 62.9

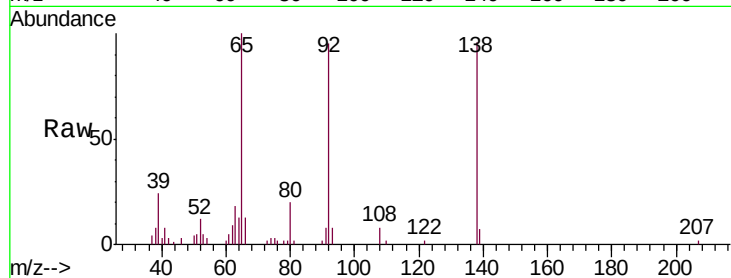




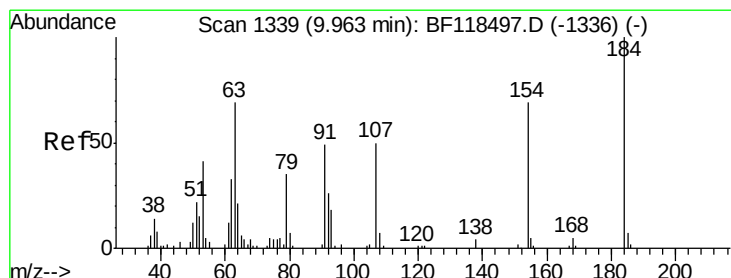
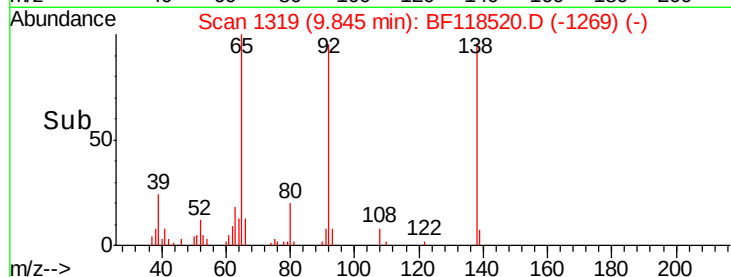
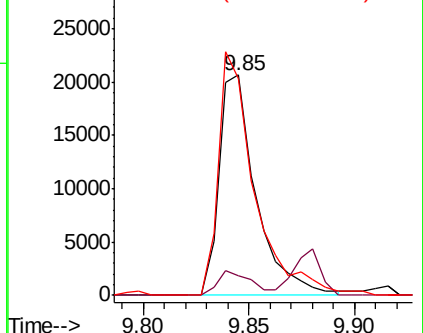
#53
3-Nitroaniline
Concen: 7.619 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:138 Resp: 25083
Ion Ratio Lower Upper
138 100
108 8.8 8.1 12.1
92 98.5 81.6 122.4

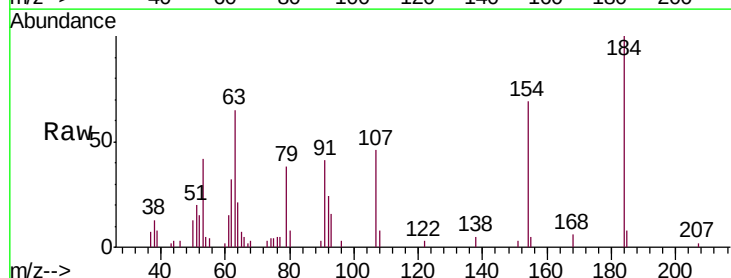


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

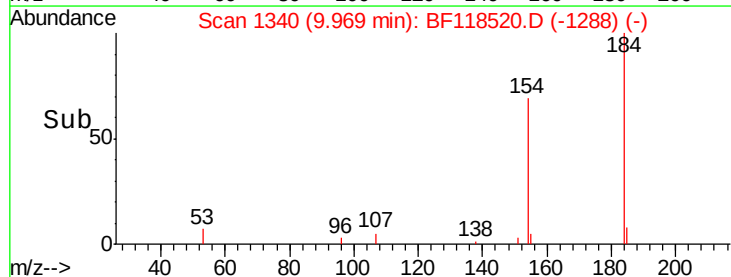
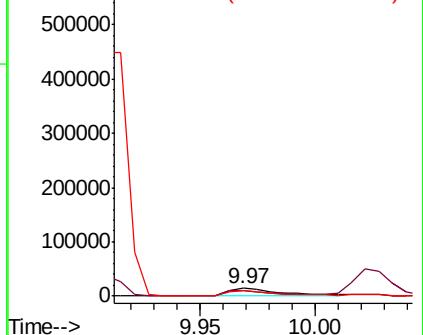


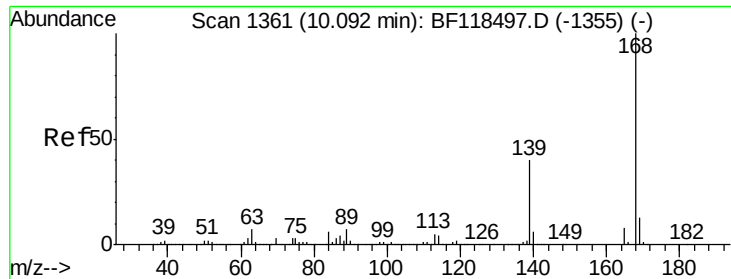
#54
2,4-Dinitrophenol
Concen: 22.181 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion:184 Resp: 22603
Ion Ratio Lower Upper
184 100
63 65.3 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

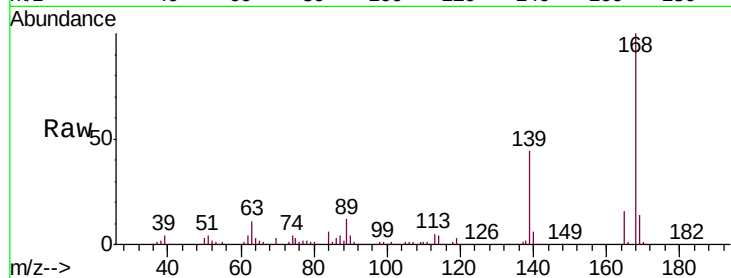




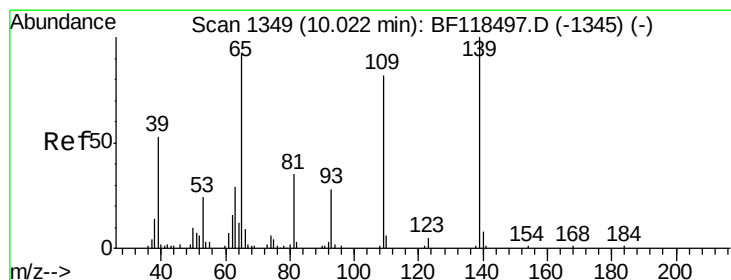
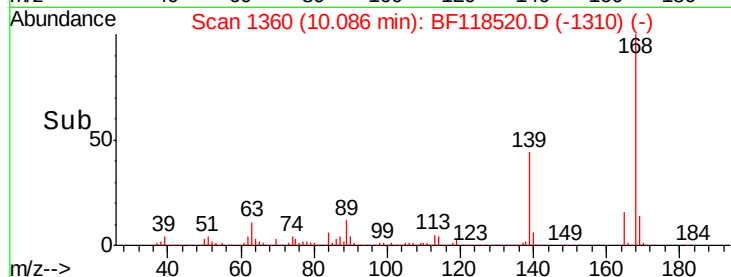
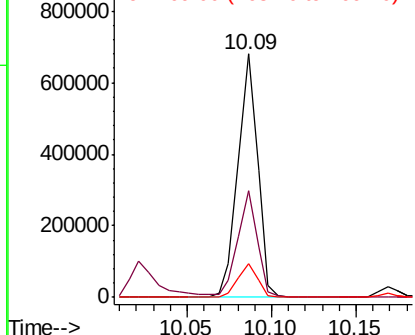
#55
Dibenzenofuran
Concen: 36.931 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:168 Resp: 554490
Ion Ratio Lower Upper
168 100
139 43.8 32.5 48.7
169 13.8 10.6 16.0

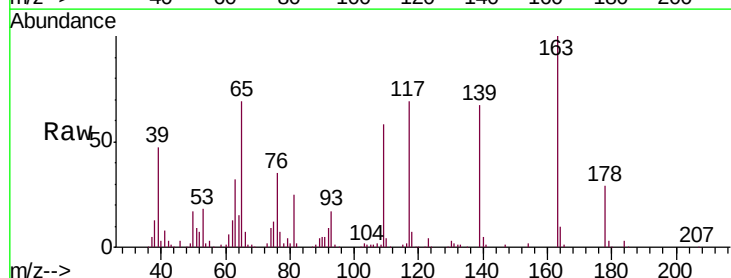


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

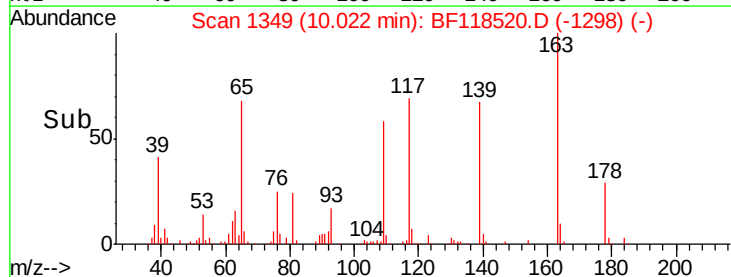
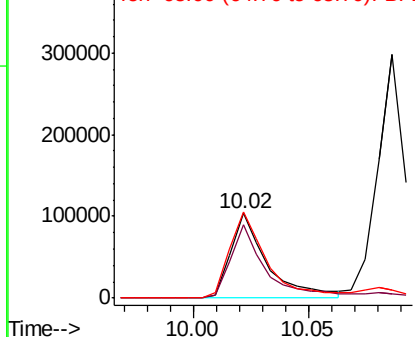


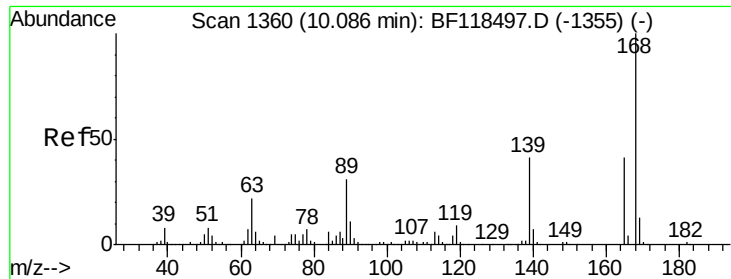
#56
4-Nitrophenol
Concen: 70.995 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion:139 Resp: 113490
Ion Ratio Lower Upper
139 100
109 86.5 62.2 102.2
65 102.7 72.8 112.8



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





#57

2,4-Dinitrotoluene

Concen: 37.527 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:165 Resp: 141228

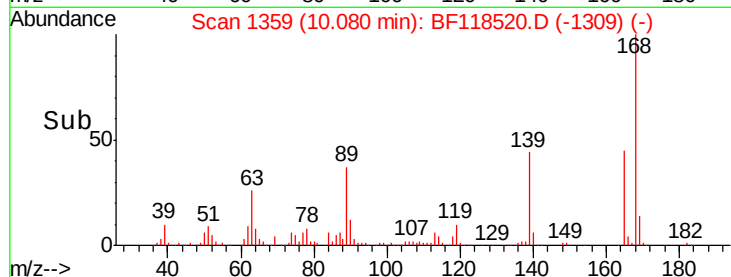
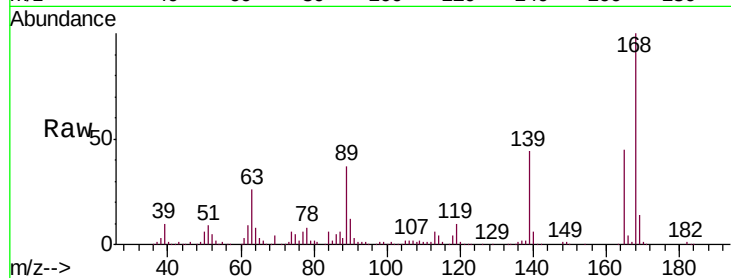
Ion Ratio Lower Upper

165 100

63 56.3 44.1 66.1

89 81.6 60.4 90.6

182 2.5 2.0 3.0

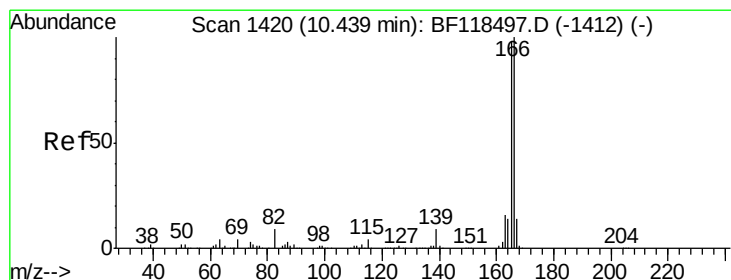
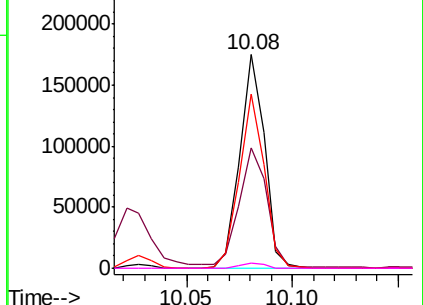


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.525 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

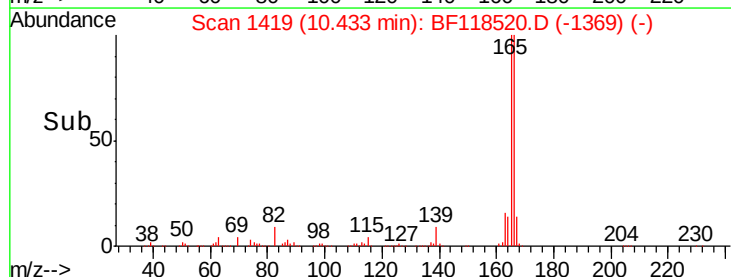
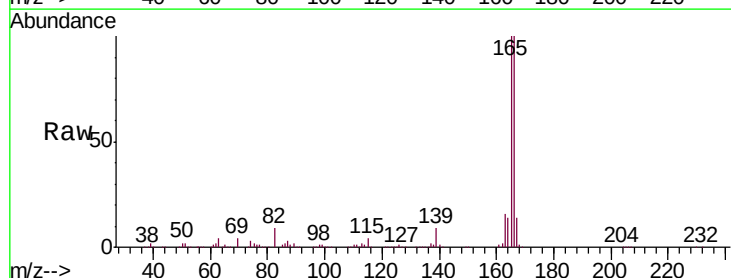
Tgt Ion:166 Resp: 513198

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

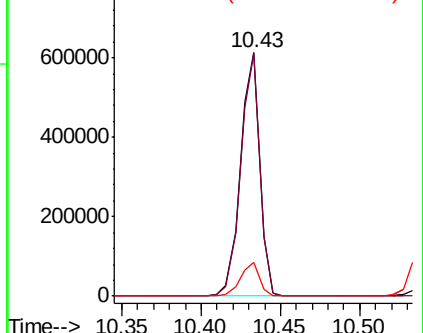
167 13.8 10.8 16.2

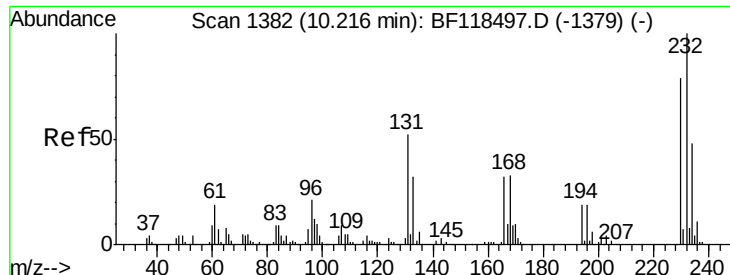


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

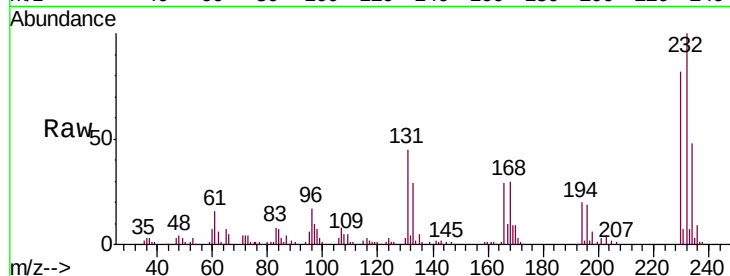




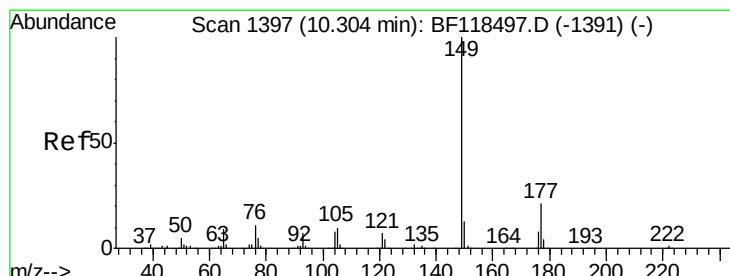
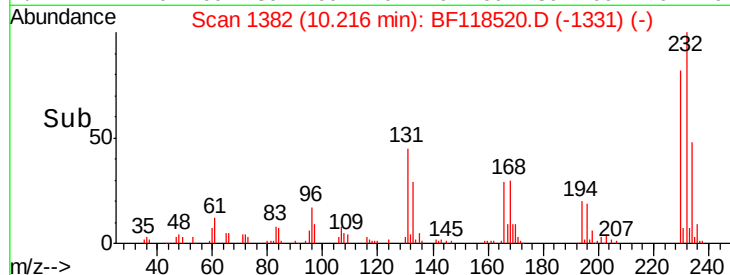
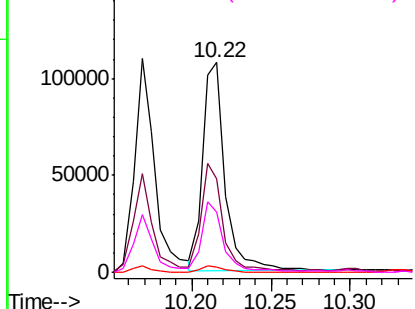
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.159 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 232 Resp: 107815
Ion Ratio Lower Upper
232 100
131 49.6 42.2 63.4
130 3.1 2.1 3.1
166 32.6 25.7 38.5

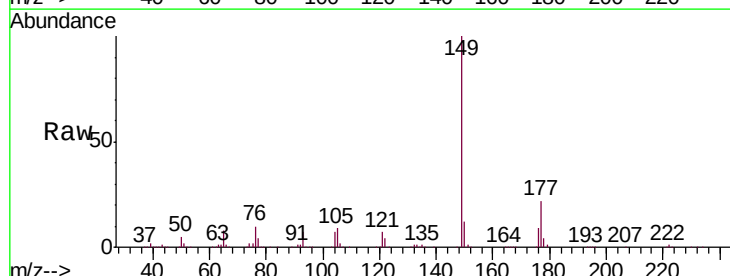


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

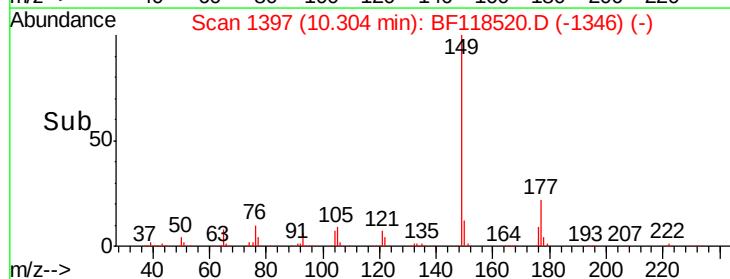
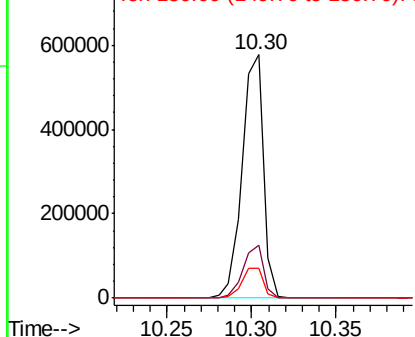


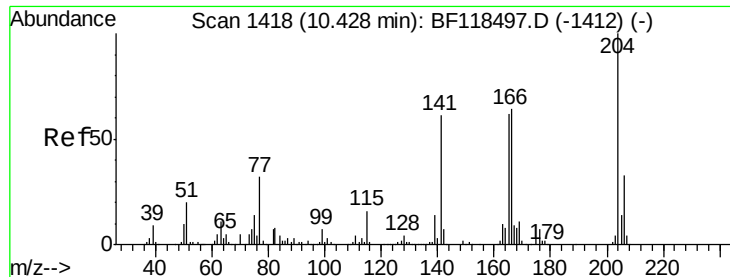
#60
Diethylphthalate
Concen: 38.274 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion: 149 Resp: 508512
Ion Ratio Lower Upper
149 100
177 21.7 16.5 24.7
150 12.0 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

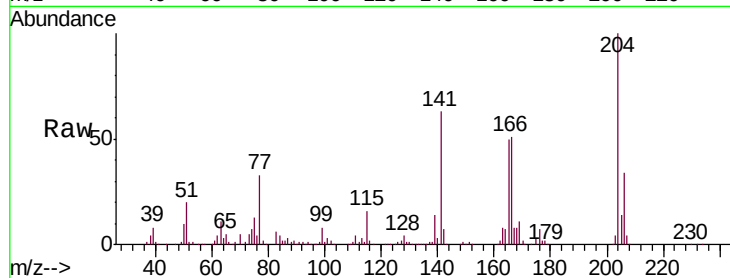




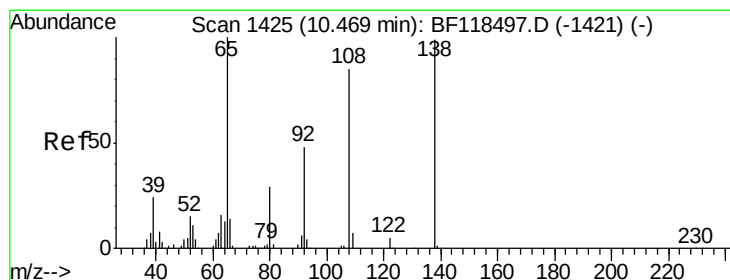
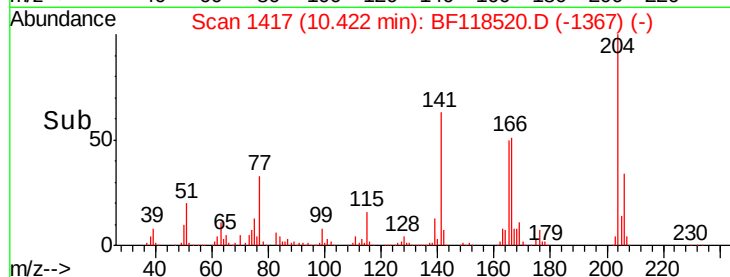
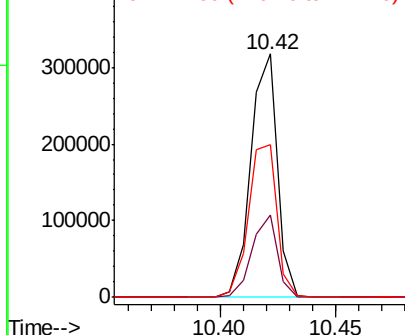
#61
4-Chlorophenyl-phenylether
Concen: 42.508 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:204 Resp: 256318
Ion Ratio Lower Upper
204 100
206 33.8 26.0 39.0
141 62.7 49.0 73.6

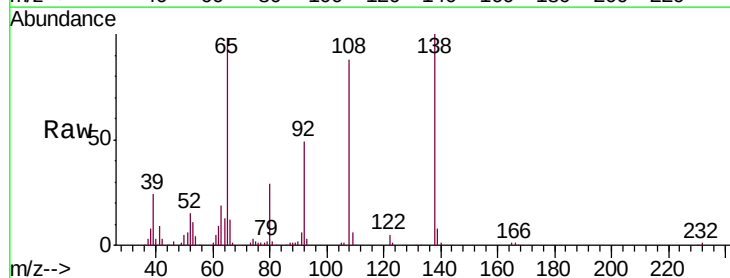


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

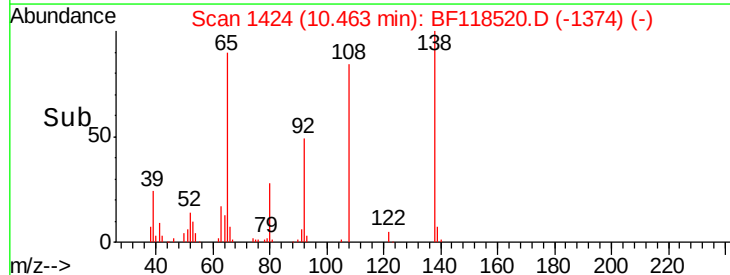
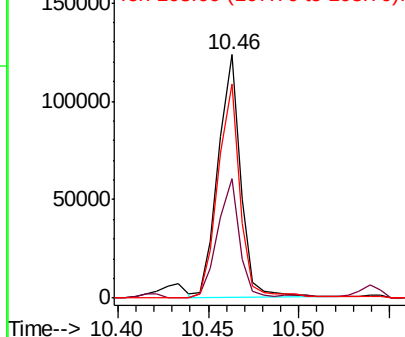


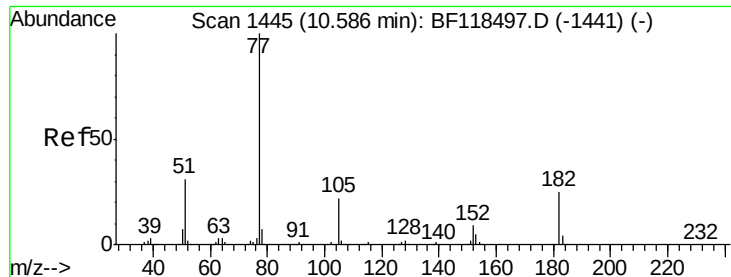
#62
4-Nitroaniline
Concen: 33.023 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion:138 Resp: 106455
Ion Ratio Lower Upper
138 100
92 48.9 27.9 67.9
108 88.0 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

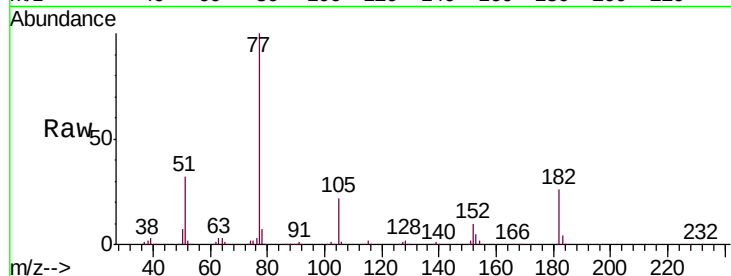




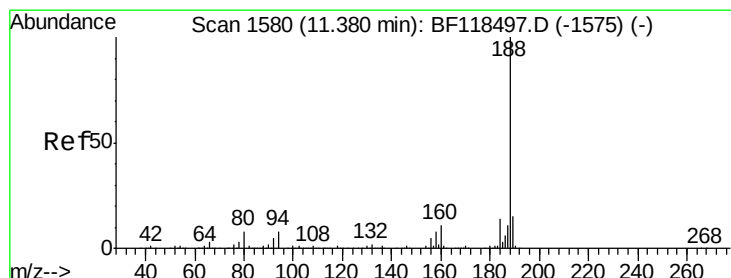
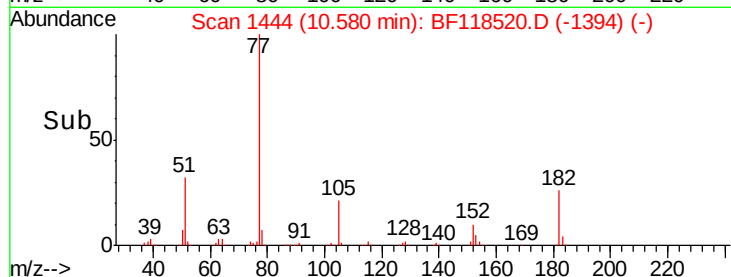
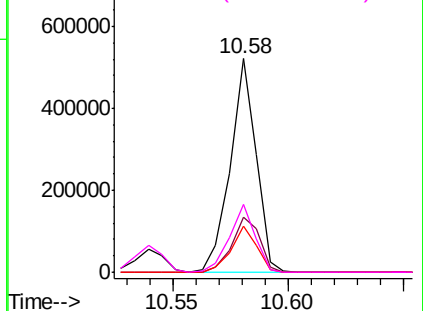
#63
Azobenzene
Concen: 36.026 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Resp	Lower	Upper
77	100		
182	25.7	5.2	45.2
105	21.5	1.7	41.7
51	31.6	11.2	51.2

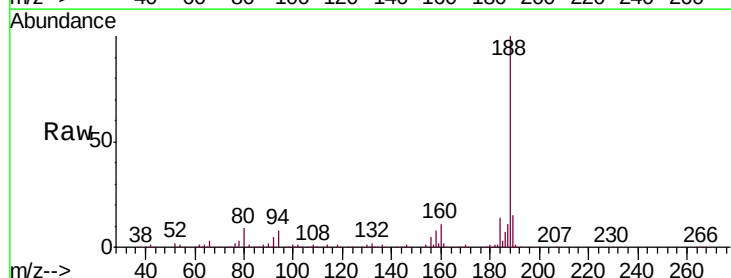


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

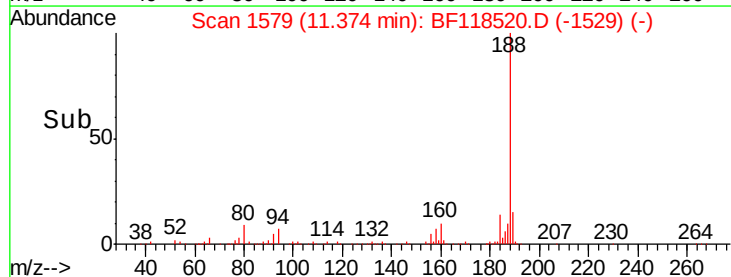
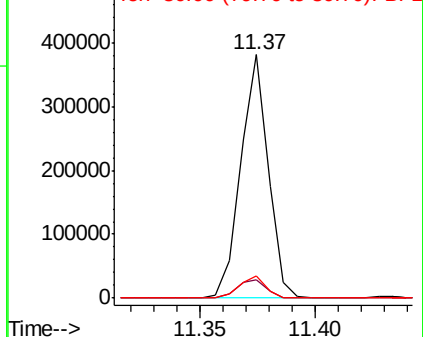


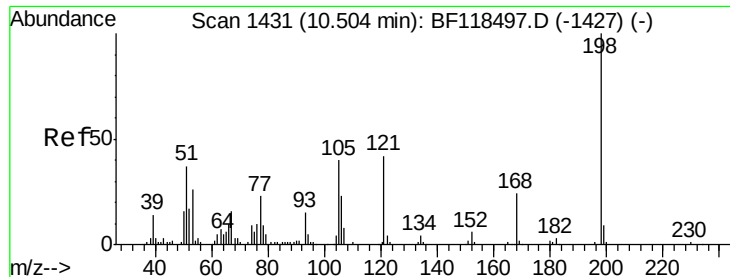
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	8.9	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: 23.288 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

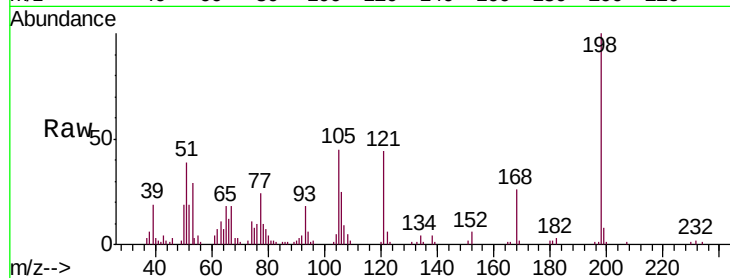
Tgt Ion:198 Resp: 38981

Ion Ratio Lower Upper

198 100

51 38.9 17.8 57.8

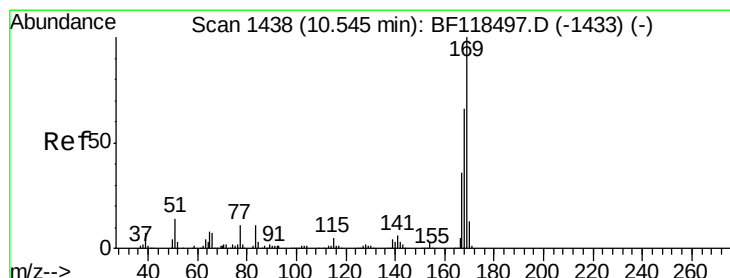
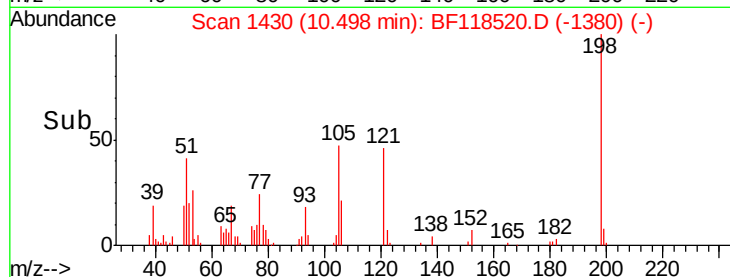
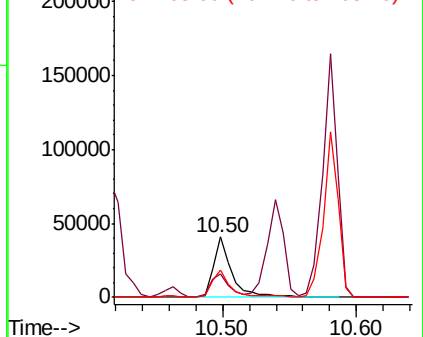
105 45.0 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.341 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

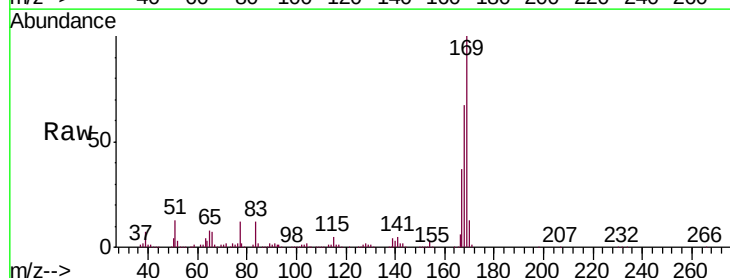
Tgt Ion:169 Resp: 457217

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.2

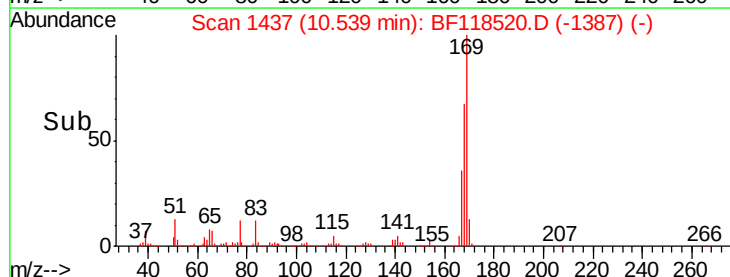
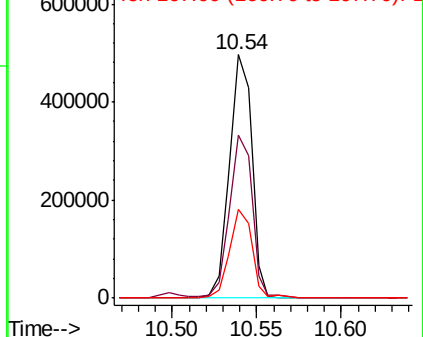
167 36.5 28.9 43.3

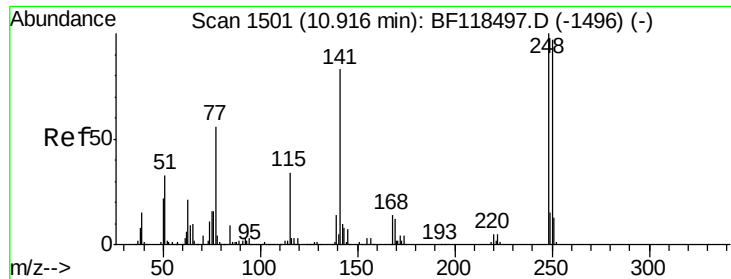


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

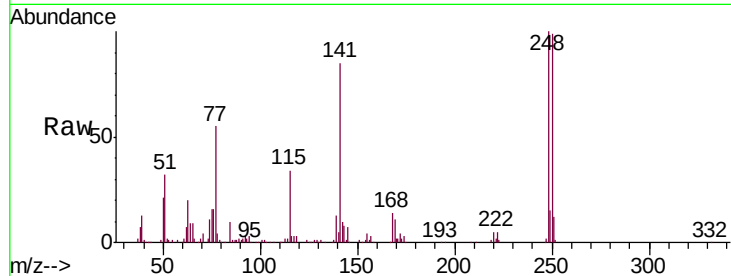




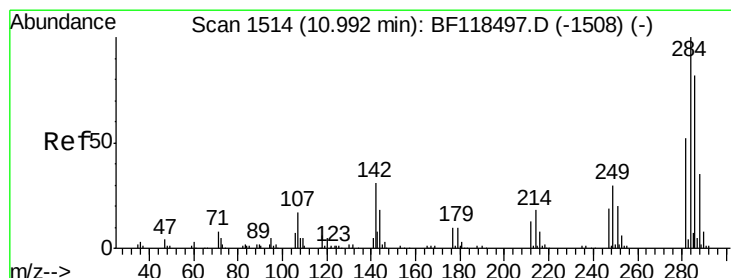
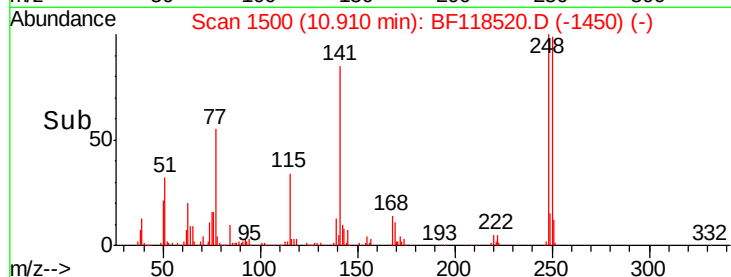
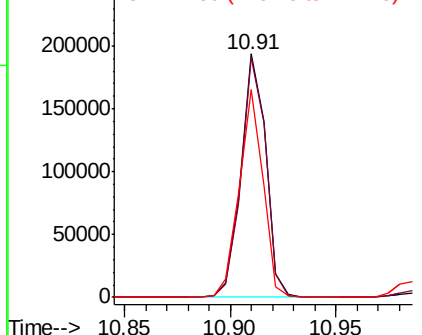
#67
4-Bromophenyl-phenylether
Concen: 42.326 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tgt Ion: 248 Resp: 156977
Ion Ratio Lower Upper
248 100
250 98.5 77.4 116.0
141 85.4 66.2 99.4

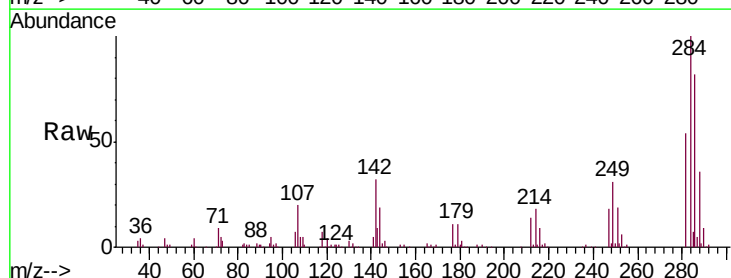


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

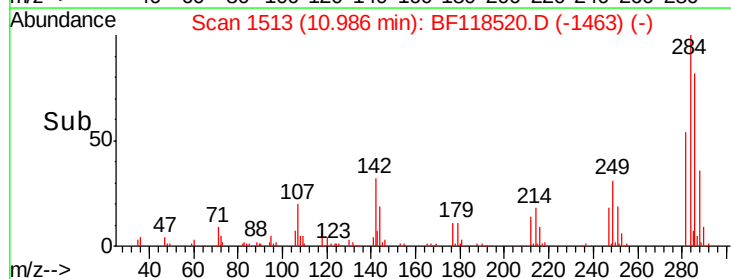
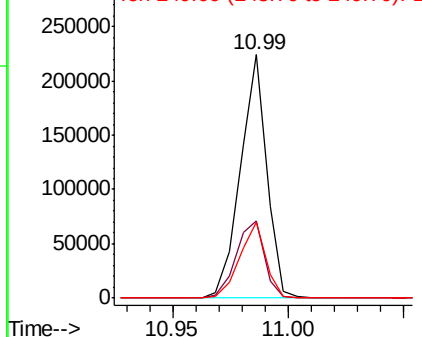


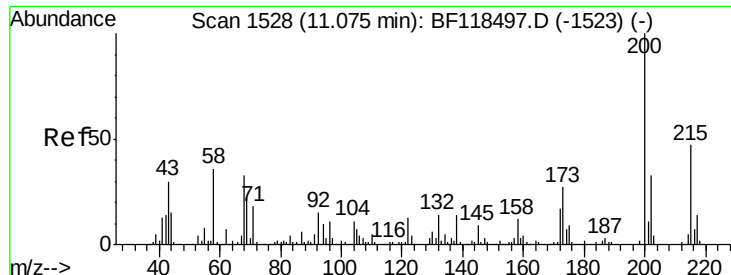
#68
Hexachlorobenzene
Concen: 40.248 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion: 284 Resp: 178254
Ion Ratio Lower Upper
284 100
142 31.9 24.6 37.0
249 31.0 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: 44.050 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

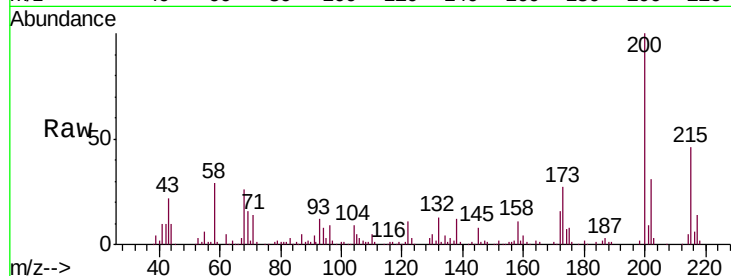
Tgt Ion:200 Resp: 134967

Ion Ratio Lower Upper

200 100

173 26.7 7.0 47.0

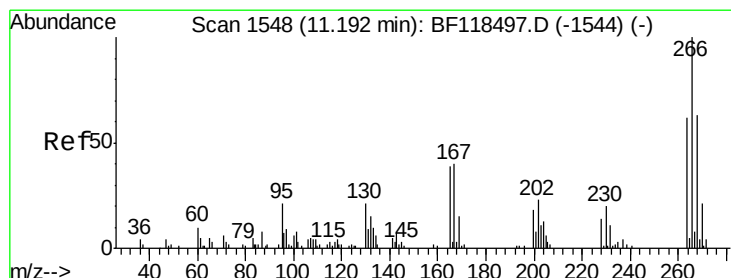
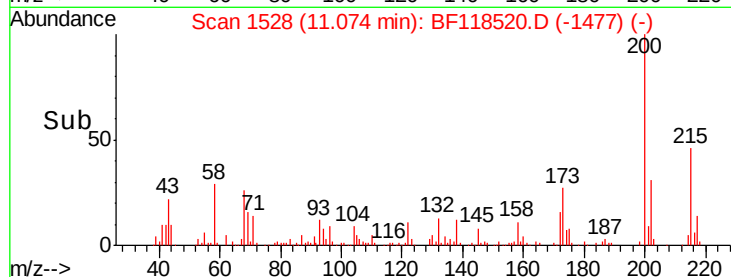
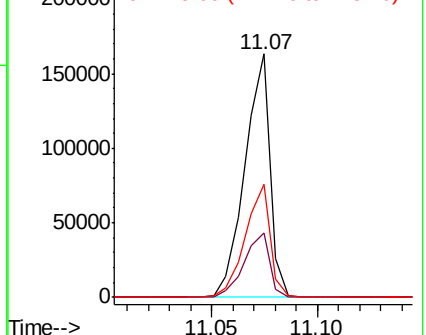
215 46.4 27.0 67.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.061 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

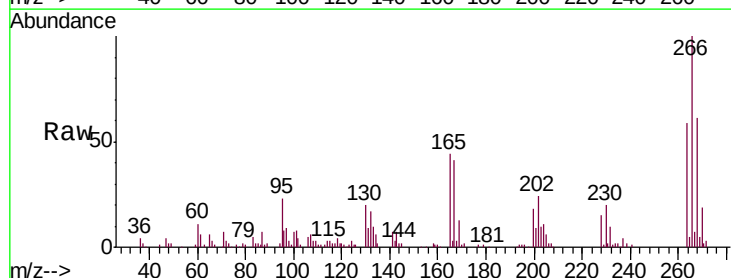
Tgt Ion:266 Resp: 113083

Ion Ratio Lower Upper

266 100

268 61.3 50.2 75.2

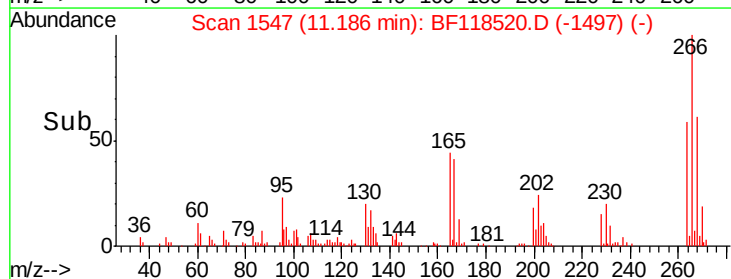
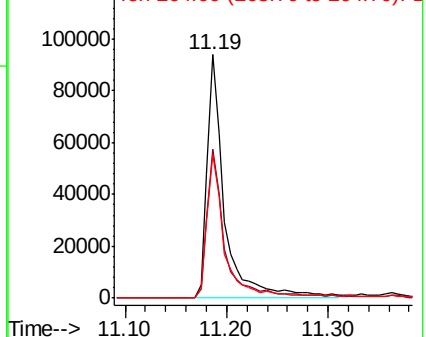
264 58.8 49.4 74.0

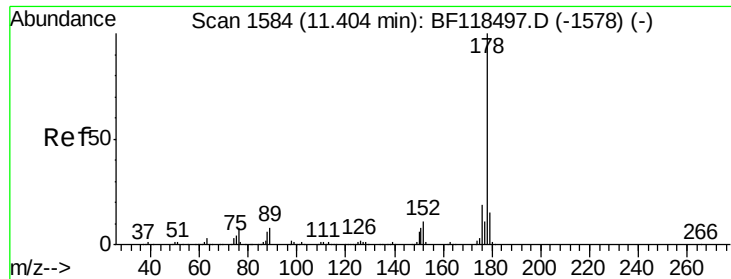


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

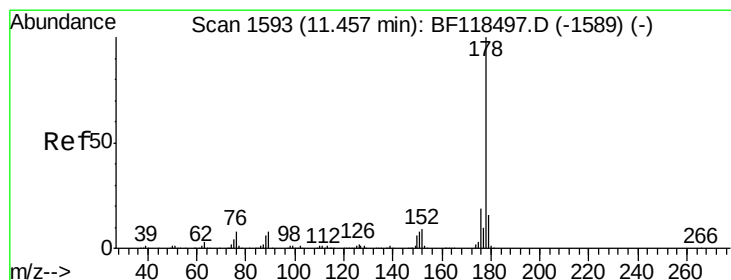
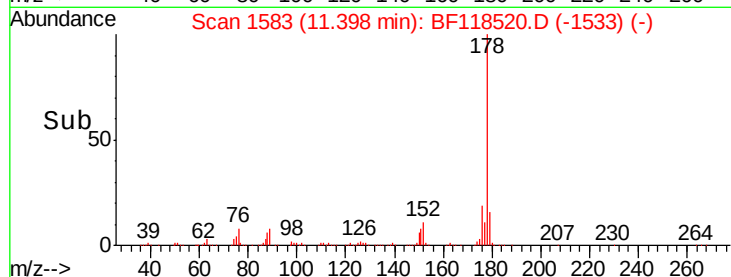
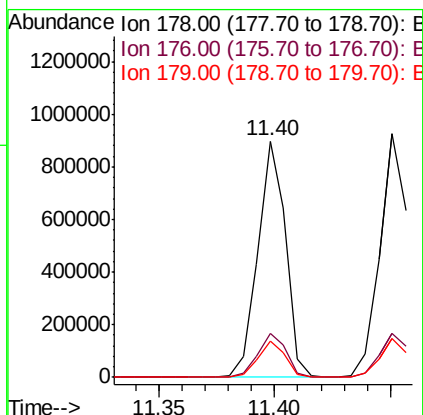
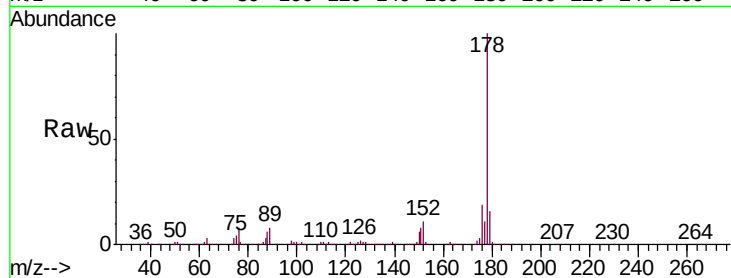




#71
Phenanthrene
Concen: 42.473 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

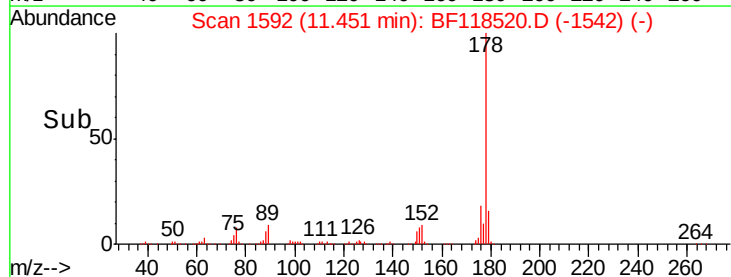
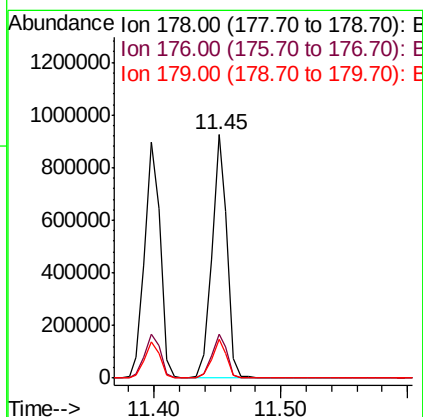
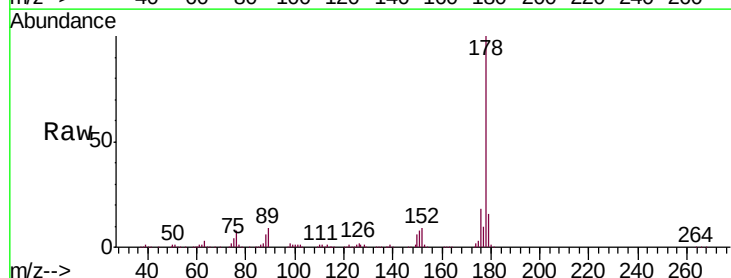
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

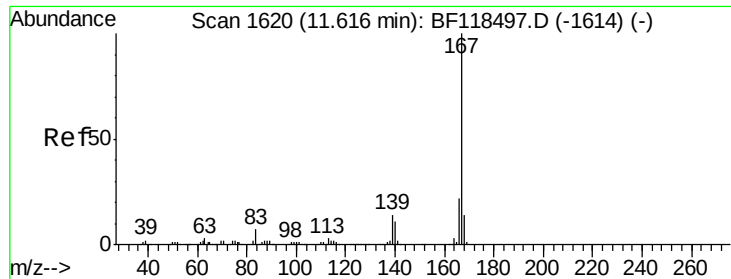
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.6	12.3	18.5



#72
Anthracene
Concen: 44.108 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.7	12.6	19.0

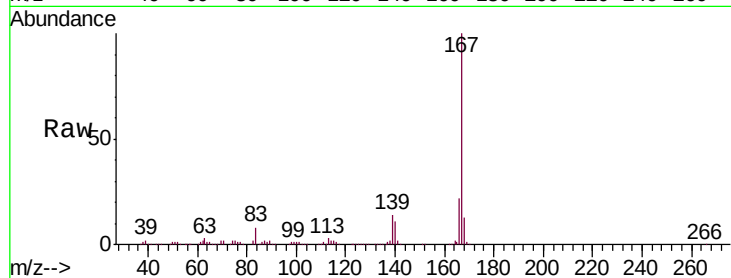




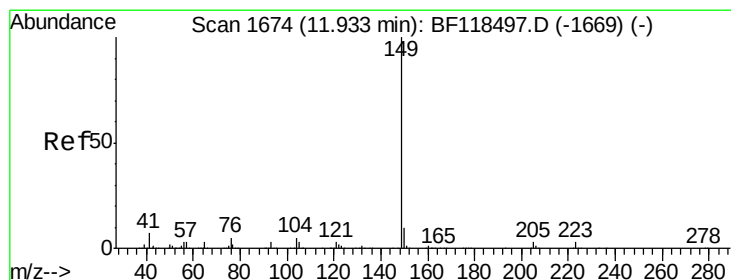
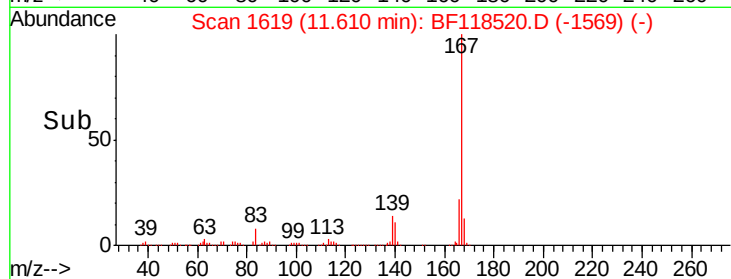
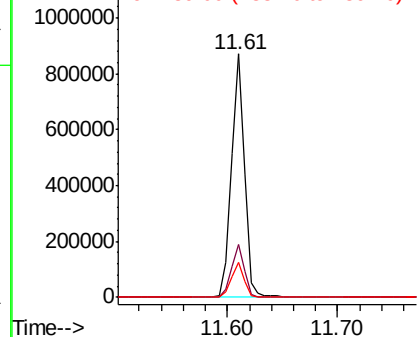
#73
 Carbazole
 Concen: 47.506 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion:167 Resp: 726176
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 14.1 10.9 16.3

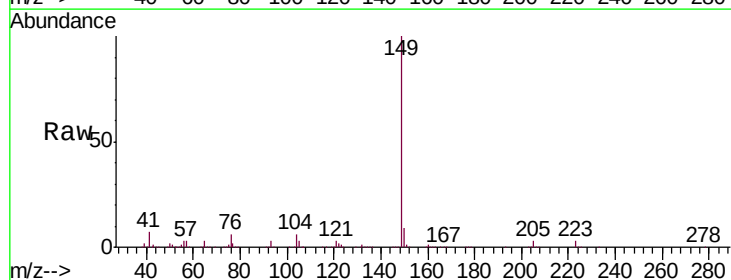


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

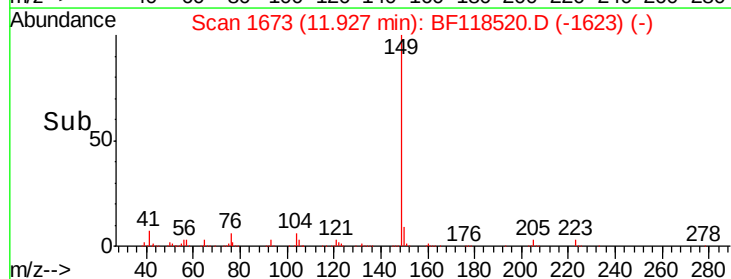
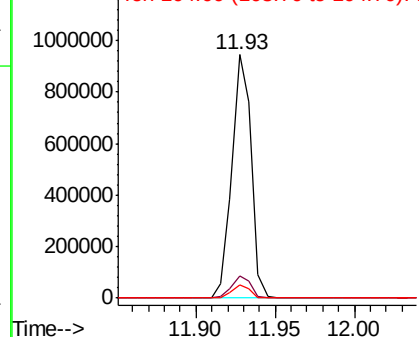


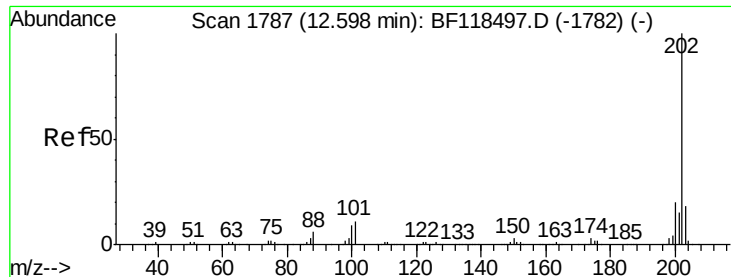
#74
 Di-n-butylphthalate
 Concen: 38.924 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Tgt Ion:149 Resp: 793771
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.8
 104 5.6 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.009 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

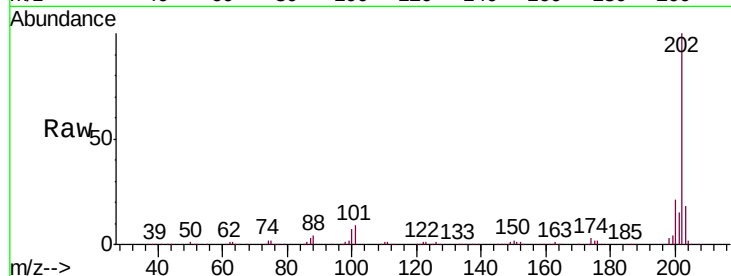
Tgt Ion: 202 Resp: 685244

Ion Ratio Lower Upper

202 100

101 8.9 0.0 31.4

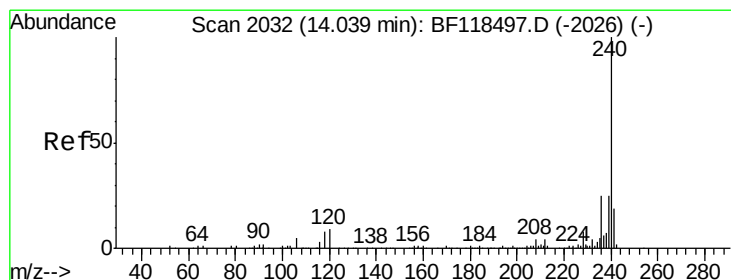
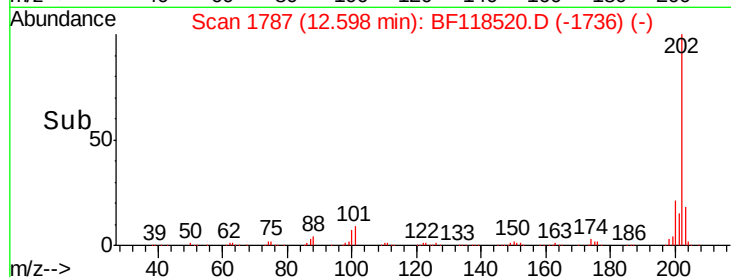
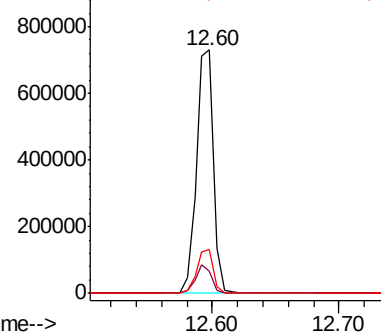
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

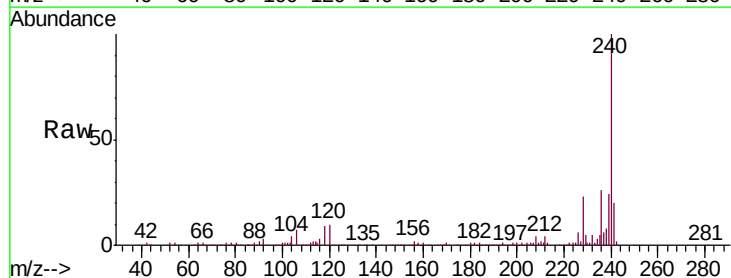
Tgt Ion: 240 Resp: 215408

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.6

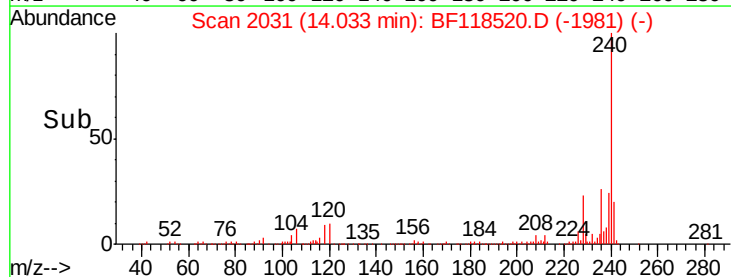
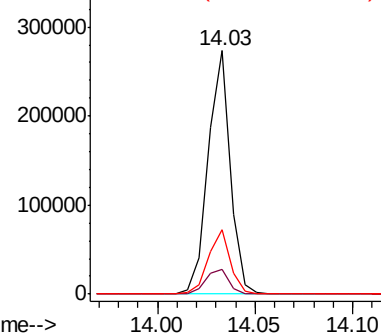
236 26.3 20.1 30.1

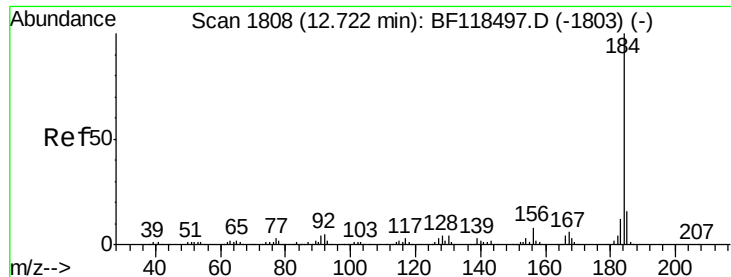


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.960 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

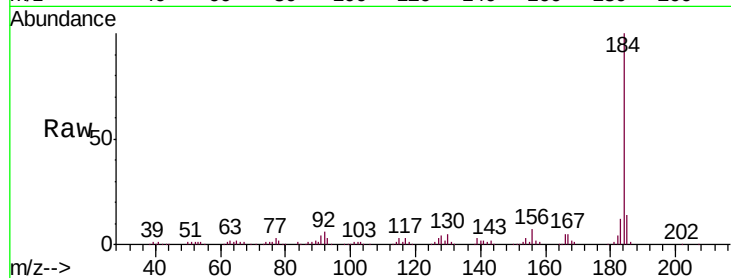
Tgt Ion:184 Resp: 158769

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

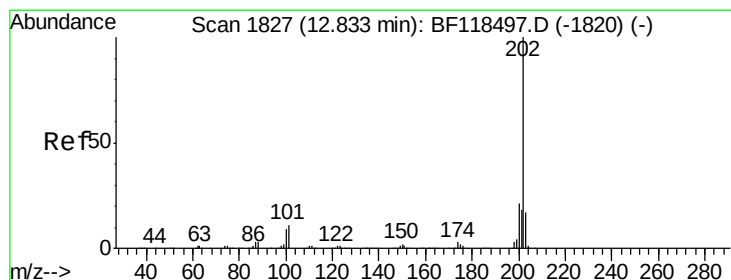
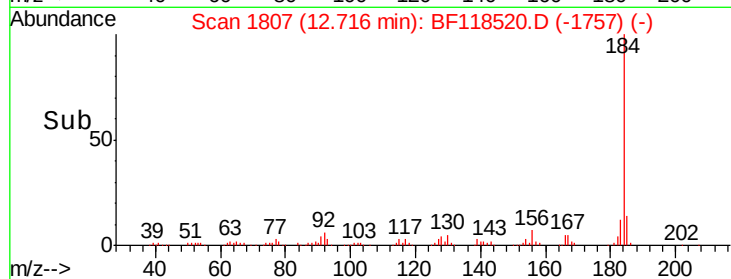
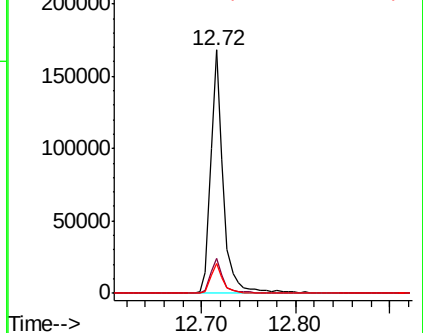
183 12.1 9.3 13.9



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: 39.224 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

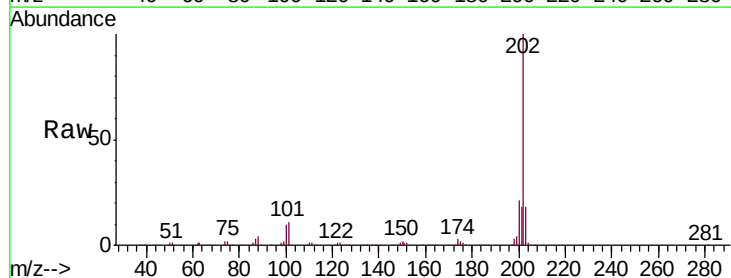
Tgt Ion:202 Resp: 695159

Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

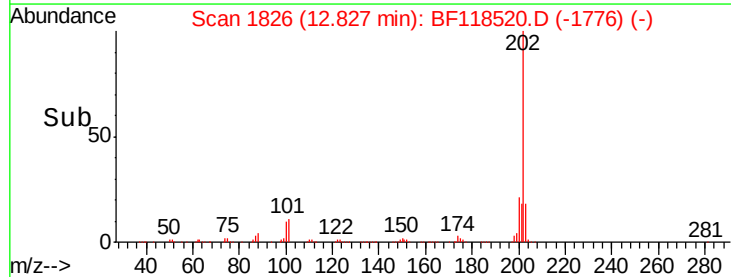
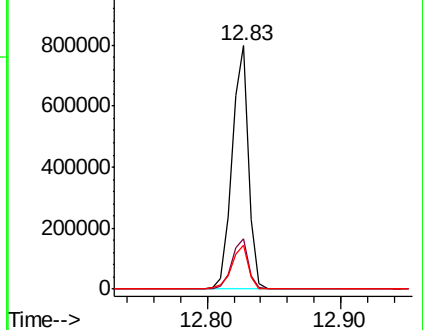
203 18.1 13.9 20.9

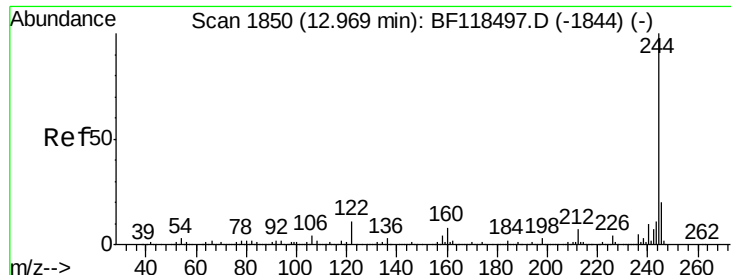


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

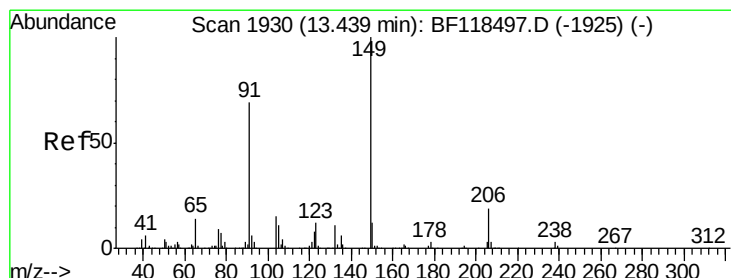
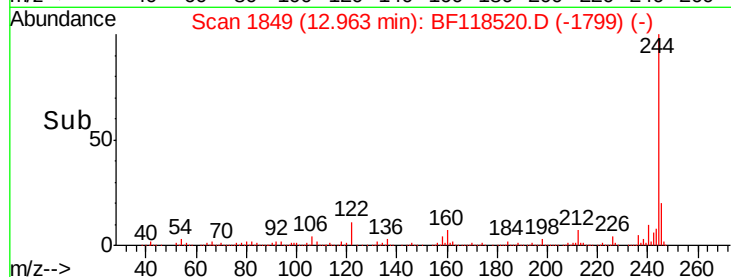
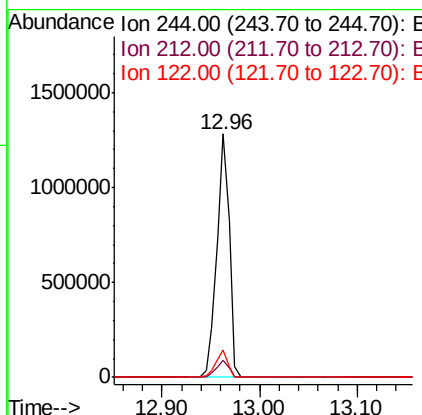
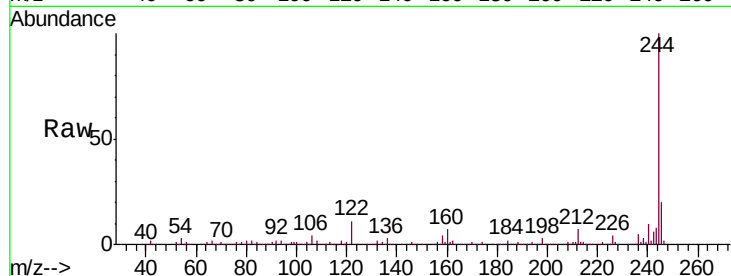




#79
 Terphenyl-d14
 Concen: 83.673 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

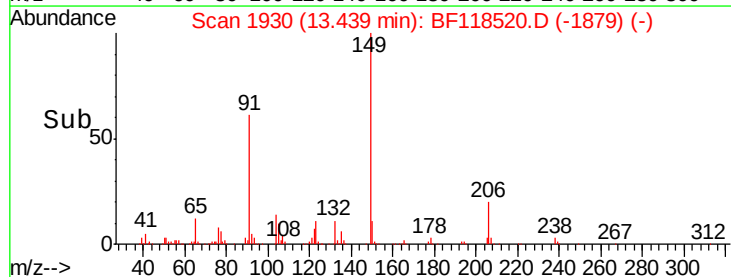
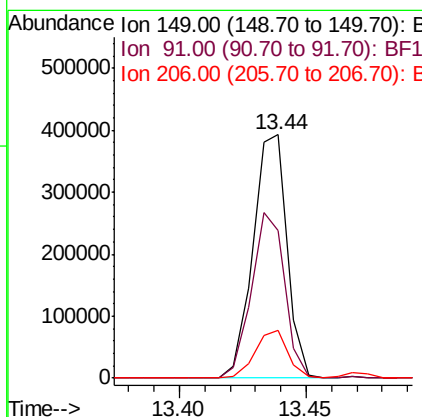
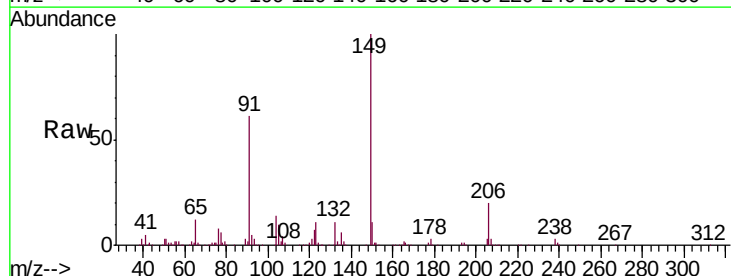
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

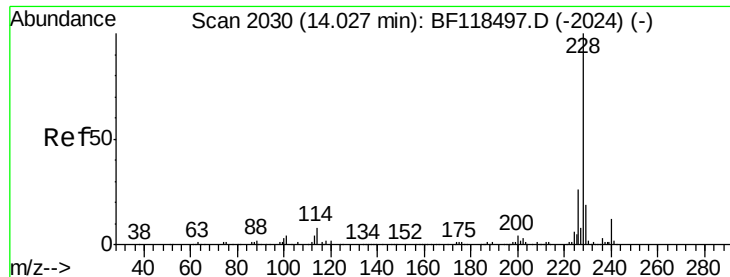
Tgt Ion:244 Resp: 1137384
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.4 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 45.220 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF118520.D
 Acq: 10 Jan 2020 17:48

Tgt Ion:149 Resp: 367029
 Ion Ratio Lower Upper
 149 100
 91 60.9 55.2 82.8
 206 19.7 15.1 22.7





#81

Benzo(a)anthracene

Concen: 43.785 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

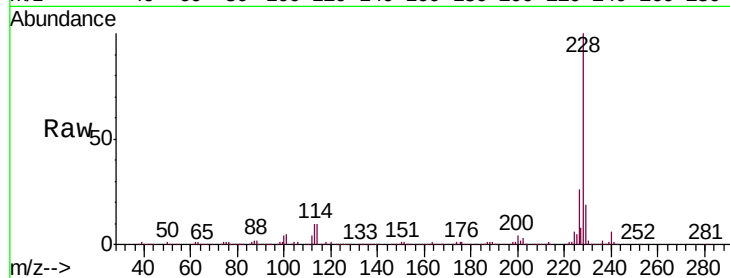
Tgt Ion:228 Resp: 660165

Ion Ratio Lower Upper

228 100

226 26.4 20.7 31.1

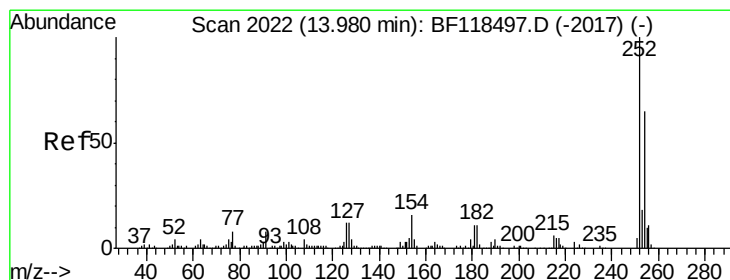
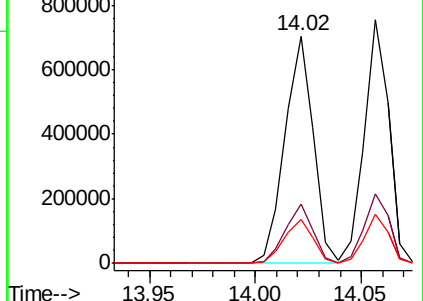
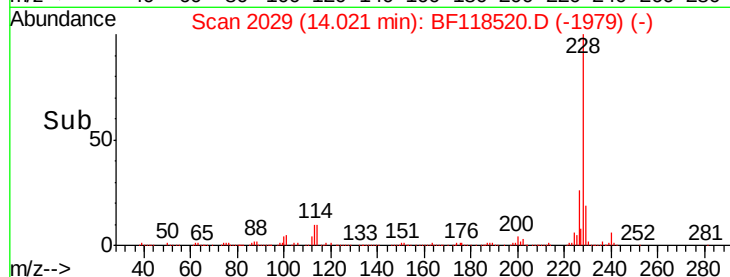
229 19.4 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.025 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

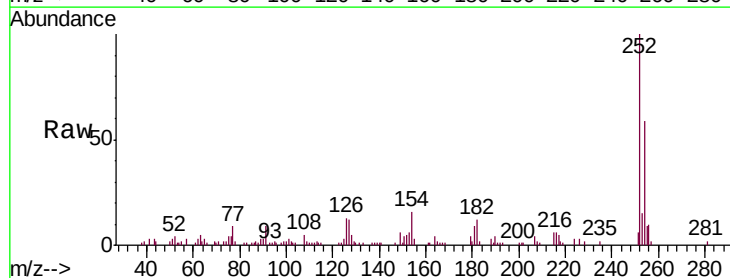
Tgt Ion:252 Resp: 39345

Ion Ratio Lower Upper

252 100

254 59.4 52.1 78.1

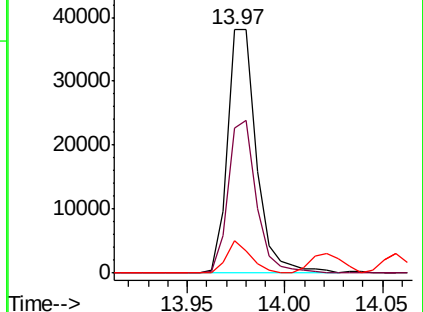
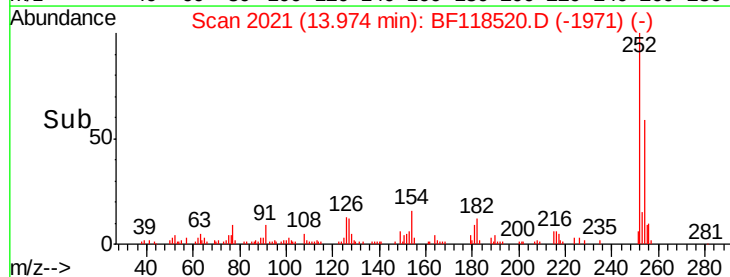
126 13.4 9.6 14.4

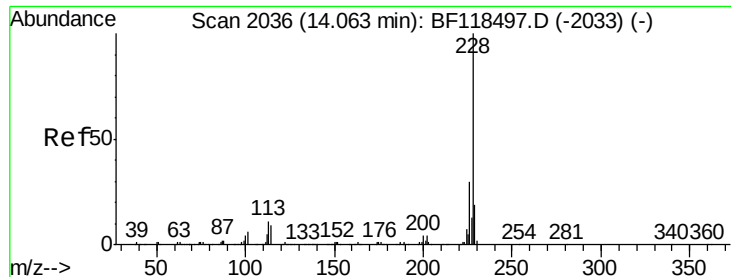


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.783 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

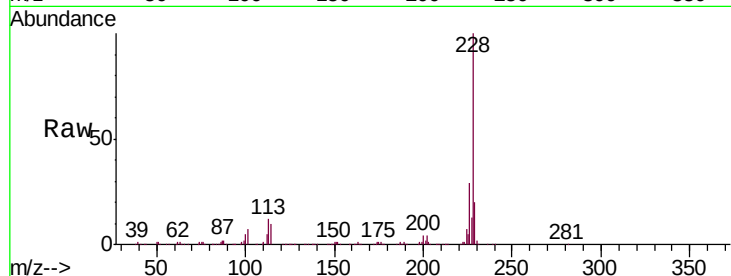
Tgt Ion:228 Resp: 612182

Ion Ratio Lower Upper

228 100

226 28.8 23.6 35.4

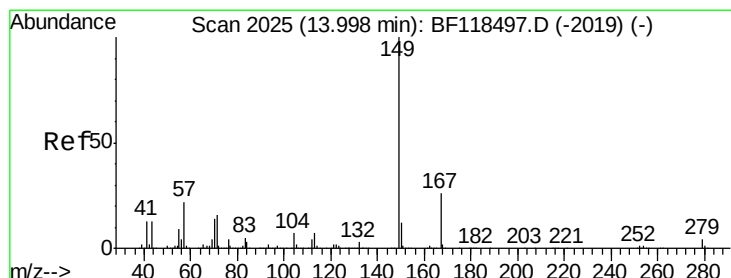
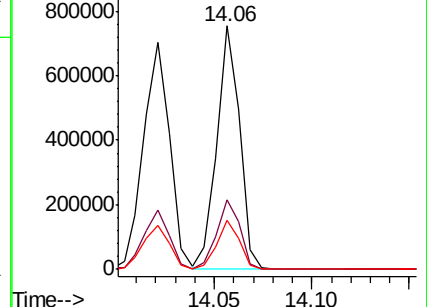
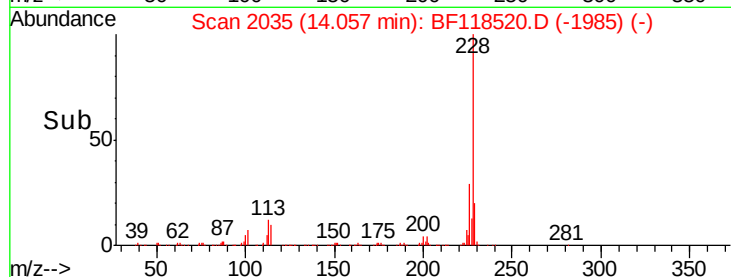
229 20.0 15.6 23.4



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: 43.074 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

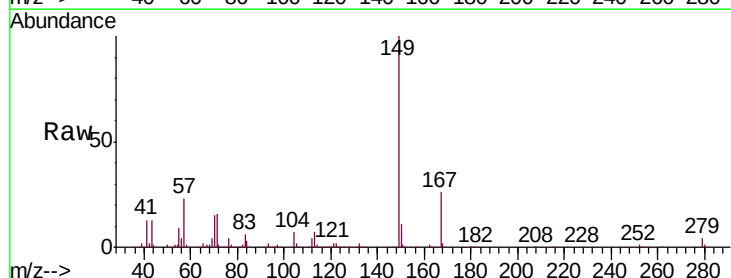
Tgt Ion:149 Resp: 474690

Ion Ratio Lower Upper

149 100

167 26.1 20.6 30.8

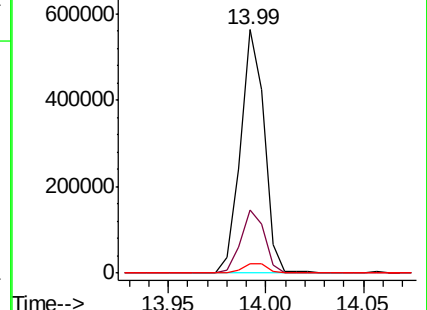
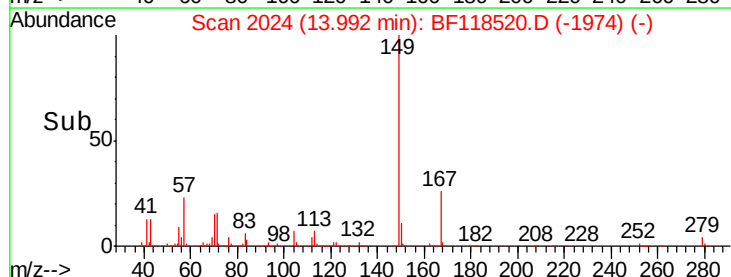
279 3.7 3.1 4.7

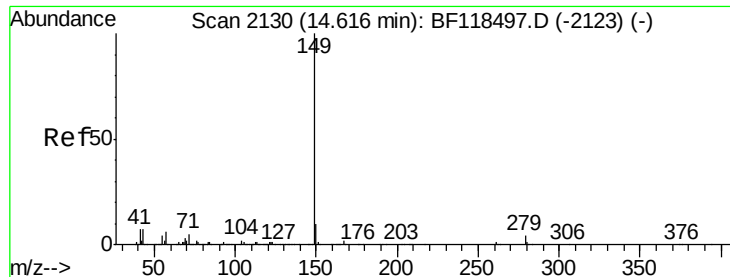


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.811 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

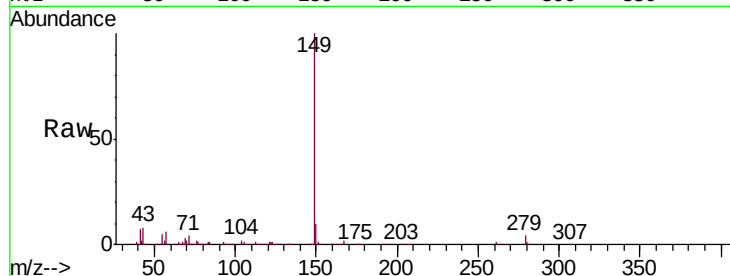
Tgt Ion:149 Resp: 692527

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

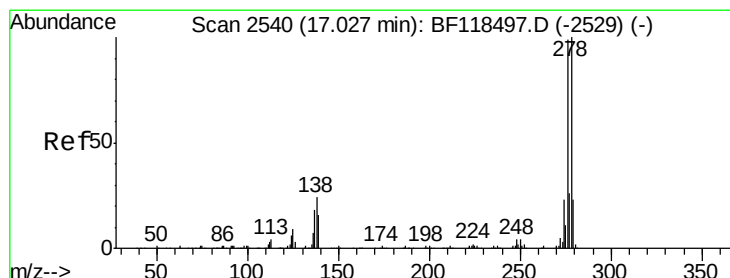
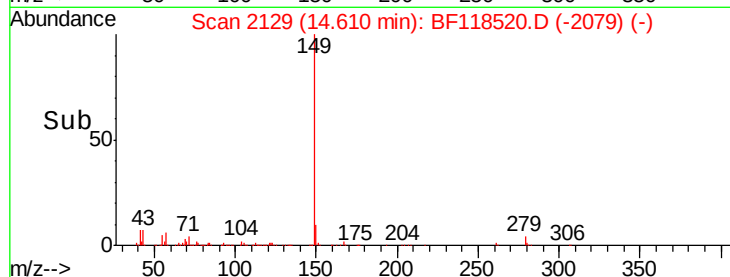
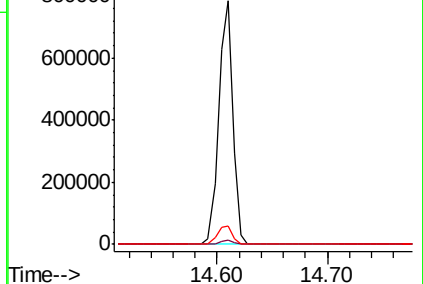
43 7.9 6.4 9.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.876 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

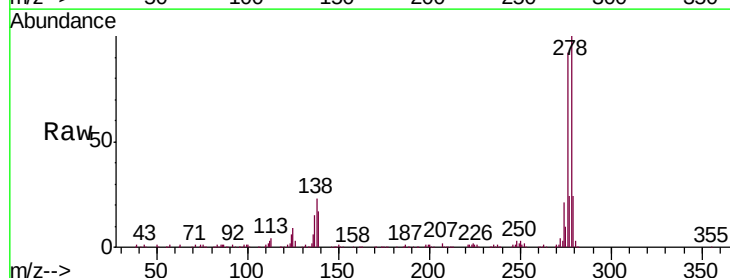
Tgt Ion:276 Resp: 576527

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.4

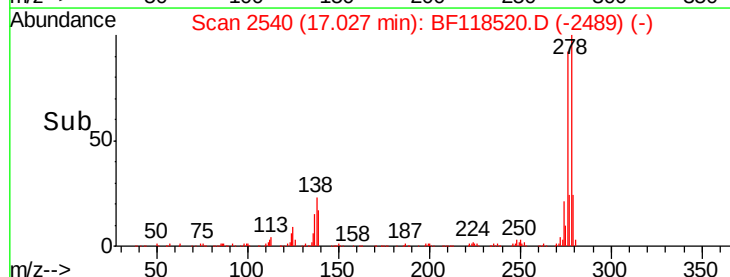
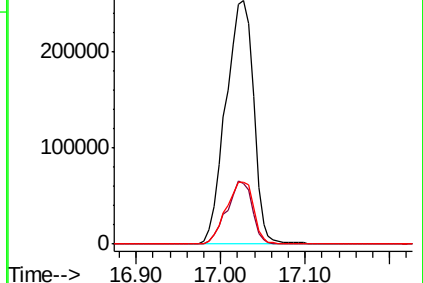
277 25.4 20.5 30.7

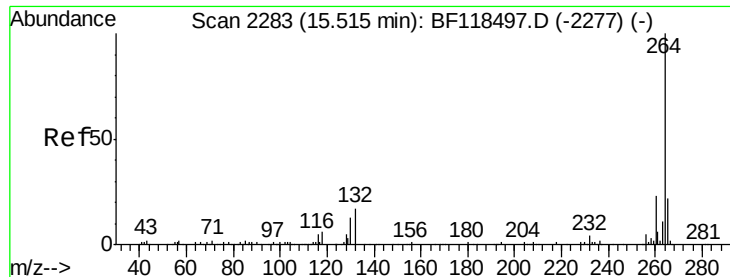


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



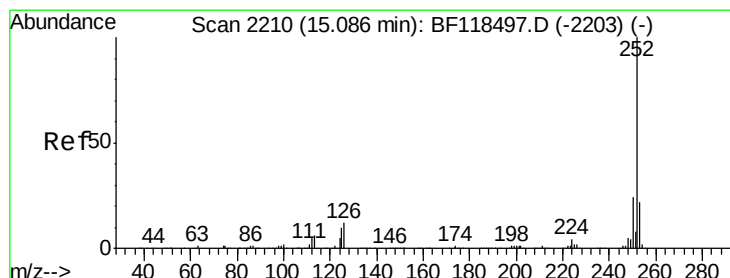
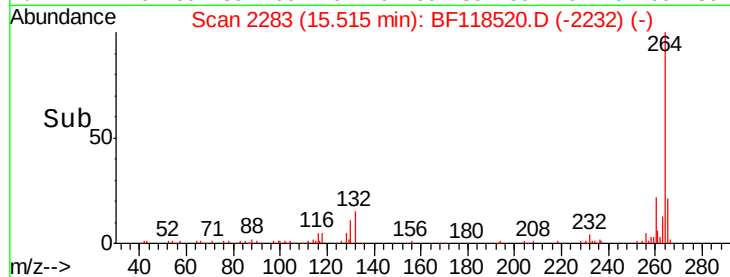
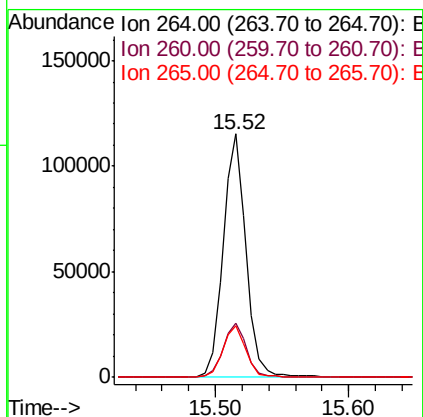
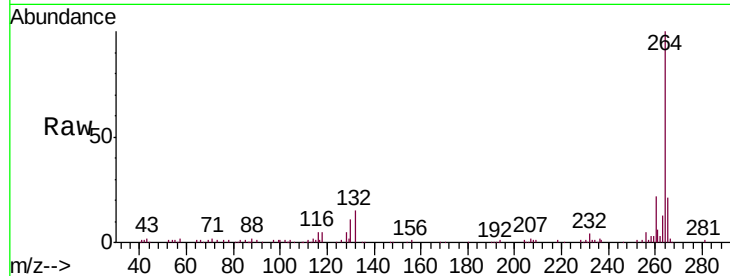


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:264 Resp: 138496

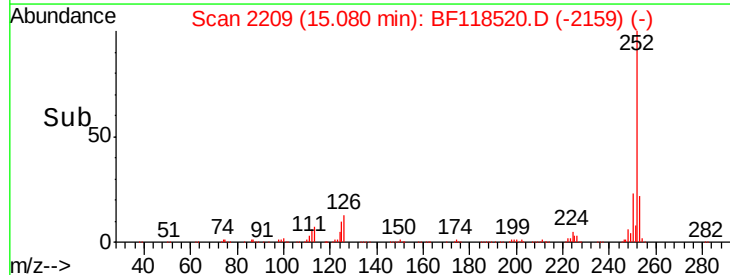
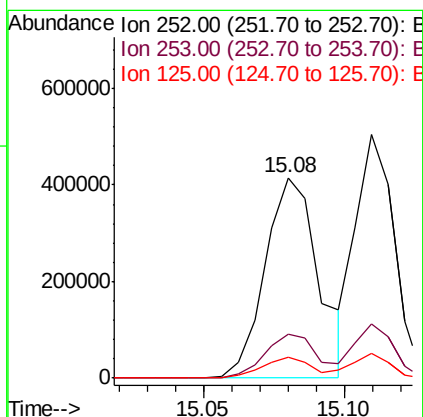
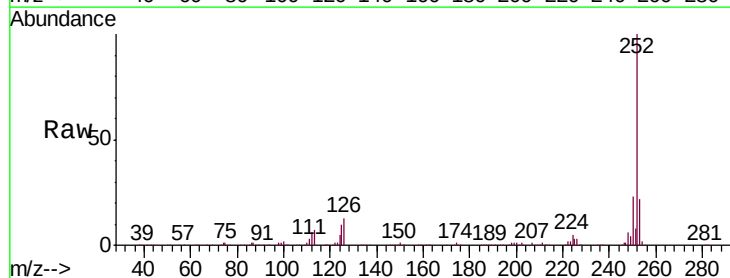
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.8	28.2
265	21.4	17.5	26.3

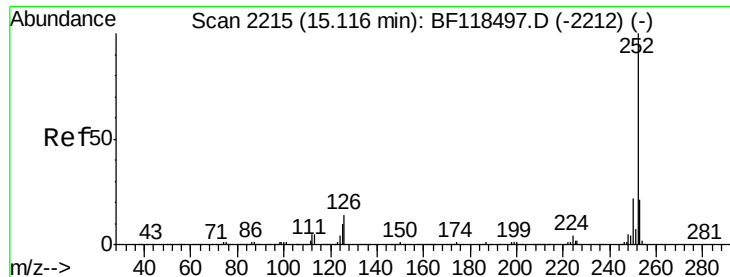


#88
Benzo(b)fluoranthene
Concen: 54.732 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion:252 Resp: 548030

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.4	7.8	11.6

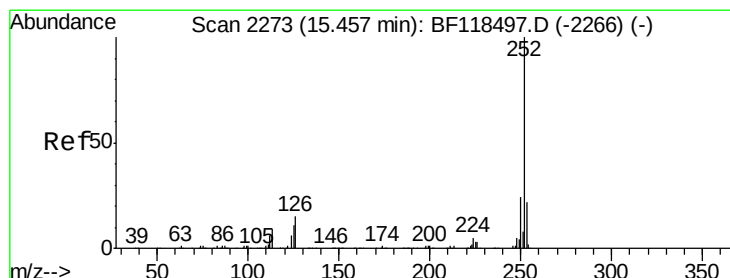
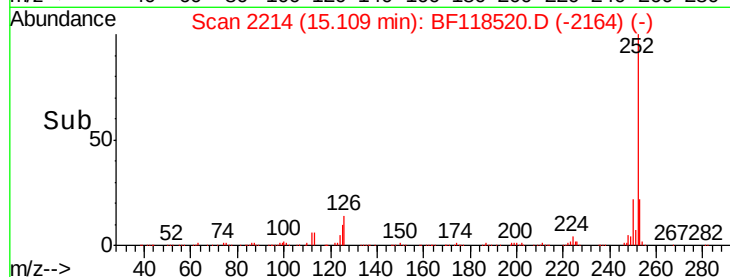
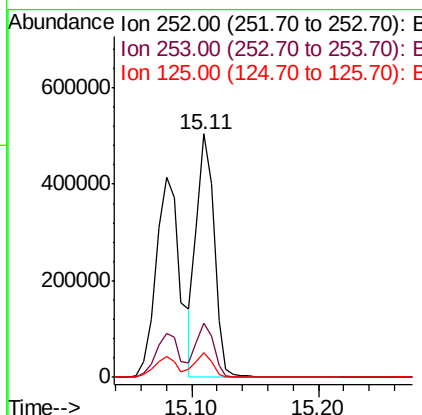
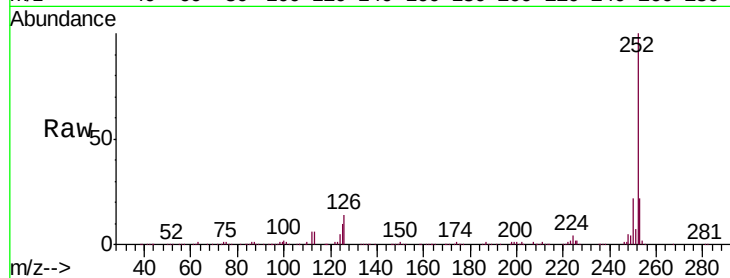




#89
Benzo(k)fluoranthene
Concen: 50.519 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

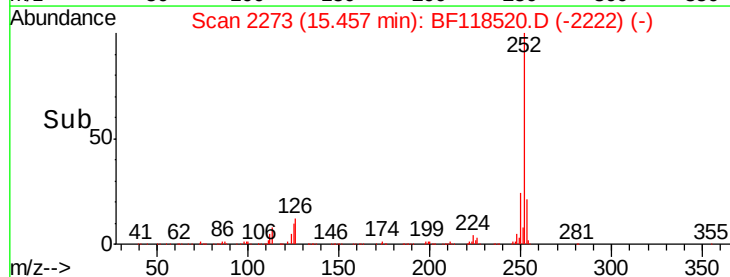
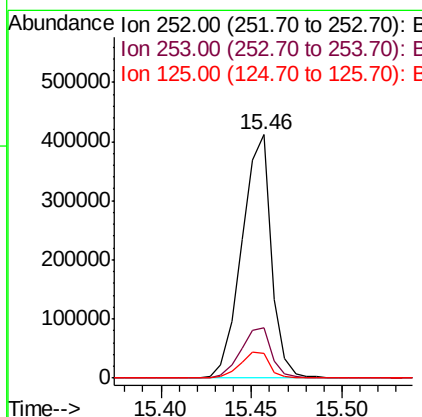
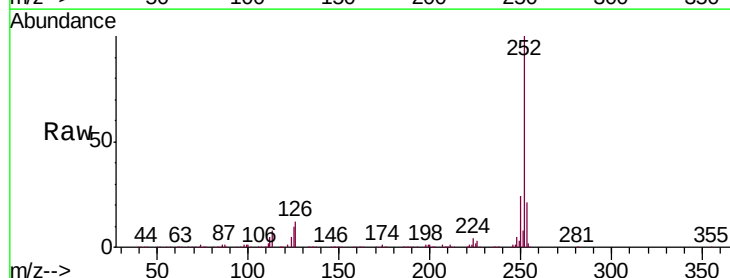
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

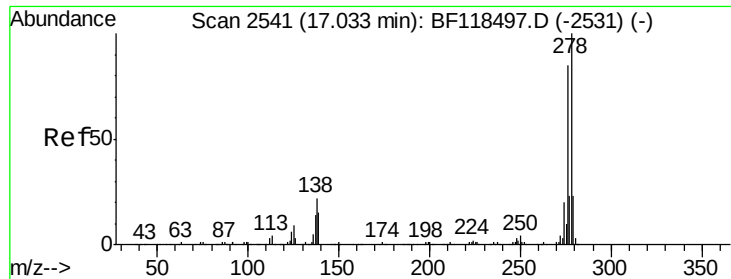
Tgt Ion:252 Resp: 482839
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 10.2 7.8 11.6



#90
Benzo(a)pyrene
Concen: 56.544 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF118520.D
Acq: 10 Jan 2020 17:48

Tgt Ion:252 Resp: 463975
Ion Ratio Lower Upper
252 100
253 20.8 17.7 26.5
125 10.0 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 63.648 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

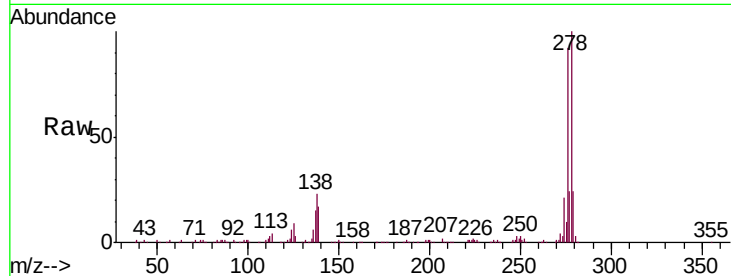
Tgt Ion:278 Resp: 489722

Ion Ratio Lower Upper

278 100

139 16.7 11.9 17.9

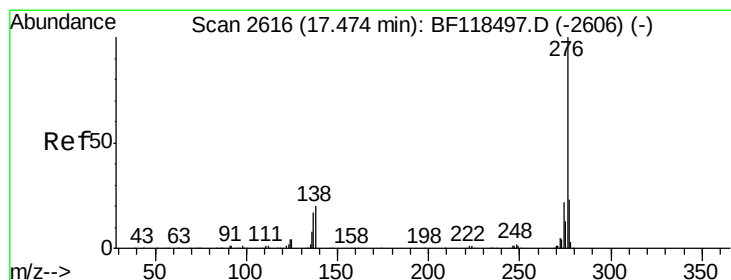
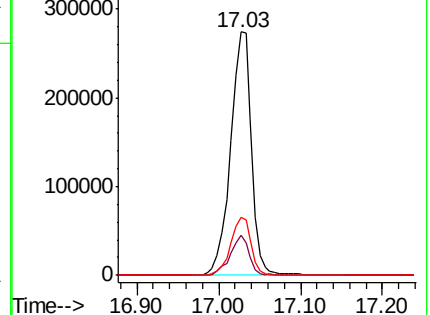
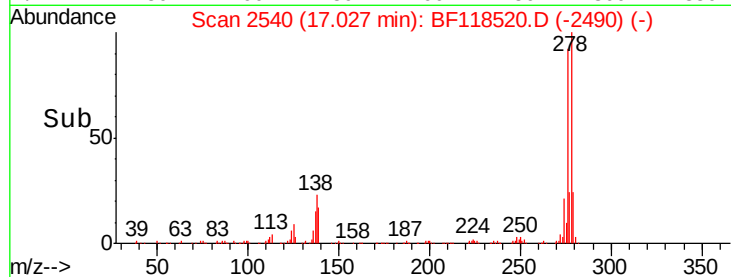
279 23.8 18.6 27.8



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: 54.424 ng

RT: 17.47 min Scan# 2616

Delta R.T. -0.00 min

Lab File: BF118520.D

Acq: 10 Jan 2020 17:48

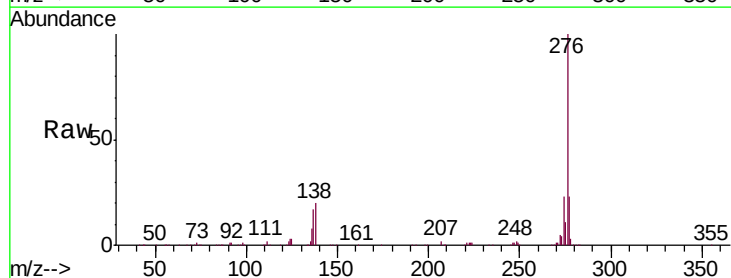
Tgt Ion:276 Resp: 396771

Ion Ratio Lower Upper

276 100

277 22.8 18.2 27.4

138 20.2 16.3 24.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

