

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118585.D
 Acq On : 20 Jan 2020 12:04
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 13:01:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 12:07:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	472026	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1698080	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	957358	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1705812	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1255417	20.00	ng	0.00
87) Perylene-d12	15.52	264	1007819	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	2540438	99.44	ng	0.00
7) Phenol-d6	6.51	99	3329296	99.46	ng	0.00
23) Nitrobenzene-d5	7.45	82	3090706	112.41	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1119999	105.83	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	5125698	96.66	ng	0.00
79) Terphenyl-d14	13.00	244	5621386	88.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	615499	50.143	ng	100
3) Pyridine	3.43	79	1753471	51.724	ng	99
4) n-Nitrosodimethylamine	3.37	42	755915	48.615	ng	97
6) Aniline	6.55	93	2217496	50.612	ng	100
8) 2-Chlorophenol	6.67	128	1445564	49.754	ng	98
9) Benzaldehyde	6.43	77	947936	55.320	ng	99
10) Phenol	6.52	94	1906122	51.902	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	1396821	47.487	ng	98
12) 1,3-Dichlorobenzene	6.83	146	1683676	48.731	ng	100
13) 1,4-Dichlorobenzene	6.90	146	1679594	48.390	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1597959	49.206	ng	99
15) Benzyl Alcohol	7.02	79	1334812	48.590	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1959306	45.406	ng	99
17) 2-Methylphenol	7.13	107	1200682	48.686	ng	99
18) Hexachloroethane	7.40	117	615029	48.623	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	1120967	46.698	ng	99
20) 3+4-Methylphenols	7.29	107	1481519	50.236	ng	# 88
22) Acetophenone	7.29	105	2048715	49.717	ng	# 95
24) Nitrobenzene	7.47	77	1582542	54.125	ng	95
25) Isophorone	7.71	82	2787711	46.718	ng	99
26) 2-Nitrophenol	7.78	139	694825	60.146	ng	98
27) 2,4-Dimethylphenol	7.82	122	1171300	49.356	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	1787641	46.627	ng	98
29) 2,4-Dichlorophenol	8.02	162	1298596	49.713	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	1495844	49.137	ng	99
31) Naphthalene	8.19	128	3858313	48.180	ng	98
32) Benzoic acid	7.95	122	913872	62.679	ng	98
33) 4-Chloroaniline	8.23	127	1823762	49.014	ng	98
34) Hexachlorobutadiene	8.32	225	912450	48.054	ng	99
35) Caprolactam	8.62	113	409587	50.402	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	1271952	49.119	ng	98
37) 2-Methylnaphthalene	8.88	142	2727456	48.074	ng	98
38) 1-Methylnaphthalene	8.98	142	2613408	48.691	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1530816	49.575	ng	99

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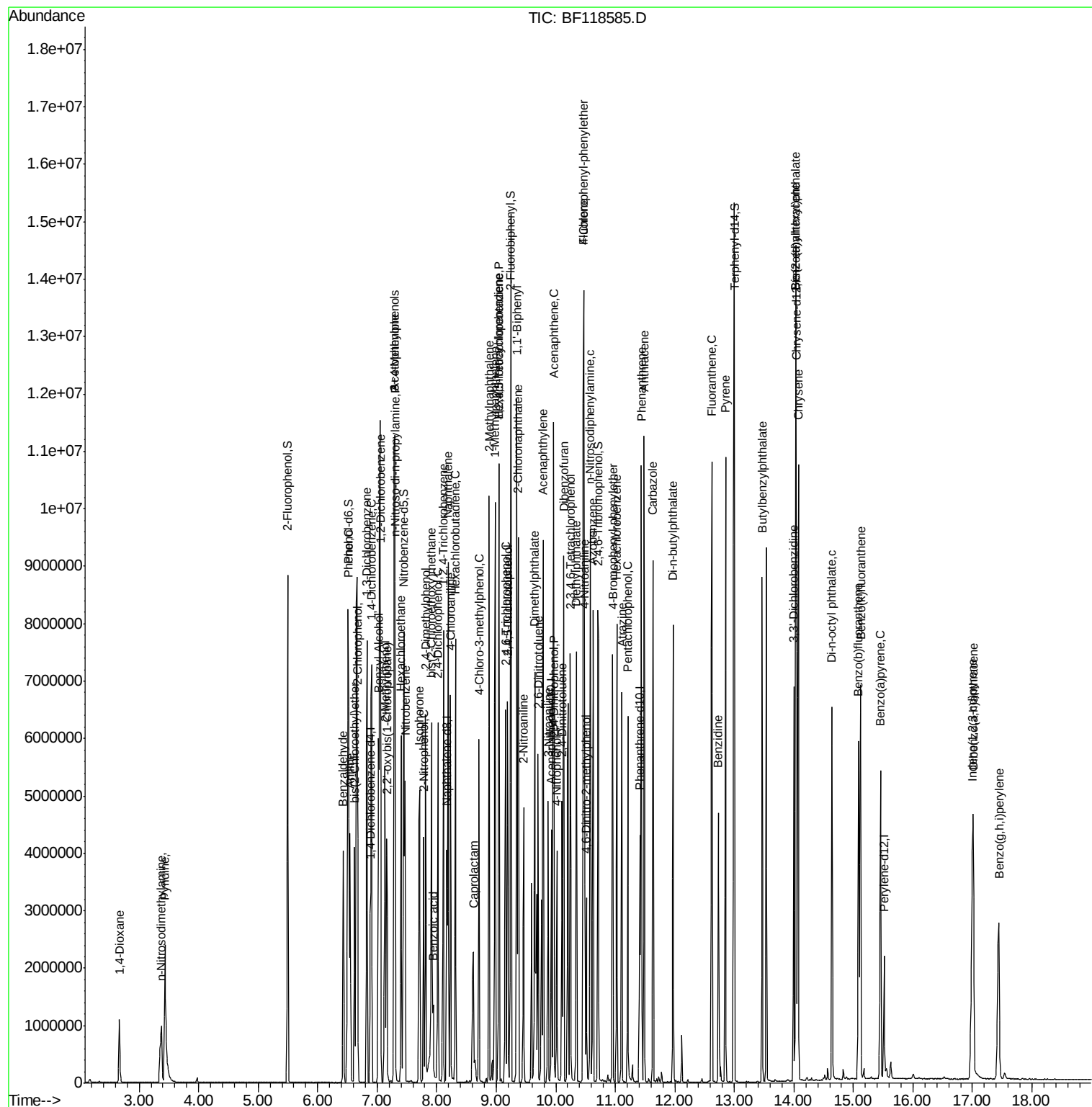
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	790548	49.000	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	1007425	51.206	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	1036977	52.133	ng	98
46) 1,1'-Biphenyl	9.35	154	3304963	48.313	ng	98
47) 2-Chloronaphthalene	9.37	162	2796579	48.503	ng	99
48) 2-Nitroaniline	9.46	65	874492	58.315	ng	98
49) Acenaphthylene	9.79	152	3912900	48.065	ng	98
50) Dimethylphthalate	9.65	163	3098284	47.135	ng	99
51) 2,6-Dinitrotoluene	9.70	165	703243	56.073	ng	92
52) Acenaphthene	9.96	154	2636978	49.445	ng	99
53) 3-Nitroaniline	9.87	138	803667	56.566	ng	96
54) 2,4-Dinitrophenol	9.97	184	297671	70.580	ng	# 38
55) Dibenzofuran	10.13	168	3592357	47.599	ng	99
56) 4-Nitrophenol	10.02	139	610214	58.143	ng	94
57) 2,4-Dinitrotoluene	10.10	165	900310	59.074	ng	92
58) Fluorene	10.47	166	2836037	48.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	914372	53.734	ng	100
60) Diethylphthalate	10.35	149	3031870	47.246	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	1555681	48.656	ng	98
62) 4-Nitroaniline	10.49	138	833353	59.058	ng	98
63) Azobenzene	10.63	77	2922400	46.726	ng	93
65) 4,6-Dinitro-2-methylphenol	10.52	198	395978	64.856	ng	92
66) n-Nitrosodiphenylamine	10.58	169	2634291	48.062	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	1078961	47.252	ng	99
68) Hexachlorobenzene	11.03	284	1227224	48.499	ng	# 91
69) Atrazine	11.11	200	905127	57.225	ng	99
70) Pentachlorophenol	11.21	266	696959	56.044	ng	99
71) Phenanthrene	11.43	178	4099388	47.810	ng	98
72) Anthracene	11.49	178	4083400	47.733	ng	97
73) Carbazole	11.63	167	3747909	48.578	ng	98
74) Di-n-butylphthalate	11.97	149	4081808	42.573	ng	99
75) Fluoranthene	12.62	202	4335975	47.024	ng	97
77) Benzidine	12.73	184	1665324	54.597	ng	98
78) Pyrene	12.85	202	4440173	47.387	ng	98
80) Butylbenzylphthalate	13.47	149	1795840	44.712	ng	99
81) Benzo(a)anthracene	14.04	228	3834975	48.396	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	1385998	49.853	ng	99
83) Chrysene	14.07	228	3636628	47.711	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	2133229	42.790	ng	99
85) Di-n-octyl phthalate	14.64	149	3122951	40.907	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	3092932	41.235	ng	100
88) Benzo(b)fluoranthene	15.09	252	3327414	50.692	ng	100
89) Benzo(k)fluoranthene	15.12	252	2991172	50.422	ng	98
90) Benzo(a)pyrene	15.46	252	2800676	49.036	ng	100
91) Dibenzo(a,h)anthracene	17.02	278	2527954	47.389	ng	98
92) Benzo(g,h,i)perylene	17.44	276	2460441	47.750	ng	100

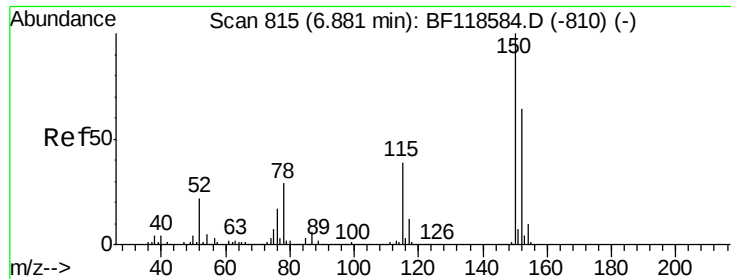
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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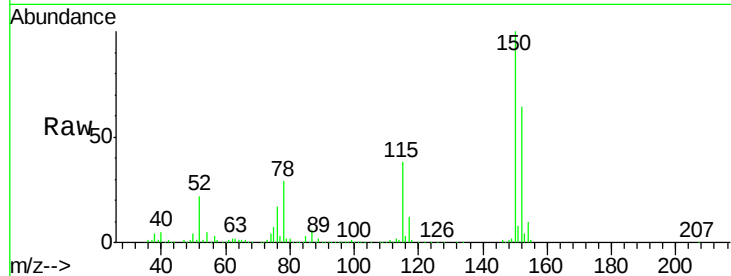


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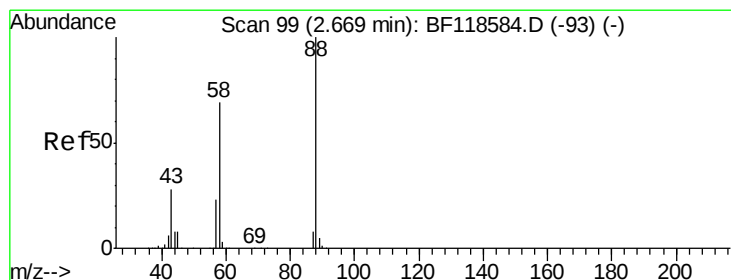
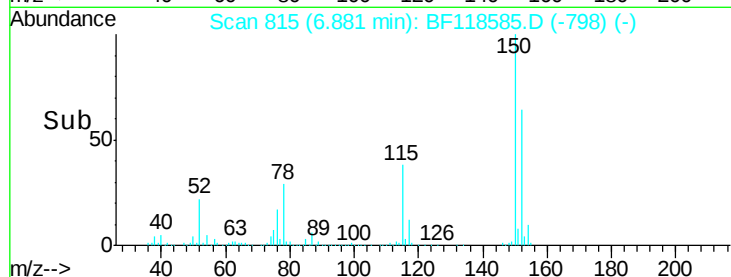
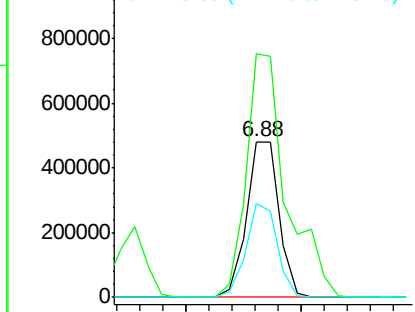
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 472026
Ion Ratio Lower Upper
152 100
150 156.6 125.6 188.4
115 60.2 48.4 72.6



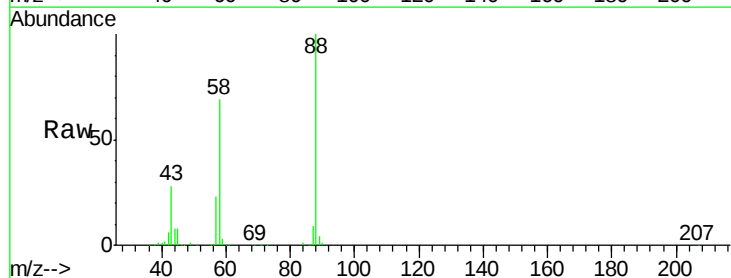
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



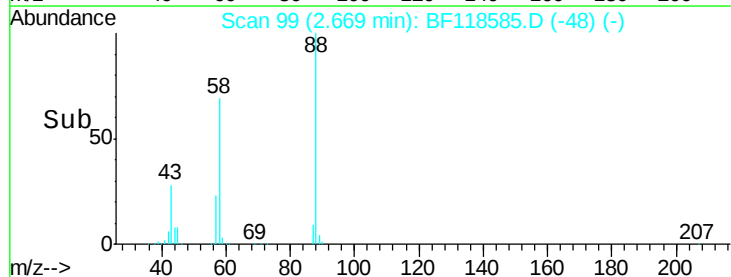
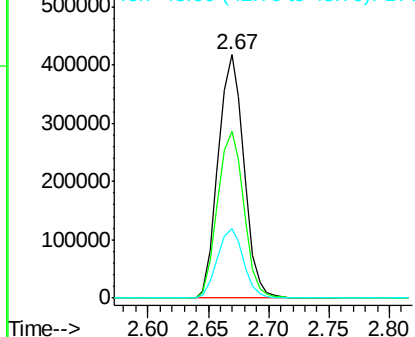
#2

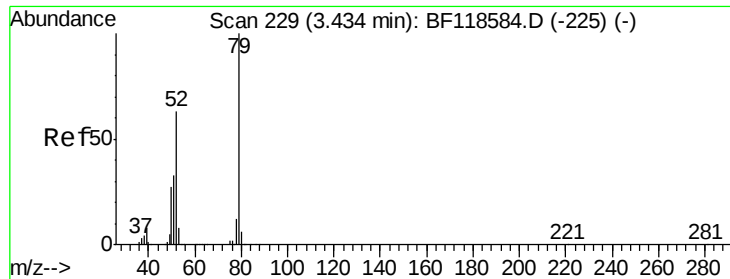
1,4-Dioxane
Concen: 50.143 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion: 88 Resp: 615499
Ion Ratio Lower Upper
88 100
58 69.7 56.1 84.1
43 28.8 23.0 34.6



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





#3

Pvridine

Concen: 51.724 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

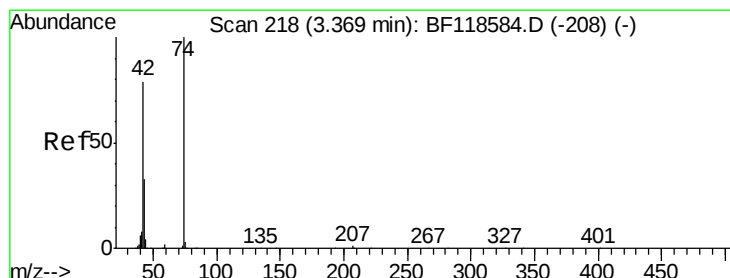
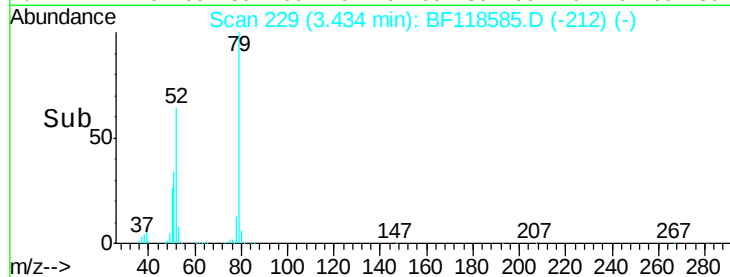
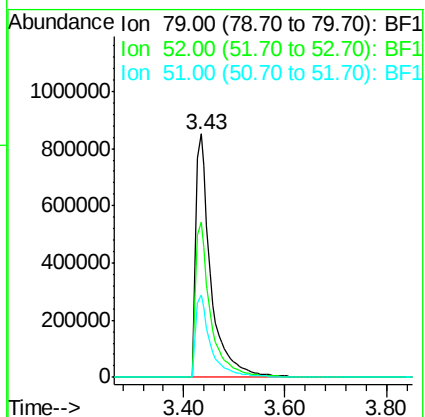
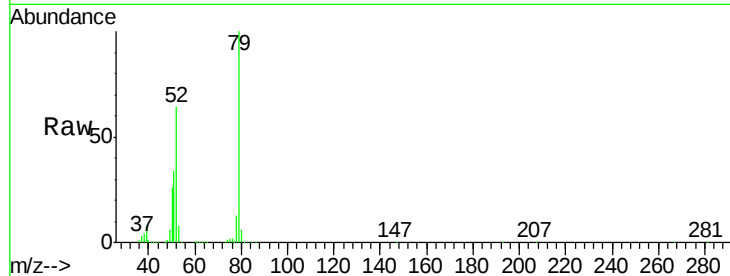
Tot Ion: 79 Resp: 1753471

Ion Ratio Lower Upper

79 100

52 63.7 50.7 76.1

51 34.0 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 48.615 ng

RT: 3.37 min Scan# 219

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

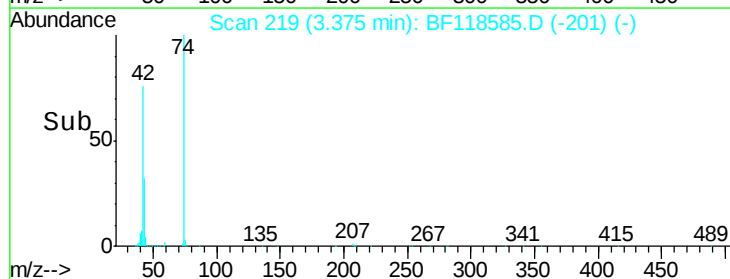
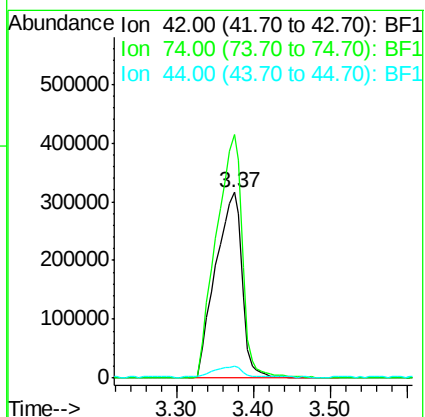
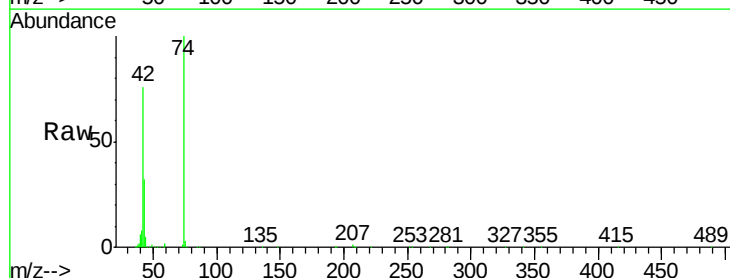
Tgt Ion: 42 Resp: 755915

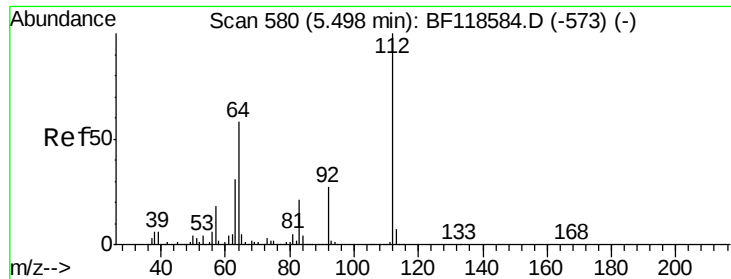
Ion Ratio Lower Upper

42 100

74 131.1 101.6 152.4

44 6.1 4.9 7.3





#5

2-Fluorophenol

Concen: 99.444 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

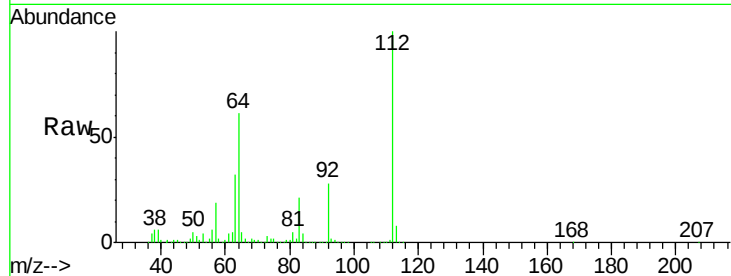
Tot Ion:112 Resp: 2540438

Ion Ratio Lower Upper

112 100

64 60.6 46.6 70.0

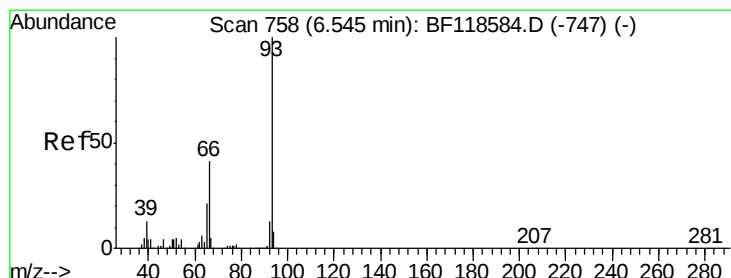
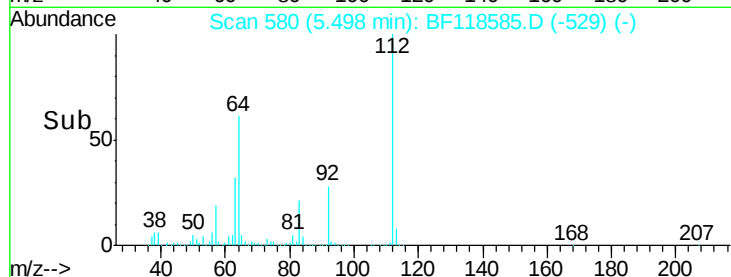
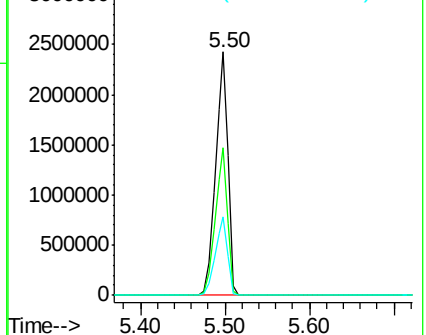
63 32.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 50.612 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

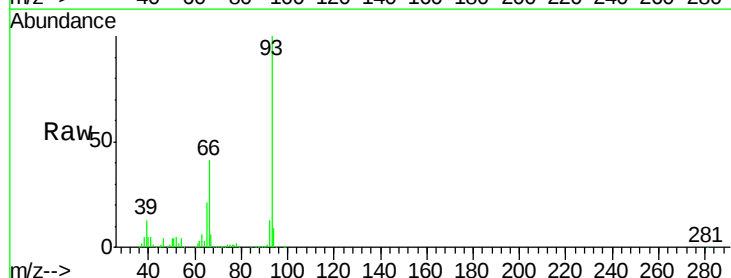
Tgt Ion: 93 Resp: 2217496

Ion Ratio Lower Upper

93 100

66 40.9 32.8 49.2

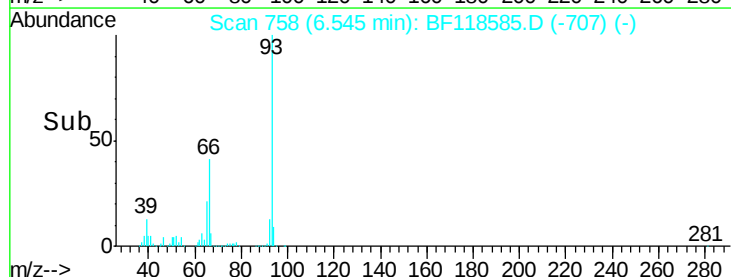
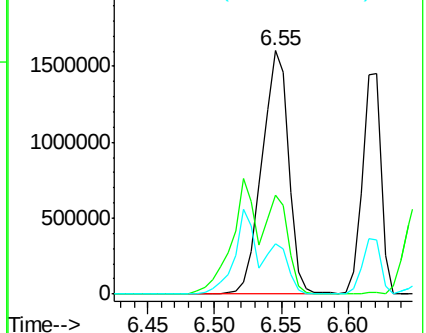
65 20.9 16.5 24.7

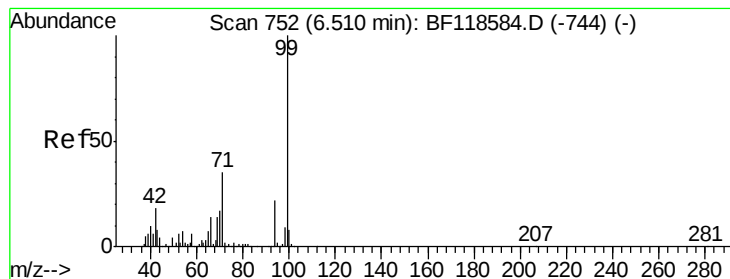


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.461 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

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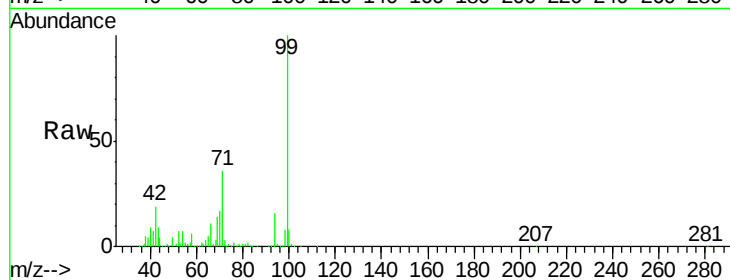
Tot Ion: 99 Resp: 3329296

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.2	21.2
71	36.1	27.8	41.6

99 100

42 18.9 14.2 21.2

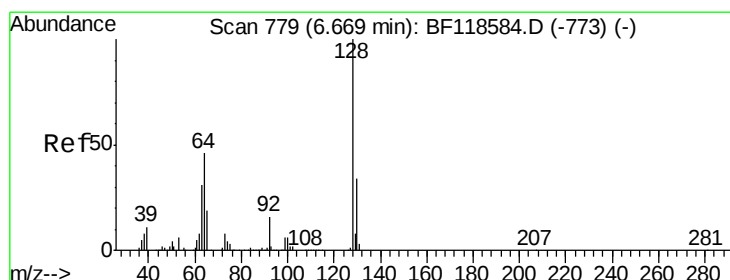
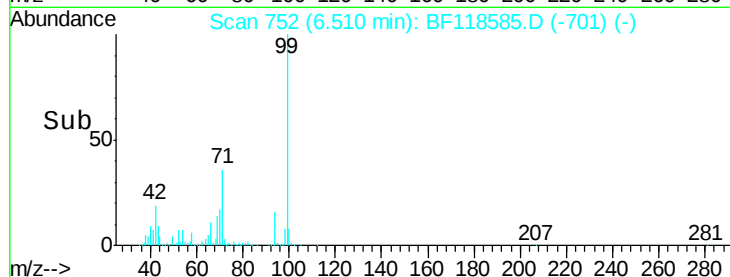
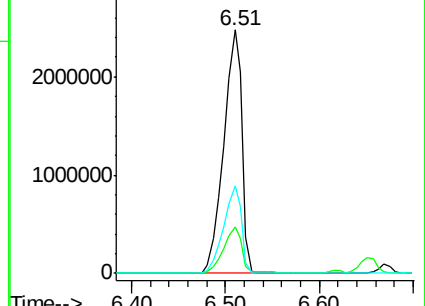
71 36.1 27.8 41.6



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: 49.754 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

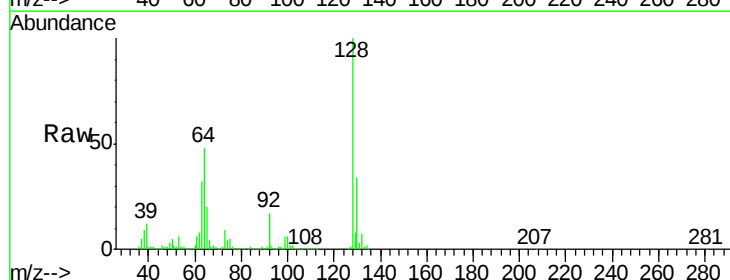
Tgt Ion:128 Resp: 1445564

Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.6	53.6
64	48.4	26.4	66.4

128 100

130 33.8 13.6 53.6

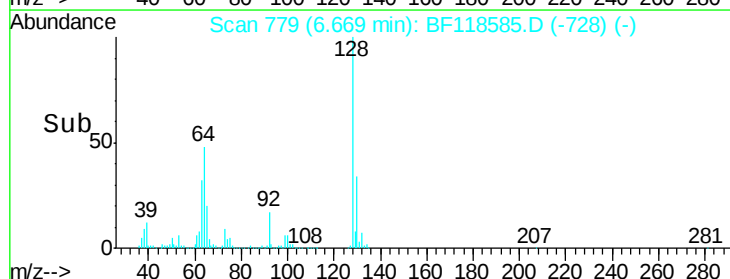
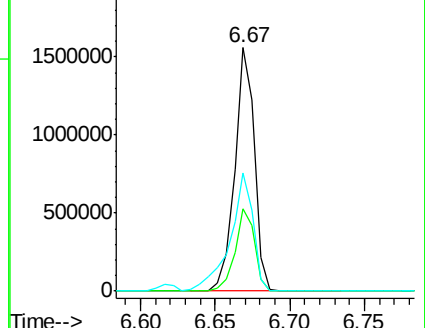
64 48.4 26.4 66.4

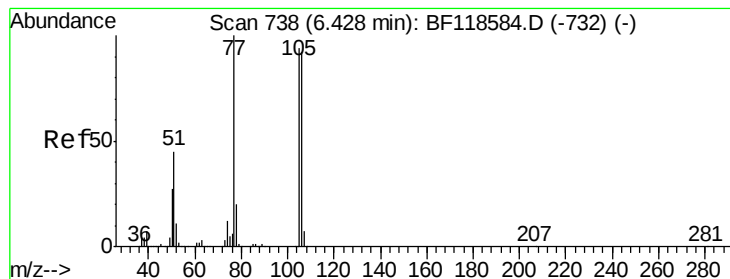


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 55.320 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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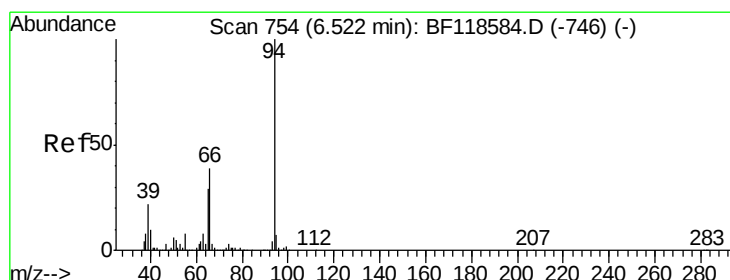
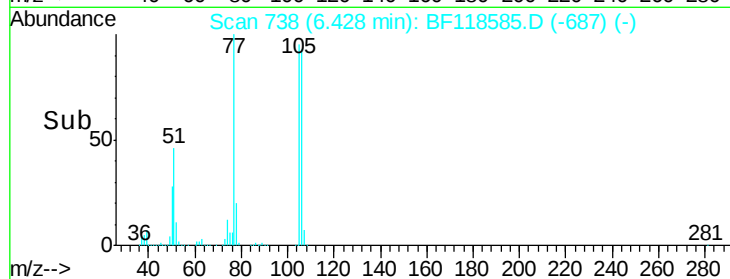
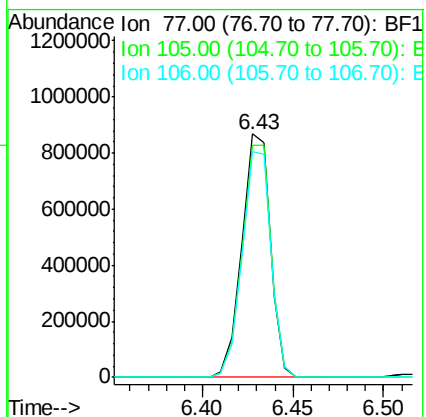
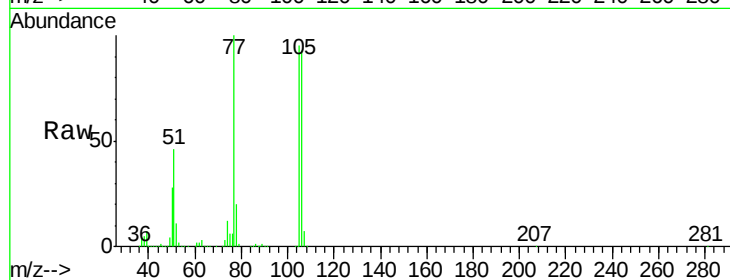
Tot Ion: 77 Resp: 947936

Ion Ratio Lower Upper

77 100

105 95.2 73.5 113.5

106 92.7 71.9 111.9



#10

Phenol

Concen: 51.902 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

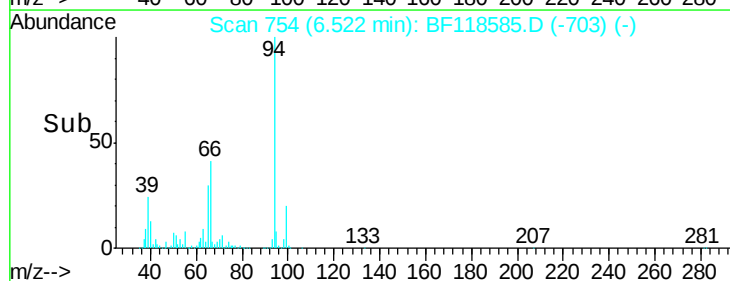
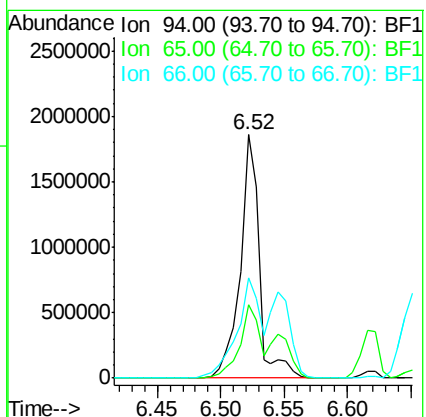
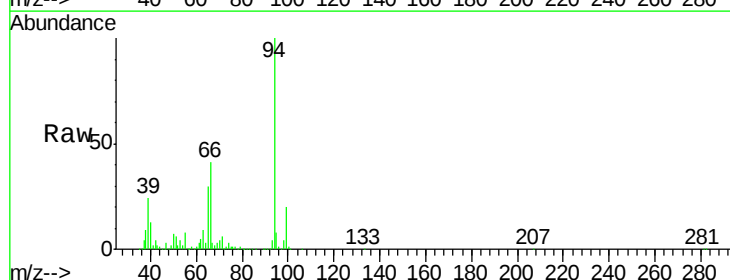
Tgt Ion: 94 Resp: 1906122

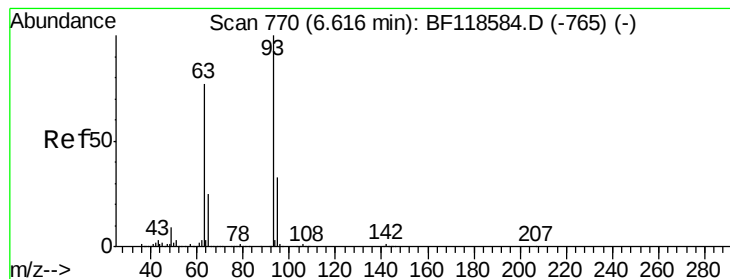
Ion Ratio Lower Upper

94 100

65 30.2 9.5 49.5

66 41.1 18.5 58.5





#11

bis(2-Chloroethyl)ether

Concen: 47.487 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

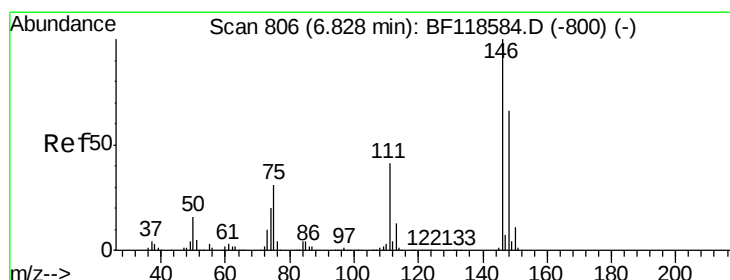
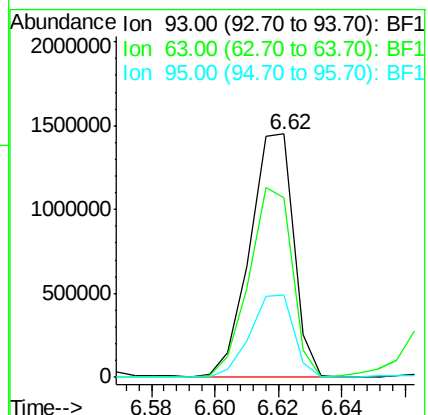
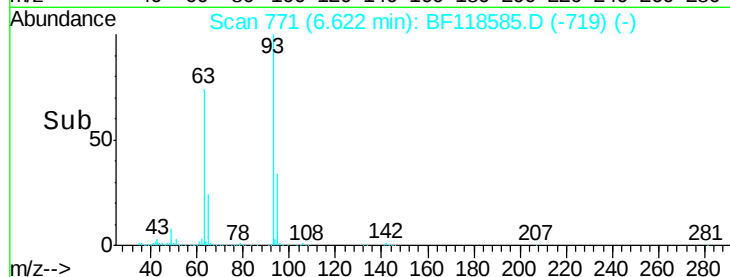
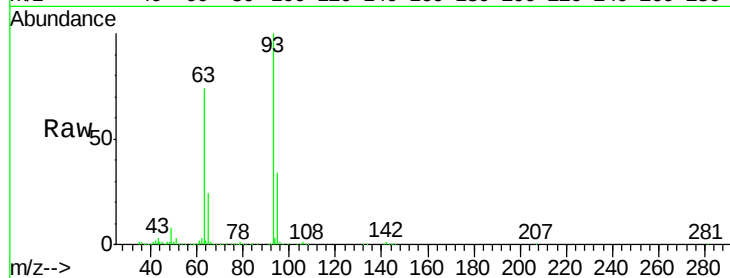
Tot Ion: 93 Resp: 1396821

Ion Ratio Lower Upper

93 100

63 73.9 56.3 96.3

95 33.9 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 48.731 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

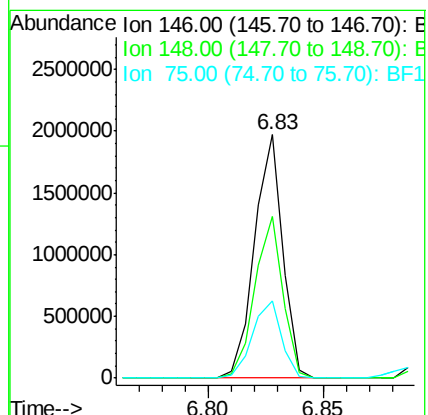
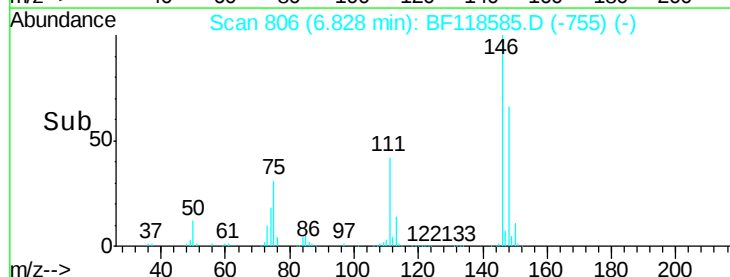
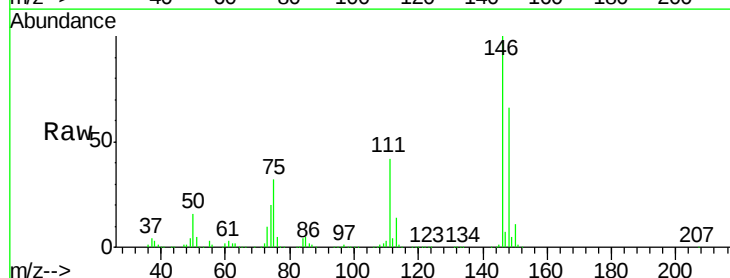
Tgt Ion: 146 Resp: 1683676

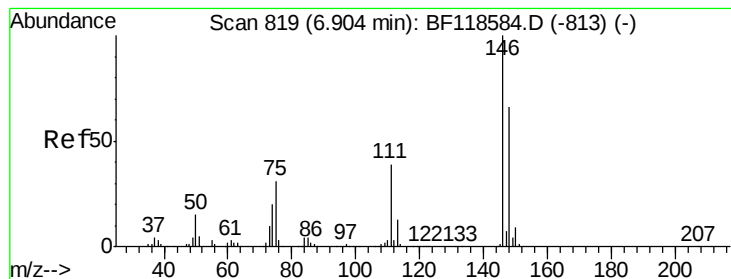
Ion Ratio Lower Upper

146 100

148 66.2 53.0 79.6

75 31.5 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 48.390 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampled :

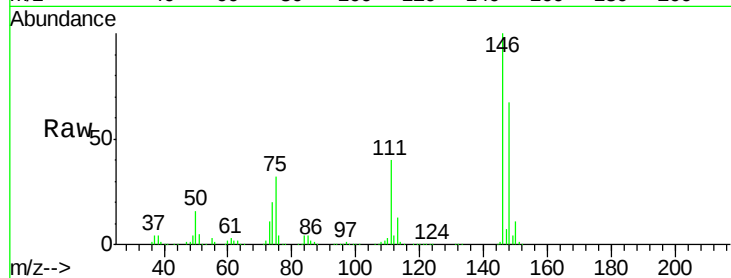
Tot Ion:146 Resp: 1679594

Ion Ratio Lower Upper

146 100

148 66.8 52.4 78.6

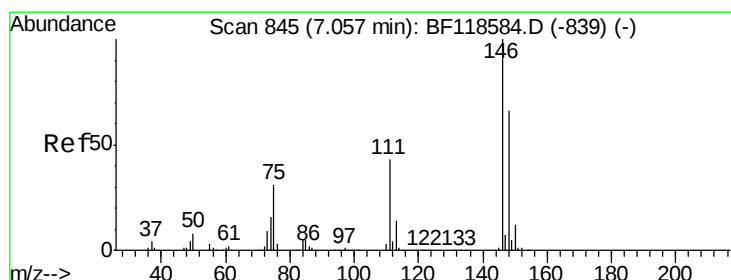
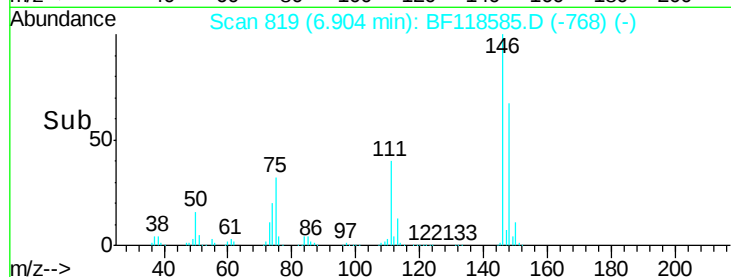
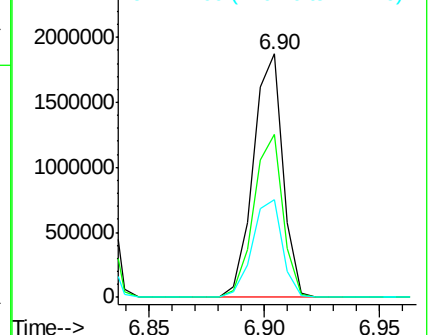
111 40.2 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.206 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

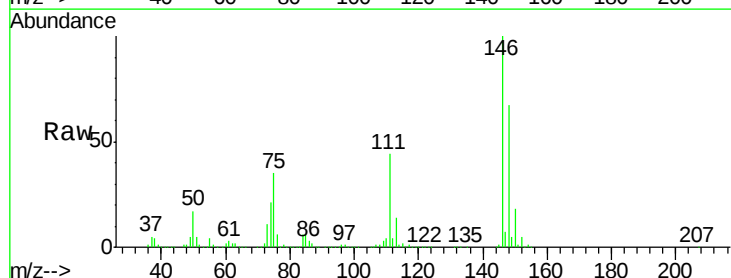
Tgt Ion:146 Resp: 1597959

Ion Ratio Lower Upper

146 100

148 66.5 52.7 79.1

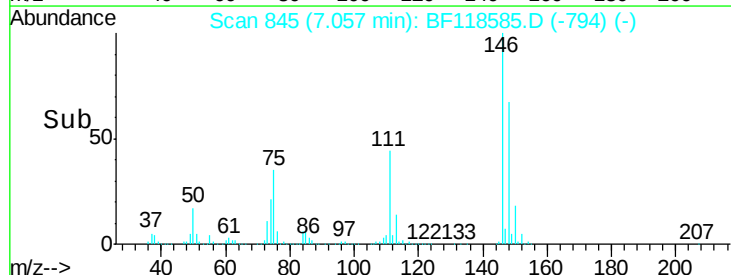
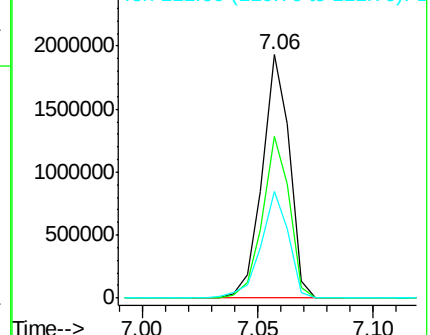
111 43.9 34.6 52.0

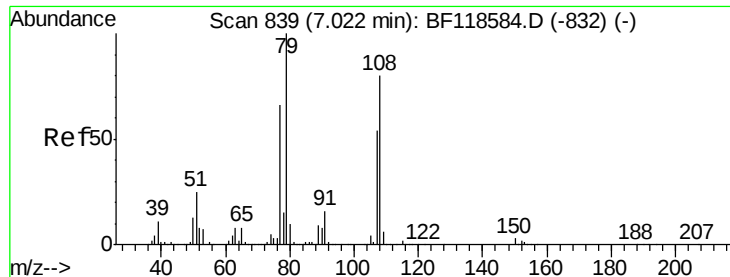


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.590 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :
BNA_F
ClientSampleId :

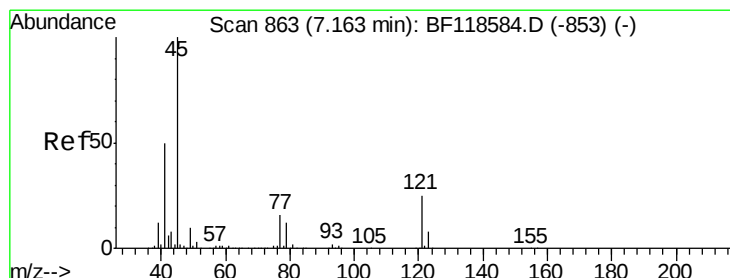
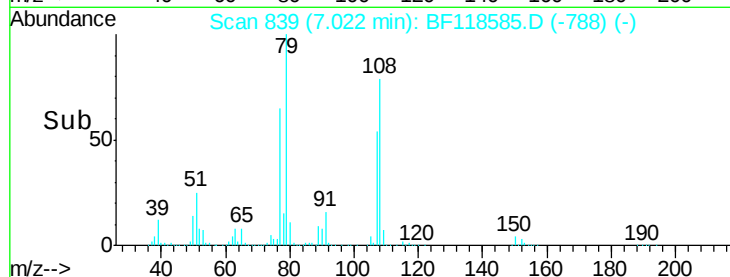
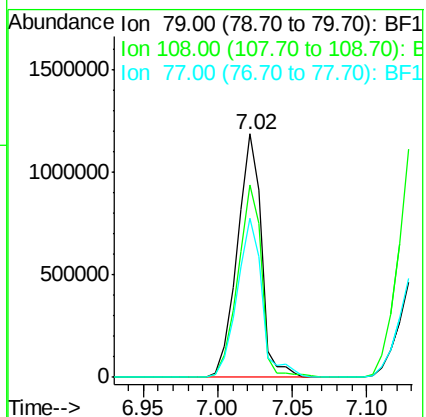
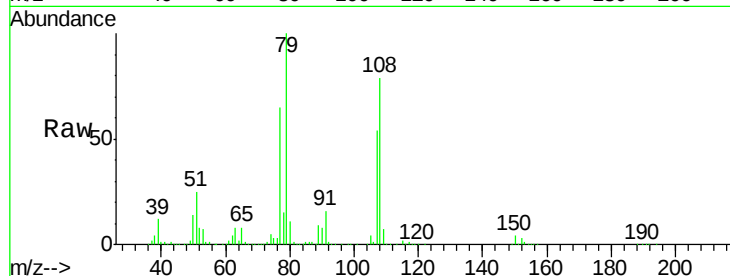
Tot Ion: 79 Resp: 1334812

Ion Ratio Lower Upper

79 100

108 79.0 63.6 95.4

77 65.4 52.5 78.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.406 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

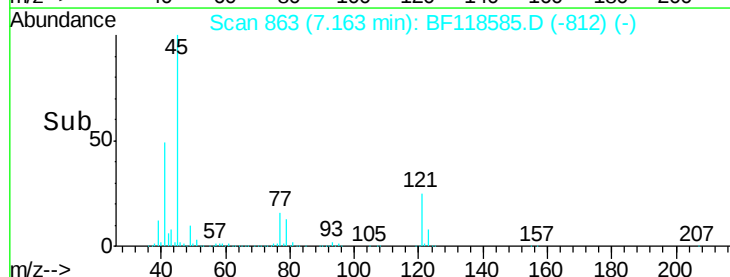
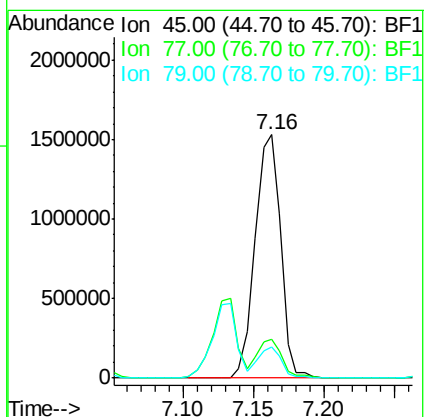
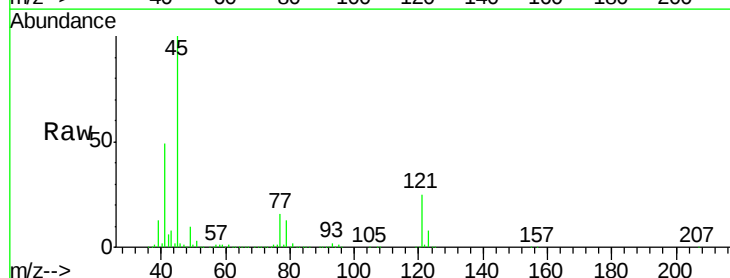
Tgt Ion: 45 Resp: 1959306

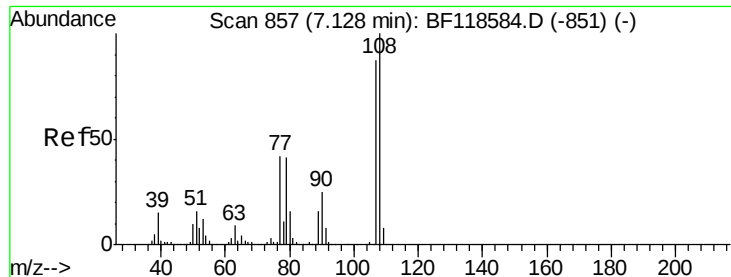
Ion Ratio Lower Upper

45 100

77 16.2 0.0 36.1

79 12.8 0.0 32.4





#17

2-Methylphenol

Concen: 48.686 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1200682

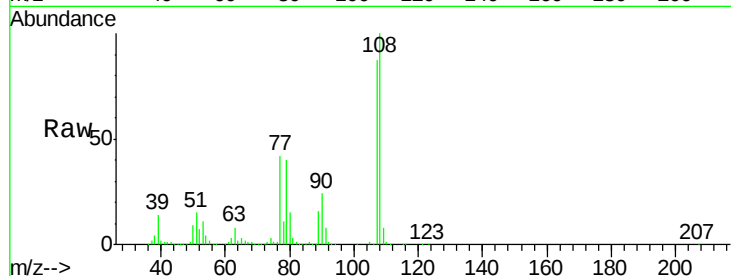
Ion Ratio Lower Upper

107 100

108 114.8 91.5 137.3

77 48.2 38.7 58.1

79 45.6 37.7 56.5

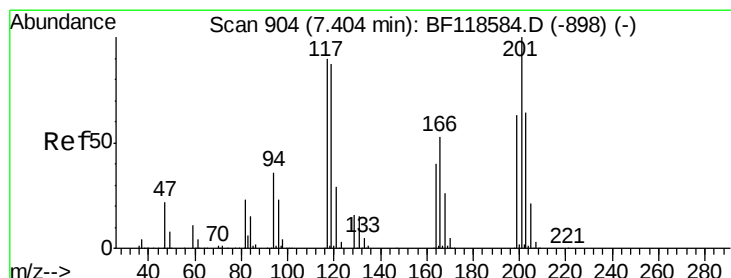
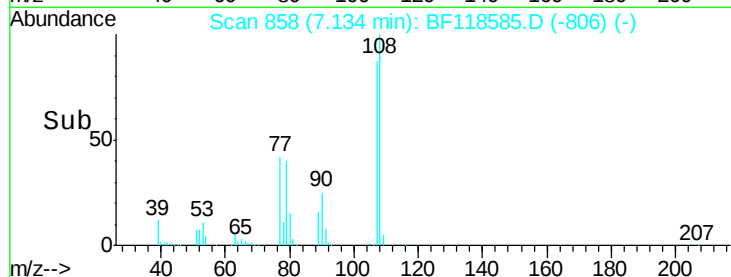
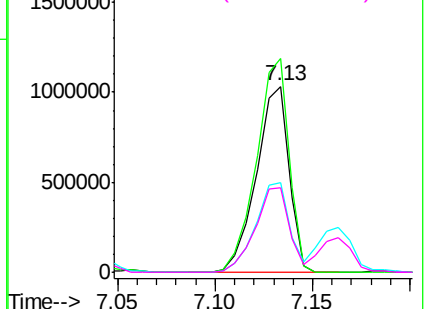


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.623 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

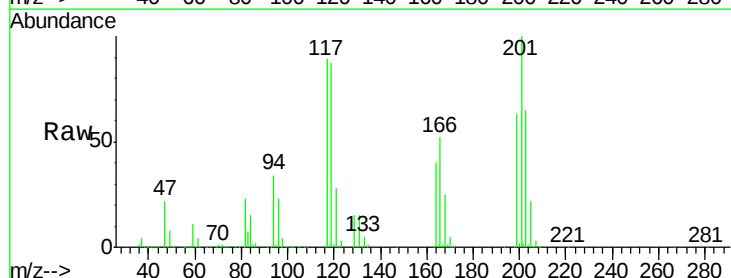
Tgt Ion:117 Resp: 615029

Ion Ratio Lower Upper

117 100

119 97.7 77.6 116.4

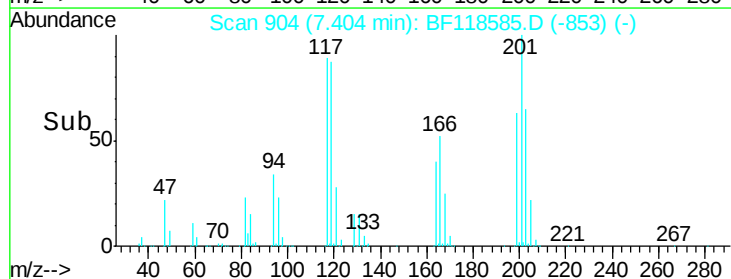
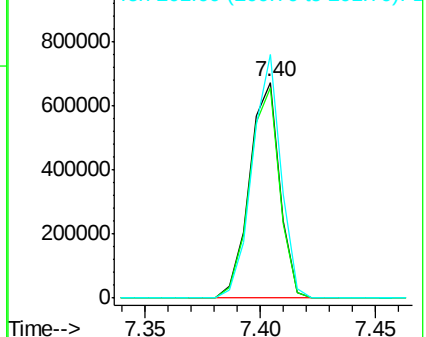
201 112.8 88.8 133.2

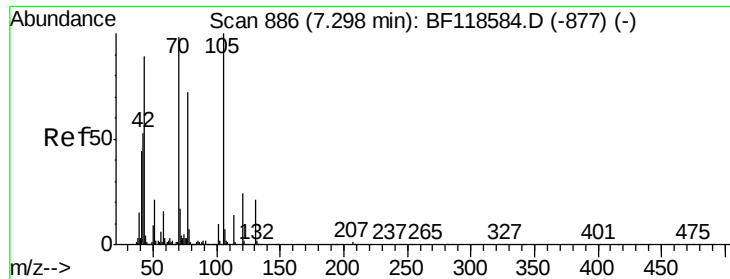


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

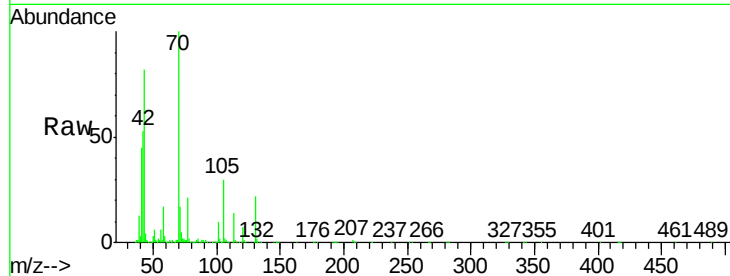




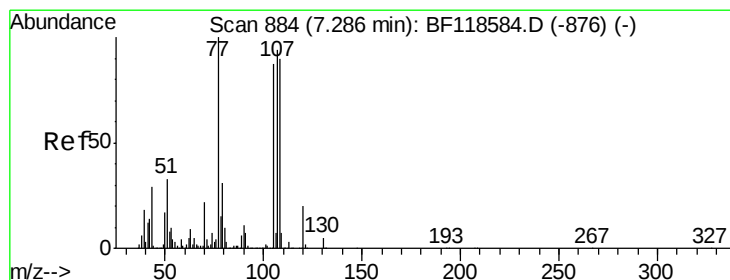
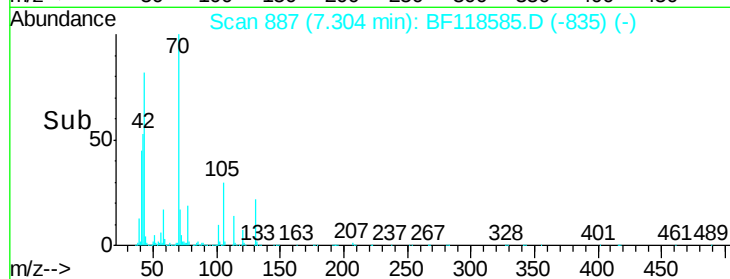
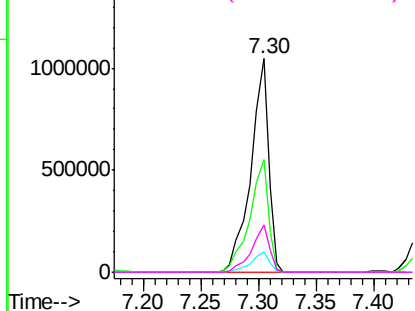
#19
n-Nitroso-di-n-propylamine
Concen: 46.698 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1120967
Ion Ratio Lower Upper
70 100
42 53.0 43.4 65.0
101 9.8 8.1 12.1
130 22.4 17.6 26.4

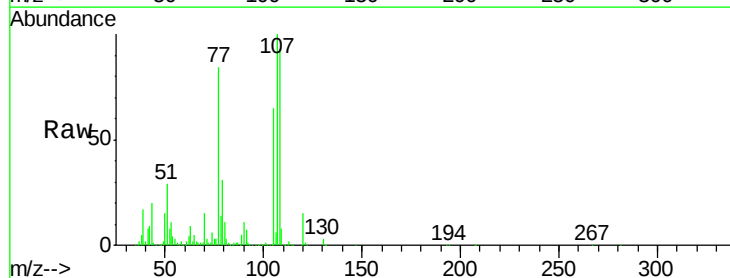


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

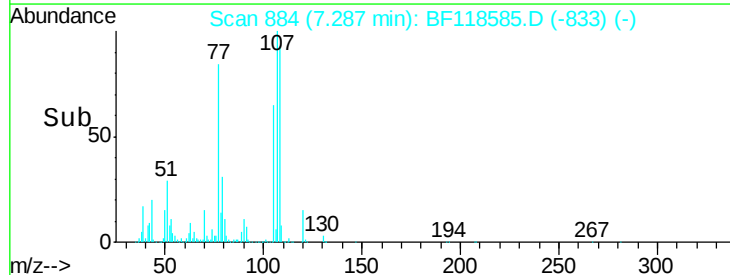
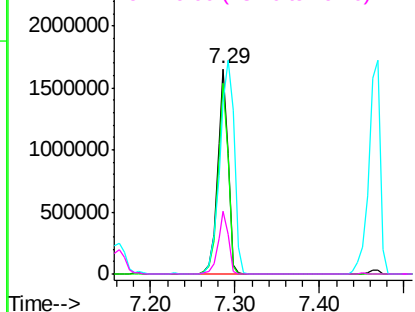


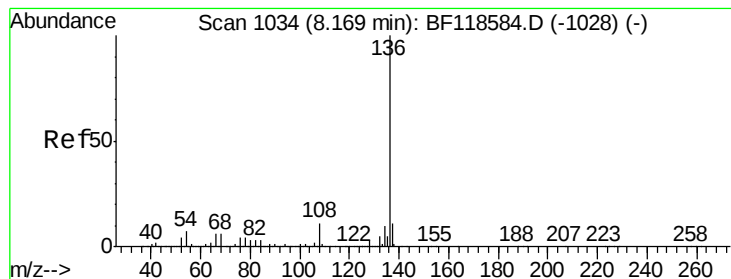
#20
3+4-Methylphenols
Concen: 50.236 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion:107 Resp: 1481519
Ion Ratio Lower Upper
107 100
108 92.9 75.8 115.8
77 83.9 86.5 126.5#
79 30.8 12.9 52.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1698080

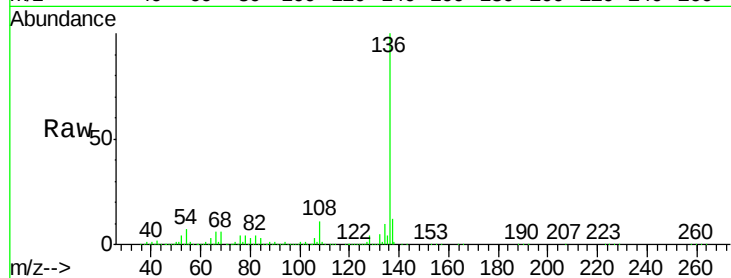
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.4 5.8 8.6

68 6.1 5.0 7.4

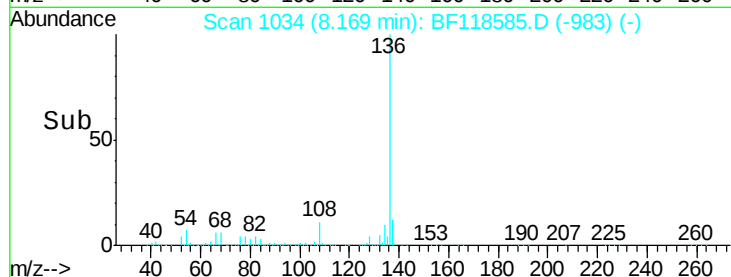


Abundance Ion 136.00 (135.70 to 136.70): E

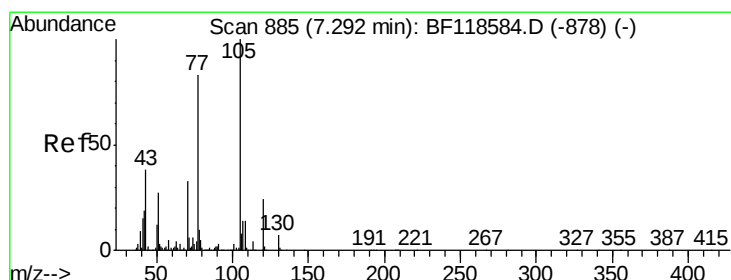
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 49.717 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Tgt Ion:105 Resp: 2048715

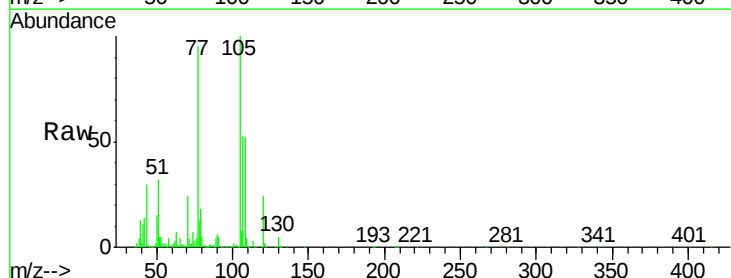
Ion Ratio Lower Upper

105 100

71 4.0 4.5 6.7#

51 31.9 21.5 32.3

120 23.8 19.0 28.6

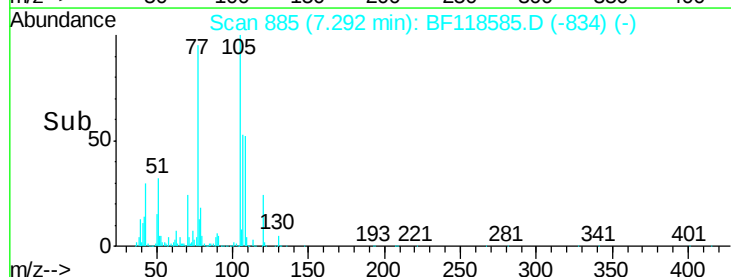


Abundance Ion 105.00 (104.70 to 105.70): E

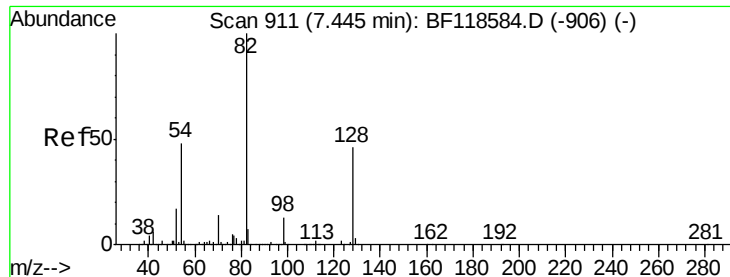
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 112.414 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

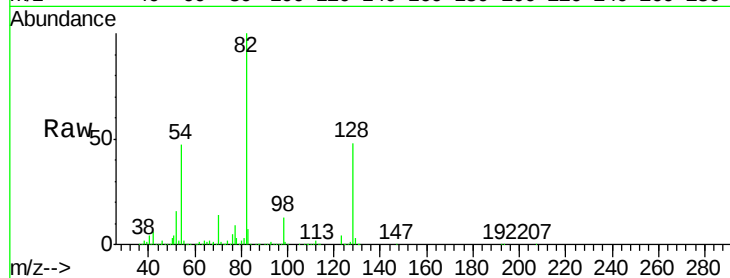
Tot Ion: 82 Resp: 3090706

Ion Ratio Lower Upper

82 100

128 48.2 36.6 54.8

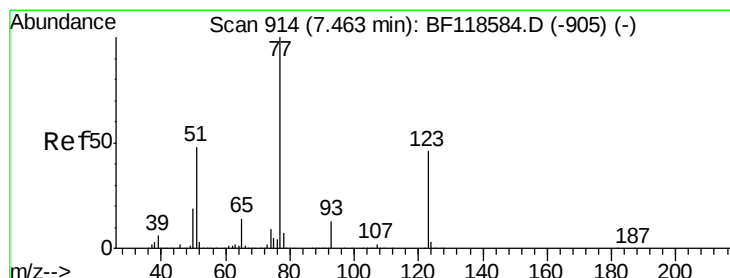
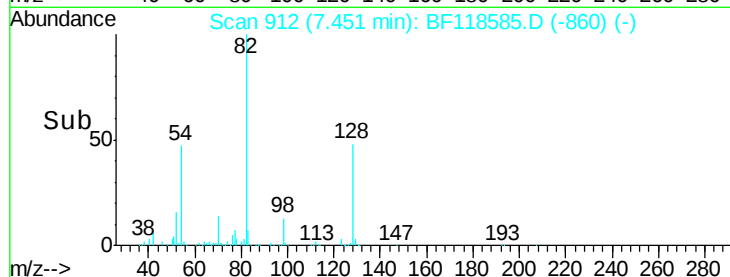
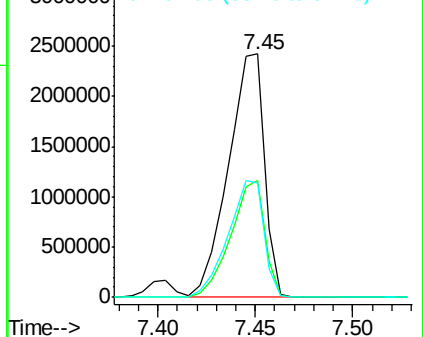
54 47.0 38.0 57.0



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: 54.125 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

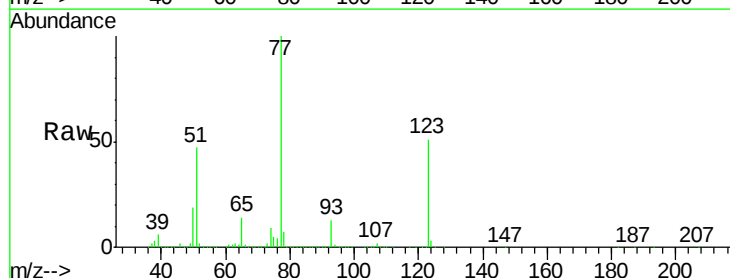
Tgt Ion: 77 Resp: 1582542

Ion Ratio Lower Upper

77 100

123 50.7 37.0 55.4

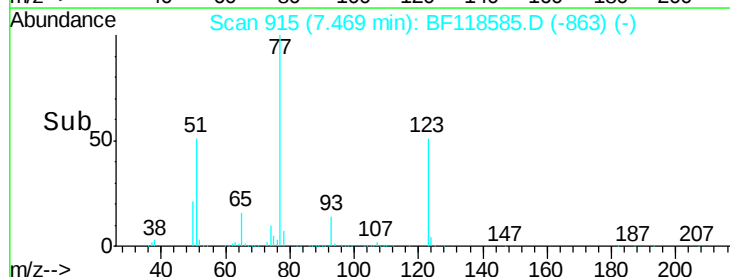
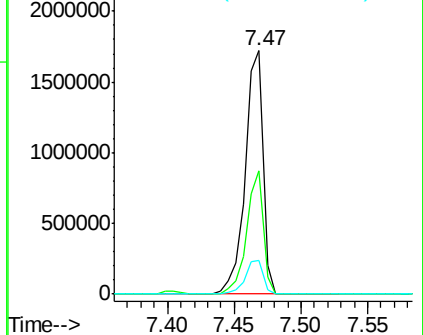
65 13.8 11.1 16.7

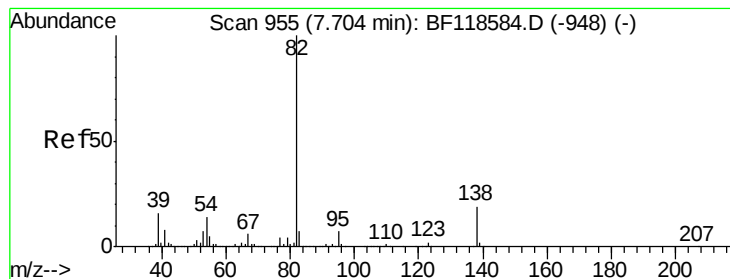


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.718 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

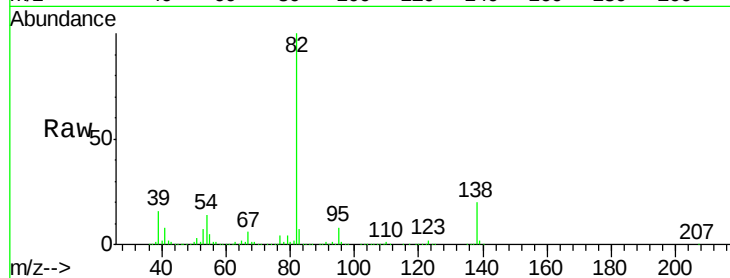
Tot Ion: 82 Resp: 2787711

Ion Ratio Lower Upper

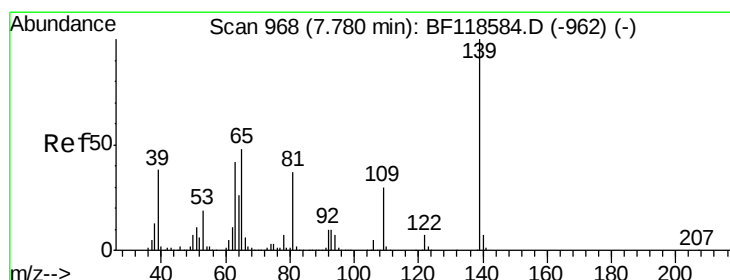
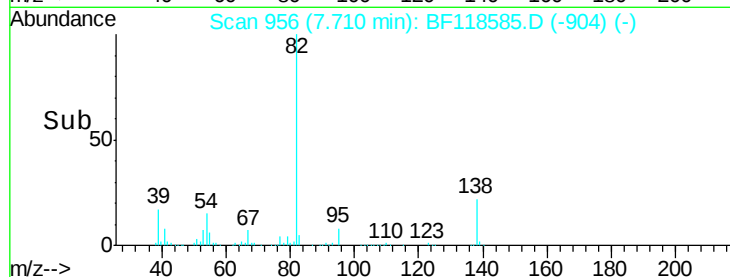
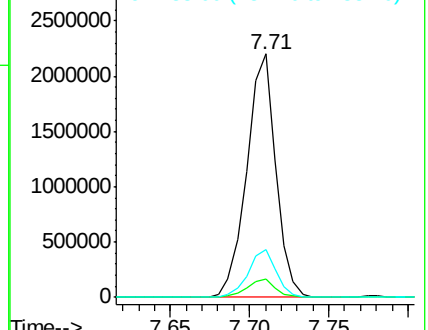
82 100

95 7.6 5.9 8.9

138 19.9 15.3 22.9



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: 60.146 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

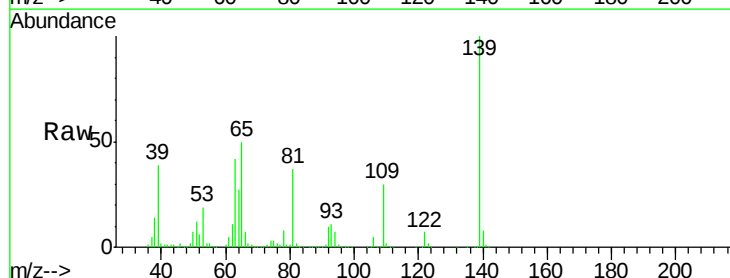
Tgt Ion: 139 Resp: 694825

Ion Ratio Lower Upper

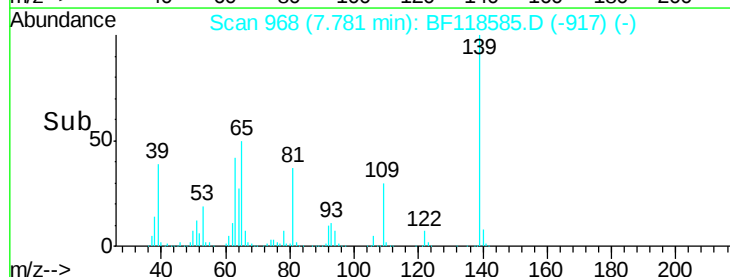
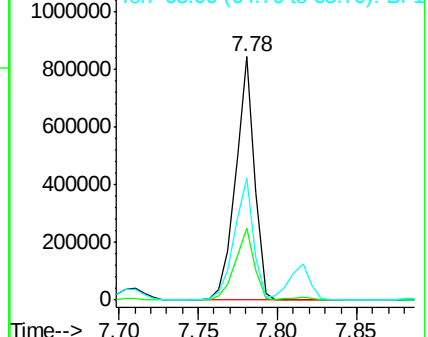
139 100

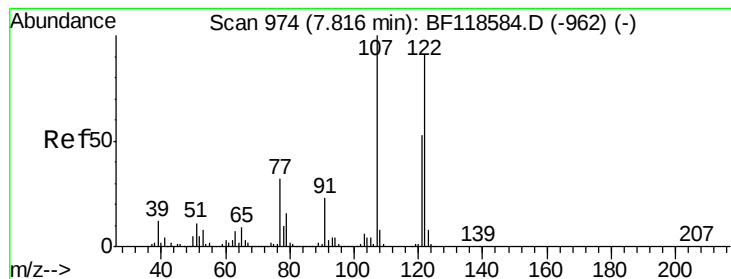
109 29.6 23.8 35.8

65 50.0 38.5 57.7



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





#27

2,4-Dimethylphenol

Concen: 49.356 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

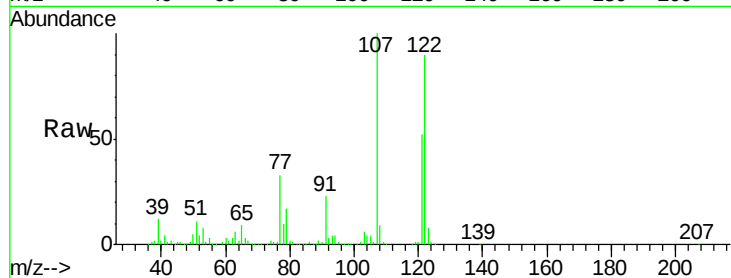
Tot Ion:122 Resp: 1171300

Ion Ratio Lower Upper

122 100

107 111.5 88.0 132.0

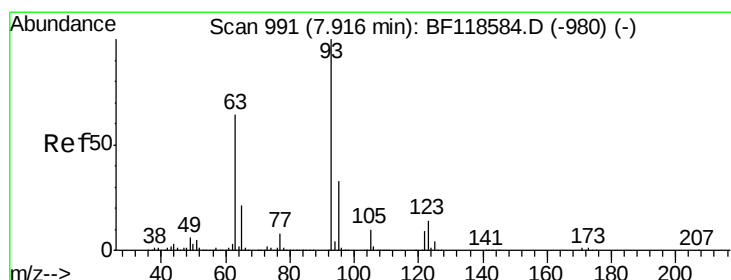
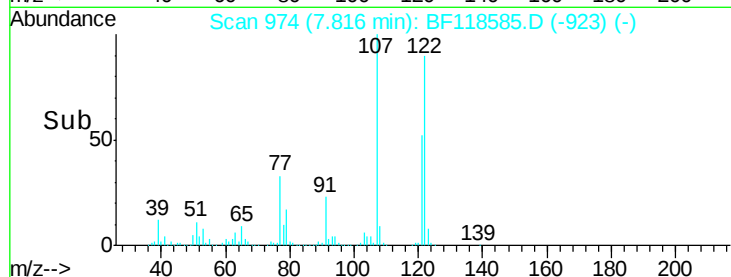
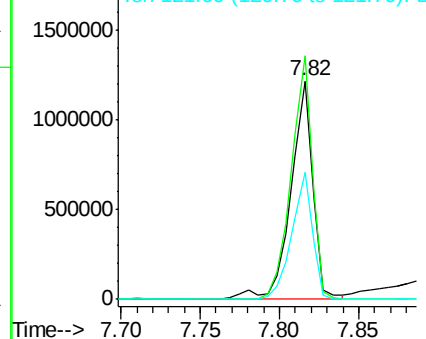
121 58.2 46.3 69.5



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: 46.627 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

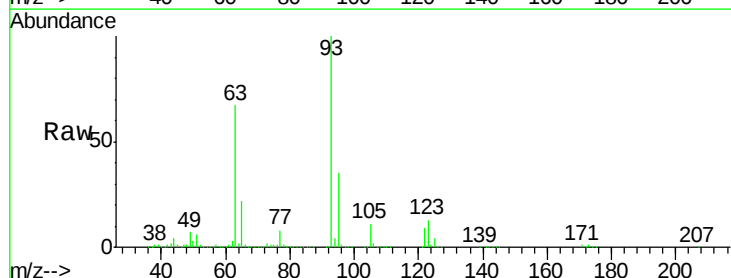
Tgt Ion: 93 Resp: 1787641

Ion Ratio Lower Upper

93 100

95 35.0 26.7 40.1

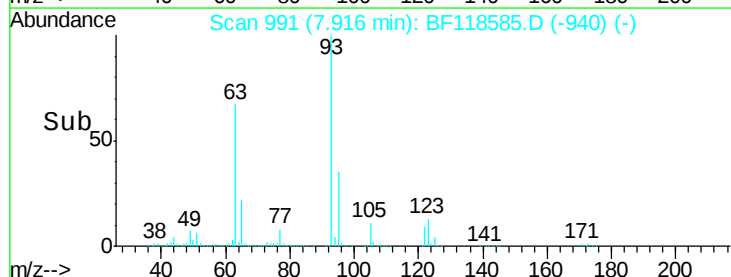
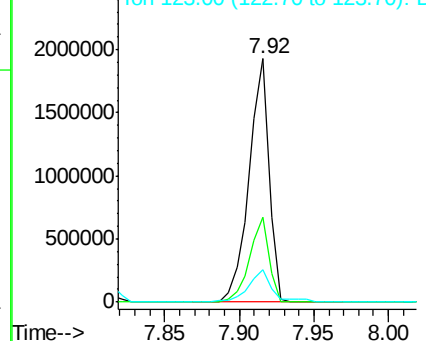
123 13.5 11.0 16.6

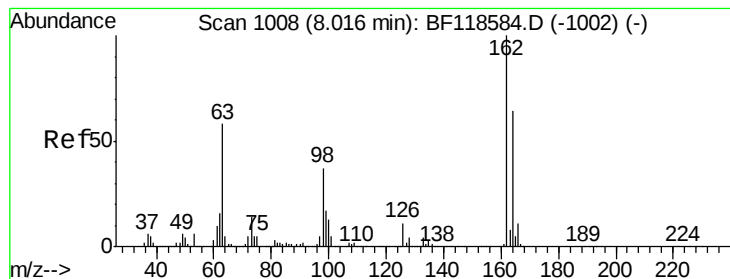


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.713 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

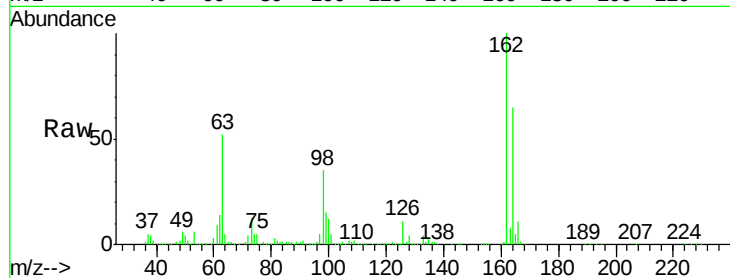
Tot Ion:162 Resp: 1298596

Ion Ratio Lower Upper

162 100

164 65.1 44.3 84.3

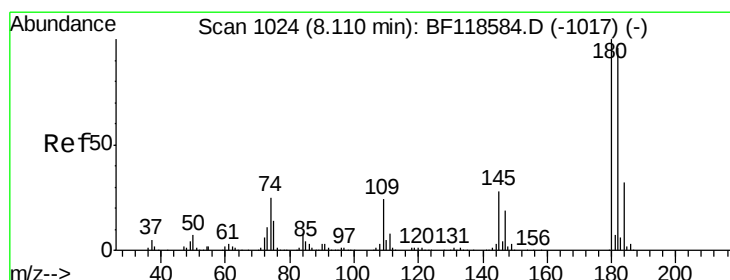
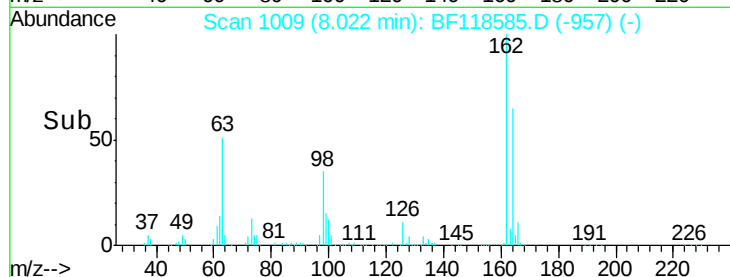
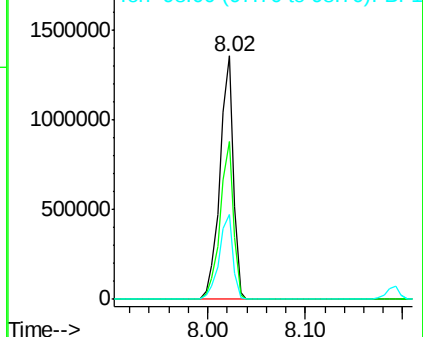
98 35.0 17.5 57.5



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: 49.137 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

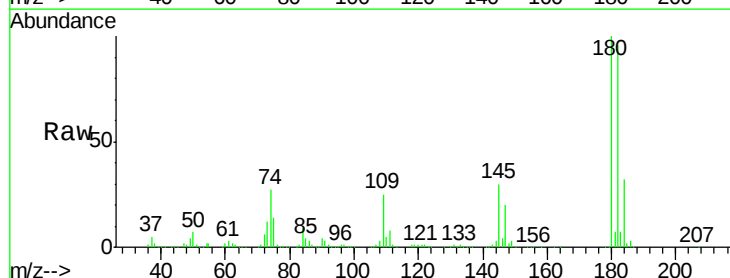
Tgt Ion:180 Resp: 1495844

Ion Ratio Lower Upper

180 100

182 95.9 76.9 115.3

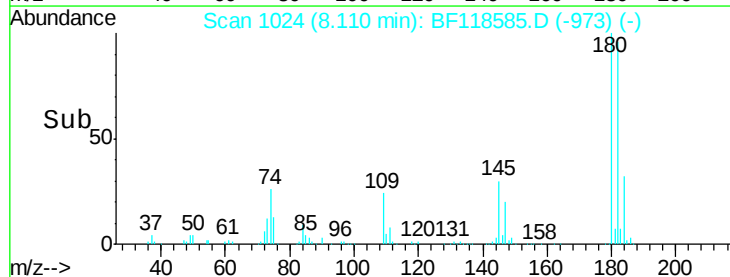
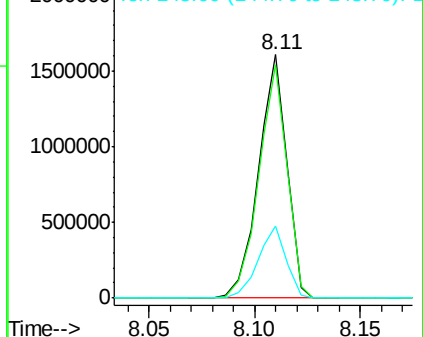
145 29.8 22.8 34.2

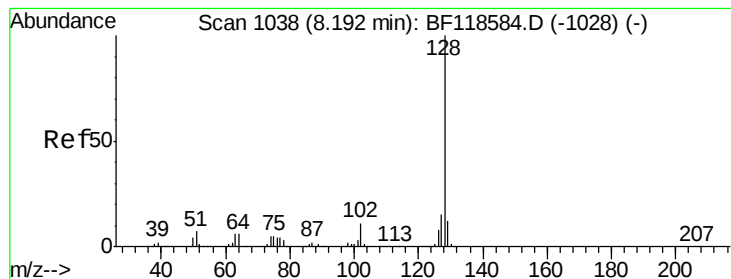


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.180 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

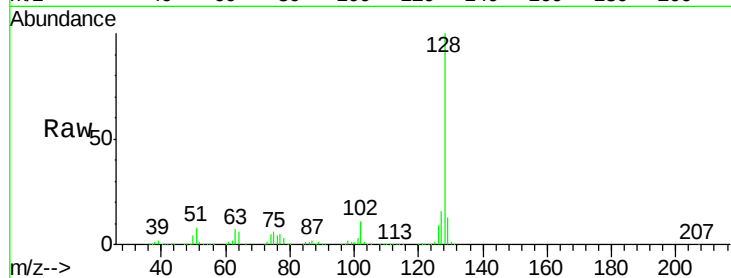
Tot Ion:128 Resp: 3858313

Ion Ratio Lower Upper

128 100

129 13.4 9.9 14.9

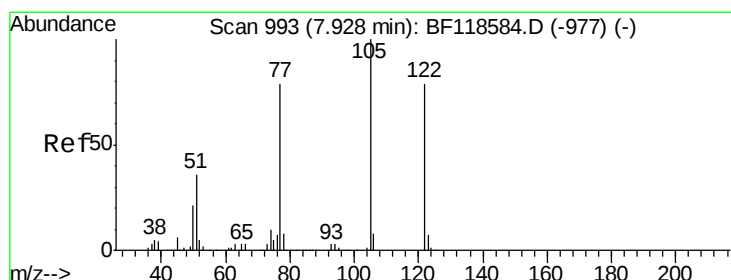
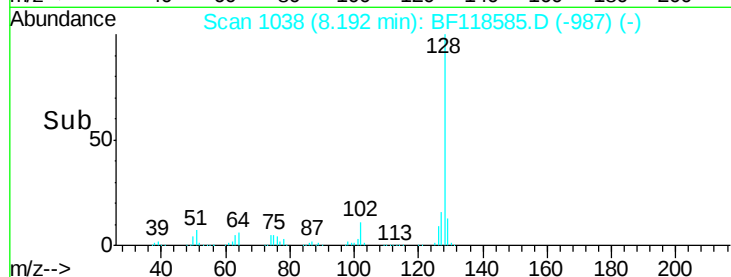
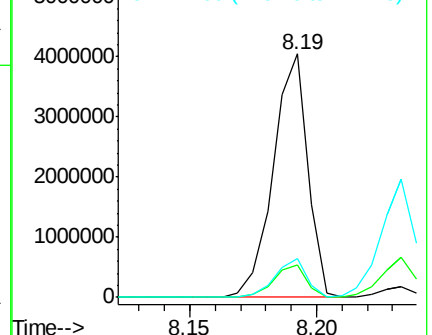
127 16.0 12.0 18.0



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: 62.679 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

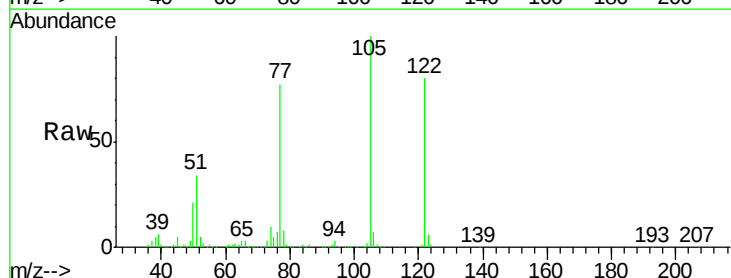
Tgt Ion:122 Resp: 913872

Ion Ratio Lower Upper

122 100

105 125.5 104.3 144.3

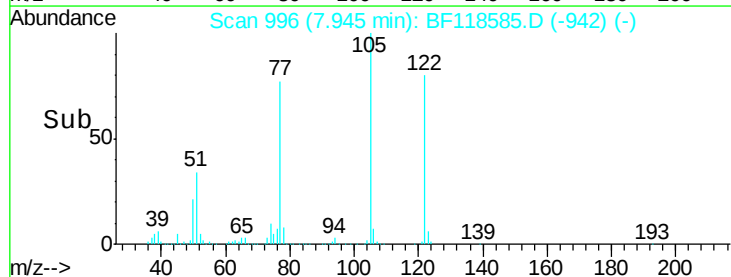
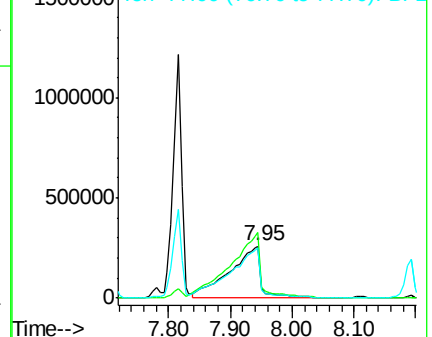
77 96.7 79.4 119.4

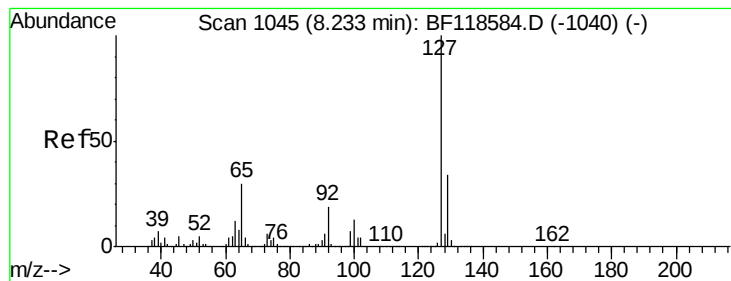


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 49.014 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 1823762

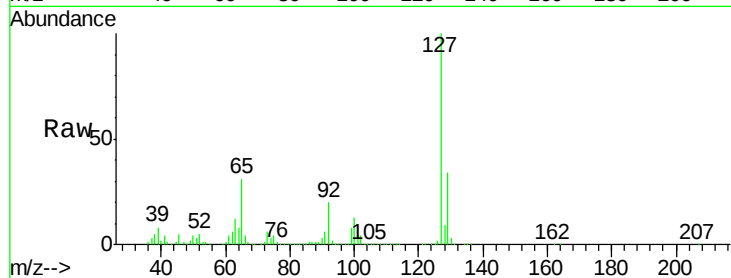
Ion Ratio Lower Upper

127 100

129 34.1 27.4 41.0

65 31.3 23.6 35.4

92 19.6 15.0 22.4

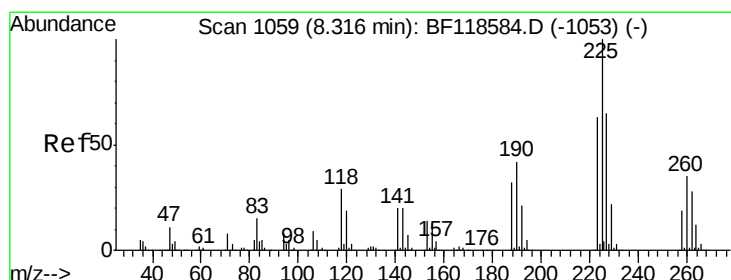
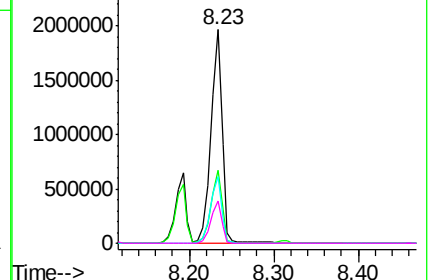
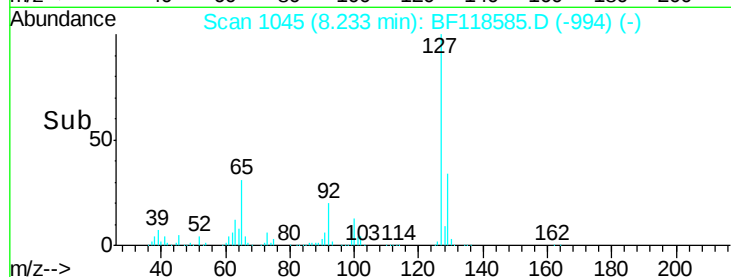


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 48.054 ng

RT: 8.32 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

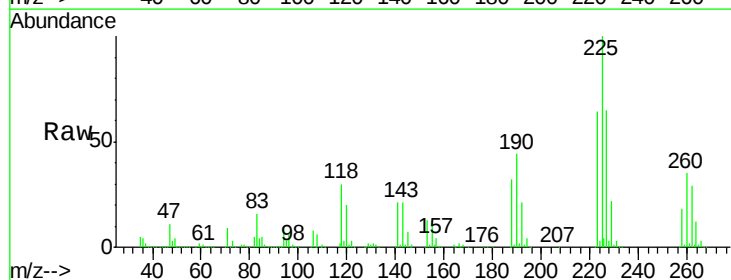
Tgt Ion:225 Resp: 912450

Ion Ratio Lower Upper

225 100

223 64.0 50.2 75.4

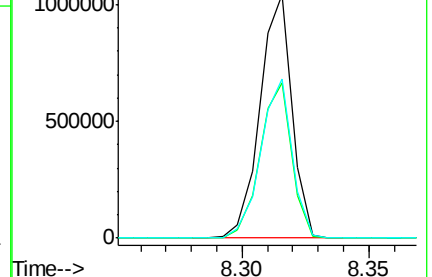
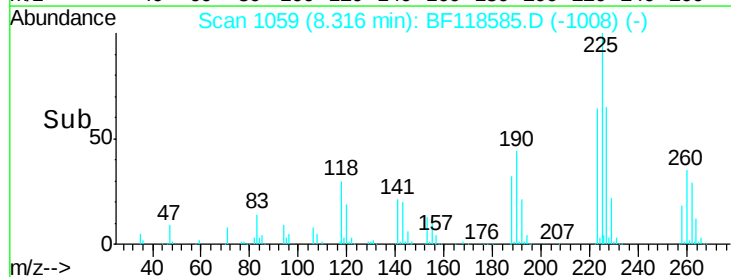
227 65.2 52.1 78.1

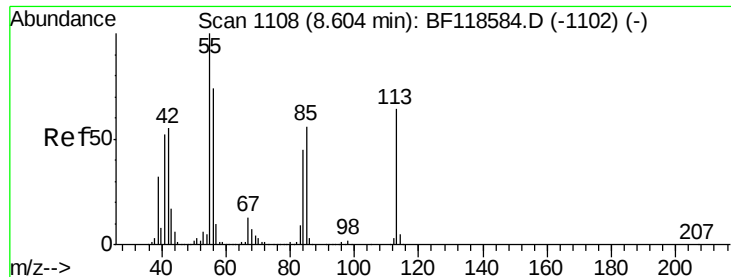


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.402 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

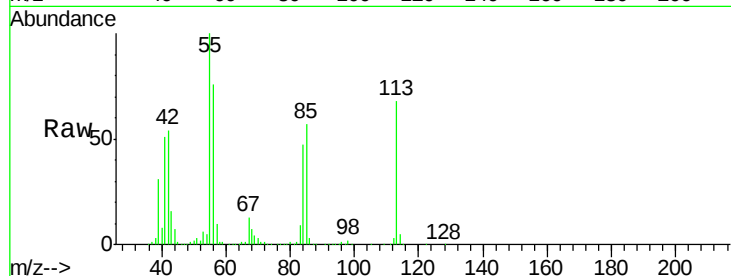
Tot Ion:113 Resp: 409587

Ion Ratio Lower Upper

113 100

55 148.0 136.1 176.1

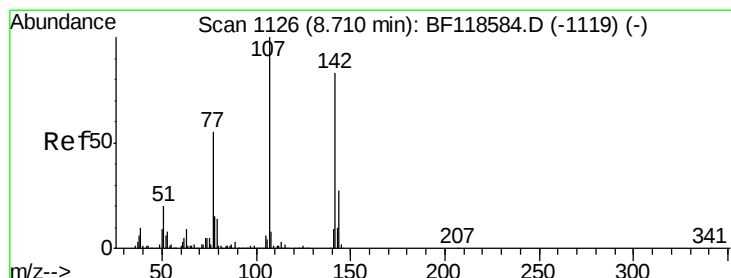
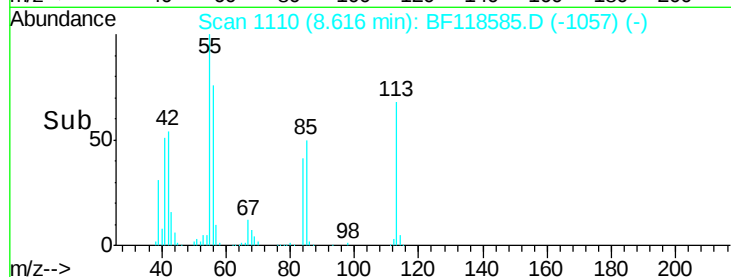
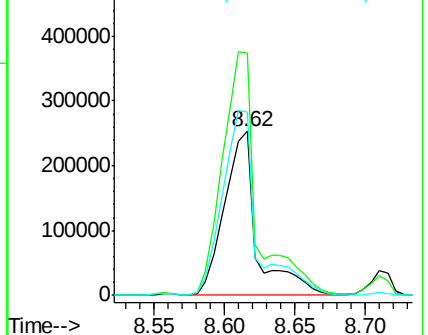
56 111.9 95.2 135.2



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: 49.119 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

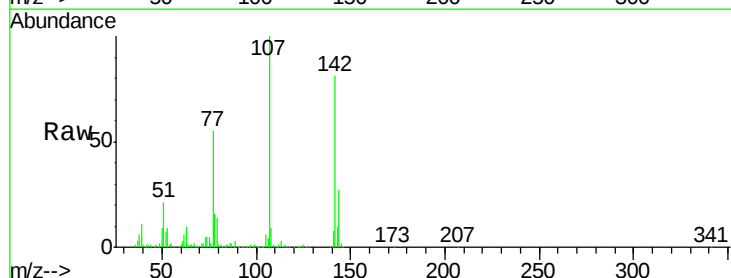
Tgt Ion:107 Resp: 1271952

Ion Ratio Lower Upper

107 100

144 27.4 21.8 32.8

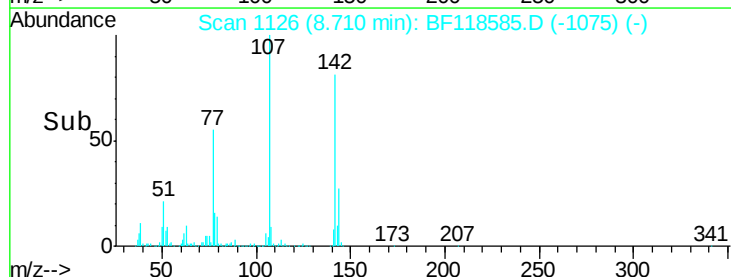
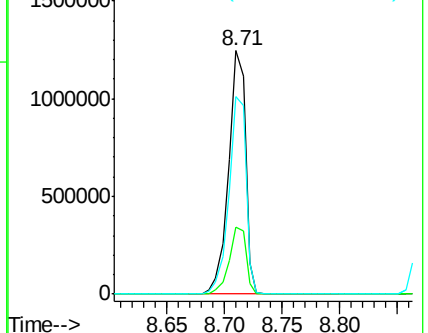
142 81.1 66.5 99.7

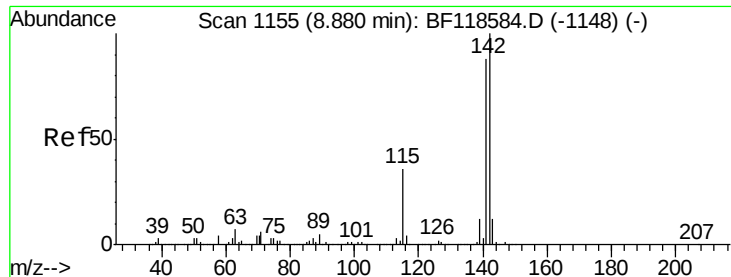


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

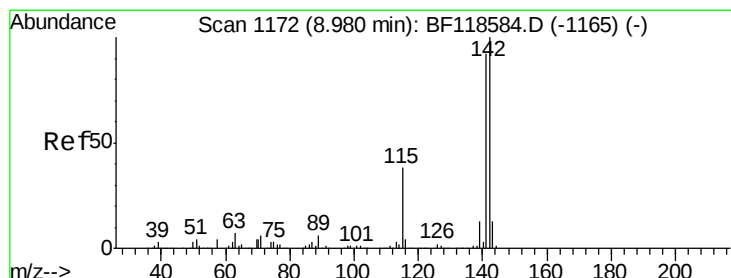
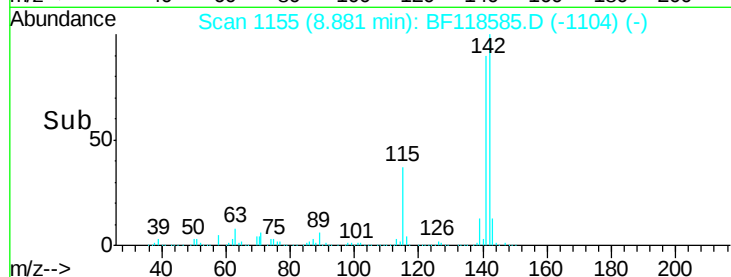
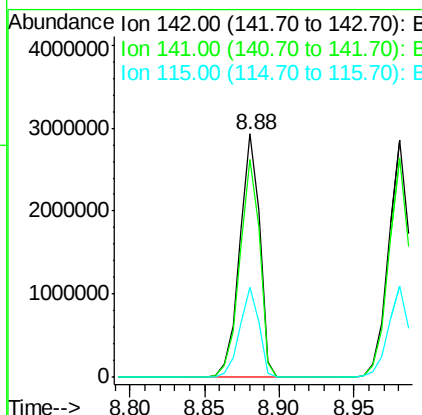
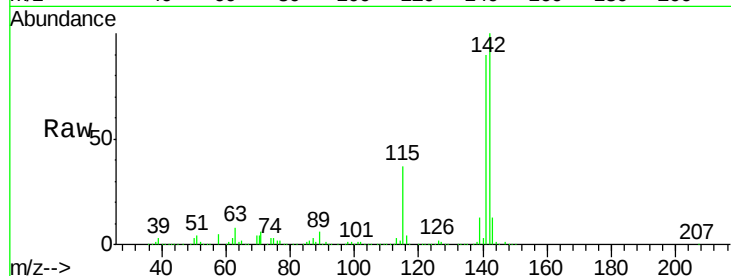




#37
 2-Methylnaphthalene
 Concen: 48.074 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

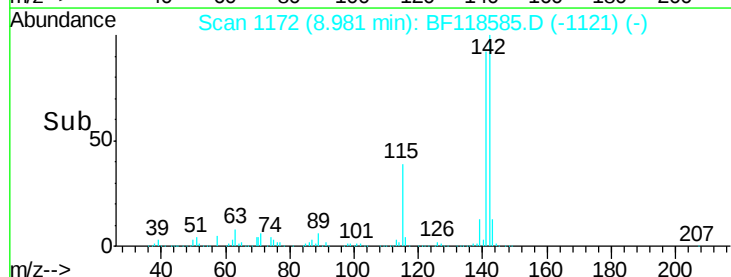
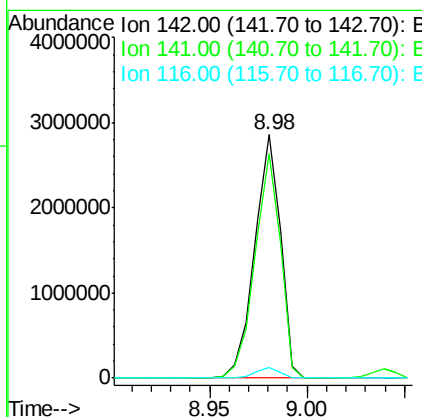
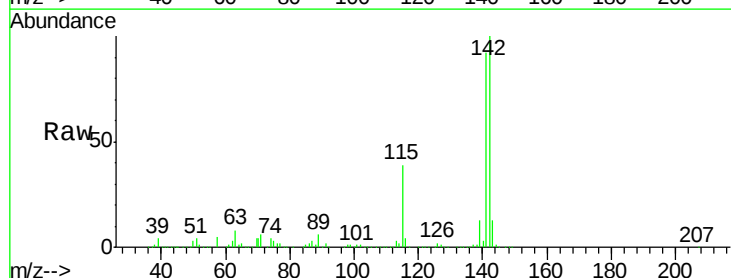
Instrument :
 BNA_F
 ClientSampleId :

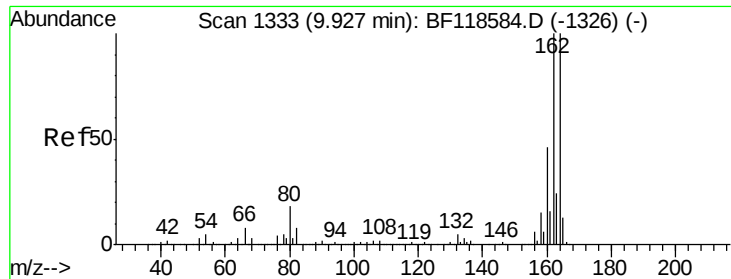
Tot Ion:142 Resp: 2727456
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.7 106.1
 115 37.2 28.5 42.7



#38
 1-Methylnaphthalene
 Concen: 48.691 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

Tgt Ion:142 Resp: 2613408
 Ion Ratio Lower Upper
 142 100
 141 92.2 73.4 110.2
 116 4.2 3.3 4.9

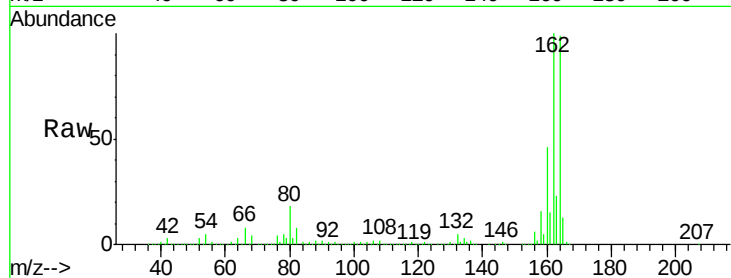




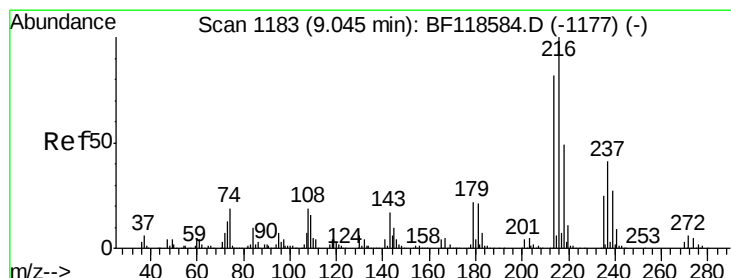
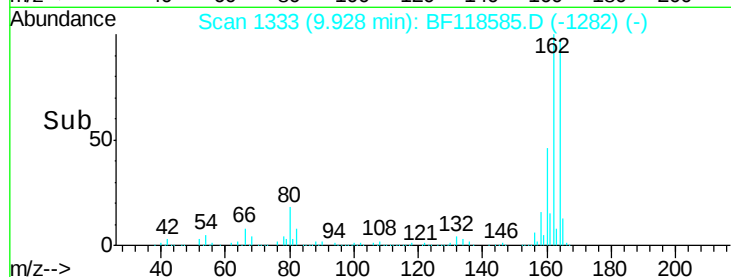
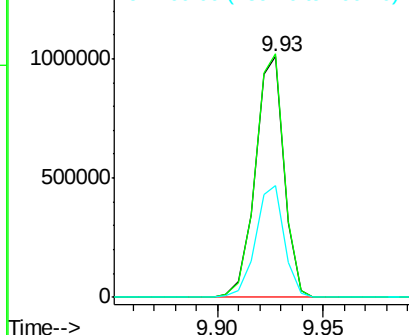
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 957358
Ion Ratio Lower Upper
164 100
162 101.1 80.4 120.6
160 46.5 36.6 55.0

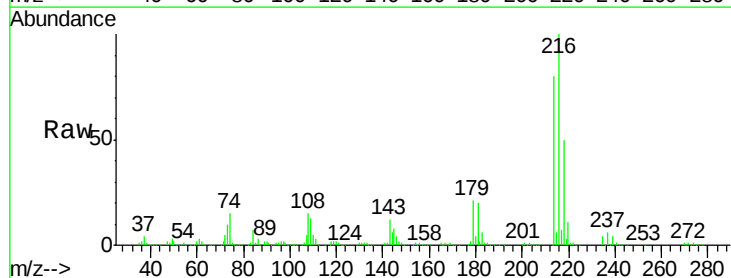


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

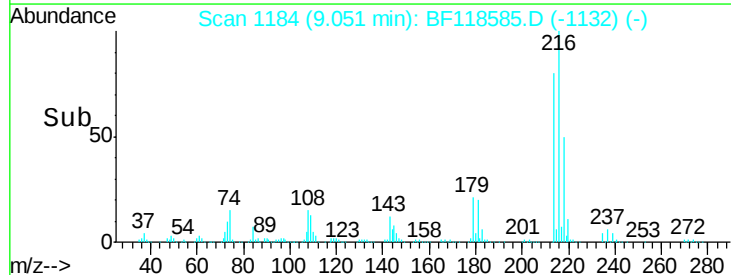
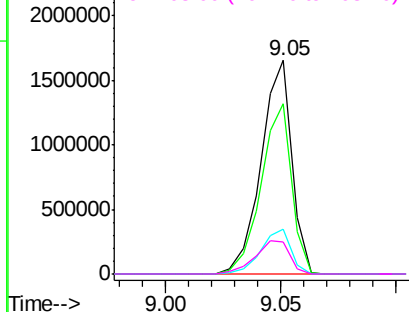


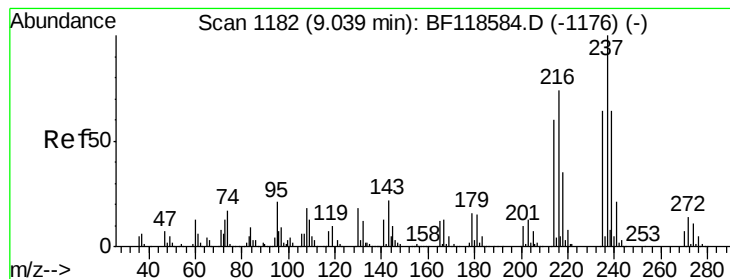
#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.575 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion:216 Resp: 1530816
Ion Ratio Lower Upper
216 100
214 79.5 64.2 96.2
179 20.8 16.6 25.0
108 17.9 14.4 21.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.000 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampled :

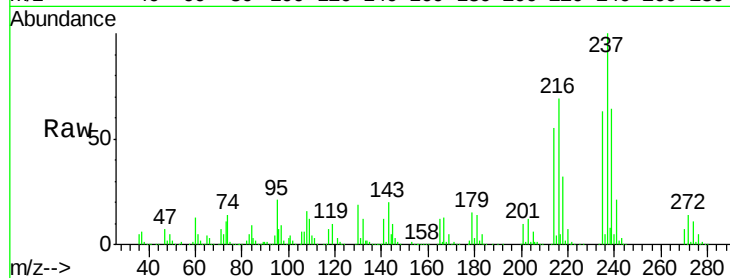
Tot Ion:237 Resp: 790548

Ion Ratio Lower Upper

237 100

235 63.0 44.0 84.0

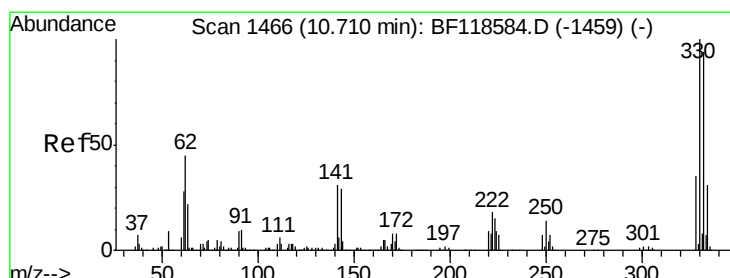
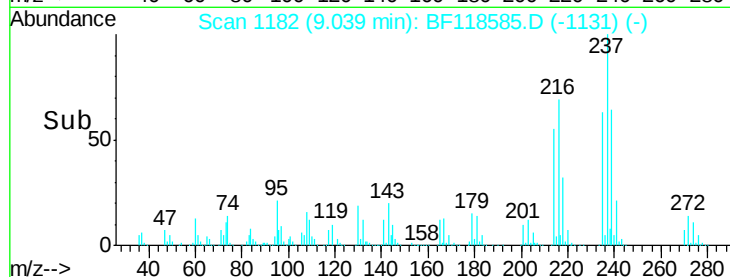
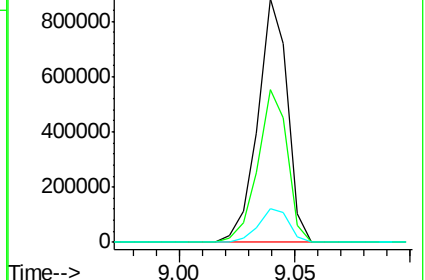
272 13.7 0.0 34.0



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: 105.826 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

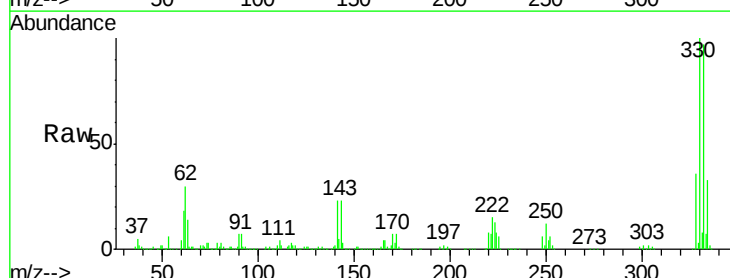
Tgt Ion:330 Resp: 1119999

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

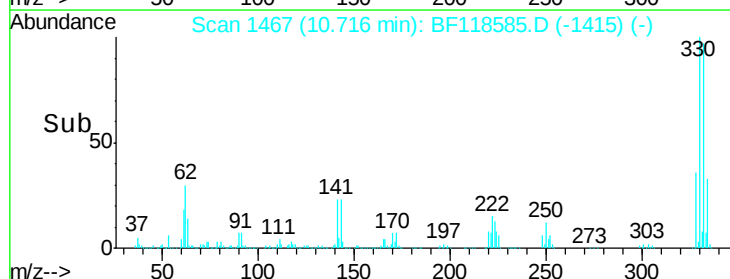
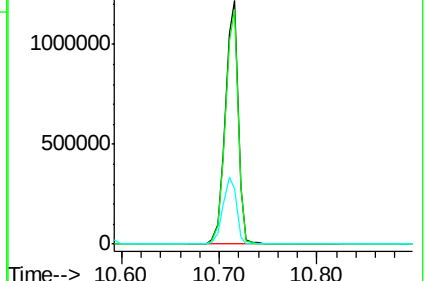
141 29.4 23.9 35.9

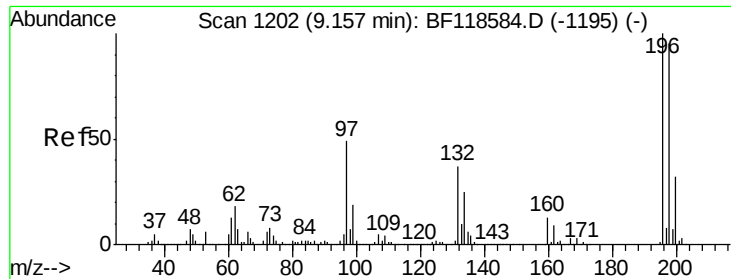


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

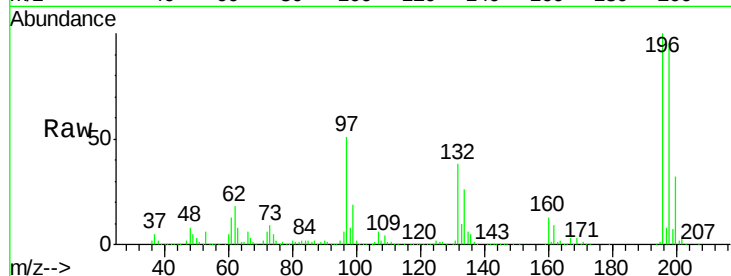




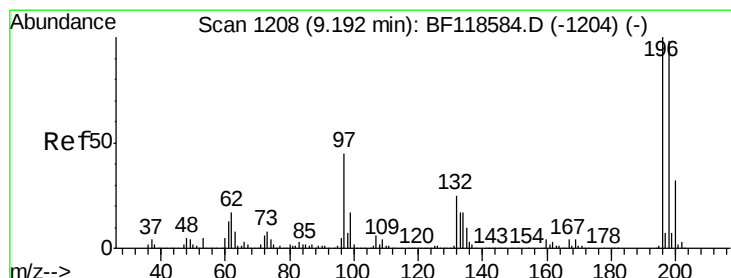
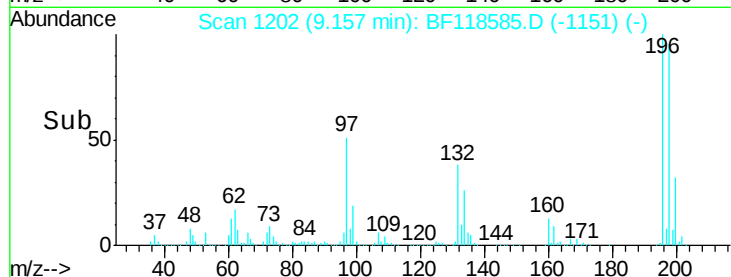
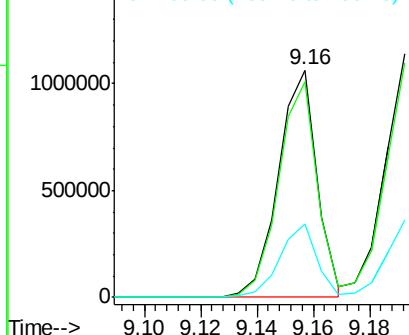
#43
 2,4,6-Trichlorophenol
 Concen: 51.206 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 1007425
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.3 114.5
 200 32.0 25.4 38.2

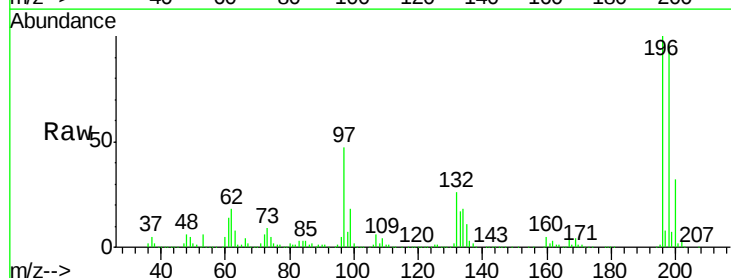


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

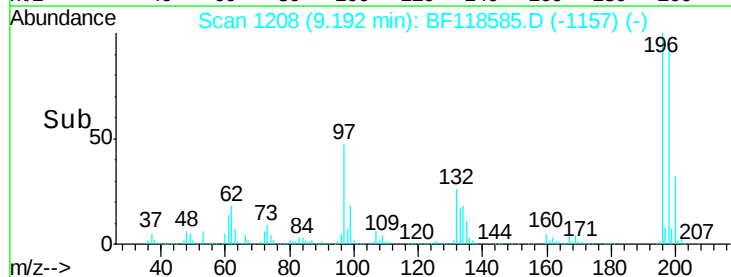
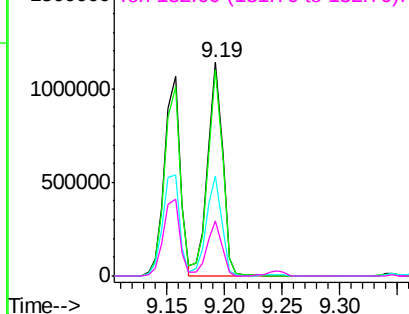


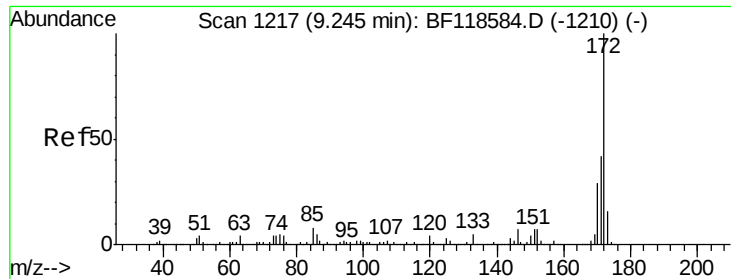
#44
 2,4,5-Trichlorophenol
 Concen: 52.133 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

Tgt Ion:196 Resp: 1036977
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.3 117.5
 97 46.9 35.9 53.9
 132 25.9 20.3 30.5



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

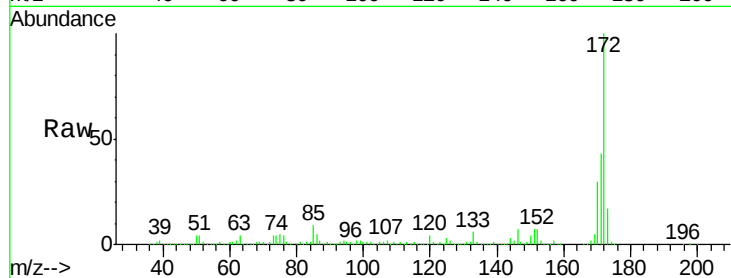




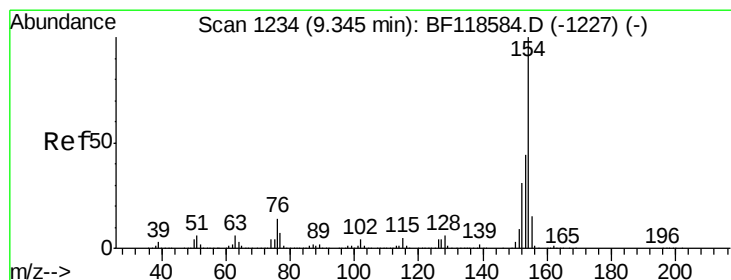
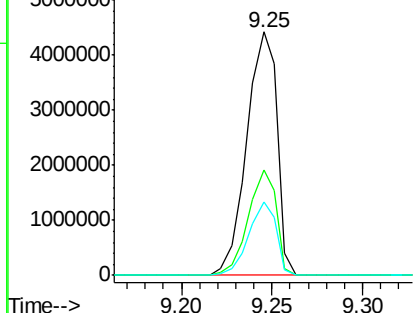
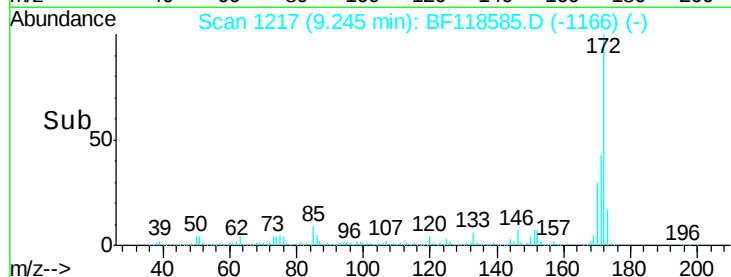
#45
 2-Fluorobiphenyl
 Concen: 96.656 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 5125698
 Ion Ratio Lower Upper
 172 100
 171 43.0 33.4 50.2
 170 29.9 23.2 34.8

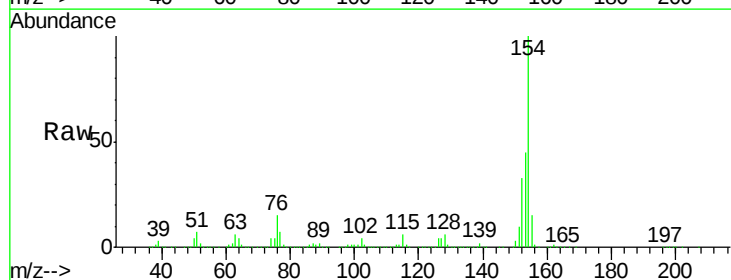


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

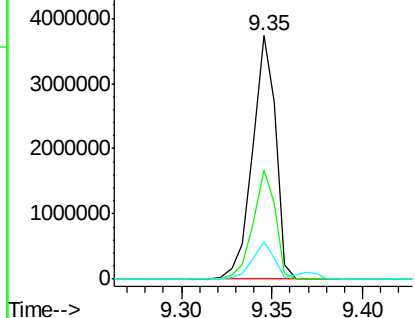
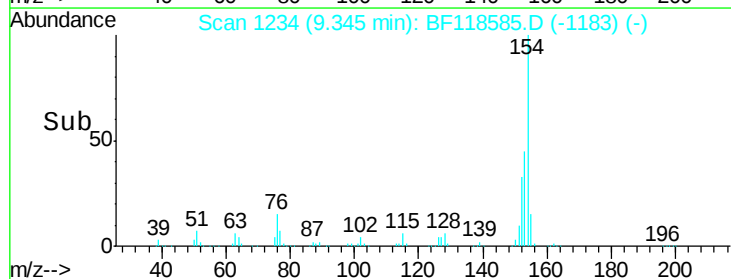


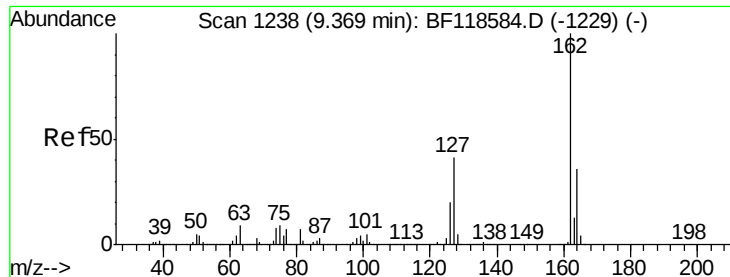
#46
 1,1'-Biphenyl
 Concen: 48.313 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

Tgt Ion:154 Resp: 3304963
 Ion Ratio Lower Upper
 154 100
 153 45.0 23.8 63.8
 76 15.4 0.0 34.3



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



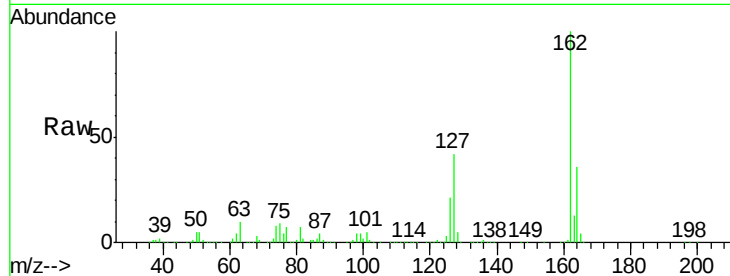


#47
 2-Chloronaphthalene
 Concen: 48.503 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

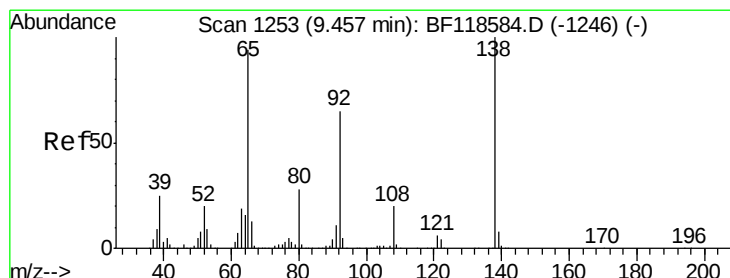
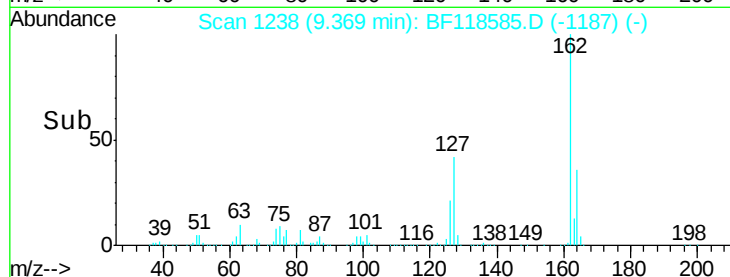
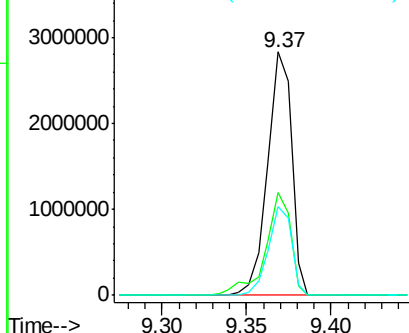
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2796579

Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.0	49.6
164	36.4	28.6	42.8



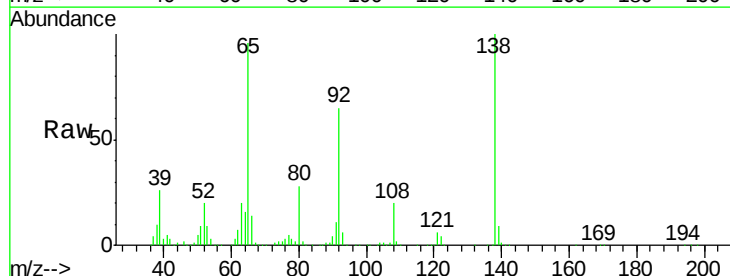
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



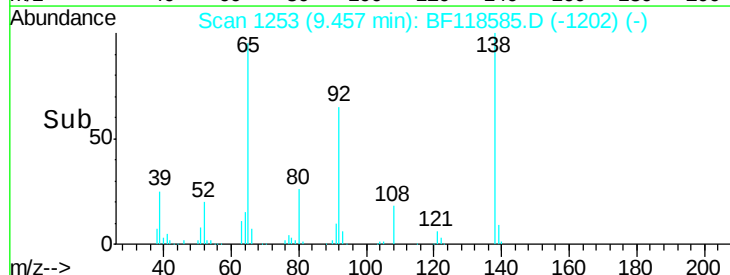
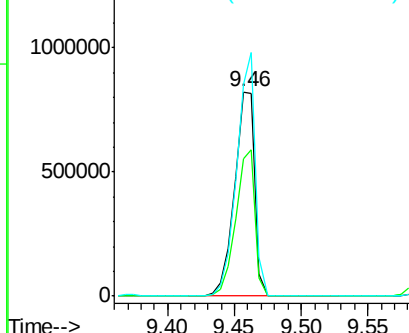
#48
 2-Nitroaniline
 Concen: 58.315 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

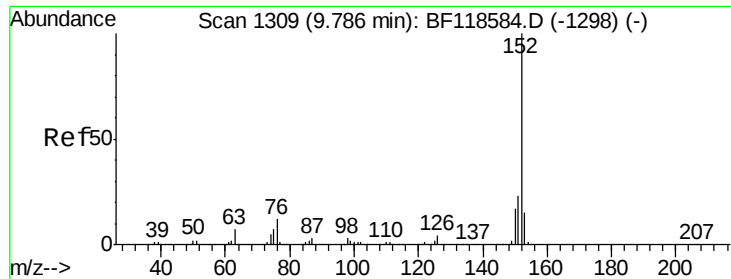
Tgt Ion: 65 Resp: 874492

Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.4	83.0
138	103.8	85.0	127.6



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





#49

Acenaphthylene

Concen: 48.065 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampled :

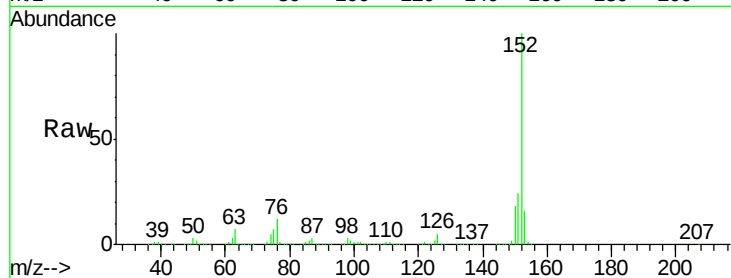
Tot Ion:152 Resp: 3912900

Ion Ratio Lower Upper

152 100

151 24.1 18.6 27.8

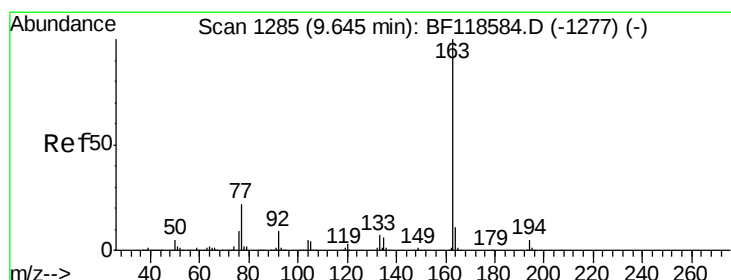
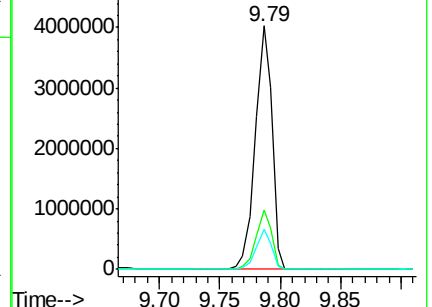
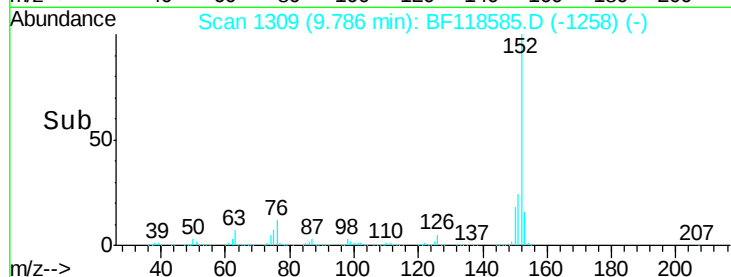
153 16.3 12.2 18.4



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: 47.135 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

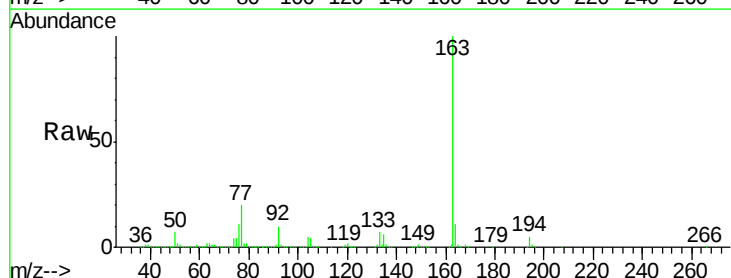
Tgt Ion:163 Resp: 3098284

Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

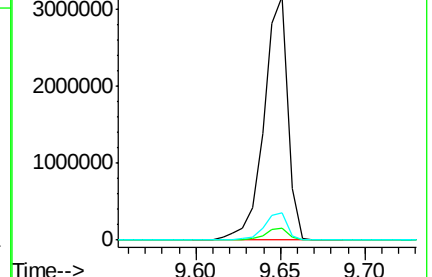
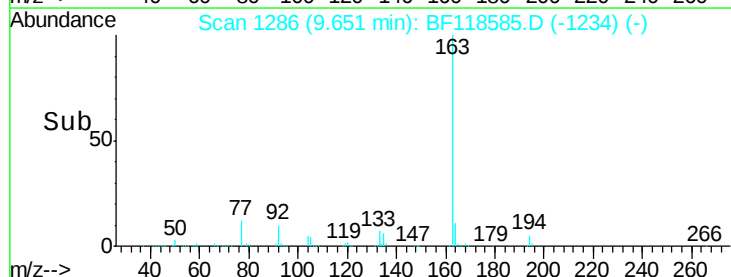
164 11.2 9.1 13.7

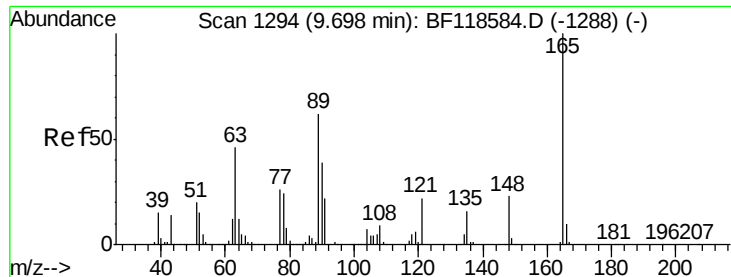


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

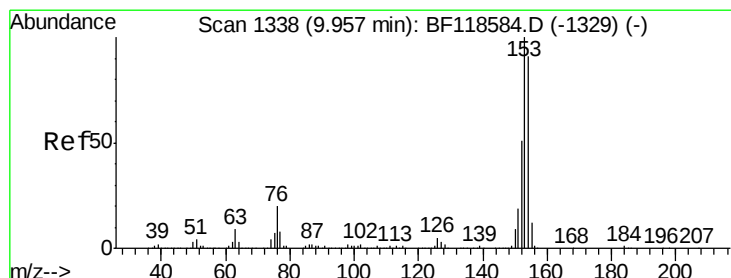
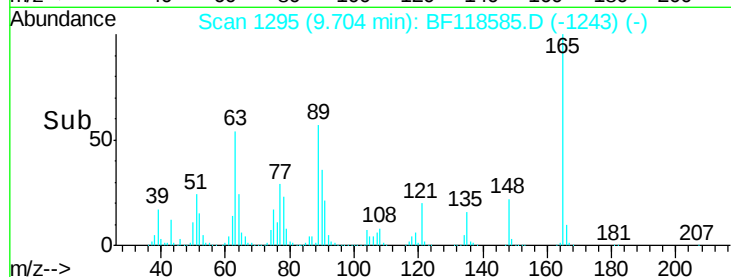
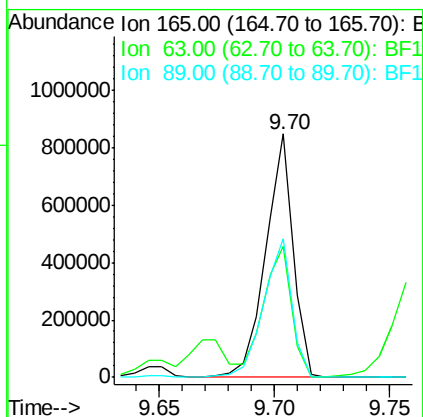
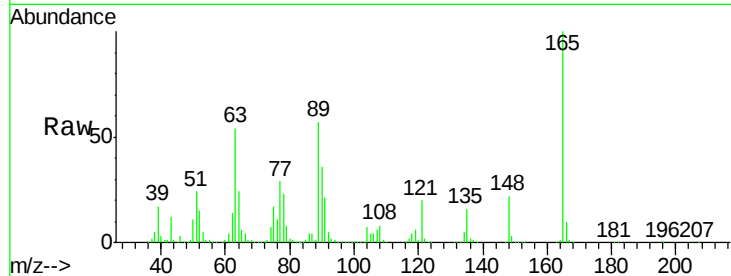




#51
 2,6-Dinitrotoluene
 Concen: 56.073 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

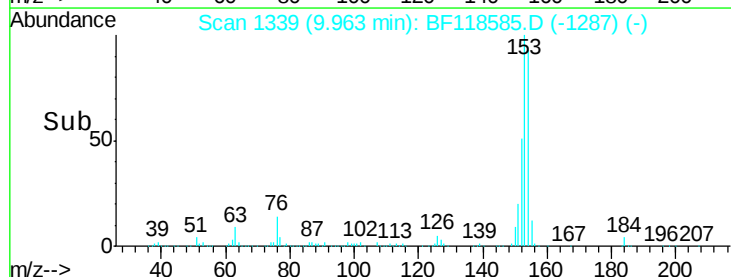
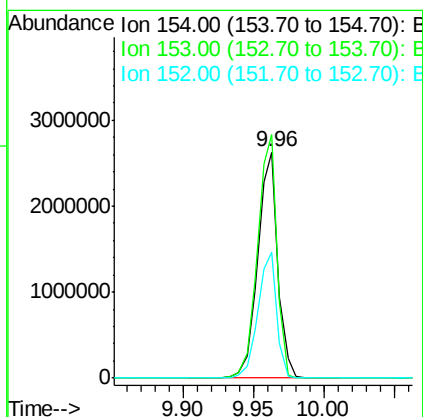
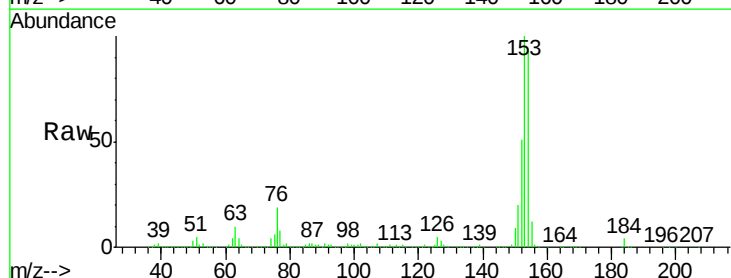
Instrument :
 BNA_F
 ClientSampleId :

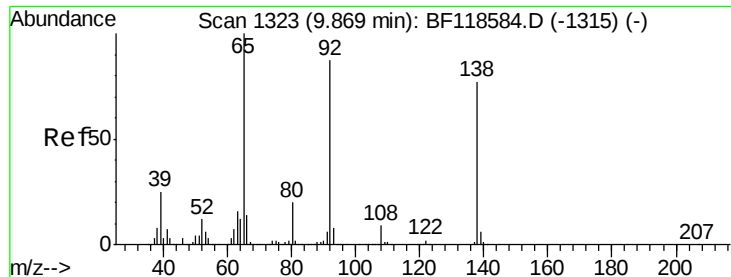
Tot Ion:165 Resp: 703243
 Ion Ratio Lower Upper
 165 100
 63 53.7 48.9 73.3
 89 56.9 49.8 74.6



#52
 Acenaphthene
 Concen: 49.445 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

Tgt Ion:154 Resp: 2636978
 Ion Ratio Lower Upper
 154 100
 153 107.7 87.6 131.4
 152 55.4 44.4 66.6

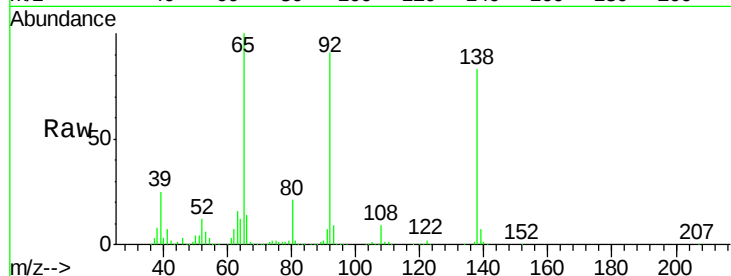




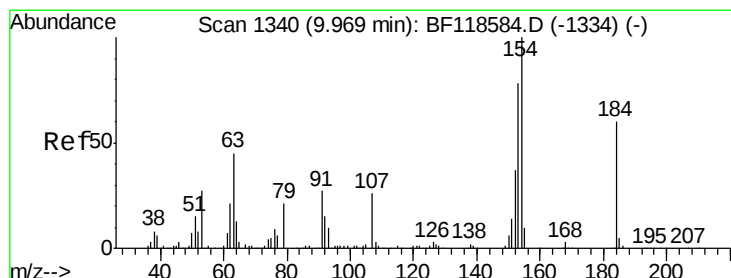
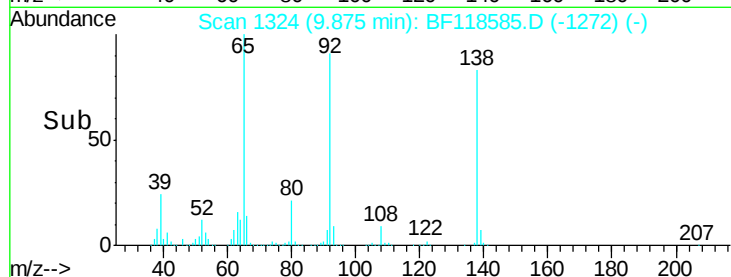
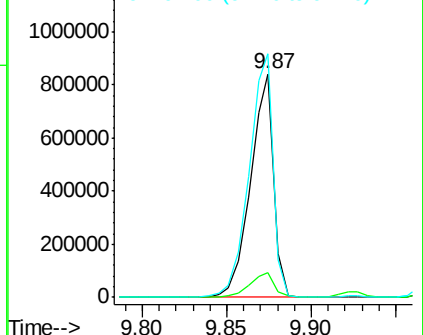
#53
3-Nitroaniline
Concen: 56.566 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 803667
Ion Ratio Lower Upper
138 100
108 11.3 9.6 14.4
92 109.0 90.6 136.0

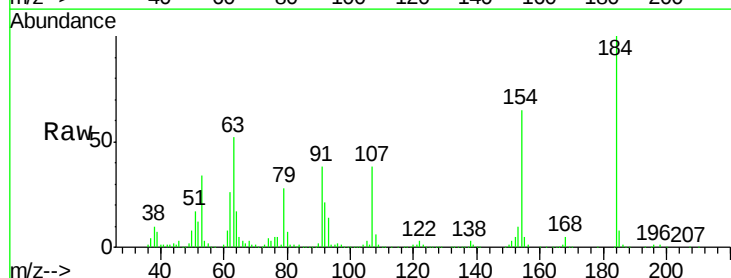


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

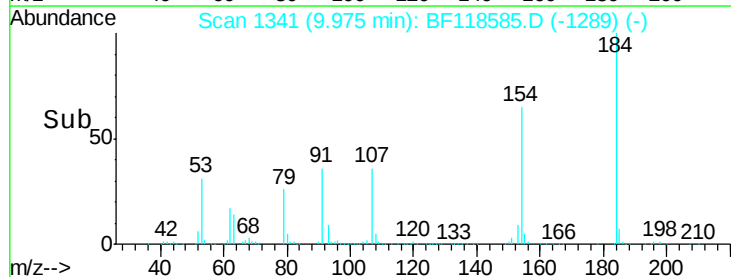
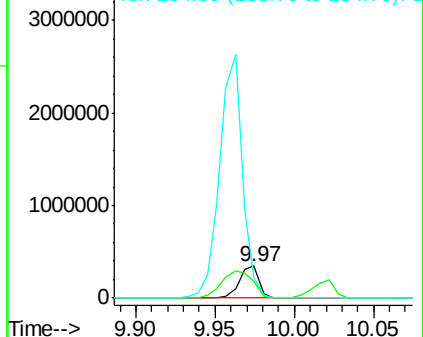


#54
2,4-Dinitrophenol
Concen: 70.580 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion:184 Resp: 297671
Ion Ratio Lower Upper
184 100
63 51.9 60.6 90.8#
154 64.9 137.3 205.9#



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

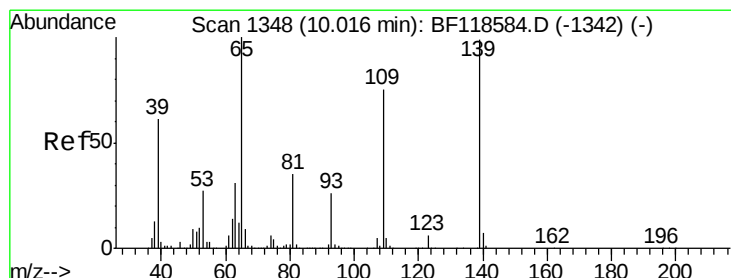
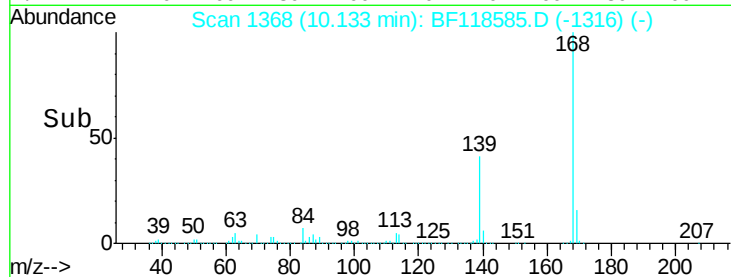
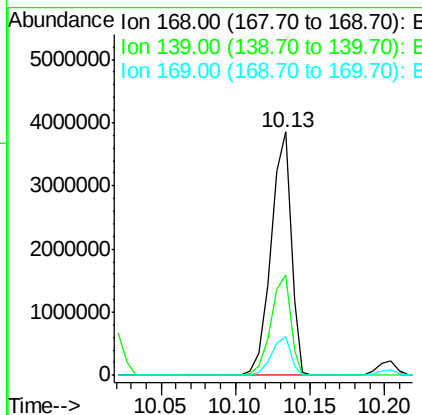
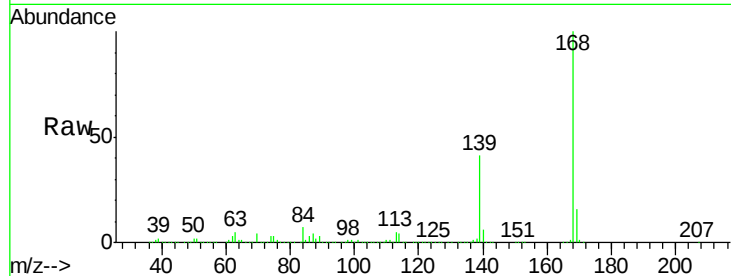




#55
Dibenzofuran
Concen: 47.599 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

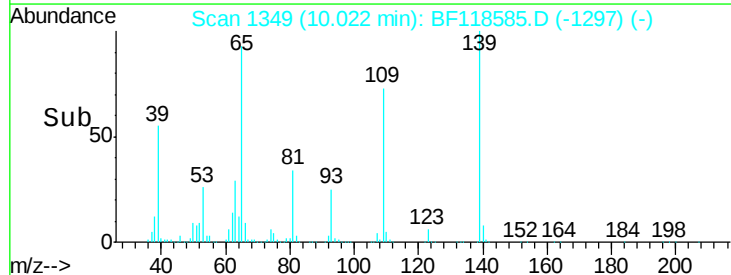
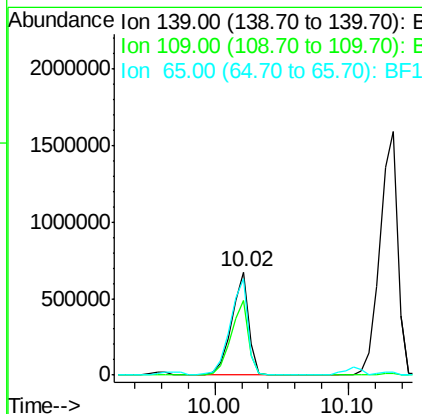
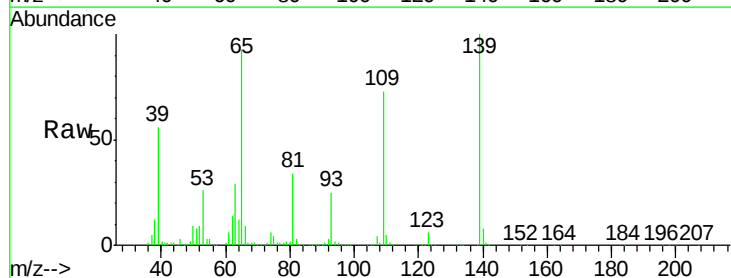
Instrument :
BNA_F
ClientSampled :

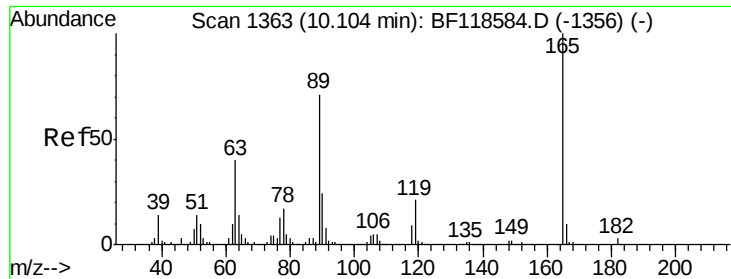
Tot Ion:168 Resp: 3592357
Ion Ratio Lower Upper
168 100
139 41.3 32.7 49.1
169 15.8 12.2 18.2



#56
4-Nitrophenol
Concen: 58.143 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion:139 Resp: 610214
Ion Ratio Lower Upper
139 100
109 72.6 56.0 96.0
65 93.1 81.4 121.4

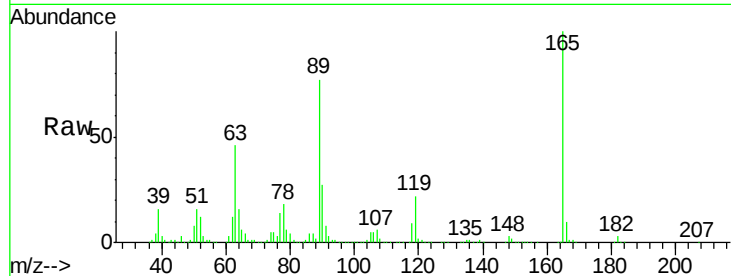




#57
2,4-Dinitrotoluene
Concen: 59.074 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	32.4	48.6
89	77.3	56.4	84.6
182	2.8	2.3	3.5

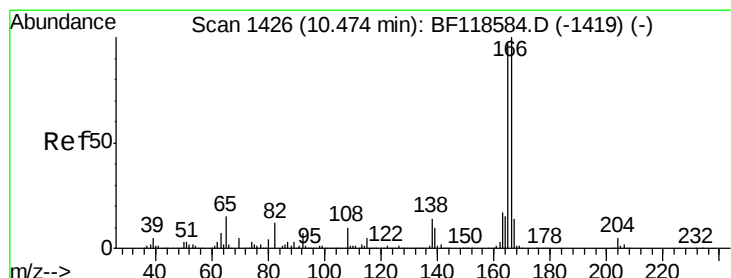
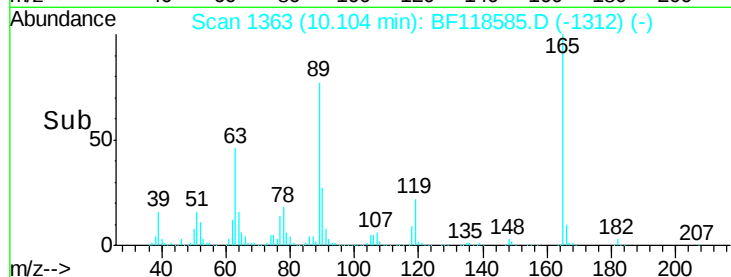
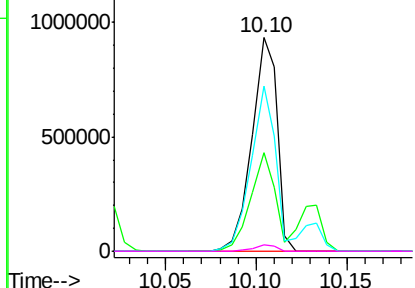


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

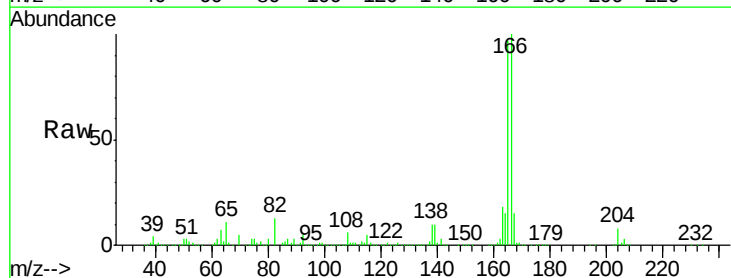
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.526 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

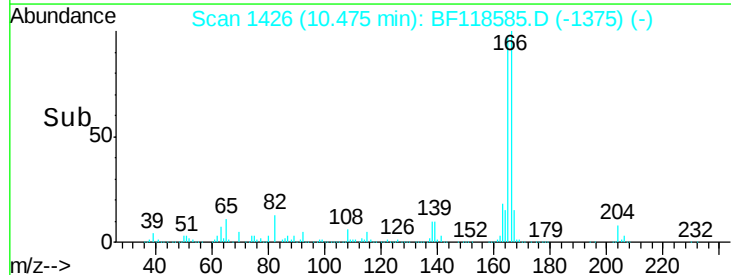
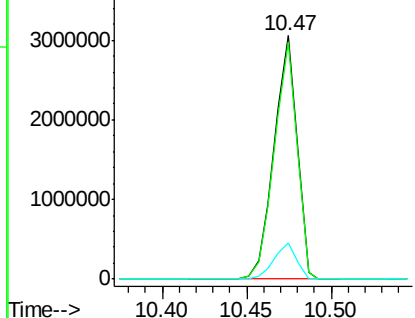
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.3	115.9
167	15.0	11.5	17.3

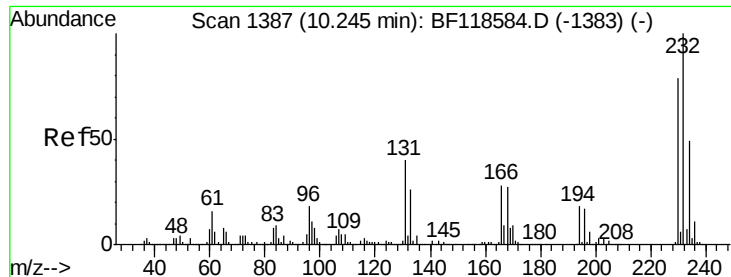


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

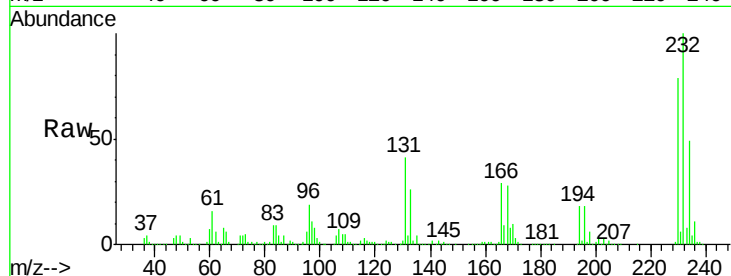




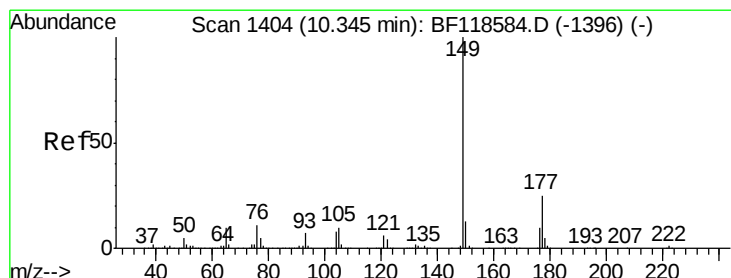
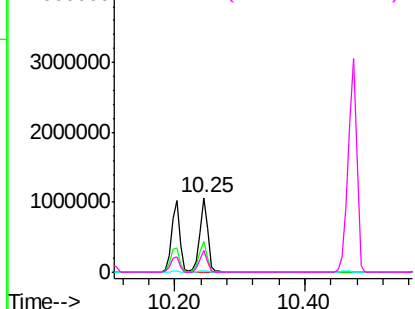
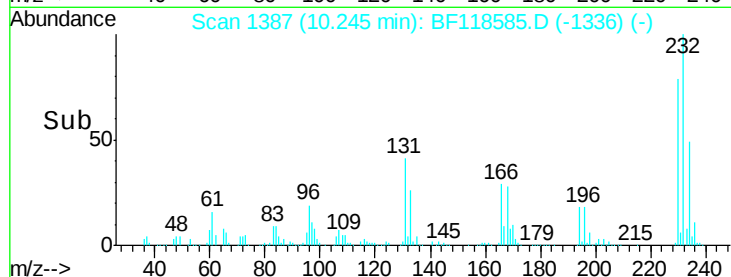
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.734 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 914372
Ion Ratio Lower Upper
232 100
131 41.3 33.2 49.8
130 2.2 1.8 2.6
166 28.2 22.6 33.8

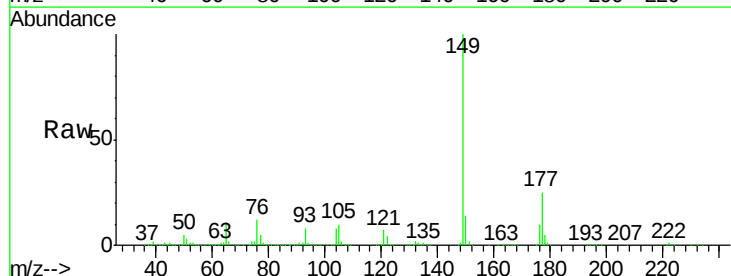


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

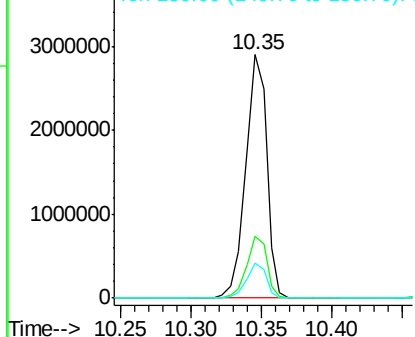
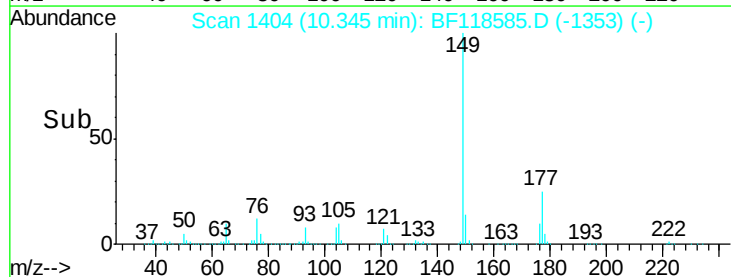


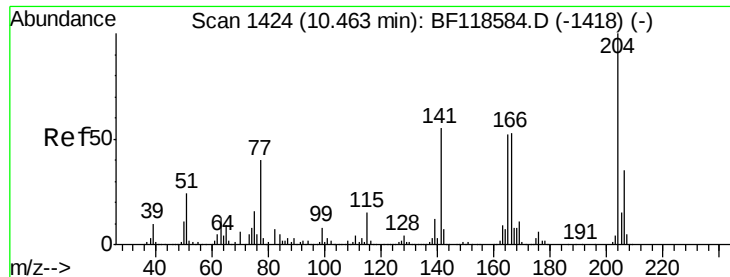
#60
Diethylphthalate
Concen: 47.246 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion:149 Resp: 3031870
Ion Ratio Lower Upper
149 100
177 25.4 20.0 30.0
150 14.1 10.6 16.0



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

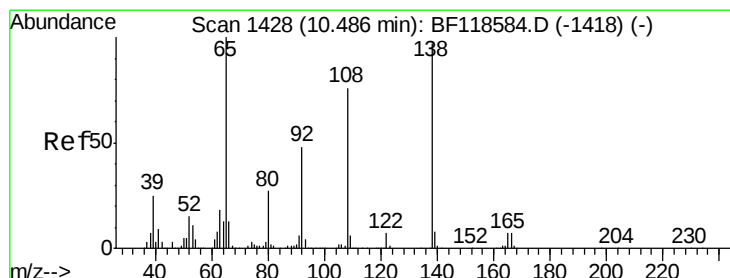
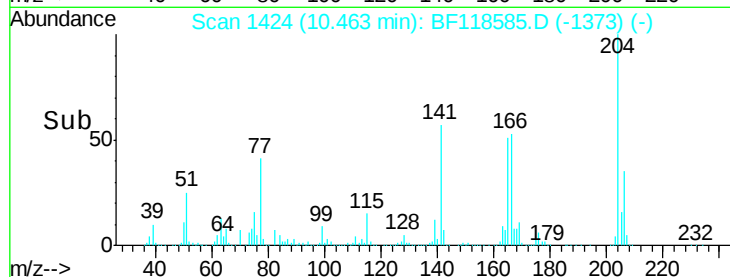
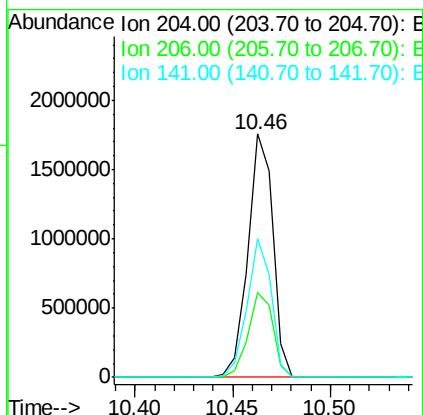
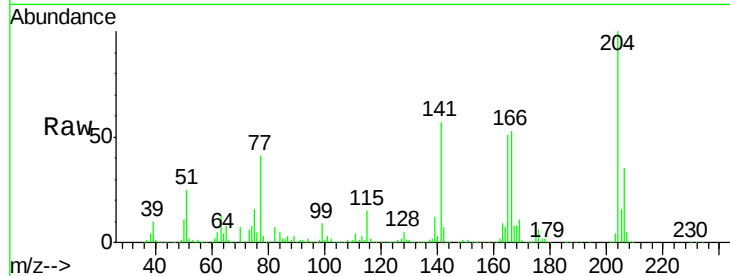




#61
 4-Chlorophenyl-phenylether
 Concen: 48.656 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

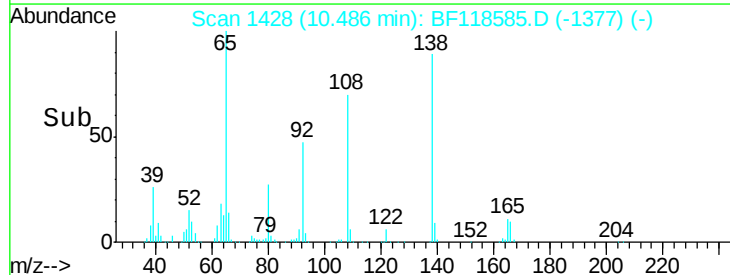
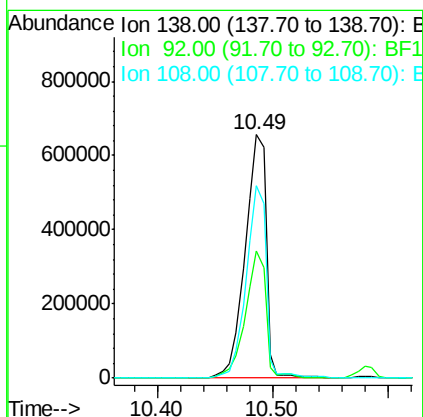
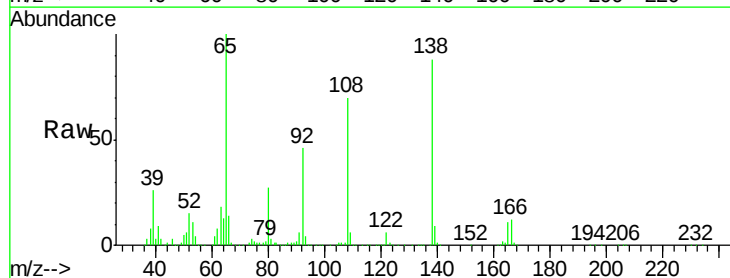
Instrument :
 BNA_F
 ClientSampleId :

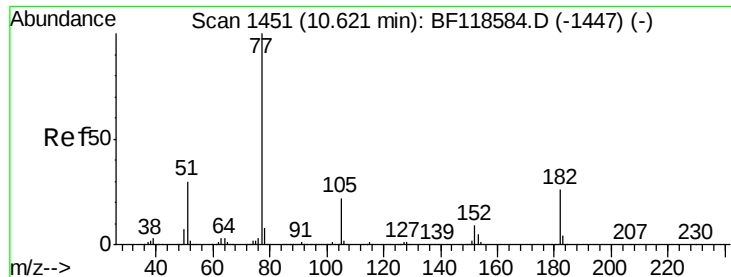
Tot Ion:204 Resp: 1555681
 Ion Ratio Lower Upper
 204 100
 206 34.8 27.8 41.6
 141 56.9 43.7 65.5



#62
 4-Nitroaniline
 Concen: 59.058 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

Tgt Ion:138 Resp: 833353
 Ion Ratio Lower Upper
 138 100
 92 52.5 29.4 69.4
 108 79.2 58.2 98.2





#63

Azobenzene

Concen: 46.726 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 2922400

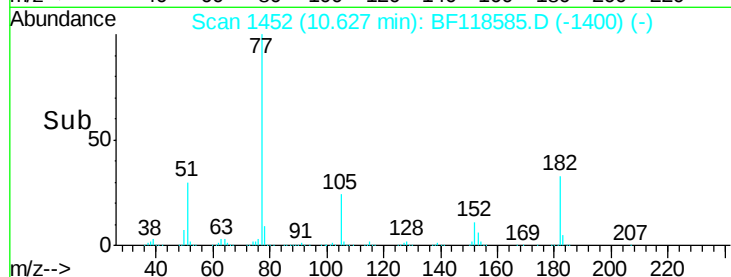
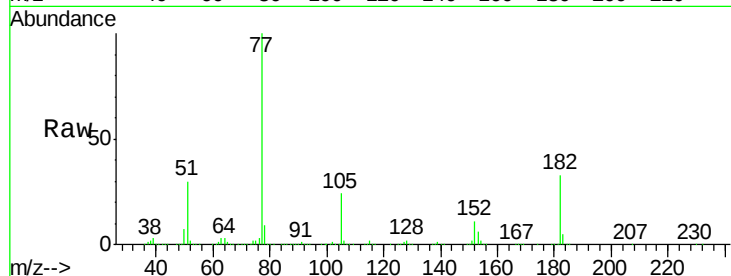
Ion Ratio Lower Upper

77 100

182 33.3 5.6 45.6

105 24.3 2.0 42.0

51 29.8 10.2 50.2

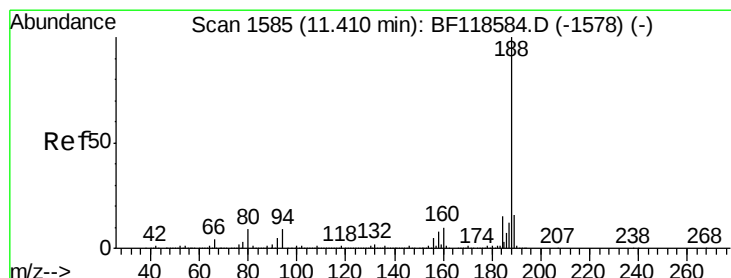
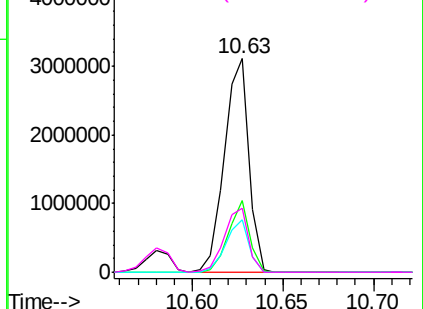


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

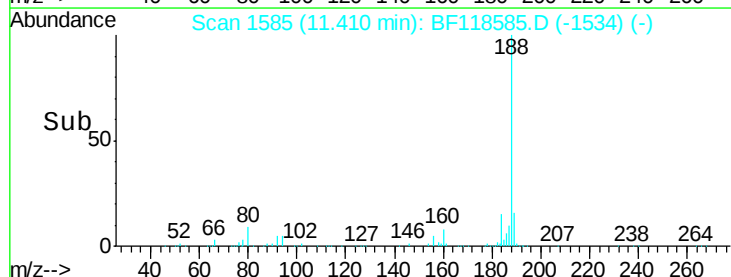
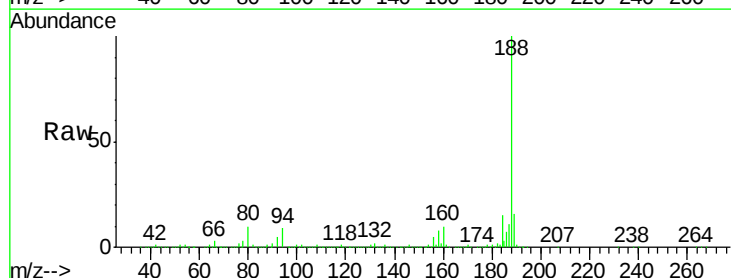
Tgt Ion:188 Resp: 1705812

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

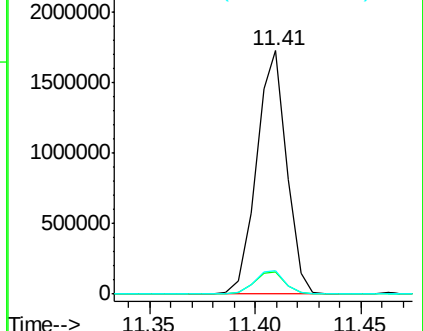
80 9.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

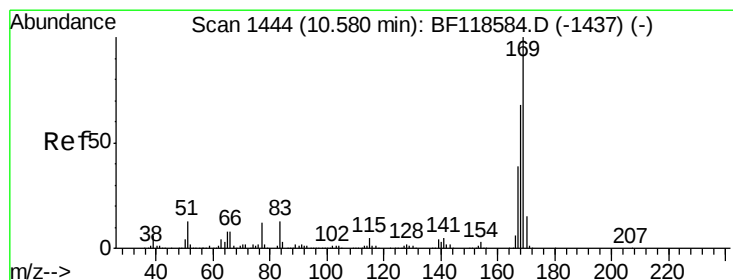
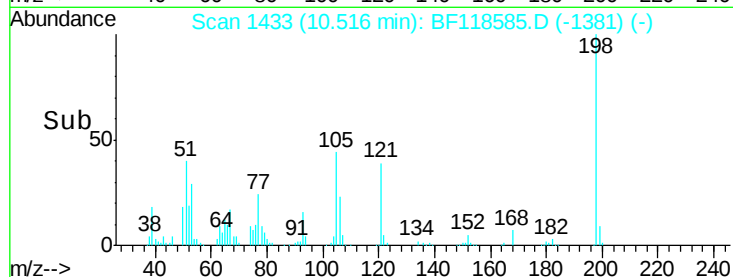
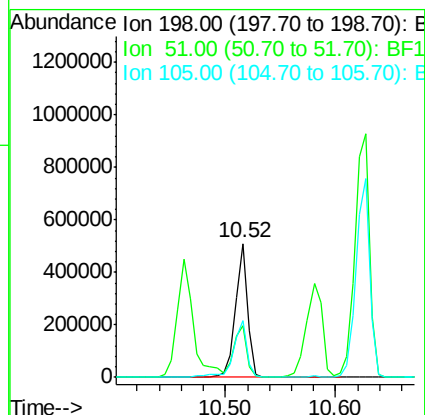
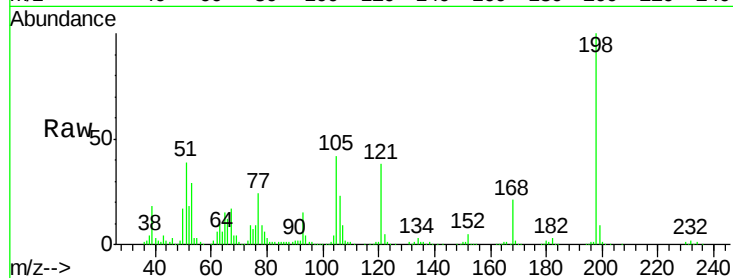




#65
 4,6-Dinitro-2-methylphenol
 Concen: 64.856 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

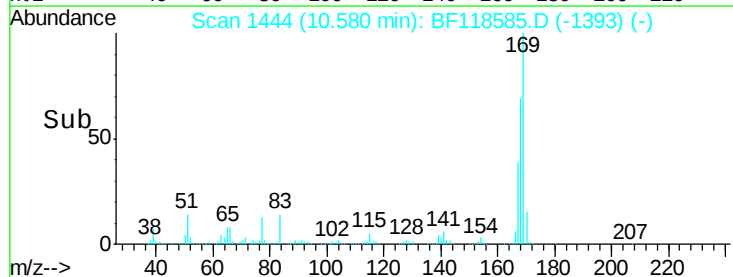
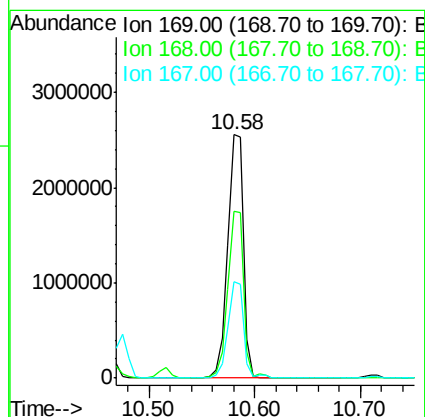
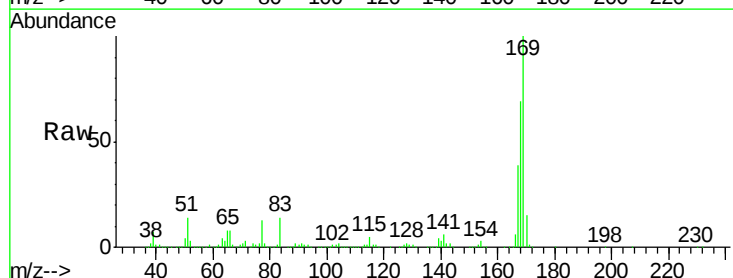
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 395978
 Ion Ratio Lower Upper
 198 100
 51 38.9 25.2 65.2
 105 42.1 26.3 66.3



#66
 n-Nitrosodiphenylamine
 Concen: 48.062 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

Tgt Ion:169 Resp: 2634291
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.6 82.0
 167 39.4 30.9 46.3

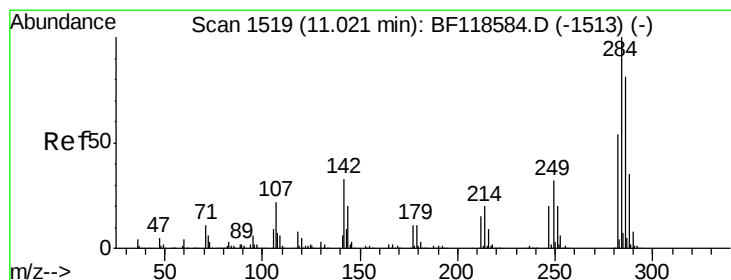
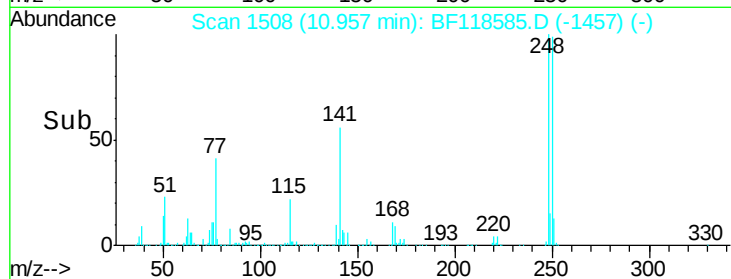
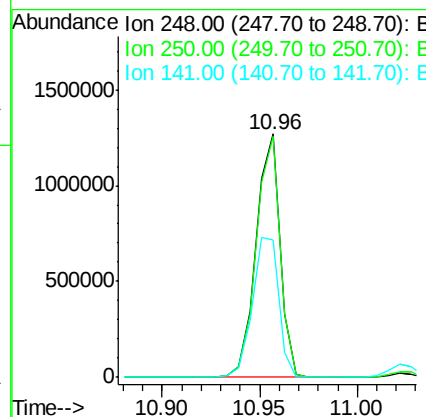
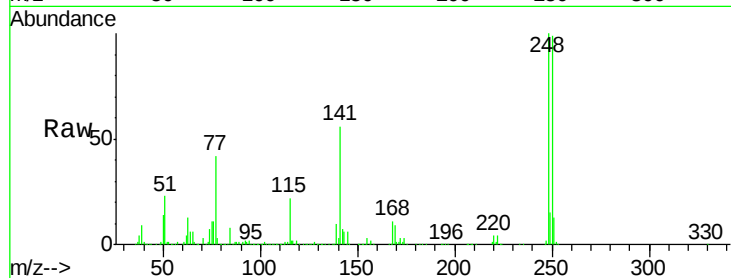




#67
4-Bromophenyl-phenylether
Concen: 47.252 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

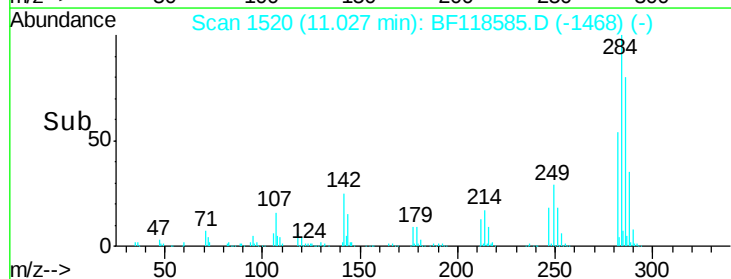
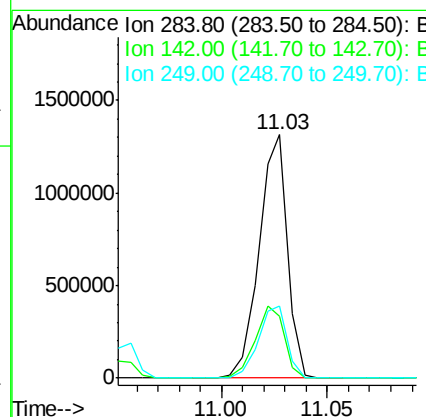
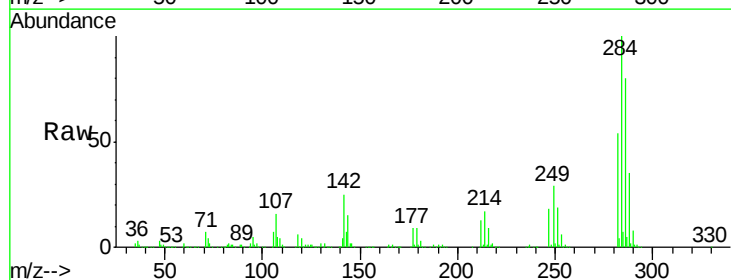
Instrument :
BNA_F
ClientSampleId :

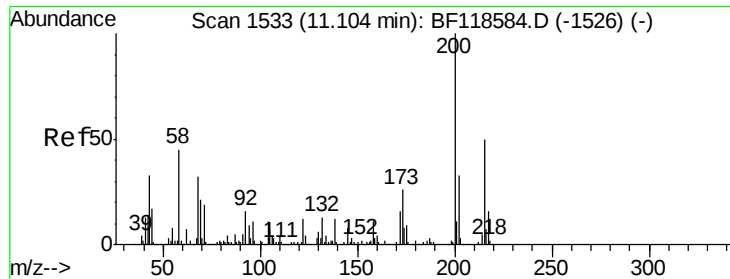
Tot Ion:248 Resp: 1078961
Ion Ratio Lower Upper
248 100
250 98.8 78.7 118.1
141 56.4 43.2 64.8



#68
Hexachlorobenzene
Concen: 48.499 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion:284 Resp: 1227224
Ion Ratio Lower Upper
284 100
142 25.5 26.6 39.8#
249 29.4 25.2 37.8

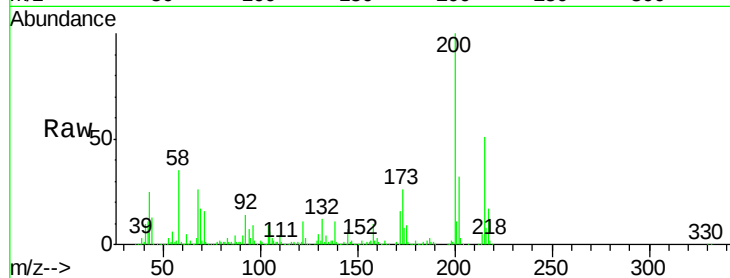




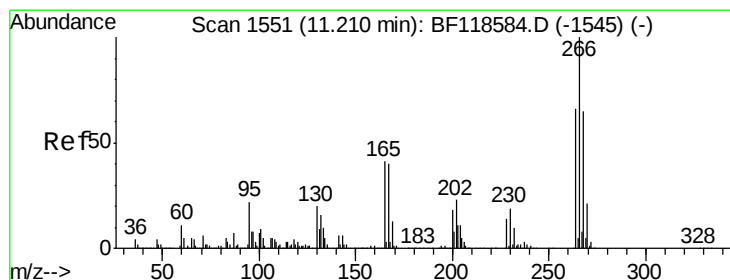
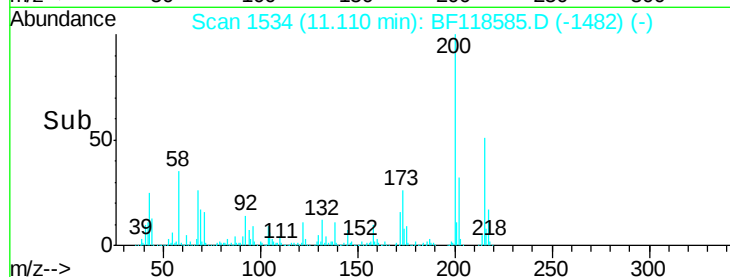
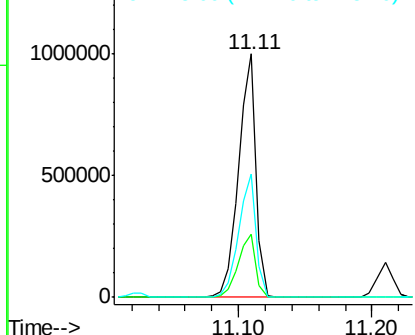
#69
Atrazine
Concen: 57.225 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.3	46.3
215	50.8	30.2	70.2

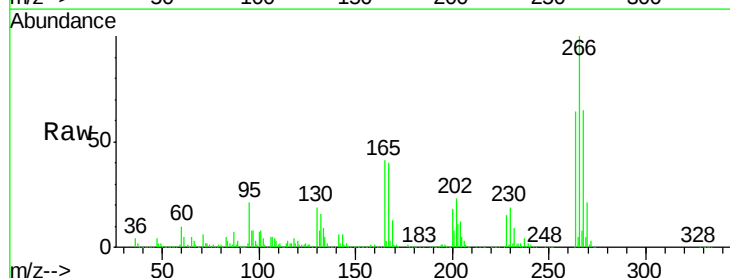


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

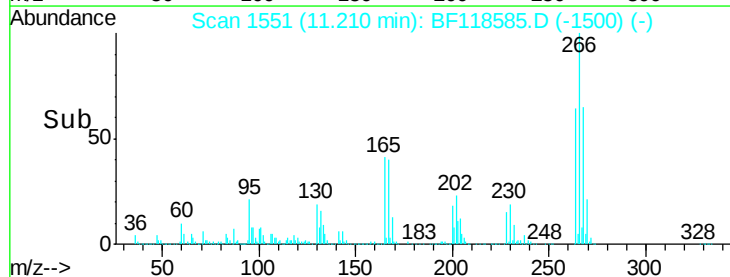
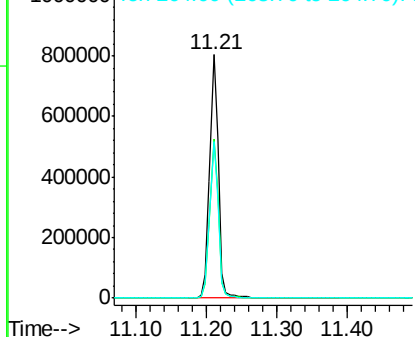


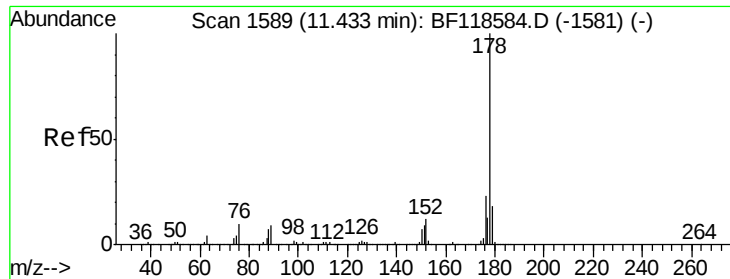
#70
Pentachlorophenol
Concen: 56.044 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	52.1	78.1
264	64.5	52.4	78.6



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

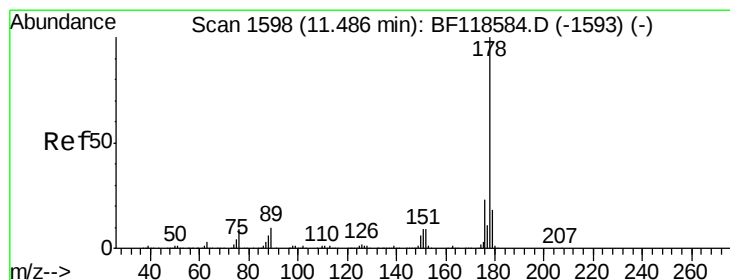
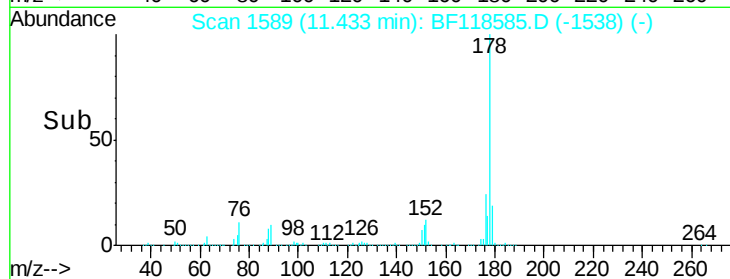
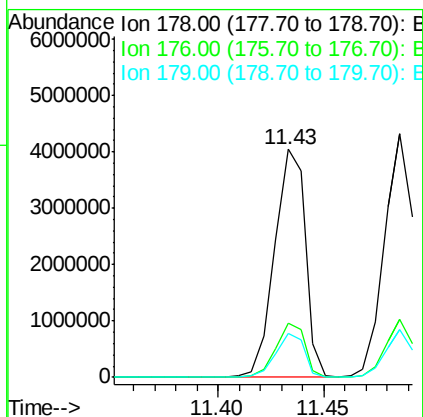
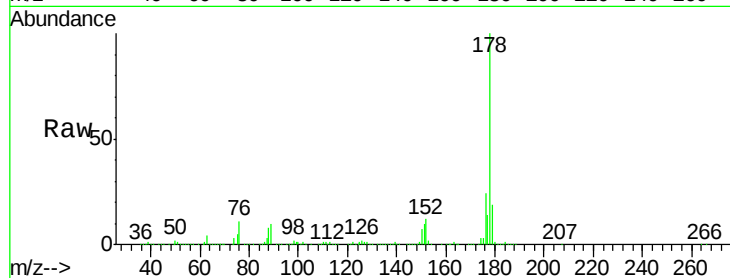




#71
Phenanthrene
Concen: 47.810 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

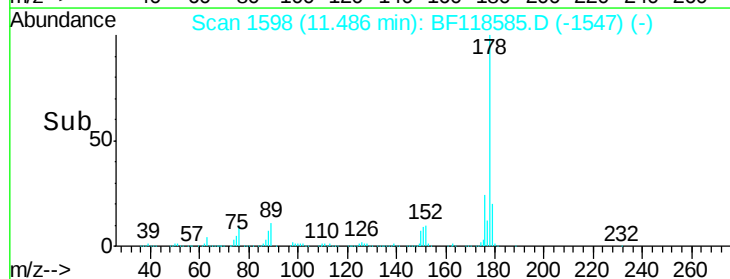
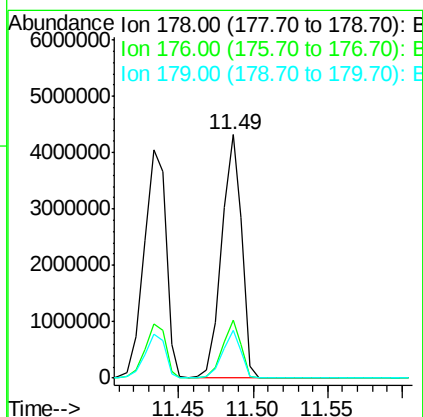
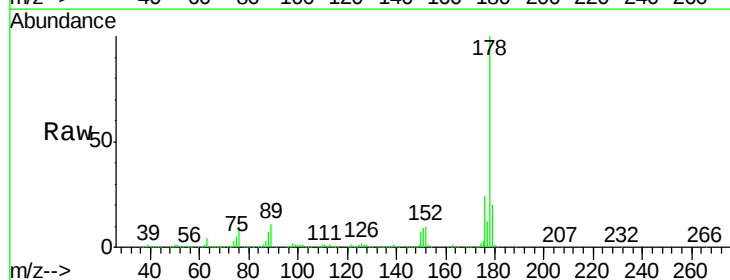
Instrument :
BNA_F
ClientSampled :

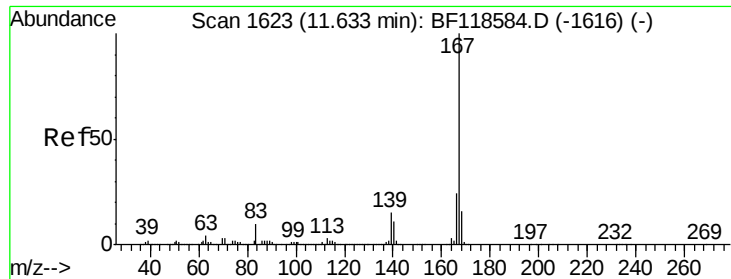
Tot Ion:178 Resp: 4099388
Ion Ratio Lower Upper
178 100
176 23.9 18.6 27.8
179 19.1 14.7 22.1



#72
Anthracene
Concen: 47.733 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion:178 Resp: 4083400
Ion Ratio Lower Upper
178 100
176 23.9 18.0 27.0
179 19.6 14.7 22.1

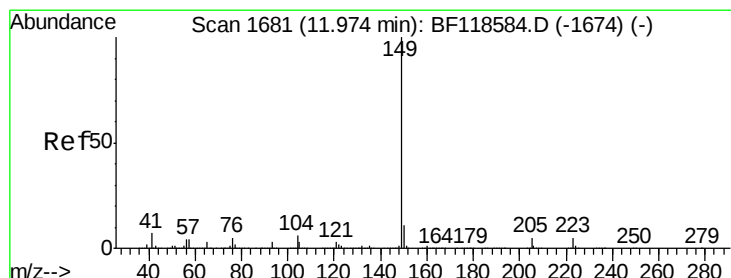
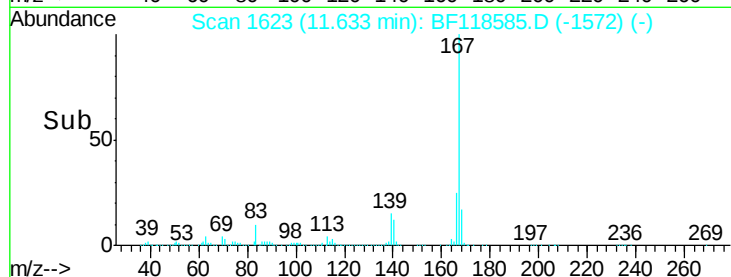
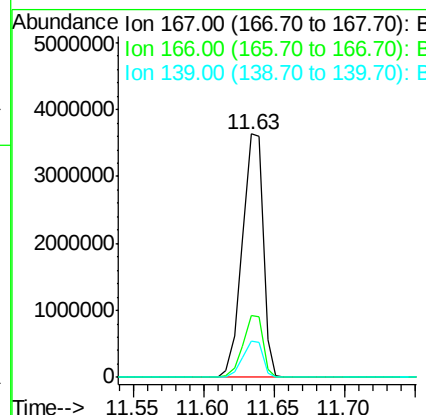
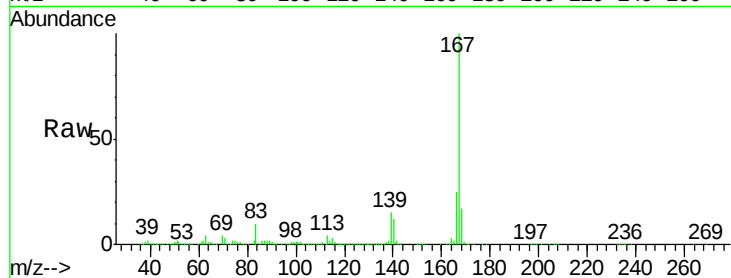




#73
 Carbazole
 Concen: 48.578 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

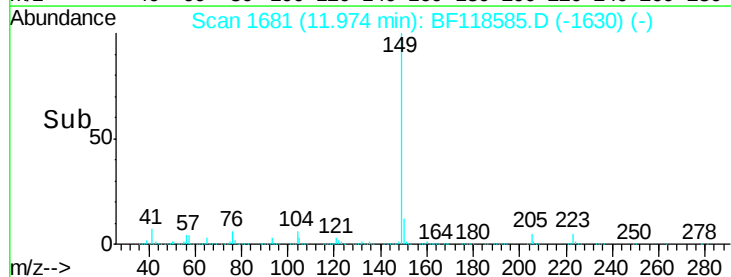
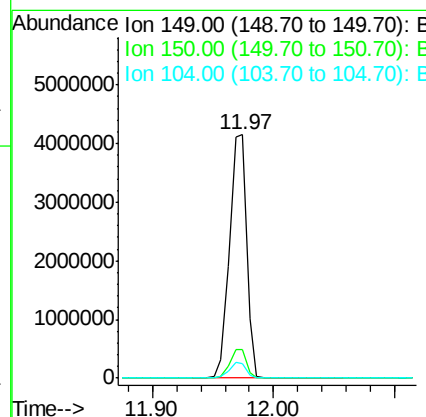
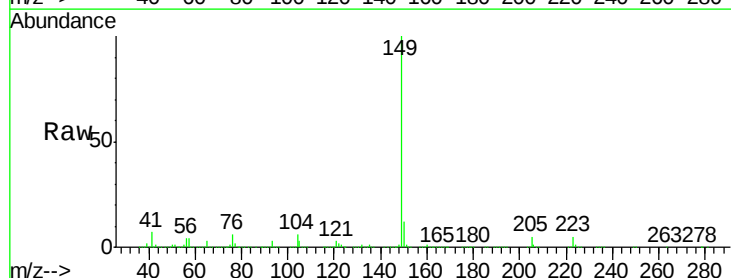
Instrument :
 BNA_F
 ClientSampled :

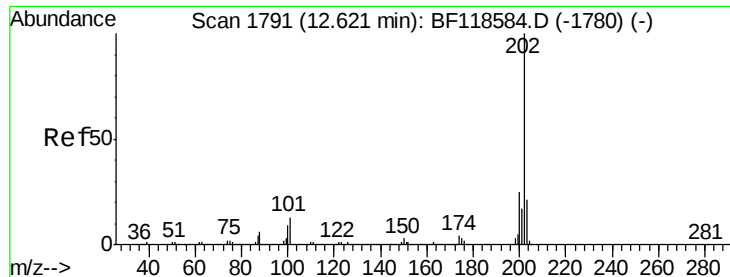
Tot Ion:167 Resp: 3747909
 Ion Ratio Lower Upper
 167 100
 166 25.3 19.4 29.2
 139 15.0 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 42.573 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

Tgt Ion:149 Resp: 4081808
 Ion Ratio Lower Upper
 149 100
 150 11.5 8.7 13.1
 104 6.0 4.6 6.8





#75

Fluoranthene

Concen: 47.024 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

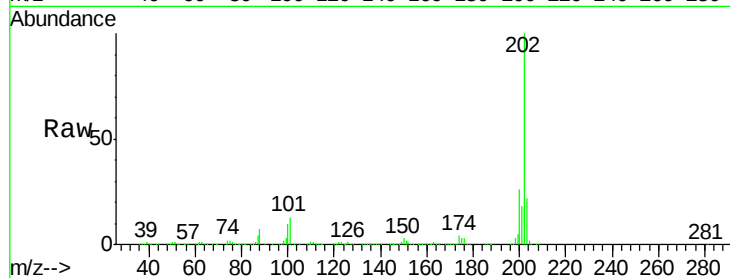
Tot Ion:202 Resp: 4335975

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.5

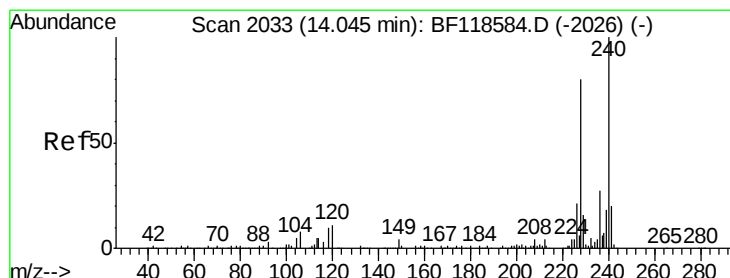
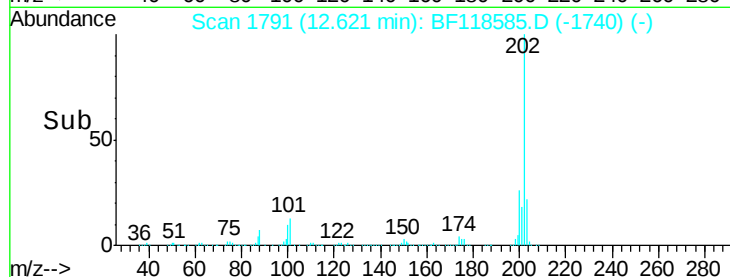
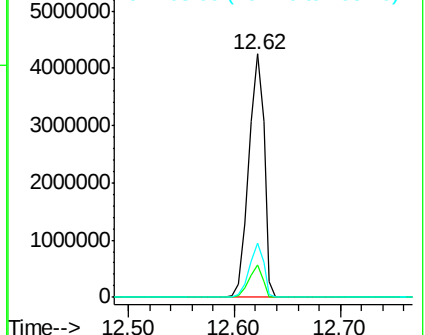
203 22.2 0.8 40.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

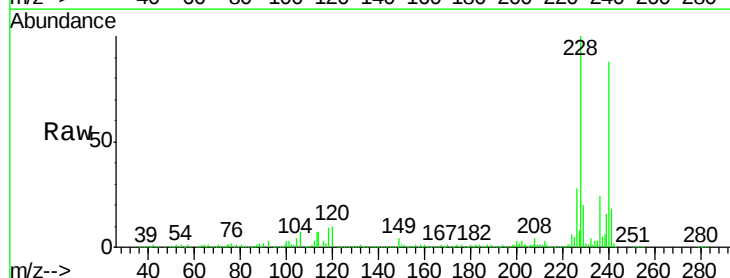
Tgt Ion:240 Resp: 1255417

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

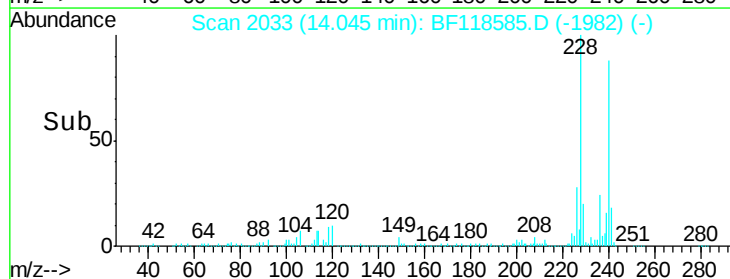
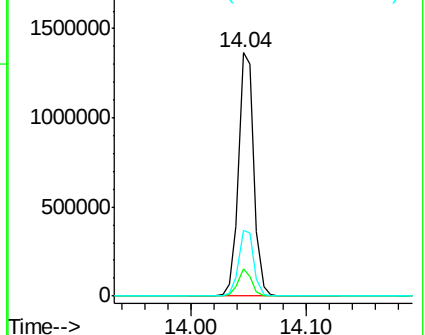
236 26.8 21.5 32.3

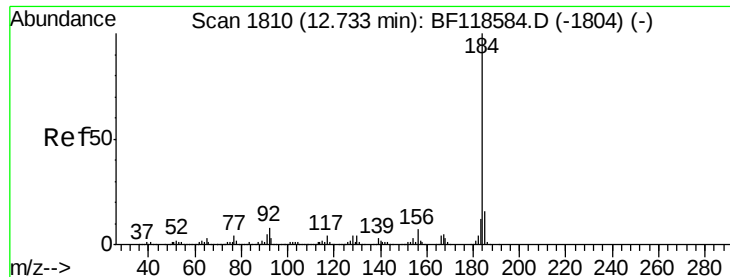


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.597 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

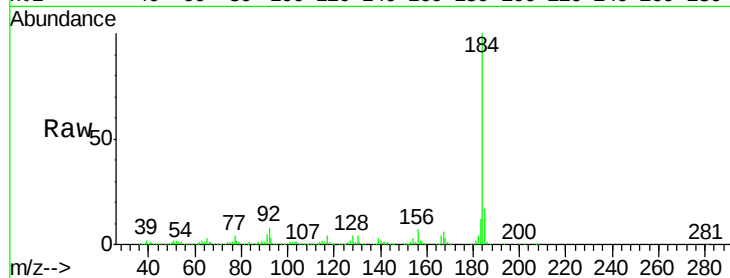
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 1665324

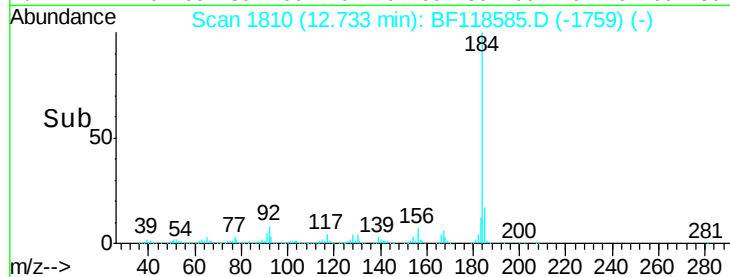
Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.9	19.3
183	12.2	9.6	14.4



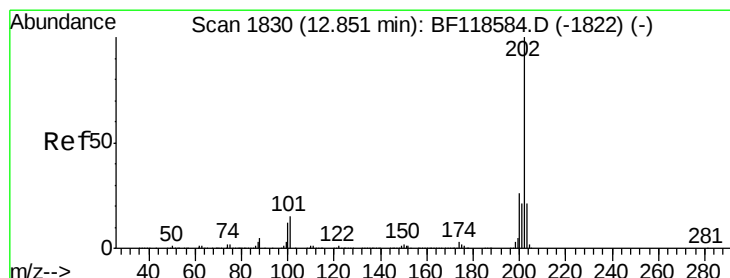
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.80



#78

Pyrene

Concen: 47.387 ng

RT: 12.85 min Scan# 1830

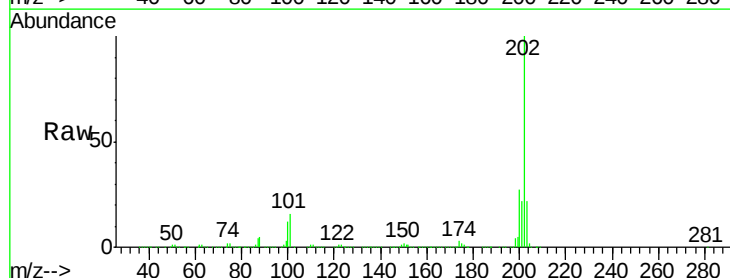
Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Tgt Ion:202 Resp: 4440173

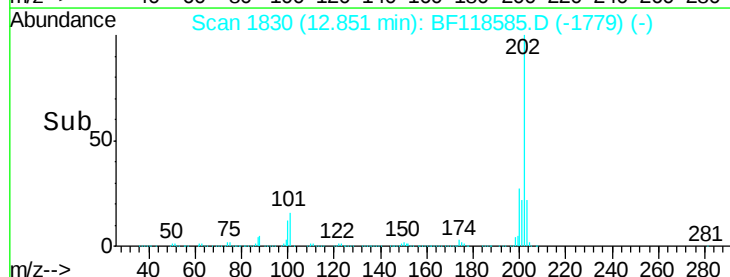
Ion	Ratio	Lower	Upper
202	100		
200	26.8	20.6	31.0
203	21.9	16.8	25.2



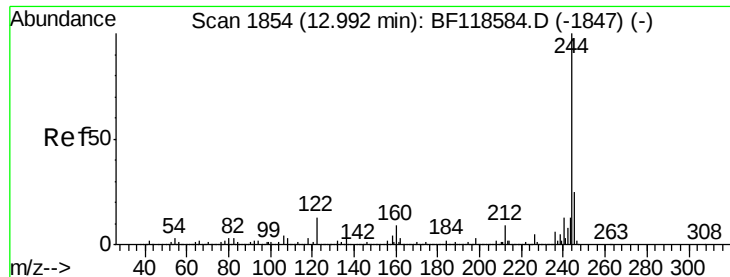
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.80 12.90 13.00



#79

Terphenyl-d14

Concen: 88.432 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

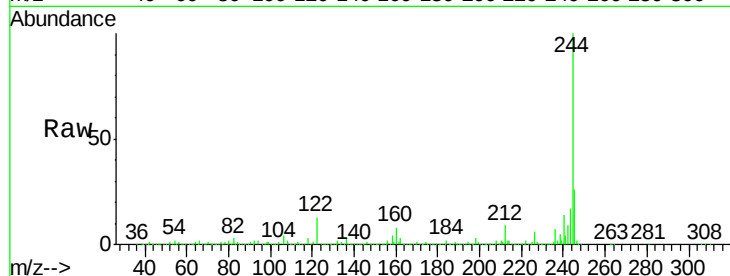
Tot Ion:244 Resp: 5621386

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.4

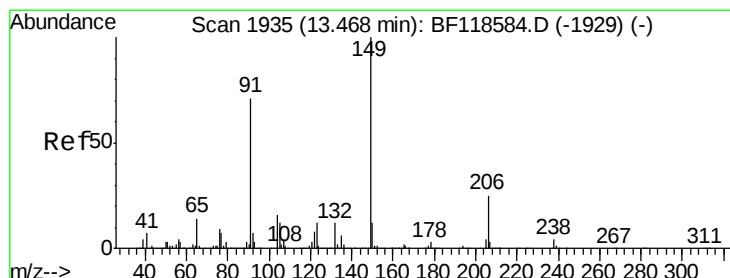
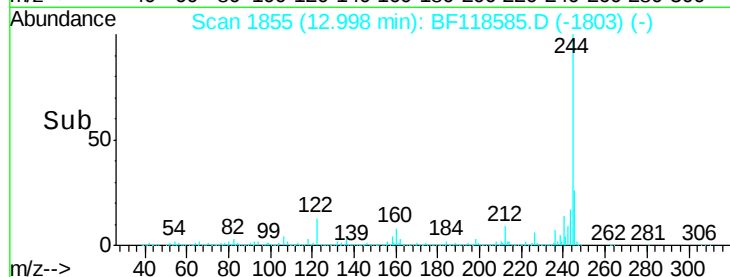
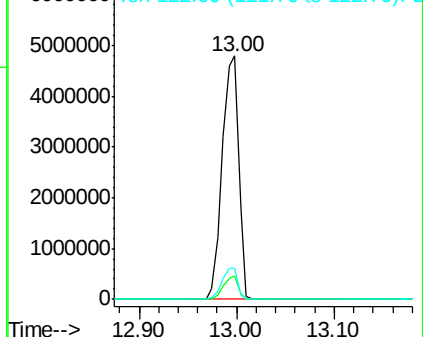
122 12.6 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.712 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

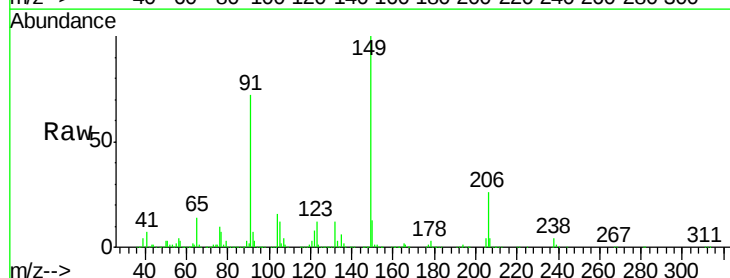
Tgt Ion:149 Resp: 1795840

Ion Ratio Lower Upper

149 100

91 71.8 56.5 84.7

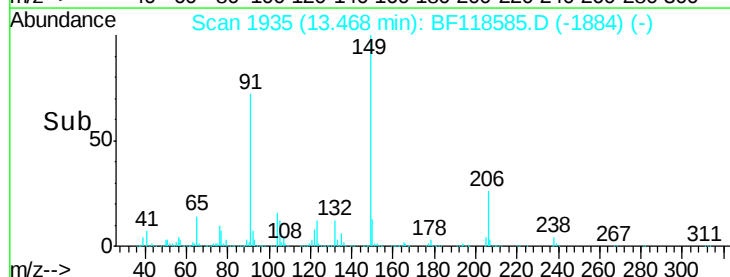
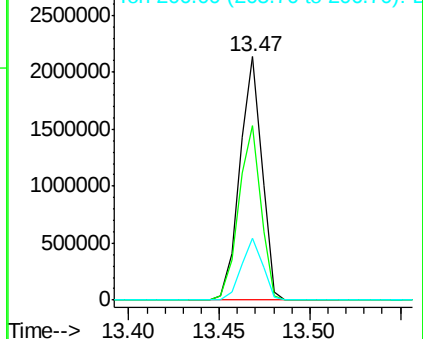
206 25.5 19.9 29.9

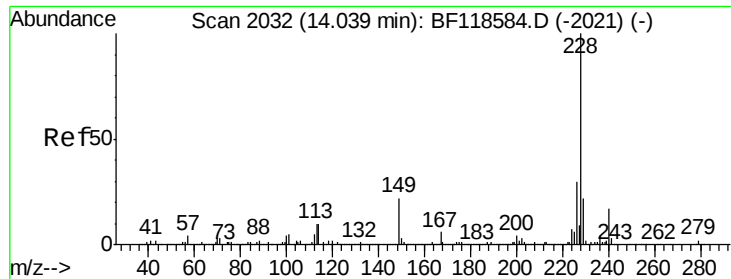


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.396 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3834975

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.1	36.1
229	22.7	17.6	26.4

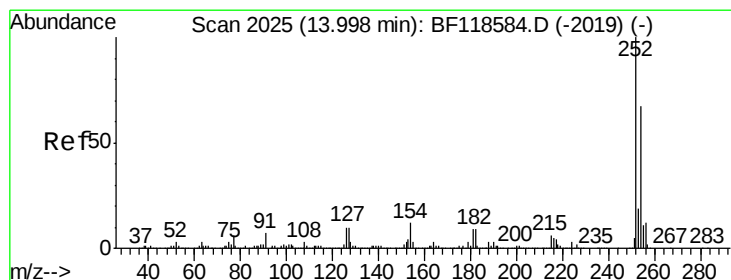
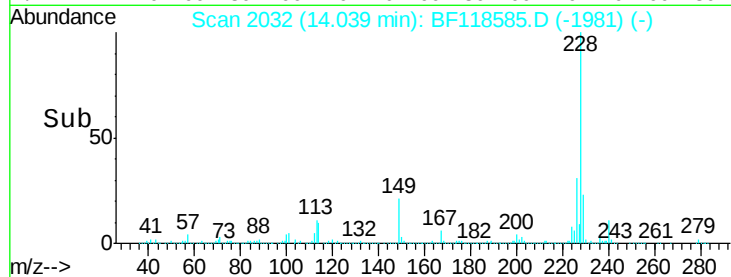
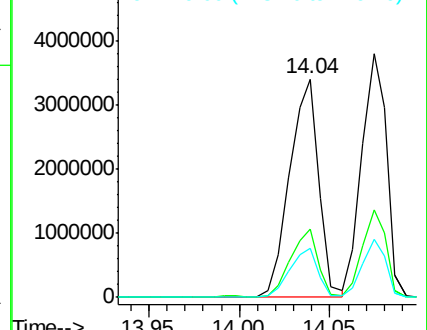


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 49.853 ng

RT: 14.00 min Scan# 2025

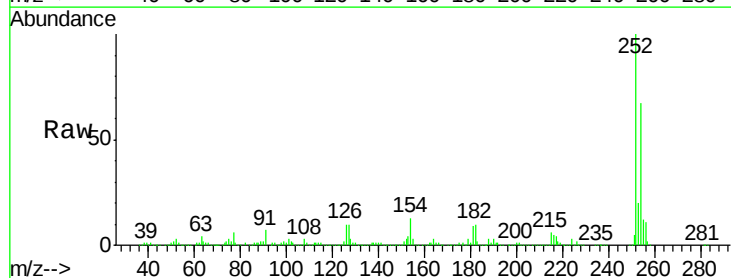
Delta R.T. 0.00 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Tgt Ion:252 Resp: 1385998

Ion	Ratio	Lower	Upper
252	100		
254	67.2	53.4	80.2
126	10.3	8.0	12.0

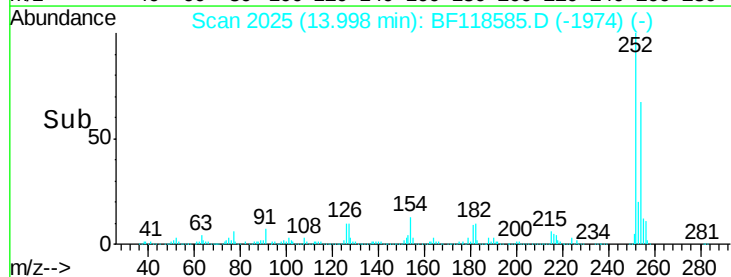
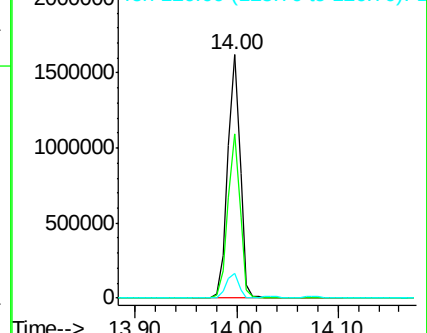


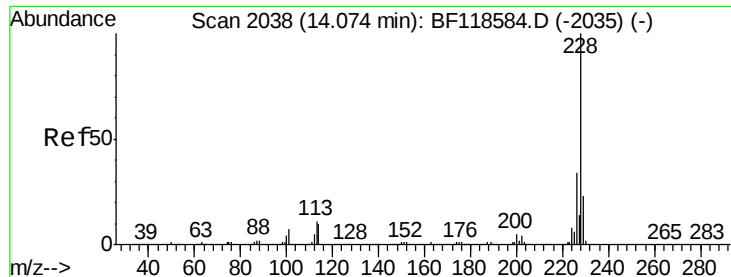
Abundance

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

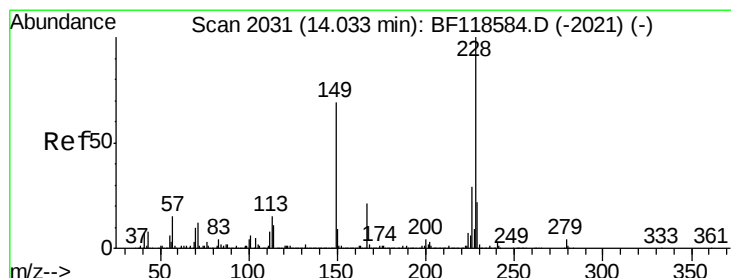
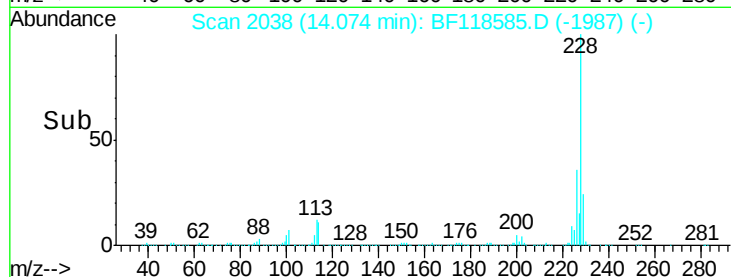
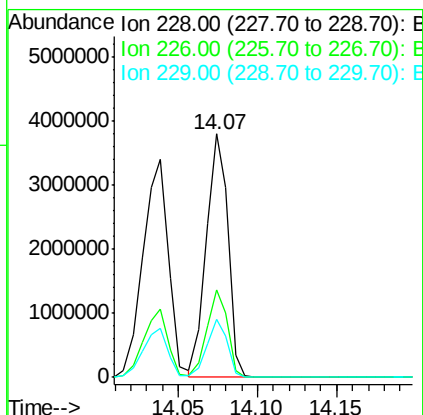
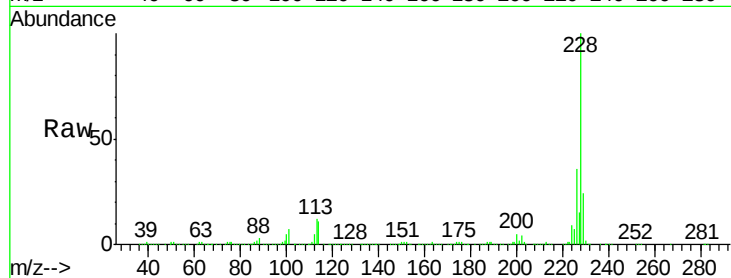




#83
 Chrvsene
 Concen: 47.711 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

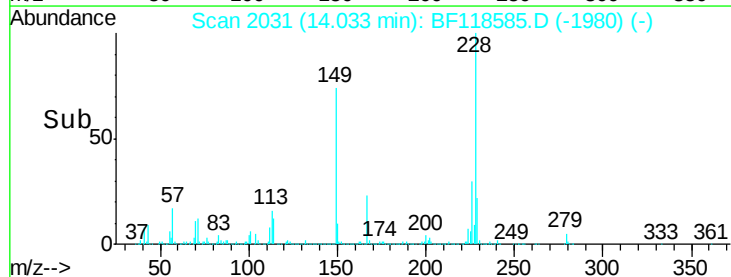
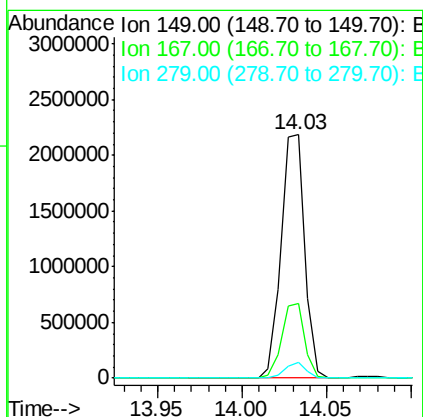
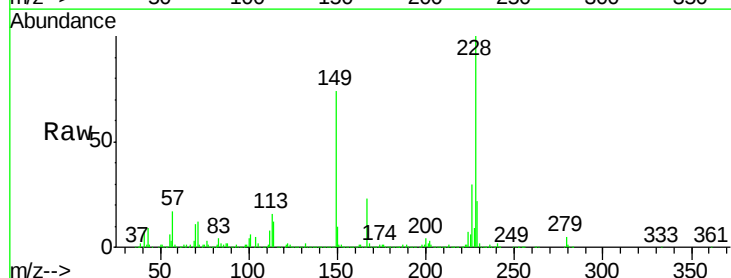
Instrument :
 BNA_F
 ClientSampleId :

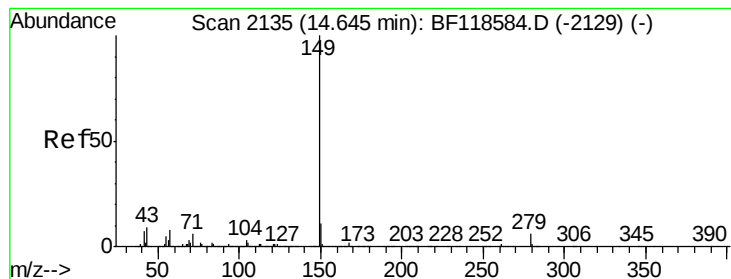
Tot Ion:228 Resp: 3636628
 Ion Ratio Lower Upper
 228 100
 226 36.0 27.4 41.0
 229 23.7 18.3 27.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.790 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF118585.D
 Acq: 20 Jan 2020 12:04

Tgt Ion:149 Resp: 2133229
 Ion Ratio Lower Upper
 149 100
 167 30.8 24.2 36.4
 279 6.6 5.0 7.4





#85

Di-n-octyl phthalate

Concen: 40.907 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

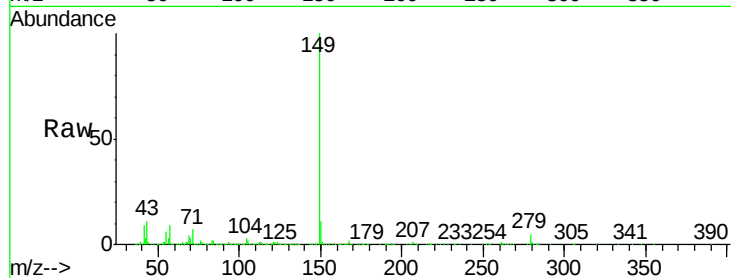
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 3122951

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.2	8.1	12.1

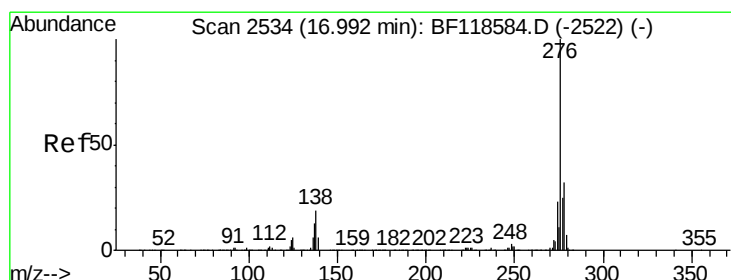
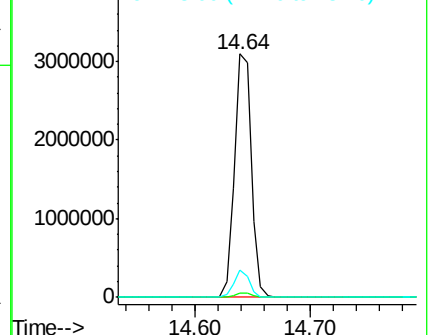
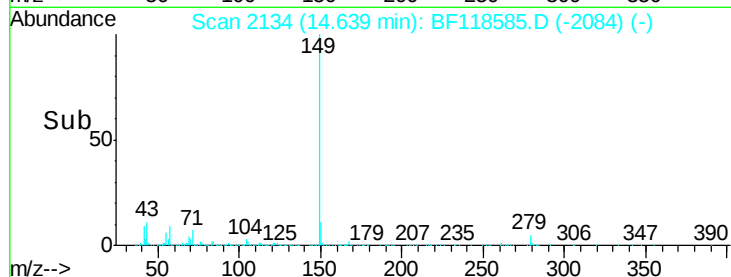


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.235 ng

RT: 17.00 min Scan# 2535

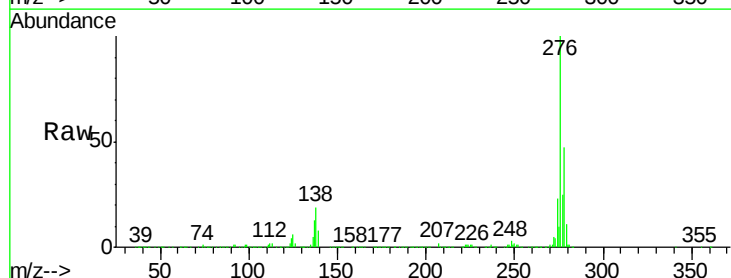
Delta R.T. 0.01 min

Lab File: BF118585.D

Acq: 20 Jan 2020 12:04

Tgt Ion:276 Resp: 3092932

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.2	25.8
277	25.3	20.5	30.7

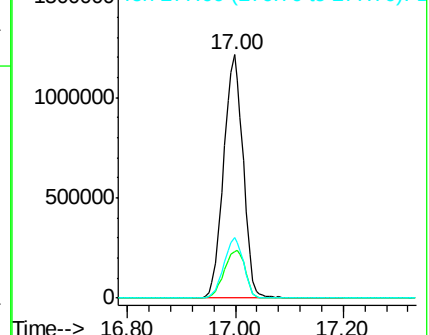
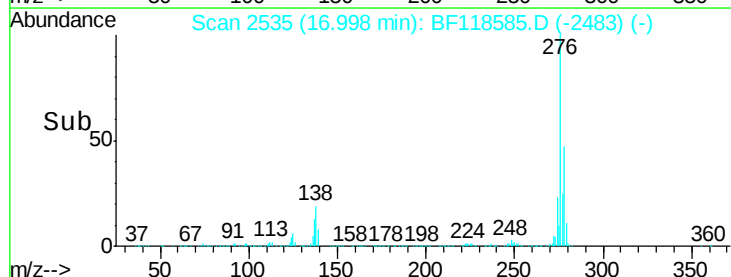


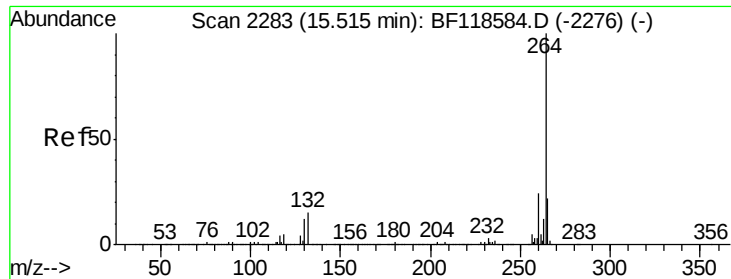
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



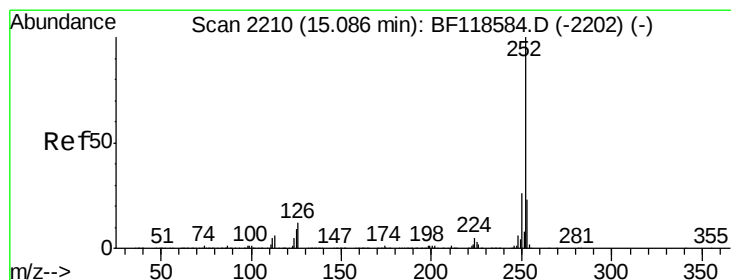
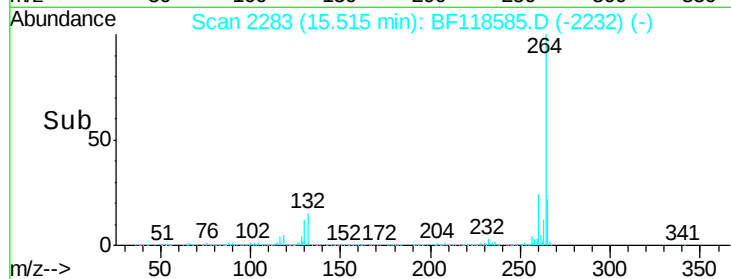
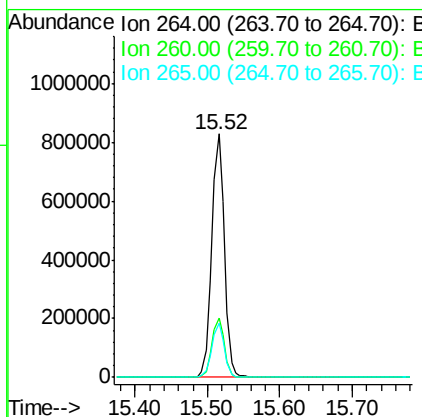
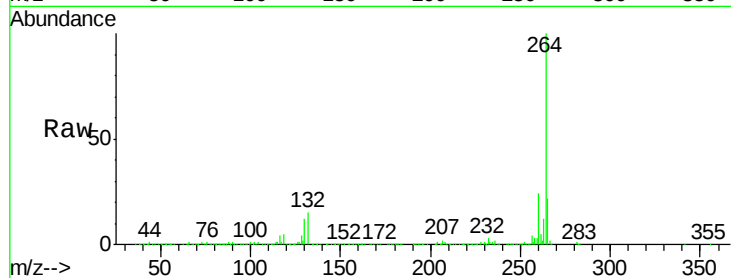


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1007819

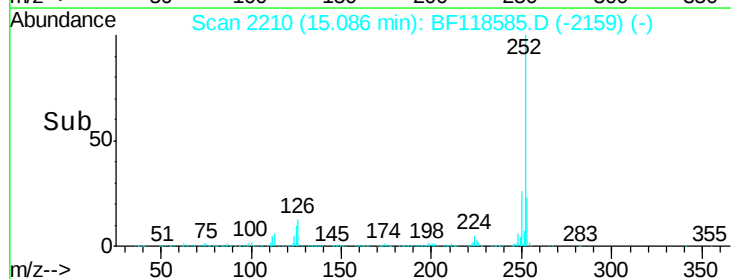
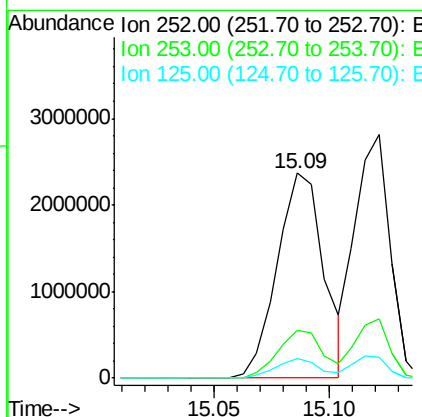
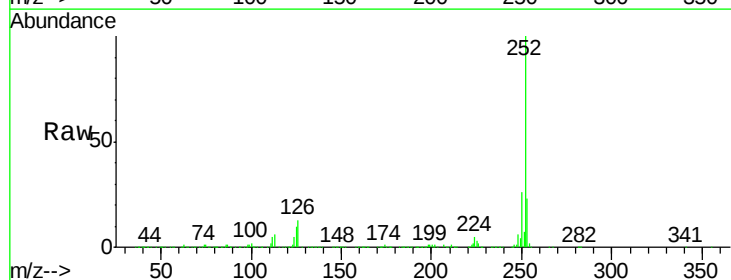
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.1	17.7	26.5

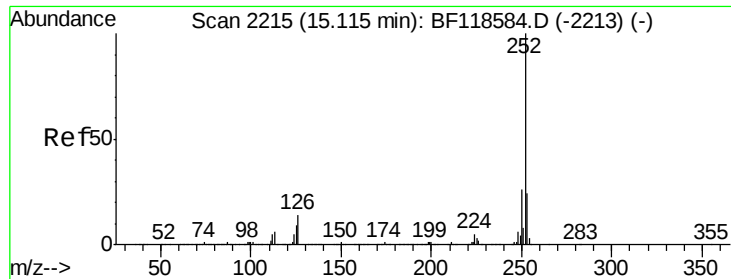


#88
Benzo(b)fluoranthene
Concen: 50.692 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion:252 Resp: 3327414

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	9.6	7.3	10.9

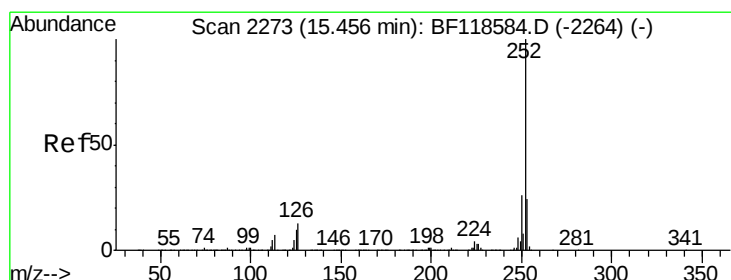
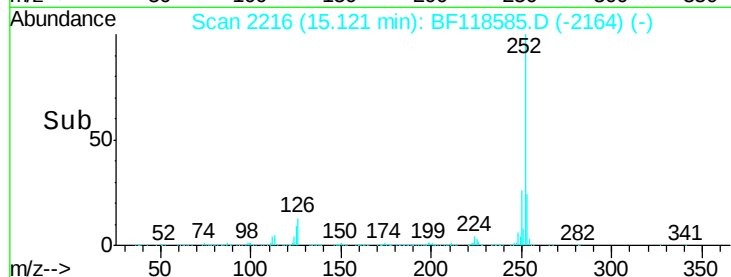
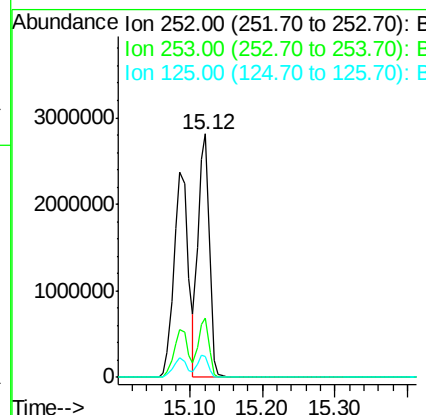
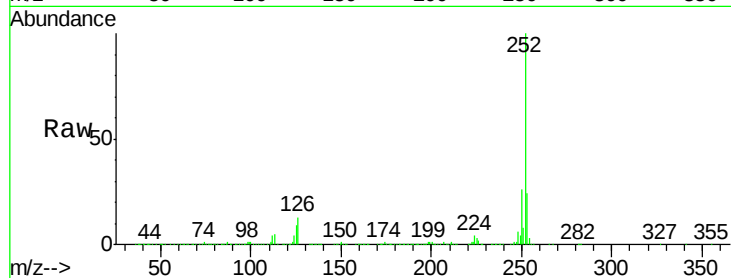




#89
Benzo(k)fluoranthene
Concen: 50.422 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

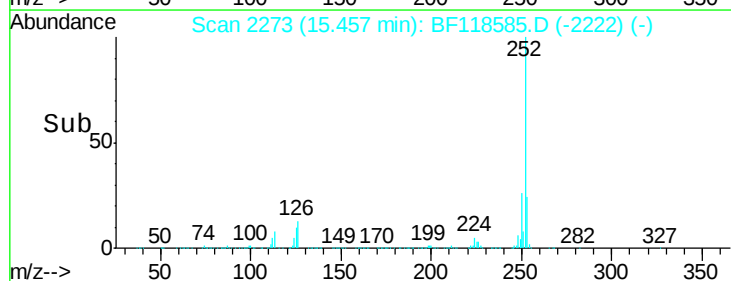
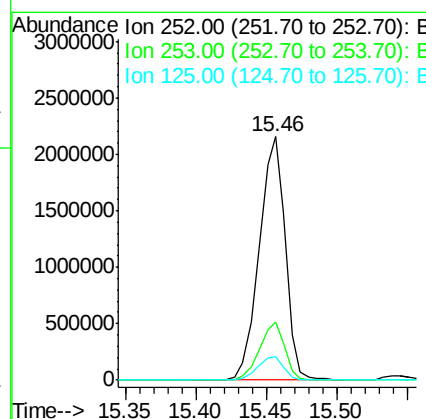
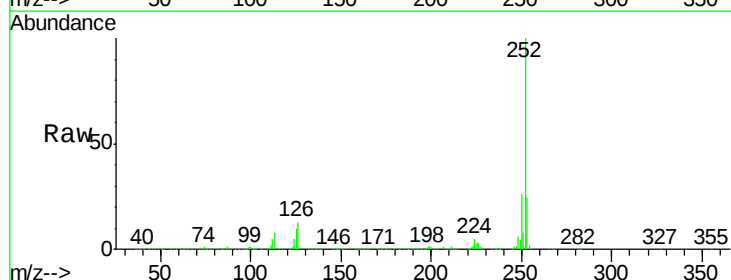
Instrument :
BNA_F
ClientSampleId :

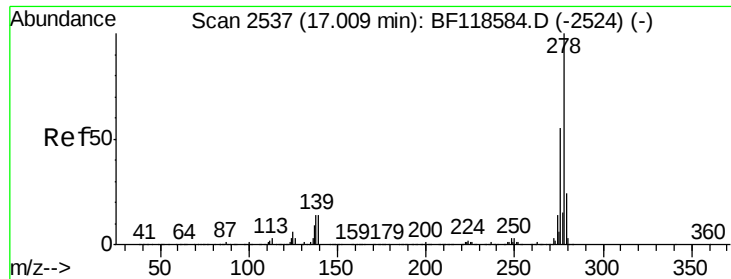
Tot Ion:252 Resp: 2991172
Ion Ratio Lower Upper
252 100
253 24.3 19.0 28.4
125 8.7 7.6 11.4



#90
Benzo(a)pyrene
Concen: 49.036 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion:252 Resp: 2800676
Ion Ratio Lower Upper
252 100
253 23.7 18.8 28.2
125 9.8 7.8 11.6

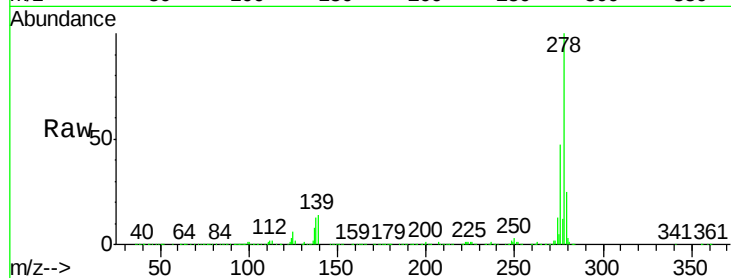




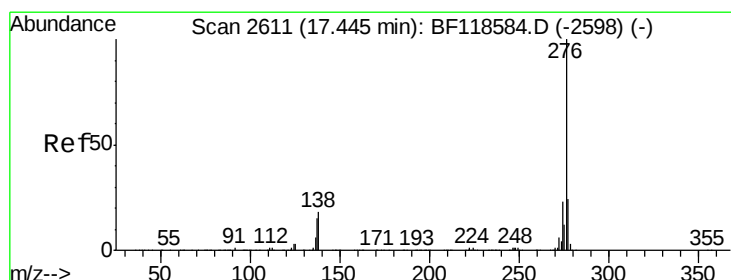
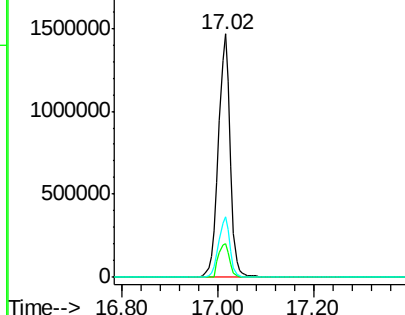
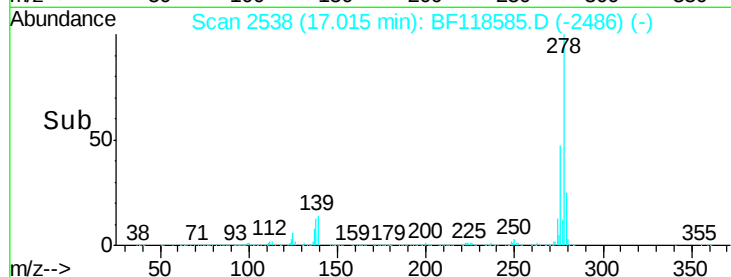
#91
Dibenzo(a,h)anthracene
Concen: 47.389 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2527954
Ion Ratio Lower Upper
278 100
139 14.1 11.4 17.0
279 25.0 19.0 28.6

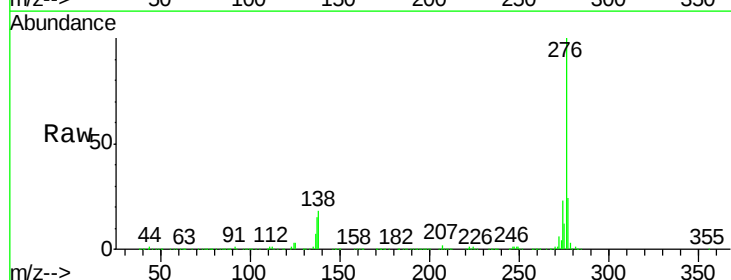


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.750 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BF118585.D
Acq: 20 Jan 2020 12:04

Tgt Ion:276 Resp: 2460441
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 18.0 14.4 21.6



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

