

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118885.D
 Acq On : 11 Feb 2020 15:33
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 12 06:48:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	359279	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	989891	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	546670	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1023220	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	745539	20.00	ng	0.00
87) Perylene-d12	15.42	264	735101	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1555631	81.96	ng	0.00
7) Phenol-d6	6.45	99	1960225	83.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	1778727	107.10	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	526202	80.45	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2476658	80.99	ng	-0.01
79) Terphenyl-d14	12.92	244	2956800	81.46	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	376924	43.576	ng	99
3) Pyridine	3.30	79	1044422	43.484	ng	99
4) n-Nitrosodimethylamine	3.25	42	395836	45.265	ng	97
6) Aniline	6.47	93	1237230	40.772	ng	95
8) 2-Chlorophenol	6.60	128	875560	41.416	ng	98
9) Benzaldehyde	6.36	77	553352	41.098	ng	98
10) Phenol	6.46	94	1054583	40.255	ng	80
11) bis(2-Chloroethyl)ether	6.55	93	833055	41.564	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1022349	40.628	ng	99
13) 1,4-Dichlorobenzene	6.83	146	1020111	40.641	ng	99
14) 1,2-Dichlorobenzene	6.98	146	930838	38.821	ng	98
15) Benzyl Alcohol	6.95	79	736100	40.419	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1011646	41.216	ng	95
17) 2-Methylphenol	7.07	107	709939	40.392	ng	99
18) Hexachloroethane	7.32	117	355220	39.430	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	562592	39.026	ng	98
20) 3+4-Methylphenols	7.22	107	811582	36.839	ng	# 85
22) Acetophenone	7.22	105	1135482	52.797	ng	99
24) Nitrobenzene	7.39	77	893109	53.832	ng	99
25) Isophorone	7.63	82	1166667	39.088	ng	99
26) 2-Nitrophenol	7.71	139	368920	41.730	ng	96
27) 2,4-Dimethylphenol	7.75	122	480717	40.029	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	754204	38.968	ng	99
29) 2,4-Dichlorophenol	7.96	162	578073	40.194	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	668531	39.769	ng	99
31) Naphthalene	8.12	128	1832874	40.484	ng	100
32) Benzoic acid	7.89	122	373233	37.538	ng	99
33) 4-Chloroaniline	8.16	127	812185	40.097	ng	99
34) Hexachlorobutadiene	8.23	225	401399	38.975	ng	99
35) Caprolactam	8.55	113	186206	39.939	ng	93
36) 4-Chloro-3-methylphenol	8.65	107	582501	40.246	ng	99
37) 2-Methylnaphthalene	8.80	142	1251169	39.847	ng	97
38) 1-Methylnaphthalene	8.90	142	1174618	39.766	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	665021	40.307	ng	100

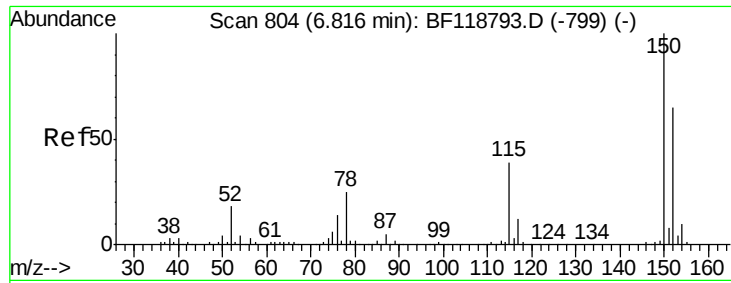
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	236807	36.604	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	435680	39.489	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	454253	40.295	nq	96
46) 1,1'-Biphenyl	9.27	154	1538788	40.692	nq	100
47) 2-Chloronaphthalene	9.29	162	1270533	40.415	nq	99
48) 2-Nitroaniline	9.39	65	378423	41.735	nq	91
49) Acenaphthylene	9.71	152	1864336	41.072	nq	99
50) Dimethylphthalate	9.57	163	1511385	40.603	nq	99
51) 2,6-Dinitrotoluene	9.63	165	349043	40.982	nq	93
52) Acenaphthene	9.88	154	1119608	37.431	nq	100
53) 3-Nitroaniline	9.80	138	393565	41.666	nq	94
54) 2,4-Dinitrophenol	9.91	184	159280	38.901	nq	92
55) Dibenzofuran	10.05	168	1686936	39.025	nq	99
56) 4-Nitrophenol	9.97	139	252788	36.978	nq	97
57) 2,4-Dinitrotoluene	10.04	165	461210	40.919	nq	97
58) Fluorene	10.40	166	1280945	39.389	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	381983	38.799	nq	99
60) Diethylphthalate	10.27	149	1409678	38.947	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	683613	38.762	nq	100
62) 4-Nitroaniline	10.42	138	399714	42.257	nq	99
63) Azobenzene	10.55	77	1222206	39.552	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	240638	41.853	nq	86
66) n-Nitrosodiphenylamine	10.50	169	1184875	39.977	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	477977	39.488	nq	99
68) Hexachlorobenzene	10.95	284	552899	39.824	nq	# 93
69) Atrazine	11.03	200	374765	37.953	nq	98
70) Pentachlorophenol	11.14	266	245305	33.463	nq	98
71) Phenanthrene	11.36	178	1976956	39.269	nq	99
72) Anthracene	11.41	178	1965267	39.240	nq	99
73) Carbazole	11.56	167	1802680	41.013	nq	99
74) Di-n-butylphthalate	11.89	149	2106918	37.629	nq	99
75) Fluoranthene	12.54	202	2107041	38.333	nq	100
77) Benzidine	12.66	184	818579	36.302	nq	99
78) Pyrene	12.77	202	2136914	41.781	nq	100
80) Butylbenzylphthalate	13.39	149	926848	39.703	nq	100
81) Benzo(a)anthracene	13.96	228	1850971	41.722	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	738988	40.727	nq	100
83) Chrysene	14.00	228	1821747	40.914	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1152415	38.910	nq	100
85) Di-n-octyl phthalate	14.56	149	1896112	37.370	nq	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	1602615	35.823	nq	100
88) Benzo(b)fluoranthene	15.00	252	1915869	42.001	nq	99
89) Benzo(k)fluoranthene	15.03	252	1568232	39.481	nq	99
90) Benzo(a)pyrene	15.36	252	1557610	39.901	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	1315861	37.971	nq	99
92) Benzo(g,h,i)perylene	17.29	276	1279325	38.386	nq	99

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

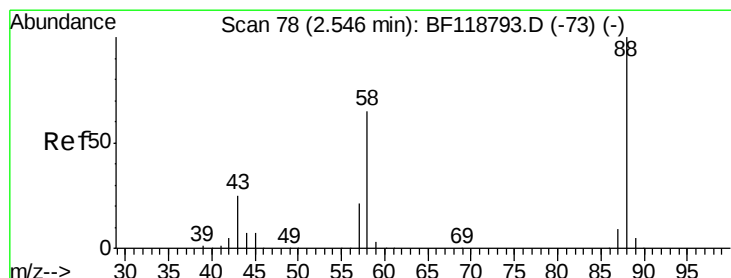
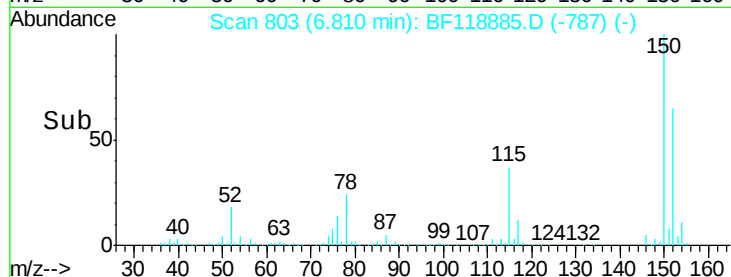
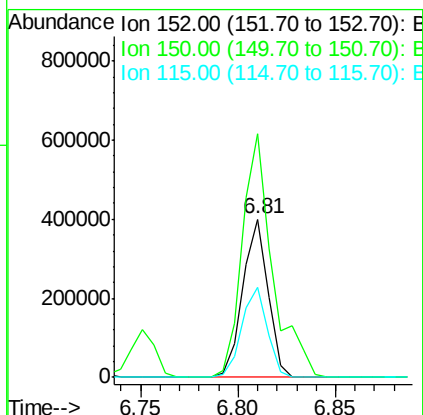
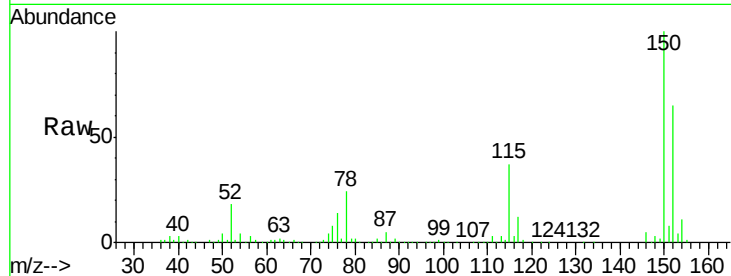


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

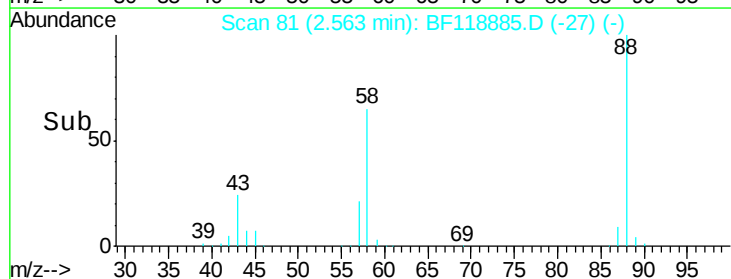
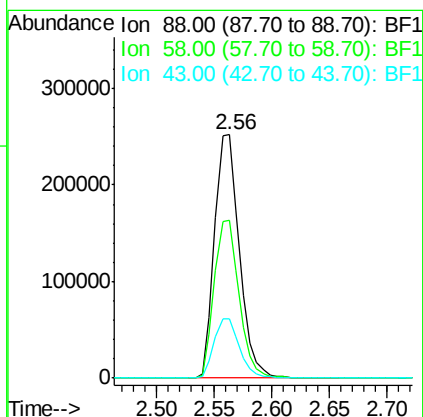
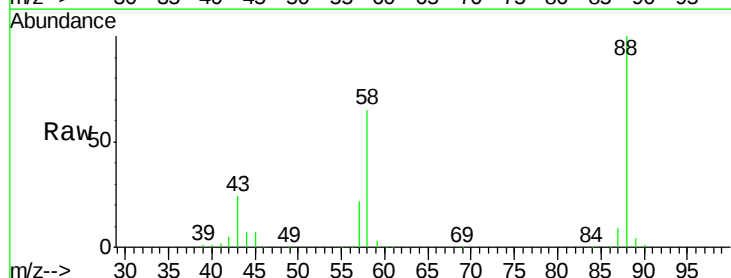
Tot Ion:152 Resp: 359279
Ion Ratio Lower Upper
152 100
150 153.9 123.6 185.4
115 56.6 48.2 72.2

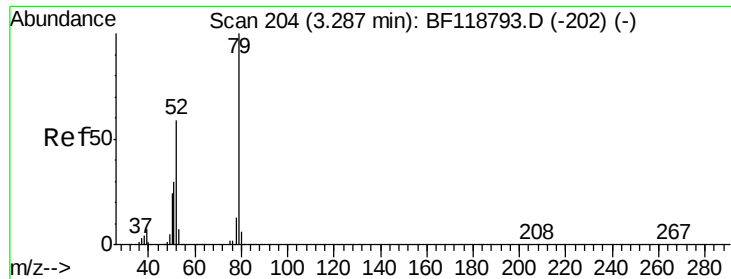


#2

1,4-Dioxane
Concen: 43.576 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.02 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion: 88 Resp: 376924
Ion Ratio Lower Upper
88 100
58 65.0 51.6 77.4
43 24.9 19.8 29.6





#3

Pvridine

Concen: 43.484 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.02 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

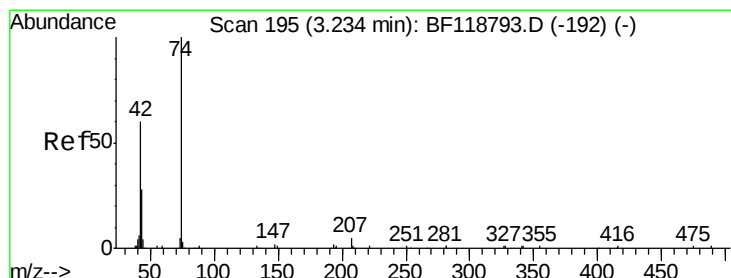
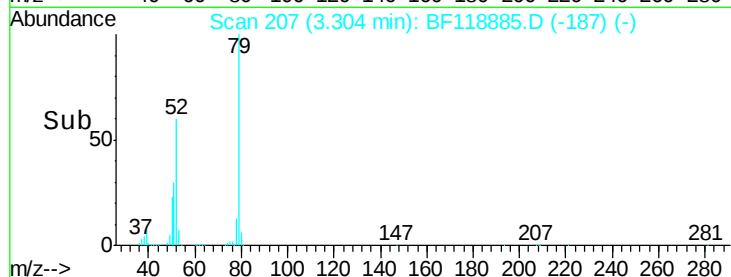
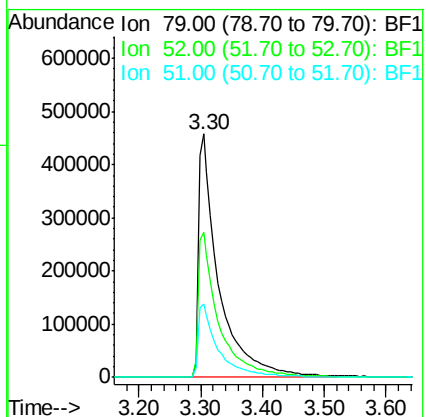
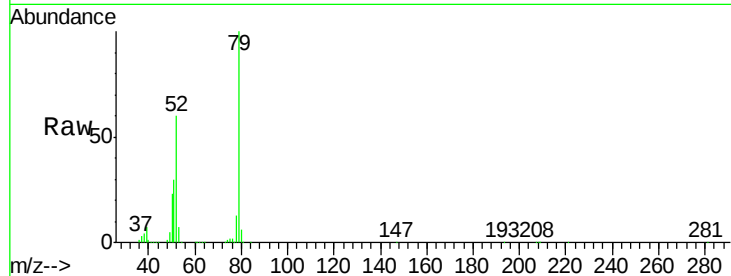
Tot Ion: 79 Resp: 1044422

Ion Ratio Lower Upper

79 100

52 59.6 47.4 71.0

51 29.9 24.2 36.4



#4

n-Nitrosodimethylamine

Concen: 45.265 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.02 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

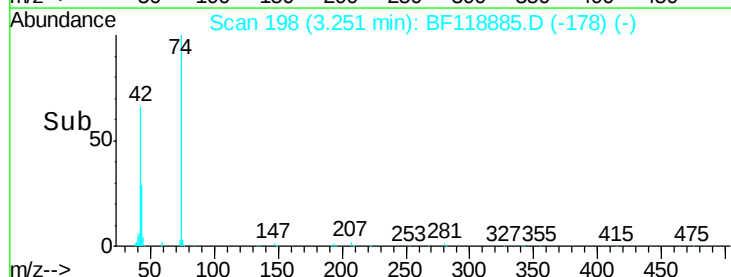
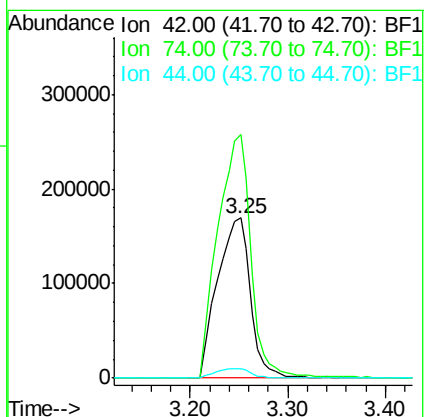
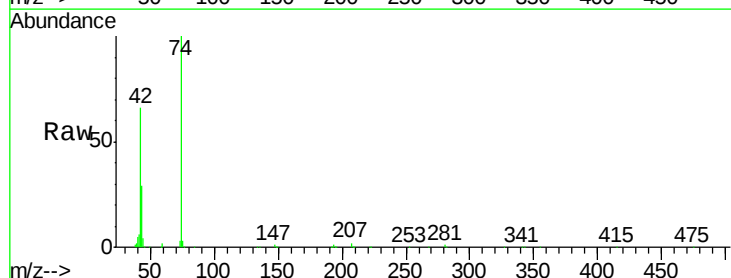
Tgt Ion: 42 Resp: 395836

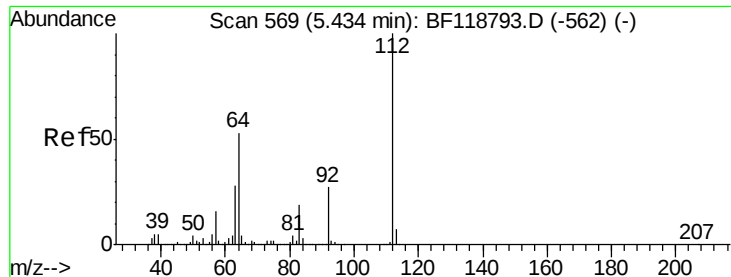
Ion Ratio Lower Upper

42 100

74 151.8 124.3 186.5

44 6.2 5.3 7.9





#5

2-Fluorophenol

Concen: 81.961 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

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ClientSampleId :

SSTDCCC040

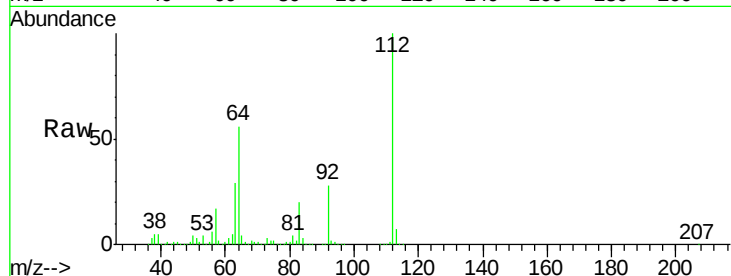
Tot Ion:112 Resp: 1555631

Ion Ratio Lower Upper

112 100

64 56.1 42.6 63.8

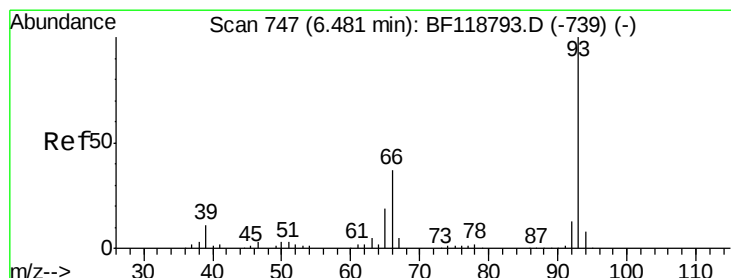
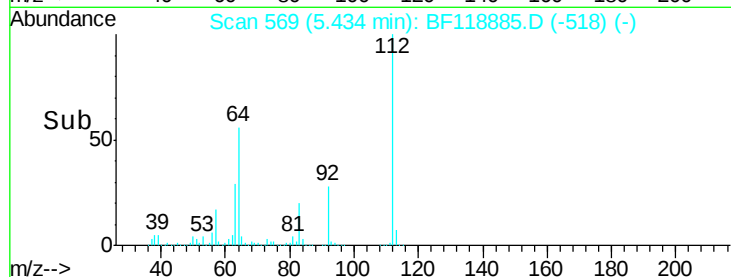
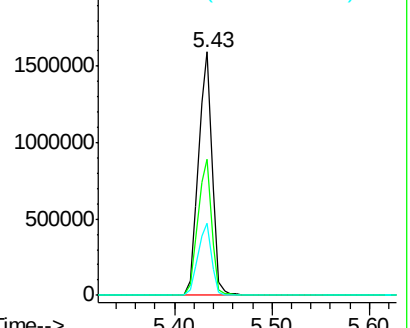
63 29.4 22.2 33.4



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: 40.772 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

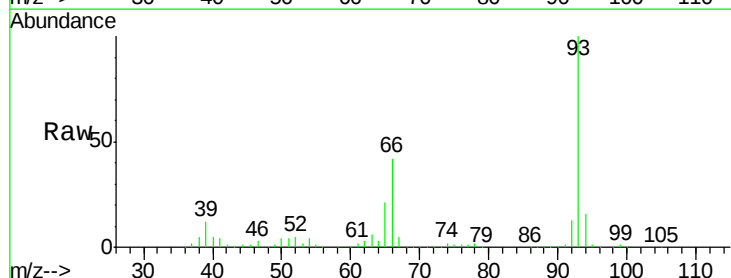
Tgt Ion: 93 Resp: 1237230

Ion Ratio Lower Upper

93 100

66 41.7 30.8 46.2

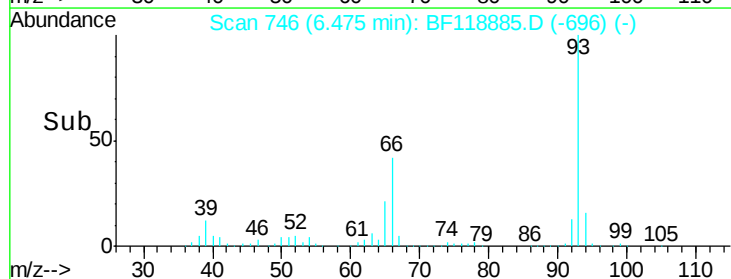
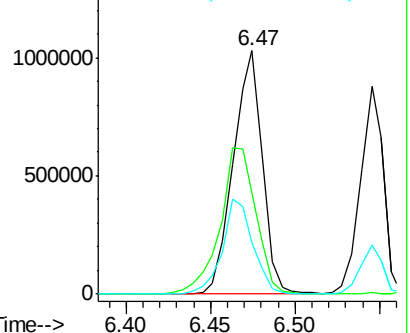
65 21.4 15.4 23.0

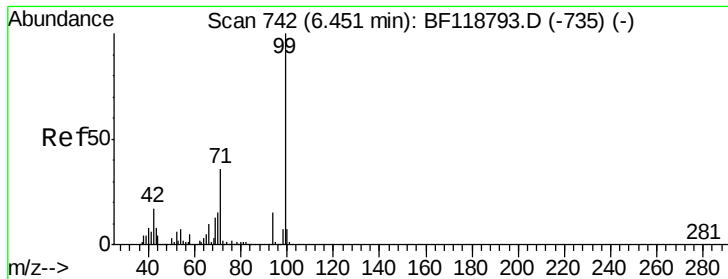


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.198 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118885.D

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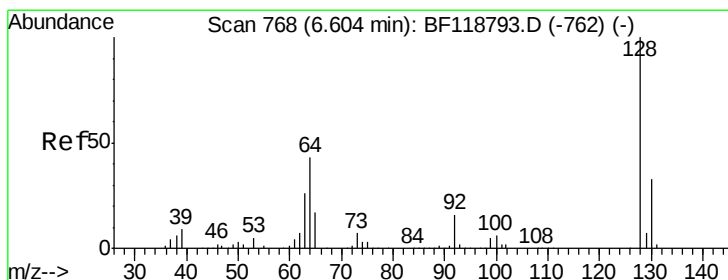
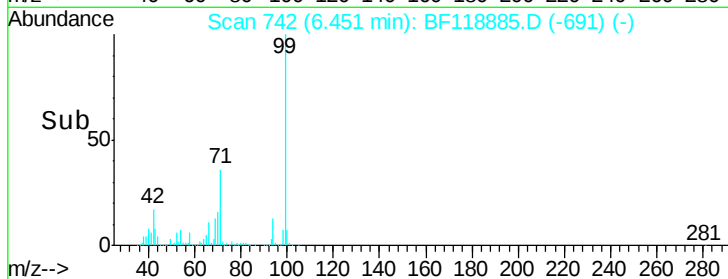
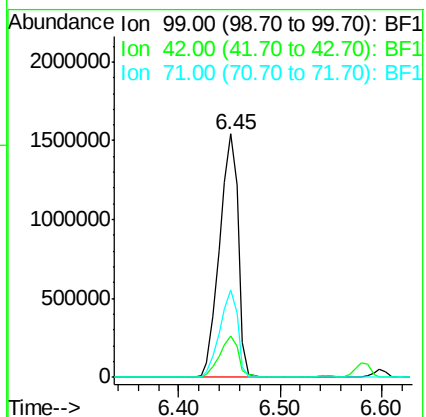
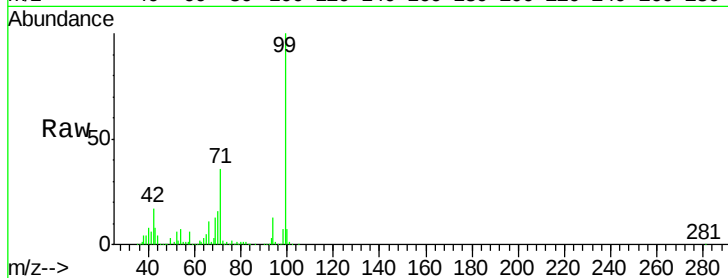
Tot Ion: 99 Resp: 1960225

Ion Ratio Lower Upper

99 100

42 16.9 13.4 20.0

71 36.0 29.0 43.6



#8

2-Chlorophenol

Concen: 41.416 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

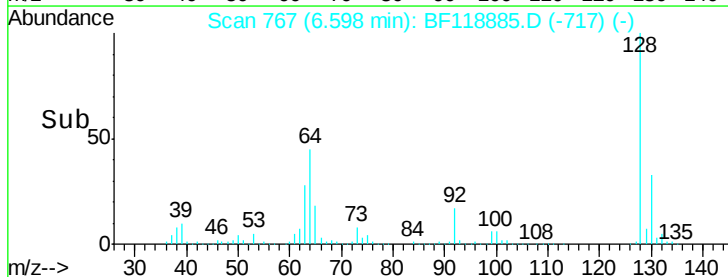
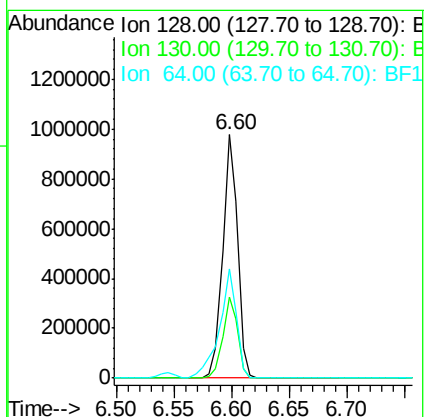
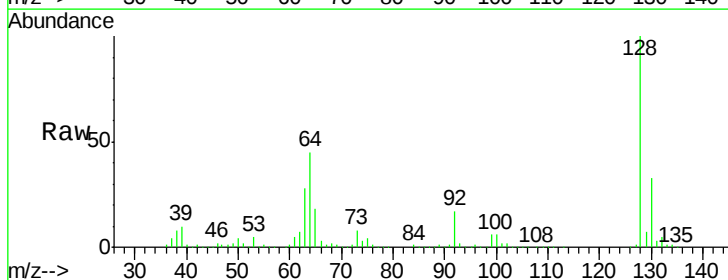
Tgt Ion: 128 Resp: 875560

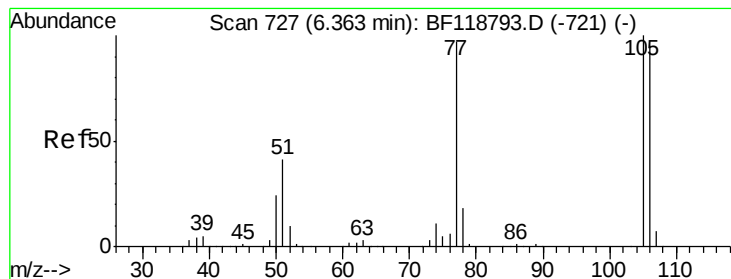
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 44.8 23.0 63.0





#9

Benzaldehyde

Concen: 41.098 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

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ClientSampleId :

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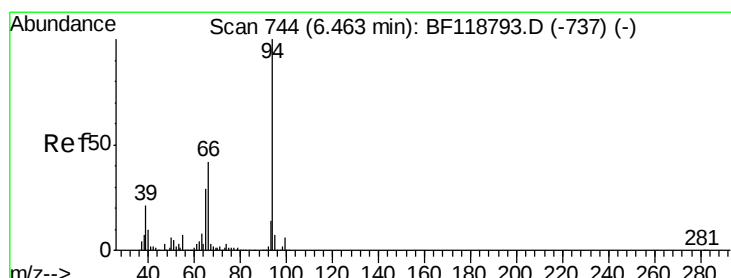
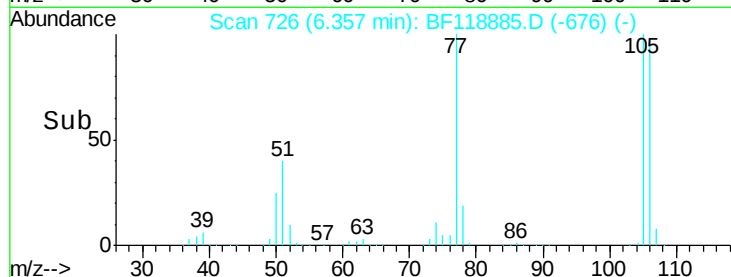
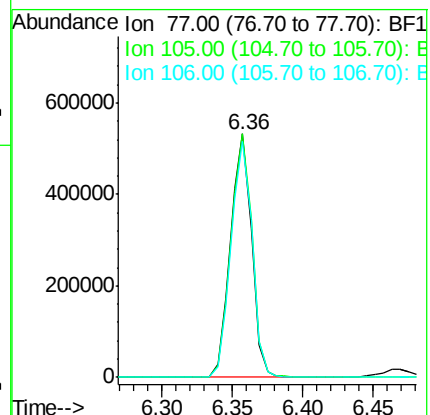
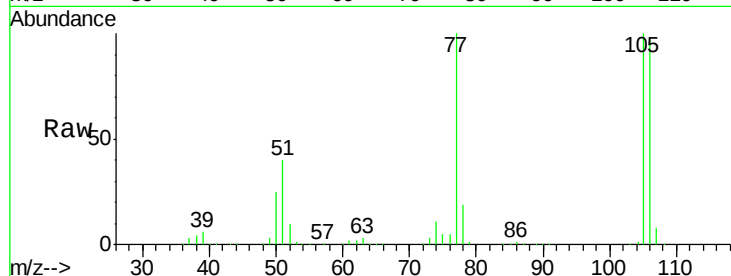
Tot Ion: 77 Resp: 553352

Ion Ratio Lower Upper

77 100

105 100.2 82.8 122.8

106 96.9 78.1 118.1



#10

Phenol

Concen: 40.255 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

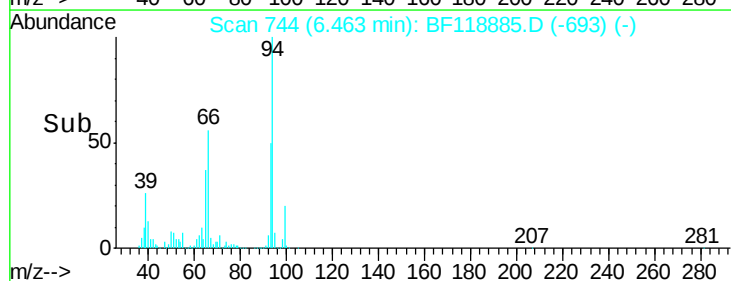
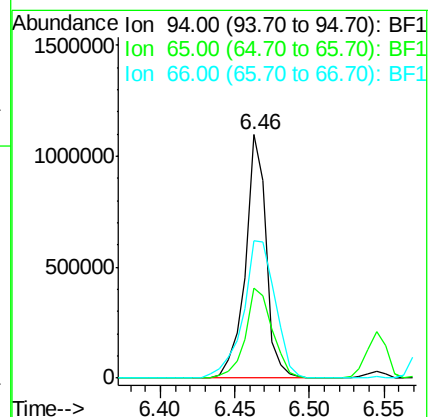
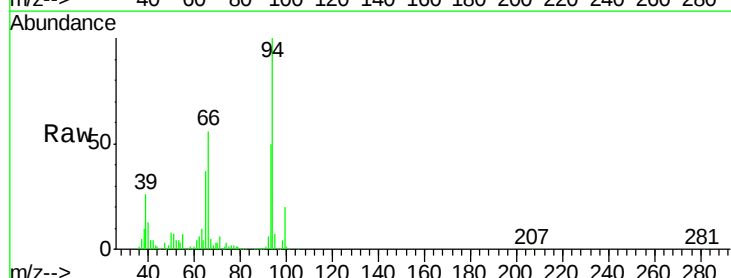
Tgt Ion: 94 Resp: 1054583

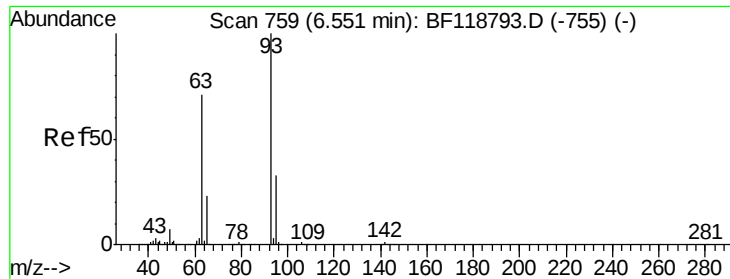
Ion Ratio Lower Upper

94 100

65 36.8 9.1 49.1

66 56.4 21.7 61.7

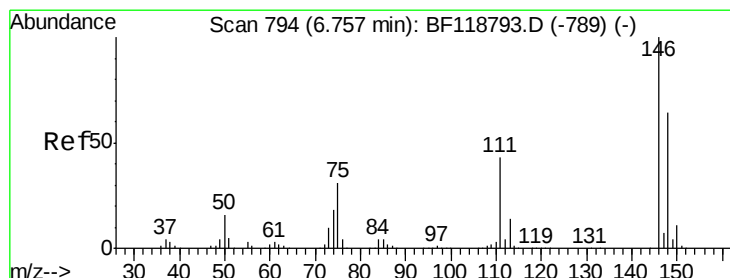
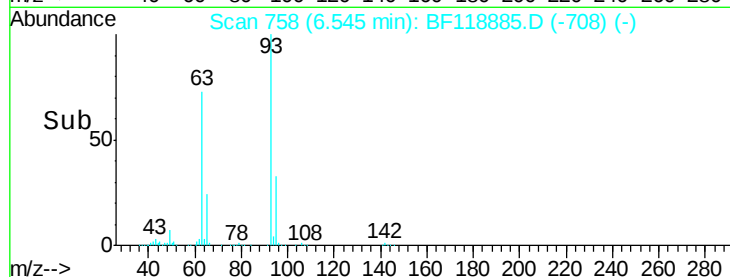
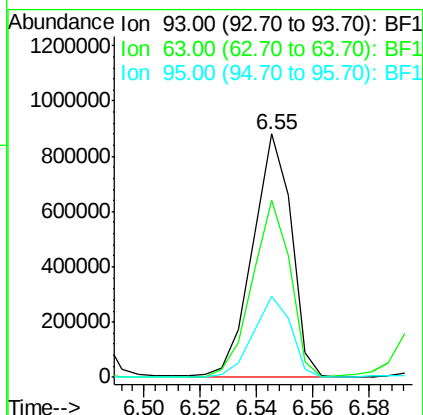
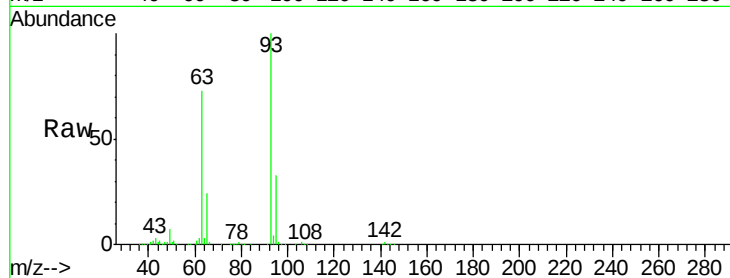




#11
bis(2-Chloroethyl)ether
Concen: 41.564 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

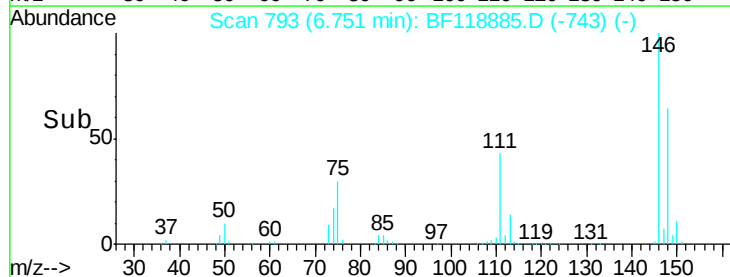
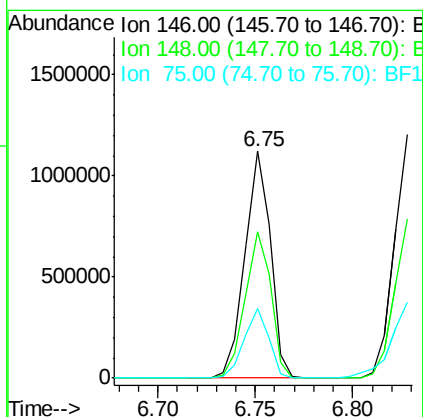
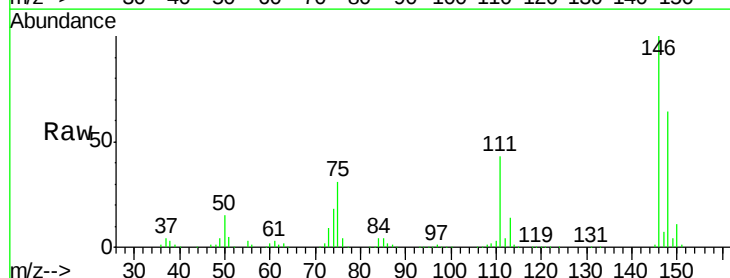
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

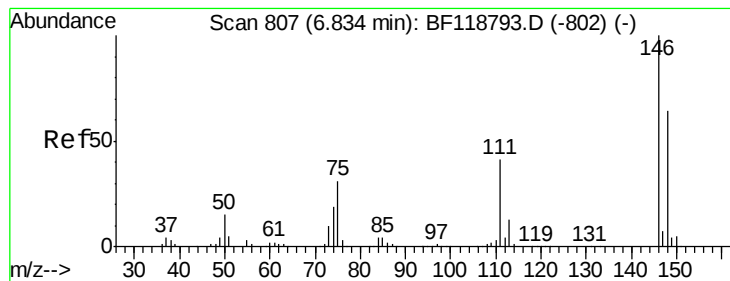
Tot Ion: 93 Resp: 833055
Ion Ratio Lower Upper
93 100
63 72.8 50.7 90.7
95 33.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.628 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion: 146 Resp: 1022349
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
75 30.8 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 40.641 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

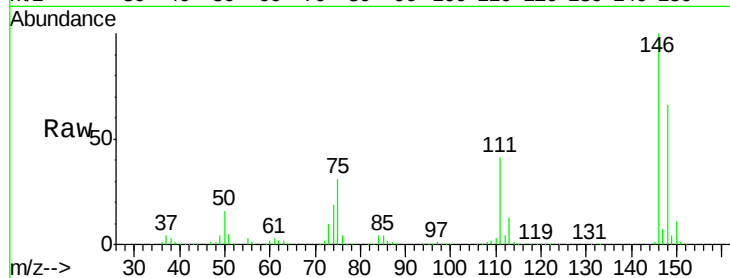
Tot Ion:146 Resp: 1020111

Ion Ratio Lower Upper

146 100

148 65.5 51.6 77.4

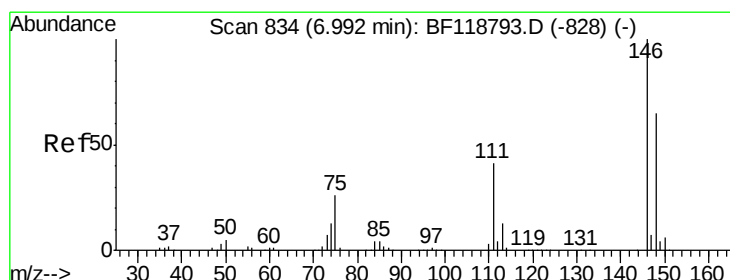
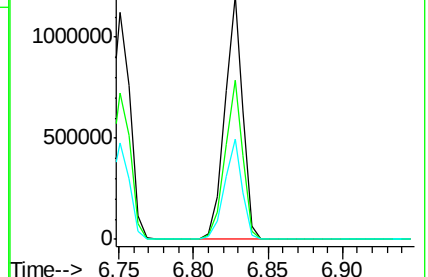
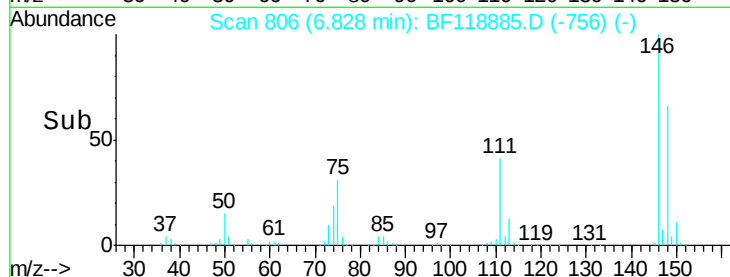
111 41.2 32.9 49.3



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: 38.821 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

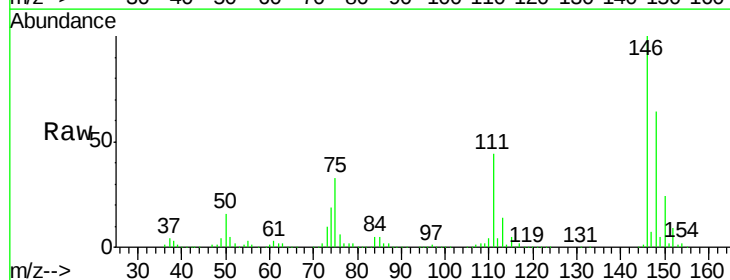
Tgt Ion:146 Resp: 930838

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

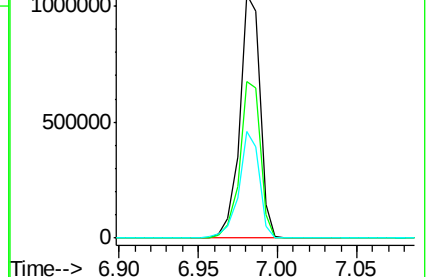
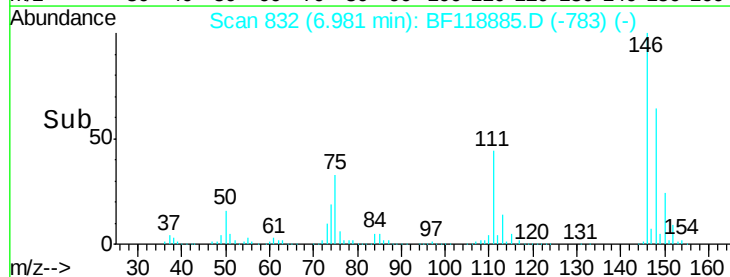
111 43.9 32.7 49.1

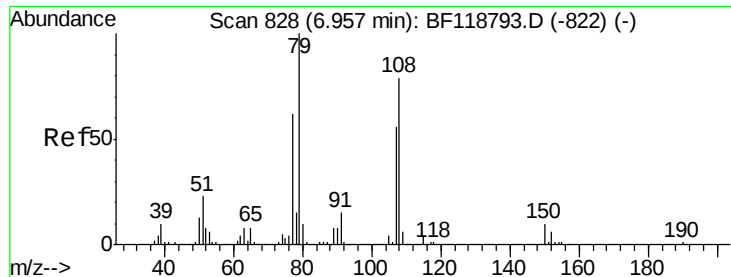


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.419 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

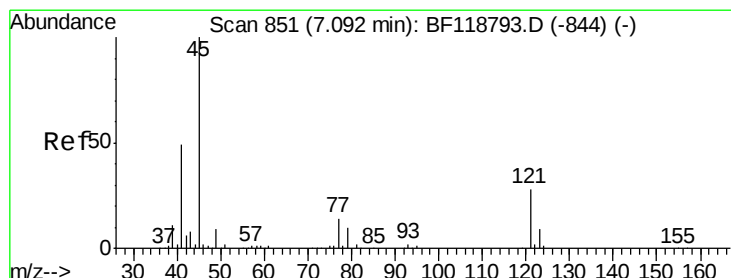
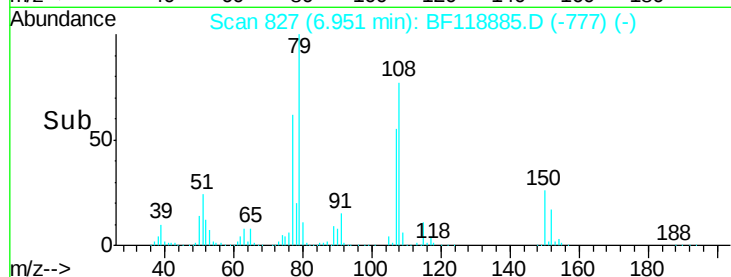
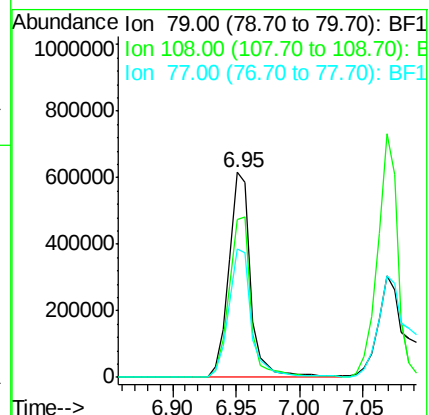
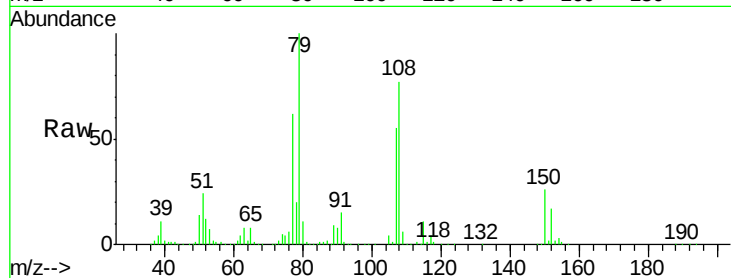
Tot Ion: 79 Resp: 736100

Ion Ratio Lower Upper

79 100

108 77.0 62.9 94.3

77 62.5 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.216 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

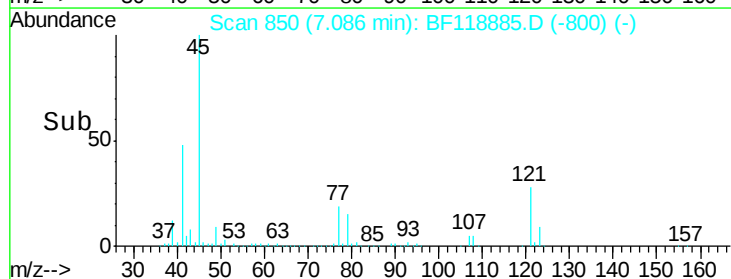
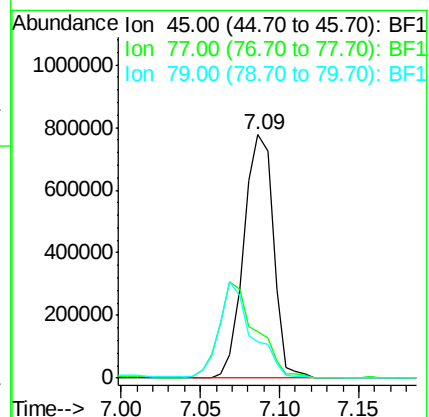
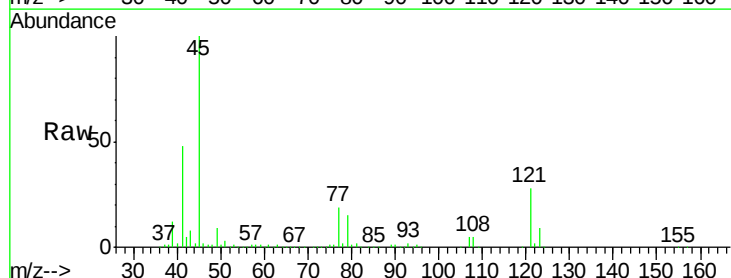
Tgt Ion: 45 Resp: 1011646

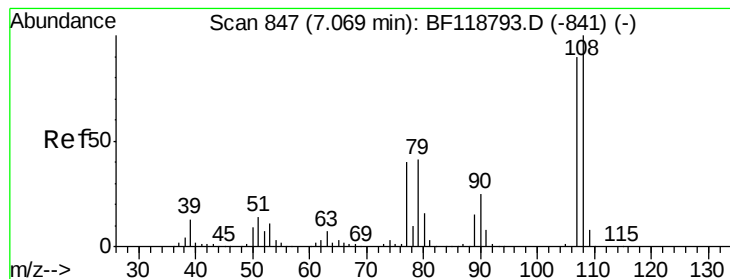
Ion Ratio Lower Upper

45 100

77 19.2 0.0 37.1

79 15.0 0.0 33.1





#17

2-Methylphenol

Concen: 40.392 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 709939

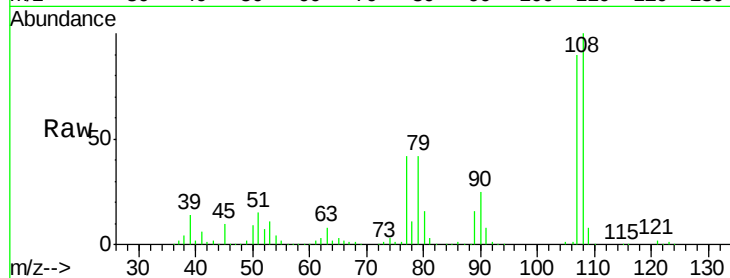
Ion Ratio Lower Upper

107 100

108 111.7 89.3 133.9

77 46.8 36.2 54.2

79 46.8 36.3 54.5

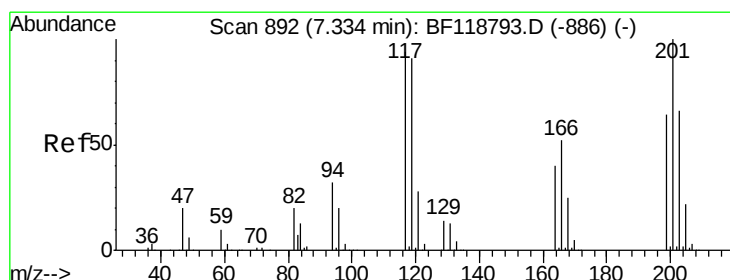
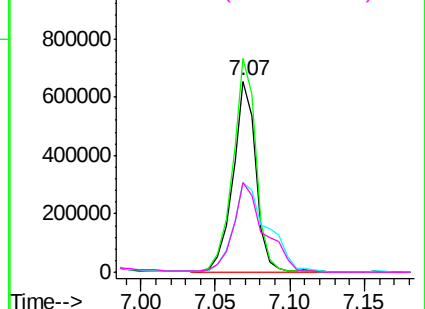
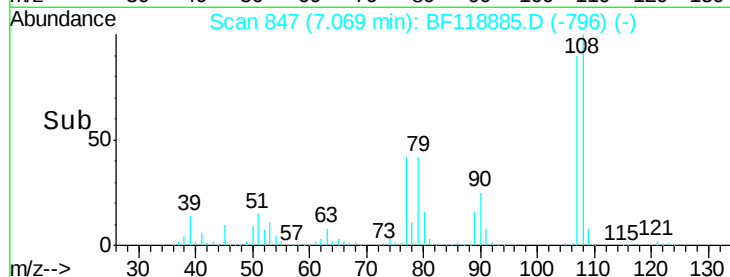


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.430 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

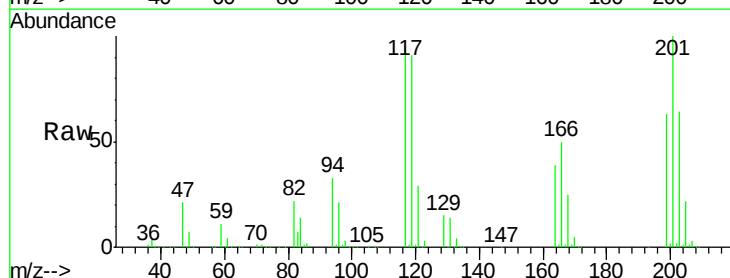
Tgt Ion:117 Resp: 355220

Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.0

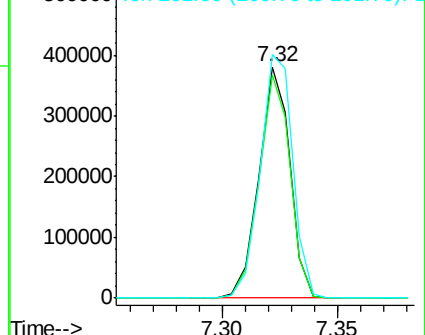
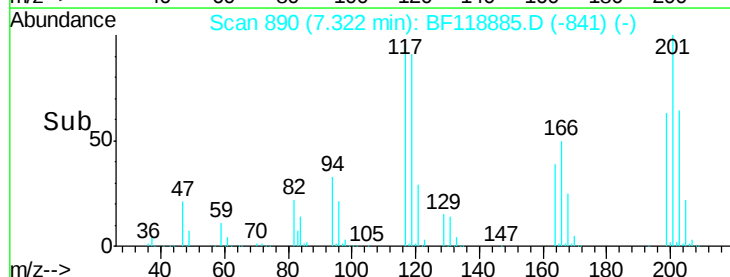
201 105.4 85.1 127.7

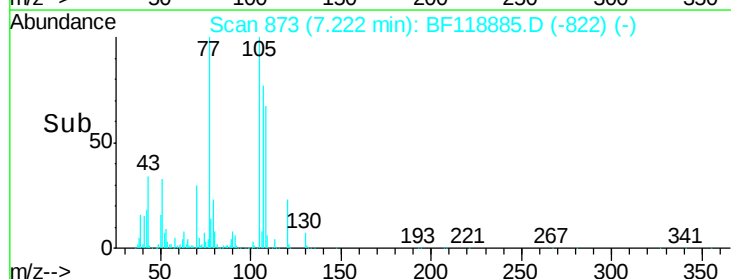
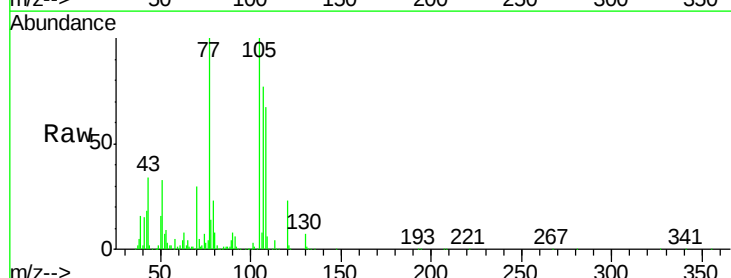
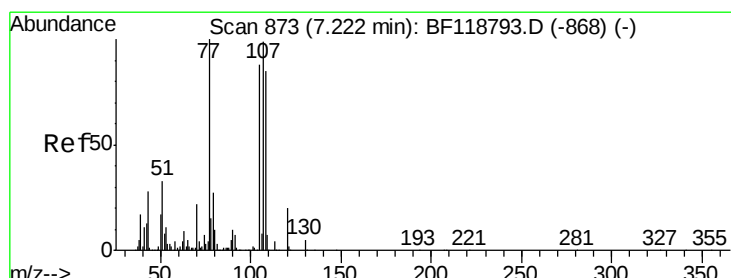
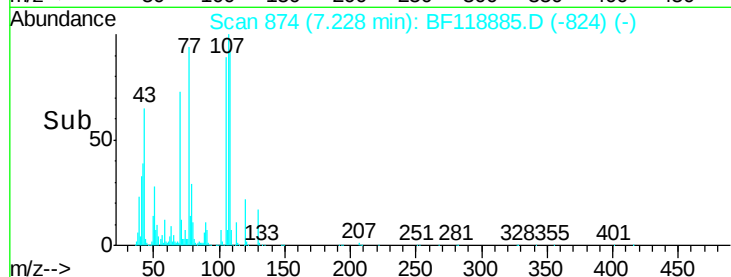
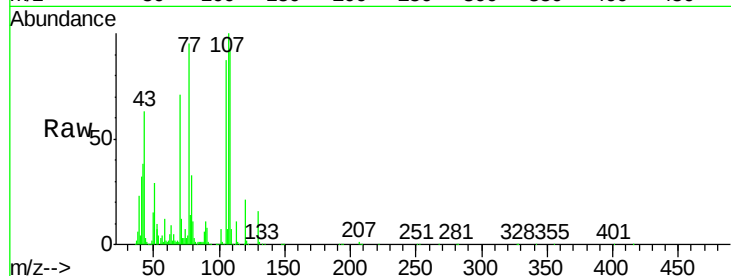
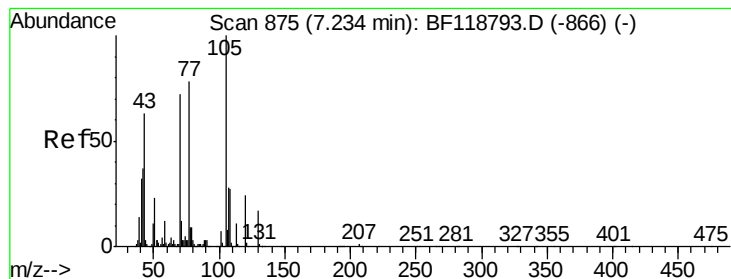


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.026 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 562592

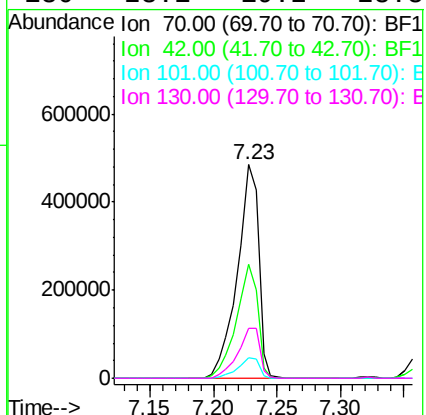
Ion Ratio Lower Upper

70 100

42 53.5 41.5 62.3

101 9.8 8.3 12.5

130 23.1 19.2 28.8



#20

3+4-Methylphenols

Concen: 36.839 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Tgt Ion:107 Resp: 811582

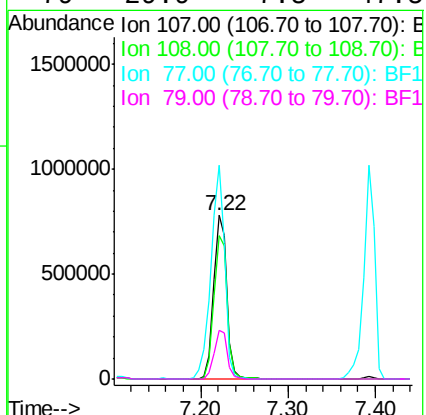
Ion Ratio Lower Upper

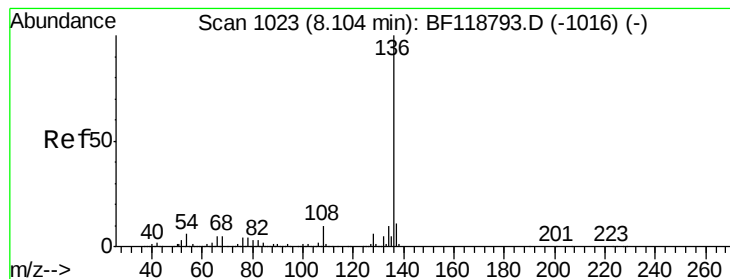
107 100

108 87.5 65.9 105.9

77 130.6 80.9 120.9#

79 29.9 7.5 47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 989891

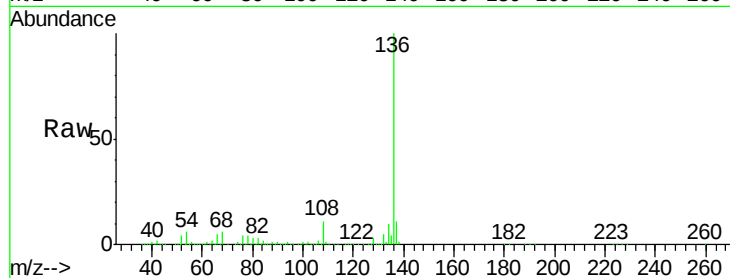
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.5 5.0 7.6

68 5.8 4.2 6.4

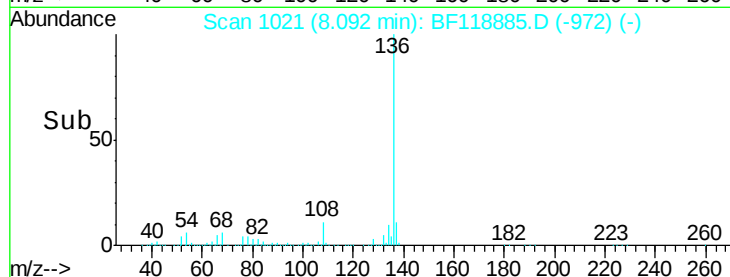


Abundance Ion 136.00 (135.70 to 136.70): E

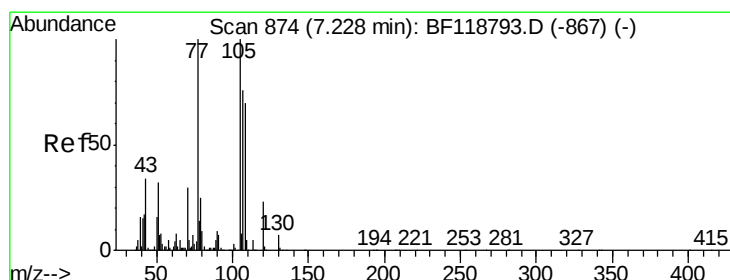
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 52.797 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Tgt Ion:105 Resp: 1135482

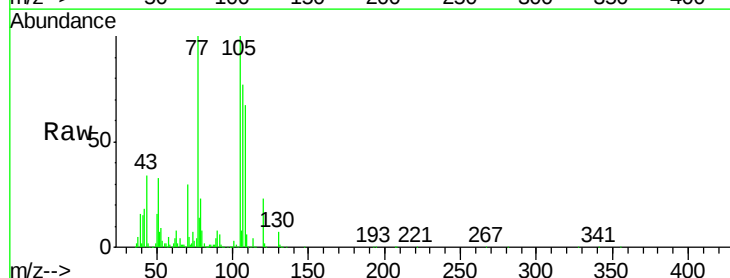
Ion Ratio Lower Upper

105 100

71 5.1 4.2 6.4

51 32.9 25.5 38.3

120 23.3 18.6 28.0

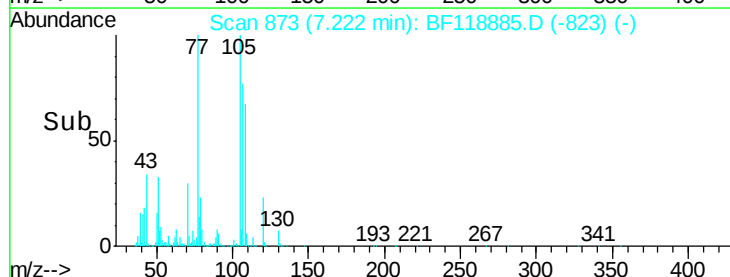


Abundance Ion 105.00 (104.70 to 105.70): E

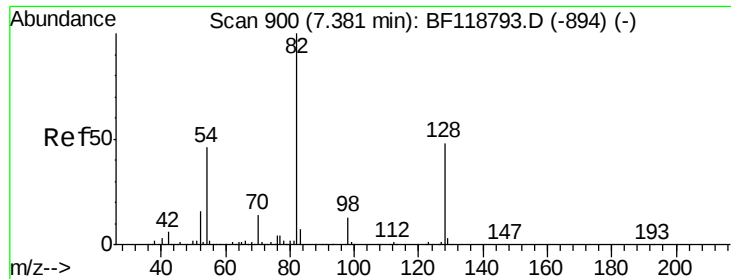
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



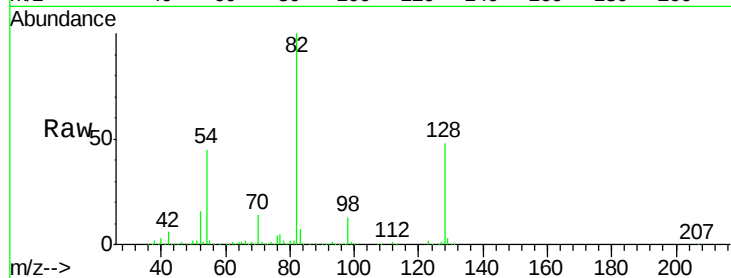
Time-->



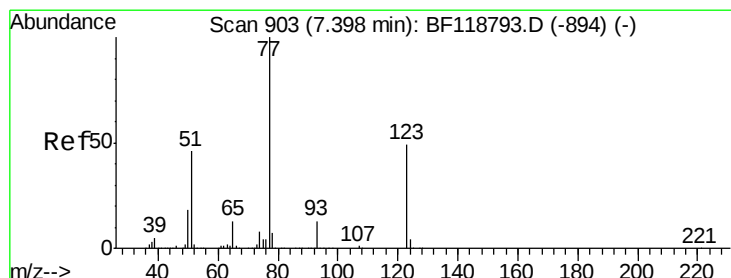
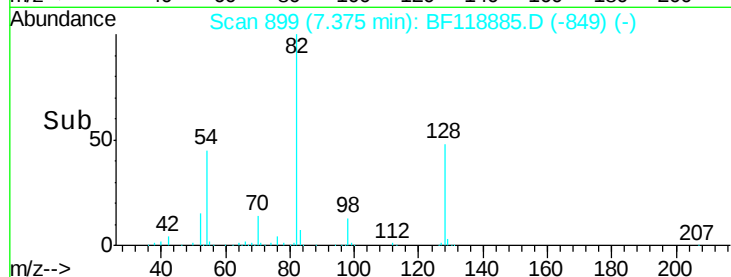
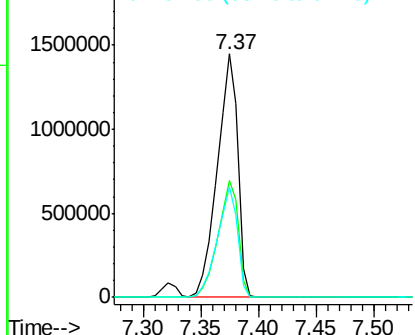
#23
 Nitrobenzene-d5
 Concen: 107.104 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118885.D
 Acq: 11 Feb 2020 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1778727
 Ion Ratio Lower Upper
 82 100
 128 47.9 38.5 57.7
 54 45.4 36.7 55.1

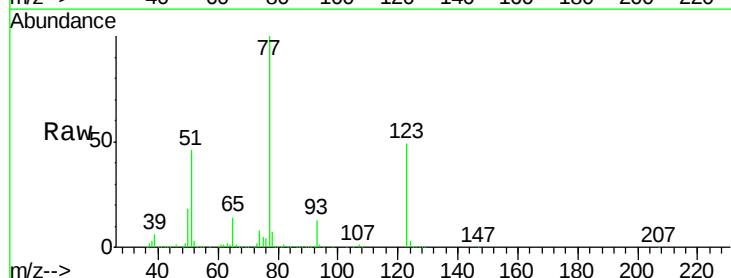


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

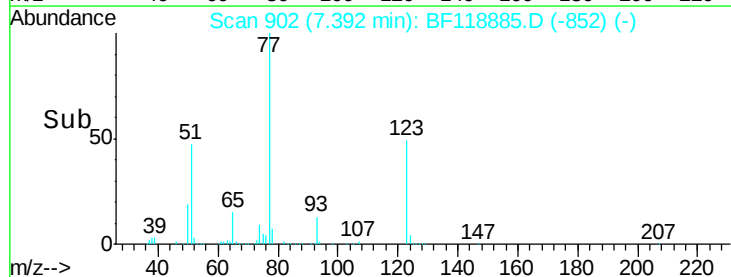
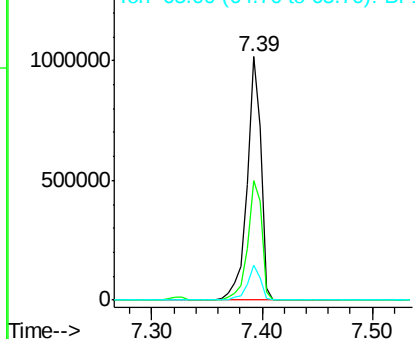


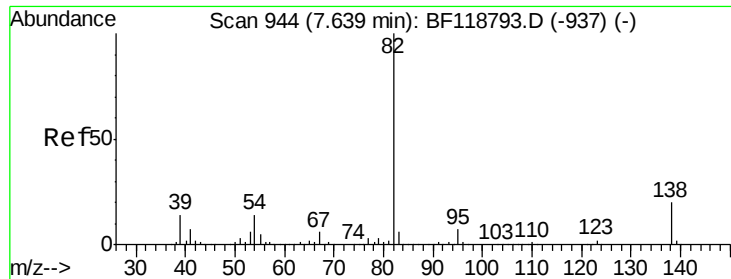
#24
 Nitrobenzene
 Concen: 53.832 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF118885.D
 Acq: 11 Feb 2020 15:33

Tgt Ion: 77 Resp: 893109
 Ion Ratio Lower Upper
 77 100
 123 48.9 39.0 58.4
 65 14.1 10.6 15.8



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: 39.088 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

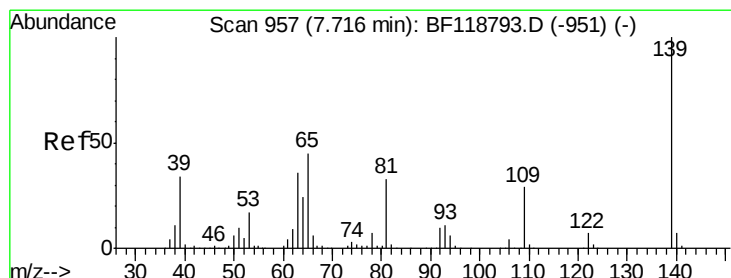
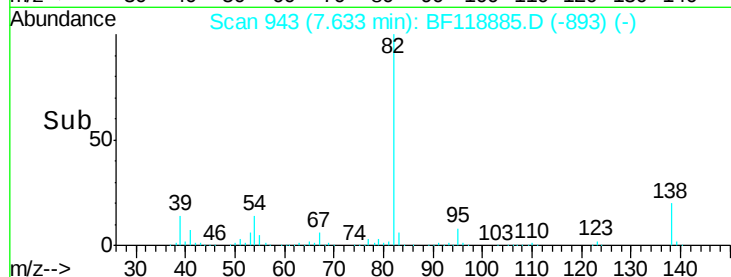
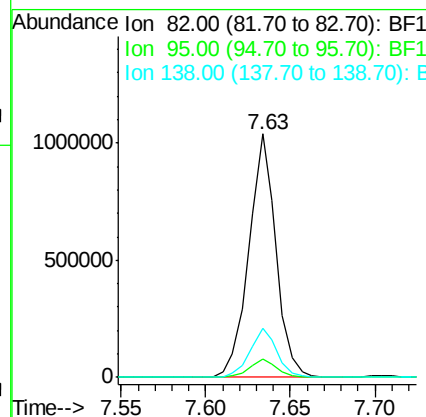
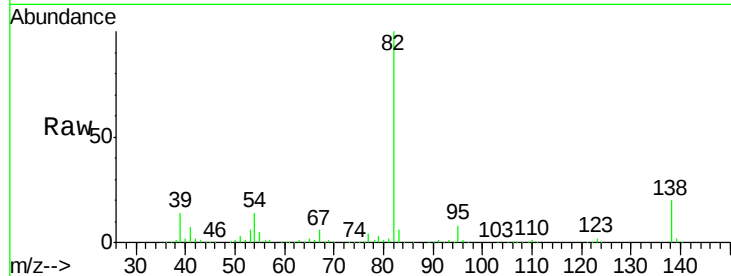
Tot Ion: 82 Resp: 1166667

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 20.1 15.7 23.5



#26

2-Nitrophenol

Concen: 41.730 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

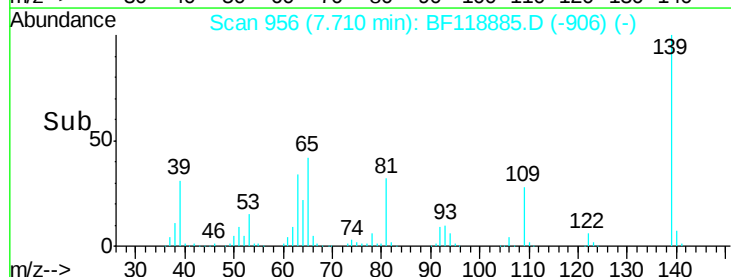
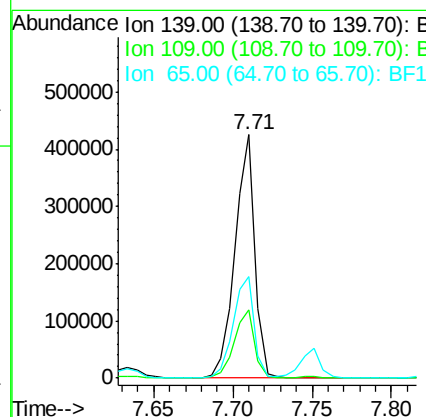
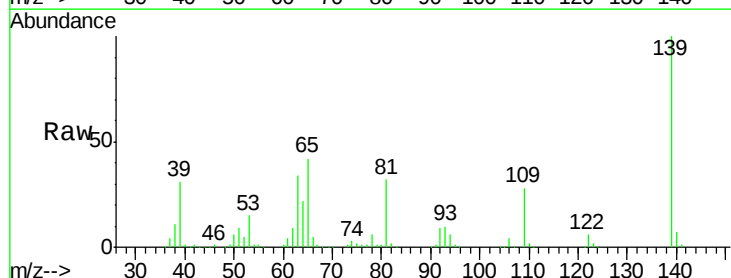
Tgt Ion: 139 Resp: 368920

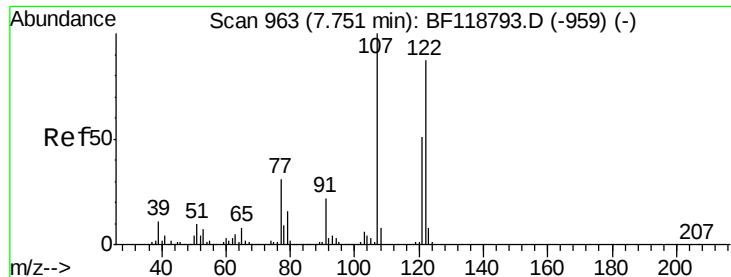
Ion Ratio Lower Upper

139 100

109 28.2 23.4 35.0

65 41.7 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 40.029 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

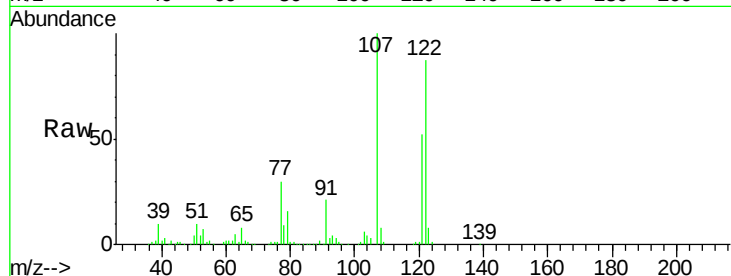
Tot Ion:122 Resp: 480717

Ion Ratio Lower Upper

122 100

107 115.4 92.2 138.2

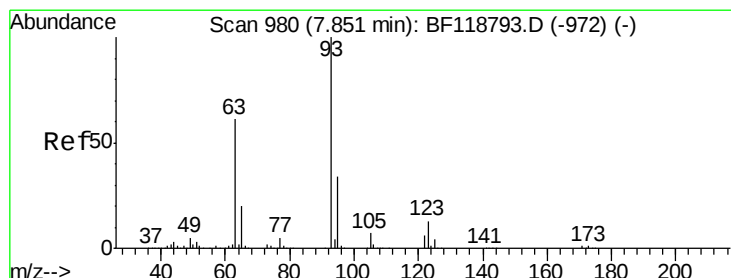
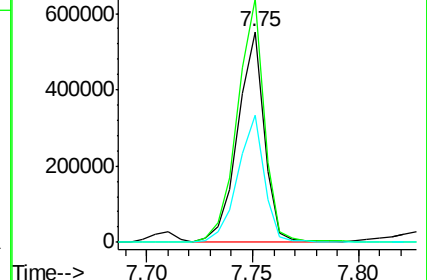
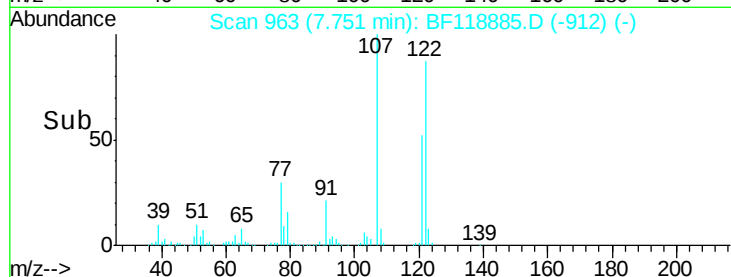
121 60.1 46.8 70.2



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: 38.968 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

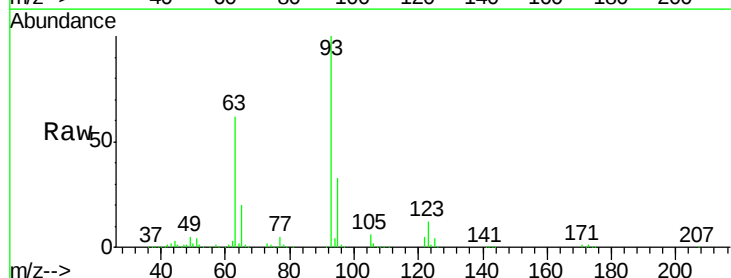
Tgt Ion: 93 Resp: 754204

Ion Ratio Lower Upper

93 100

95 33.1 27.0 40.4

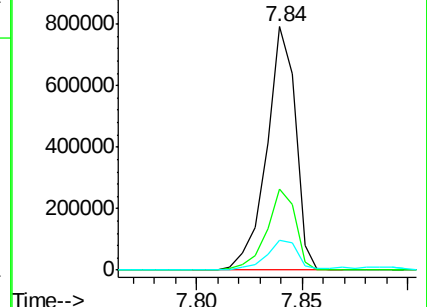
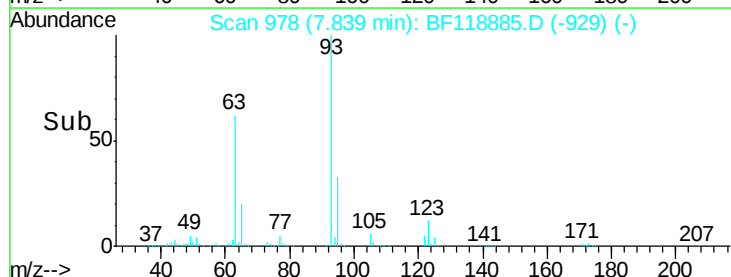
123 12.5 10.6 15.8

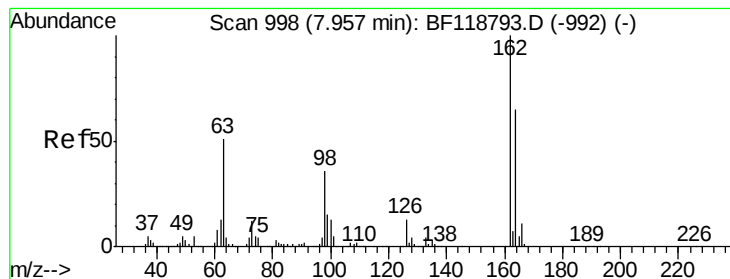


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.194 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

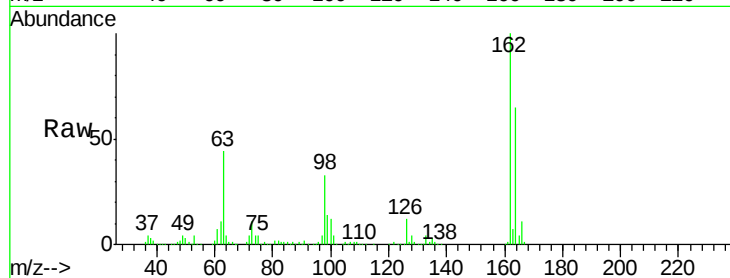
Tot Ion:162 Resp: 578073

Ion Ratio Lower Upper

162 100

164 64.9 44.8 84.8

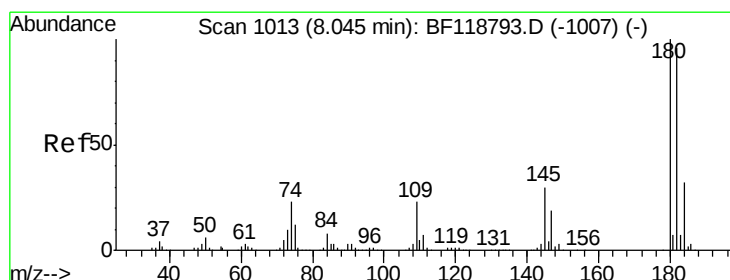
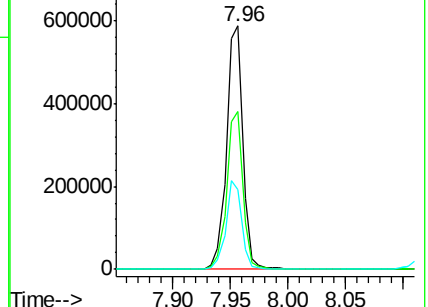
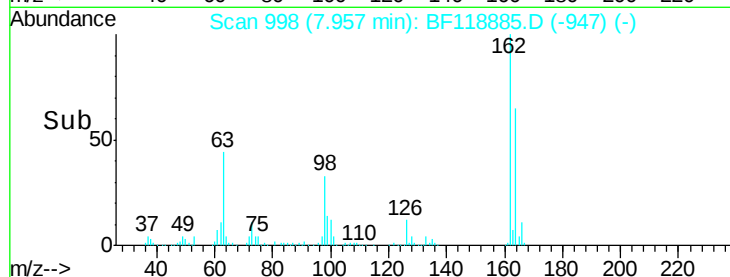
98 33.0 16.4 56.4



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: 39.769 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

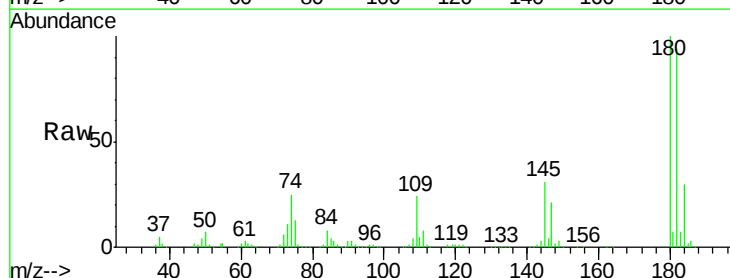
Tgt Ion:180 Resp: 668531

Ion Ratio Lower Upper

180 100

182 94.3 76.6 115.0

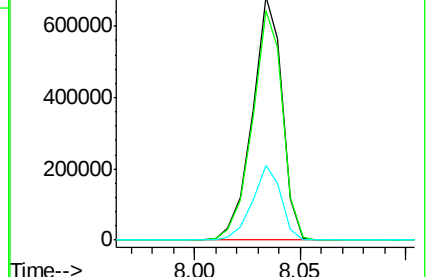
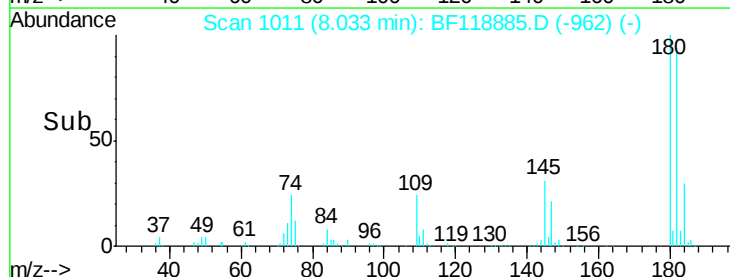
145 30.7 24.0 36.0

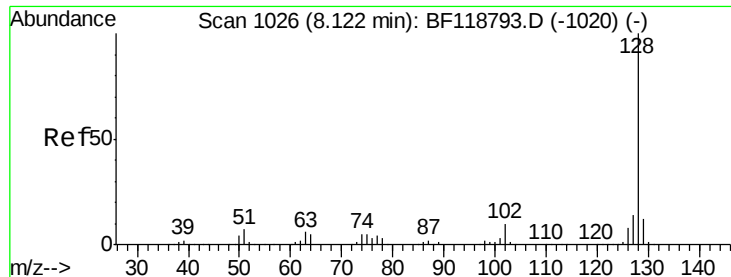


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

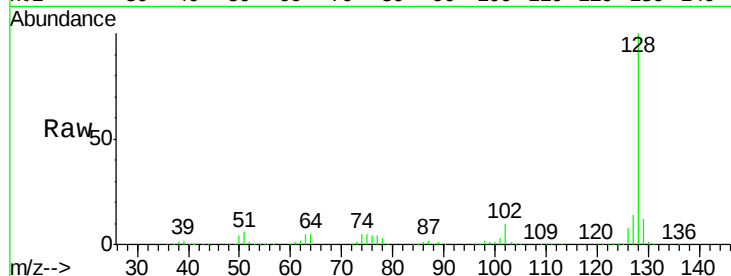




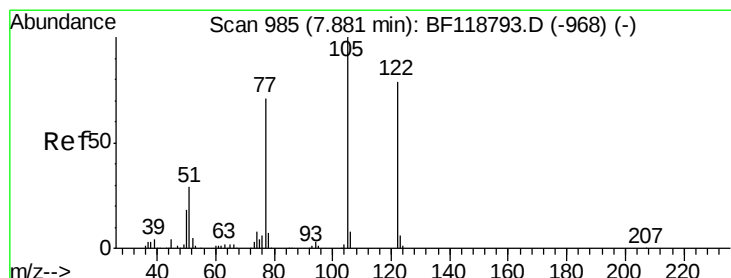
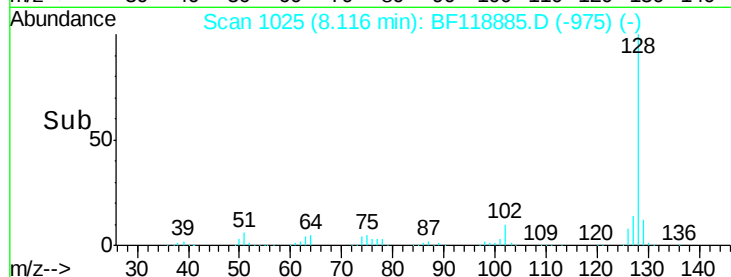
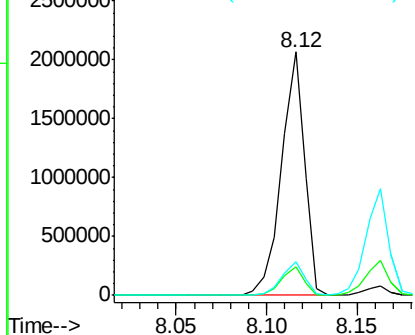
#31
Naphthalene
Concen: 40.484 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1832874
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 14.0 11.3 16.9

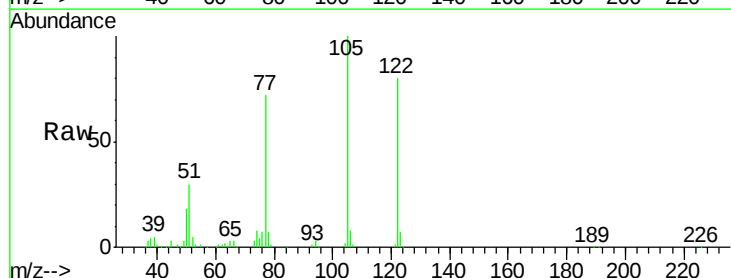


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

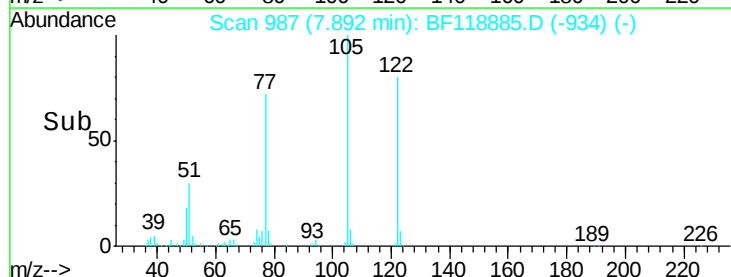
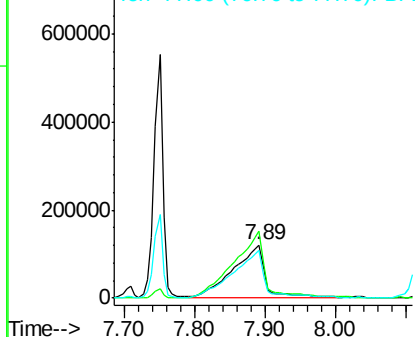


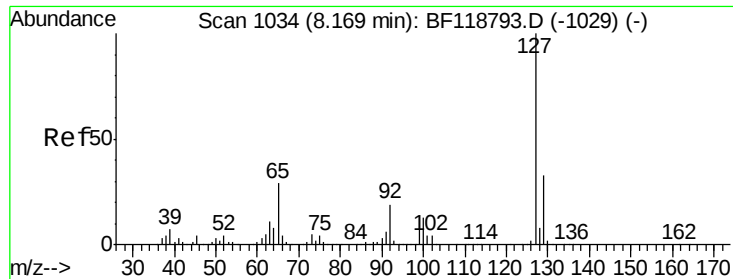
#32
Benzoic acid
Concen: 37.538 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:122 Resp: 373233
Ion Ratio Lower Upper
122 100
105 125.0 104.4 144.4
77 90.2 69.3 109.3



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

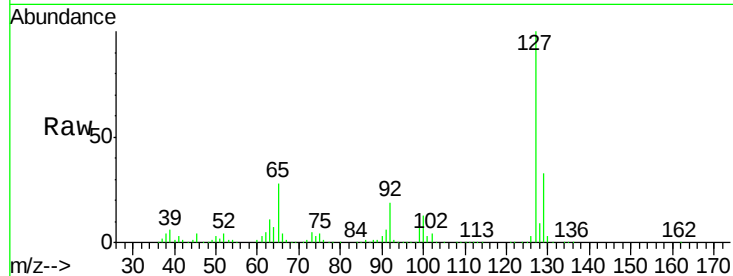




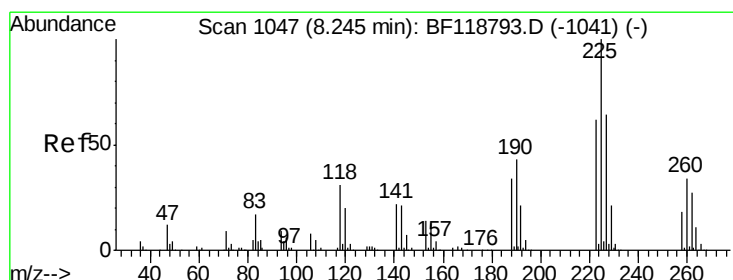
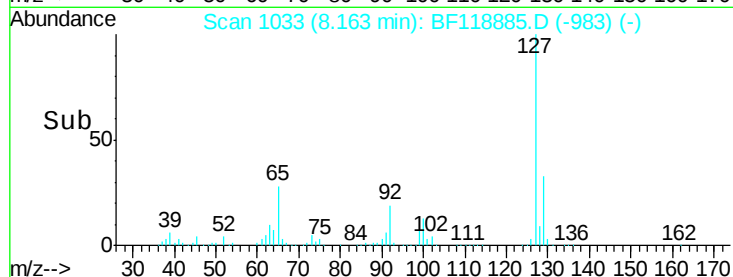
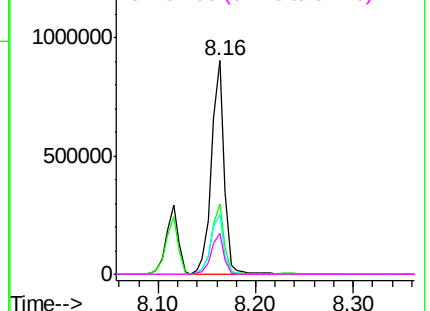
#33
4-Chloroaniline
Concen: 40.097 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	812185
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.7	40.1
65	28.3	22.9	34.3
92	19.5	15.4	23.0

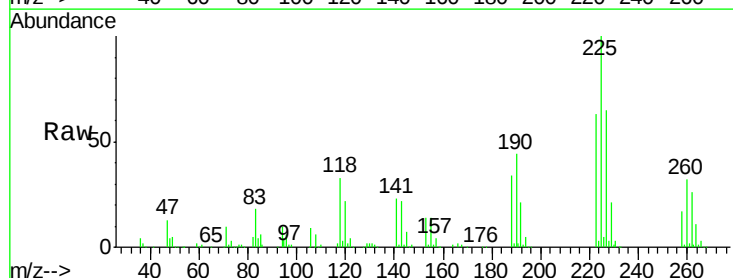


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

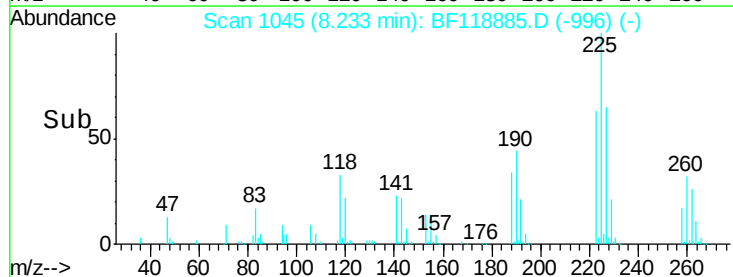
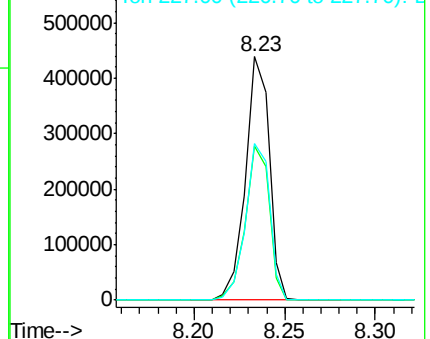


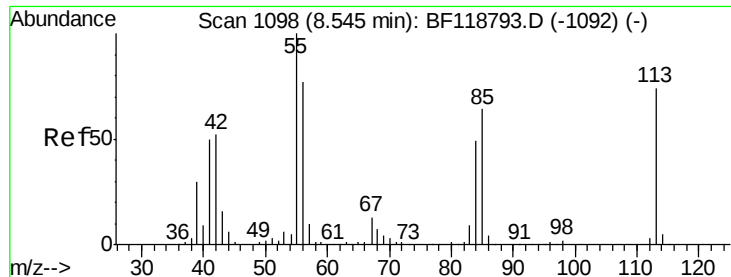
#34
Hexachlorobutadiene
Concen: 38.975 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:	225	Resp:	401399
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.8
227	64.5	51.0	76.4



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: 39.939 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

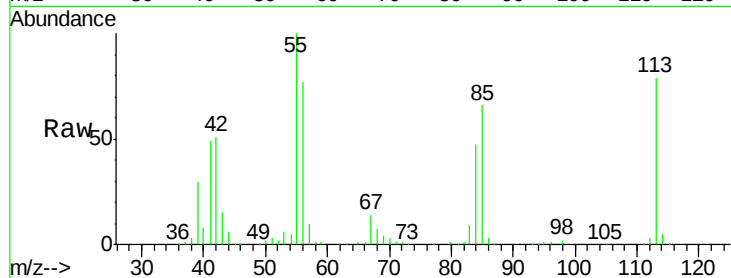
Tot Ion:113 Resp: 186206

Ion Ratio Lower Upper

113 100

55 127.0 115.5 155.5

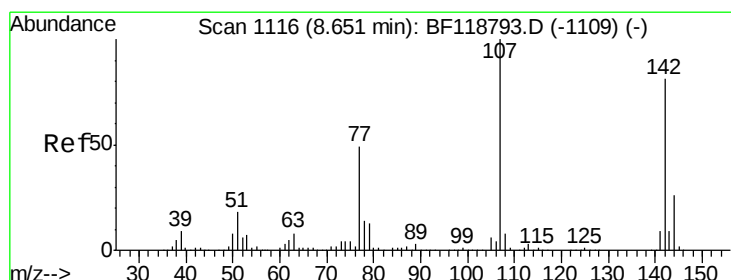
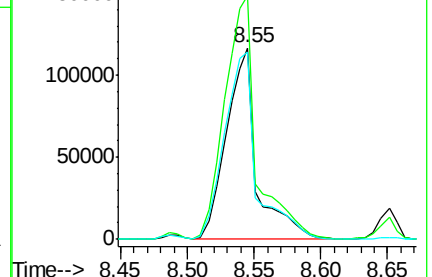
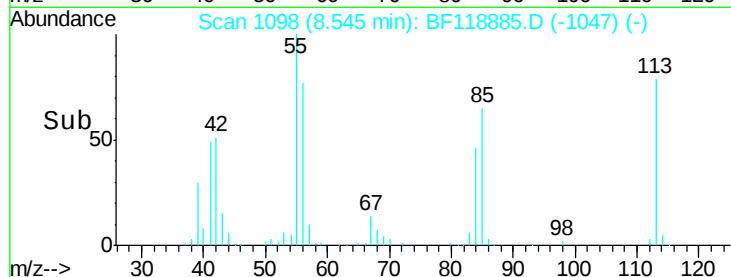
56 97.4 83.7 123.7



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: 40.246 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

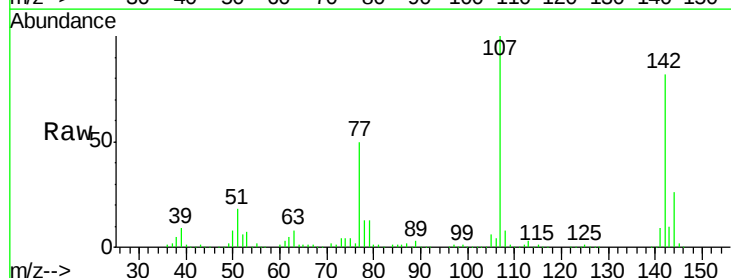
Tgt Ion:107 Resp: 582501

Ion Ratio Lower Upper

107 100

144 26.4 21.0 31.6

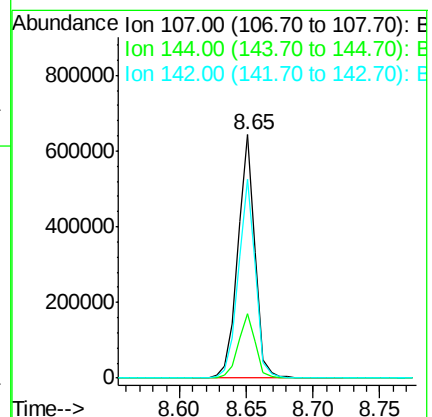
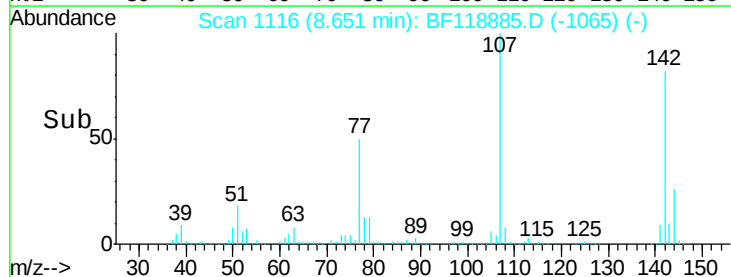
142 81.9 64.8 97.2

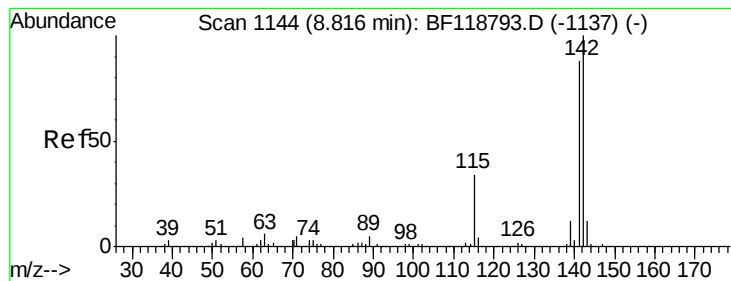


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

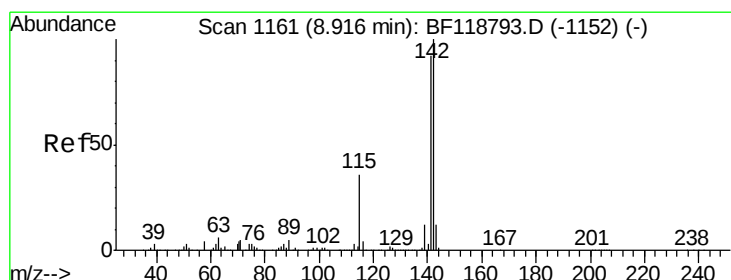
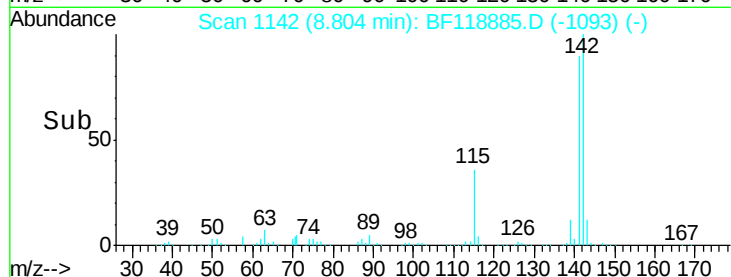
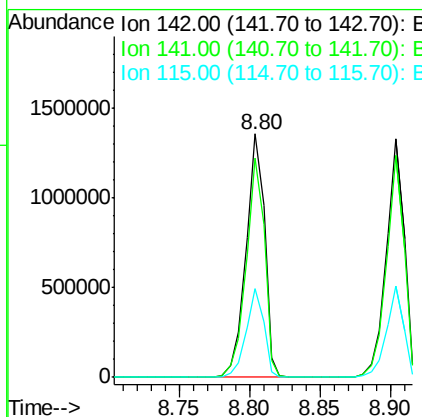
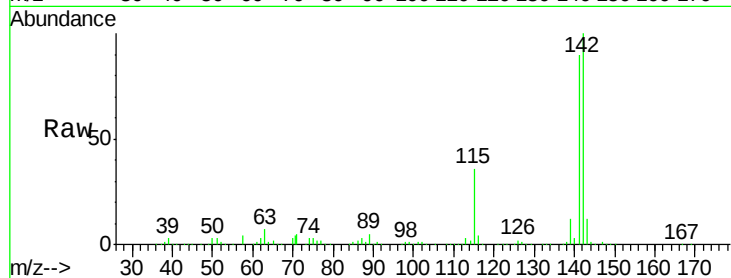




#37
 2-Methylnaphthalene
 Concen: 39.847 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF118885.D
 Acq: 11 Feb 2020 15:33

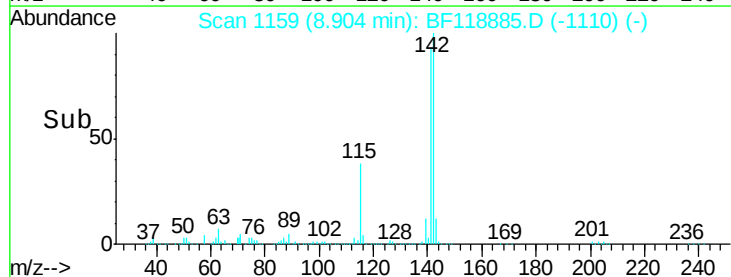
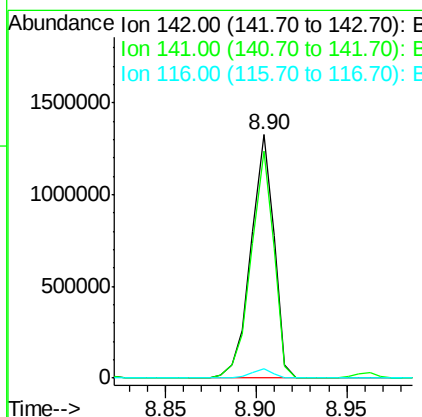
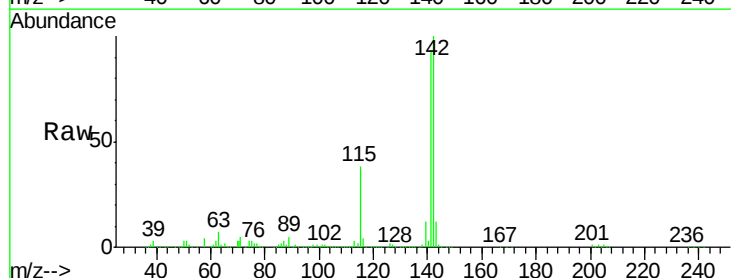
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

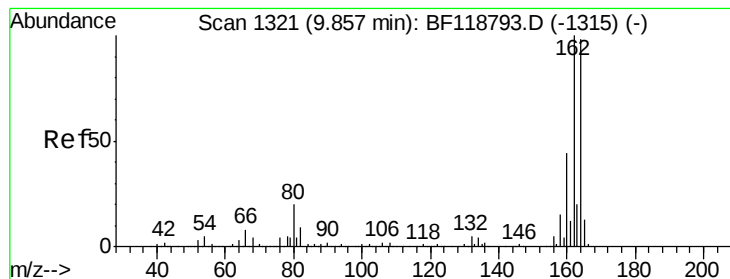
Tot Ion:142 Resp: 1251169
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.1 105.1
 115 36.4 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 39.766 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF118885.D
 Acq: 11 Feb 2020 15:33

Tgt Ion:142 Resp: 1174618
 Ion Ratio Lower Upper
 142 100
 141 93.2 73.8 110.6
 116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

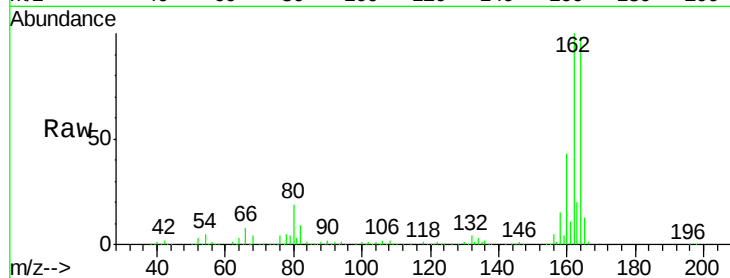
Tot Ion:164 Resp: 546670

Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.2

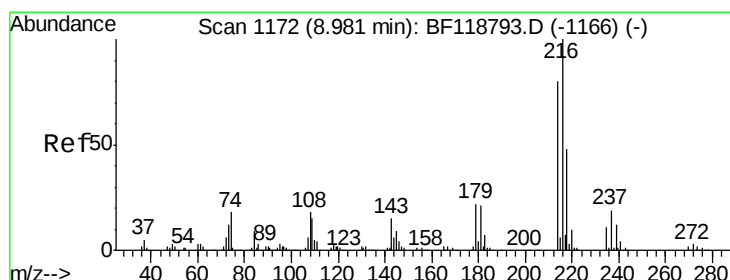
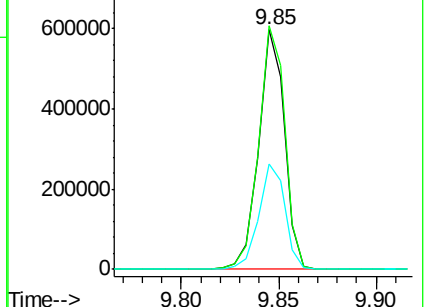
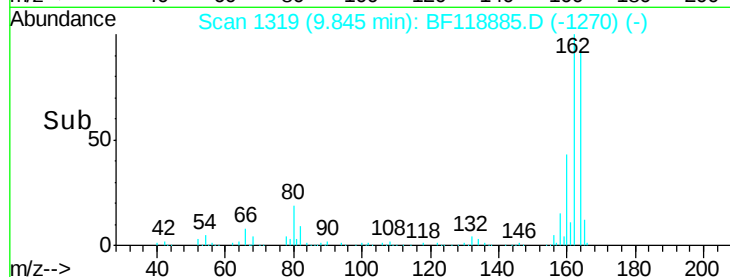
160 43.9 35.6 53.4



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: 40.307 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Tgt Ion:216 Resp: 665021

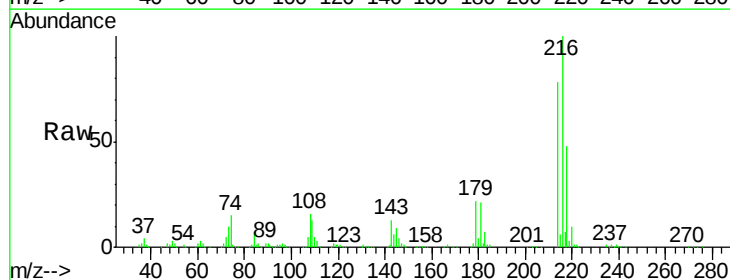
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 21.6 17.0 25.6

108 17.0 13.5 20.3

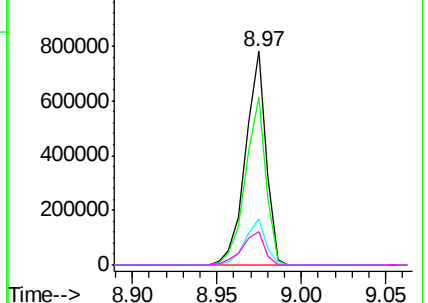
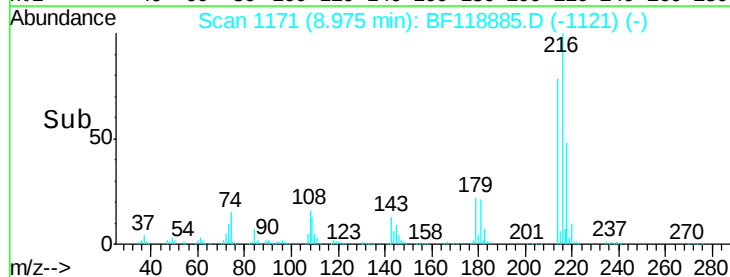


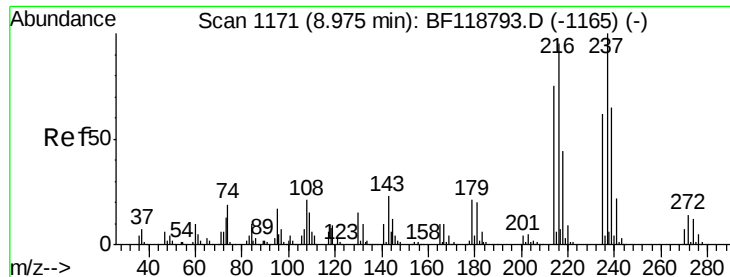
Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.604 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

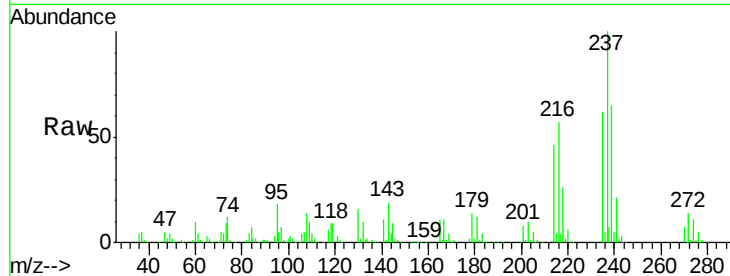
Tot Ion:237 Resp: 236807

Ion Ratio Lower Upper

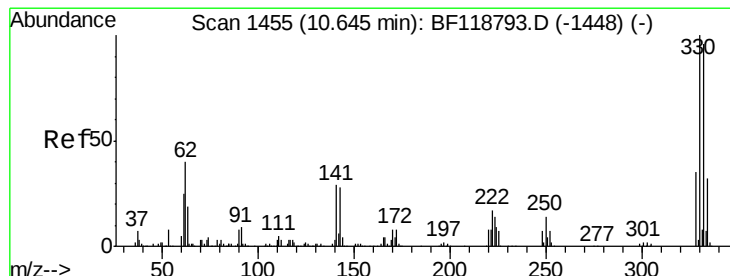
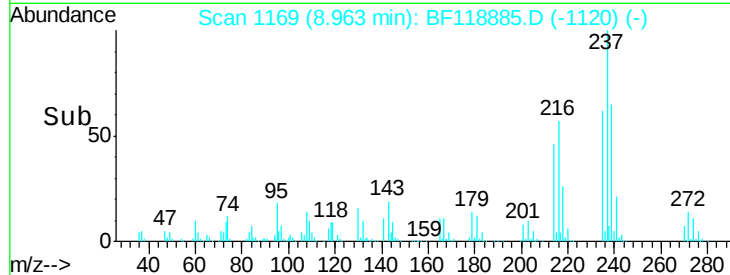
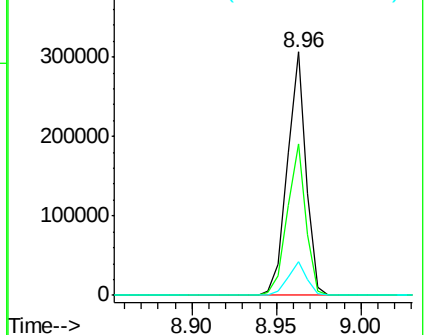
237 100

235 62.2 42.1 82.1

272 14.1 0.0 34.4



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: 80.446 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

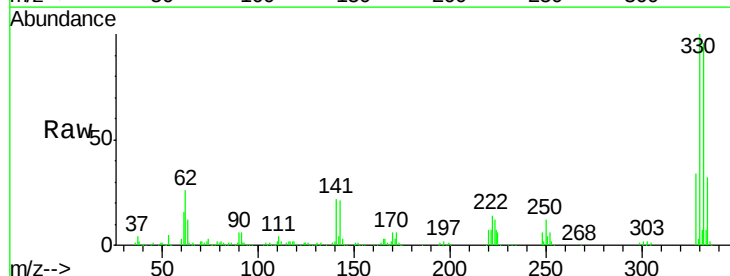
Tgt Ion:330 Resp: 526202

Ion Ratio Lower Upper

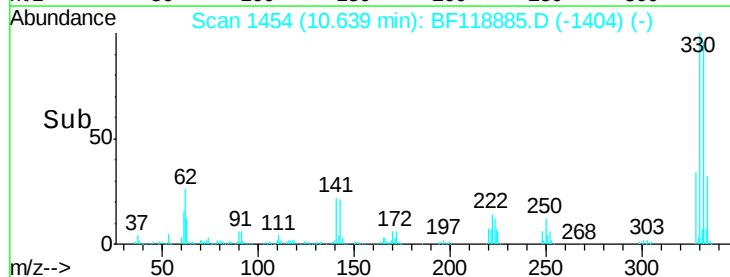
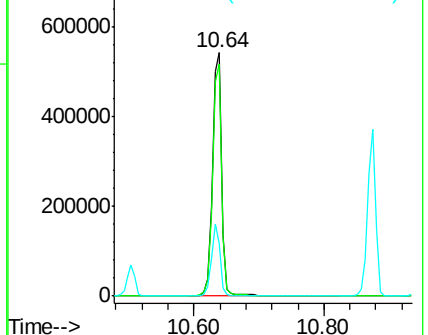
330 100

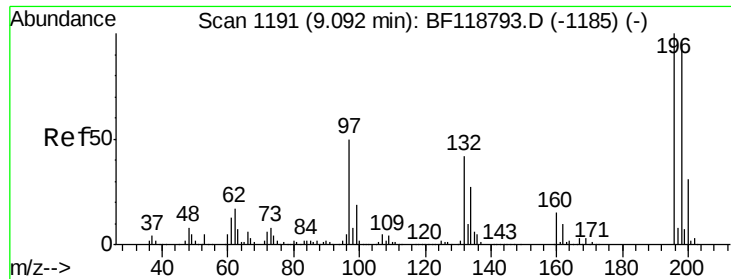
332 94.8 77.3 115.9

141 27.8 22.4 33.6



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

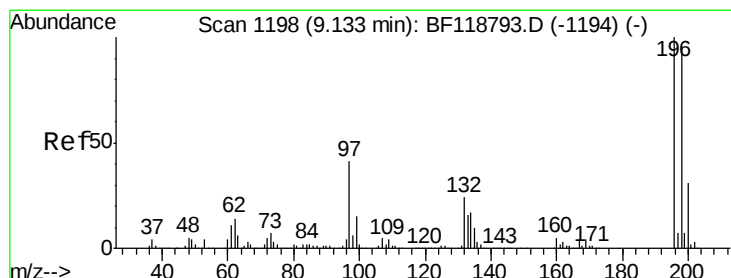
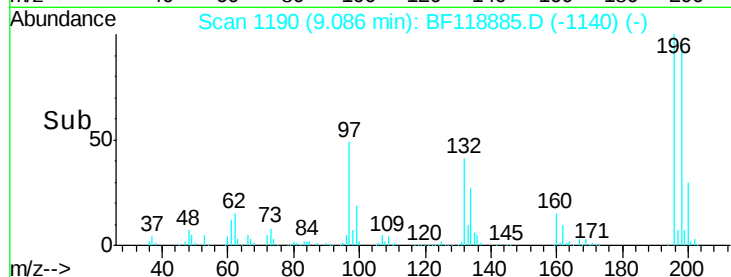
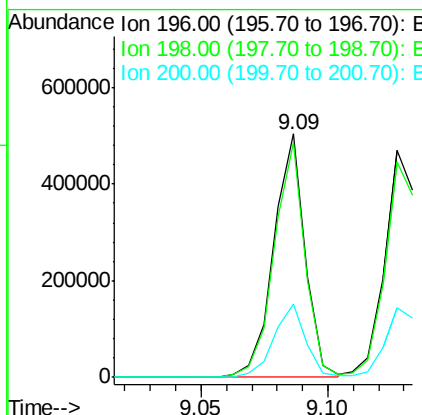
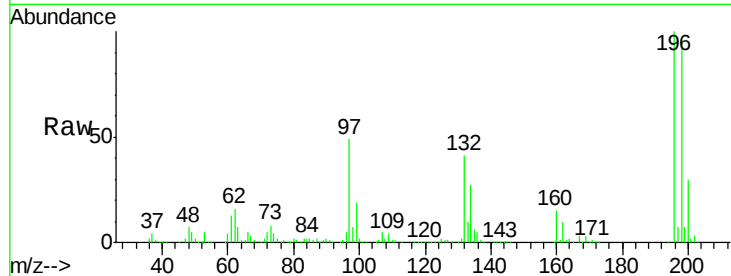




#43
 2,4,6-Trichlorophenol
 Concen: 39.489 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118885.D
 Acq: 11 Feb 2020 15:33

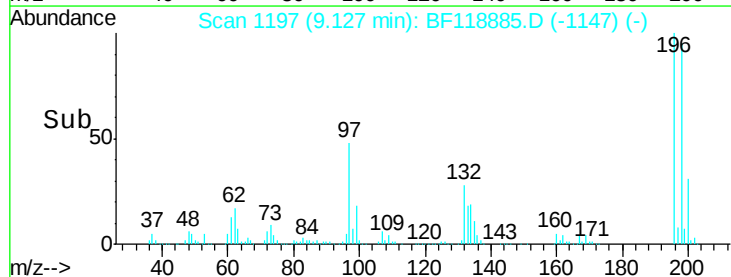
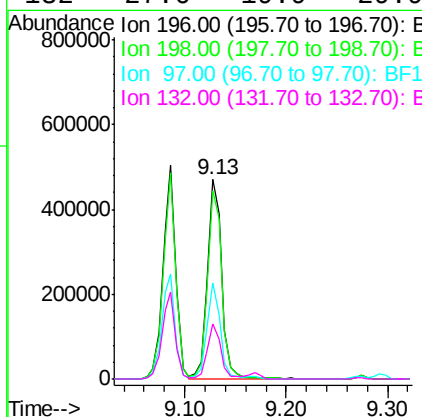
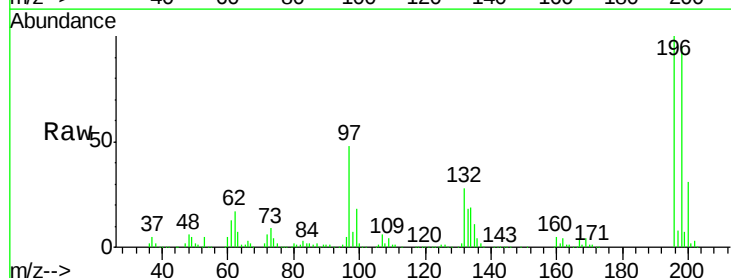
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

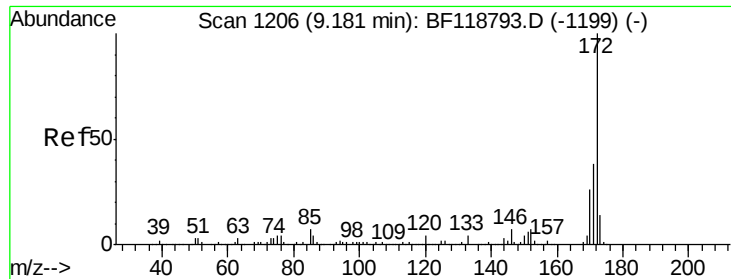
Tot Ion:196 Resp: 435680
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.7 115.1
 200 30.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.295 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118885.D
 Acq: 11 Feb 2020 15:33

Tgt Ion:196 Resp: 454253
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.0 115.4
 97 47.9 32.9 49.3
 132 27.6 19.9 29.9

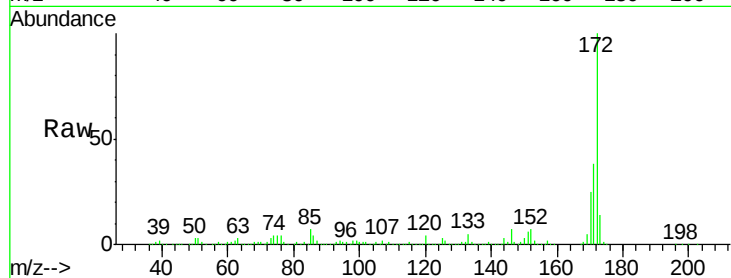




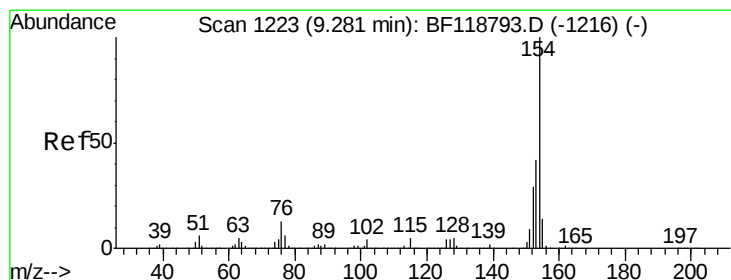
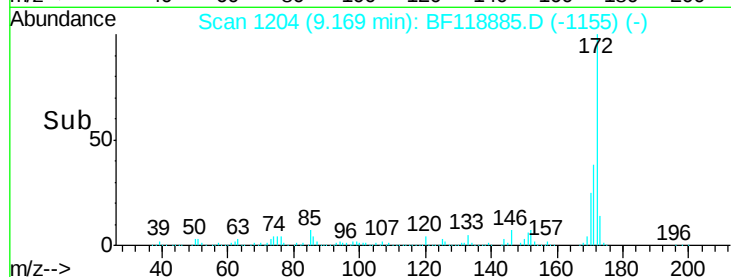
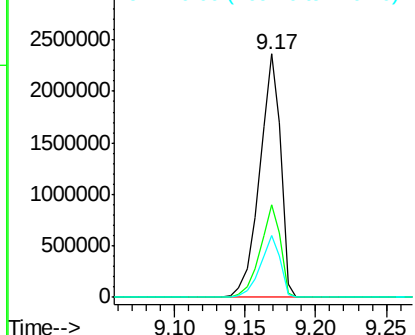
#45
2-Fluorobiphenyl
Concen: 80.991 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2476658
Ion Ratio Lower Upper
172 100
171 37.9 30.8 46.2
170 25.4 20.5 30.7

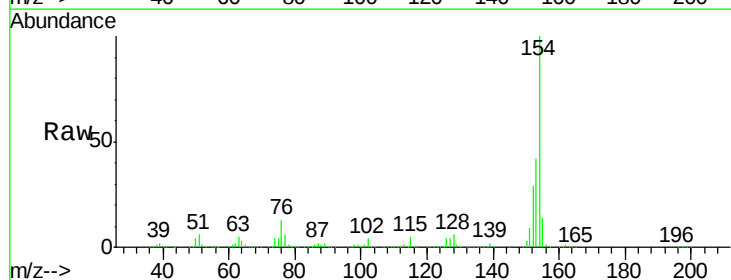


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

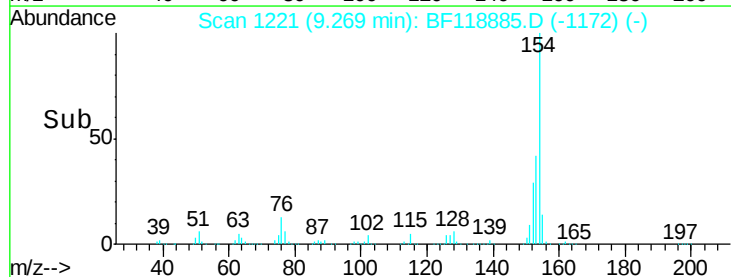
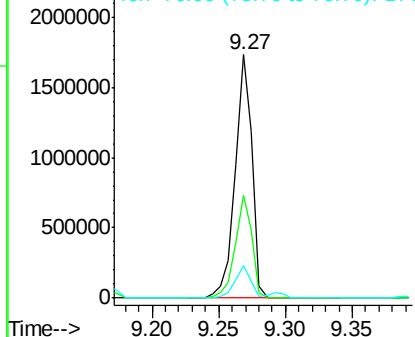


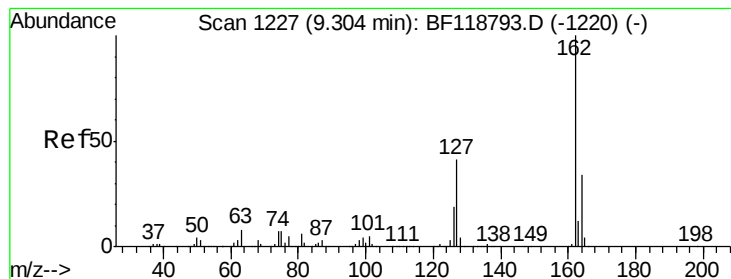
#46
1,1'-Biphenyl
Concen: 40.692 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:154 Resp: 1538788
Ion Ratio Lower Upper
154 100
153 42.4 22.4 62.4
76 13.2 0.0 32.7



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: 40.415 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

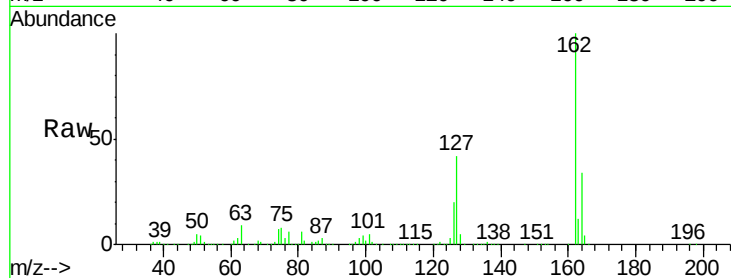
Tot Ion:162 Resp: 1270533

Ion Ratio Lower Upper

162 100

127 42.0 33.3 49.9

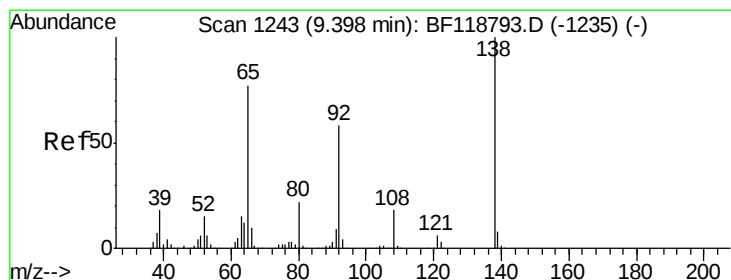
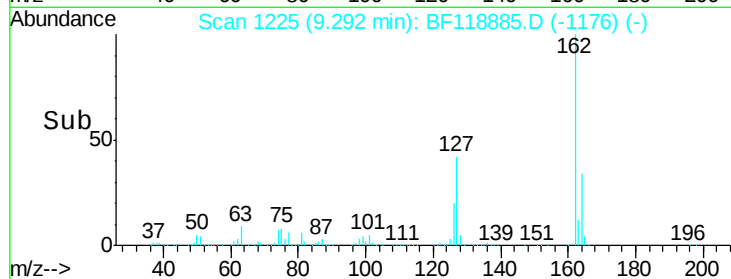
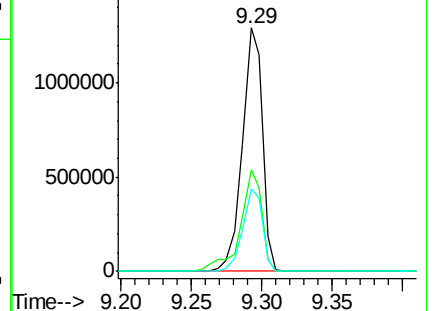
164 33.6 27.1 40.7



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: 41.735 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

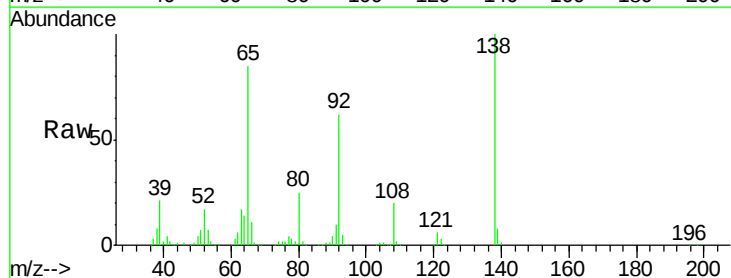
Tgt Ion: 65 Resp: 378423

Ion Ratio Lower Upper

65 100

92 72.7 60.6 91.0

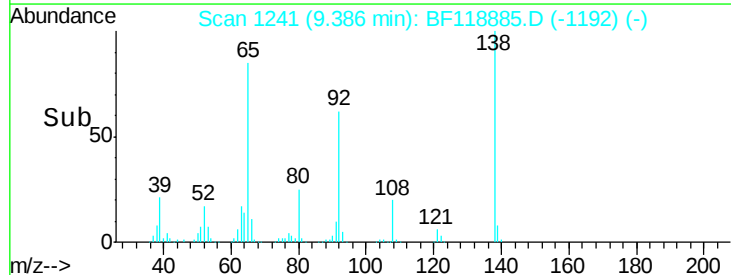
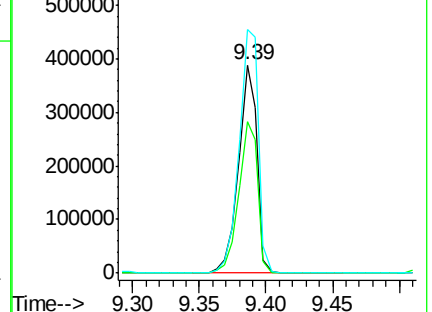
138 117.1 104.6 156.8

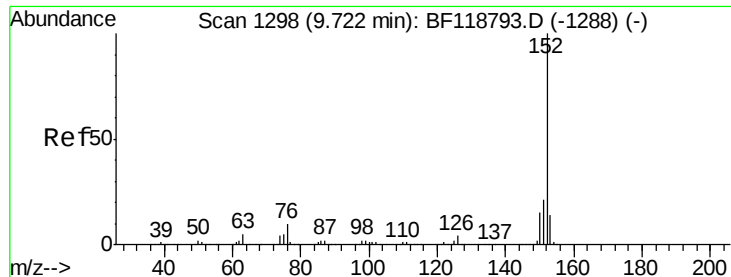


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

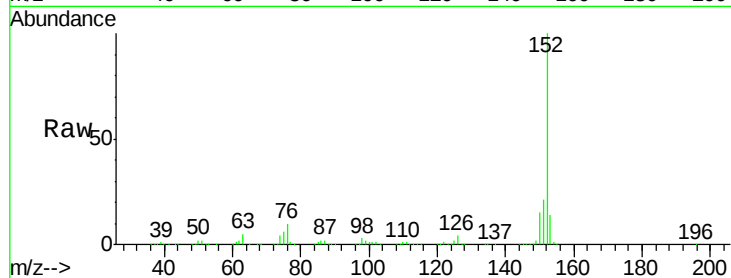




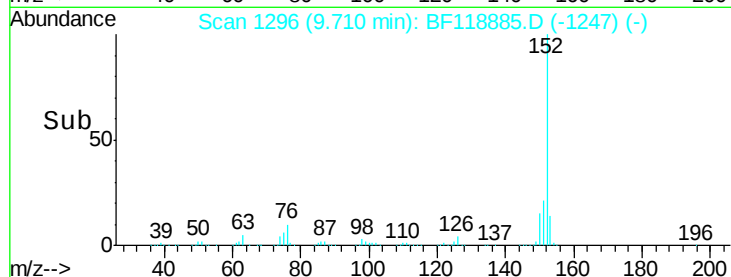
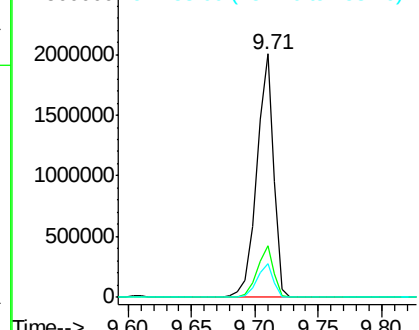
#49
Acenaphthylene
Concen: 41.072 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 1864336
Ion Ratio Lower Upper
152 100
151 21.0 17.1 25.7
153 14.0 11.0 16.4

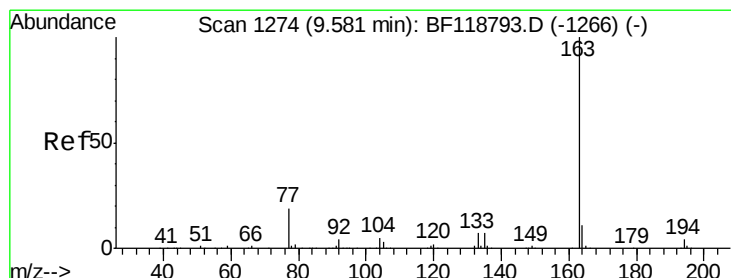


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

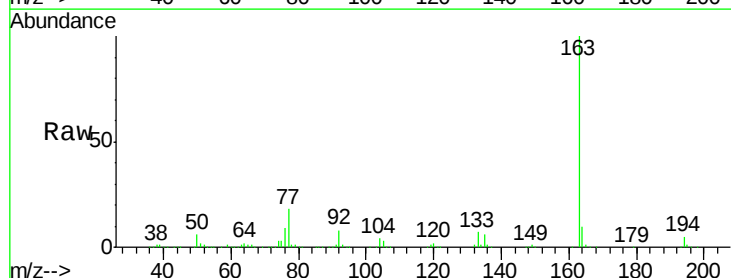
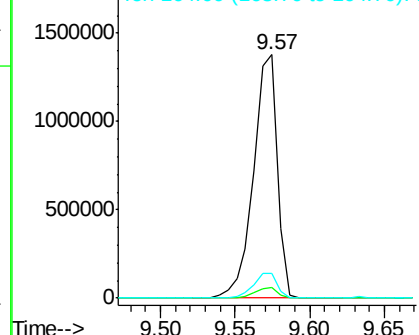


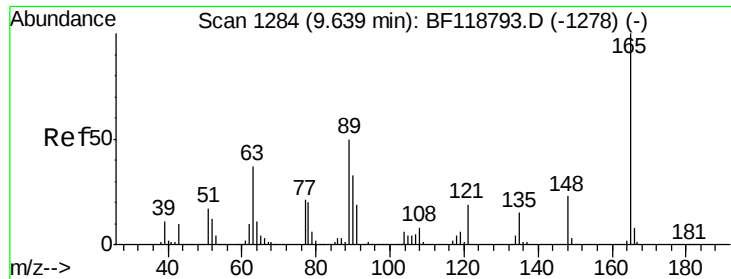
#50
Dimethylphthalate
Concen: 40.603 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:163 Resp: 1511385
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 10.2 8.7 13.1



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





#51

2,6-Dinitrotoluene

Concen: 40.982 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

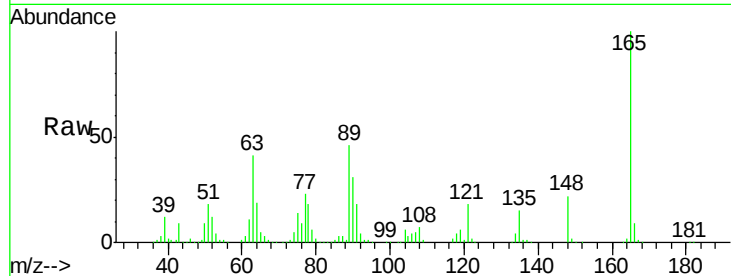
Tot Ion:165 Resp: 349043

Ion Ratio Lower Upper

165 100

63 41.1 37.4 56.0

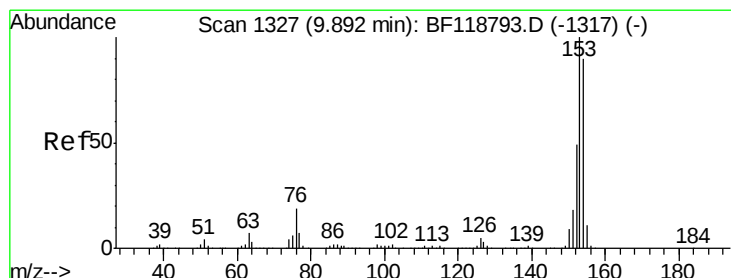
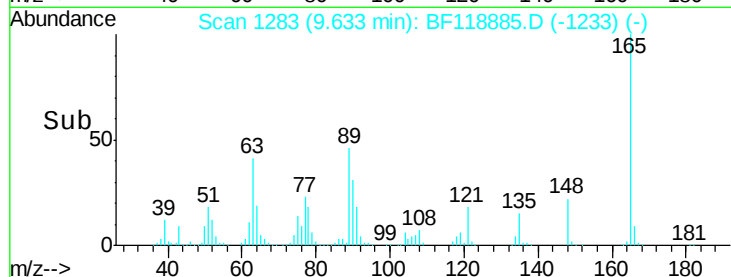
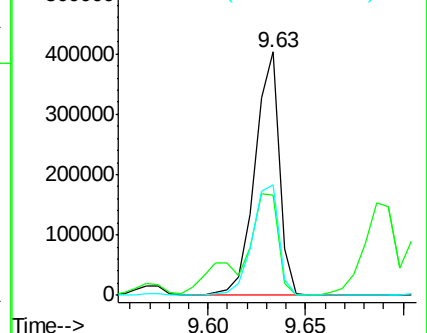
89 45.6 39.7 59.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.431 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

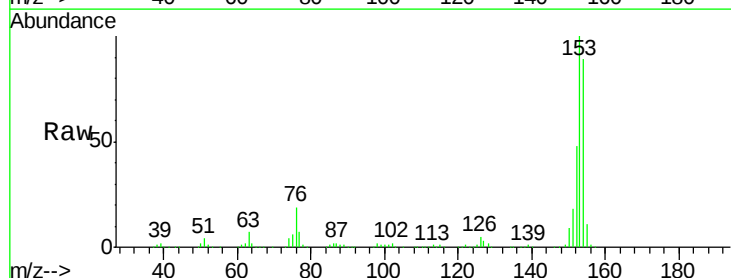
Tgt Ion:154 Resp: 1119608

Ion Ratio Lower Upper

154 100

153 111.9 89.4 134.0

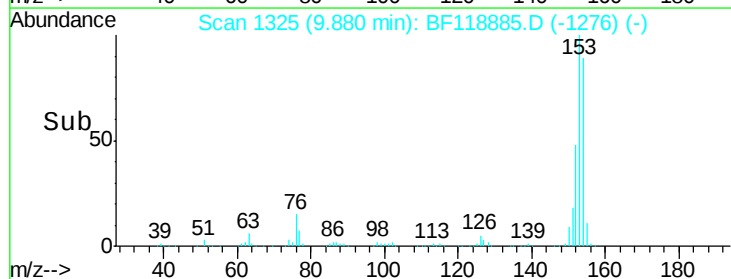
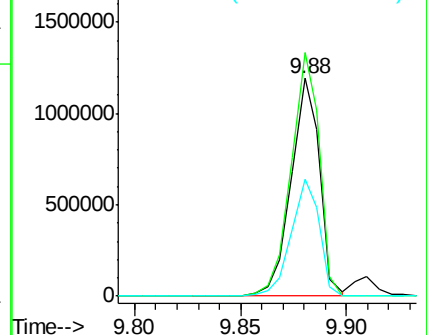
152 53.9 43.6 65.4

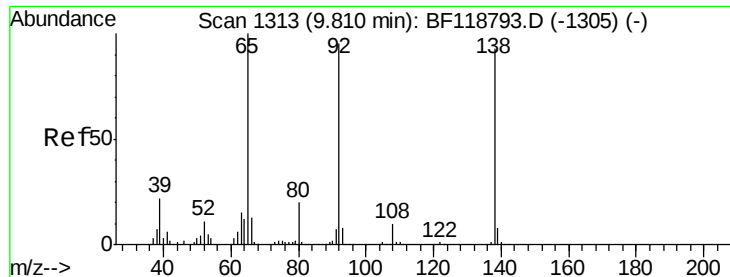


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

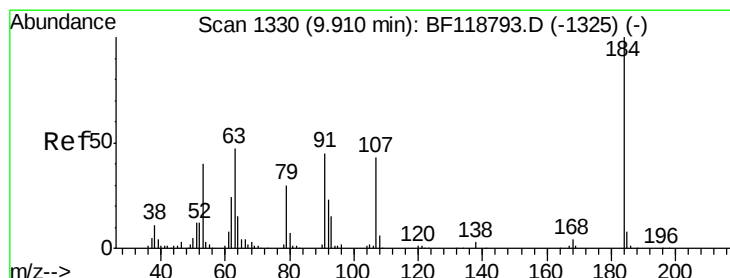
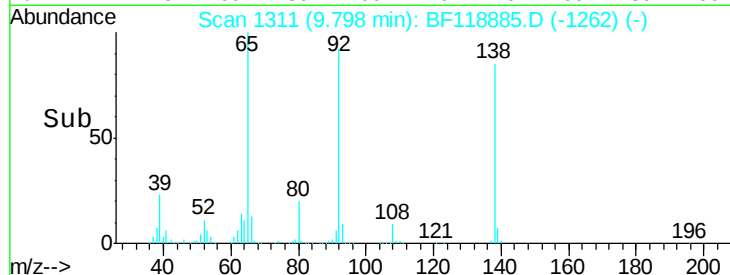
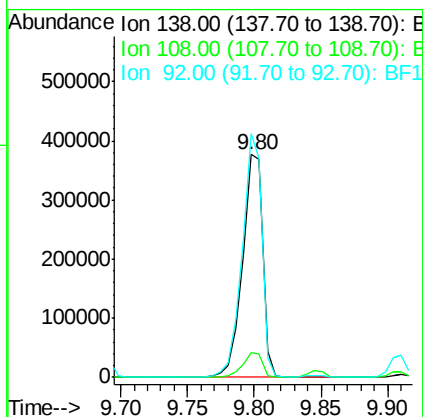
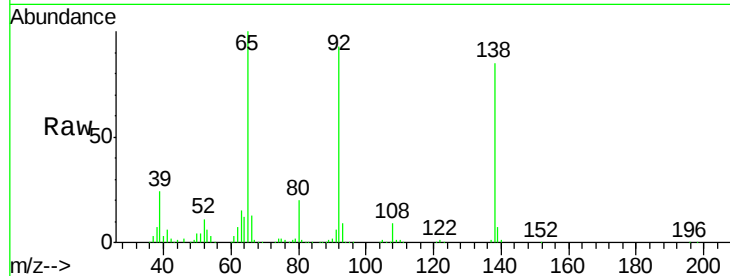




#53
3-Nitroaniline
Concen: 41.666 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

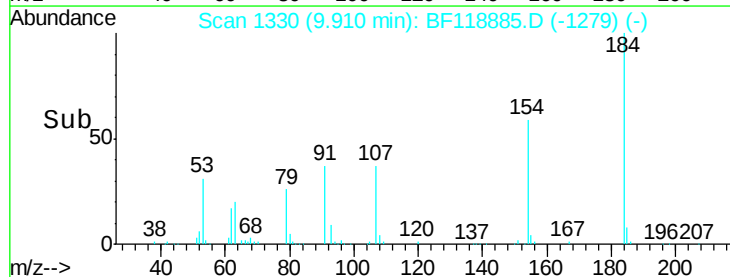
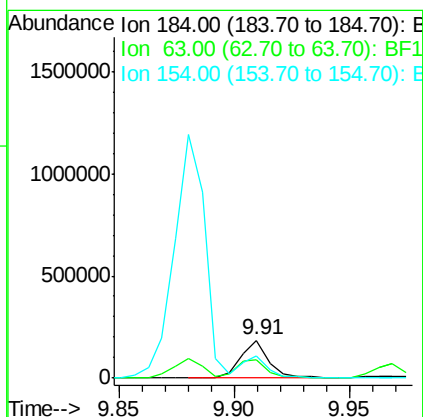
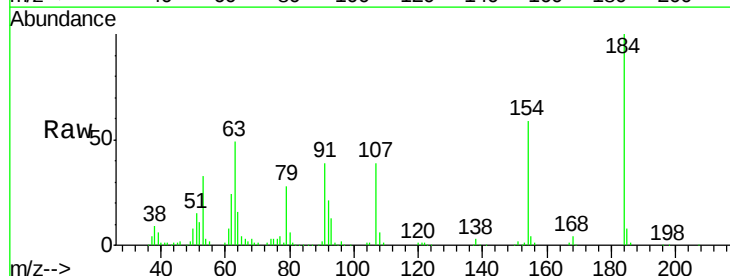
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

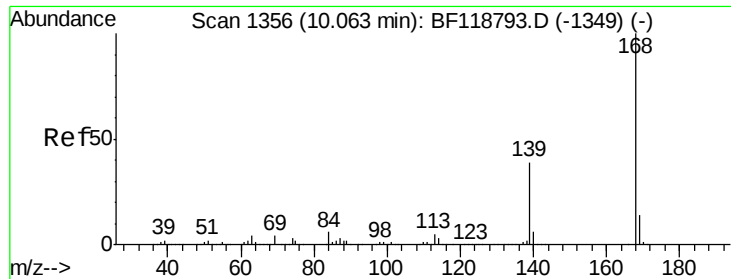
Tot Ion:138 Resp: 393565
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 109.4 82.2 123.4



#54
2,4-Dinitrophenol
Concen: 38.901 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:184 Resp: 159280
Ion Ratio Lower Upper
184 100
63 48.7 47.5 71.3
154 59.5 48.6 72.8





#55

Dibenzenofuran

Concen: 39.025 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

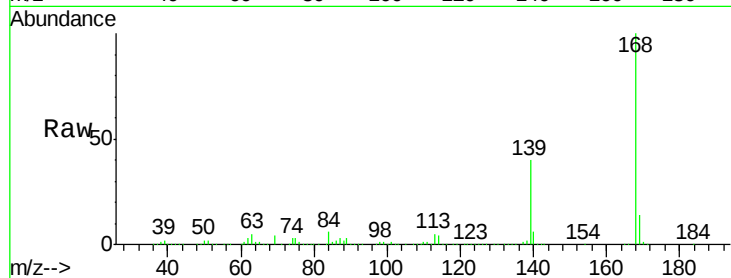
Tot Ion:168 Resp: 1686936

Ion Ratio Lower Upper

168 100

139 40.0 31.6 47.4

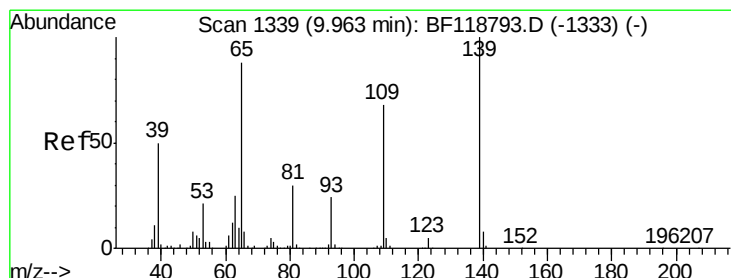
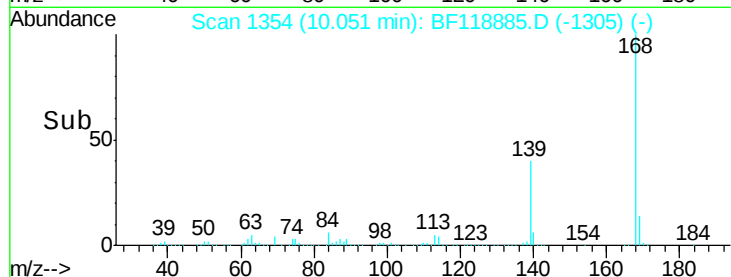
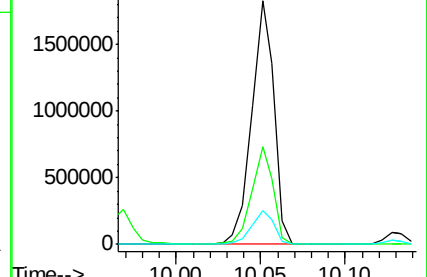
169 13.9 11.4 17.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.978 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

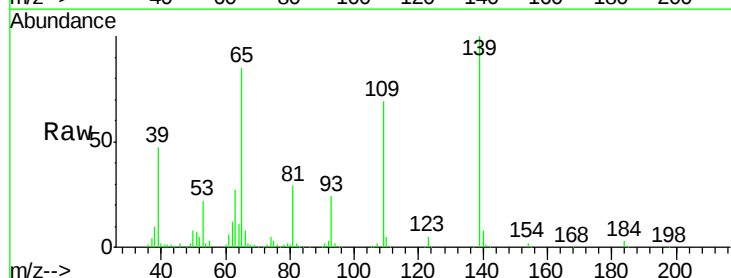
Tgt Ion:139 Resp: 252788

Ion Ratio Lower Upper

139 100

109 69.4 48.0 88.0

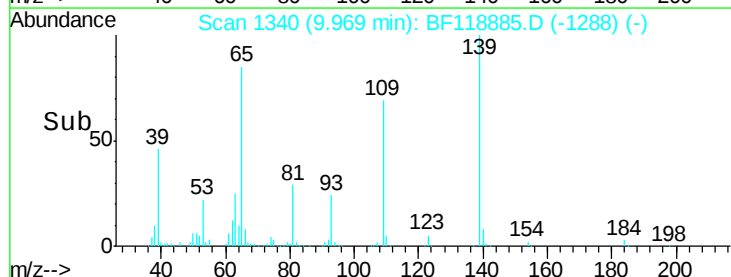
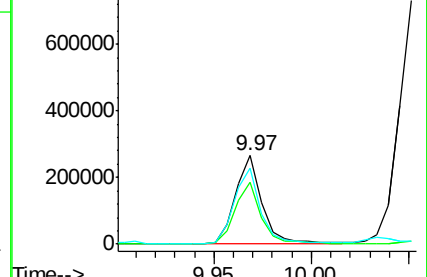
65 85.4 68.3 108.3

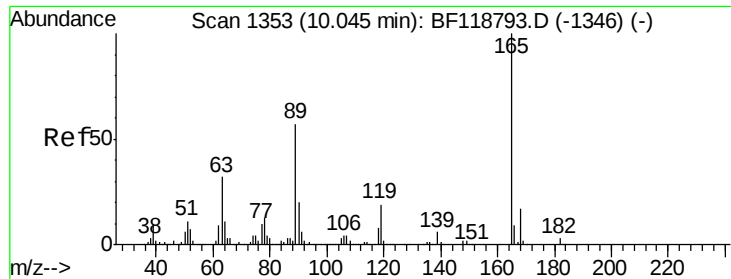


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

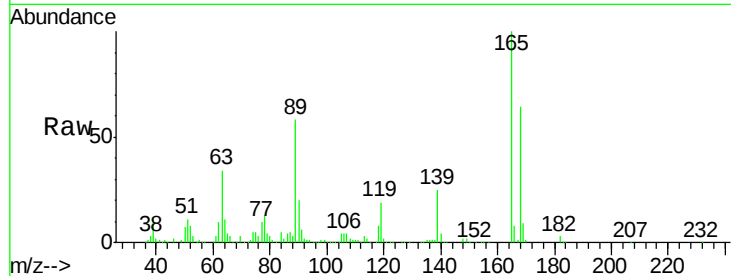




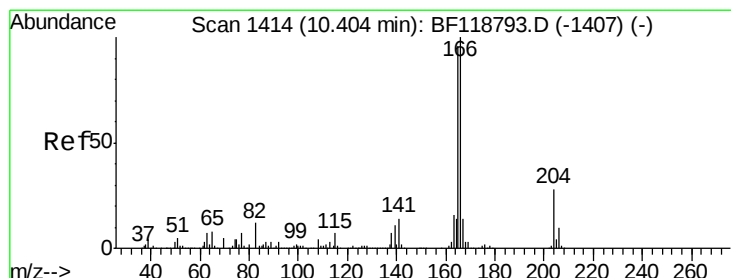
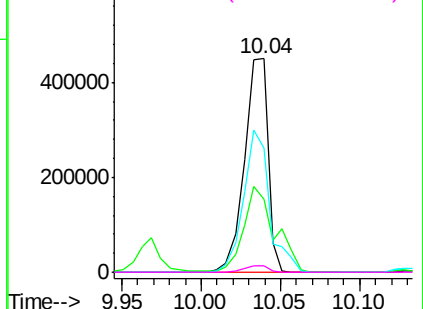
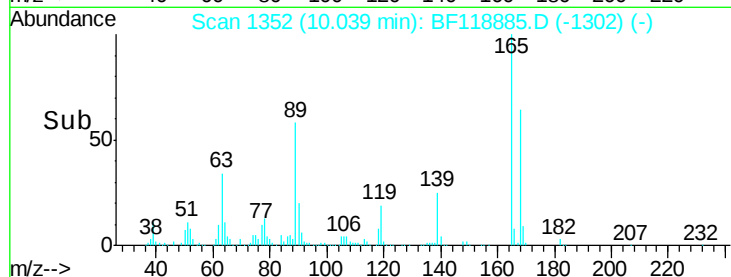
#57
2,4-Dinitrotoluene
Concen: 40.919 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 461210
Ion Ratio Lower Upper
165 100
63 34.3 25.5 38.3
89 58.4 45.4 68.0
182 3.0 2.4 3.6

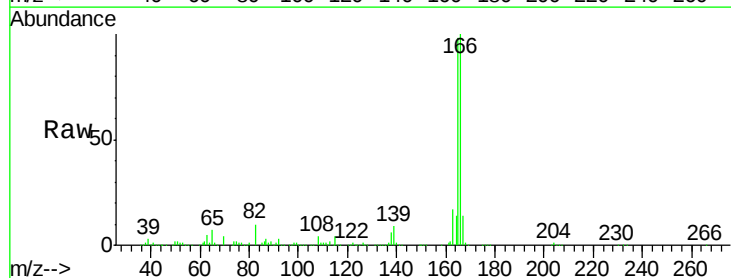


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

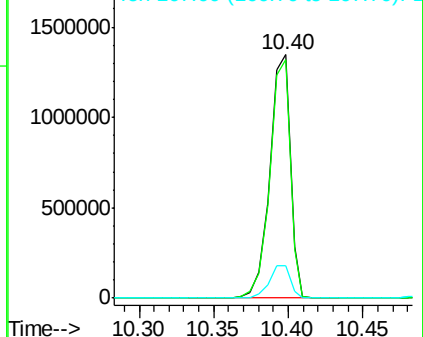
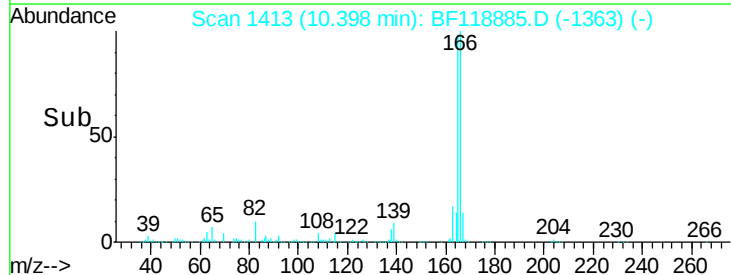


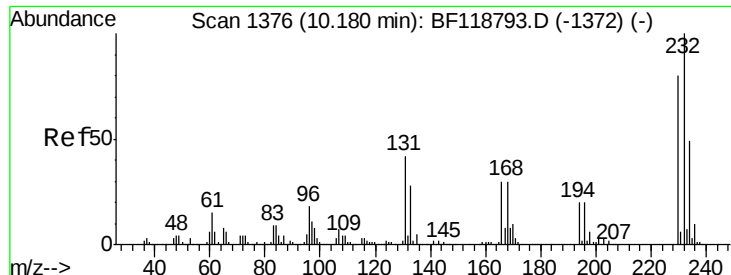
#58
Fluorene
Concen: 39.389 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:166 Resp: 1280945
Ion Ratio Lower Upper
166 100
165 97.8 77.0 115.6
167 13.6 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

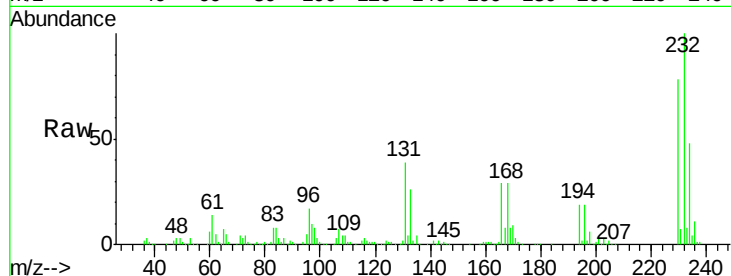




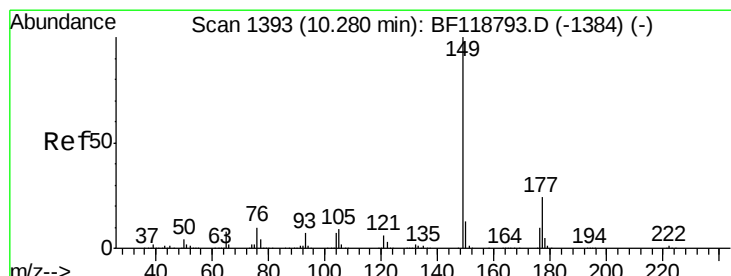
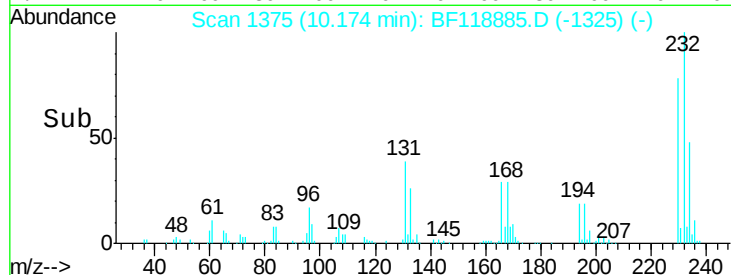
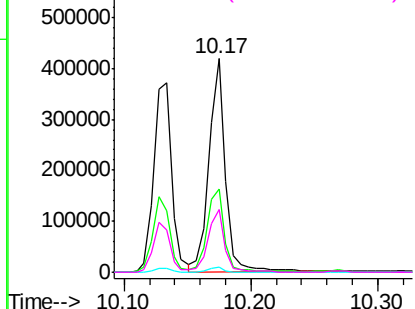
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.799 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 381983
Ion Ratio Lower Upper
232 100
131 40.7 31.8 47.6
130 2.2 1.6 2.4
166 29.1 23.1 34.7

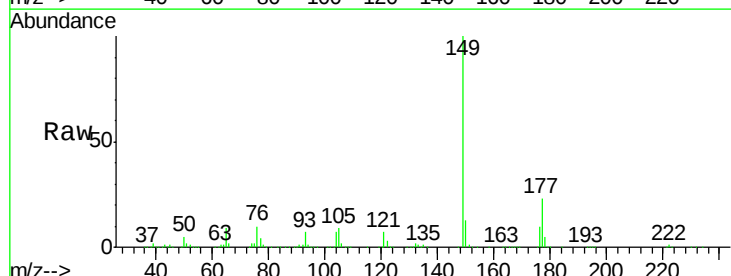


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

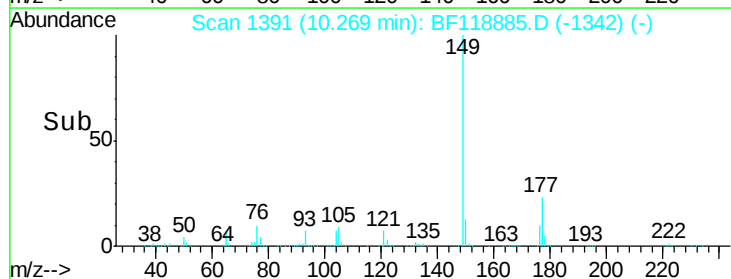
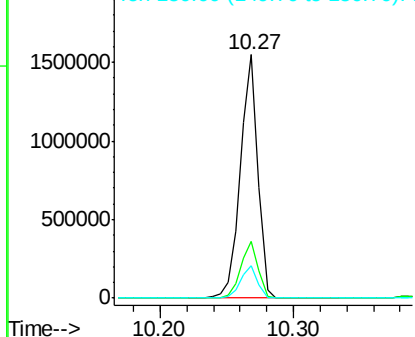


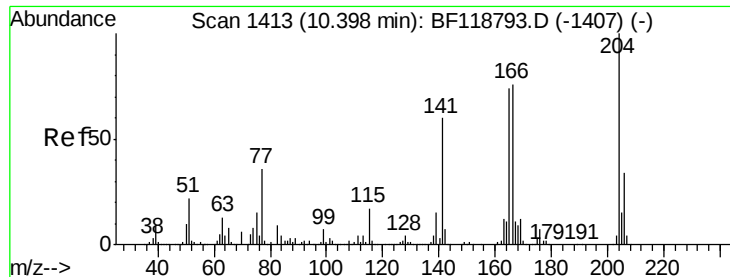
#60
Diethylphthalate
Concen: 38.947 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:149 Resp: 1409678
Ion Ratio Lower Upper
149 100
177 23.4 19.3 28.9
150 13.1 10.4 15.6



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

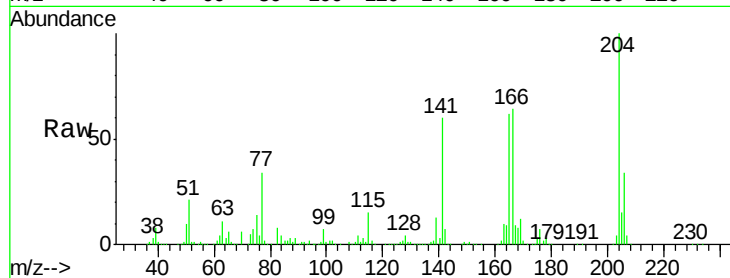




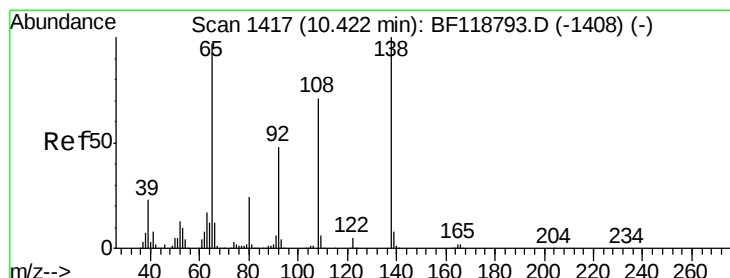
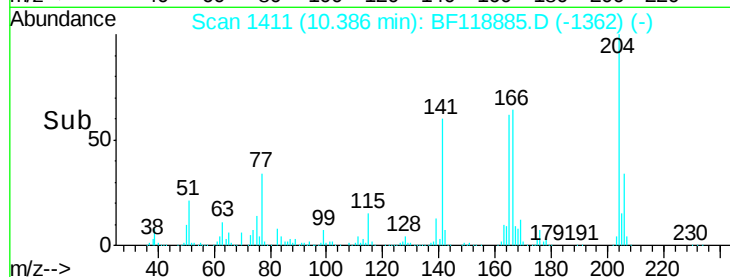
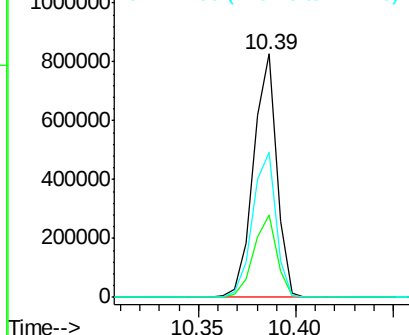
#61
4-Chlorophenyl-phenylether
Concen: 38.762 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 683613
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 59.7 47.8 71.6

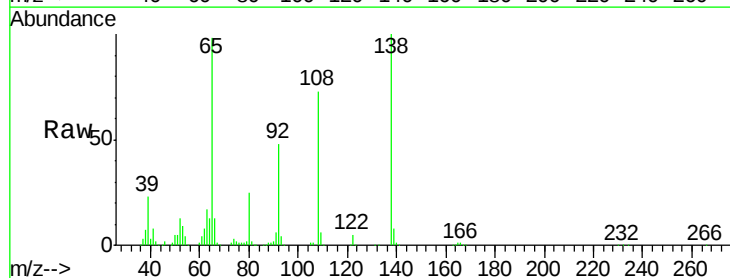


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

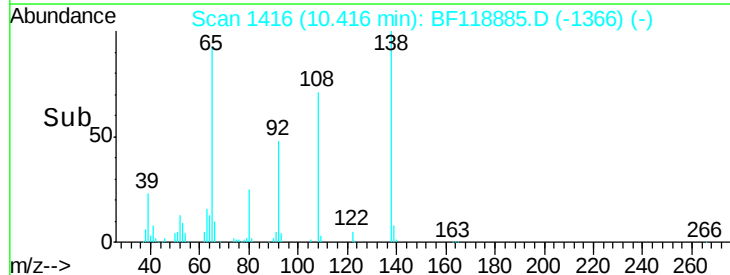
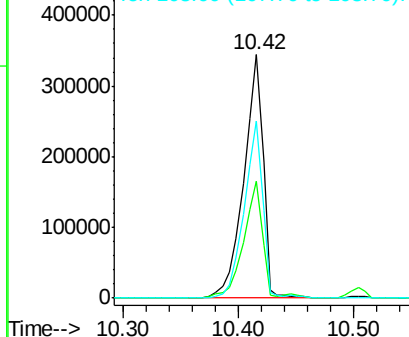


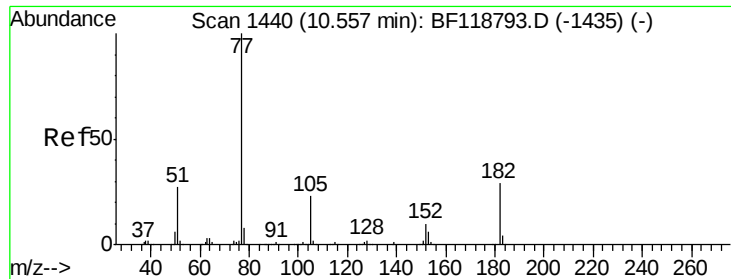
#62
4-Nitroaniline
Concen: 42.257 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:138 Resp: 399714
Ion Ratio Lower Upper
138 100
92 48.0 27.6 67.6
108 72.5 51.3 91.3



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

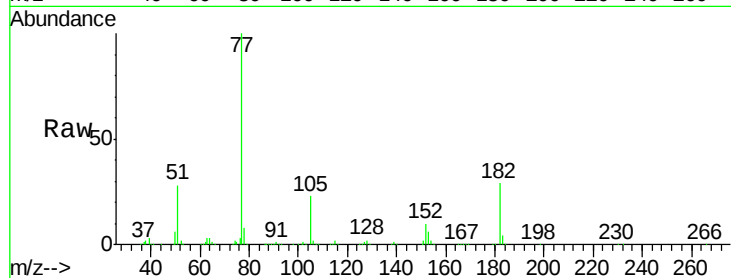




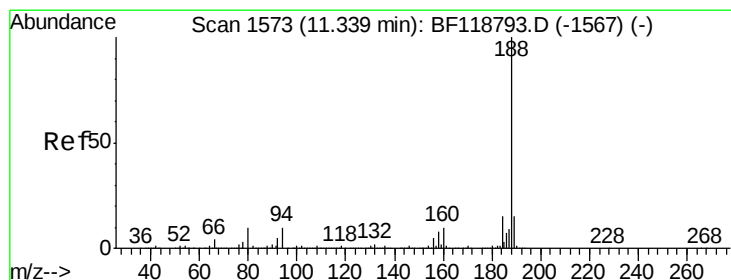
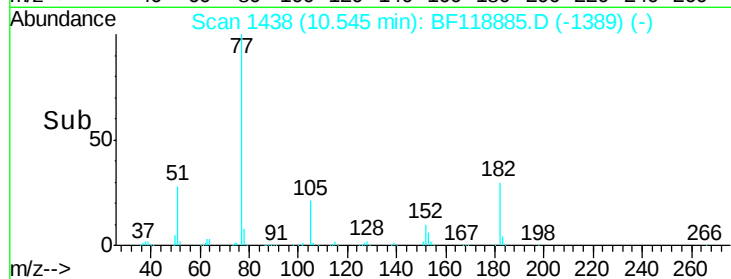
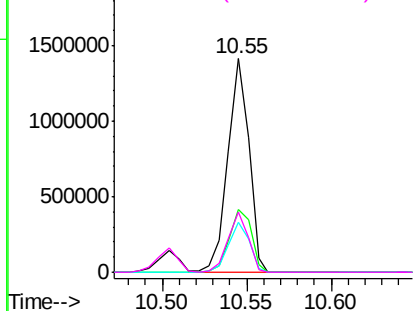
#63
Azobenzene
Concen: 39.552 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 1222206
Ion Ratio Lower Upper
77 100
182 29.1 9.2 49.2
105 23.3 3.1 43.1
51 27.9 7.4 47.4

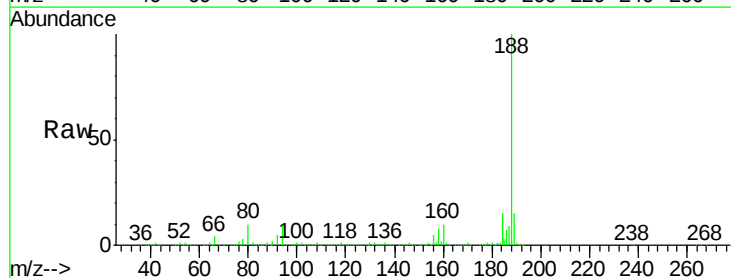


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

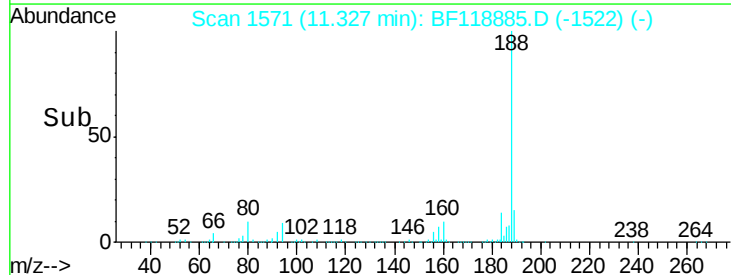
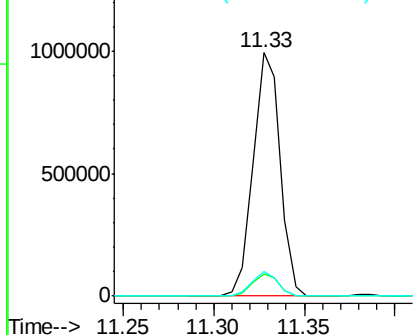


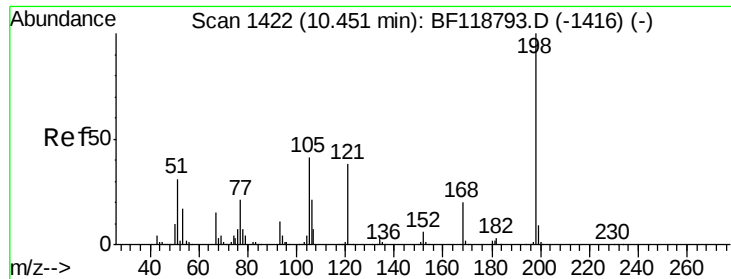
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion: 188 Resp: 1023220
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.2 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

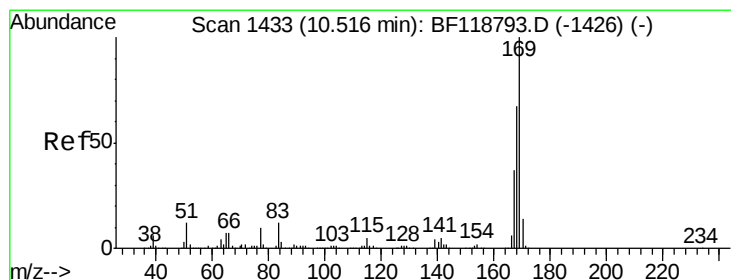
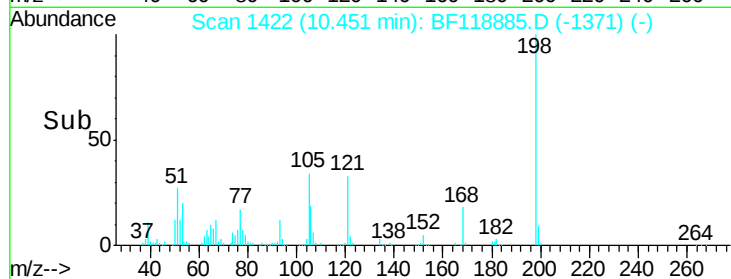
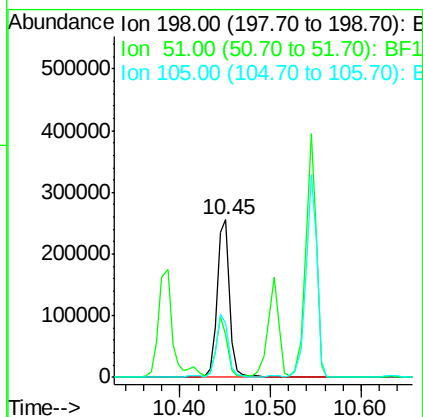
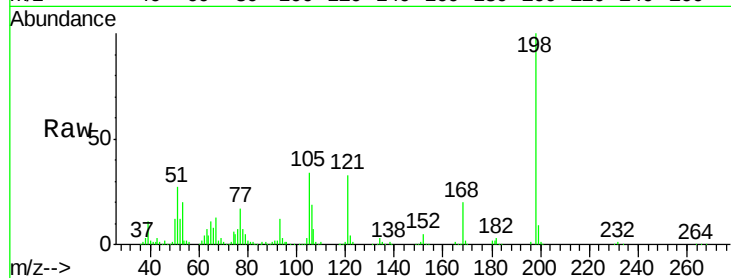




#65
4,6-Dinitro-2-methylphenol
Concen: 41.853 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

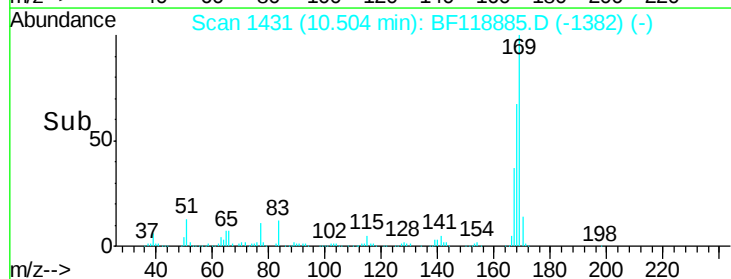
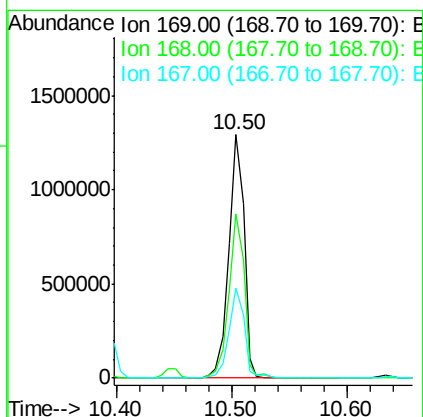
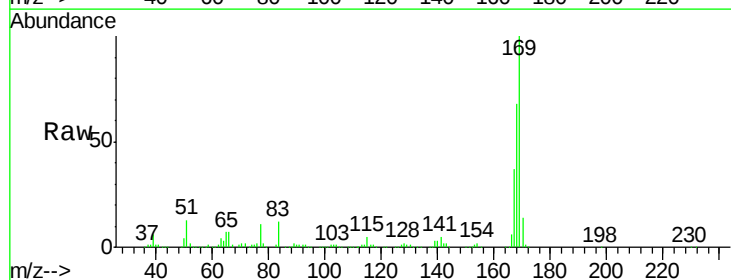
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

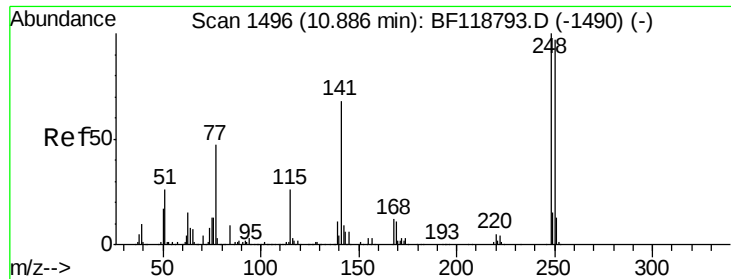
Tot Ion:198 Resp: 240638
Ion Ratio Lower Upper
198 100
51 27.3 16.7 56.7
105 34.2 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 39.977 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:169 Resp: 1184875
Ion Ratio Lower Upper
169 100
168 67.6 53.5 80.3
167 37.1 29.3 43.9

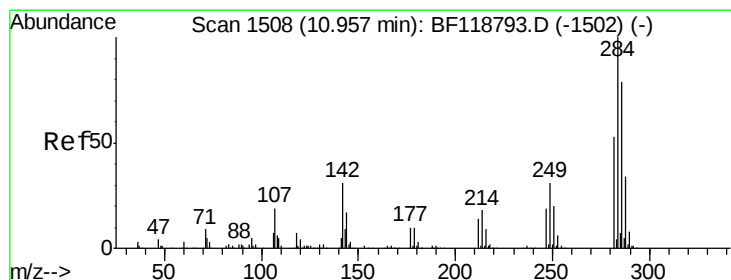
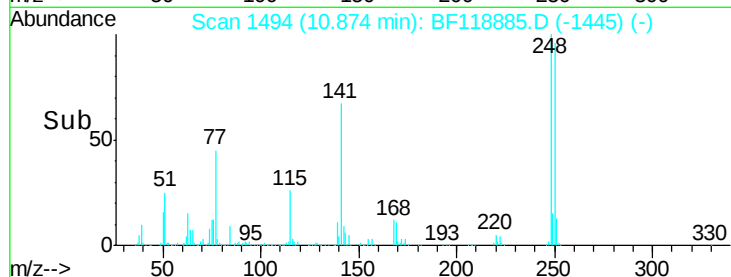
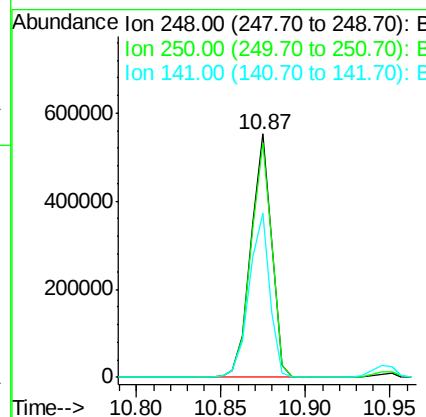
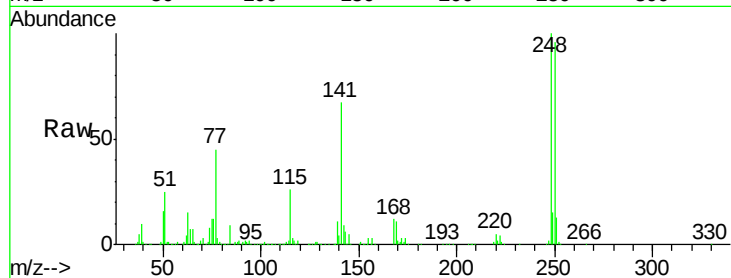




#67
4-Bromophenyl-phenylether
Concen: 39.488 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

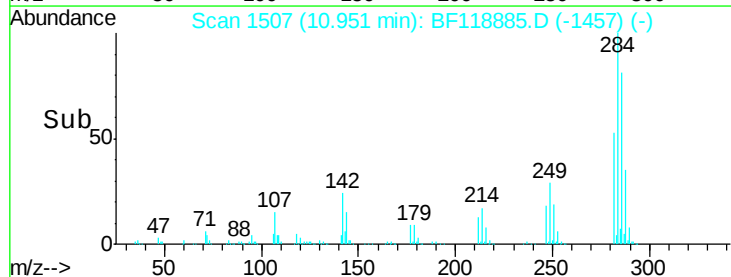
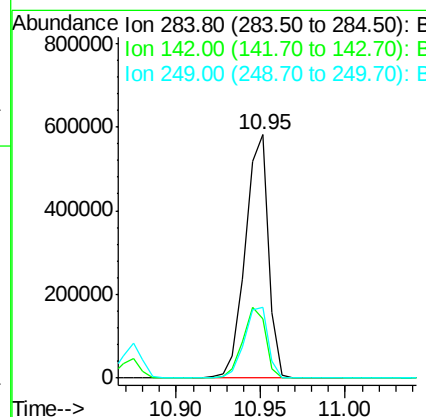
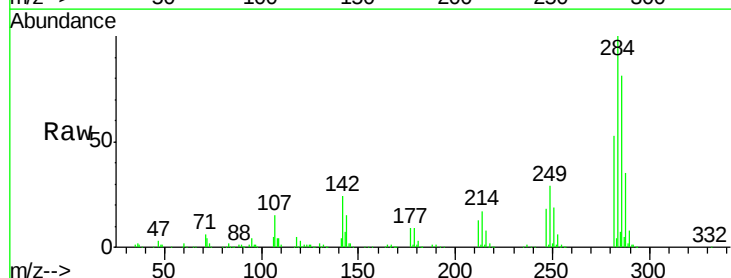
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

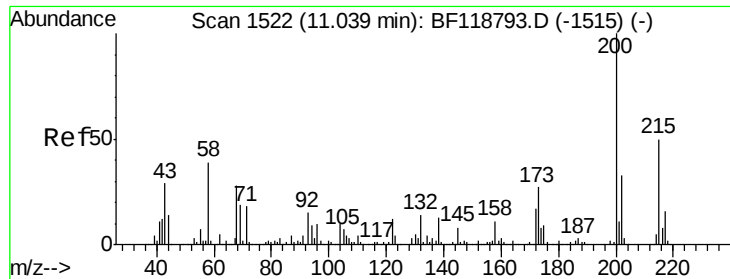
Tot Ion:248 Resp: 477977
Ion Ratio Lower Upper
248 100
250 96.4 77.6 116.4
141 67.3 54.4 81.6



#68
Hexachlorobenzene
Concen: 39.824 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:284 Resp: 552899
Ion Ratio Lower Upper
284 100
142 24.5 24.5 36.7#
249 29.1 24.7 37.1

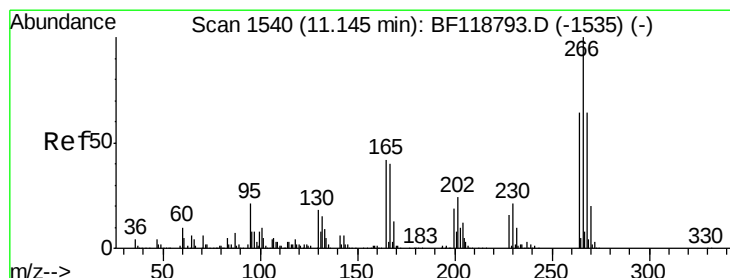
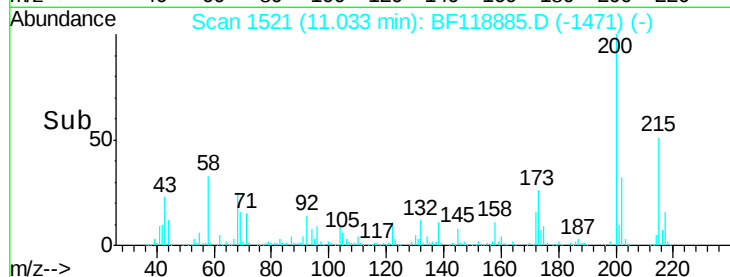
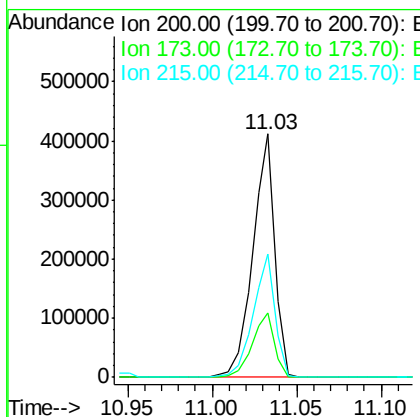
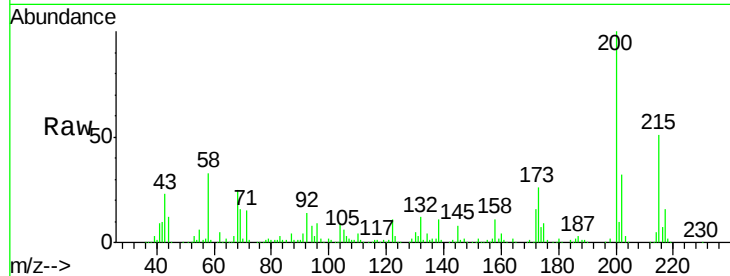




#69
Atrazine
Concen: 37.953 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

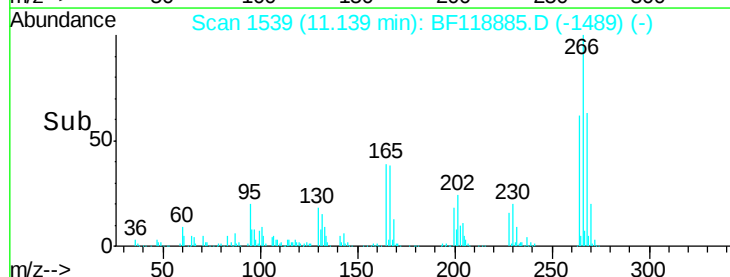
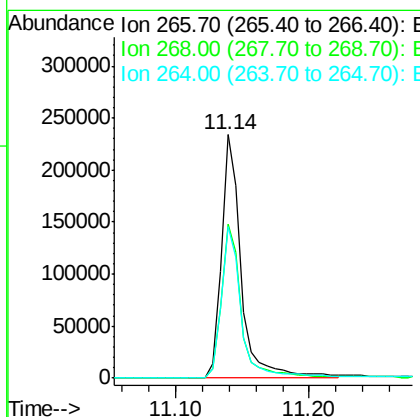
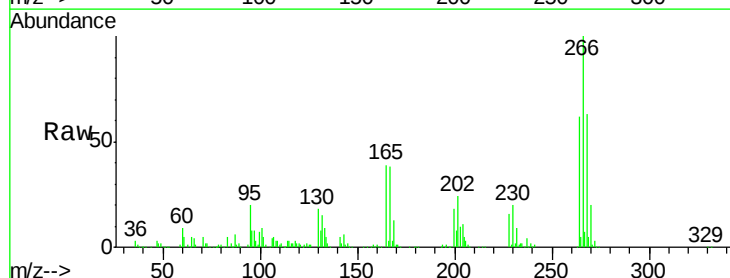
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

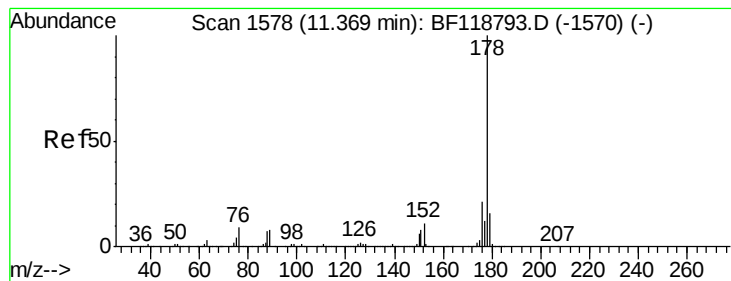
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.5	47.5
215	50.8	29.9	69.9



#70
Pentachlorophenol
Concen: 33.463 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.0	76.6
264	62.1	51.4	77.2





#71

Phenanthrene

Concen: 39.269 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

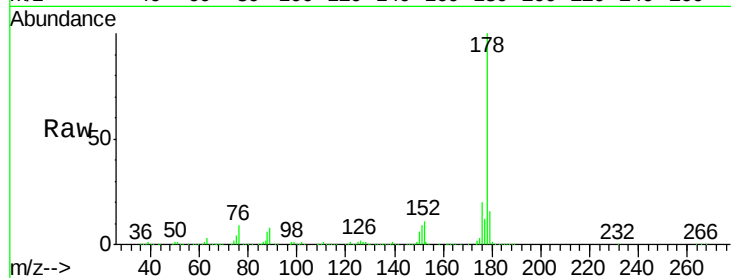
Tot Ion:178 Resp: 1976956

Ion Ratio Lower Upper

178 100

176 20.3 16.6 24.8

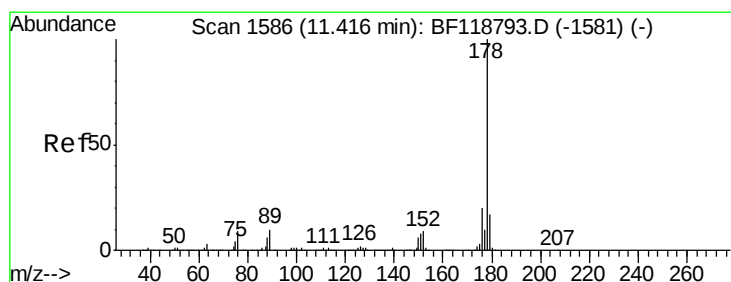
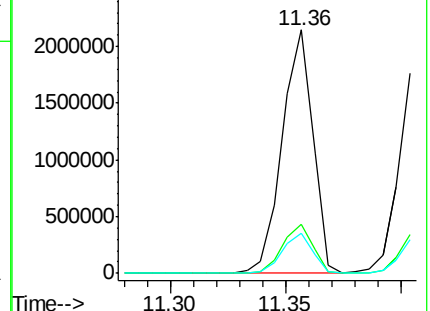
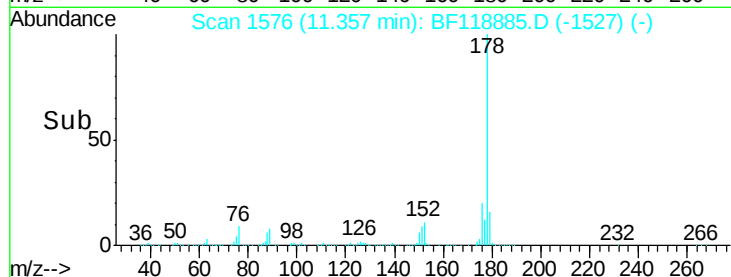
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.240 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

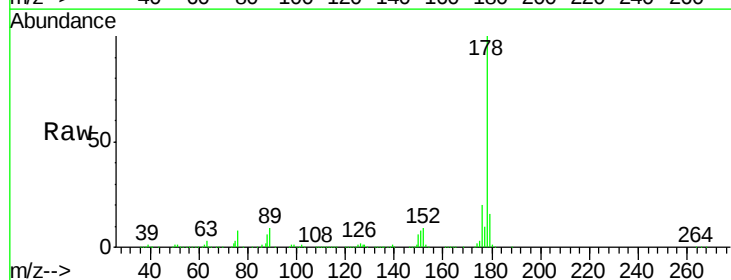
Tgt Ion:178 Resp: 1965267

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.2

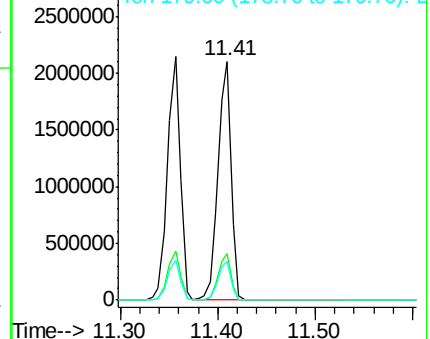
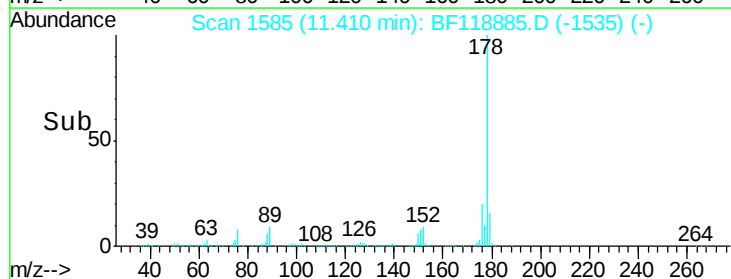
179 16.2 13.4 20.2

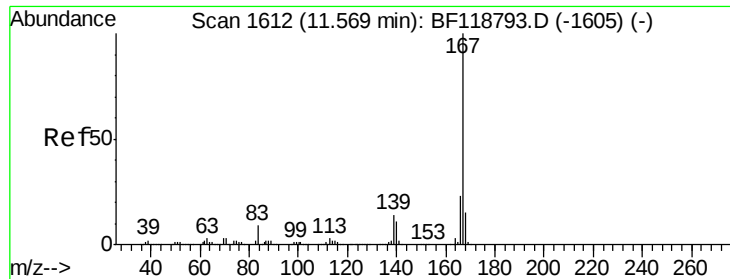


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

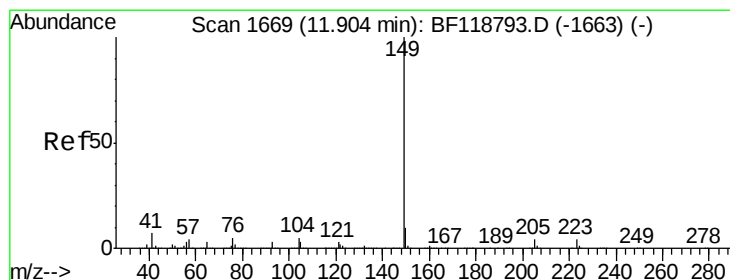
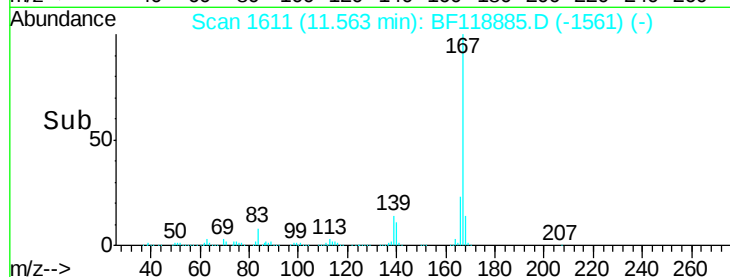
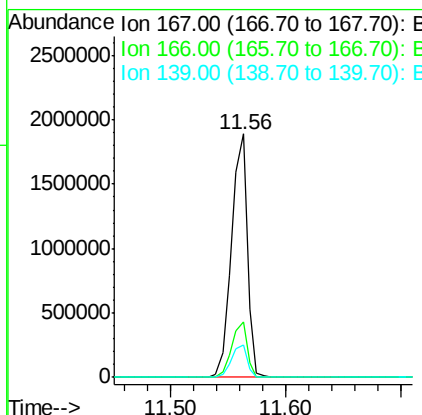
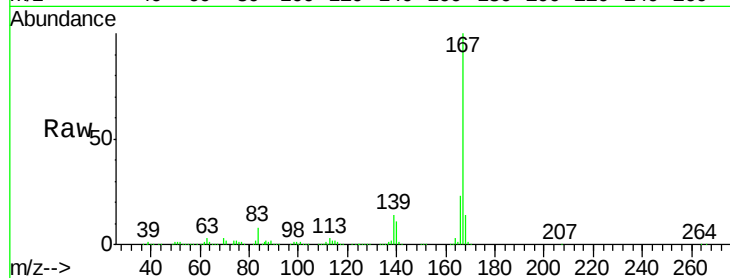




#73
 Carbazole
 Concen: 41.013 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118885.D
 Acq: 11 Feb 2020 15:33

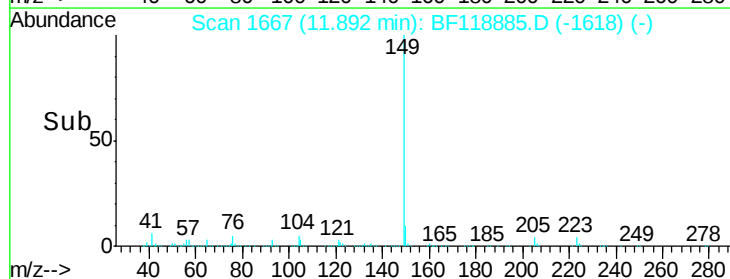
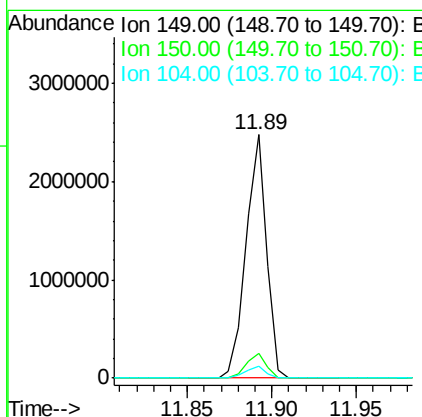
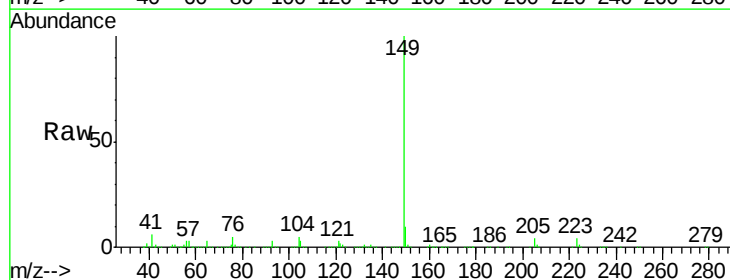
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

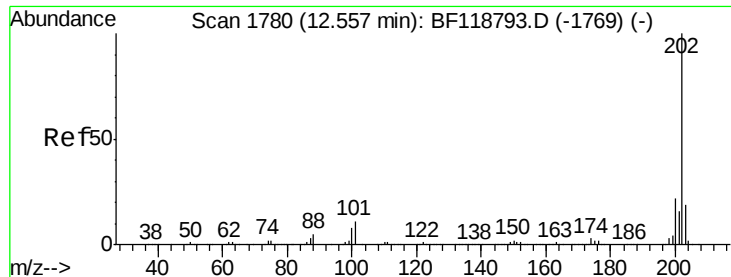
Tot Ion:167 Resp: 1802680
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.4 27.6
 139 13.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 37.629 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BF118885.D
 Acq: 11 Feb 2020 15:33

Tgt Ion:149 Resp: 2106918
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.1 12.1
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 38.333 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

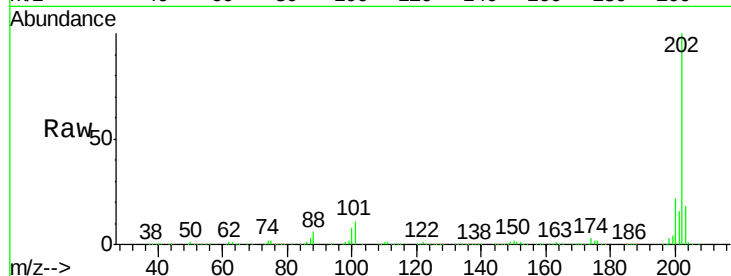
Tot Ion:202 Resp: 2107041

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.0

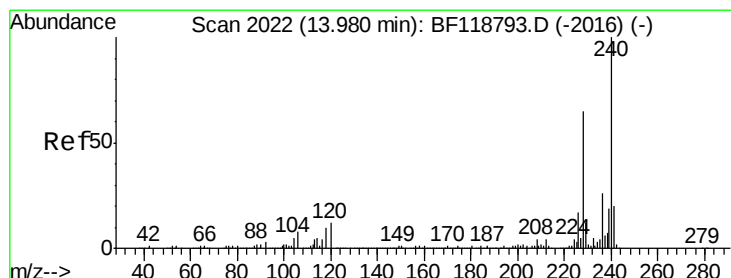
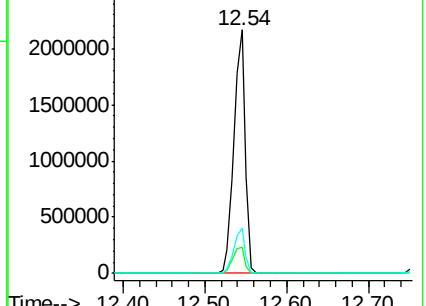
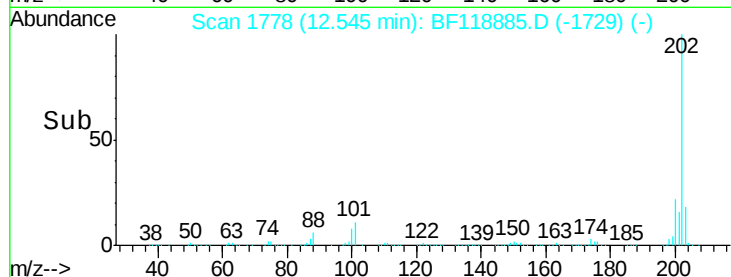
203 18.5 0.0 38.7



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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

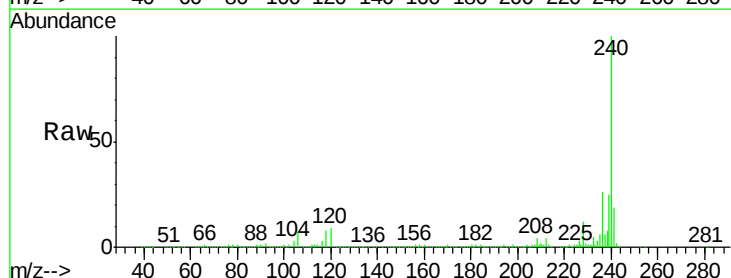
Tgt Ion:240 Resp: 745539

Ion Ratio Lower Upper

240 100

120 9.2 9.4 14.0#

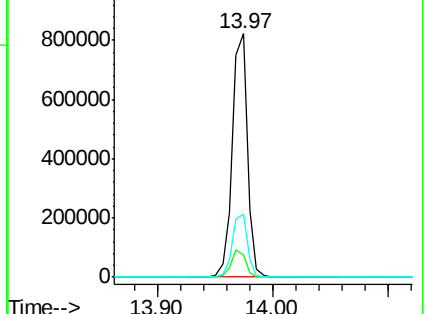
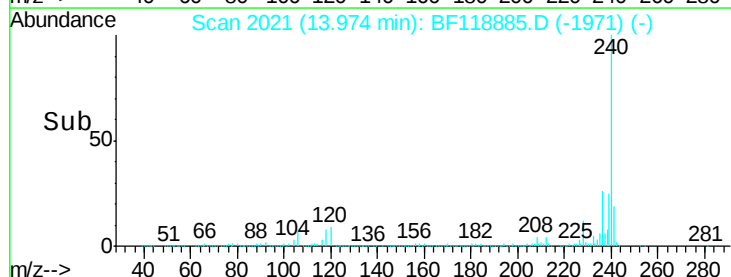
236 25.9 21.0 31.6

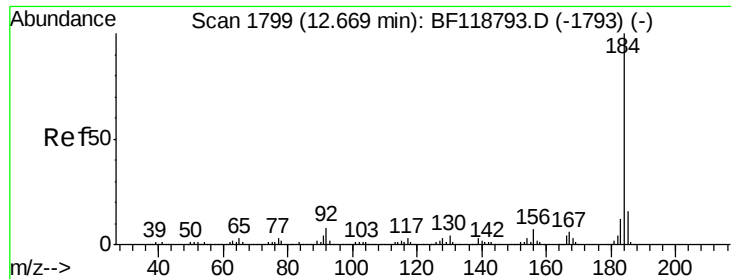


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.302 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

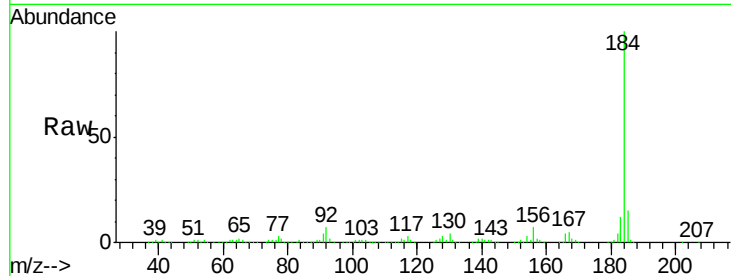
Tot Ion:184 Resp: 818579

Ion Ratio Lower Upper

184 100

185 15.2 12.5 18.7

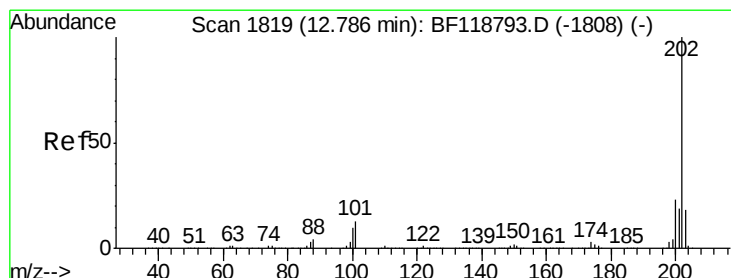
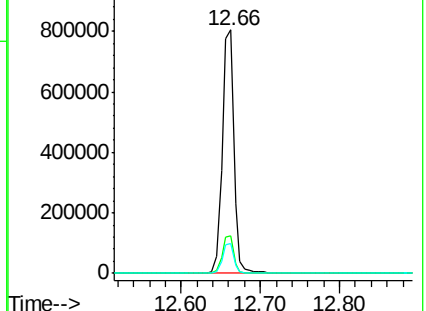
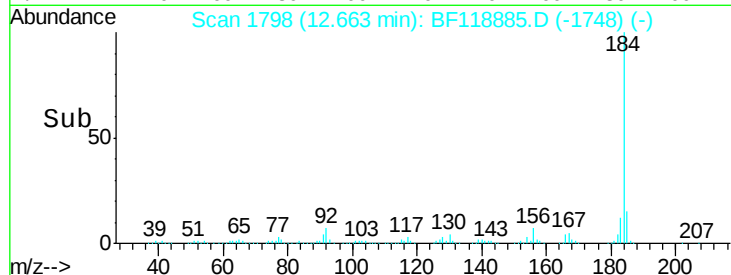
183 12.1 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.781 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

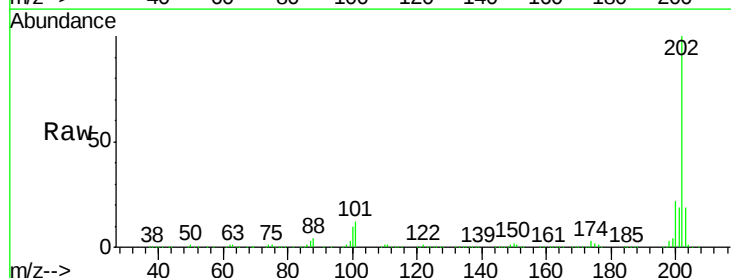
Tgt Ion:202 Resp: 2136914

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

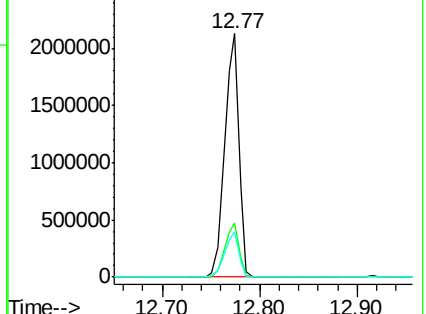
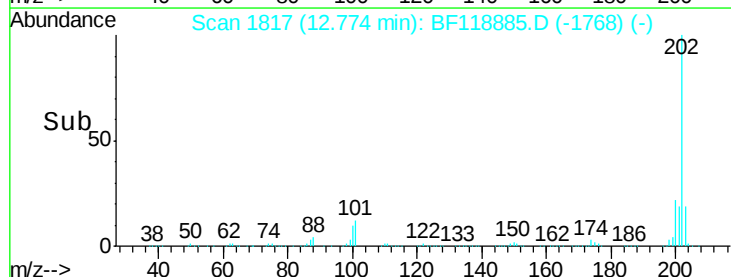
203 18.5 14.8 22.2

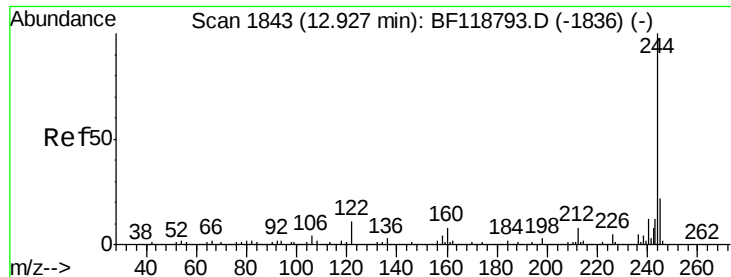


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.463 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

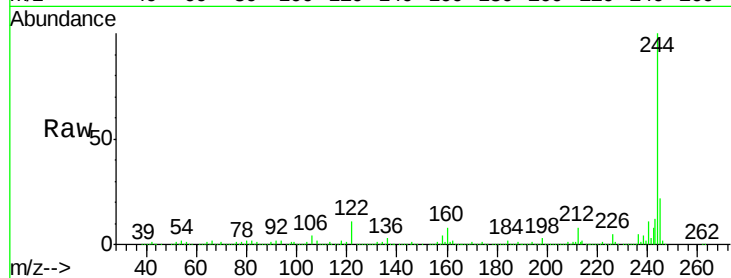
Tot Ion:244 Resp: 2956800

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

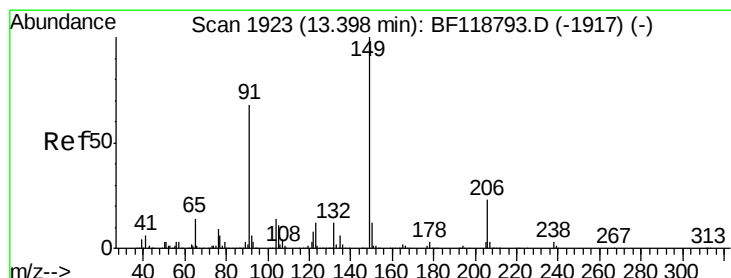
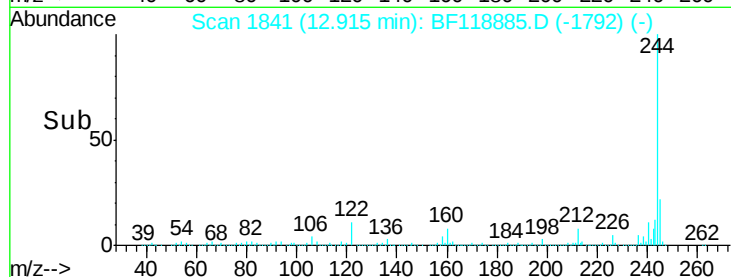
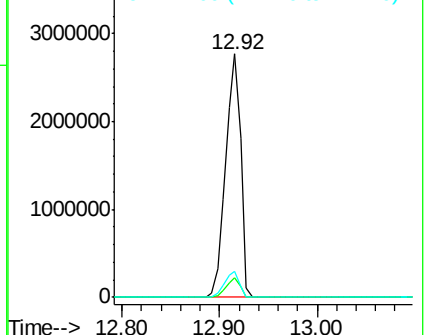
122 10.5 8.9 13.3



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: 39.703 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

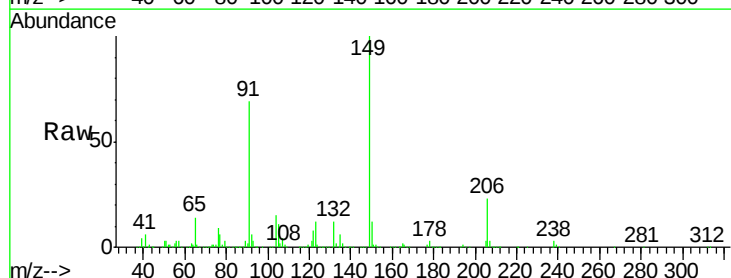
Tgt Ion:149 Resp: 926848

Ion Ratio Lower Upper

149 100

91 68.8 54.7 82.1

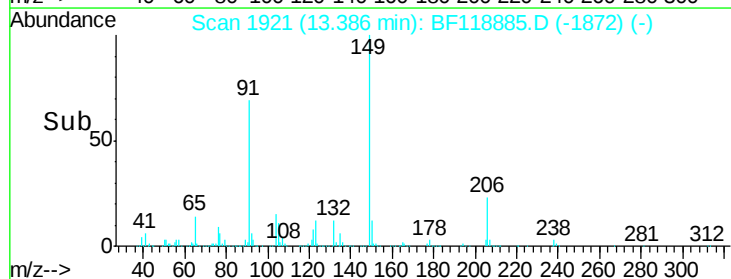
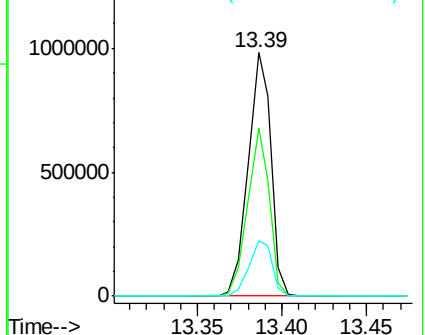
206 22.9 18.5 27.7

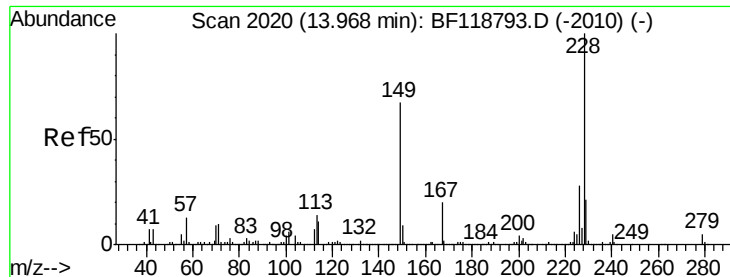


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.722 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

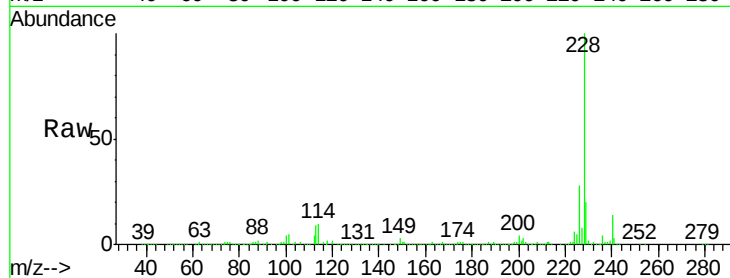
Tot Ion:228 Resp: 1850971

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.2	16.6	25.0

228 100

226 27.9 22.7 34.1

229 20.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.96

1500000

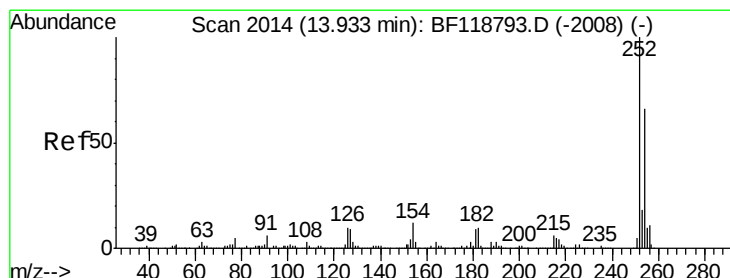
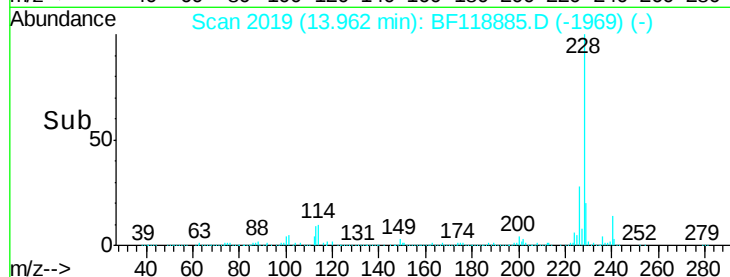
1000000

500000

0

13.90 13.95 14.00

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 40.727 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

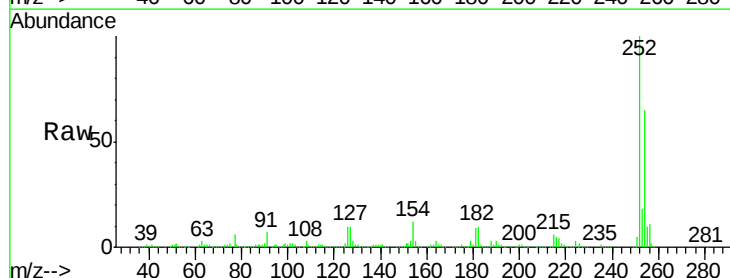
Tgt Ion:252 Resp: 738988

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.4	78.6
126	9.6	7.8	11.8

252 100

254 65.1 52.4 78.6

126 9.6 7.8 11.8



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

13.92

1000000

800000

600000

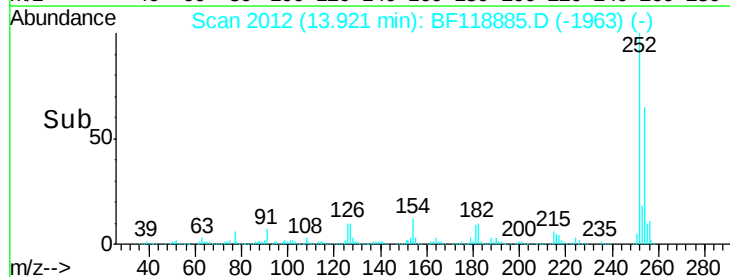
400000

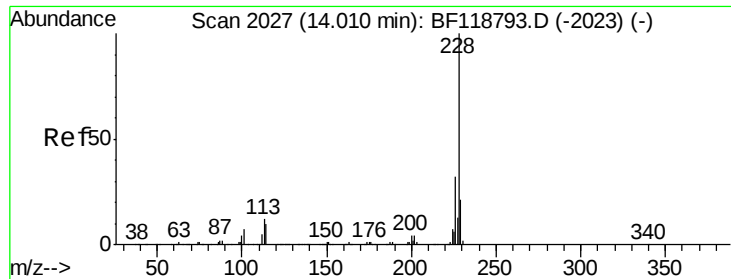
200000

0

13.85 13.90 13.95 14.00

Time-->





#83

Chrysene

Concen: 40.914 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

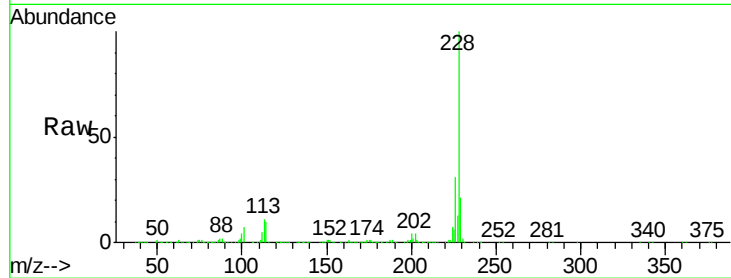
Tot Ion:228 Resp: 1821747

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

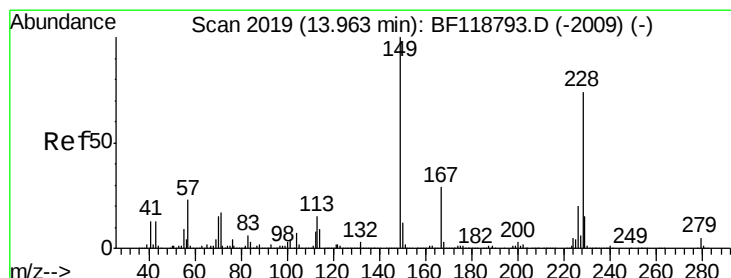
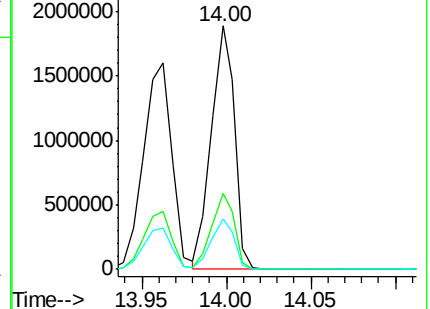
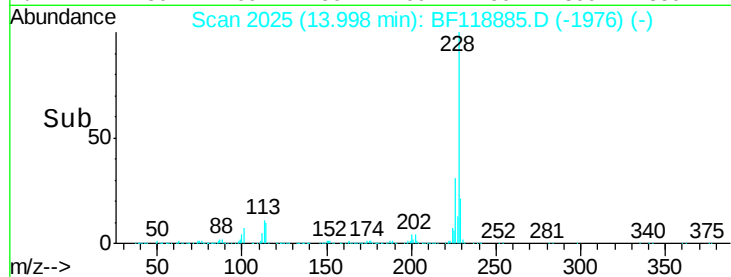
229 20.5 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.910 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

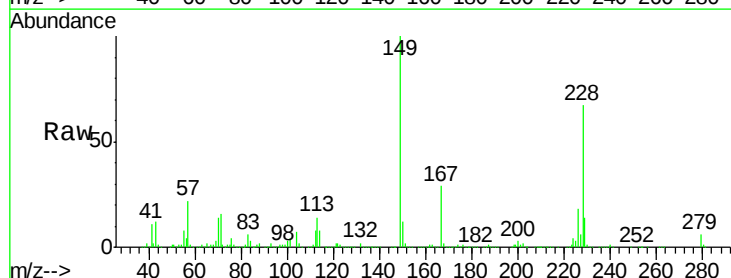
Tgt Ion:149 Resp: 1152415

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.6

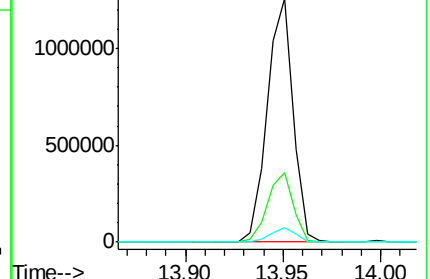
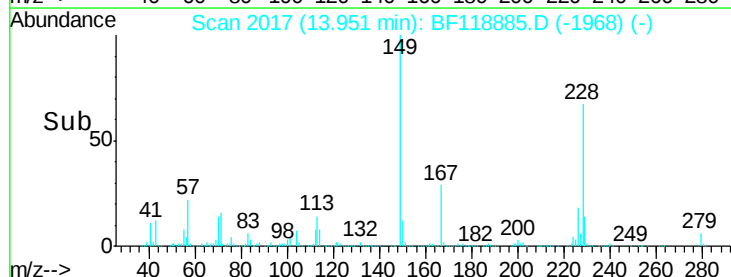
279 5.8 4.4 6.6

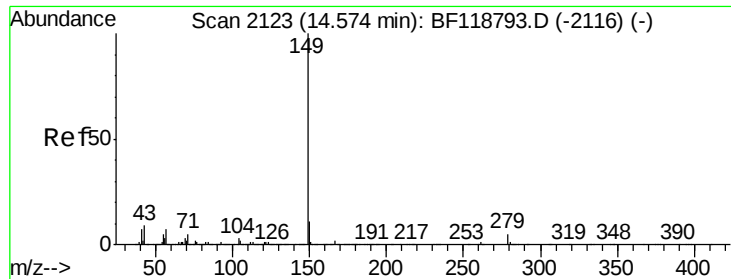


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.370 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

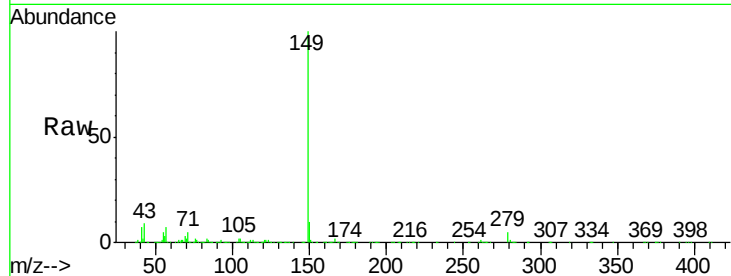
Tot Ion:149 Resp: 1896112

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

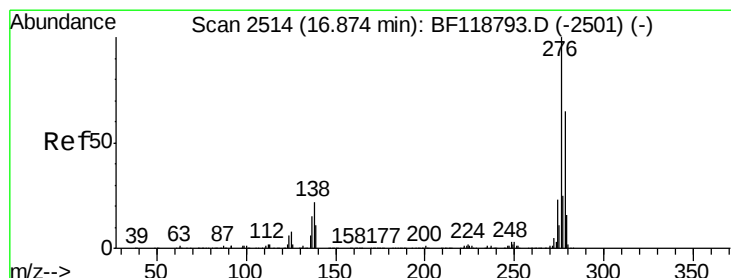
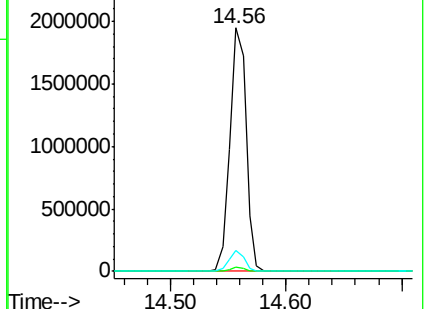
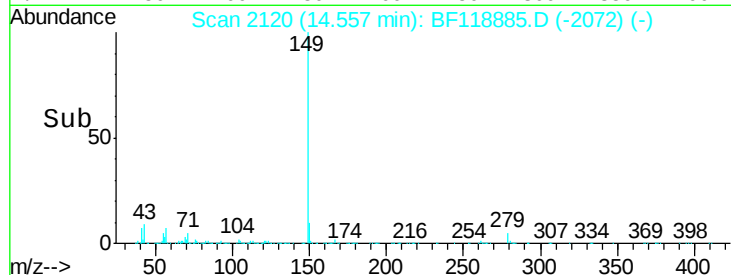
43 8.1 6.6 10.0



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: 35.823 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

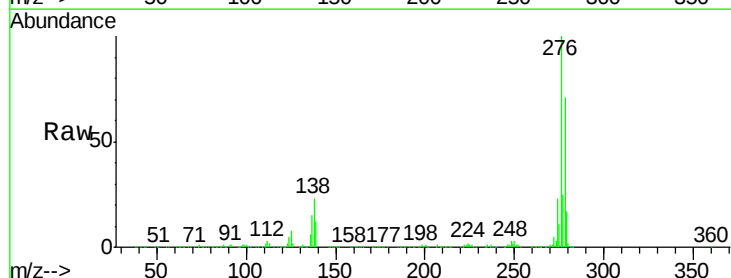
Tgt Ion:276 Resp: 1602615

Ion Ratio Lower Upper

276 100

138 22.8 18.3 27.5

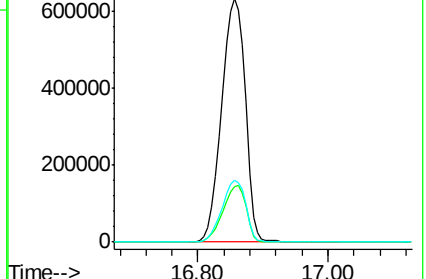
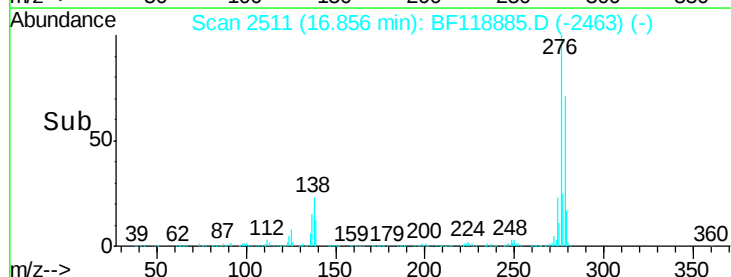
277 25.4 20.2 30.4

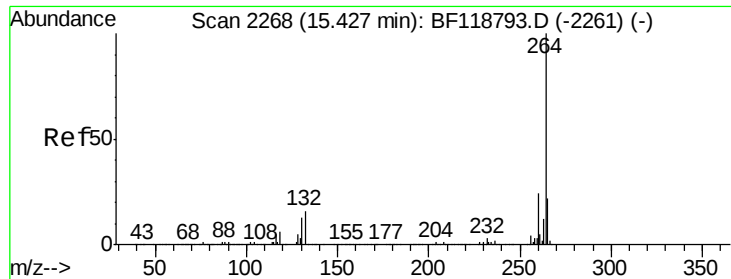


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

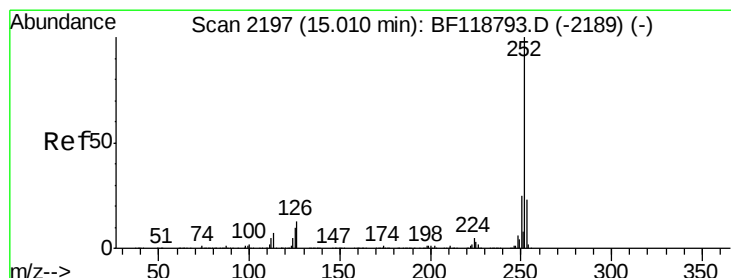
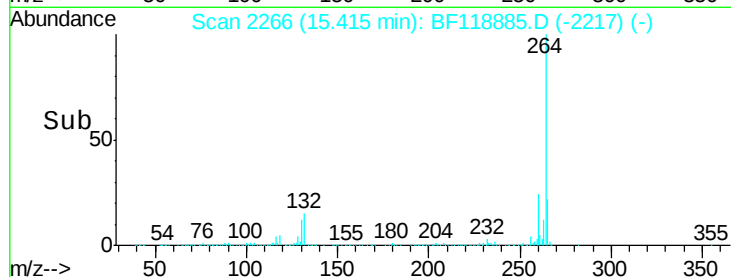
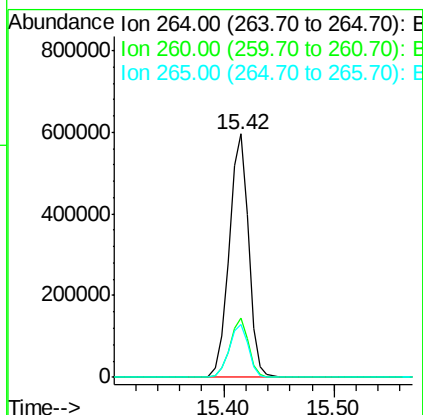
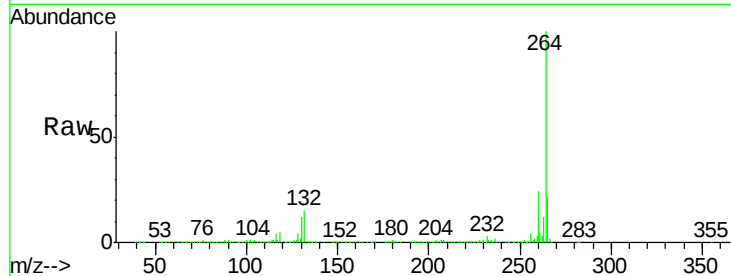




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

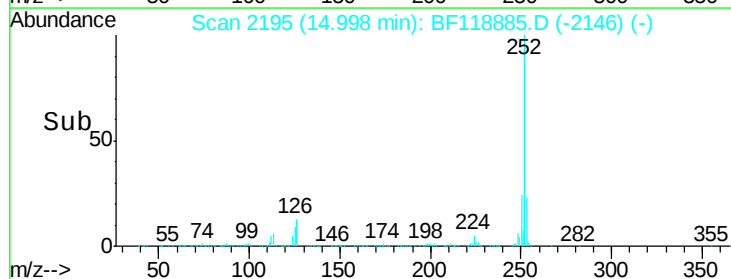
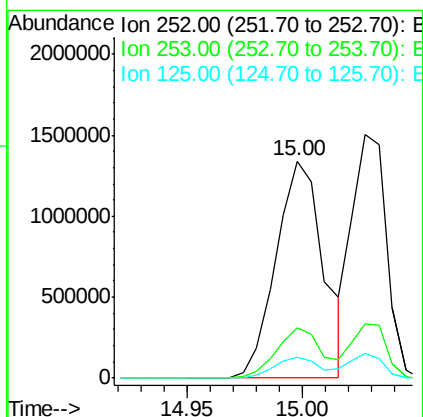
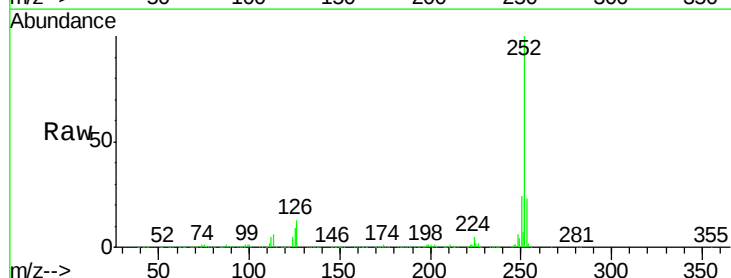
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

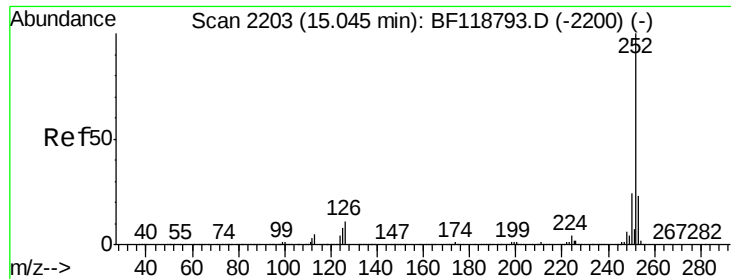
Tot Ion:264 Resp: 735101
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 21.7 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 42.001 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:252 Resp: 1915869
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 9.4 8.1 12.1

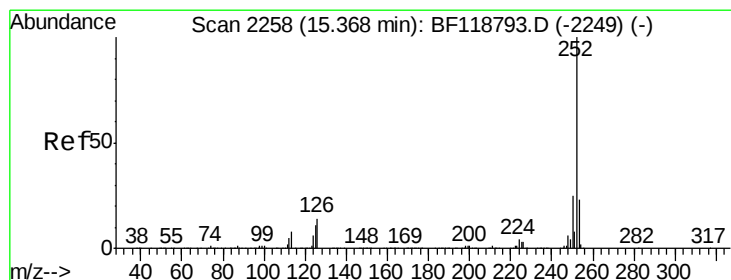
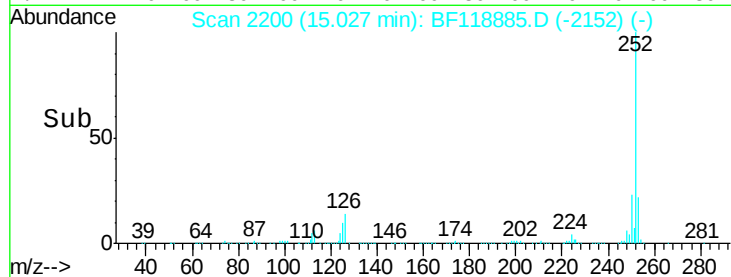
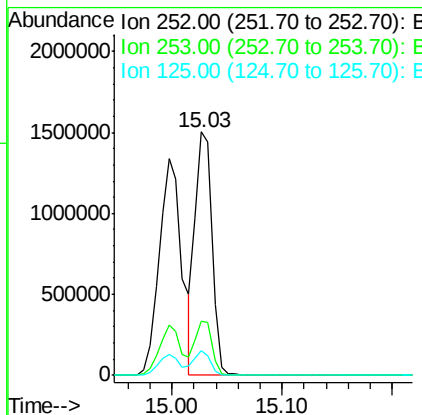
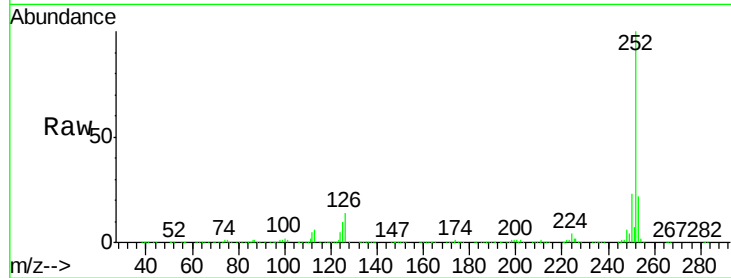




#89
Benzo(k)fluoranthene
Concen: 39.481 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

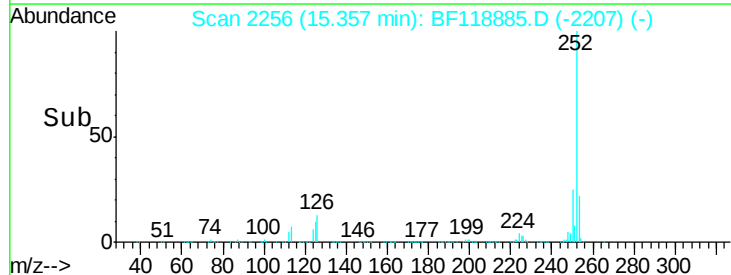
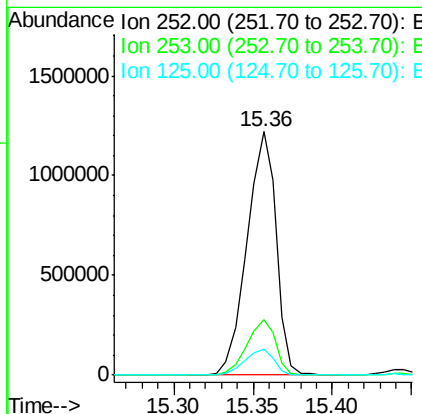
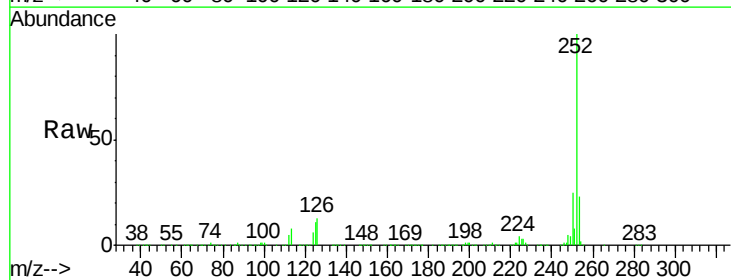
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

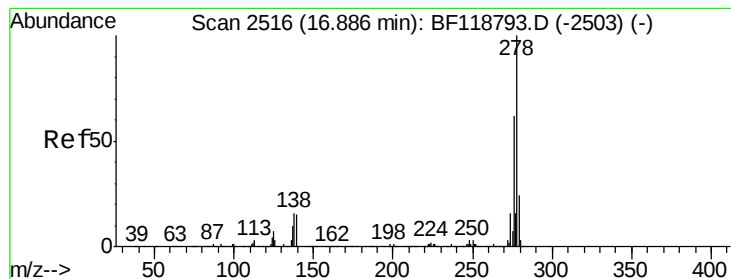
Tot Ion:252 Resp: 1568232
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 10.0 7.0 10.6



#90
Benzo(a)pyrene
Concen: 39.901 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF118885.D
Acq: 11 Feb 2020 15:33

Tgt Ion:252 Resp: 1557610
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 37.971 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.02 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

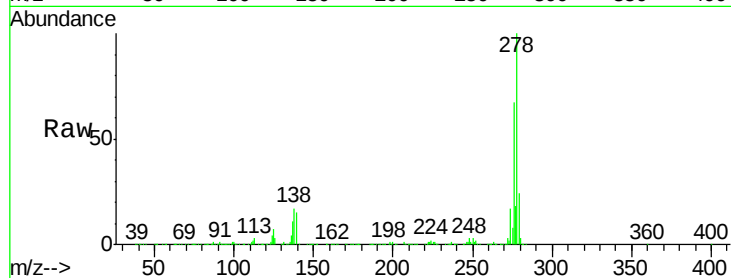
Tot Ion:278 Resp: 1315861

Ion Ratio Lower Upper

278 100

139 14.9 12.3 18.5

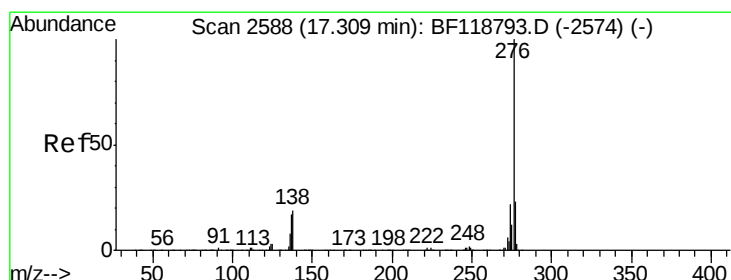
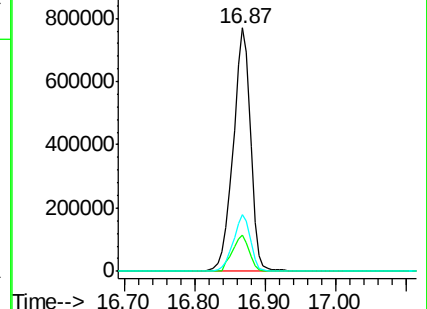
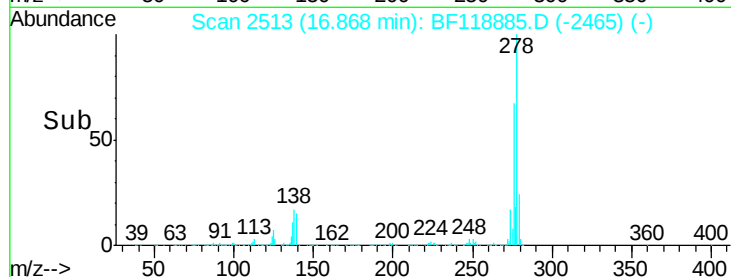
279 23.5 19.1 28.7



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: 38.386 ng

RT: 17.29 min Scan# 2584

Delta R.T. -0.02 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

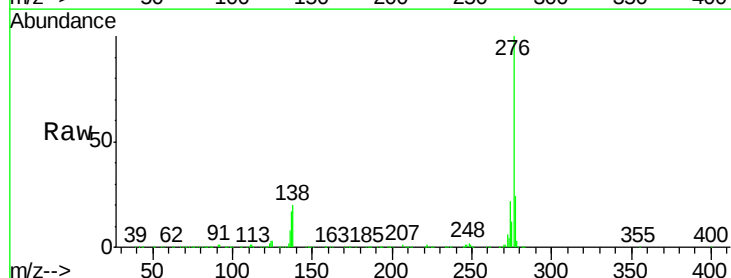
Tgt Ion:276 Resp: 1279325

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 19.9 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

