

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118864.D
 Acq On : 10 Feb 2020 10:14
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 11 00:13:02 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	6.82	152	319056	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1184439	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	666772	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1312899	20.00	ng	0.00
76) Chrysene-d12	13.98	240	943384	20.00	ng	0.00
87) Perylene-d12	15.42	264	982274	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1419515	84.22	ng	0.00
7) Phenol-d6	6.46	99	1796604	85.87	ng	0.00
23) Nitrobenzene-d5	7.39	82	1708417	85.97	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	665005	83.35	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3153918	84.56	ng	0.00
79) Terphenyl-d14	12.92	244	3911159	85.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	315907	41.126	ng	100
3) Pyridine	3.29	79	906644	42.506	ng	99
4) n-Nitrosodimethylamine	3.24	42	340237	43.812	ng	94
6) Aniline	6.49	93	1140879	42.336	ng	98
8) 2-Chlorophenol	6.61	128	814119	43.365	ng	98
9) Benzaldehyde	6.37	77	502954	42.628	ng	100
10) Phenol	6.47	94	966576	41.547	ng	81
11) bis(2-Chloroethyl)ether	6.56	93	774065	43.489	ng	99
12) 1,3-Dichlorobenzene	6.76	146	949980	42.511	ng	98
13) 1,4-Dichlorobenzene	6.84	146	961011	43.113	ng	98
14) 1,2-Dichlorobenzene	6.99	146	878470	41.256	ng	98
15) Benzyl Alcohol	6.96	79	704296	43.548	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	946024	43.401	ng	97
17) 2-Methylphenol	7.08	107	685379	43.911	ng	98
18) Hexachloroethane	7.33	117	346405	43.299	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	548512	42.846	ng	100
20) 3+4-Methylphenols	7.23	107	752271	38.451	ng	# 86
22) Acetophenone	7.23	105	1083534	42.106	ng	98
24) Nitrobenzene	7.40	77	857748	43.208	ng	97
25) Isophorone	7.65	82	1519608	42.550	ng	98
26) 2-Nitrophenol	7.72	139	464159	43.879	ng	98
27) 2,4-Dimethylphenol	7.76	122	615390	42.827	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	997343	43.067	ng	100
29) 2,4-Dichlorophenol	7.96	162	750468	43.610	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	850067	42.262	ng	100
31) Naphthalene	8.12	128	2277552	42.043	ng	100
32) Benzoic acid	7.90	122	480714	40.406	ng	98
33) 4-Chloroaniline	8.17	127	1039962	42.910	ng	98
34) Hexachlorobutadiene	8.25	225	526327	42.711	ng	97
35) Caprolactam	8.56	113	244995	43.917	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	756717	43.695	ng	98
37) 2-Methylnaphthalene	8.82	142	1593011	42.401	ng	97
38) 1-Methylnaphthalene	8.92	142	1495013	42.300	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	869114	43.189	ng	99

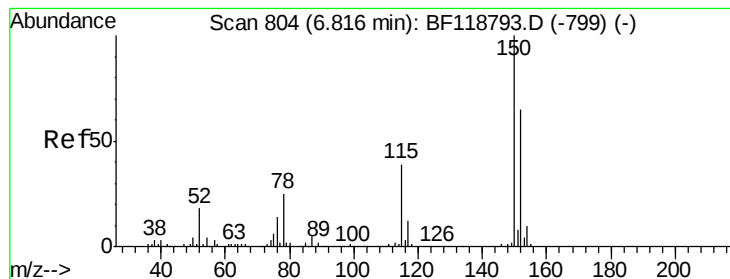
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118864.D
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 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	287275	36.406	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	581993	43.249	ng	100
44) 2,4,5-Trichlorophenol	9.14	196	594484	43.236	ng	99
46) 1,1'-Biphenyl	9.28	154	1964467	42.591	ng	99
47) 2-Chloronaphthalene	9.30	162	1644714	42.893	ng	99
48) 2-Nitroaniline	9.40	65	500780	45.282	ng	95
49) Acenaphthylene	9.72	152	2409278	43.517	ng	100
50) Dimethylphthalate	9.58	163	2059010	45.352	ng	100
51) 2,6-Dinitrotoluene	9.64	165	467486	45.002	ng	94
52) Acenaphthene	9.89	154	1459796	40.014	ng	100
53) 3-Nitroaniline	9.81	138	508632	44.149	ng	94
54) 2,4-Dinitrophenol	9.92	184	208512	41.753	ng	99
55) Dibenzofuran	10.06	168	2124029	40.286	ng	99
56) 4-Nitrophenol	9.97	139	331644	39.775	ng	98
57) 2,4-Dinitrotoluene	10.05	165	610937	44.440	ng	# 87
58) Fluorene	10.40	166	1641467	41.384	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	513142	42.733	ng	99
60) Diethylphthalate	10.28	149	1925814	43.623	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	873595	40.612	ng	95
62) 4-Nitroaniline	10.43	138	520510	45.116	ng	97
63) Azobenzene	10.56	77	1642346	43.575	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	311905	42.279	ng	98
66) n-Nitrosodiphenylamine	10.52	169	1578459	41.506	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	635917	40.945	ng	96
68) Hexachlorobenzene	10.96	284	716842	40.240	ng	99
69) Atrazine	11.04	200	523406	41.311	ng	100
70) Pentachlorophenol	11.15	266	360931	38.372	ng	98
71) Phenanthrene	11.36	178	2582184	39.974	ng	99
72) Anthracene	11.42	178	2618570	40.748	ng	100
73) Carbazole	11.57	167	2425673	43.011	ng	100
74) Di-n-butylphthalate	11.90	149	2956959	41.159	ng	99
75) Fluoranthene	12.55	202	2865698	40.632	ng	99
77) Benzidine	12.67	184	1163778	40.787	ng	99
78) Pyrene	12.78	202	2864582	44.262	ng	99
80) Butylbenzylphthalate	13.39	149	1317432	44.599	ng	99
81) Benzo(a)anthracene	13.97	228	2433248	43.345	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	984020	42.858	ng	99
83) Chrysene	14.00	228	2373874	42.133	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1619155	43.204	ng	99
85) Di-n-octyl phthalate	14.56	149	2649333	41.265	ng	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	2266840	40.044	ng	100
88) Benzo(b)fluoranthene	15.00	252	2644465	43.386	ng	99
89) Benzo(k)fluoranthene	15.04	252	2203950	41.524	ng	100
90) Benzo(a)pyrene	15.36	252	2221125	42.580	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	1850623	39.964	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1759225	39.503	ng	99

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

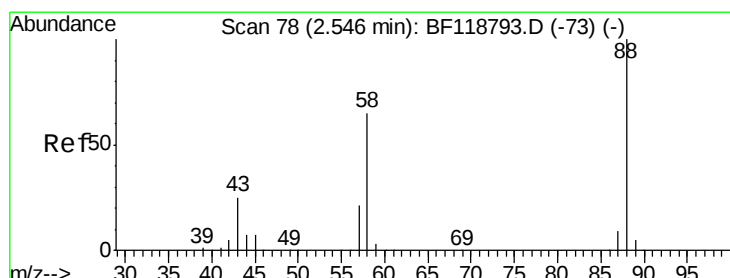
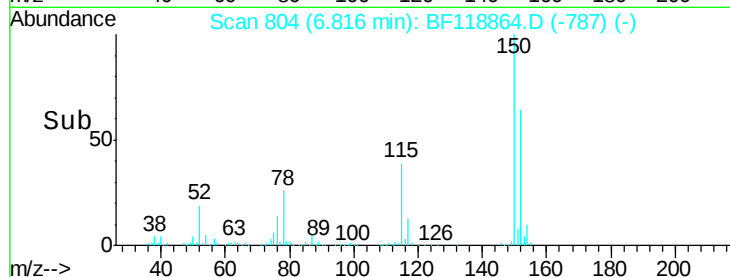
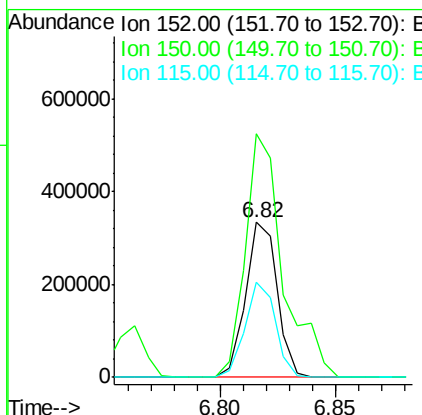
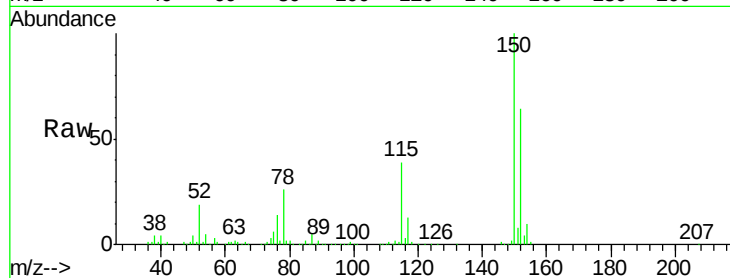


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

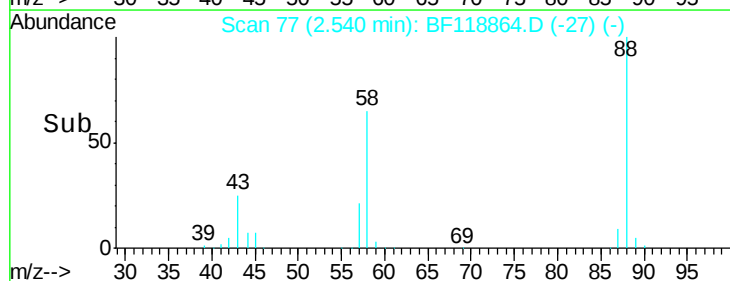
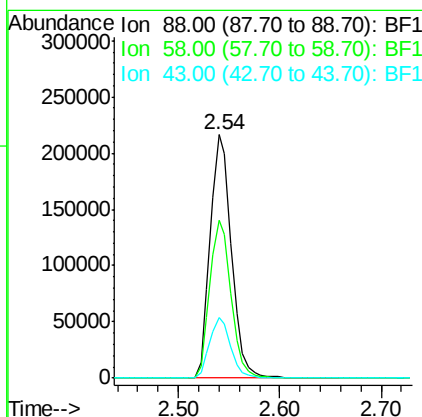
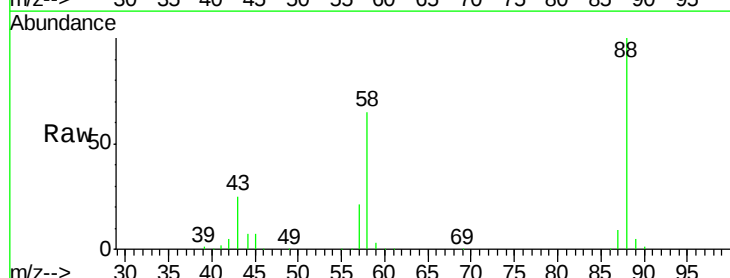
Tot Ion:152 Resp: 319056
Ion Ratio Lower Upper
152 100
150 157.4 123.6 185.4
115 61.8 48.2 72.2

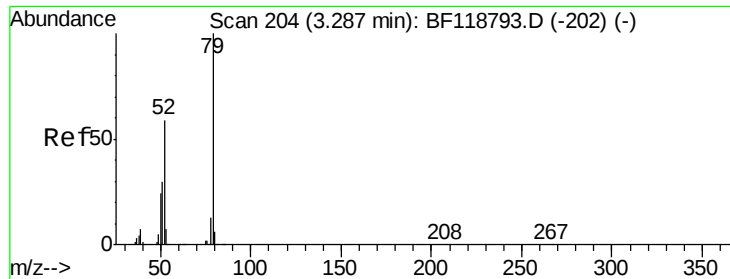


#2

1,4-Dioxane
Concen: 41.126 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion: 88 Resp: 315907
Ion Ratio Lower Upper
88 100
58 64.7 51.6 77.4
43 24.5 19.8 29.6





#3

Pvridine

Concen: 42.506 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

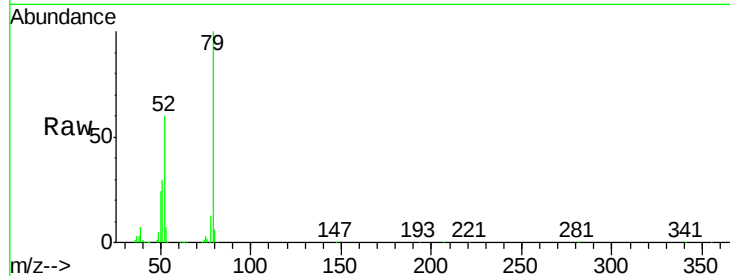
Tot Ion: 79 Resp: 906644

Ion Ratio Lower Upper

79 100

52 59.8 47.4 71.0

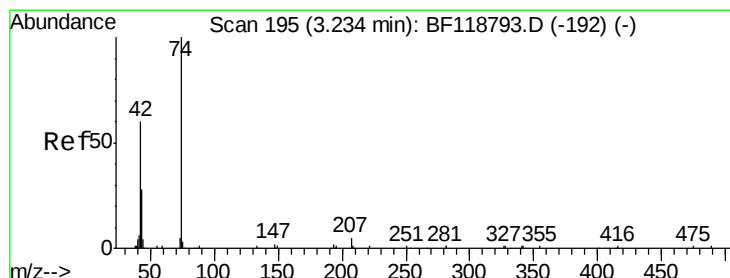
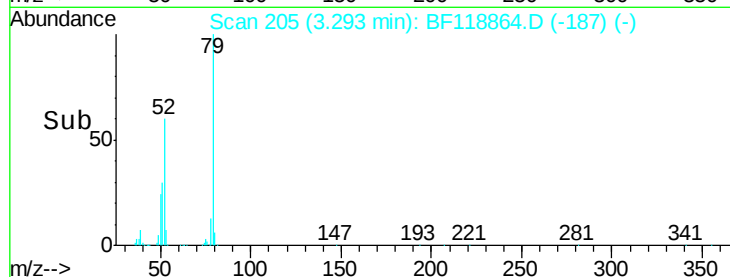
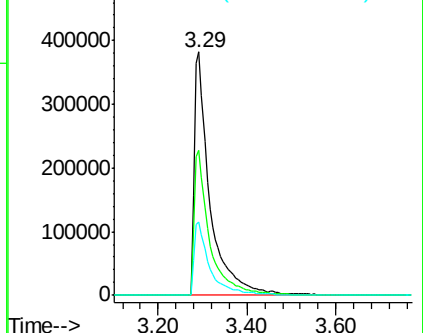
51 30.1 24.2 36.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.812 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

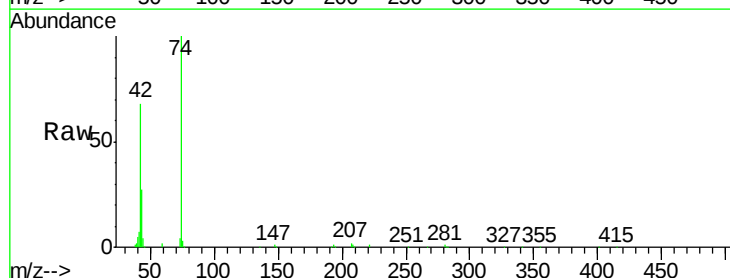
Tgt Ion: 42 Resp: 340237

Ion Ratio Lower Upper

42 100

74 147.6 124.3 186.5

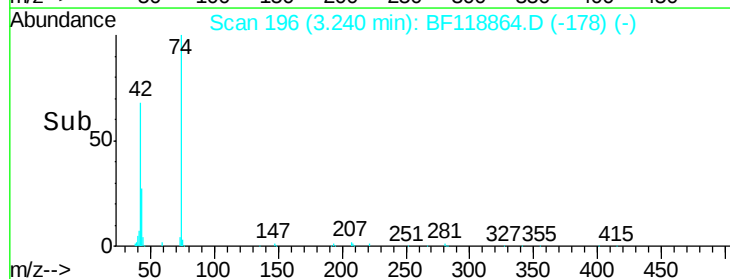
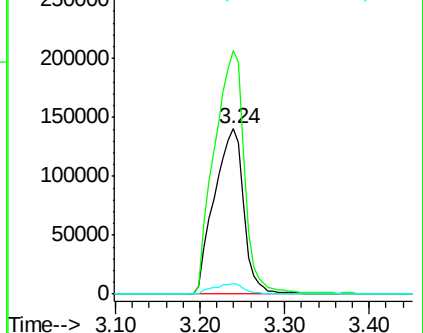
44 6.1 5.3 7.9

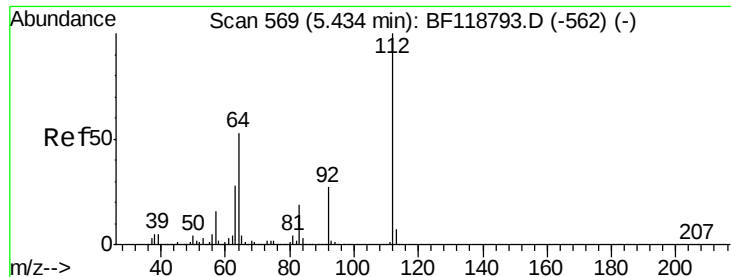


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.218 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

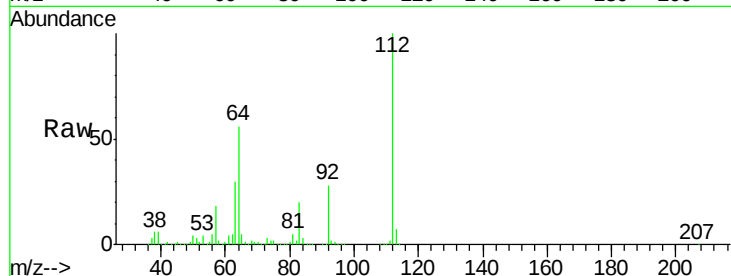
Tot Ion:112 Resp: 1419515

Ion Ratio Lower Upper

112 100

64 56.5 42.6 63.8

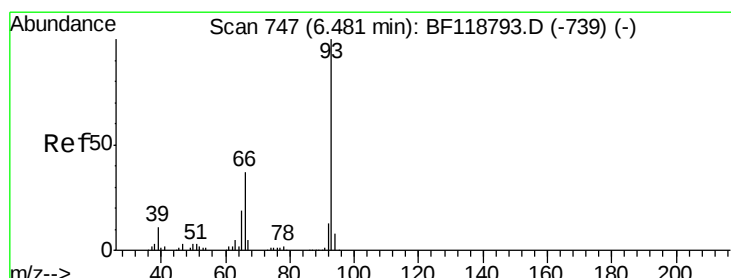
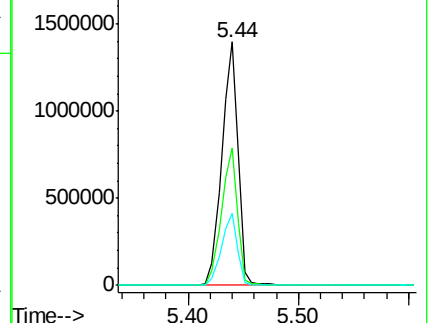
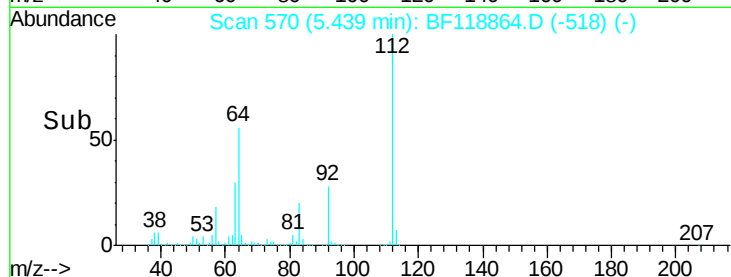
63 29.9 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.336 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

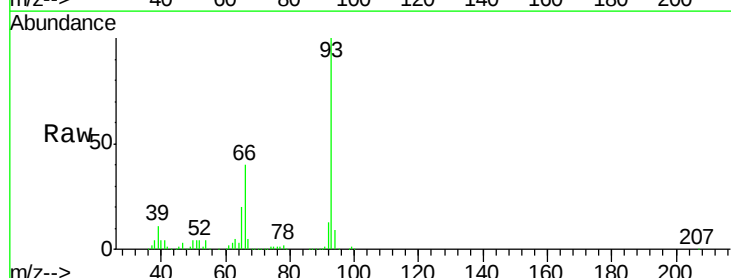
Tgt Ion: 93 Resp: 1140879

Ion Ratio Lower Upper

93 100

66 39.7 30.8 46.2

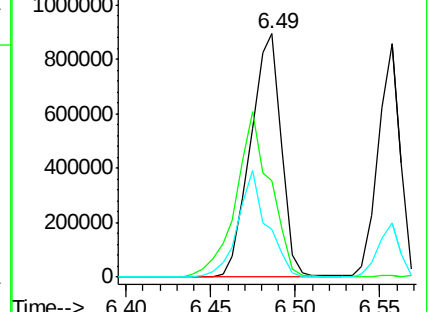
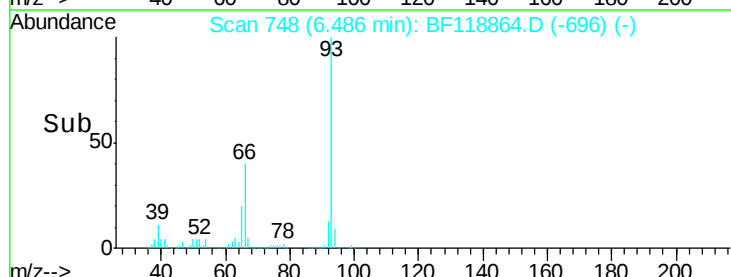
65 19.6 15.4 23.0

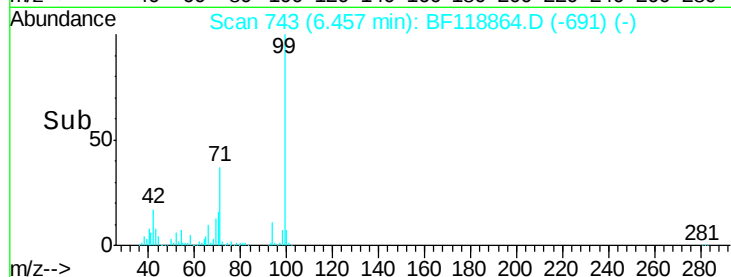
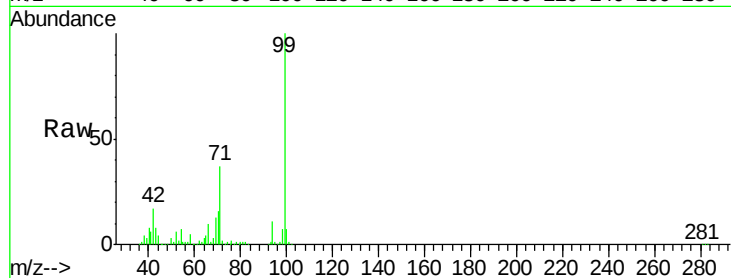
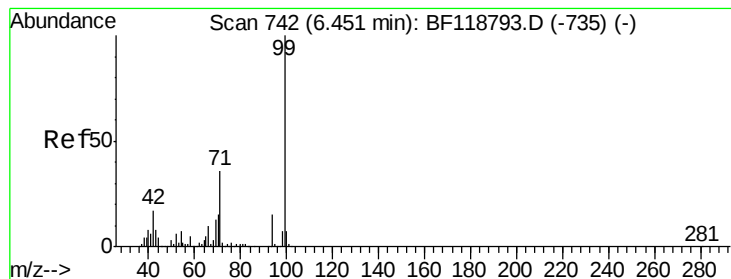


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.866 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

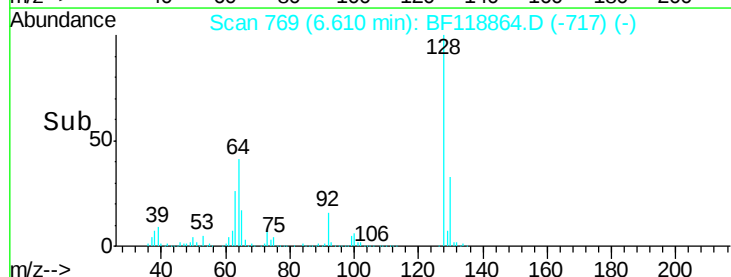
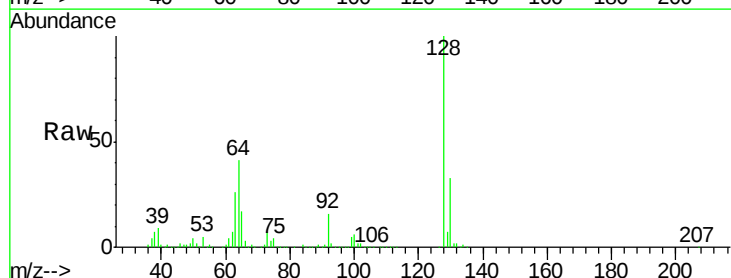
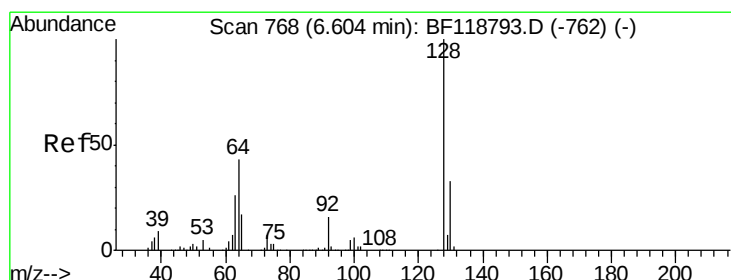
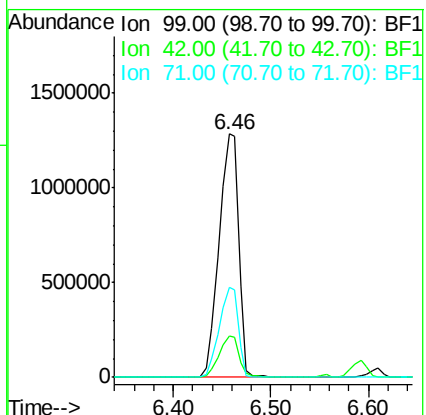
Tot Ion: 99 Resp: 1796604

Ion Ratio Lower Upper

99 100

42 17.1 13.4 20.0

71 37.0 29.0 43.6



#8

2-Chlorophenol

Concen: 43.365 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

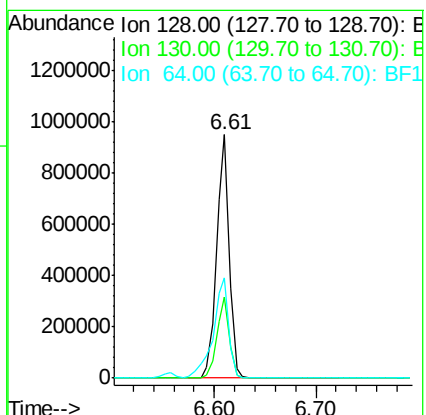
Tgt Ion:128 Resp: 814119

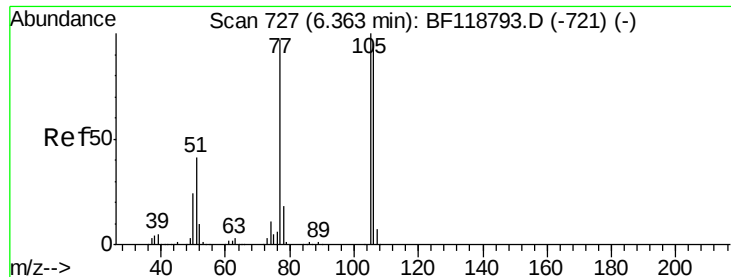
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 41.1 23.0 63.0





#9

Benzaldehyde

Concen: 42.628 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

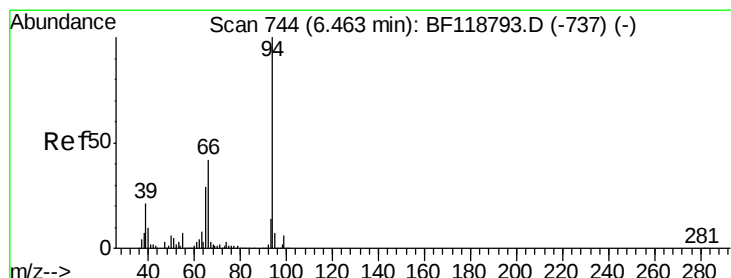
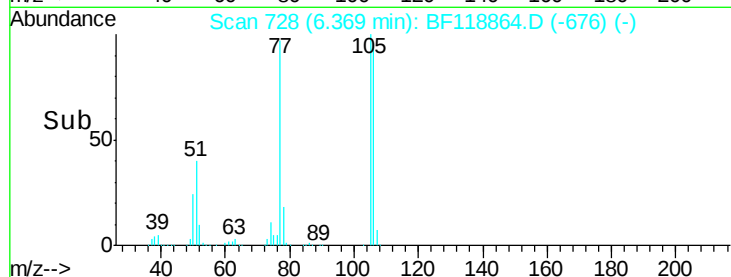
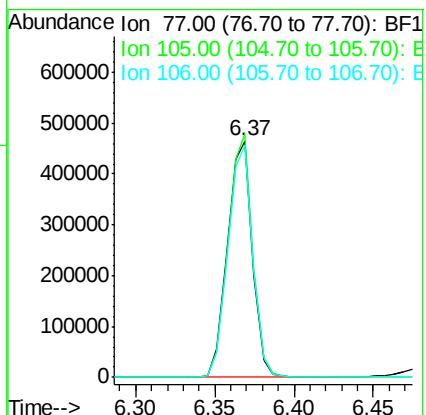
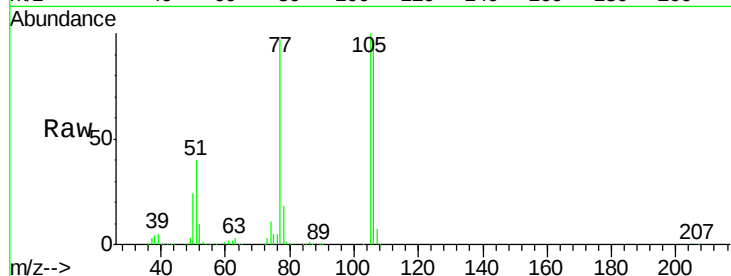
Tot Ion: 77 Resp: 502954

Ion Ratio Lower Upper

77 100

105 103.0 82.8 122.8

106 98.5 78.1 118.1



#10

Phenol

Concen: 41.547 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

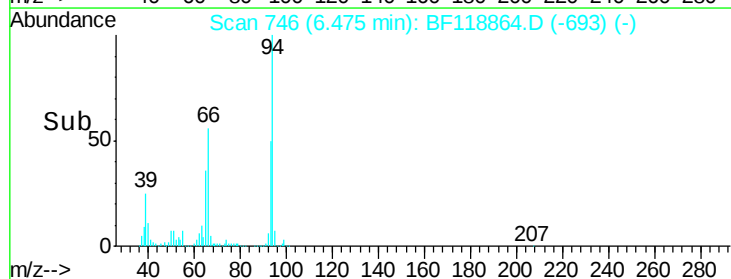
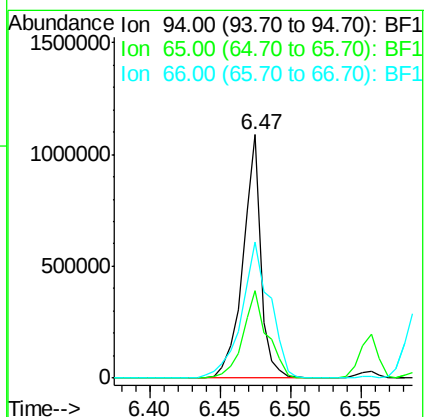
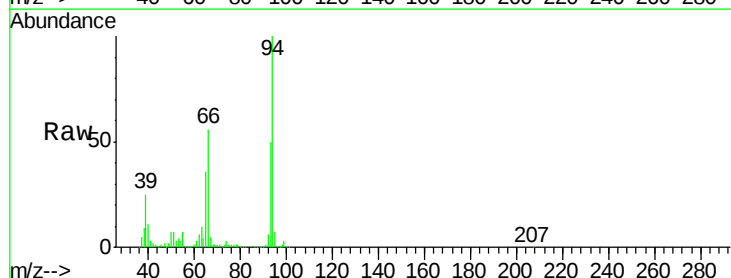
Tgt Ion: 94 Resp: 966576

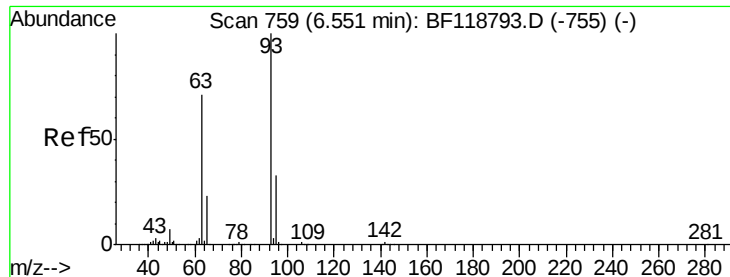
Ion Ratio Lower Upper

94 100

65 36.0 9.1 49.1

66 56.0 21.7 61.7

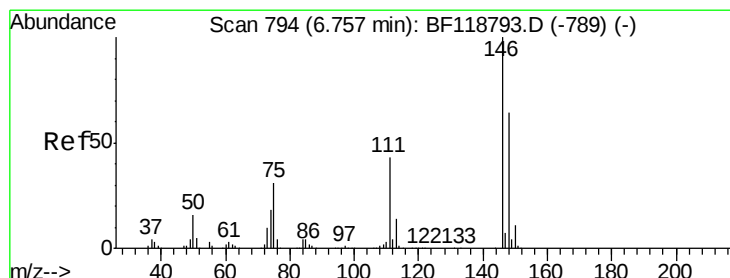
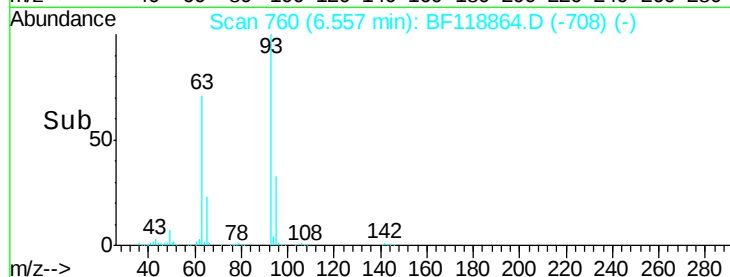
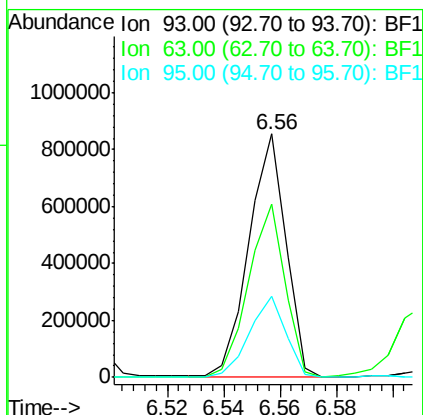
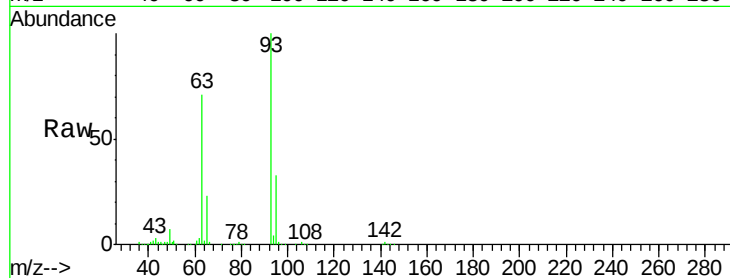




#11
bis(2-Chloroethyl)ether
Concen: 43.489 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

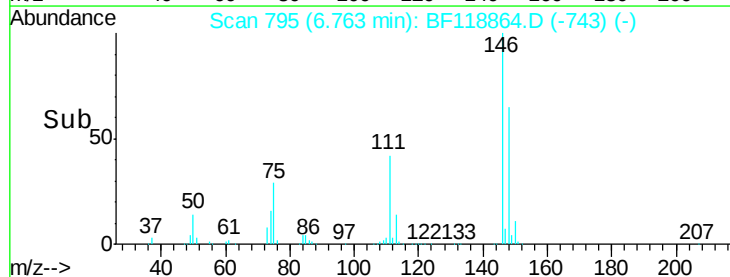
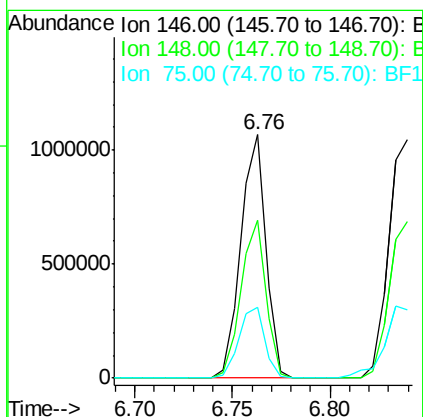
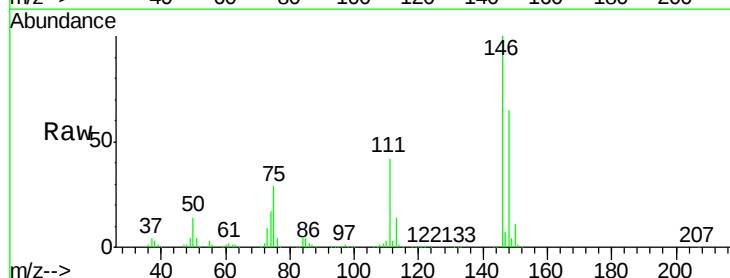
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

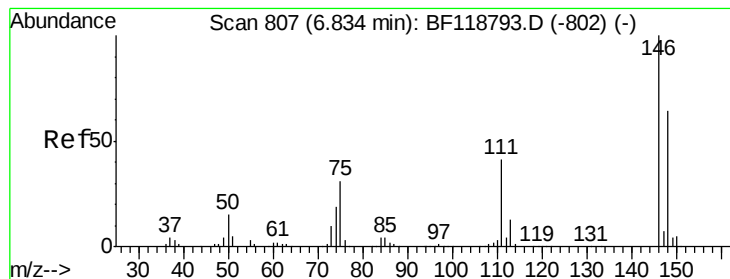
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.1	50.7	90.7
95	33.1	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 42.511 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
75	29.2	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 43.113 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

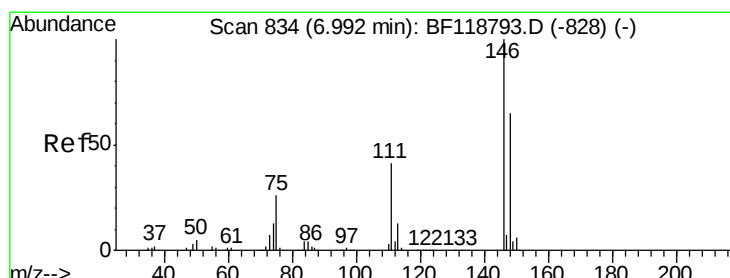
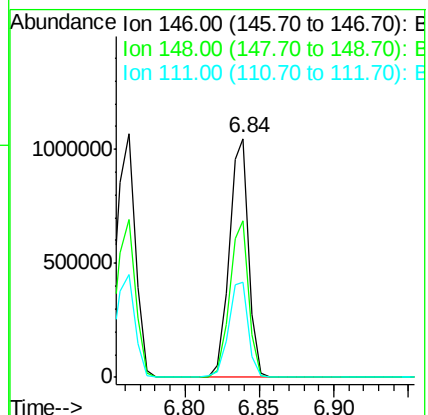
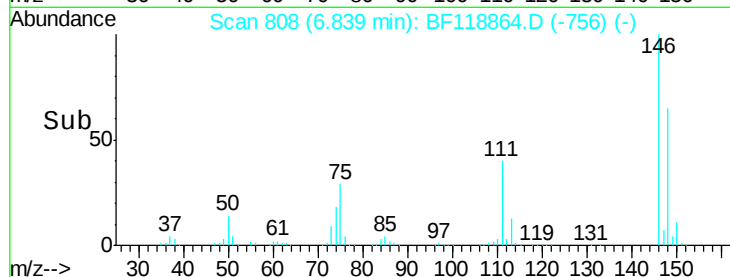
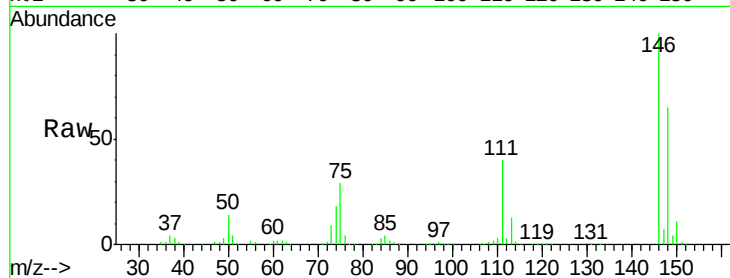
Tot Ion:146 Resp: 961011

Ion Ratio Lower Upper

146 100

148 65.4 51.6 77.4

111 39.6 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 41.256 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

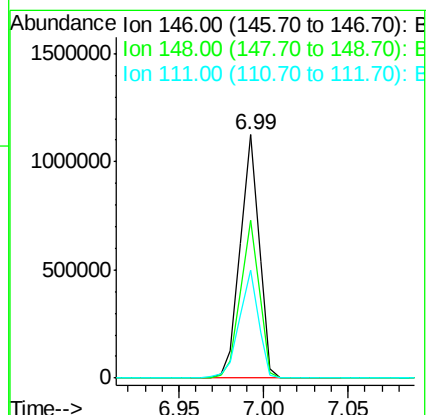
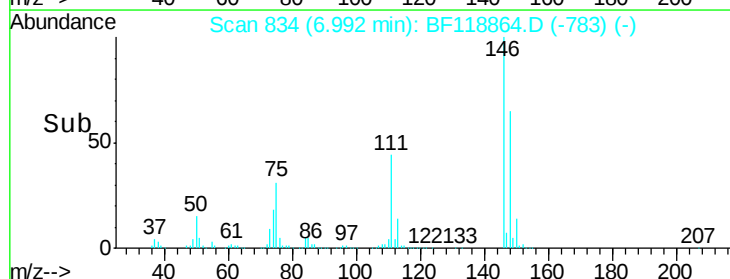
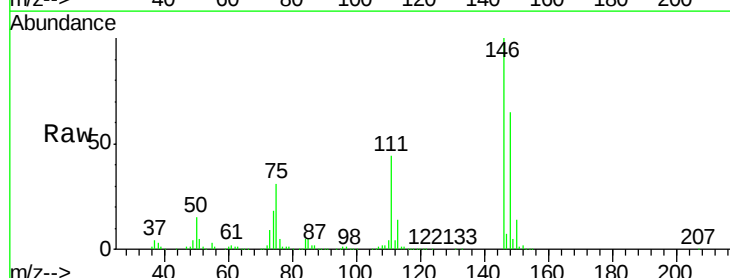
Tgt Ion:146 Resp: 878470

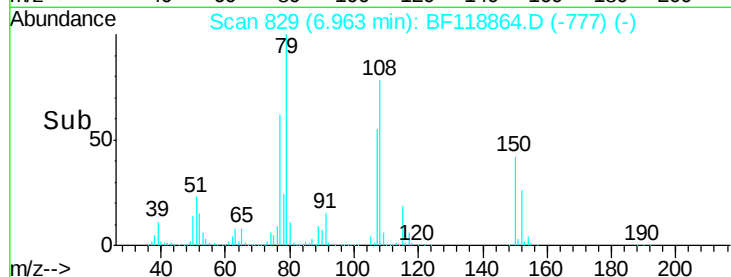
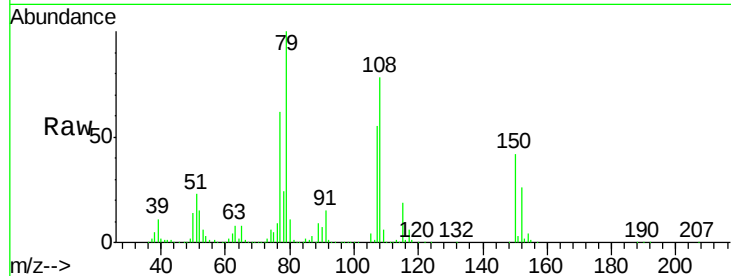
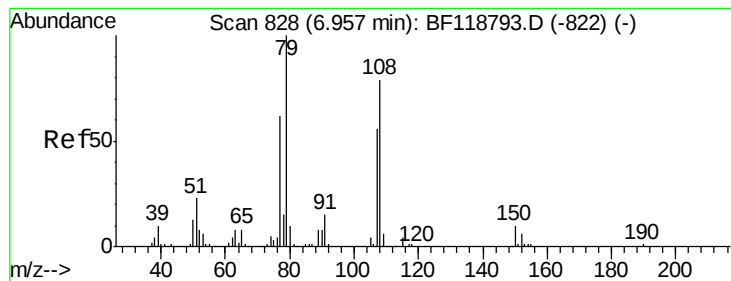
Ion Ratio Lower Upper

146 100

148 64.8 51.6 77.4

111 44.2 32.7 49.1





#15

Benzyl Alcohol

Concen: 43.548 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

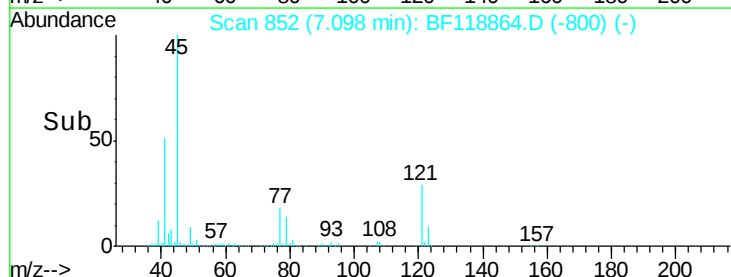
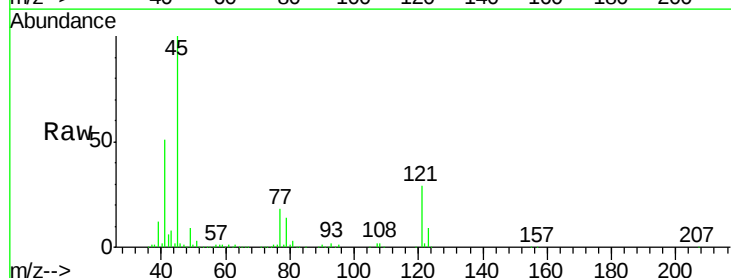
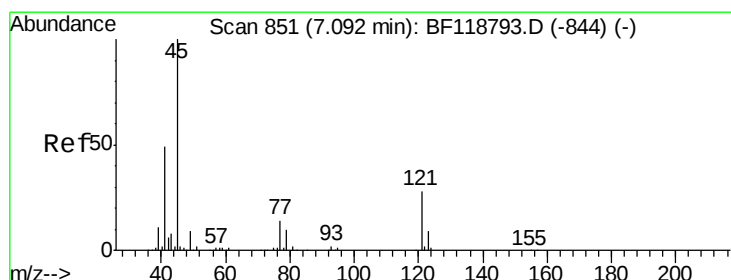
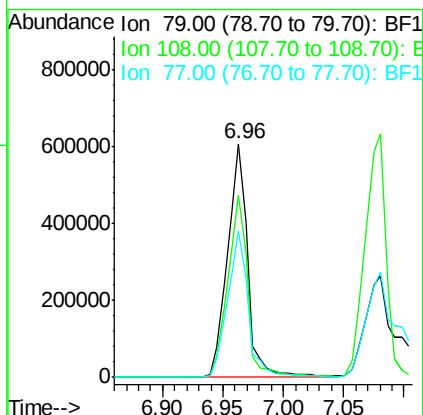
Tot Ion: 79 Resp: 704296

Ion Ratio Lower Upper

79 100

108 77.7 62.9 94.3

77 62.3 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.401 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

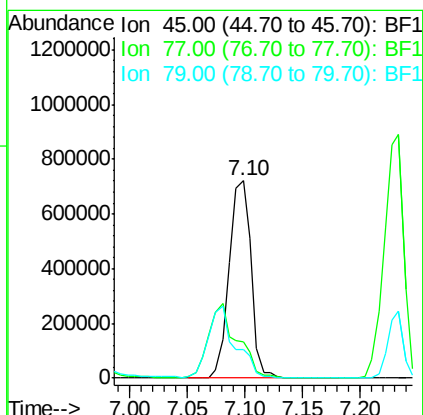
Tgt Ion: 45 Resp: 946024

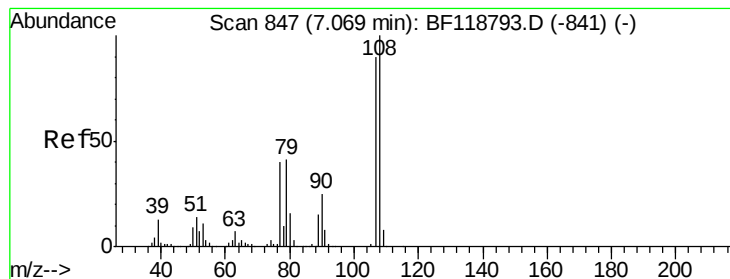
Ion Ratio Lower Upper

45 100

77 18.3 0.0 37.1

79 14.4 0.0 33.1





#17

2-Methylphenol

Concen: 43.911 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 685379

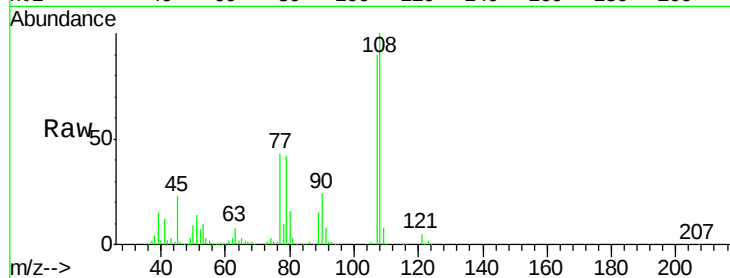
Ion Ratio Lower Upper

107 100

108 111.1 89.3 133.9

77 48.1 36.2 54.2

79 46.5 36.3 54.5

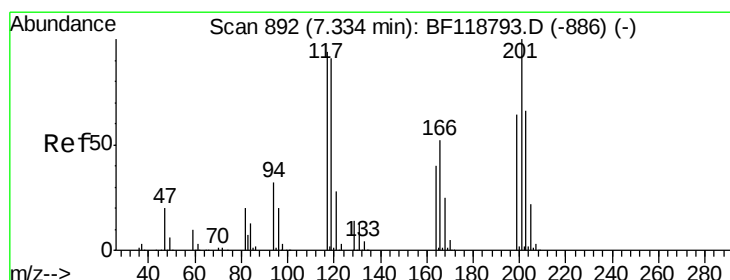
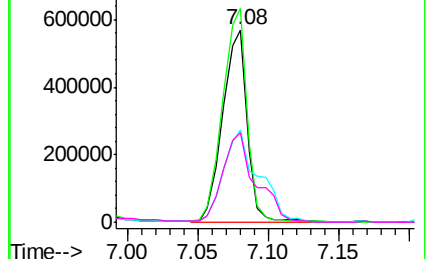
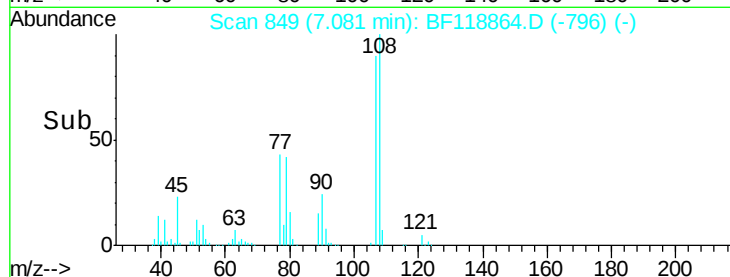


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.299 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

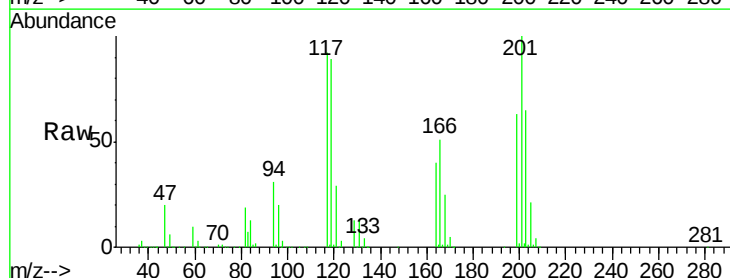
Tgt Ion:117 Resp: 346405

Ion Ratio Lower Upper

117 100

119 97.1 77.4 116.0

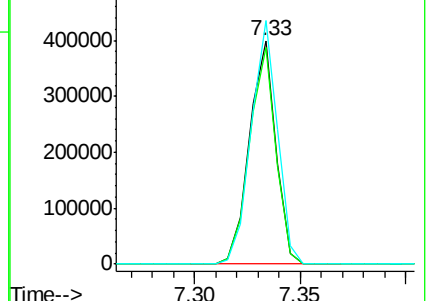
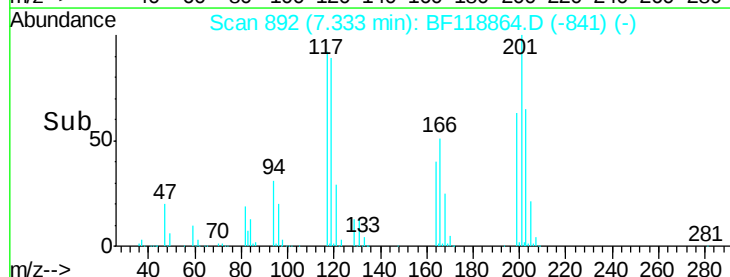
201 108.9 85.1 127.7

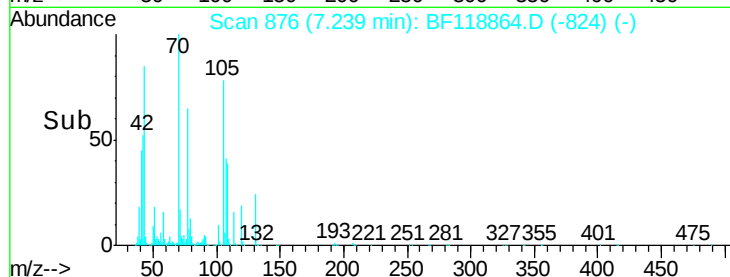
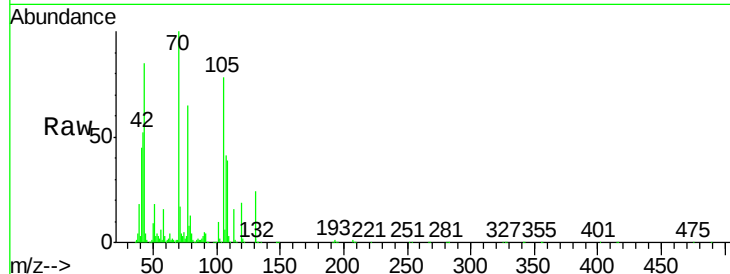
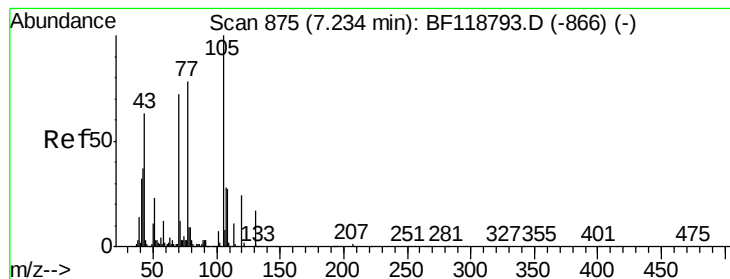


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.846 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 548512

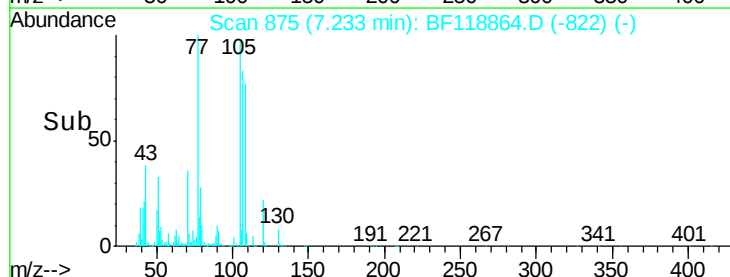
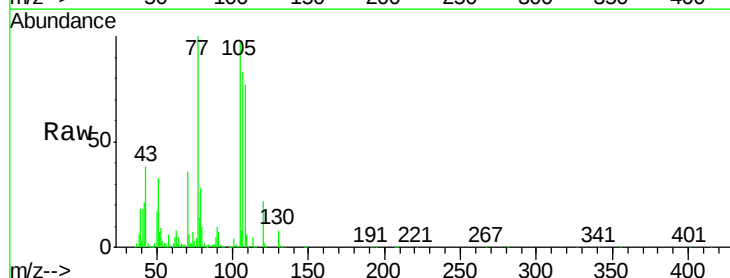
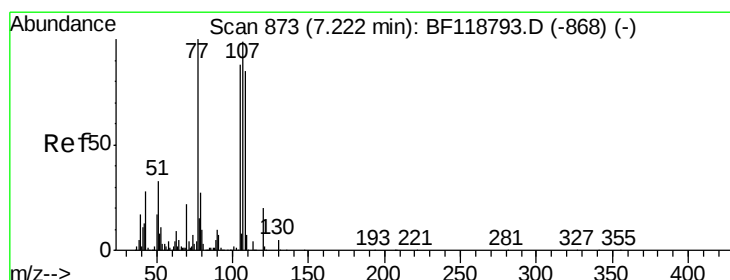
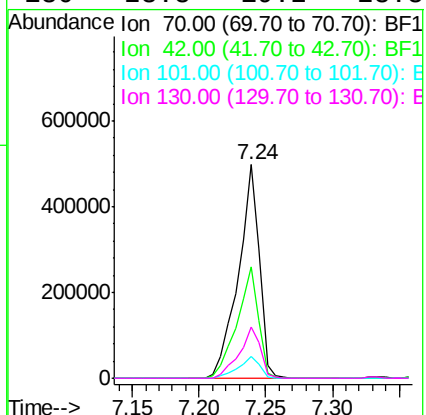
Ion Ratio Lower Upper

70 100

42 51.9 41.5 62.3

101 10.4 8.3 12.5

130 23.8 19.2 28.8



#20

3+4-Methylphenols

Concen: 38.451 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Tgt Ion:107 Resp: 752271

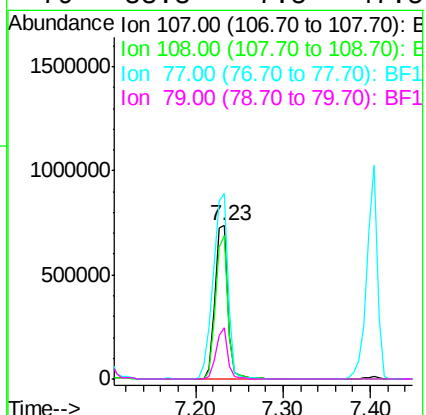
Ion Ratio Lower Upper

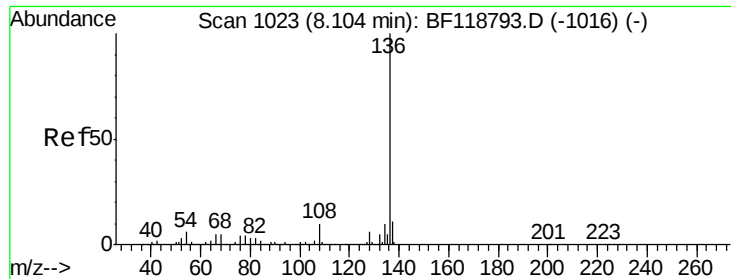
107 100

108 93.7 65.9 105.9

77 121.0 80.9 120.9#

79 33.3 7.5 47.5



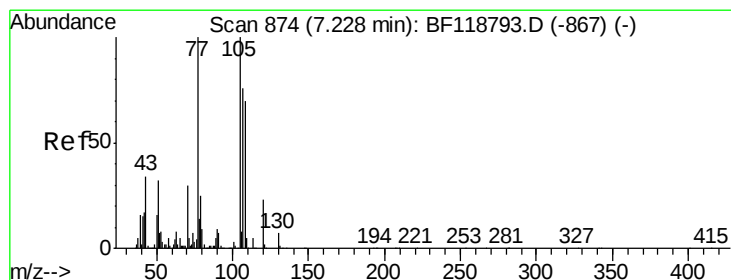
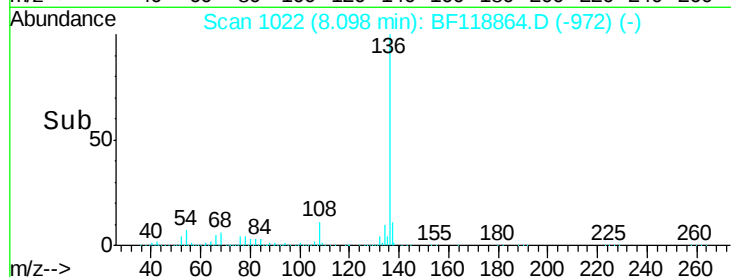
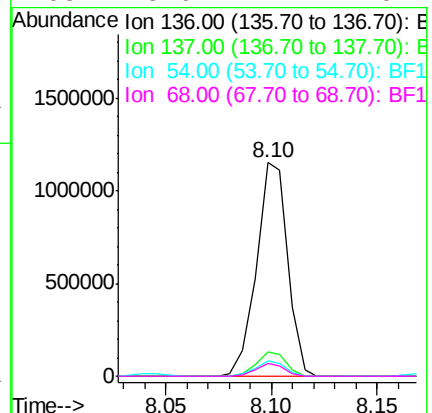
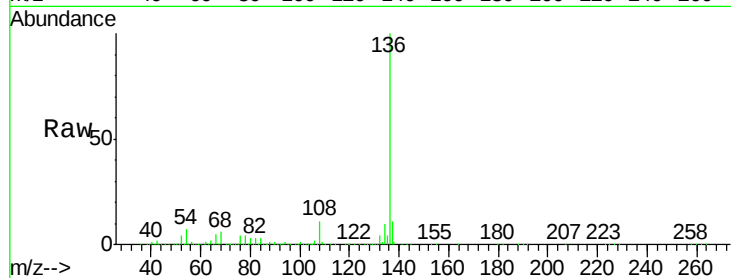


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136 Resp: 1184439

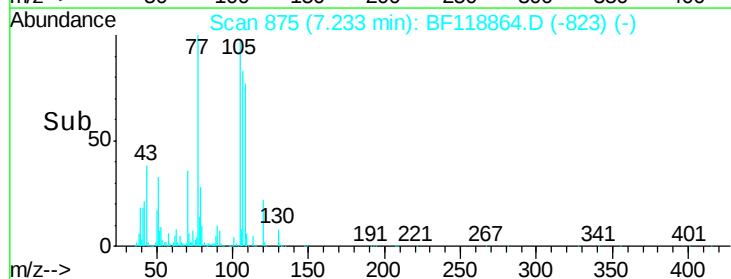
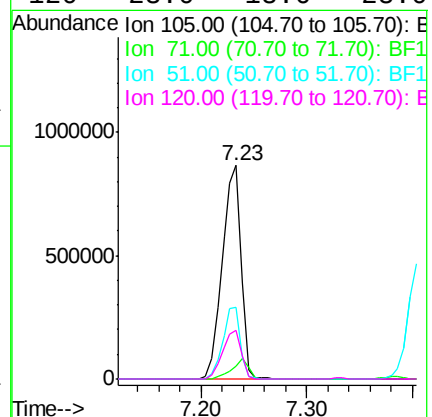
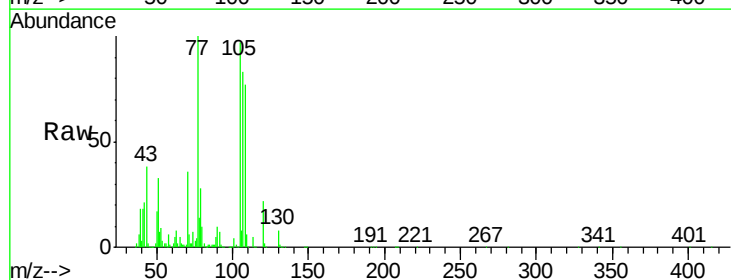
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	6.9	5.0	7.6
68	5.9	4.2	6.4

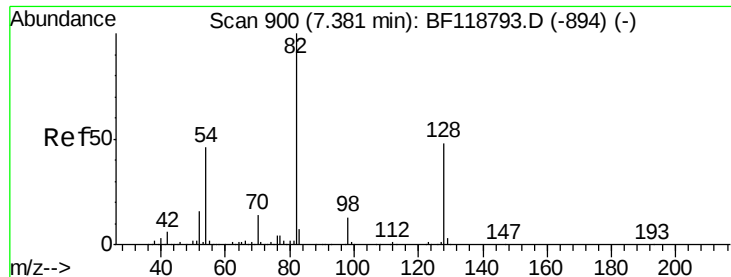


#22
Acetophenone
Concen: 42.106 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:105 Resp: 1083534

Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.2	6.4
51	33.5	25.5	38.3
120	23.0	18.6	28.0



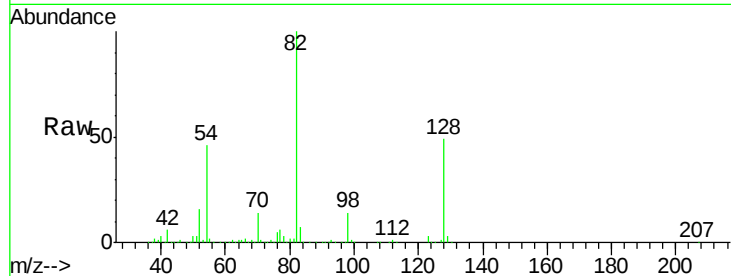


#23
 Nitrobenzene-d5
 Concen: 85.973 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF118864.D
 Acq: 10 Feb 2020 10:14

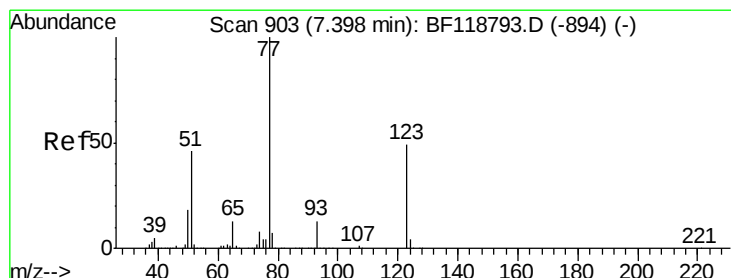
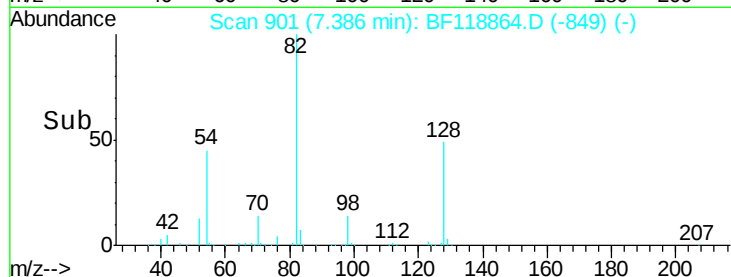
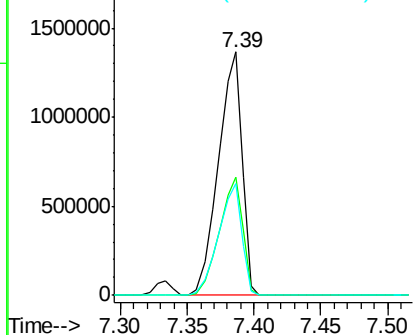
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1708417

Ion	Ratio	Lower	Upper
82	100		
128	48.6	38.5	57.7
54	46.1	36.7	55.1



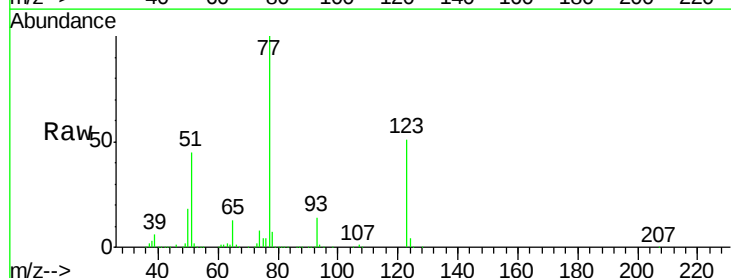
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



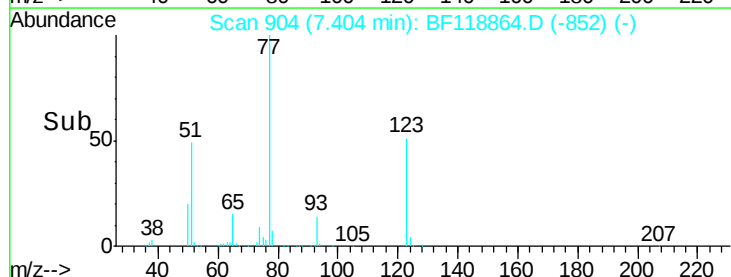
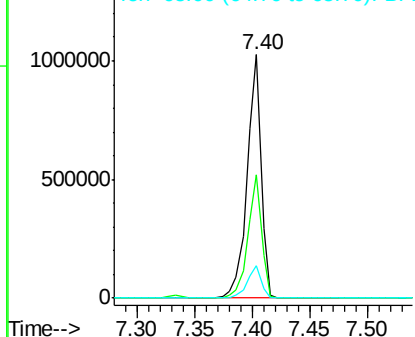
#24
 Nitrobenzene
 Concen: 43.208 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BF118864.D
 Acq: 10 Feb 2020 10:14

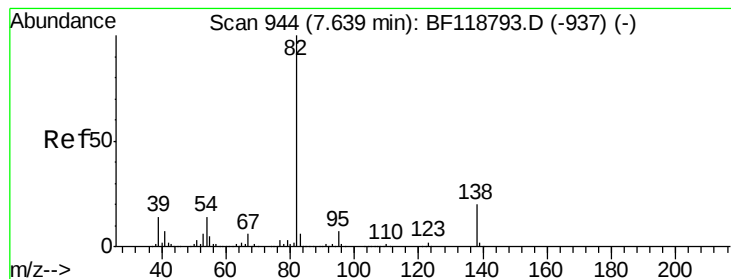
Tgt Ion: 77 Resp: 857748

Ion	Ratio	Lower	Upper
77	100		
123	50.9	39.0	58.4
65	13.5	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: 42.550 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

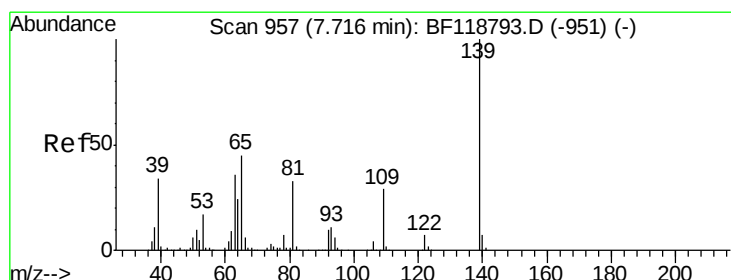
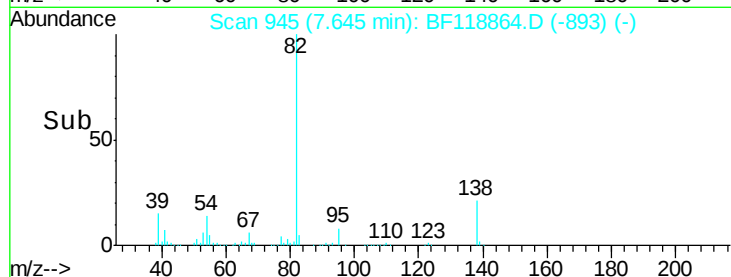
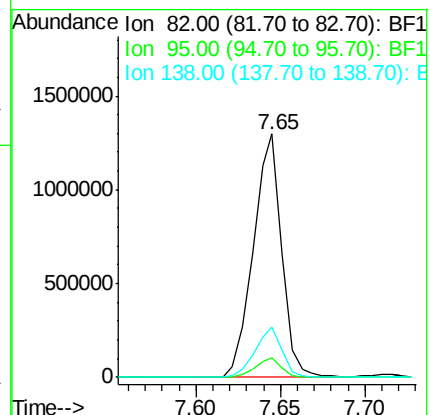
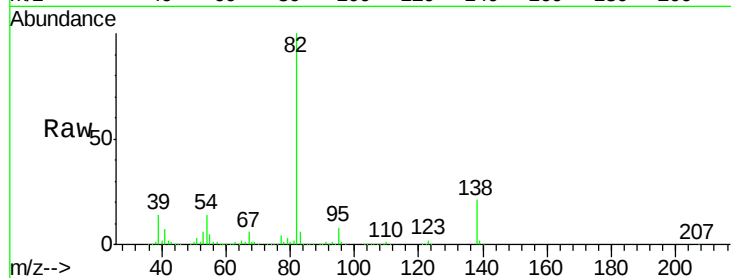
Tot Ion: 82 Resp: 1519608

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

138 20.6 15.7 23.5



#26

2-Nitrophenol

Concen: 43.879 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

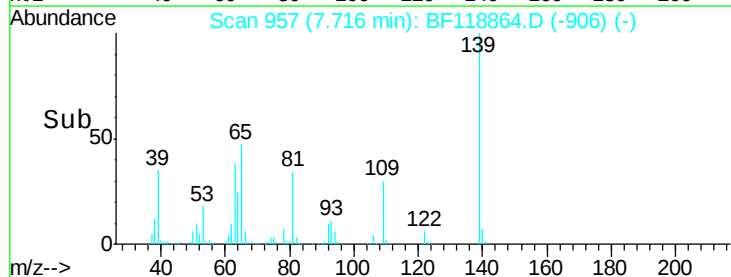
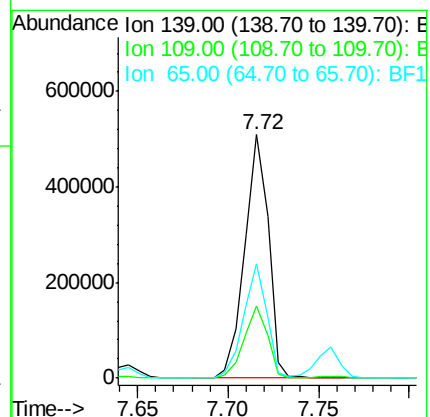
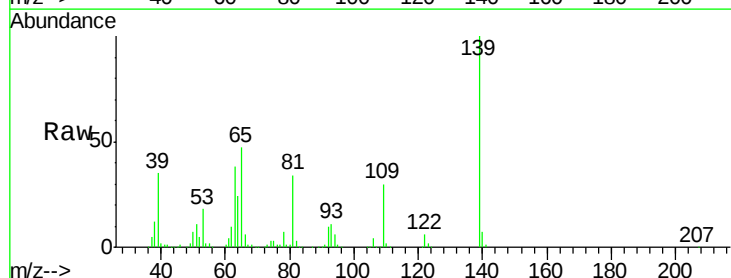
Tgt Ion: 139 Resp: 464159

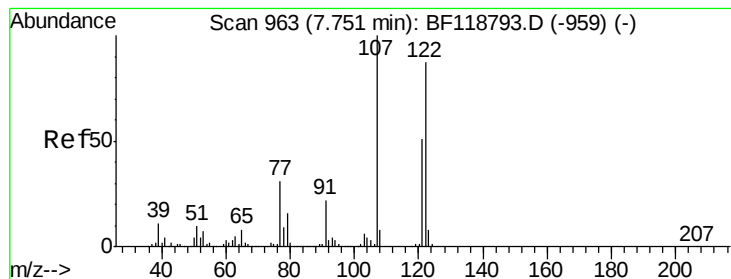
Ion Ratio Lower Upper

139 100

109 29.7 23.4 35.0

65 46.8 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 42.827 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

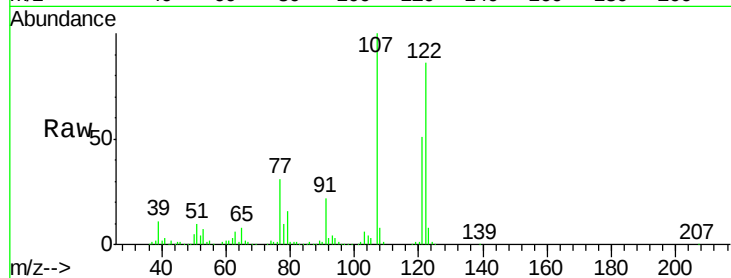
Tot Ion:122 Resp: 615390

Ion Ratio Lower Upper

122 100

107 116.9 92.2 138.2

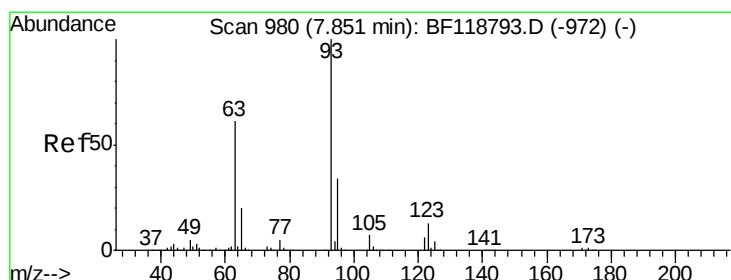
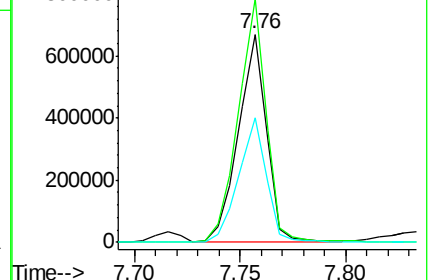
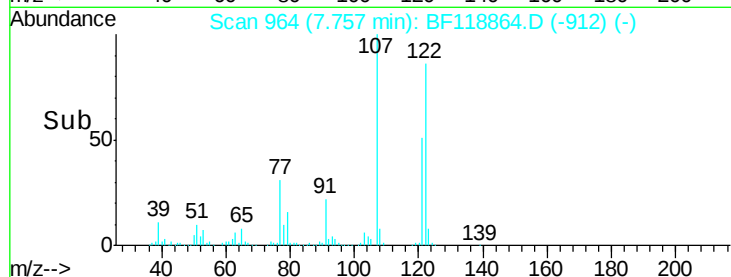
121 60.1 46.8 70.2



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: 43.067 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

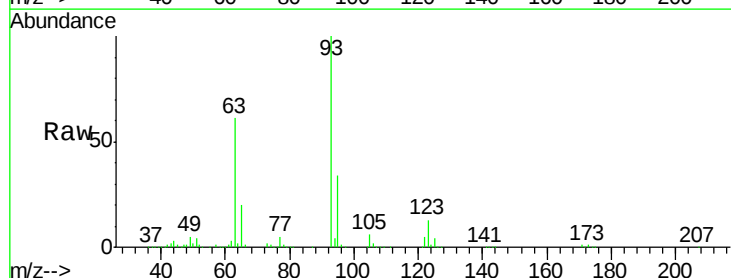
Tgt Ion: 93 Resp: 997343

Ion Ratio Lower Upper

93 100

95 33.8 27.0 40.4

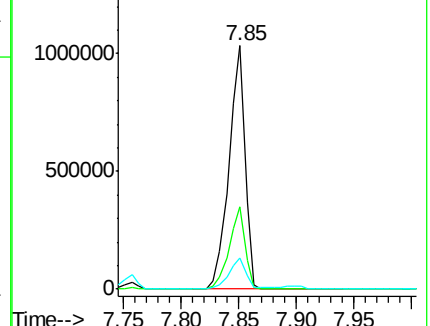
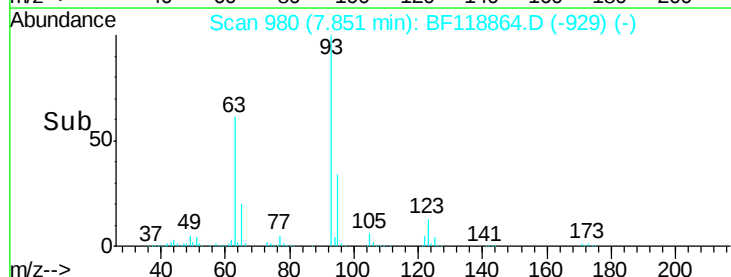
123 12.9 10.6 15.8

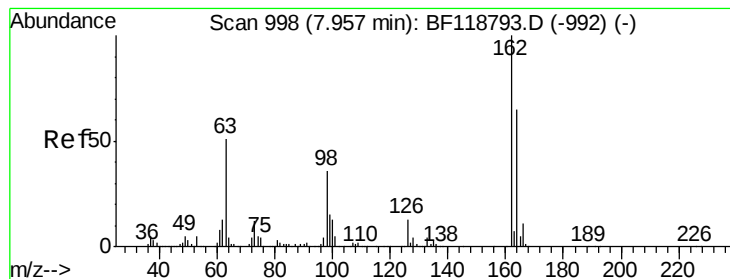


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.610 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

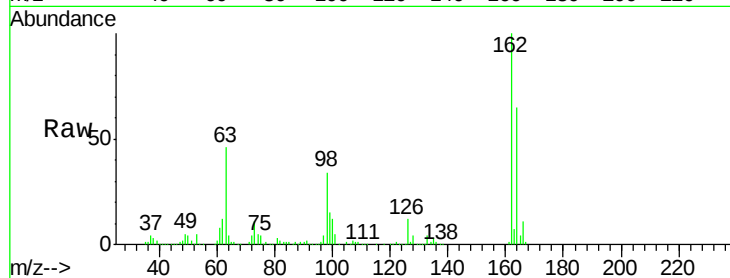
Tot Ion:162 Resp: 750468

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

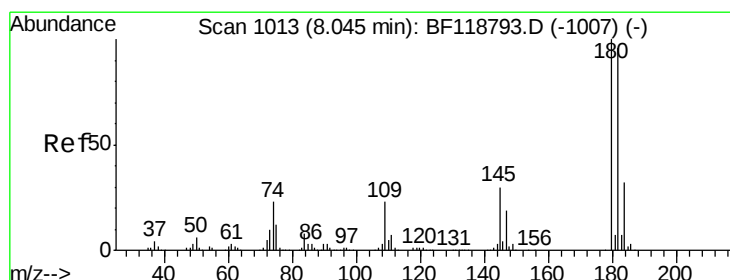
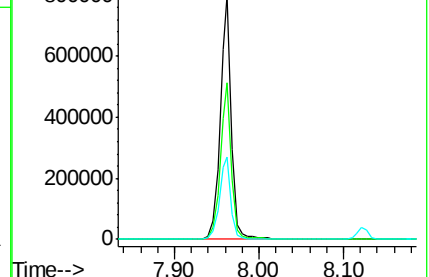
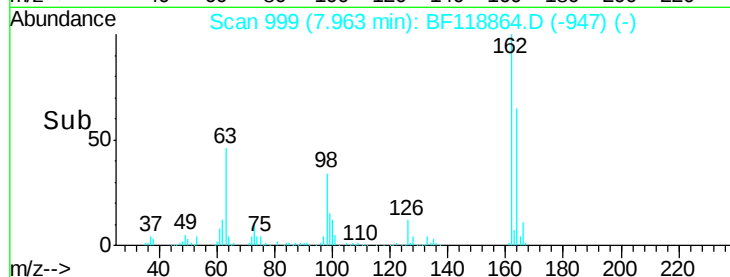
98 34.0 16.4 56.4



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: 42.262 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

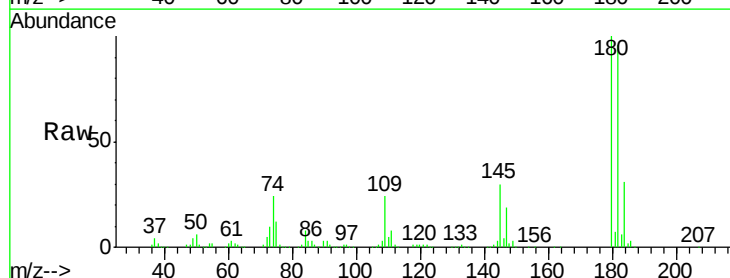
Tgt Ion:180 Resp: 850067

Ion Ratio Lower Upper

180 100

182 95.7 76.6 115.0

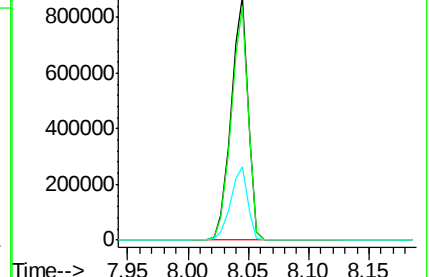
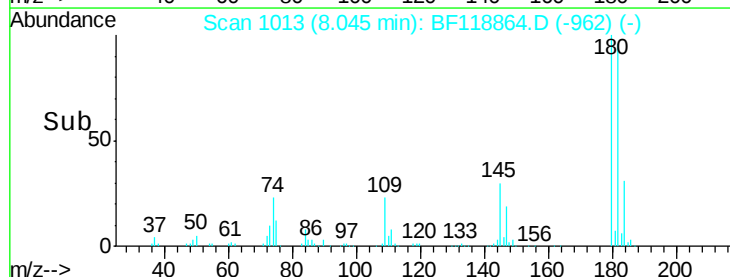
145 29.9 24.0 36.0

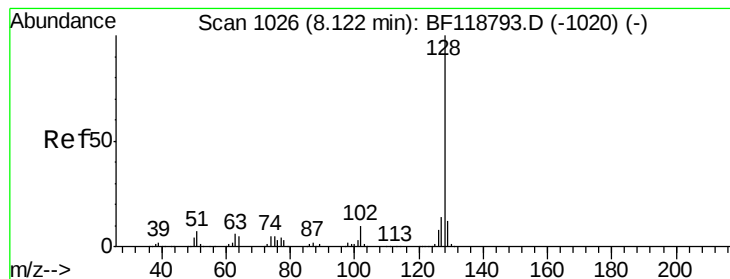


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.043 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

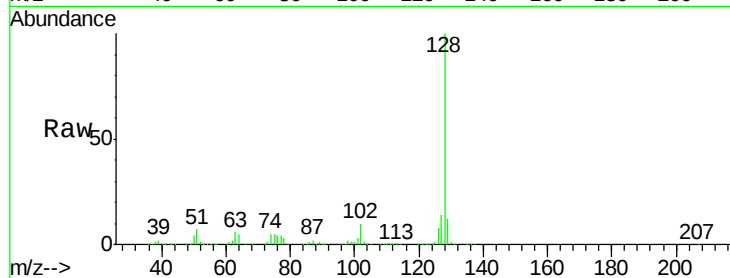
Tot Ion:128 Resp: 2277552

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

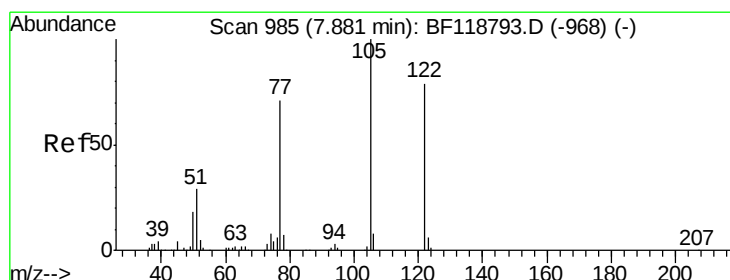
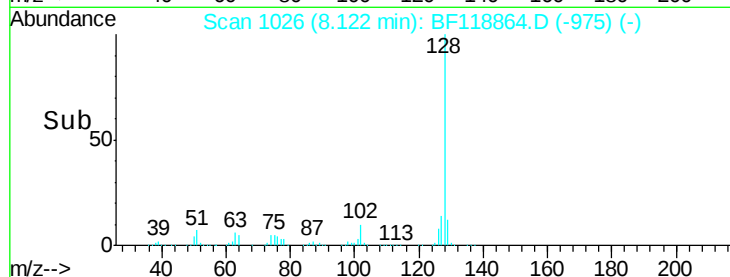
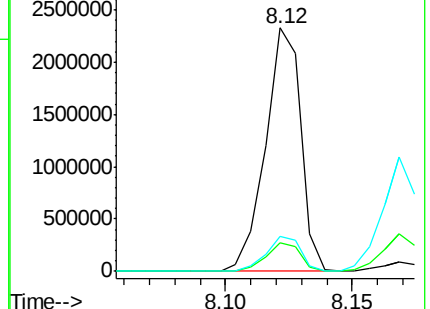
127 14.2 11.3 16.9



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: 40.406 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

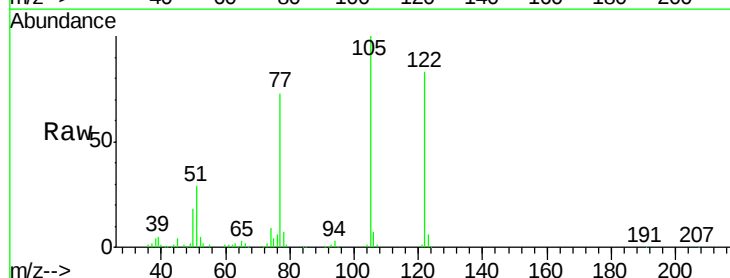
Tgt Ion:122 Resp: 480714

Ion Ratio Lower Upper

122 100

105 121.0 104.4 144.4

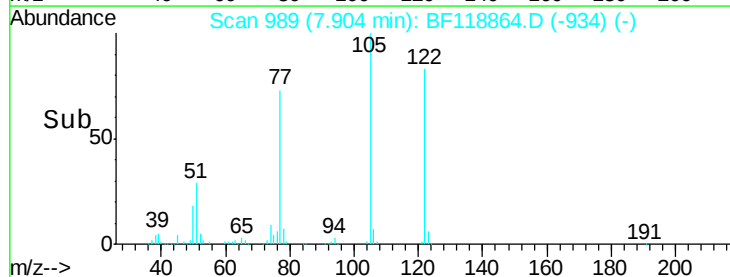
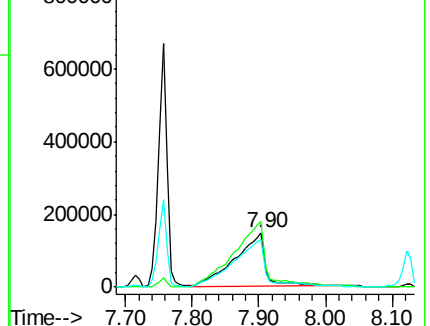
77 88.1 69.3 109.3

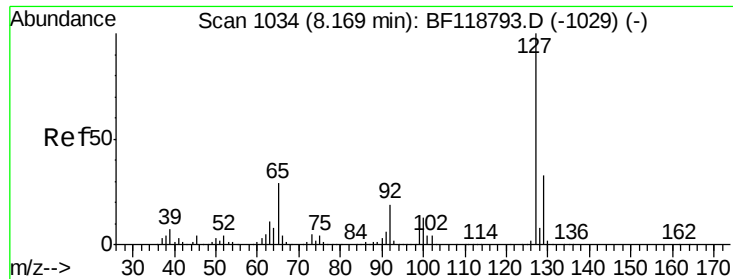


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

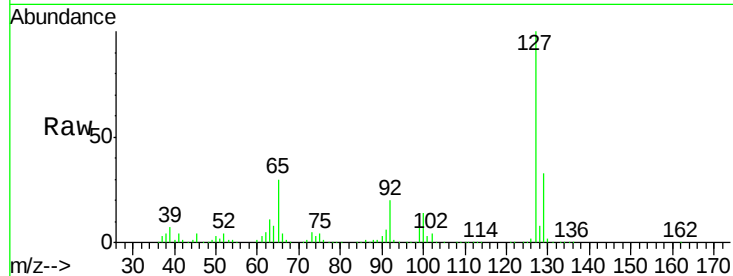




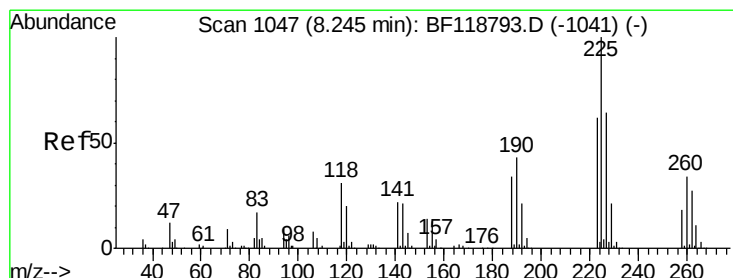
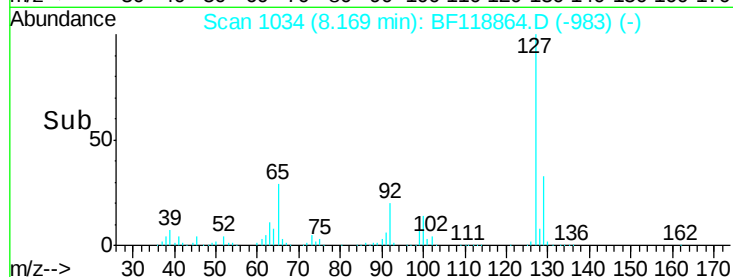
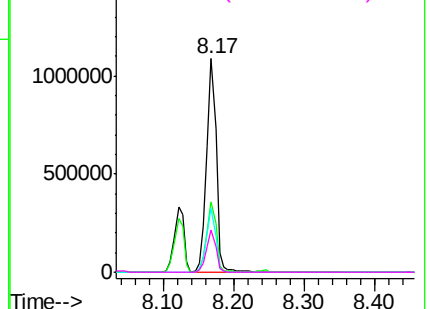
#33
4-Chloroaniline
Concen: 42.910 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	1039962
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.7	40.1
65	29.7	22.9	34.3
92	20.0	15.4	23.0

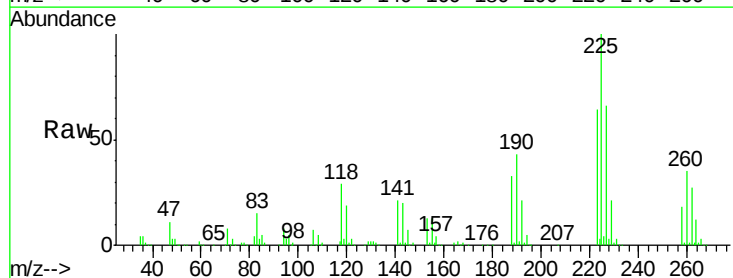


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

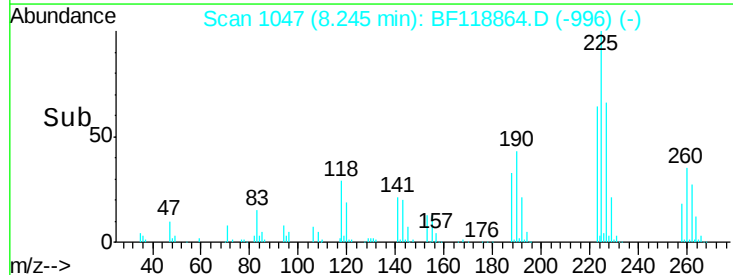
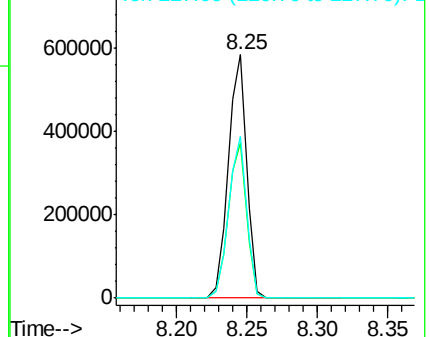


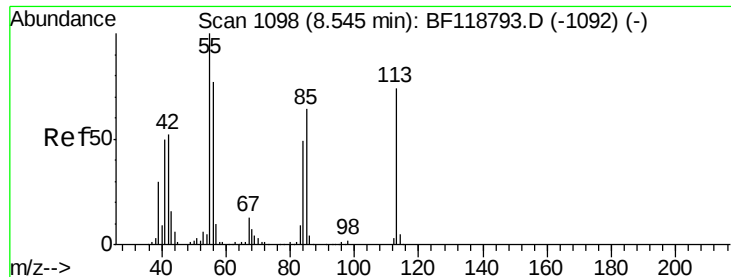
#34
Hexachlorobutadiene
Concen: 42.711 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:	225	Resp:	526327
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.8	74.8
227	66.4	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

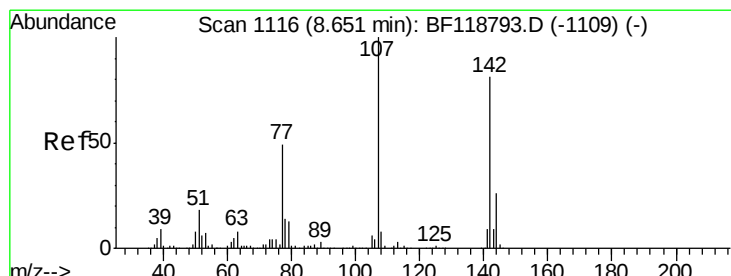
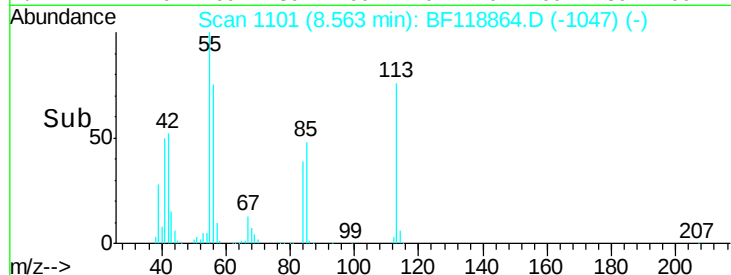
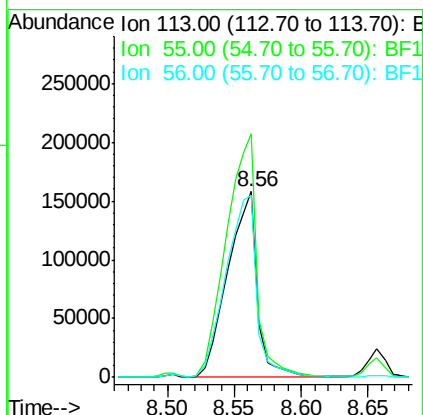
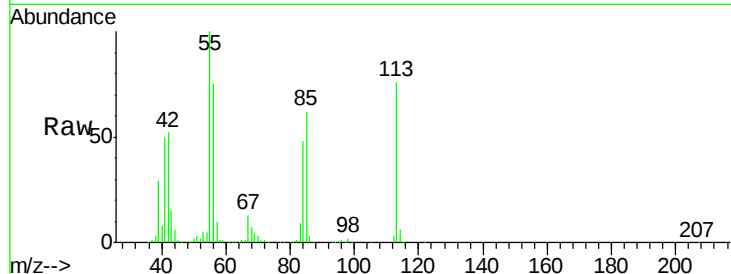




#35
Caprolactam
Concen: 43.917 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

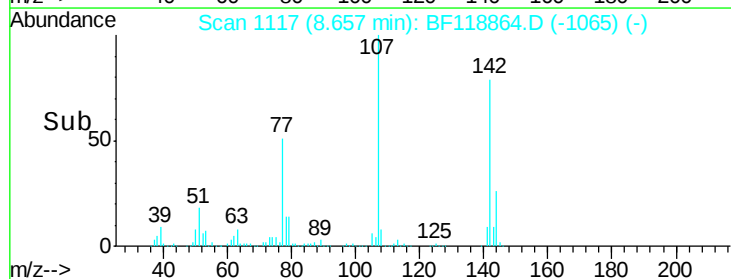
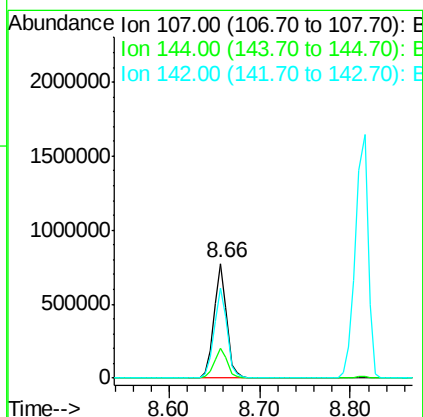
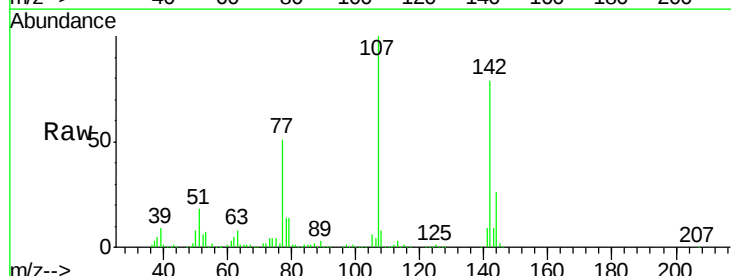
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

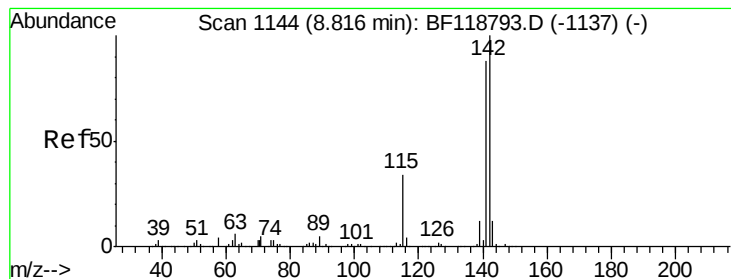
Tot Ion:113 Resp: 244995
Ion Ratio Lower Upper
113 100
55 131.1 115.5 155.5
56 98.3 83.7 123.7



#36
4-Chloro-3-methylphenol
Concen: 43.695 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:107 Resp: 756717
Ion Ratio Lower Upper
107 100
144 26.2 21.0 31.6
142 78.9 64.8 97.2





#37

2-Methylnaphthalene

Concen: 42.401 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

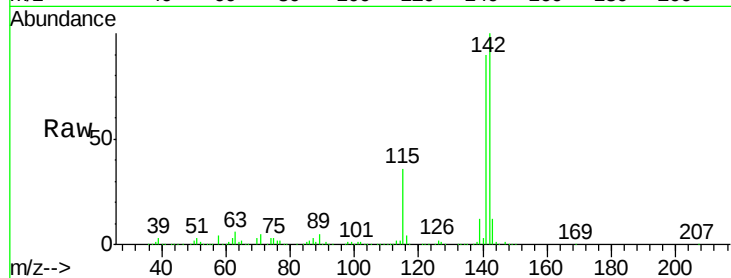
Tot Ion:142 Resp: 1593011

Ion Ratio Lower Upper

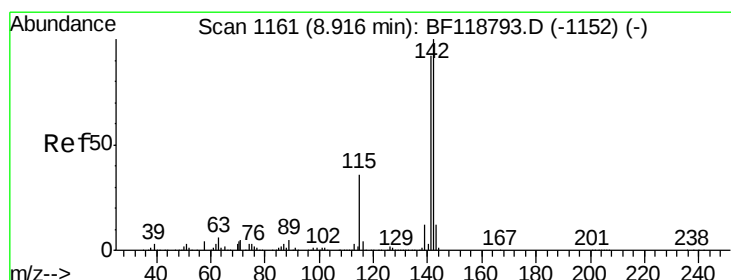
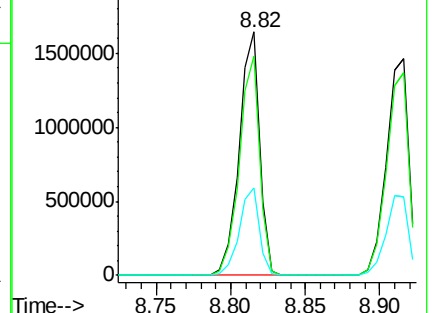
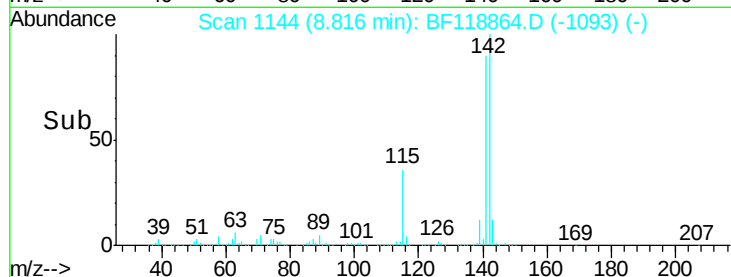
142 100

141 89.9 70.1 105.1

115 35.9 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.300 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

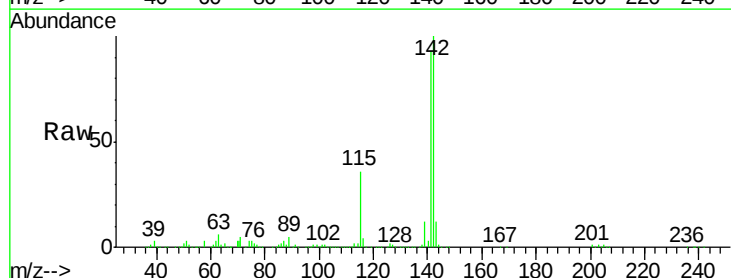
Tgt Ion:142 Resp: 1495013

Ion Ratio Lower Upper

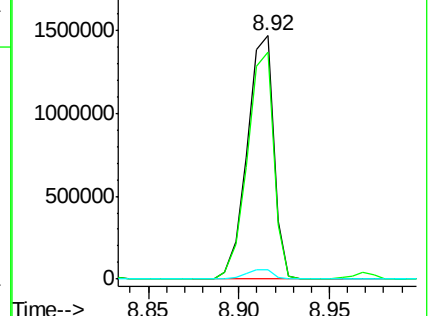
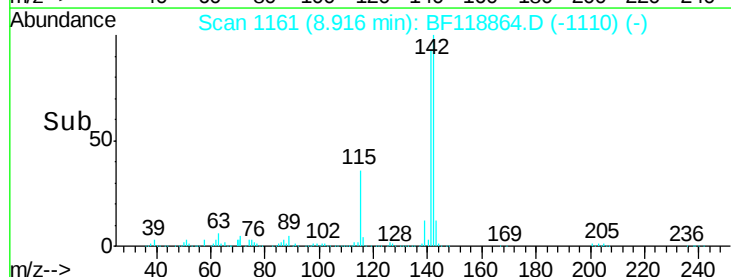
142 100

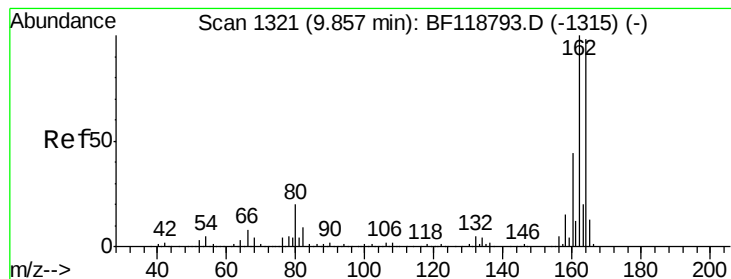
141 93.4 73.8 110.6

116 3.9 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

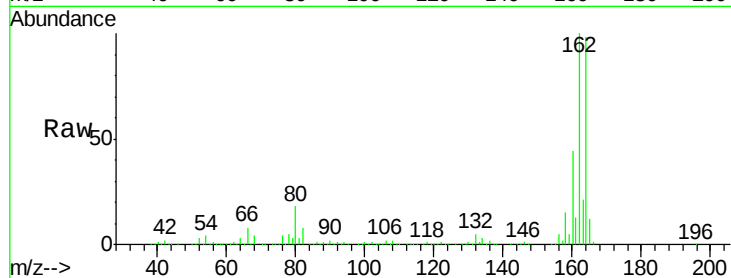
Tot Ion:164 Resp: 666772

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.2

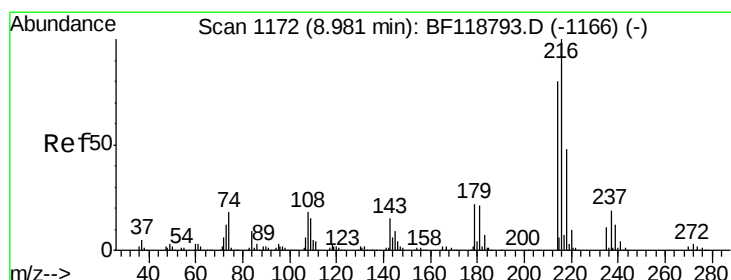
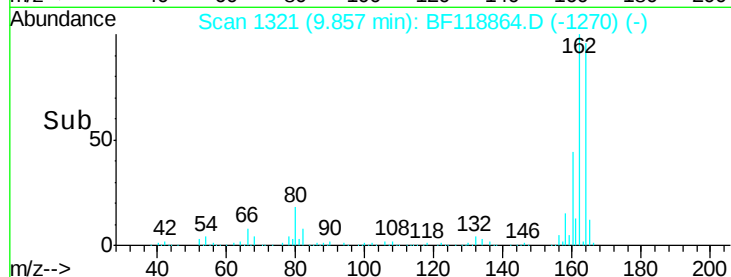
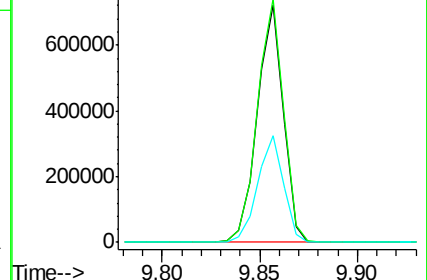
160 45.0 35.6 53.4



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: 43.189 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Tgt Ion:216 Resp: 869114

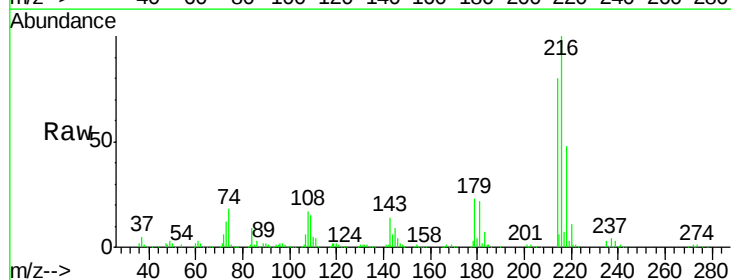
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 21.7 17.0 25.6

108 17.0 13.5 20.3

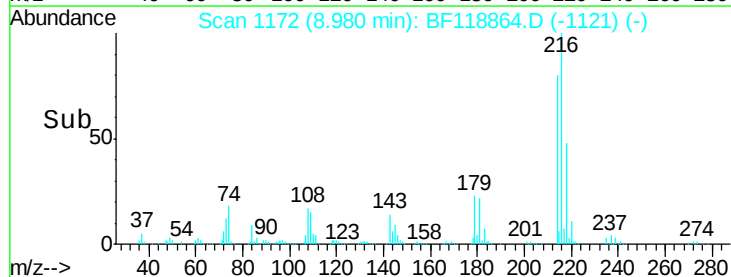
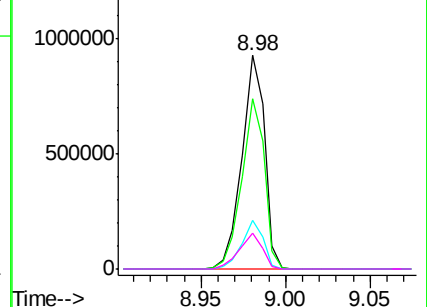


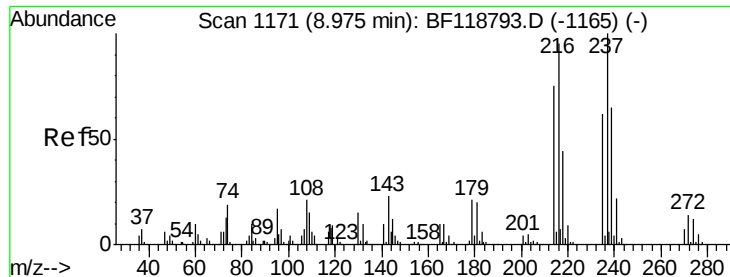
Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.406 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

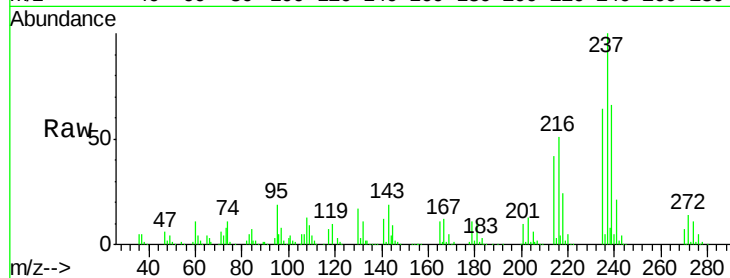
Tot Ion:237 Resp: 287275

Ion Ratio Lower Upper

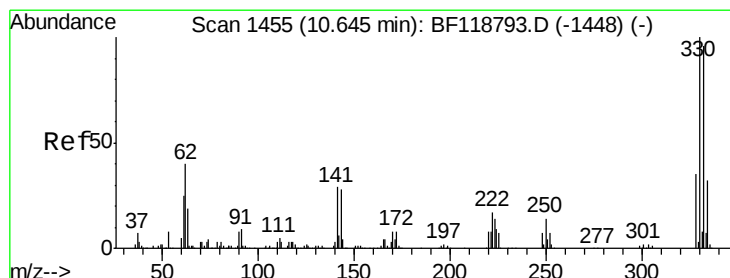
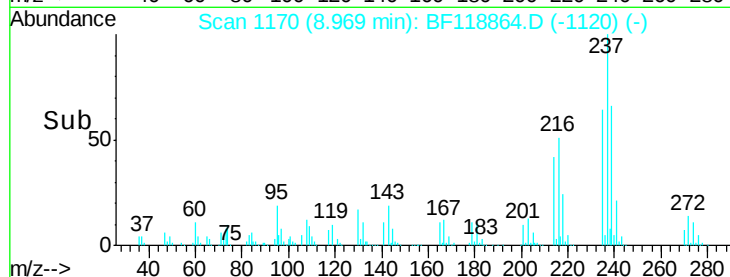
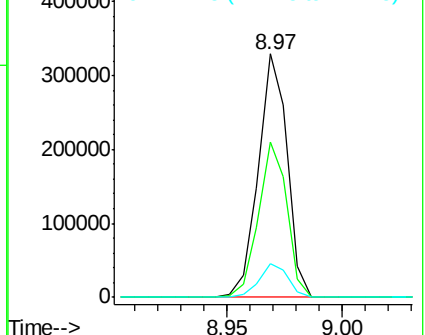
237 100

235 64.0 42.1 82.1

272 13.7 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: 83.354 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

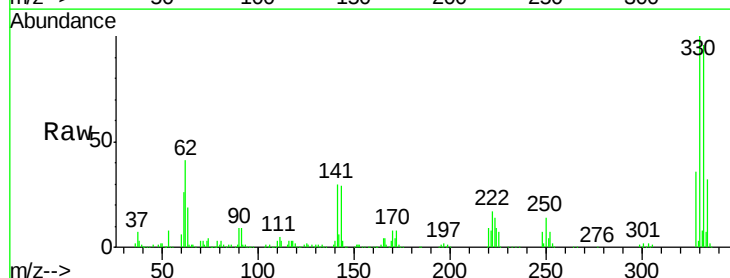
Tgt Ion:330 Resp: 665005

Ion Ratio Lower Upper

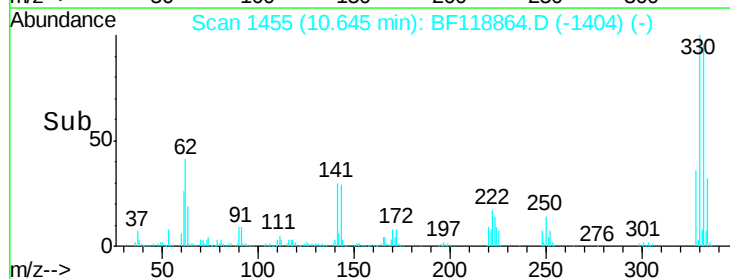
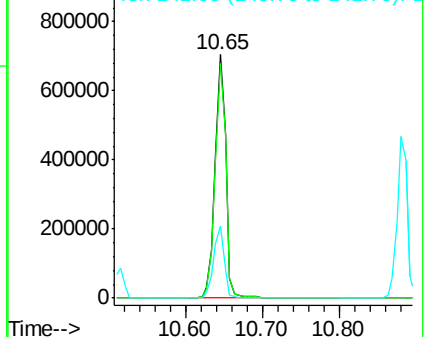
330 100

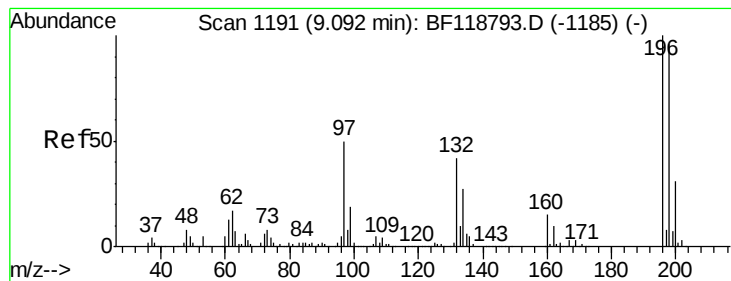
332 96.8 77.3 115.9

141 29.3 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: 43.249 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

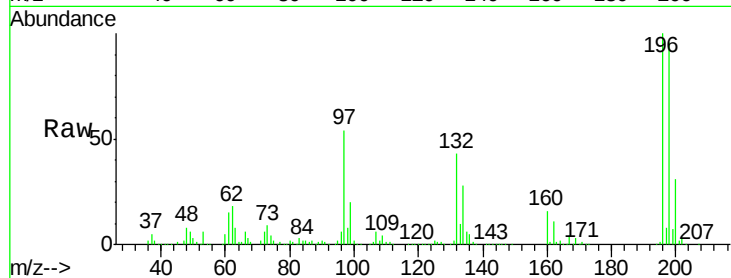
Tot Ion:196 Resp: 581993

Ion Ratio Lower Upper

196 100

198 96.3 76.7 115.1

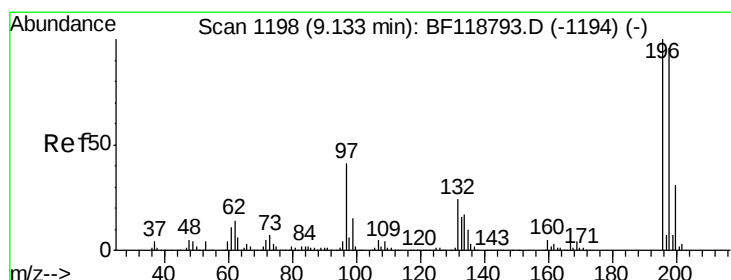
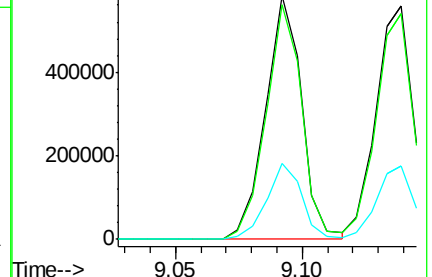
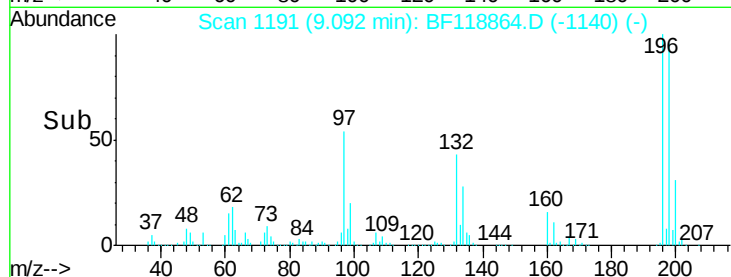
200 31.0 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.236 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Tgt Ion:196 Resp: 594484

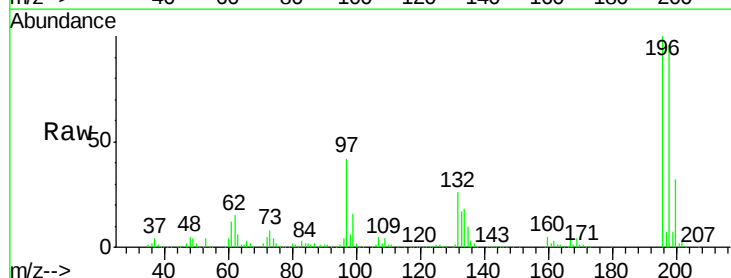
Ion Ratio Lower Upper

196 100

198 96.4 77.0 115.4

97 42.5 32.9 49.3

132 25.9 19.9 29.9

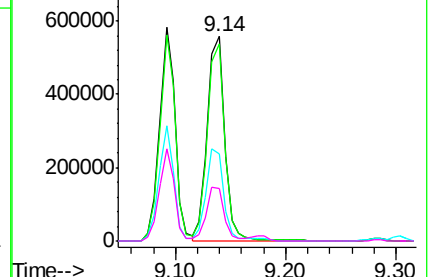
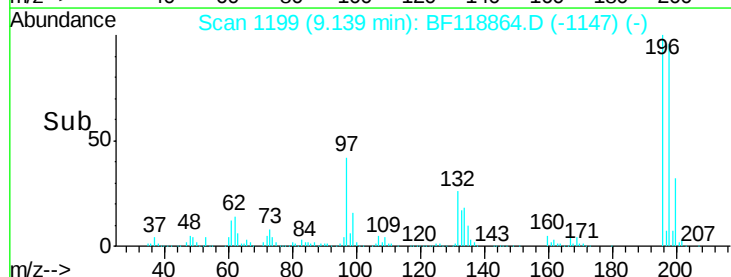


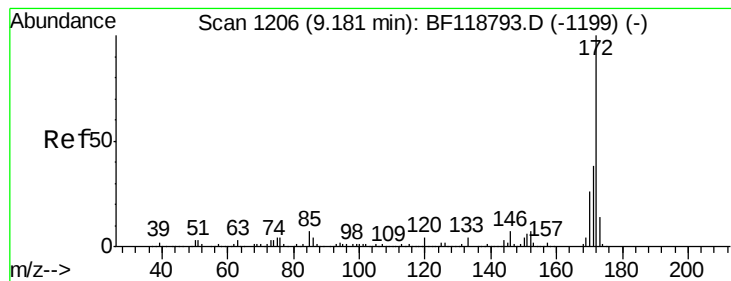
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 84.560 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

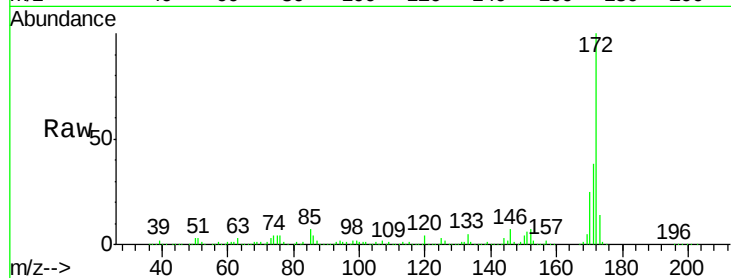
Tot Ion:172 Resp: 3153918

Ion Ratio Lower Upper

172 100

171 38.3 30.8 46.2

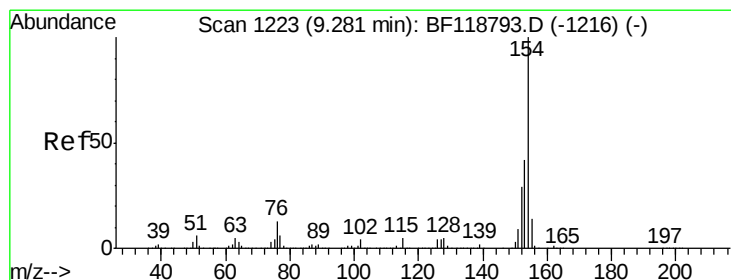
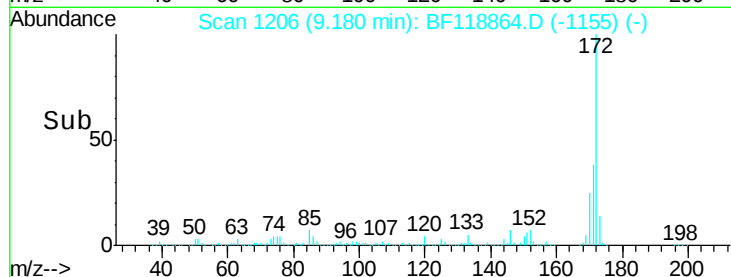
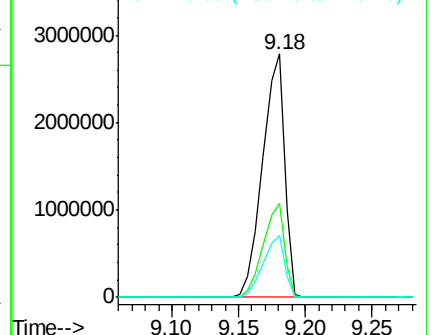
170 25.5 20.5 30.7



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: 42.591 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

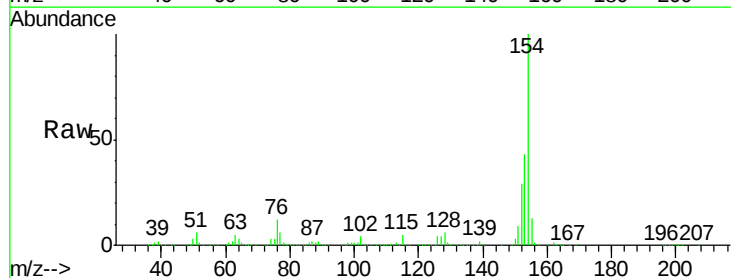
Tgt Ion:154 Resp: 1964467

Ion Ratio Lower Upper

154 100

153 42.7 22.4 62.4

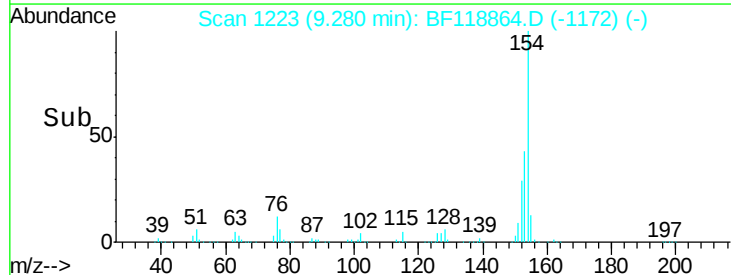
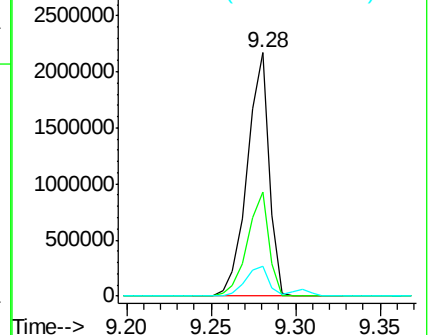
76 12.0 0.0 32.7

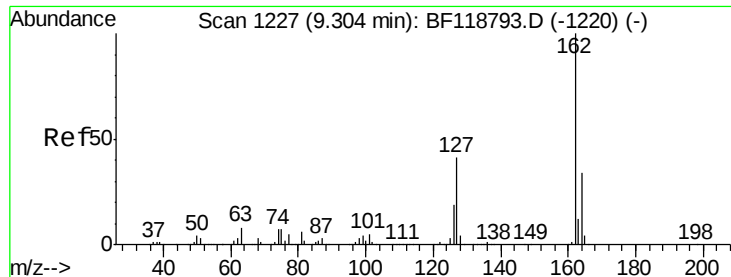


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

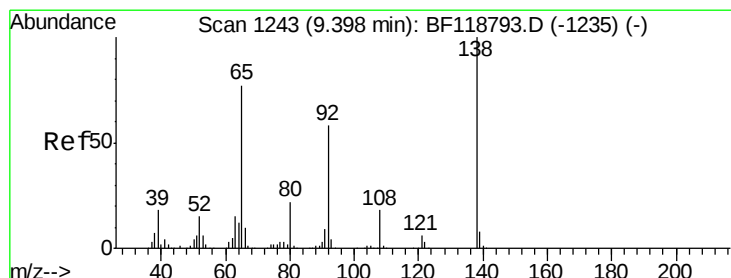
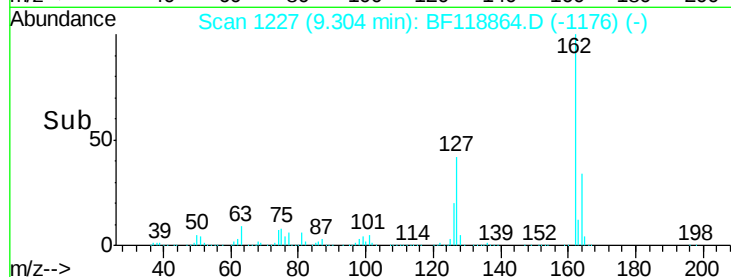
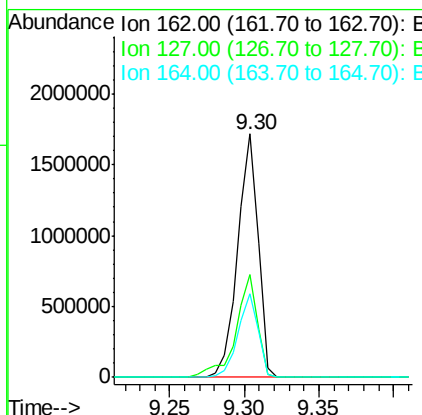
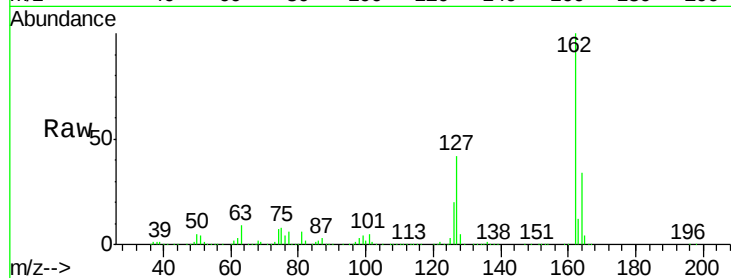




#47
 2-Chloronaphthalene
 Concen: 42.893 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF118864.D
 Acq: 10 Feb 2020 10:14

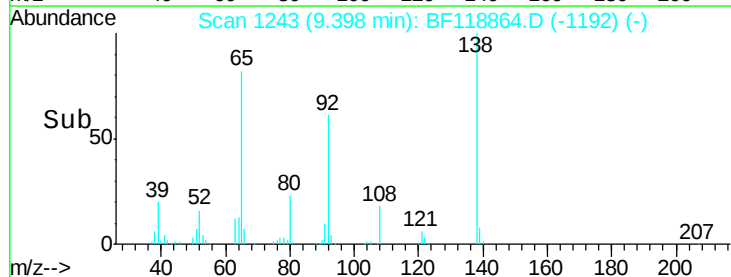
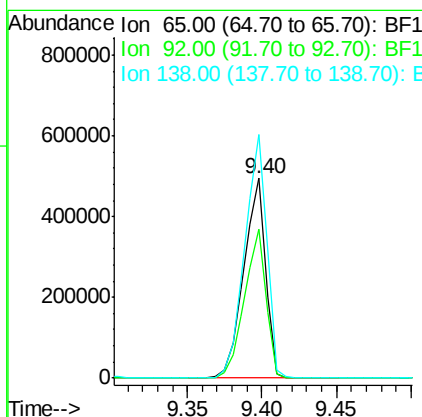
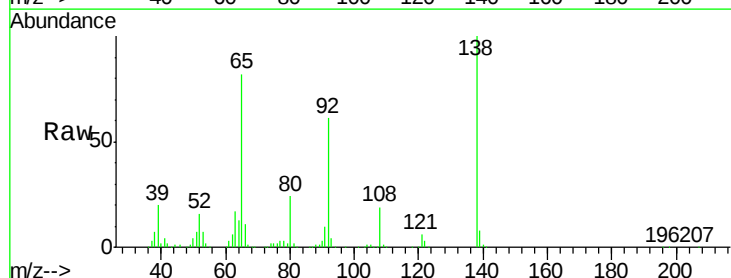
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

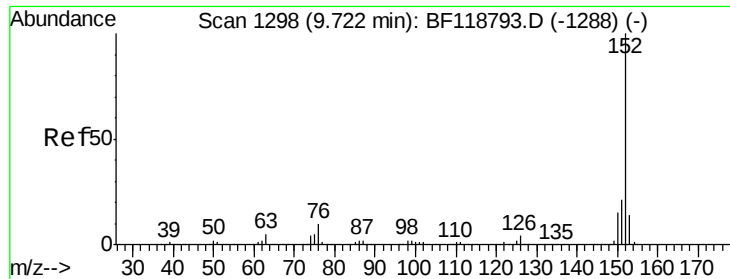
Tot Ion:162 Resp: 1644714
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.3 49.9
 164 34.2 27.1 40.7



#48
 2-Nitroaniline
 Concen: 45.282 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF118864.D
 Acq: 10 Feb 2020 10:14

Tgt Ion: 65 Resp: 500780
 Ion Ratio Lower Upper
 65 100
 92 74.6 60.6 91.0
 138 121.9 104.6 156.8





#49

Acenaphthylene

Concen: 43.517 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

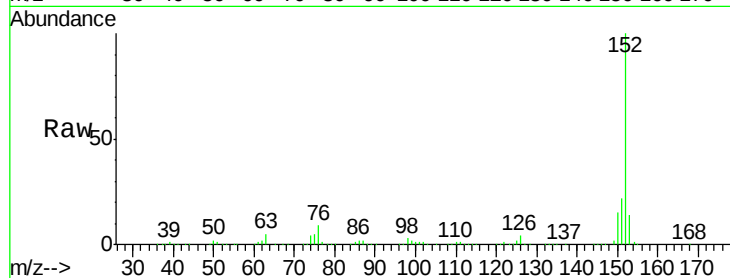
Tot Ion:152 Resp: 2409278

Ion Ratio Lower Upper

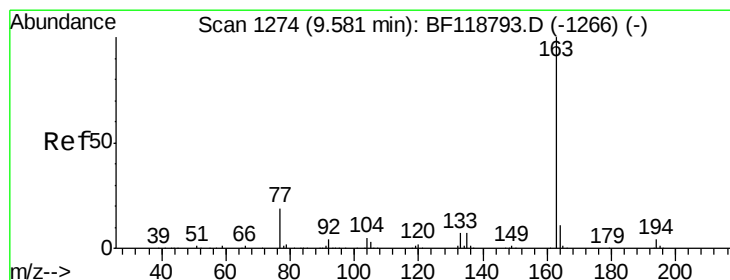
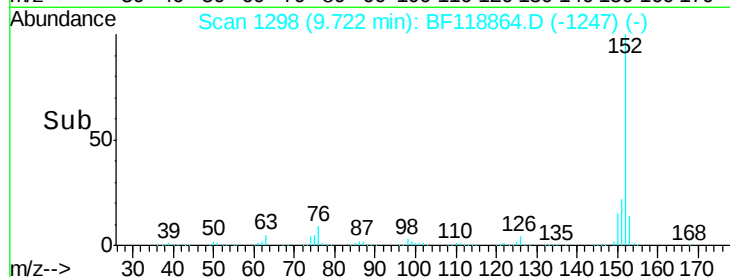
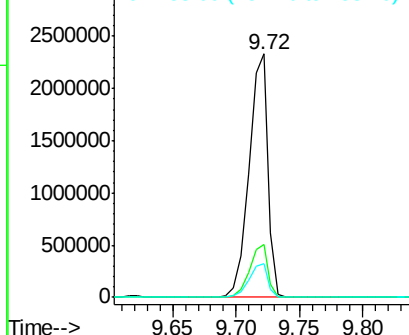
152 100

151 21.5 17.1 25.7

153 13.7 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: 45.352 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

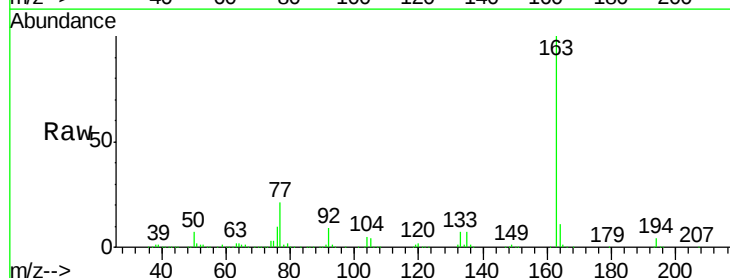
Tgt Ion:163 Resp: 2059010

Ion Ratio Lower Upper

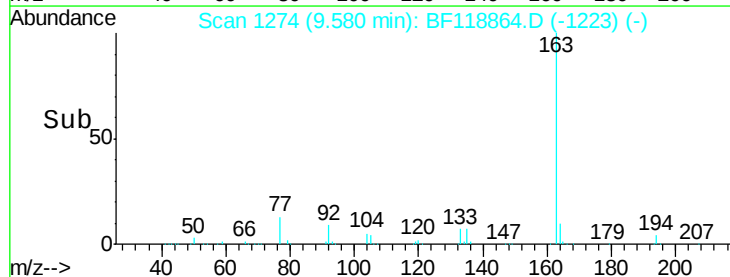
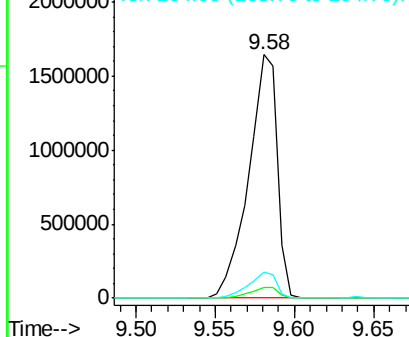
163 100

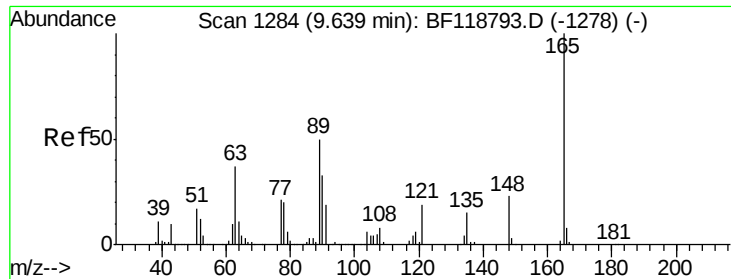
194 4.5 3.6 5.4

164 11.0 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

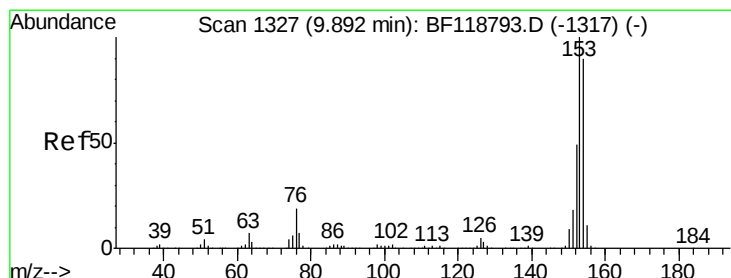
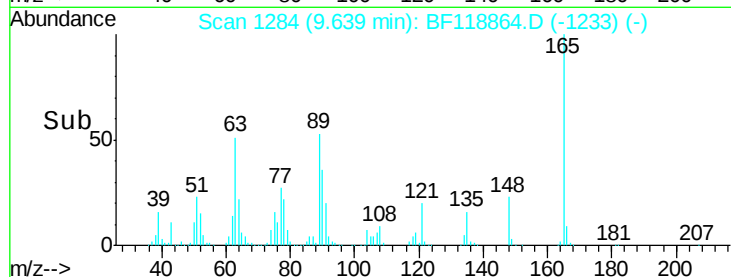
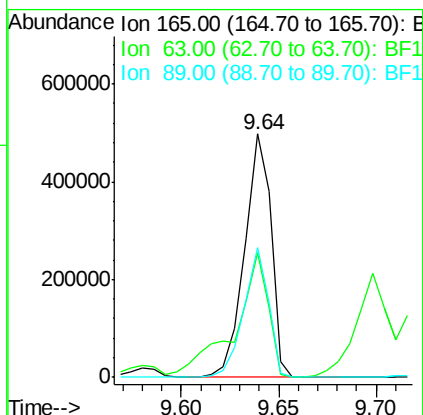
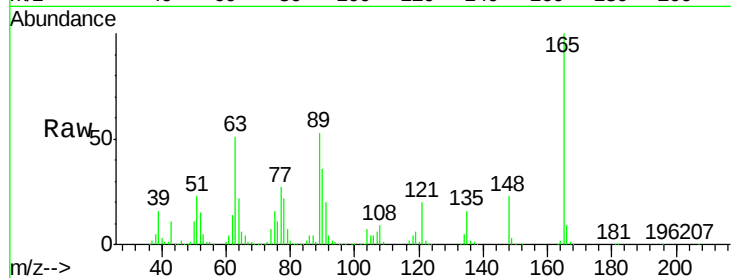




#51
 2,6-Dinitrotoluene
 Concen: 45.002 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF118864.D
 Acq: 10 Feb 2020 10:14

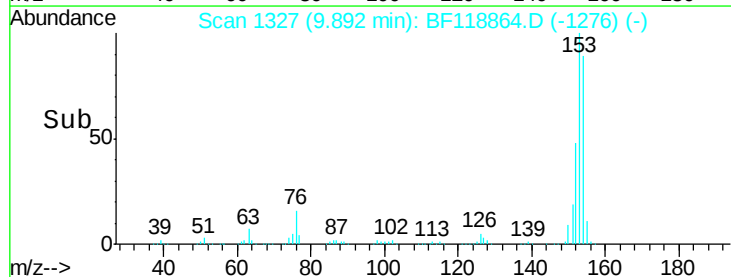
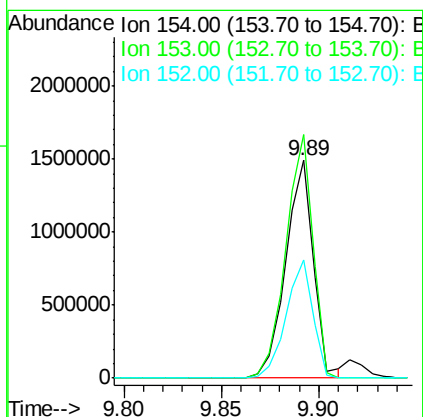
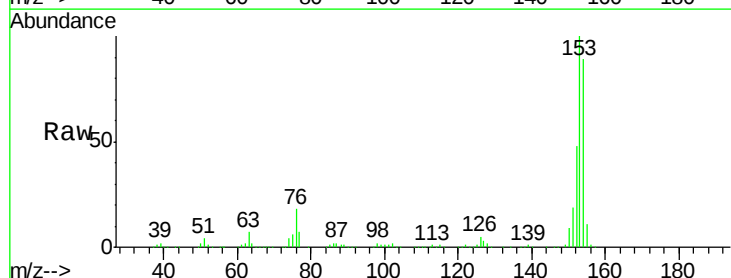
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

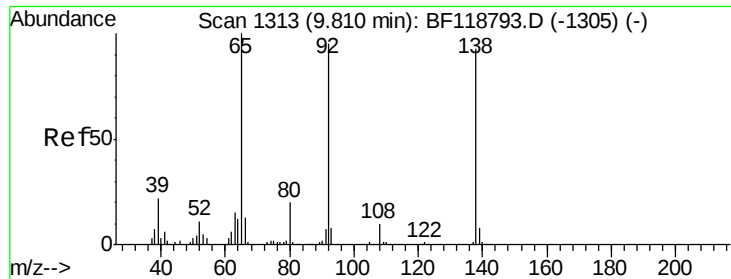
Tot Ion:165 Resp: 467486
 Ion Ratio Lower Upper
 165 100
 63 51.2 37.4 56.0
 89 53.2 39.7 59.5



#52
 Acenaphthene
 Concen: 40.014 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF118864.D
 Acq: 10 Feb 2020 10:14

Tgt Ion:154 Resp: 1459796
 Ion Ratio Lower Upper
 154 100
 153 112.0 89.4 134.0
 152 54.2 43.6 65.4

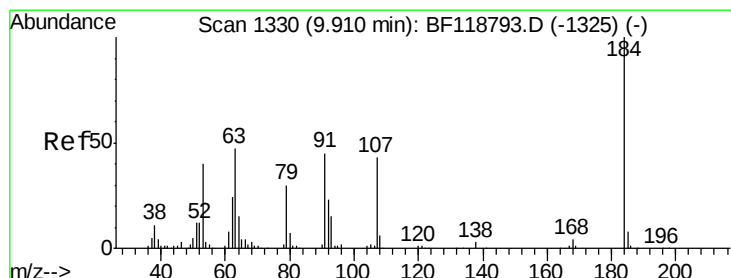
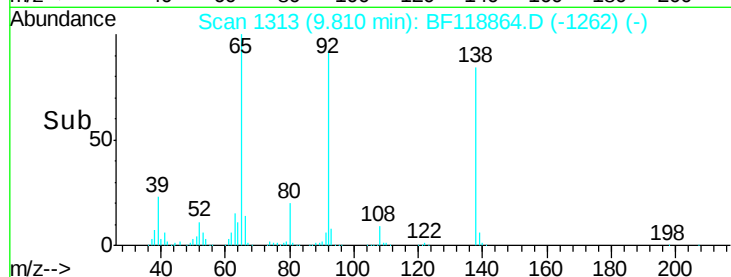
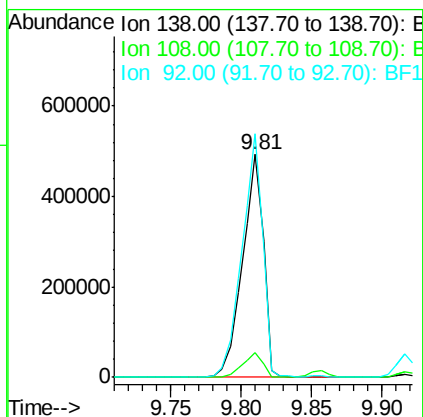
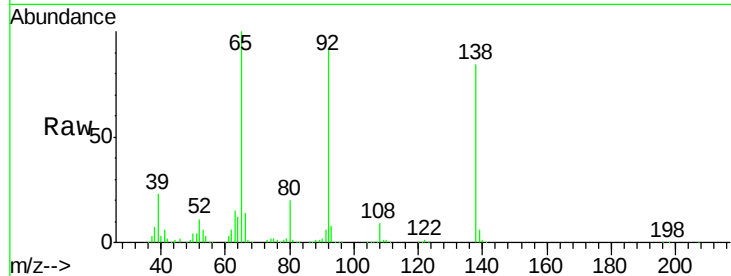




#53
3-Nitroaniline
Concen: 44.149 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

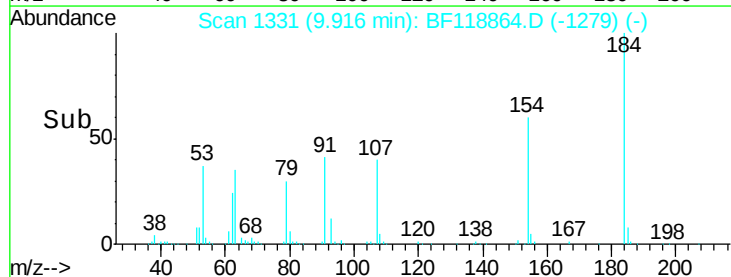
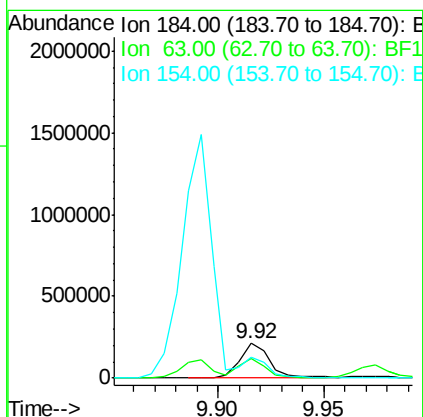
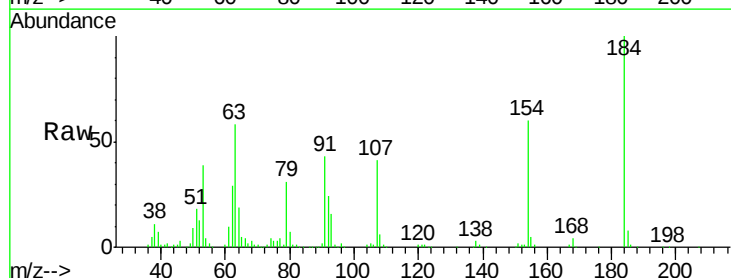
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

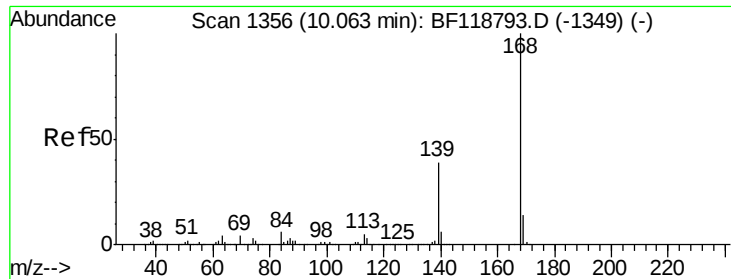
Tot Ion:138 Resp: 508632
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 109.1 82.2 123.4



#54
2,4-Dinitrophenol
Concen: 41.753 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:184 Resp: 208512
Ion Ratio Lower Upper
184 100
63 58.4 47.5 71.3
154 60.3 48.6 72.8

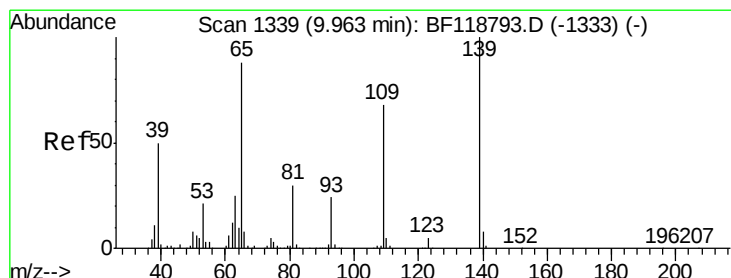
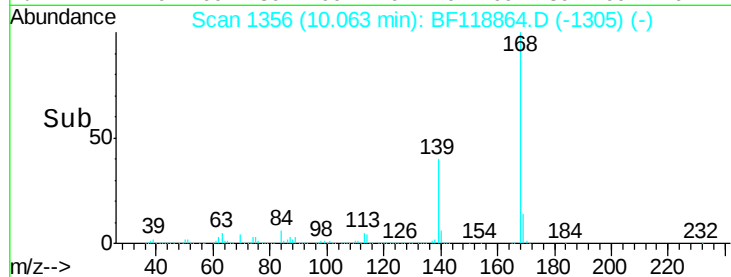
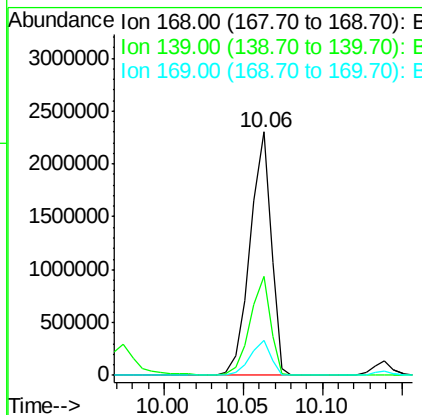
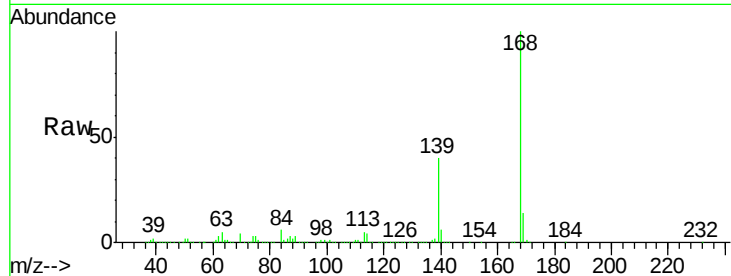




#55
Dibenzenofuran
Concen: 40.286 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

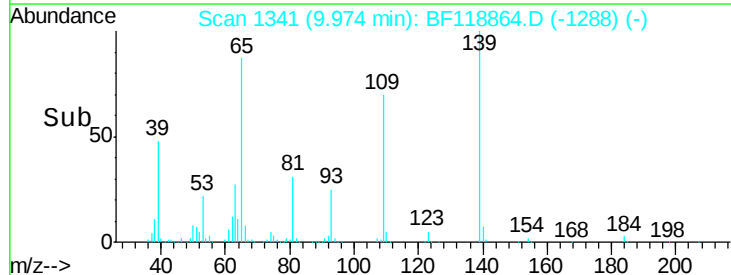
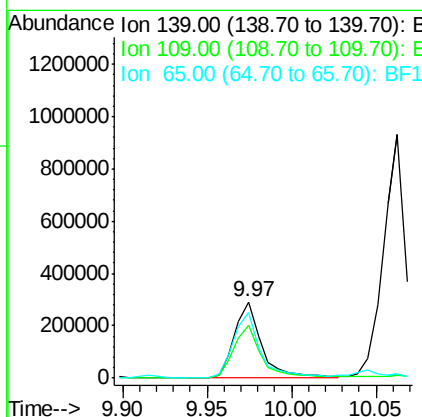
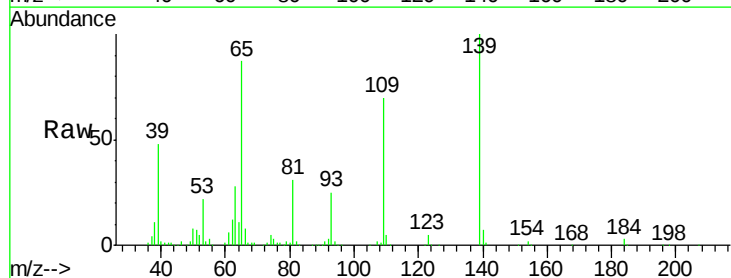
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

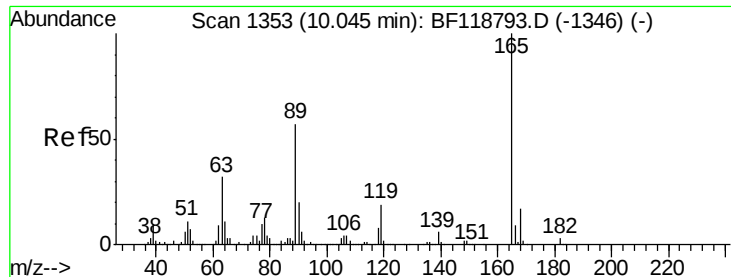
Tot Ion:168 Resp: 2124029
Ion Ratio Lower Upper
168 100
139 40.4 31.6 47.4
169 14.1 11.4 17.2



#56
4-Nitrophenol
Concen: 39.775 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:139 Resp: 331644
Ion Ratio Lower Upper
139 100
109 69.8 48.0 88.0
65 86.8 68.3 108.3





#57

2,4-Dinitrotoluene

Concen: 44.440 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 610937

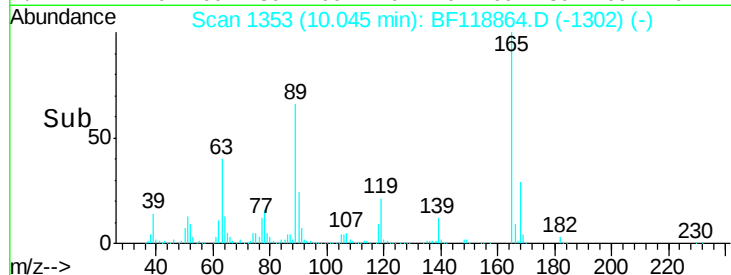
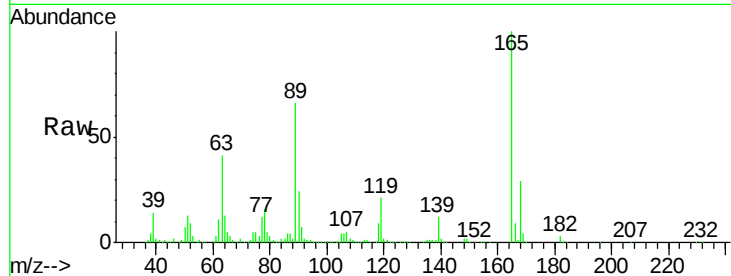
Ion Ratio Lower Upper

165 100

63 40.5 25.5 38.3#

89 66.1 45.4 68.0

182 3.1 2.4 3.6

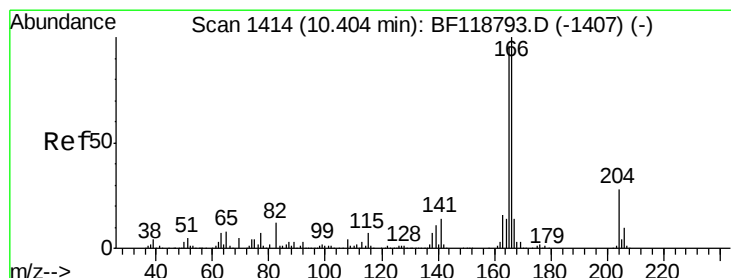
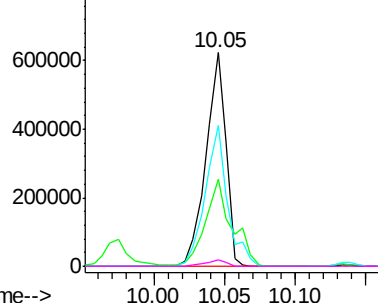


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.384 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

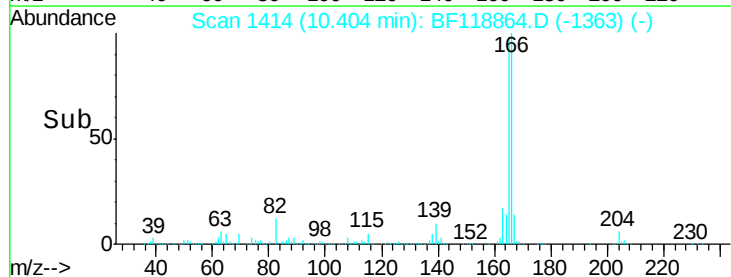
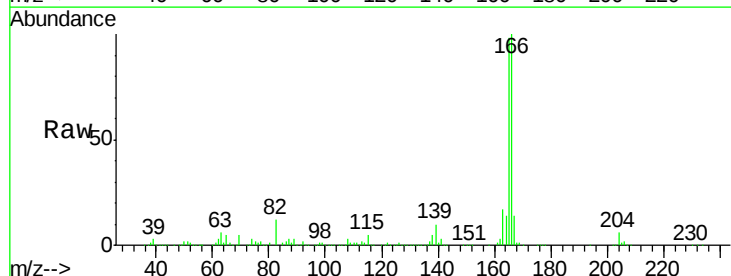
Tgt Ion:166 Resp: 1641467

Ion Ratio Lower Upper

166 100

165 98.0 77.0 115.6

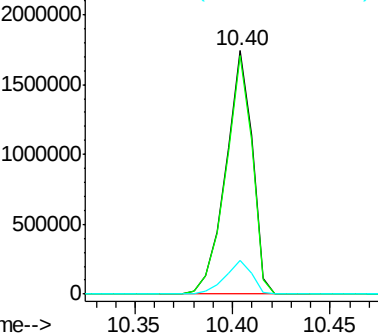
167 14.1 11.1 16.7

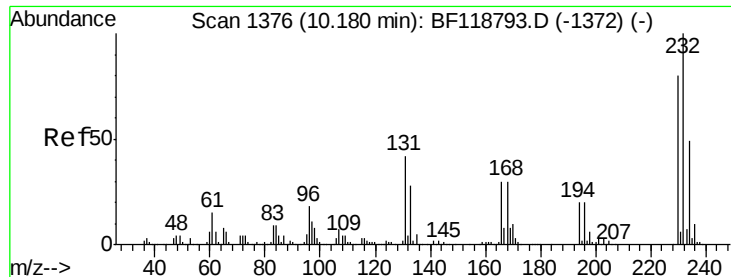


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

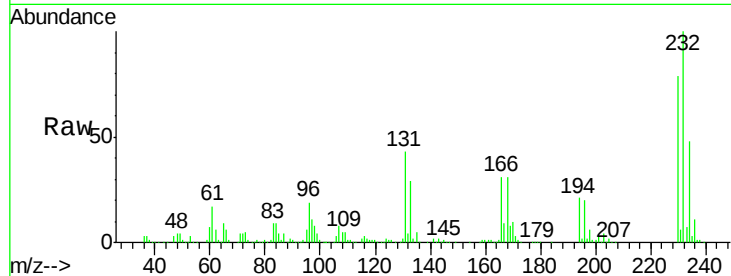




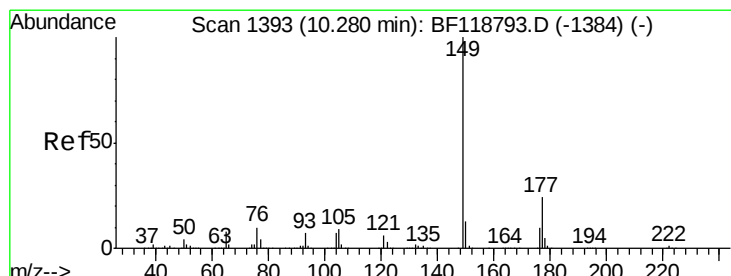
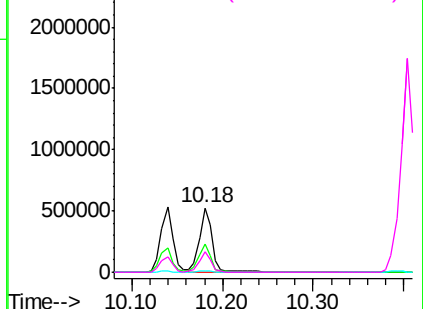
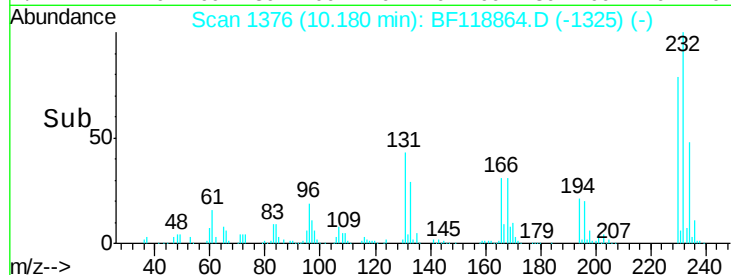
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.733 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF118864.D
 Acq: 10 Feb 2020 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 513142
 Ion Ratio Lower Upper
 232 100
 131 41.0 31.8 47.6
 130 2.1 1.6 2.4
 166 29.2 23.1 34.7

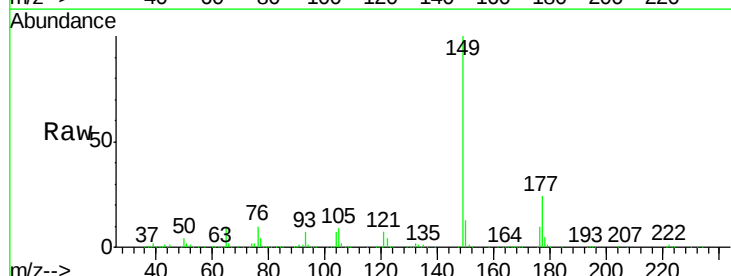


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

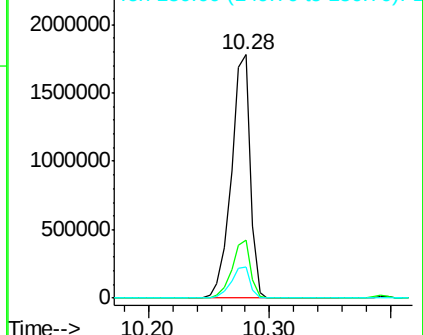
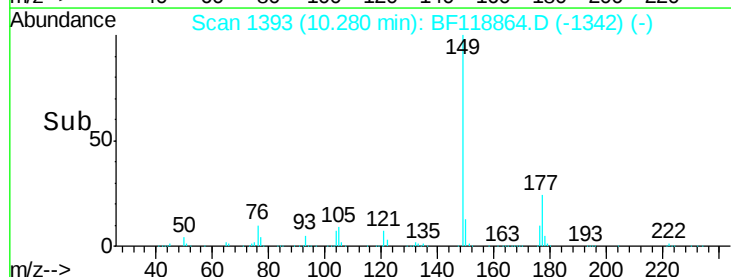


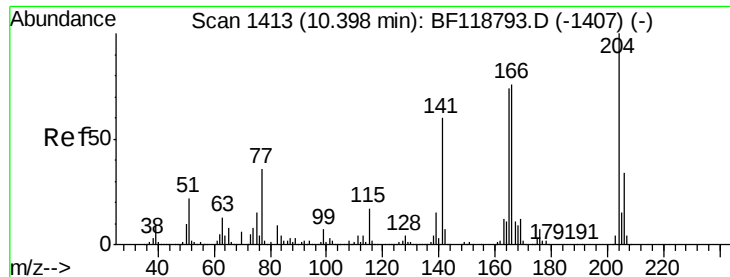
#60
 Diethylphthalate
 Concen: 43.623 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF118864.D
 Acq: 10 Feb 2020 10:14

Tgt Ion:149 Resp: 1925814
 Ion Ratio Lower Upper
 149 100
 177 23.9 19.3 28.9
 150 13.0 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

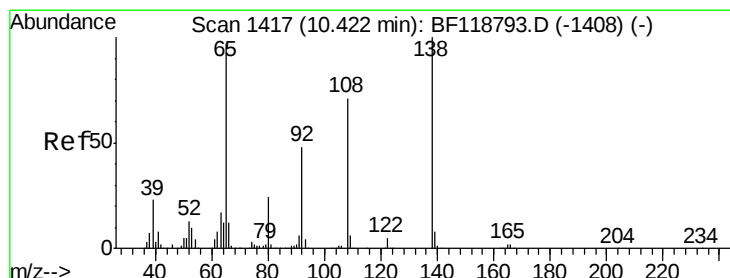
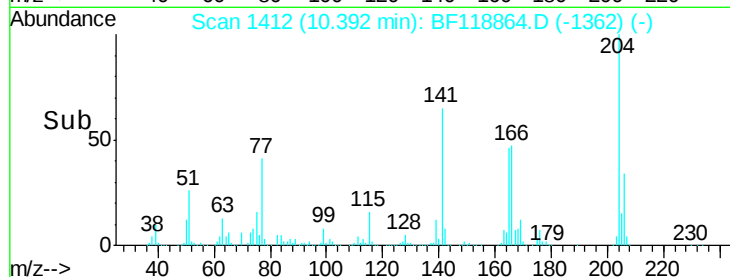
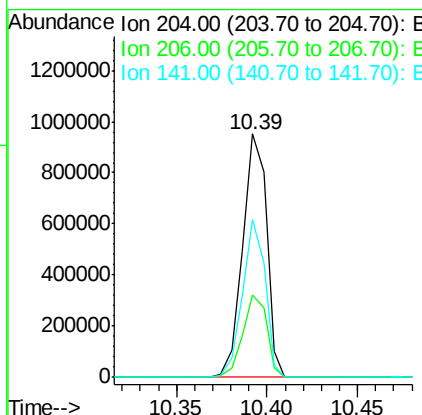
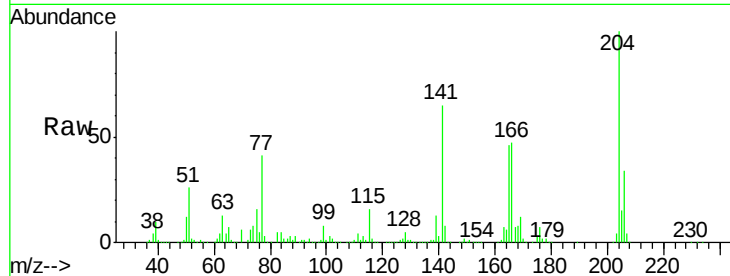




#61
4-Chlorophenyl-phenylether
Concen: 40.612 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

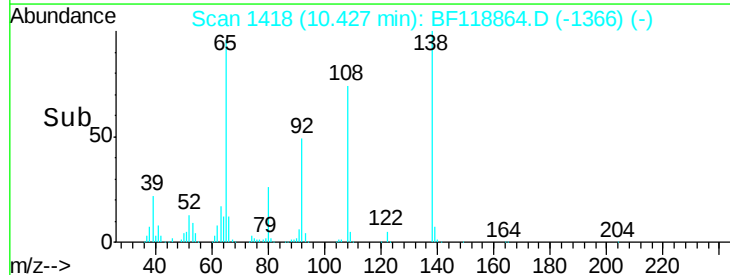
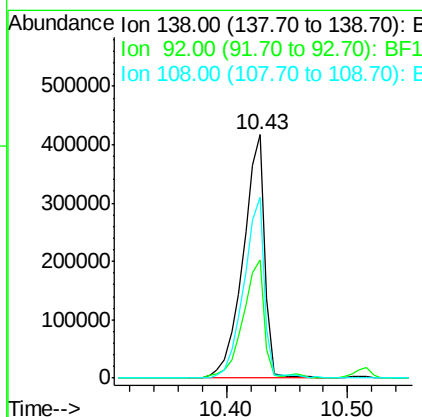
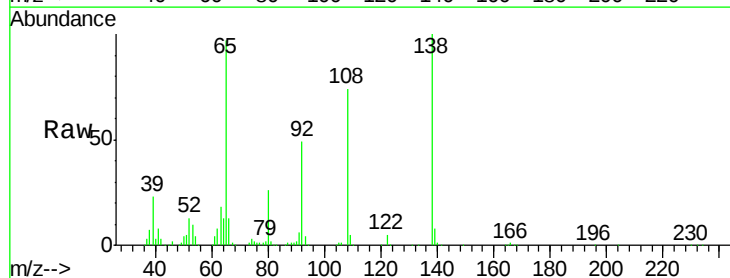
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

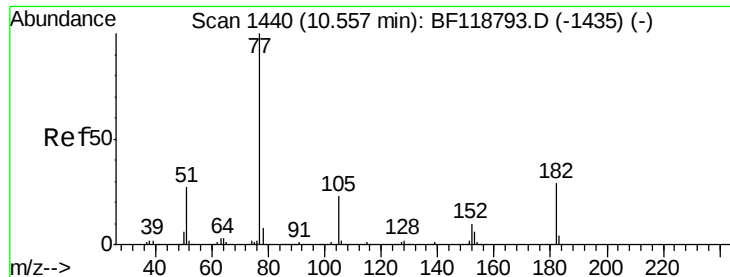
Tot Ion:204 Resp: 873595
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.2
141 64.9 47.8 71.6



#62
4-Nitroaniline
Concen: 45.116 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:138 Resp: 520510
Ion Ratio Lower Upper
138 100
92 48.7 27.6 67.6
108 74.2 51.3 91.3

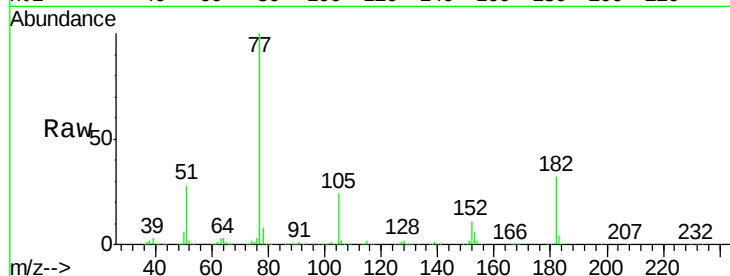




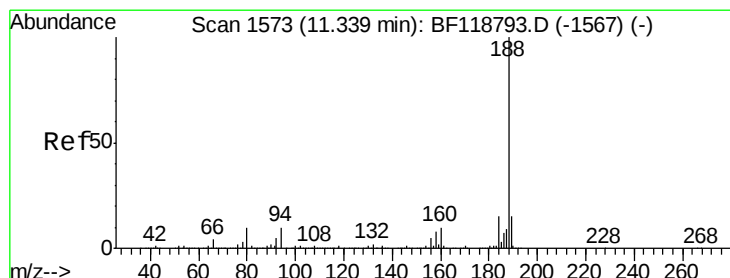
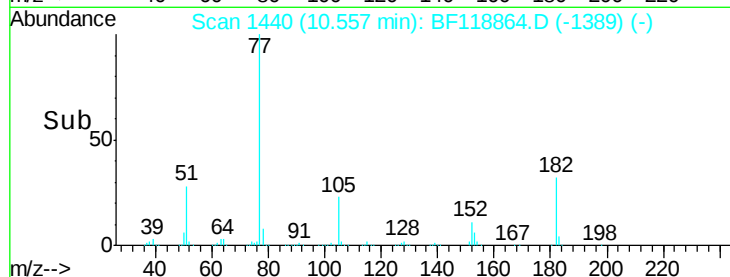
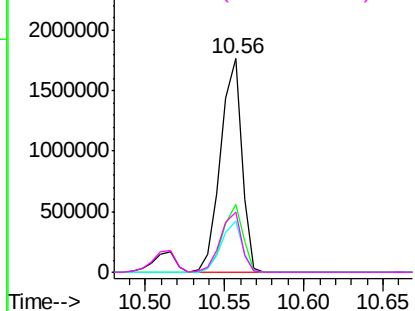
#63
Azobenzene
Concen: 43.575 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 1642346
Ion Ratio Lower Upper
77 100
182 31.7 9.2 49.2
105 23.7 3.1 43.1
51 28.1 7.4 47.4

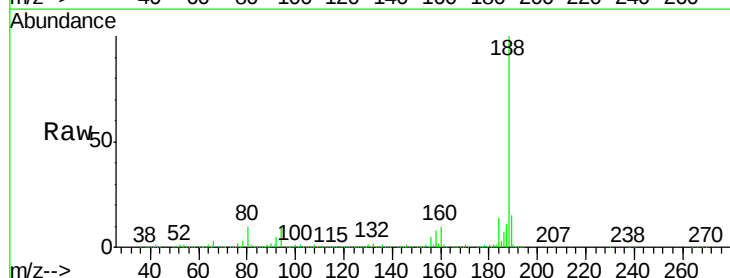


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

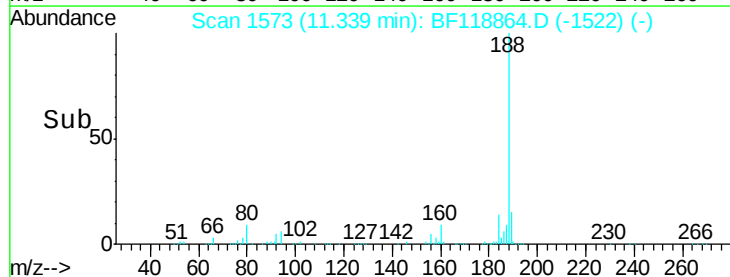
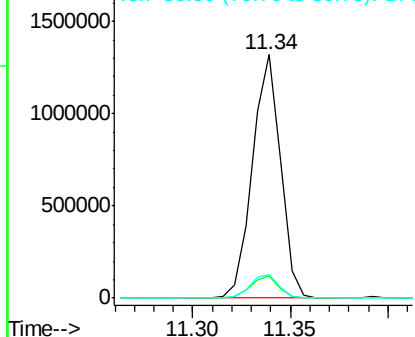


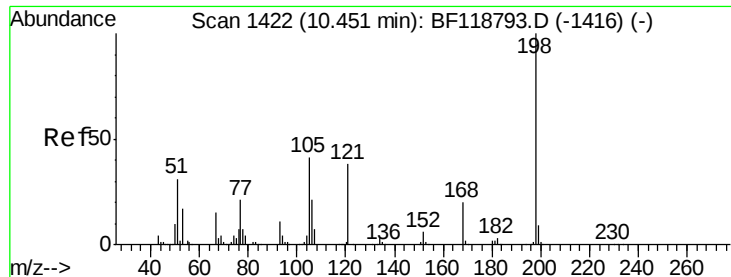
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion: 188 Resp: 1312899
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.6 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: 42.279 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

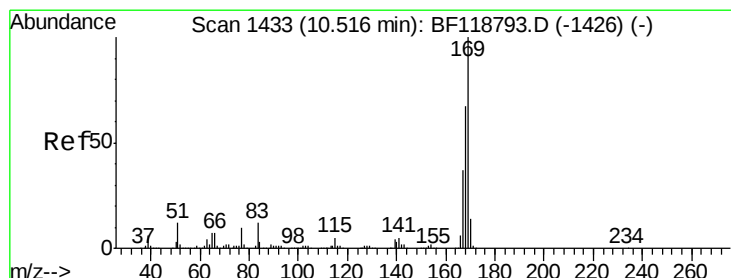
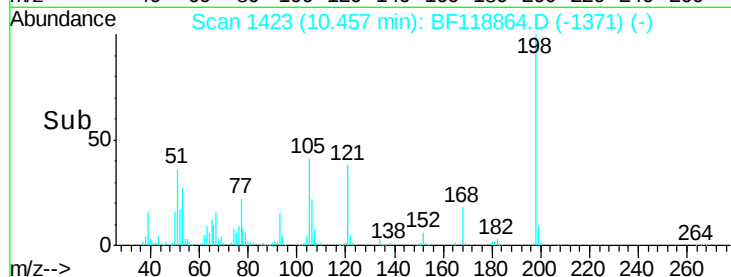
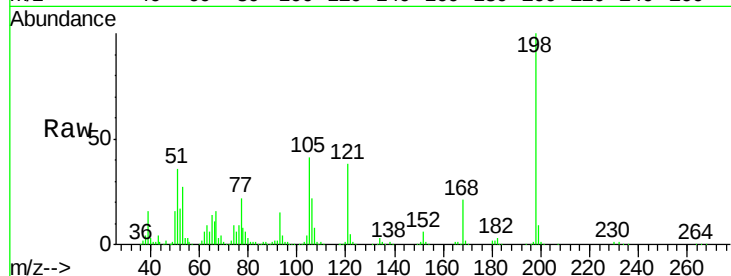
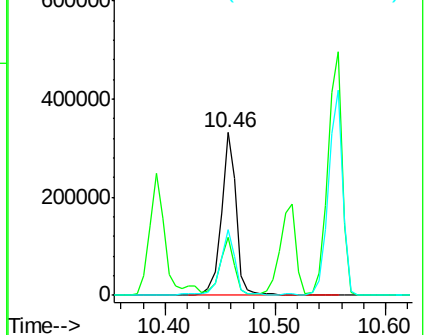
Tot Ion:198 Resp: 311905

Ion	Ratio	Lower	Upper
198	100		
51	35.9	16.7	56.7
105	40.7	22.0	62.0

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.506 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

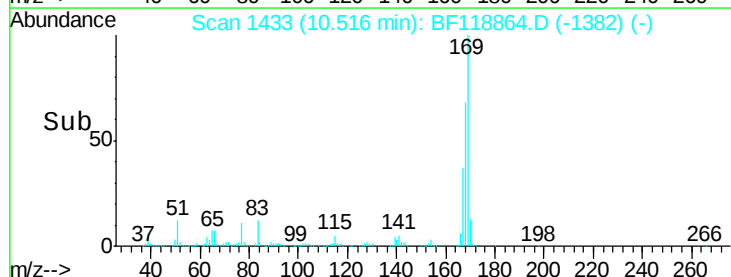
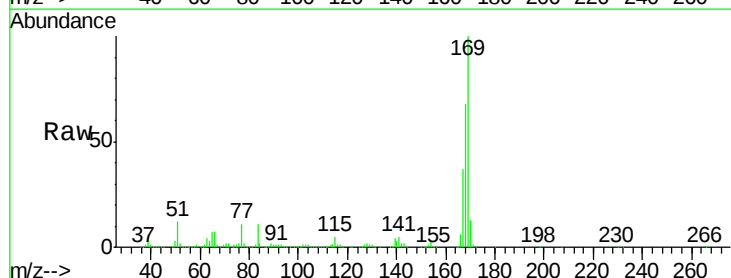
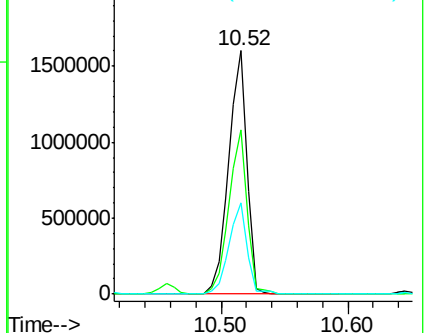
Tgt Ion:169 Resp: 1578459

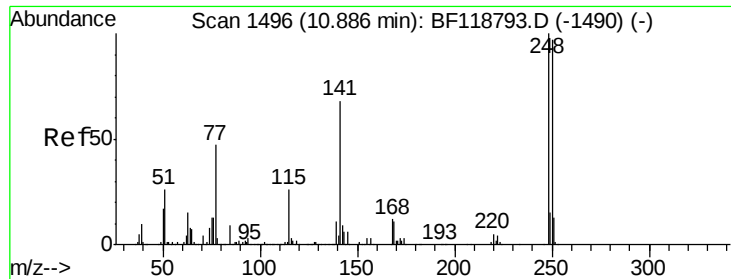
Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.5	80.3
167	37.5	29.3	43.9

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

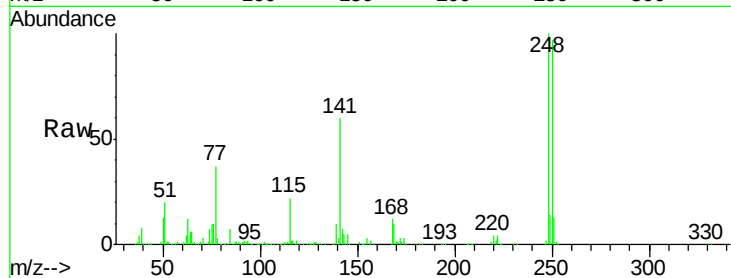




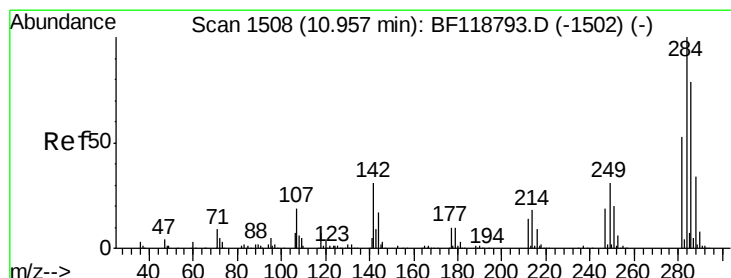
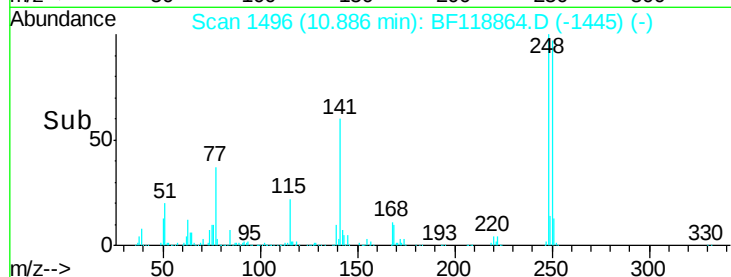
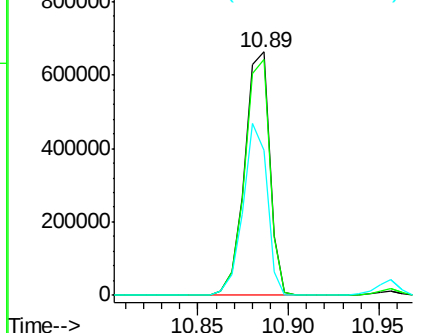
#67
4-Bromophenyl-phenylether
Concen: 40.945 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 635917
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 59.7 54.4 81.6

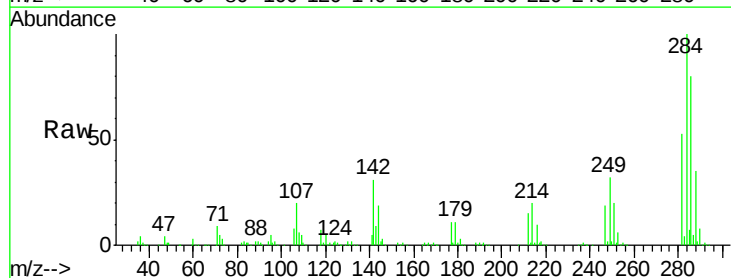


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

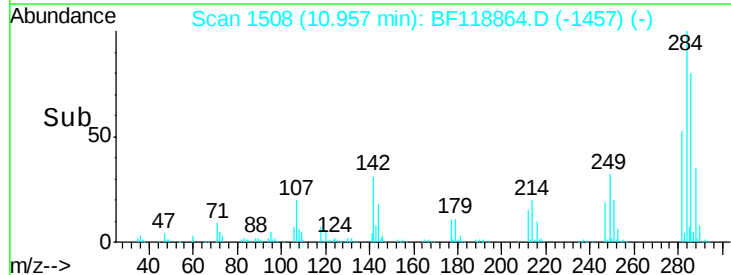
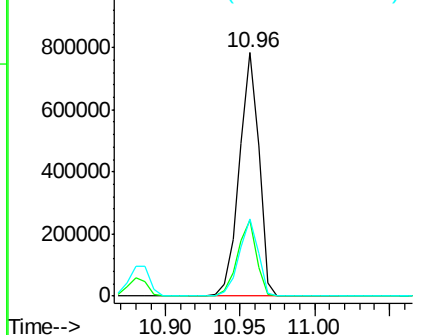


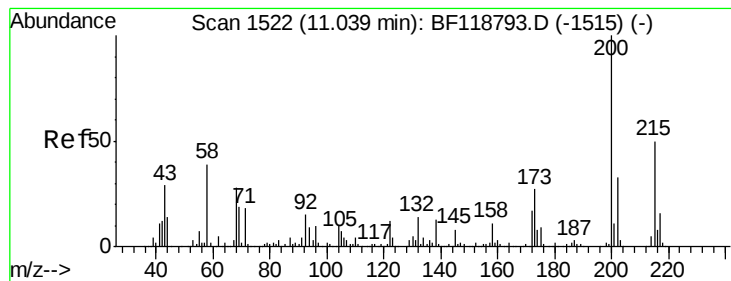
#68
Hexachlorobenzene
Concen: 40.240 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:284 Resp: 716842
Ion Ratio Lower Upper
284 100
142 31.4 24.5 36.7
249 31.6 24.7 37.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.311 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

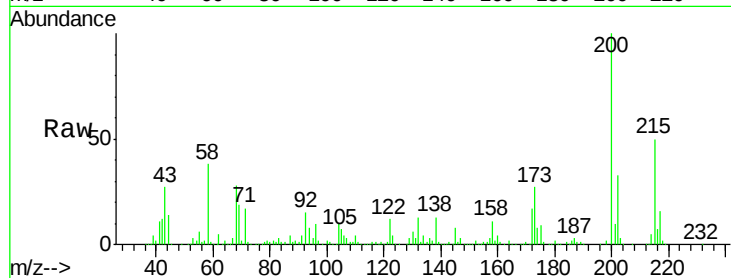
Tot Ion:200 Resp: 523406

Ion Ratio Lower Upper

200 100

173 27.3 7.5 47.5

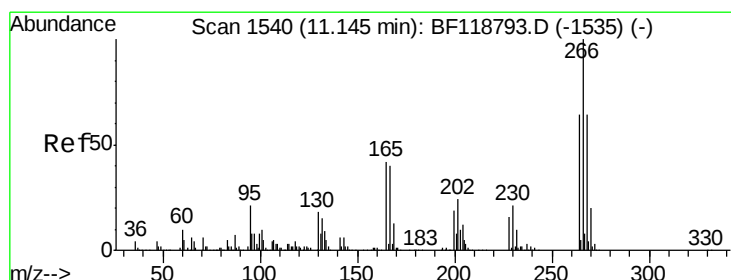
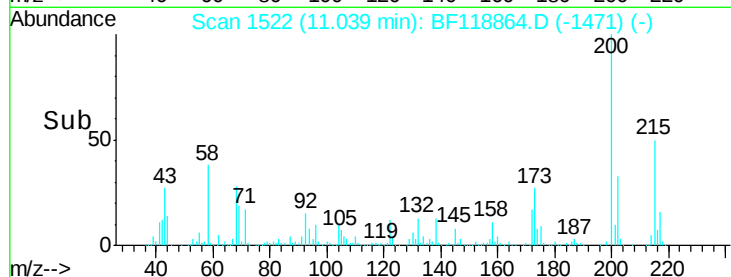
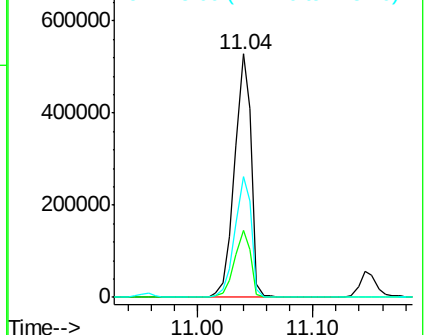
215 49.7 29.9 69.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 38.372 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

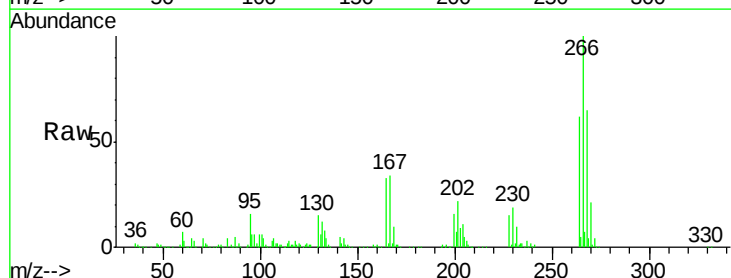
Tgt Ion:266 Resp: 360931

Ion Ratio Lower Upper

266 100

268 64.7 51.0 76.6

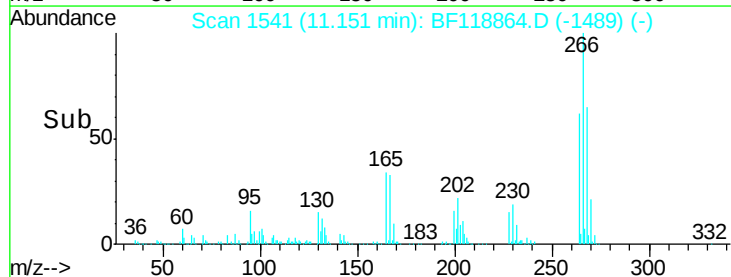
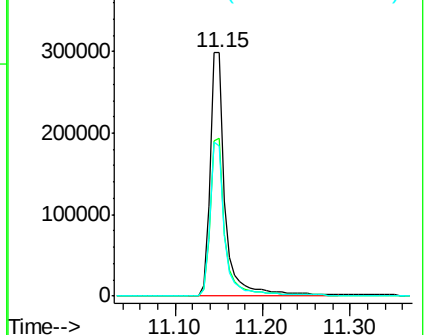
264 61.8 51.4 77.2

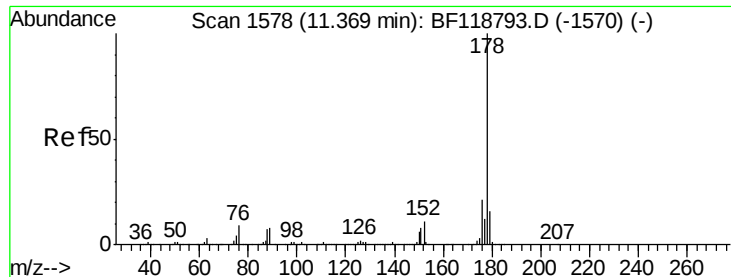


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.974 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

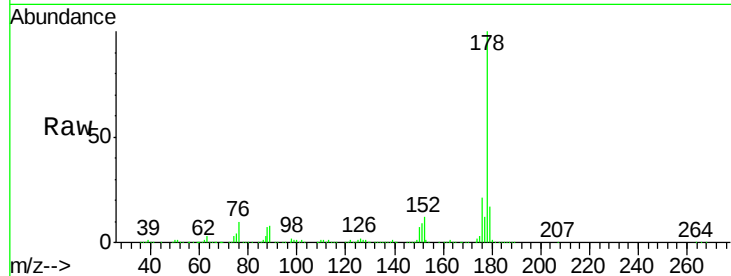
Tot Ion:178 Resp: 2582184

Ion Ratio Lower Upper

178 100

176 20.9 16.6 24.8

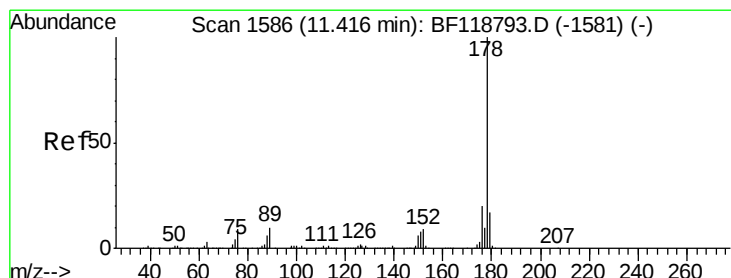
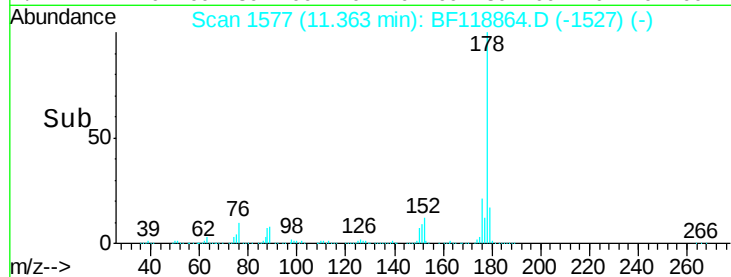
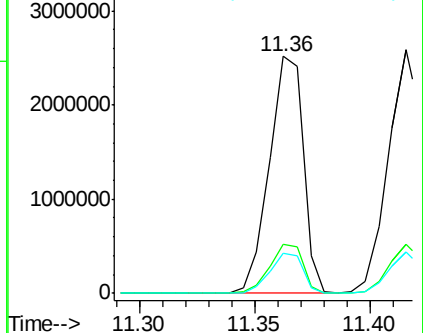
179 16.9 13.2 19.8



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: 40.748 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

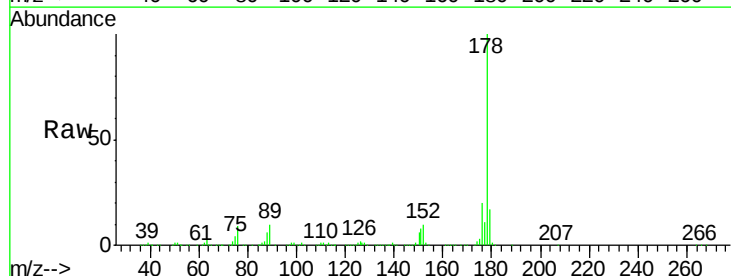
Tgt Ion:178 Resp: 2618570

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

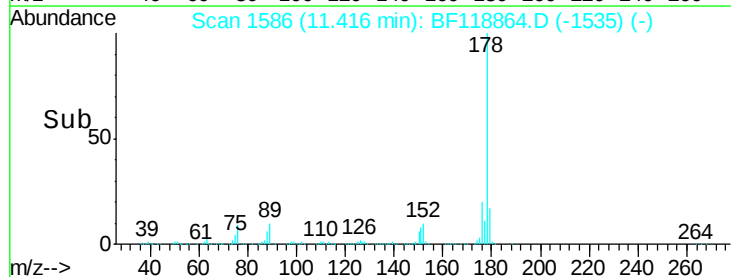
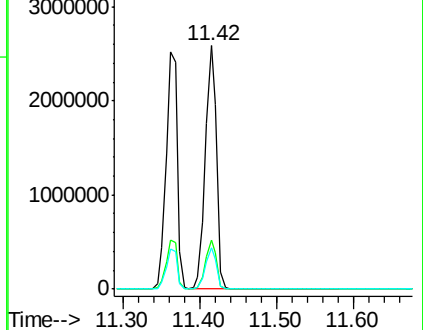
179 16.8 13.4 20.2

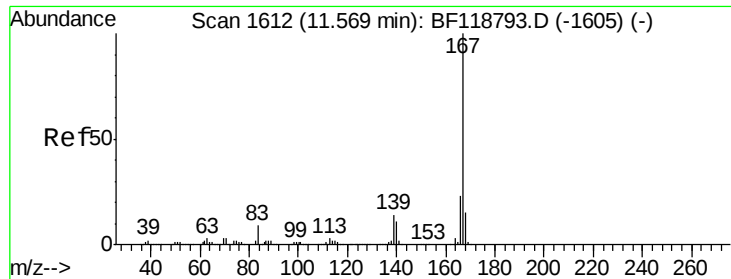


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

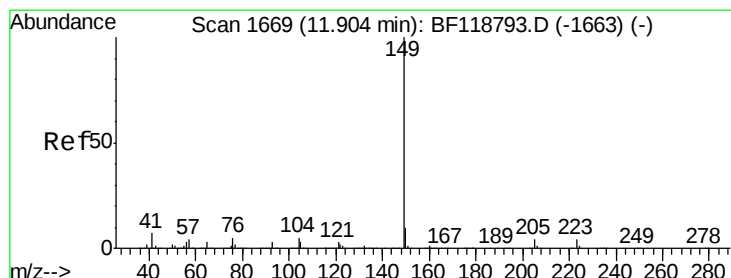
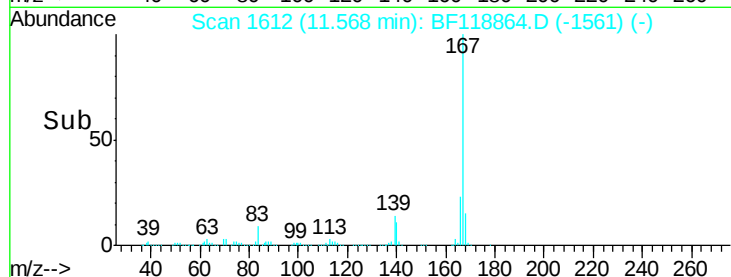
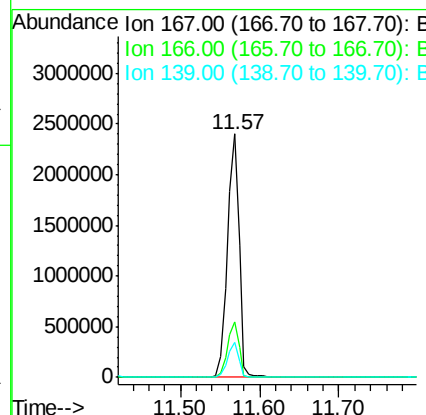
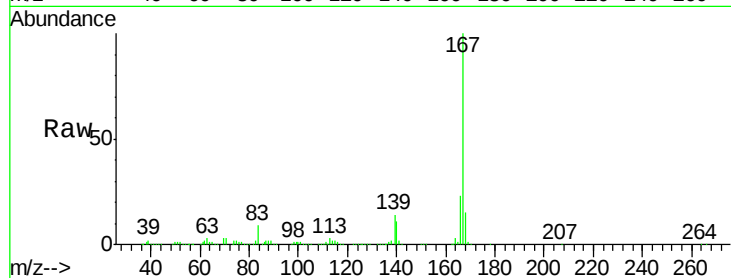




#73
 Carbazole
 Concen: 43.011 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF118864.D
 Acq: 10 Feb 2020 10:14

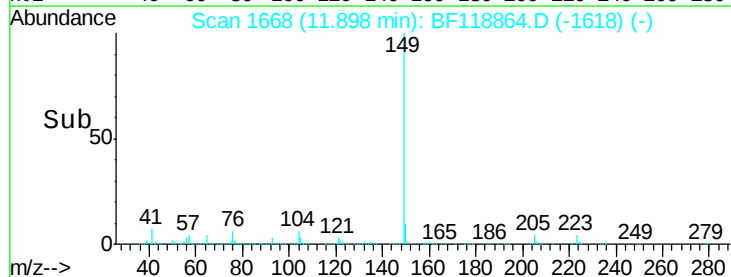
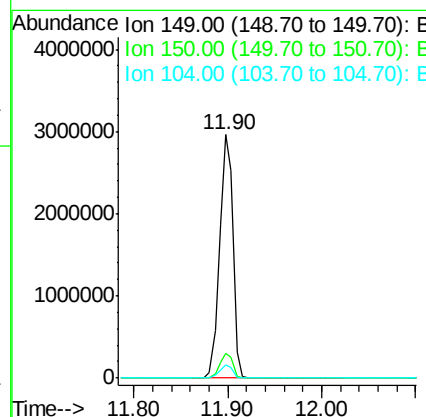
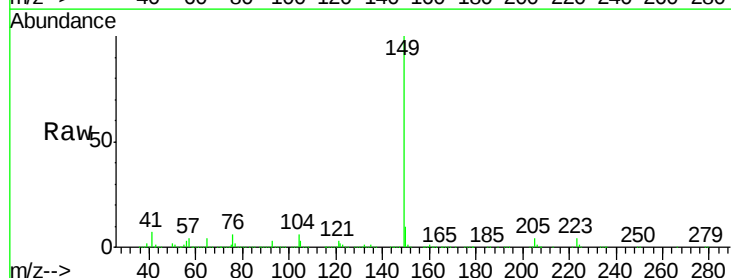
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

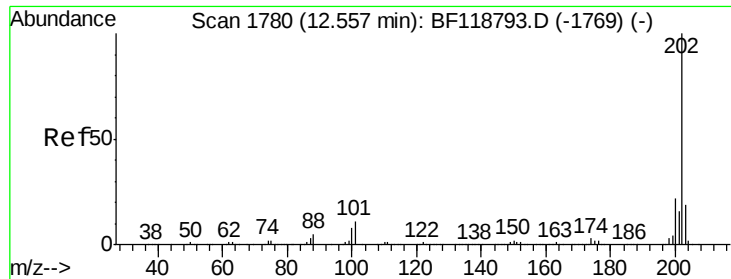
Tot Ion:167 Resp: 2425673
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 14.3 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.159 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF118864.D
 Acq: 10 Feb 2020 10:14

Tgt Ion:149 Resp: 2956959
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.1 12.1
 104 5.7 4.3 6.5

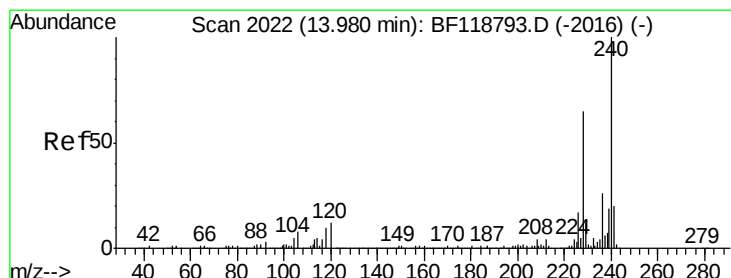
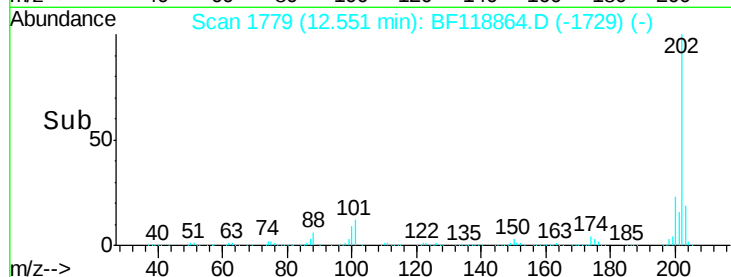
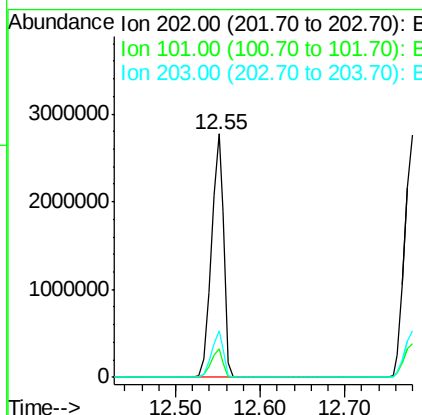
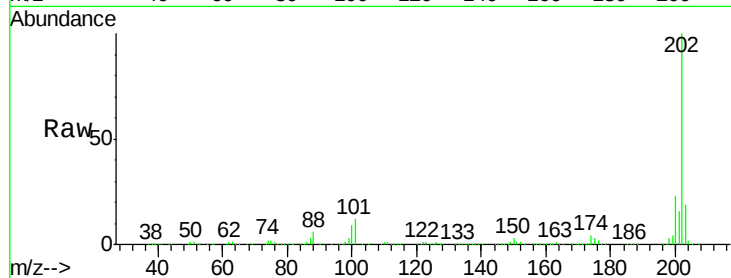




#75
Fluoranthene
Concen: 40.632 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

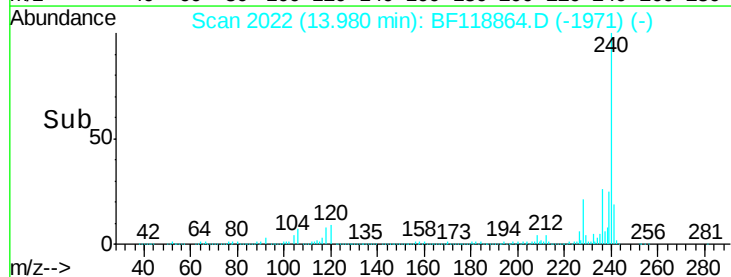
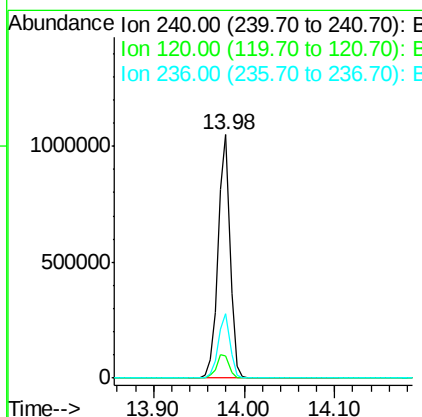
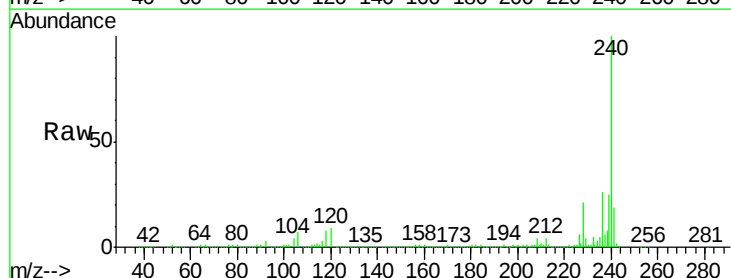
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

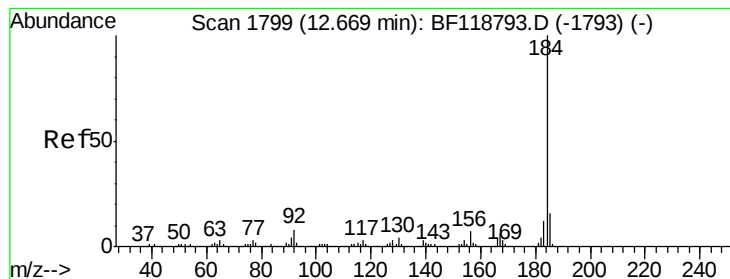
Tot Ion:202 Resp: 2865698
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.0
203 19.0 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:240 Resp: 943384
Ion Ratio Lower Upper
240 100
120 9.2 9.4 14.0#
236 26.5 21.0 31.6





#77

Benzidine

Concen: 40.787 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

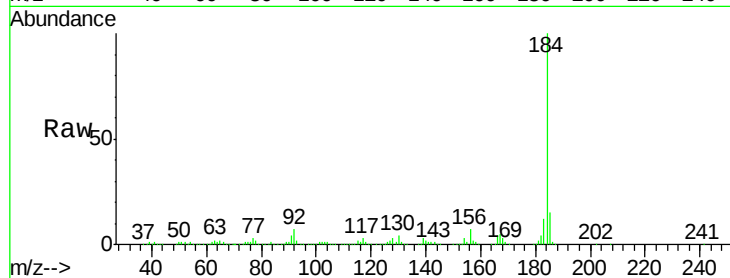
Tot Ion:184 Resp: 1163778

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

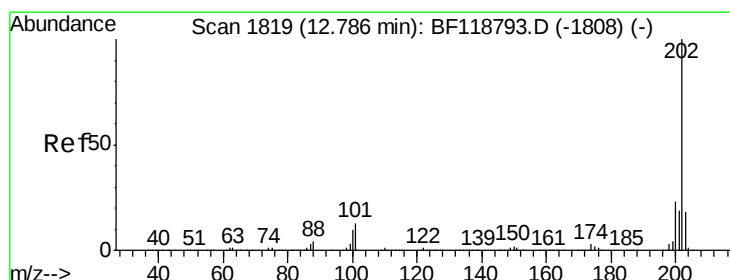
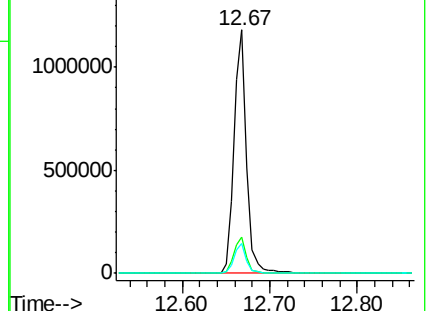
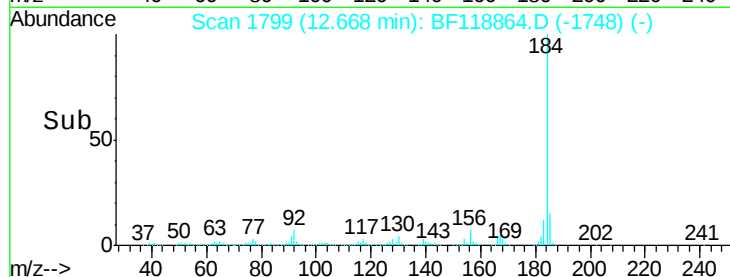
183 12.3 9.7 14.5



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: 44.262 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

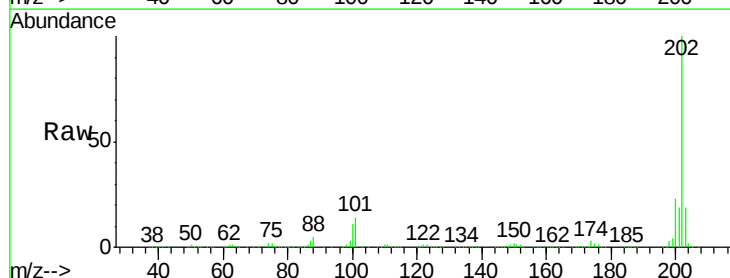
Tgt Ion:202 Resp: 2864582

Ion Ratio Lower Upper

202 100

200 23.3 18.2 27.2

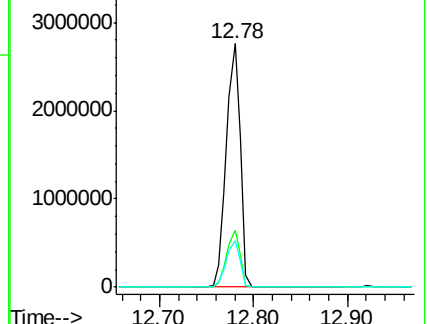
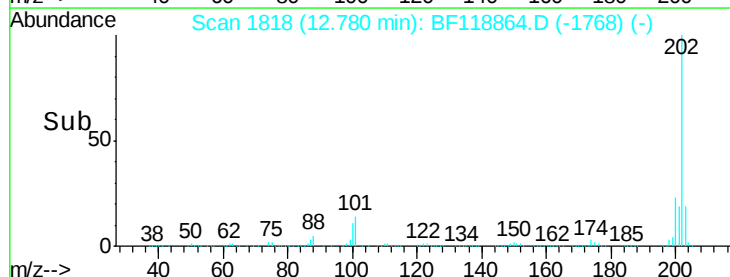
203 19.1 14.8 22.2

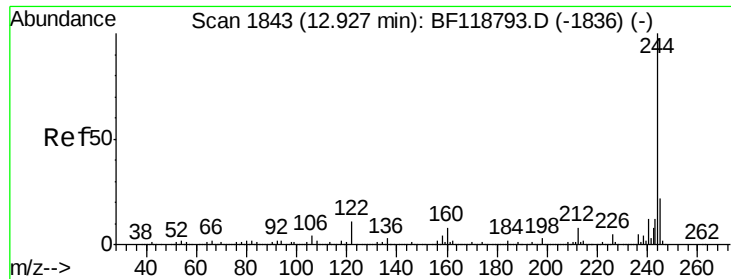


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.158 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

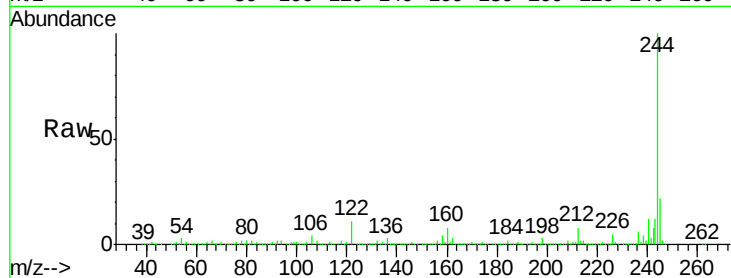
Tot Ion:244 Resp: 3911159

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

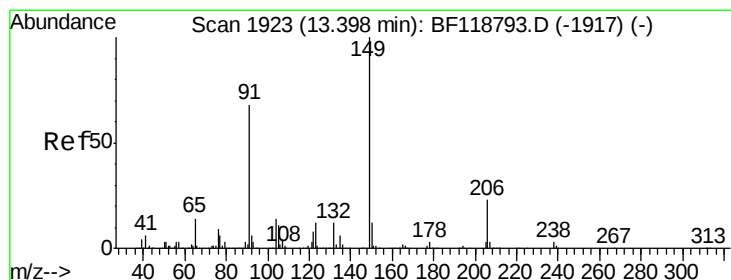
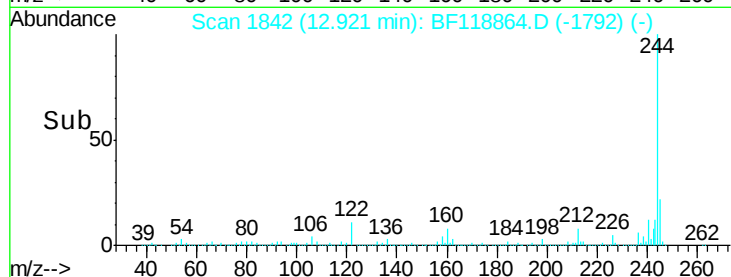
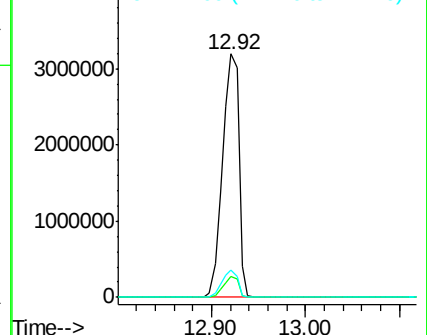
122 11.2 8.9 13.3



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: 44.599 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

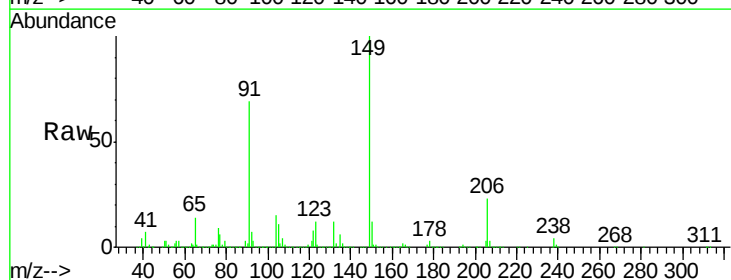
Tgt Ion:149 Resp: 1317432

Ion Ratio Lower Upper

149 100

91 69.1 54.7 82.1

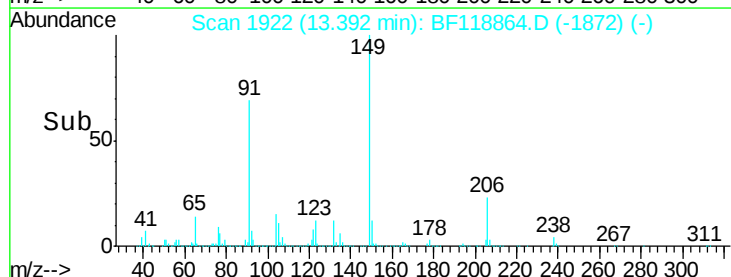
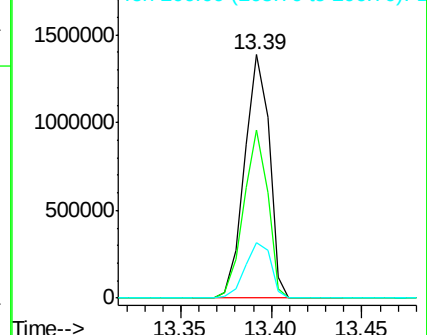
206 22.7 18.5 27.7

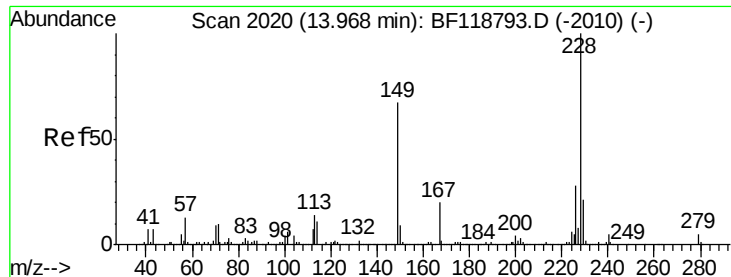


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.345 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

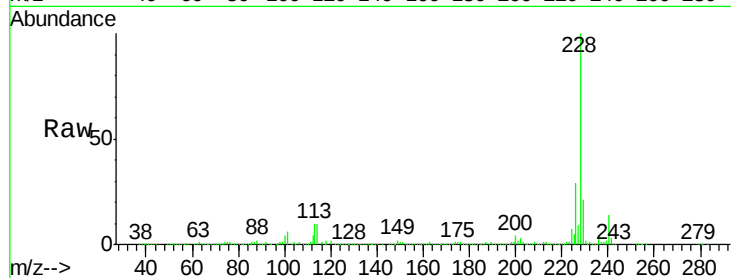
Tot Ion:228 Resp: 2433248

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

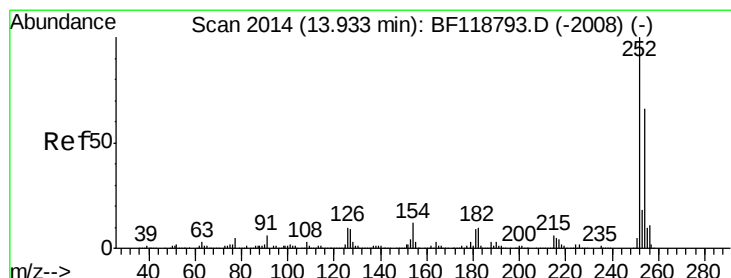
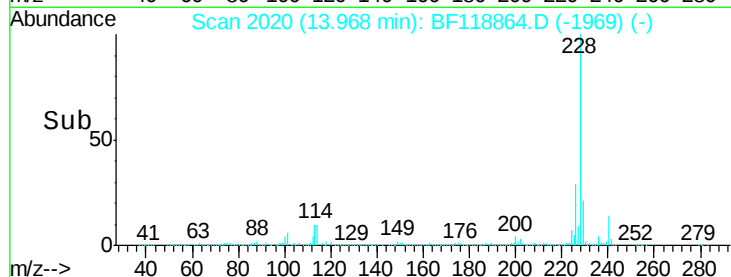
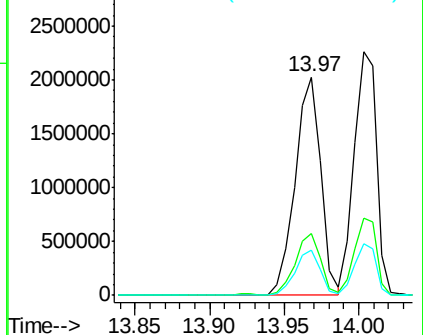
229 20.5 16.6 25.0



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



#82

3,3'-Dichlorobenzidine

Concen: 42.858 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

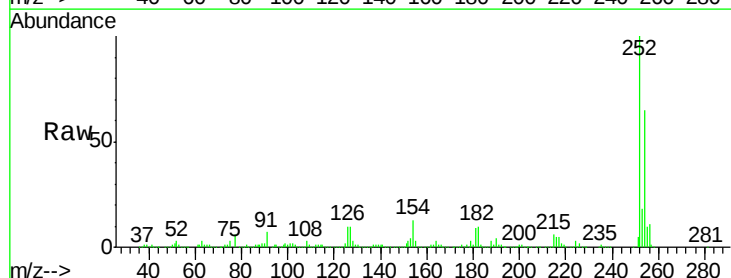
Tgt Ion:252 Resp: 984020

Ion Ratio Lower Upper

252 100

254 64.8 52.4 78.6

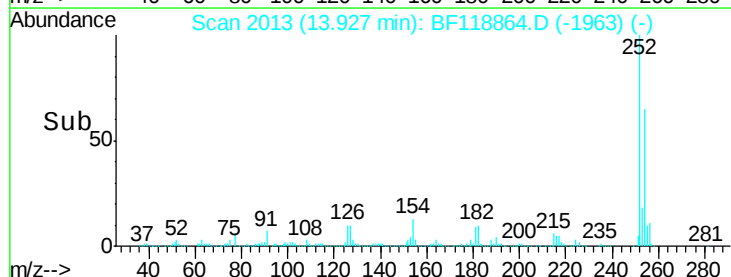
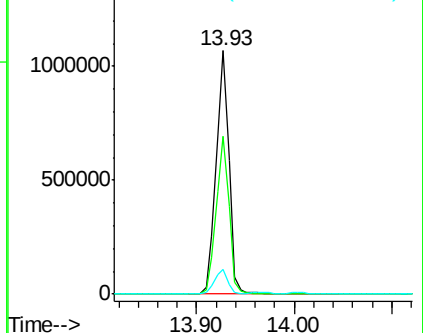
126 10.3 7.8 11.8

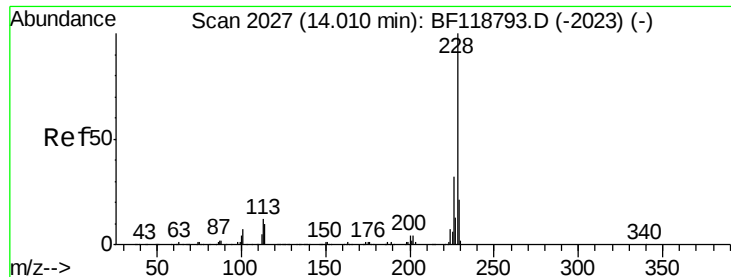


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.133 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

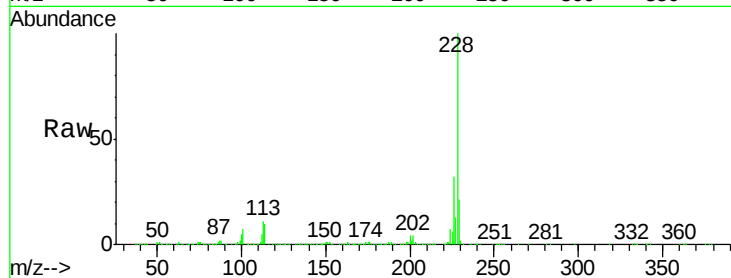
Tot Ion:228 Resp: 2373874

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

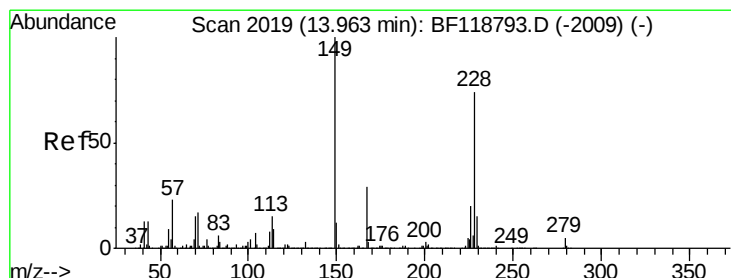
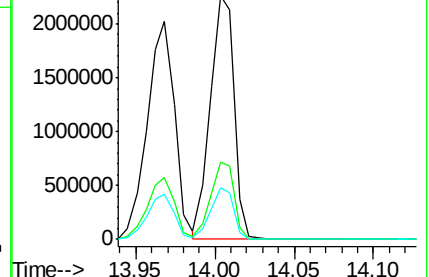
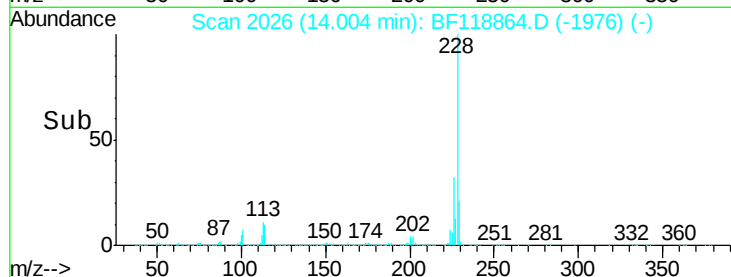
229 21.2 16.9 25.3



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: 43.204 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF118864.D

Acq: 10 Feb 2020 10:14

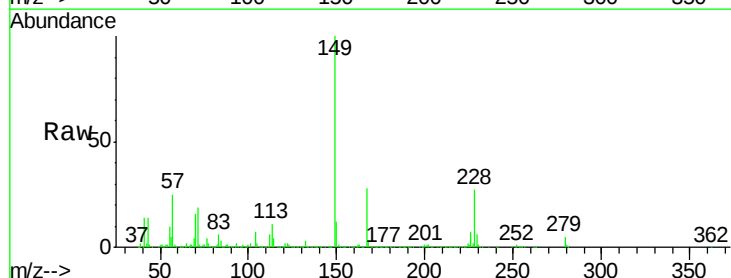
Tgt Ion:149 Resp: 1619155

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.6

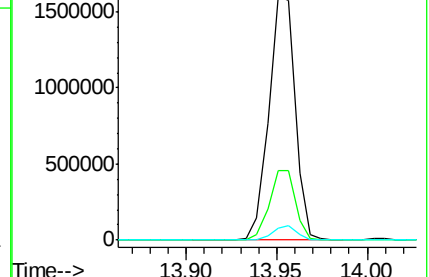
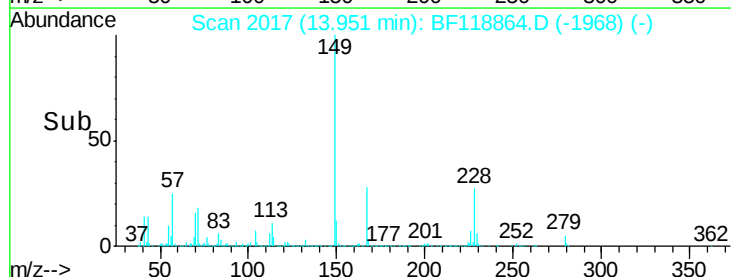
279 4.9 4.4 6.6

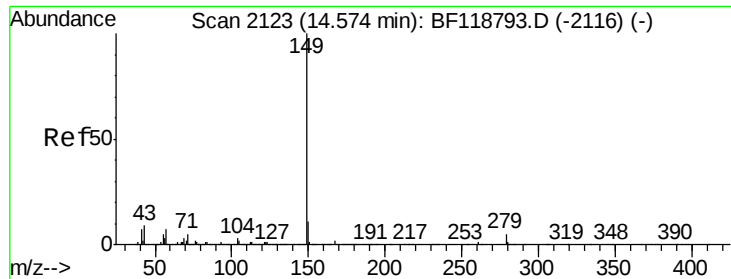


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

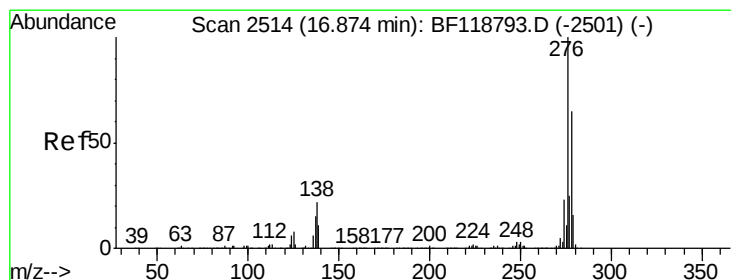
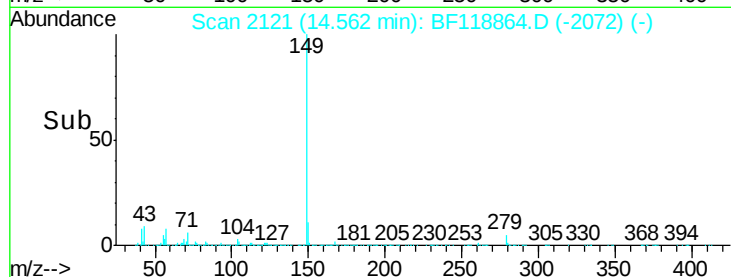
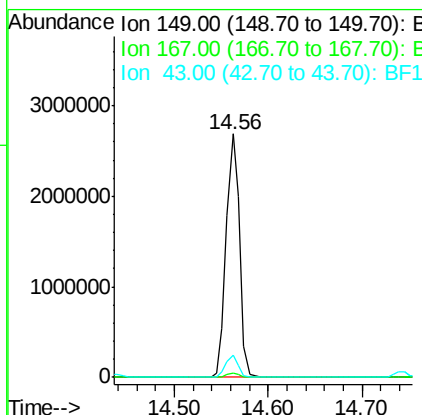
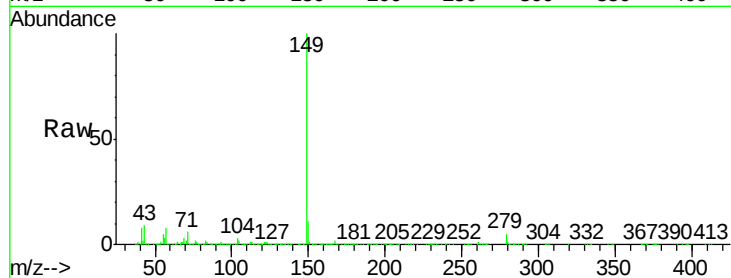




#85
Di-n-octyl phthalate
Concen: 41.265 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

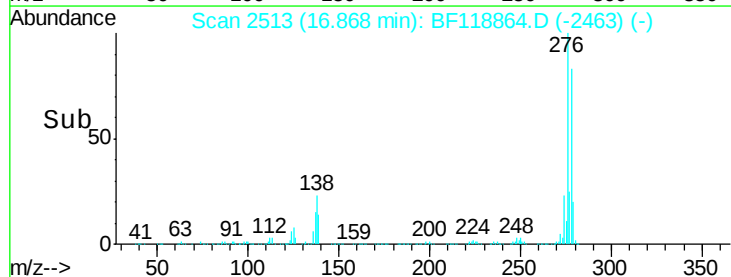
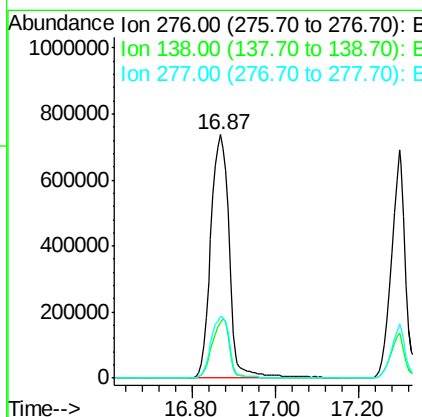
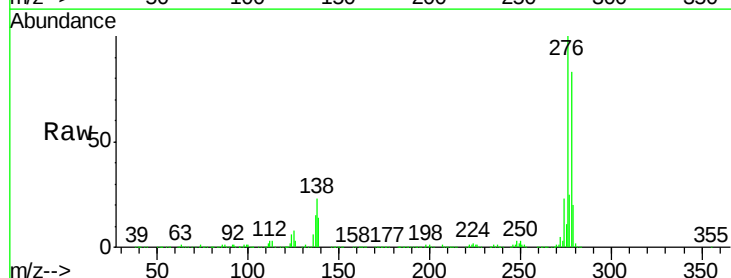
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

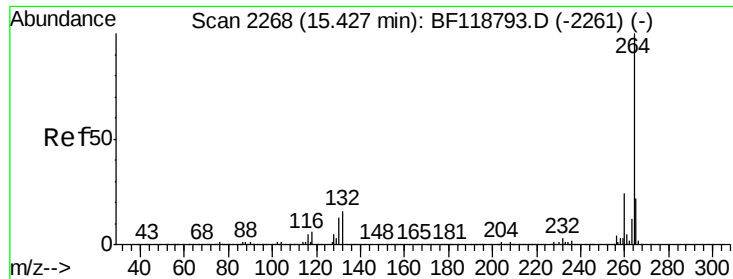
Tot Ion:149 Resp: 2649333
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.6 6.6 10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.044 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:276 Resp: 2266840
Ion Ratio Lower Upper
276 100
138 22.6 18.3 27.5
277 25.4 20.2 30.4

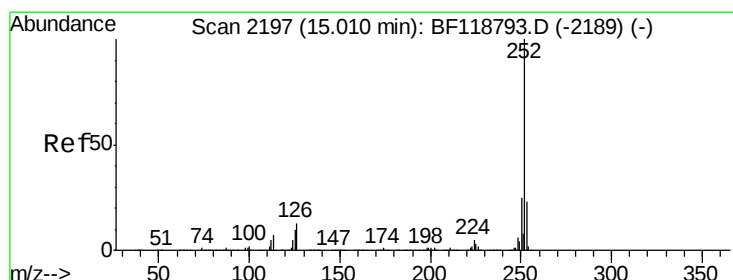
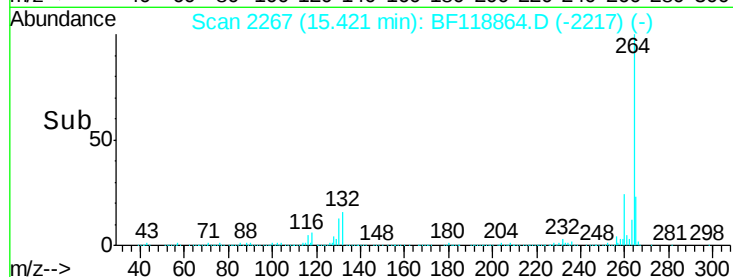
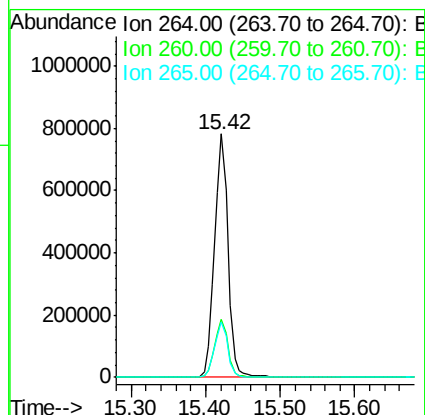
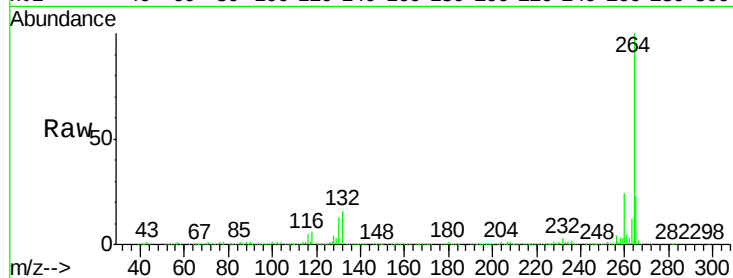




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

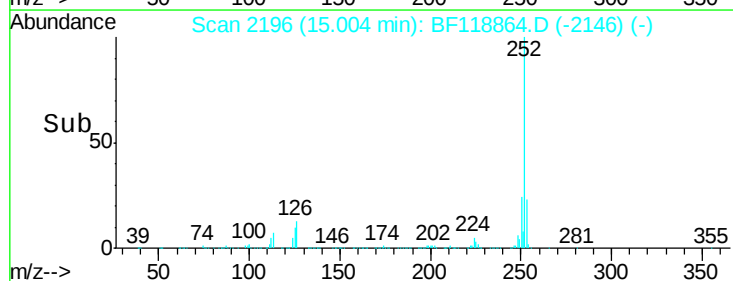
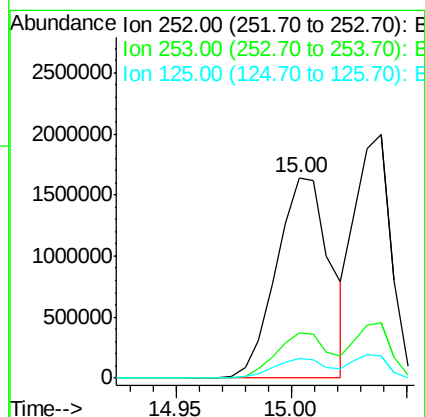
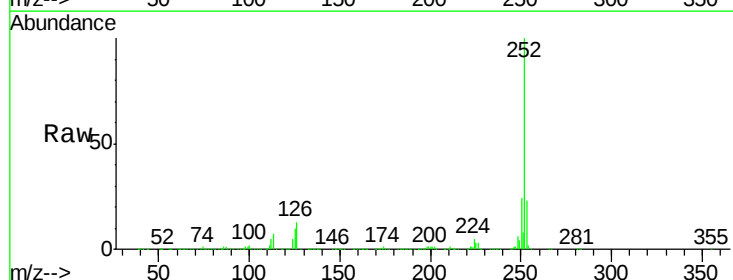
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

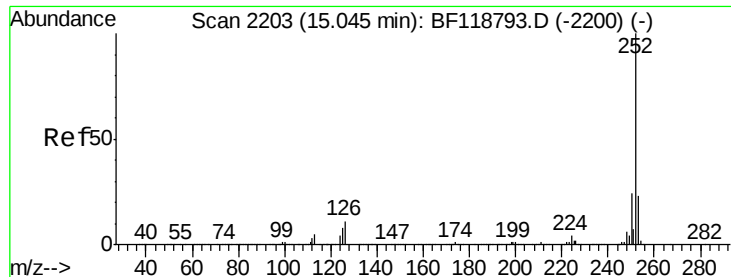
Tot Ion:264 Resp: 982274
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 22.5 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 43.386 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:252 Resp: 2644465
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 10.1 8.1 12.1

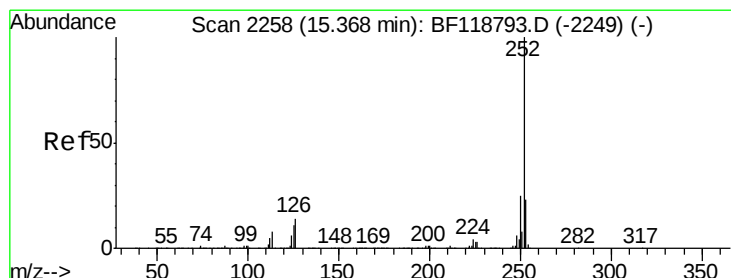
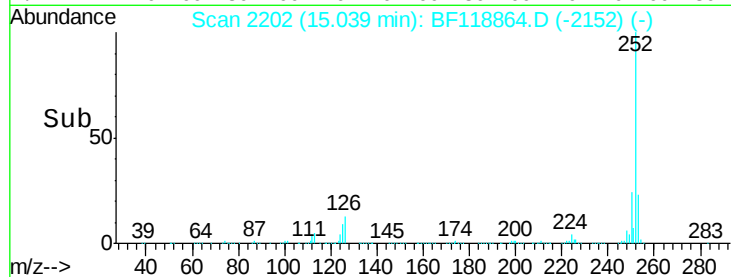
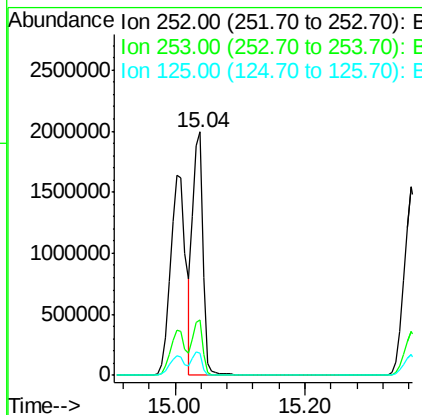
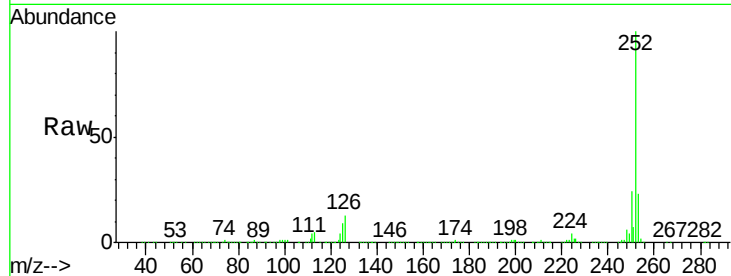




#89
Benzo(k)fluoranthene
Concen: 41.524 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

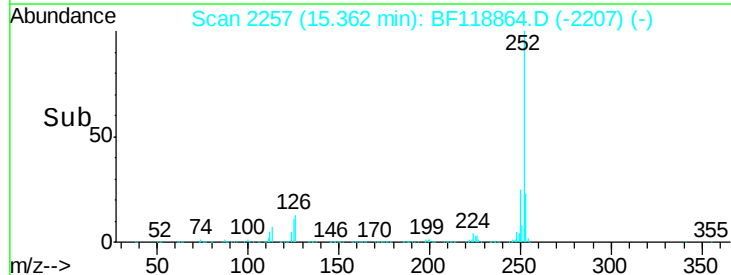
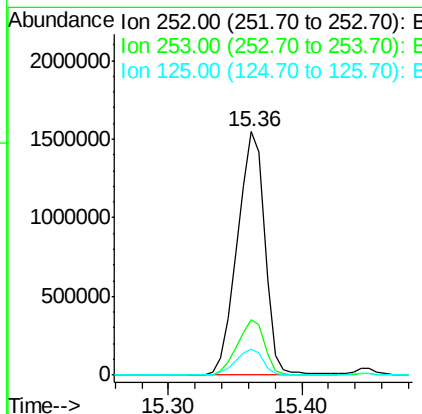
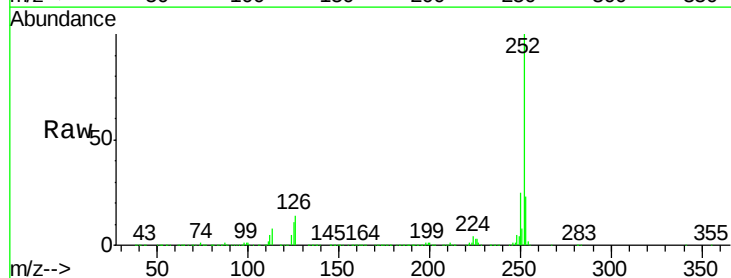
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

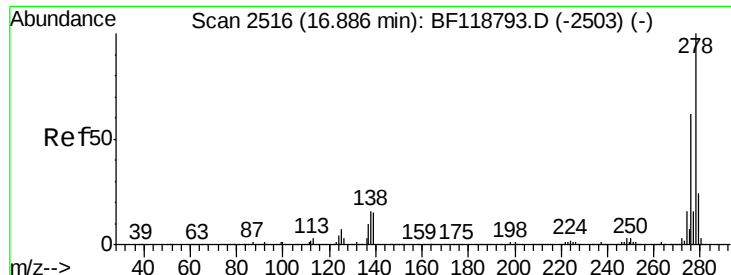
Tot Ion:252 Resp: 2203950
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 9.0 7.0 10.6



#90
Benzo(a)pyrene
Concen: 42.580 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:252 Resp: 2221125
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 10.8 8.7 13.1

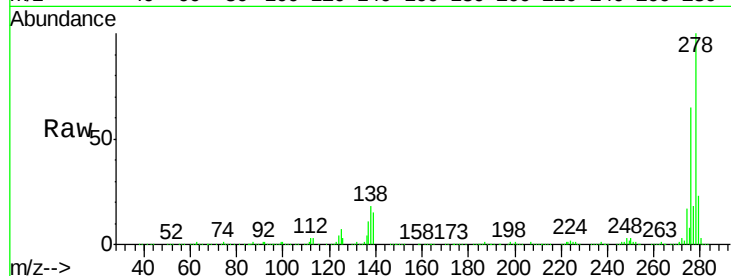




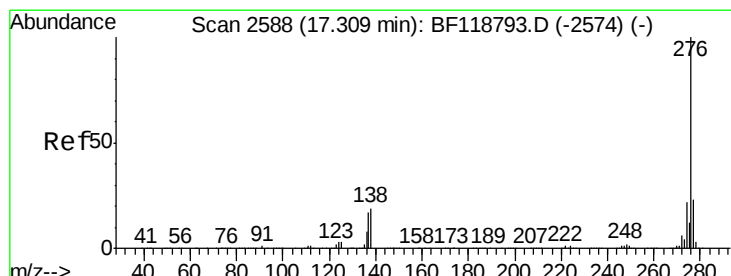
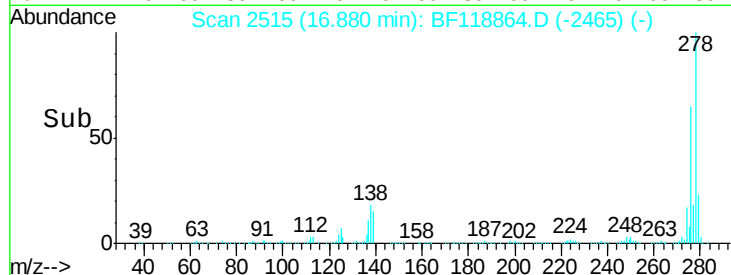
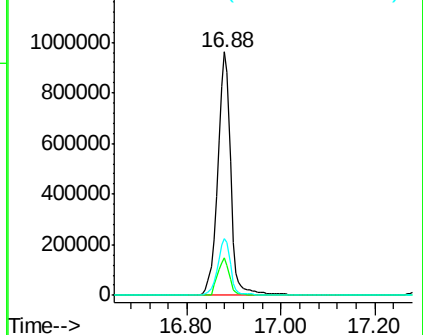
#91
Dibenzo(a,h)anthracene
Concen: 39.964 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1850623
Ion Ratio Lower Upper
278 100
139 15.2 12.3 18.5
279 23.3 19.1 28.7

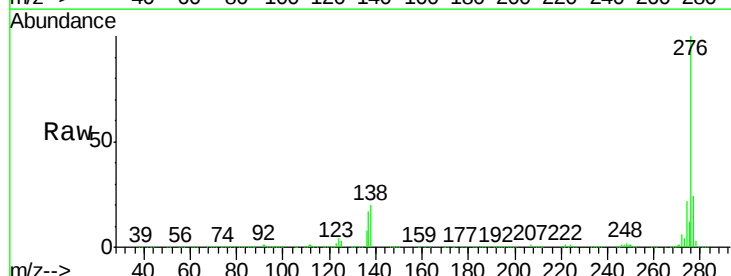


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.503 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BF118864.D
Acq: 10 Feb 2020 10:14

Tgt Ion:276 Resp: 1759225
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 19.7 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

