

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
 Data File : BF113909.D
 Acq On : 23 Apr 2019 6:09
 Operator : JU/SJ
 Sample : SSTDCCC40
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC40

Quant Time: Apr 23 06:42:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	114673	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	406391	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	199802	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	416129	20.00	ng	0.00
76) Chrysene-d12	14.06	240	381716	20.00	ng	0.00
87) Perylene-d12	15.54	264	288862	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	579398	86.42	ng	0.00
7) Phenol-d6	6.53	99	674442	80.18	ng	0.00
23) Nitrobenzene-d5	7.46	82	577864	87.80	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	210077	86.31	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1105359	86.53	ng	0.00
79) Terphenyl-d14	13.00	244	1570651	84.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	141565	44.792	ng	95
3) Pyridine	3.43	79	368515	42.718	ng	98
4) n-Nitrosodimethylamine	3.37	42	122796	41.583	ng	95
6) Aniline	6.56	93	458071	39.657	ng	99
8) 2-Chlorophenol	6.69	128	313951	41.014	ng	98
9) Benzaldehyde	6.45	77	197487	42.026	ng	96
10) Phenol	6.54	94	402578	40.023	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	304782	40.266	ng	96
12) 1,3-Dichlorobenzene	6.85	146	358789	41.386	ng	97
13) 1,4-Dichlorobenzene	6.92	146	356563	40.891	ng	99
14) 1,2-Dichlorobenzene	7.07	146	331952	41.423	ng	97
15) Benzyl Alcohol	7.03	79	226969	40.063	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	343128	38.834	ng	94
17) 2-Methylphenol	7.15	107	256578	38.239	ng	98
18) Hexachloroethane	7.42	117	89149	29.165	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	203734	37.400	ng	97
20) 3+4-Methylphenols	7.30	107	300471	39.635	ng	# 88
22) Acetophenone	7.30	105	386417	42.728	ng	96
24) Nitrobenzene	7.47	77	309712	42.586	ng	98
25) Isophorone	7.72	82	539167	40.034	ng	100
26) 2-Nitrophenol	7.79	139	111269	33.537	ng	95
27) 2,4-Dimethylphenol	7.83	122	215795	39.920	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	357329	41.638	ng	99
29) 2,4-Dichlorophenol	8.03	162	248296	40.167	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	286204	41.524	ng	98
31) Naphthalene	8.20	128	808352	41.871	ng	99
32) Benzoic acid	7.92	122	124234	34.032	ng	97
33) 4-Chloroaniline	8.25	127	326351	39.950	ng	98
34) Hexachlorobutadiene	8.33	225	184443	42.927	ng	98
35) Caprolactam	8.60	113	75563	38.427	ng	94
36) 4-Chloro-3-methylphenol	8.73	107	235289	38.420	ng	98
37) 2-Methylnaphthalene	8.89	142	517593	39.758	ng	99
38) 1-Methylnaphthalene	8.99	142	500020	39.794	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	278977	42.984	ng	99

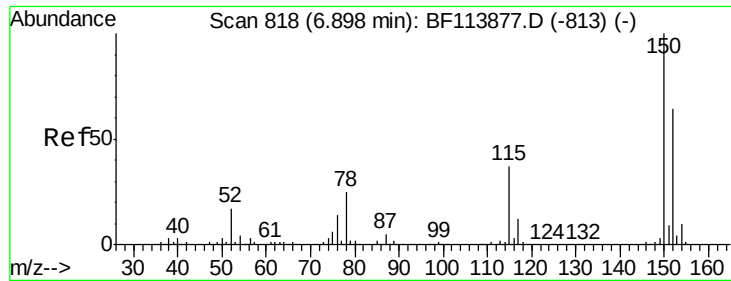
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
 Data File : BF113909.D
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 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.17	196	168263	40.828	ng	98
44) 2,4,5-Trichlorophenol	9.21	196	187963	40.662	ng	98
46) 1,1'-Biphenyl	9.36	154	650676	42.630	ng	99
47) 2-Chloronaphthalene	9.38	162	518146	41.744	ng	97
48) 2-Nitroaniline	9.47	65	155318	47.733	ng	97
49) Acenaphthylene	9.80	152	813238	41.850	ng	99
50) Dimethylphthalate	9.65	163	599958	41.520	ng	99
51) 2,6-Dinitrotoluene	9.71	165	108062	34.858	ng	96
52) Acenaphthene	9.97	154	453549	39.494	ng	97
53) 3-Nitroaniline	9.88	138	161445	49.559	ng	94
54) 2,4-Dinitrophenol	9.99	184	1253	9.156	ng	78
55) Dibenzofuran	10.14	168	723503	42.059	ng	99
56) 4-Nitrophenol	10.03	139	105616	40.948	ng	99
57) 2,4-Dinitrotoluene	10.12	165	128726	32.897	ng	95
58) Fluorene	10.49	166	543935	41.999	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	163674	40.291	ng	99
60) Diethylphthalate	10.35	149	574528	41.869	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	286749	41.807	ng	99
62) 4-Nitroaniline	10.49	138	166185	52.276	ng	94
63) Azobenzene	10.63	77	532125	40.012	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	3071	8.673	ng	97
66) n-Nitrosodiphenylamine	10.59	169	485914	38.917	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	195101	38.811	ng	99
68) Hexachlorobenzene	11.04	284	218749	39.599	ng	96
69) Atrazine	11.12	200	135234	33.294	ng	98
70) Pentachlorophenol	11.23	266	126808	40.543	ng	95
71) Phenanthrene	11.45	178	887039	42.416	ng	100
72) Anthracene	11.50	178	905111	42.859	ng	99
73) Carbazole	11.64	167	835398	44.340	ng	99
74) Di-n-butylphthalate	11.98	149	970004	43.767	ng	99
75) Fluoranthene	12.63	202	1045552	45.825	ng	99
77) Benzidine	12.75	184	745339	65.533	ng	99
78) Pyrene	12.86	202	1058375	39.648	ng	99
80) Butylbenzylphthalate	13.47	149	454594	43.284	ng	98
81) Benzo(a)anthracene	14.05	228	912869	40.590	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	408836	49.596	ng	# 98
83) Chrysene	14.09	228	888158	40.549	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	631941	47.291	ng	99
85) Di-n-octyl phthalate	14.65	149	1028196	49.159	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	682438	32.893	ng	98
88) Benzo(b)fluoranthene	15.11	252	726498	39.751	ng	100
89) Benzo(k)fluoranthene	15.14	252	689923	43.886	ng	99
90) Benzo(a)pyrene	15.48	252	633705	40.088	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	574000	38.681	ng	98
92) Benzo(g,h,i)perylene	17.49	276	544786	36.379	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

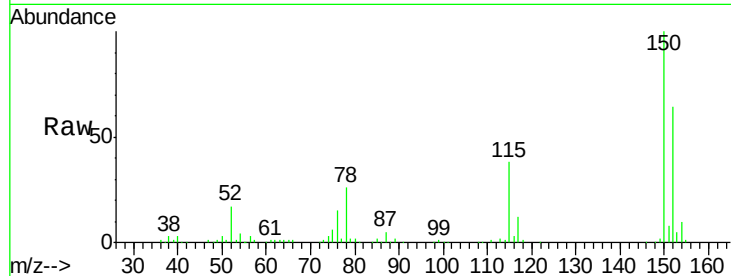
Tot Ion:152 Resp: 114673

Ion Ratio Lower Upper

152 100

150 156.8 125.9 188.9

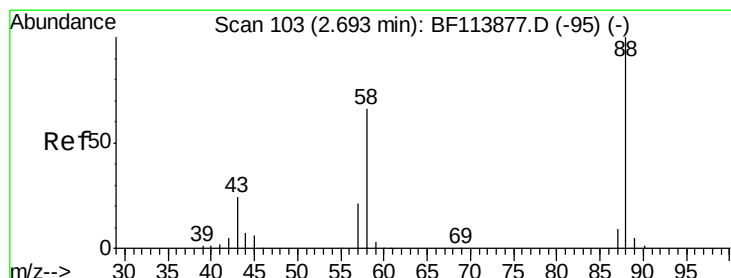
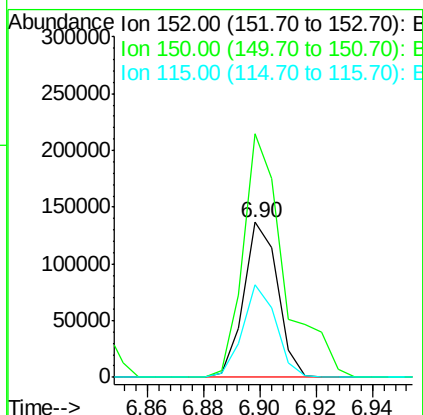
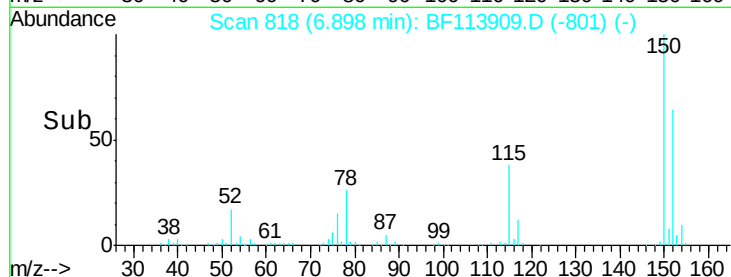
115 59.6 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.792 ng

RT: 2.66 min Scan# 98

Delta R.T. -0.03 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

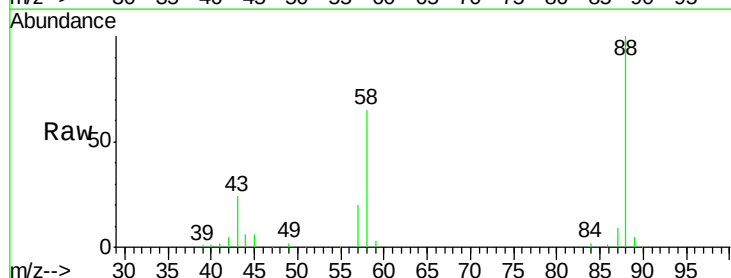
Tgt Ion: 88 Resp: 141565

Ion Ratio Lower Upper

88 100

58 61.8 53.3 79.9

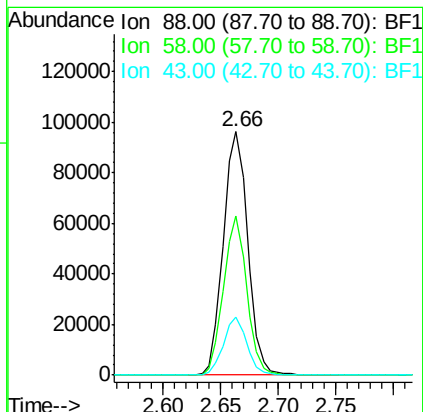
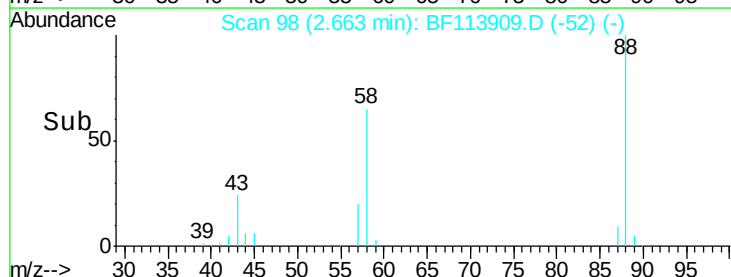
43 22.8 19.0 28.4

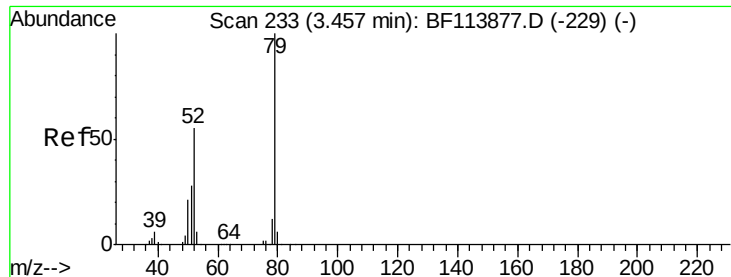


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



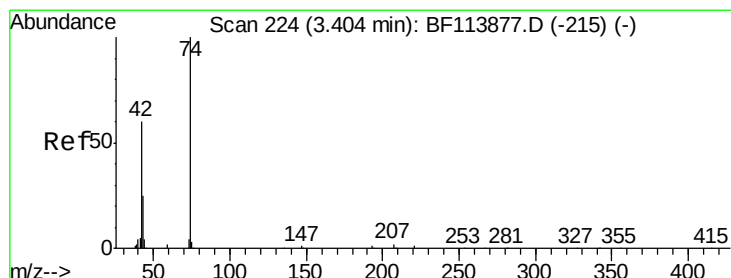
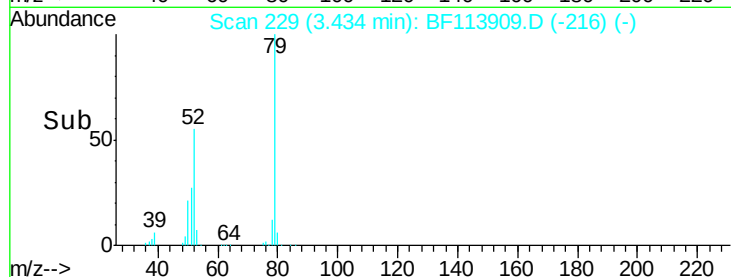
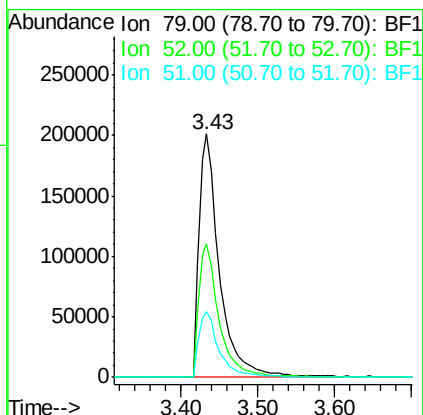
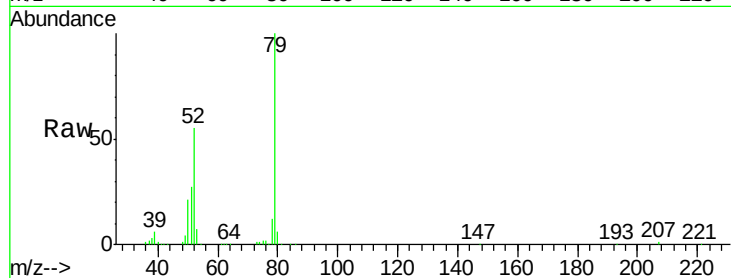


#3
 Pvridine
 Concen: 42.718 ng
 RT: 3.43 min Scan# 229
 Delta R.T. -0.02 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 368515

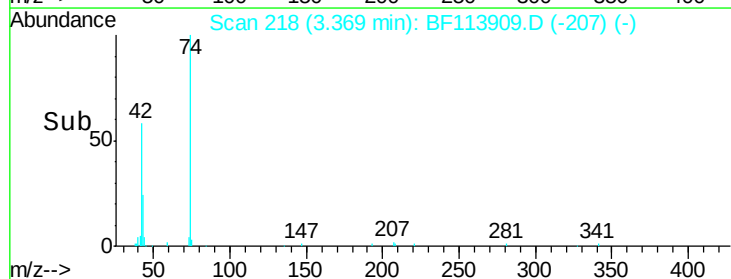
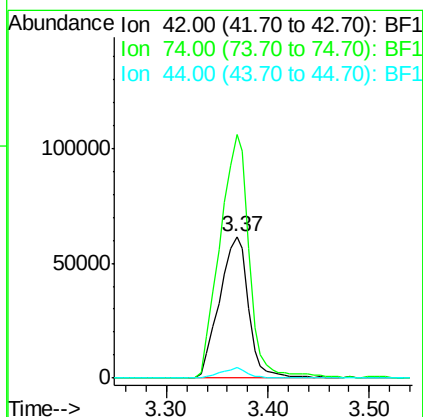
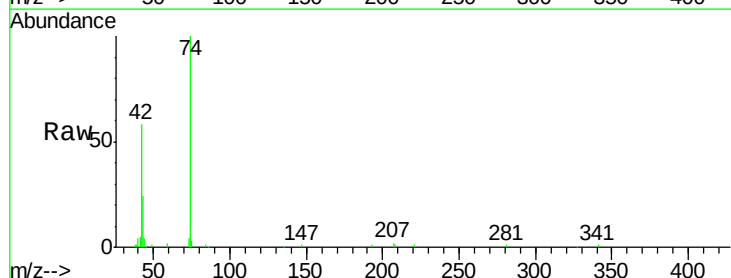
Ion	Ratio	Lower	Upper
79	100		
52	55.0	45.3	67.9
51	27.2	22.1	33.1

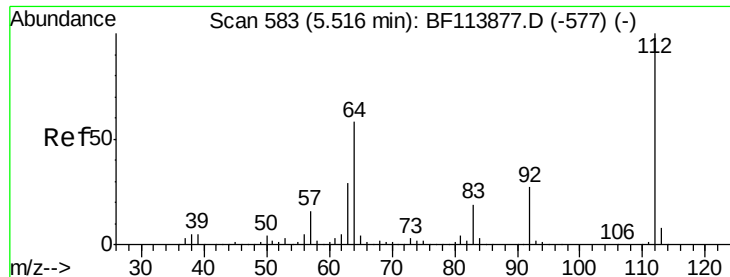


#4
 n-Nitrosodimethylamine
 Concen: 41.583 ng
 RT: 3.37 min Scan# 218
 Delta R.T. -0.04 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion: 42 Resp: 122796

Ion	Ratio	Lower	Upper
42	100		
74	172.4	132.6	198.8
44	7.1	5.8	8.8





#5

2-Fluorophenol

Concen: 86.418 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

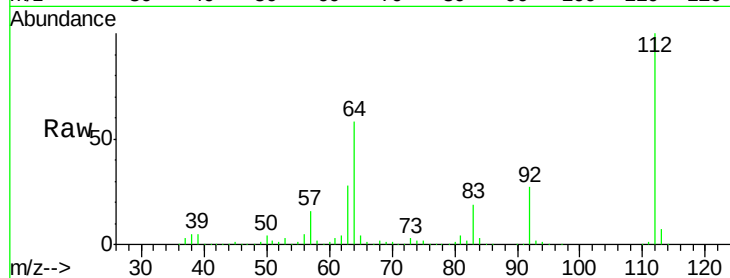
Tot Ion: 112 Resp: 579398

Ion Ratio Lower Upper

112 100

64 58.1 46.6 69.8

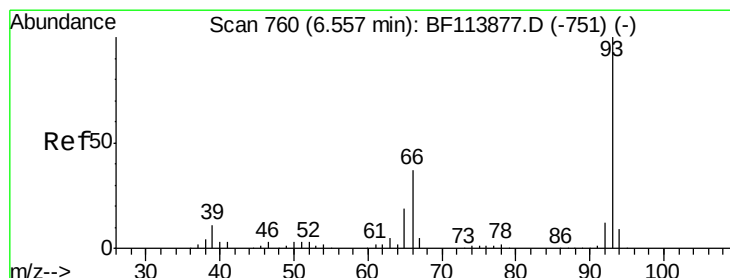
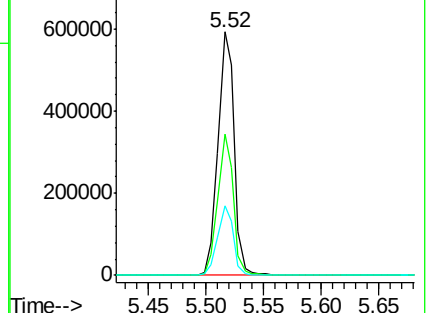
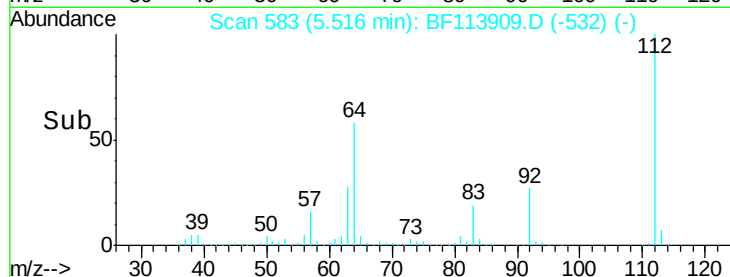
63 28.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.657 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

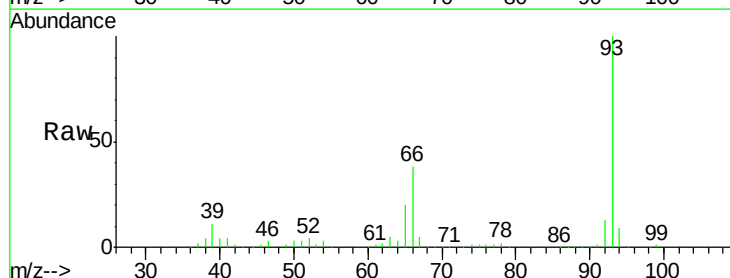
Tgt Ion: 93 Resp: 458071

Ion Ratio Lower Upper

93 100

66 37.8 29.8 44.6

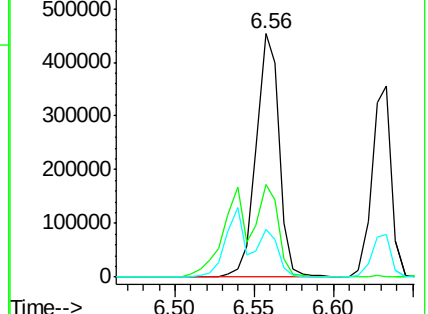
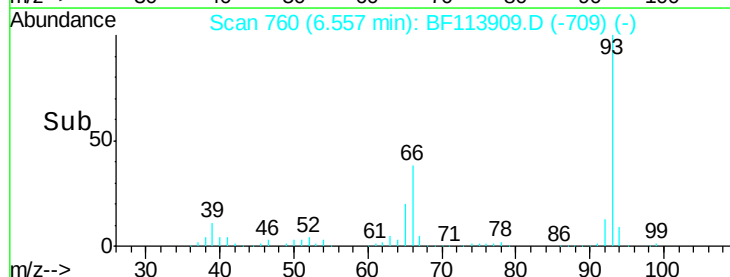
65 19.5 14.9 22.3

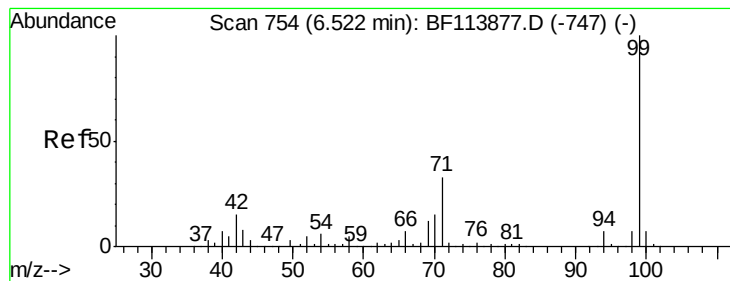


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.179 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

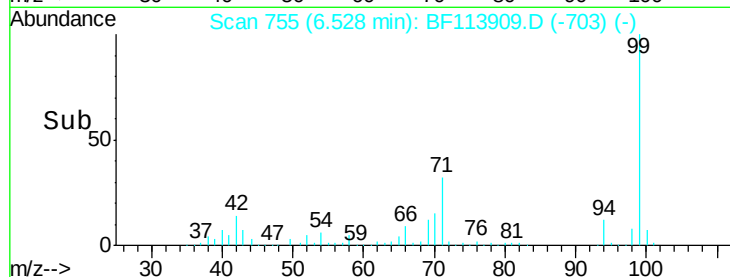
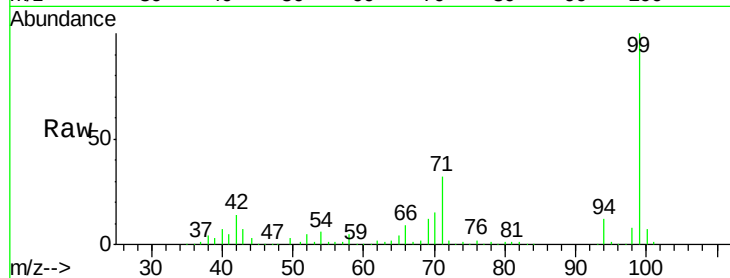
Tot Ion: 99 Resp: 674442

Ion Ratio Lower Upper

99 100

42 14.1 12.5 18.7

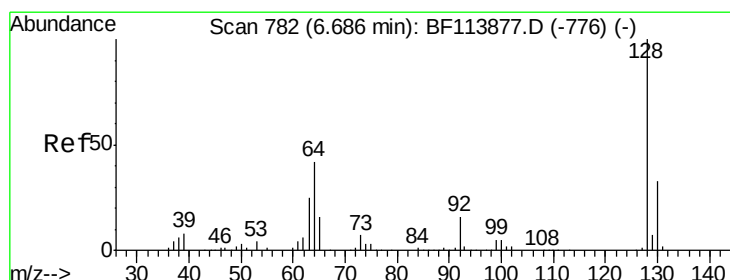
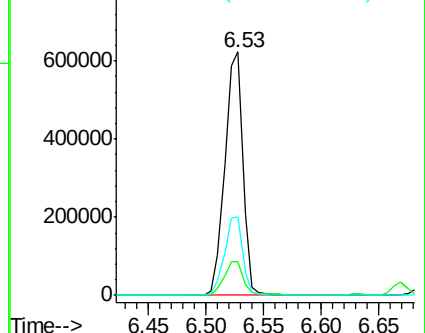
71 32.1 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.014 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

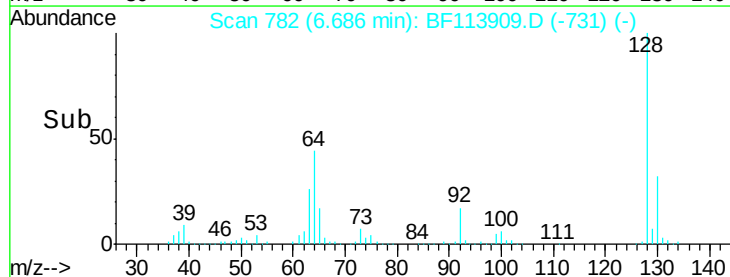
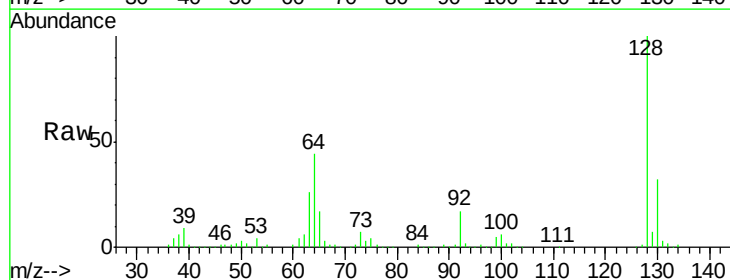
Tgt Ion: 128 Resp: 313951

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

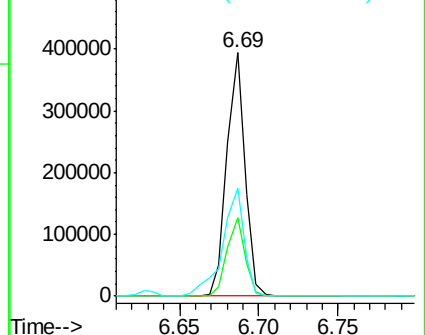
64 44.1 26.1 66.1

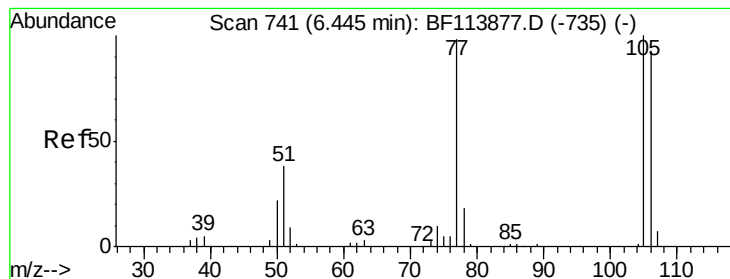


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.026 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

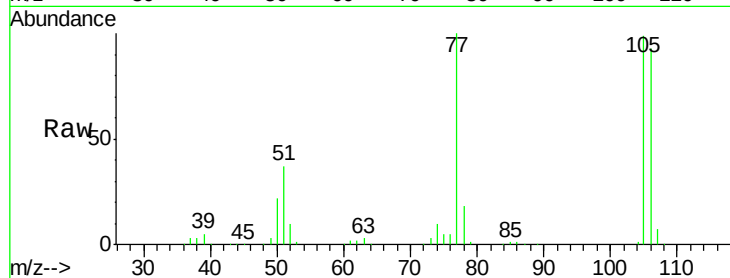
Tot Ion: 77 Resp: 197487

Ion Ratio Lower Upper

77 100

105 98.6 74.1 114.1

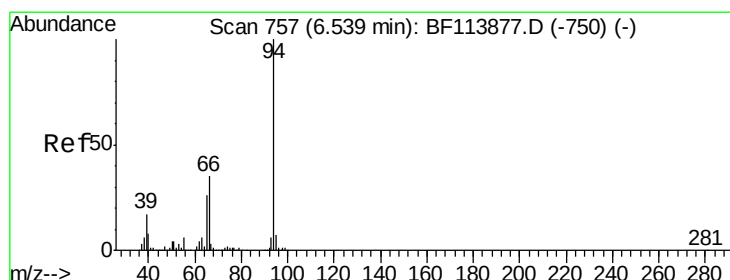
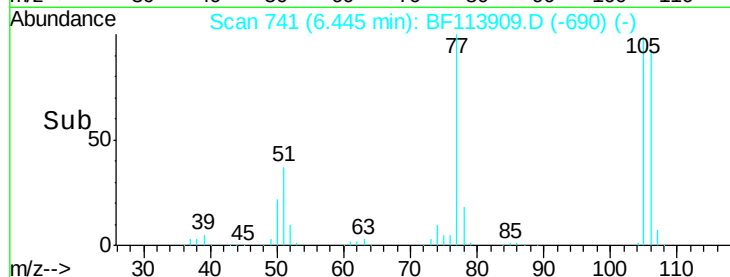
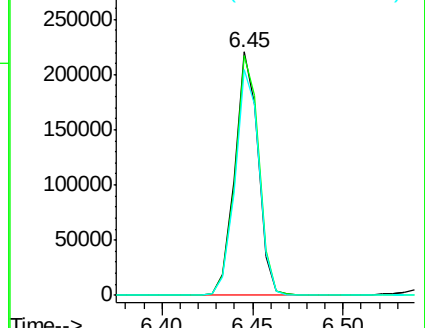
106 92.9 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.023 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

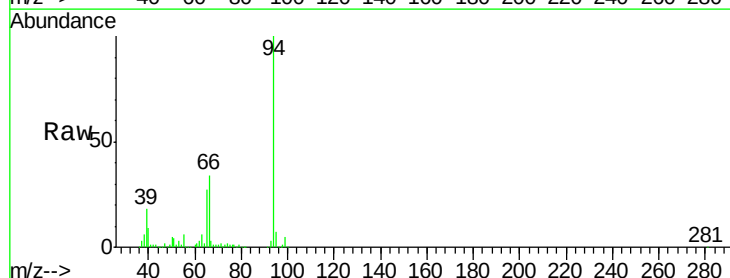
Tgt Ion: 94 Resp: 402578

Ion Ratio Lower Upper

94 100

65 26.5 8.1 48.1

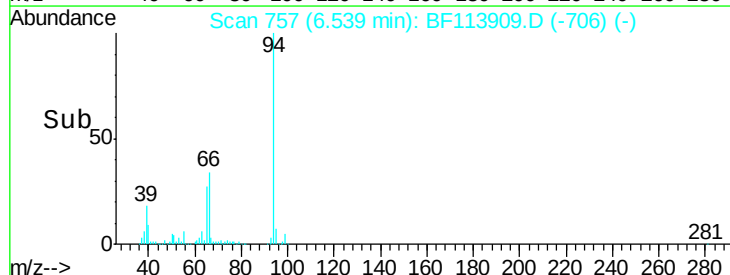
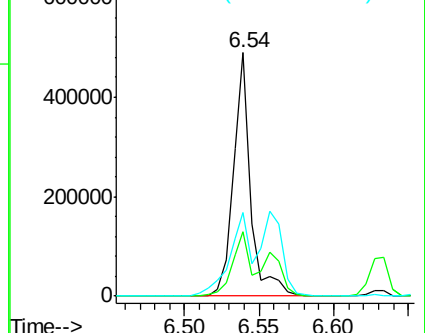
66 34.3 16.6 56.6

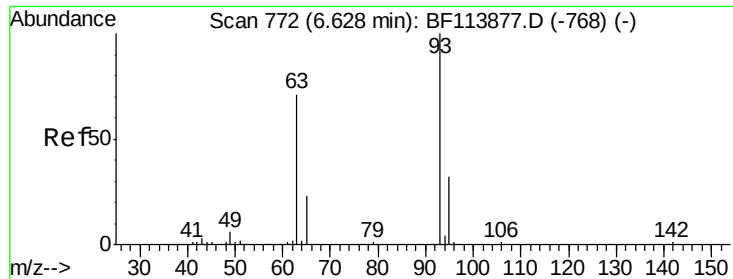


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

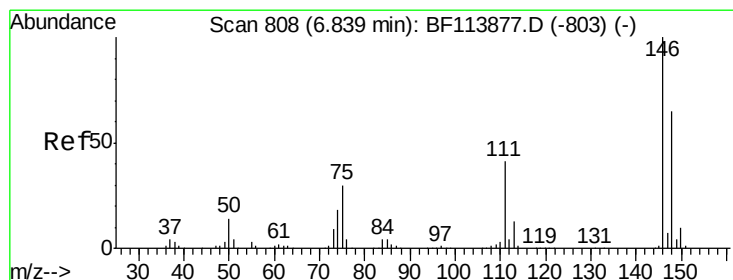
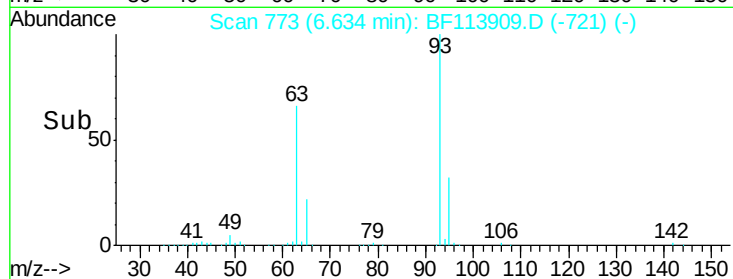
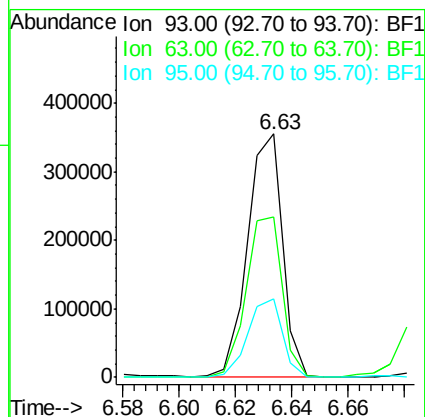
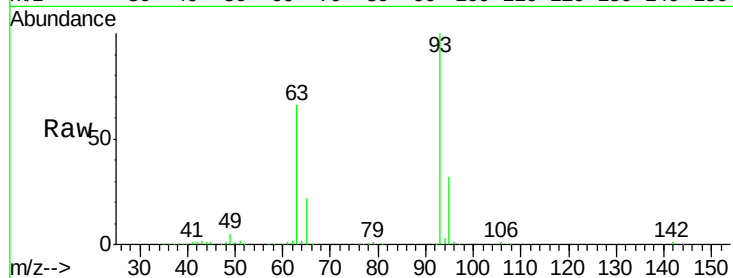




#11
 bis(2-Chloroethyl)ether
 Concen: 40.266 ng
 RT: 6.63 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

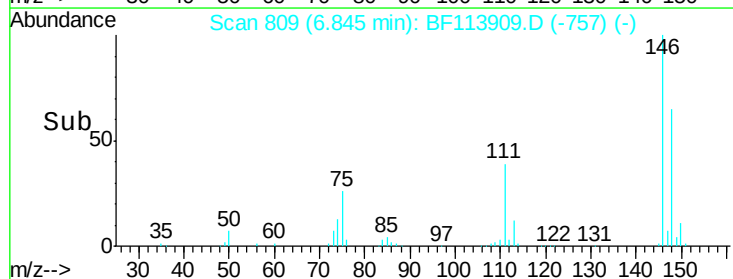
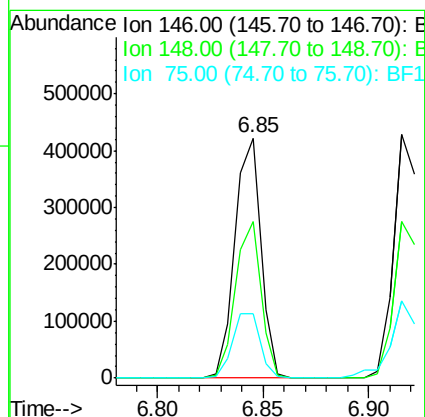
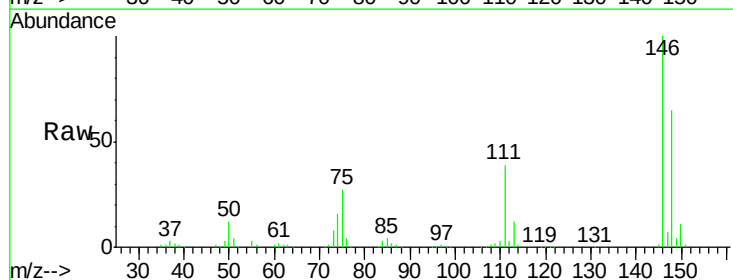
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

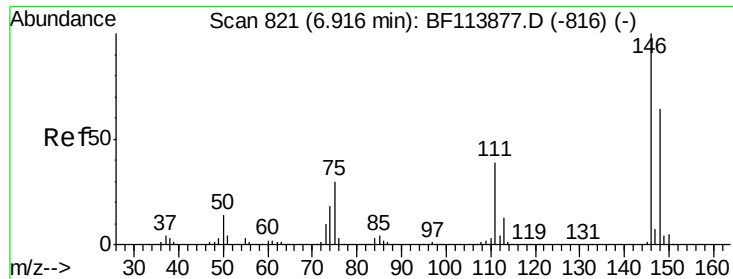
Tot Ion: 93 Resp: 304782
 Ion Ratio Lower Upper
 93 100
 63 65.7 50.7 90.7
 95 32.1 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 41.386 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion: 146 Resp: 358789
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.0 76.6
 75 27.1 23.8 35.8

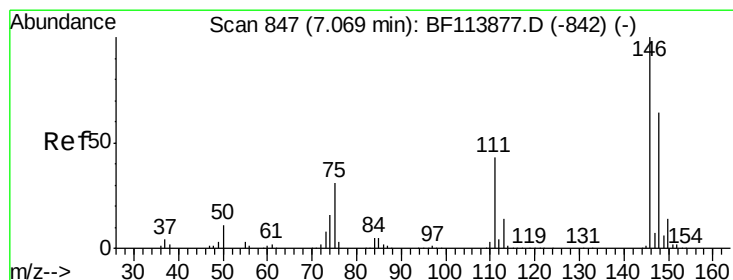
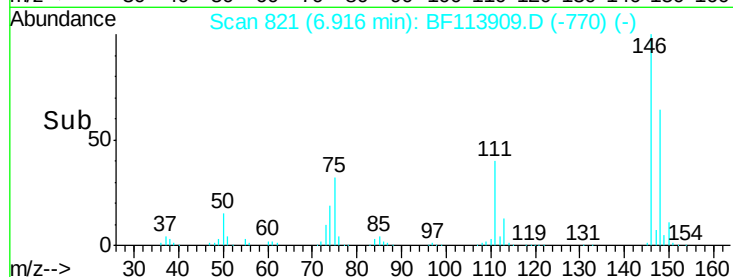
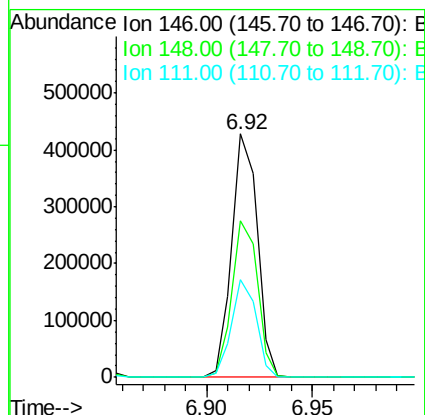
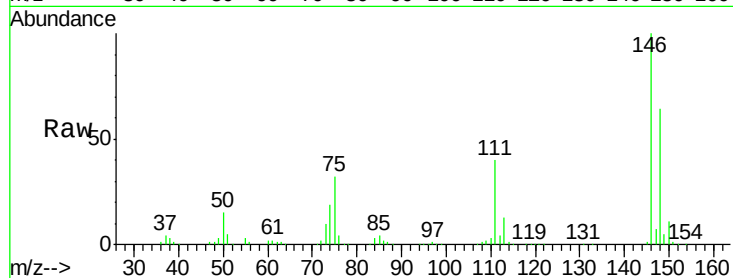




#13
 1,4-Dichlorobenzene
 Concen: 40.891 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

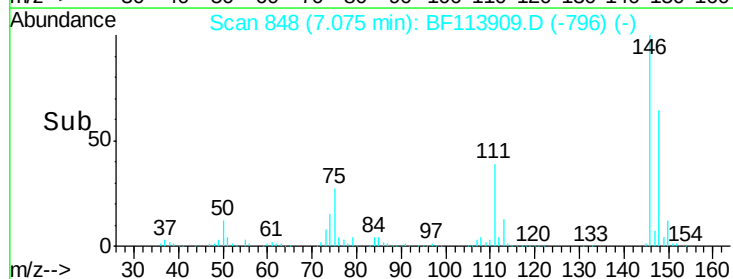
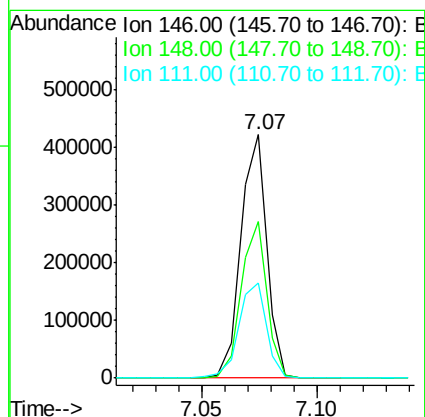
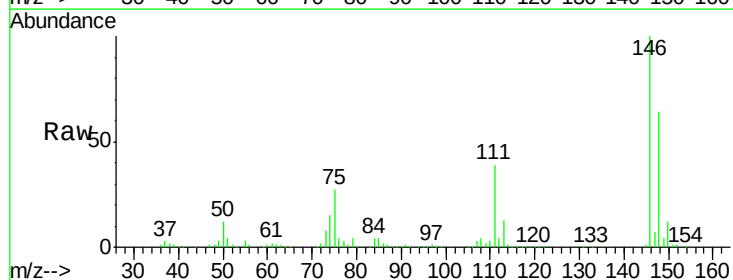
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

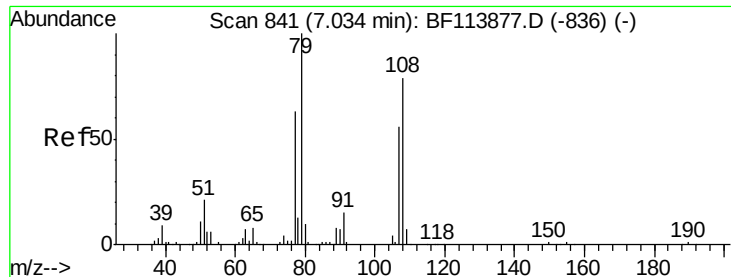
Tot Ion:146 Resp: 356563
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.8
 111 40.2 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 41.423 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion:146 Resp: 331952
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.1 78.1
 111 39.1 34.2 51.4





#15

Benzyl Alcohol

Concen: 40.063 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

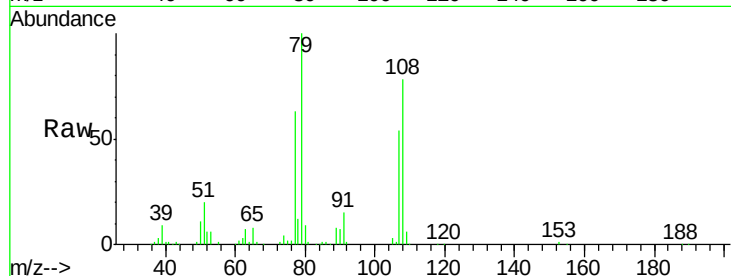
Tot Ion: 79 Resp: 226969

Ion Ratio Lower Upper

79 100

108 77.8 61.4 92.0

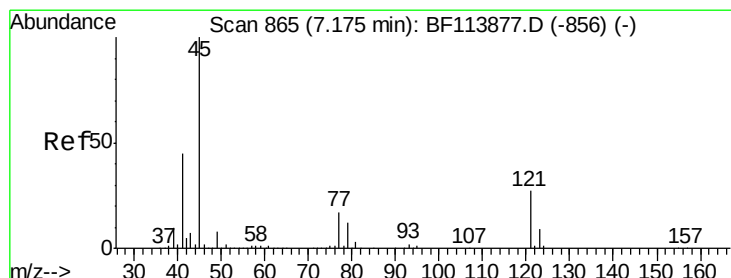
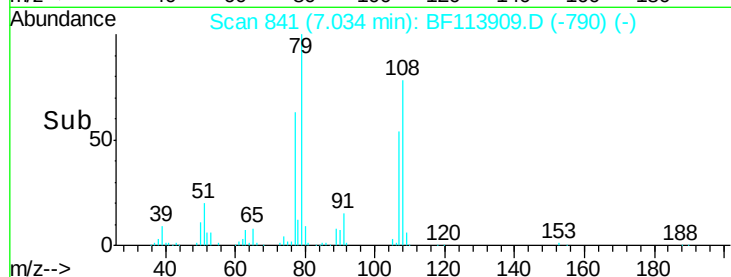
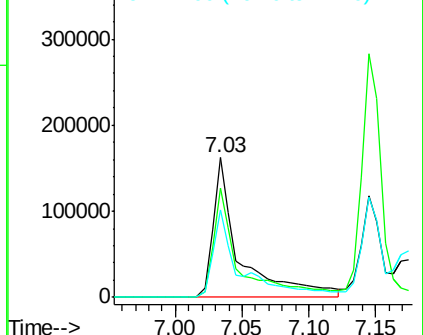
77 62.8 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.834 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

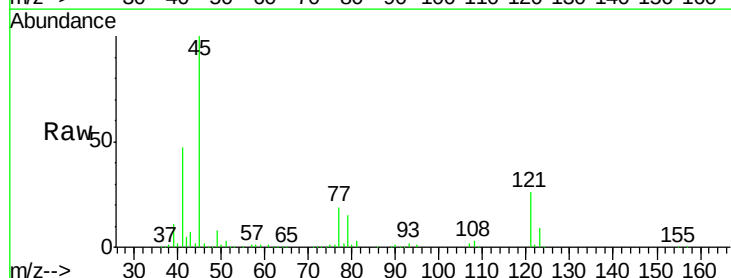
Tgt Ion: 45 Resp: 343128

Ion Ratio Lower Upper

45 100

77 19.1 0.0 37.0

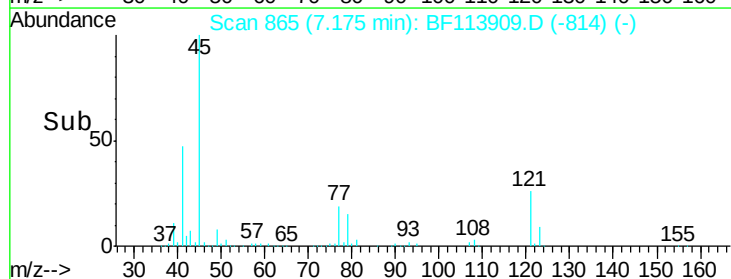
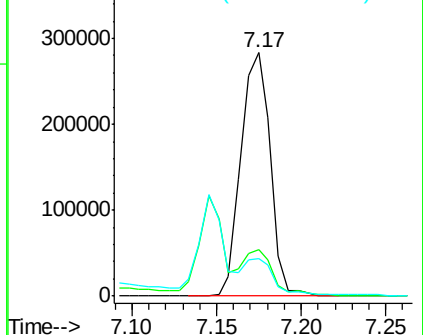
79 15.5 0.0 32.7

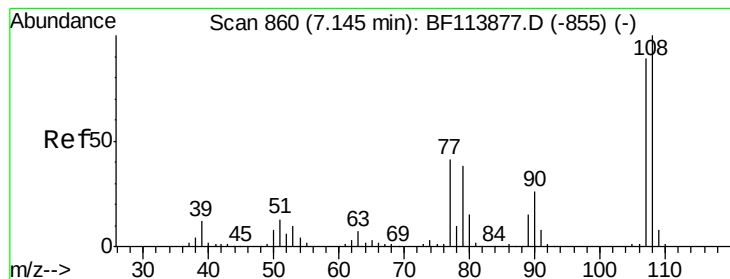


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.239 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 256578

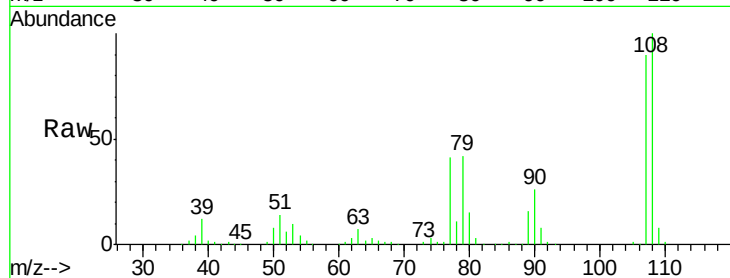
Ion Ratio Lower Upper

107 100

108 111.3 91.5 137.3

77 45.8 36.2 54.4

79 46.3 35.4 53.0

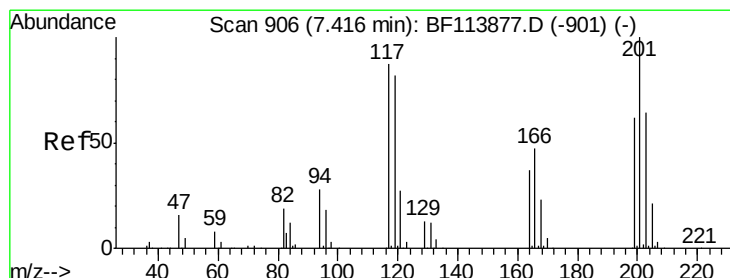
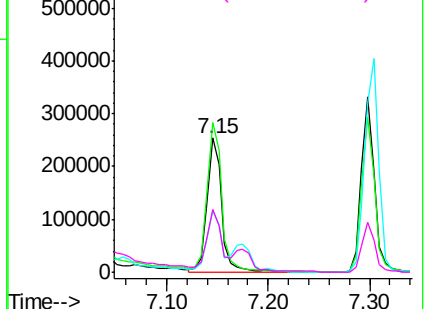
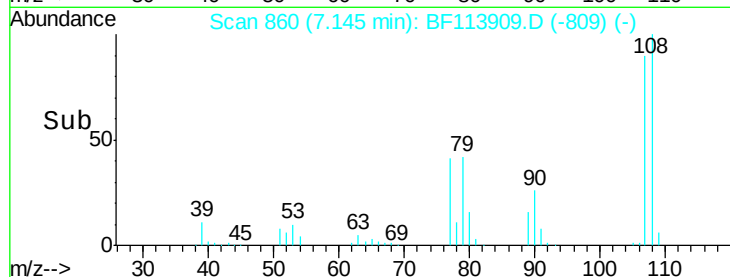


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.165 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

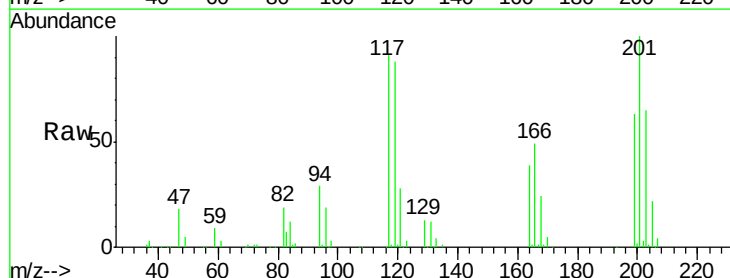
Tgt Ion:117 Resp: 89149

Ion Ratio Lower Upper

117 100

119 96.4 74.4 111.6

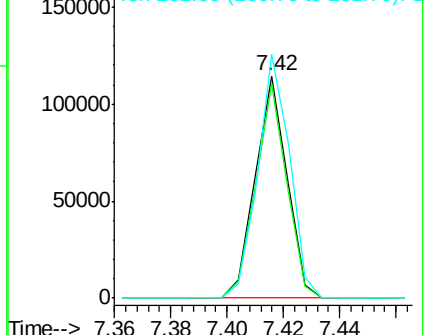
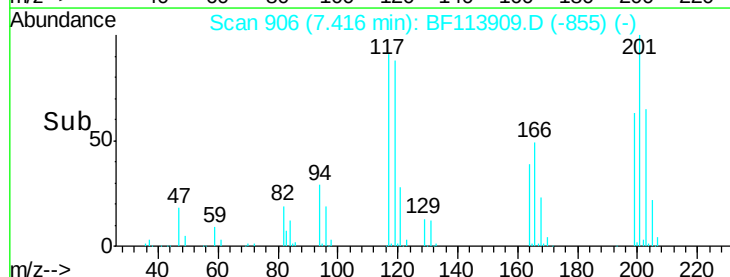
201 109.5 90.2 135.2

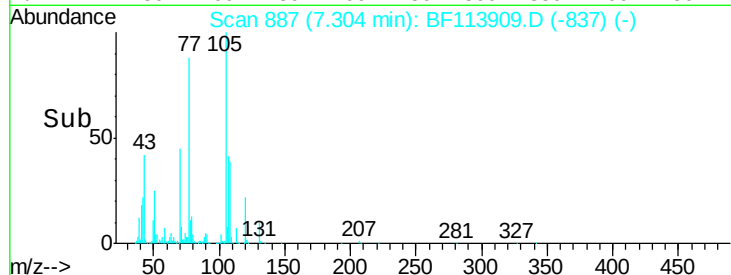
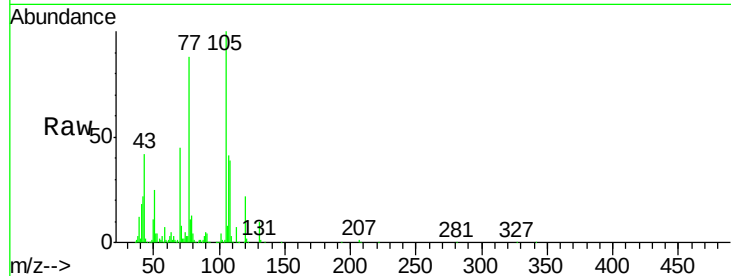
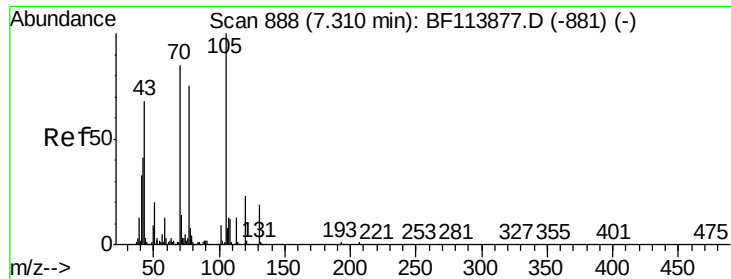


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

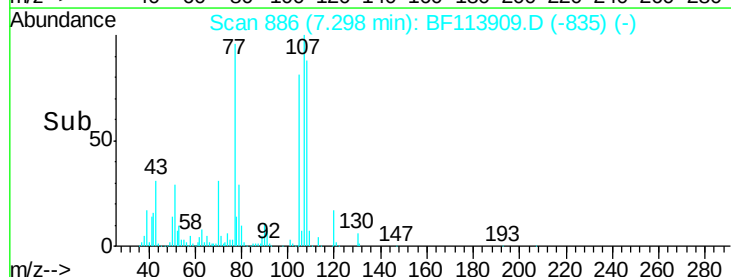
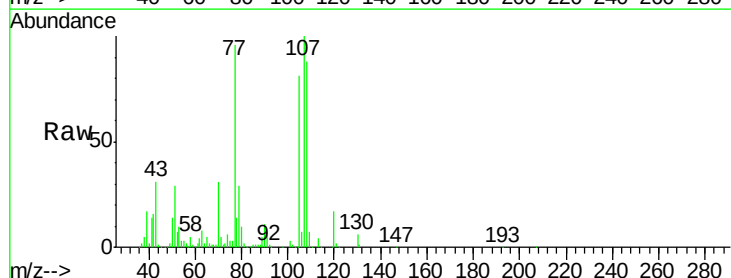
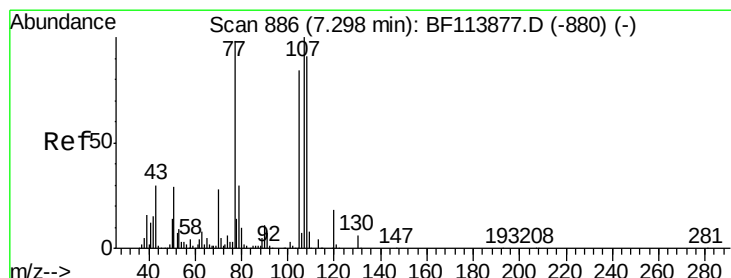
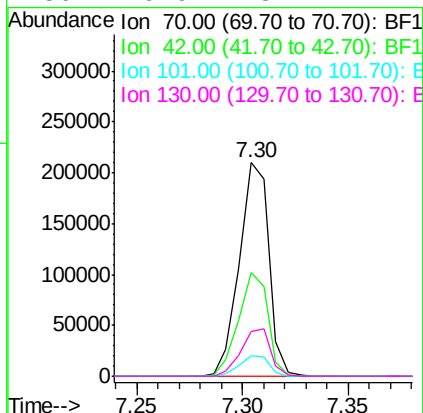




#19
n-Nitroso-di-n-propylamine
Concen: 37.400 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

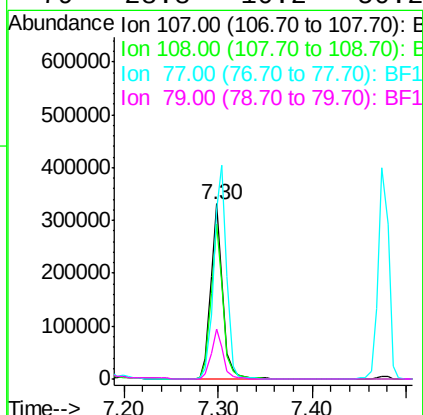
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

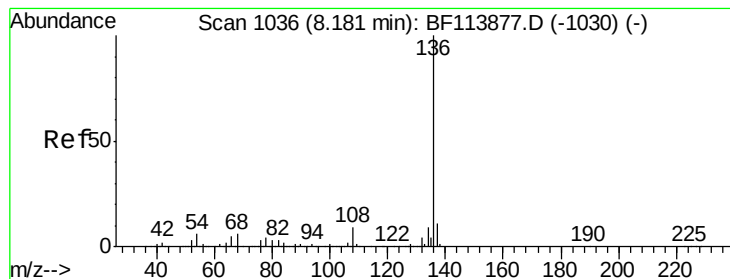
Tot Ion:	70	Resp:	203734
Ion	Ratio	Lower	Upper
70	100		
42	48.8	37.3	55.9
101	9.6	7.8	11.8
130	20.9	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.635 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Tgt Ion:	107	Resp:	300471
Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.1	110.1
77	96.1	52.9	92.9
79	28.8	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 406391

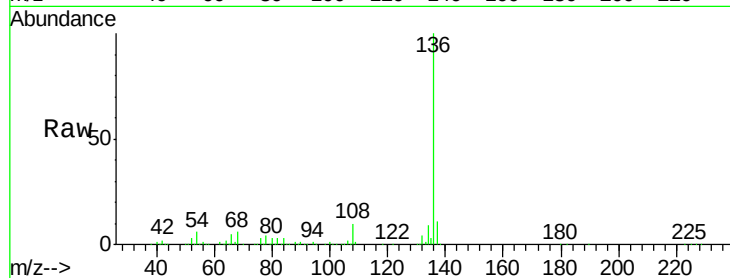
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.4 5.0 7.6

68 6.3 4.9 7.3

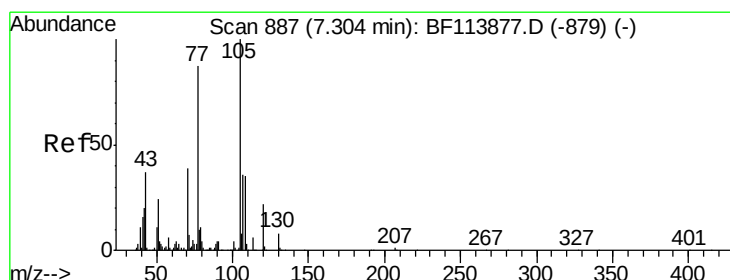
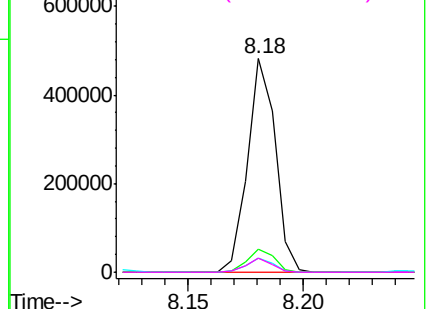
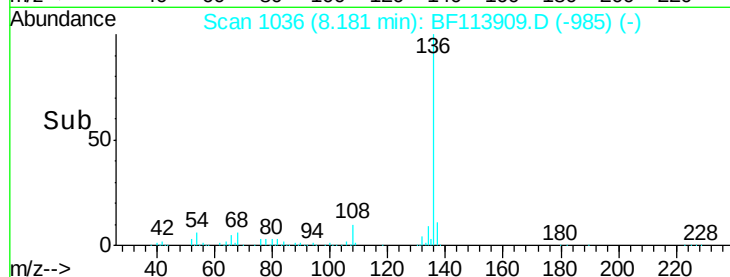


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.728 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Tgt Ion:105 Resp: 386417

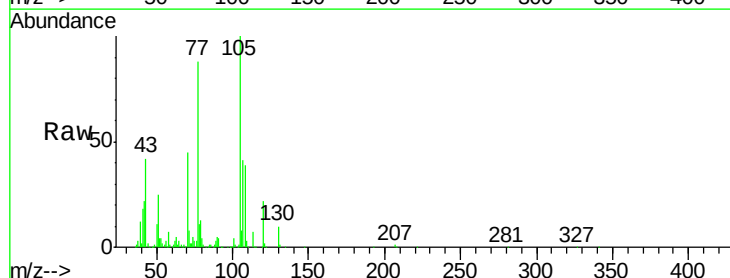
Ion Ratio Lower Upper

105 100

71 7.7 6.1 9.1

51 25.1 16.8 25.2

120 21.9 17.6 26.4

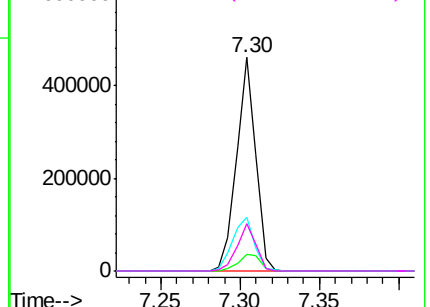
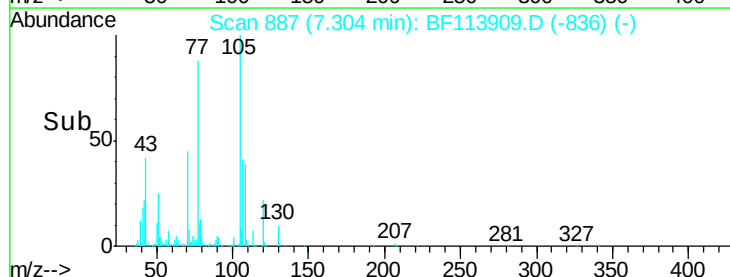


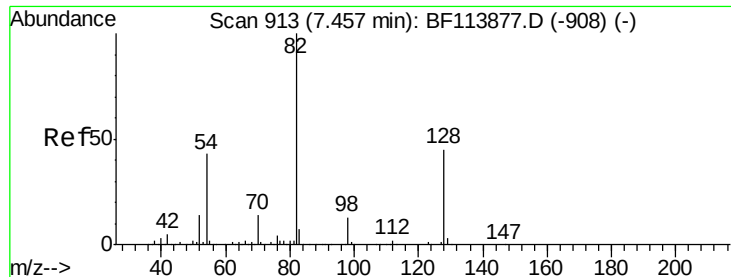
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

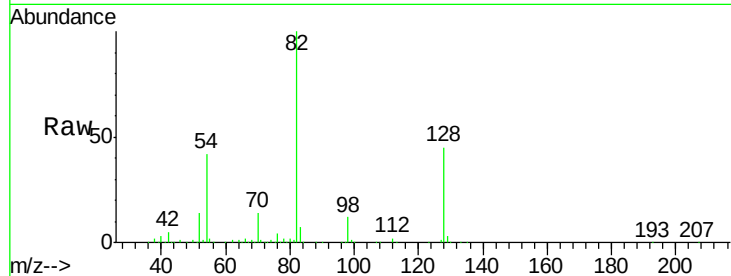




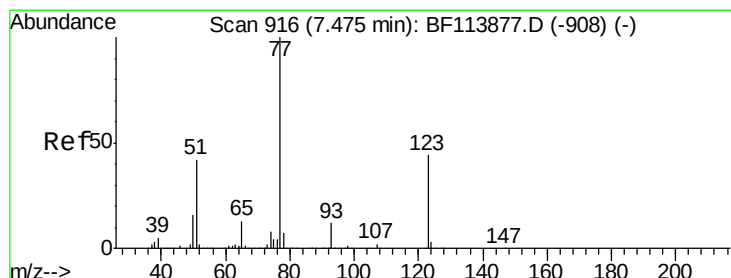
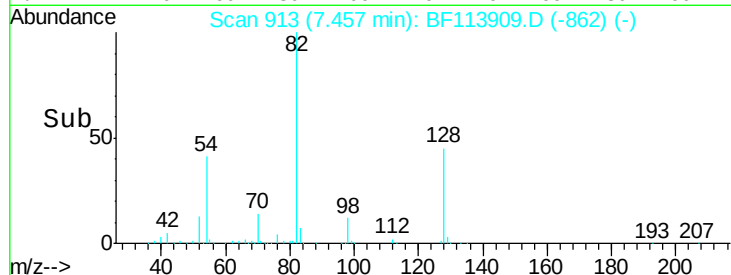
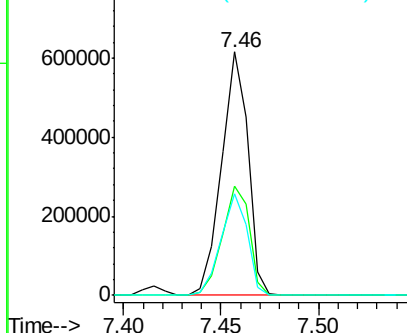
#23
 Nitrobenzene-d5
 Concen: 87.796 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 577864
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.8 55.2
 54 41.6 33.8 50.6

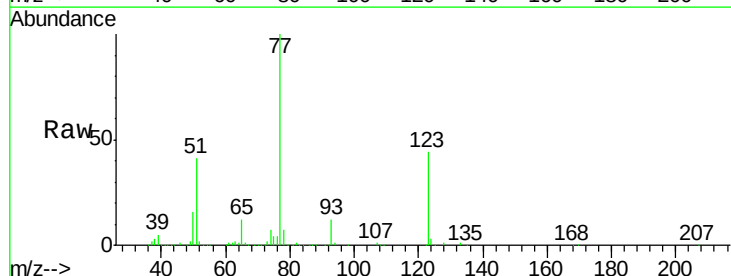


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

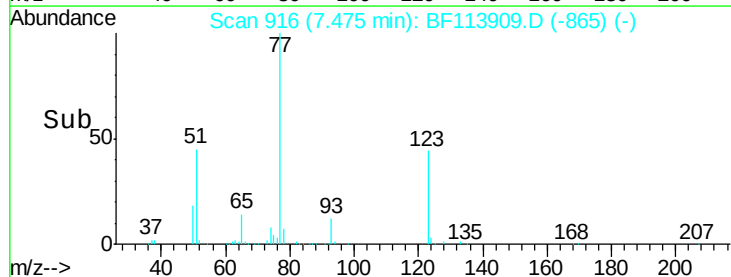
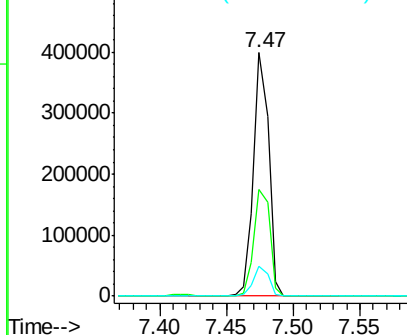


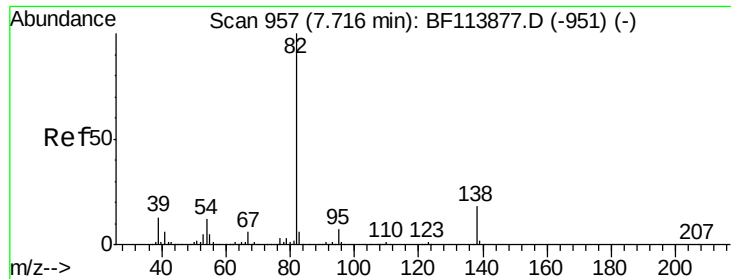
#24
 Nitrobenzene
 Concen: 42.586 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion: 77 Resp: 309712
 Ion Ratio Lower Upper
 77 100
 123 43.9 36.3 54.5
 65 12.2 10.3 15.5



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: 40.034 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

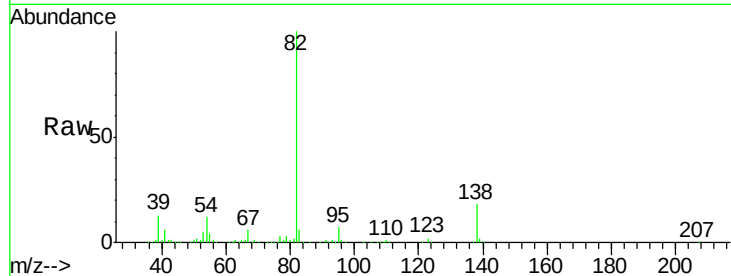
Tot Ion: 82 Resp: 539167

Ion Ratio Lower Upper

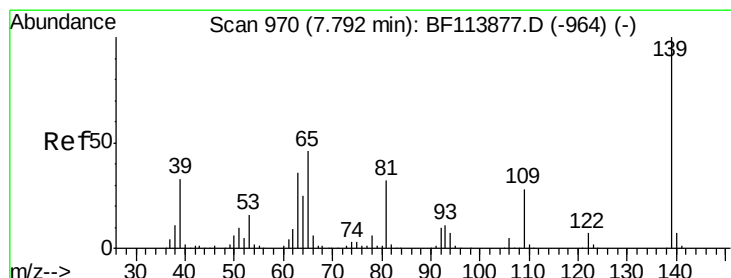
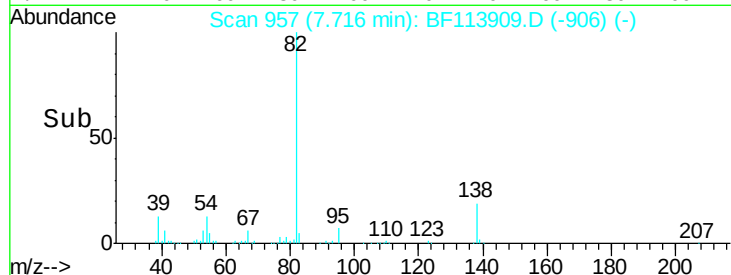
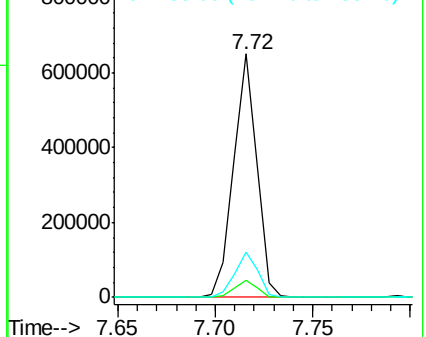
82 100

95 6.9 5.4 8.2

138 18.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 33.537 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

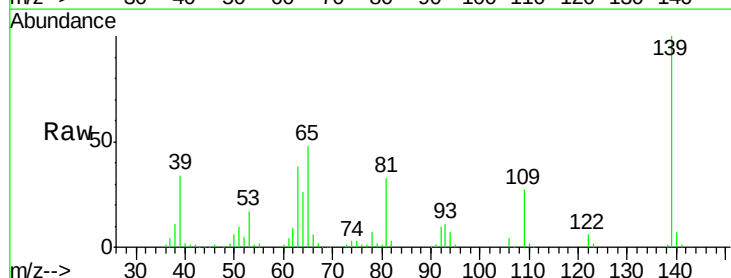
Tgt Ion: 139 Resp: 111269

Ion Ratio Lower Upper

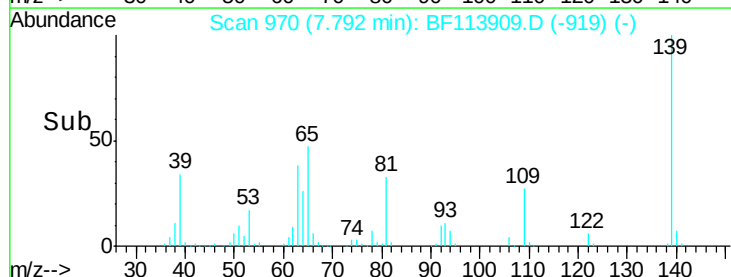
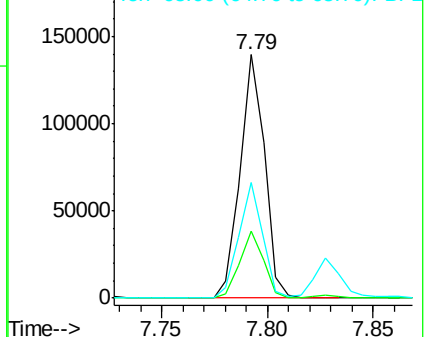
139 100

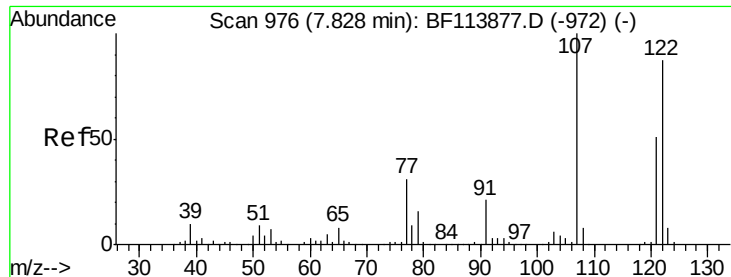
109 27.3 20.6 31.0

65 47.5 34.6 52.0



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

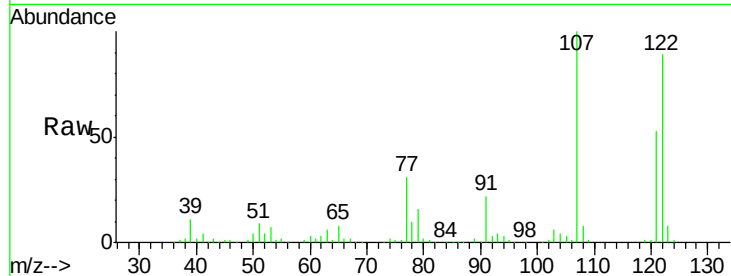




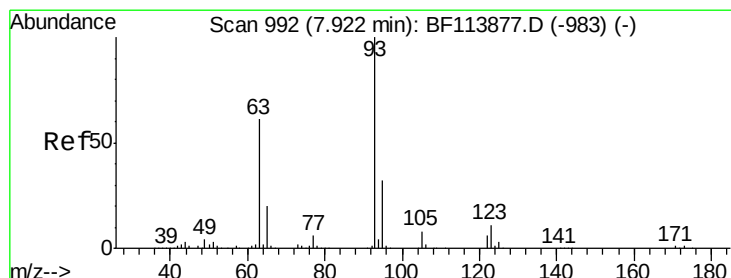
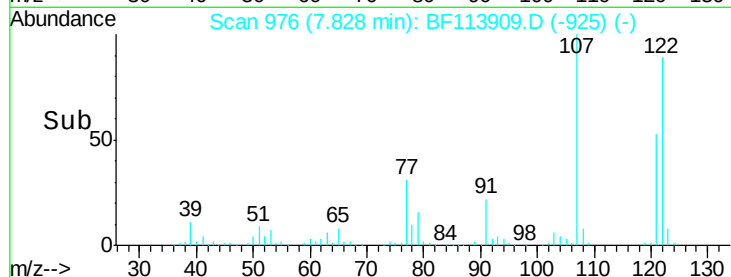
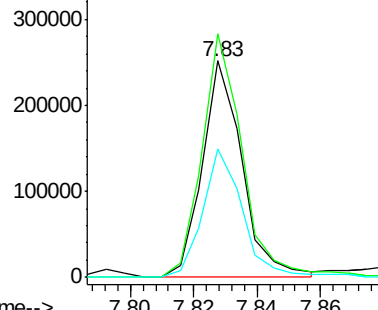
#27
2,4-Dimethylphenol
Concen: 39.920 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.5	91.2	136.8
121	59.4	46.4	69.6

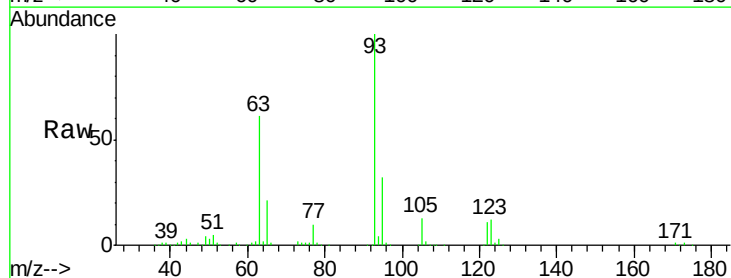


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

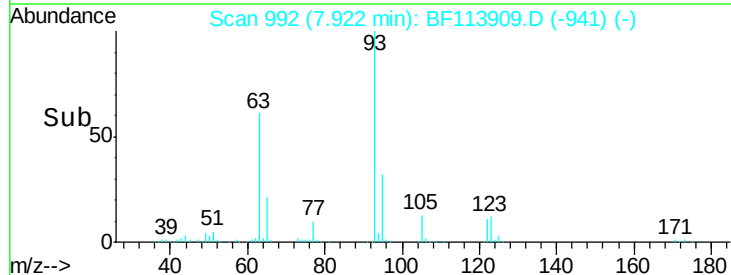
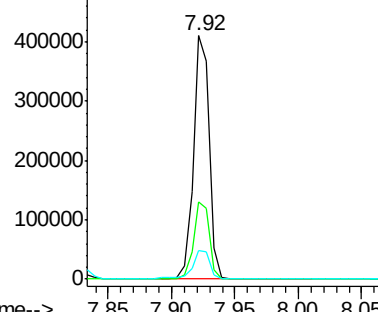


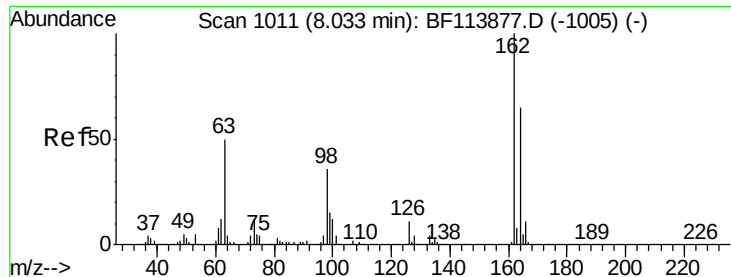
#28
bis(2-Chloroethoxy)methane
Concen: 41.638 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.6
123	11.7	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

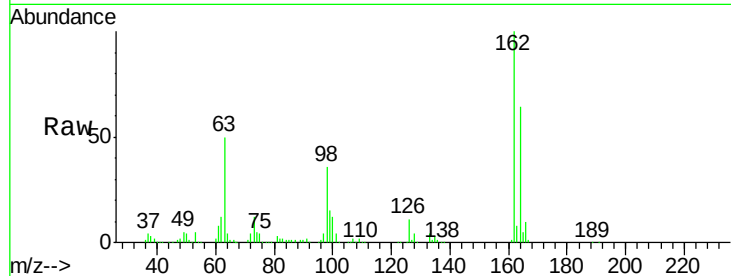




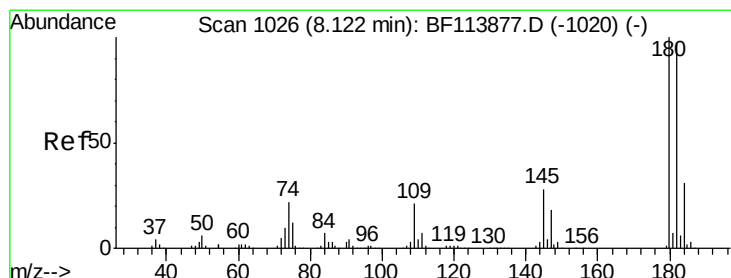
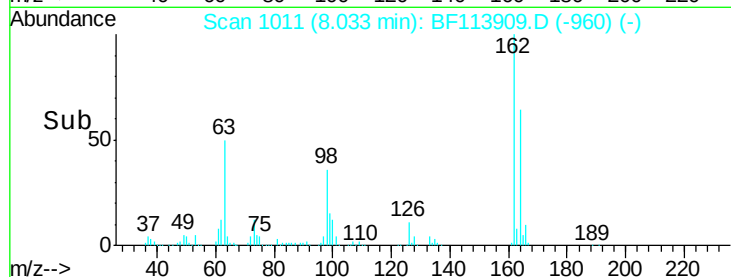
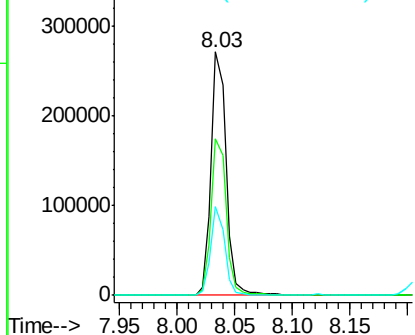
#29
2,4-Dichlorophenol
Concen: 40.167 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.7	83.7
98	36.2	15.5	55.5

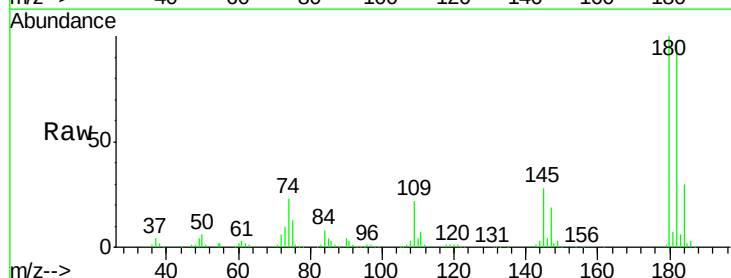


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

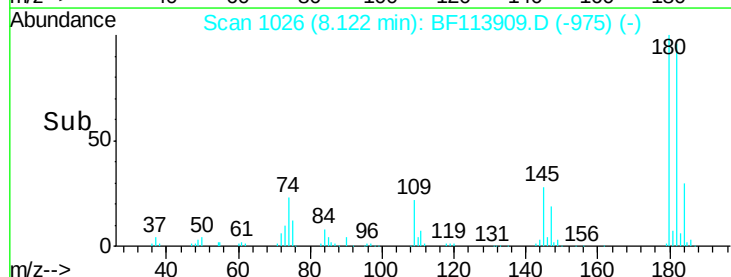
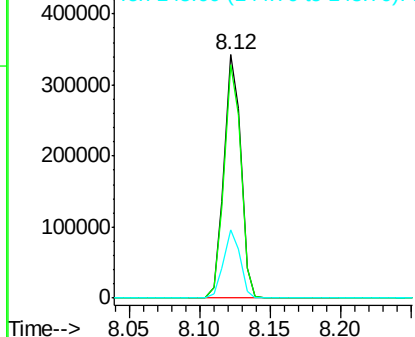


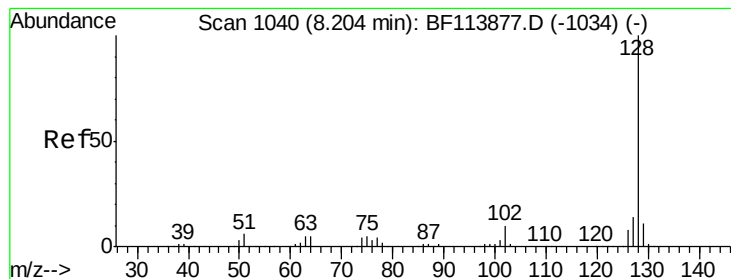
#30
1,2,4-Trichlorobenzene
Concen: 41.524 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.4	113.0
145	27.9	23.0	34.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.871 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

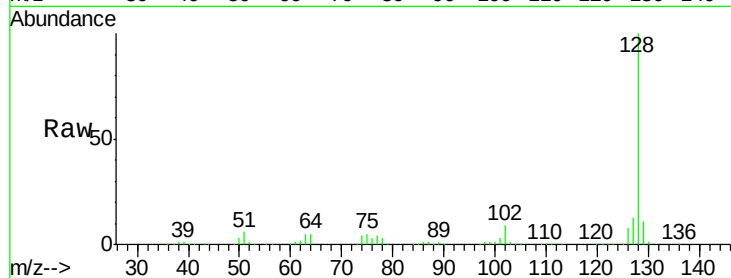
Tot Ion:128 Resp: 808352

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

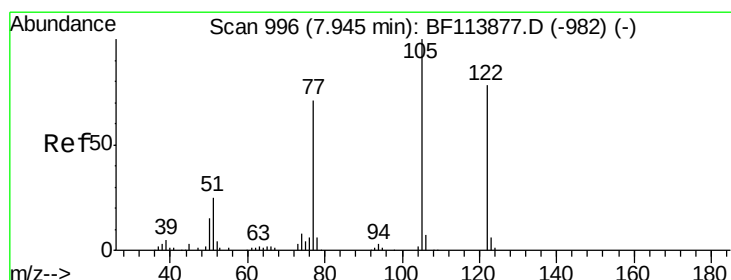
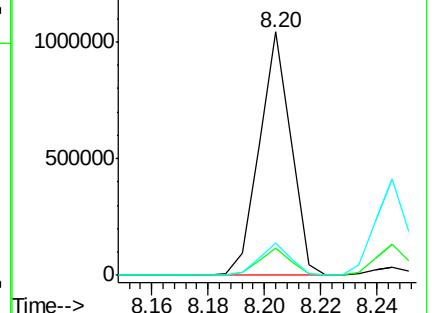
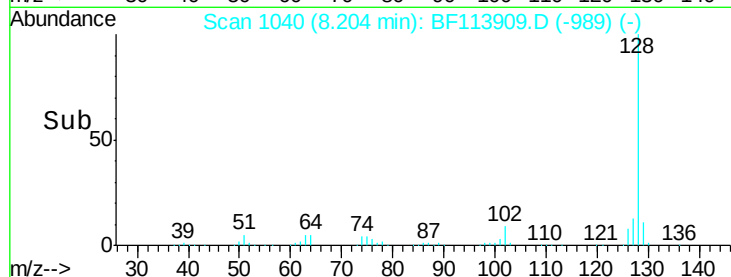
127 13.2 10.8 16.2



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: 34.032 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

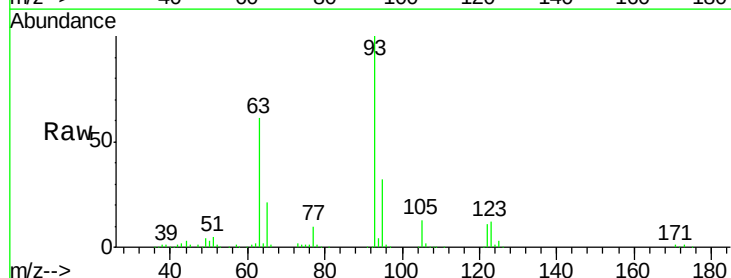
Tgt Ion:122 Resp: 124234

Ion Ratio Lower Upper

122 100

105 122.8 104.3 144.3

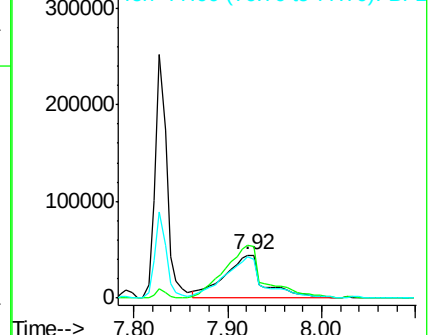
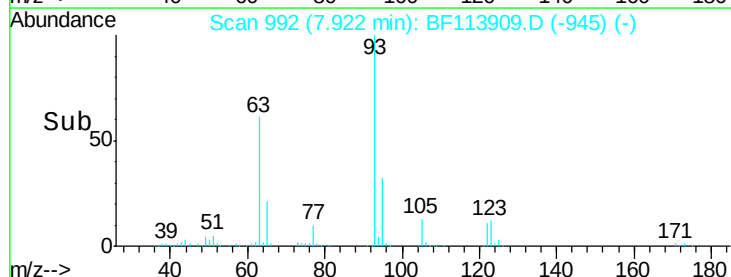
77 96.1 70.4 110.4

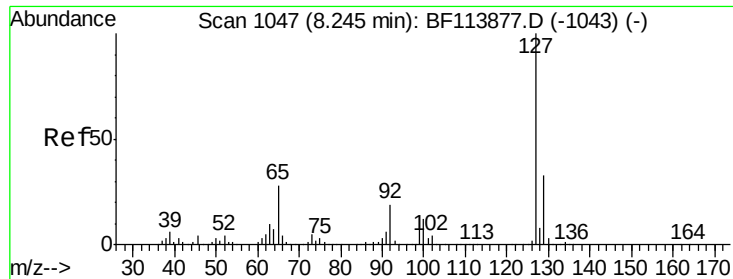


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

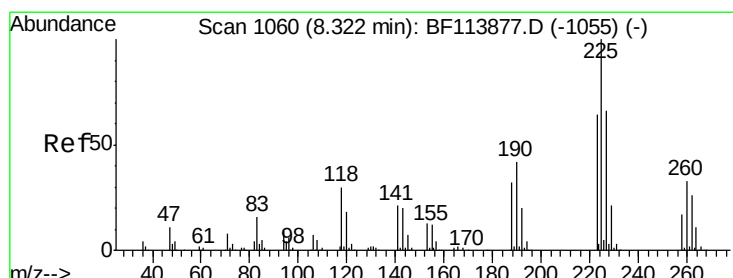
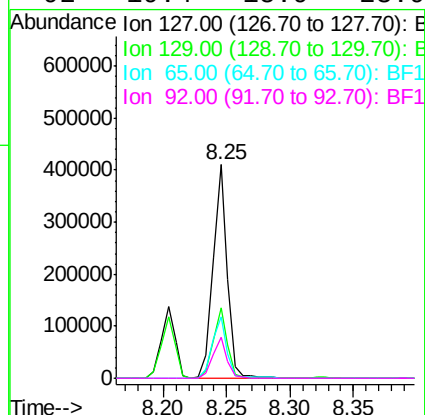
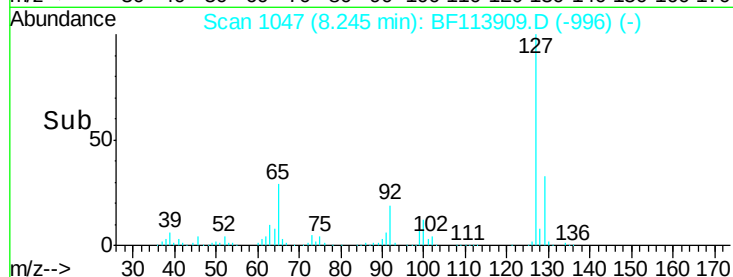
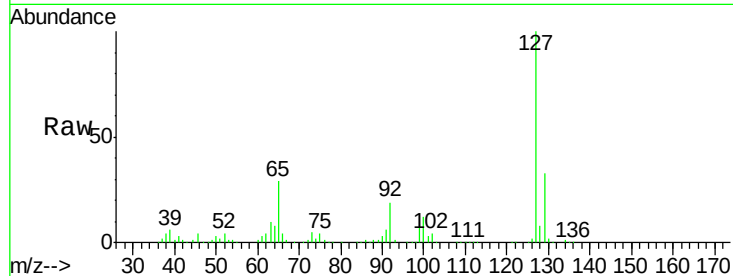




#33
4-Chloroaniline
Concen: 39.950 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

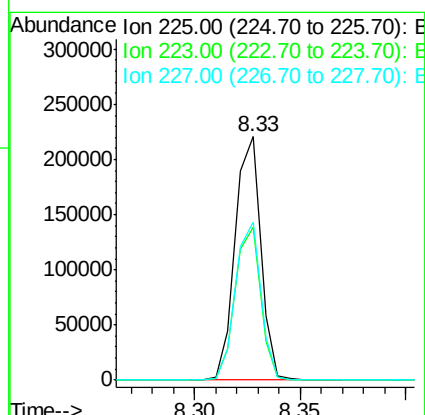
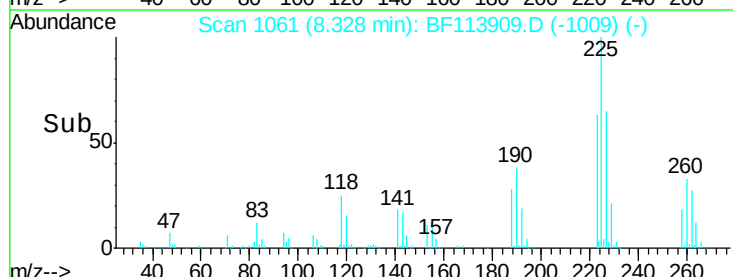
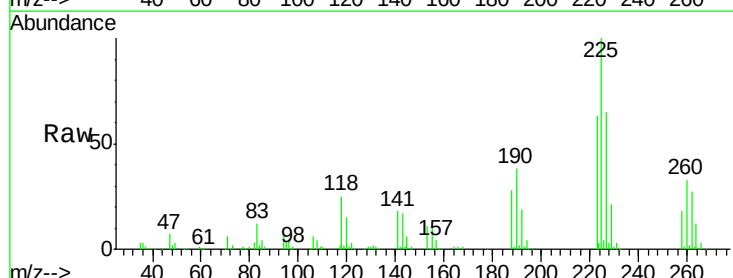
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

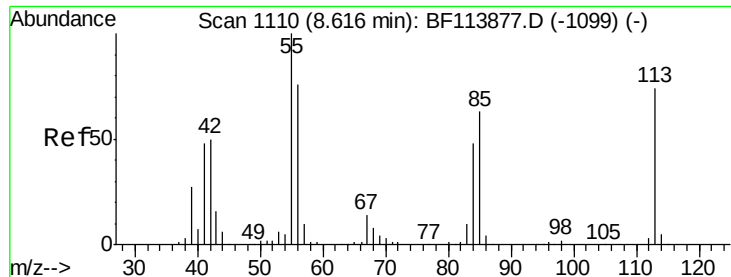
Tot Ion:	127	Resp:	326351
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	28.8	24.9	37.3
92	19.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 42.927 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Tgt Ion:	225	Resp:	184443
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	65.0	49.9	74.9

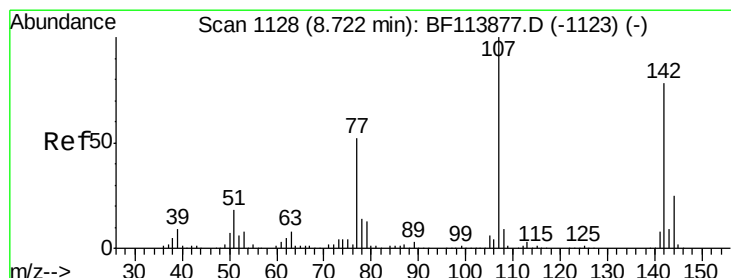
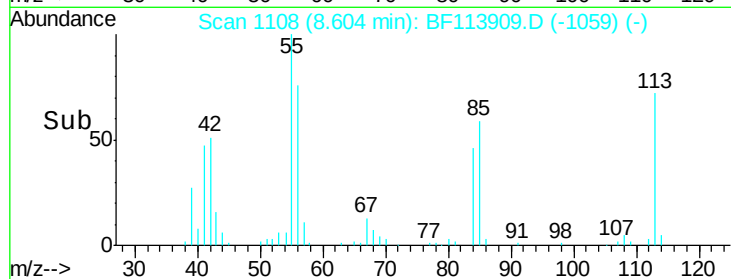
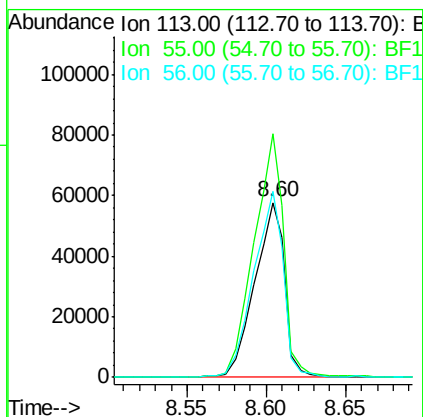
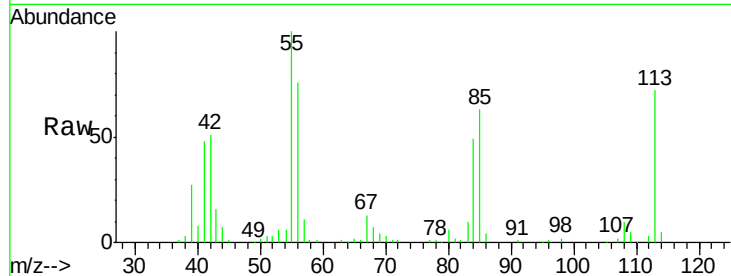




#35
Caprolactam
Concen: 38.427 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

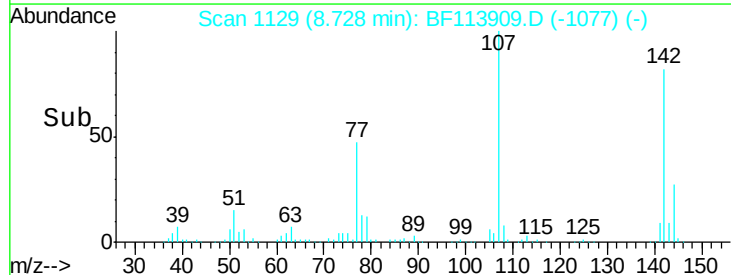
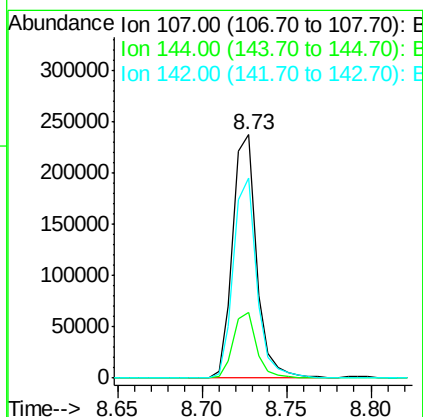
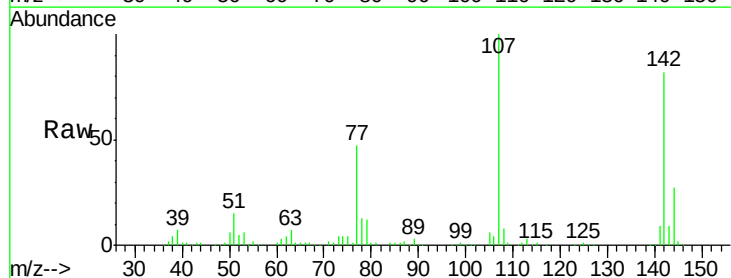
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

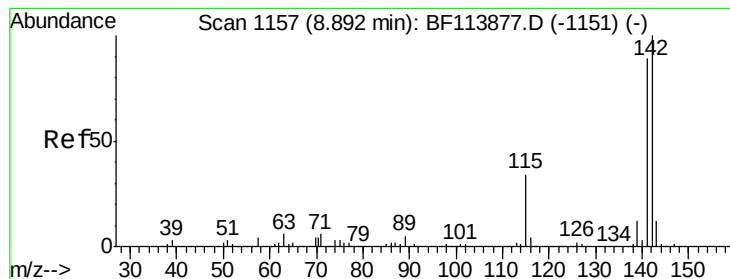
Tot Ion:113 Resp: 75563
Ion Ratio Lower Upper
113 100
55 139.1 128.6 168.6
56 106.4 91.9 131.9



#36
4-Chloro-3-methylphenol
Concen: 38.420 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Tgt Ion:107 Resp: 235289
Ion Ratio Lower Upper
107 100
144 27.2 20.5 30.7
142 82.3 64.2 96.4





#37

2-Methylnaphthalene

Concen: 39.758 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

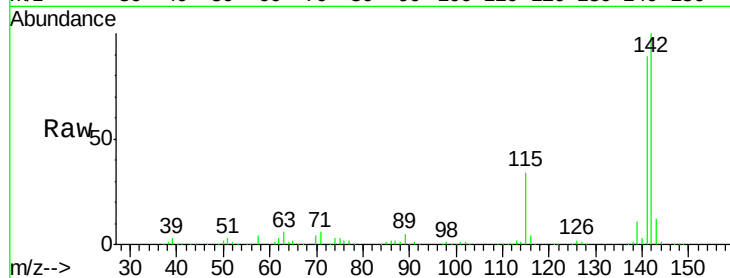
Tot Ion:142 Resp: 517593

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6

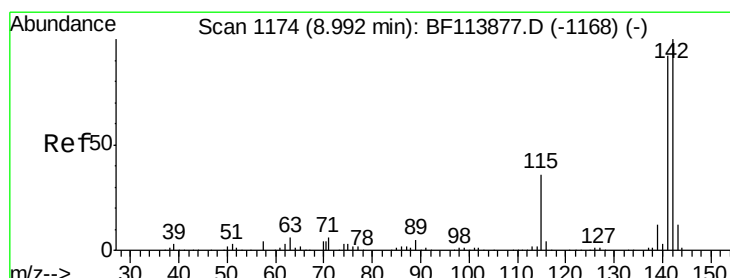
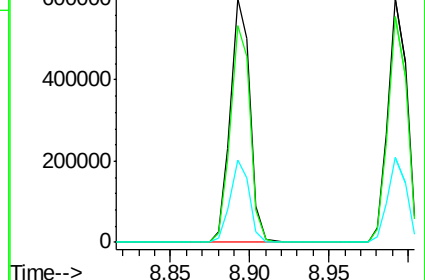
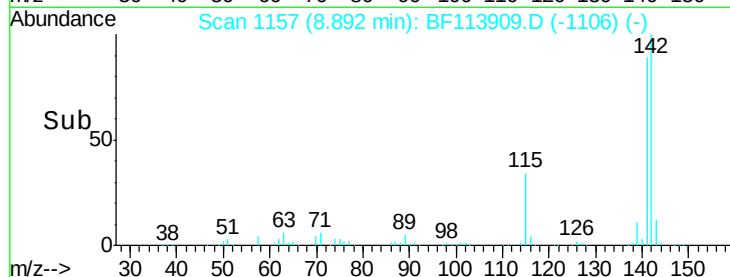
115 33.7 26.3 39.5



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: 39.794 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

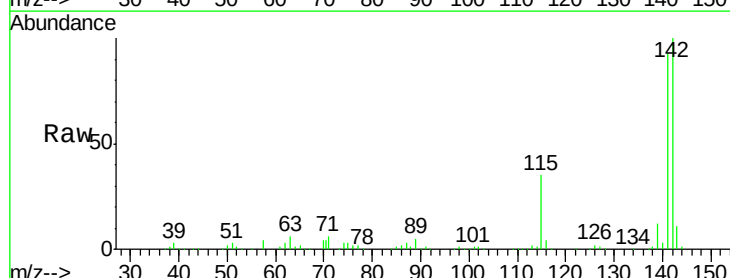
Tgt Ion:142 Resp: 500020

Ion Ratio Lower Upper

142 100

141 93.0 72.3 108.5

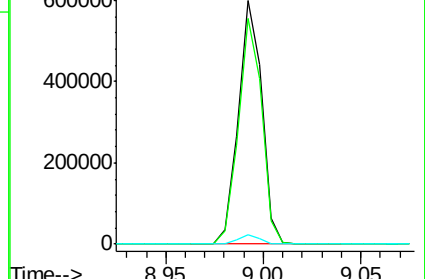
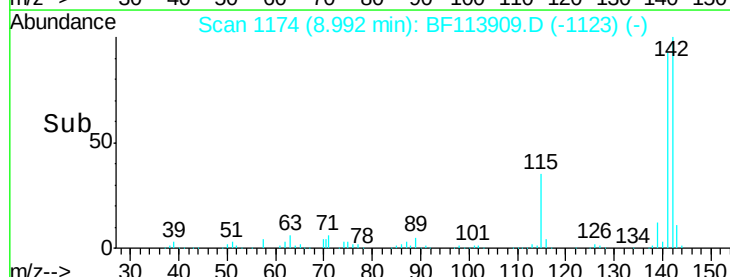
116 3.8 3.0 4.4

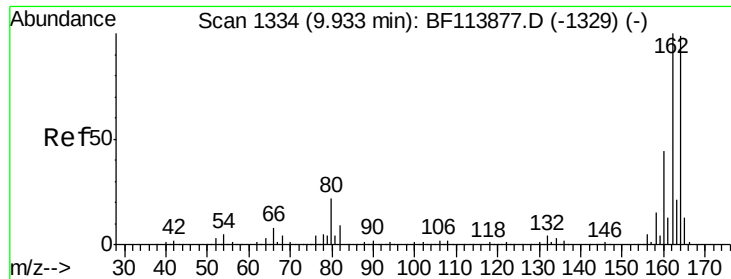


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

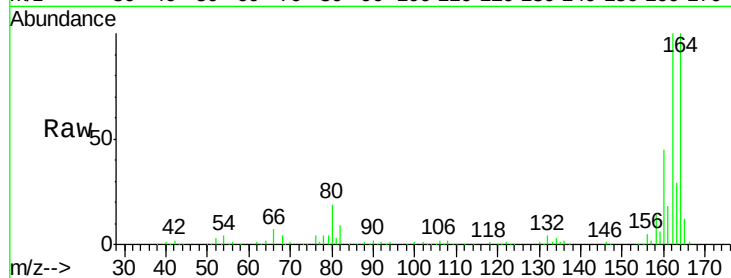
Tot Ion:164 Resp: 199802

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

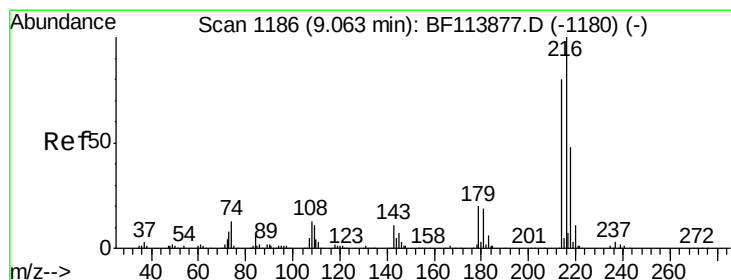
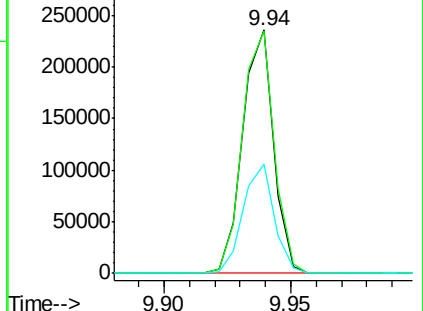
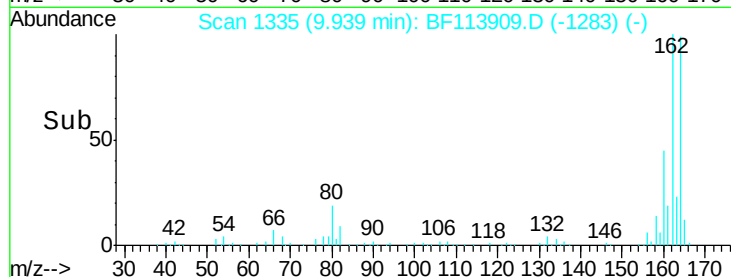
160 45.0 35.8 53.6



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: 42.984 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Tgt Ion:216 Resp: 278977

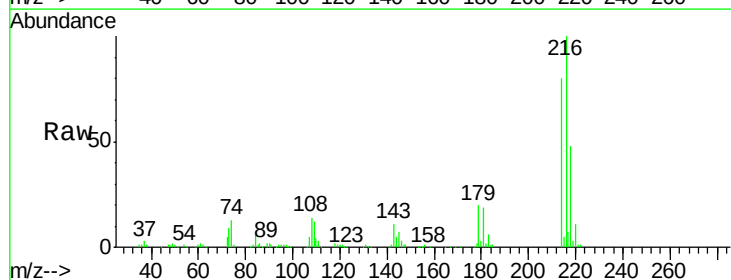
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 19.9 16.1 24.1

108 14.5 13.4 20.0

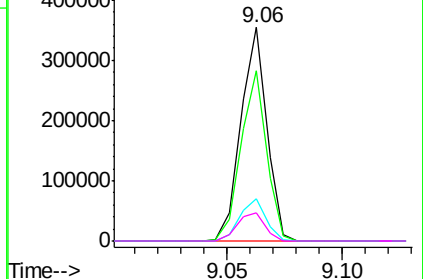
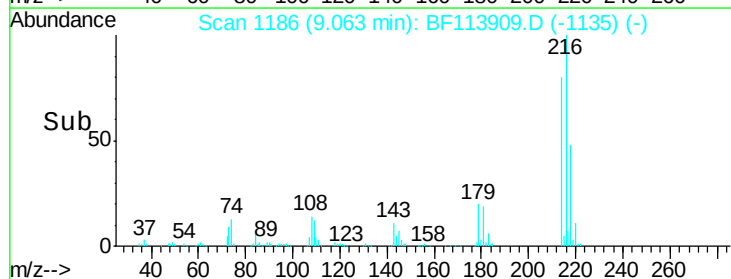


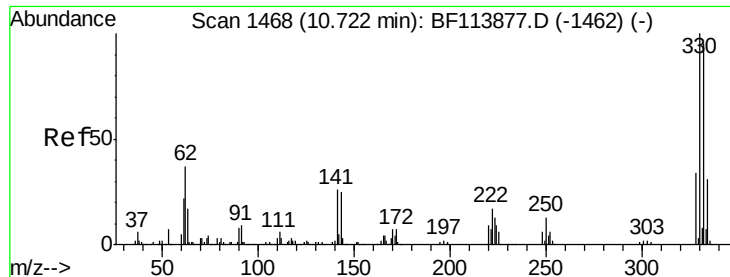
Abundance Ion 216.00 (215.70 to 216.70): E

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

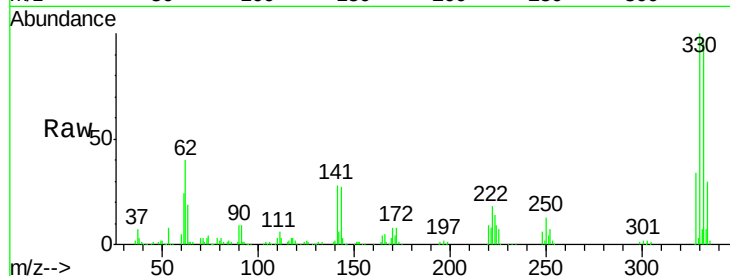




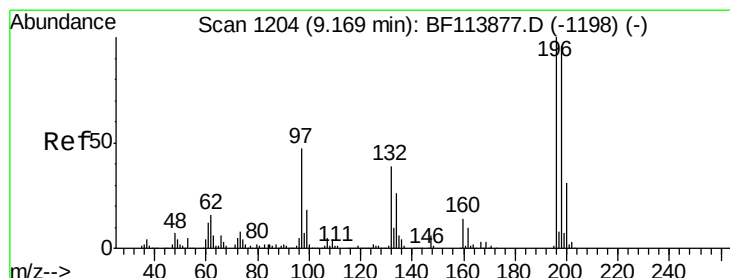
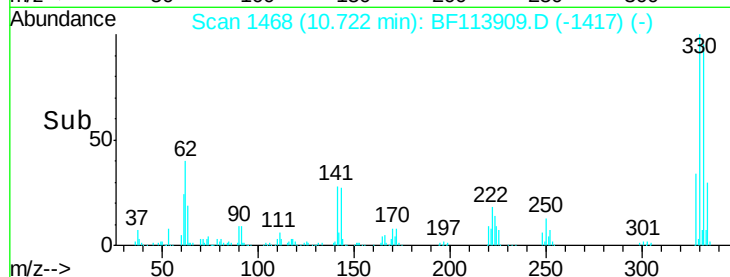
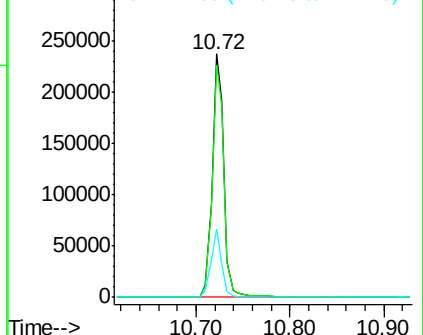
#42
 2,4,6-Tribromophenol
 Concen: 86.309 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 210077
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.5 116.3
 141 25.7 22.2 33.2

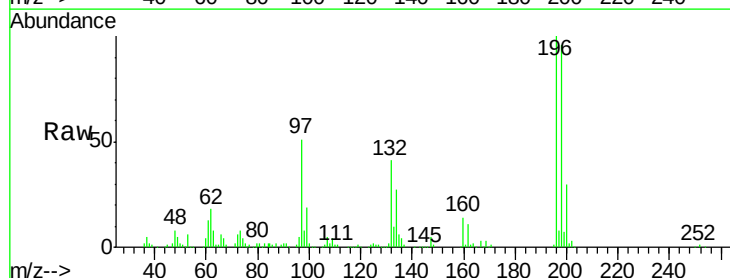


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

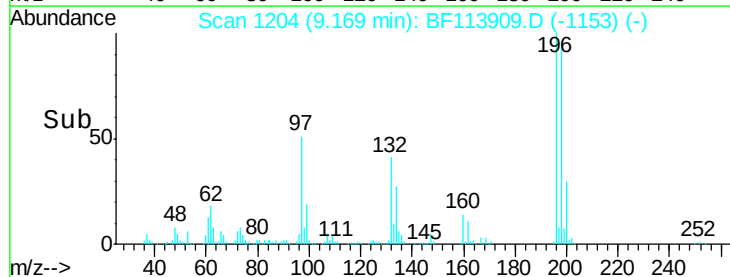
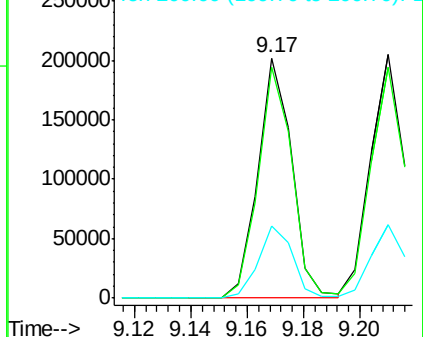


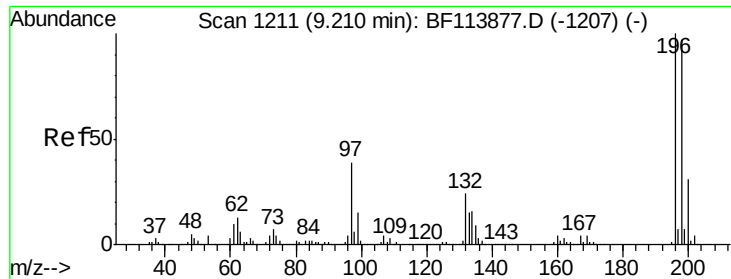
#43
 2,4,6-Trichlorophenol
 Concen: 40.828 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion:196 Resp: 168263
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.6 113.4
 200 30.2 24.7 37.1



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

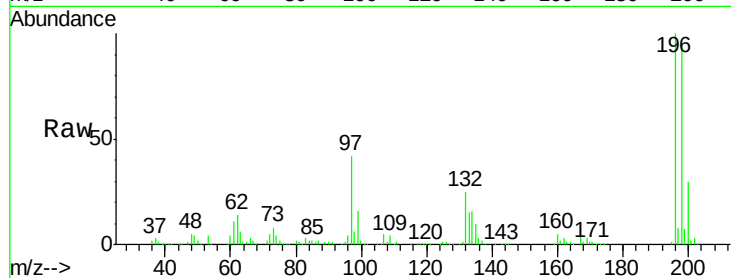




#44
 2,4,5-Trichlorophenol
 Concen: 40.662 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.2	114.4
97	41.6	35.8	53.8
132	24.8	20.9	31.3



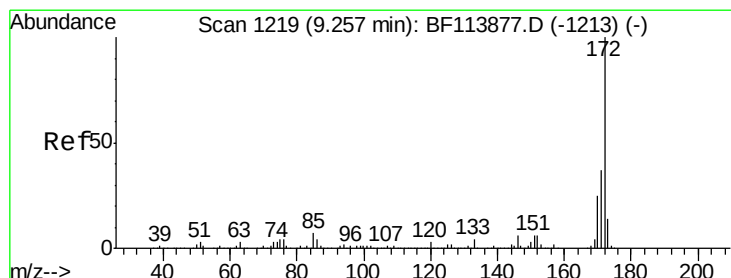
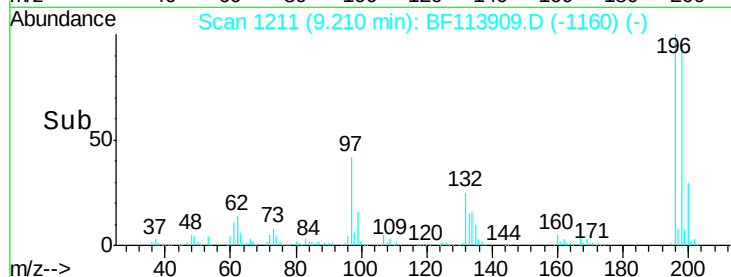
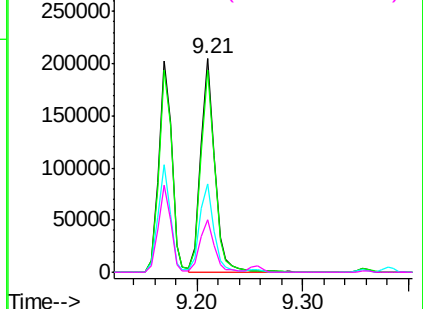
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

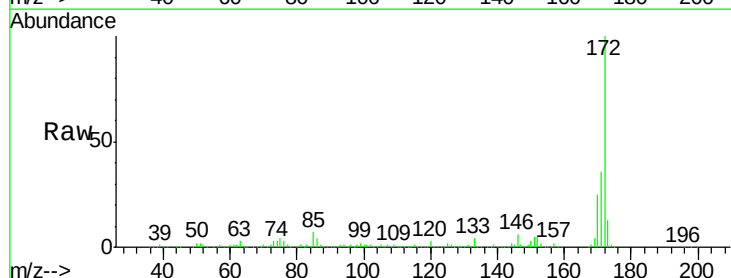
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.526 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.7	19.9	29.9

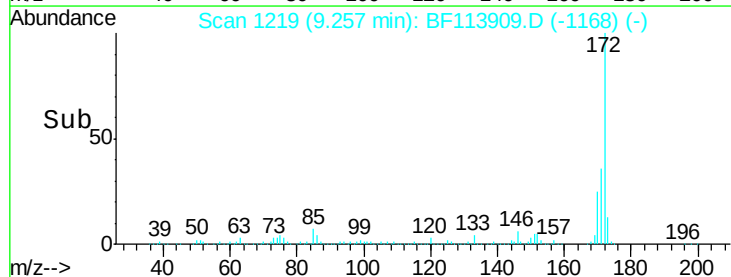
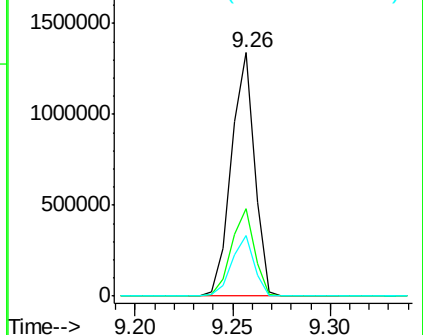


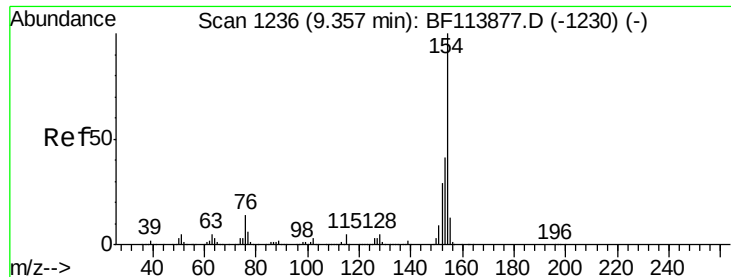
Abundance

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

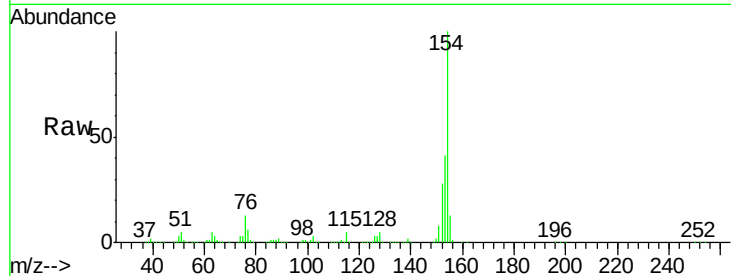




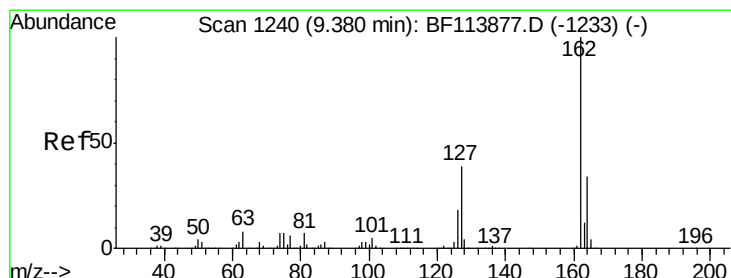
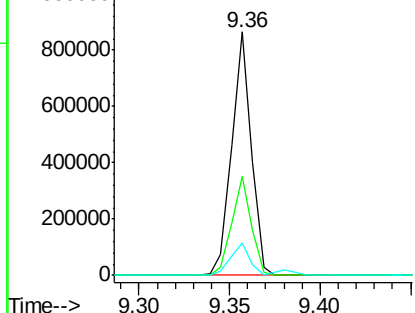
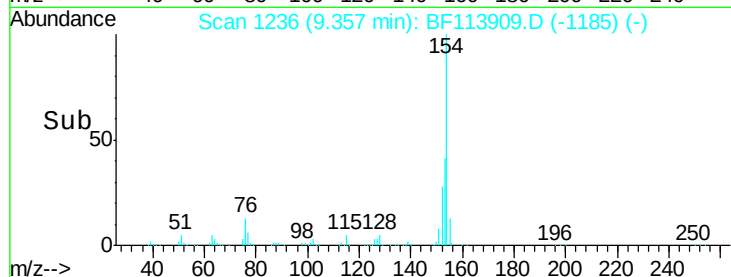
#46
 1,1'-Biphenyl
 Concen: 42.630 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 650676
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.8 60.8
 76 13.4 0.0 35.2

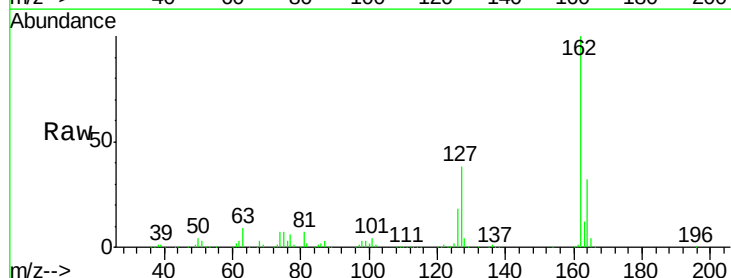


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

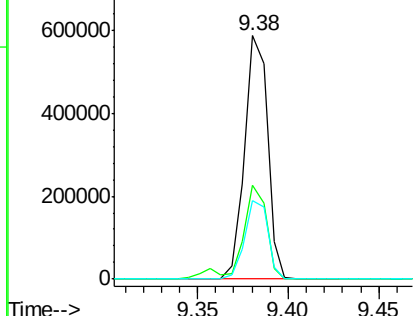
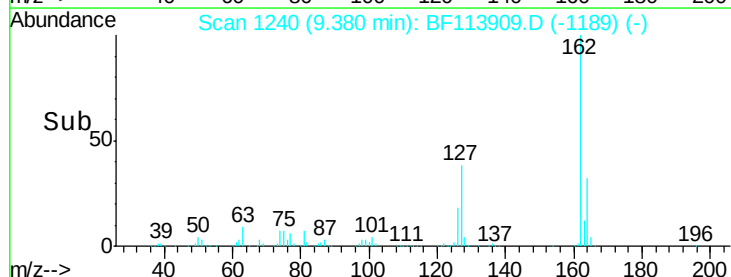


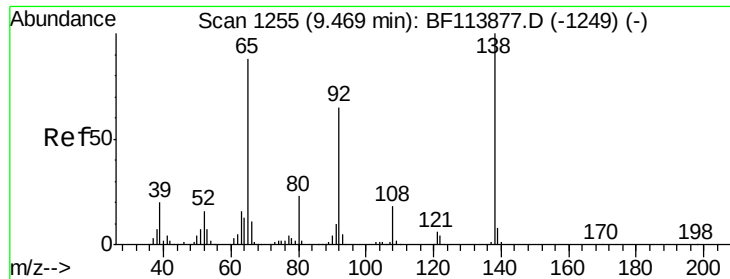
#47
 2-Chloronaphthalene
 Concen: 41.744 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion:162 Resp: 518146
 Ion Ratio Lower Upper
 162 100
 127 38.4 29.3 43.9
 164 32.5 27.1 40.7



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

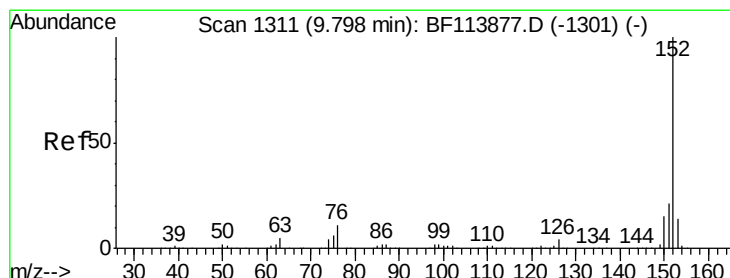
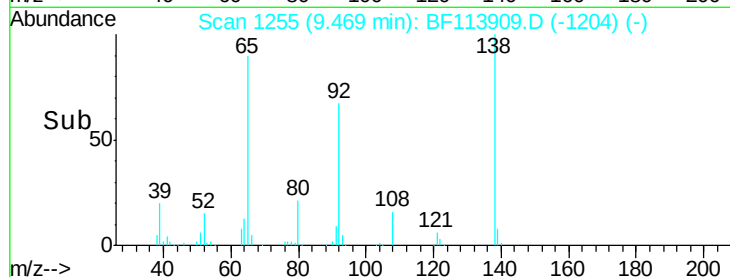
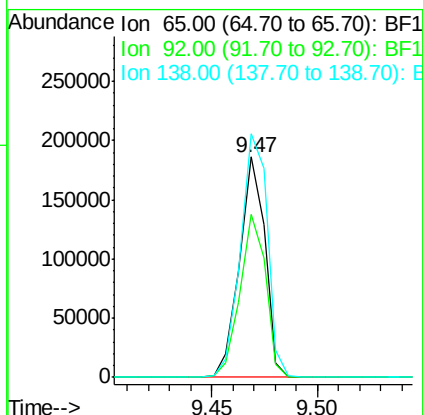
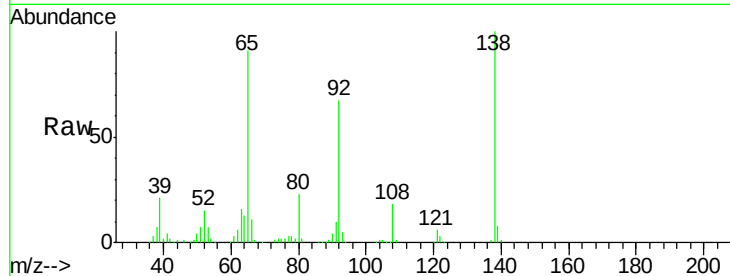




#48
2-Nitroaniline
Concen: 47.733 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

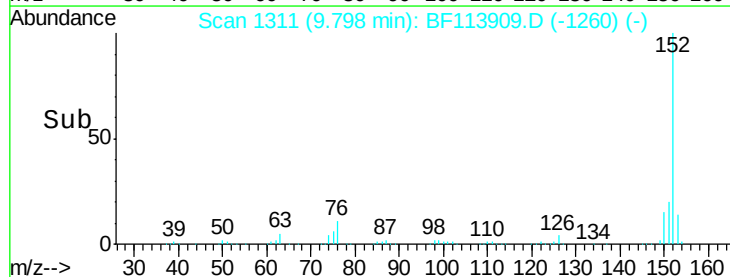
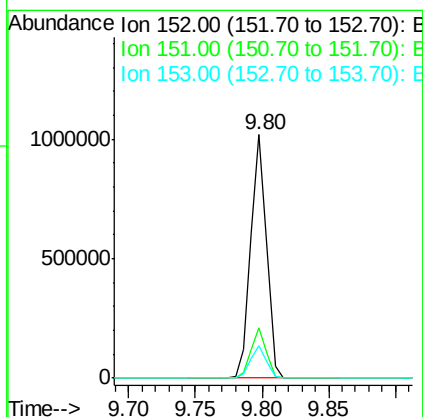
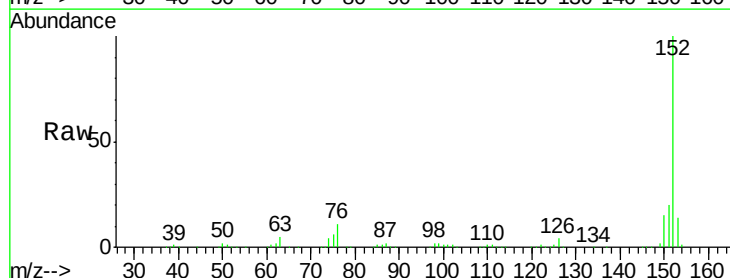
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

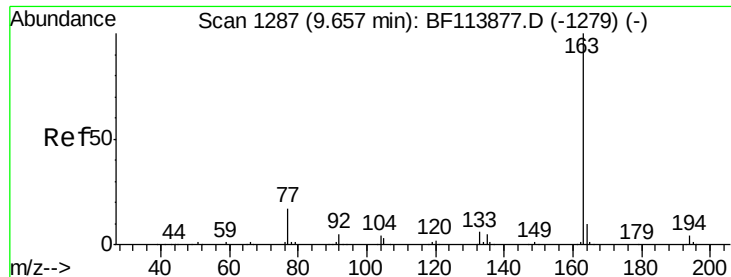
Tot Ion: 65 Resp: 155318
Ion Ratio Lower Upper
65 100
92 73.8 57.4 86.0
138 110.4 85.4 128.0



#49
Acenaphthylene
Concen: 41.850 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Tgt Ion: 152 Resp: 813238
Ion Ratio Lower Upper
152 100
151 20.4 17.0 25.4
153 13.6 11.0 16.6





#50

Dimethylphthalate

Concen: 41.520 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

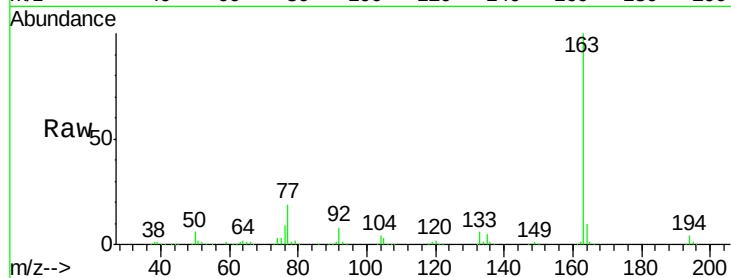
Tot Ion:163 Resp: 599958

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

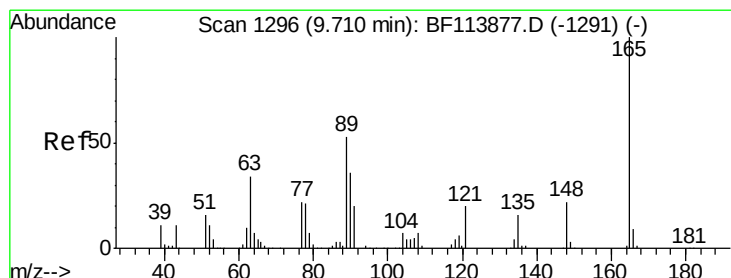
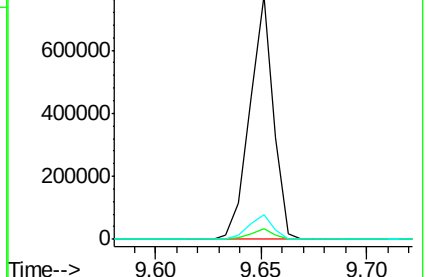
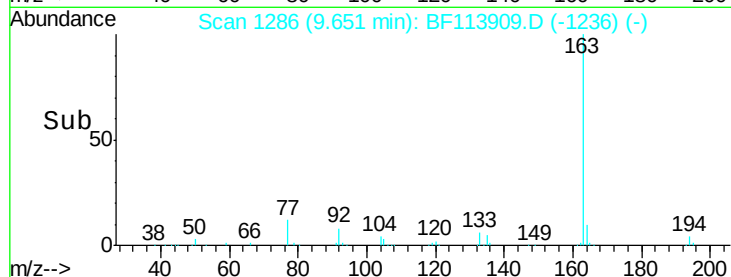
164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 34.858 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

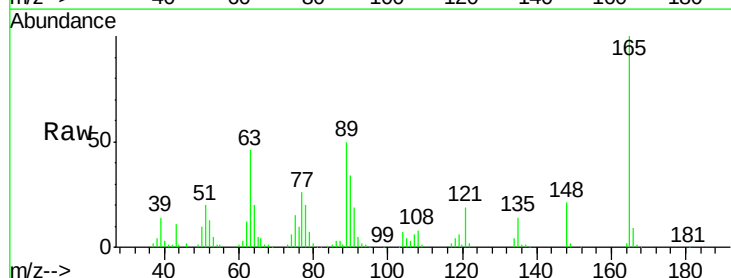
Tgt Ion:165 Resp: 108062

Ion Ratio Lower Upper

165 100

63 45.7 33.8 50.8

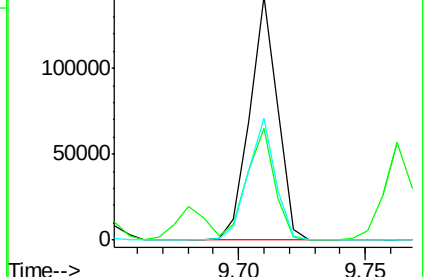
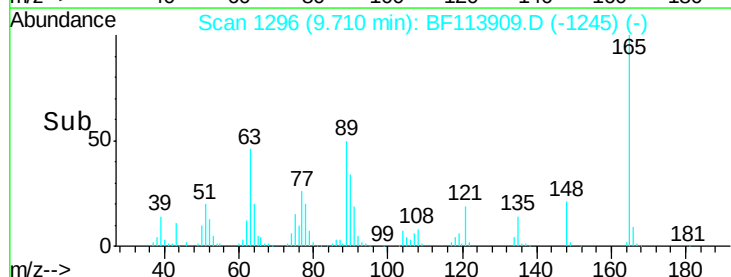
89 50.2 38.2 57.2

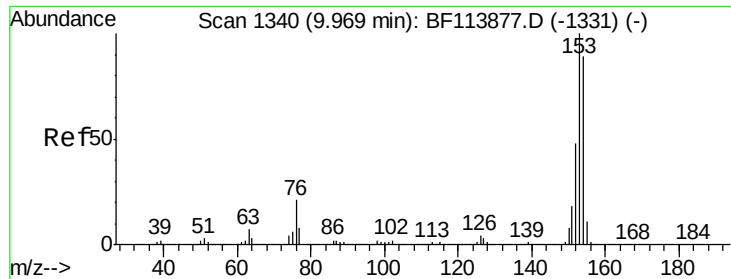


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 39.494 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

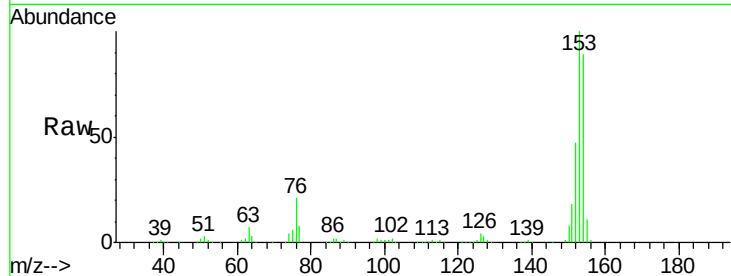
Tot Ion:154 Resp: 453549

Ion Ratio Lower Upper

154 100

153 112.6 87.2 130.8

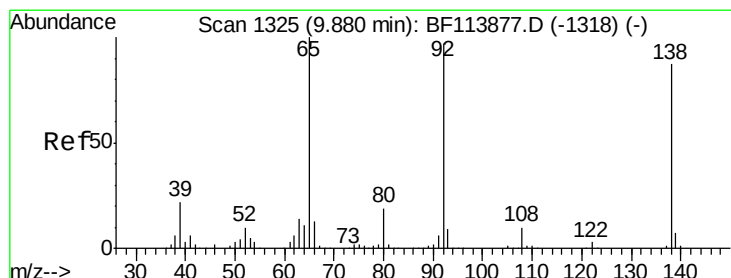
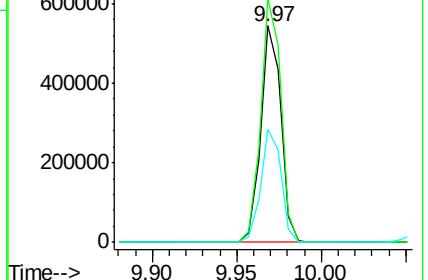
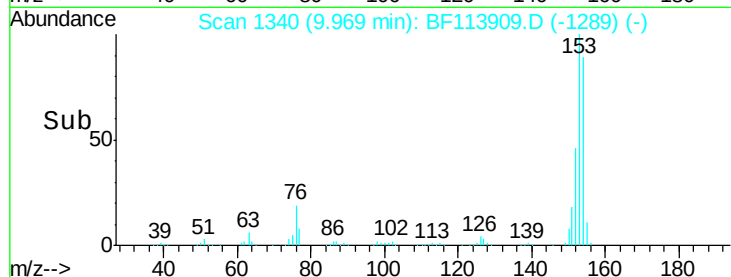
152 52.5 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 49.559 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

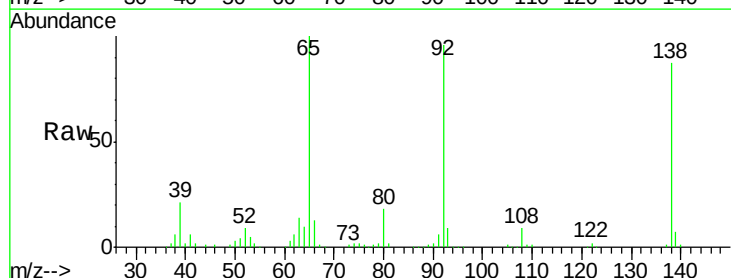
Tgt Ion:138 Resp: 161445

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.2

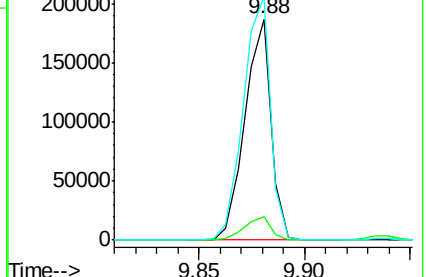
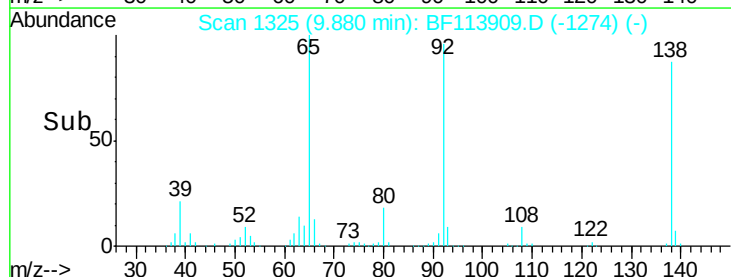
92 110.2 94.1 141.1

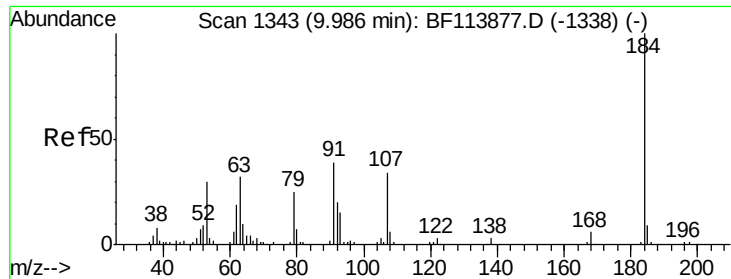


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

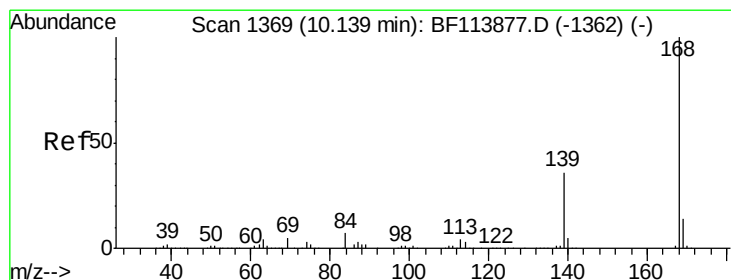
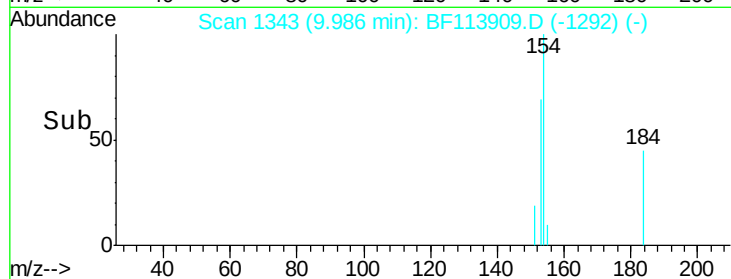
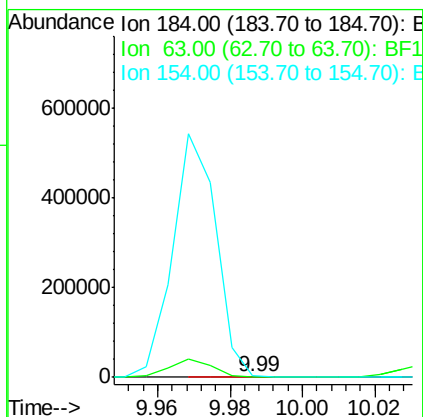
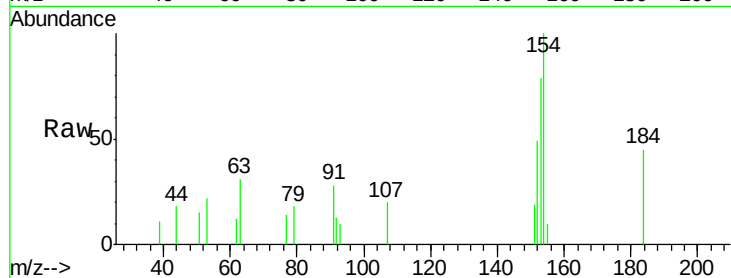




#54
 2,4-Dinitrophenol
 Concen: 9.156 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

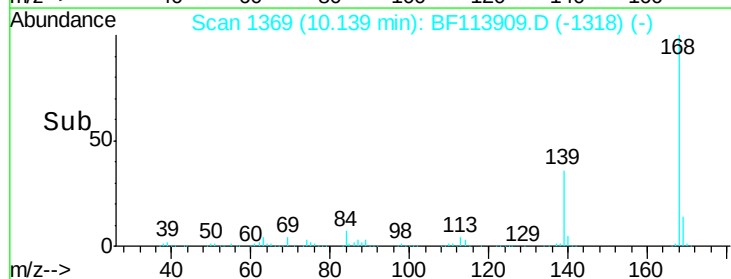
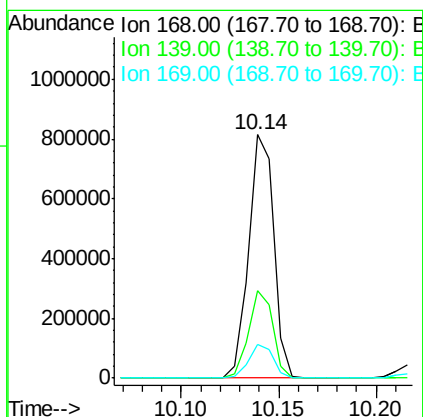
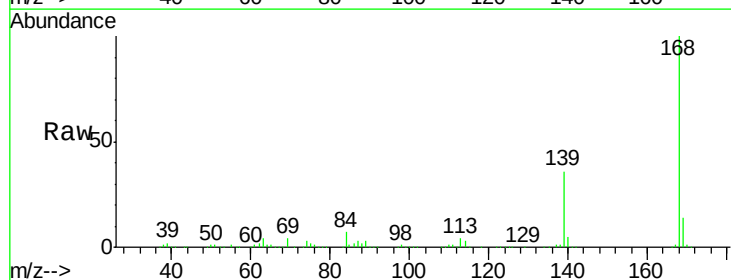
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

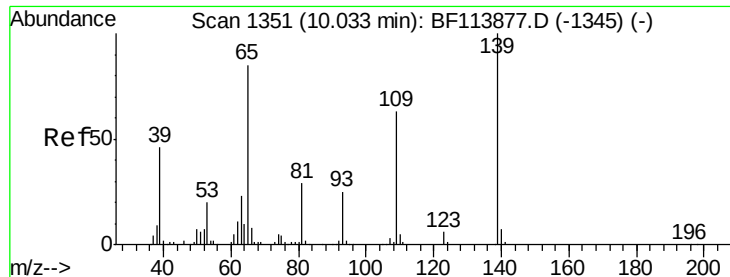
Tot Ion:184 Resp: 1253
 Ion Ratio Lower Upper
 184 100
 63 69.8 54.6 81.8
 154 224.4 218.6 328.0



#55
 Dibenzofuran
 Concen: 42.059 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion:168 Resp: 723503
 Ion Ratio Lower Upper
 168 100
 139 35.7 27.8 41.6
 169 13.7 11.0 16.6

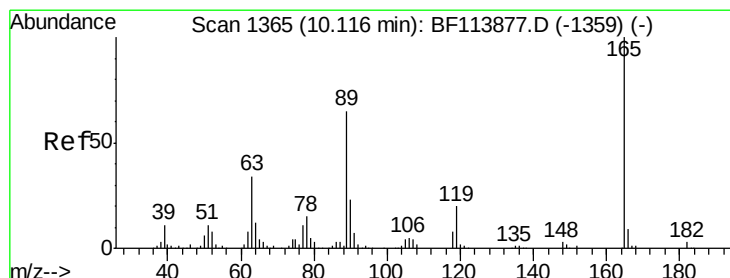
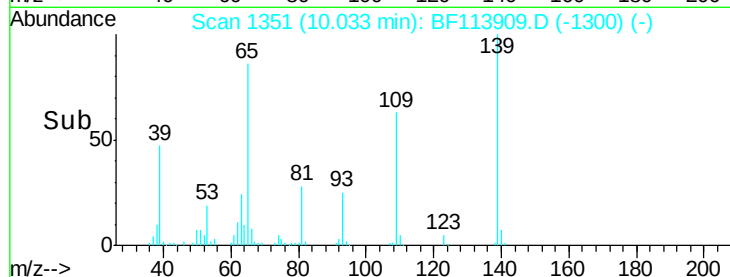
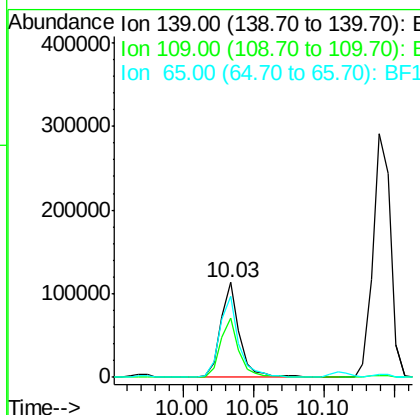
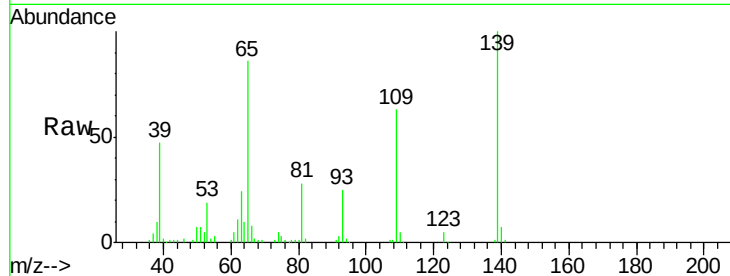




#56
4-Nitrophenol
Concen: 40.948 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

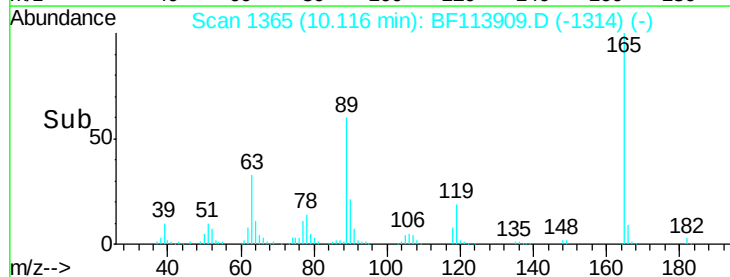
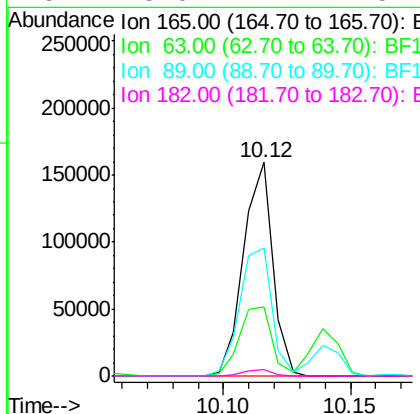
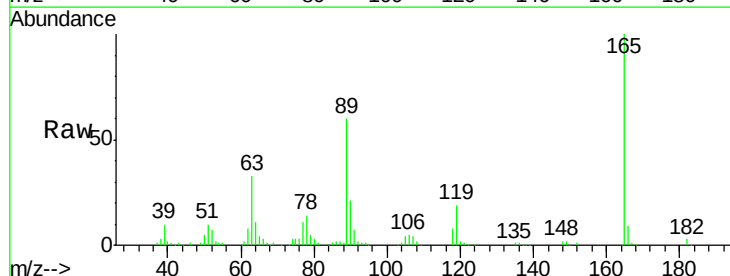
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

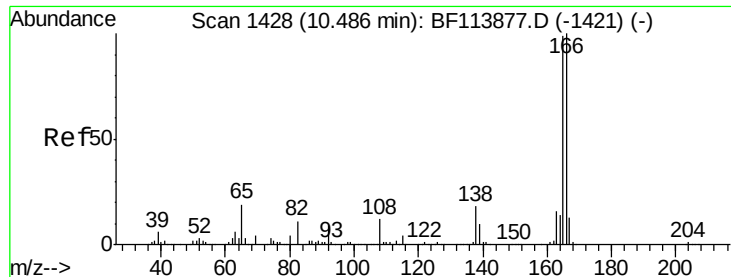
Tot Ion	Ratio	Lower	Upper
139	100		
109	63.1	42.9	82.9
65	85.8	64.4	104.4



#57
2,4-Dinitrotoluene
Concen: 32.897 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.7	27.4	41.0
89	59.8	51.8	77.6
182	3.0	2.2	3.2





#58

Fluorene

Concen: 41.999 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

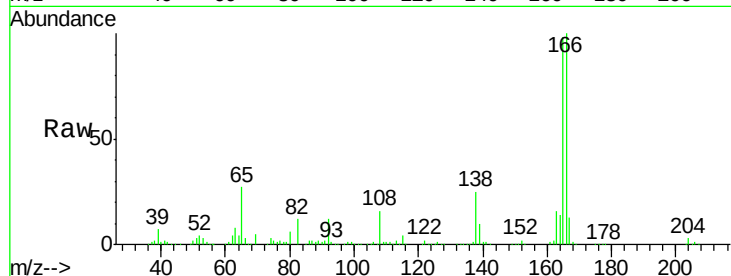
Tot Ion:166 Resp: 543935

Ion Ratio Lower Upper

166 100

165 98.3 78.4 117.6

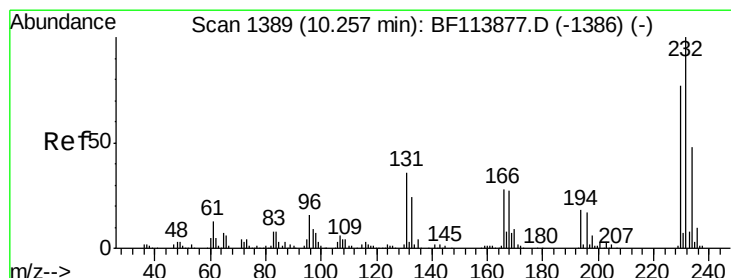
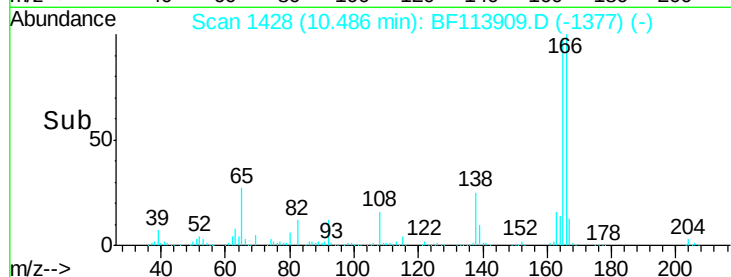
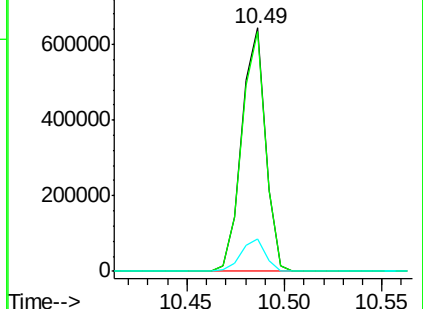
167 13.3 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 40.291 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Tgt Ion:232 Resp: 163674

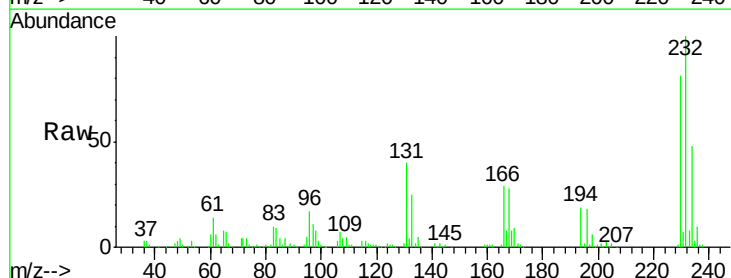
Ion Ratio Lower Upper

232 100

131 36.9 30.2 45.2

130 1.8 1.5 2.3

166 27.7 22.2 33.4

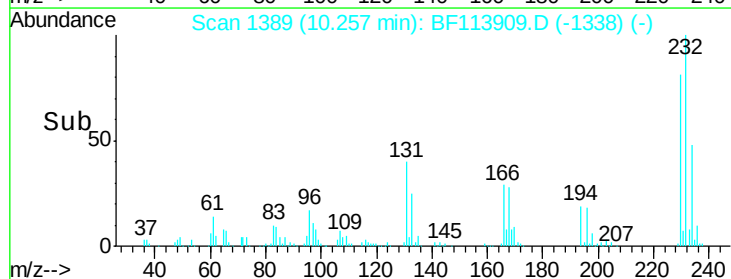
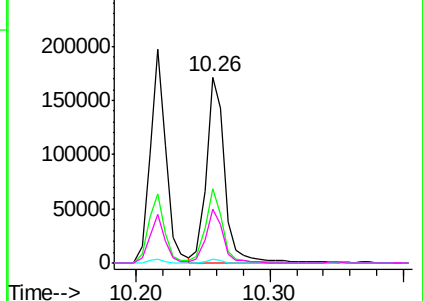


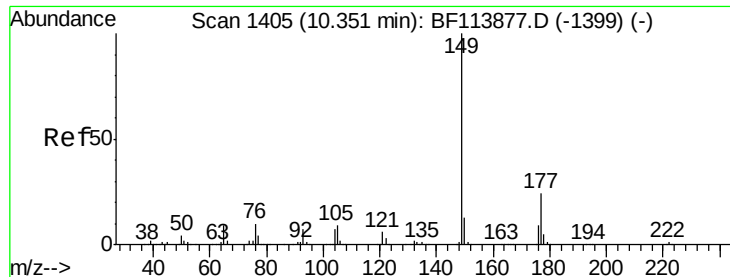
Abundance Ion 232.00 (231.70 to 232.70): E

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

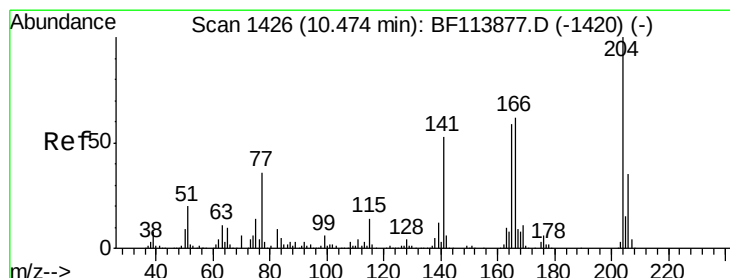
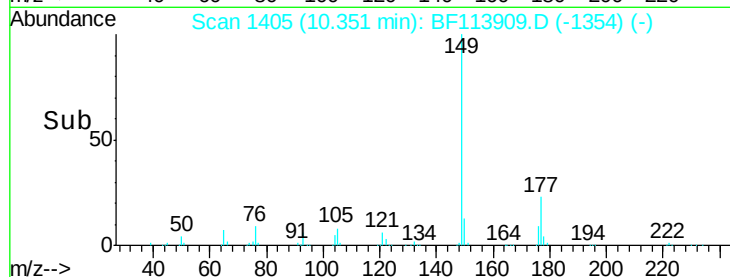
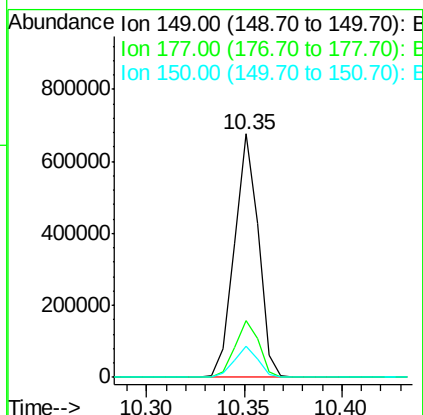
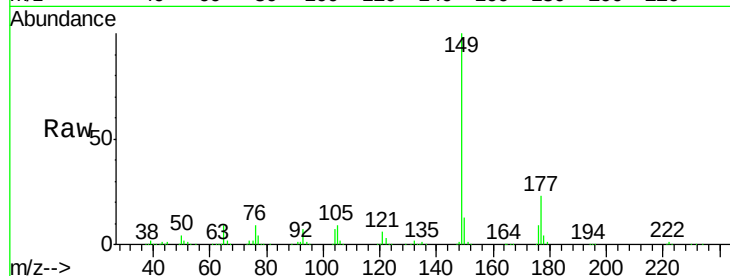




#60
Diethylphthalate
Concen: 41.869 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

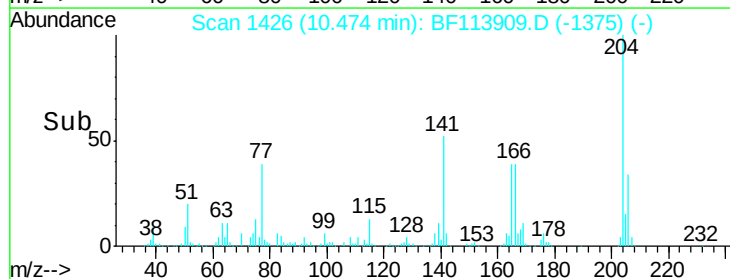
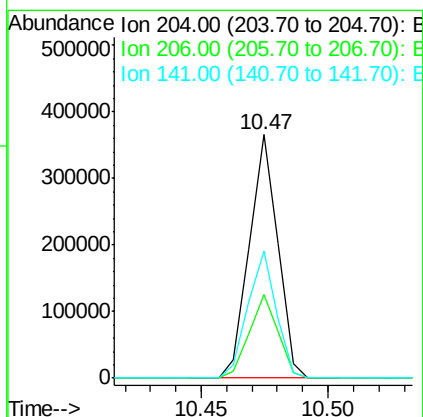
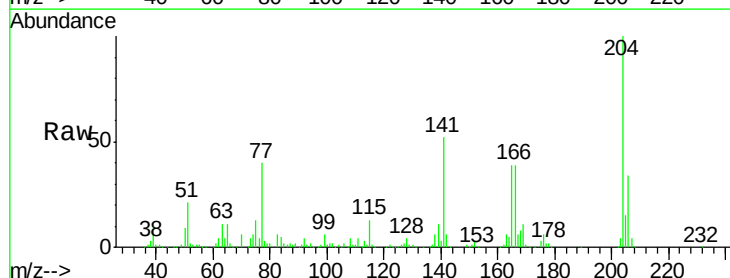
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

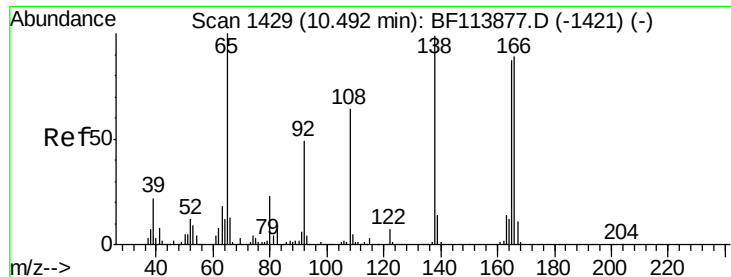
Tot Ion:149 Resp: 574528
Ion Ratio Lower Upper
149 100
177 23.4 19.2 28.8
150 12.6 10.3 15.5



#61
4-Chlorophenyl-phenylether
Concen: 41.807 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Tgt Ion:204 Resp: 286749
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 52.0 42.6 63.8





#62

4-Nitroaniline

Concen: 52.276 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

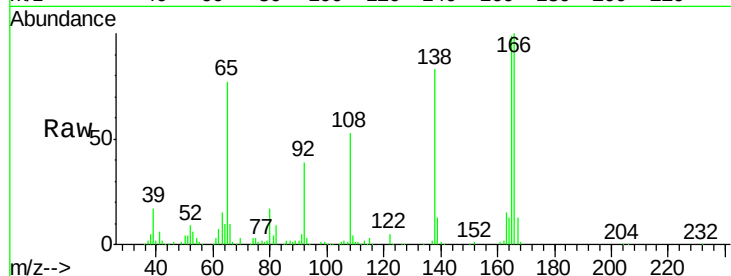
Tot Ion:138 Resp: 166185

Ion Ratio Lower Upper

138 100

92 46.9 31.3 71.3

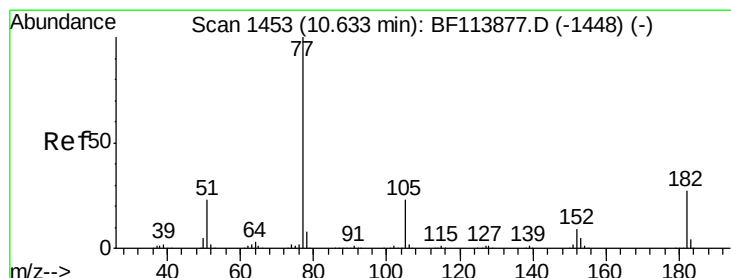
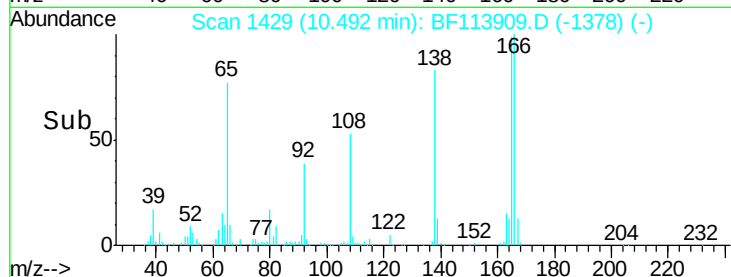
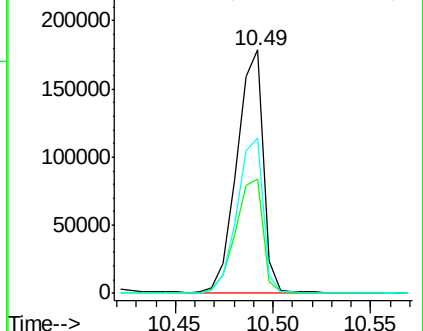
108 63.8 48.9 88.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 40.012 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Tgt Ion: 77 Resp: 532125

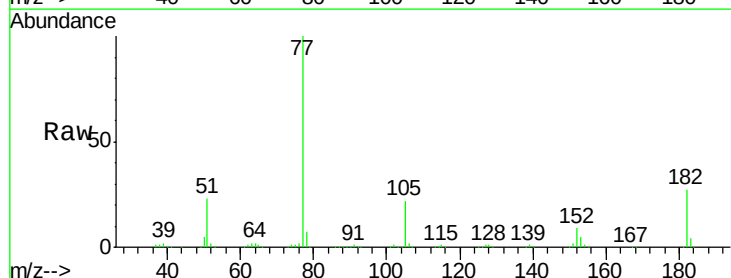
Ion Ratio Lower Upper

77 100

182 26.8 4.4 44.4

105 22.3 2.2 42.2

51 23.3 3.9 43.9

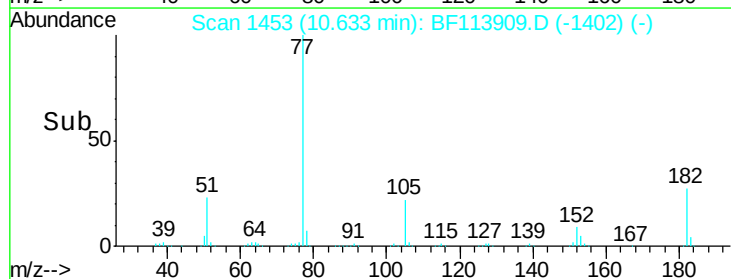
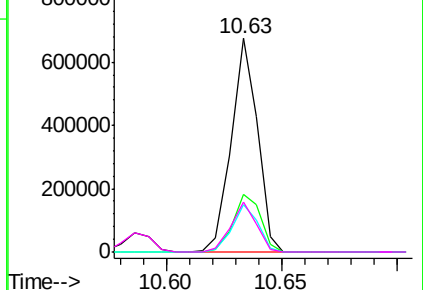


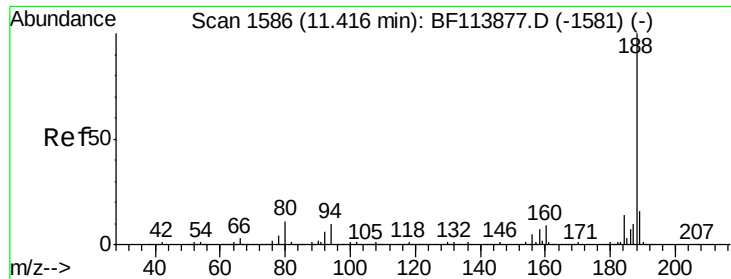
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

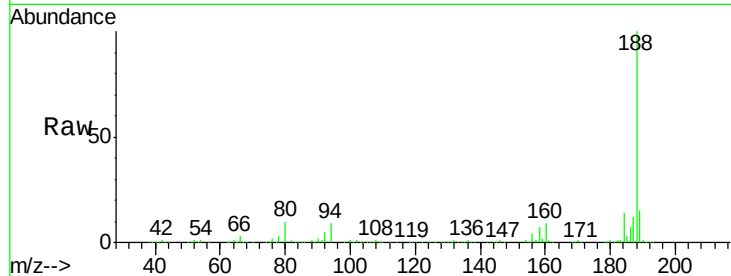
Tot Ion:188 Resp: 416129

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

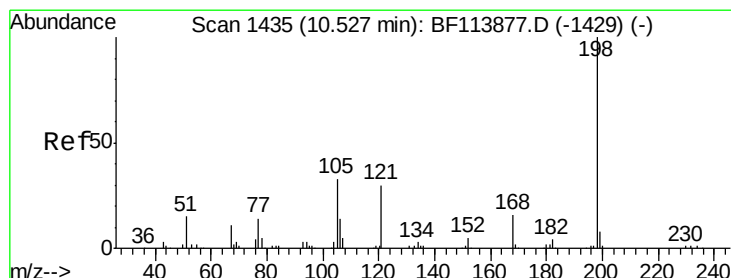
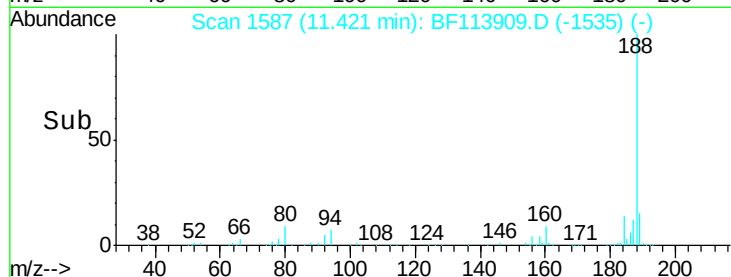
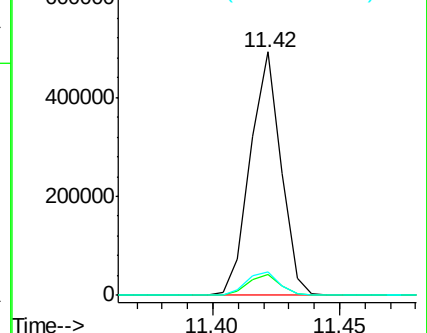
80 9.5 9.0 13.6



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: 8.673 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

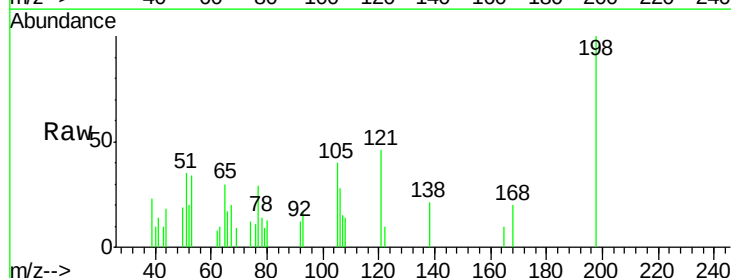
Tgt Ion:198 Resp: 3071

Ion Ratio Lower Upper

198 100

51 34.9 11.1 51.1

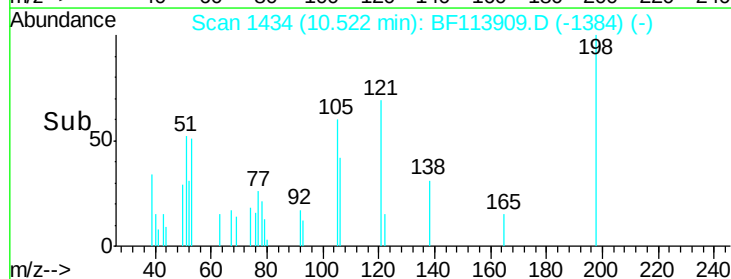
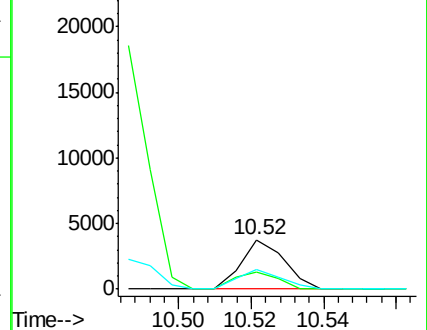
105 40.3 20.7 60.7

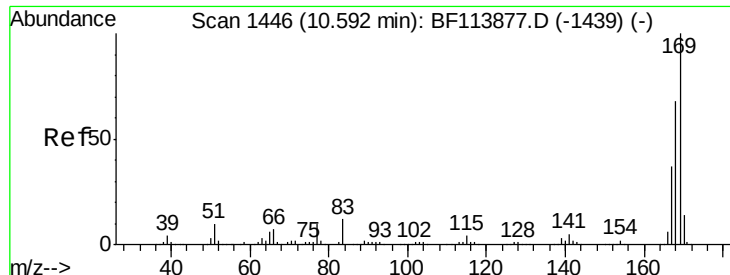


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

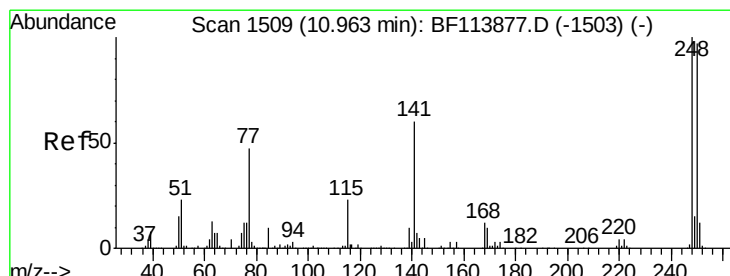
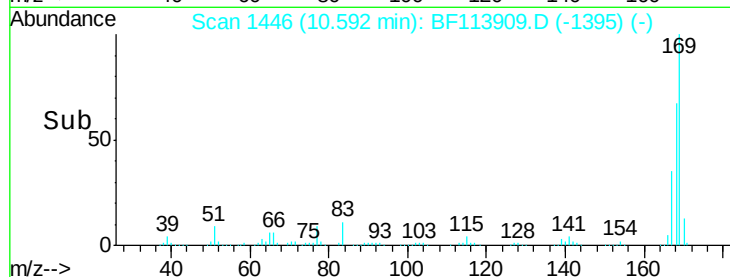
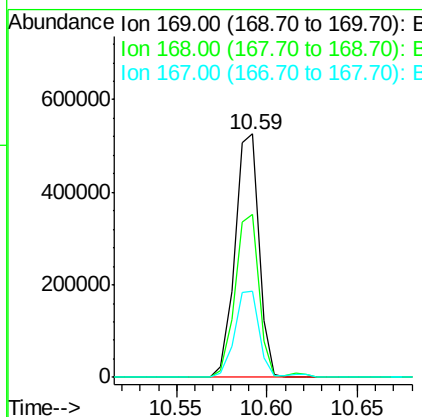
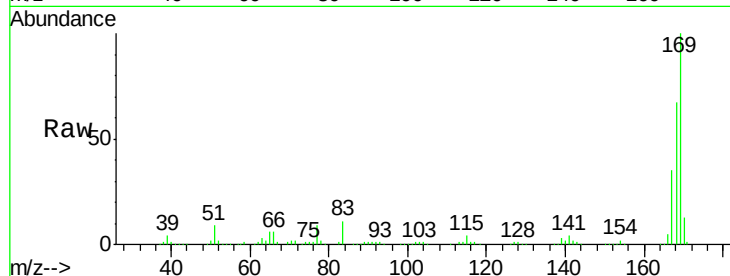




#66
 n-Nitrosodiphenylamine
 Concen: 38.917 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

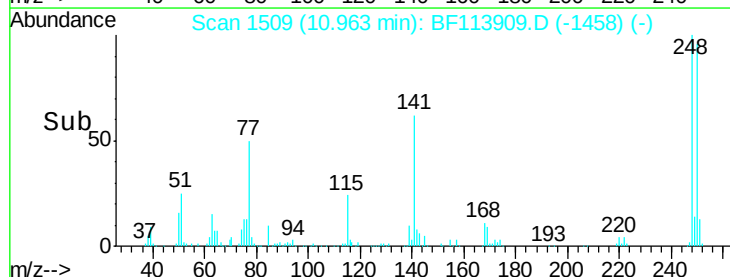
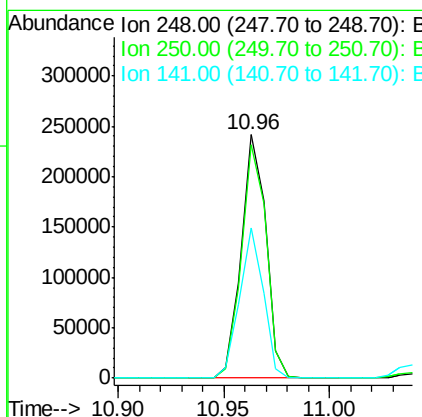
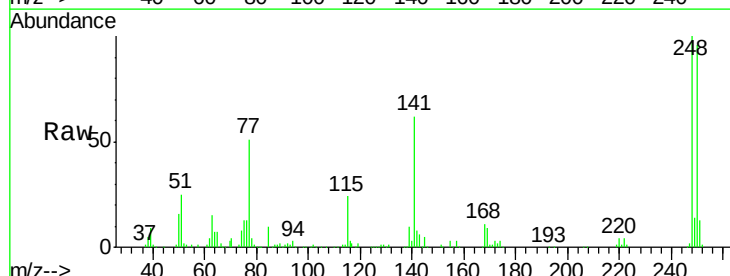
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

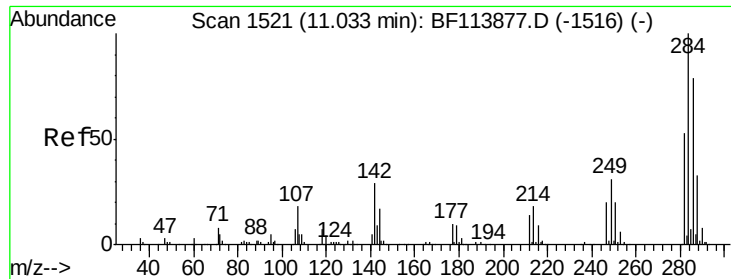
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.3	81.5
167	35.4	29.4	44.0



#67
 4-Bromophenyl-phenylether
 Concen: 38.811 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	75.8	113.6
141	61.7	50.2	75.4

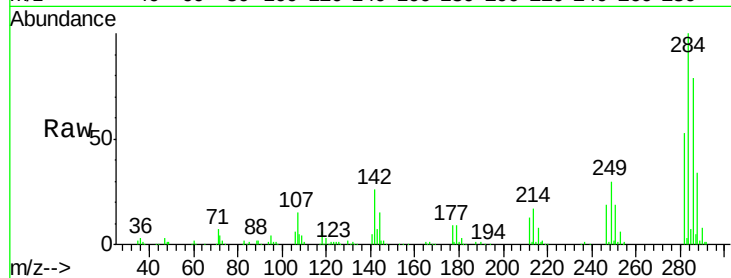




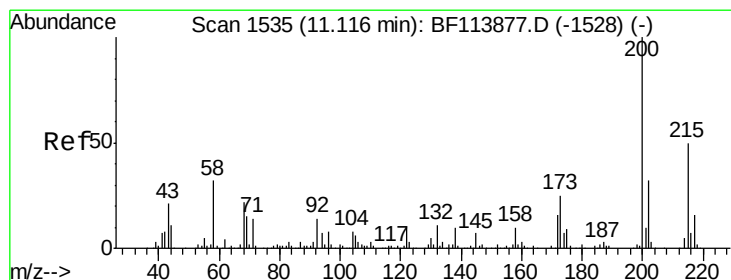
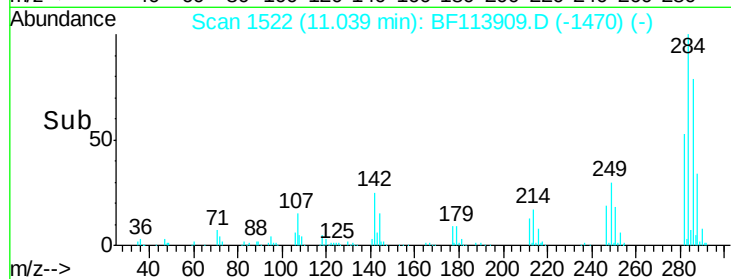
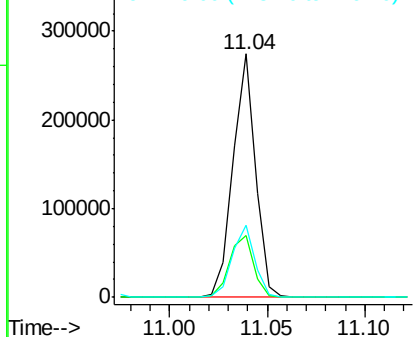
#68
Hexachlorobenzene
Concen: 39.599 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 218749
Ion Ratio Lower Upper
284 100
142 25.6 23.0 34.4
249 29.7 24.4 36.6

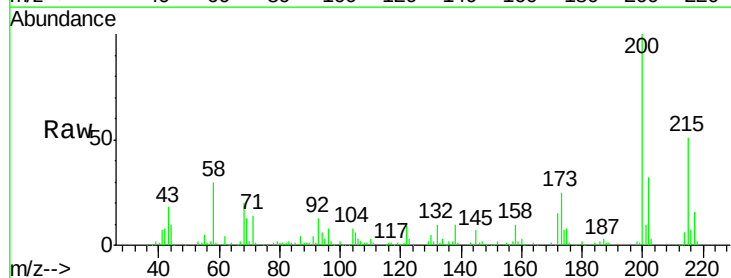


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

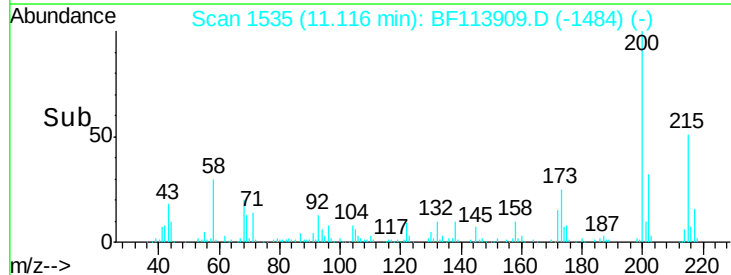
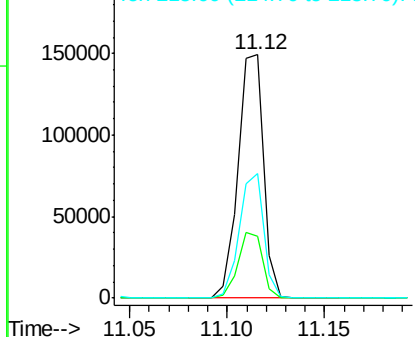


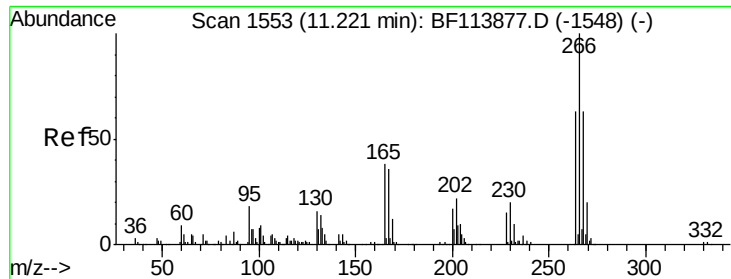
#69
Atrazine
Concen: 33.294 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Tgt Ion:200 Resp: 135234
Ion Ratio Lower Upper
200 100
173 25.3 5.9 45.9
215 51.1 29.3 69.3



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

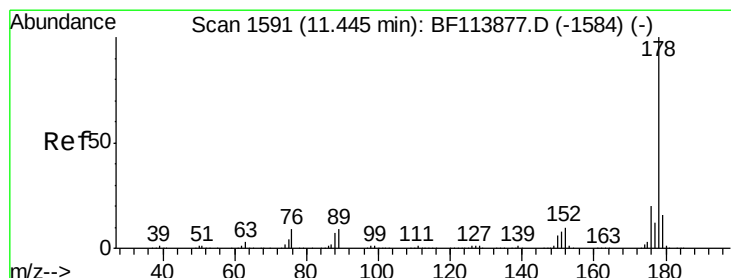
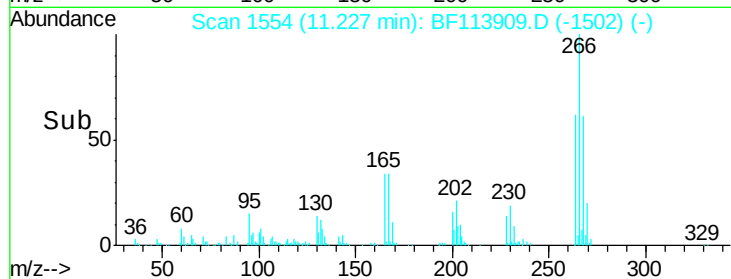
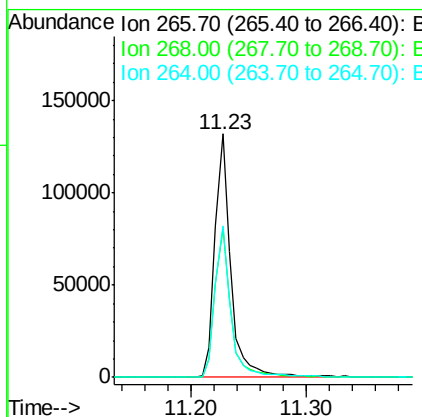
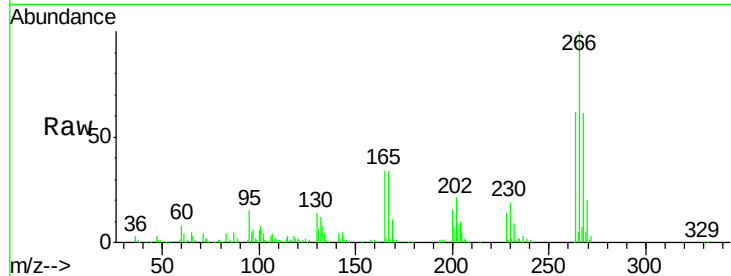




#70
 Pentachlorophenol
 Concen: 40.543 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

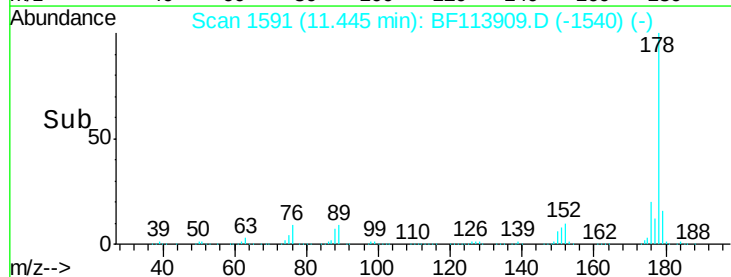
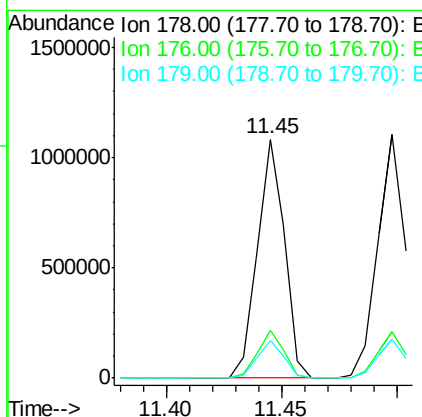
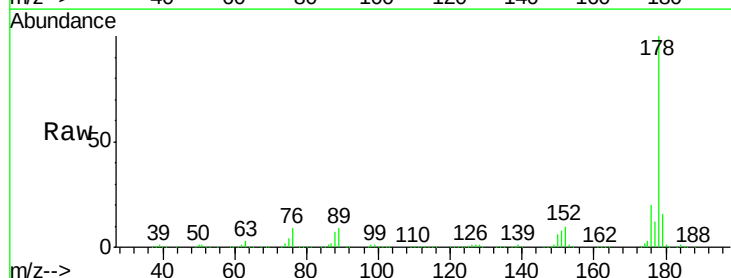
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

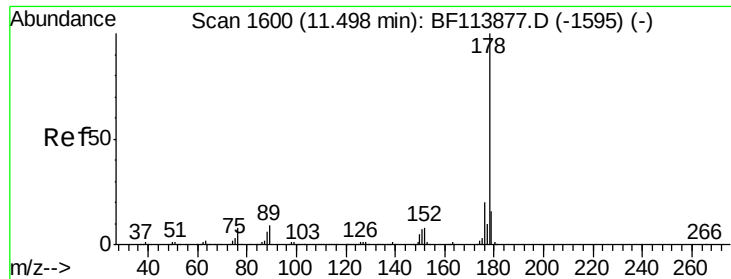
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	53.5	80.3
264	62.0	51.0	76.6



#71
 Phenanthrene
 Concen: 42.416 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.1	24.1
179	15.9	12.8	19.2

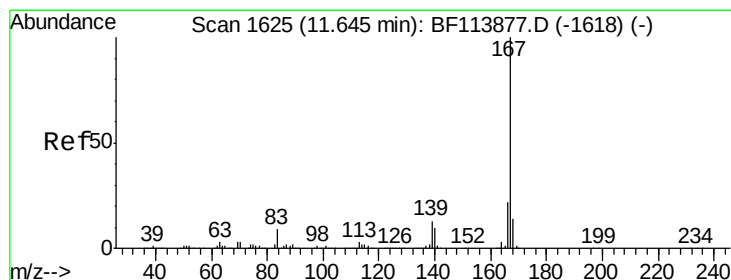
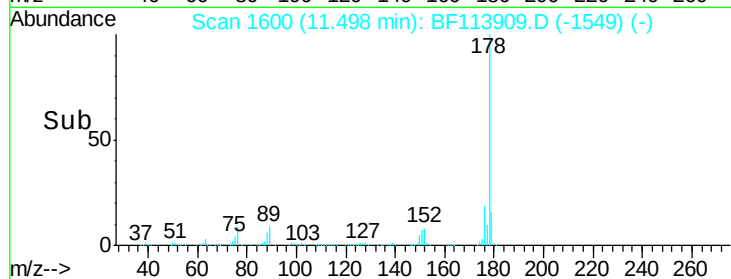
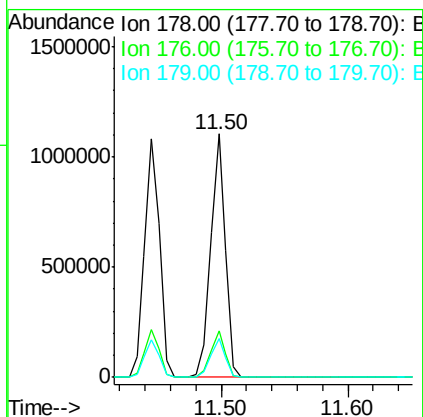
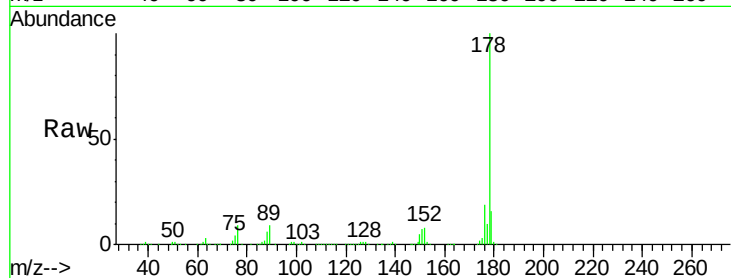




#72
 Anthracene
 Concen: 42.859 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

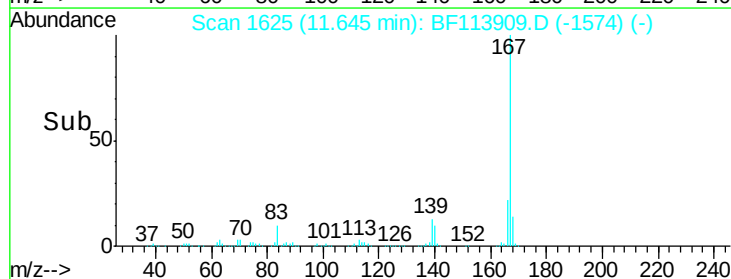
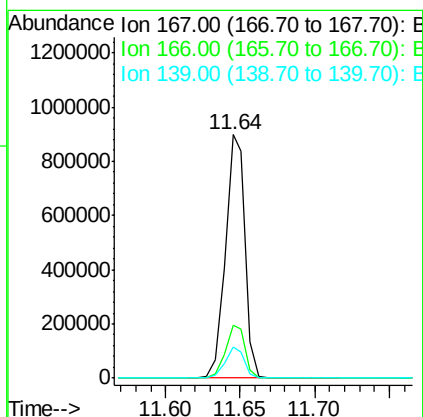
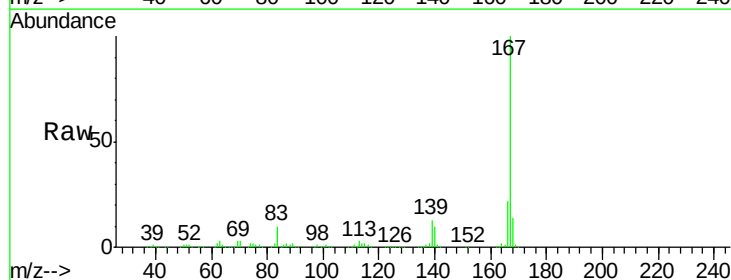
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

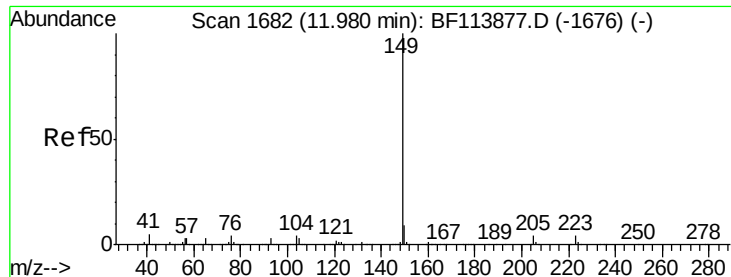
Tot Ion:178 Resp: 905111
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.7 23.5
 179 16.0 13.0 19.4



#73
 Carbazole
 Concen: 44.340 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion:167 Resp: 835398
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 12.6 10.0 15.0





#74

Di-n-butylphthalate

Concen: 43.767 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

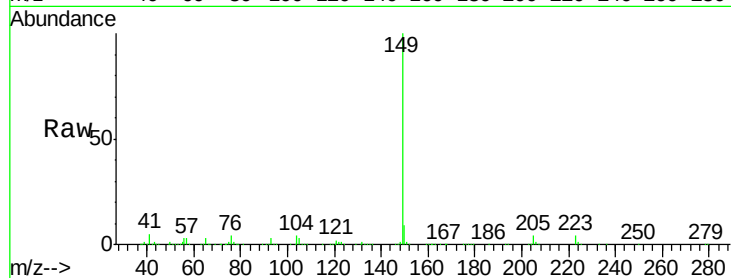
Tot Ion:149 Resp: 970004

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

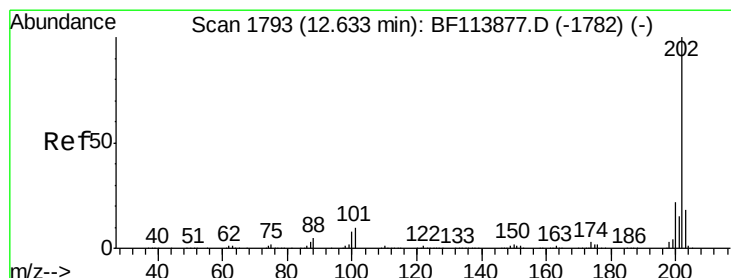
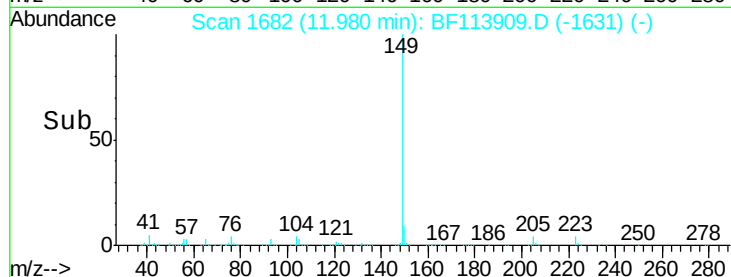
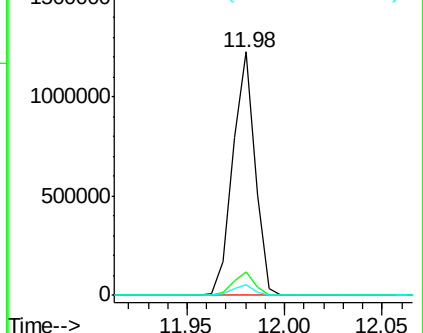
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 45.825 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

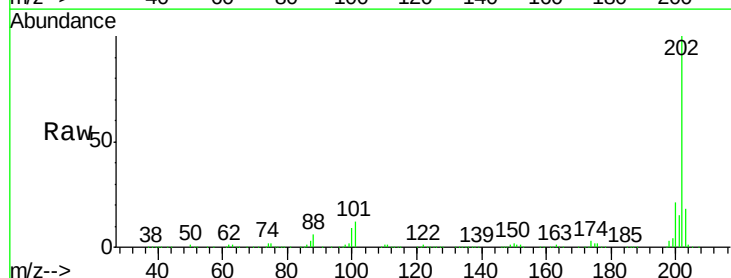
Tgt Ion:202 Resp: 1045552

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.9

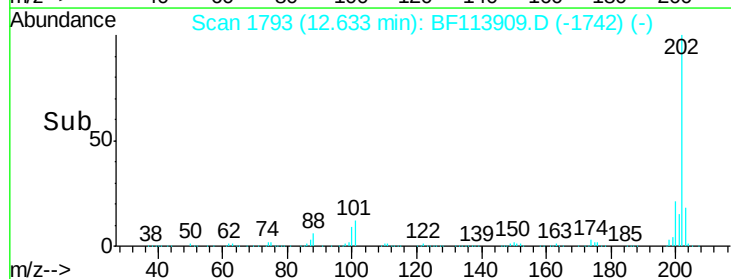
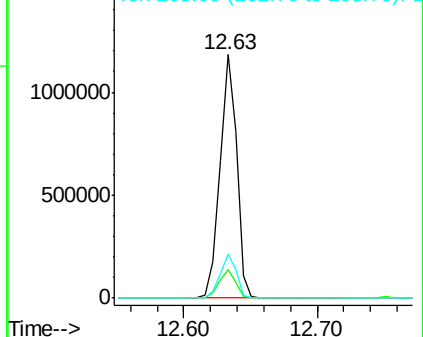
203 18.1 0.0 38.2

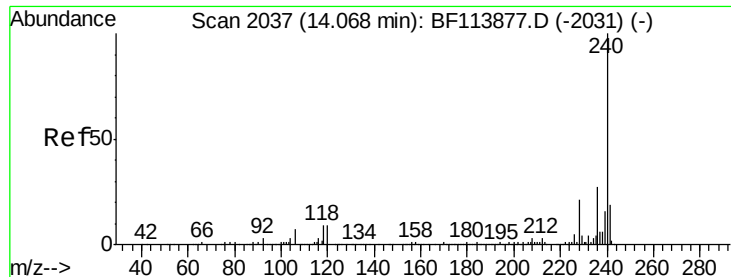


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

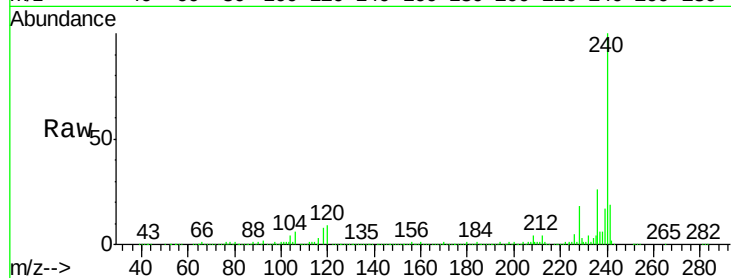
Tot Ion:240 Resp: 381716

Ion Ratio Lower Upper

240 100

120 8.9 9.3 13.9#

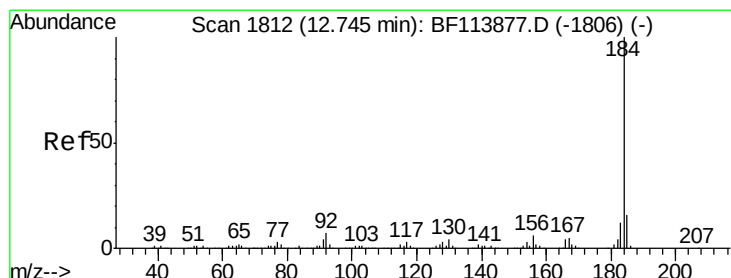
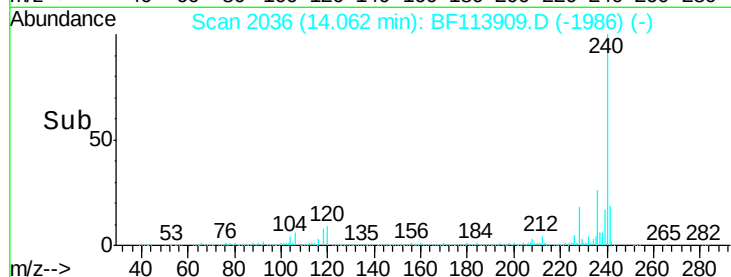
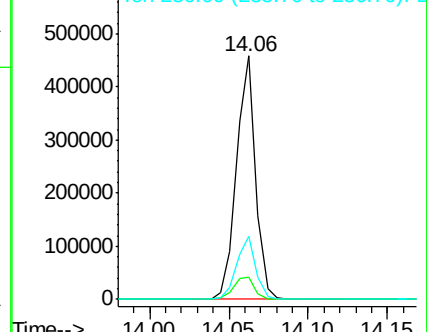
236 25.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 65.533 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

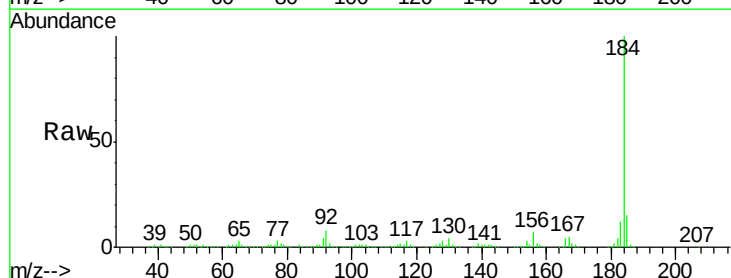
Tgt Ion:184 Resp: 745339

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

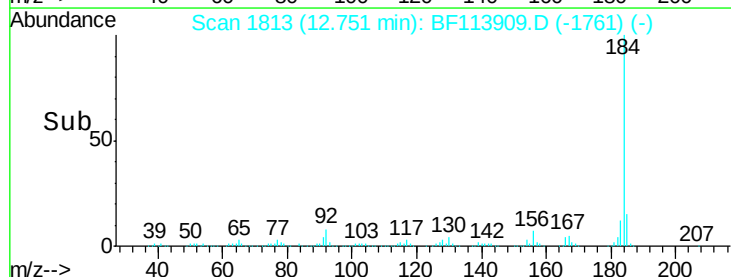
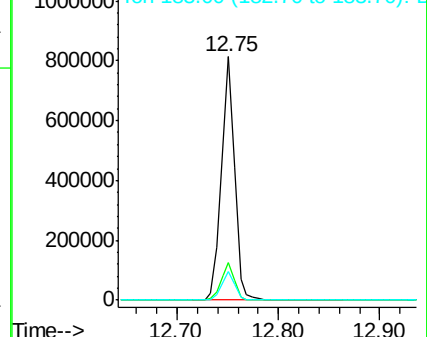
183 11.6 9.4 14.0

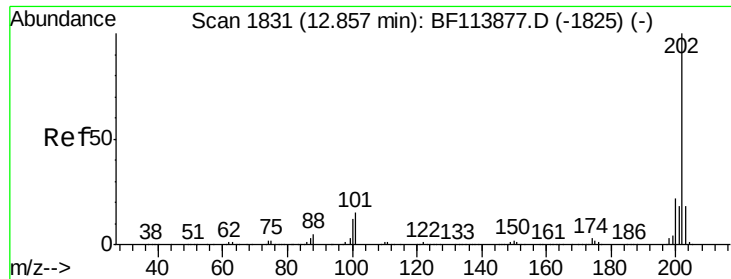


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

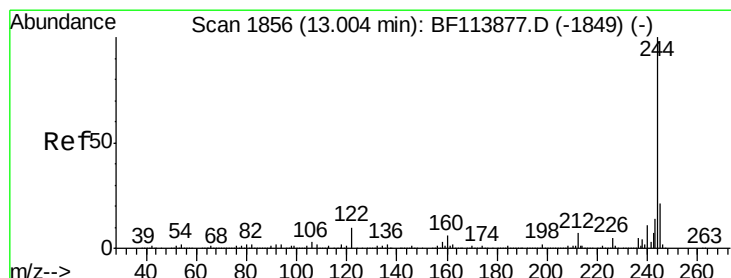
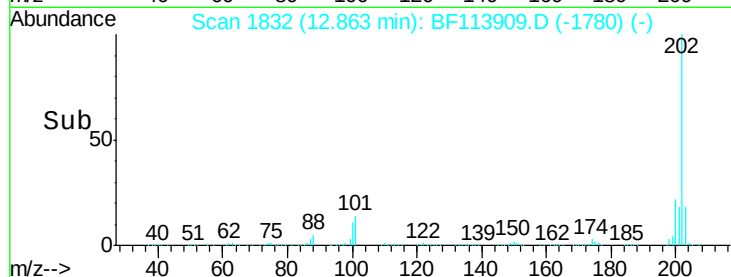
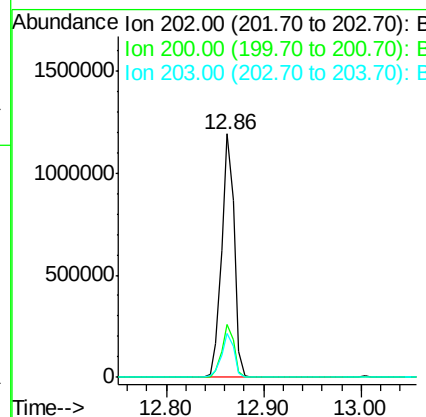
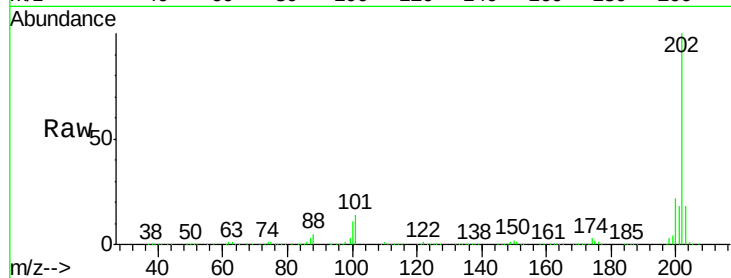




#78
Pvrene
Concen: 39.648 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

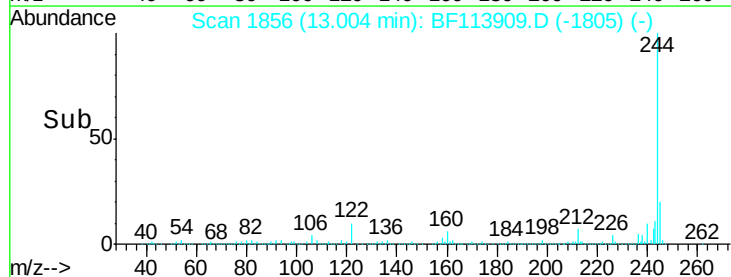
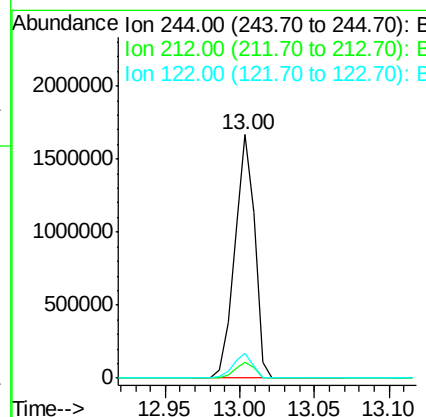
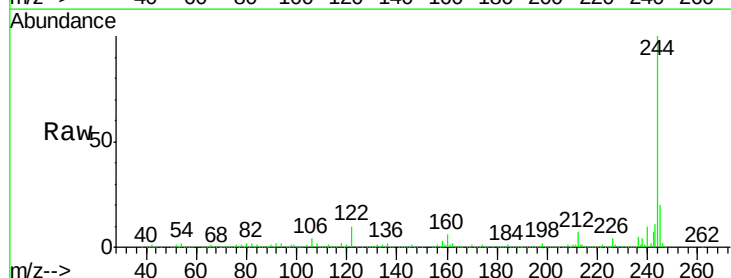
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

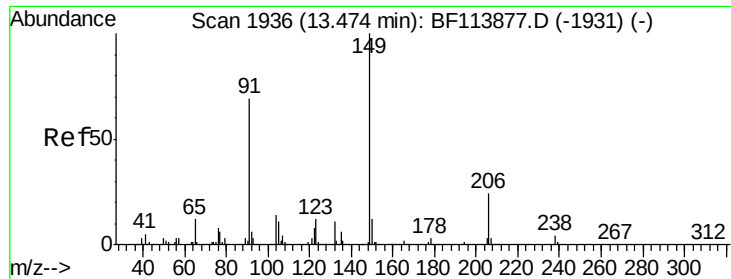
Tot Ion:202 Resp: 1058375
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 18.1 15.0 22.6



#79
Terphenyl-d14
Concen: 84.357 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Tgt Ion:244 Resp: 1570651
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.4 7.6 11.4

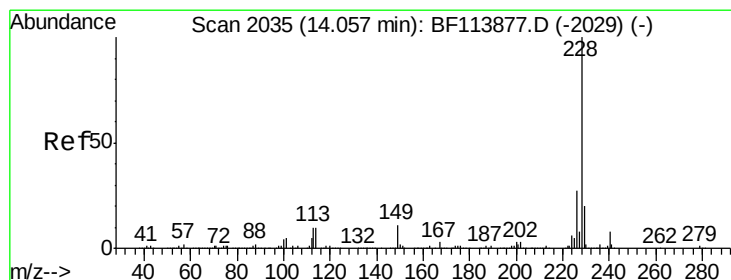
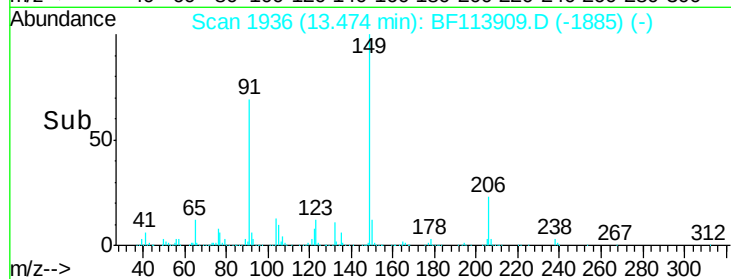
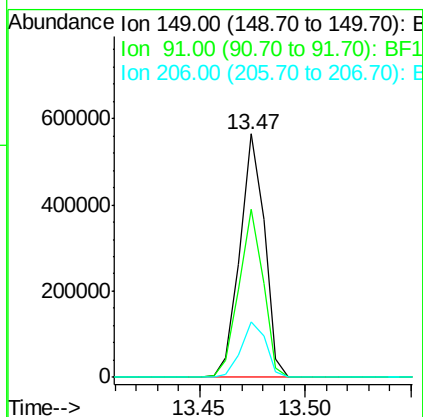
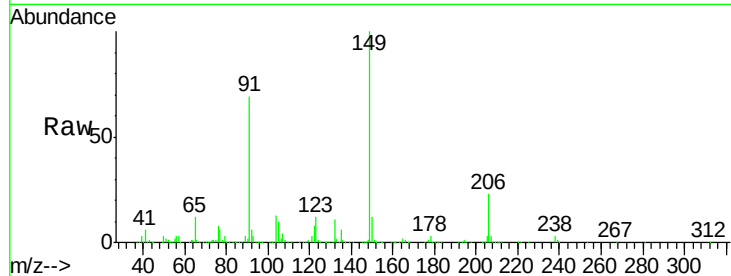




#80
Butylbenzylphthalate
Concen: 43.284 ng
RT: 13.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

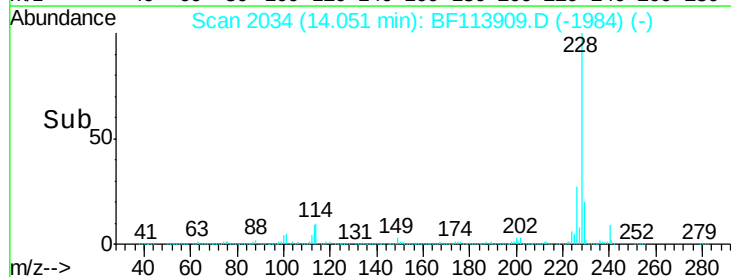
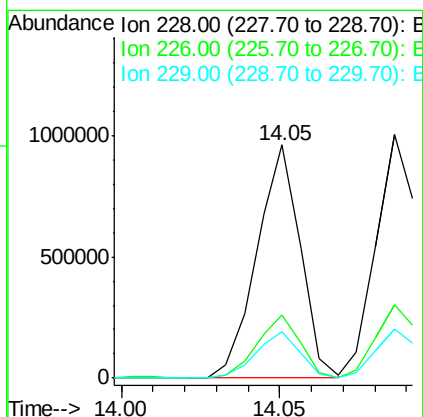
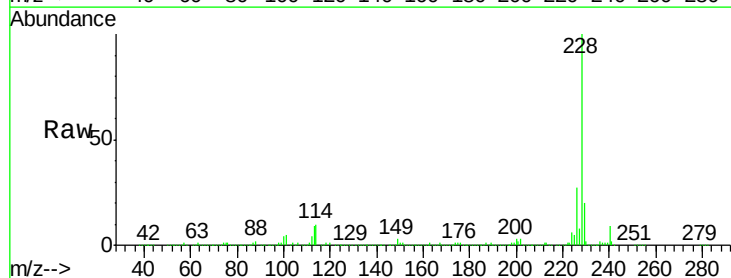
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

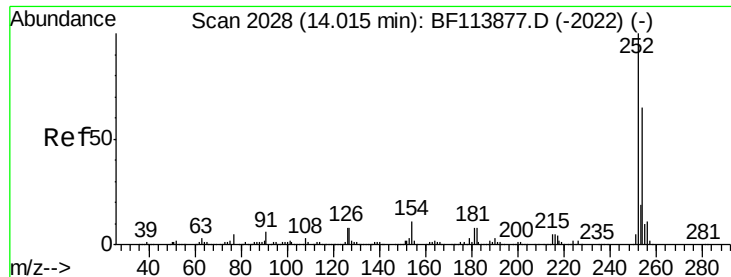
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	56.3	84.5
206	22.7	19.0	28.6



#81
Benzo(a)anthracene
Concen: 40.590 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.2
229	19.8	16.0	24.0

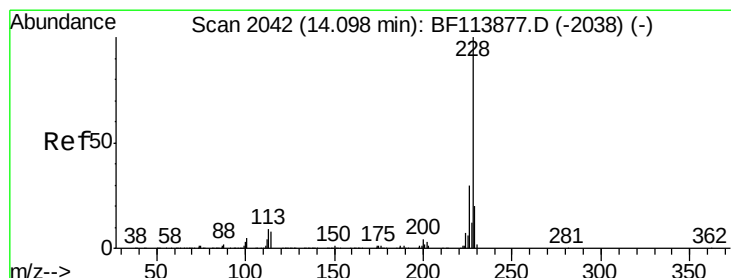
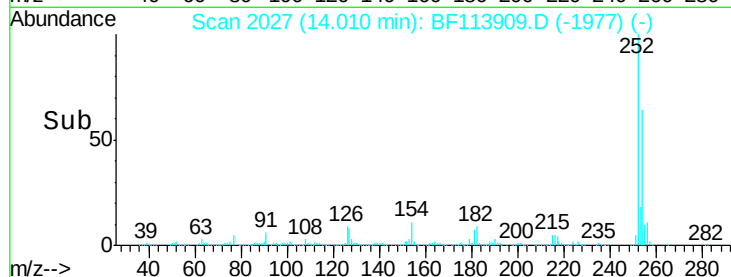
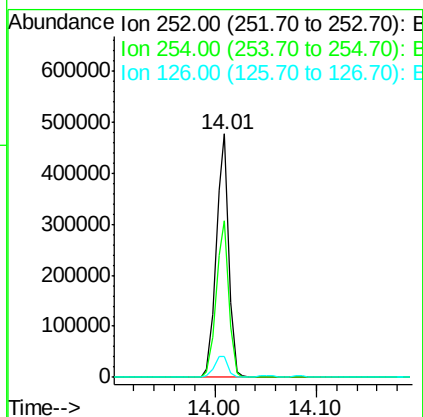
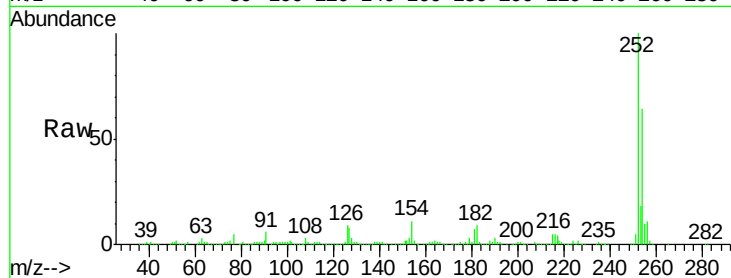




#82
 3,3'-Dichlorobenzidine
 Concen: 49.596 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

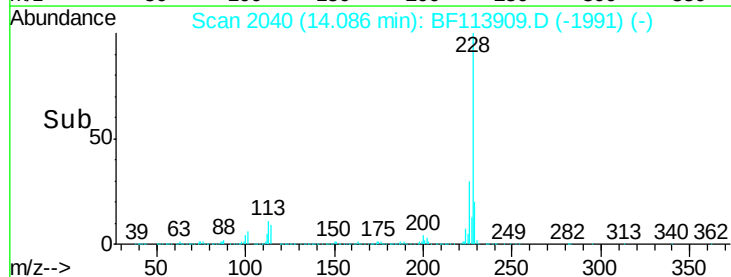
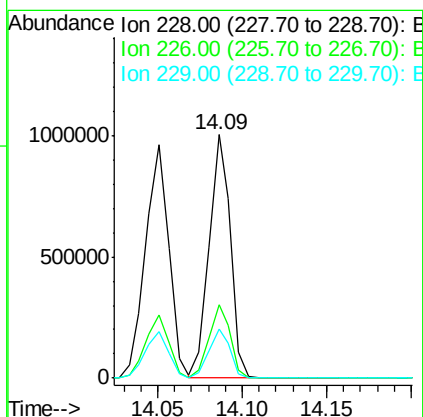
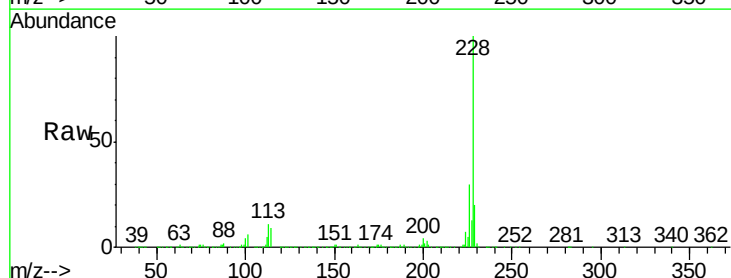
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

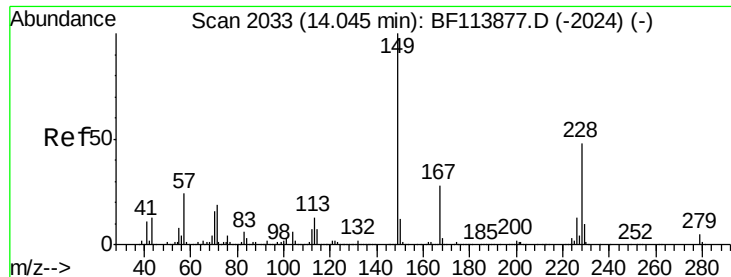
Tot Ion:252 Resp: 408836
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.1 78.1
 126 8.7 9.3 13.9#



#83
 Chrysene
 Concen: 40.549 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion:228 Resp: 888158
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.2 37.8
 229 20.0 16.7 25.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 47.291 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

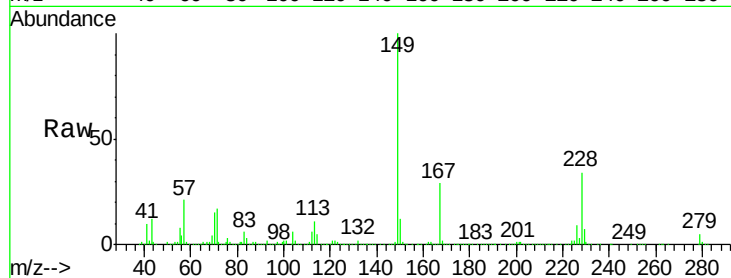
Tot Ion:149 Resp: 631941

Ion Ratio Lower Upper

149 100

167 29.1 22.9 34.3

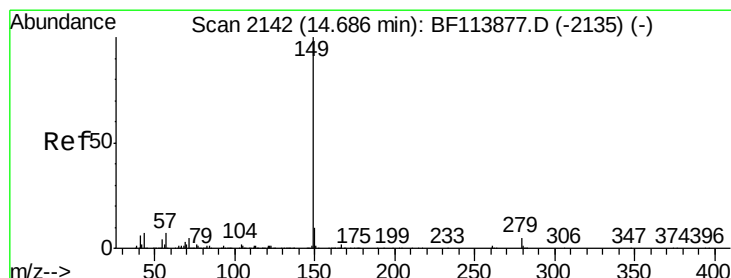
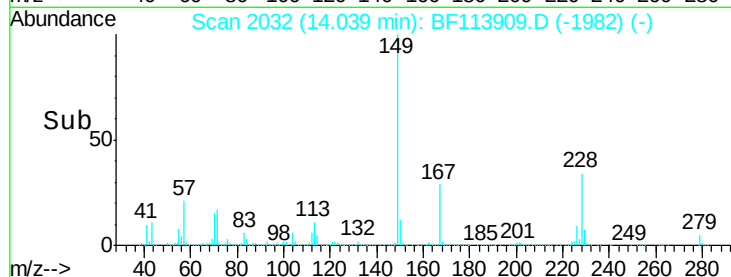
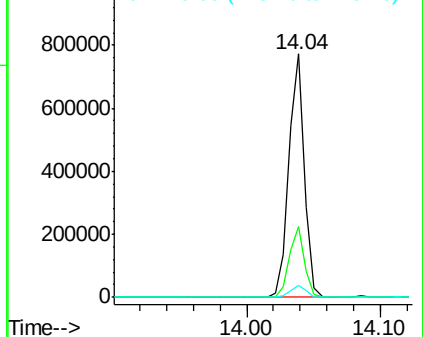
279 5.1 4.2 6.2



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: 49.159 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.04 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

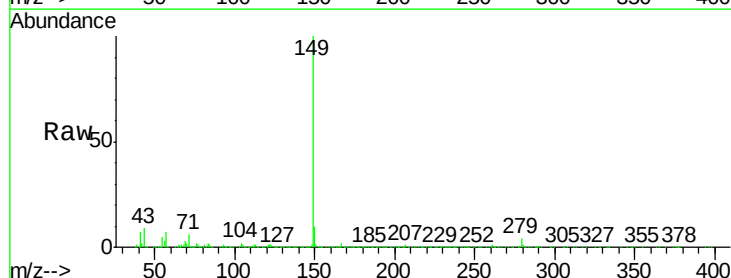
Tgt Ion:149 Resp: 1028196

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

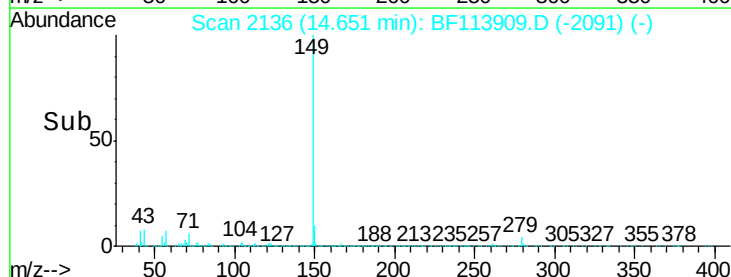
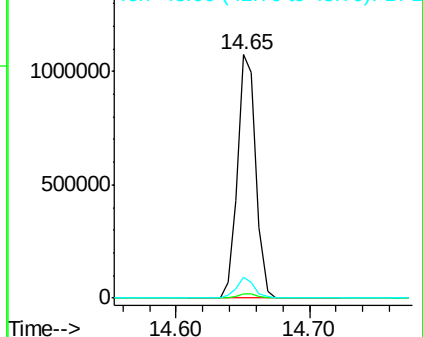
43 7.7 6.6 10.0

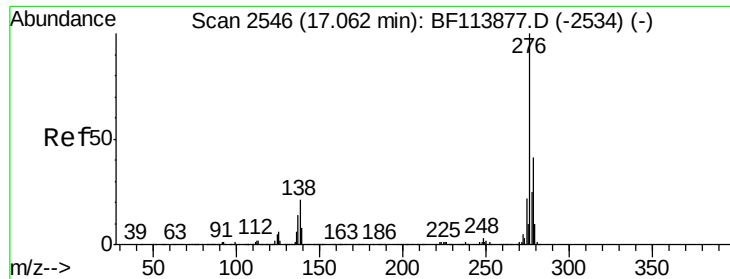


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

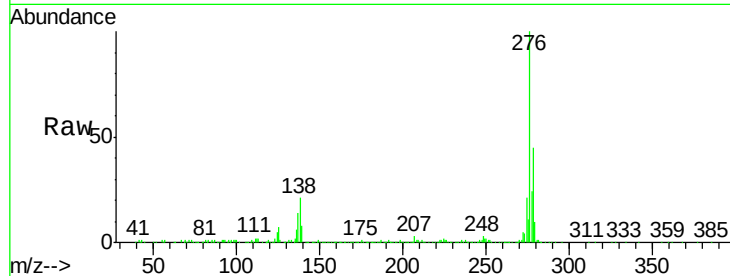




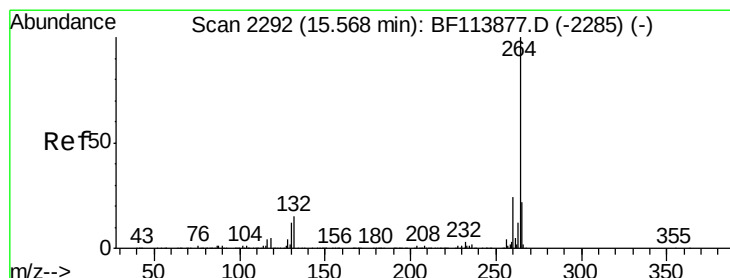
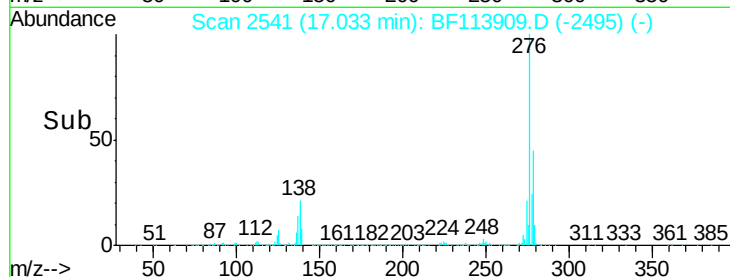
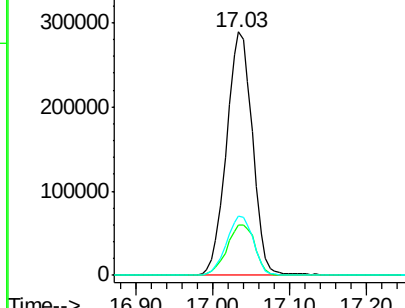
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 32.893 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. -0.03 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.6	29.4
277	24.8	20.2	30.4

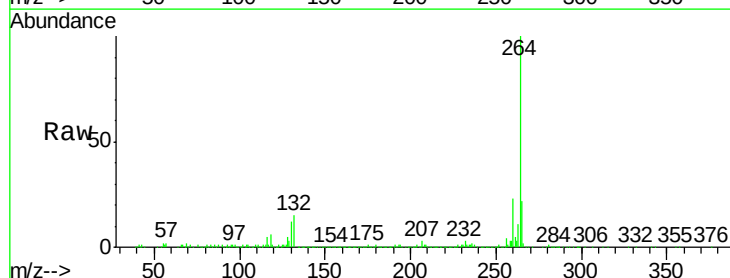


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

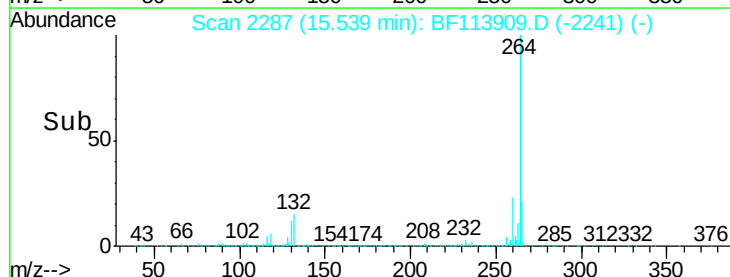
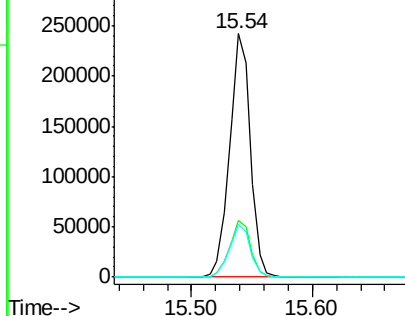


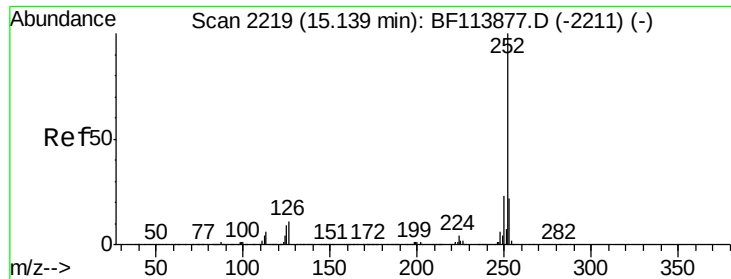
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.8	17.3	25.9



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





#88

Benzo(b)fluoranthene

Concen: 39.751 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.03 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

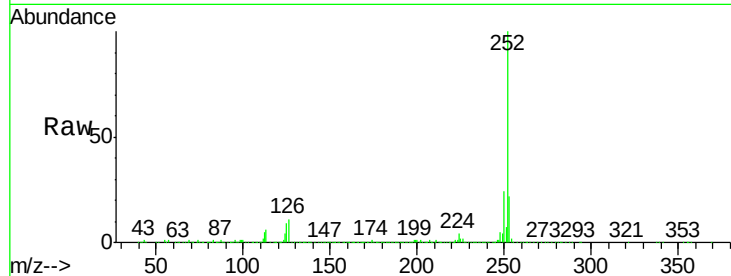
Tot Ion:252 Resp: 726498

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

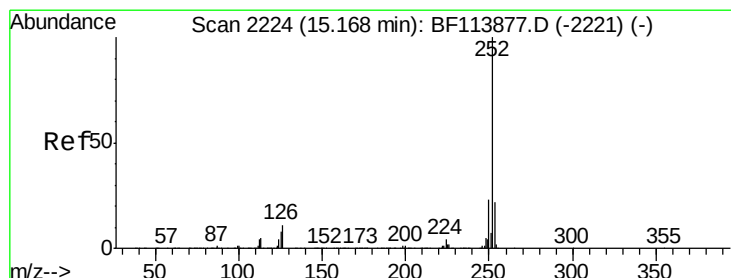
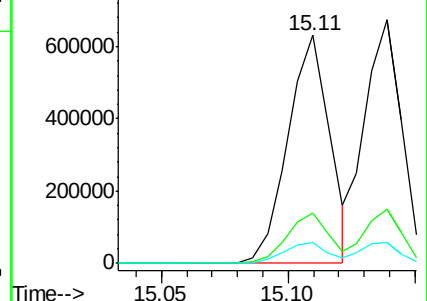
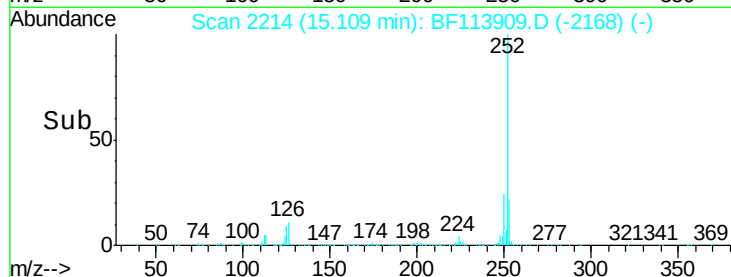
125 9.0 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 43.886 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.03 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

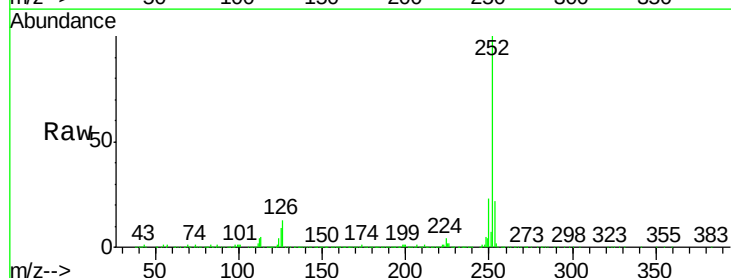
Tgt Ion:252 Resp: 689923

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

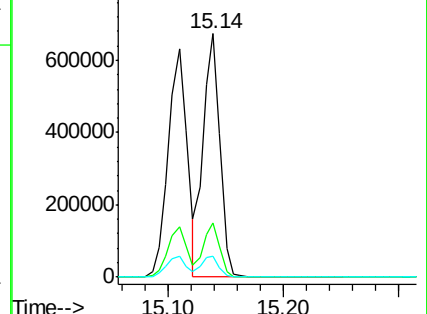
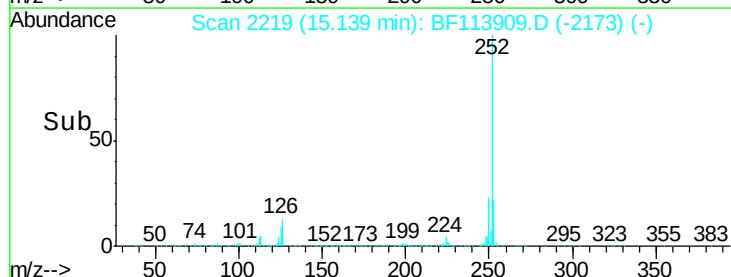
125 8.8 7.4 11.2

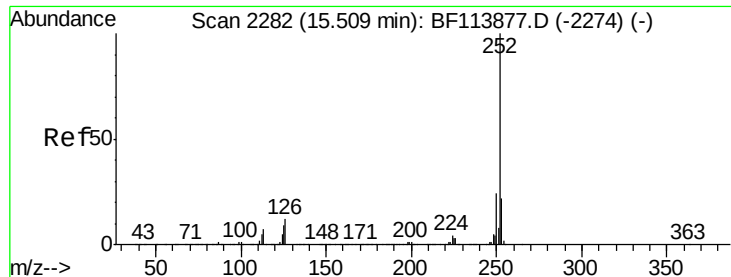


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 40.088 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.03 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

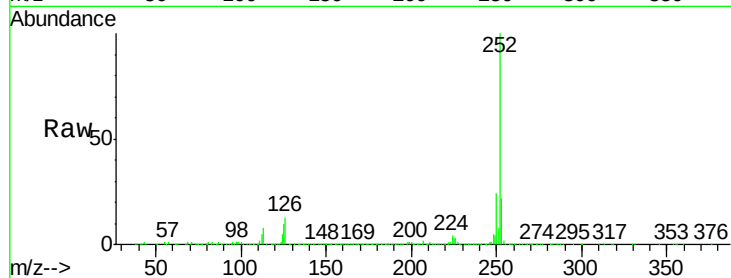
Tot Ion:252 Resp: 633705

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

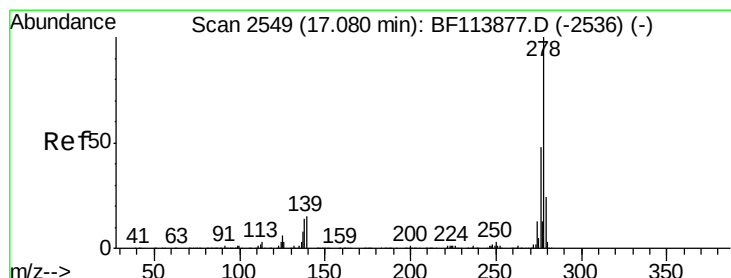
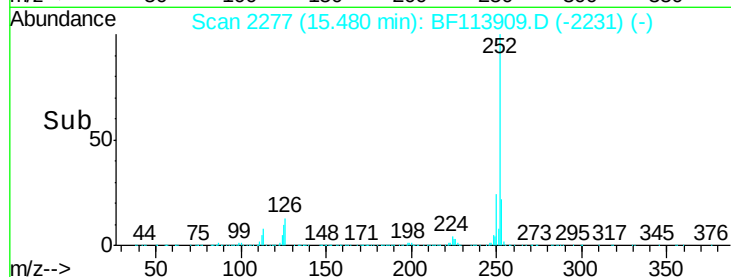
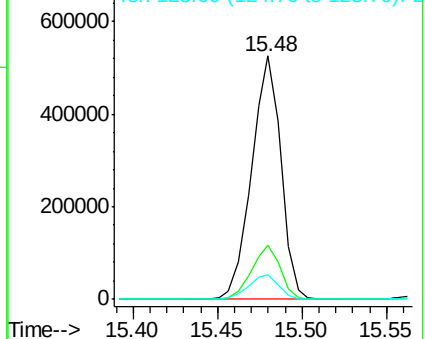
125 10.3 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 38.681 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.03 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

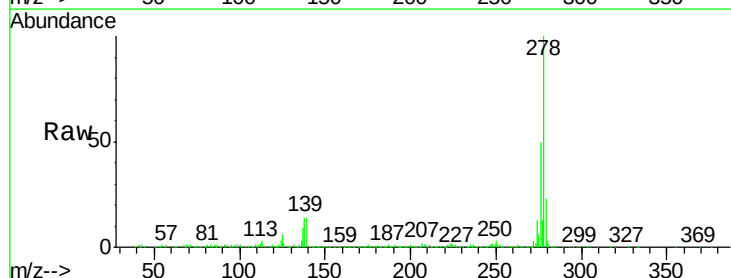
Tgt Ion:278 Resp: 574000

Ion Ratio Lower Upper

278 100

139 13.9 11.6 17.4

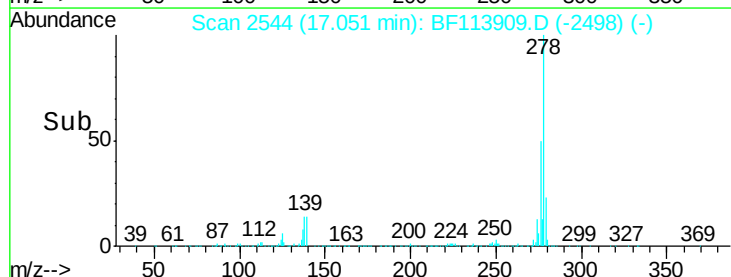
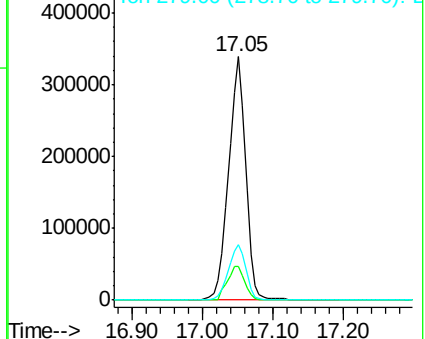
279 23.0 19.0 28.6

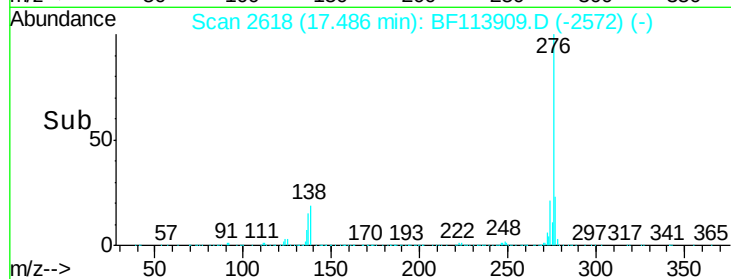
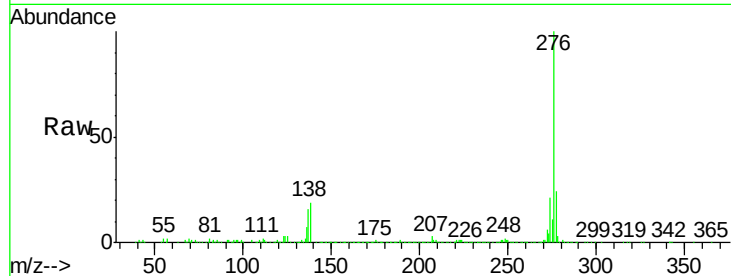
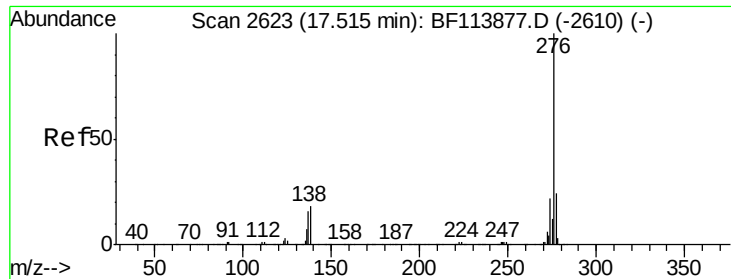


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 36.379 ng

RT: 17.49 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 544786

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 18.7 16.6 25.0

