

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113909.D
 Acq On : 23 Apr 2019 6:09
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

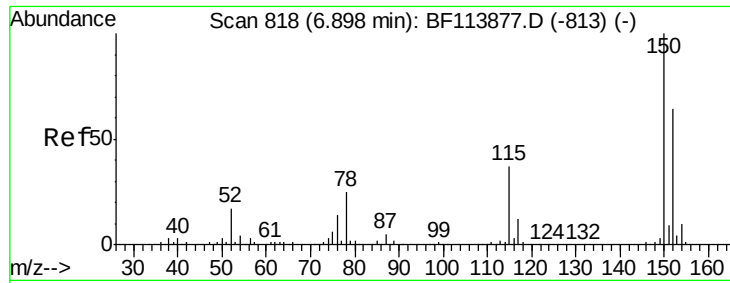
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113909.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	6200	1.713	ng	97
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

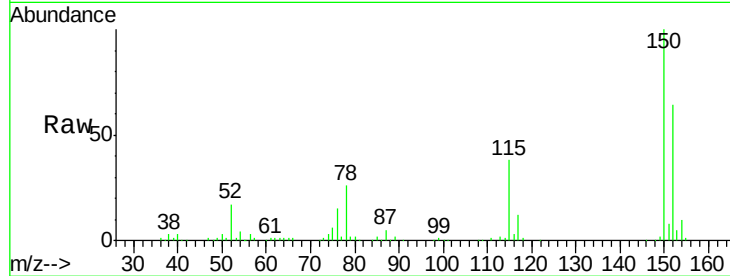
Tgt Ion:152 Resp: 114673

Ion Ratio Lower Upper

152 100

150 156.8 125.9 188.9

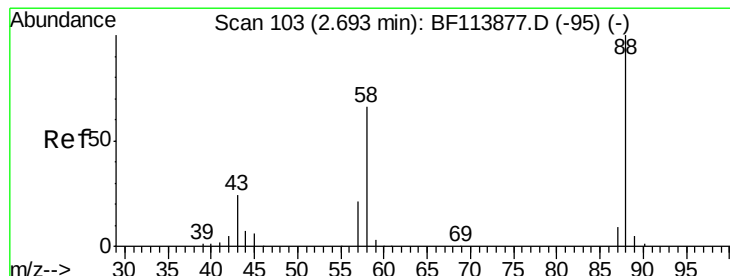
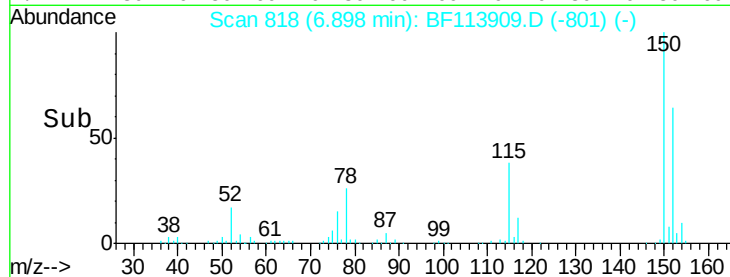
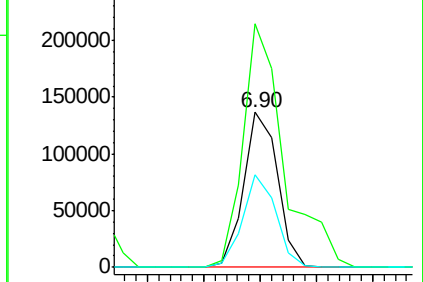
115 59.6 45.9 68.9



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

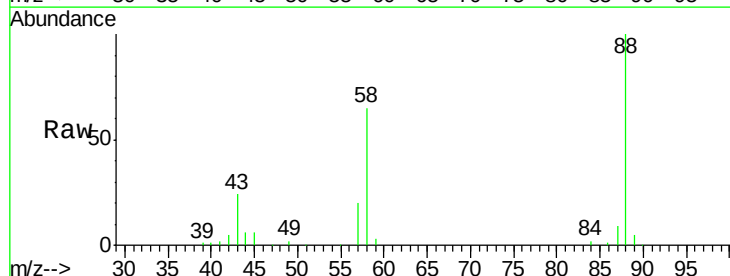
Tgt Ion: 88 Resp: 141565

Ion Ratio Lower Upper

88 100

58 61.8 53.3 79.9

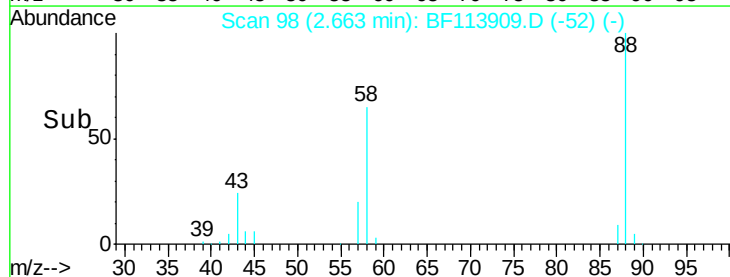
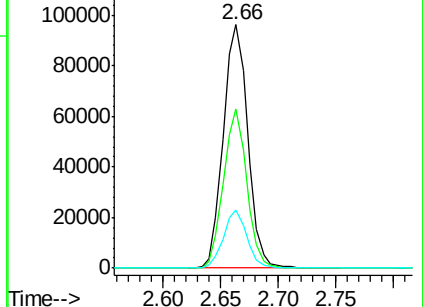
43 22.8 19.0 28.4

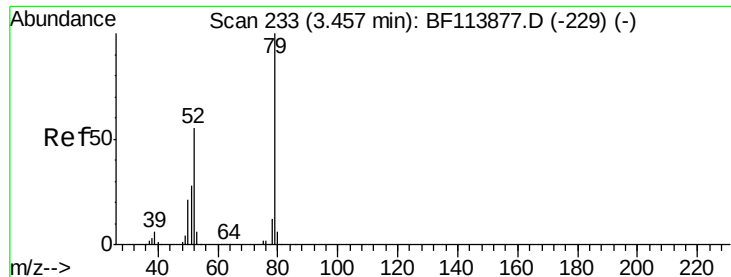


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

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

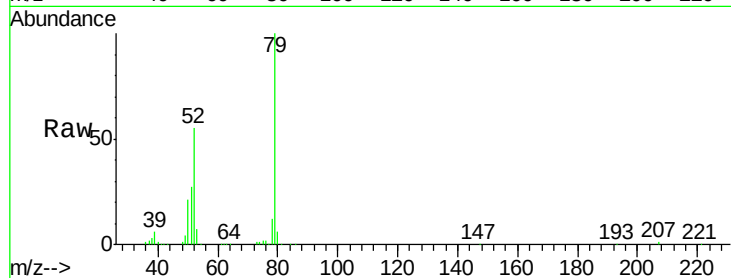
Tgt Ion: 79 Resp: 368515

Ion Ratio Lower Upper

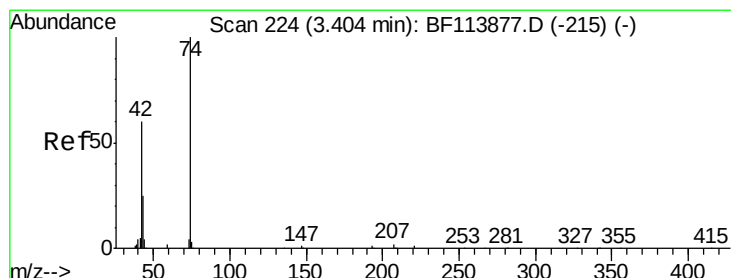
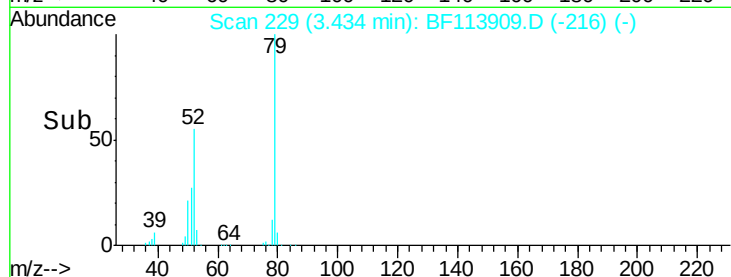
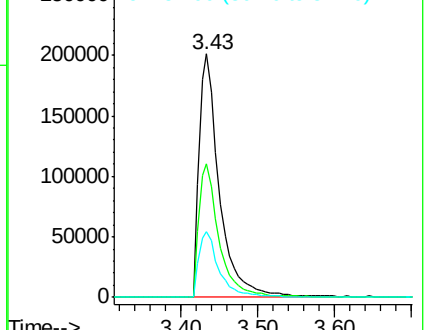
79 100

52 55.0 45.3 67.9

51 27.2 22.1 33.1



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



#4

n-Nitrosodimethylamine

Concen: 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

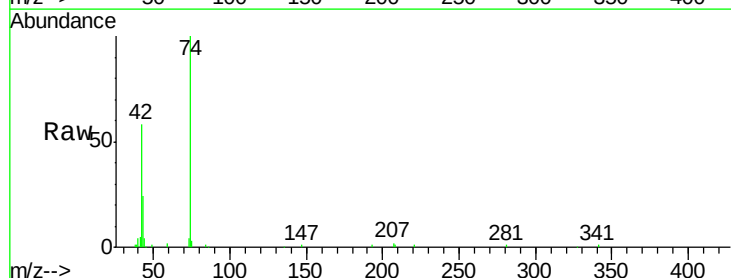
Tgt Ion: 42 Resp: 122796

Ion Ratio Lower Upper

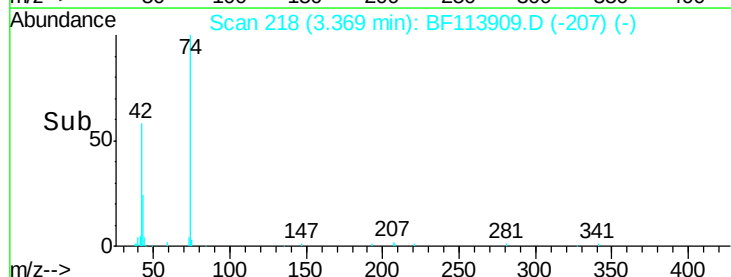
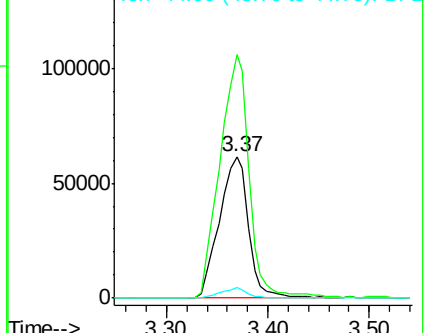
42 100

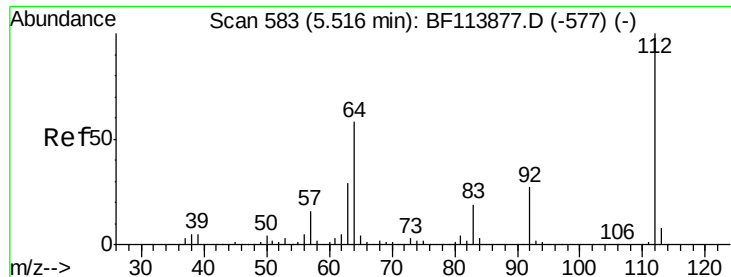
74 172.4 132.6 198.8

44 7.1 5.8 8.8



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





#5

2-Fluorophenol

Concen: 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 :

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SSTDCCC040

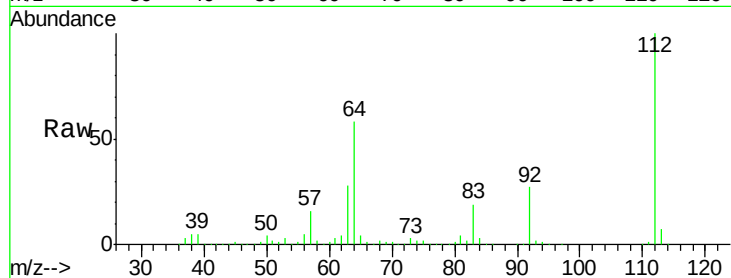
Tgt Ion: 112 Resp: 579398

Ion Ratio Lower Upper

112 100

64 58.1 46.6 69.8

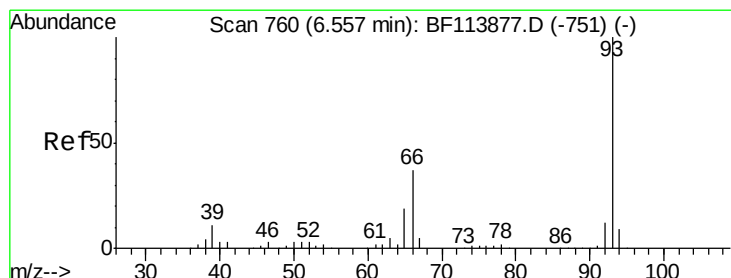
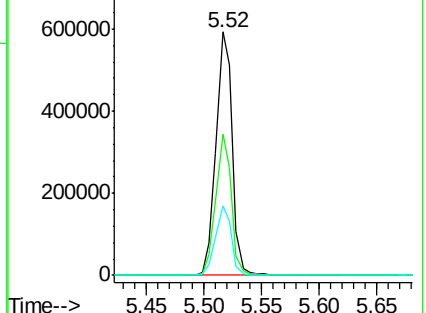
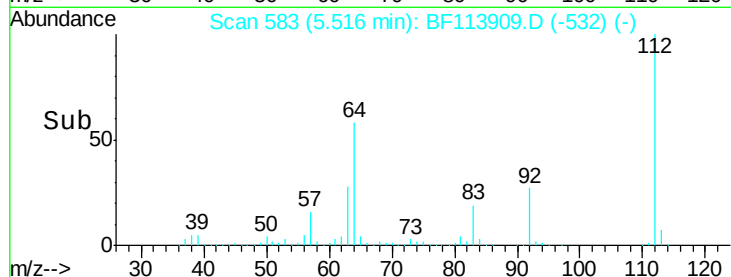
63 28.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

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

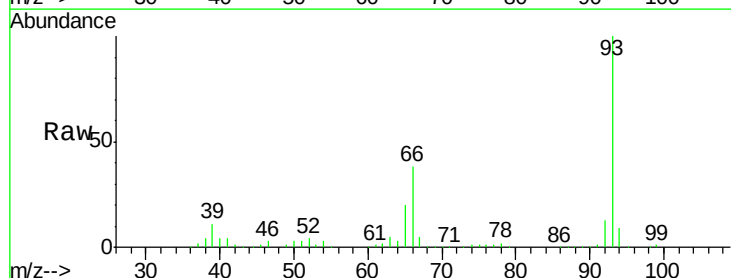
Tgt Ion: 93 Resp: 458071

Ion Ratio Lower Upper

93 100

66 37.8 29.8 44.6

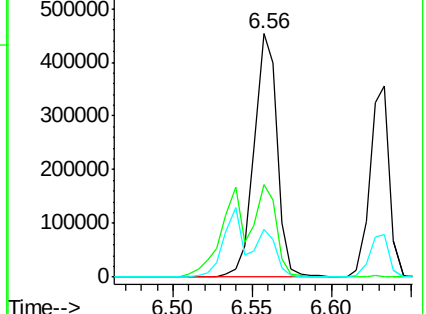
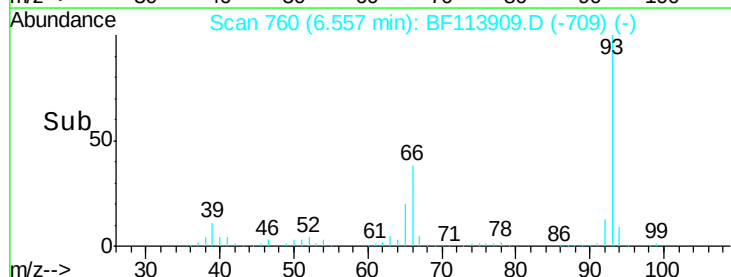
65 19.5 14.9 22.3

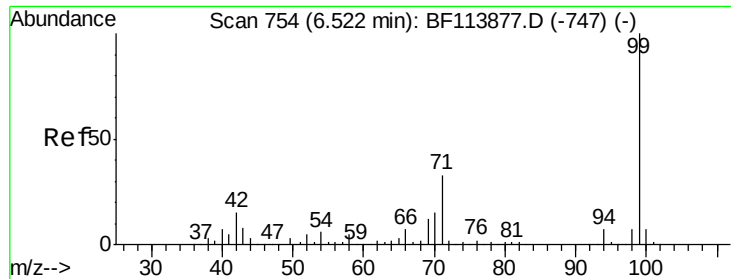


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

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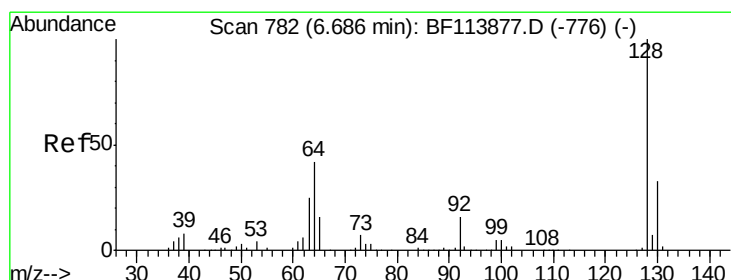
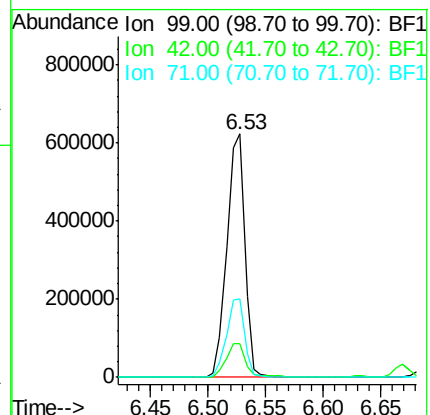
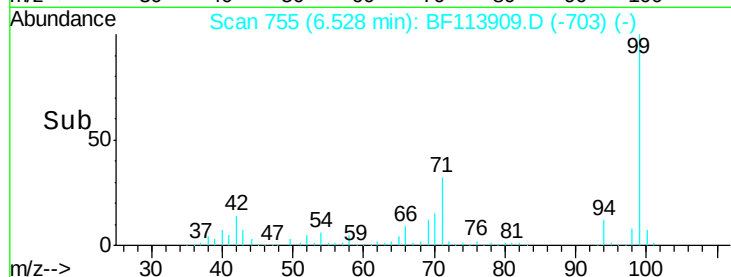
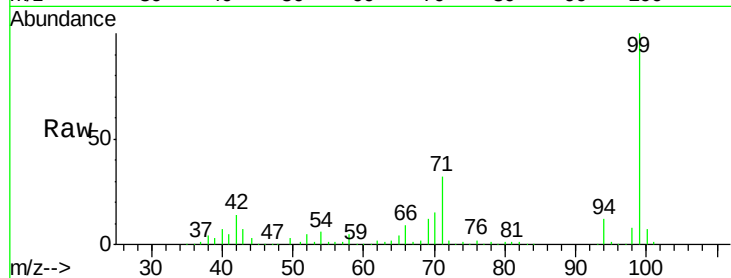
Tgt Ion: 99 Resp: 674442

Ion Ratio Lower Upper

99 100

42 14.1 12.5 18.7

71 32.1 26.9 40.3



#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

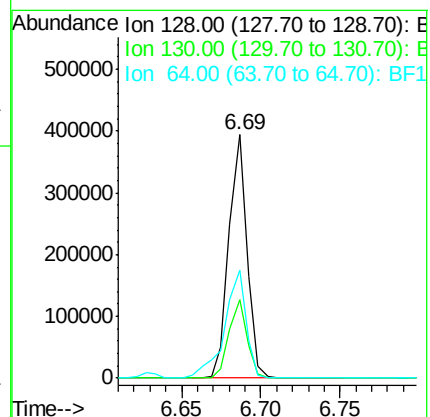
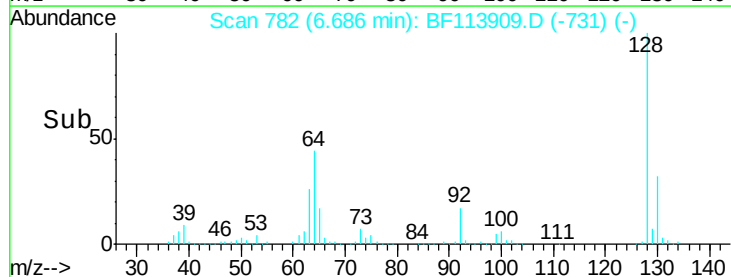
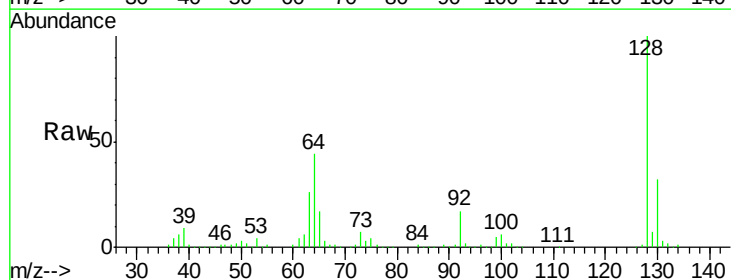
Tgt Ion: 128 Resp: 313951

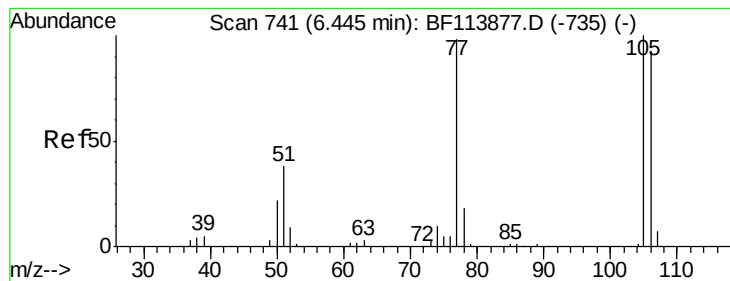
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 44.1 26.1 66.1





#9

Benzaldehyde

Concen: 42.026 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

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SSTDCCC040

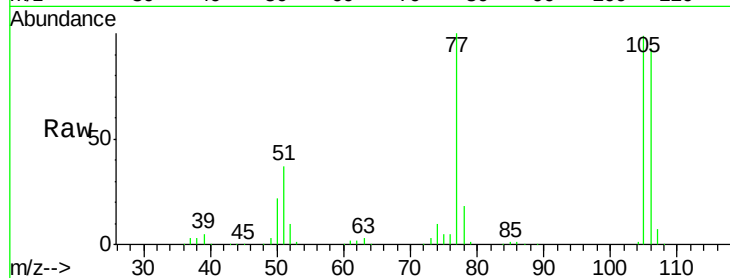
Tgt Ion: 77 Resp: 197487

Ion Ratio Lower Upper

77 100

105 98.6 74.1 114.1

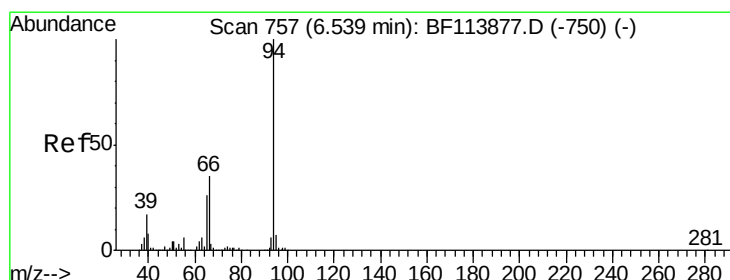
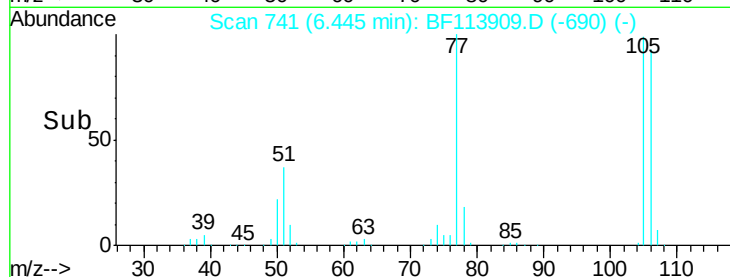
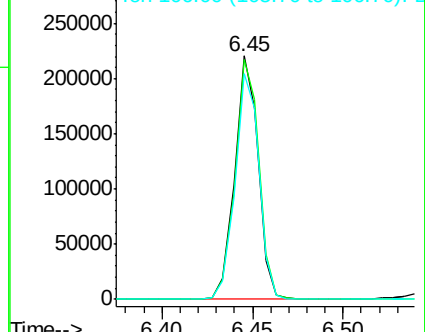
106 92.9 70.3 110.3



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

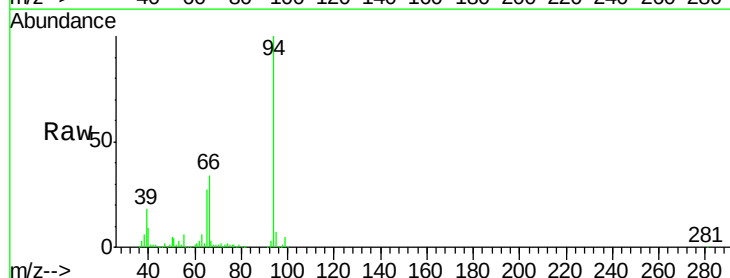
Tgt Ion: 94 Resp: 402578

Ion Ratio Lower Upper

94 100

65 26.5 8.1 48.1

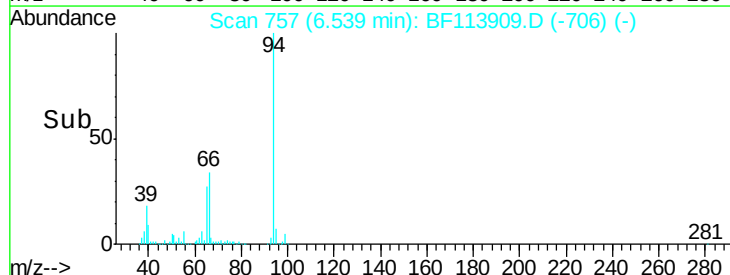
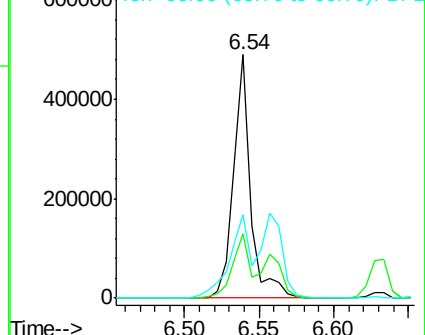
66 34.3 16.6 56.6

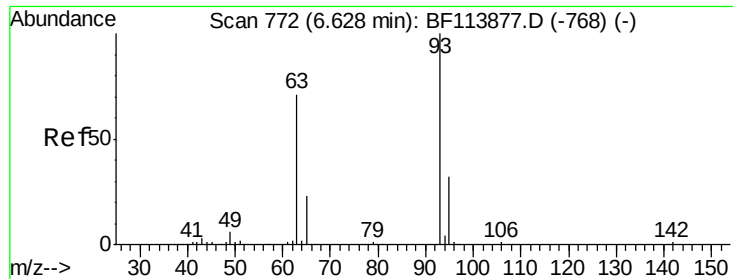


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

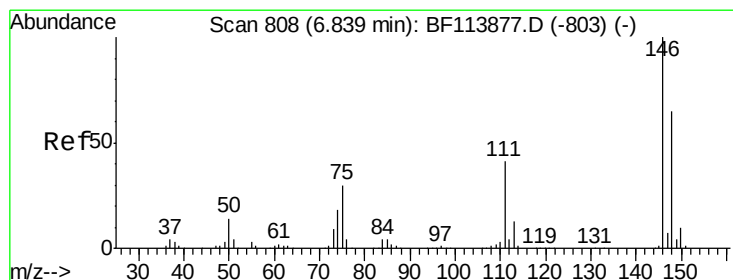
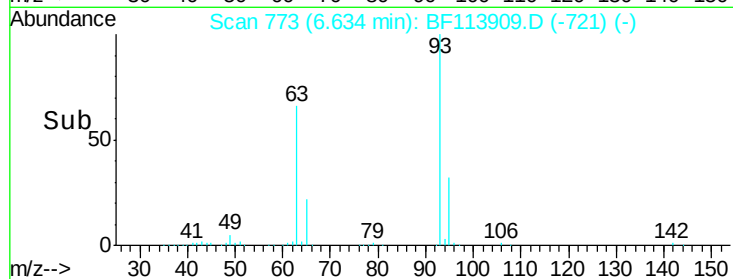
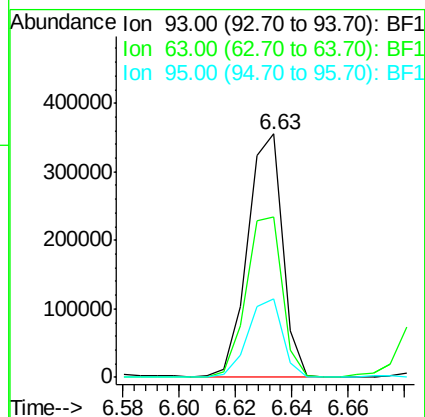
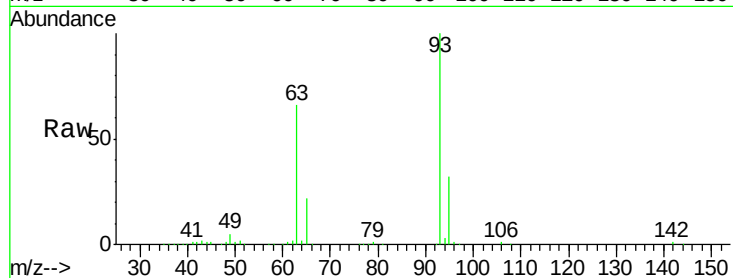




#11
 bis(2-Chloroethyl)ether
 Concen: 40.266 ng
 RT: 6.63 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

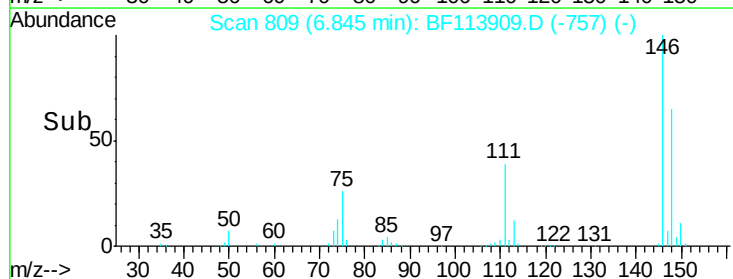
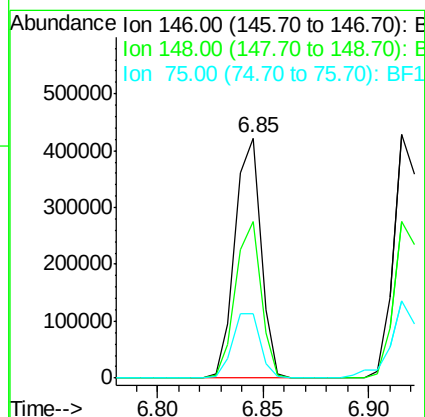
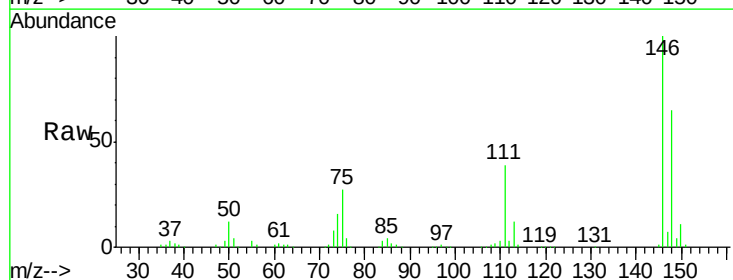
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

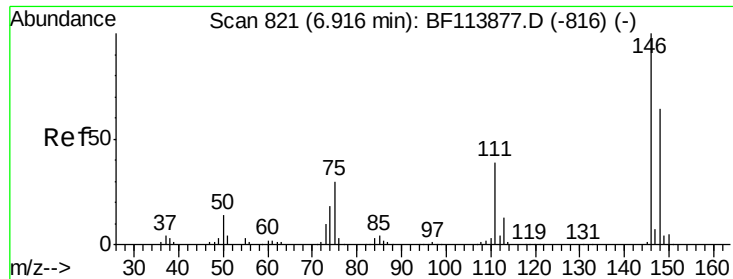
Tgt Ion: 93 Resp: 304782
 Ion Ratio Lower Upper
 93 100
 63 65.7 50.7 90.7
 95 32.1 12.3 52.3



#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

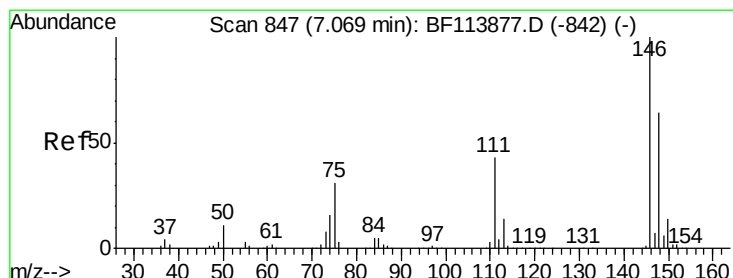
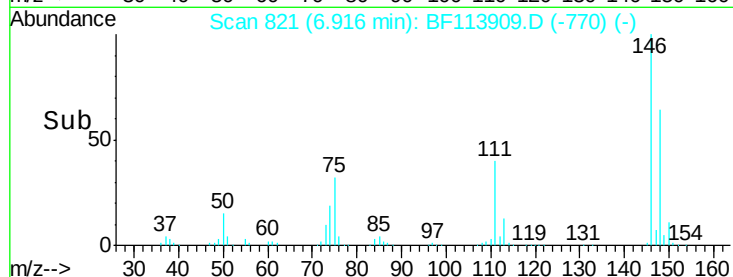
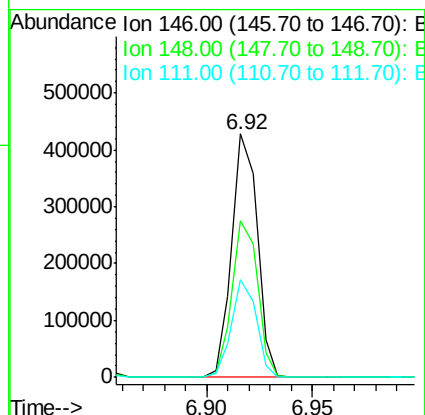
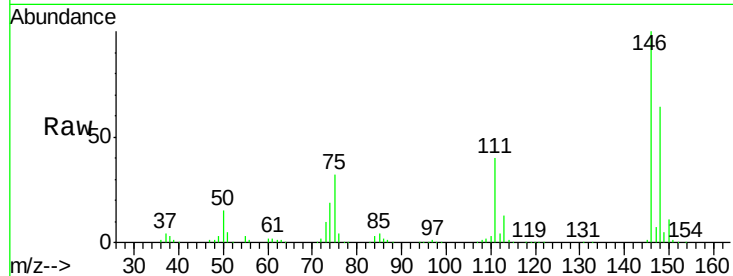




#13
 1,4-Dichlorobenzene
 Concen: 40.891 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

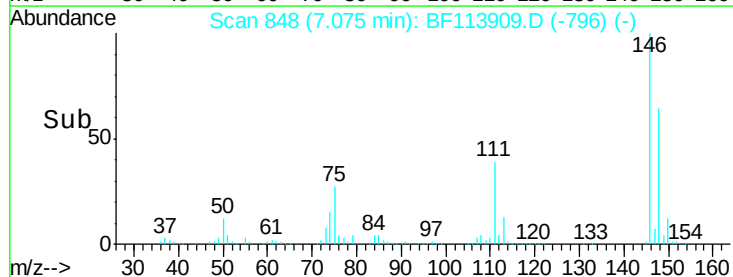
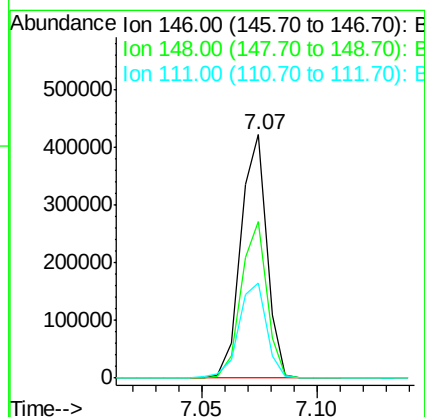
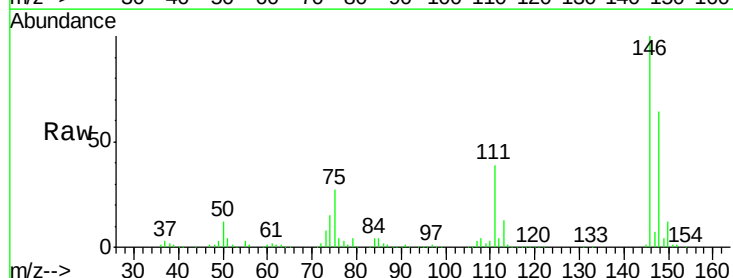
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

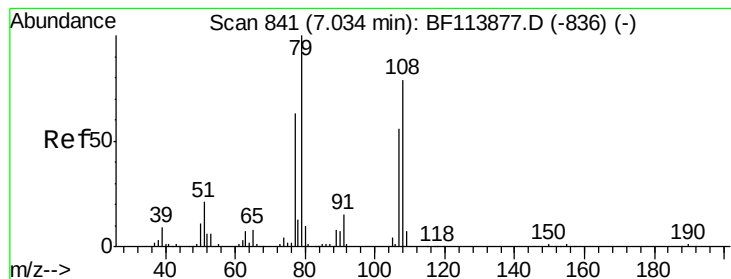
Tgt Ion:146 Resp: 356563
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.8
 111 40.2 30.9 46.3



#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

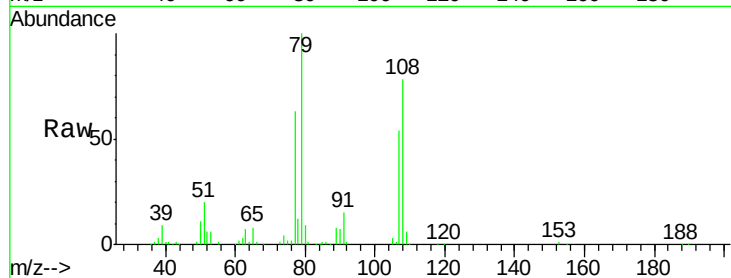
Tgt Ion: 79 Resp: 226969

Ion Ratio Lower Upper

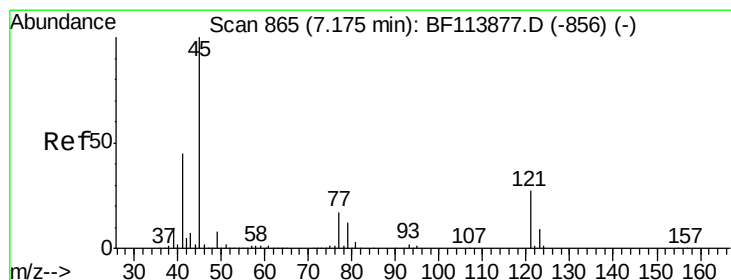
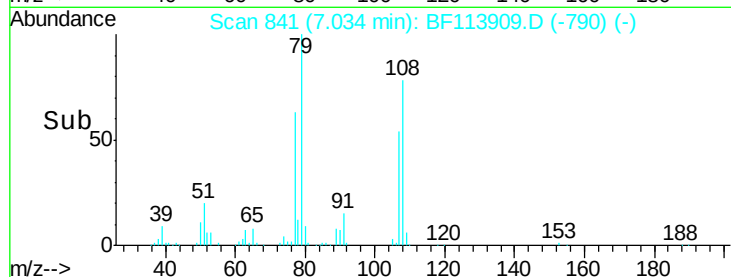
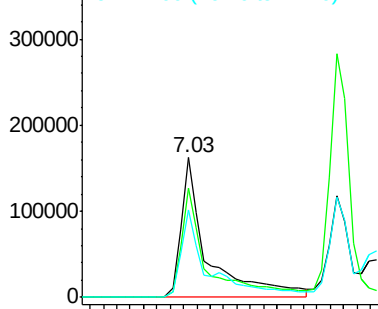
79 100

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

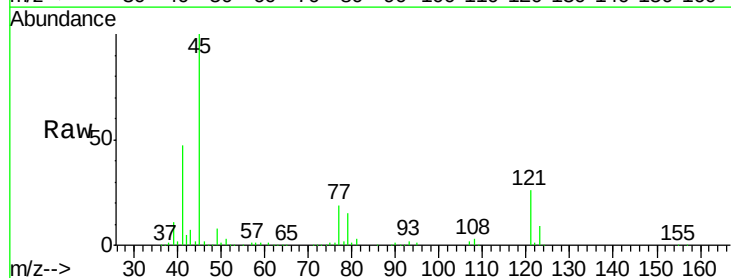
Tgt Ion: 45 Resp: 343128

Ion Ratio Lower Upper

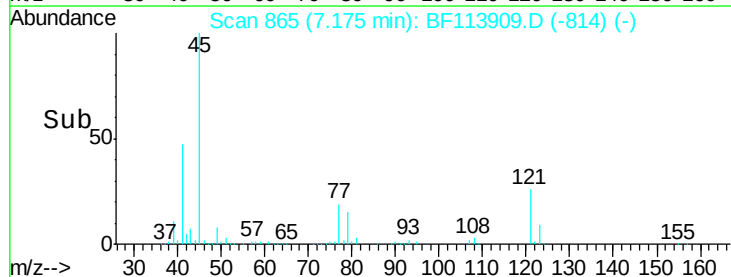
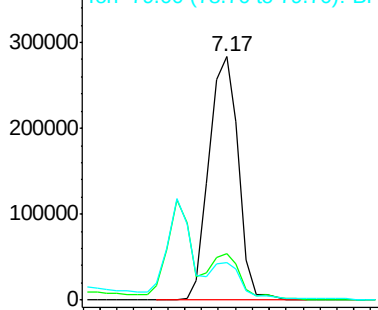
45 100

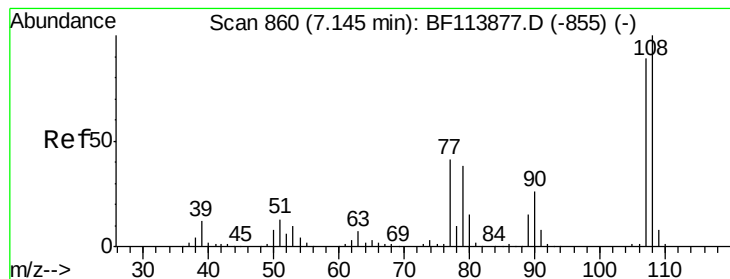
77 19.1 0.0 37.0

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

Tgt Ion:107 Resp: 256578

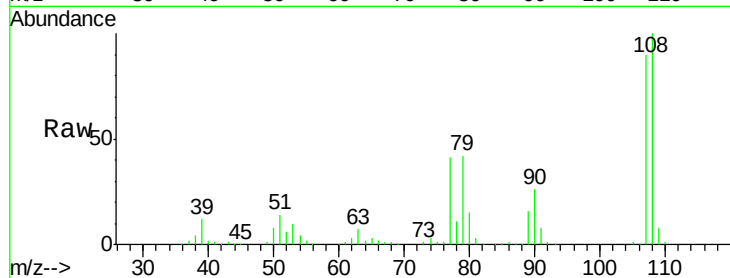
Ion Ratio Lower Upper

107 100

108 111.3 91.5 137.3

77 45.8 36.2 54.4

79 46.3 35.4 53.0

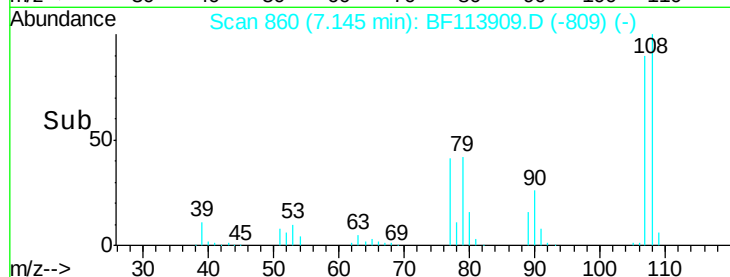


Abundance Ion 107.00 (106.70 to 107.70): E

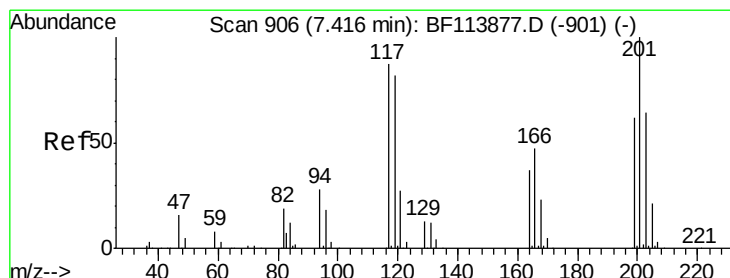
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#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

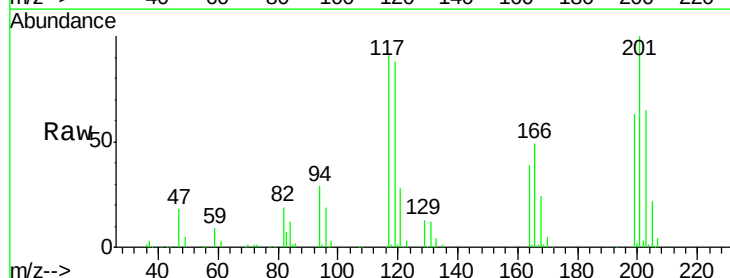
Tgt Ion:117 Resp: 89149

Ion Ratio Lower Upper

117 100

119 96.4 74.4 111.6

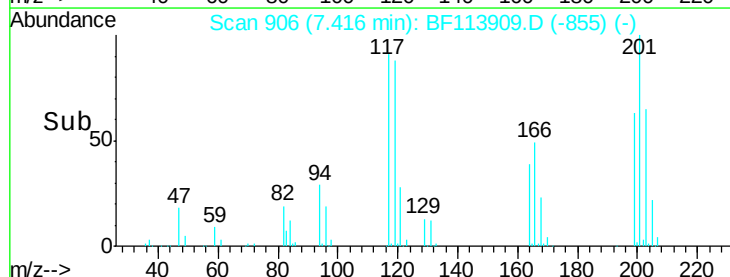
201 109.5 90.2 135.2



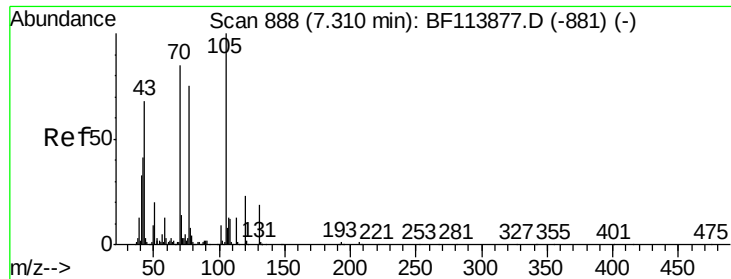
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



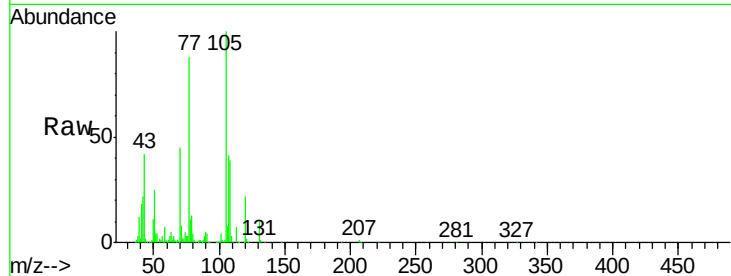
Time-->



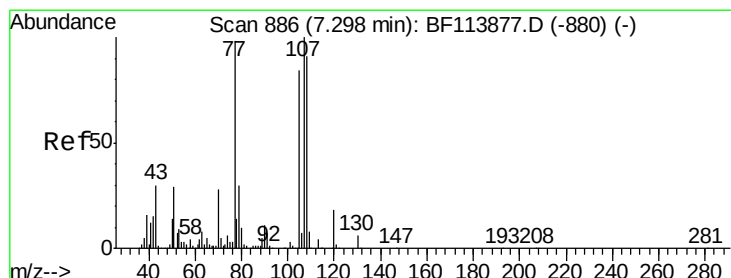
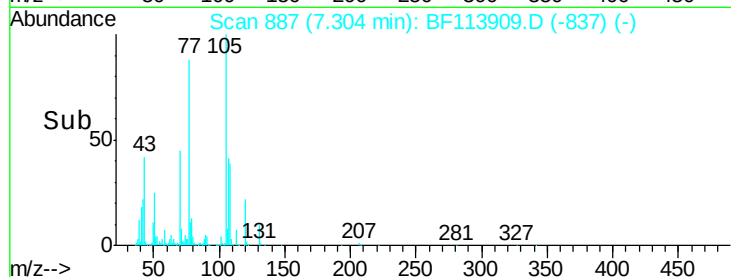
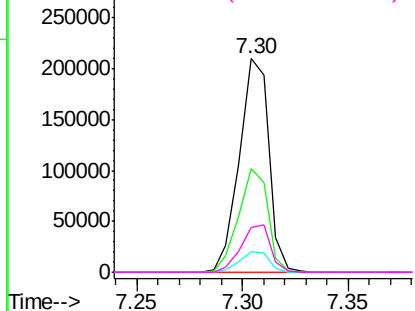
#19
n-Nitroso-di-n-propylamine
Concen: 37.400 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt 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

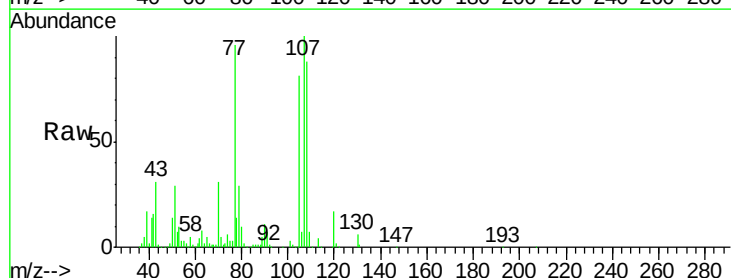


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

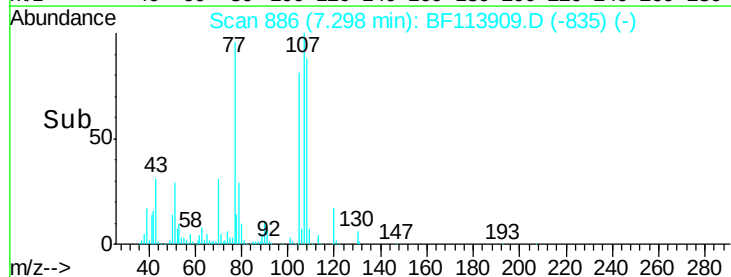
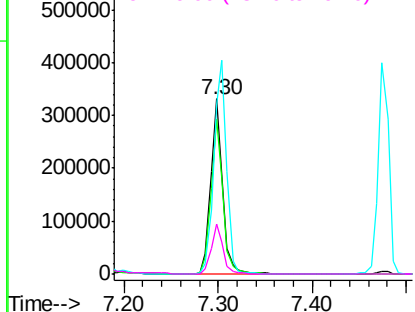


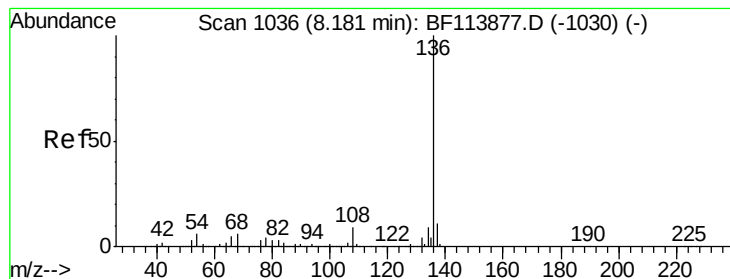
#20
3+4-Methylphenols
Concen: 39.635 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

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



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 406391

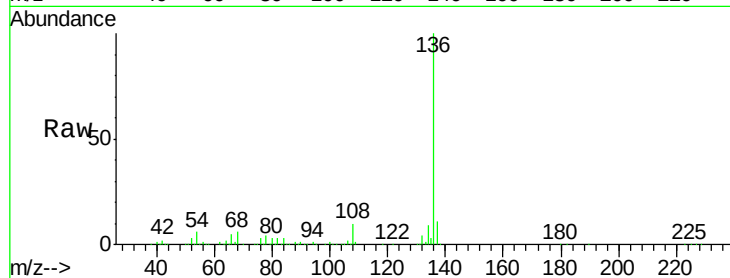
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.4 5.0 7.6

68 6.3 4.9 7.3

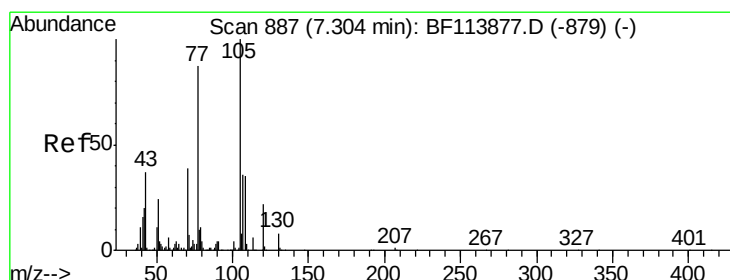
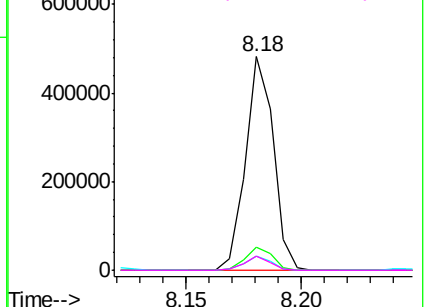
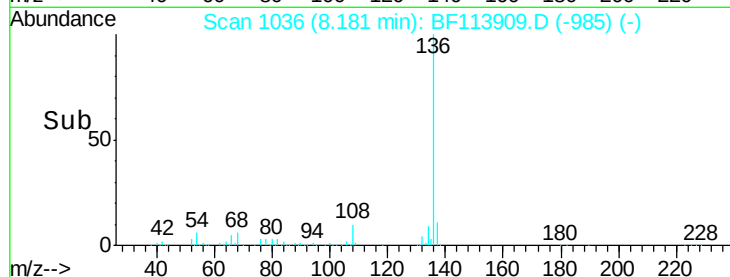


Abundance Ion 136.00 (135.70 to 136.70): E

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

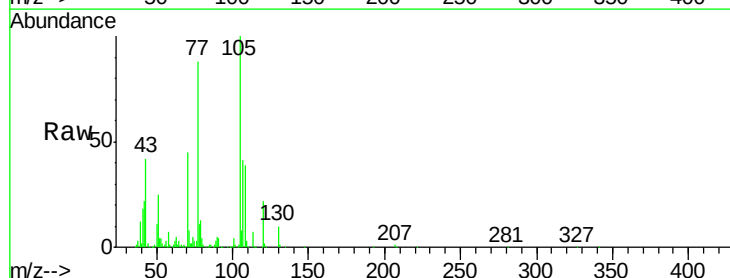
Ion Ratio Lower Upper

105 100

71 7.7 6.1 9.1

51 25.1 16.8 25.2

120 21.9 17.6 26.4

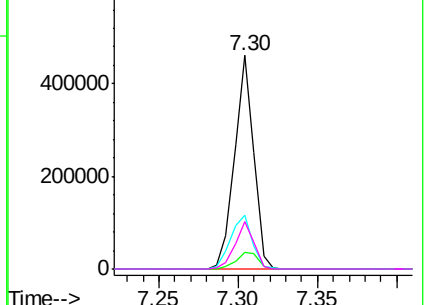
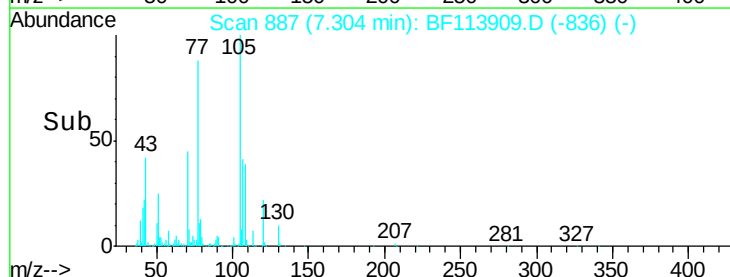


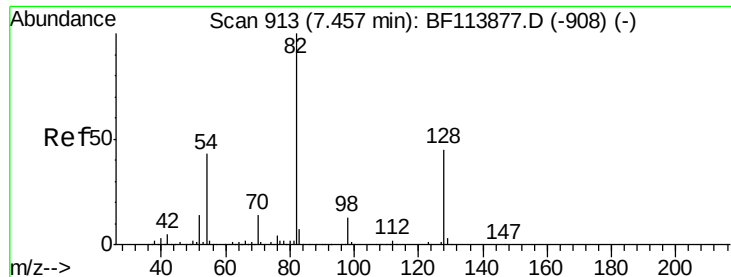
Abundance Ion 105.00 (104.70 to 105.70): E

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

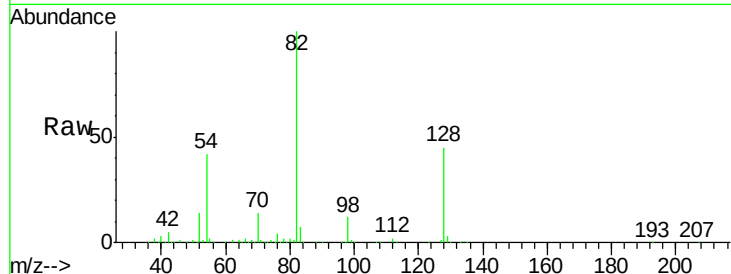




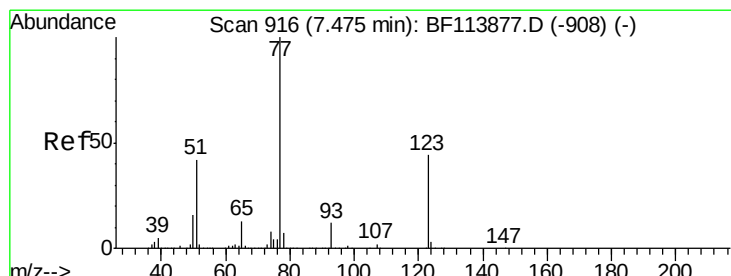
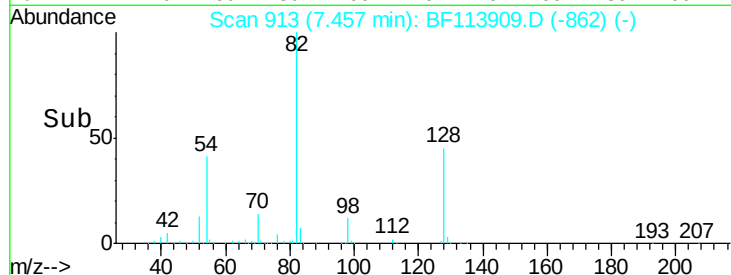
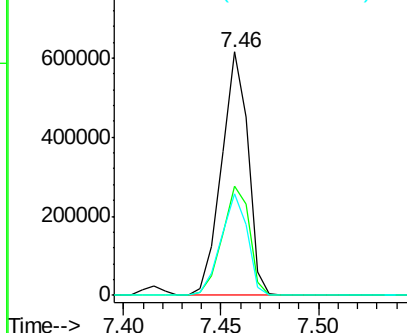
#23
 Nitrobenzene-d5
 Concen: 87.796 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

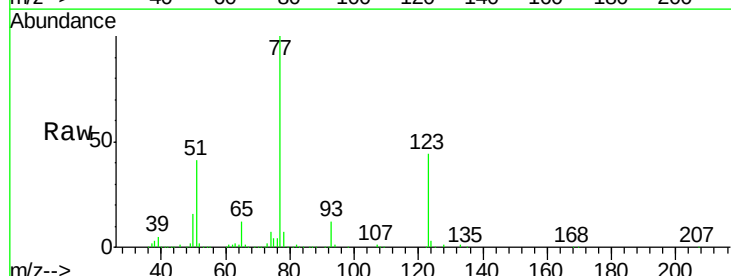


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

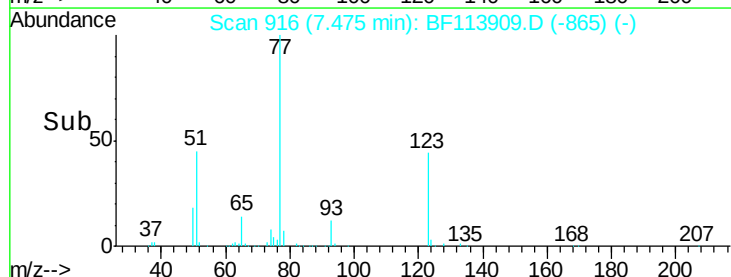
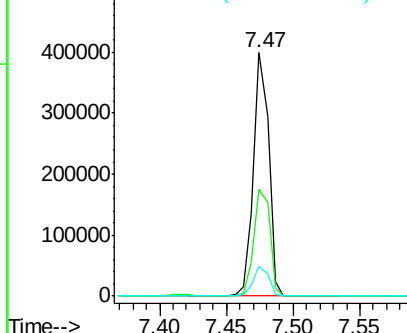


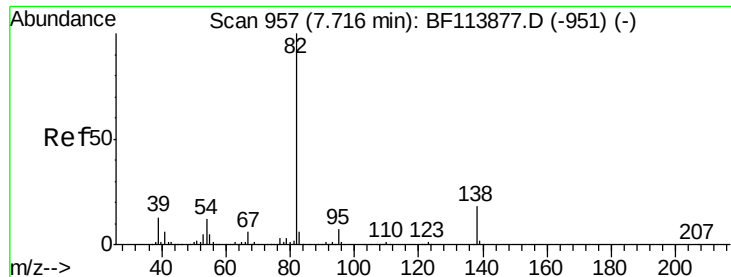
#24
 Nitrobenzene
 Concen: 42.586 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

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

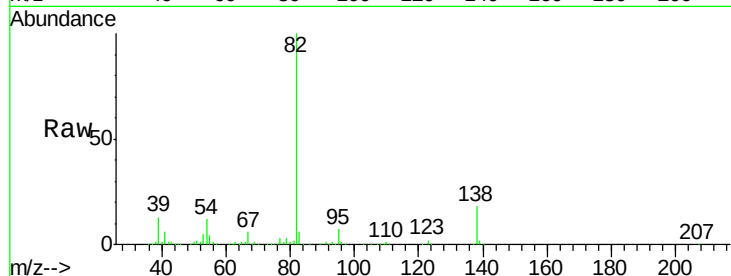
Tgt Ion: 82 Resp: 539167

Ion Ratio Lower Upper

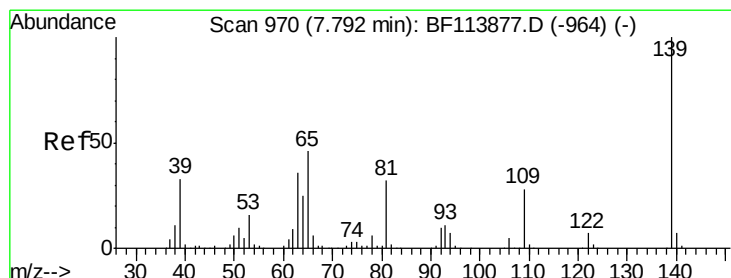
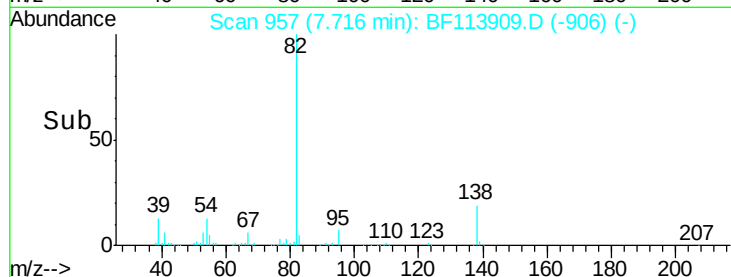
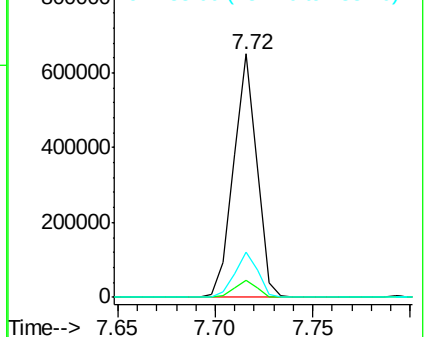
82 100

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

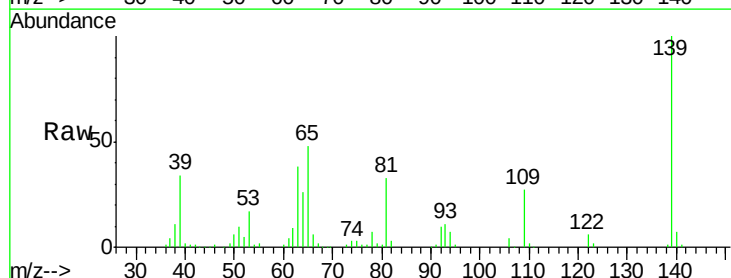
Tgt Ion: 139 Resp: 111269

Ion Ratio Lower Upper

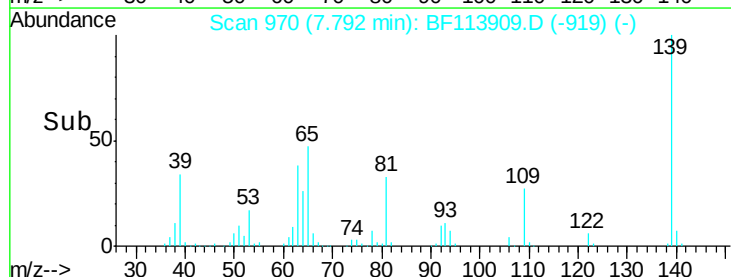
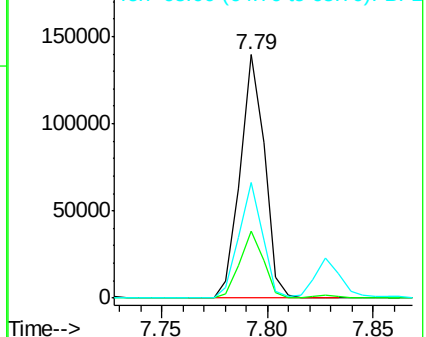
139 100

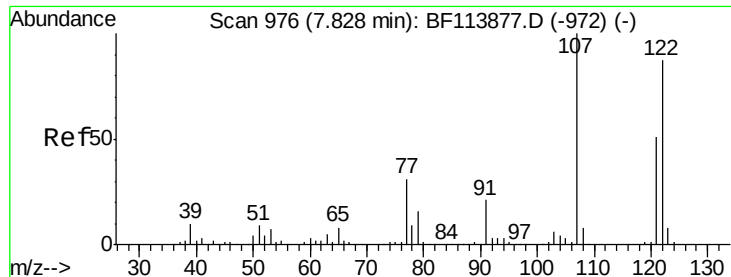
109 27.3 20.6 31.0

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

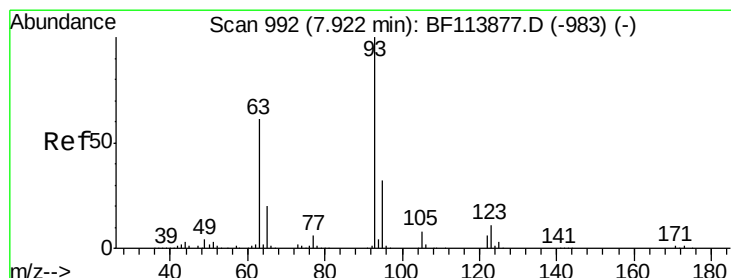
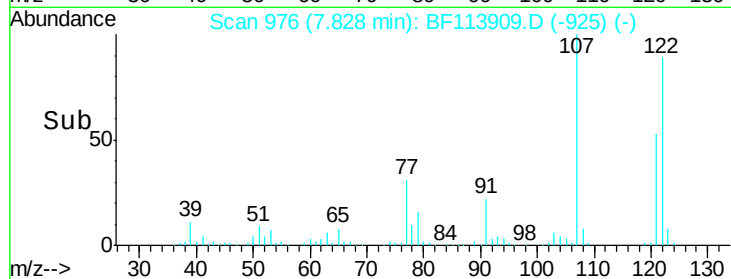
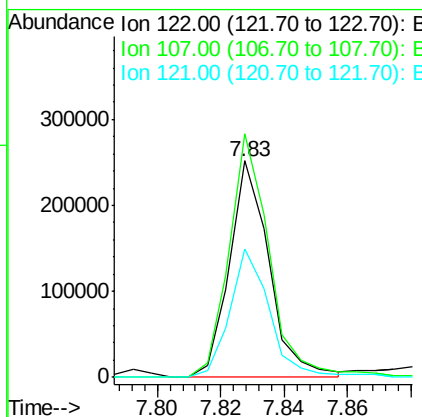
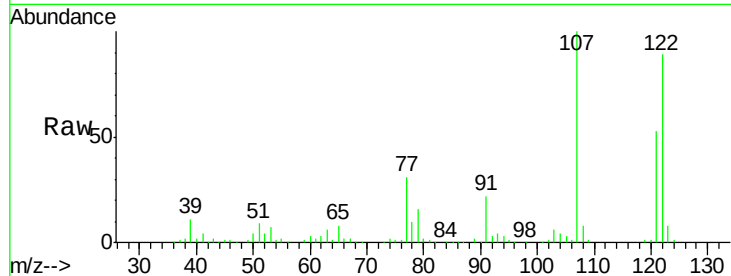




#27
 2,4-Dimethylphenol
 Concen: 39.920 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

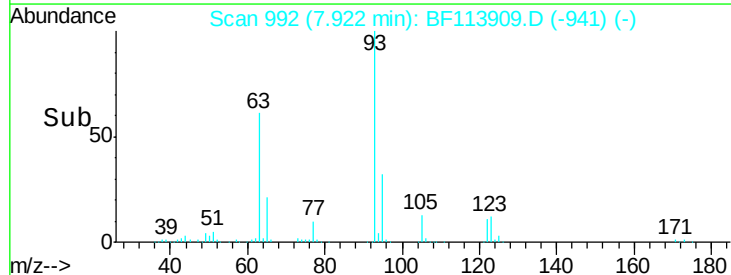
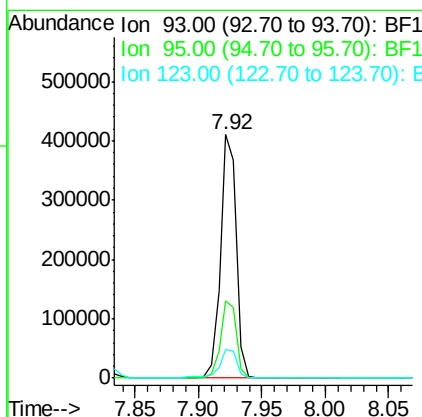
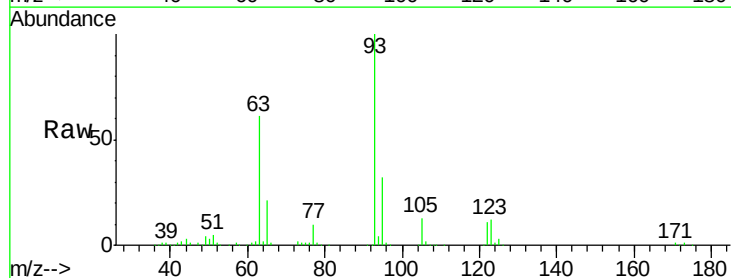
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

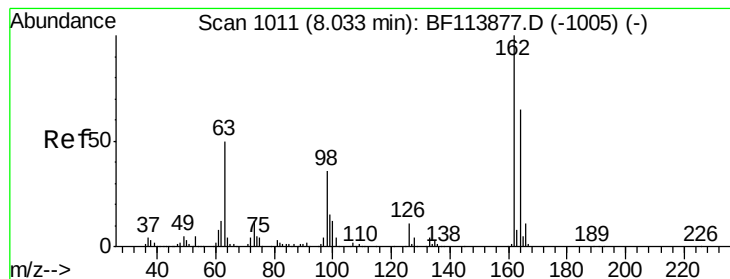
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.5	91.2	136.8
121	59.4	46.4	69.6



#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





#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

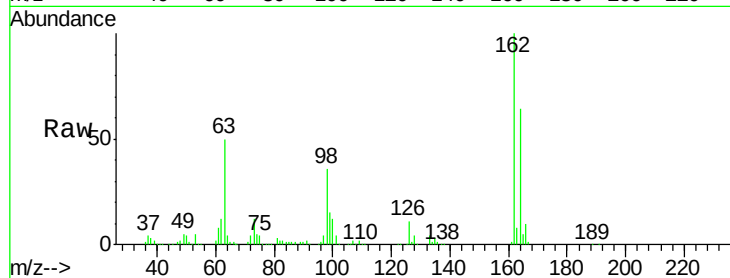
Tgt Ion:162 Resp: 248296

Ion Ratio Lower Upper

162 100

164 64.1 43.7 83.7

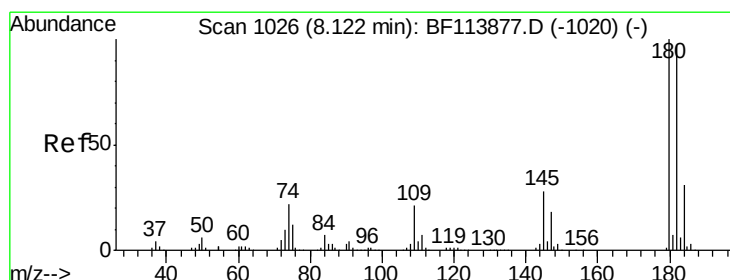
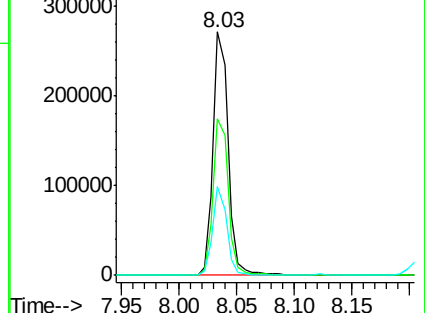
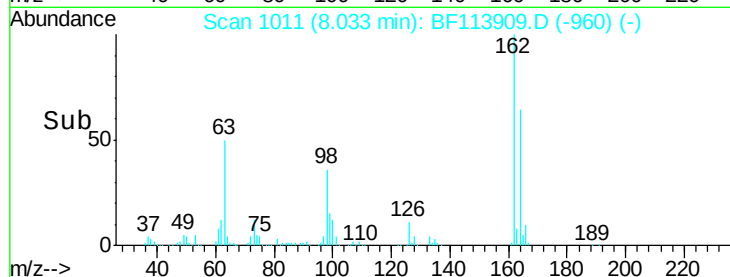
98 36.2 15.5 55.5



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

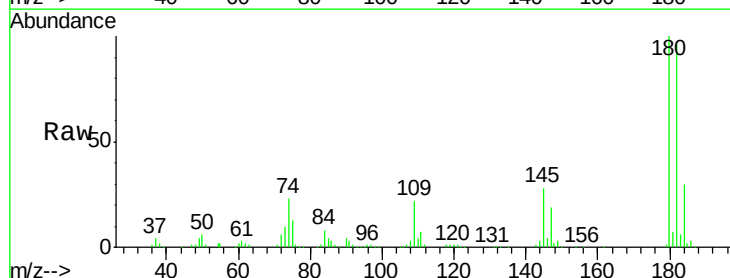
Tgt Ion:180 Resp: 286204

Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.0

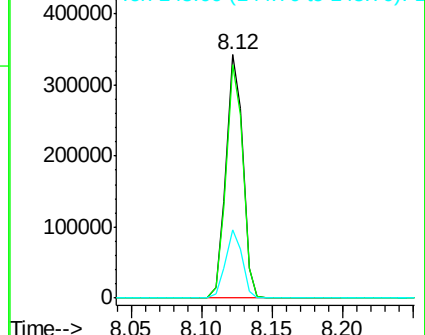
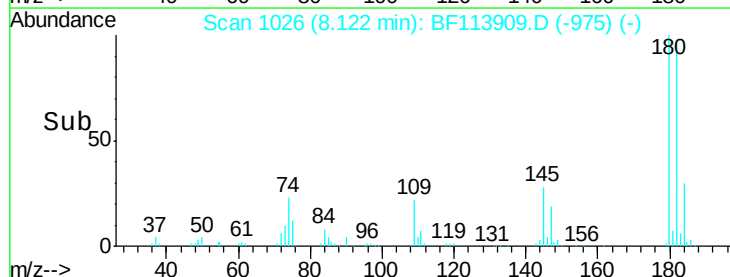
145 27.9 23.0 34.4

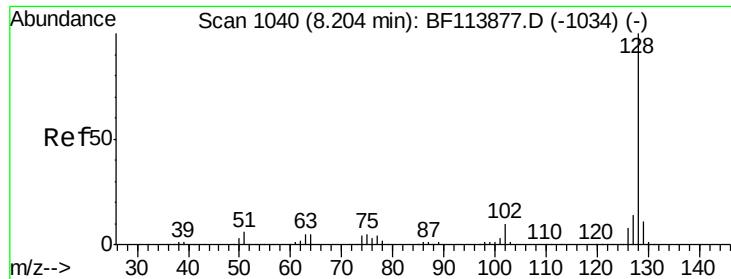


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

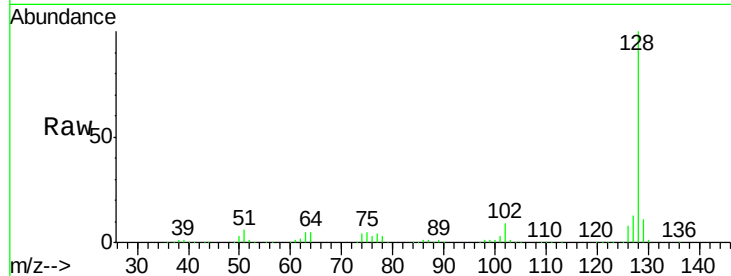




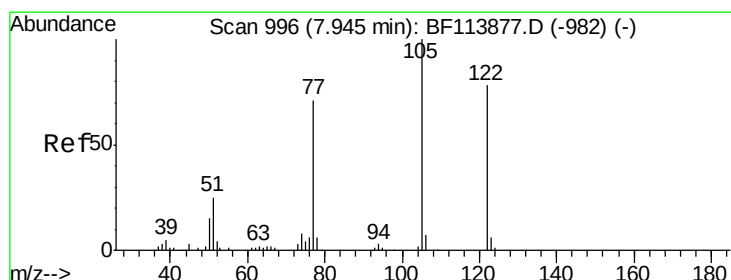
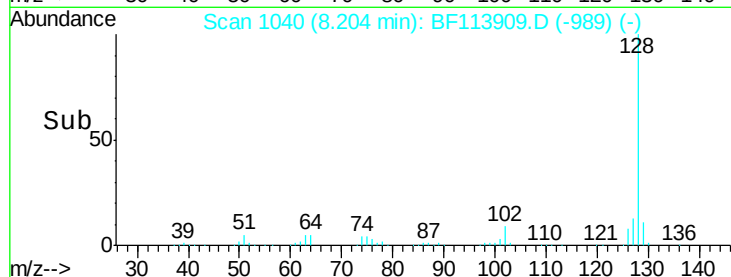
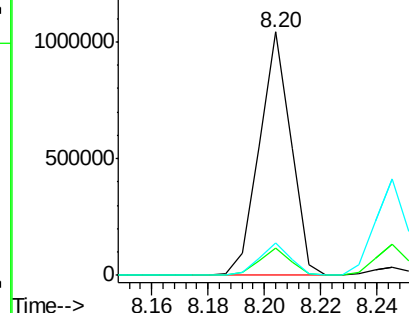
#31
Naphthalene
Concen: 41.871 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 808352
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.2 10.8 16.2

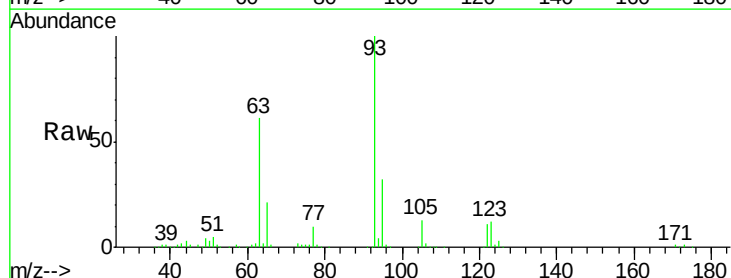


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

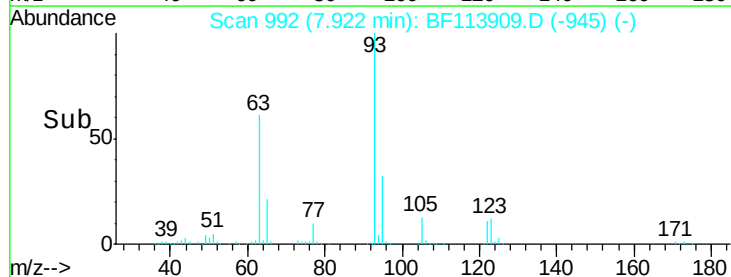
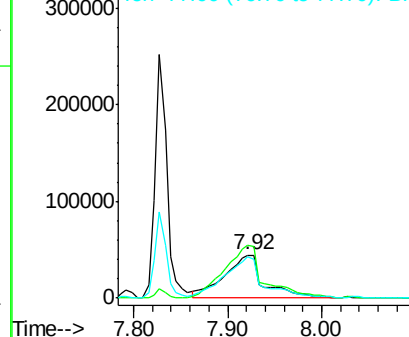


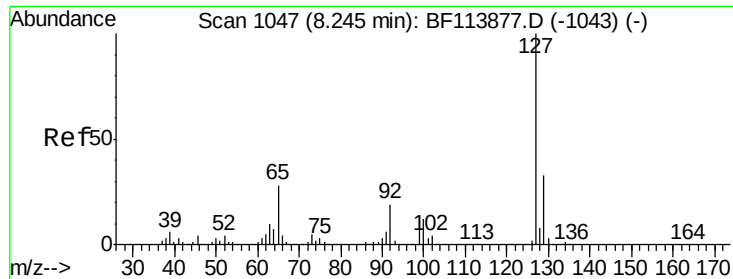
#32
Benzoic acid
Concen: 34.032 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

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

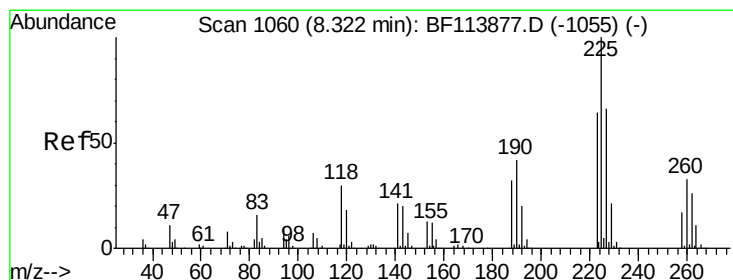
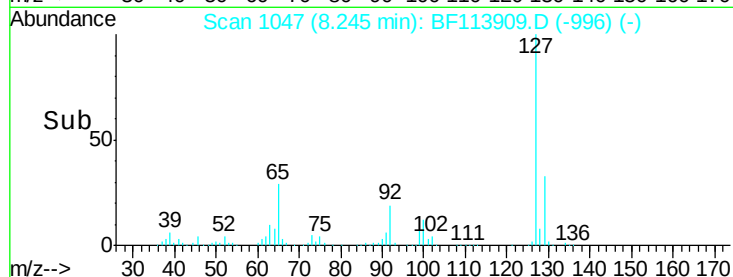
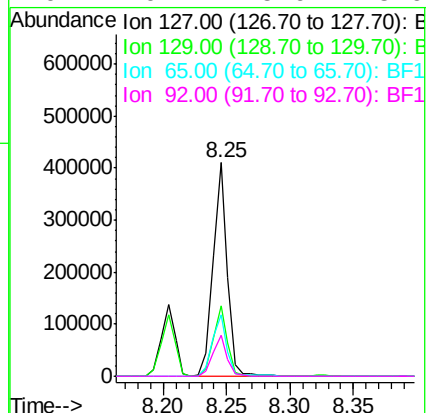
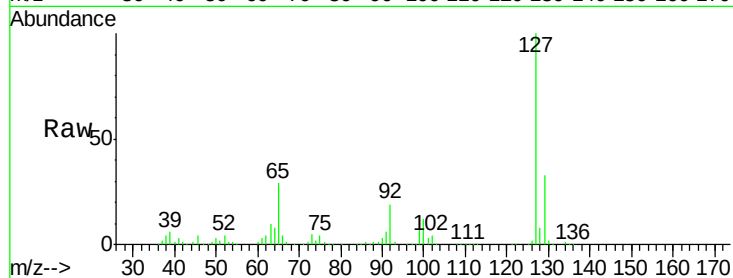




#33
4-Chloroaniline
Concen: 39.950 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

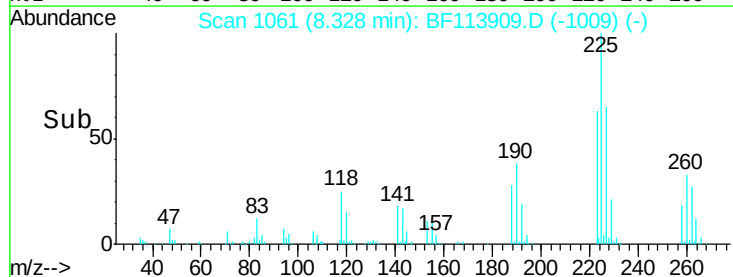
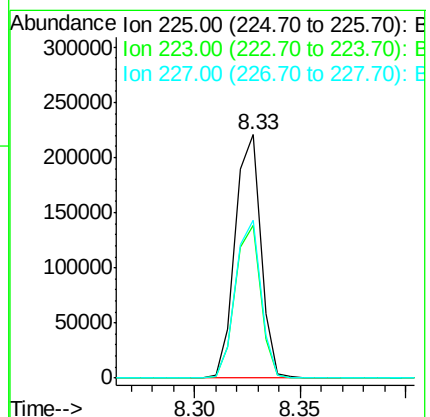
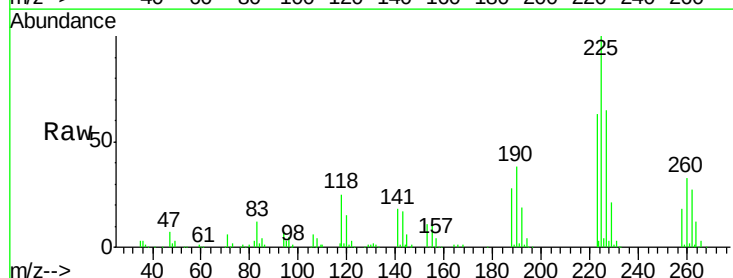
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

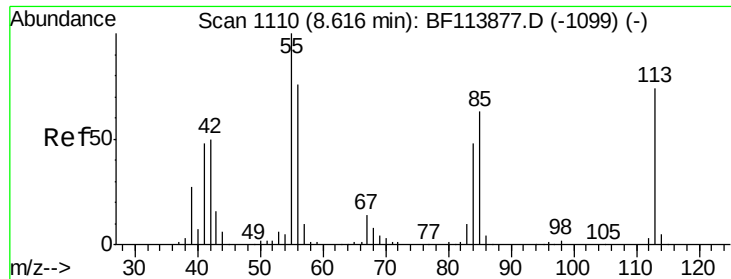
Tgt Ion:	127	Resp:	326351
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	28.8	24.9	37.3
92	19.4	15.9	23.9



#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

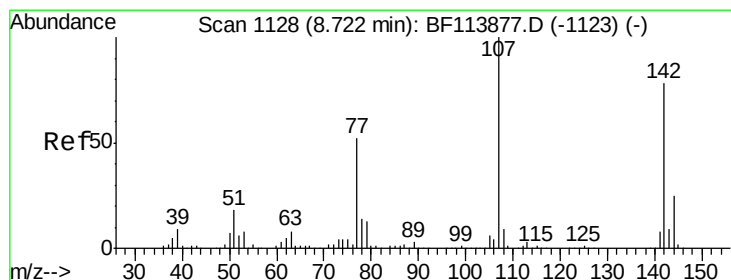
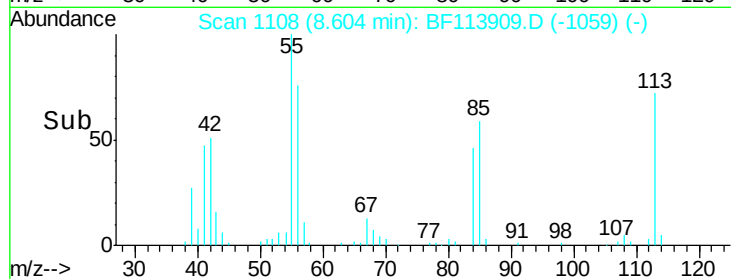
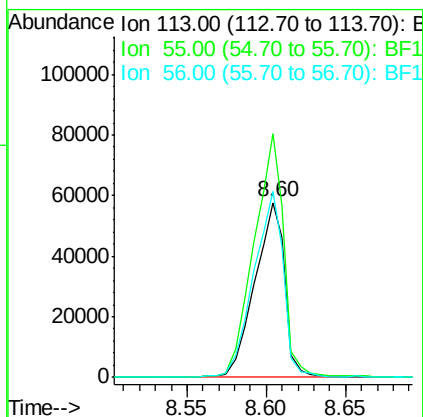
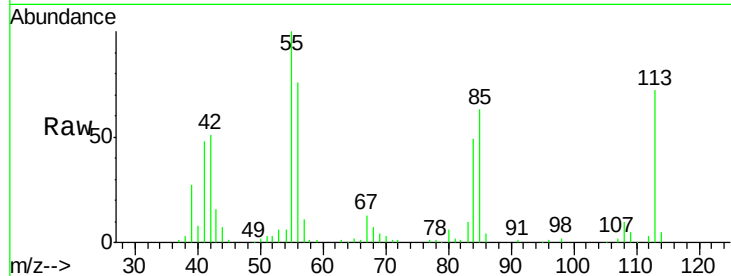




#35
 Caprolactam
 Concen: 38.427 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

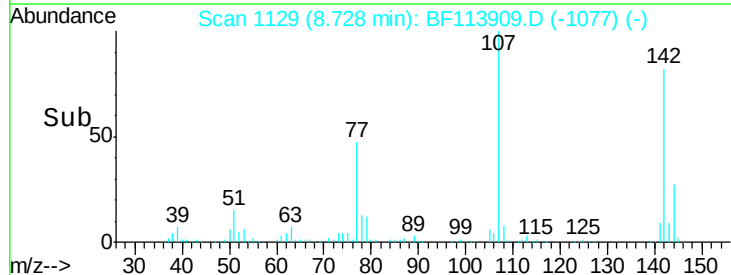
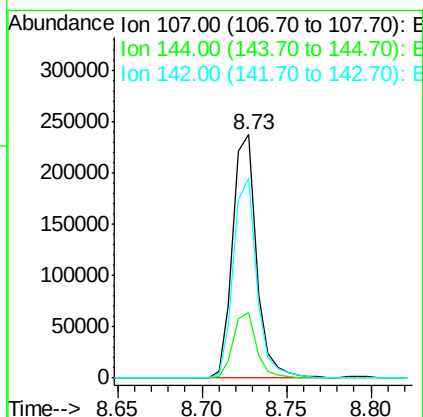
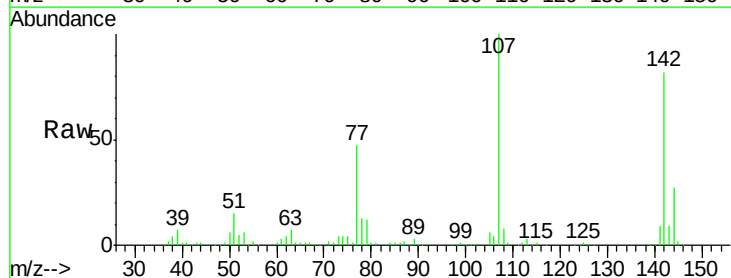
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

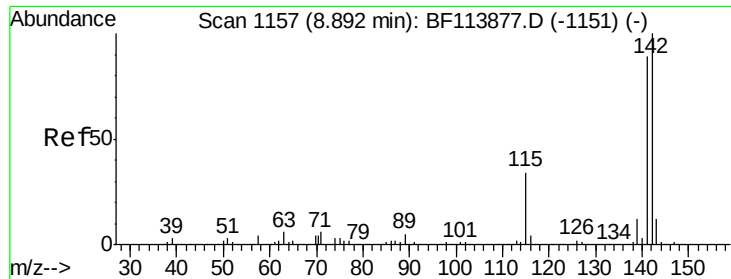
Tgt Ion:113 Resp: 75563
 Ion Ratio Lower Upper
 113 100
 55 139.1 128.6 168.6
 56 106.4 91.9 131.9



#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

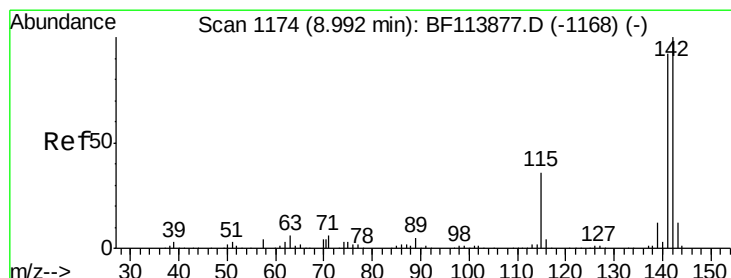
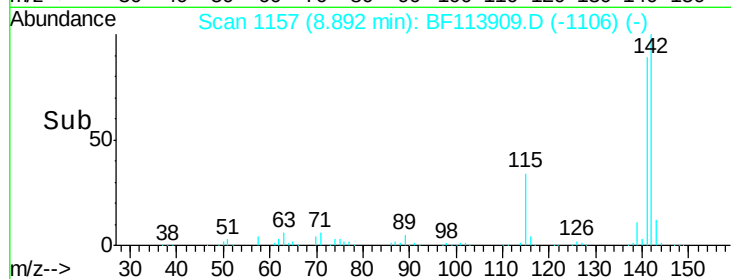
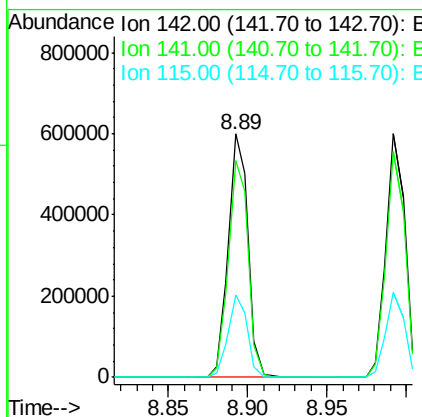
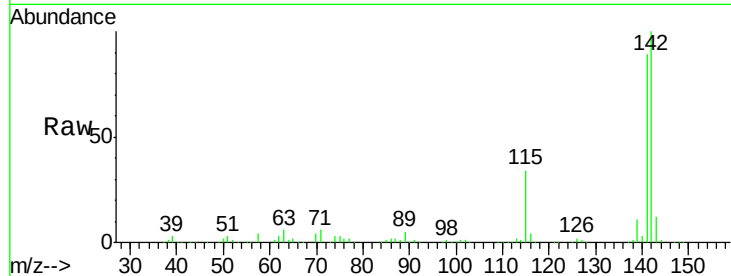




#37
 2-Methylnaphthalene
 Concen: 39.758 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

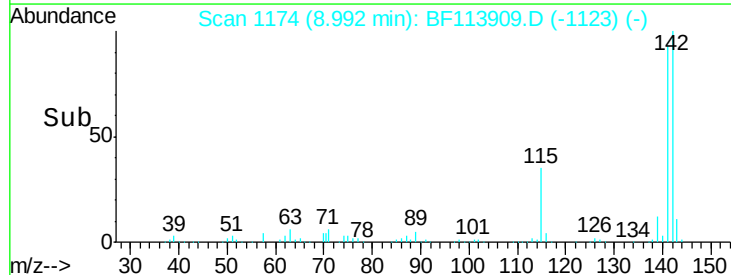
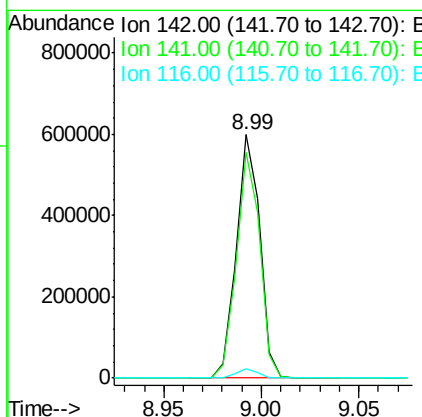
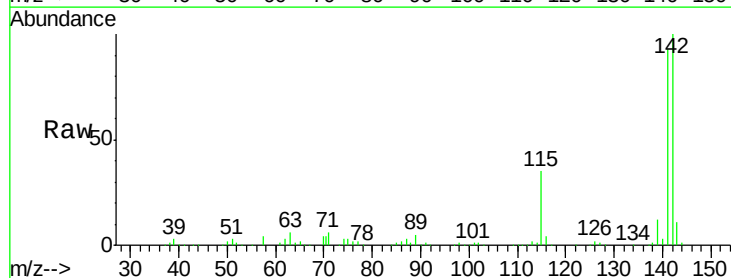
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

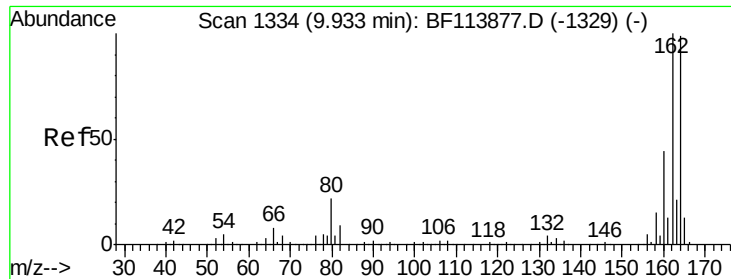
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	33.7	26.3	39.5



#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	Ratio	Lower	Upper
142	100		
141	93.0	72.3	108.5
116	3.8	3.0	4.4





#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

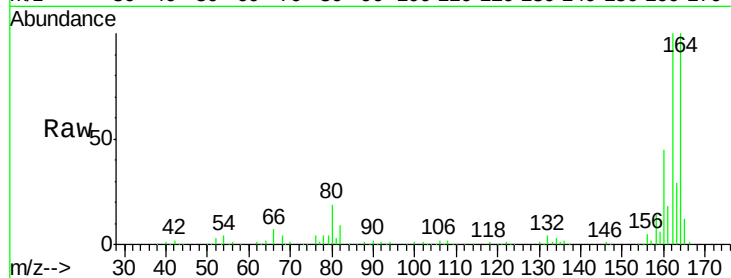
Tgt Ion:164 Resp: 199802

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

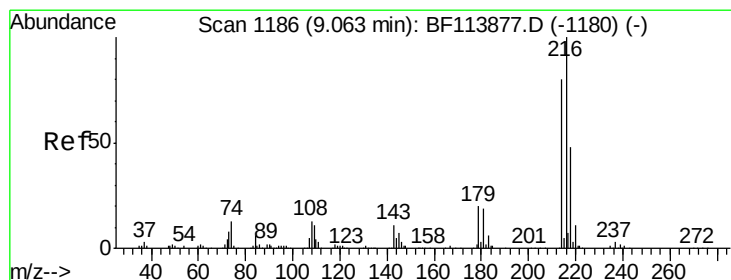
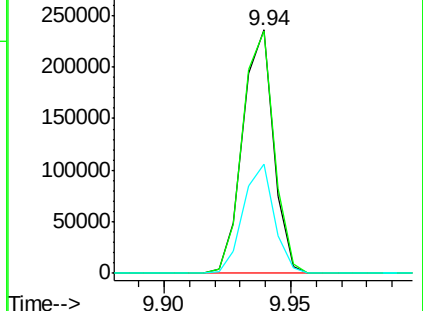
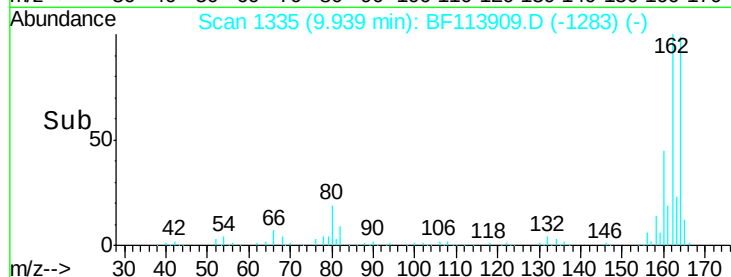
160 45.0 35.8 53.6



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

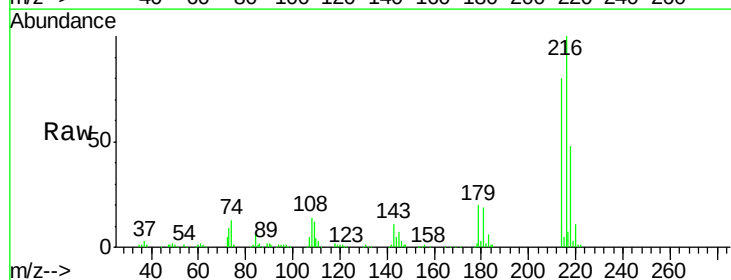
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 19.9 16.1 24.1

108 14.5 13.4 20.0

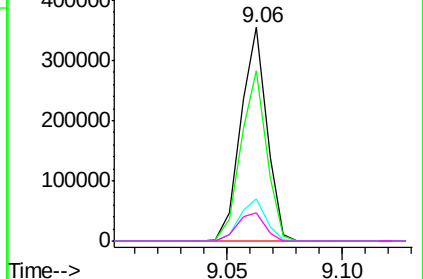
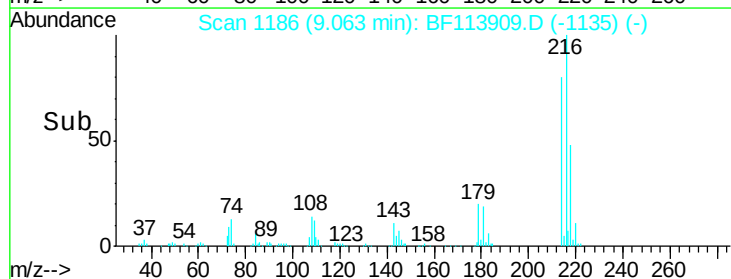


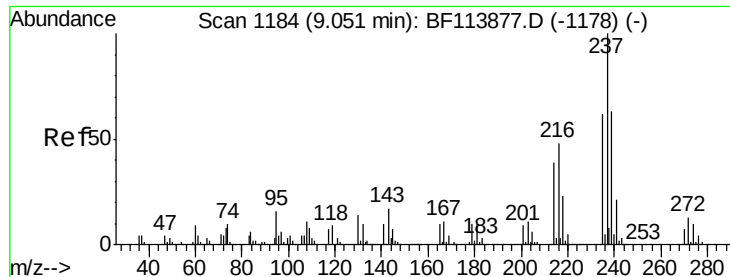
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 1.713 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

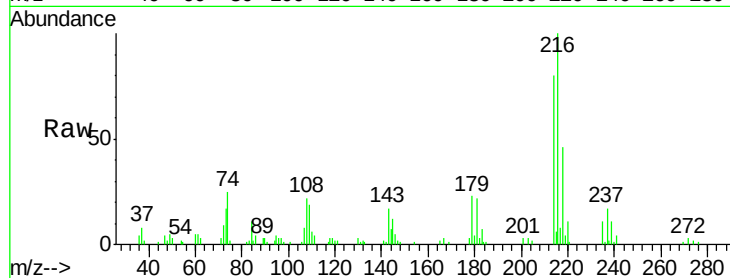
Tgt Ion: 237 Resp: 6200

Ion Ratio Lower Upper

237 100

235 64.8 42.6 82.6

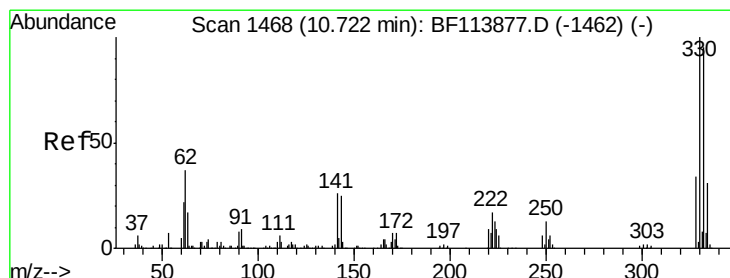
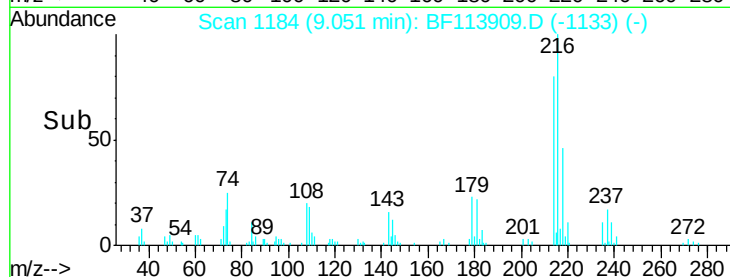
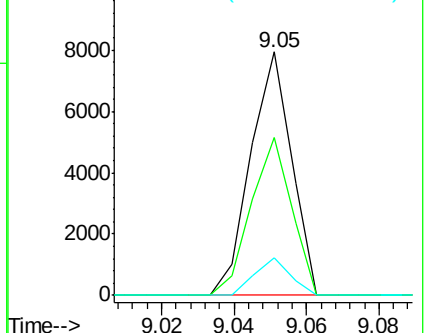
272 15.4 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 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

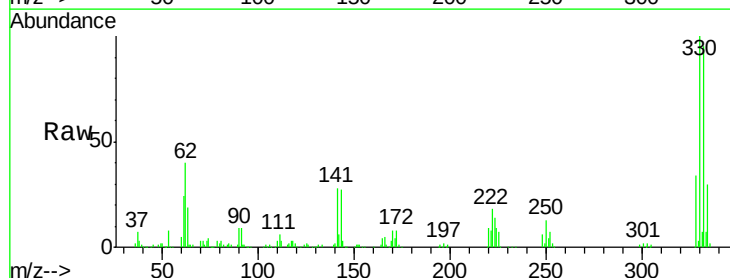
Tgt Ion: 330 Resp: 210077

Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

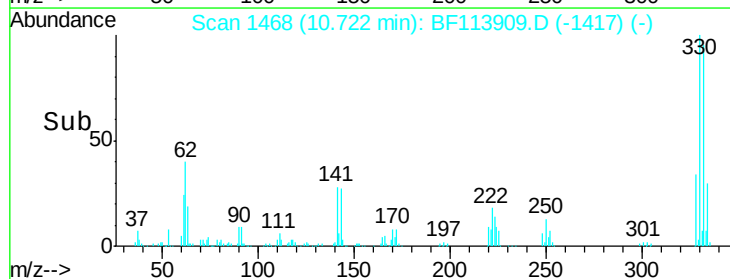
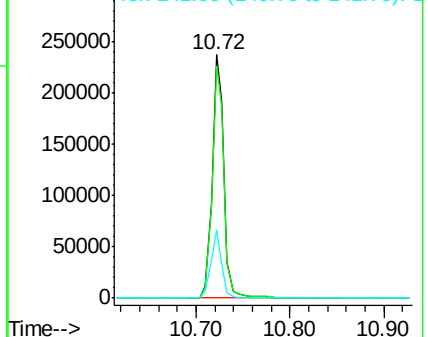
141 25.7 22.2 33.2

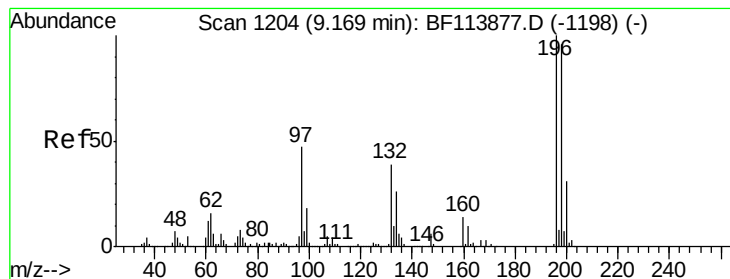


Abundance Ion 329.80 (329.50 to 330.50): E

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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

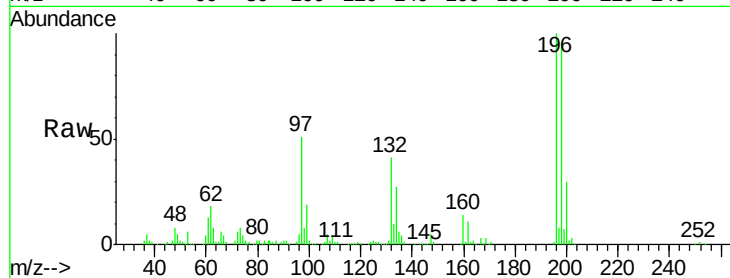
Tgt Ion:196 Resp: 168263

Ion Ratio Lower Upper

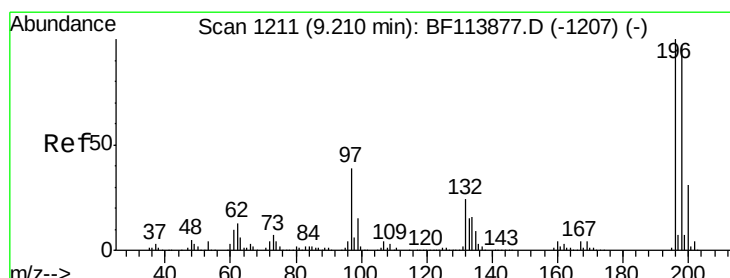
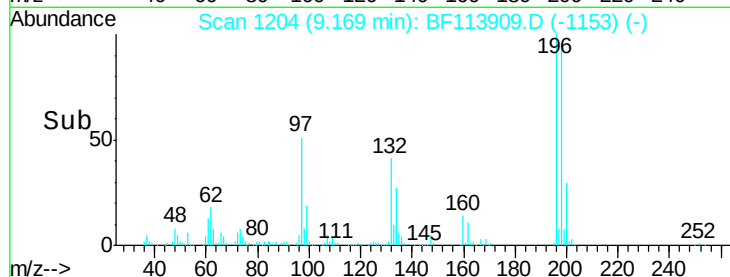
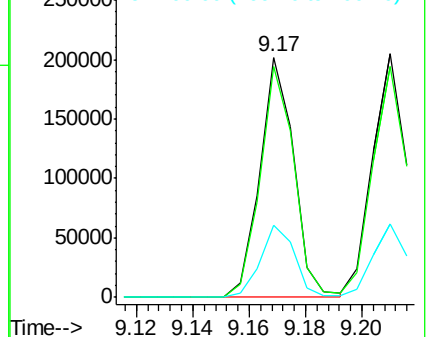
196 100

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

Tgt Ion:196 Resp: 187963

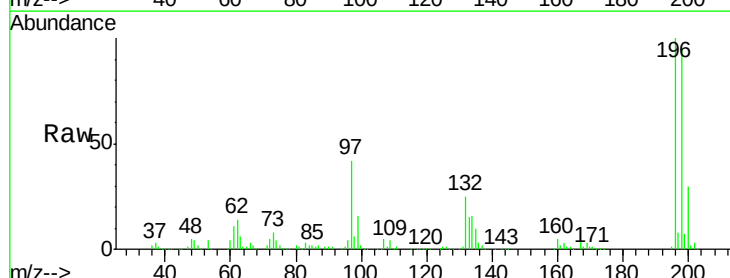
Ion Ratio Lower Upper

196 100

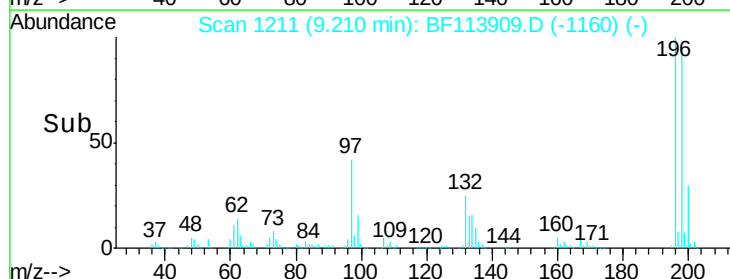
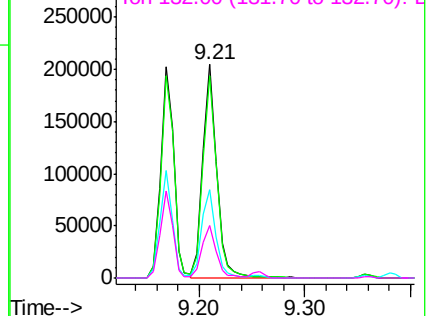
198 94.6 76.2 114.4

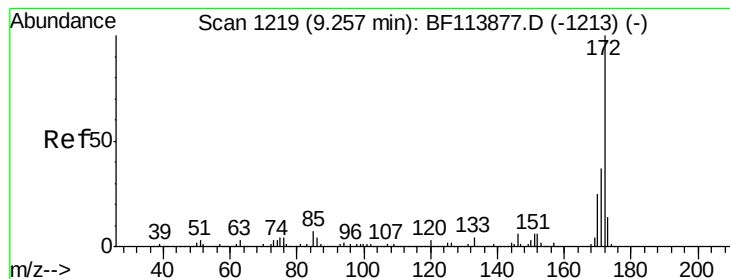
97 41.6 35.8 53.8

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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

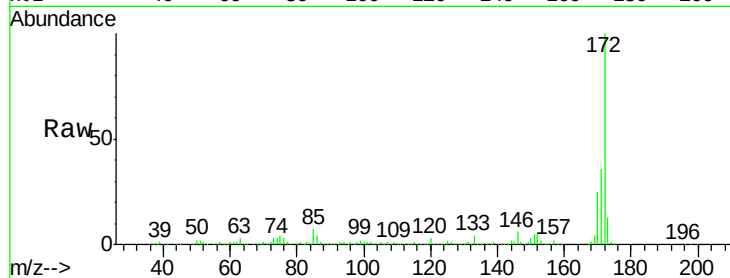
Tgt Ion:172 Resp: 1105359

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

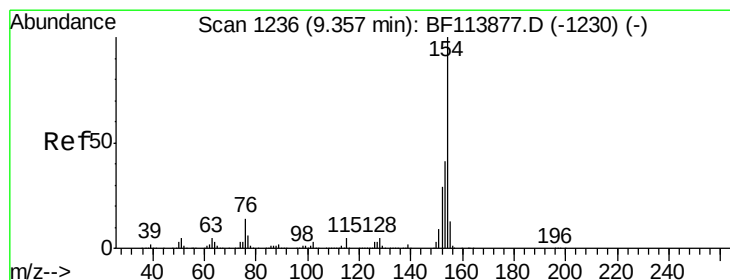
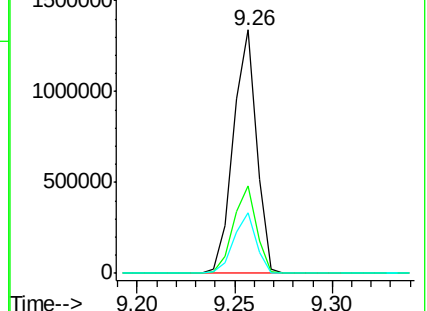
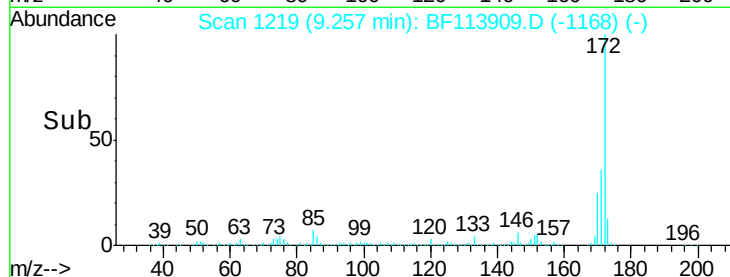
170 24.7 19.9 29.9



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

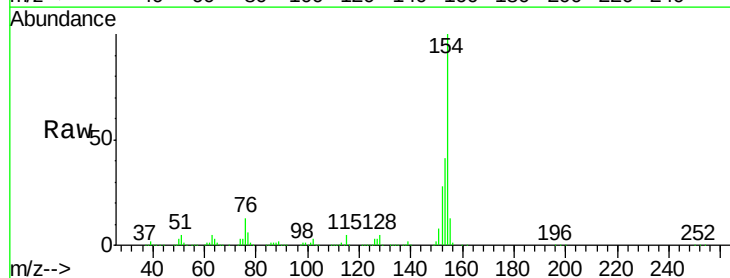
Tgt Ion:154 Resp: 650676

Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

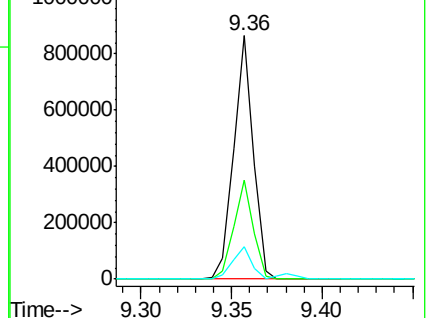
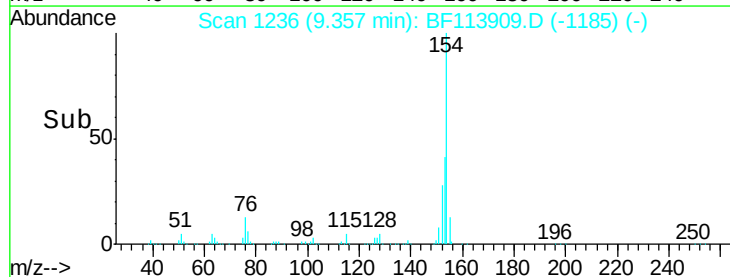
76 13.4 0.0 35.2

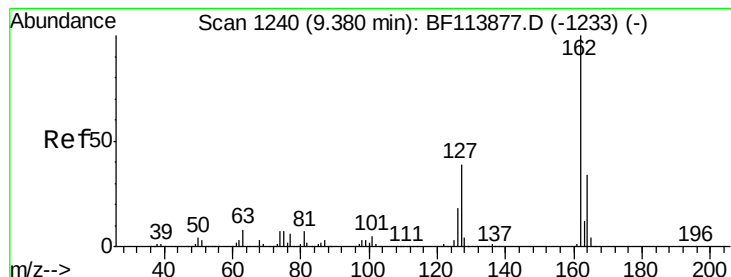


Abundance Ion 154.00 (153.70 to 154.70): E

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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

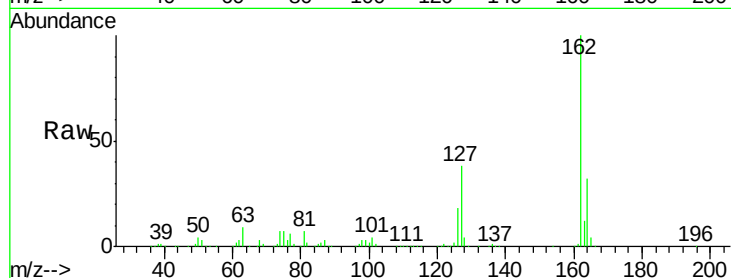
Tgt Ion: 162 Resp: 518146

Ion Ratio Lower Upper

162 100

127 38.4 29.3 43.9

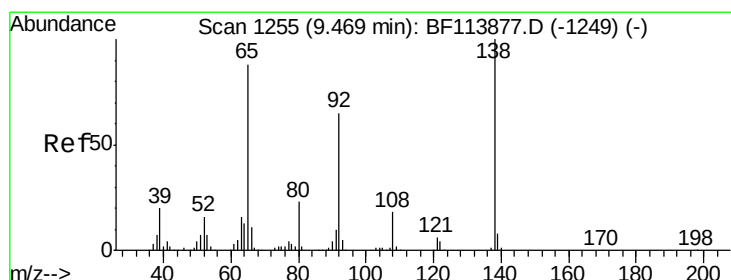
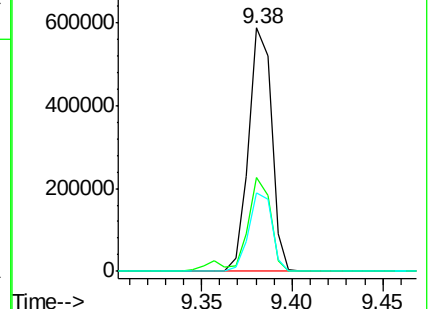
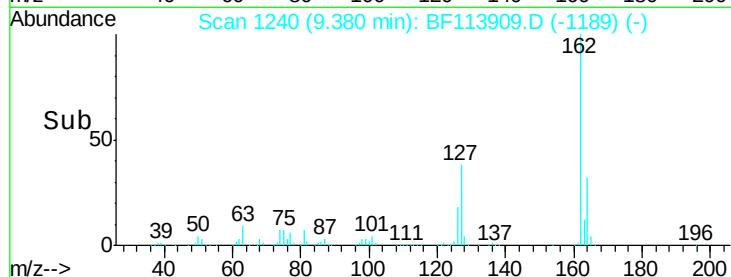
164 32.5 27.1 40.7



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

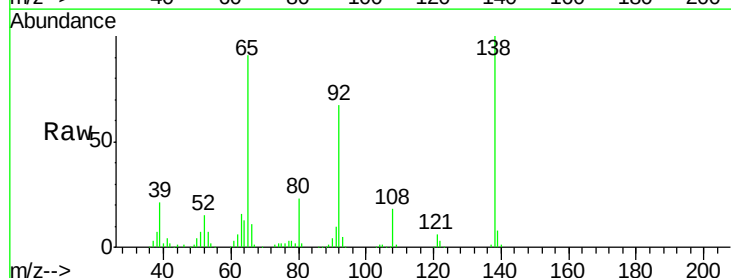
Tgt Ion: 65 Resp: 155318

Ion Ratio Lower Upper

65 100

92 73.8 57.4 86.0

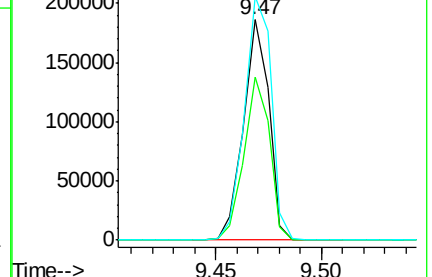
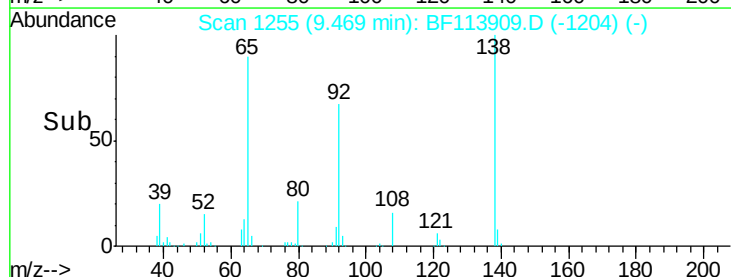
138 110.4 85.4 128.0

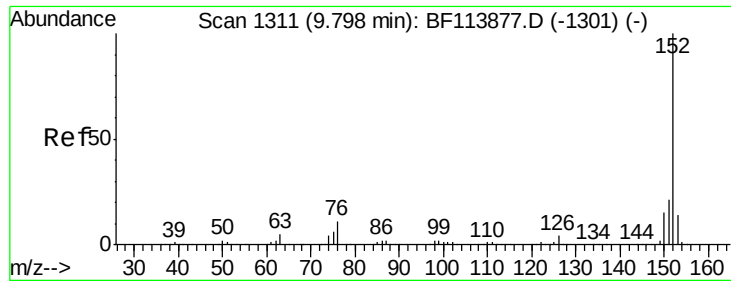


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.850 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

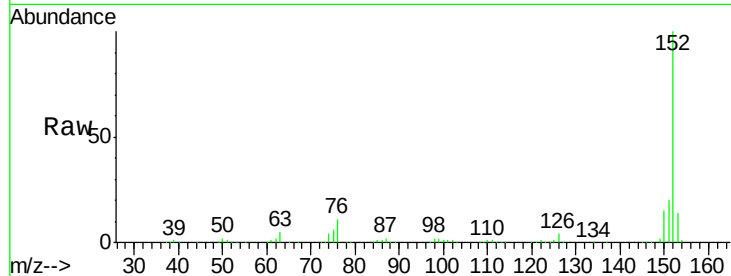
Tgt Ion:152 Resp: 813238

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.4

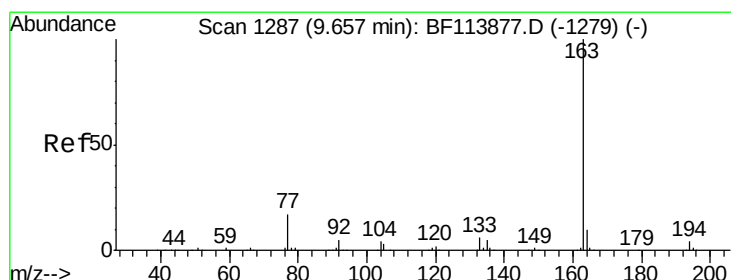
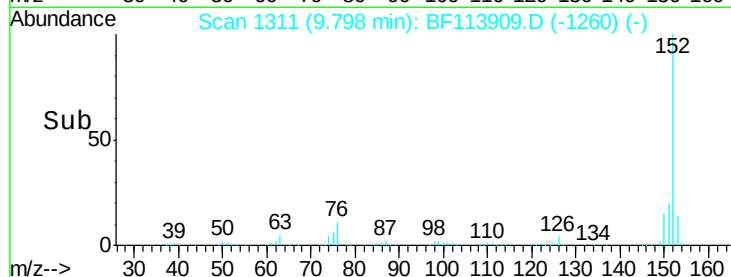
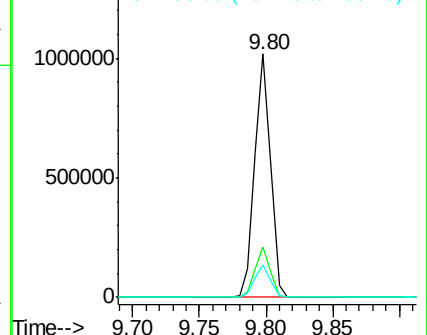
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 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

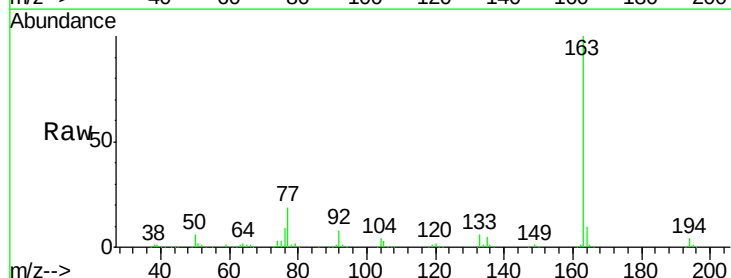
Tgt Ion:163 Resp: 599958

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

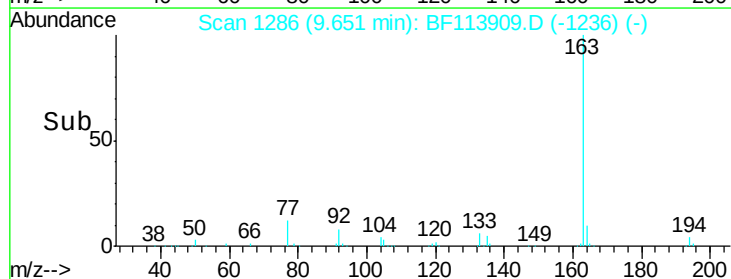
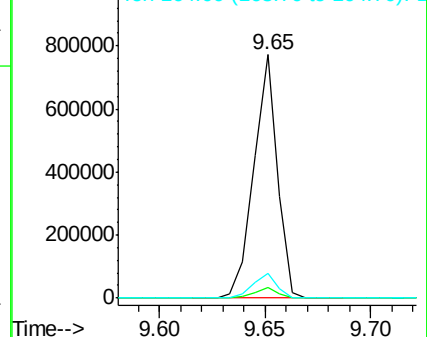
164 10.3 8.5 12.7

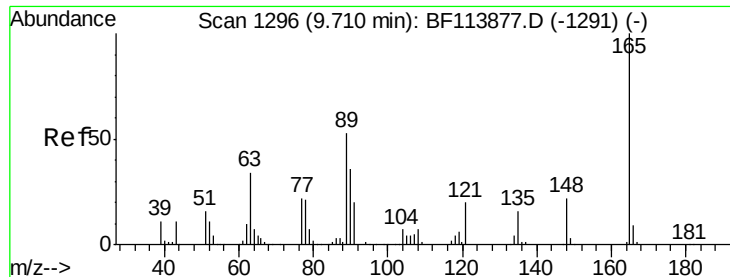


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

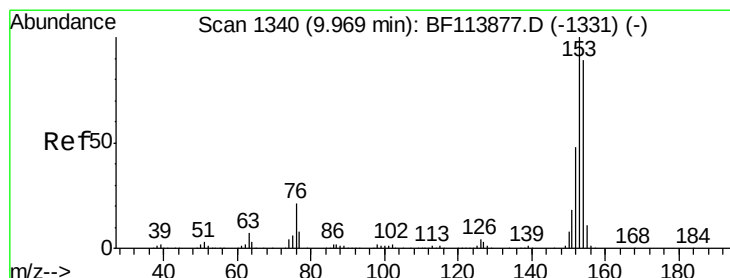
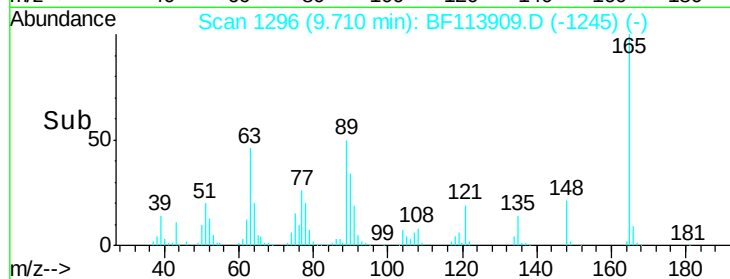
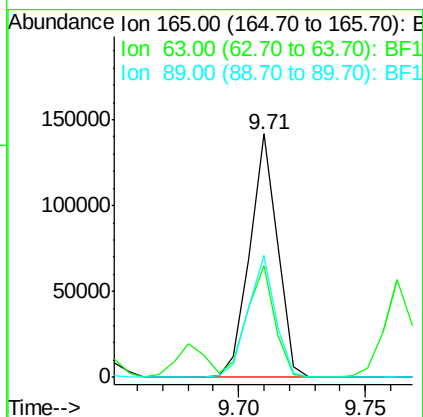
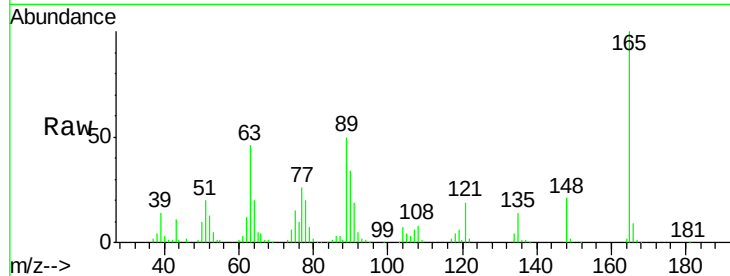




#51
 2,6-Dinitrotoluene
 Concen: 34.858 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

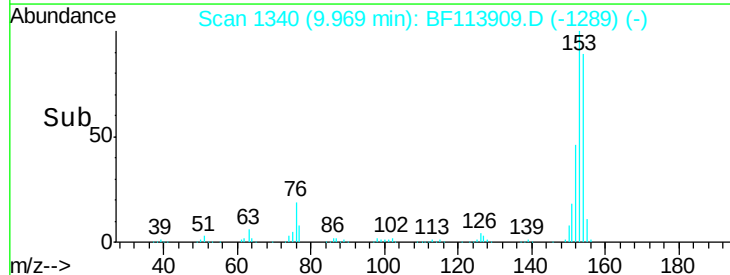
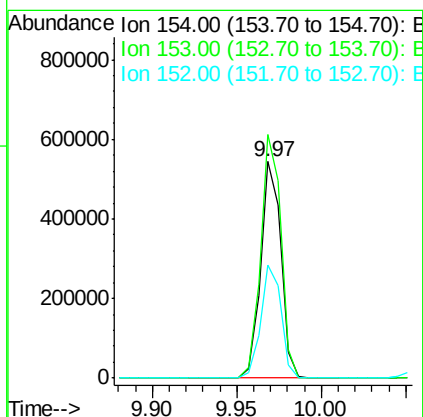
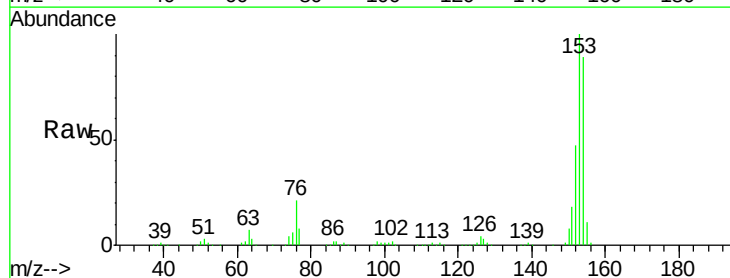
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

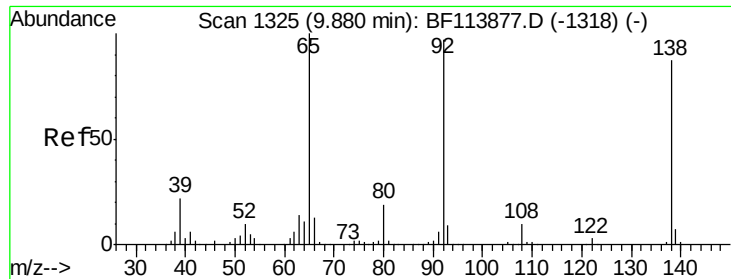
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.7	33.8	50.8
89	50.2	38.2	57.2



#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

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	87.2	130.8
152	52.5	42.3	63.5

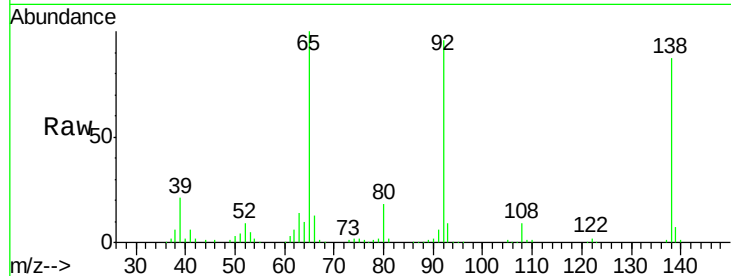




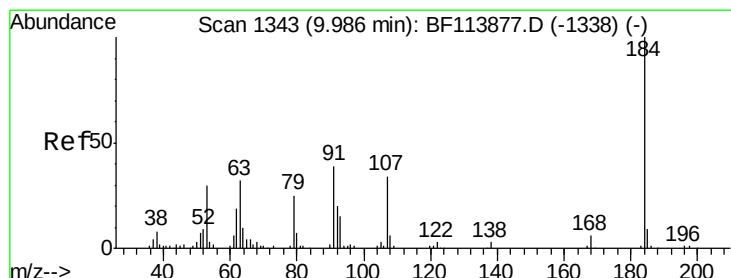
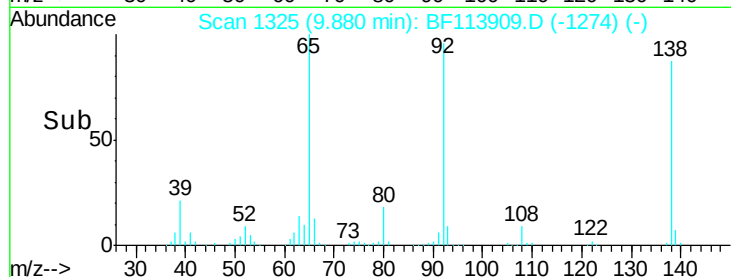
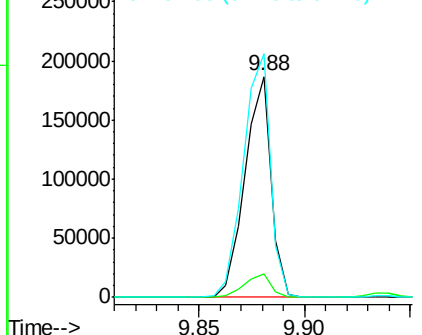
#53
 3-Nitroaniline
 Concen: 49.559 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

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

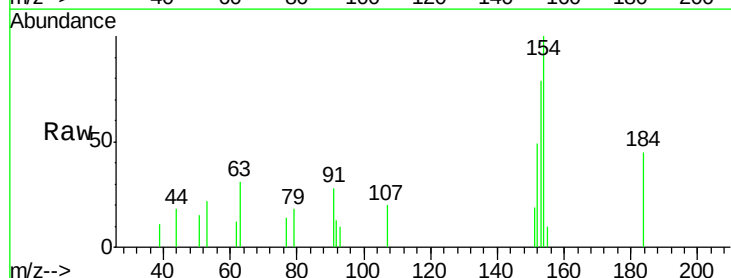


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

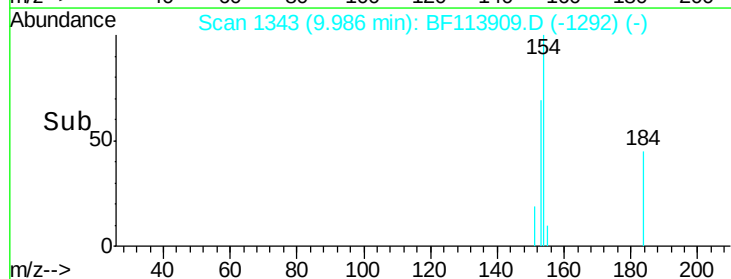
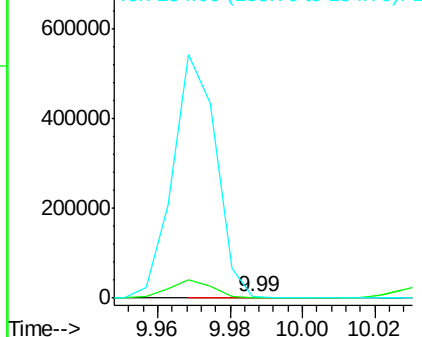


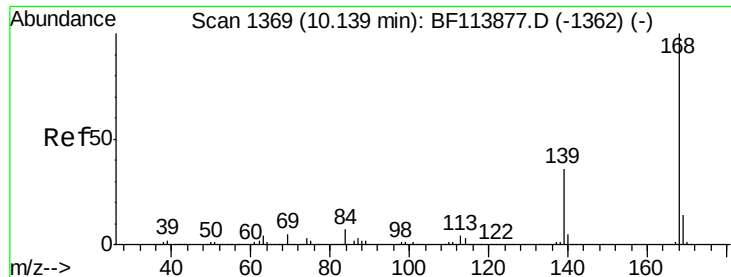
#54
 2,4-Dinitrophenol
 Concen: 9.156 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

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



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

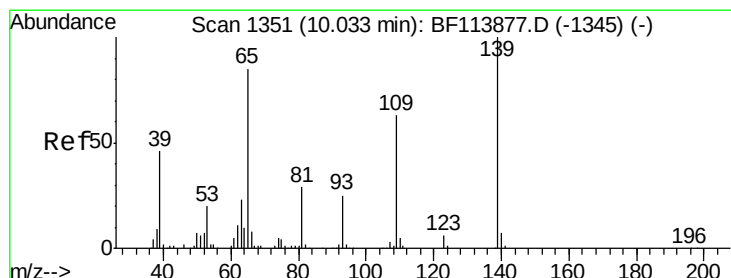
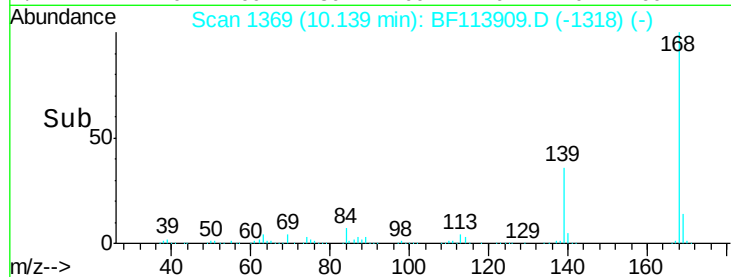
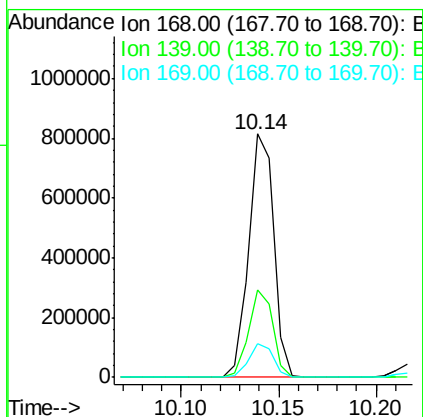
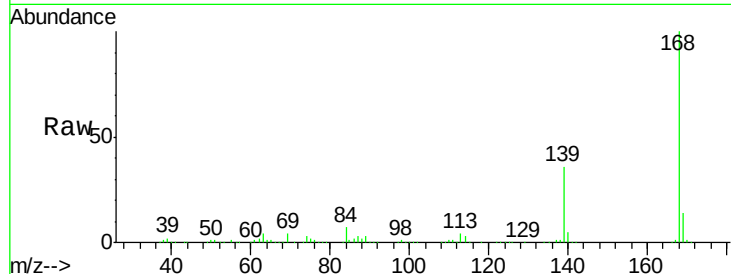




#55
Dibenzofuran
Concen: 42.059 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

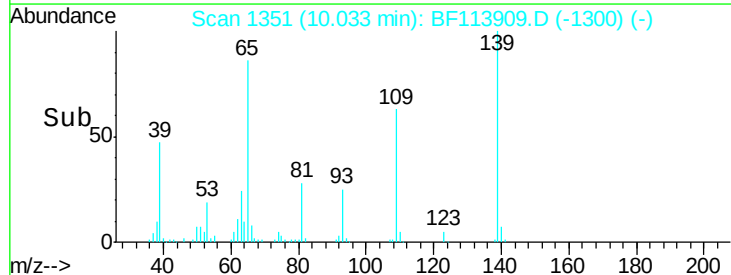
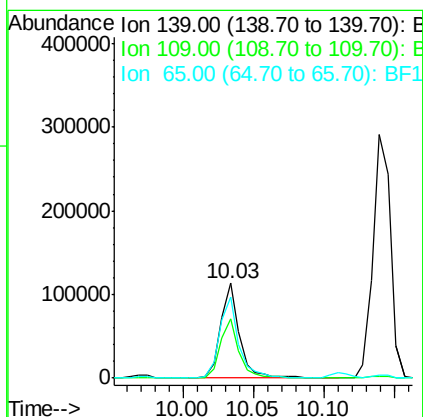
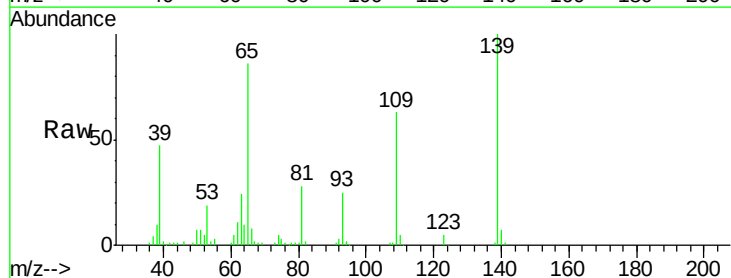
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

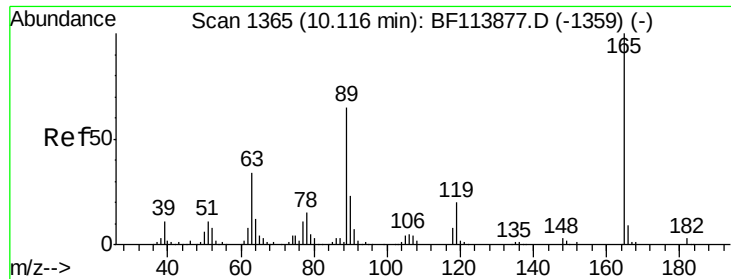
Tgt Ion:168 Resp: 723503
Ion Ratio Lower Upper
168 100
139 35.7 27.8 41.6
169 13.7 11.0 16.6



#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

Tgt Ion:139 Resp: 105616
Ion Ratio Lower Upper
139 100
109 63.1 42.9 82.9
65 85.8 64.4 104.4

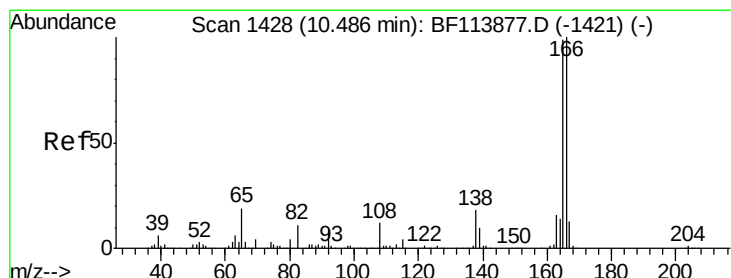
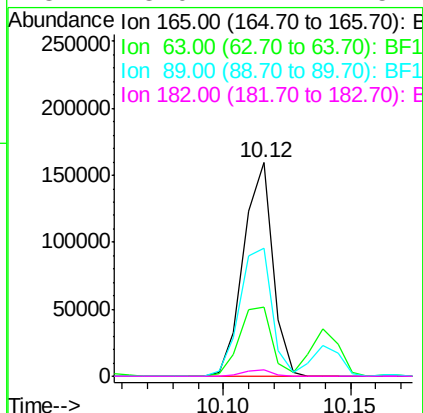
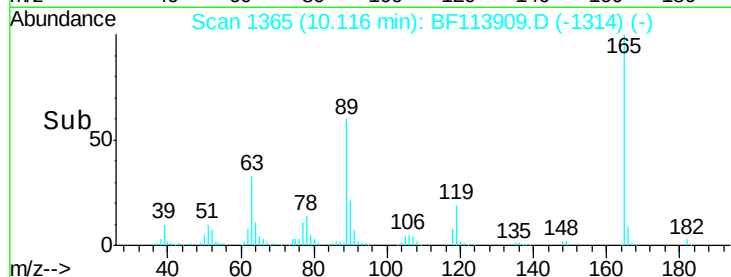
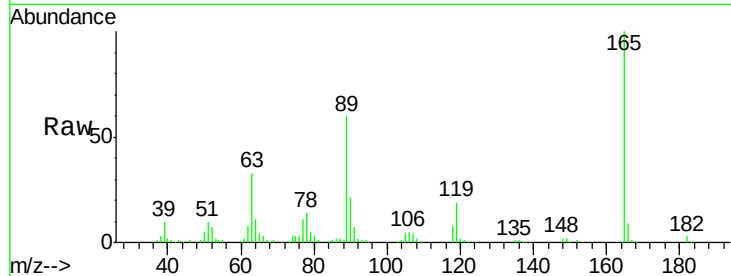




#57
 2,4-Dinitrotoluene
 Concen: 32.897 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

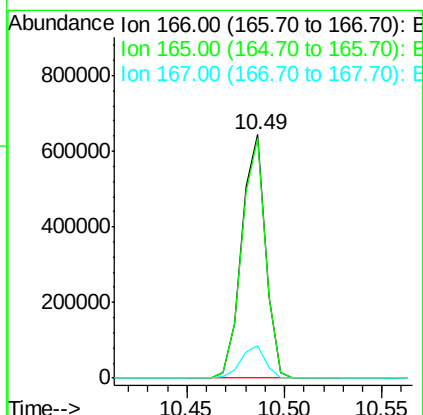
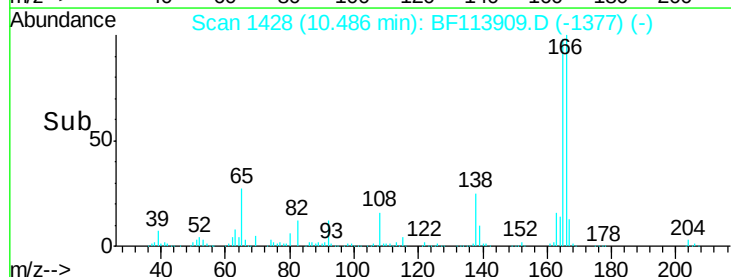
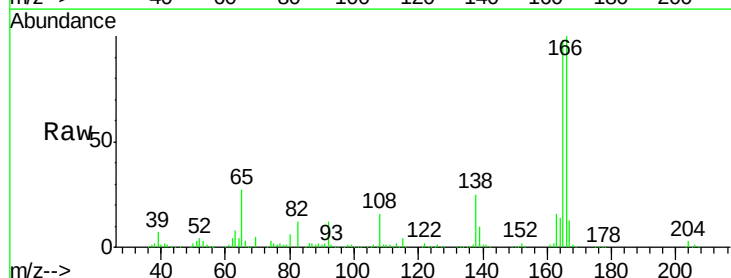
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

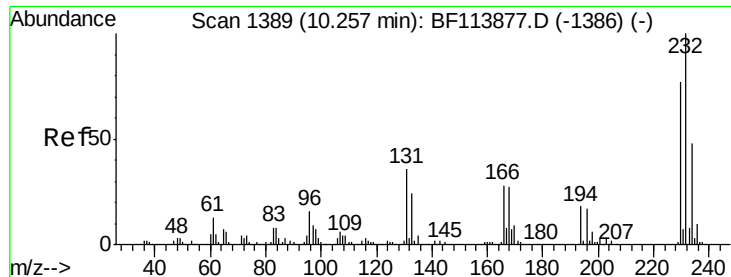
Tgt Ion:	165	Resp:	128726
Ion	Ratio	Lower	Upper
165	100		
63	32.7	27.4	41.0
89	59.8	51.8	77.6
182	3.0	2.2	3.2



#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

Tgt Ion:	166	Resp:	543935
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	13.3	10.9	16.3

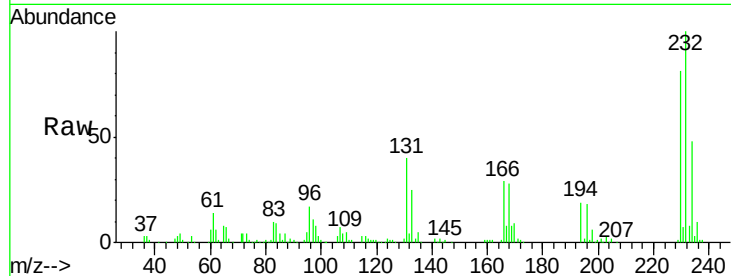




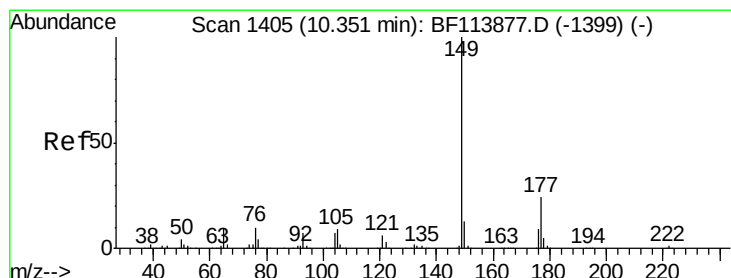
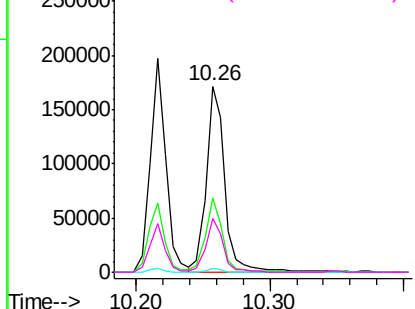
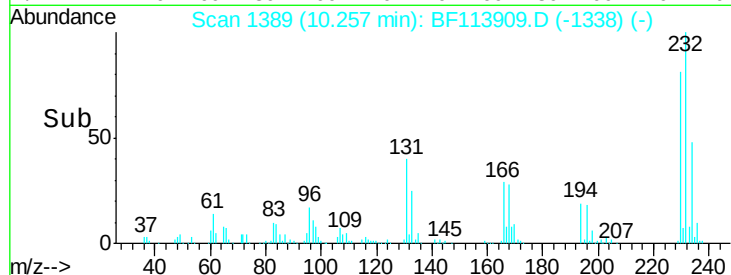
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.291 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

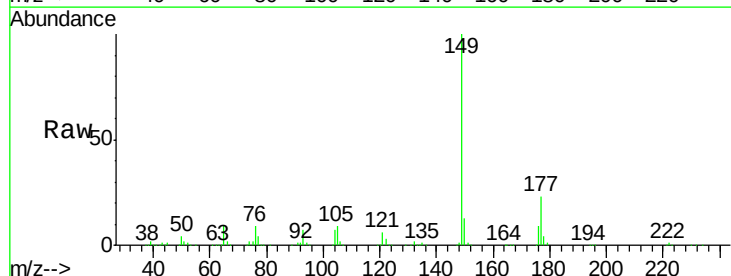


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

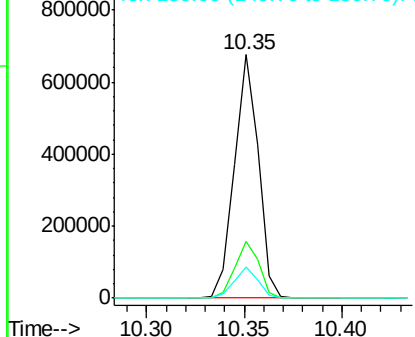
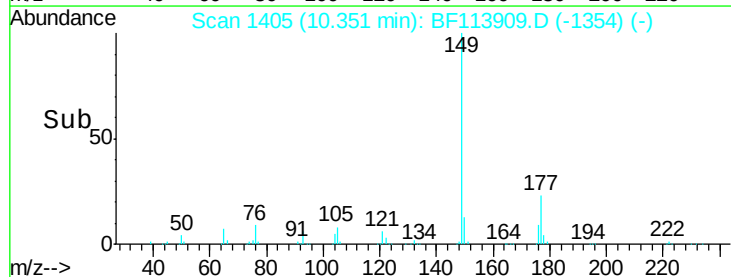


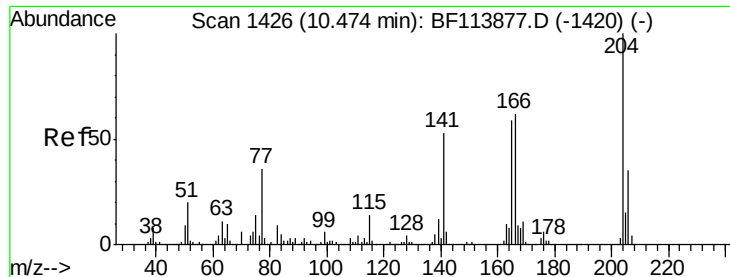
#60
Diethylphthalate
Concen: 41.869 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

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



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

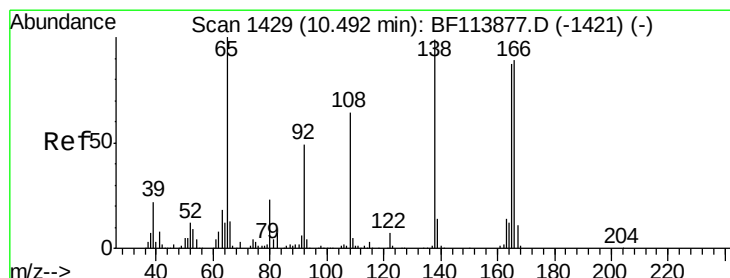
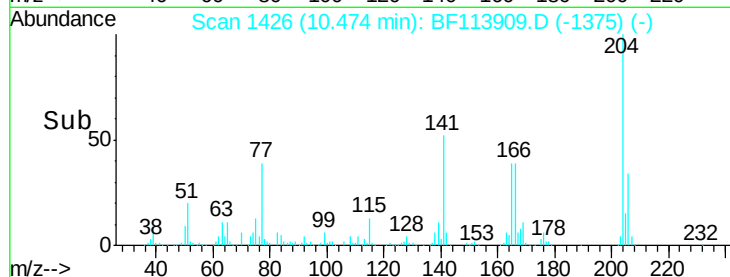
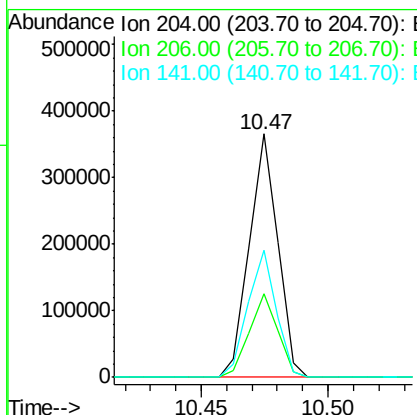
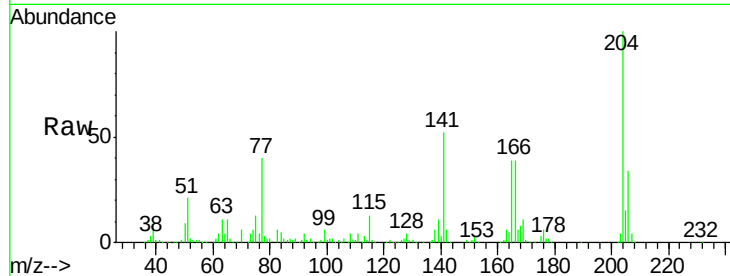




#61
 4-Chlorophenyl-phenylether
 Concen: 41.807 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

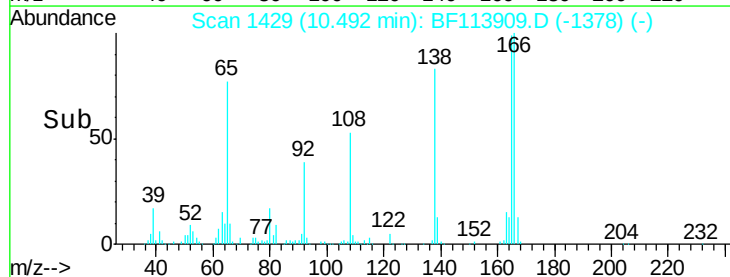
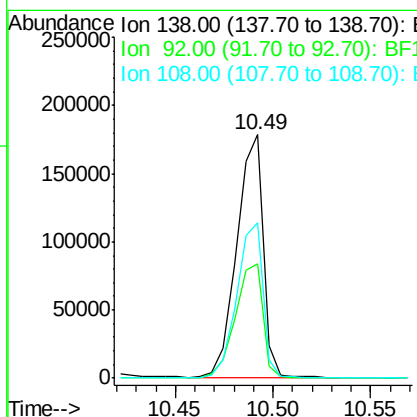
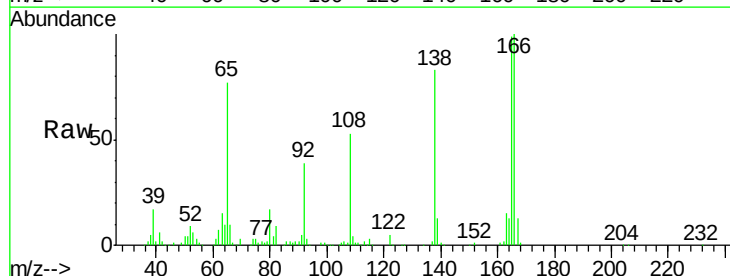
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

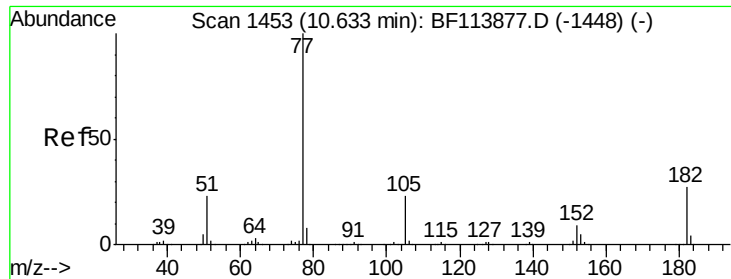
Tgt Ion:	204	Resp:	286749
Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.4	41.2
141	52.0	42.6	63.8



#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

Tgt Ion:	138	Resp:	166185
Ion	Ratio	Lower	Upper
138	100		
92	46.9	31.3	71.3
108	63.8	48.9	88.9





#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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 532125

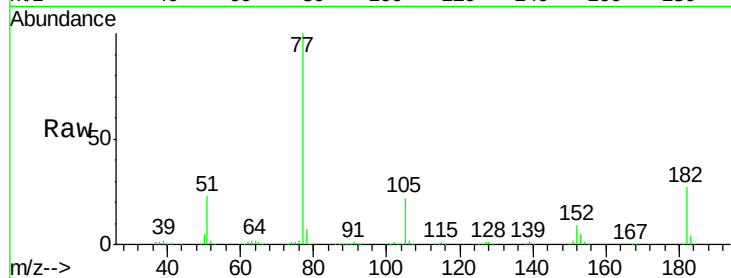
Ion Ratio Lower Upper

77 100

182 26.8 4.4 44.4

105 22.3 2.2 42.2

51 23.3 3.9 43.9

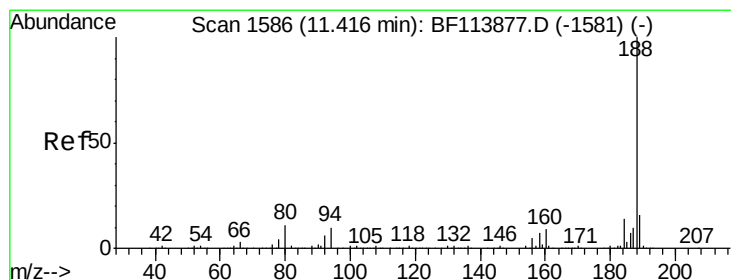
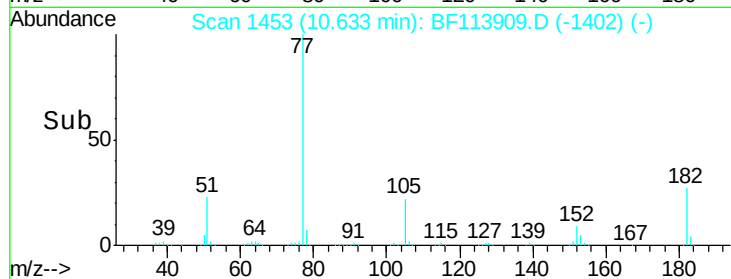
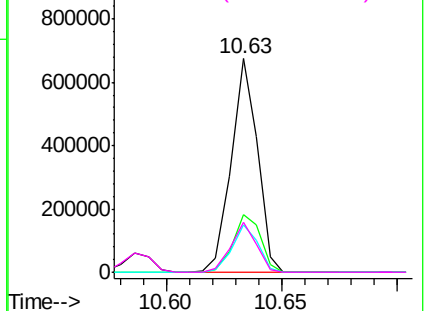


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

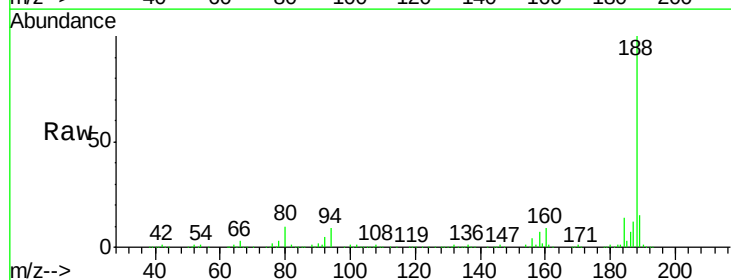
Tgt Ion: 188 Resp: 416129

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

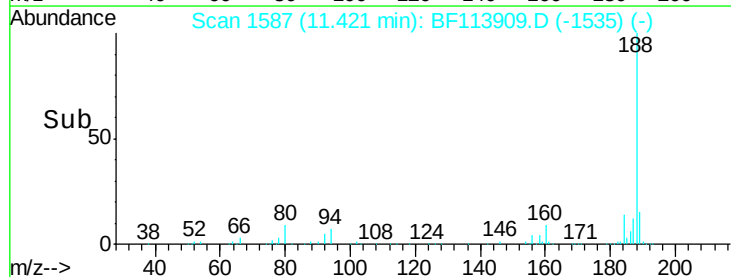
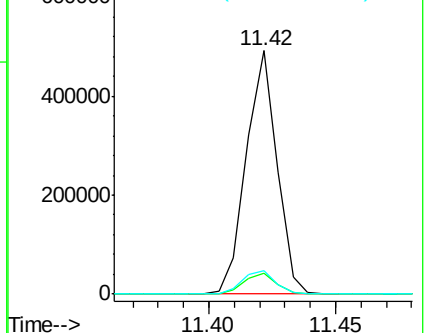
80 9.5 9.0 13.6

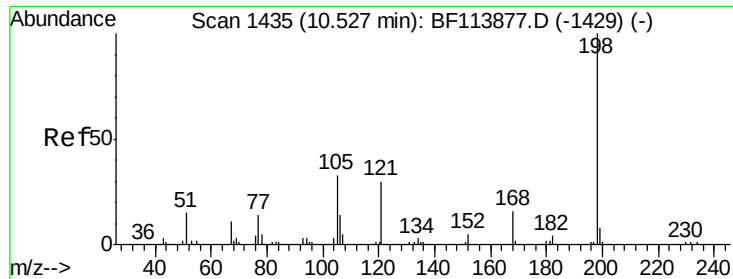


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

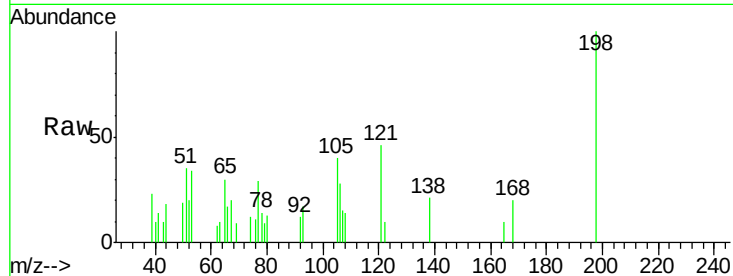




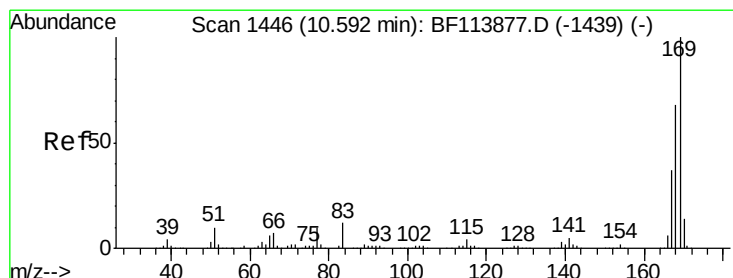
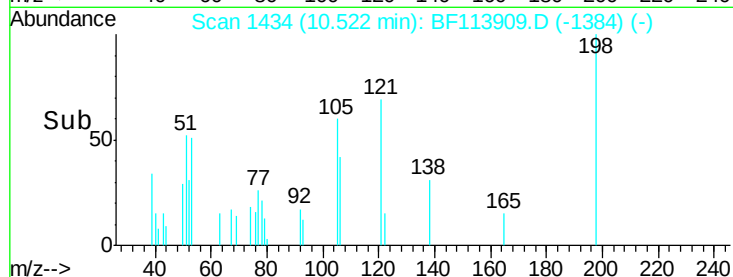
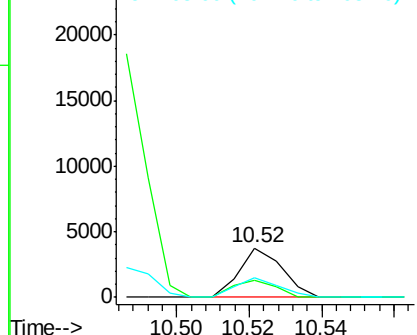
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.673 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

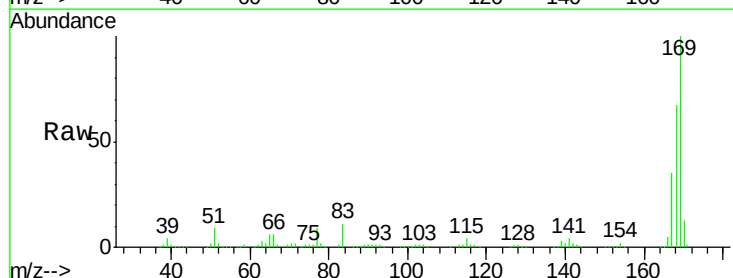


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

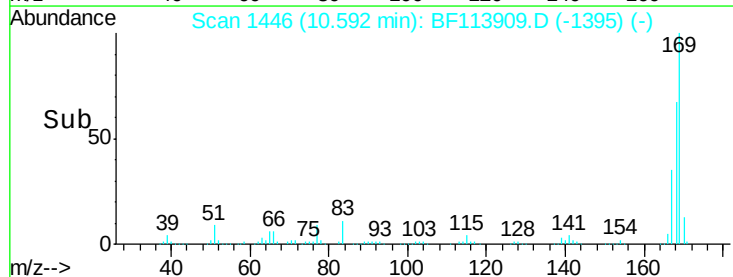
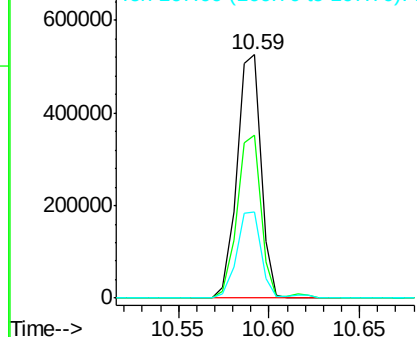


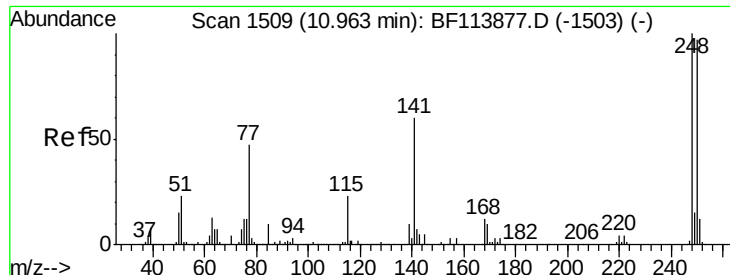
#66
 n-Nitrosodiphenylamine
 Concen: 38.917 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

Tgt Ion:169 Resp: 485914
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.3 81.5
 167 35.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

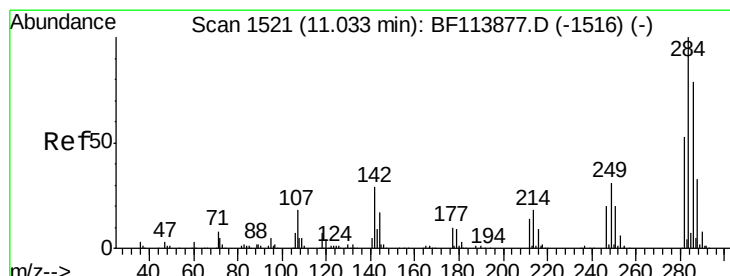
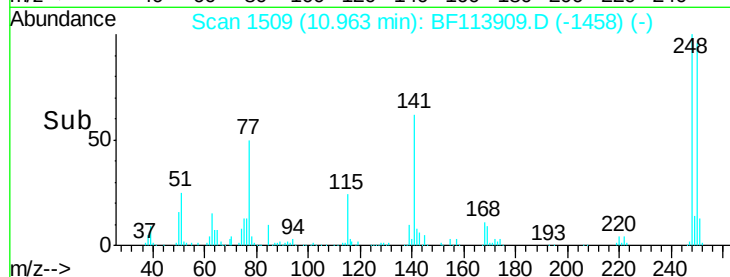
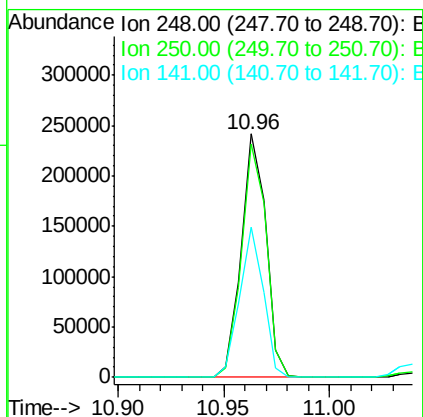
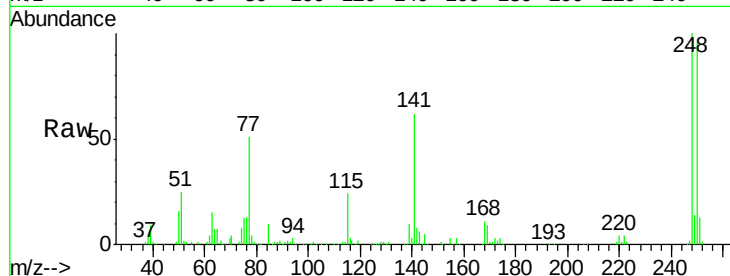




#67
4-Bromophenyl-phenylether
Concen: 38.811 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

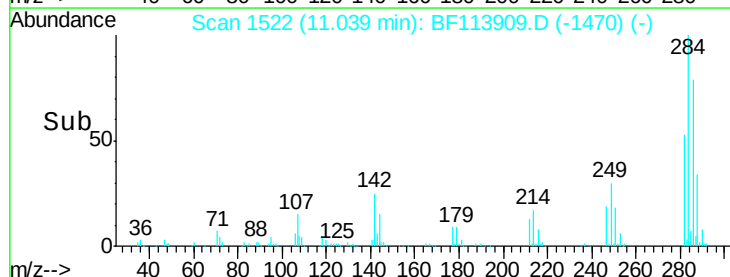
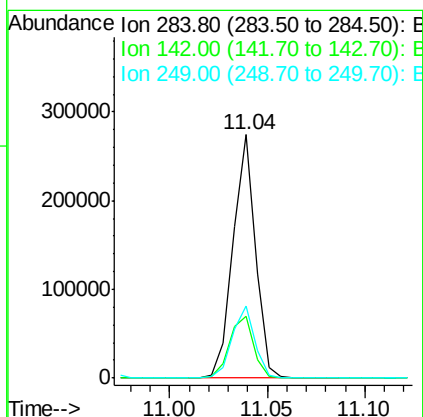
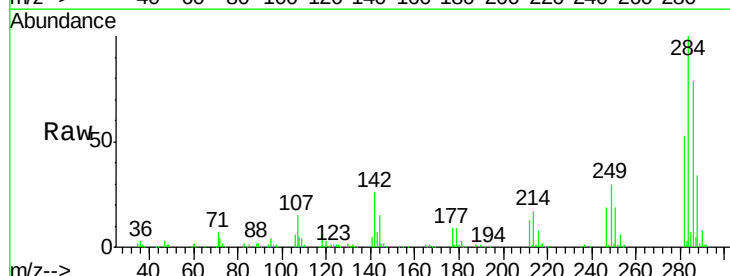
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

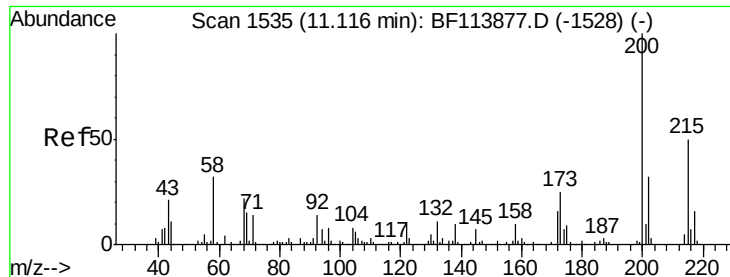
Tgt Ion: 248 Resp: 195101
Ion Ratio Lower Upper
248 100
250 95.9 75.8 113.6
141 61.7 50.2 75.4



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

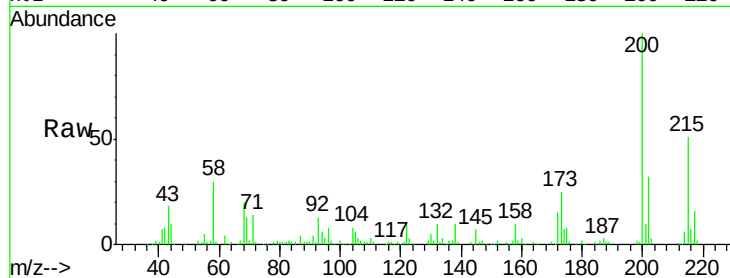
Tgt Ion:200 Resp: 135234

Ion Ratio Lower Upper

200 100

173 25.3 5.9 45.9

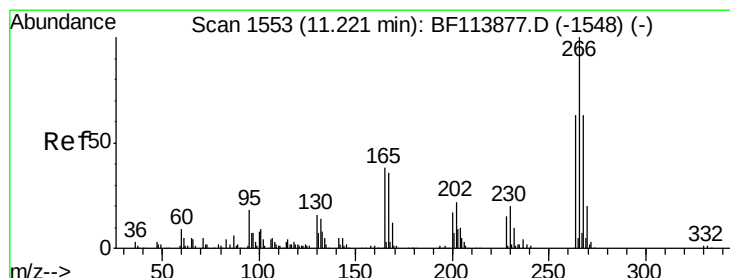
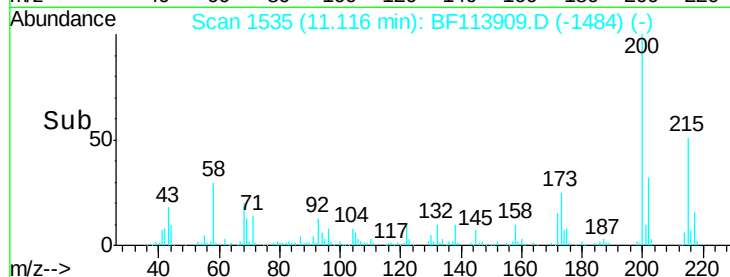
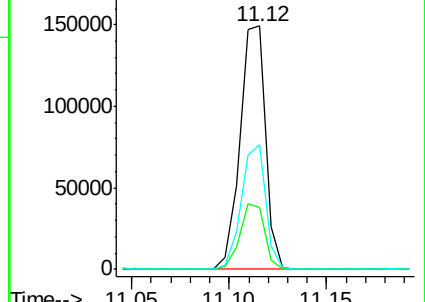
215 51.1 29.3 69.3



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

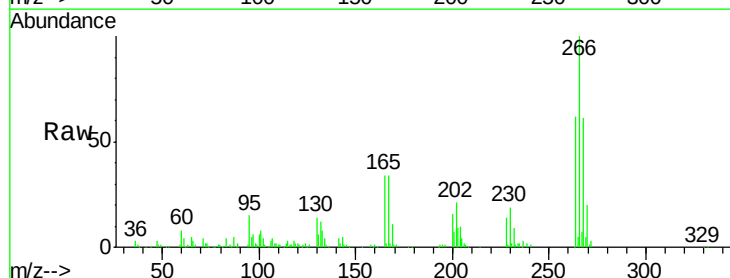
Tgt Ion:266 Resp: 126808

Ion Ratio Lower Upper

266 100

268 61.0 53.5 80.3

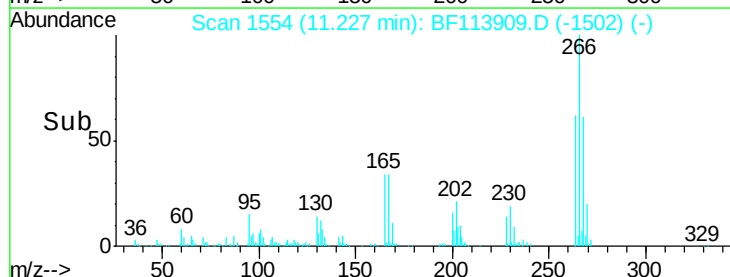
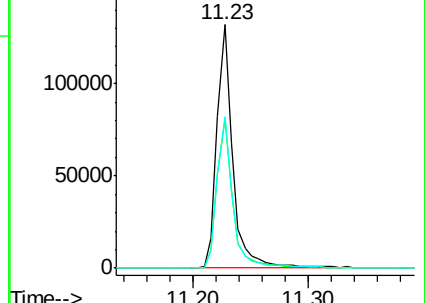
264 62.0 51.0 76.6

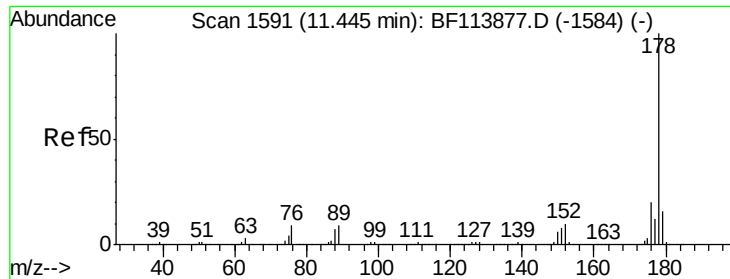


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

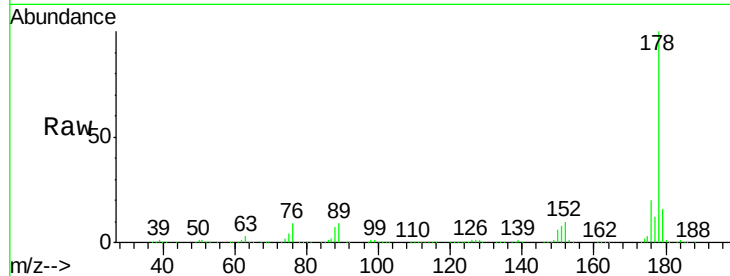
Tgt Ion:178 Resp: 887039

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

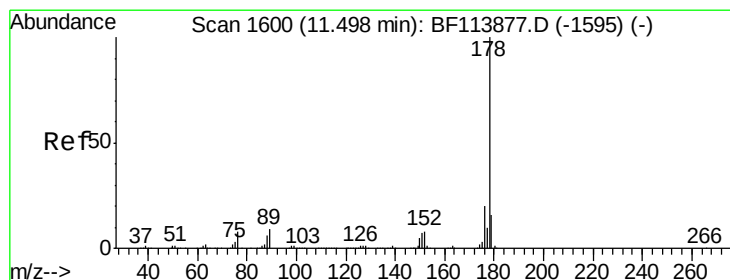
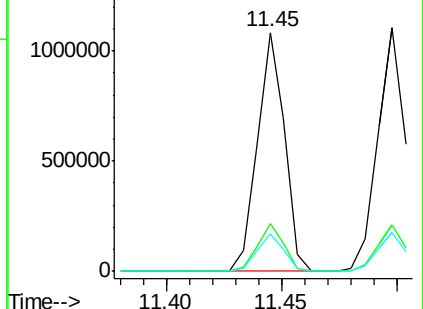
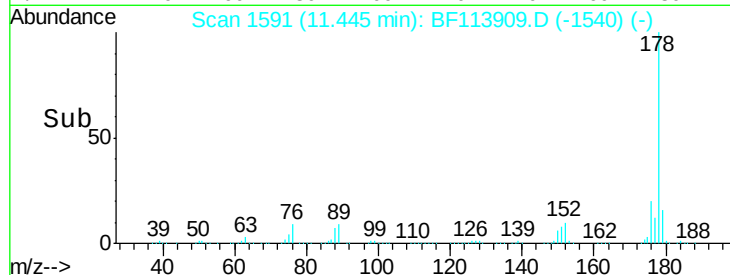
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#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

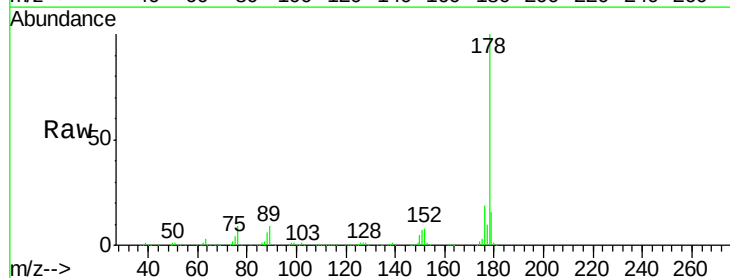
Tgt Ion:178 Resp: 905111

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

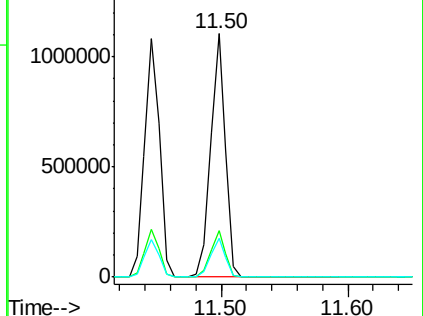
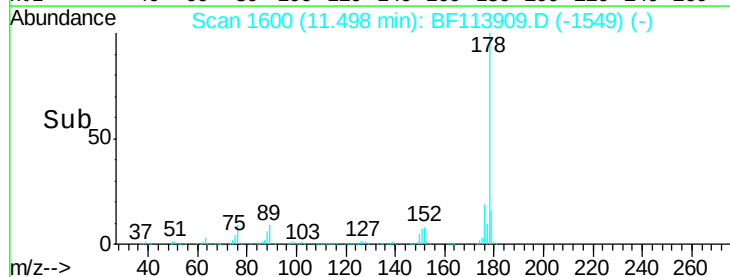
179 16.0 13.0 19.4

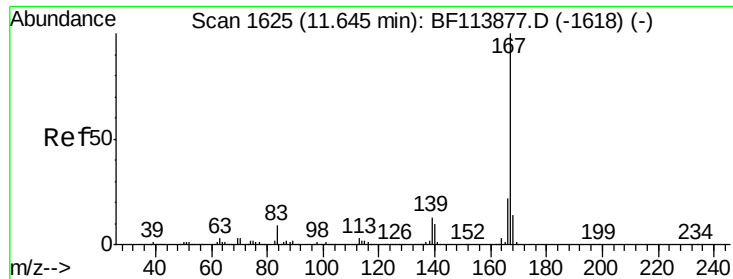


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

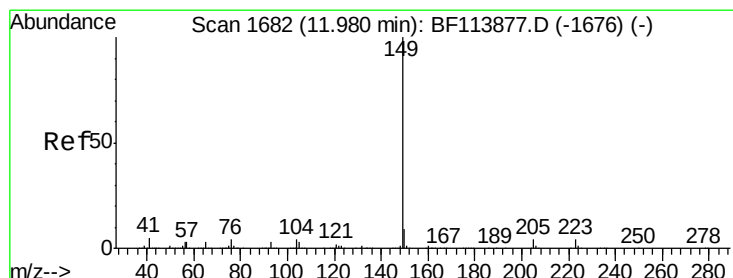
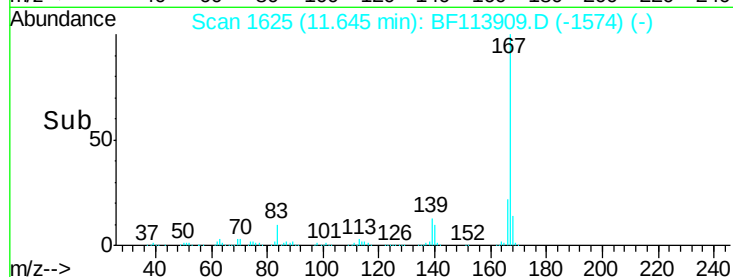
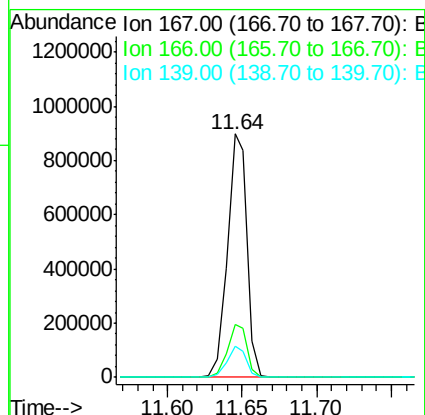
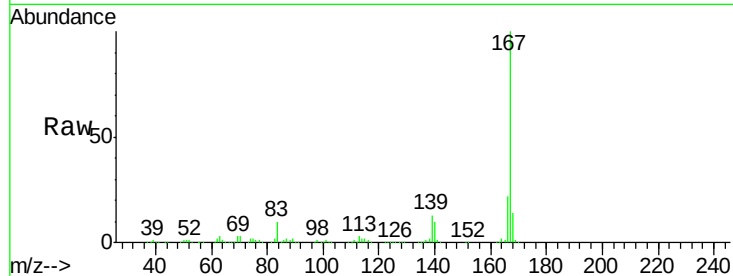




#73
 Carbazole
 Concen: 44.340 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

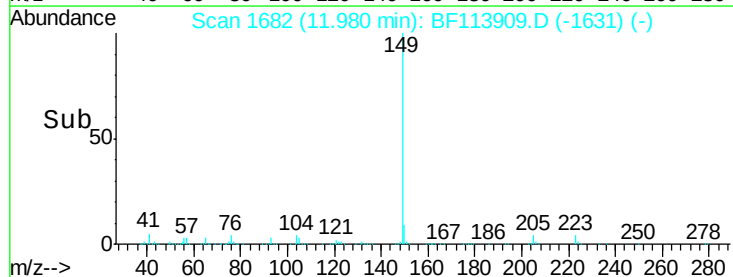
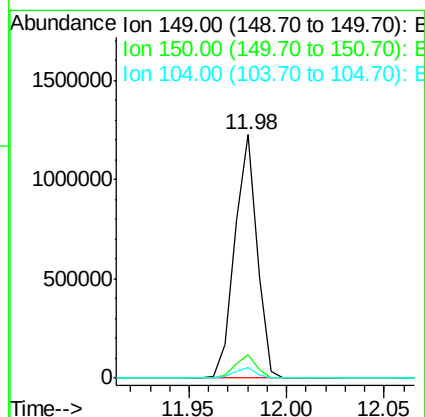
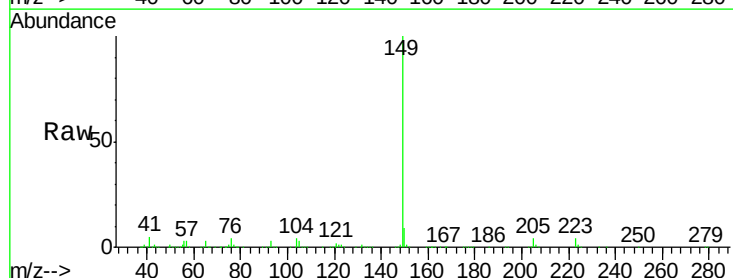
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

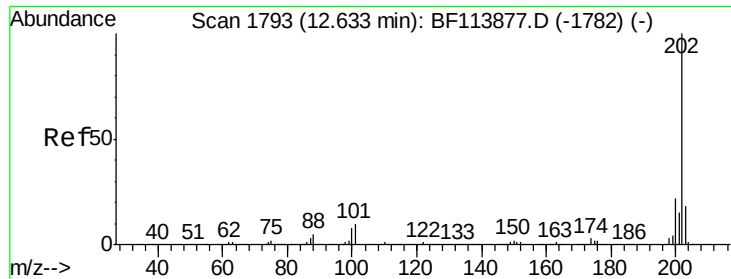
Tgt Ion:167 Resp: 835398
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 12.6 10.0 15.0



#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

Tgt Ion:149 Resp: 970004
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.3 3.8 5.8





#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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

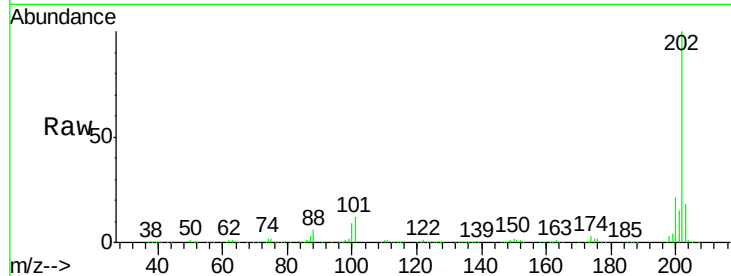
Tgt Ion:202 Resp: 1045552

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.9

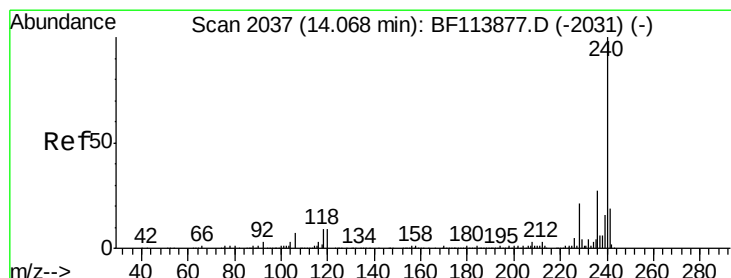
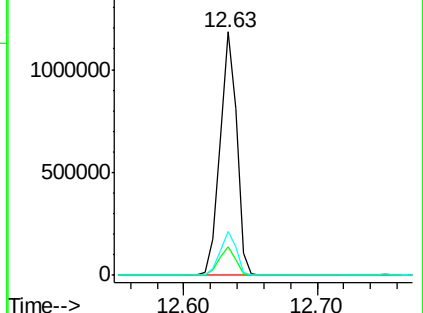
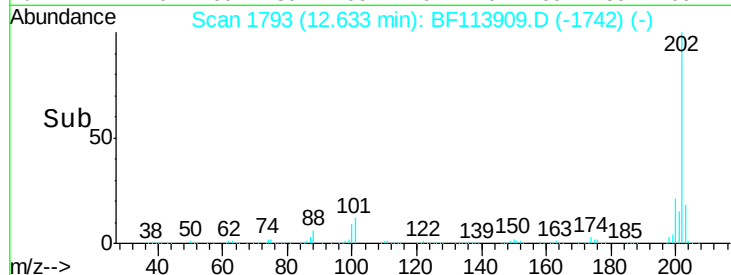
203 18.1 0.0 38.2



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

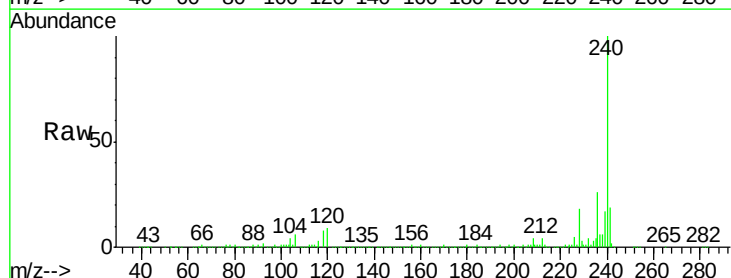
Tgt Ion:240 Resp: 381716

Ion Ratio Lower Upper

240 100

120 8.9 9.3 13.9#

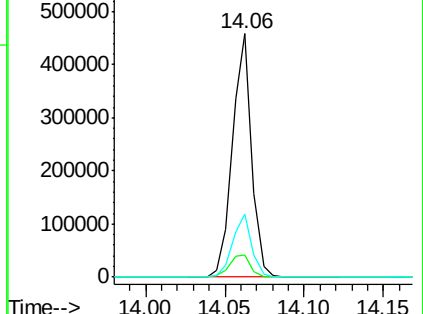
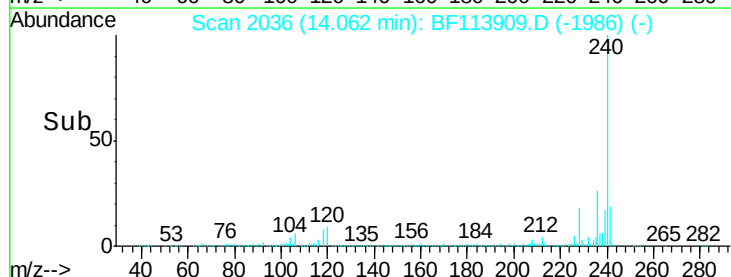
236 25.7 21.2 31.8

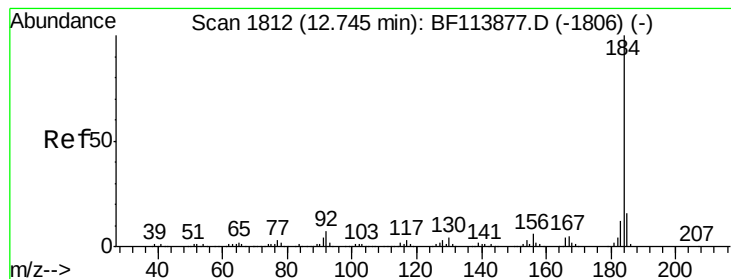


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

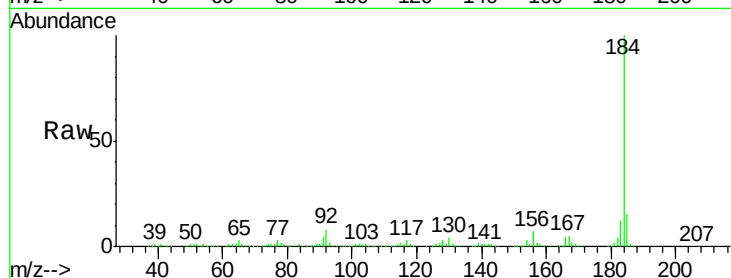
Tgt Ion:184 Resp: 745339

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

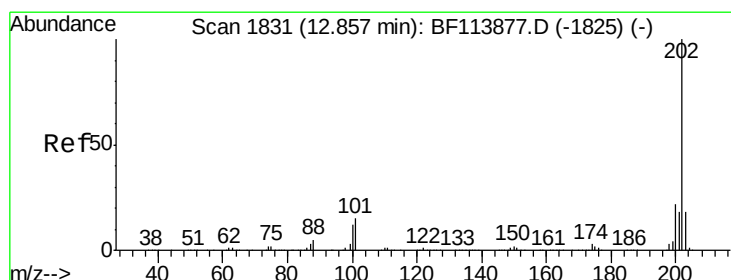
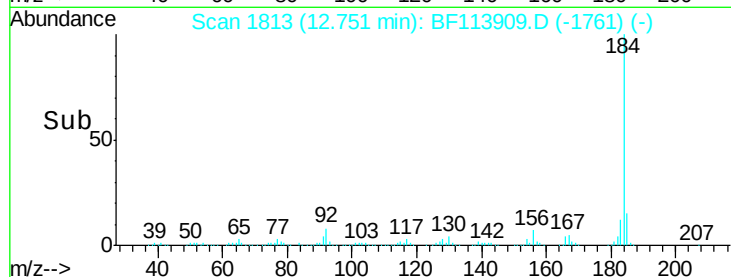
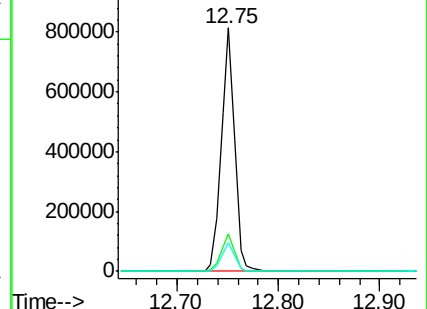
183 11.6 9.4 14.0



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

Pyrene

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

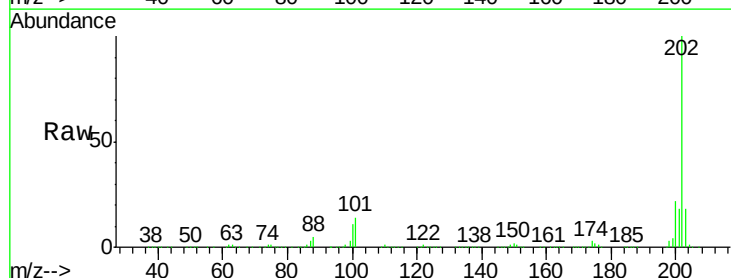
Tgt Ion:202 Resp: 1058375

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

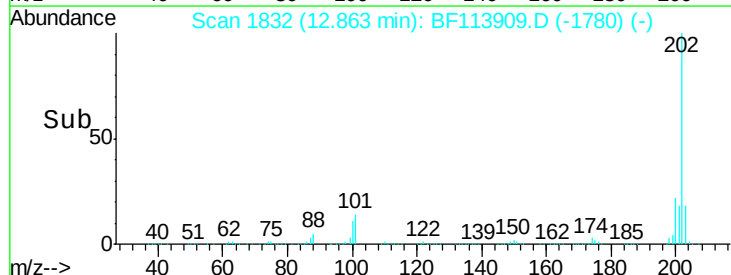
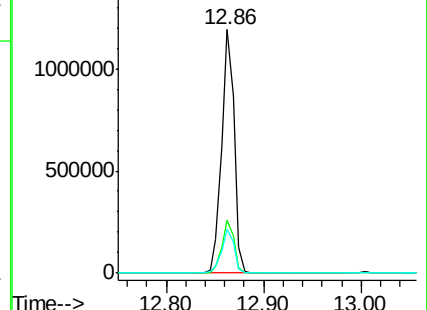
203 18.1 15.0 22.6

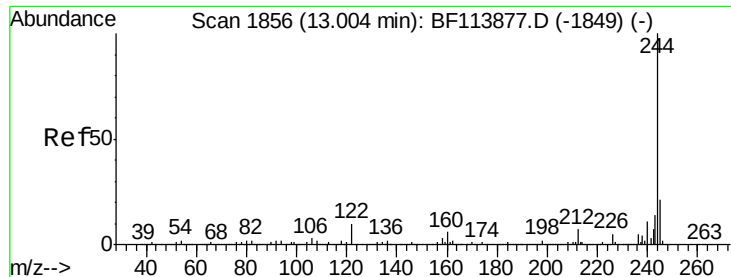


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

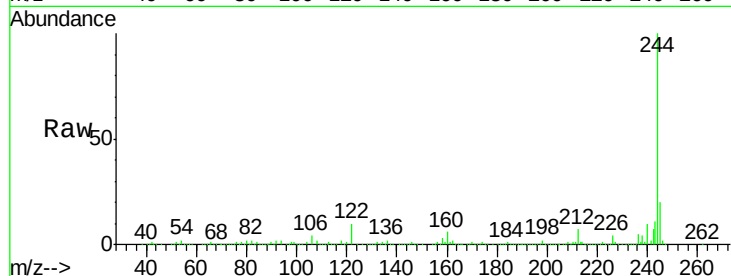
Tgt Ion:244 Resp: 1570651

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

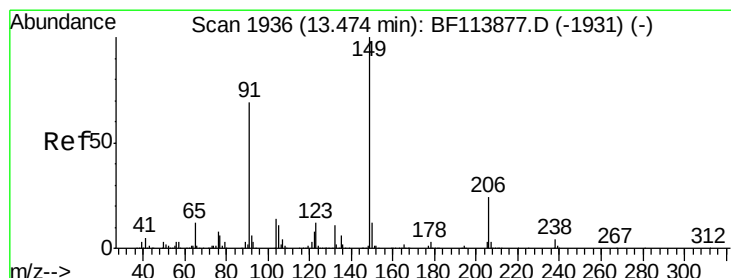
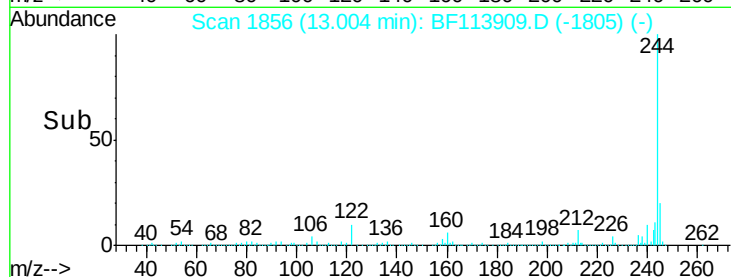
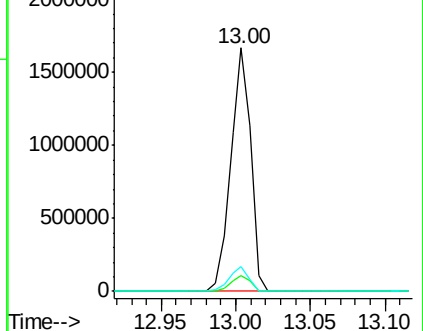
122 10.4 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 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

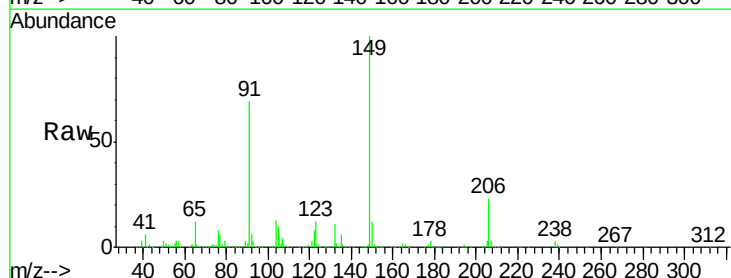
Tgt Ion:149 Resp: 454594

Ion Ratio Lower Upper

149 100

91 69.1 56.3 84.5

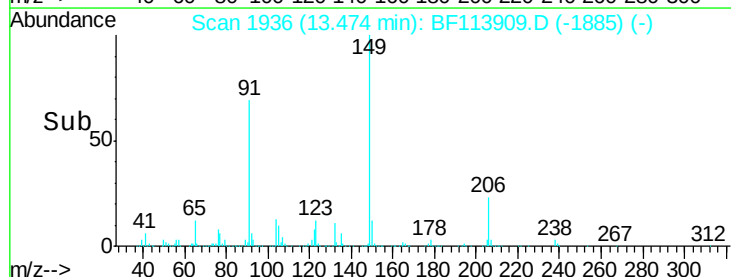
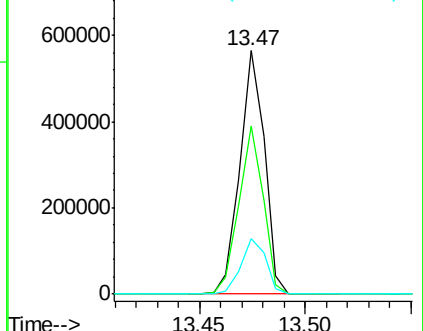
206 22.7 19.0 28.6

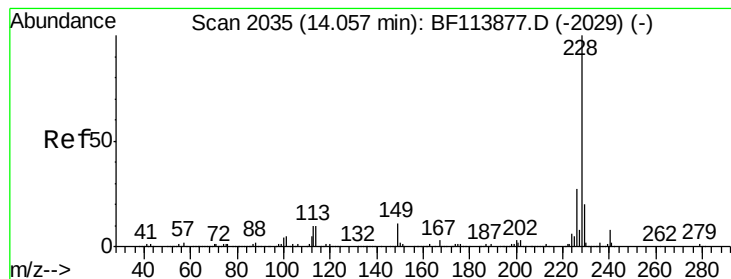


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

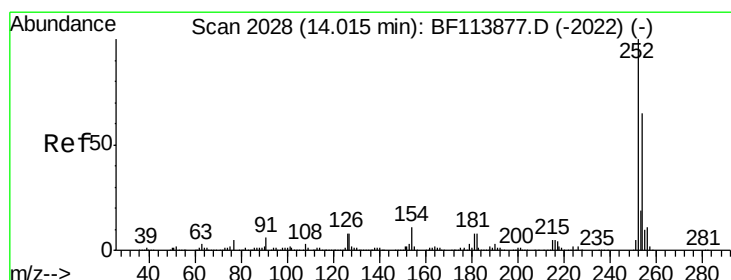
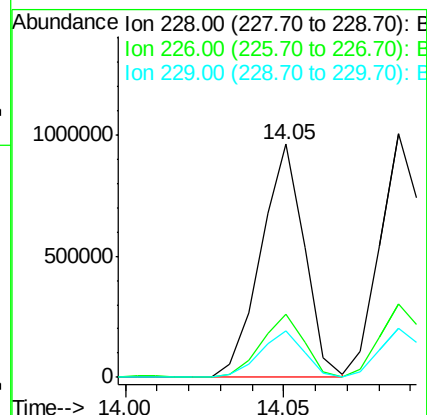
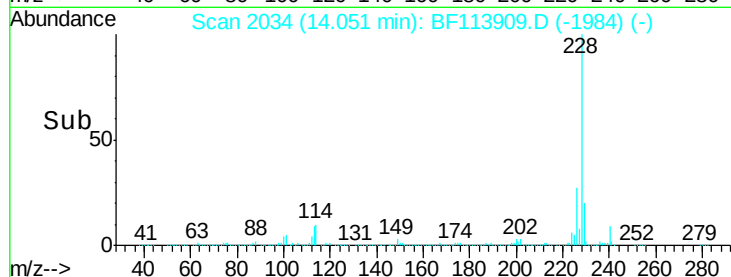
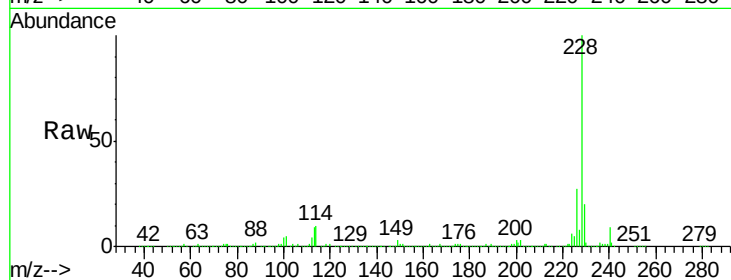
Tgt Ion:228 Resp: 912869

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

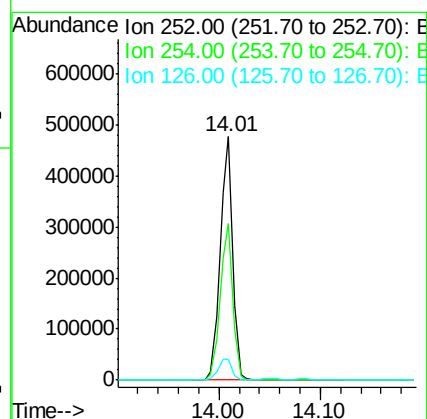
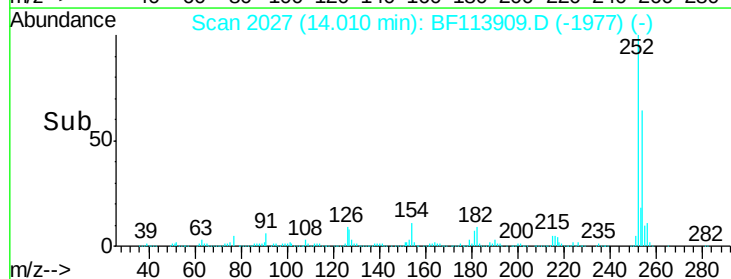
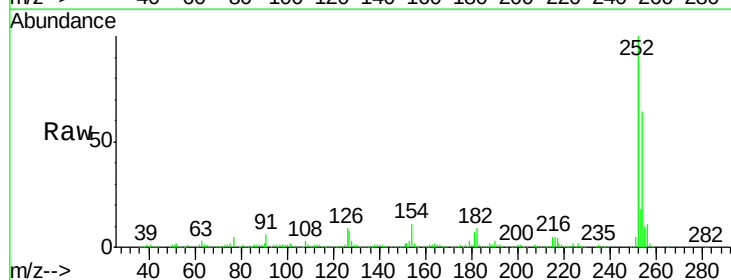
Tgt Ion:252 Resp: 408836

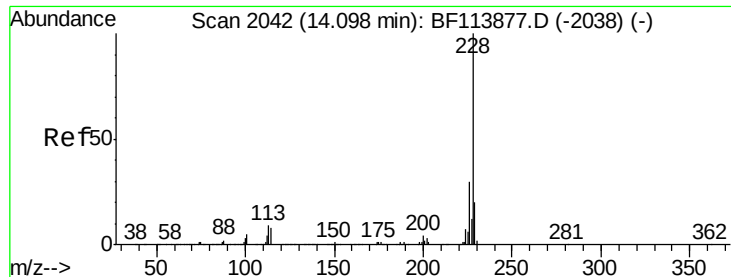
Ion Ratio Lower Upper

252 100

254 64.3 52.1 78.1

126 8.7 9.3 13.9#

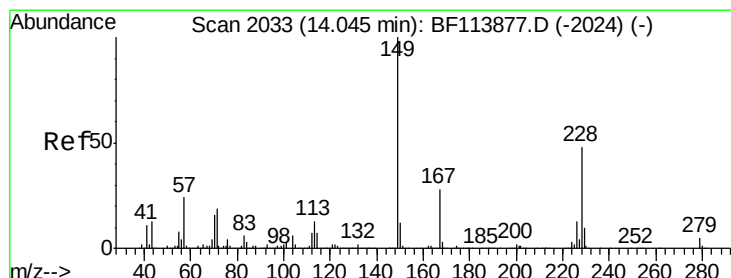
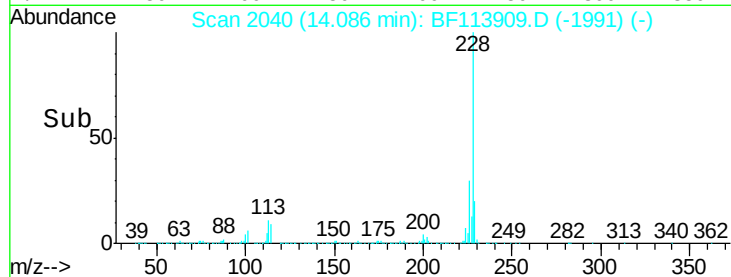
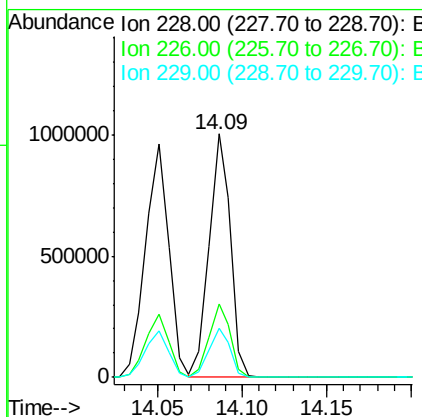
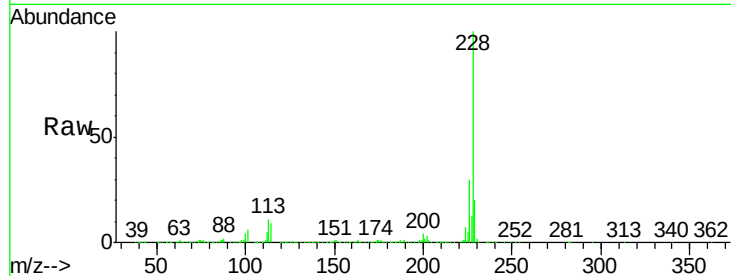




#83
Chrysene
 Concen: 40.549 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF113909.D
 Acq: 23 Apr 2019 6:09

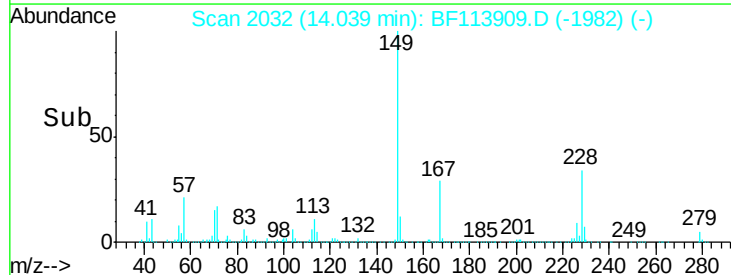
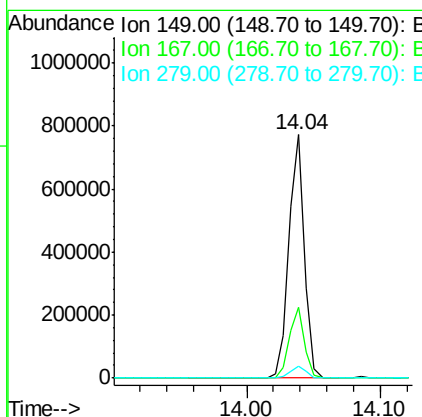
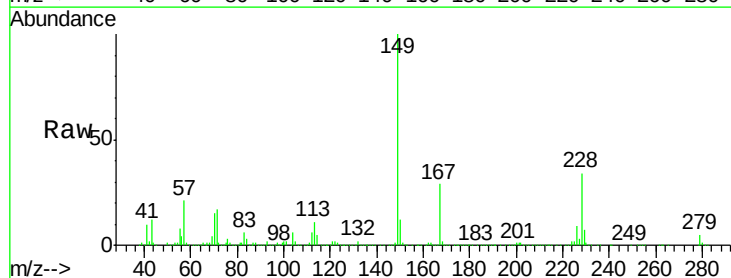
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

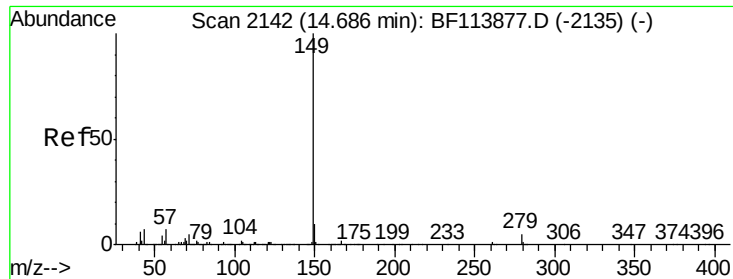
Tgt Ion: 228 Resp: 888158
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.2 37.8
 229 20.0 16.7 25.1



#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

Tgt Ion: 149 Resp: 631941
 Ion Ratio Lower Upper
 149 100
 167 29.1 22.9 34.3
 279 5.1 4.2 6.2





#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

Instrument :

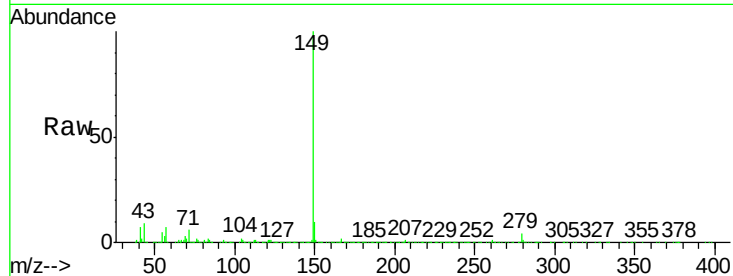
BNA_F

ClientSampleId :

SSTDCCC040

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

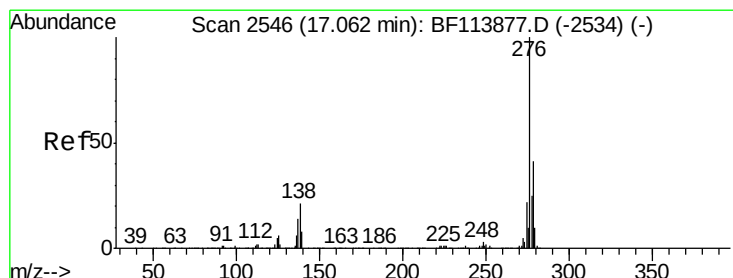
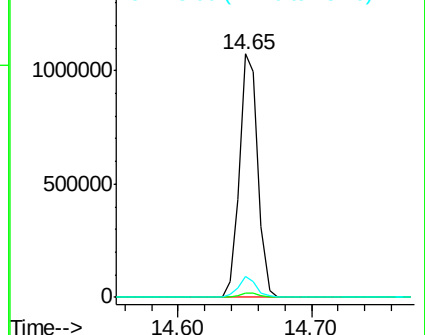
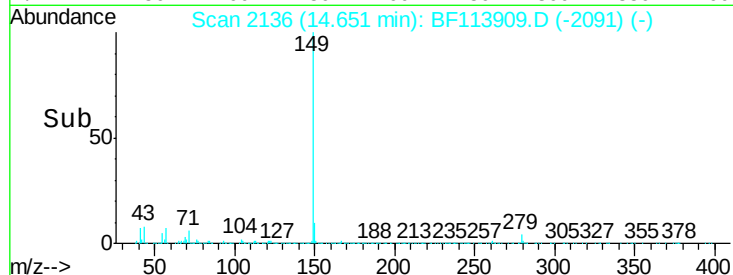


Abundance

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

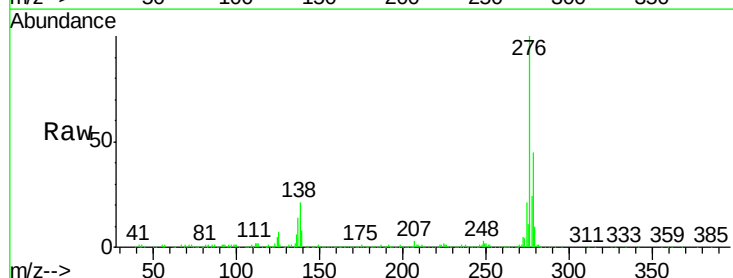
Delta R.T. -0.03 min

Lab File: BF113909.D

Acq: 23 Apr 2019 6:09

Tgt Ion:276 Resp: 682438

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

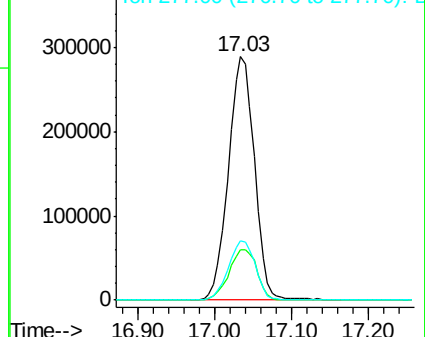
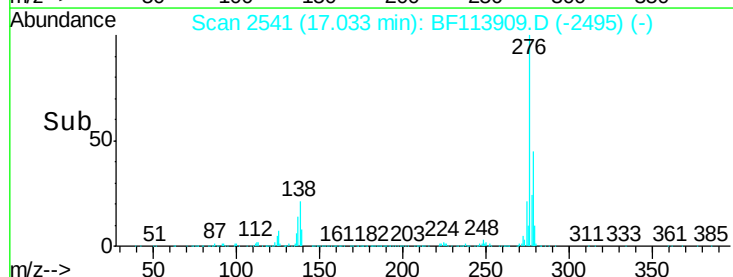


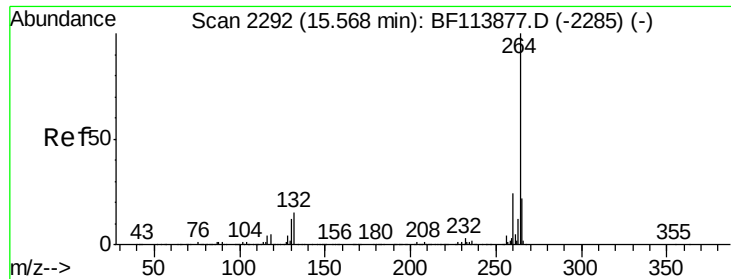
Abundance

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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

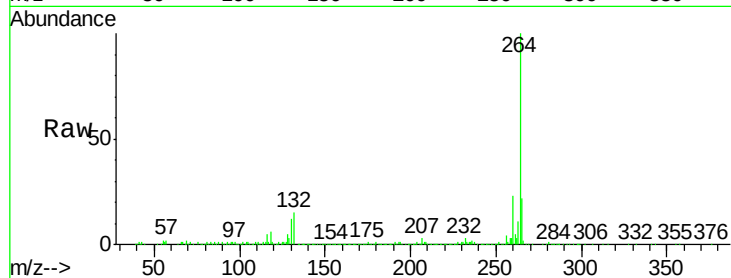
Tgt Ion: 264 Resp: 288862

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

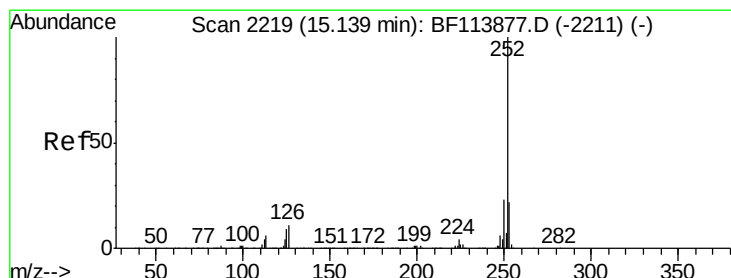
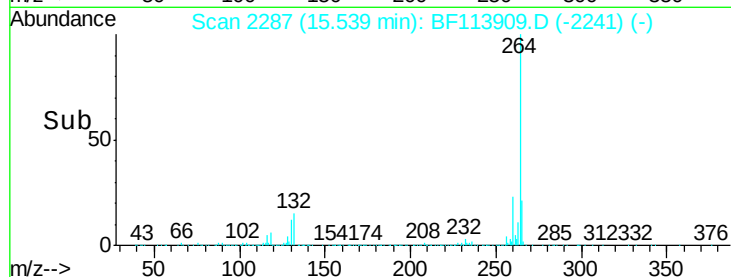
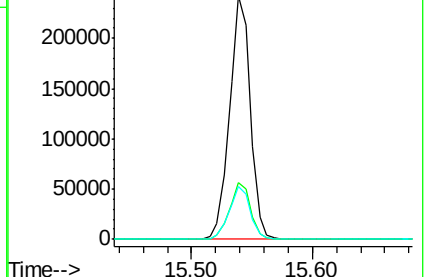
265 21.8 17.3 25.9



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

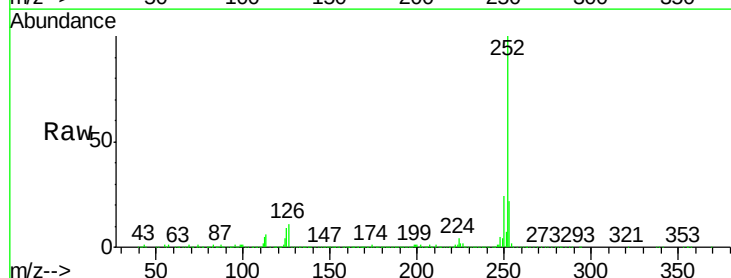
Tgt Ion: 252 Resp: 726498

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

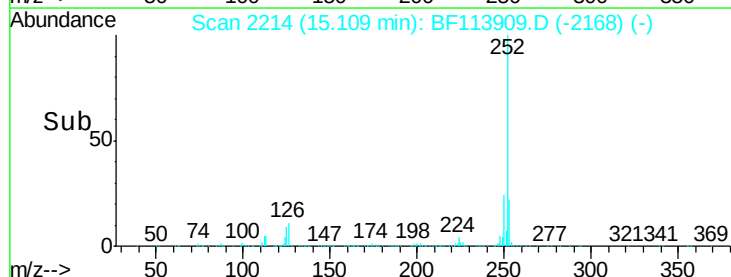
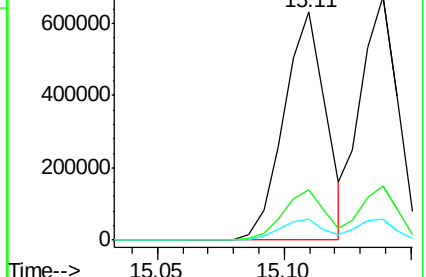
125 9.0 7.0 10.6

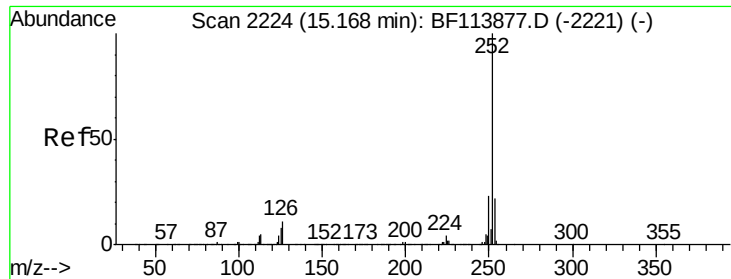


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

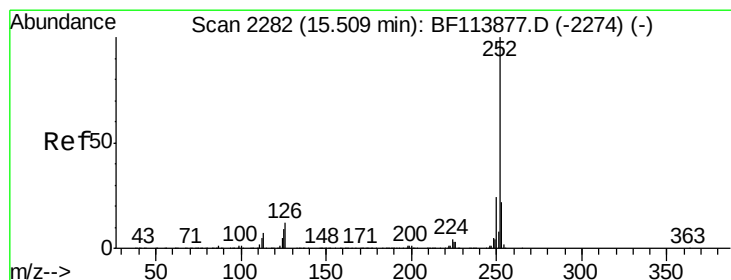
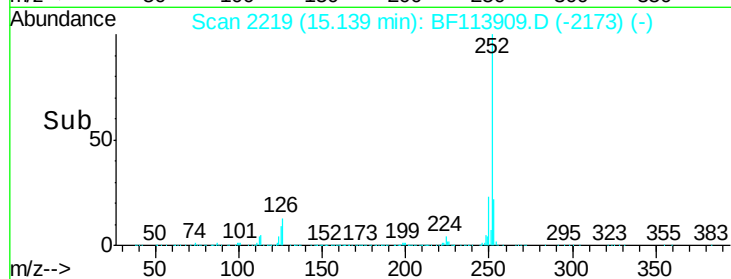
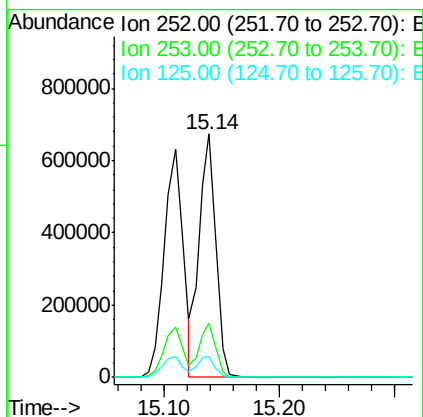
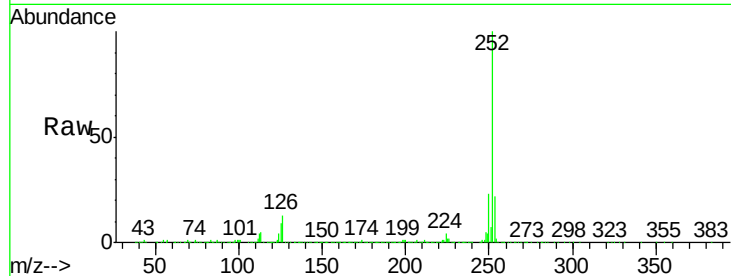




#89
Benzo(k)fluoranthene
Concen: 43.886 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF113909.D
Acq: 23 Apr 2019 6:09

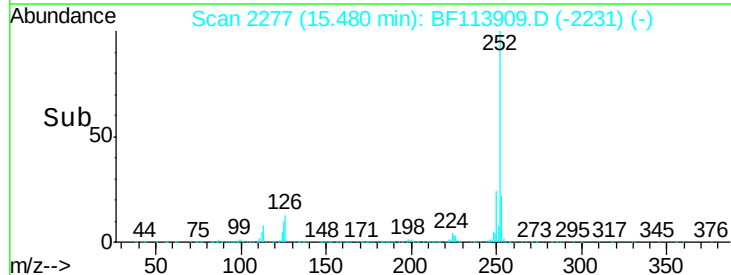
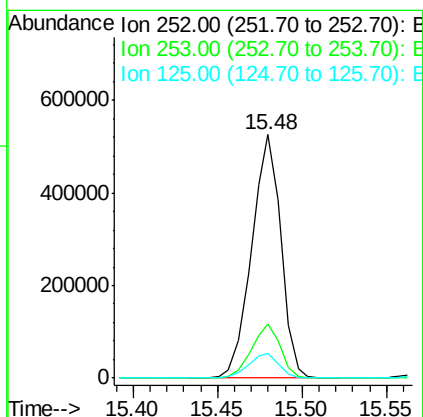
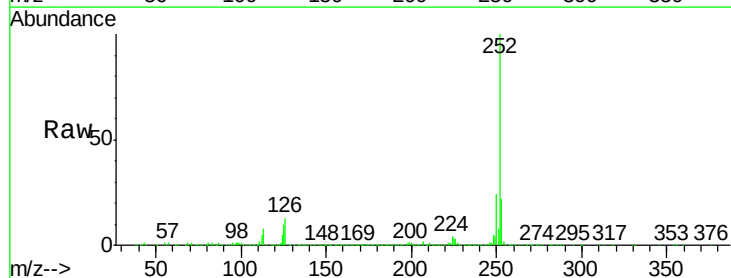
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

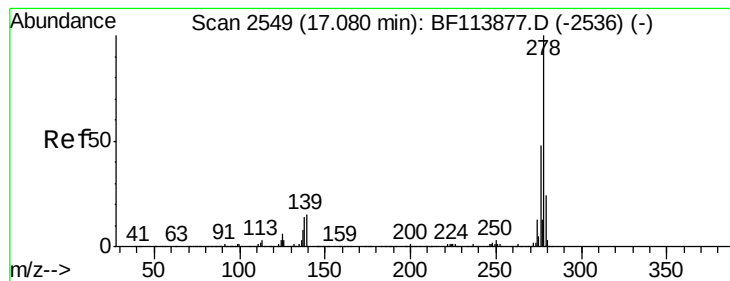
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.8	7.4	11.2



#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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.3	8.5	12.7





#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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

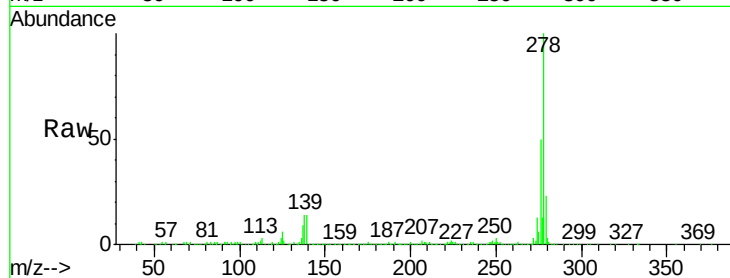
Tgt Ion:278 Resp: 574000

Ion Ratio Lower Upper

278 100

139 13.9 11.6 17.4

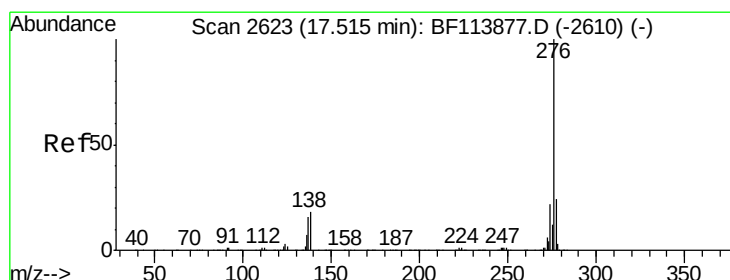
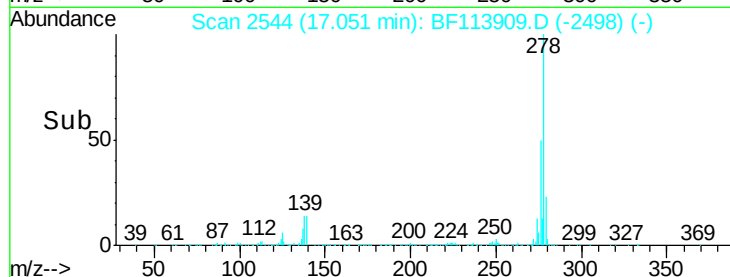
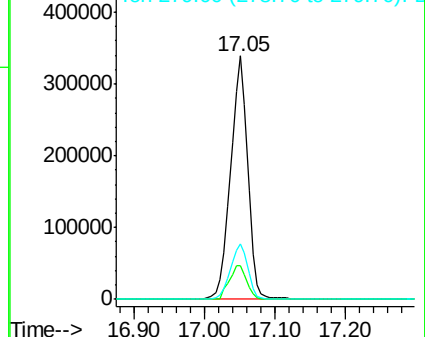
279 23.0 19.0 28.6



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(g,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

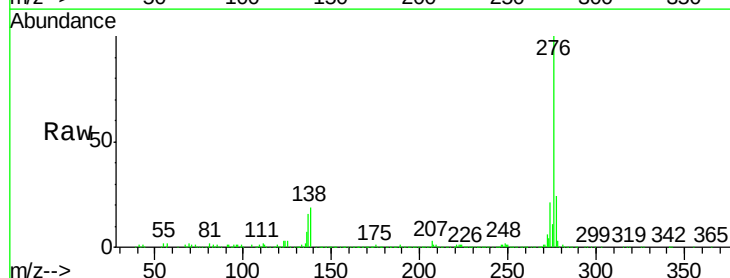
Tgt Ion:276 Resp: 544786

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 18.7 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

