

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078908.D
 Acq On : 4 May 2015 9:48
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 05 10:47:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	94810	20.00	ng	-0.01
21) Naphthalene-d8	8.94	136	403690	20.00	ng	-0.01
38) Acenaphthene-d10	11.12	164	193398	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	378214	20.00	ng	-0.01
75) Chrysene-d12	16.32	240	393851m	20.00	ng	0.02
86) Perylene-d12	18.24	264	394376	20.00	ng	0.13

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	404590	73.46	ng	-0.02
7) Phenol-d6	6.90	99	536633	73.71	ng	-0.02
23) Nitrobenzene-d5	8.04	82	523303	74.50	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	165616	79.16	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	1081417	77.90	ng	-0.01
78) Terphenyl-d14	14.96	244	1260335	76.61	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	92926	38.80	ng	# 28
3) Pyridine	3.07	79	248982	35.53	ng	99
4) n-Nitrosodimethylamine	2.99	42	116071	38.65	ng	90
6) Aniline	6.95	93	401739	39.09	ng	100
8) 2-Chlorophenol	7.08	128	238102	38.11	ng	99
9) Benzaldehyde	6.81	77	179741	36.65	ng	99
10) Phenol	6.92	94	327283	38.75	ng	92
11) bis(2-Chloroethyl)ether	7.04	93	230958	37.30	ng	97
12) 1,3-Dichlorobenzene	7.28	146	262461	37.38	ng	99
13) 1,4-Dichlorobenzene	7.38	146	277828	38.45	ng	97
14) 1,2-Dichlorobenzene	7.56	146	264348	39.30	ng	99
15) Benzyl Alcohol	7.53	79	195408	36.16	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.71	45	351385	37.10	ng	100
17) 2-Methylphenol	7.68	107	195368	38.86	ng	94
18) Hexachloroethane	7.99	117	95560	38.39	ng	96
19) n-Nitroso-di-n-propylamine	7.87	70	193842	39.42	ng	# 86
20) 3+4-Methylphenols	7.86	107	260658	38.91	ng	93
22) Acetophenone	7.86	105	330395	36.23	ng	# 95
24) Nitrobenzene	8.07	77	247509	35.55	ng	99
25) Isophorone	8.38	82	494978	38.01	ng	# 89
26) 2-Nitrophenol	8.47	139	103217	35.82	ng	95
27) 2,4-Dimethylphenol	8.52	122	219173	38.01	ng	94
28) bis(2-Chloroethoxy)methane	8.65	93	316104	39.38	ng	99
29) 2,4-Dichlorophenol	8.75	162	191038	37.26	ng	94
30) 1,2,4-Trichlorobenzene	8.87	180	215681	38.29	ng	96
31) Naphthalene	8.96	128	717102	37.28	ng	100
32) Benzoic acid	8.62	122	107414m	32.14	ng	
33) 4-Chloroaniline	9.03	127	312265	38.37	ng	97
34) Hexachlorobutadiene	9.12	225	122947	37.90	ng	100
35) Caprolactam	9.46	113	62924	37.95	ng	95
36) 4-Chloro-3-methylphenol	9.63	107	220595	40.96	ng	93
37) 2-Methylnaphthalene	9.83	142	506465	38.00	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	202385	37.16	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	100123	36.56	ng	96

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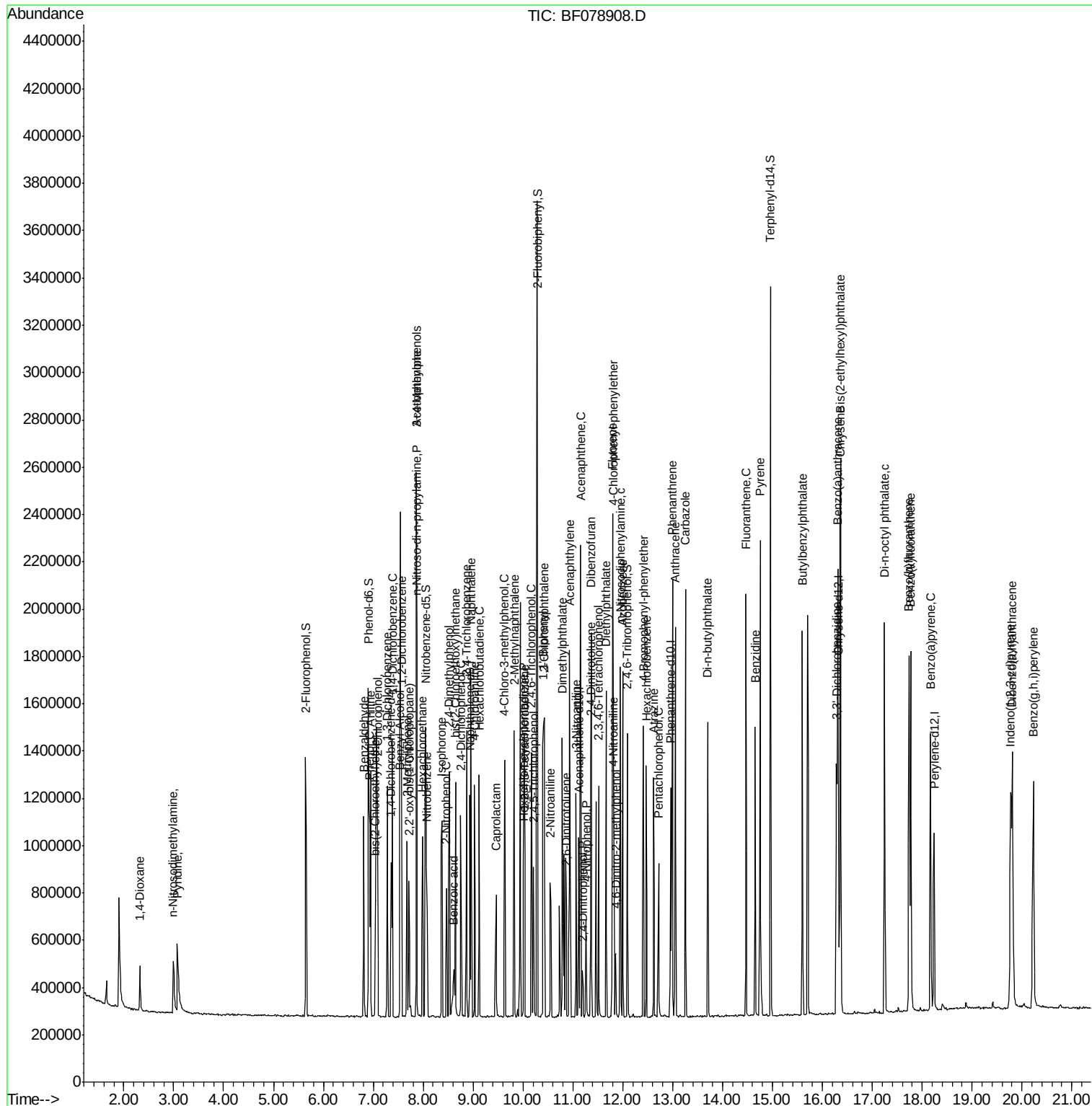
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	143005	38.19	nq	96
43) 2,4,5-Trichlorophenol	10.22	196	144935	38.28	nq #	88
45) 1,1'-Biphenyl	10.41	154	583711	37.97	nq	95
46) 2-Chloronaphthalene	10.42	162	440469	36.73	nq	97
47) 2-Nitroaniline	10.55	65	133057	38.29	nq	90
48) Acenaphthylene	10.94	152	745173	37.84	nq	100
49) Dimethylphthalate	10.79	163	519759	36.62	nq	99
50) 2,6-Dinitrotoluene	10.87	165	108126	38.60	nq #	64
51) Acenaphthene	11.15	154	457976	39.00	nq	99
52) 3-Nitroaniline	11.06	138	138290	39.52	nq #	86
53) 2,4-Dinitrophenol	11.20	184	27629	37.08	nq #	72
54) Dibenzofuran	11.37	168	652442	38.47	nq	99
55) 4-Nitrophenol	11.27	139	101381	36.61	nq	93
56) 2,4-Dinitrotoluene	11.36	165	153004	41.32	nq #	70
57) Fluorene	11.79	166	524797	37.70	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	119836	38.74	nq #	100
59) Diethylphthalate	11.67	149	541445	38.50	nq	97
60) 4-Chlorophenyl-phenylether	11.80	204	240728	38.98	nq	97
61) 4-Nitroaniline	11.82	138	143394	40.96	nq	94
62) Azobenzene	12.00	77	550322	39.72	nq	96
64) 4,6-Dinitro-2-methylphenol	11.86	198	50668	35.87	nq #	65
65) n-Nitrosodiphenylamine	11.95	169	489435	38.86	nq	99
66) 4-Bromophenyl-phenylether	12.41	248	150972	38.30	nq	95
67) Hexachlorobenzene	12.47	284	166649	36.99	nq	93
68) Atrazine	12.62	200	138054	37.69	nq	98
69) Pentachlorophenol	12.72	266	87404	37.16	nq	97
70) Phenanthrene	12.99	178	799655	37.79	nq	100
71) Anthracene	13.05	178	771005	37.14	nq	100
72) Carbazole	13.26	167	732460	37.02	nq	98
73) Di-n-butylphthalate	13.70	149	924809	38.98	nq	100
74) Fluoranthene	14.47	202	824110	37.38	nq	100
76) Benzidine	14.65	184	505377	47.61	nq	98
77) Pyrene	14.75	202	860444	37.91	nq	99
79) Butylbenzylphthalate	15.60	149	385854	38.89	nq	93
80) Benzo(a)anthracene	16.31	228	821273	38.08	nq	99
81) 3,3'-Dichlorobenzidine	16.29	252	297695	38.75	nq	99
82) Chrysene	16.35	228	756877	36.49	nq	99
83) Bis(2-ethylhexyl)phthalate	16.37	149	606233	40.34	nq #	97
84) Di-n-octyl phthalate	17.25	149	996085m	37.64	nq	
85) Indeno(1,2,3-cd)pyrene	19.77	276	990905	37.49	nq #	100
87) Benzo(b)fluoranthene	17.74	252	893938m	41.41	nq	
88) Benzo(k)fluoranthene	17.77	252	717293	34.32	nq	99
89) Benzo(a)pyrene	18.17	252	762044	38.34	nq	99
90) Dibenzo(a,h)anthracene	19.81	278	800348	37.89	nq	97
91) Benzo(g,h,i)perylene	20.23	276	804305	37.99	nq	99

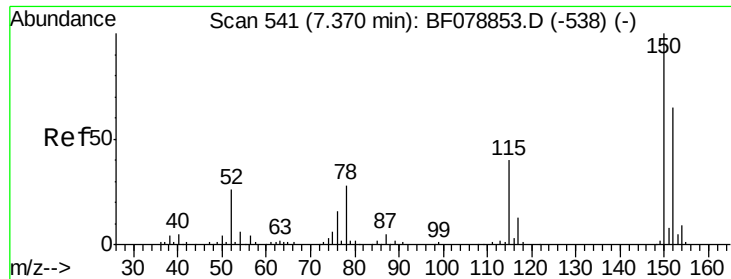
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

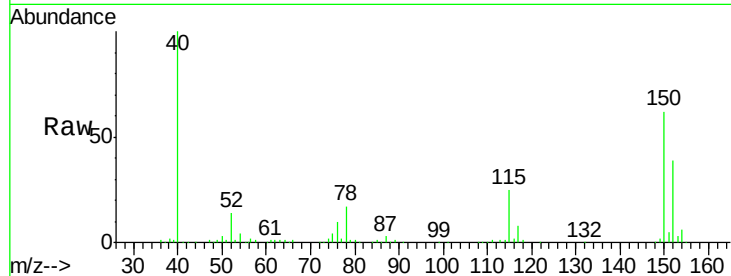
Tot Ion:152 Resp: 94810

Ion Ratio Lower Upper

152 100

150 157.1 122.0 183.0

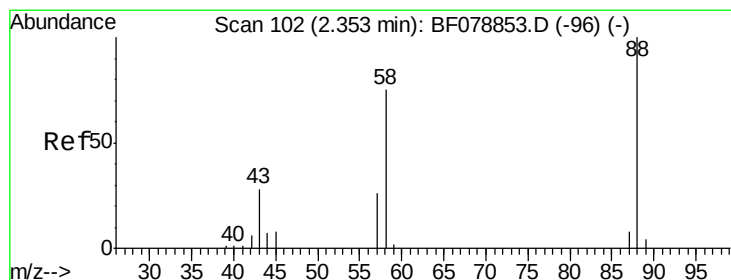
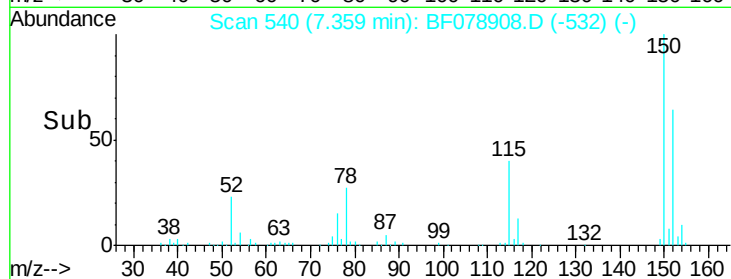
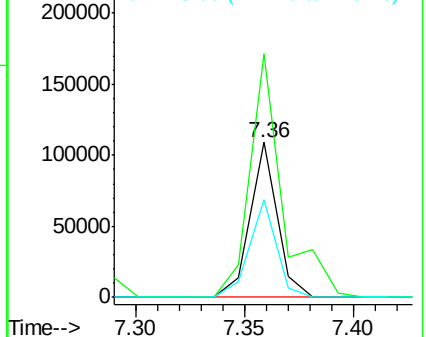
115 63.0 46.3 69.5



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: 38.80 ng

RT: 2.32 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

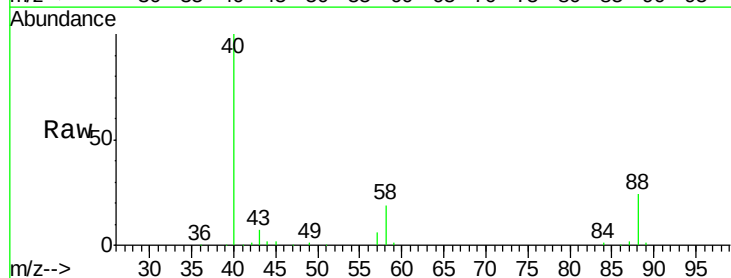
Tgt Ion: 88 Resp: 92926

Ion Ratio Lower Upper

88 100

58 77.1 0.0 0.0#

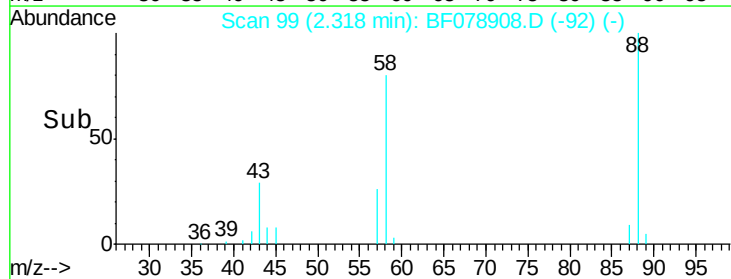
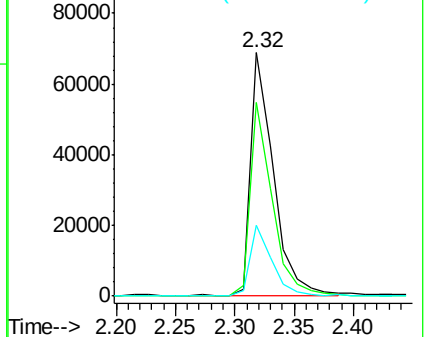
43 27.9 3.3 4.9#

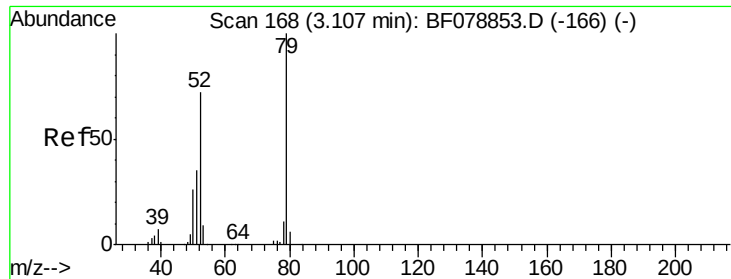


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.53 ng

RT: 3.07 min Scan# 165

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

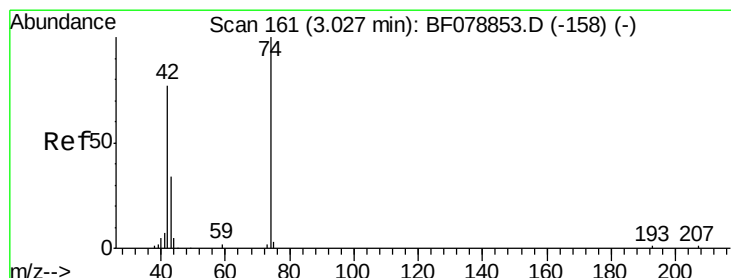
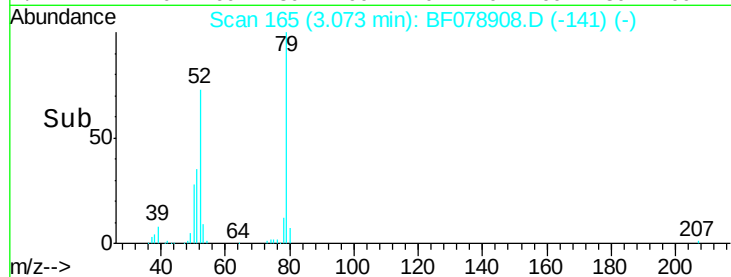
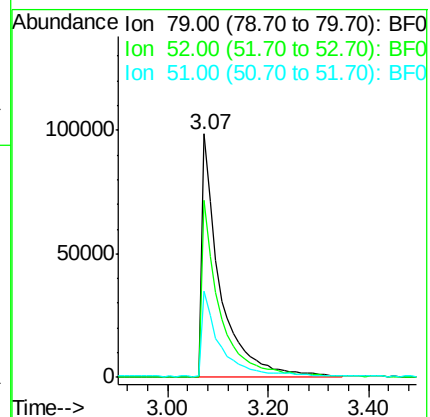
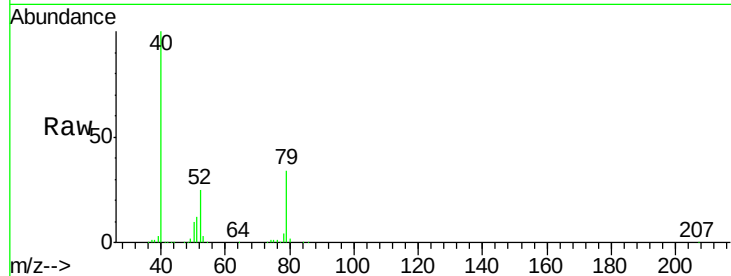
Tot Ion: 79 Resp: 248982

Ion Ratio Lower Upper

79 100

52 72.9 57.2 85.8

51 35.6 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 38.65 ng

RT: 2.99 min Scan# 158

Delta R.T. -0.03 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

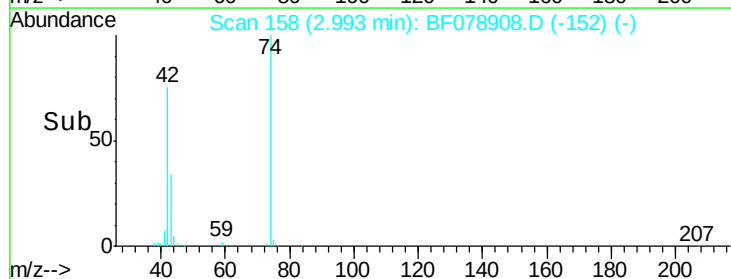
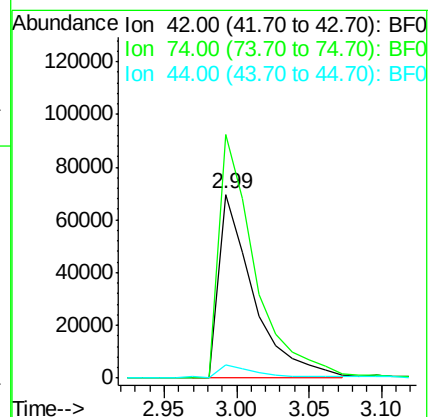
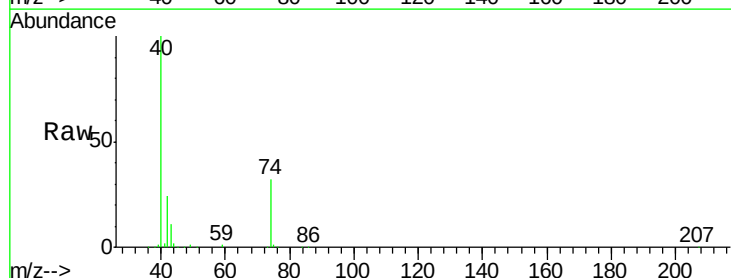
Tgt Ion: 42 Resp: 116071

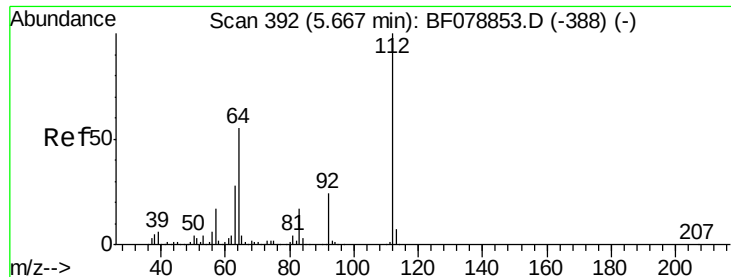
Ion Ratio Lower Upper

42 100

74 132.7 96.5 144.7

44 7.5 6.1 9.1





#5

2-Fluorophenol

Concen: 73.46 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

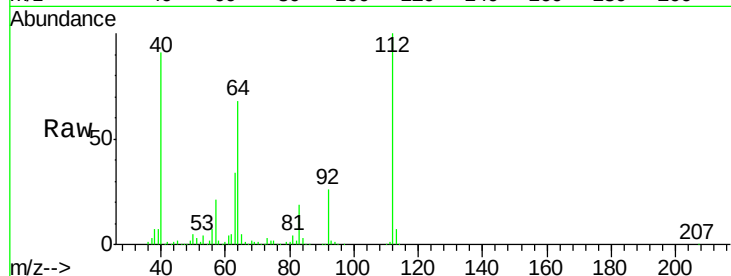
Tot Ion:112 Resp: 404590

Ion Ratio Lower Upper

112 100

64 67.5 53.5 80.3

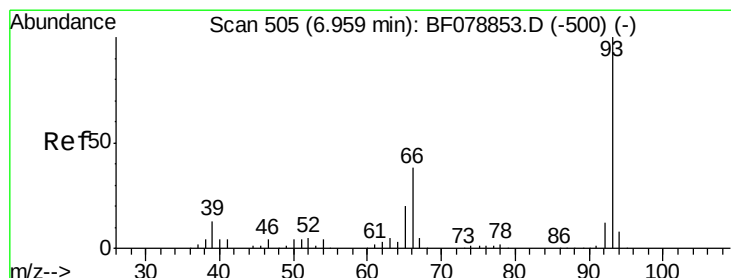
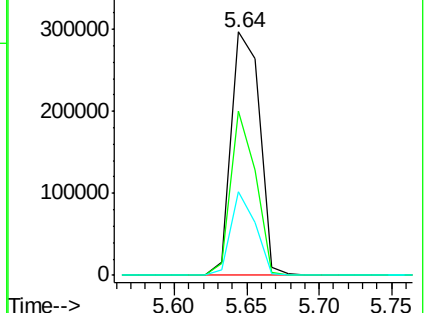
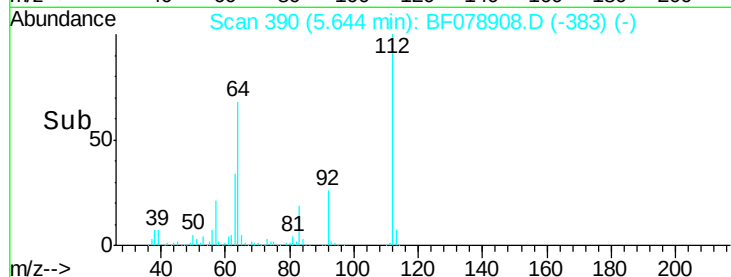
63 34.3 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.09 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

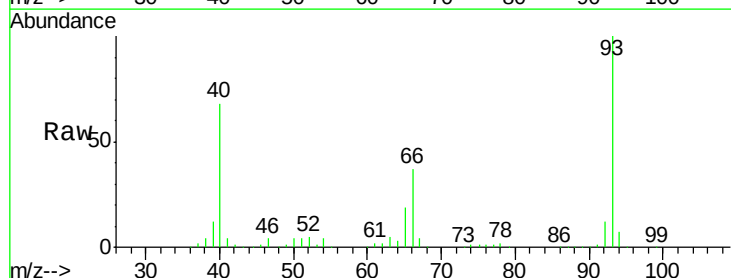
Tgt Ion: 93 Resp: 401739

Ion Ratio Lower Upper

93 100

66 37.2 29.7 44.5

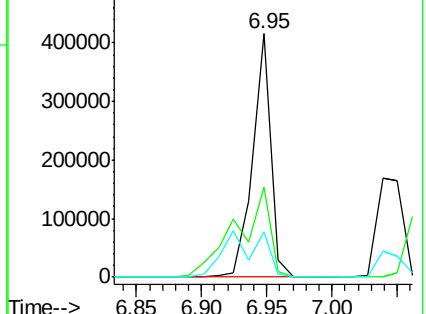
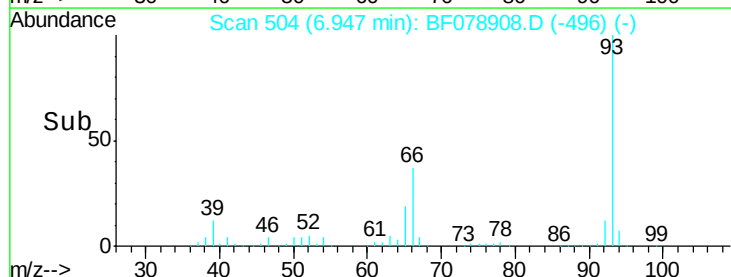
65 18.5 14.6 22.0

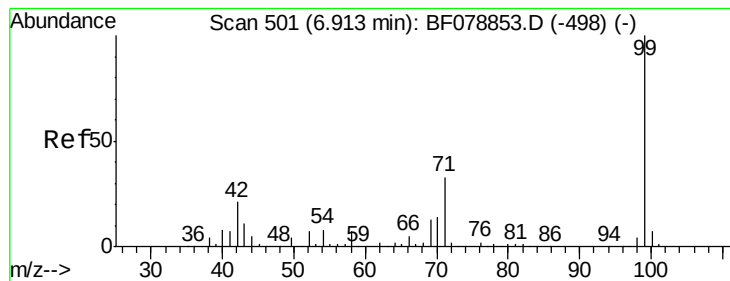


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.71 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078908.D

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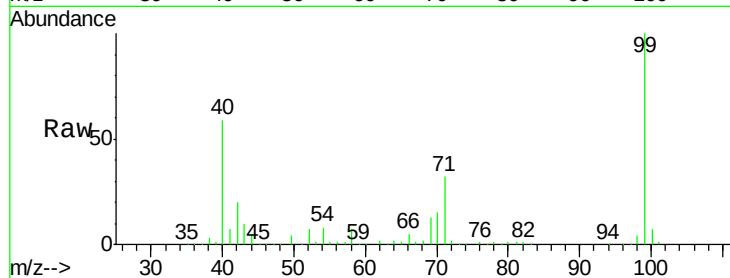
Tot Ion: 99 Resp: 536633

Ion Ratio Lower Upper

99 100

42 19.8 12.8 19.2#

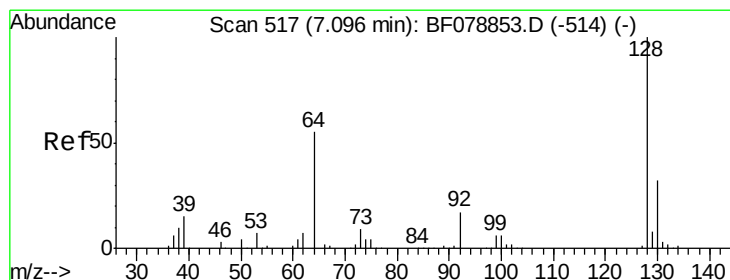
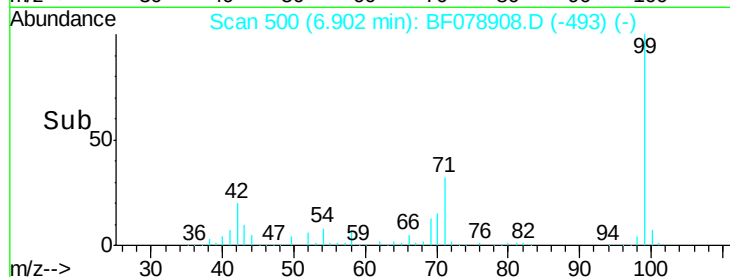
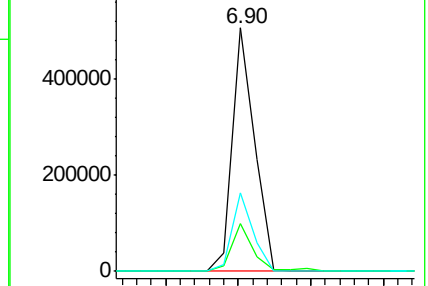
71 32.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#8

2-Chlorophenol

Concen: 38.11 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

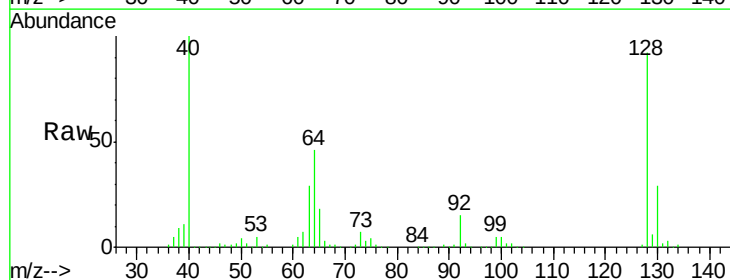
Tgt Ion: 128 Resp: 238102

Ion Ratio Lower Upper

128 100

130 31.8 12.1 52.1

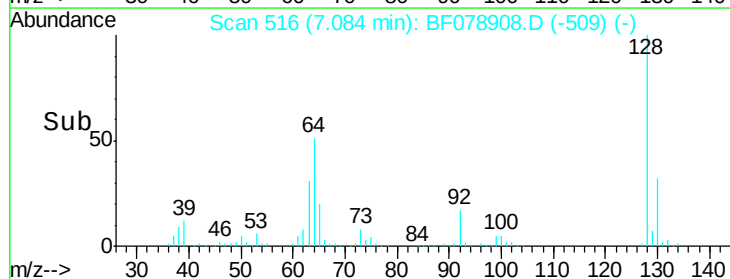
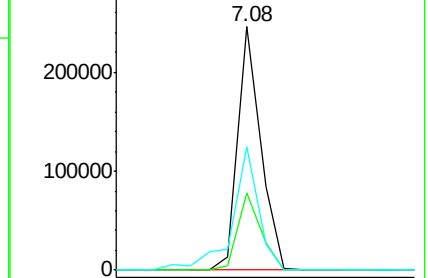
64 50.5 29.6 69.6

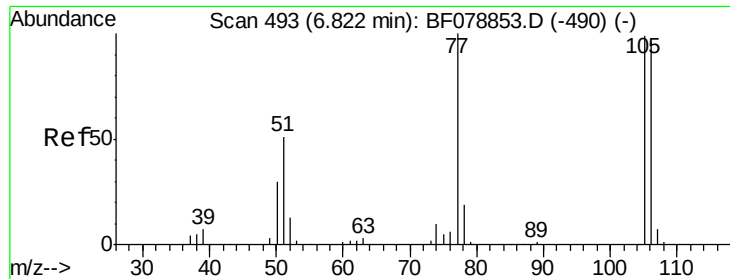


Abundance Ion 128.00 (127.70 to 128.70): BF078853.D (-514) (-)

Ion 130.00 (129.70 to 130.70): BF078853.D (-514) (-)

Ion 64.00 (63.70 to 64.70): BF078853.D (-514) (-)





#9

Benzaldehyde

Concen: 36.65 ng

RT: 6.81 min Scan# 492

Delta R.T. -0.01 min

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SSTDCCC040

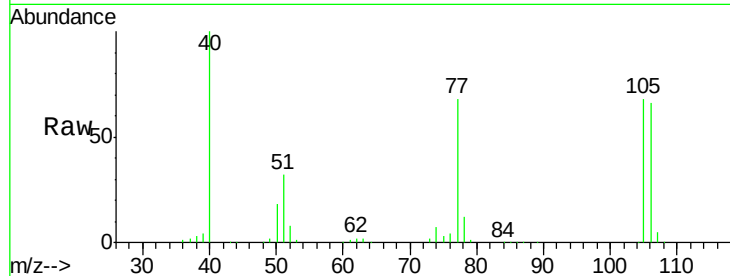
Tot Ion: 77 Resp: 179741

Ion Ratio Lower Upper

77 100

105 100.0 81.7 121.7

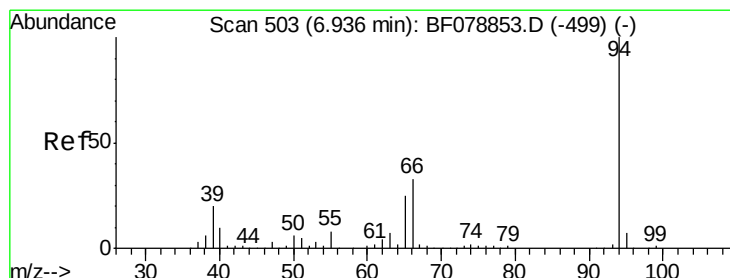
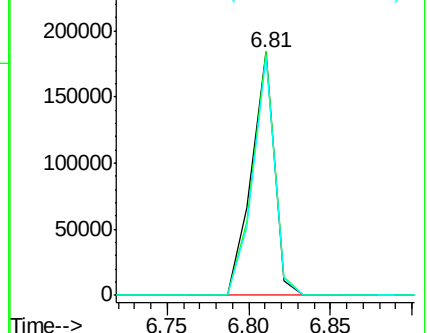
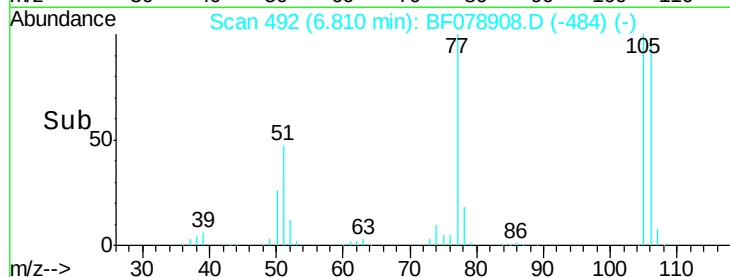
106 97.8 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.75 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

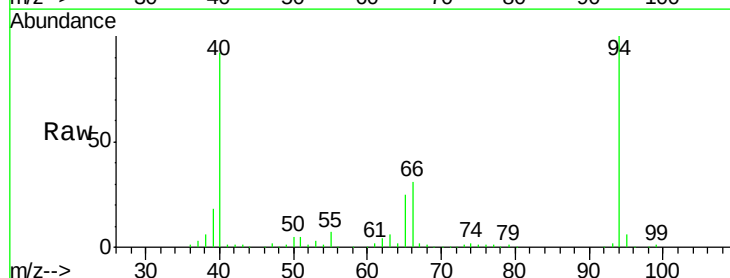
Tgt Ion: 94 Resp: 327283

Ion Ratio Lower Upper

94 100

65 24.8 8.5 48.5

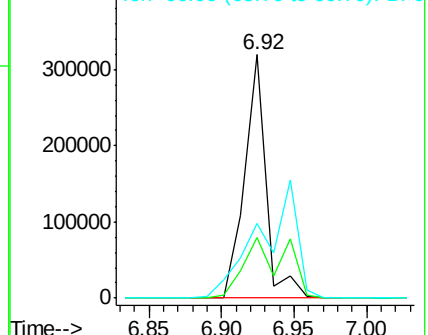
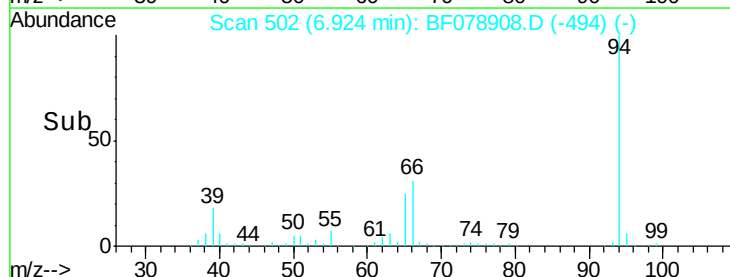
66 30.7 16.0 56.0

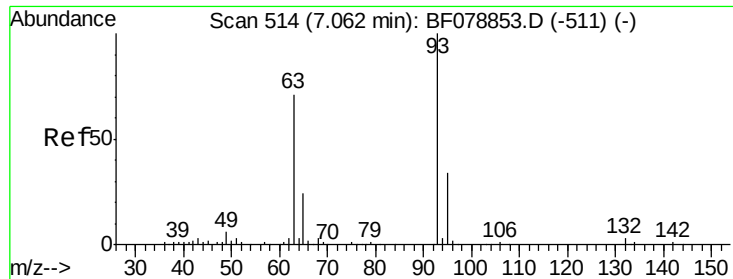


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

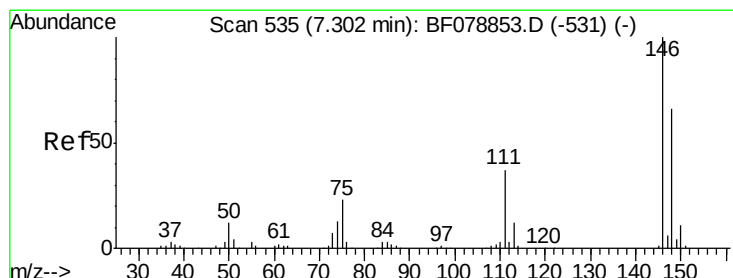
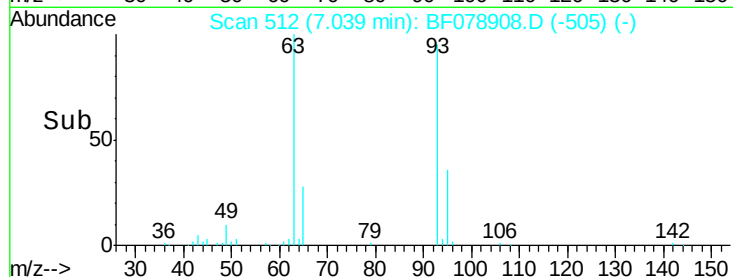
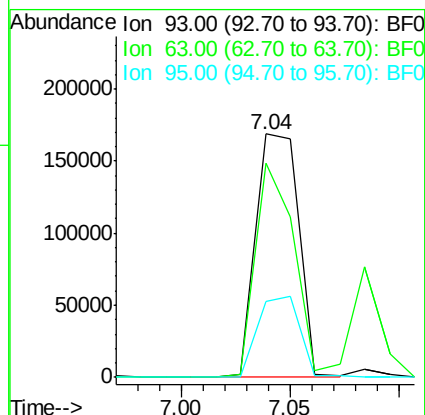
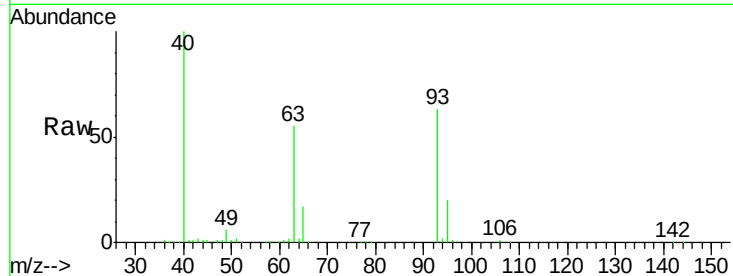




#11
bis(2-Chloroethyl)ether
Concen: 37.30 ng
RT: 7.04 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

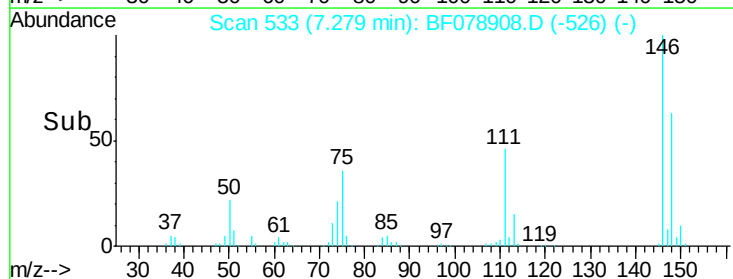
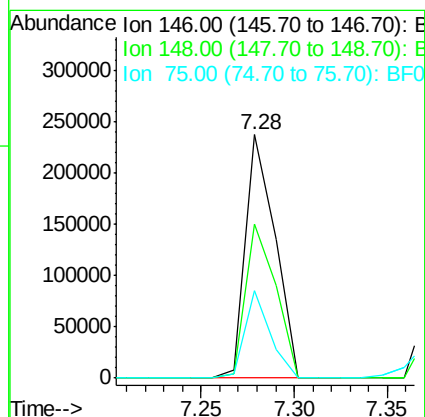
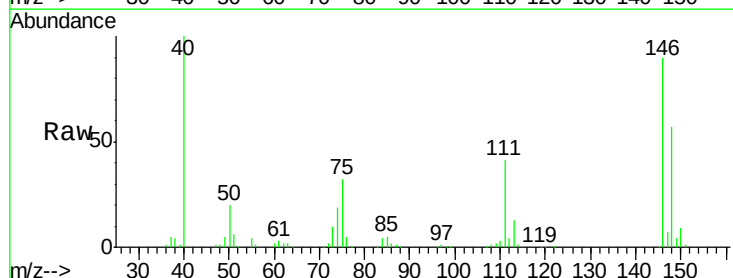
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

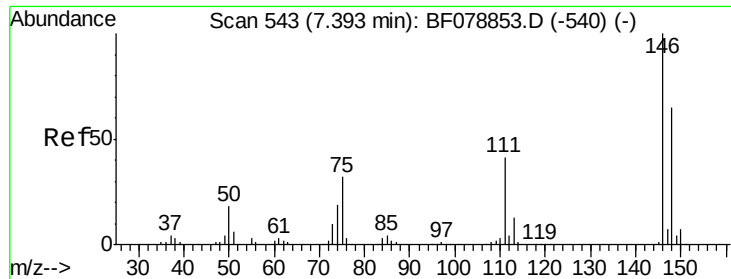
Tot Ion: 93 Resp: 230958
Ion Ratio Lower Upper
93 100
63 87.9 64.8 104.8
95 31.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 37.38 ng
RT: 7.28 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion: 146 Resp: 262461
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
75 36.2 29.2 43.8

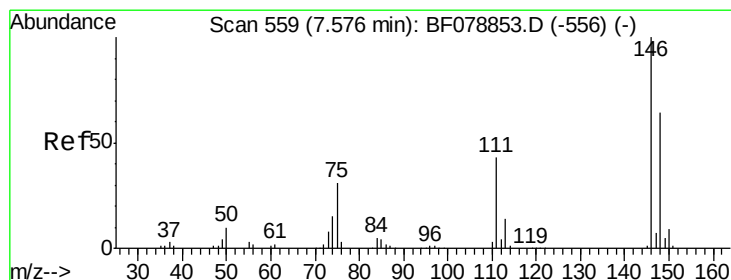
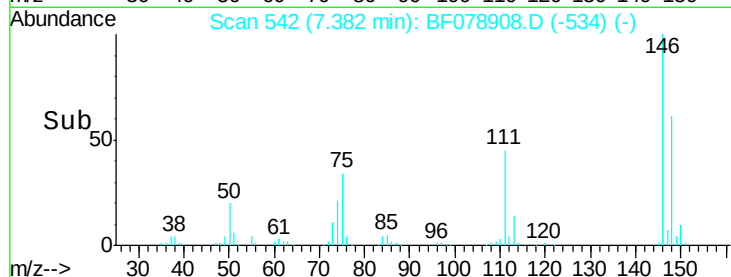
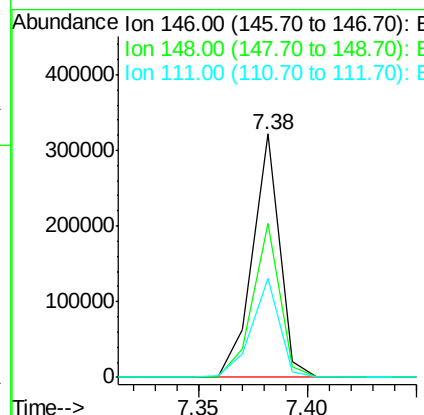
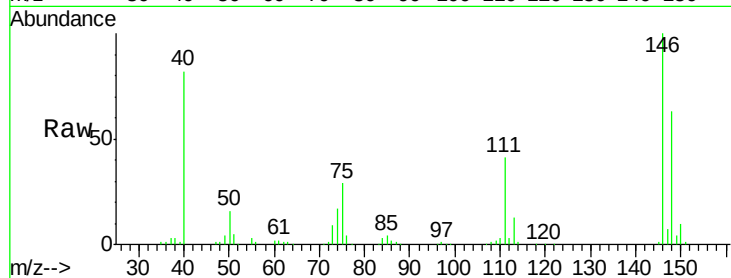




#13
 1,4-Dichlorobenzene
 Concen: 38.45 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

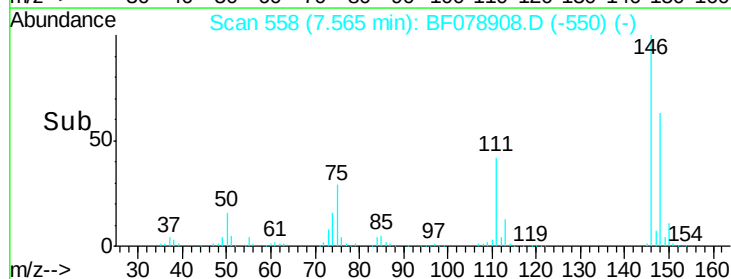
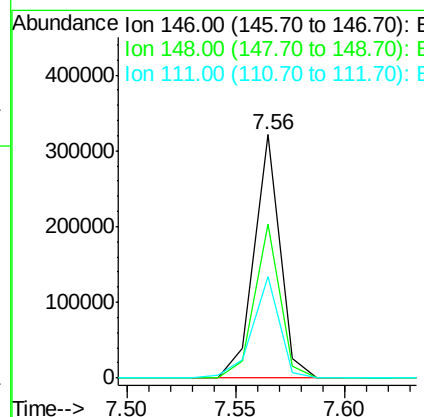
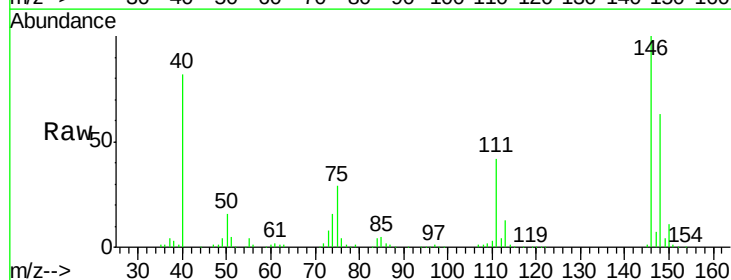
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

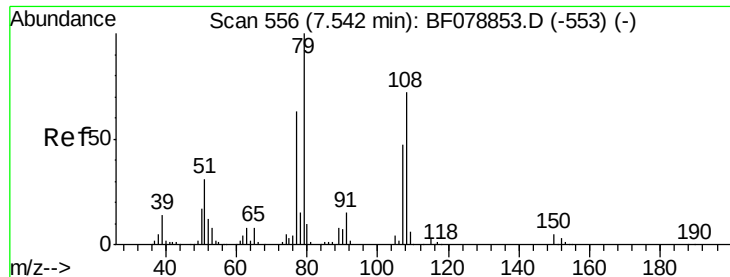
Tot Ion:146 Resp: 277828
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.8 79.2
 111 40.5 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 39.30 ng
 RT: 7.56 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

Tgt Ion:146 Resp: 264348
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.2 76.8
 111 41.6 33.3 49.9





#15

Benzyl Alcohol

Concen: 36.16 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

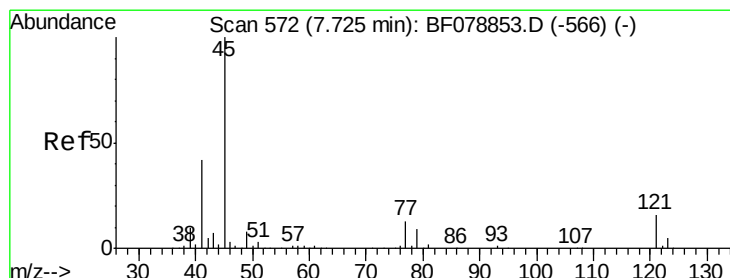
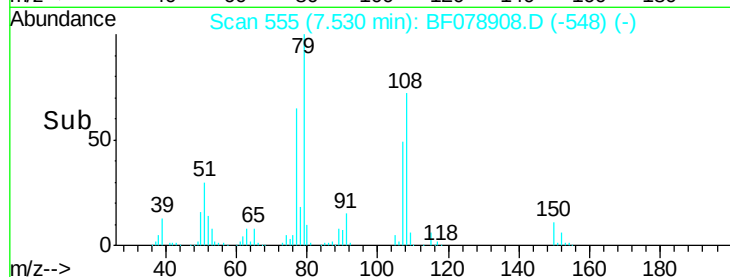
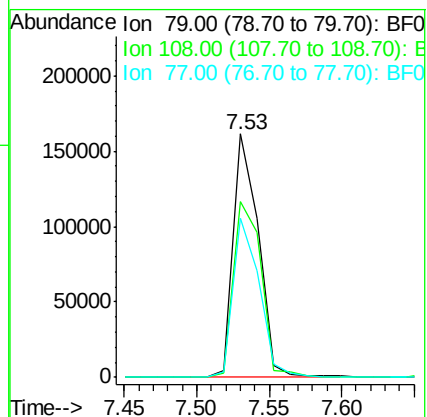
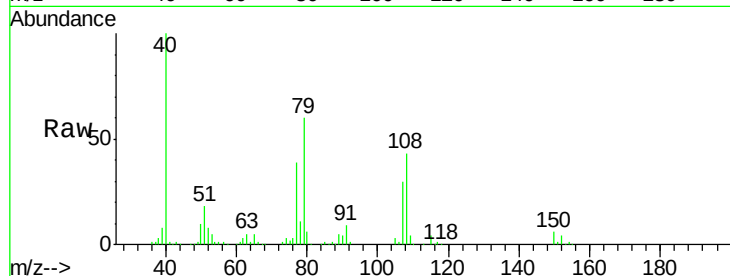
Tot Ion: 79 Resp: 195408

Ion Ratio Lower Upper

79 100

108 72.2 62.5 93.7

77 65.3 52.2 78.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.10 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

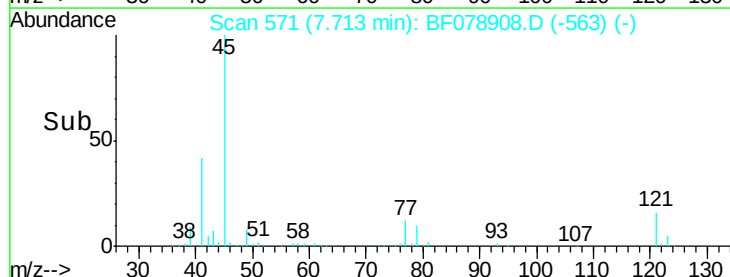
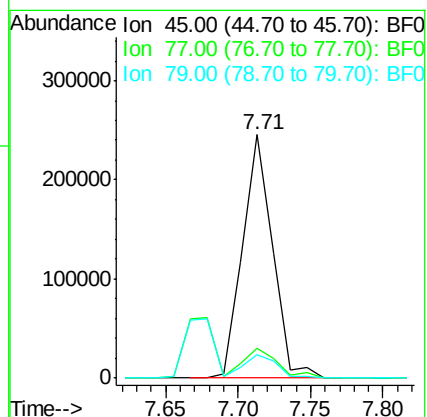
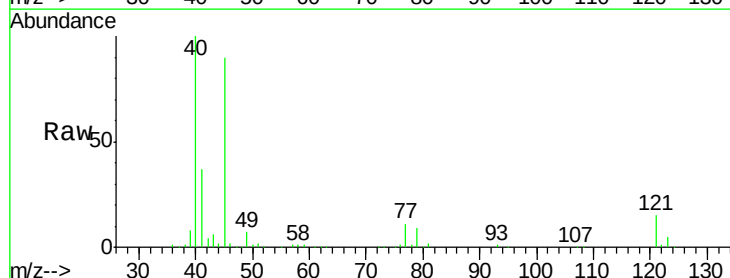
Tgt Ion: 45 Resp: 351385

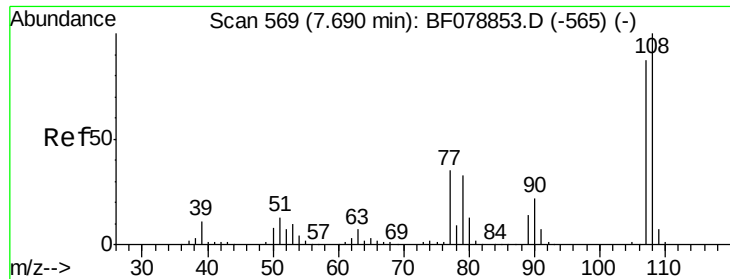
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.3

79 9.9 0.0 30.1

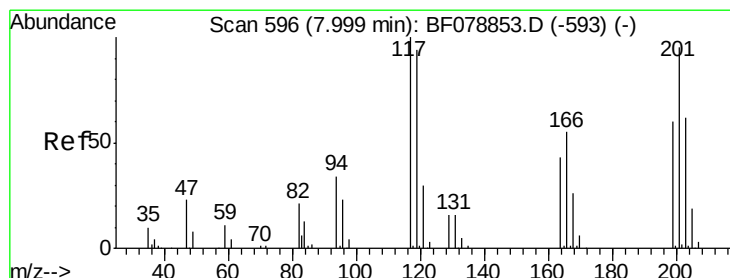
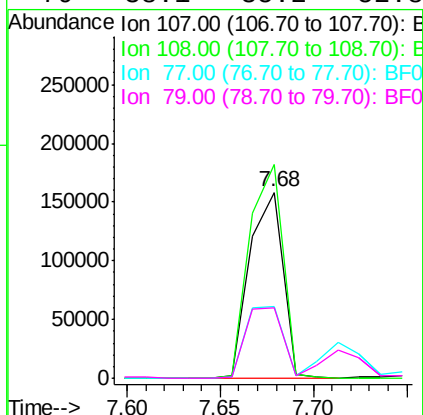
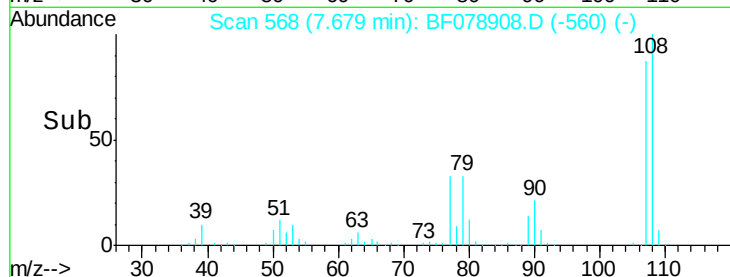
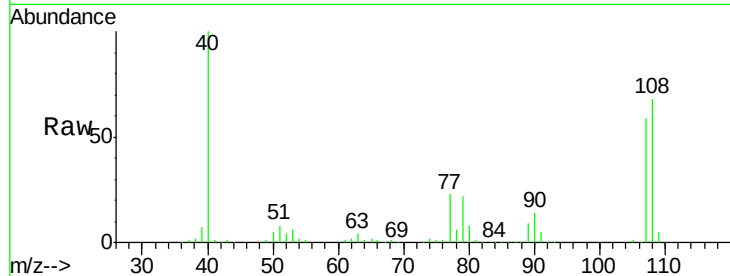




#17
2-Methylphenol
Concen: 38.86 ng
RT: 7.68 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

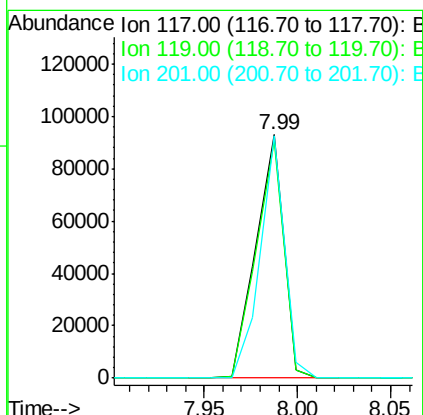
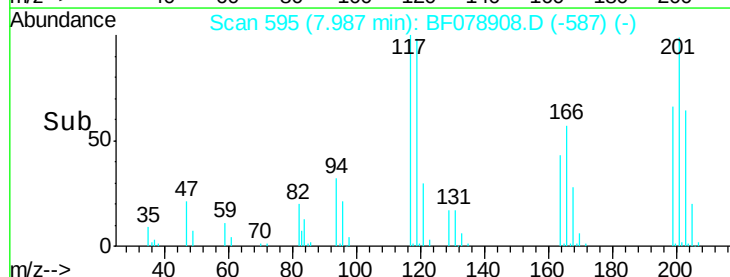
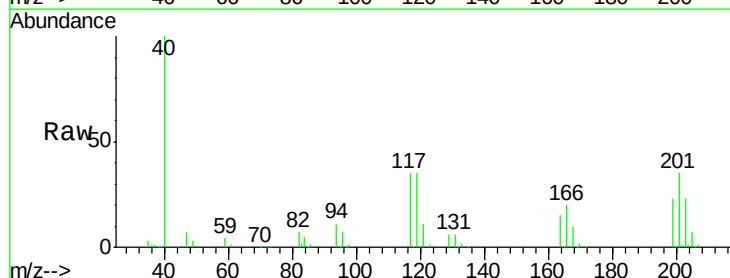
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

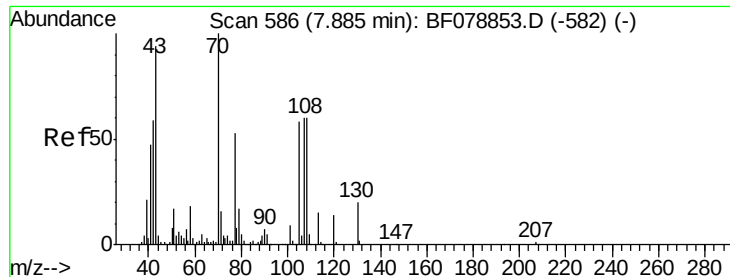
Tot Ion:	107	Resp:	195368
Ion	Ratio	Lower	Upper
107	100		
108	114.9	94.9	142.3
77	38.6	36.2	54.4
79	38.1	35.2	52.8



#18
Hexachloroethane
Concen: 38.39 ng
RT: 7.99 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion:	117	Resp:	95560
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.4	113.0
201	99.3	83.2	124.8

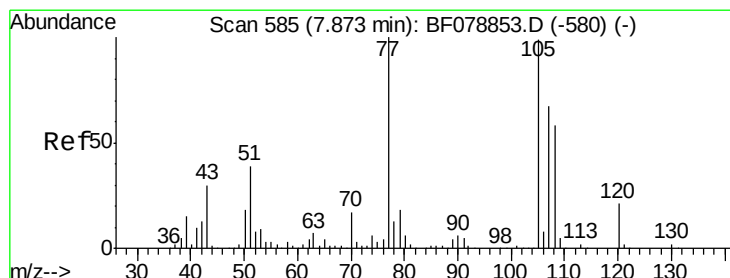
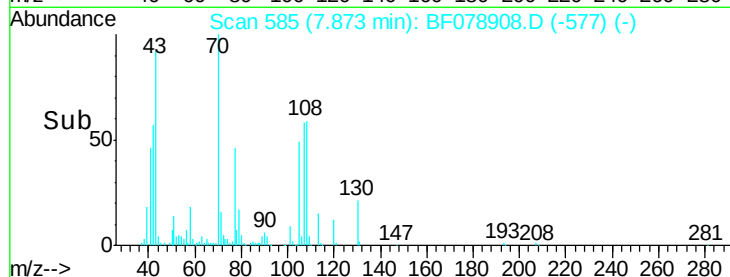
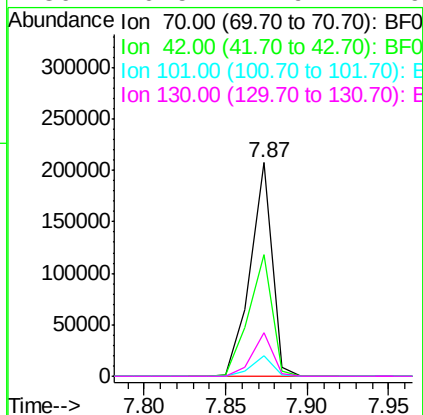
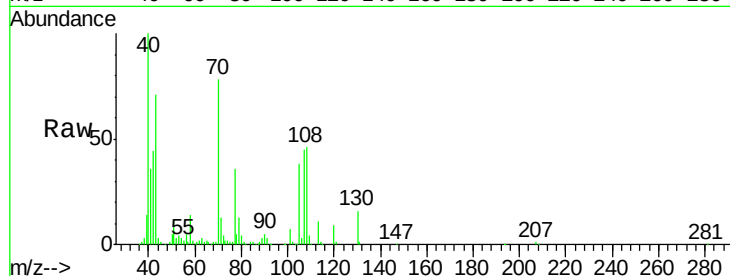




#19
n-Nitroso-di-n-propylamine
Concen: 39.42 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

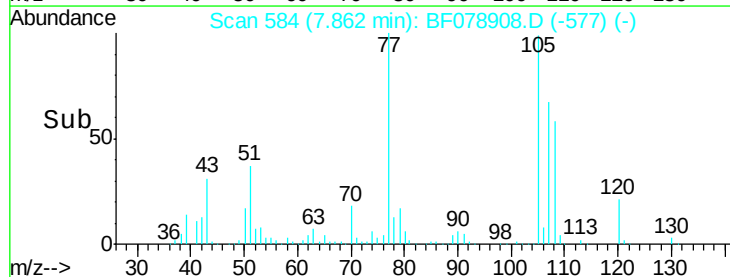
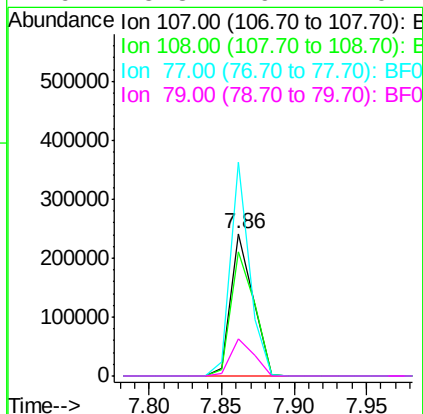
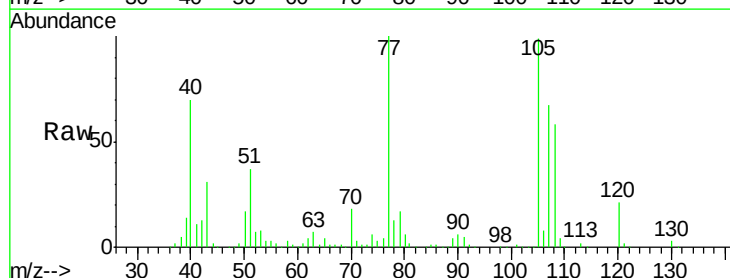
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

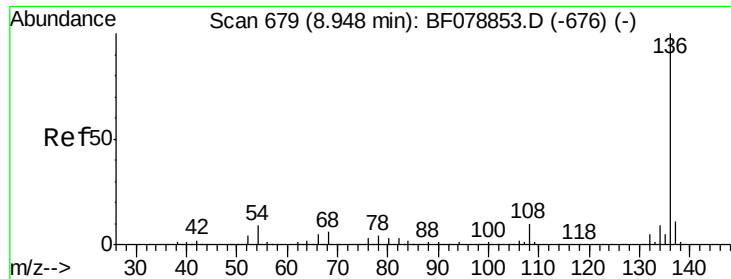
Tot Ion: 70 Resp: 193842
Ion Ratio Lower Upper
70 100
42 56.9 55.4 83.0
101 9.4 6.6 10.0
130 20.5 11.9 17.9#



#20
3+4-Methylphenols
Concen: 38.91 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion:107 Resp: 260658
Ion Ratio Lower Upper
107 100
108 87.1 76.9 116.9
77 150.0 136.8 176.8
79 25.8 9.7 49.7

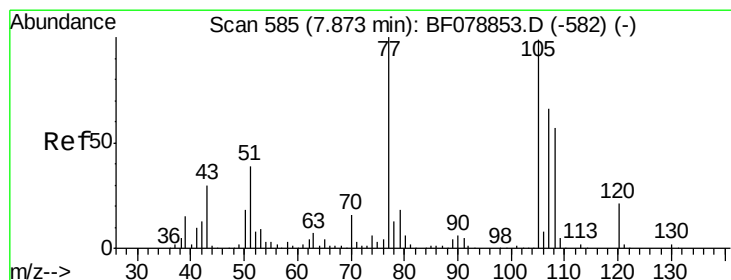
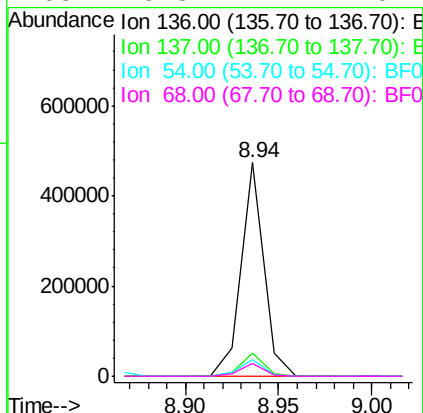
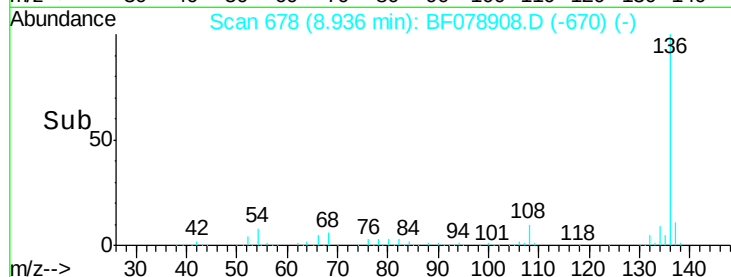
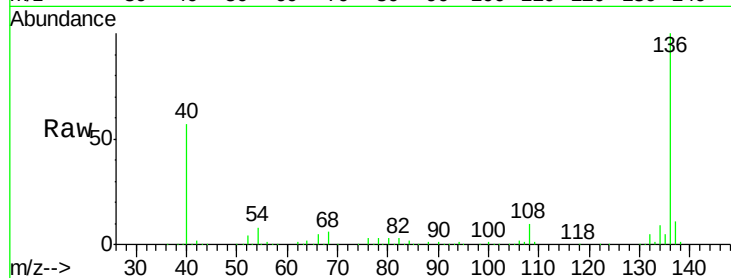




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

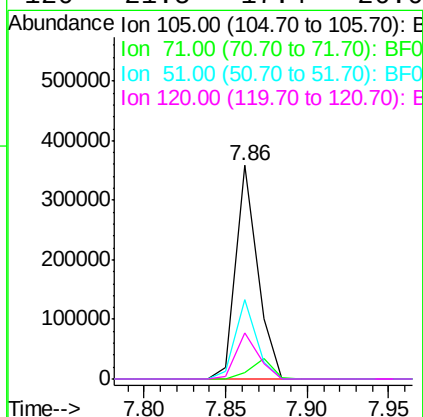
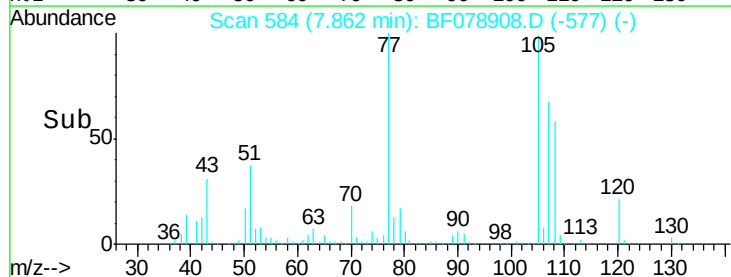
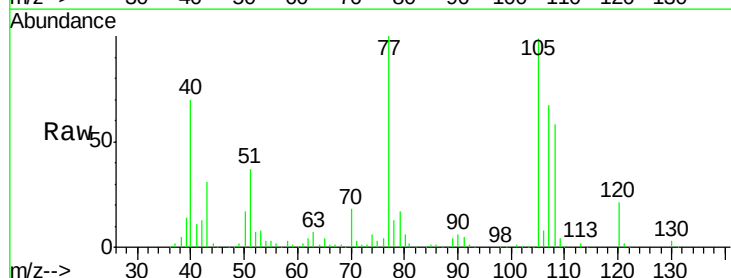
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

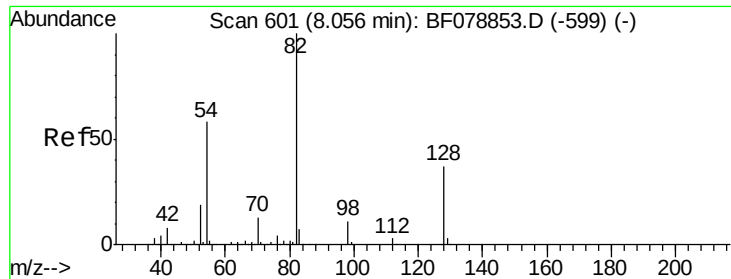
Tot Ion:136	Resp:	403690
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	7.9	5.8 8.8
68	5.8	4.2 6.4



#22
Acetophenone
Concen: 36.23 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion:105	Resp:	330395
Ion Ratio	Lower	Upper
105	100	
71	3.2	4.6 6.8#
51	37.4	26.7 40.1
120	21.5	17.4 26.0

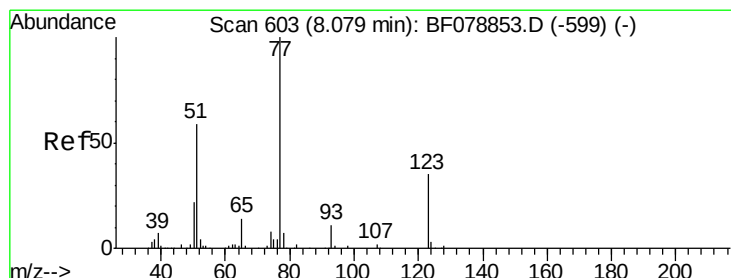
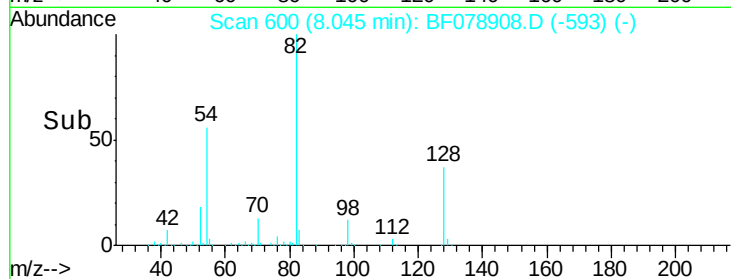
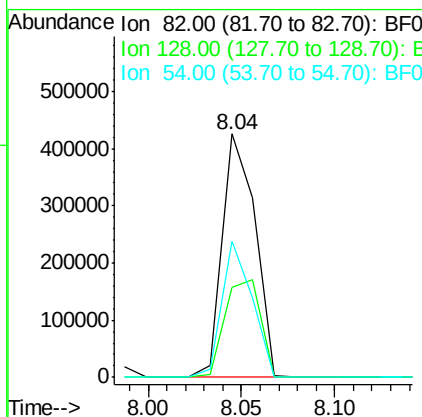
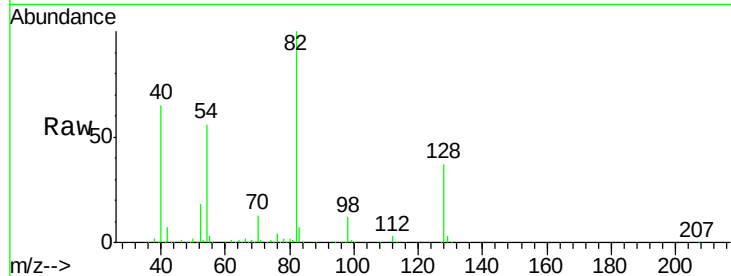




#23
 Nitrobenzene-d5
 Concen: 74.50 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

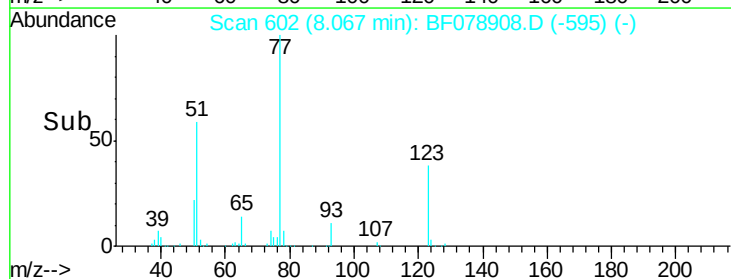
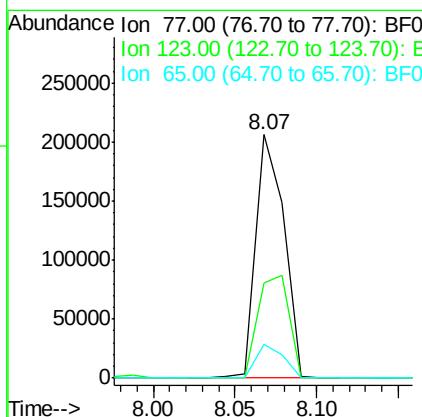
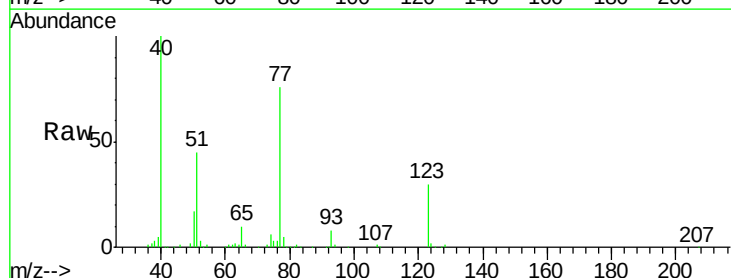
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

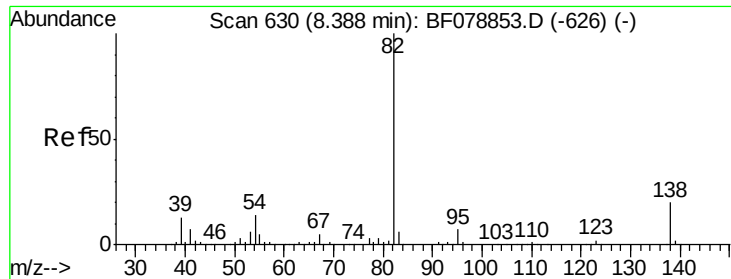
Tot Ion: 82 Resp: 523303
 Ion Ratio Lower Upper
 82 100
 128 36.9 30.0 45.0
 54 55.8 46.4 69.6



#24
 Nitrobenzene
 Concen: 35.55 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

Tgt Ion: 77 Resp: 247509
 Ion Ratio Lower Upper
 77 100
 123 39.1 31.8 47.8
 65 13.7 10.6 15.8





#25

Isophorone

Concen: 38.01 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

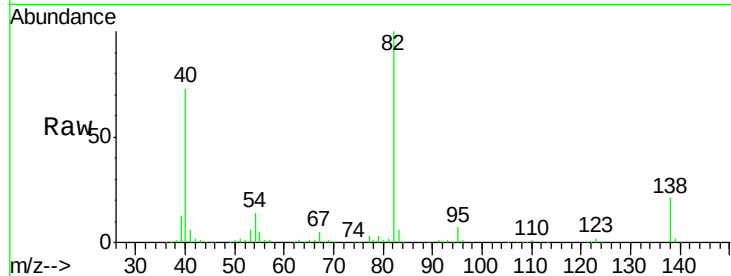
Tot Ion: 82 Resp: 494978

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

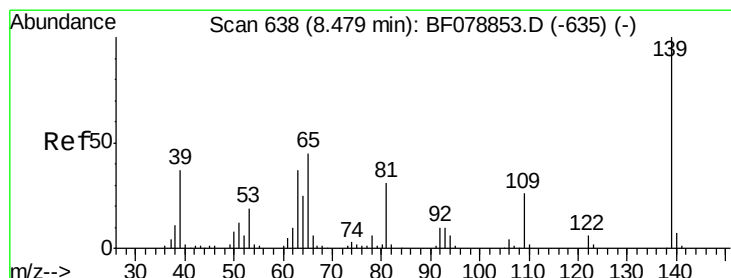
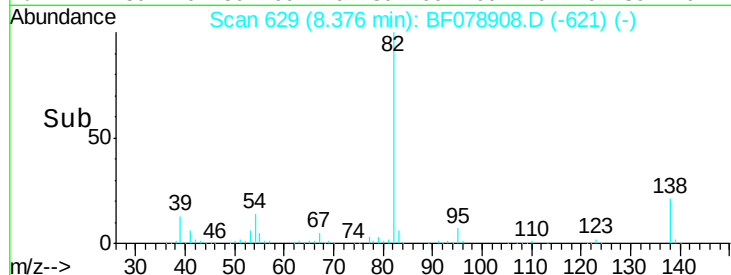
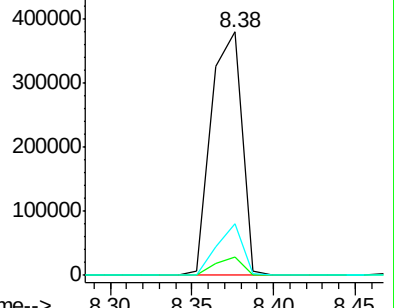
138 21.2 12.0 18.0#



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-626) (-)

Ion 95.00 (94.70 to 95.70): BF078853.D (-626) (-)

Ion 138.00 (137.70 to 138.70): BF078853.D (-626) (-)



#26

2-Nitrophenol

Concen: 35.82 ng

RT: 8.47 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

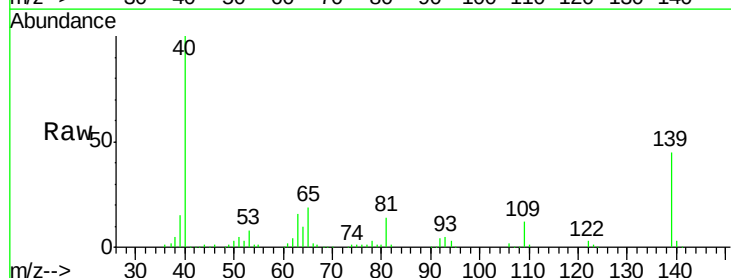
Tgt Ion: 139 Resp: 103217

Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.4

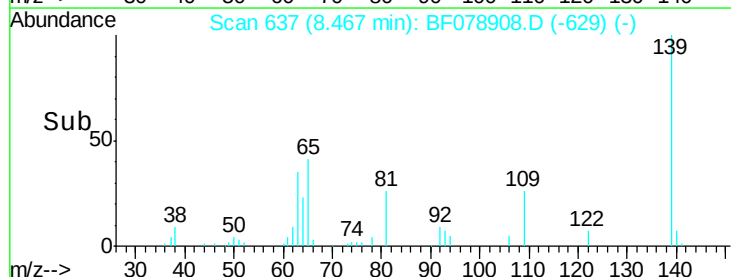
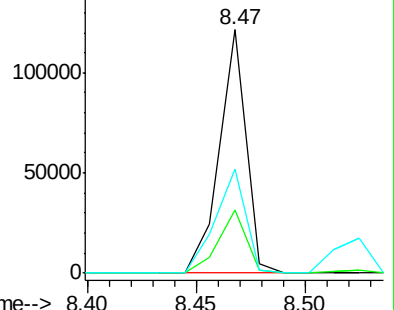
65 42.8 30.5 45.7

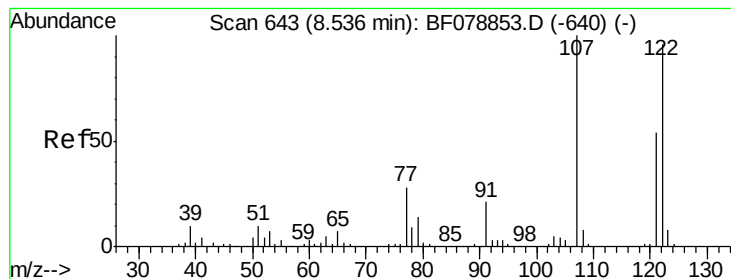


Abundance Ion 139.00 (138.70 to 139.70): BF078853.D (-635) (-)

Ion 109.00 (108.70 to 109.70): BF078853.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BF078853.D (-635) (-)





#27

2,4-Dimethylphenol

Concen: 38.01 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

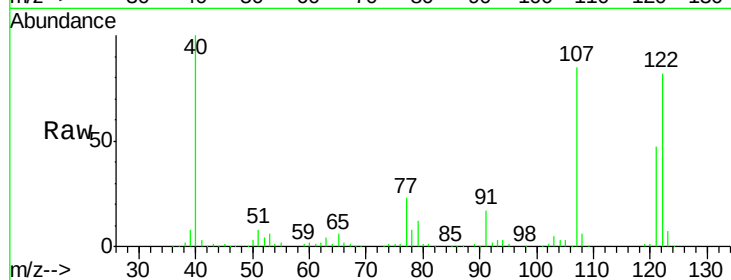
Tot Ion:122 Resp: 219173

Ion Ratio Lower Upper

122 100

107 104.2 90.6 135.8

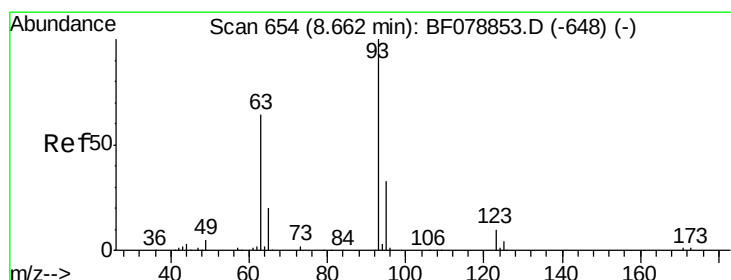
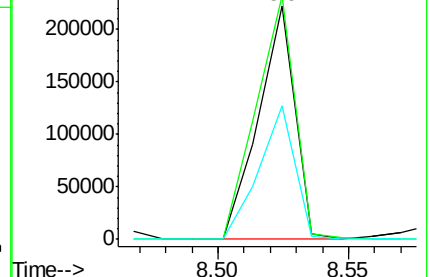
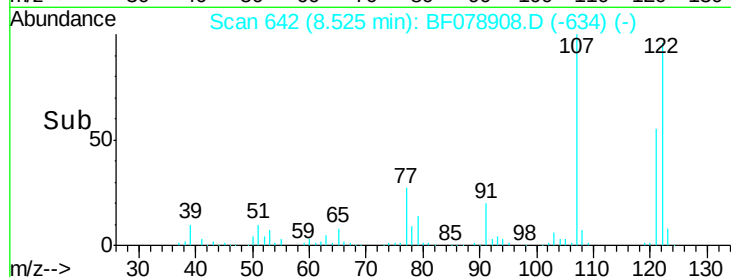
121 56.9 45.4 68.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.38 ng

RT: 8.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

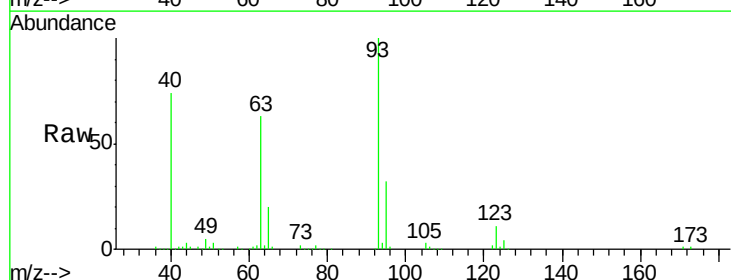
Tgt Ion: 93 Resp: 316104

Ion Ratio Lower Upper

93 100

95 32.4 26.7 40.1

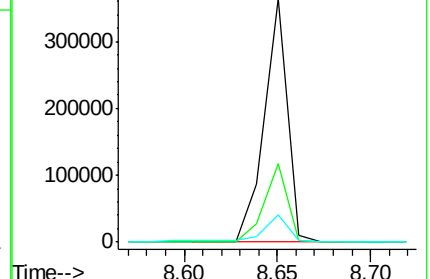
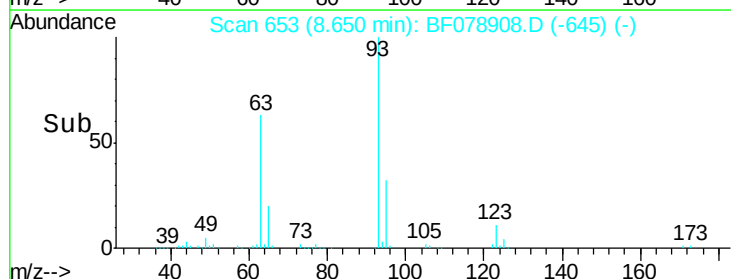
123 11.3 9.1 13.7

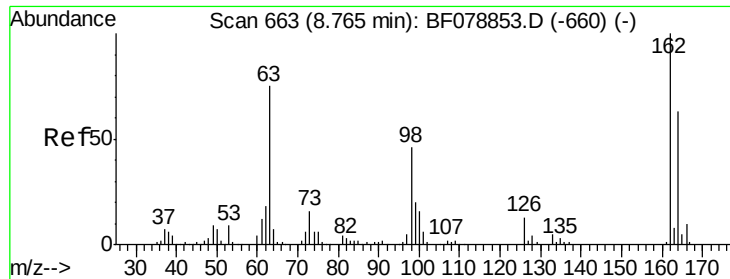


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

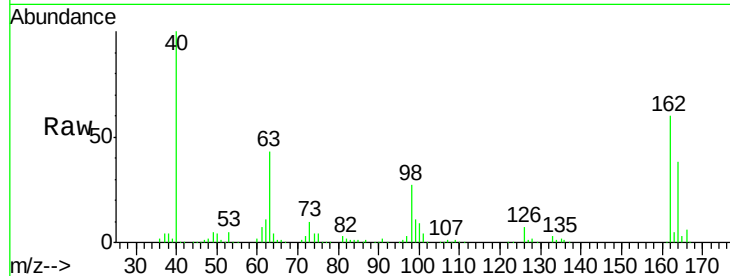




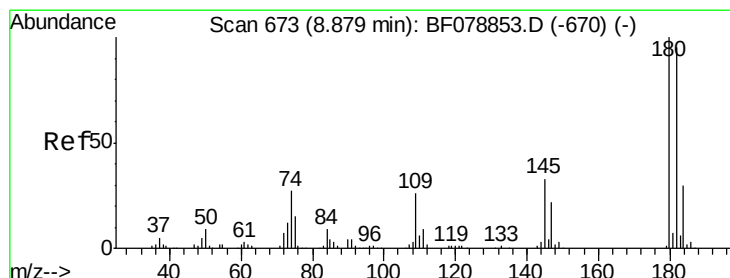
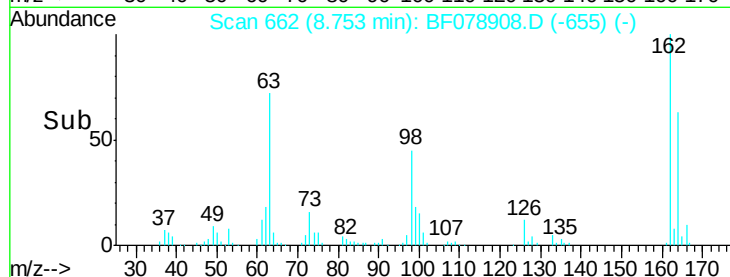
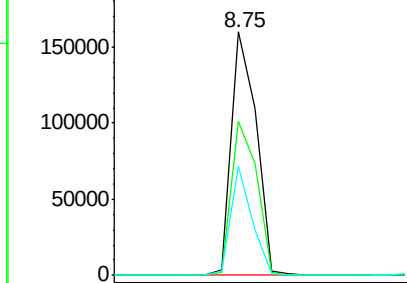
#29
2,4-Dichlorophenol
Concen: 37.26 ng
RT: 8.75 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.6	83.6
98	44.9	16.5	56.5

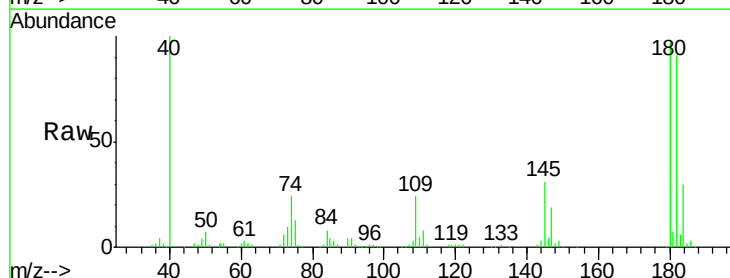


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

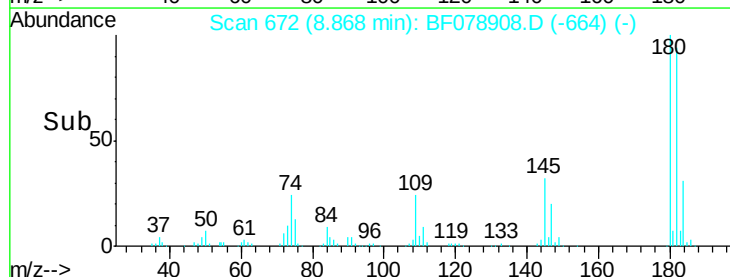
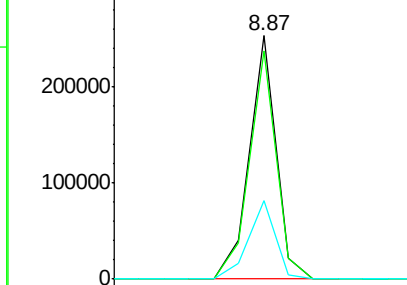


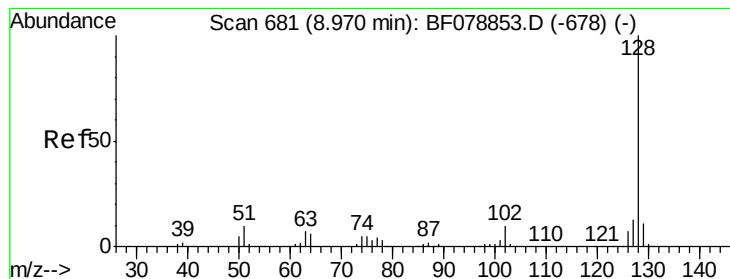
#30
1,2,4-Trichlorobenzene
Concen: 38.29 ng
RT: 8.87 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.9	118.3
145	32.1	24.2	36.4



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: 37.28 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

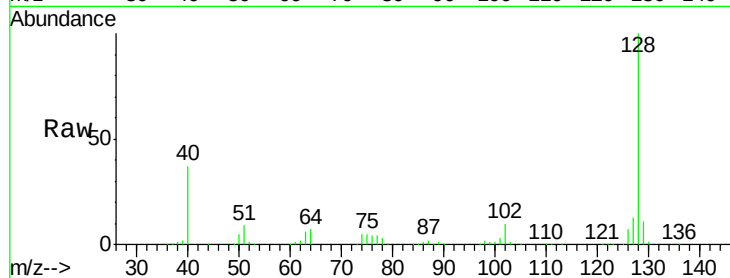
Tot Ion:128 Resp: 717102

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

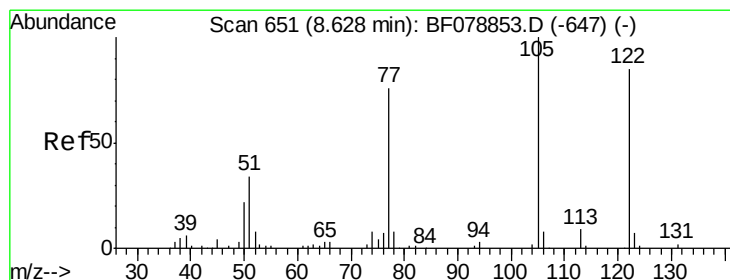
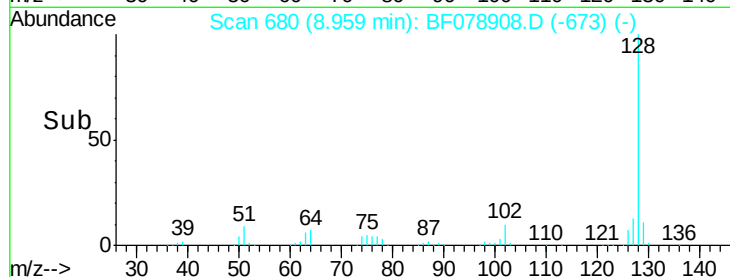
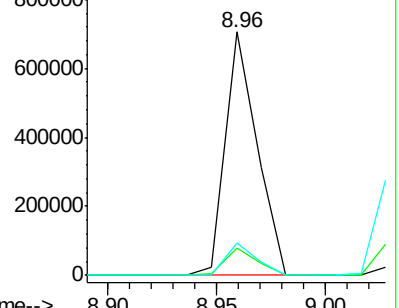
127 13.4 10.7 16.1



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: 32.14 ng m

RT: 8.62 min Scan# 650

Delta R.T. -0.04 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

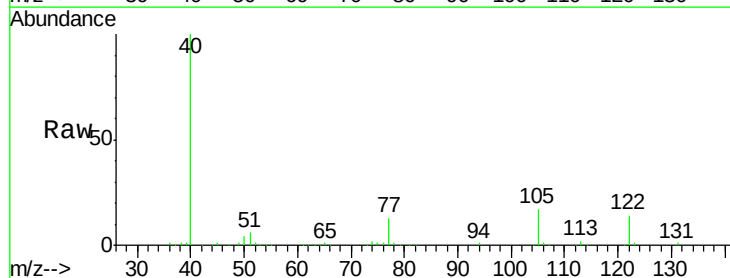
Tgt Ion:122 Resp: 107414

Ion Ratio Lower Upper

122 100

105 124.9 107.1 147.1

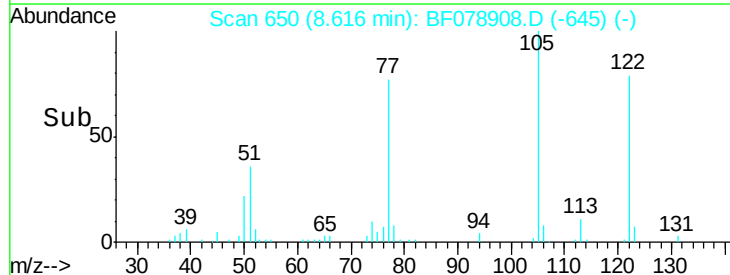
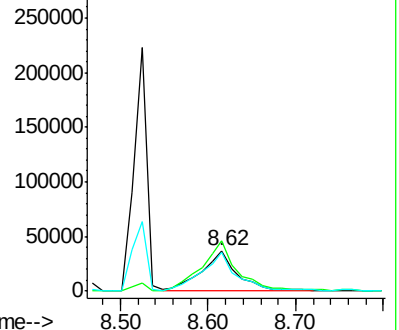
77 97.2 73.9 113.9

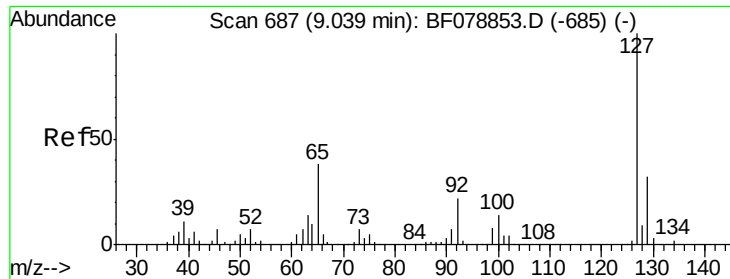


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

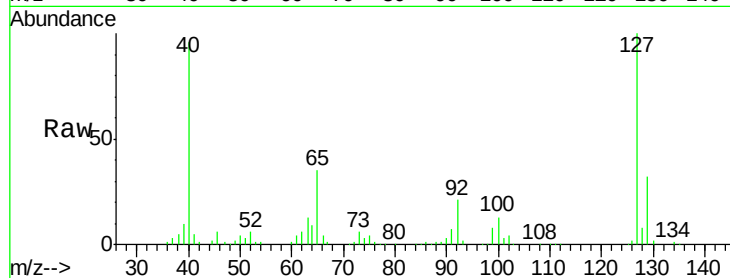




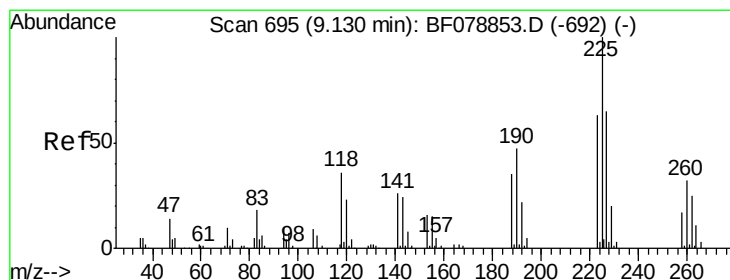
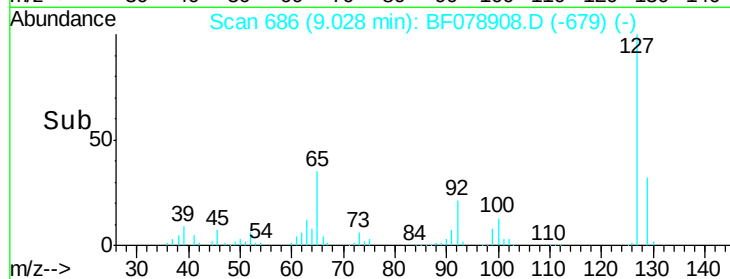
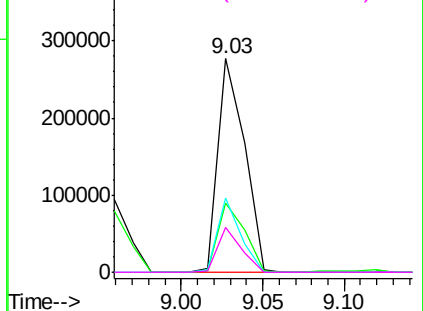
#33
4-Chloroaniline
Concen: 38.37 ng
RT: 9.03 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	312265
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	35.1	25.8	38.6
92	21.0	15.5	23.3

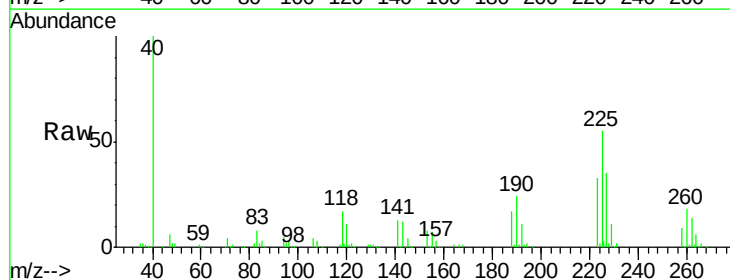


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

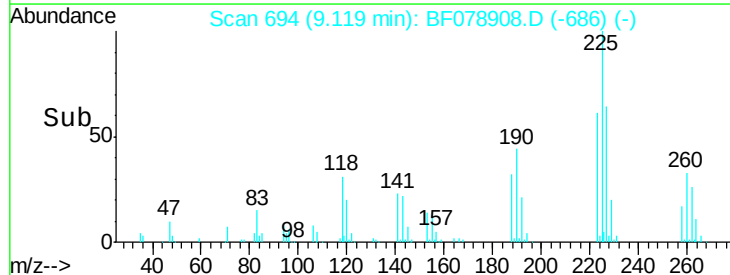
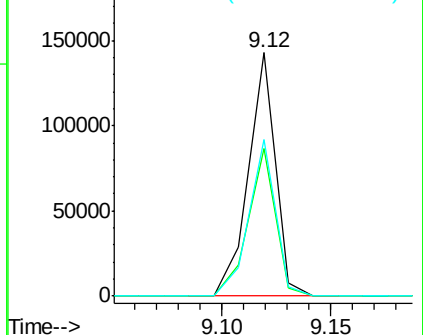


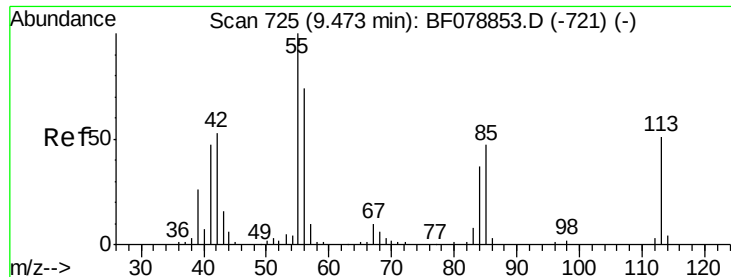
#34
Hexachlorobutadiene
Concen: 37.90 ng
RT: 9.12 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion:	225	Resp:	122947
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.2	72.4
227	64.4	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

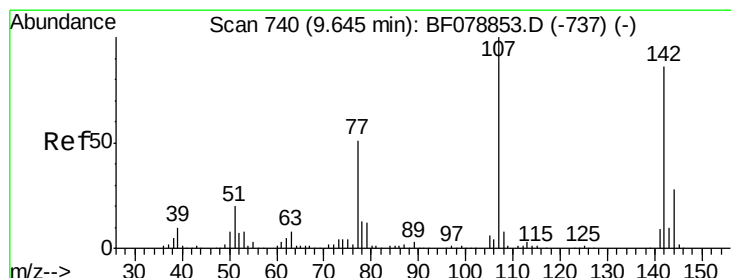
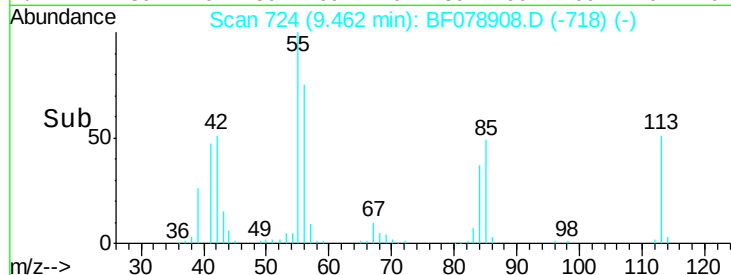
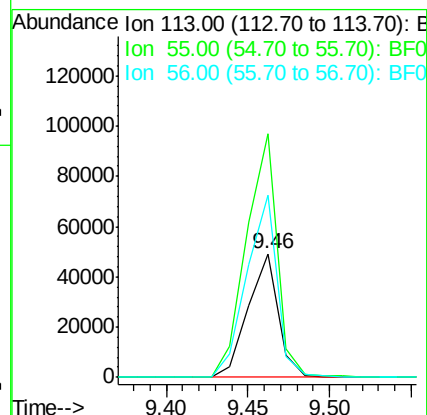
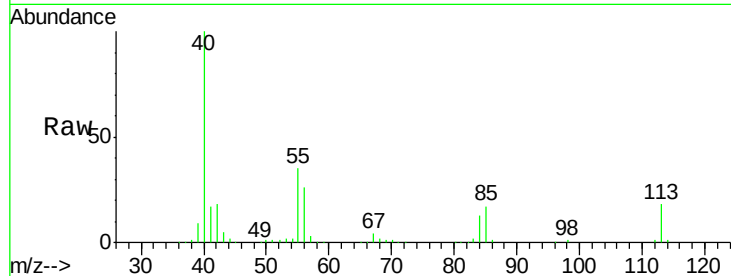




#35
Caprolactam
Concen: 37.95 ng
RT: 9.46 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

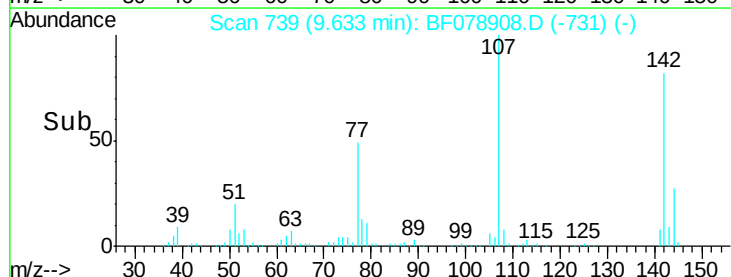
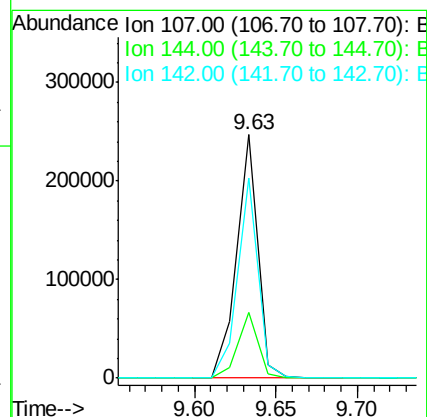
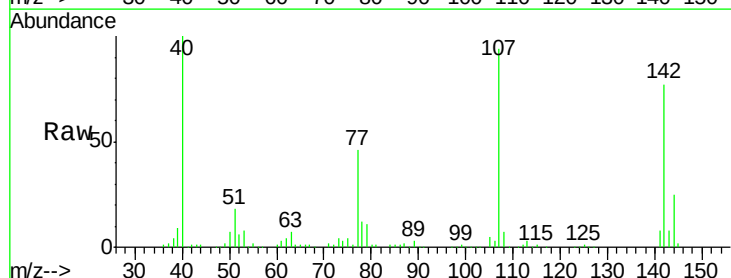
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

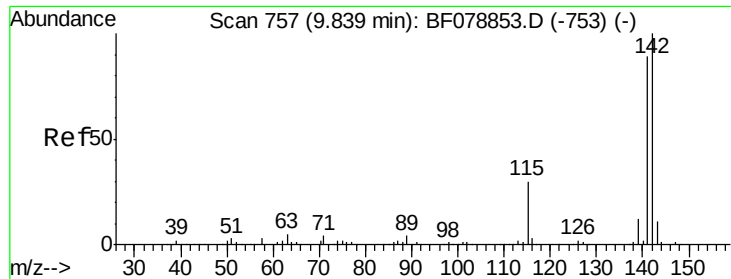
Tot Ion:113 Resp: 62924
Ion Ratio Lower Upper
113 100
55 197.5 169.7 209.7
56 147.7 122.5 162.5



#36
4-Chloro-3-methylphenol
Concen: 40.96 ng
RT: 9.63 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion:107 Resp: 220595
Ion Ratio Lower Upper
107 100
144 27.2 19.8 29.6
142 82.0 60.6 91.0

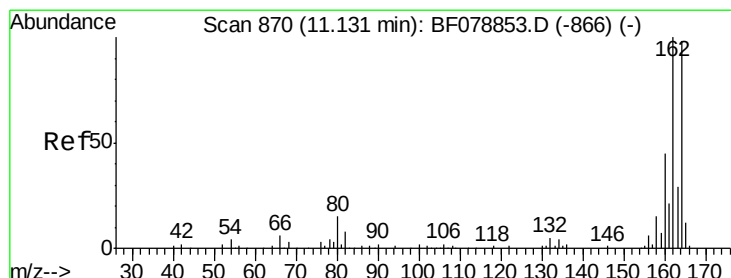
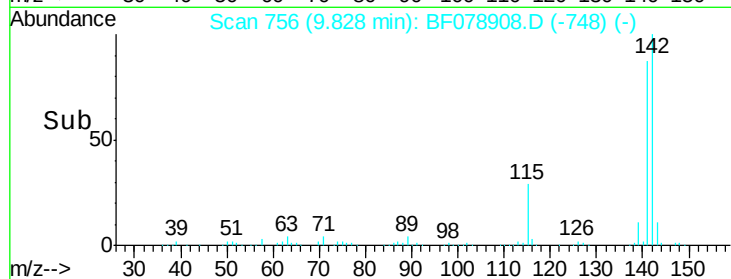
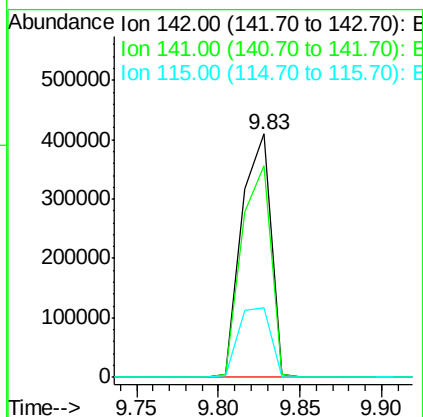
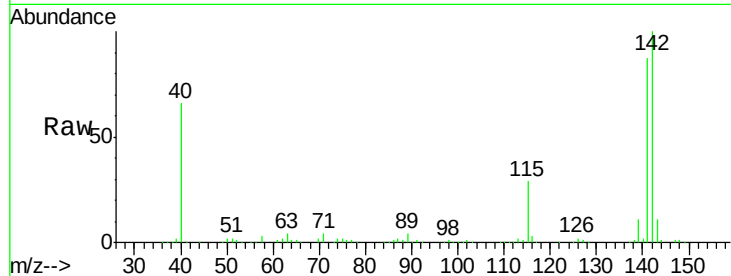




#37
 2-Methylnaphthalene
 Concen: 38.00 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

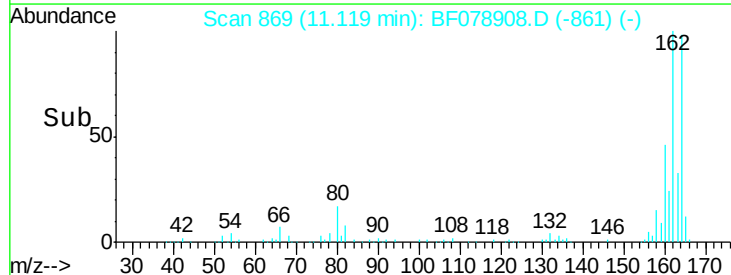
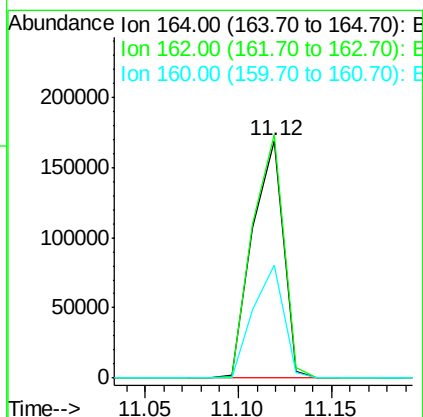
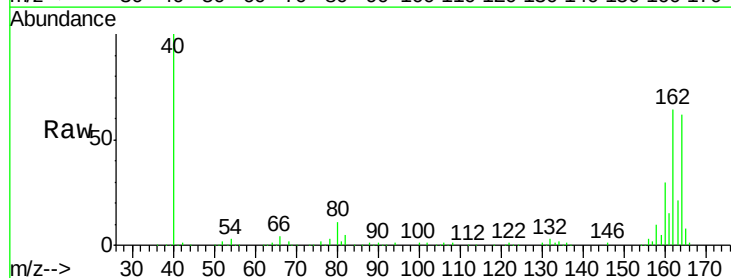
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

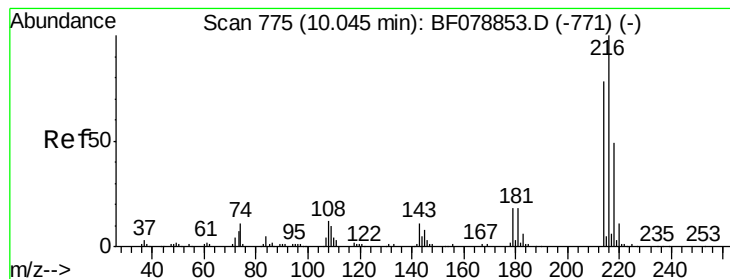
Tot Ion:142 Resp: 506465
 Ion Ratio Lower Upper
 142 100
 141 87.2 70.9 106.3
 115 28.8 28.5 42.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

Tgt Ion:164 Resp: 193398
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.7 124.1
 160 47.5 35.8 53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.16 ng

RT: 10.03 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 202385

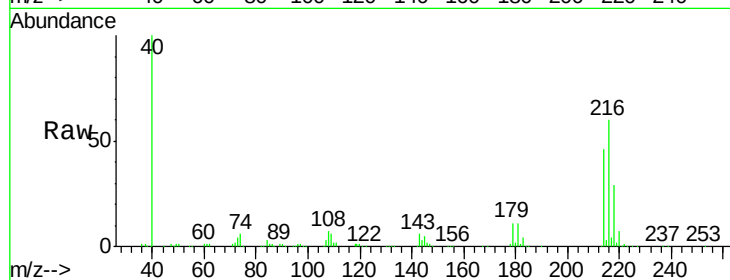
Ion Ratio Lower Upper

216 100

214 79.5 0.0 0.0#

179 22.0 0.0 0.0#

108 22.1 0.0 0.0#

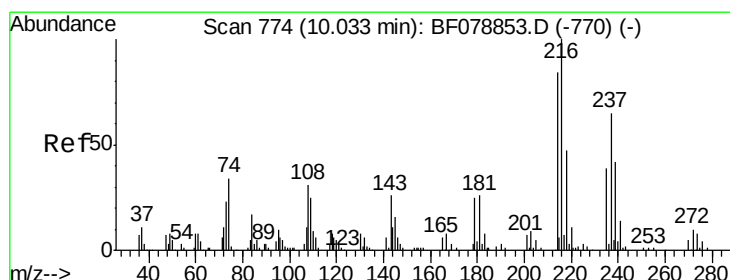
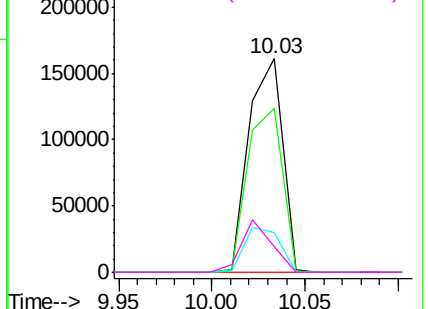
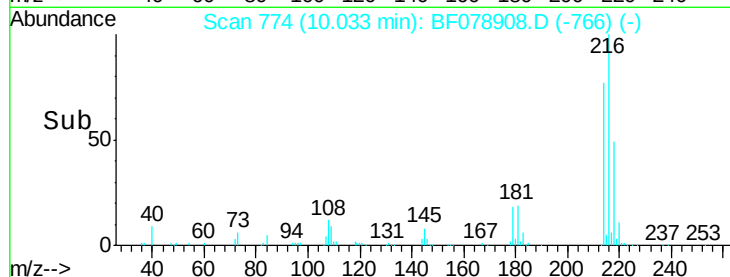


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 36.56 ng

RT: 10.01 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

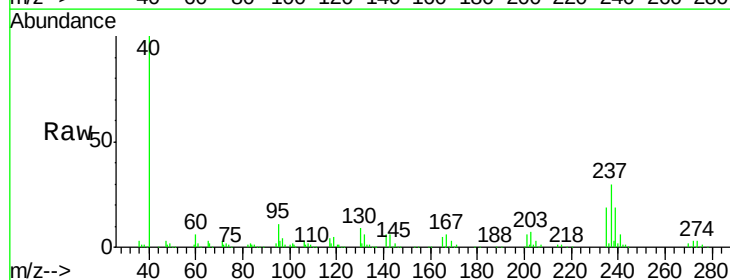
Tgt Ion:237 Resp: 100123

Ion Ratio Lower Upper

237 100

235 62.0 44.7 84.7

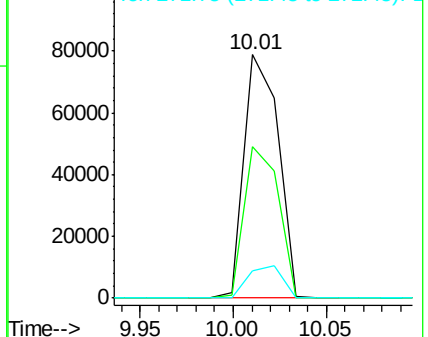
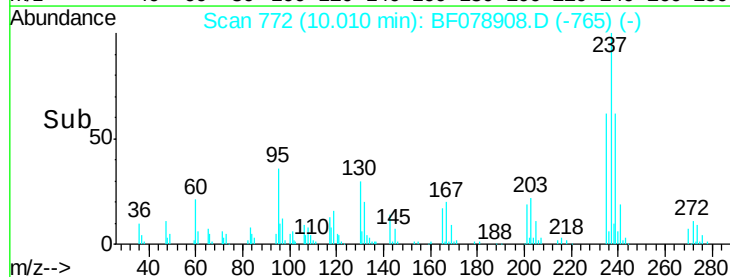
272 11.1 0.0 32.6

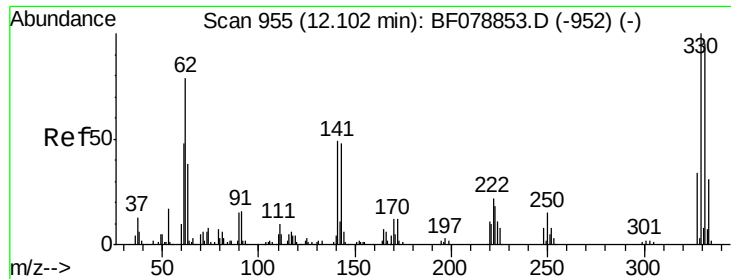


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

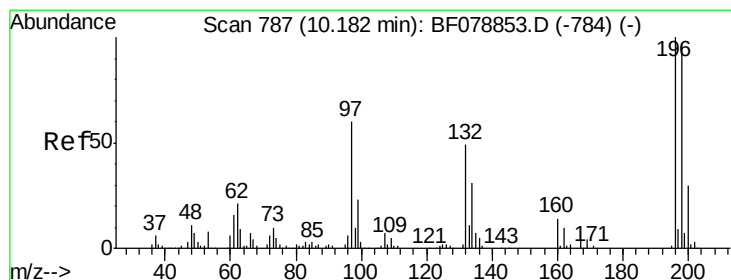
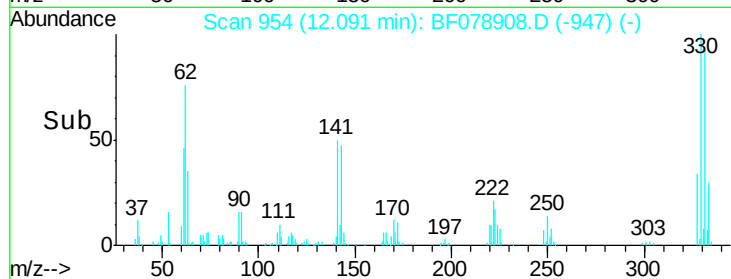
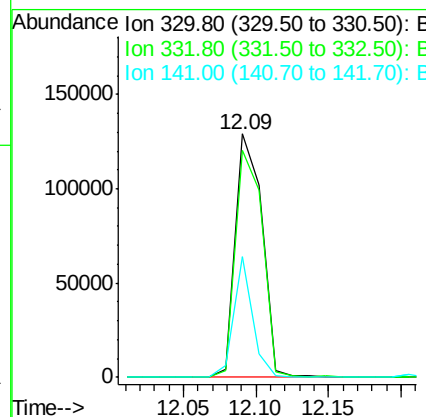
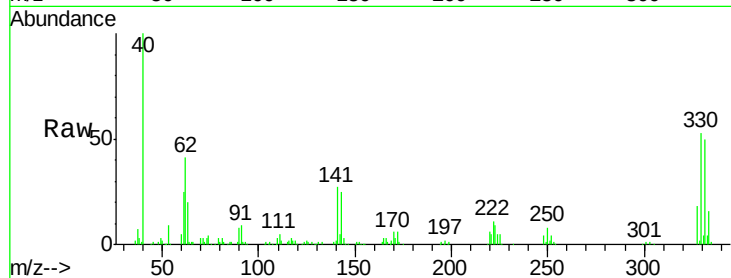




#41
 2,4,6-Tribromophenol
 Concen: 79.16 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

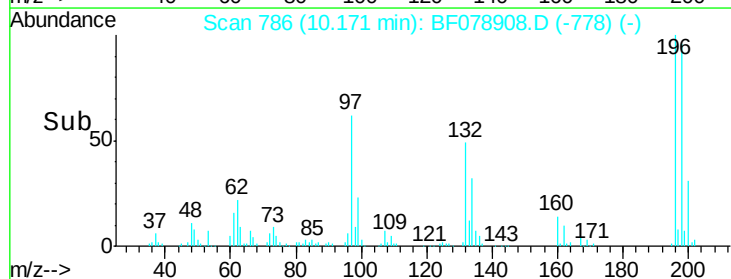
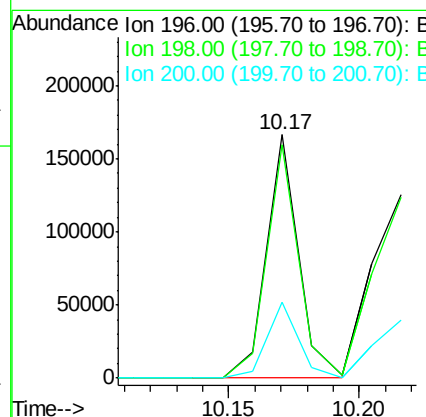
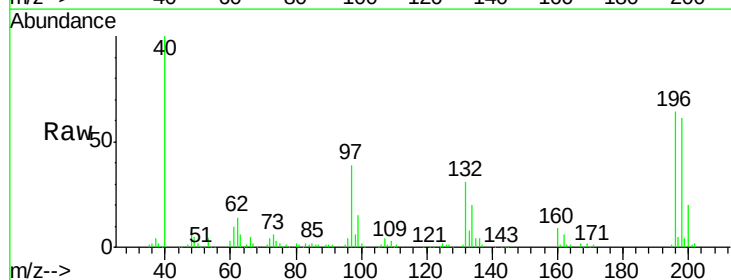
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

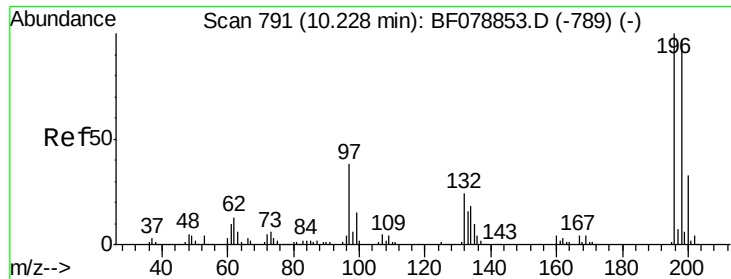
Tot Ion:330 Resp: 165616
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 34.9 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 38.19 ng
 RT: 10.17 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

Tgt Ion:196 Resp: 143005
 Ion Ratio Lower Upper
 196 100
 198 95.7 80.5 120.7
 200 31.0 24.9 37.3

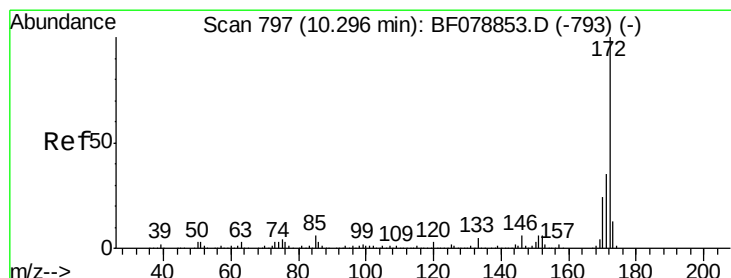
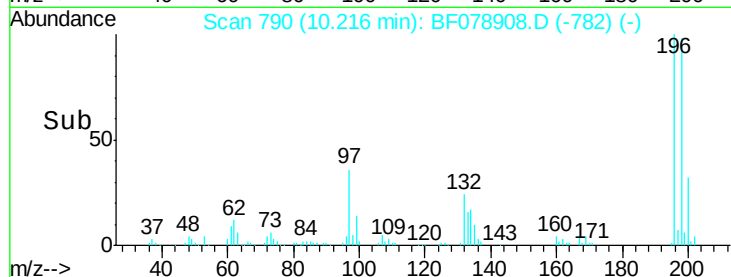
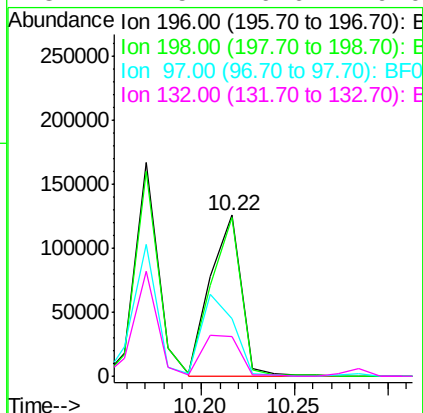
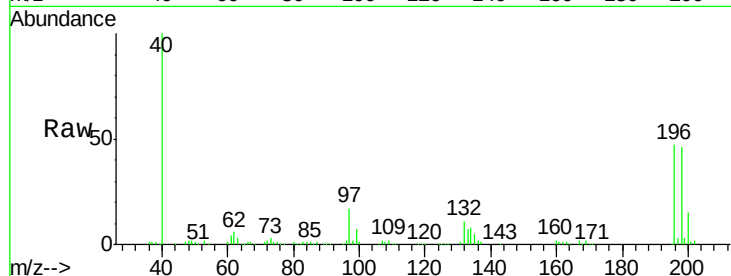




#43
 2,4,5-Trichlorophenol
 Concen: 38.28 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

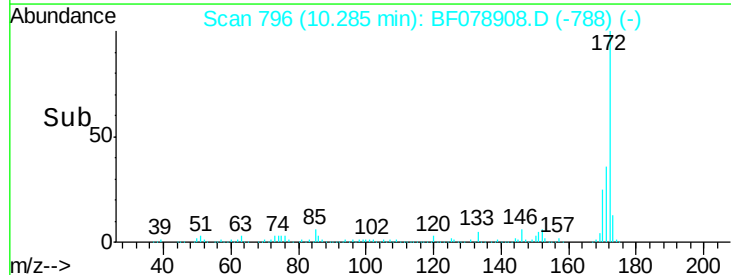
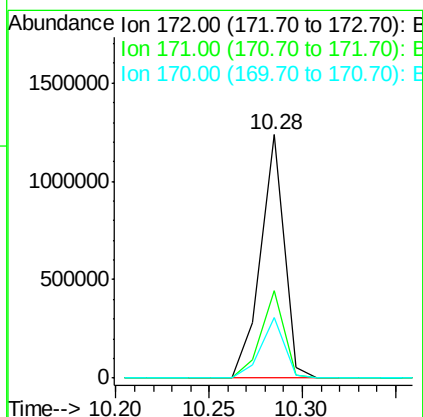
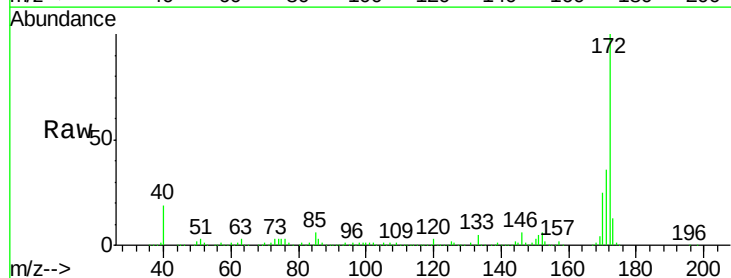
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

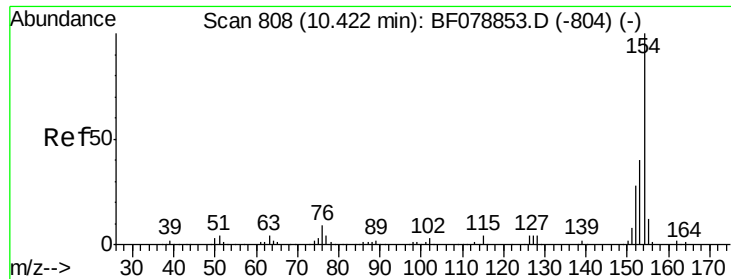
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.4	79.8	119.6
97	35.9	46.0	69.0#
132	24.5	26.6	40.0#



#44
 2-Fluorobiphenyl
 Concen: 77.90 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.9	41.9
170	24.7	19.4	29.0





#45

1,1'-Biphenyl

Concen: 37.97 ng

RT: 10.41 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

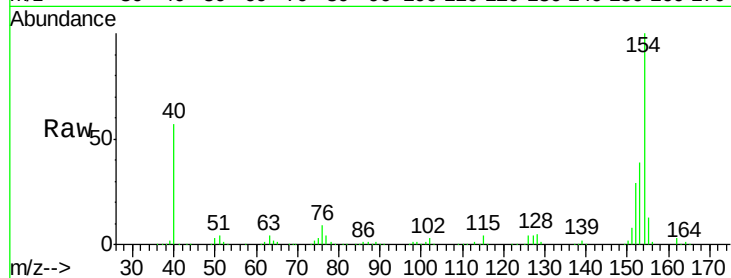
Tot Ion:154 Resp: 583711

Ion Ratio Lower Upper

154 100

153 39.2 19.9 59.9

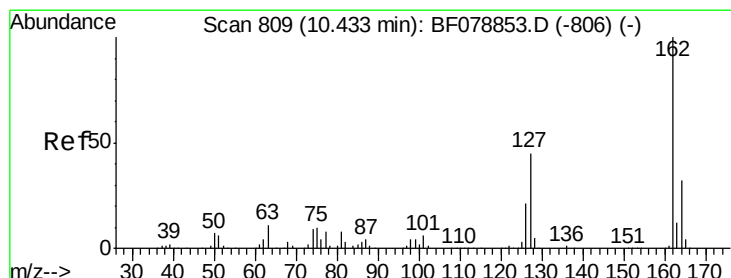
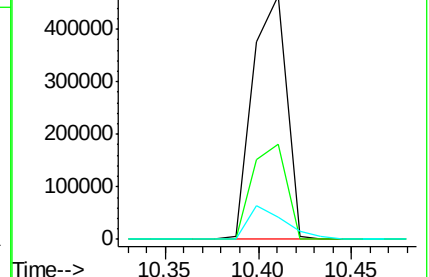
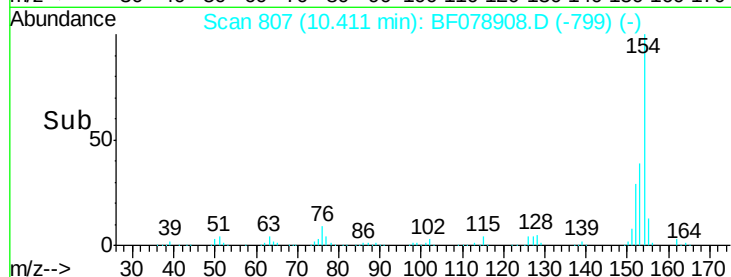
76 9.4 0.0 35.0



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): BF0



#46

2-Chloronaphthalene

Concen: 36.73 ng

RT: 10.42 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

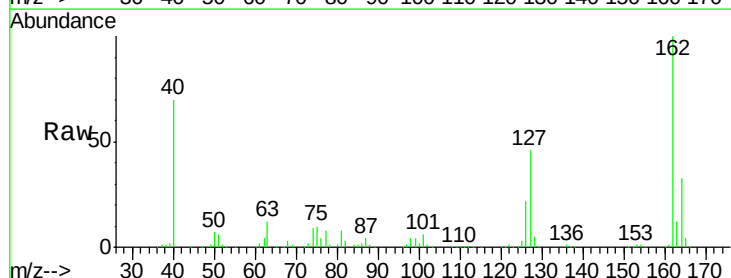
Tgt Ion:162 Resp: 440469

Ion Ratio Lower Upper

162 100

127 45.7 33.9 50.9

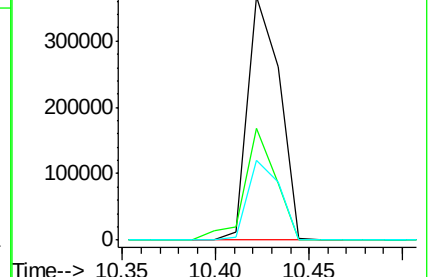
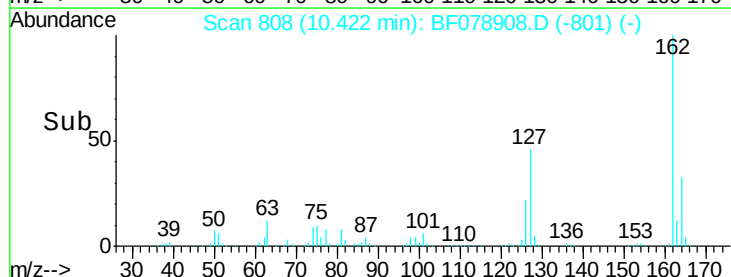
164 32.9 26.3 39.5

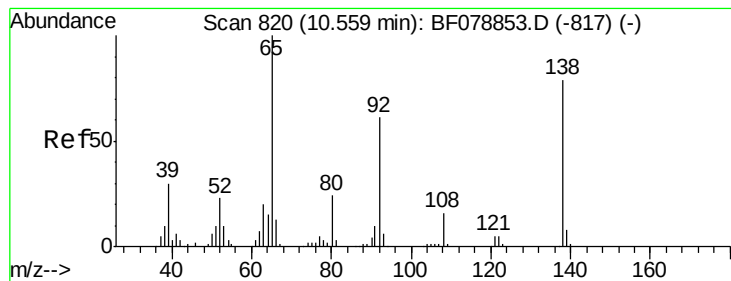


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.29 ng

RT: 10.55 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

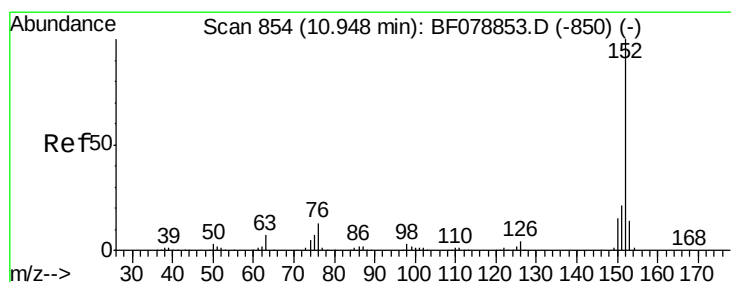
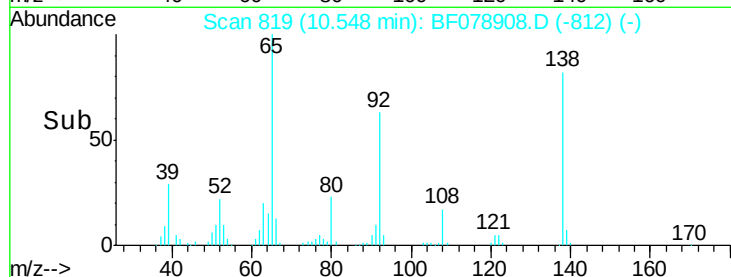
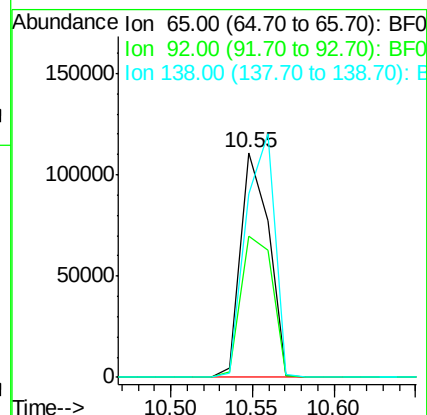
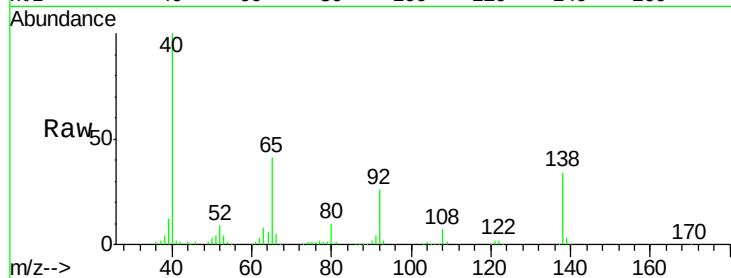
Tot Ion: 65 Resp: 133057

Ion Ratio Lower Upper

65 100

92 62.7 54.0 81.0

138 81.6 75.0 112.6



#48

Acenaphthylene

Concen: 37.84 ng

RT: 10.94 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

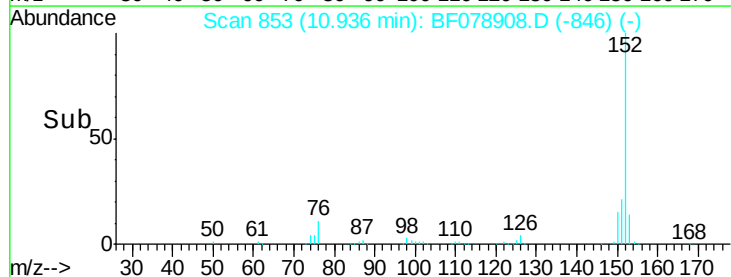
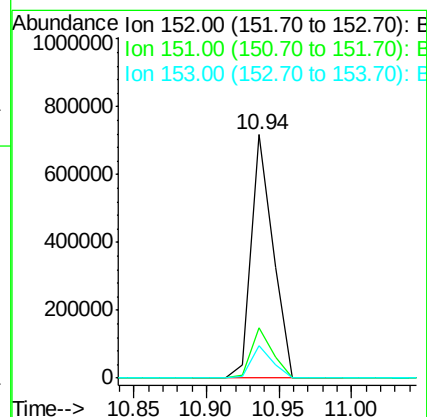
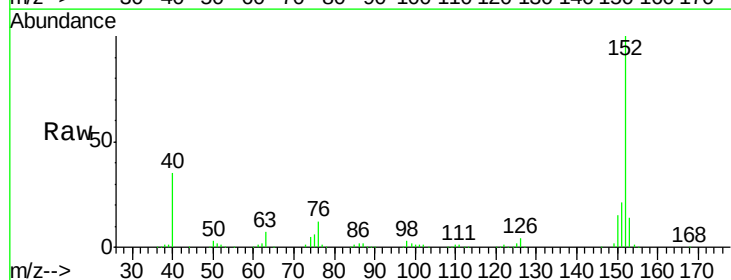
Tgt Ion: 152 Resp: 745173

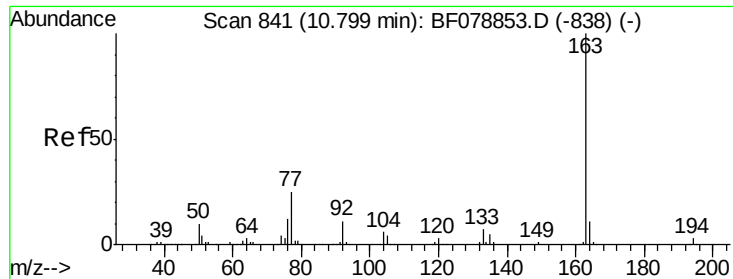
Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.5 10.9 16.3





#49

Dimethylphthalate

Concen: 36.62 ng

RT: 10.79 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

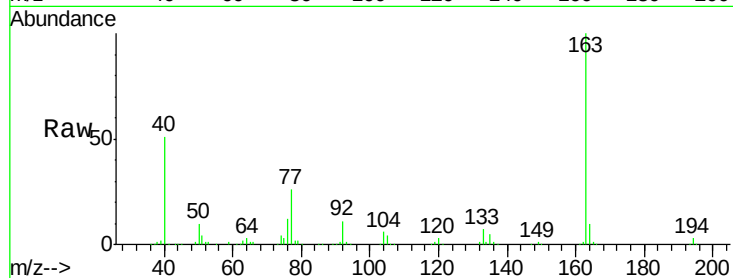
Tot Ion:163 Resp: 519759

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

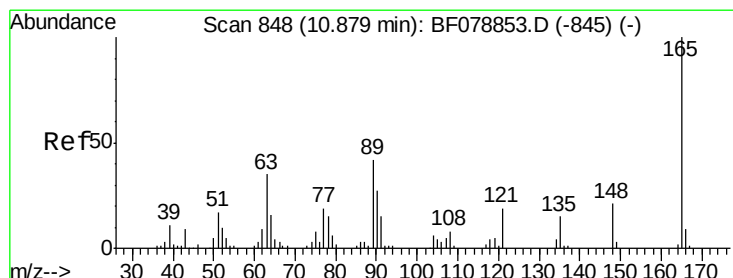
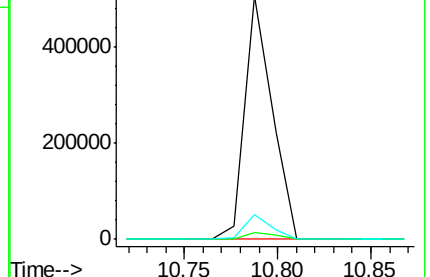
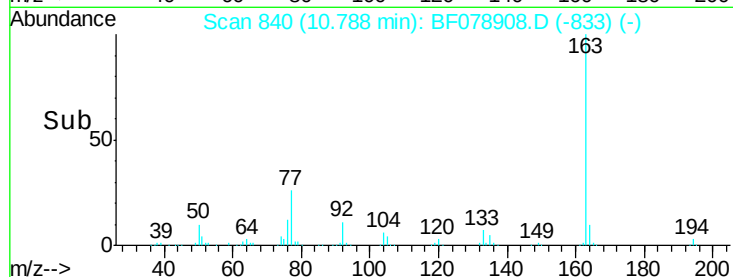
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.60 ng

RT: 10.87 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

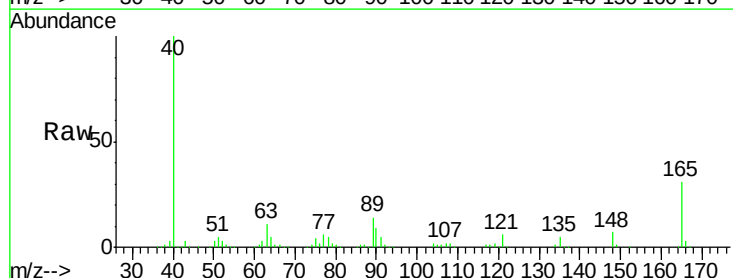
Tgt Ion:165 Resp: 108126

Ion Ratio Lower Upper

165 100

63 35.3 54.4 81.6#

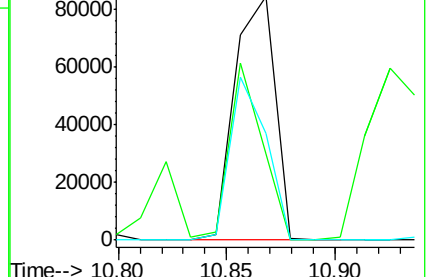
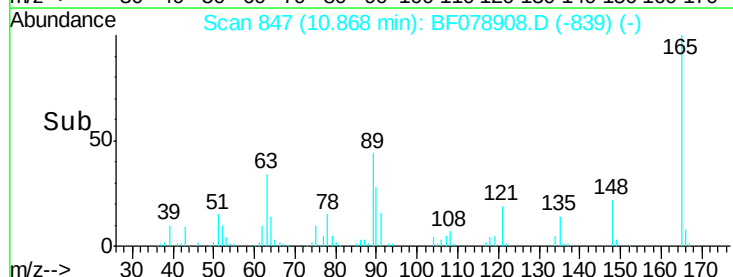
89 43.6 55.7 83.5#

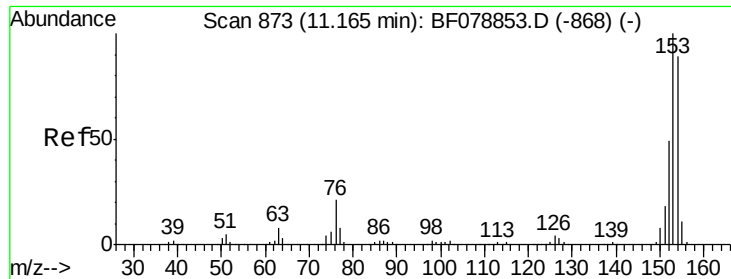


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.00 ng

RT: 11.15 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

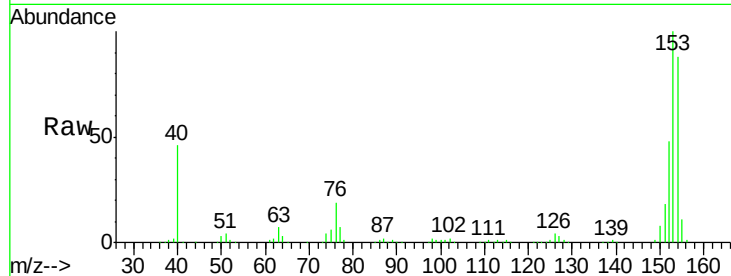
Tot Ion:154 Resp: 457976

Ion Ratio Lower Upper

154 100

153 113.5 91.5 137.3

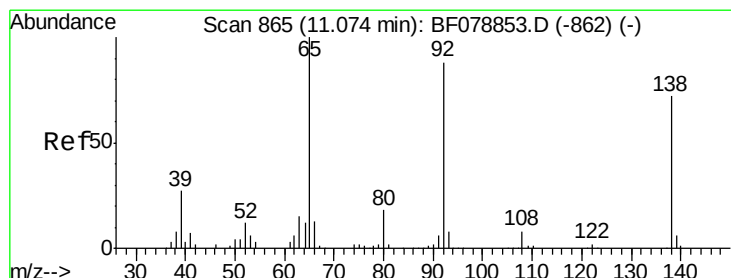
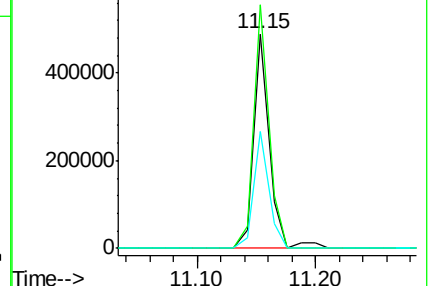
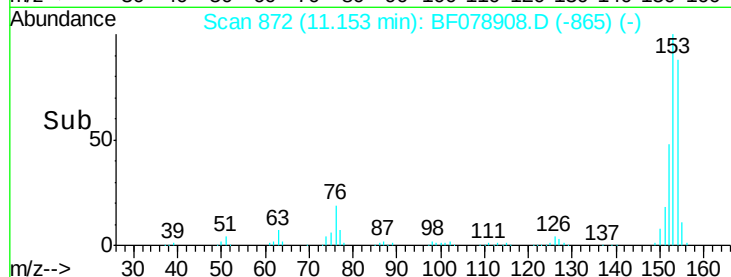
152 54.3 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.52 ng

RT: 11.06 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

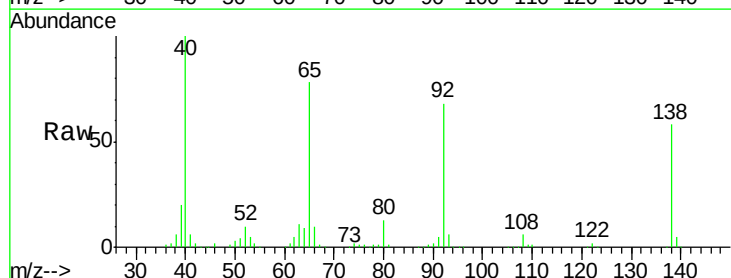
Tgt Ion:138 Resp: 138290

Ion Ratio Lower Upper

138 100

108 10.1 10.6 16.0#

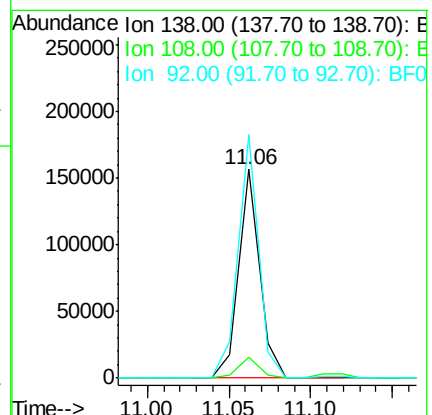
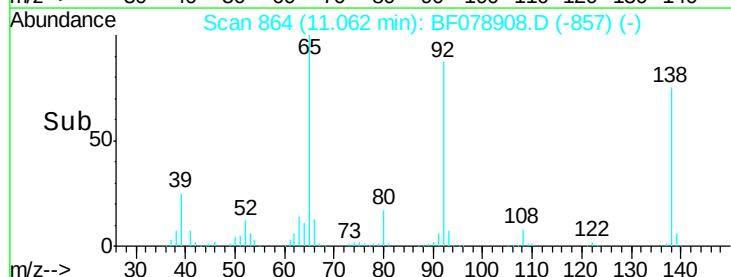
92 116.6 81.8 122.6

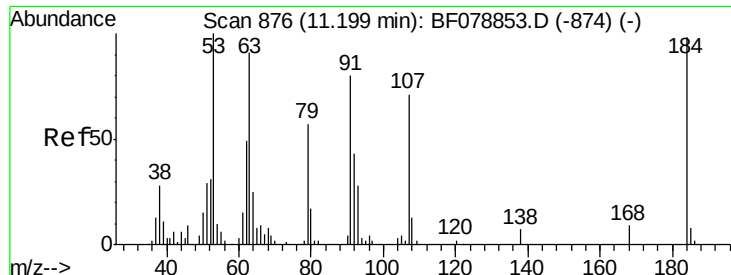


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

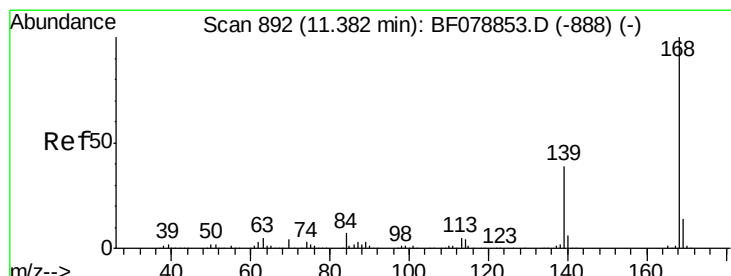
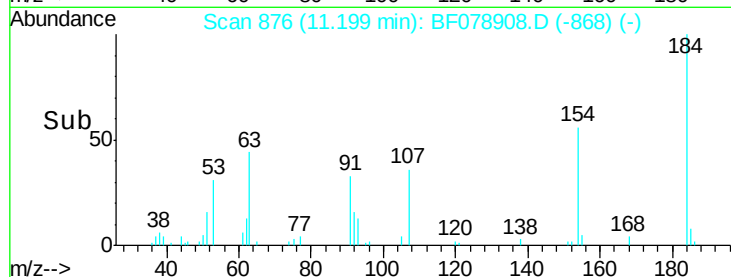
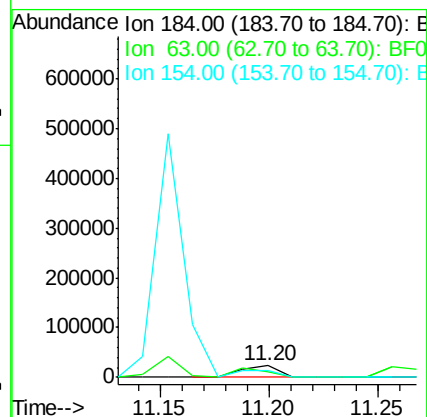
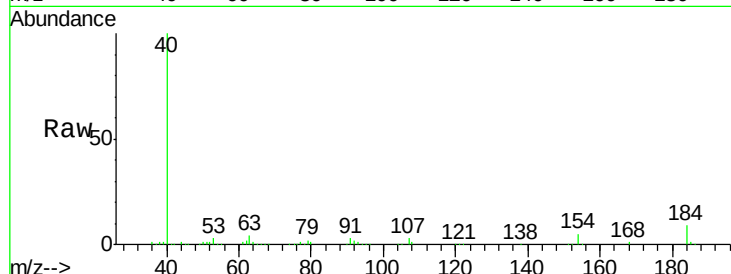




#53
2,4-Dinitrophenol
Concen: 37.08 ng
RT: 11.20 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

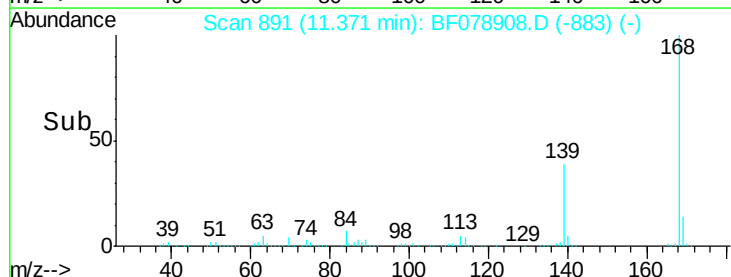
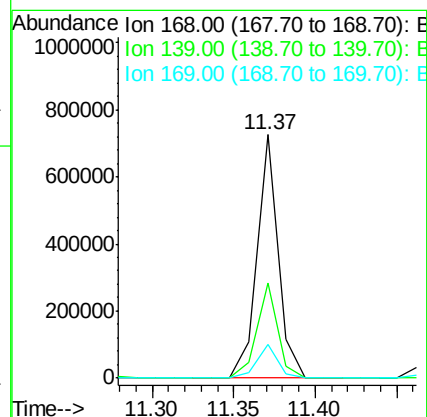
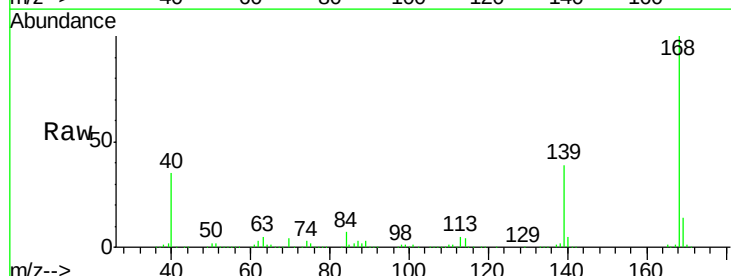
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

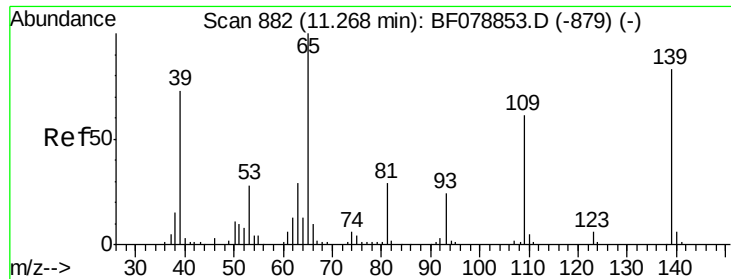
Tot Ion:184 Resp: 27629
Ion Ratio Lower Upper
184 100
63 43.5 63.3 94.9#
154 57.0 53.8 80.6



#54
Dibenzofuran
Concen: 38.47 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion:168 Resp: 652442
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.4
169 13.7 10.6 16.0

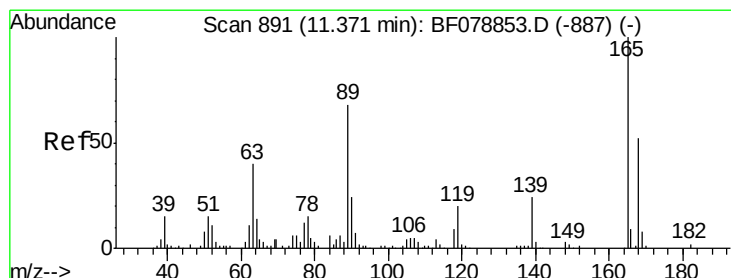
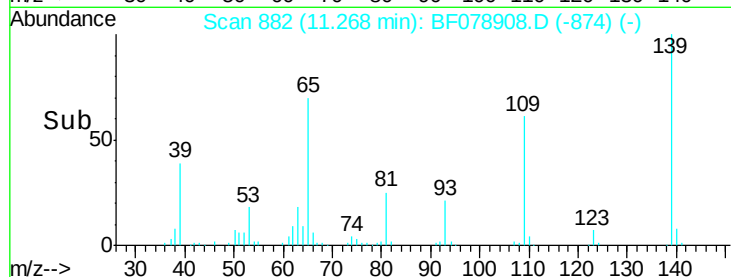
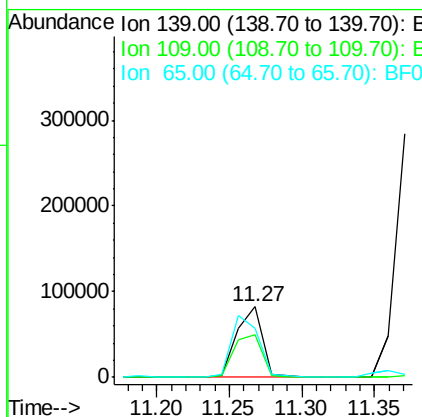
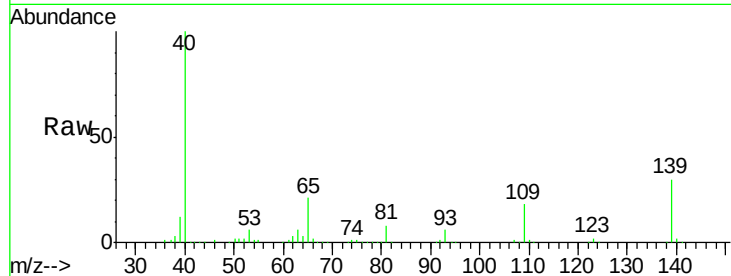




#55
4-Nitrophenol
Concen: 36.61 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

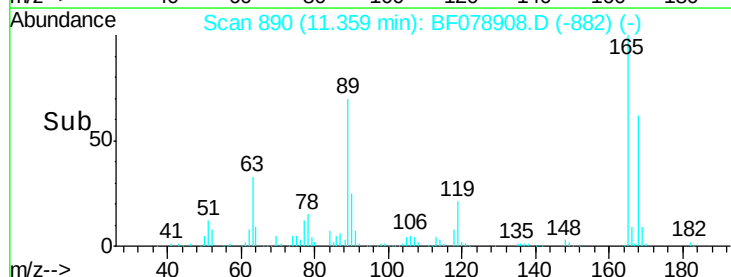
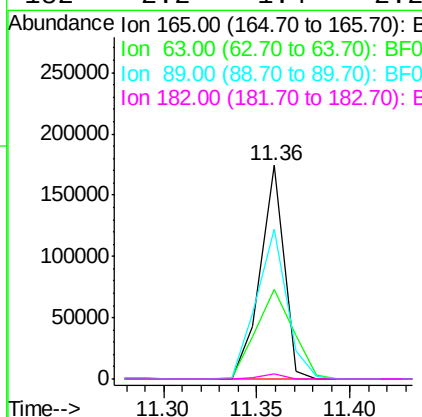
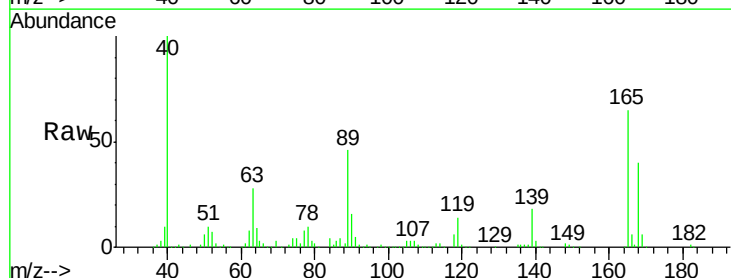
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

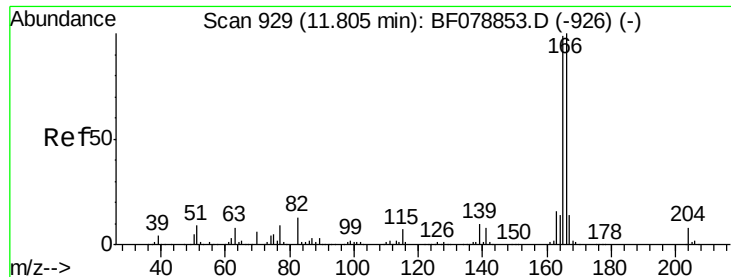
Tot Ion	Ratio	Lower	Upper
139	100		
109	60.8	47.6	87.6
65	69.5	54.3	94.3



#56
2,4-Dinitrotoluene
Concen: 41.32 ng
RT: 11.36 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.2	51.2	76.8#
89	70.3	82.7	124.1#
182	2.2	1.4	2.2#

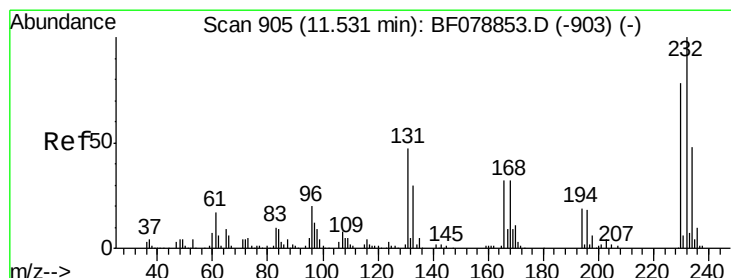
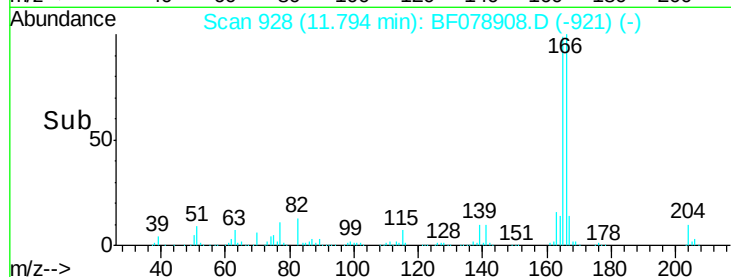
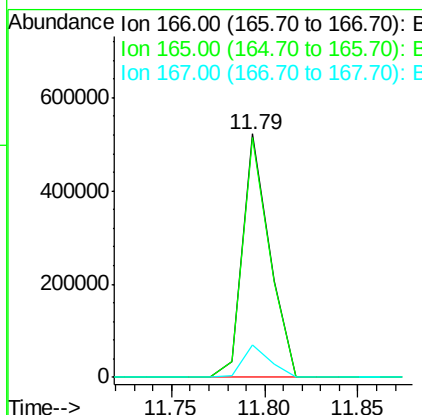
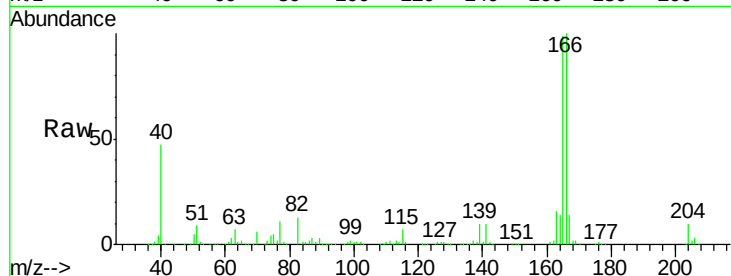




#57
 Fluorene
 Concen: 37.70 ng
 RT: 11.79 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

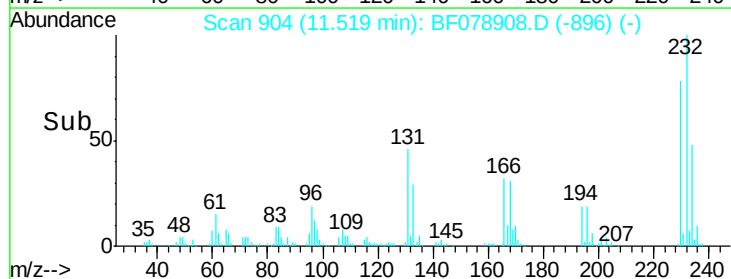
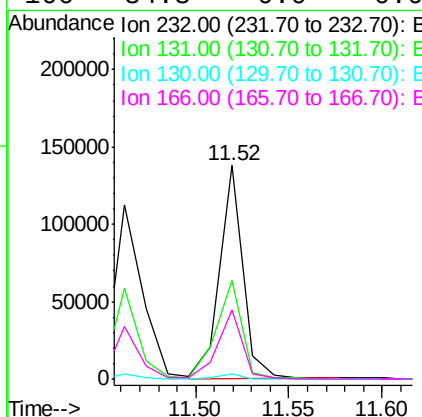
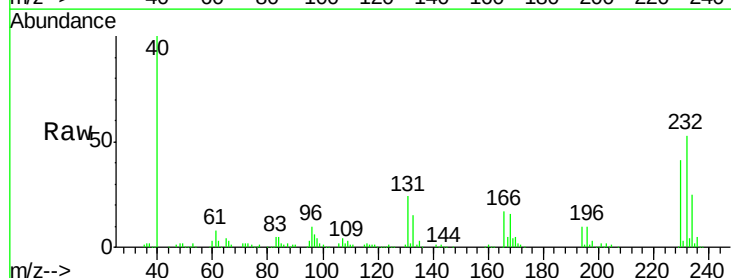
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

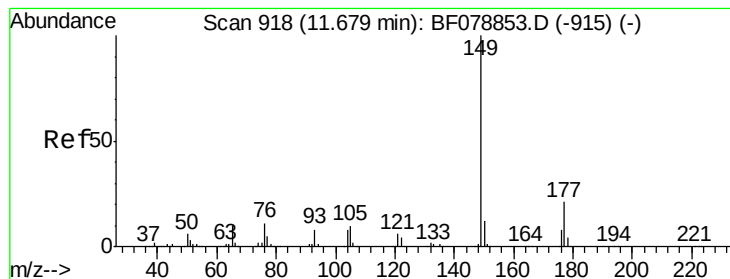
Tot Ion:166 Resp: 524797
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.5 117.7
 167 13.5 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.74 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

Tgt Ion:232 Resp: 119836
 Ion Ratio Lower Upper
 232 100
 131 50.9 0.0 0.0#
 130 2.6 0.0 0.0#
 166 34.3 0.0 0.0#





#59

Diethylphthalate

Concen: 38.50 ng

RT: 11.67 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

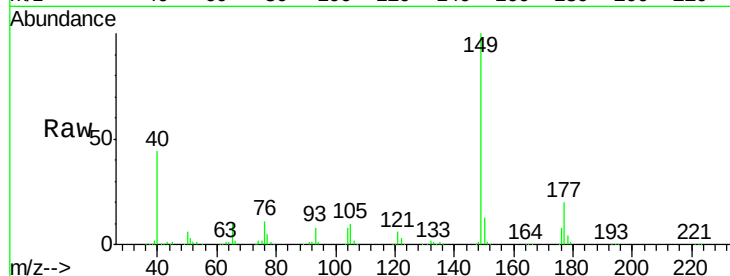
Tot Ion:149 Resp: 541445

Ion Ratio Lower Upper

149 100

177 20.2 17.5 26.3

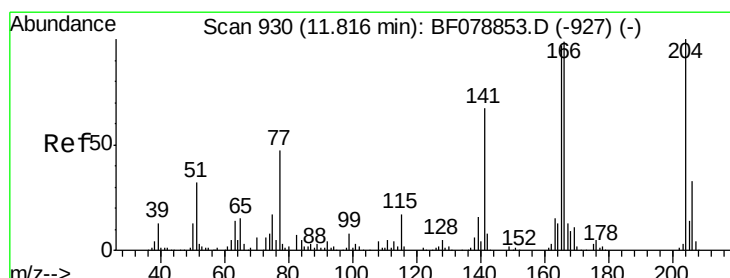
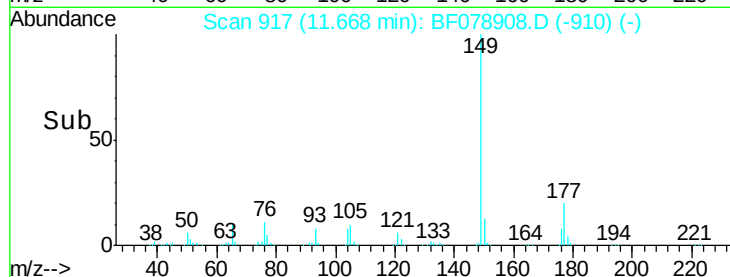
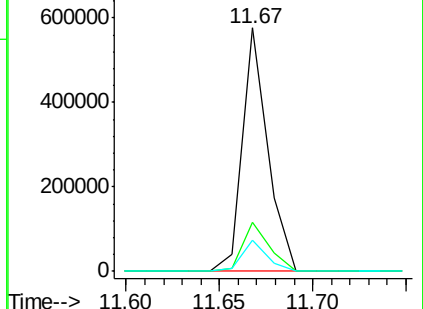
150 12.7 9.6 14.4



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



#60

4-Chlorophenyl-phenylether

Concen: 38.98 ng

RT: 11.80 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

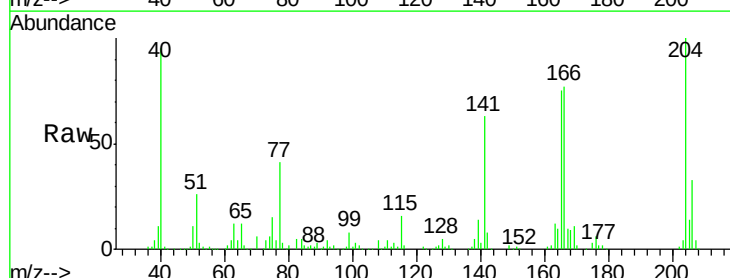
Tgt Ion:204 Resp: 240728

Ion Ratio Lower Upper

204 100

206 32.8 26.9 40.3

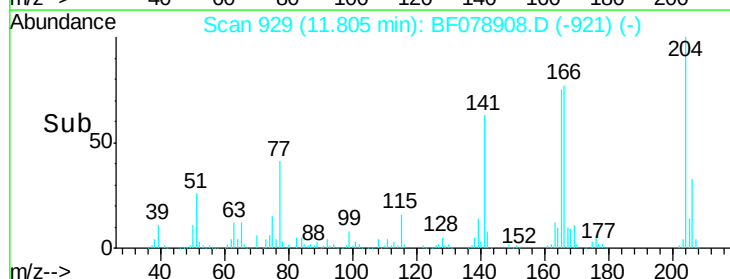
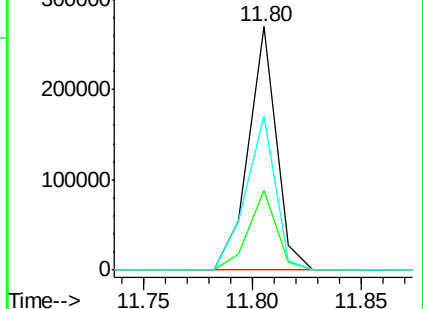
141 63.4 48.3 72.5

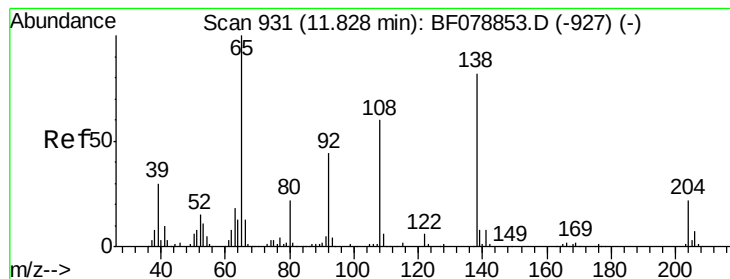


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.96 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

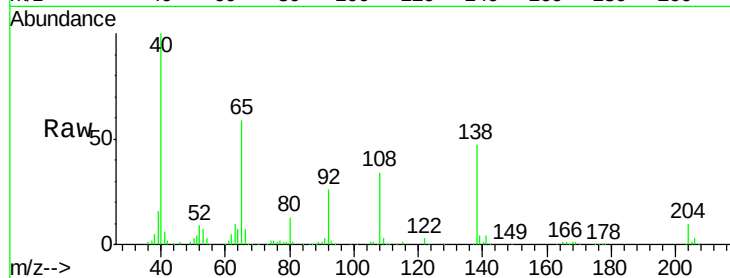
Tot Ion:138 Resp: 143394

Ion Ratio Lower Upper

138 100

92 54.3 28.0 68.0

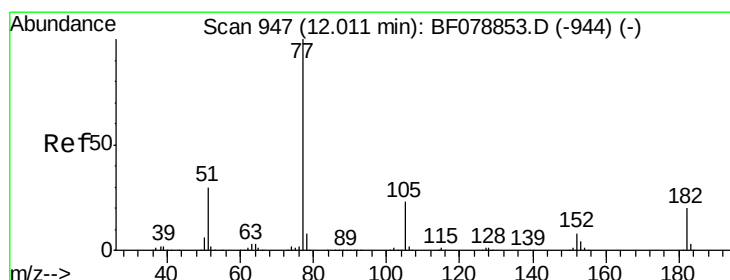
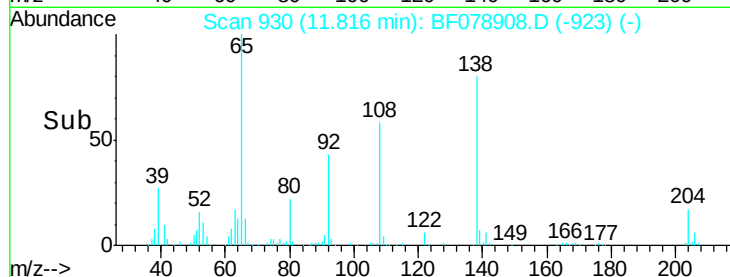
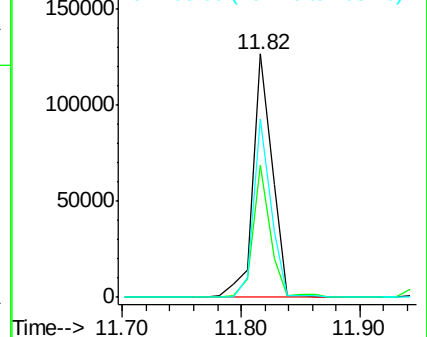
108 73.1 56.3 96.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.72 ng

RT: 12.00 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Tgt Ion: 77 Resp: 550322

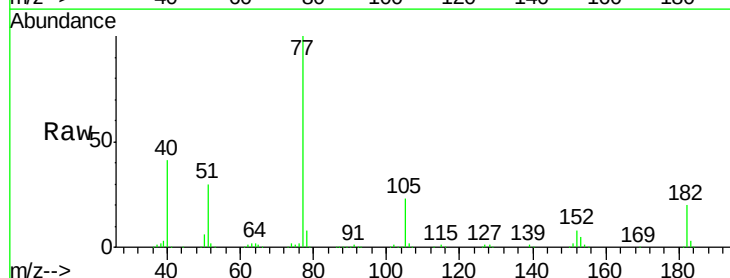
Ion Ratio Lower Upper

77 100

182 20.1 3.8 43.8

105 22.9 3.9 43.9

51 30.0 10.8 50.8

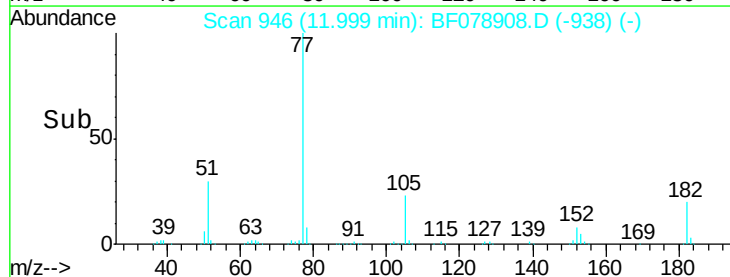
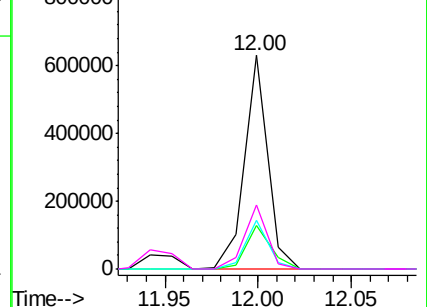


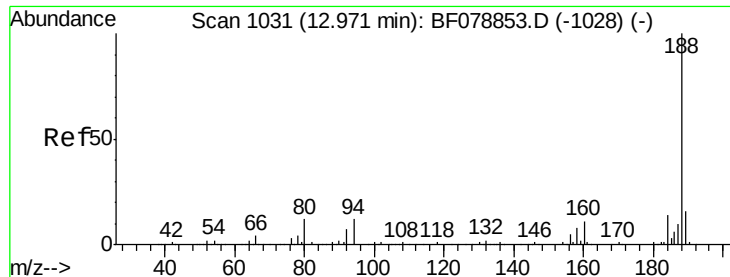
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.96 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

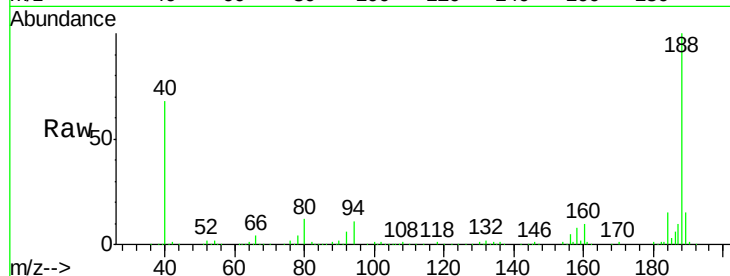
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 378214

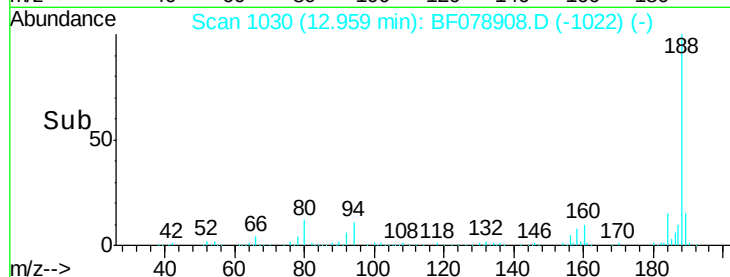
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.2
80	11.8	8.9	13.3



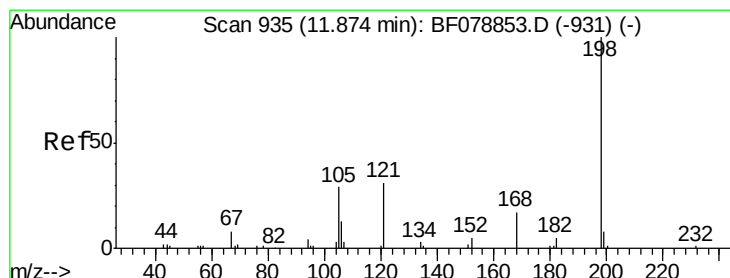
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 12.90 12.95 13.00



#64

4,6-Dinitro-2-methylphenol

Concen: 35.87 ng

RT: 11.86 min Scan# 934

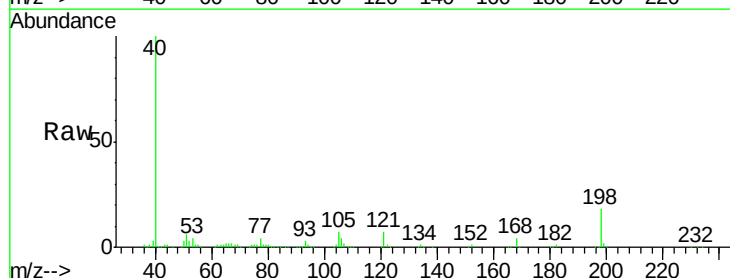
Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Tgt Ion:198 Resp: 50668

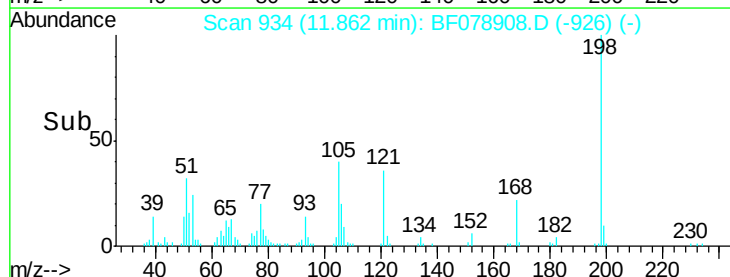
Ion	Ratio	Lower	Upper
198	100		
51	32.0	47.3	87.3#
105	39.6	38.8	78.8



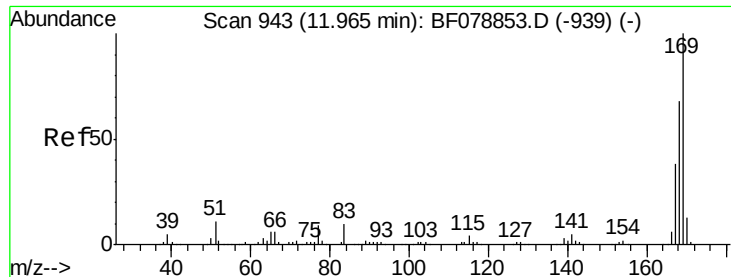
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time--> 11.80 11.85 11.90



#65

n-Nitrosodiphenylamine

Concen: 38.86 ng

RT: 11.95 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

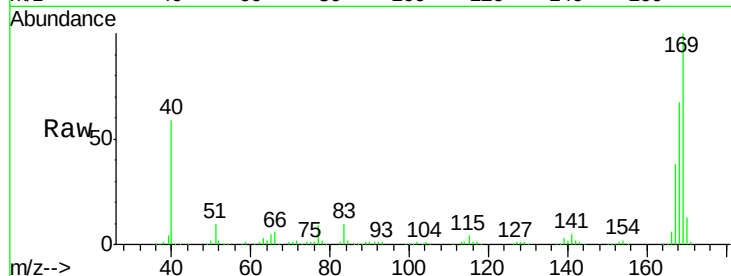
Tot Ion:169 Resp: 489435

Ion Ratio Lower Upper

169 100

168 66.7 54.6 82.0

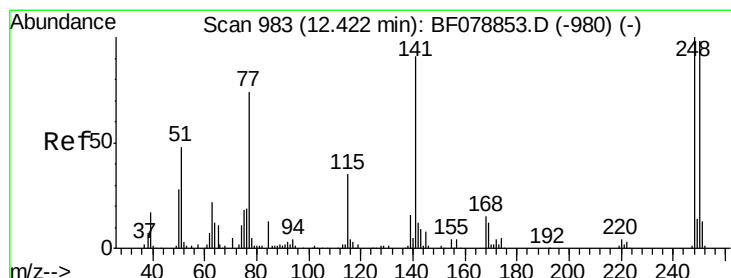
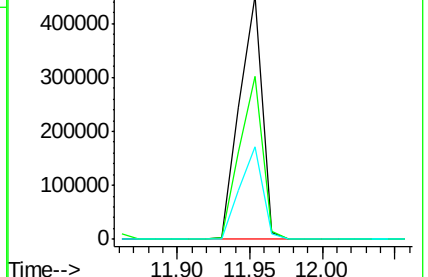
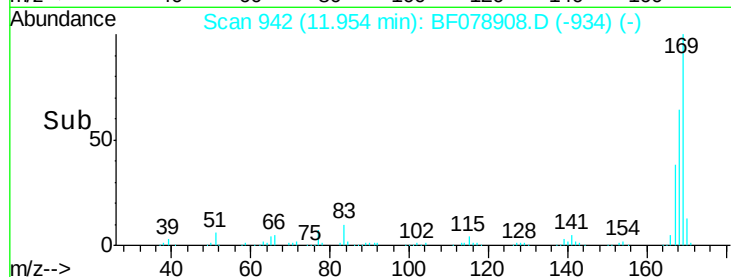
167 37.9 30.6 45.8



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



#66

4-Bromophenyl-phenylether

Concen: 38.30 ng

RT: 12.41 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

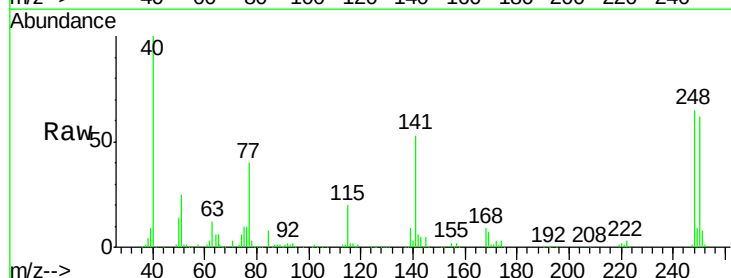
Tgt Ion:248 Resp: 150972

Ion Ratio Lower Upper

248 100

250 95.5 77.1 115.7

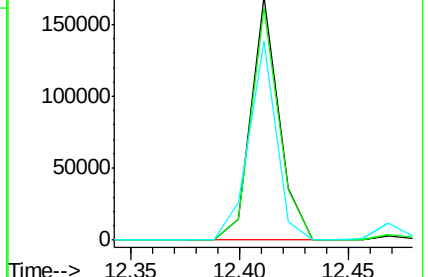
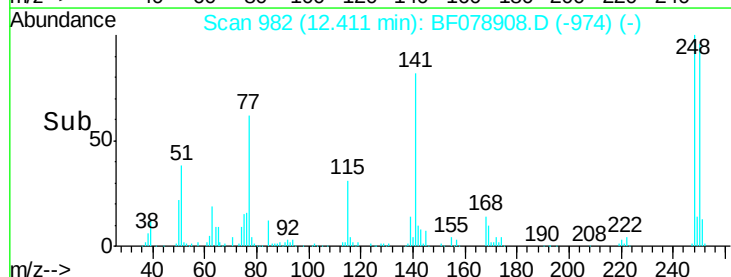
141 81.7 58.8 88.2

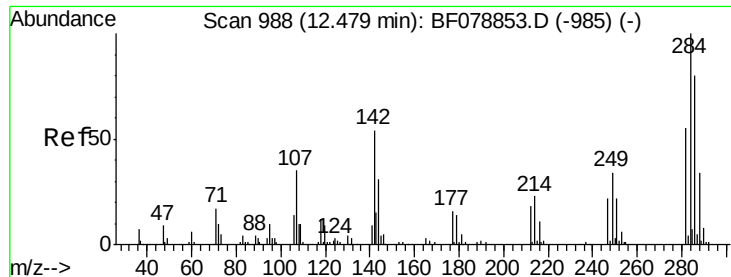


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

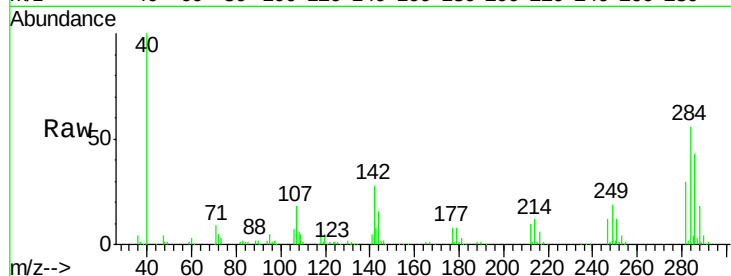




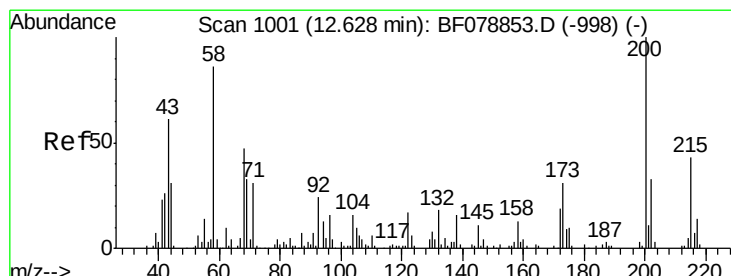
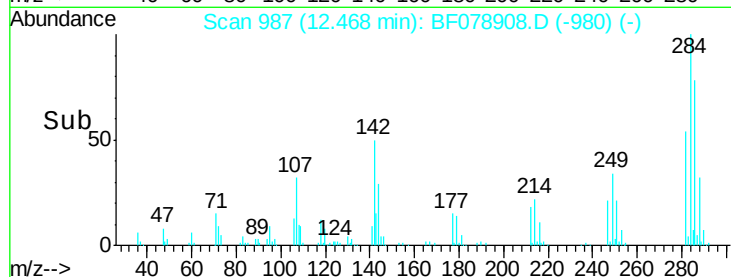
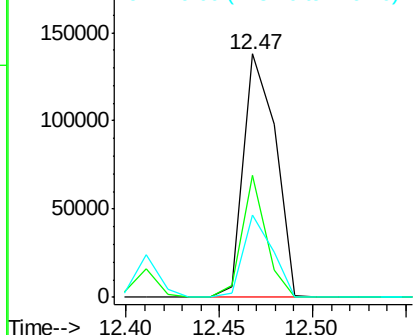
#67
Hexachlorobenzene
Concen: 36.99 ng
RT: 12.47 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	50.2	35.2	52.8
249	33.9	25.4	38.2

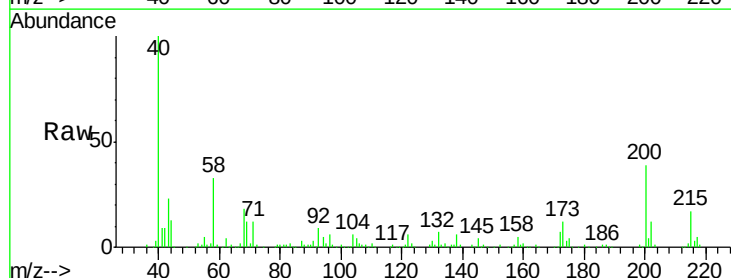


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

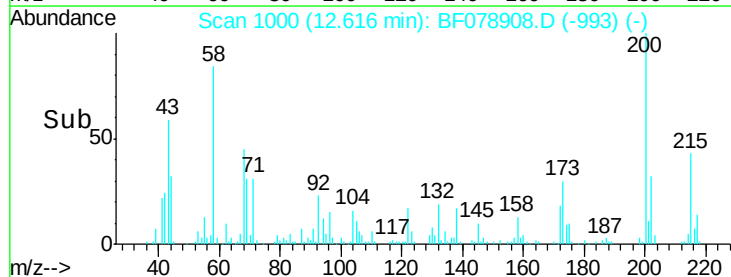
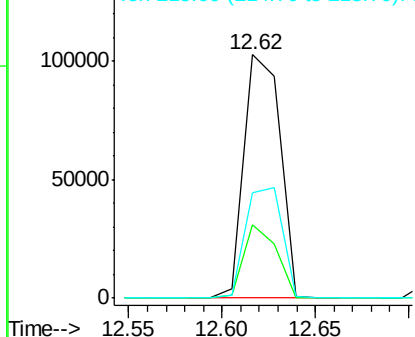


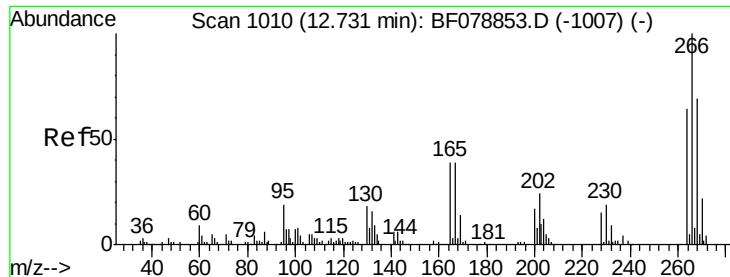
#68
Atrazine
Concen: 37.69 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.3	8.1	48.1
215	43.4	22.9	62.9



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

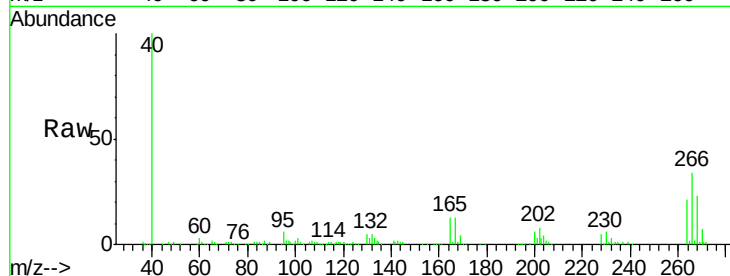




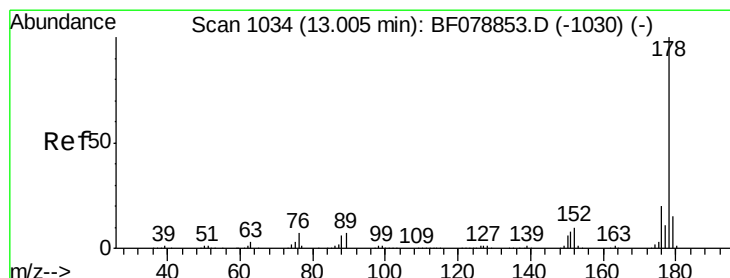
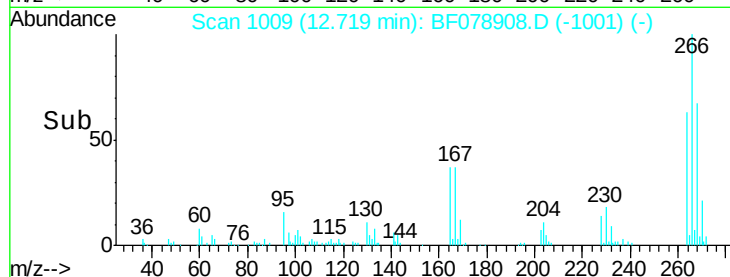
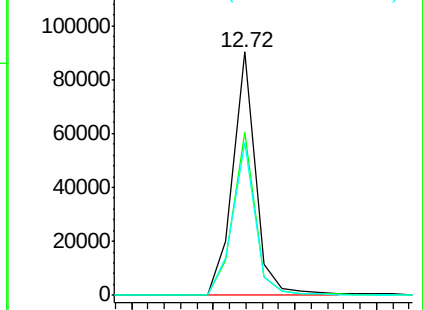
#69
 Pentachlorophenol
 Concen: 37.16 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 87404
 Ion Ratio Lower Upper
 266 100
 268 66.8 55.0 82.6
 264 62.7 48.2 72.2

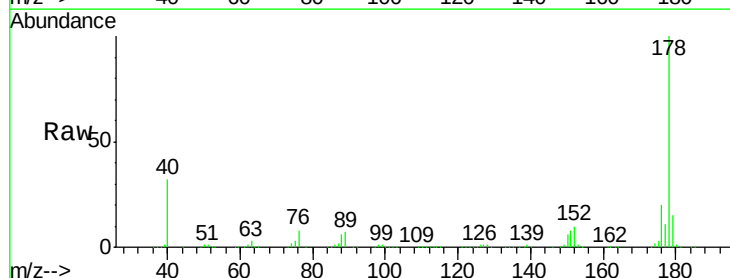


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

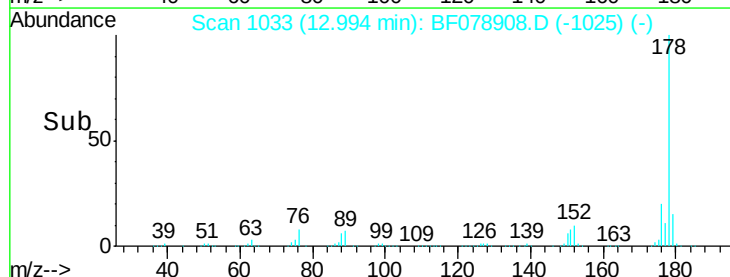
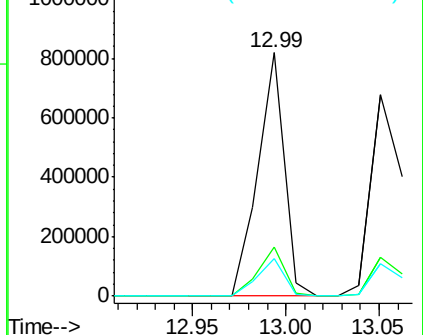


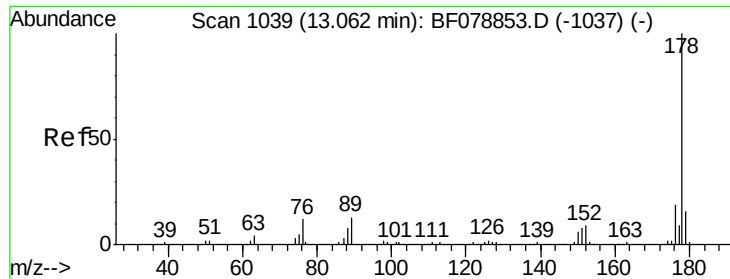
#70
 Phenanthrene
 Concen: 37.79 ng
 RT: 12.99 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

Tgt Ion:178 Resp: 799655
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 12.5 18.7



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

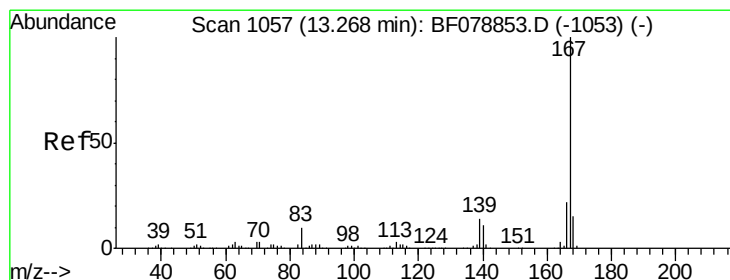
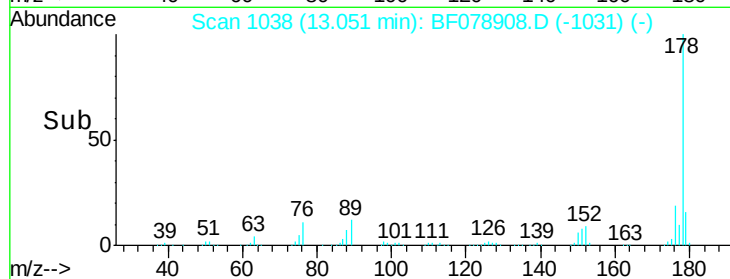
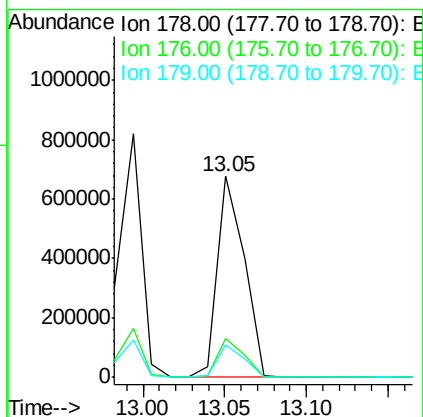
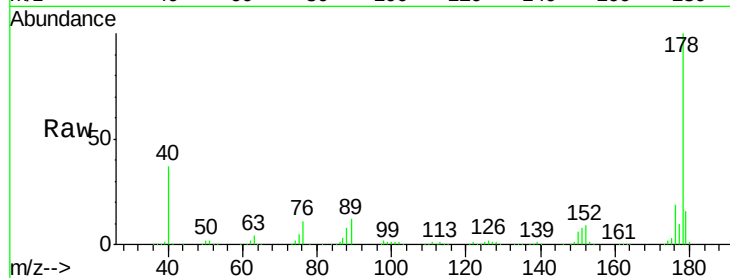




#71
 Anthracene
 Concen: 37.14 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

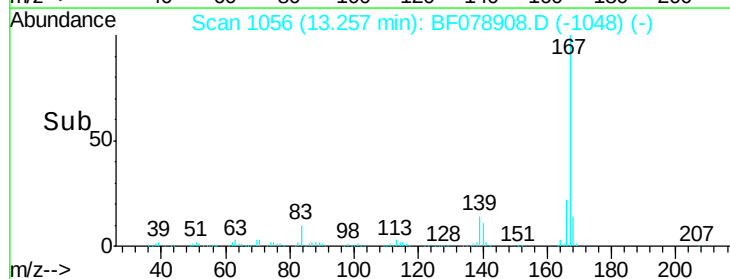
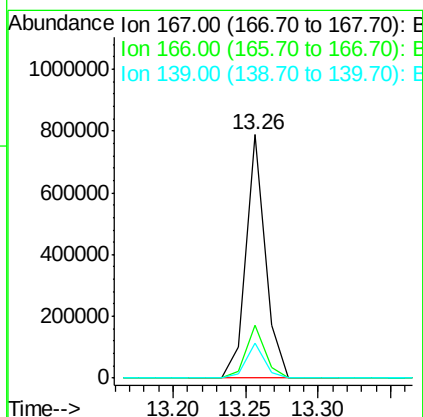
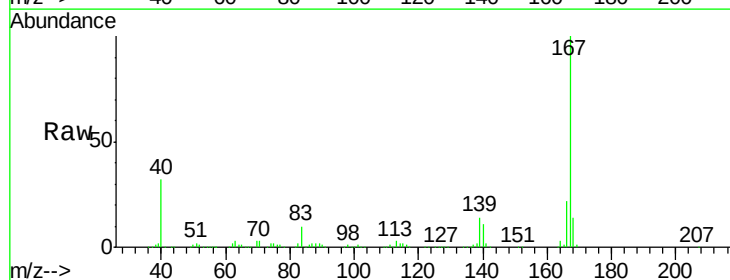
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

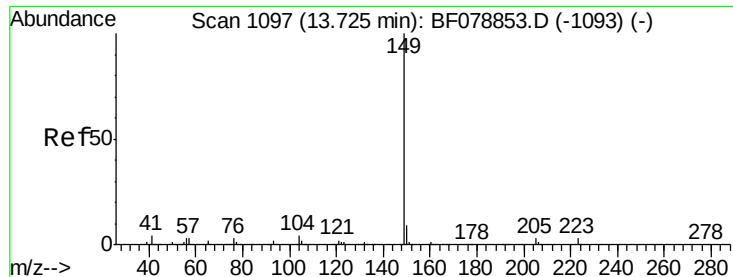
Tot Ion:178 Resp: 771005
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 37.02 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

Tgt Ion:167 Resp: 732460
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 14.3 10.6 16.0





#73

Di-n-butylphthalate

Concen: 38.98 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

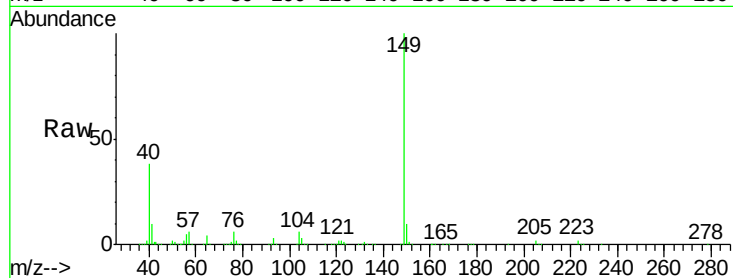
Tot Ion:149 Resp: 924809

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

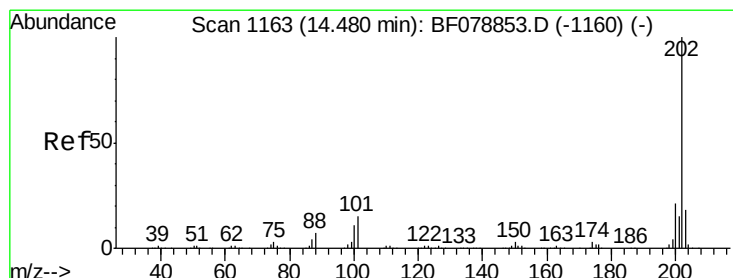
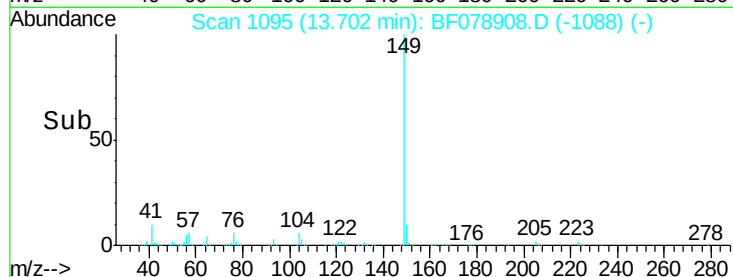
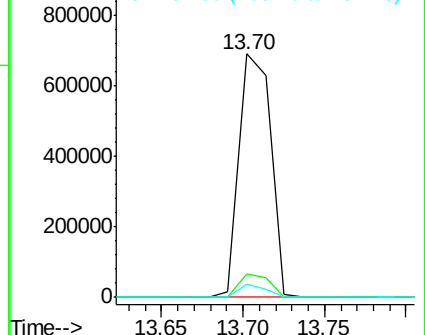
104 5.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.38 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

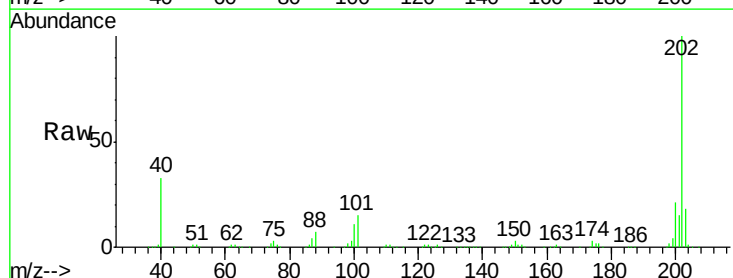
Tgt Ion:202 Resp: 824110

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.6

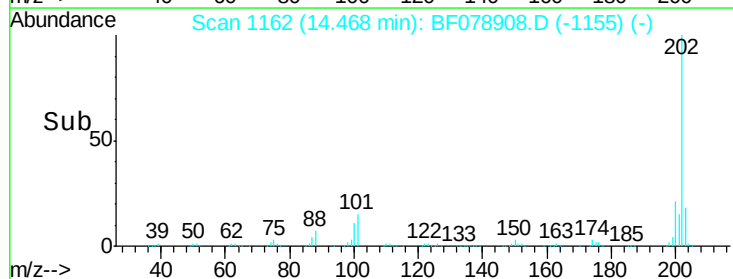
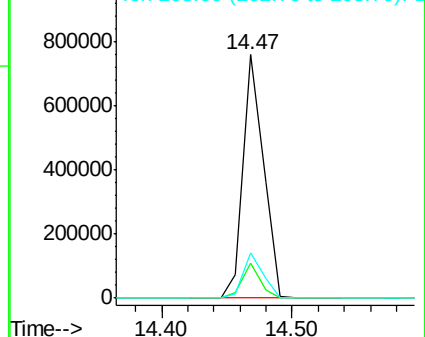
203 18.3 0.0 38.4

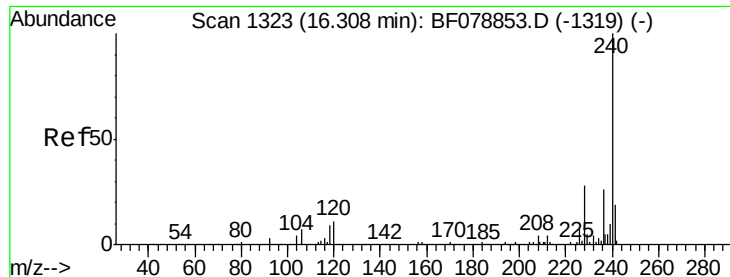


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng/mL

RT: 16.32 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

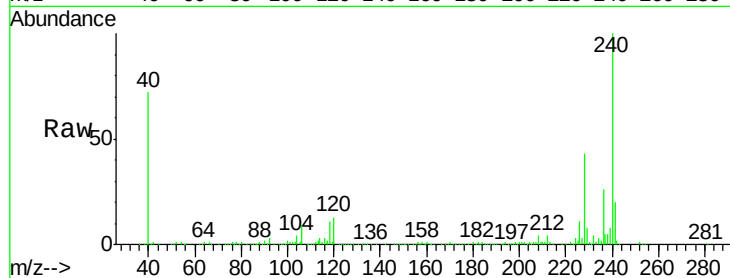
Tot Ion:240 Resp: 393851

Ion Ratio Lower Upper

240 100

120 12.8 9.7 14.5

236 25.8 20.2 30.4

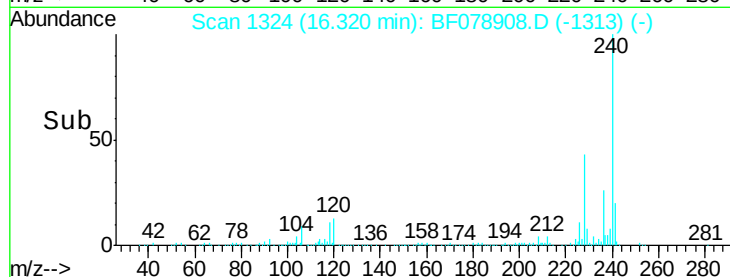


Abundance Ion 240.00 (239.70 to 240.70): E

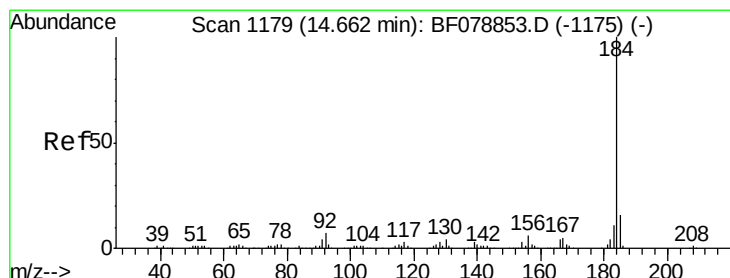
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

16.32



Time-->



#76

Benzidine

Concen: 47.61 ng

RT: 14.65 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

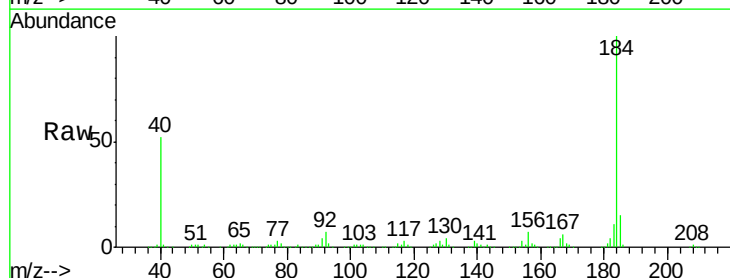
Tgt Ion:184 Resp: 505377

Ion Ratio Lower Upper

184 100

185 14.8 12.3 18.5

183 11.3 8.4 12.6

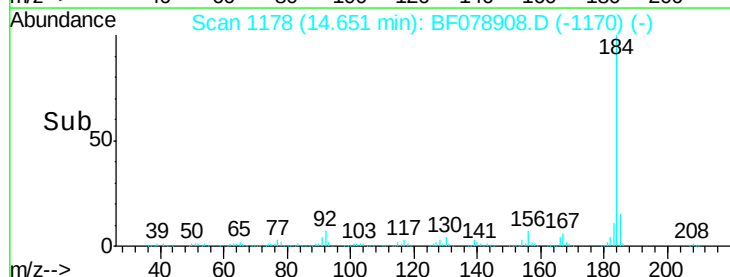


Abundance Ion 184.00 (183.70 to 184.70): E

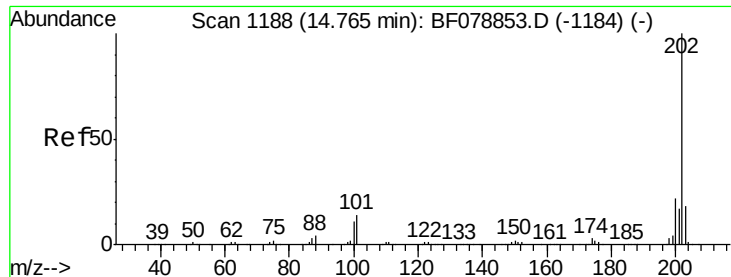
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

14.65



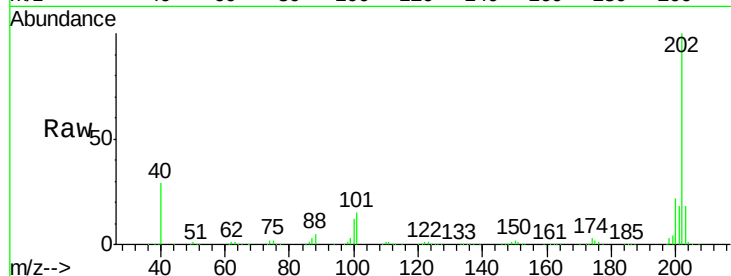
Time-->



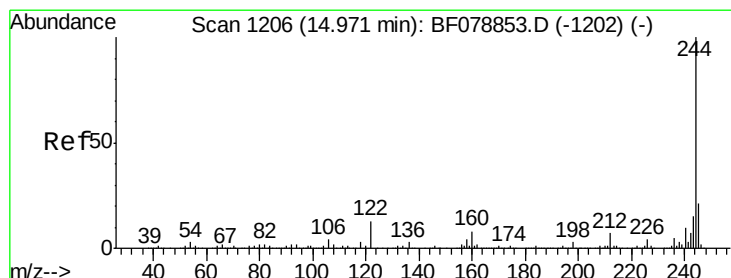
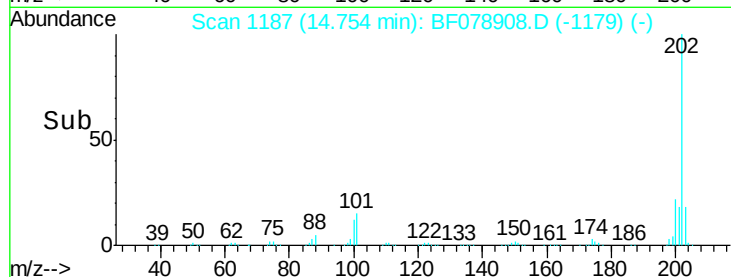
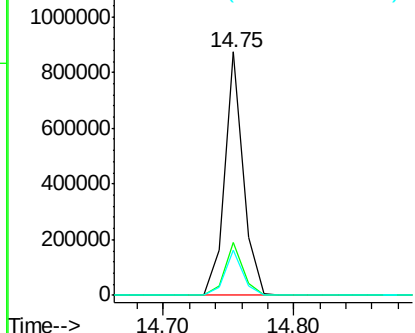
#77
Pvrene
Concen: 37.91 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 860444
Ion Ratio Lower Upper
202 100
200 22.0 17.5 26.3
203 18.4 13.9 20.9

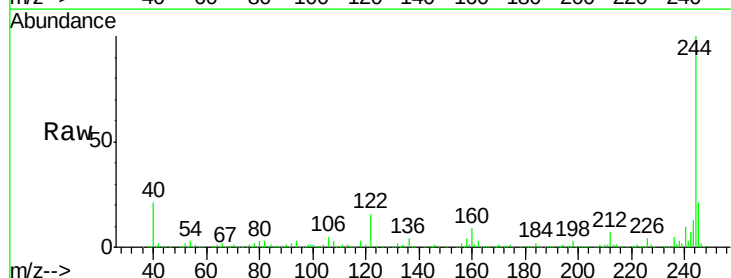


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

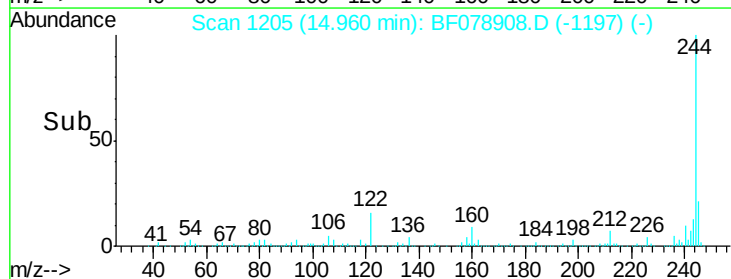
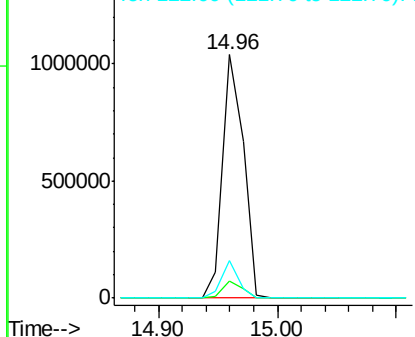


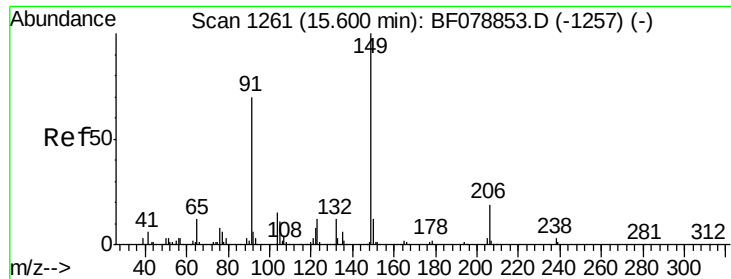
#78
Terphenyl-d14
Concen: 76.61 ng
RT: 14.96 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion:244 Resp: 1260335
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 15.7 10.3 15.5#



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

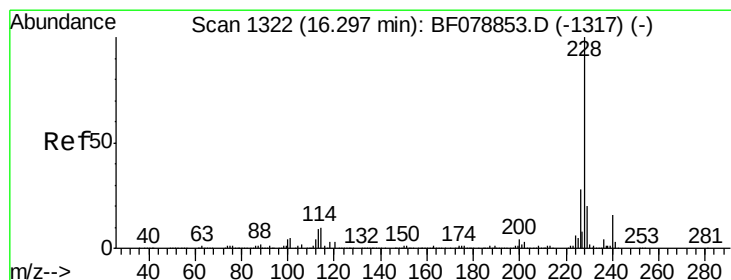
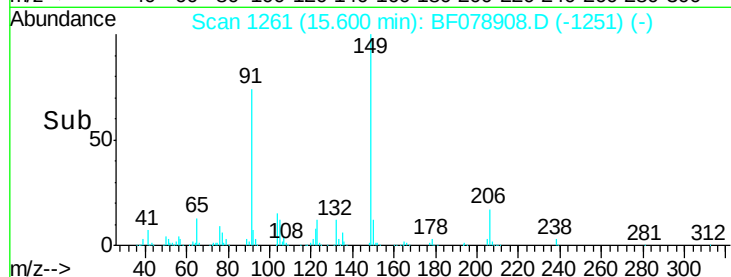
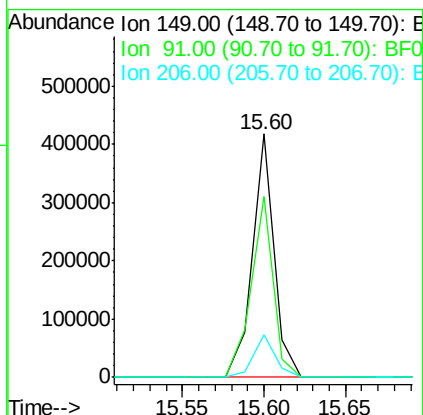
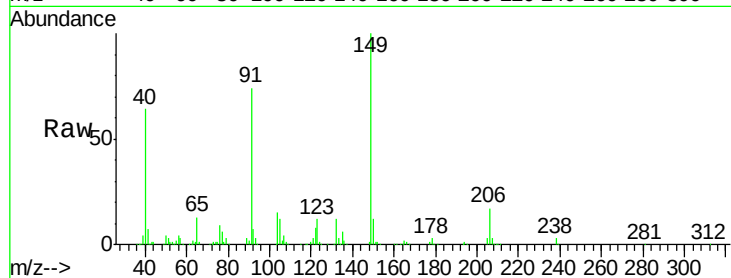




#79
Butylbenzylphthalate
Concen: 38.89 ng
RT: 15.60 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

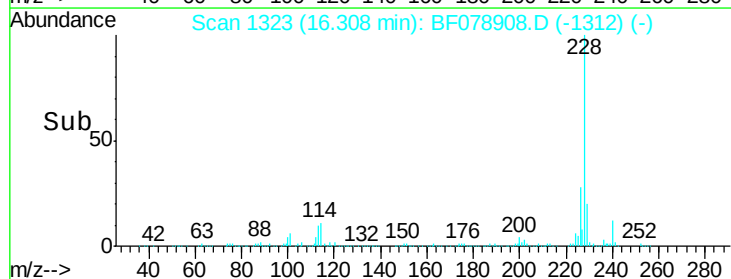
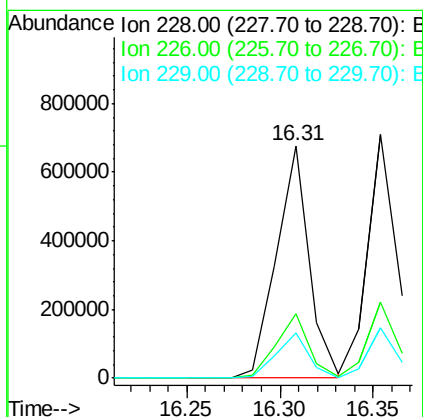
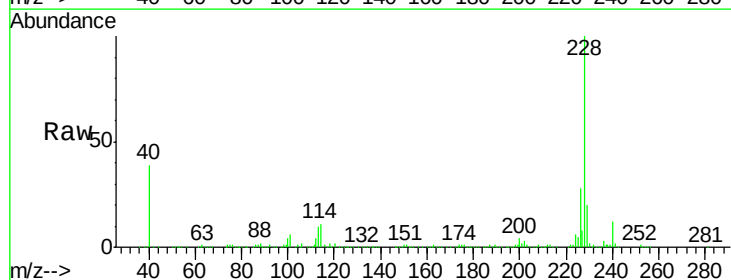
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

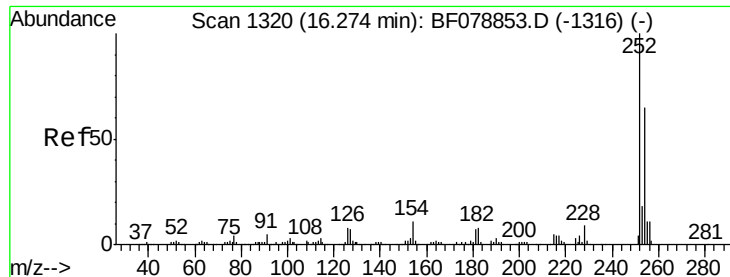
Tot Ion:149 Resp: 385854
Ion Ratio Lower Upper
149 100
91 74.4 64.6 97.0
206 17.5 12.2 18.4



#80
Benzo(a)anthracene
Concen: 38.08 ng
RT: 16.31 min Scan# 1323
Delta R.T. 0.02 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion:228 Resp: 821273
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.6 15.9 23.9

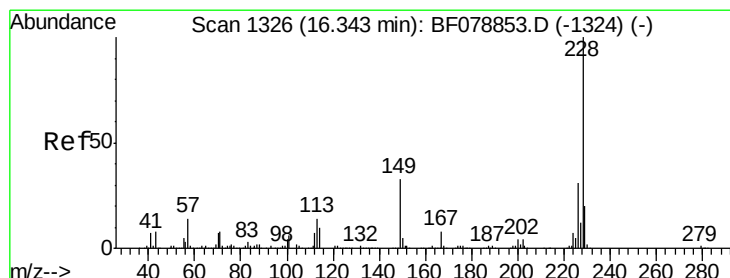
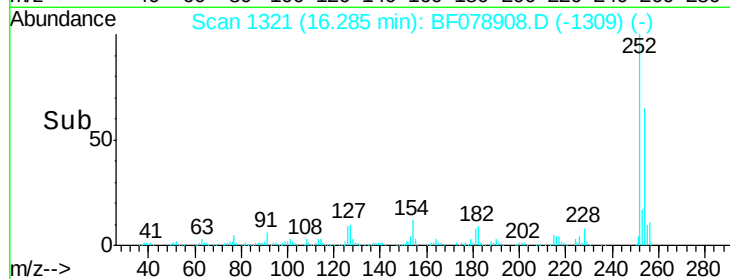
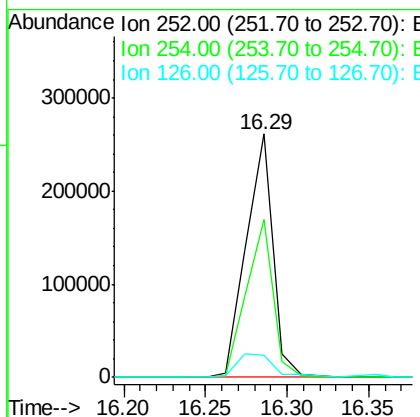
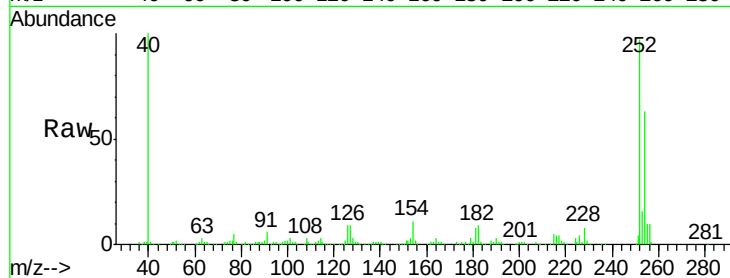




#81
 3,3'-Dichlorobenzidine
 Concen: 38.75 ng
 RT: 16.29 min Scan# 1321
 Delta R.T. 0.03 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

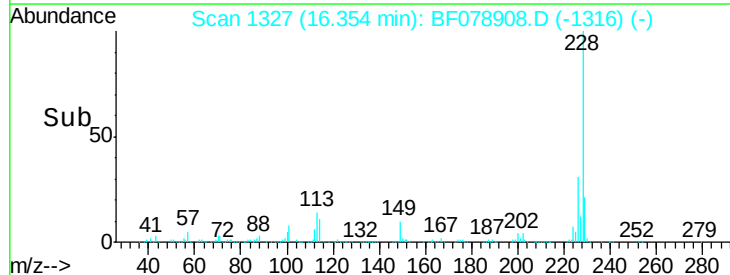
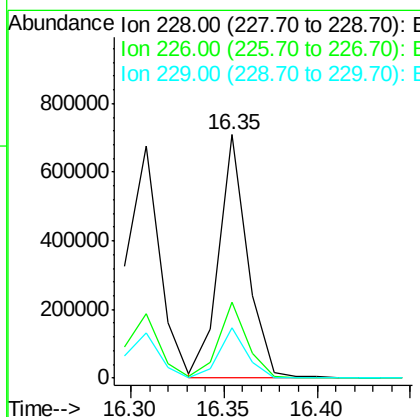
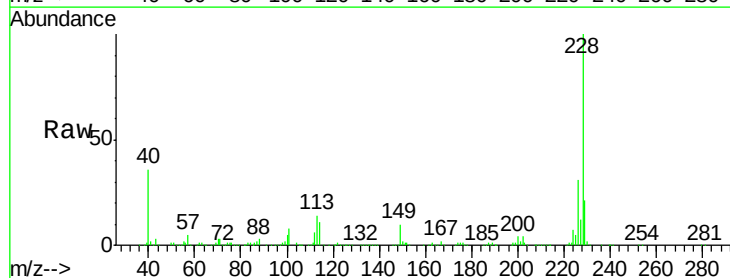
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

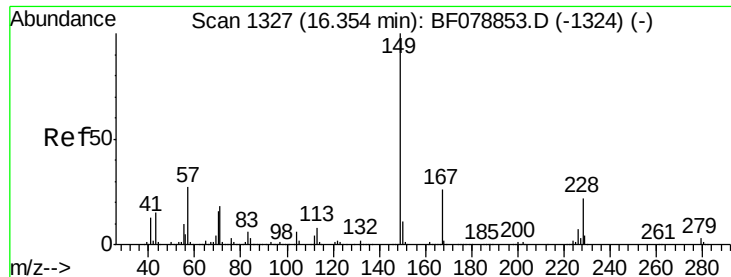
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	9.3	6.6	10.0



#82
 Chrysene
 Concen: 36.49 ng
 RT: 16.35 min Scan# 1327
 Delta R.T. 0.02 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.6	16.0	24.0

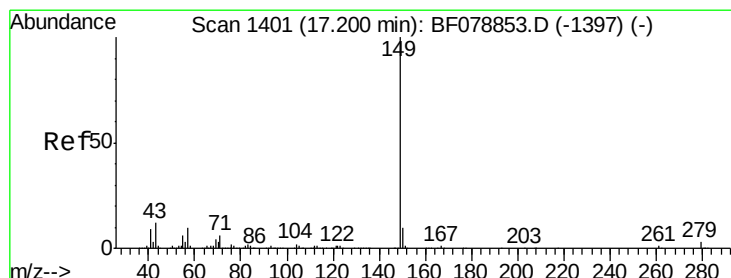
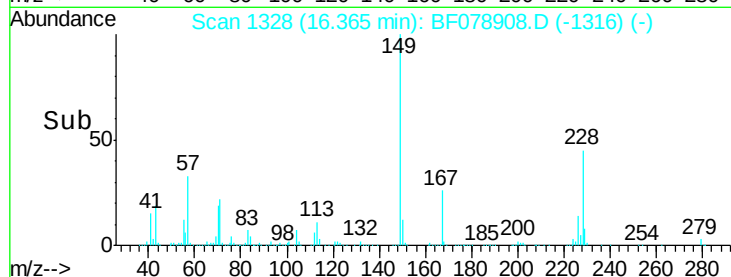
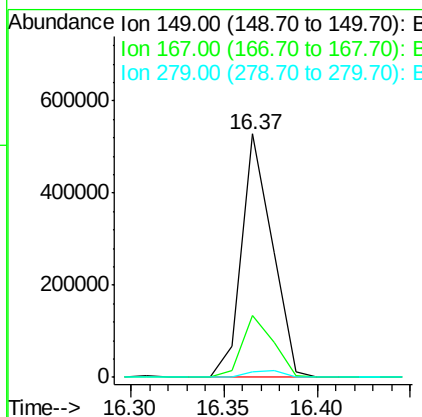
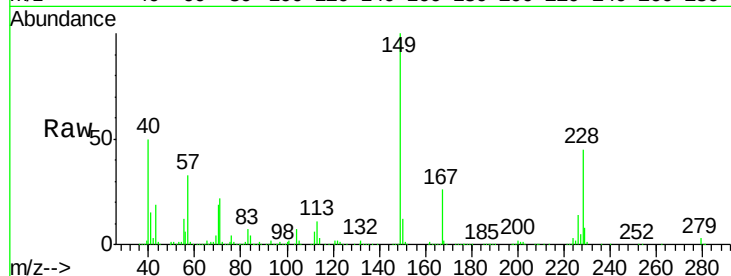




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.34 ng
 RT: 16.37 min Scan# 1328
 Delta R.T. 0.03 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

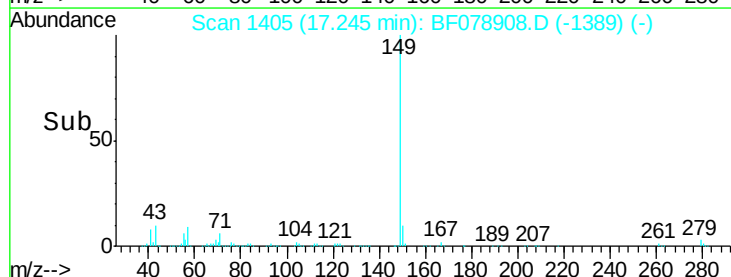
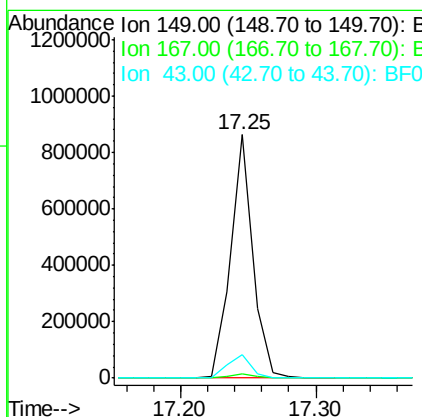
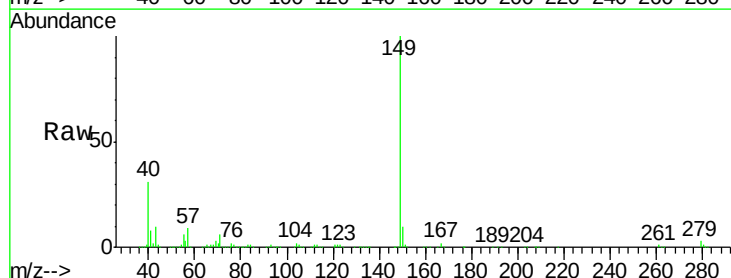
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

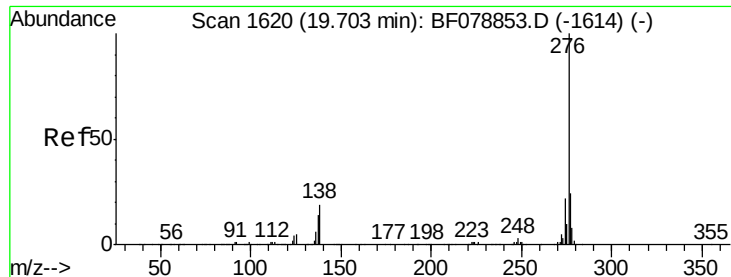
Tot Ion:149 Resp: 606233
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.8 32.8
 279 2.5 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 37.64 ng m
 RT: 17.25 min Scan# 1405
 Delta R.T. 0.08 min
 Lab File: BF078908.D
 Acq: 4 May 2015 9:48

Tgt Ion:149 Resp: 996085
 Ion Ratio Lower Upper
 149 100
 167 0.0 0.0 0.0
 43 0.0 0.0 0.0

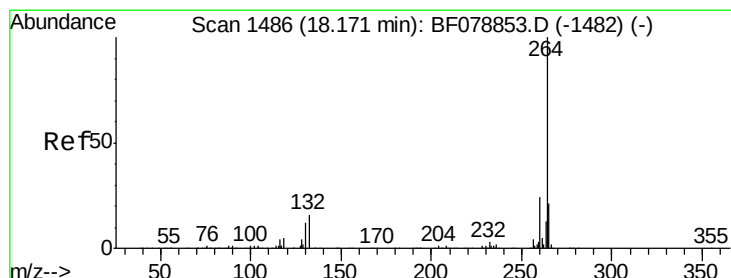
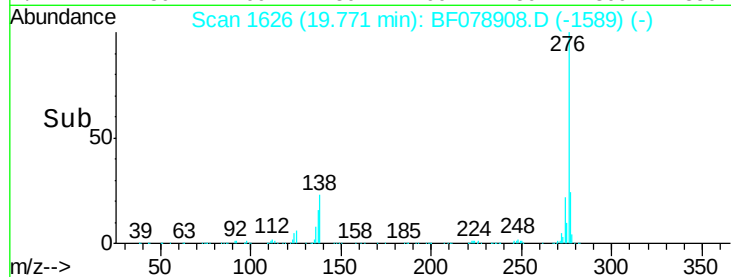
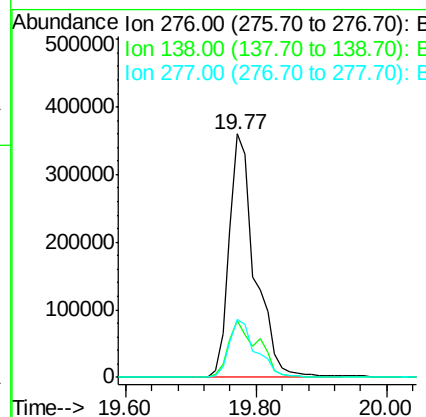
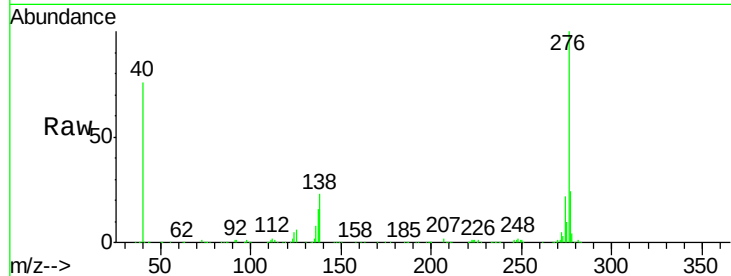




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.49 ng
RT: 19.77 min Scan# 1626
Delta R.T. 0.13 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

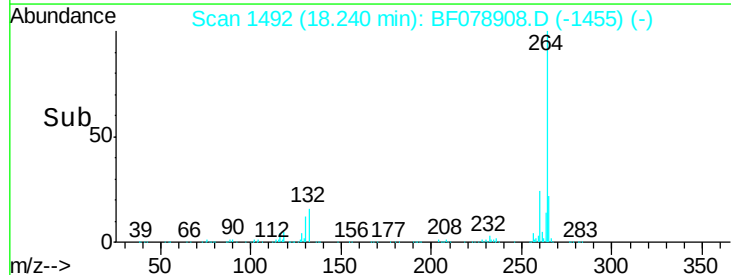
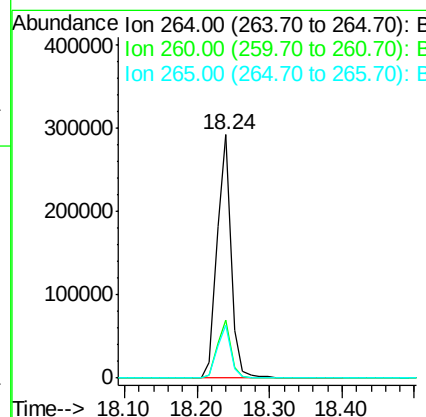
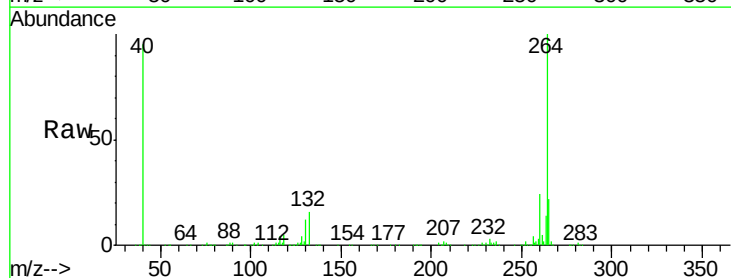
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

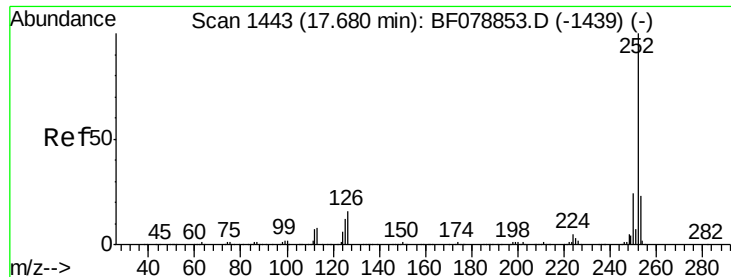
Tot Ion:276 Resp: 990905
Ion Ratio Lower Upper
276 100
138 27.0 0.0 0.0#
277 24.9 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.24 min Scan# 1492
Delta R.T. 0.13 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion:264 Resp: 394376
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.8 18.3 27.5

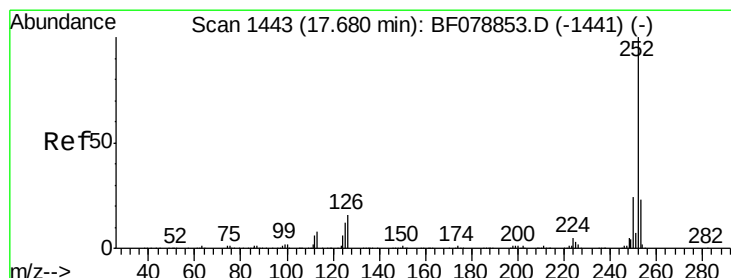
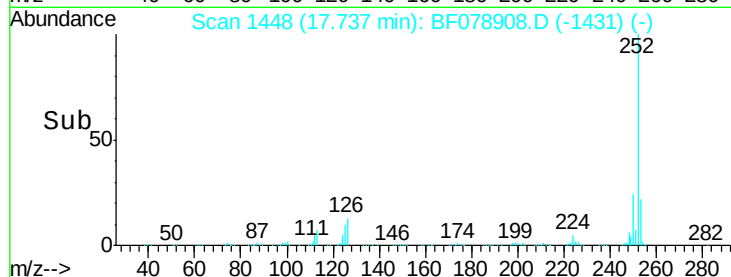
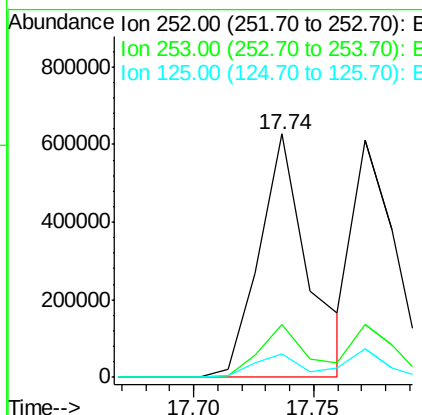
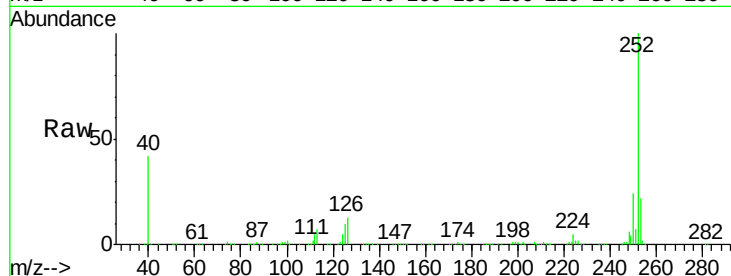




#87
Benzo(b)fluoranthene
Concen: 41.41 ng m
RT: 17.74 min Scan# 1448
Delta R.T. 0.09 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

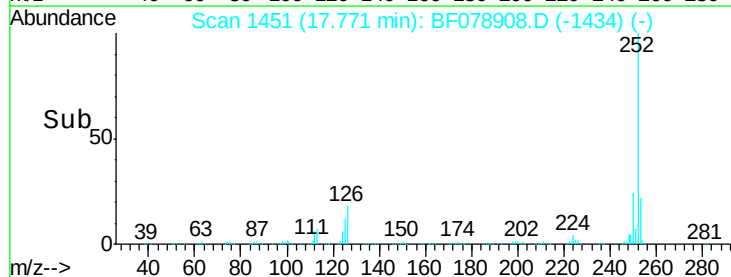
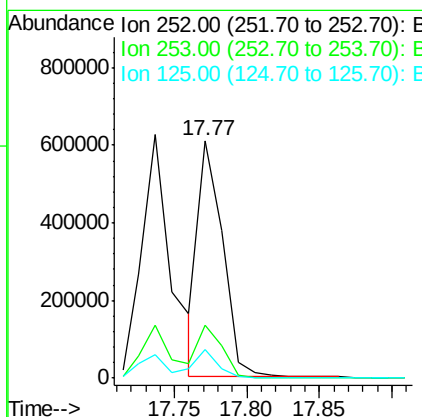
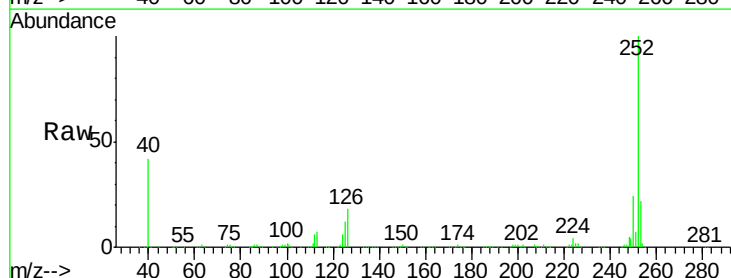
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

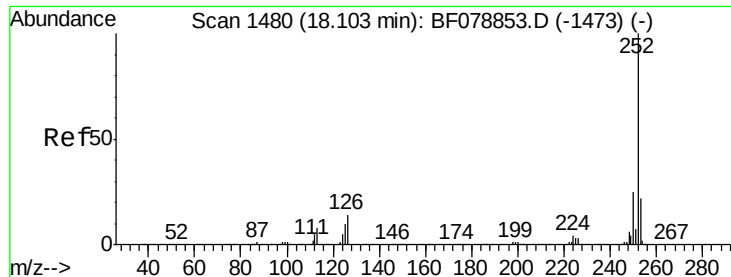
Tot Ion:252 Resp: 893938
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.7 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 34.32 ng
RT: 17.77 min Scan# 1451
Delta R.T. 0.09 min
Lab File: BF078908.D
Acq: 4 May 2015 9:48

Tgt Ion:252 Resp: 717293
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.8 10.0 15.0





#89

Benzo(a)pyrene

Concen: 38.34 ng

RT: 18.17 min Scan# 1486

Delta R.T. 0.13 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

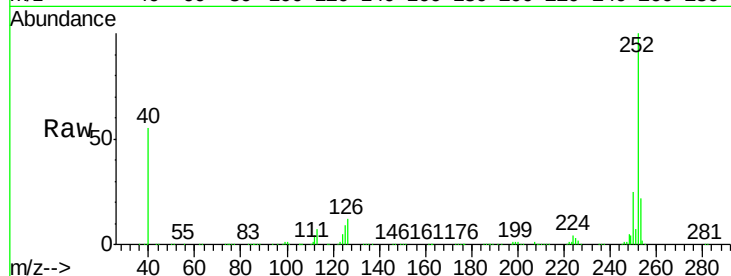
Tot Ion:252 Resp: 762044

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

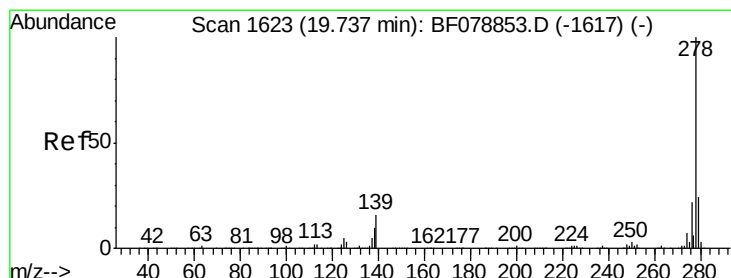
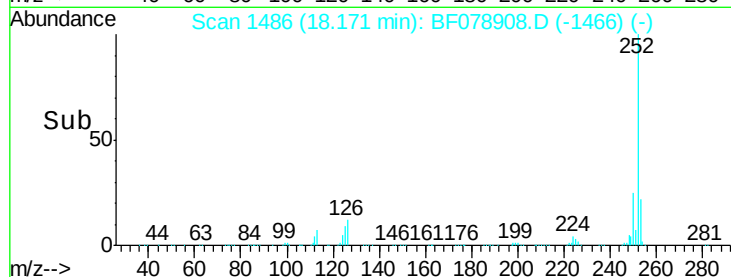
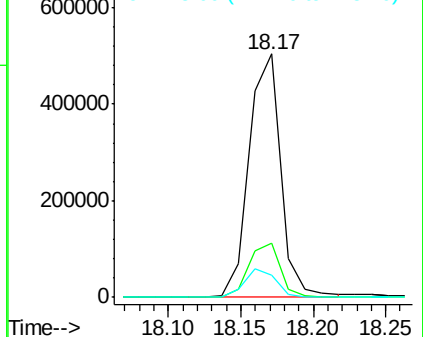
125 9.1 7.0 10.6



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



#90

Dibenzo(a,h)anthracene

Concen: 37.89 ng

RT: 19.81 min Scan# 1629

Delta R.T. 0.13 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

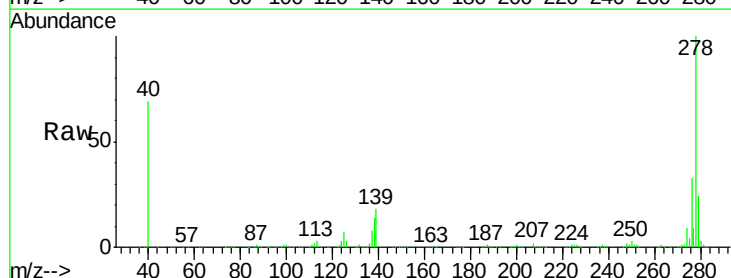
Tgt Ion:278 Resp: 800348

Ion Ratio Lower Upper

278 100

139 18.0 12.8 19.2

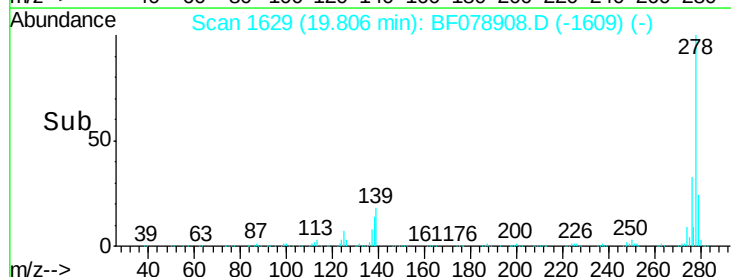
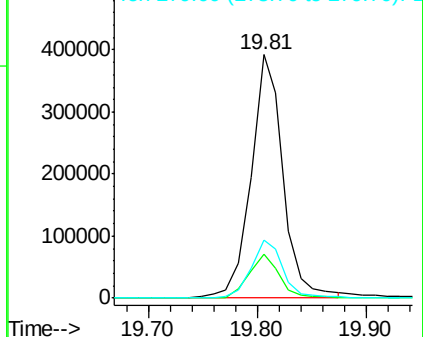
279 23.9 19.6 29.4

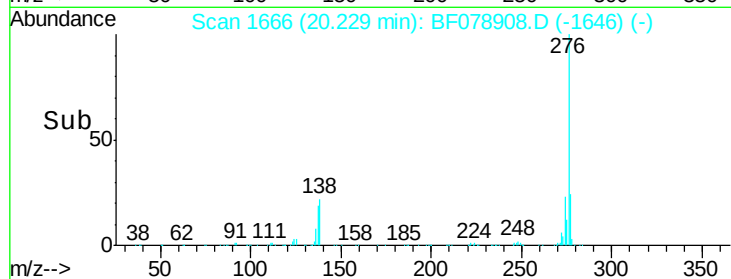
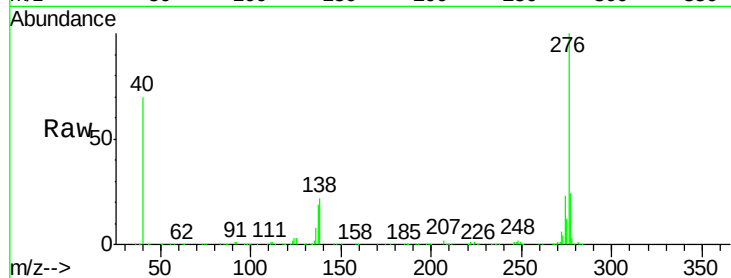
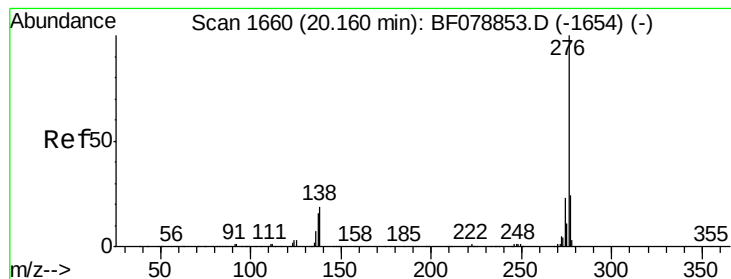


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.99 ng

RT: 20.23 min Scan# 1666

Delta R.T. 0.13 min

Lab File: BF078908.D

Acq: 4 May 2015 9:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 804305

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 22.1 17.4 26.0

