

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078911.D
 Acq On : 4 May 2015 11:39
 Operator : TP/IZ
 Sample : PB83092BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

Quant Time: May 05 01:32:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	73006	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	308661	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	145956	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	287795	20.00	ng	0.00
75) Chrysene-d12	16.32	240	292599	20.00	ng	0.00
86) Perylene-d12	18.23	264	295385	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	514009	121.19	ng	0.01
7) Phenol-d6	6.90	99	637796	113.77	ng	0.00
23) Nitrobenzene-d5	8.04	82	366625	68.26	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	201363	127.53	ng	0.00
44) 2-Fluorobiphenyl	10.29	172	801346	76.49	ng	0.00
78) Terphenyl-d14	14.96	244	947829	77.55	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	60197	32.64	ng	# 29
3) Pyridine	3.11	79	169551	31.42	ng	98
4) n-Nitrosodimethylamine	3.02	42	85339m	36.91	ng	
6) Aniline	6.95	93	154027	19.46	ng	98
8) 2-Chlorophenol	7.08	128	183273	38.10	ng	98
9) Benzaldehyde	6.81	77	43152	11.43	ng	91
10) Phenol	6.92	94	225362	34.65	ng	91
11) bis(2-Chloroethyl)ether	7.04	93	171380	35.95	ng	99
12) 1,3-Dichlorobenzene	7.28	146	191678	35.45	ng	97
13) 1,4-Dichlorobenzene	7.38	146	193484	34.77	ng	98
14) 1,2-Dichlorobenzene	7.56	146	185299	35.77	ng	98
15) Benzyl Alcohol	7.53	79	149014	35.81	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	267655	36.70	ng	99
17) 2-Methylphenol	7.67	107	146231	37.78	ng	96
18) Hexachloroethane	7.98	117	66472	34.68	ng	# 77
19) n-Nitroso-di-n-propylamine	7.86	70	132094	34.89	ng	98
20) 3+4-Methylphenols	7.86	107	191188	37.07	ng	91
22) Acetophenone	7.86	105	260220	37.32	ng	99
24) Nitrobenzene	8.07	77	191033	35.89	ng	98
25) Isophorone	8.36	82	343448	34.49	ng	99
26) 2-Nitrophenol	8.47	139	73030	33.14	ng	98
27) 2,4-Dimethylphenol	8.51	122	164619	37.34	ng	99
28) bis(2-Chloroethoxy)methane	8.65	93	226115	36.84	ng	99
29) 2,4-Dichlorophenol	8.75	162	153664	39.19	ng	98
30) 1,2,4-Trichlorobenzene	8.87	180	152525	35.41	ng	98
31) Naphthalene	8.96	128	534352	36.33	ng	99
32) Benzoic acid	8.62	122	82529	32.27	ng	84
33) 4-Chloroaniline	9.03	127	122190	19.63	ng	99
34) Hexachlorobutadiene	9.12	225	85812	34.60	ng	99
35) Caprolactam	9.45	113	47977	37.84	ng	95
36) 4-Chloro-3-methylphenol	9.63	107	158848	38.57	ng	86
37) 2-Methylnaphthalene	9.82	142	369879	36.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	147605	35.91	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	168341	81.44	ng	96

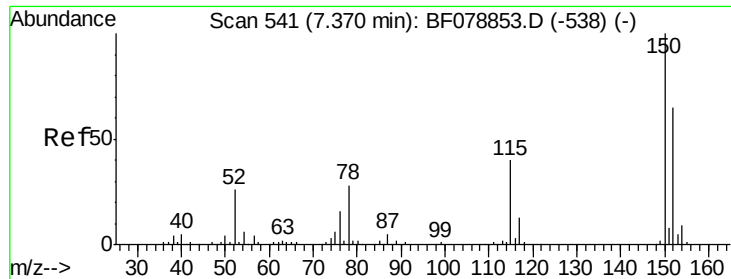
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078911.D
 Acq On : 4 May 2015 11:39
 Operator : TP/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	102116	36.13	nq	98
43) 2,4,5-Trichlorophenol	10.21	196	106533	37.29	nq	# 88
45) 1,1'-Biphenyl	10.40	154	443923	38.26	nq	99
46) 2-Chloronaphthalene	10.42	162	341972	37.78	nq	98
47) 2-Nitroaniline	10.55	65	98053	37.39	nq	94
48) Acenaphthylene	10.94	152	552948	37.21	nq	100
49) Dimethylphthalate	10.79	163	405476	37.85	nq	100
50) 2,6-Dinitrotoluene	10.86	165	79851	37.77	nq	96
51) Acenaphthene	11.15	154	330255	37.27	nq	97
52) 3-Nitroaniline	11.06	138	69921	26.48	nq	# 94
53) 2,4-Dinitrophenol	11.19	184	50764	65.05	nq	# 87
54) Dibenzofuran	11.37	168	503577	39.34	nq	97
55) 4-Nitrophenol	11.26	139	146827	70.25	nq	# 72
56) 2,4-Dinitrotoluene	11.35	165	107708	38.54	nq	97
57) Fluorene	11.79	166	400384	38.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	86530	37.06	nq	# 100
59) Diethylphthalate	11.67	149	417448	39.34	nq	99
60) 4-Chlorophenyl-phenylether	11.81	204	174738	37.49	nq	94
61) 4-Nitroaniline	11.82	138	97022	36.72	nq	96
62) Azobenzene	12.00	77	415961	39.78	nq	94
64) 4,6-Dinitro-2-methylphenol	11.85	198	37091	34.85	nq	97
65) n-Nitrosodiphenylamine	11.94	169	339272	35.40	nq	98
66) 4-Bromophenyl-phenylether	12.41	248	110635	36.88	nq	93
67) Hexachlorobenzene	12.47	284	125974	36.74	nq	# 91
68) Atrazine	12.62	200	103613	37.18	nq	97
69) Pentachlorophenol	12.72	266	130152	66.17	nq	98
70) Phenanthrene	12.98	178	573020	35.59	nq	99
71) Anthracene	13.05	178	587491	37.19	nq	100
72) Carbazole	13.26	167	577922	38.39	nq	98
73) Di-n-butylphthalate	13.70	149	660994	36.61	nq	99
74) Fluoranthene	14.47	202	621863	37.07	nq	95
76) Benzidine	14.64	184	191552	24.29	nq	99
77) Pyrene	14.75	202	654152	38.80	nq	100
79) Butylbenzylphthalate	15.60	149	282308	38.30	nq	# 80
80) Benzo(a)anthracene	16.30	228	617325	38.53	nq	99
81) 3,3'-Dichlorobenzidine	16.27	252	162180	28.42	nq	# 98
82) Chrysene	16.35	228	568598	36.90	nq	98
83) Bis(2-ethylhexyl)phthalate	16.37	149	427035	38.25	nq	98
84) Di-n-octyl phthalate	17.23	149	708281	36.02	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.76	276	706907	36.00	nq	# 100
87) Benzo(b)fluoranthene	17.73	252	626998	38.78	nq	99
88) Benzo(k)fluoranthene	17.76	252	566989	36.22	nq	99
89) Benzo(a)pyrene	18.16	252	580635	39.00	nq	100
90) Dibenzo(a,h)anthracene	19.79	278	576516	36.44	nq	98
91) Benzo(g,h,i)perylene	20.22	276	587999	37.08	nq	98

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

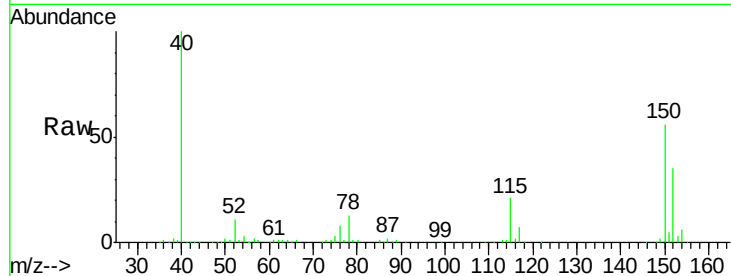


#1

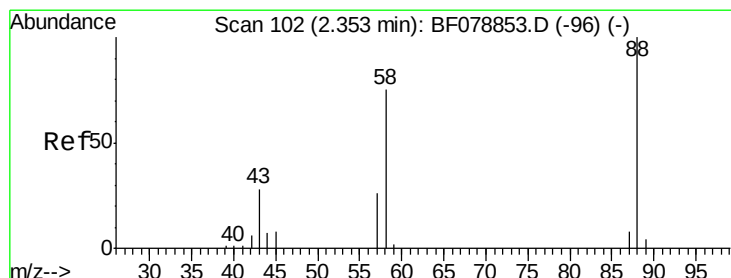
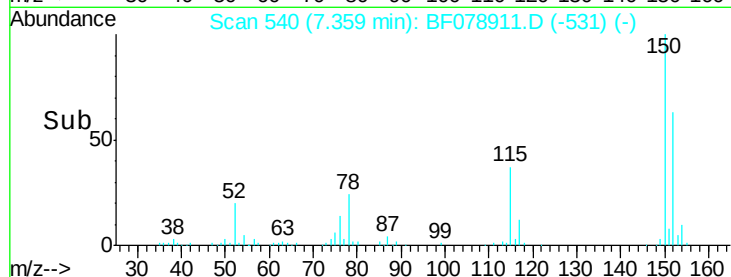
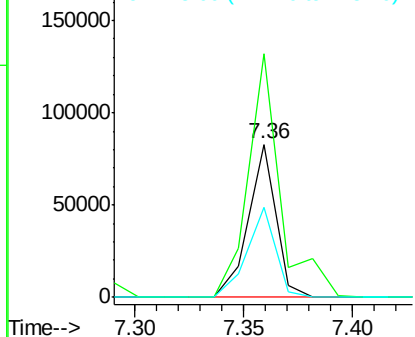
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Instrument :
BNA_F
ClientSampleId :
PB83092BS

Tot Ion:152 Resp: 73006
Ion Ratio Lower Upper
152 100
150 158.8 122.0 183.0
115 59.1 46.3 69.5



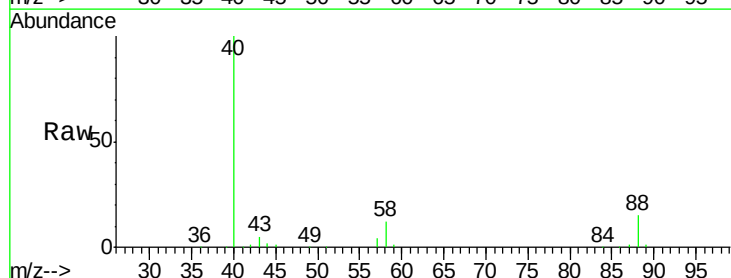
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



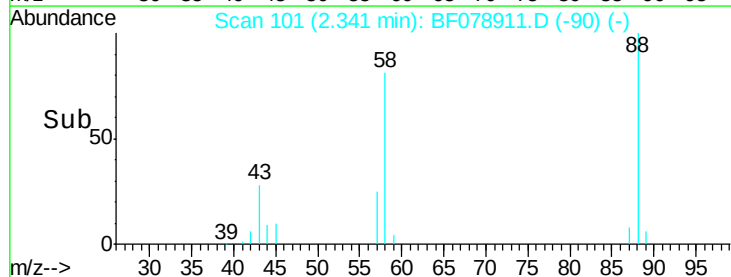
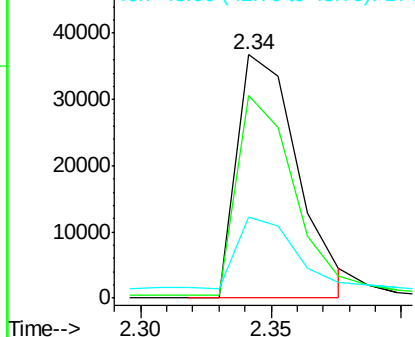
#2

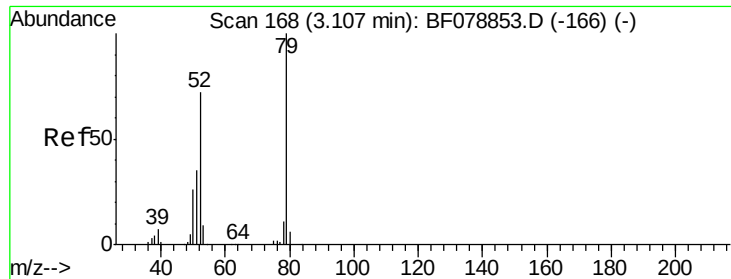
1,4-Dioxane
Concen: 32.64 ng
RT: 2.34 min Scan# 101
Delta R.T. 0.02 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion: 88 Resp: 60197
Ion Ratio Lower Upper
88 100
58 76.9 0.0 0.0#
43 27.4 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

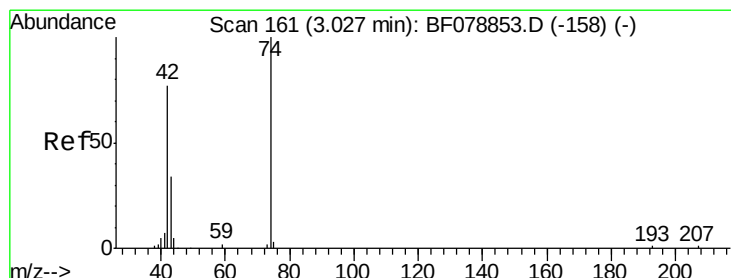
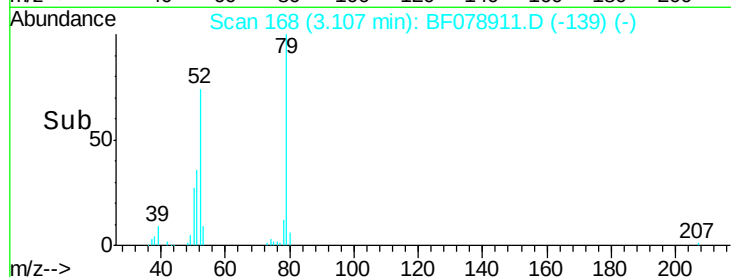
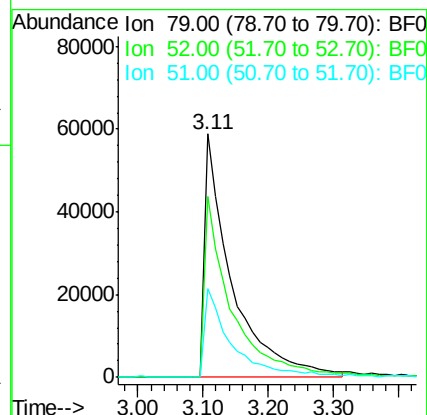
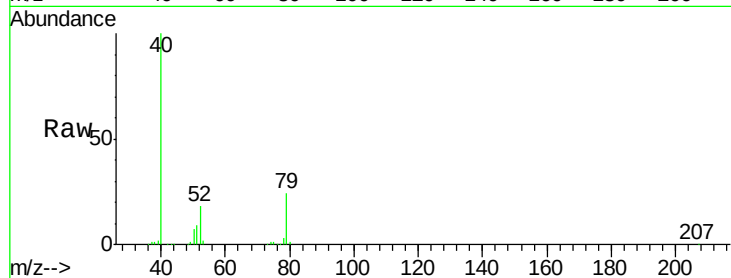




#3
 Pvridine
 Concen: 31.42 ng
 RT: 3.11 min Scan# 168
 Delta R.T. 0.03 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

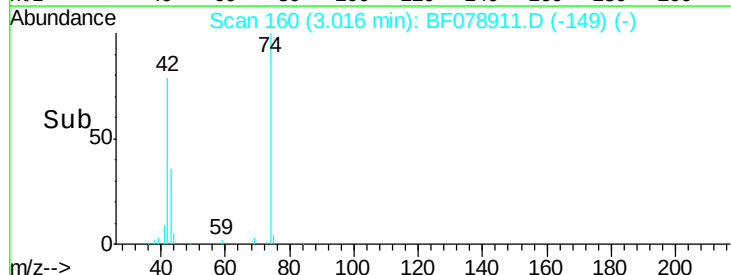
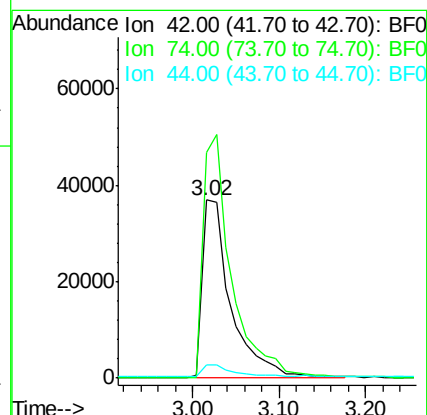
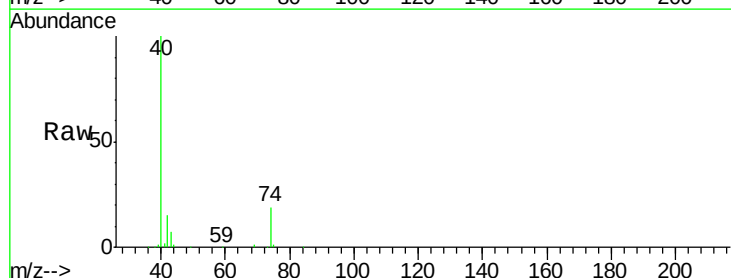
Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

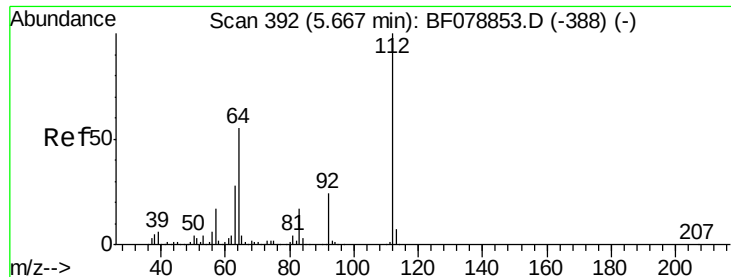
Tot Ion: 79 Resp: 169551
 Ion Ratio Lower Upper
 79 100
 52 74.2 57.2 85.8
 51 36.3 28.9 43.3



#4
 n-Nitrosodimethylamine
 Concen: 36.91 ng m
 RT: 3.02 min Scan# 160
 Delta R.T. 0.02 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion: 42 Resp: 85339
 Ion Ratio Lower Upper
 42 100
 74 127.0 96.5 144.7
 44 7.7 6.1 9.1





#5

2-Fluorophenol

Concen: 121.19 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

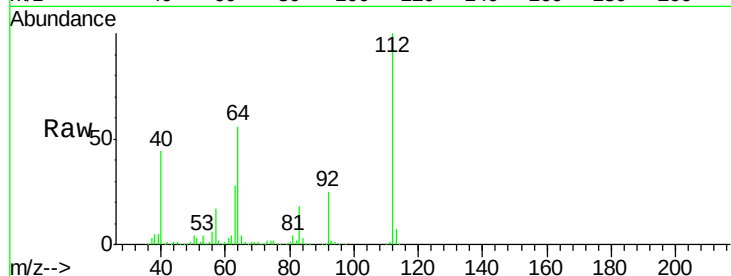
Tot Ion:112 Resp: 514009

Ion Ratio Lower Upper

112 100

64 56.2 53.5 80.3

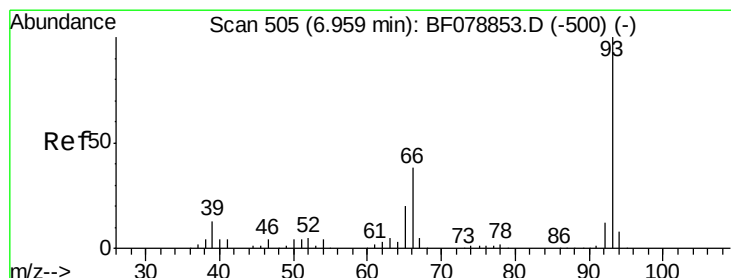
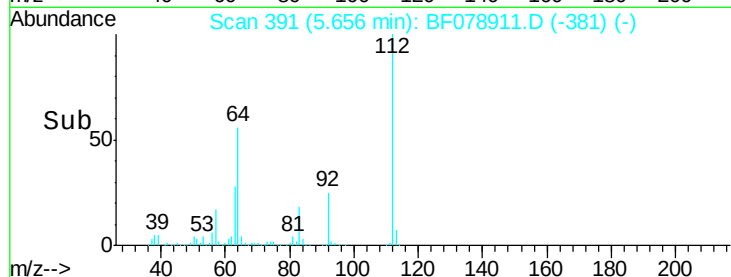
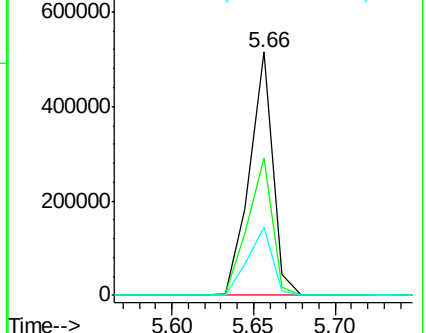
63 28.0 27.5 41.3



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: 19.46 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

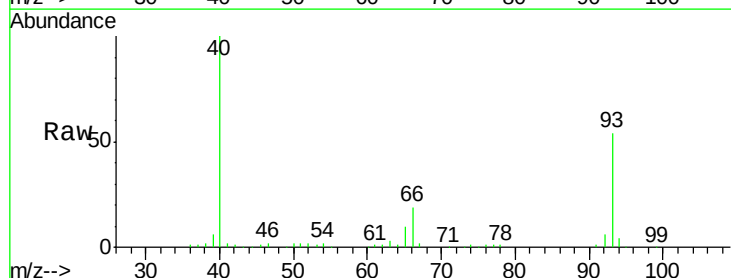
Tgt Ion: 93 Resp: 154027

Ion Ratio Lower Upper

93 100

66 35.7 29.7 44.5

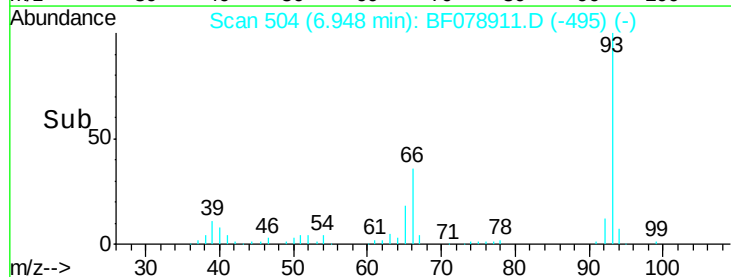
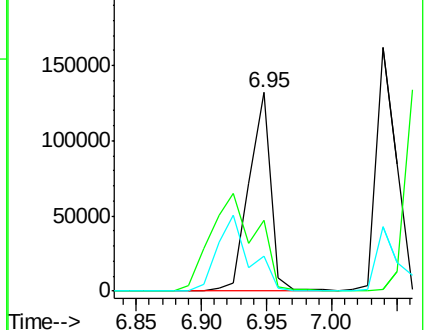
65 17.6 14.6 22.0

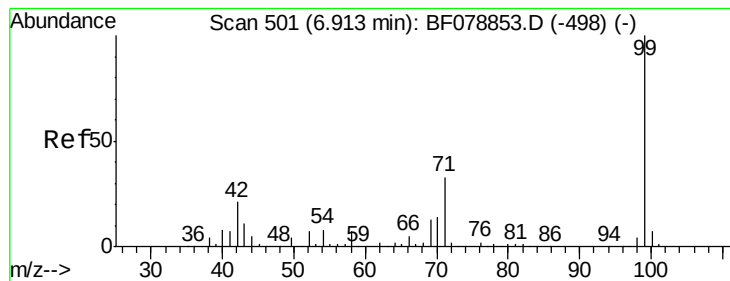


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.77 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

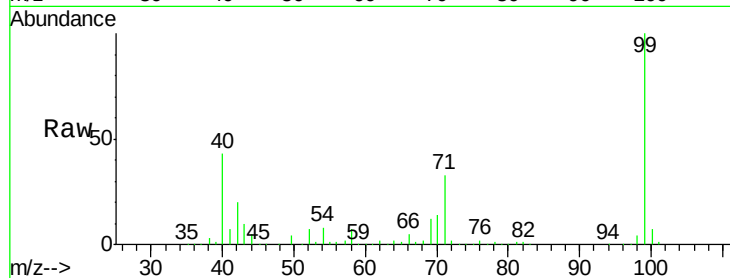
Tot Ion: 99 Resp: 637796

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

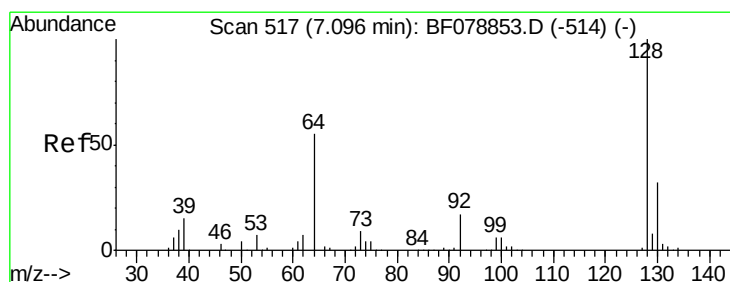
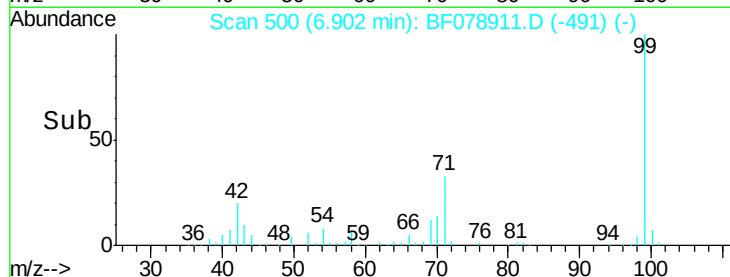
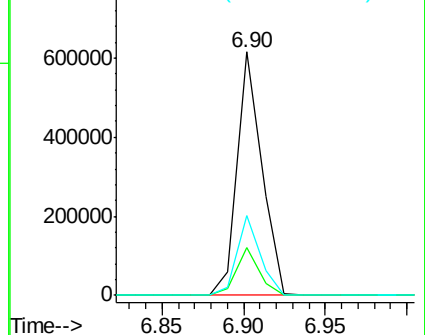
71 32.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.10 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

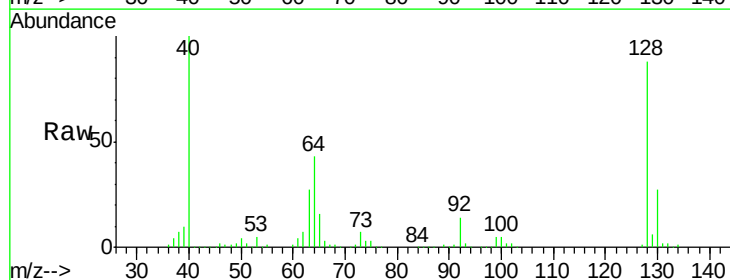
Tgt Ion: 128 Resp: 183273

Ion Ratio Lower Upper

128 100

130 31.0 12.1 52.1

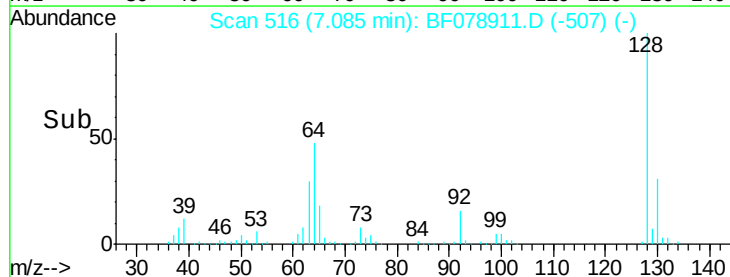
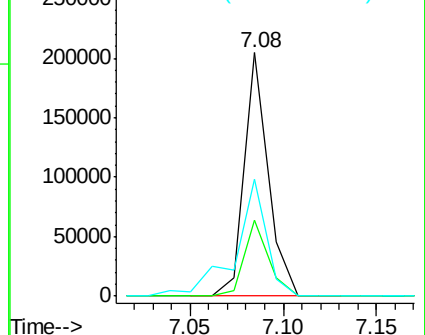
64 48.3 29.6 69.6

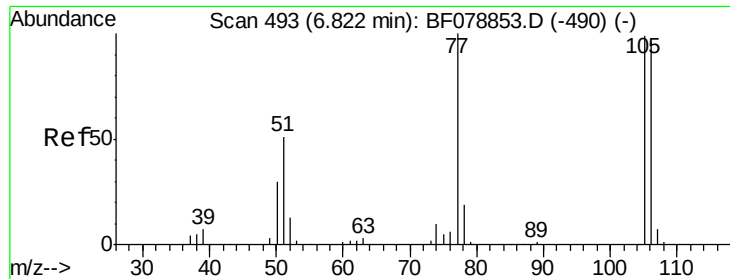


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.43 ng

RT: 6.81 min Scan# 492

Delta R.T. 0.00 min

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Acq: 4 May 2015 11:39

Instrument :

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ClientSampleID :

PB83092BS

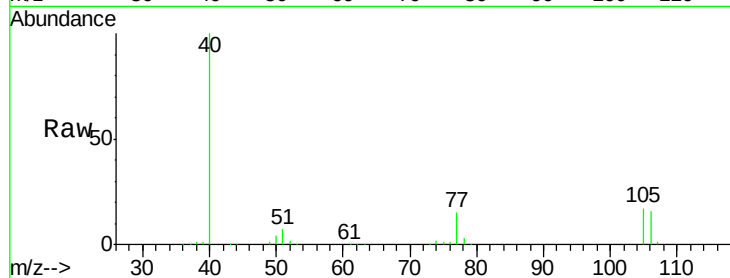
Tot Ion: 77 Resp: 43152

Ion Ratio Lower Upper

77 100

105 111.7 81.7 121.7

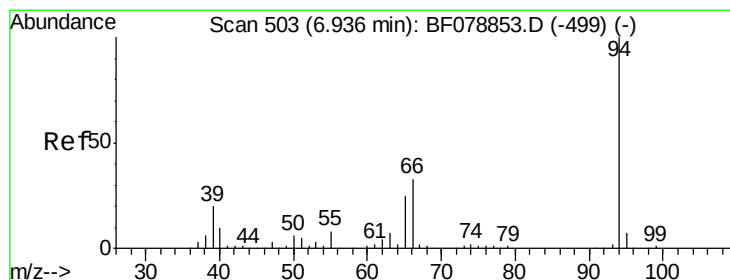
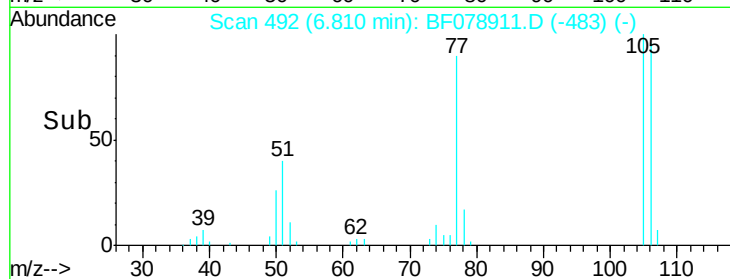
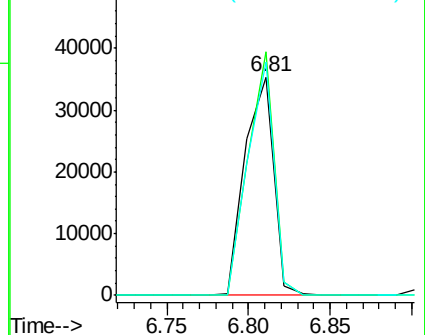
106 106.8 79.0 119.0



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: 34.65 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

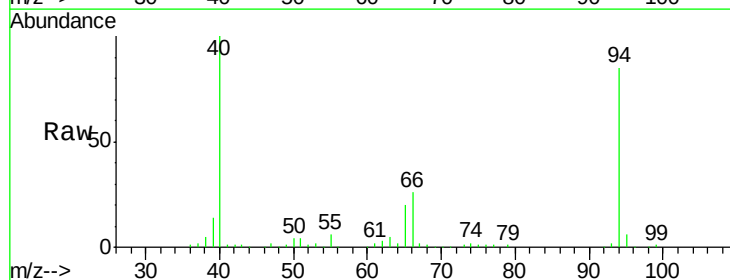
Tgt Ion: 94 Resp: 225362

Ion Ratio Lower Upper

94 100

65 23.8 8.5 48.5

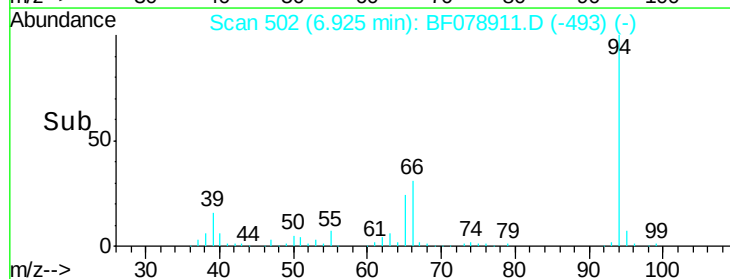
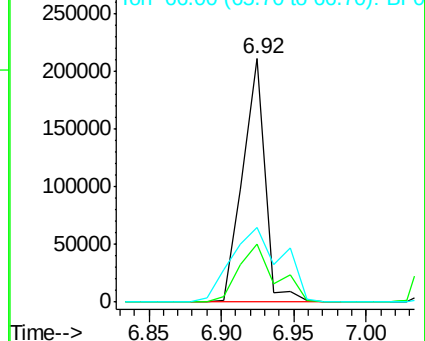
66 30.9 16.0 56.0

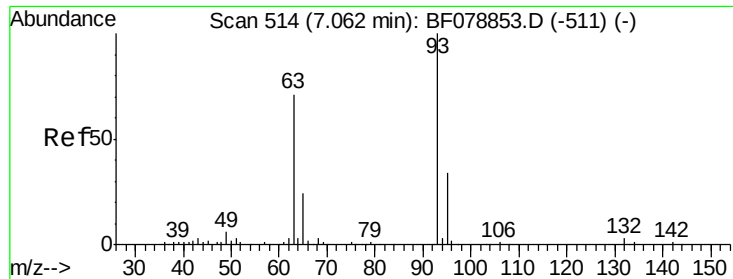


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

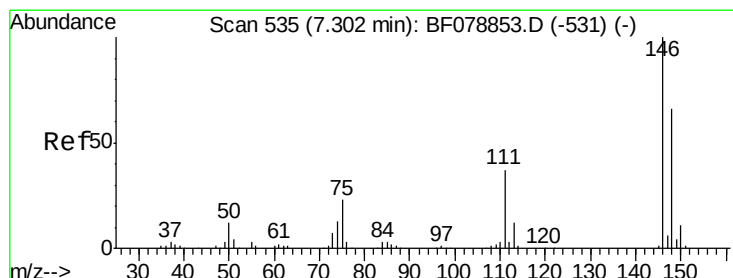
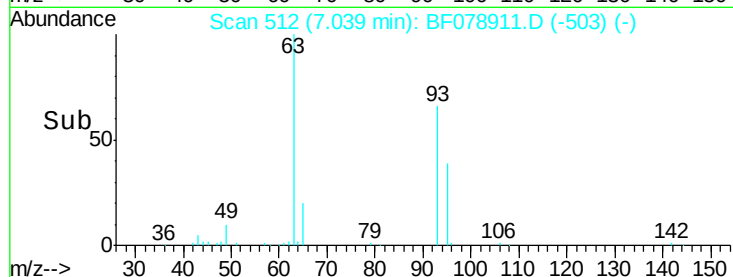
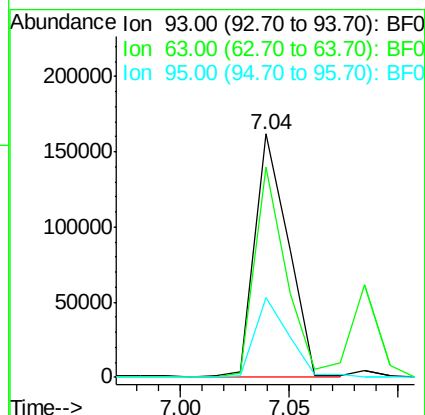
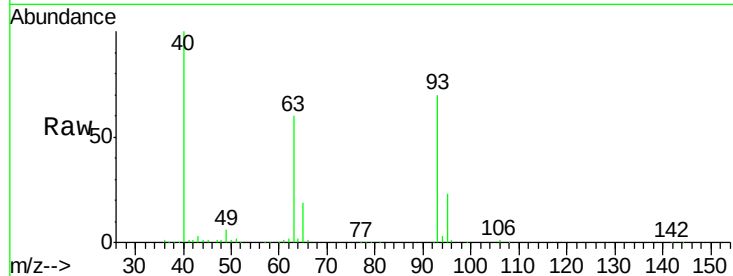




#11
bis(2-Chloroethyl)ether
Concen: 35.95 ng
RT: 7.04 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

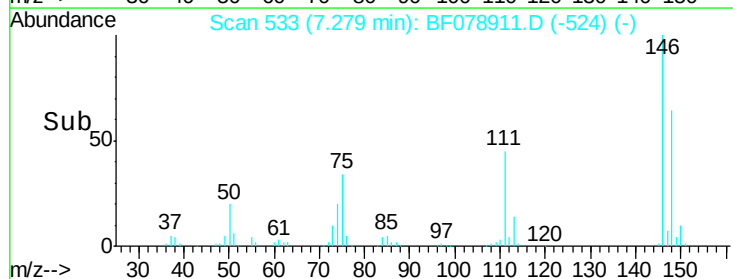
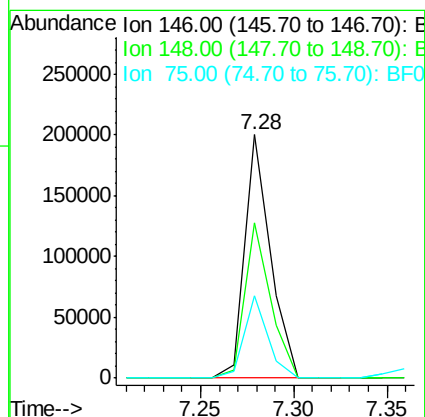
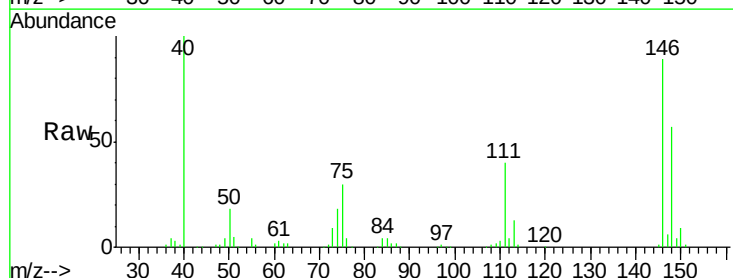
Instrument :
BNA_F
ClientSampleId :
PB83092BS

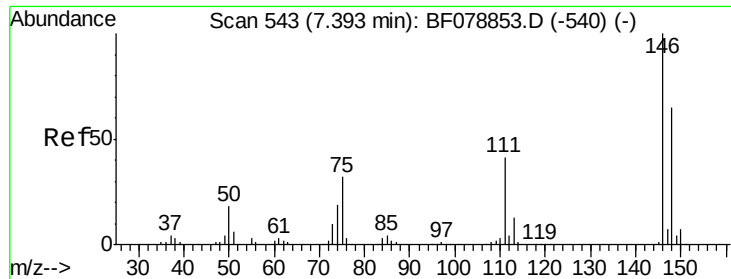
Tot Ion: 93 Resp: 171380
Ion Ratio Lower Upper
93 100
63 86.6 64.8 104.8
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 35.45 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion: 146 Resp: 191678
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.2
75 33.8 29.2 43.8

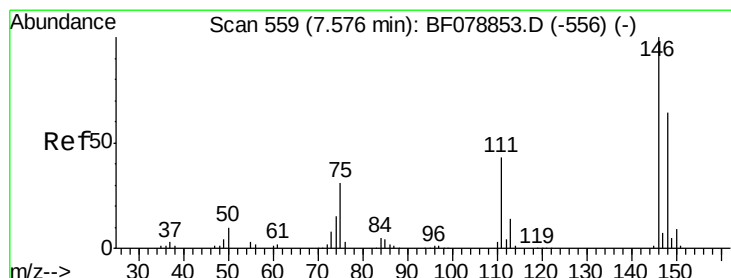
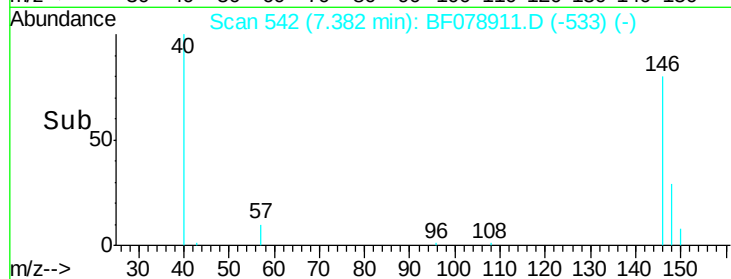
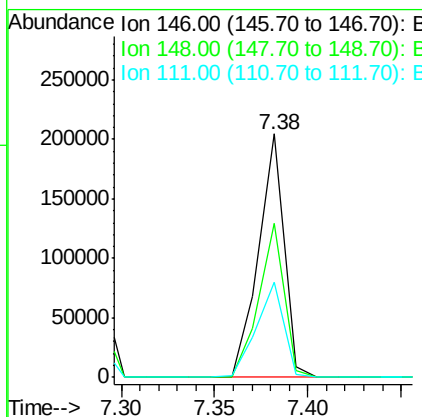
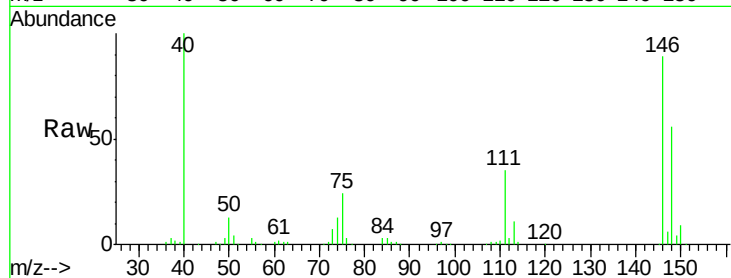




#13
 1,4-Dichlorobenzene
 Concen: 34.77 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

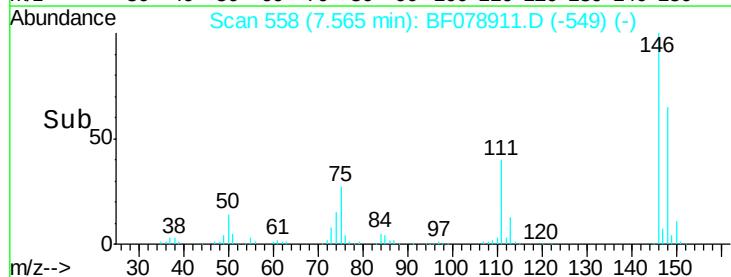
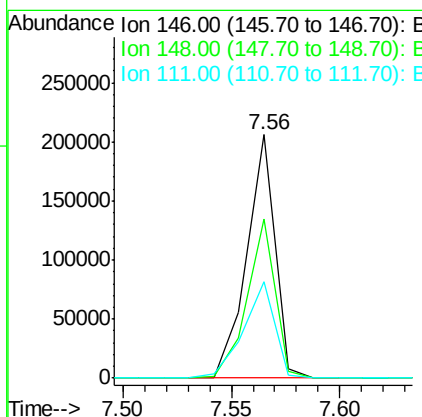
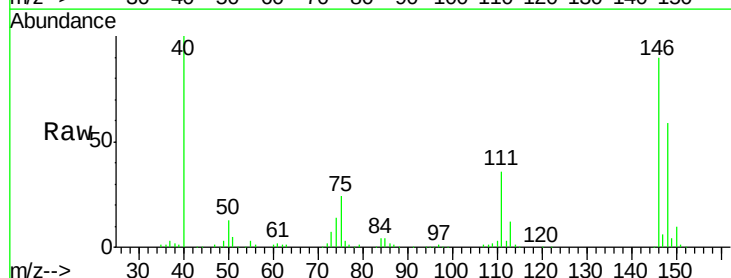
Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

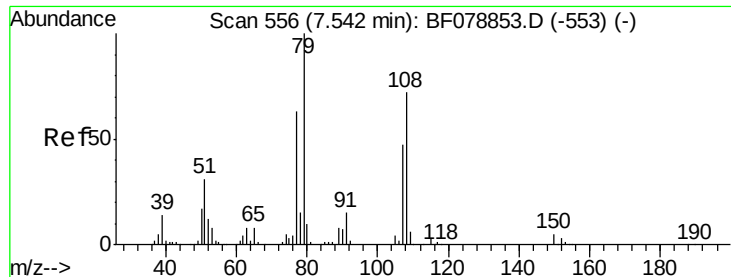
Tot Ion:146 Resp: 193484
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.8 79.2
 111 39.3 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 35.77 ng
 RT: 7.56 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion:146 Resp: 185299
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.2 76.8
 111 39.7 33.3 49.9





#15

Benzyl Alcohol

Concen: 35.81 ng

RT: 7.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

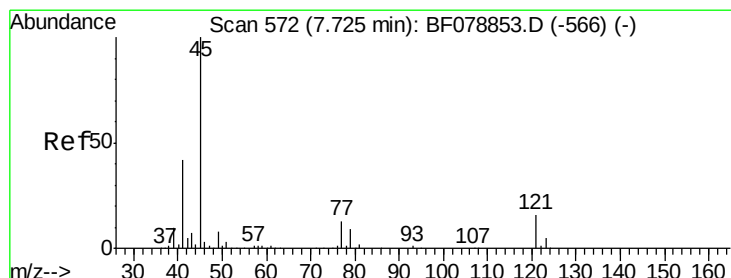
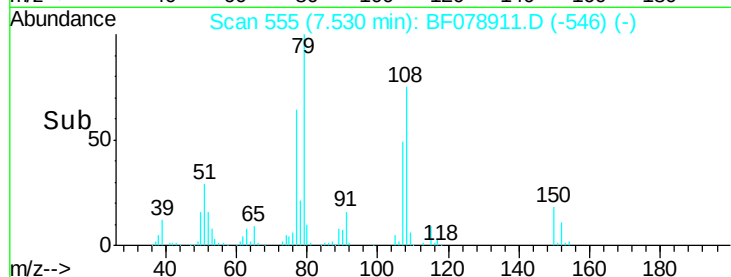
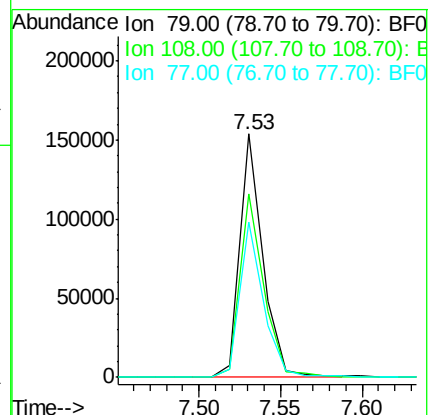
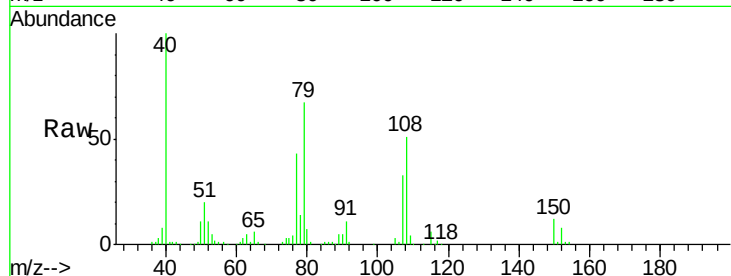
Tot Ion: 79 Resp: 149014

Ion Ratio Lower Upper

79 100

108 75.3 62.5 93.7

77 64.0 52.2 78.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.70 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

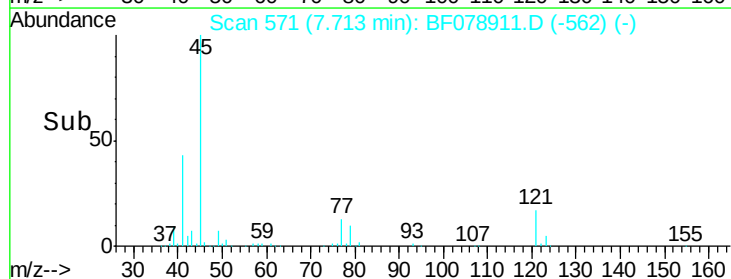
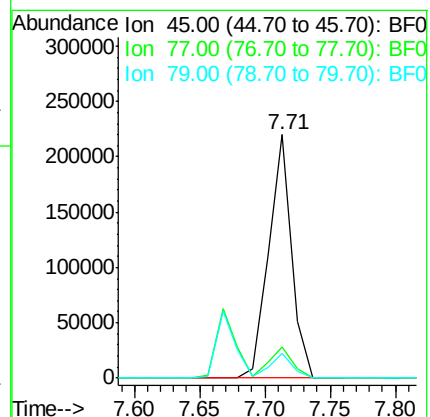
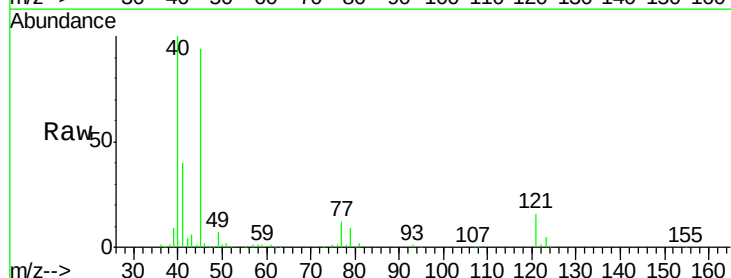
Tgt Ion: 45 Resp: 267655

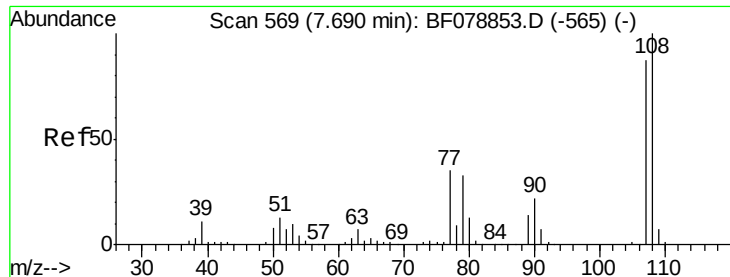
Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.3

79 10.0 0.0 30.1





#17

2-Methylphenol

Concen: 37.78 ng

RT: 7.67 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

Tot Ion:107 Resp: 146231

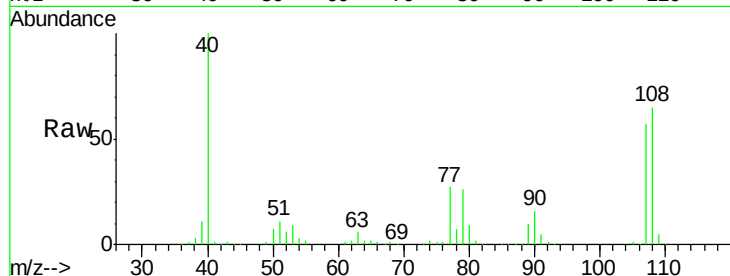
Ion Ratio Lower Upper

107 100

108 114.0 94.9 142.3

77 47.2 36.2 54.4

79 45.7 35.2 52.8

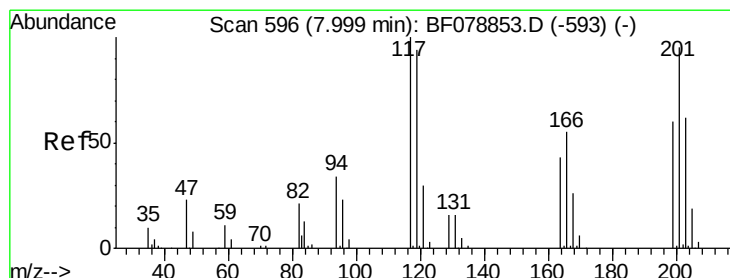
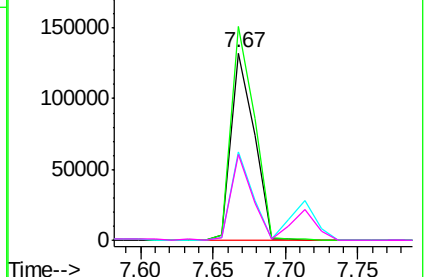
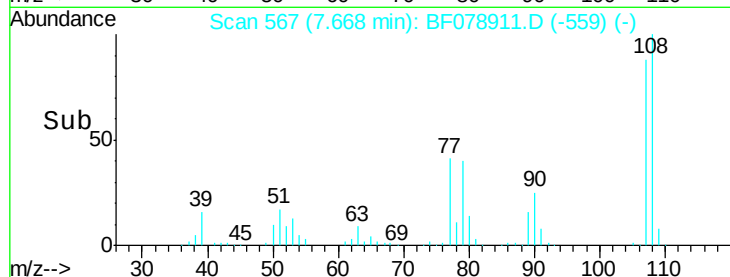


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.68 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

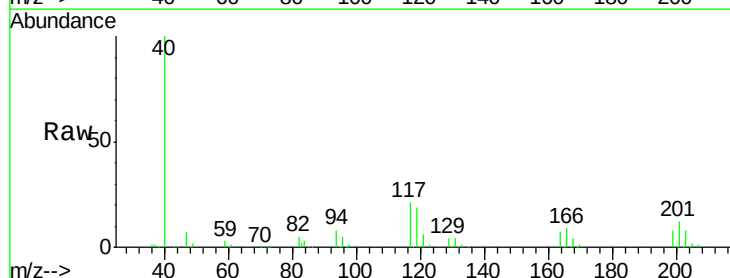
Tgt Ion:117 Resp: 66472

Ion Ratio Lower Upper

117 100

119 93.6 75.4 113.0

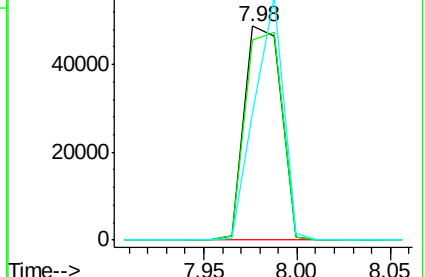
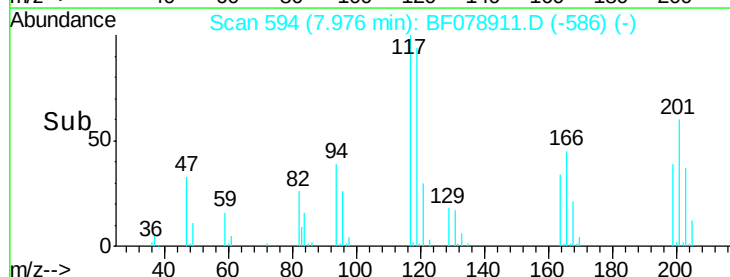
201 59.7 83.2 124.8#

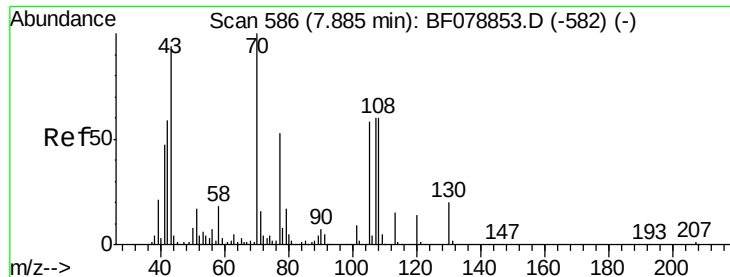


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

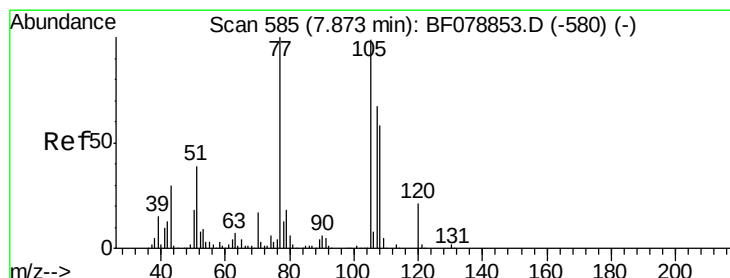
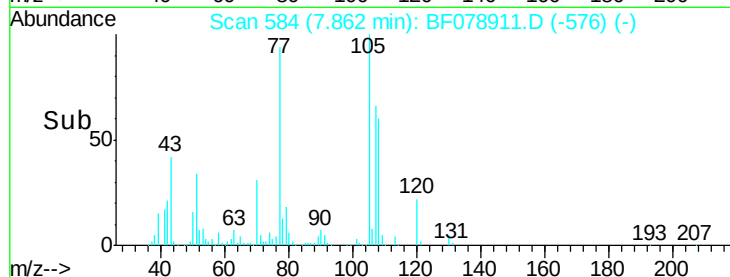
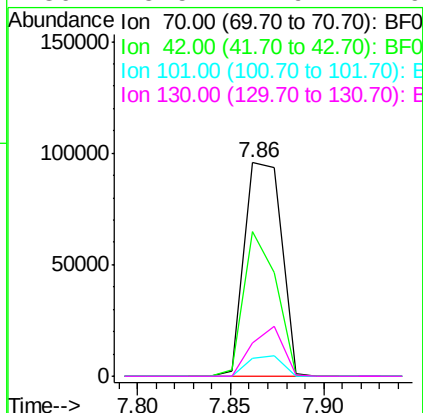
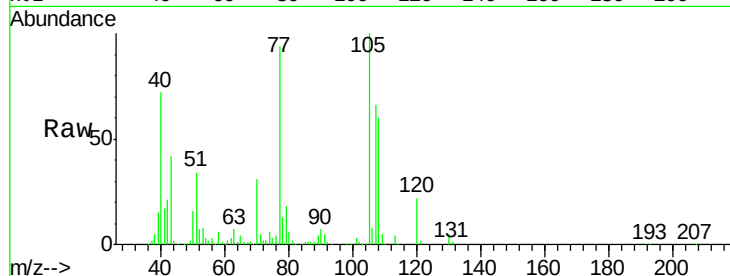




#19
n-Nitroso-di-n-propylamine
Concen: 34.89 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

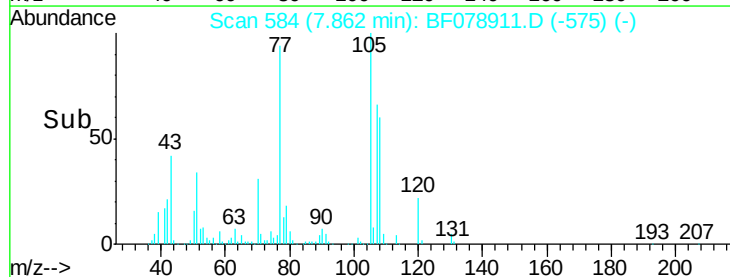
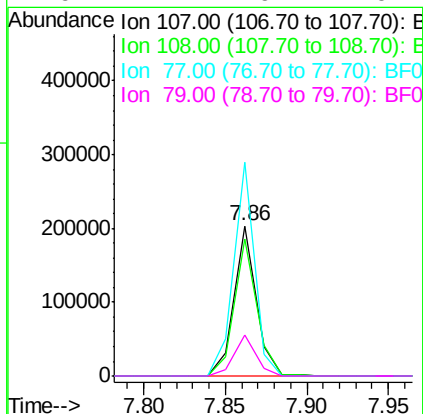
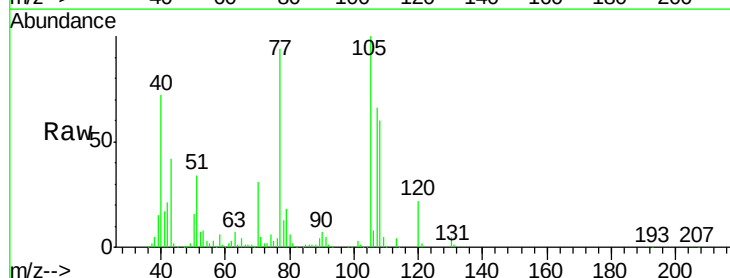
Instrument :
BNA_F
ClientSampleId :
PB83092BS

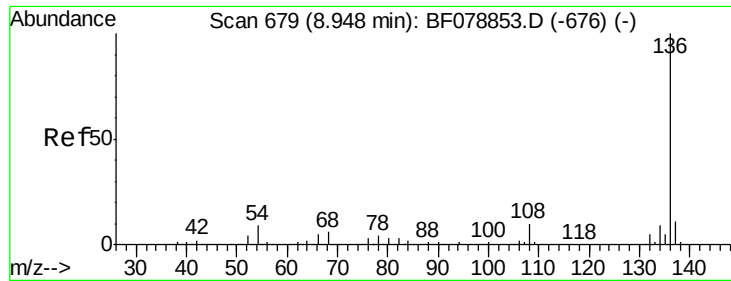
Tot Ion:	70	Resp:	132094
Ion	Ratio	Lower	Upper
70	100		
42	67.7	55.4	83.0
101	8.1	6.6	10.0
130	15.5	11.9	17.9



#20
3+4-Methylphenols
Concen: 37.07 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion:	107	Resp:	191188
Ion	Ratio	Lower	Upper
107	100		
108	91.2	76.9	116.9
77	142.2	136.8	176.8
79	27.2	9.7	49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

Tot Ion:136 Resp: 308661

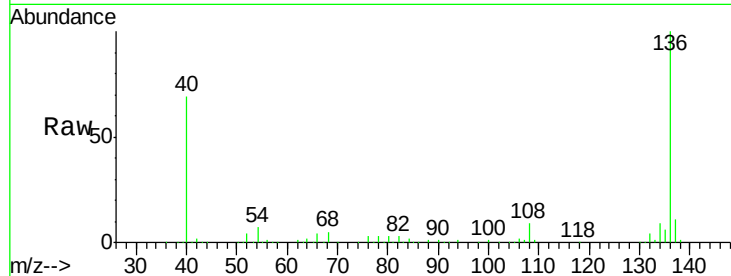
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.8 5.8 8.8

68 5.3 4.2 6.4

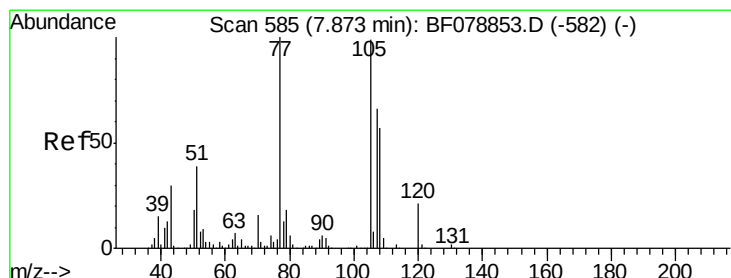
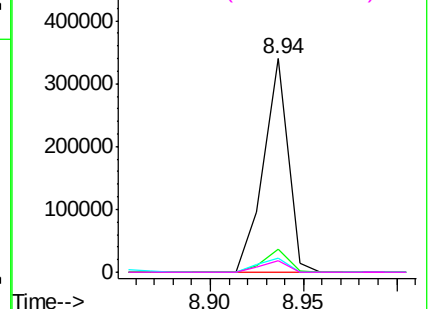
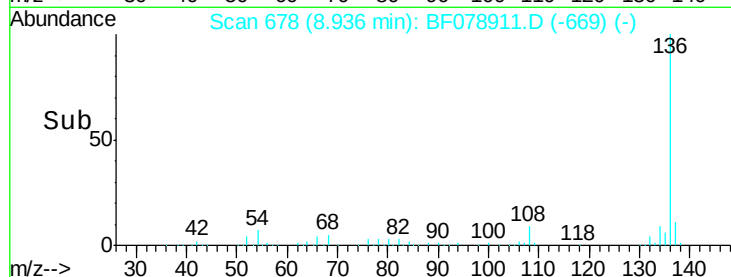


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.32 ng

RT: 7.86 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Tgt Ion:105 Resp: 260220

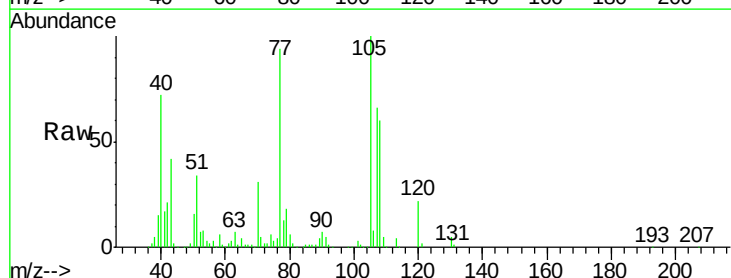
Ion Ratio Lower Upper

105 100

71 5.1 4.6 6.8

51 34.5 26.7 40.1

120 21.8 17.4 26.0

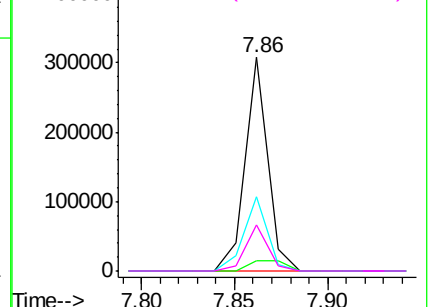
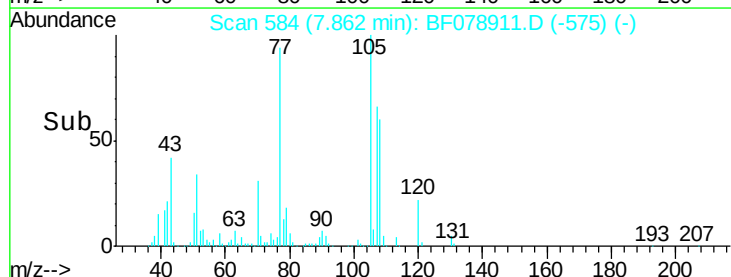


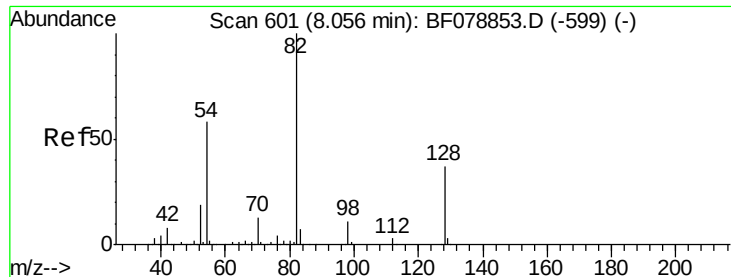
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

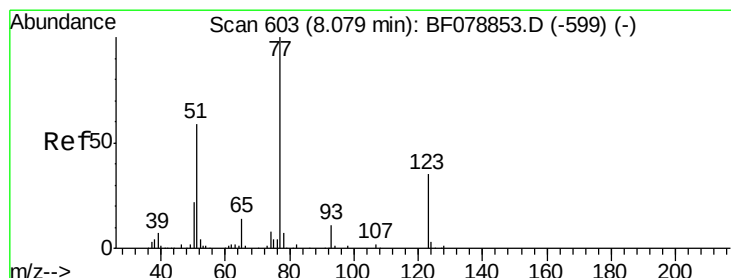
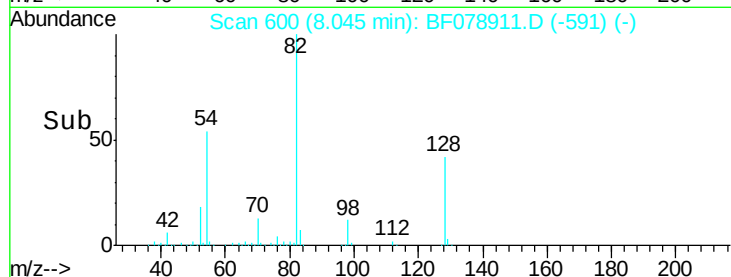
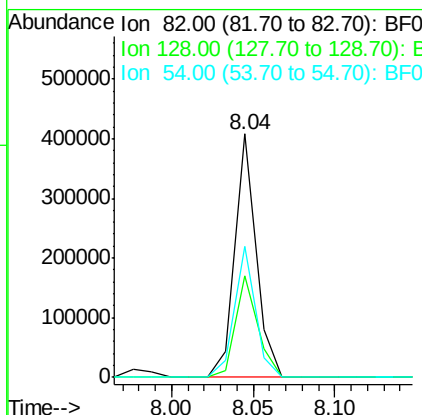
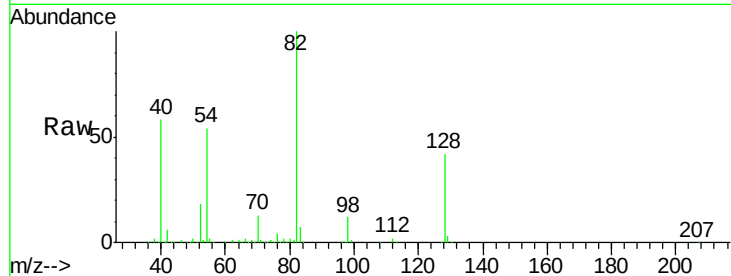




#23
 Nitrobenzene-d5
 Concen: 68.26 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

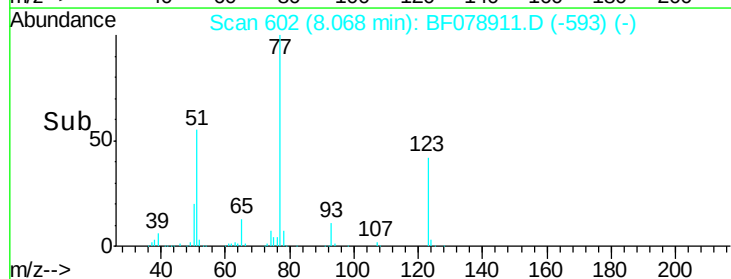
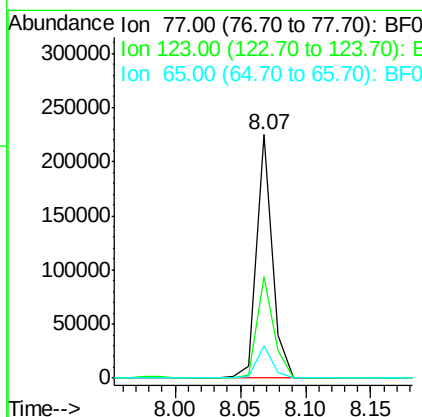
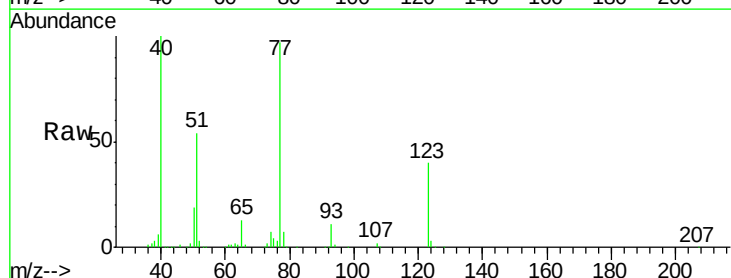
Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

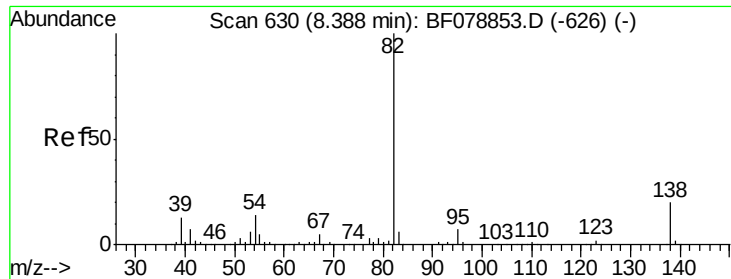
Tot Ion: 82 Resp: 366625
 Ion Ratio Lower Upper
 82 100
 128 41.7 30.0 45.0
 54 53.7 46.4 69.6



#24
 Nitrobenzene
 Concen: 35.89 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion: 77 Resp: 191033
 Ion Ratio Lower Upper
 77 100
 123 41.5 31.8 47.8
 65 13.1 10.6 15.8





#25

Isophorone

Concen: 34.49 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

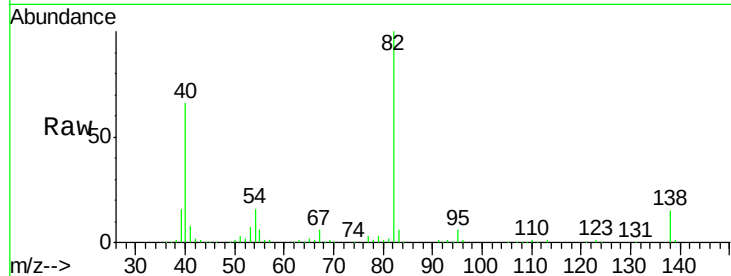
Tot Ion: 82 Resp: 343448

Ion Ratio Lower Upper

82 100

95 6.3 5.3 7.9

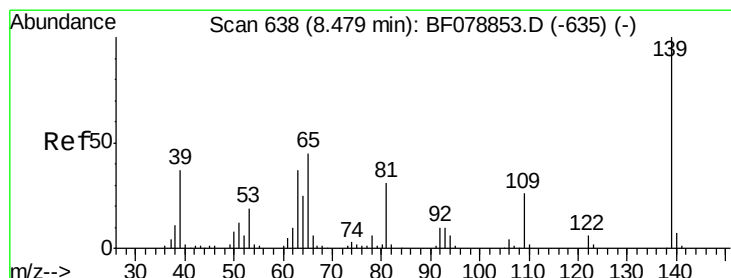
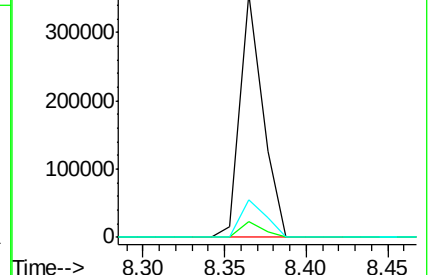
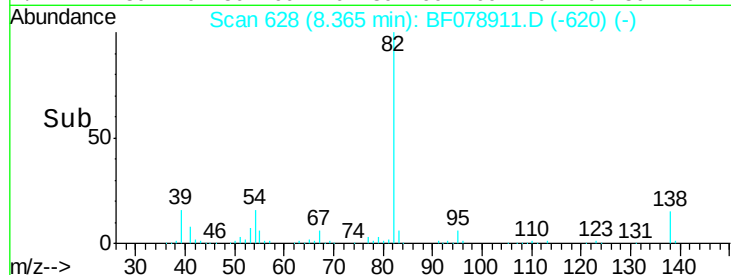
138 15.2 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF078911.D (-620) (-)

Ion 95.00 (94.70 to 95.70): BF078911.D (-620) (-)

Ion 138.00 (137.70 to 138.70): BF078911.D (-620) (-)



#26

2-Nitrophenol

Concen: 33.14 ng

RT: 8.47 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

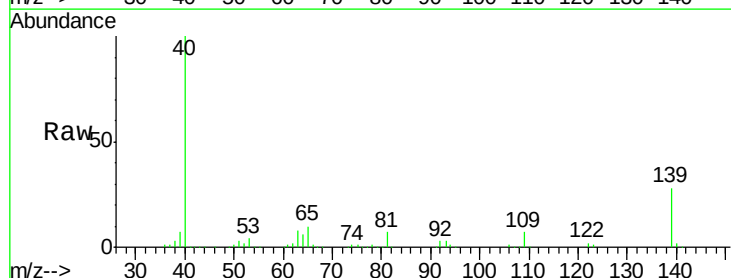
Tgt Ion: 139 Resp: 73030

Ion Ratio Lower Upper

139 100

109 25.2 21.0 31.4

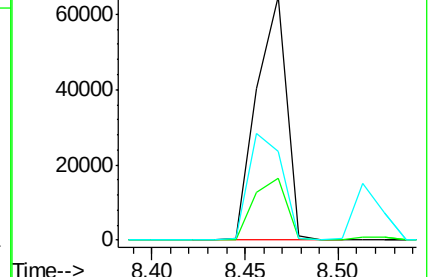
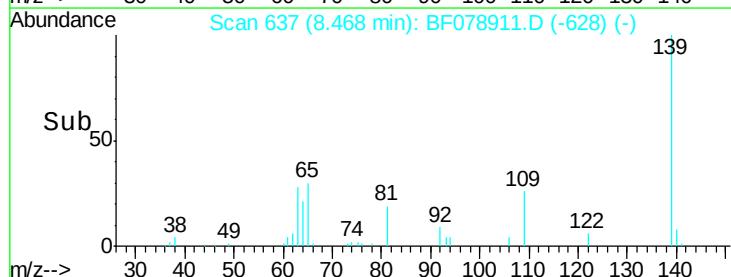
65 36.4 30.5 45.7

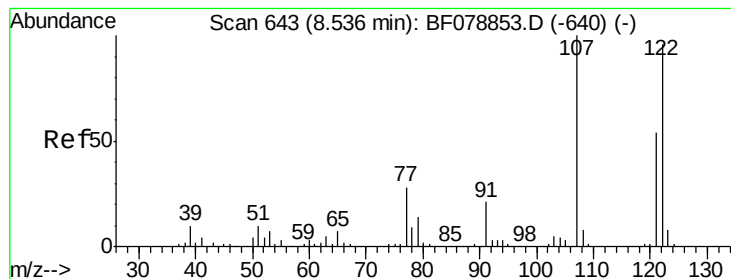


Abundance Ion 139.00 (138.70 to 139.70): BF078911.D (-628) (-)

Ion 109.00 (108.70 to 109.70): BF078911.D (-628) (-)

Ion 65.00 (64.70 to 65.70): BF078911.D (-628) (-)





#27

2,4-Dimethylphenol

Concen: 37.34 ng

RT: 8.51 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

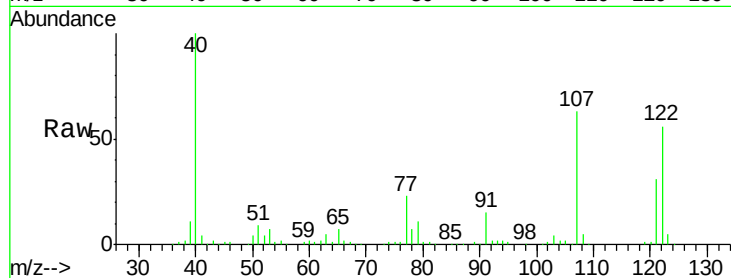
Tot Ion:122 Resp: 164619

Ion Ratio Lower Upper

122 100

107 113.1 90.6 135.8

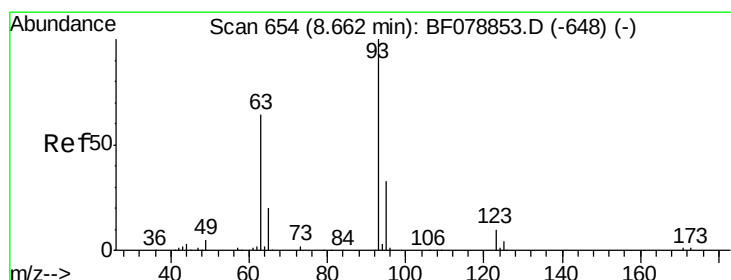
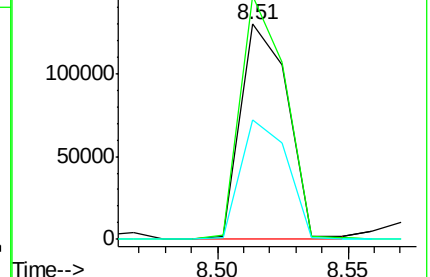
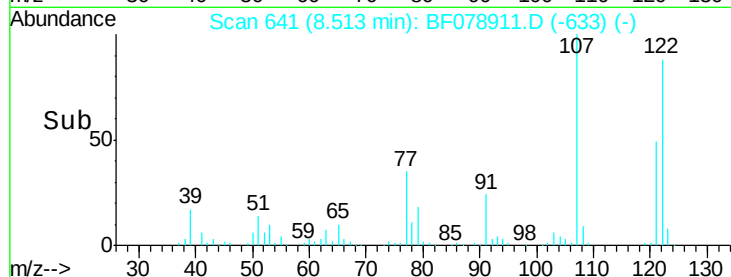
121 55.6 45.4 68.2



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: 36.84 ng

RT: 8.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

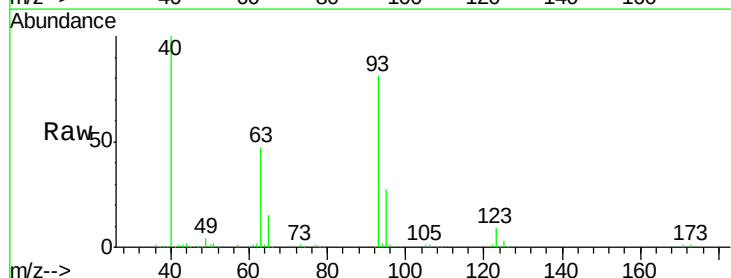
Tgt Ion: 93 Resp: 226115

Ion Ratio Lower Upper

93 100

95 32.8 26.7 40.1

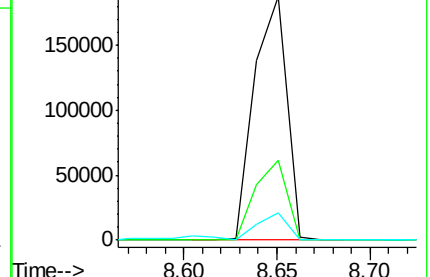
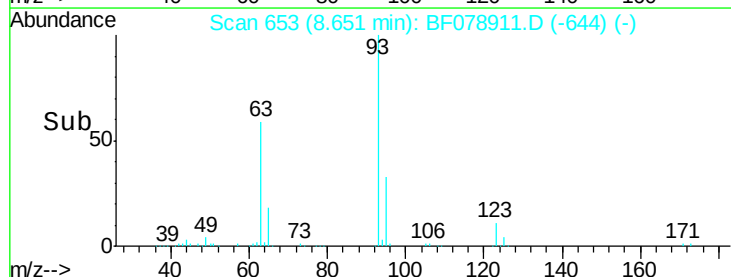
123 11.5 9.1 13.7

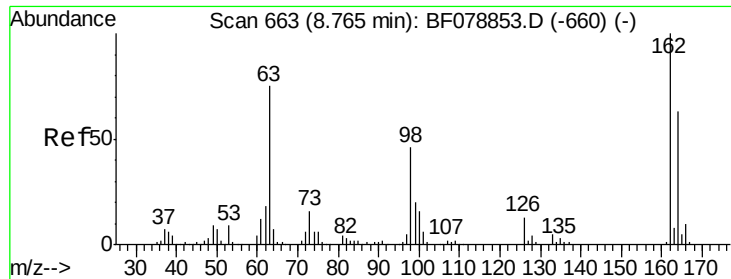


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

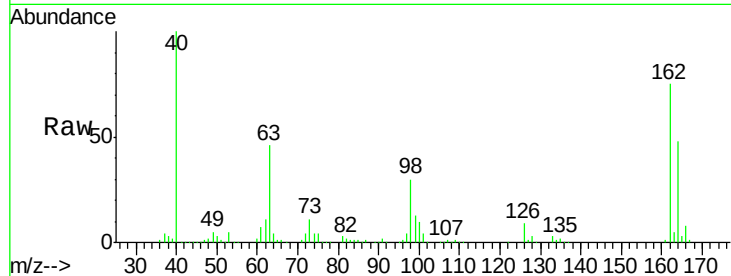




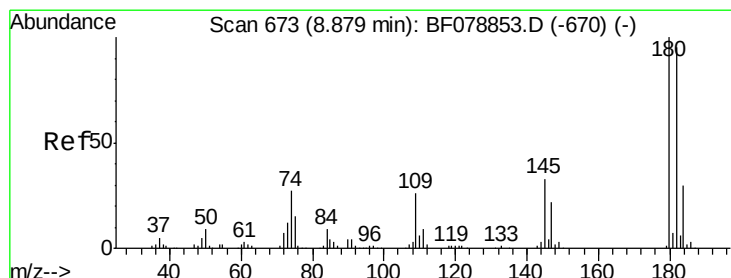
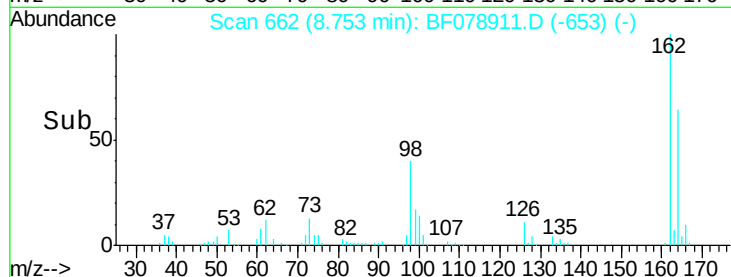
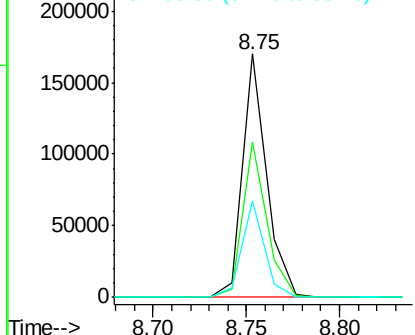
#29
2,4-Dichlorophenol
Concen: 39.19 ng
RT: 8.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Instrument :
BNA_F
ClientSampleId :
PB83092BS

Tot Ion:162 Resp: 153664
Ion Ratio Lower Upper
162 100
164 63.9 43.6 83.6
98 39.6 16.5 56.5

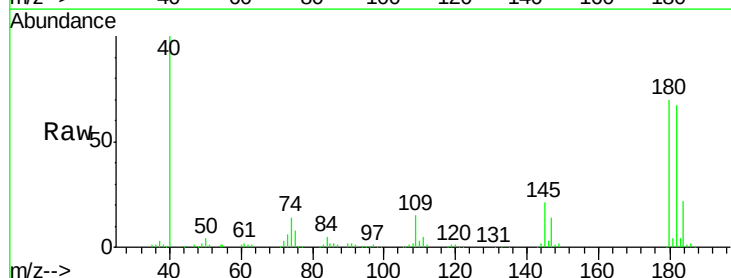


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

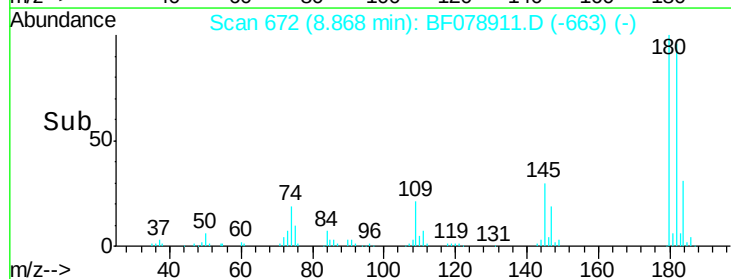
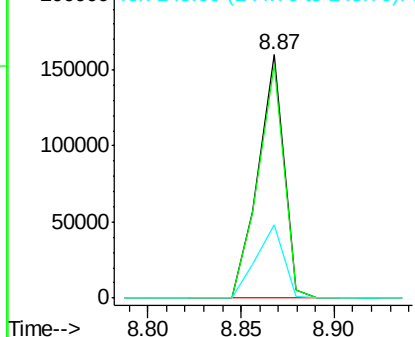


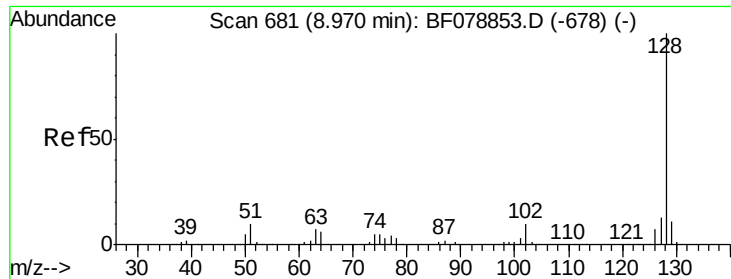
#30
1,2,4-Trichlorobenzene
Concen: 35.41 ng
RT: 8.87 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion:180 Resp: 152525
Ion Ratio Lower Upper
180 100
182 96.0 78.9 118.3
145 30.2 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

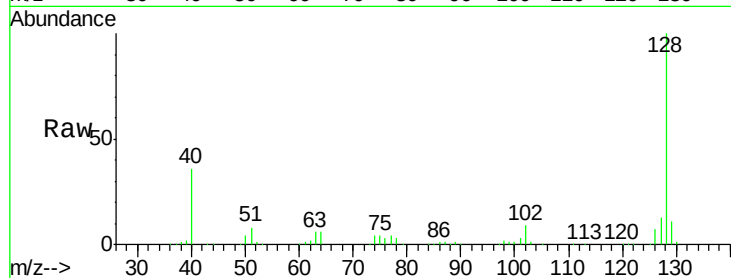




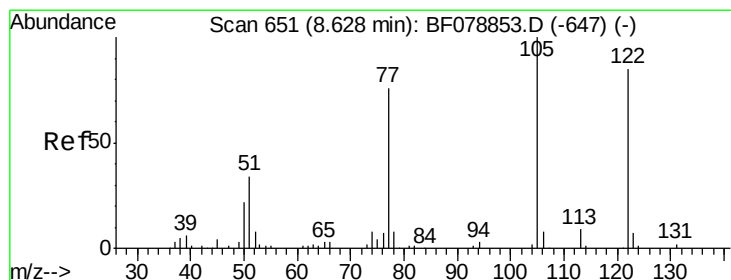
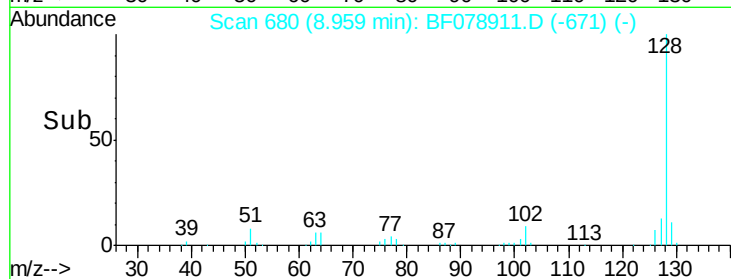
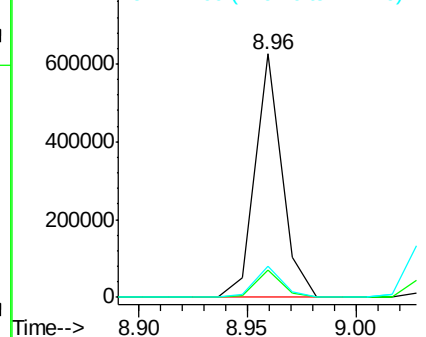
#31
Naphthalene
Concen: 36.33 ng
RT: 8.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Instrument :
BNA_F
ClientSampleId :
PB83092BS

Tot Ion:128 Resp: 534352
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.0 10.7 16.1

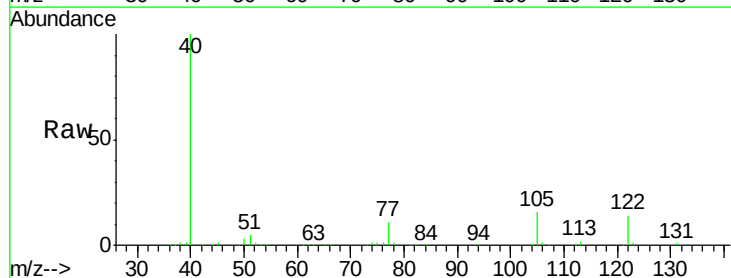


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

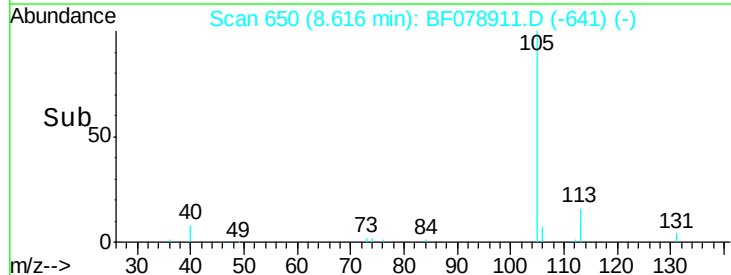
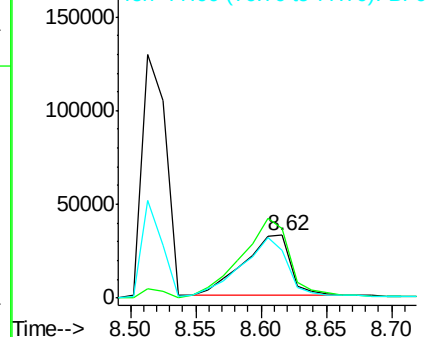


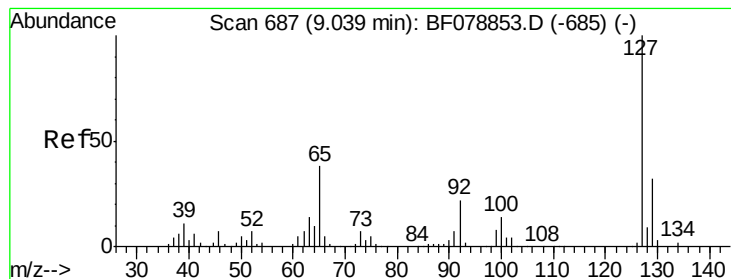
#32
Benzoic acid
Concen: 32.27 ng
RT: 8.62 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion:122 Resp: 82529
Ion Ratio Lower Upper
122 100
105 111.4 107.1 147.1
77 76.0 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: 19.63 ng

RT: 9.03 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

Tot Ion:127 Resp: 122190

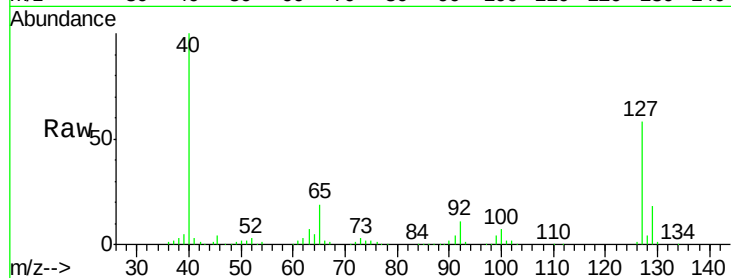
Ion Ratio Lower Upper

127 100

129 31.6 25.8 38.8

65 33.0 25.8 38.6

92 19.6 15.5 23.3

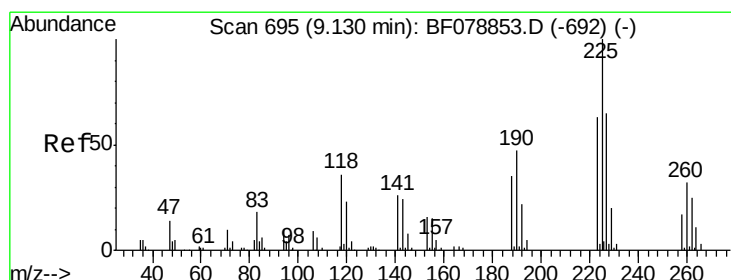
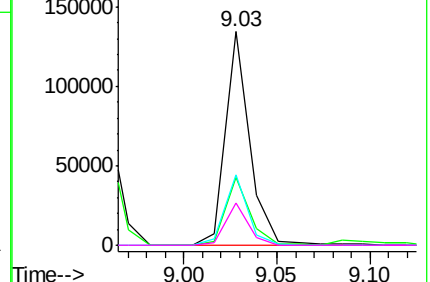
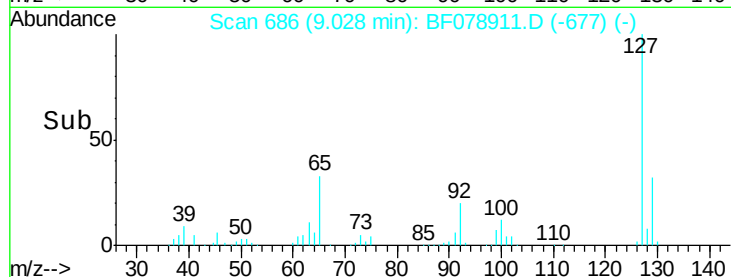


Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.60 ng

RT: 9.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

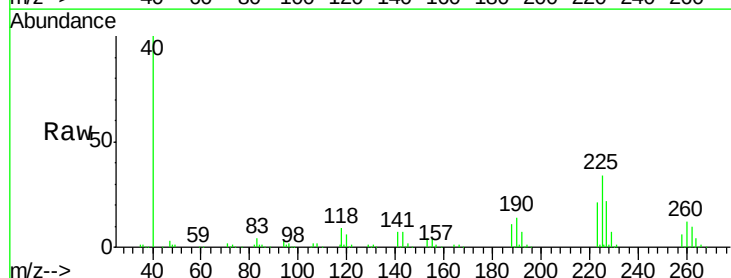
Tgt Ion:225 Resp: 85812

Ion Ratio Lower Upper

225 100

223 61.7 48.2 72.4

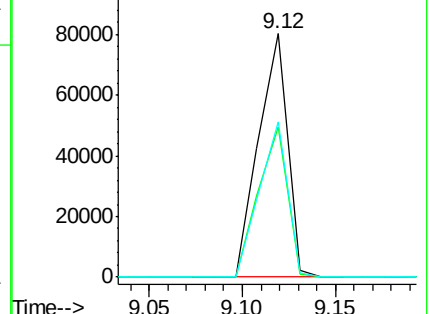
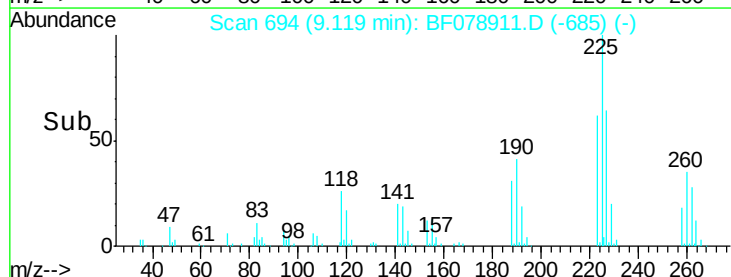
227 63.6 51.4 77.0

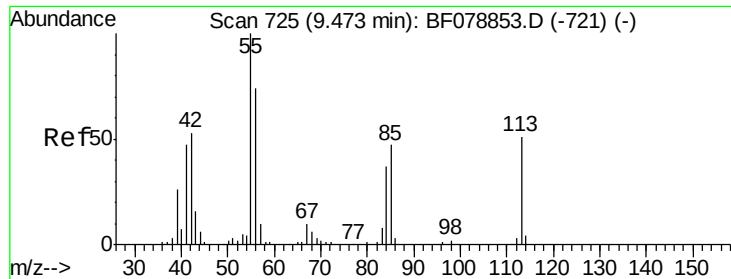


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

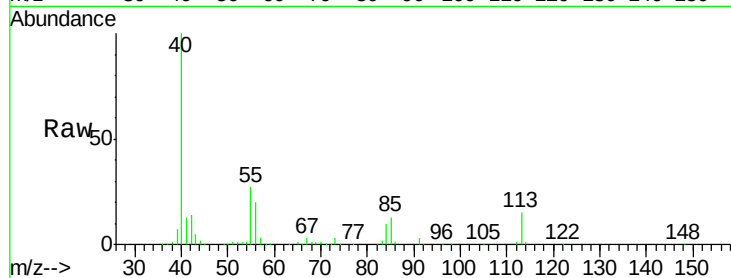




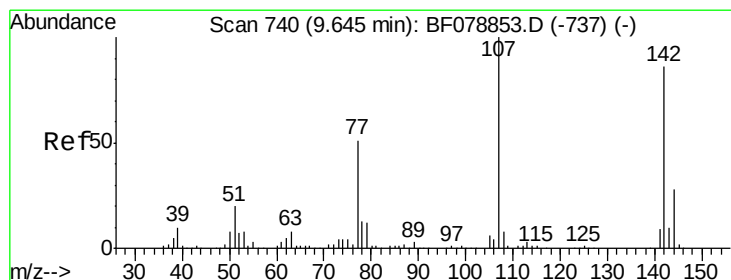
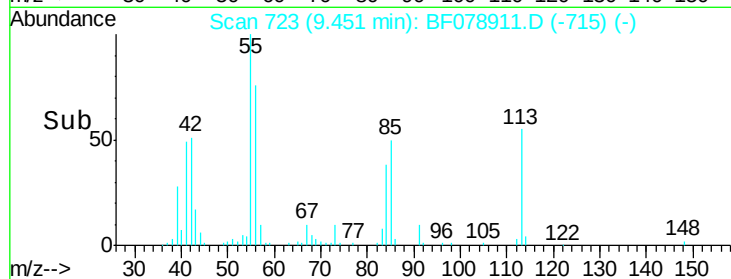
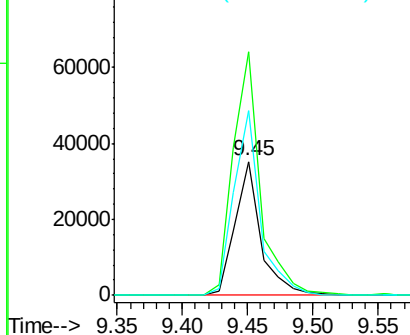
#35
 Caprolactam
 Concen: 37.84 ng
 RT: 9.45 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Instrument :
 BNA_F
 ClientSampled :
 PB83092BS

Tot Ion:113 Resp: 47977
 Ion Ratio Lower Upper
 113 100
 55 181.8 169.7 209.7
 56 138.2 122.5 162.5

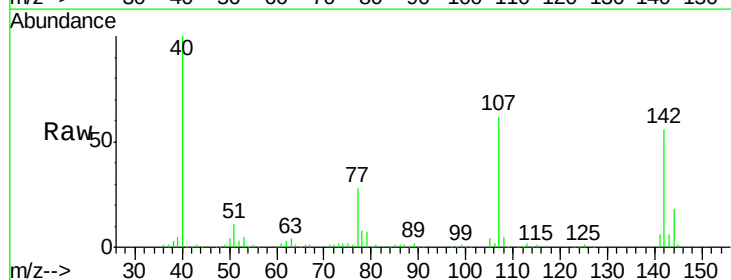


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

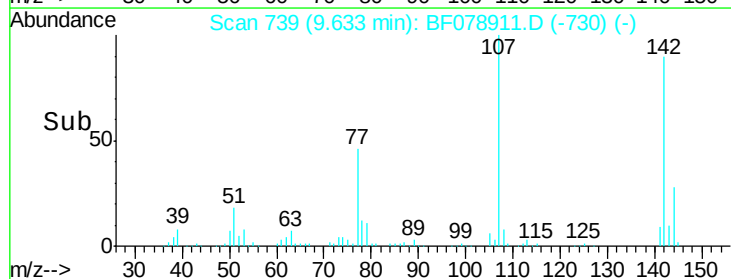
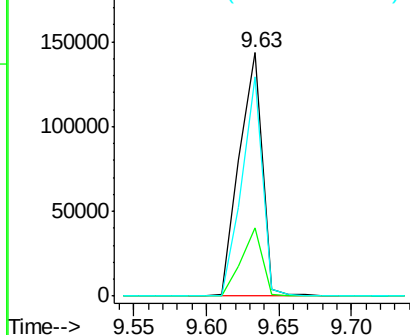


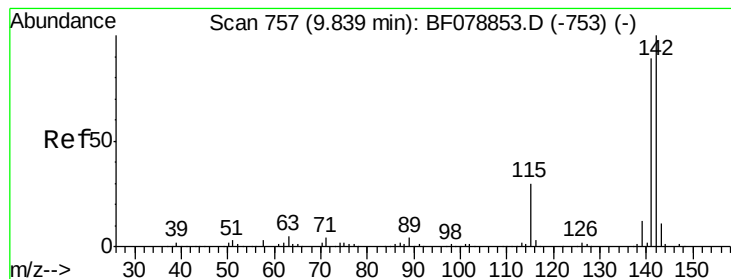
#36
 4-Chloro-3-methylphenol
 Concen: 38.57 ng
 RT: 9.63 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion:107 Resp: 158848
 Ion Ratio Lower Upper
 107 100
 144 28.2 19.8 29.6
 142 89.9 60.6 91.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

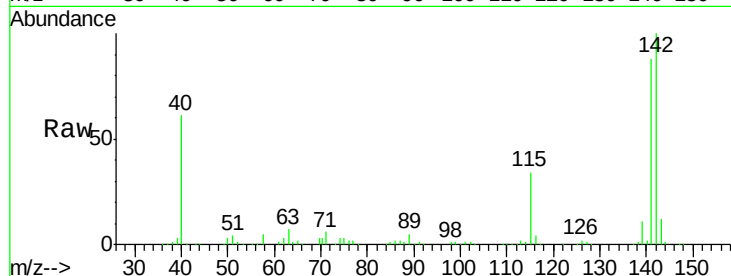




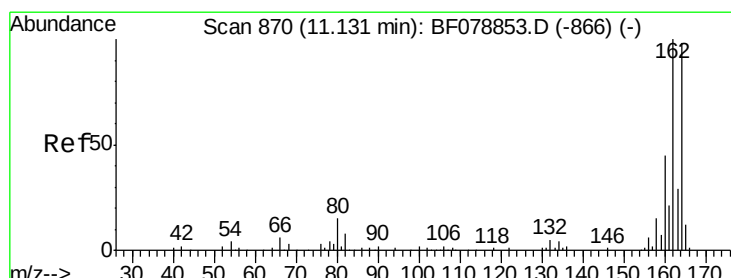
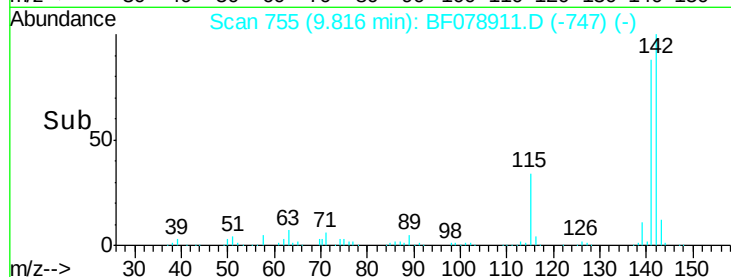
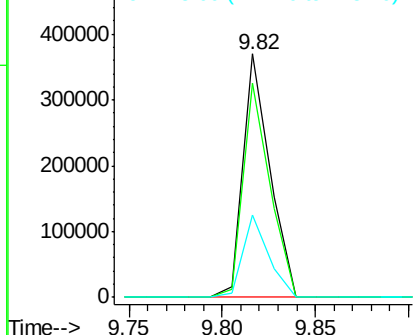
#37
 2-Methylnaphthalene
 Concen: 36.29 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.9	106.3
115	34.0	28.5	42.7

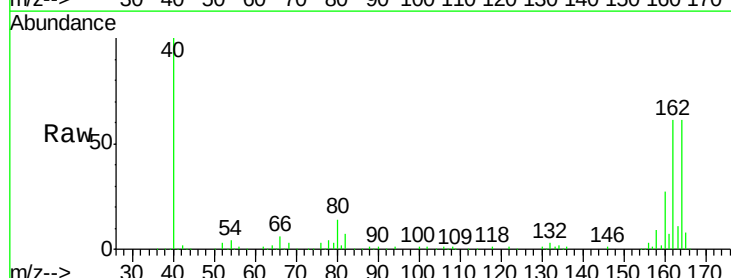


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

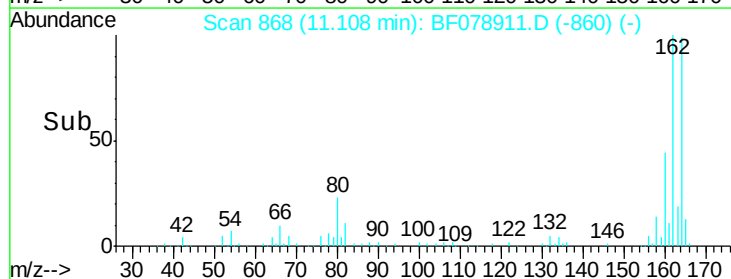
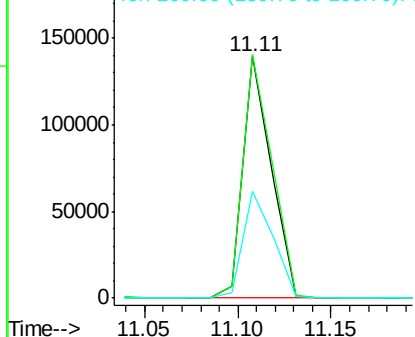


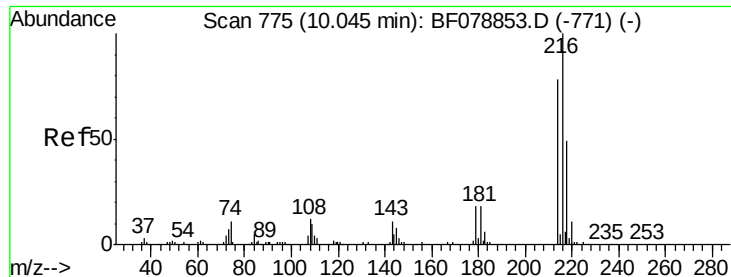
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.7	124.1
160	44.2	35.8	53.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.91 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

Tot Ion:216 Resp: 147605

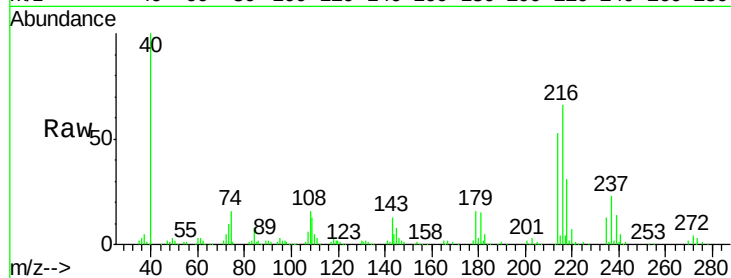
Ion Ratio Lower Upper

216 100

214 79.0 0.0 0.0#

179 22.1 0.0 0.0#

108 24.8 0.0 0.0#

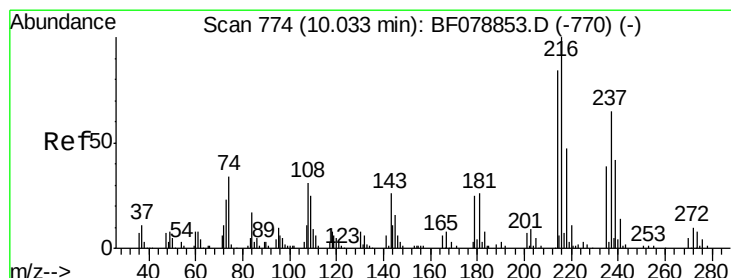
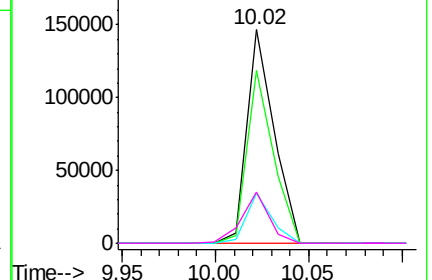
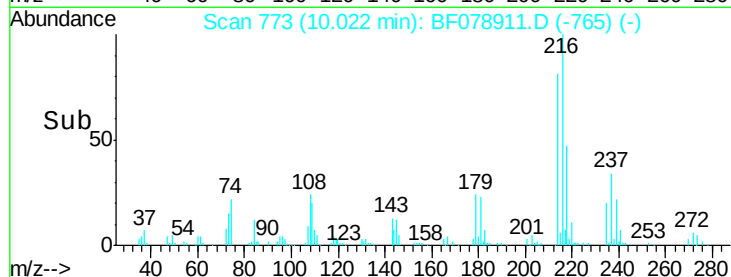


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.44 ng

RT: 10.01 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

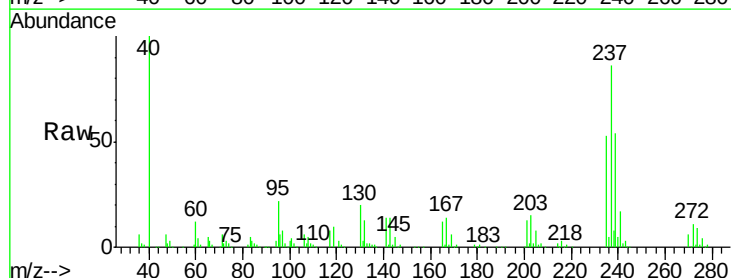
Tgt Ion:237 Resp: 168341

Ion Ratio Lower Upper

237 100

235 61.2 44.7 84.7

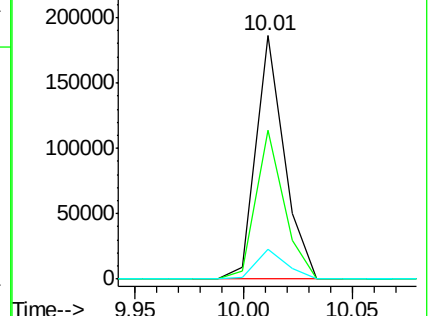
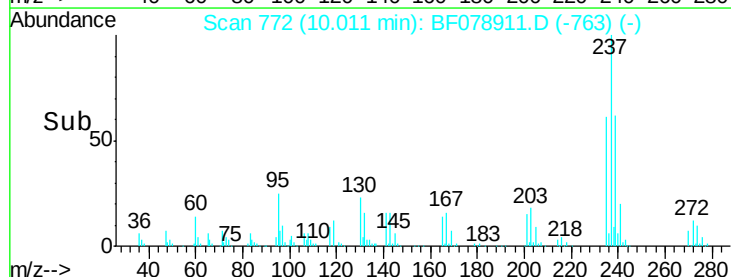
272 12.2 0.0 32.6

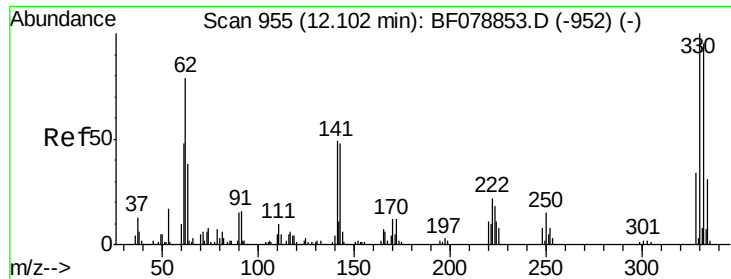


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

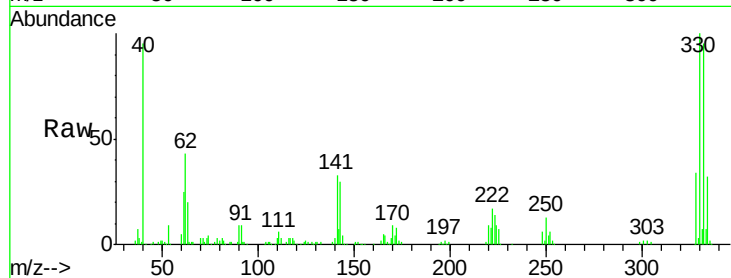




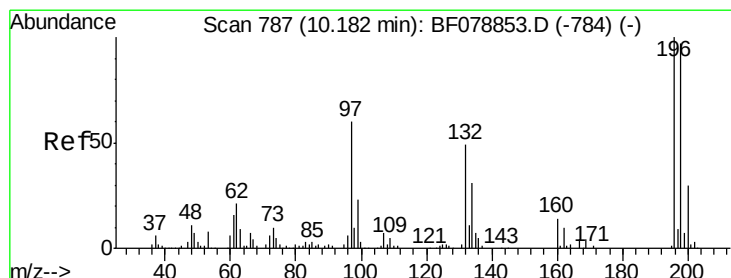
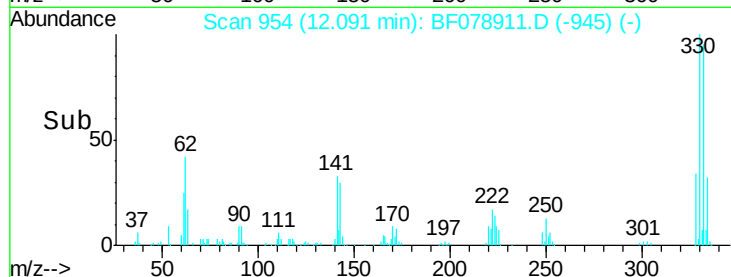
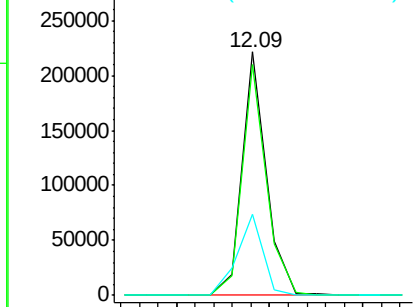
#41
 2,4,6-Tribromophenol
 Concen: 127.53 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	35.6	0.0	0.0#

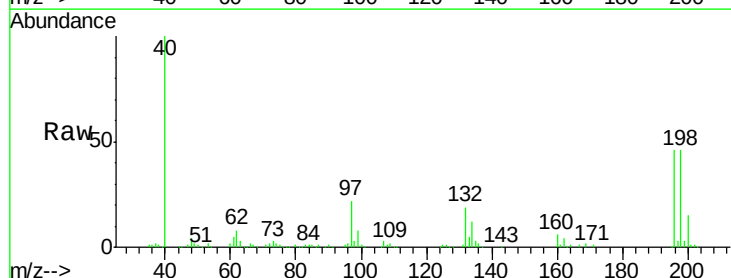


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

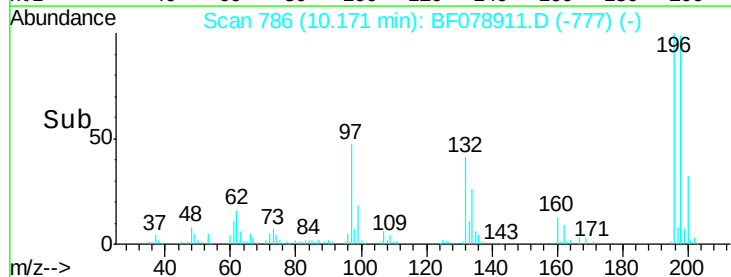
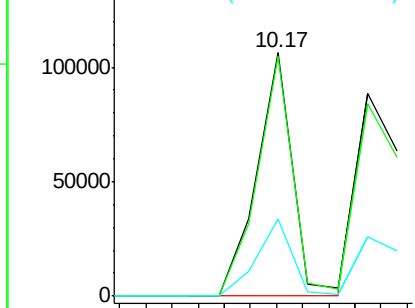


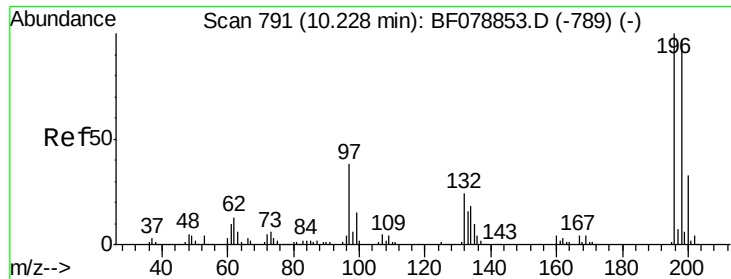
#42
 2,4,6-Trichlorophenol
 Concen: 36.13 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	80.5	120.7
200	31.9	24.9	37.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

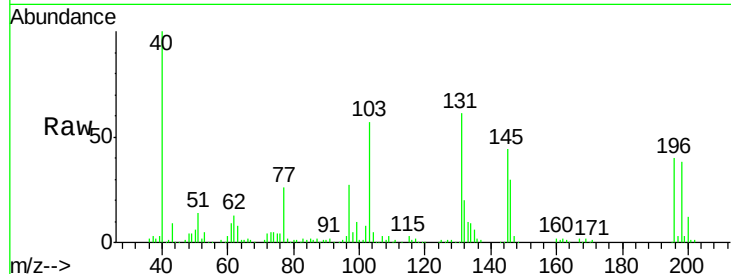




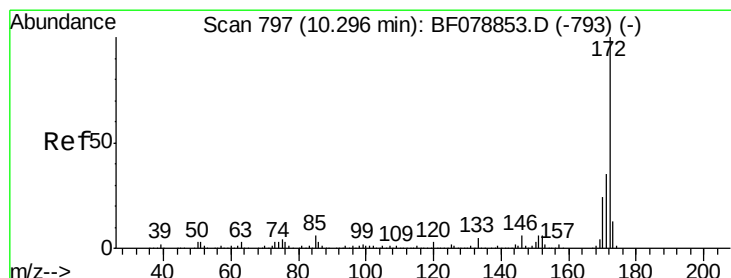
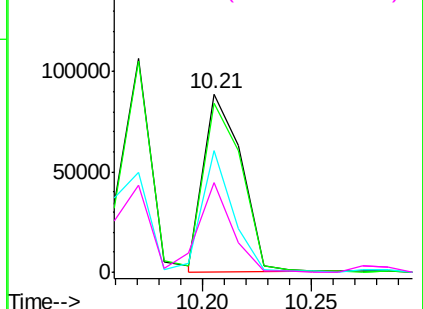
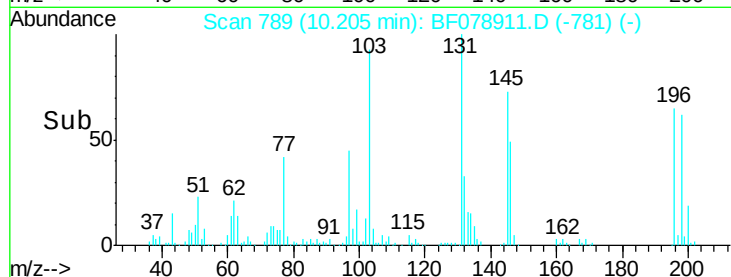
#43
 2,4,5-Trichlorophenol
 Concen: 37.29 ng
 RT: 10.21 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

Tot Ion:196 Resp: 106533
 Ion Ratio Lower Upper
 196 100
 198 94.9 79.8 119.6
 97 68.5 46.0 69.0
 132 50.5 26.6 40.0#

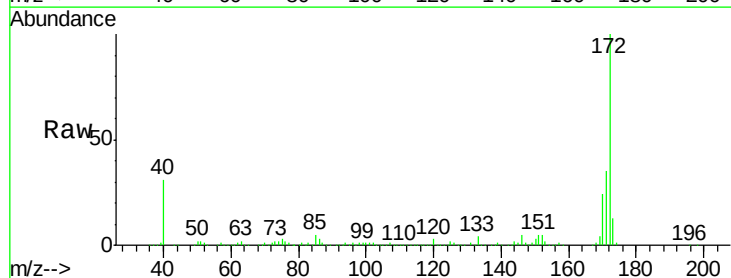


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

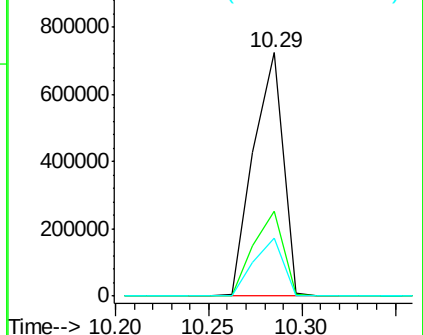
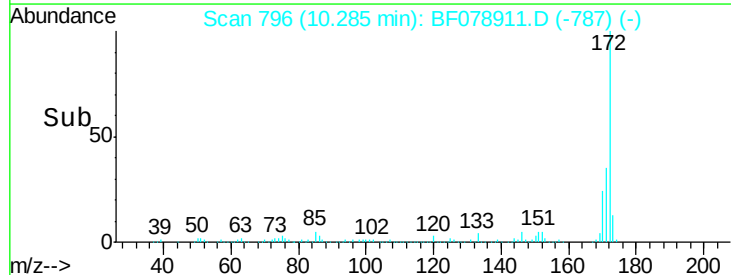


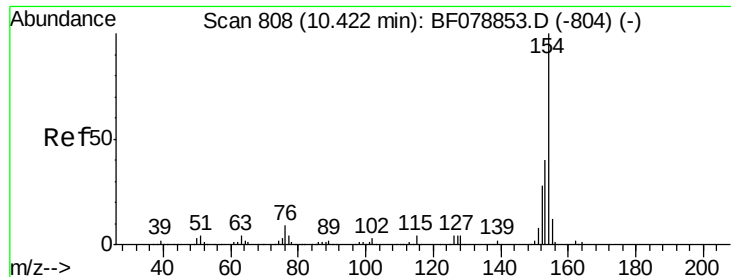
#44
 2-Fluorobiphenyl
 Concen: 76.49 ng
 RT: 10.29 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion:172 Resp: 801346
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.9 41.9
 170 24.0 19.4 29.0



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





#45

1,1'-Biphenyl

Concen: 38.26 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

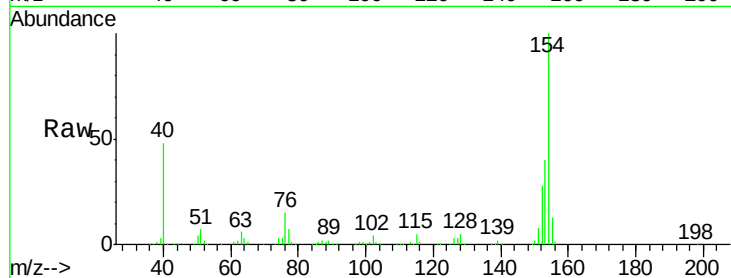
Tot Ion:154 Resp: 443923

Ion Ratio Lower Upper

154 100

153 39.5 19.9 59.9

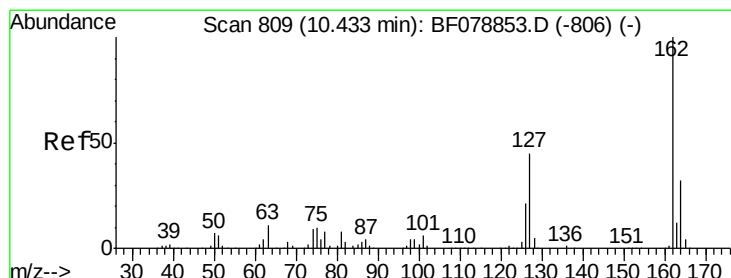
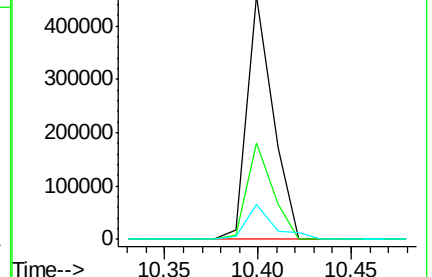
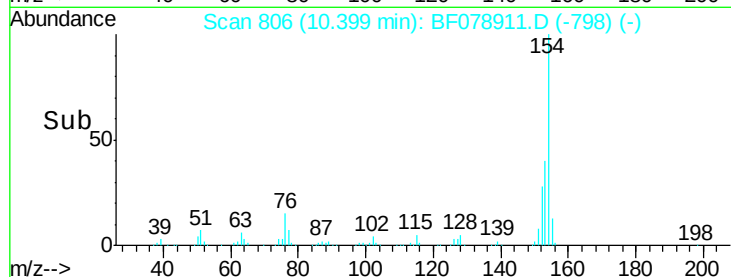
76 14.6 0.0 35.0



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: 37.78 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

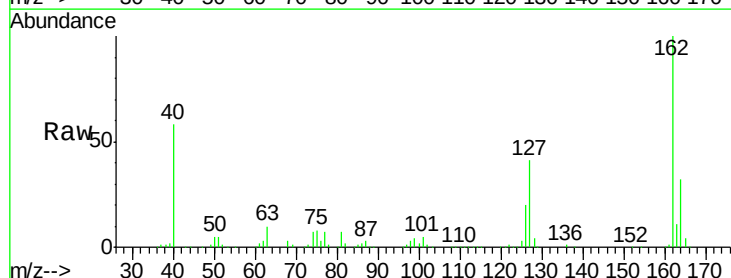
Tgt Ion:162 Resp: 341972

Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

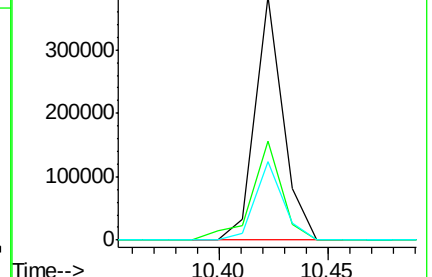
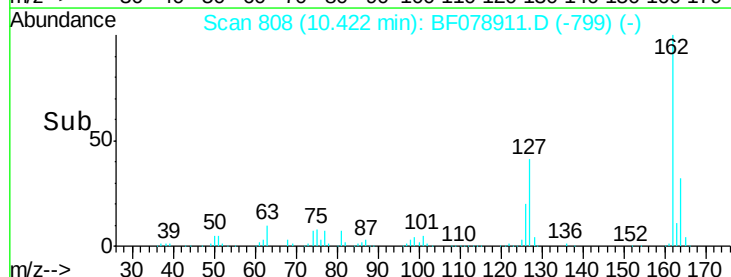
164 32.5 26.3 39.5

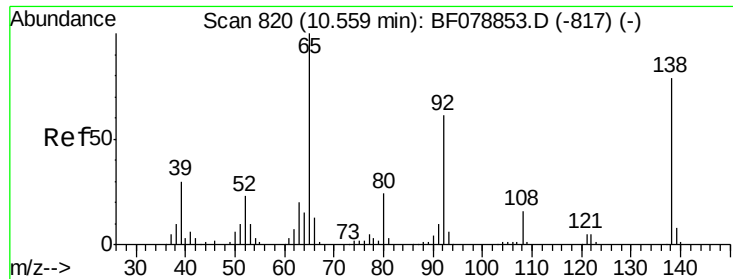


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

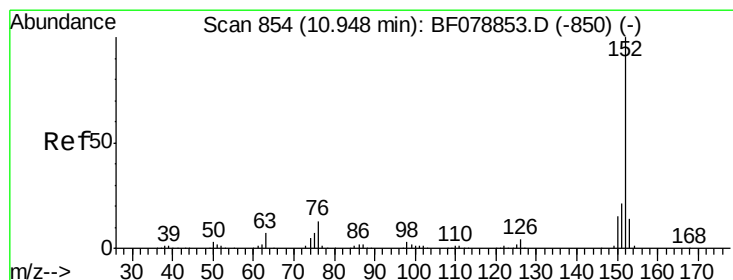
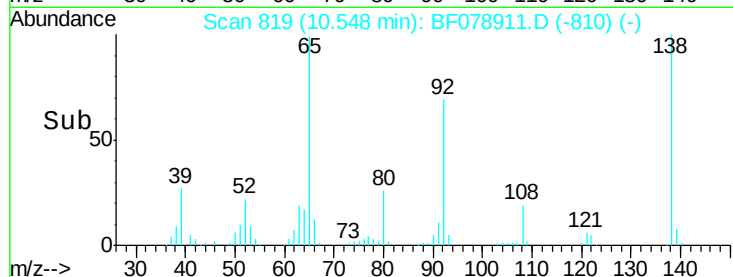
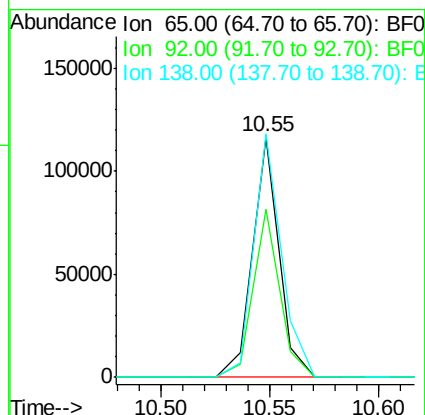
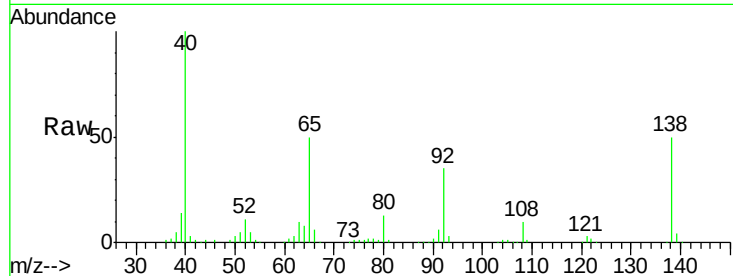




#47
2-Nitroaniline
Concen: 37.39 ng
RT: 10.55 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

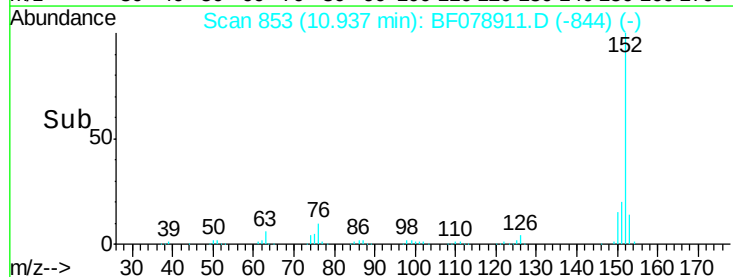
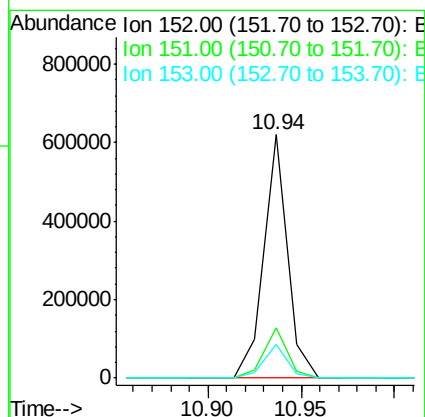
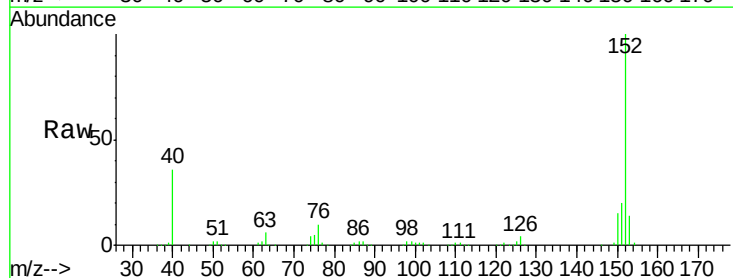
Instrument :
BNA_F
ClientSampleId :
PB83092BS

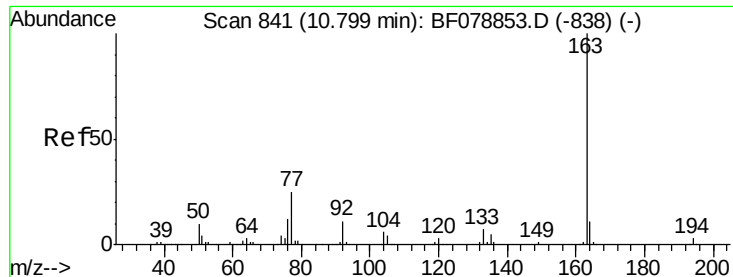
Tot Ion: 65 Resp: 98053
Ion Ratio Lower Upper
65 100
92 70.1 54.0 81.0
138 101.5 75.0 112.6



#48
Acenaphthylene
Concen: 37.21 ng
RT: 10.94 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion: 152 Resp: 552948
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.7 10.9 16.3

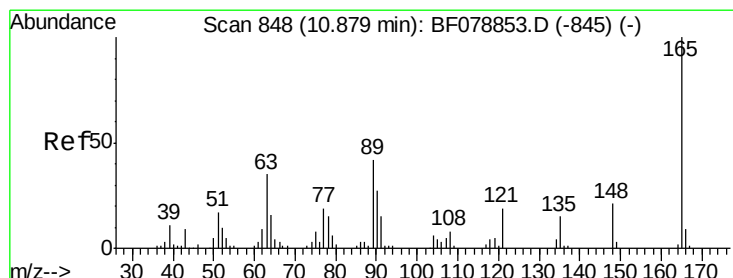
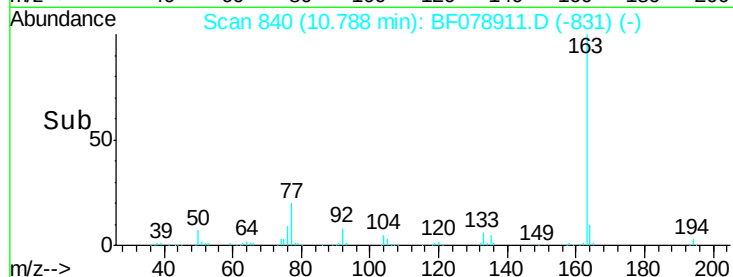
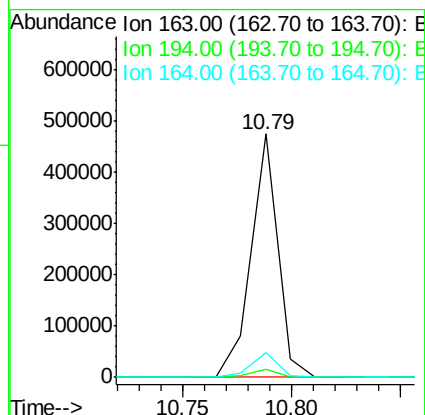
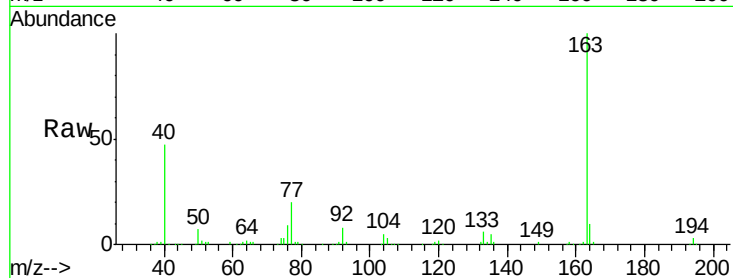




#49
Dimethylphthalate
Concen: 37.85 ng
RT: 10.79 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

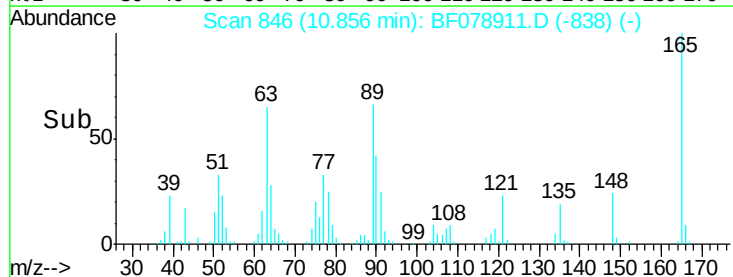
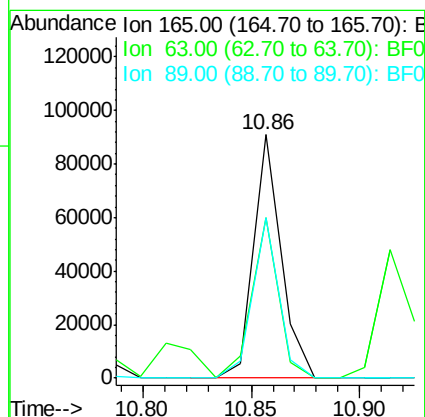
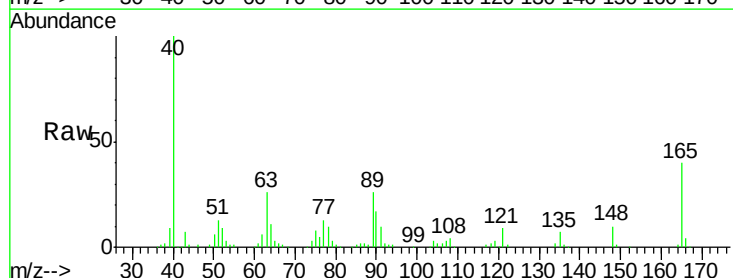
Instrument :
BNA_F
ClientSampleId :
PB83092BS

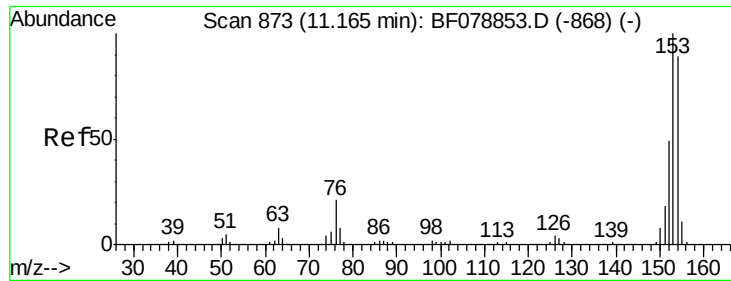
Tot Ion:163 Resp: 405476
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 37.77 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion:165 Resp: 79851
Ion Ratio Lower Upper
165 100
63 65.8 54.4 81.6
89 66.1 55.7 83.5





#51

Acenaphthene

Concen: 37.27 ng

RT: 11.15 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

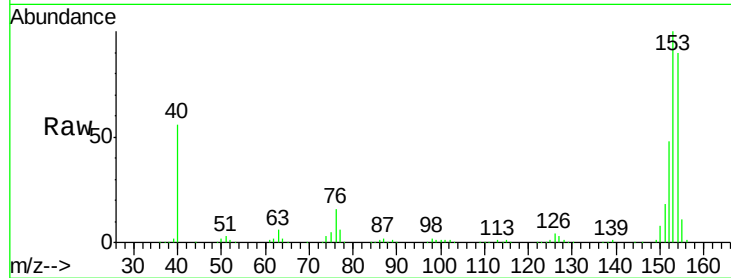
Tot Ion:154 Resp: 330255

Ion Ratio Lower Upper

154 100

153 111.1 91.5 137.3

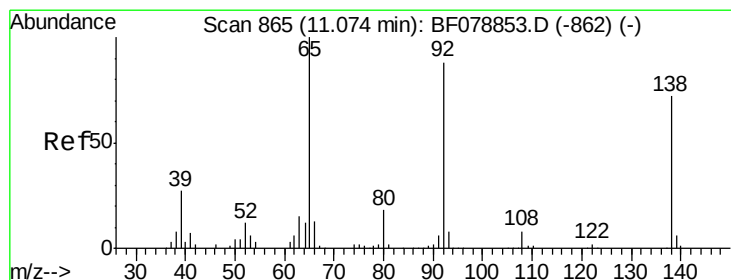
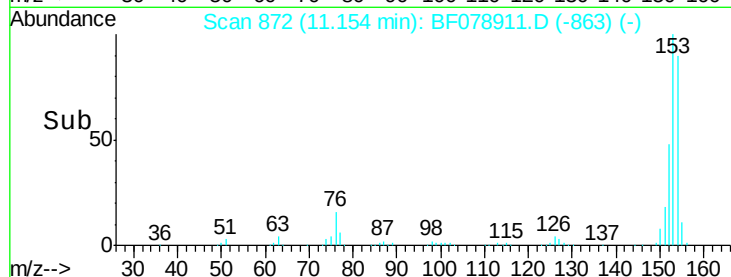
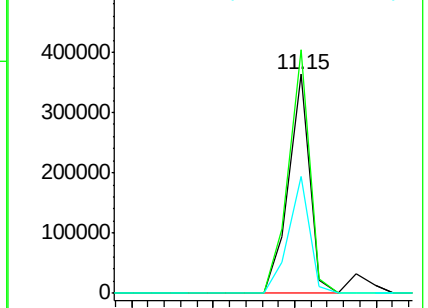
152 53.5 44.2 66.4



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: 26.48 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

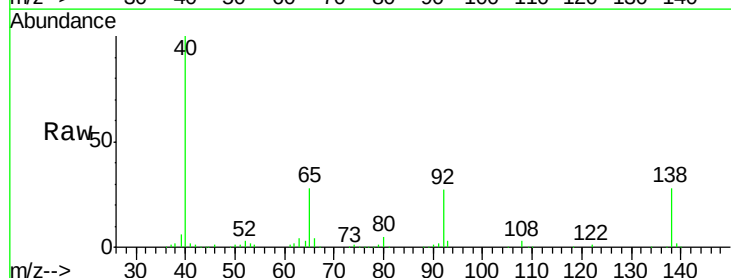
Tgt Ion:138 Resp: 69921

Ion Ratio Lower Upper

138 100

108 9.0 10.6 16.0#

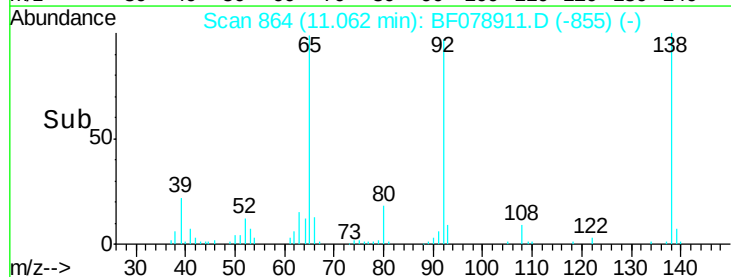
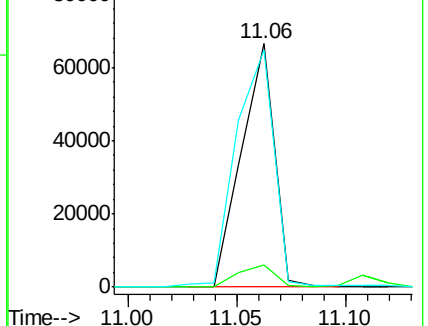
92 97.3 81.8 122.6

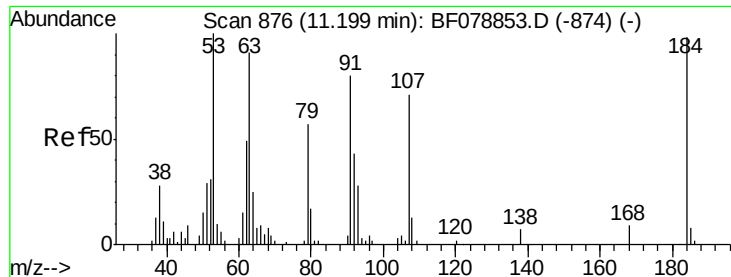


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

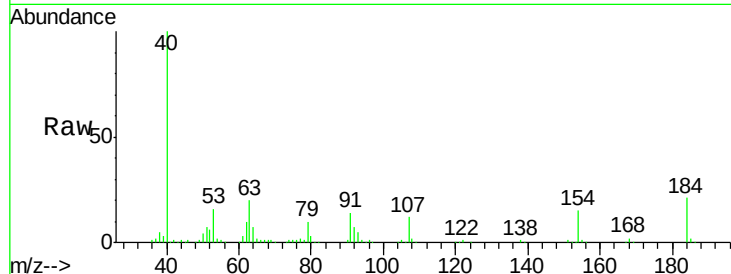




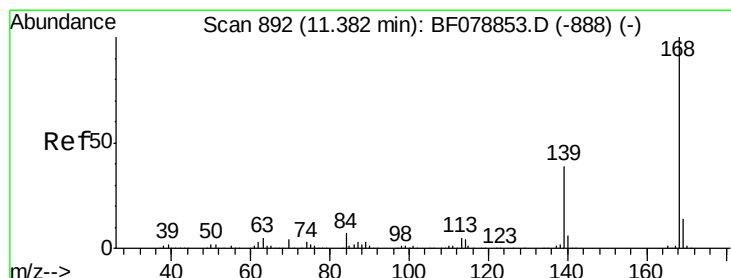
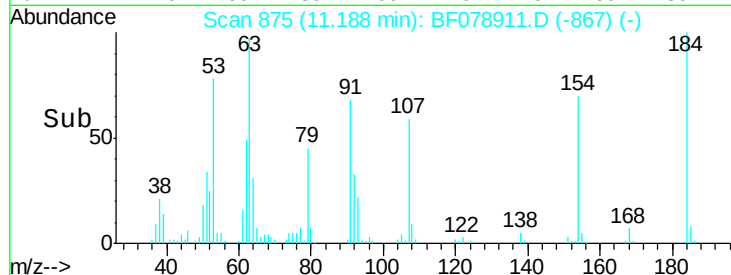
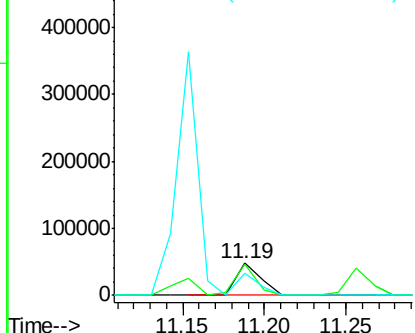
#53
2,4-Dinitrophenol
Concen: 65.05 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Instrument :
BNA_F
ClientSampleID :
PB83092BS

Tot Ion:184 Resp: 50764
Ion Ratio Lower Upper
184 100
63 97.3 63.3 94.9#
154 69.6 53.8 80.6

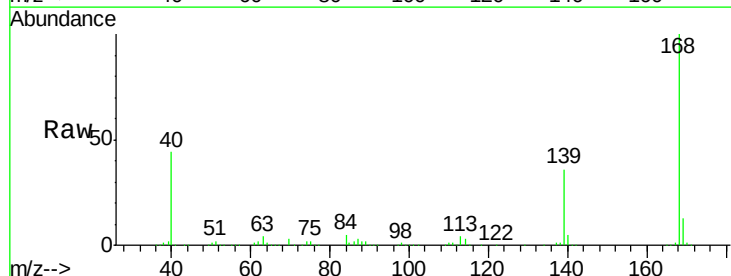


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

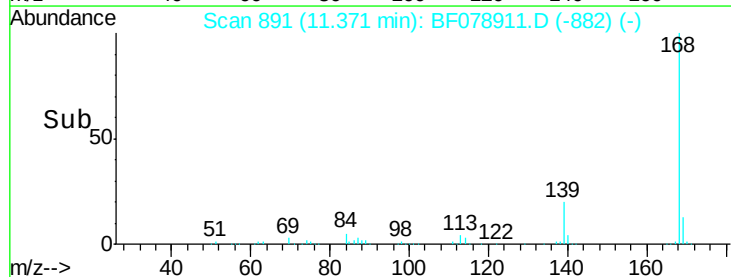
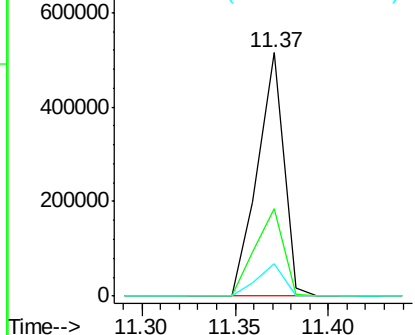


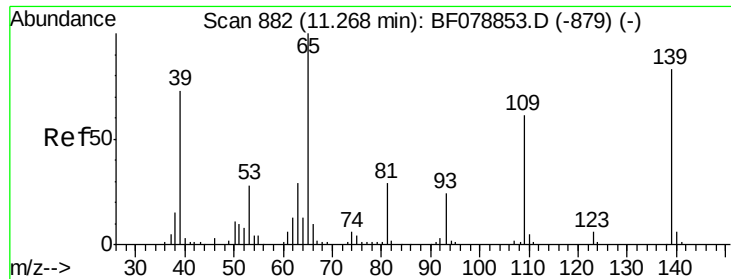
#54
Dibenzofuran
Concen: 39.34 ng
RT: 11.37 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion:168 Resp: 503577
Ion Ratio Lower Upper
168 100
139 36.1 31.0 46.4
169 13.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

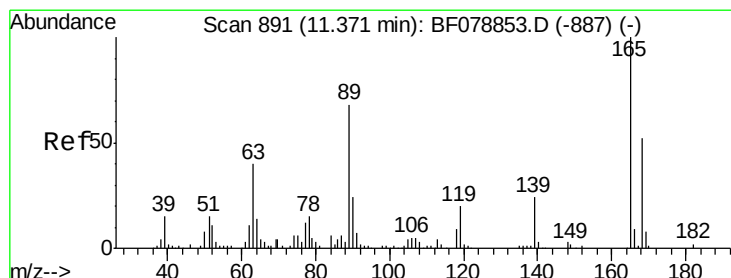
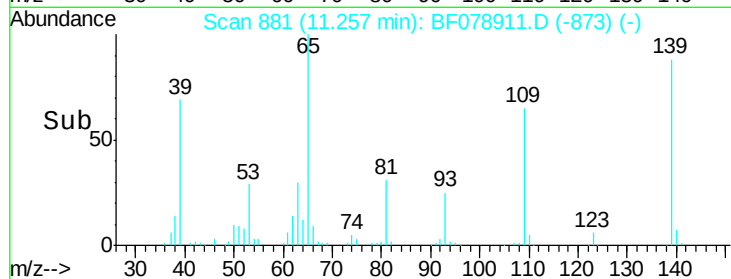
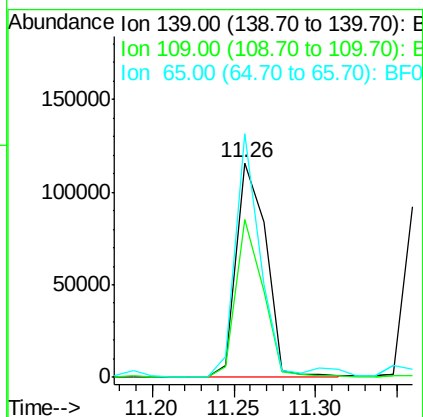
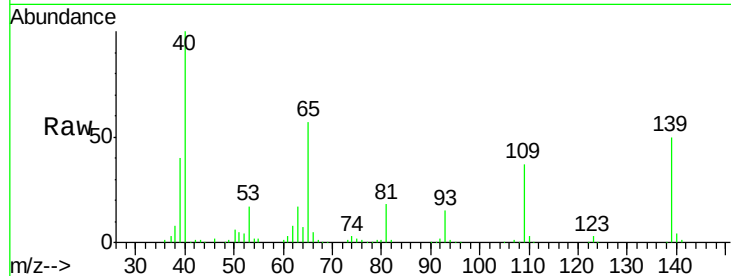




#55
4-Nitrophenol
Concen: 70.25 ng
RT: 11.26 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

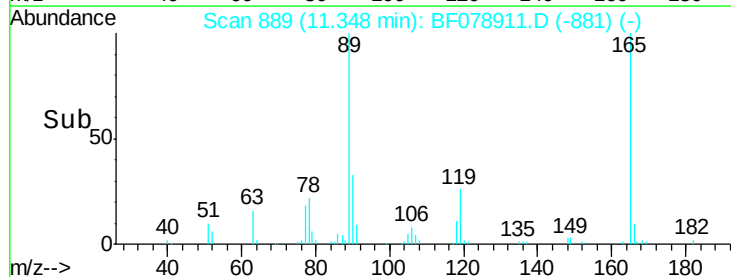
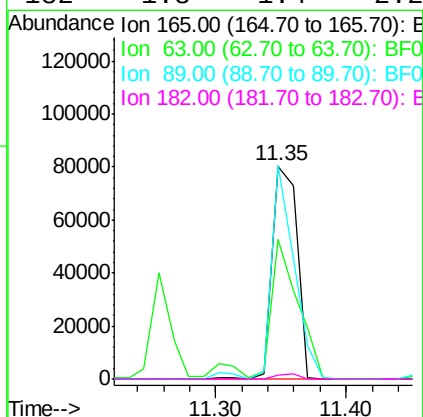
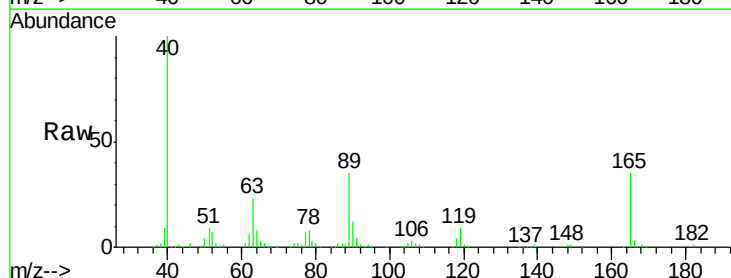
Instrument :
BNA_F
ClientSampleId :
PB83092BS

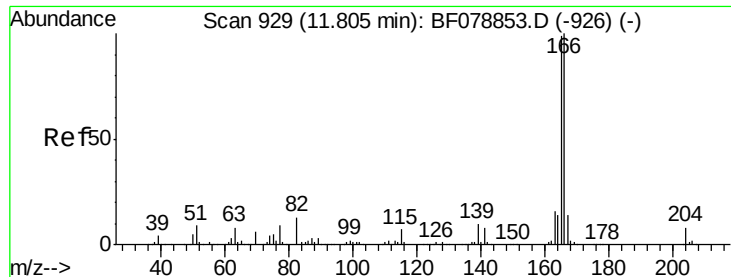
Tot Ion:139 Resp: 146827
Ion Ratio Lower Upper
139 100
109 73.7 47.6 87.6
65 113.6 54.3 94.3#



#56
2,4-Dinitrotoluene
Concen: 38.54 ng
RT: 11.35 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion:165 Resp: 107708
Ion Ratio Lower Upper
165 100
63 65.5 51.2 76.8
89 100.4 82.7 124.1
182 1.8 1.4 2.2

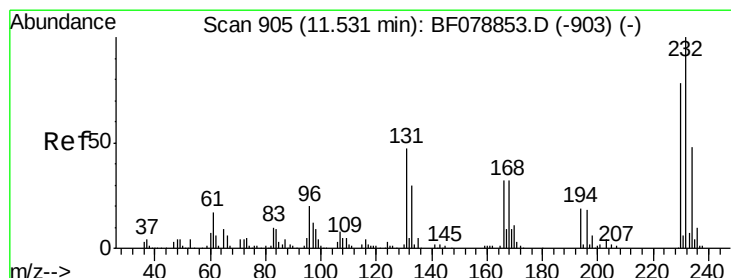
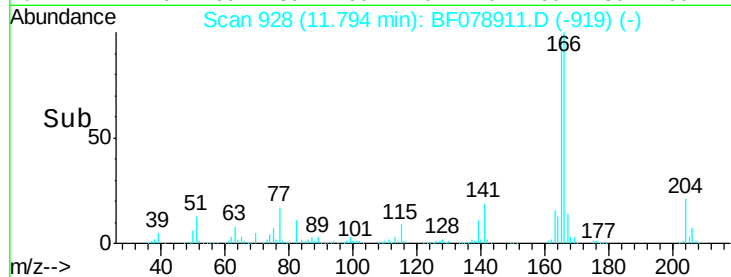
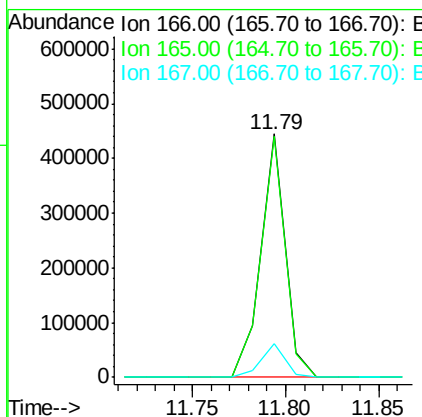
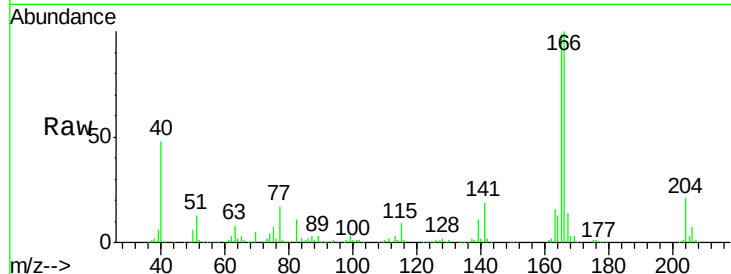




#57
 Fluorene
 Concen: 38.11 ng
 RT: 11.79 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

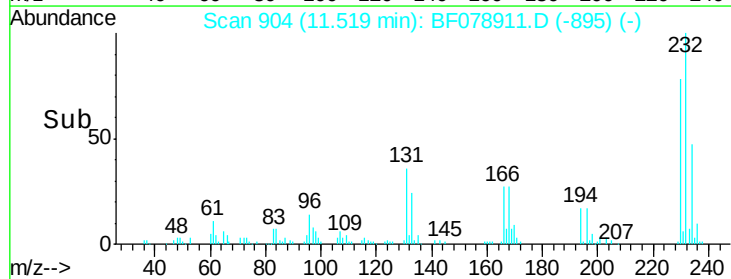
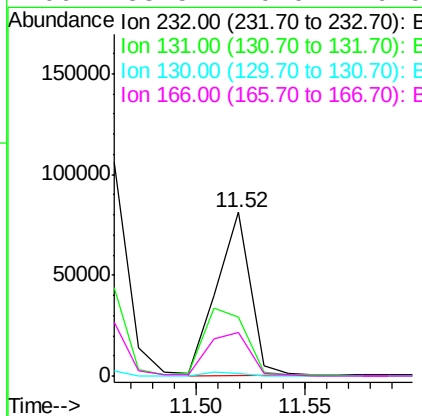
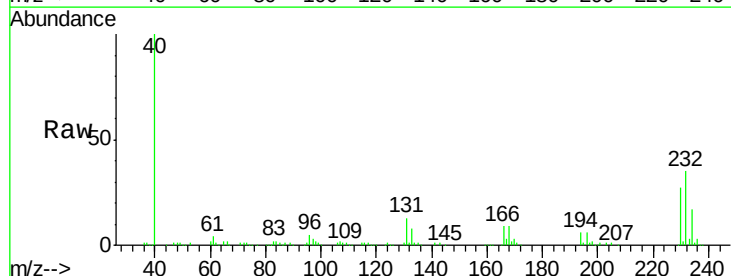
Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

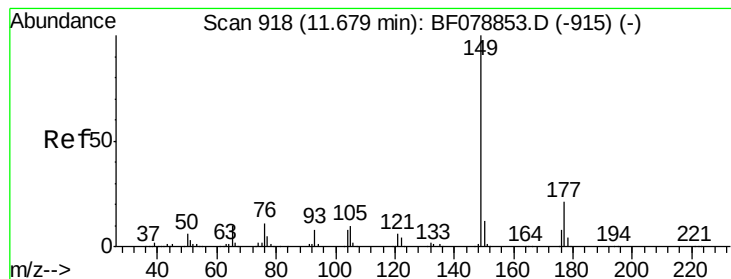
Tot Ion:166 Resp: 400384
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.5 117.7
 167 13.7 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.06 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion:232 Resp: 86530
 Ion Ratio Lower Upper
 232 100
 131 51.7 0.0 0.0#
 130 2.4 0.0 0.0#
 166 33.5 0.0 0.0#





#59

Diethylphthalate

Concen: 39.34 ng

RT: 11.67 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

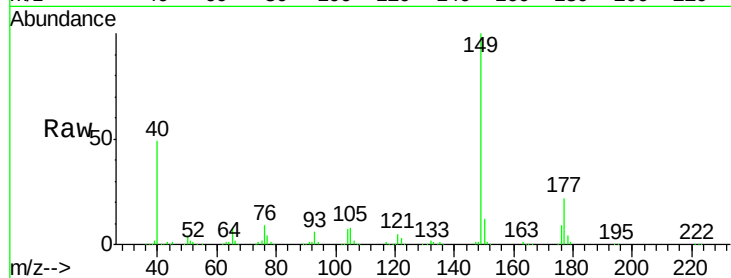
Tot Ion:149 Resp: 417448

Ion Ratio Lower Upper

149 100

177 21.6 17.5 26.3

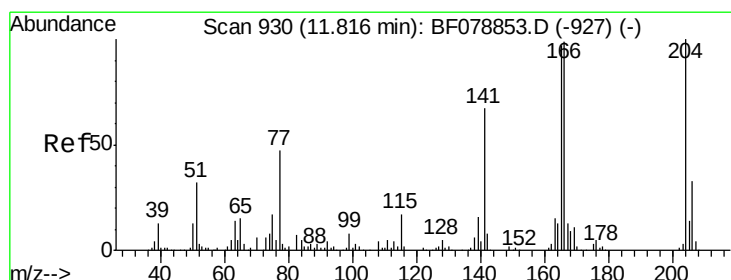
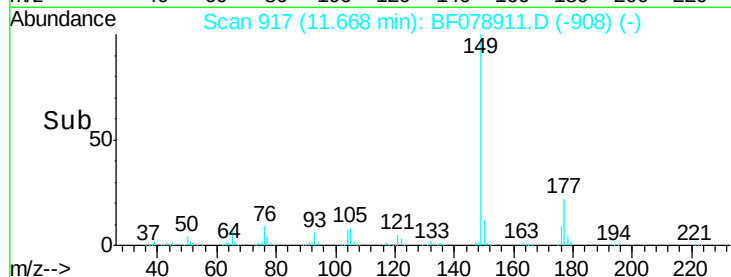
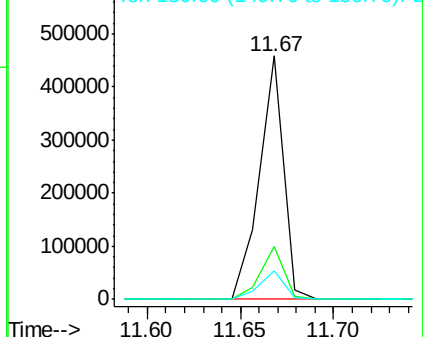
150 11.8 9.6 14.4



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: 37.49 ng

RT: 11.81 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

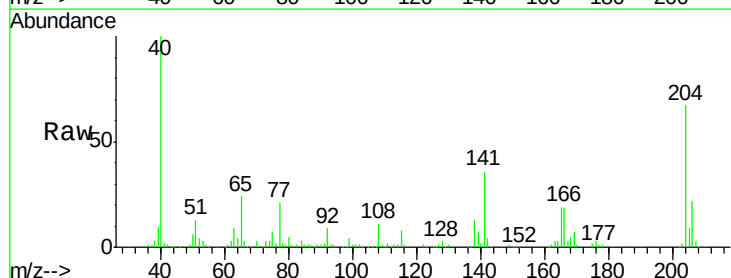
Tgt Ion:204 Resp: 174738

Ion Ratio Lower Upper

204 100

206 33.6 26.9 40.3

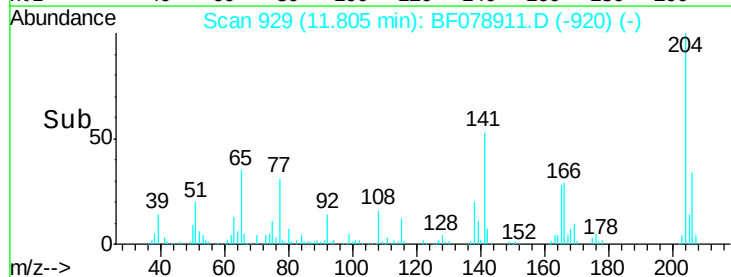
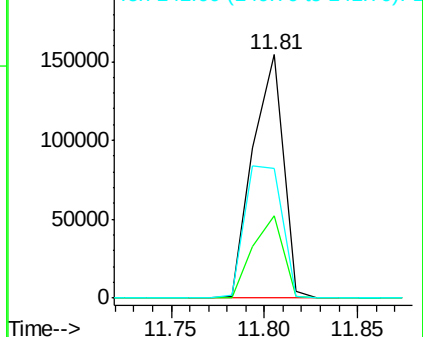
141 53.3 48.3 72.5

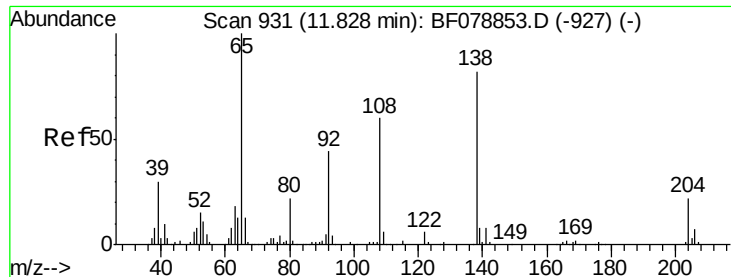


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

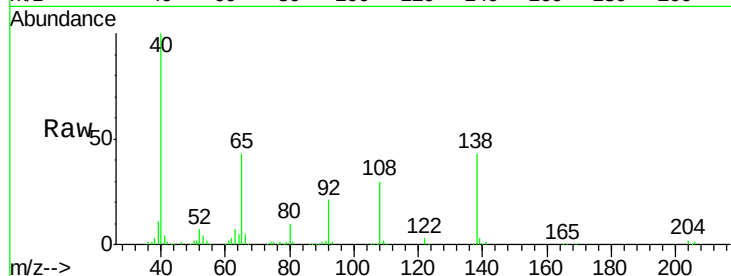




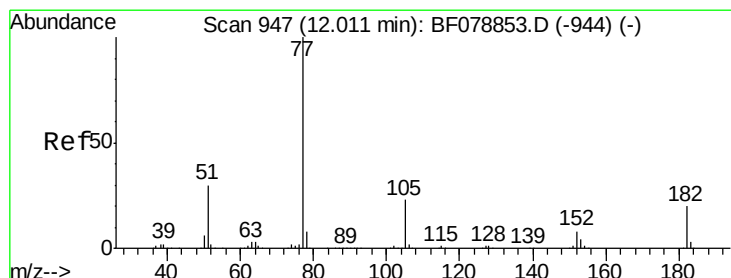
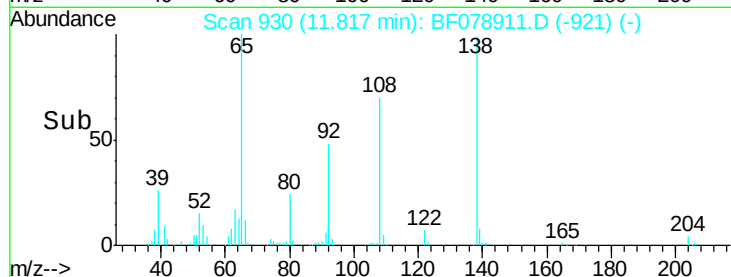
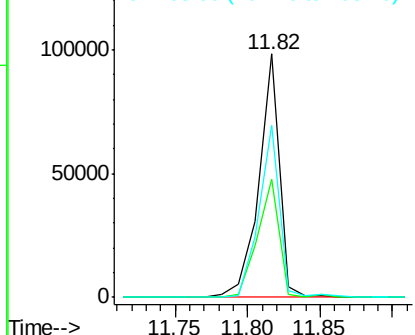
#61
4-Nitroaniline
Concen: 36.72 ng
RT: 11.82 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Instrument :
BNA_F
ClientSampleId :
PB83092BS

Tot Ion:138 Resp: 97022
Ion Ratio Lower Upper
138 100
92 48.3 28.0 68.0
108 70.6 56.3 96.3

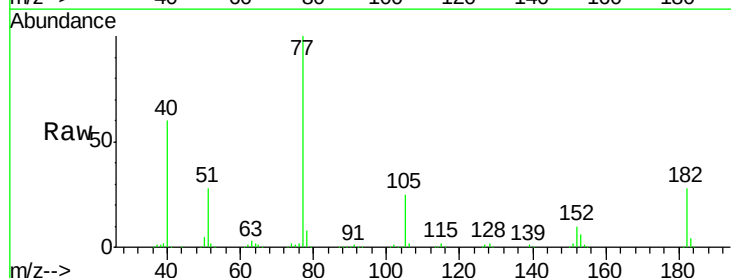


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

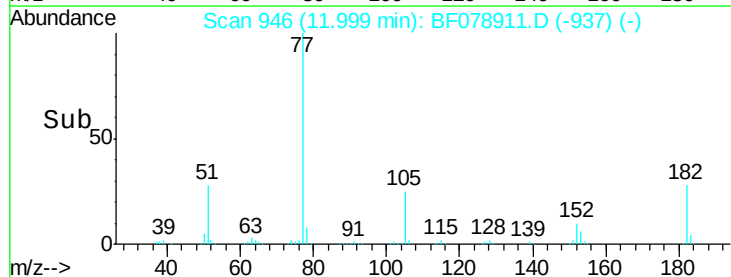
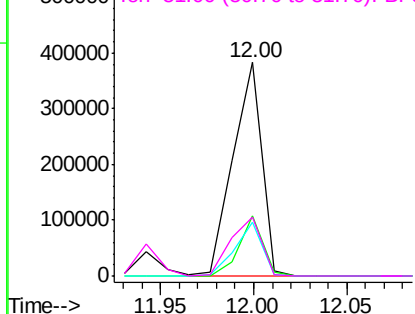


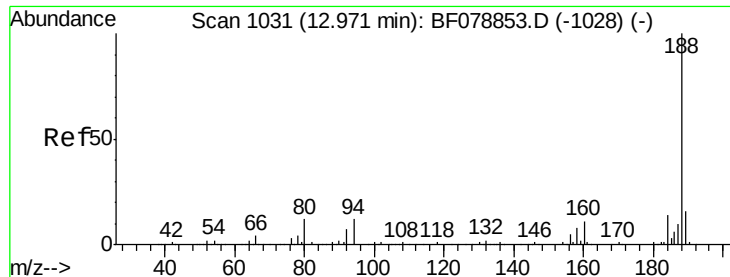
#62
Azobenzene
Concen: 39.78 ng
RT: 12.00 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion: 77 Resp: 415961
Ion Ratio Lower Upper
77 100
182 28.1 3.8 43.8
105 25.3 3.9 43.9
51 27.6 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

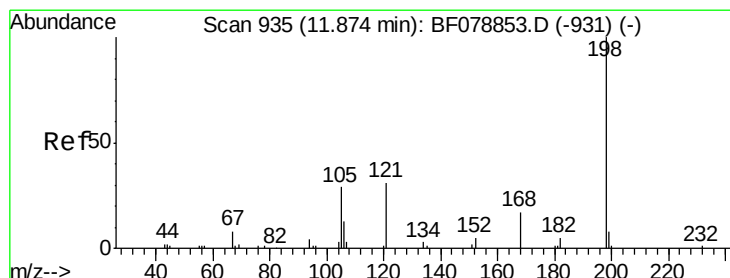
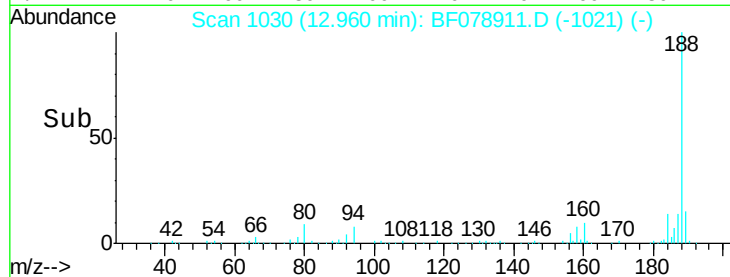
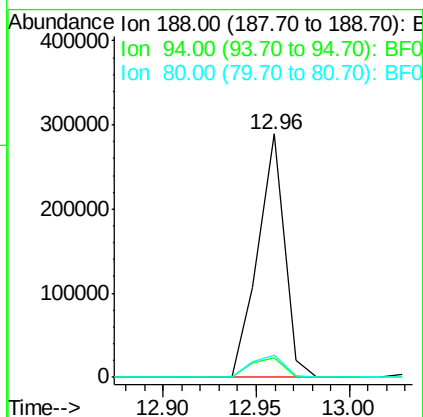
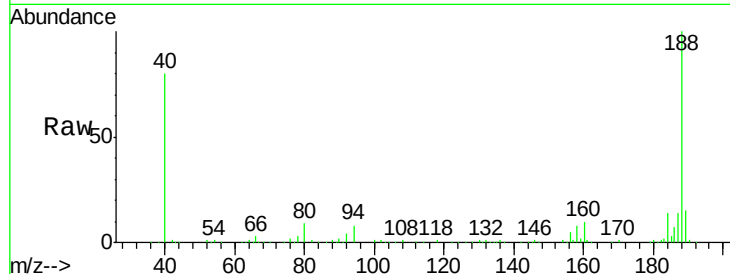




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

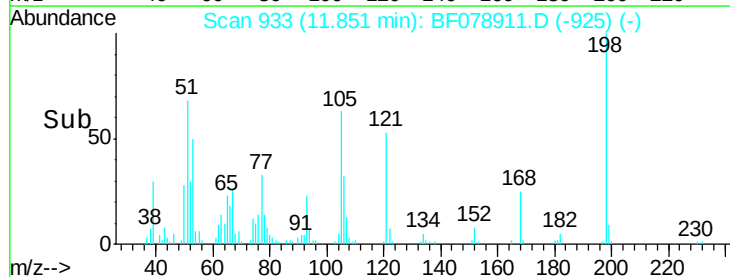
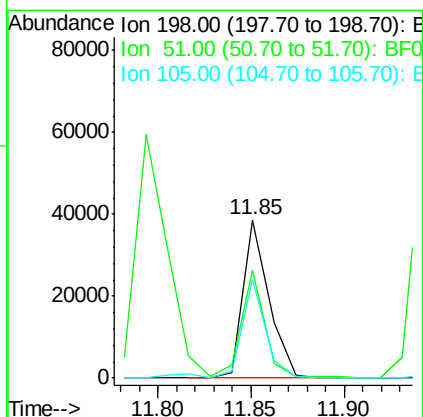
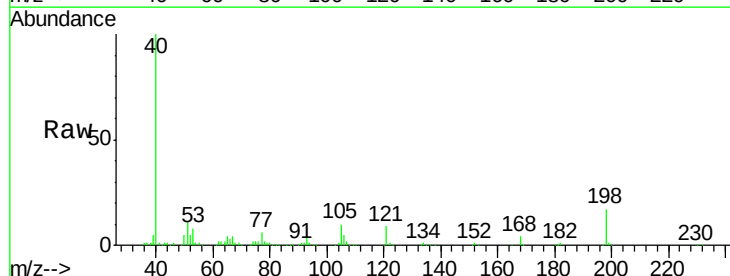
Instrument :
BNA_F
ClientSampleId :
PB83092BS

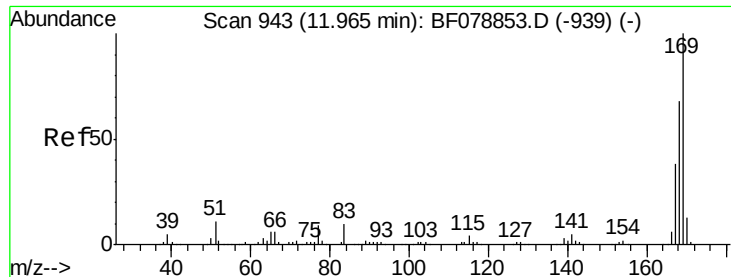
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	9.0	8.9	13.3



#64
4,6-Dinitro-2-methylphenol
Concen: 34.85 ng
RT: 11.85 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion	Ratio	Lower	Upper
198	100		
51	68.1	47.3	87.3
105	62.7	38.8	78.8

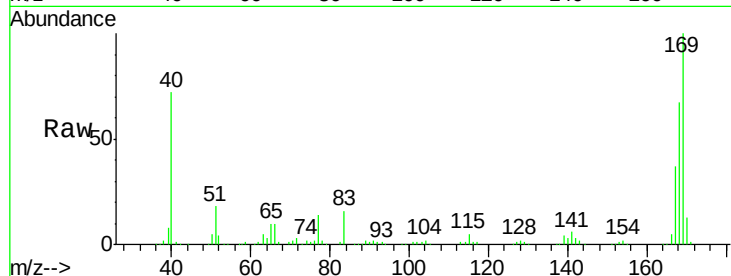




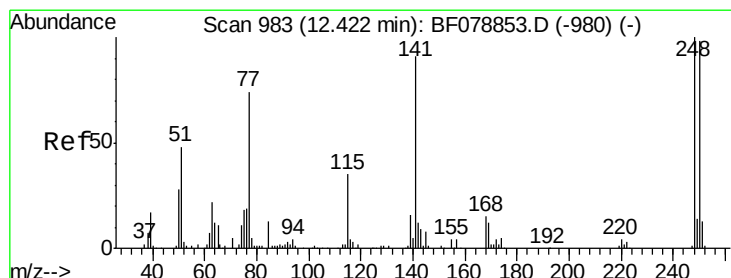
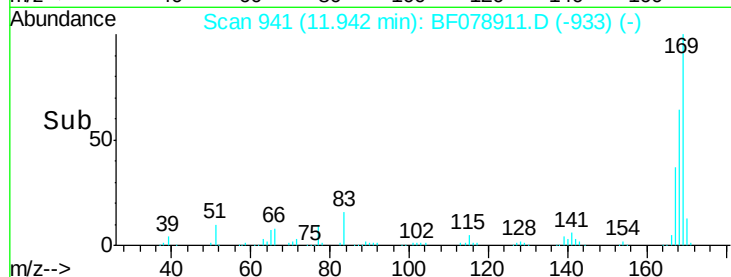
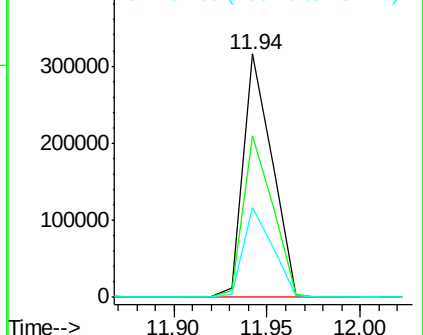
#65
 n-Nitrosodiphenylamine
 Concen: 35.40 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

Tot Ion:169 Resp: 339272
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.6 82.0
 167 37.0 30.6 45.8

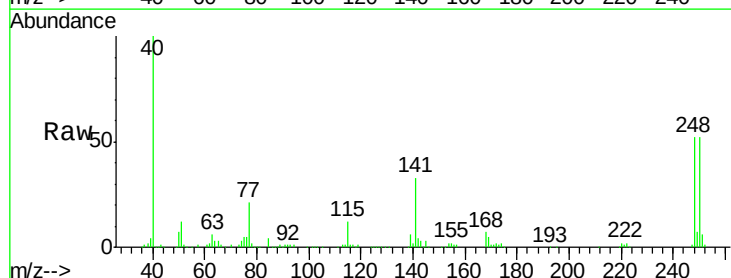


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

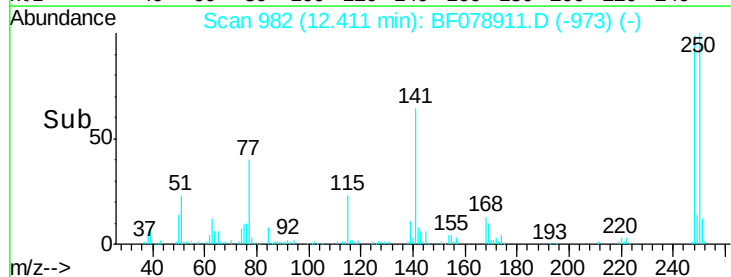
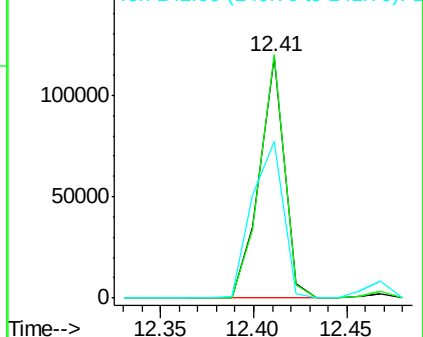


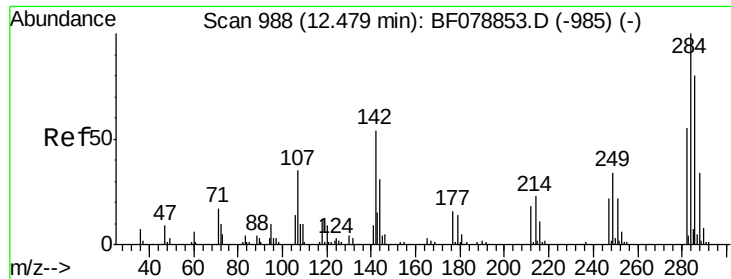
#66
 4-Bromophenyl-phenylether
 Concen: 36.88 ng
 RT: 12.41 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion:248 Resp: 110635
 Ion Ratio Lower Upper
 248 100
 250 100.8 77.1 115.7
 141 64.7 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: 36.74 ng

RT: 12.47 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

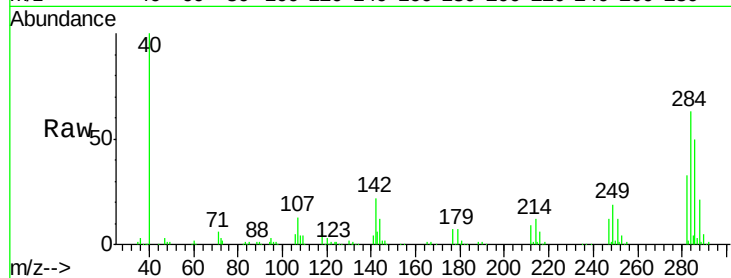
Tot Ion:284 Resp: 125974

Ion Ratio Lower Upper

284 100

142 34.4 35.2 52.8#

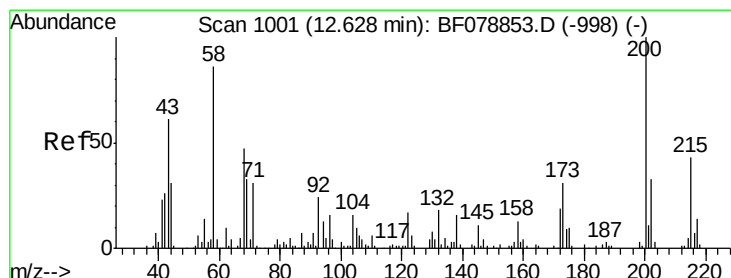
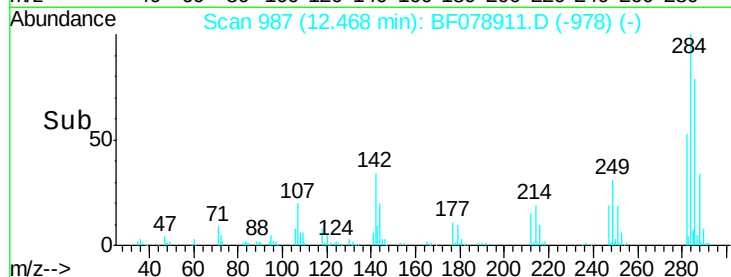
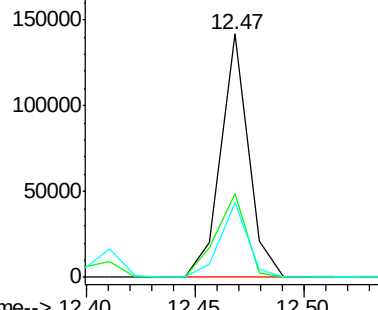
249 30.8 25.4 38.2



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: 37.18 ng

RT: 12.62 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

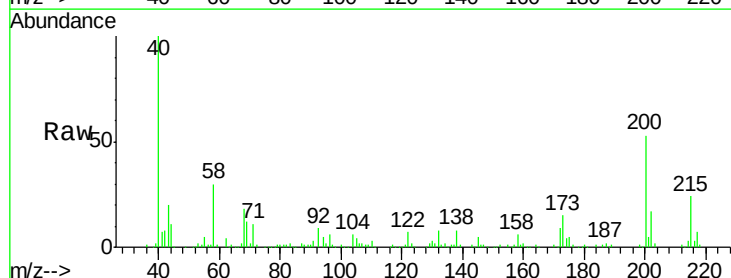
Tgt Ion:200 Resp: 103613

Ion Ratio Lower Upper

200 100

173 28.5 8.1 48.1

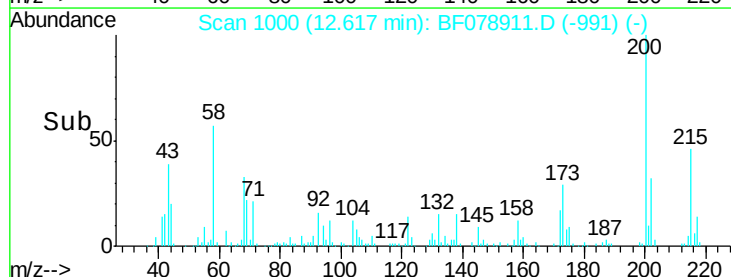
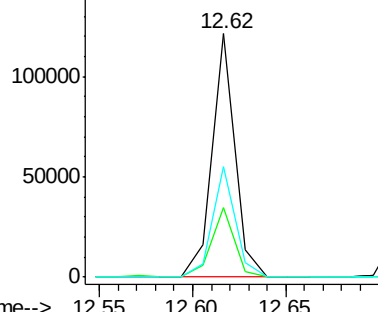
215 45.6 22.9 62.9

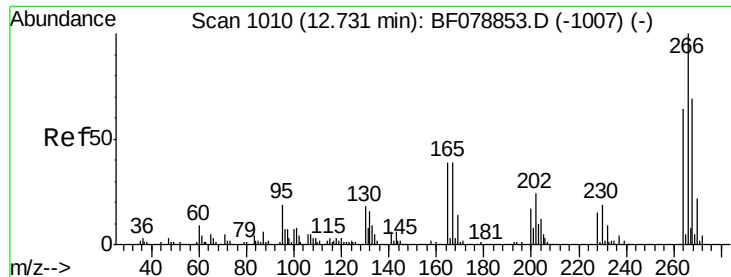


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

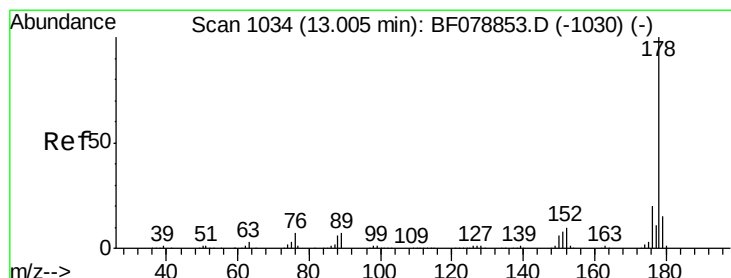
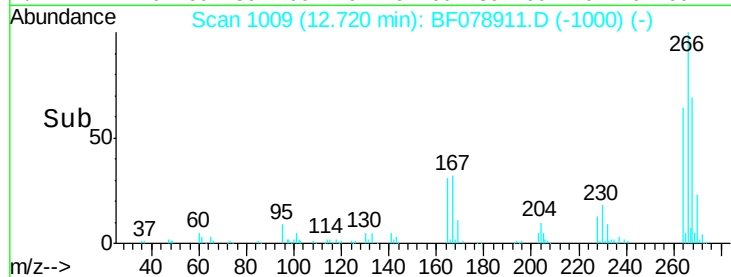
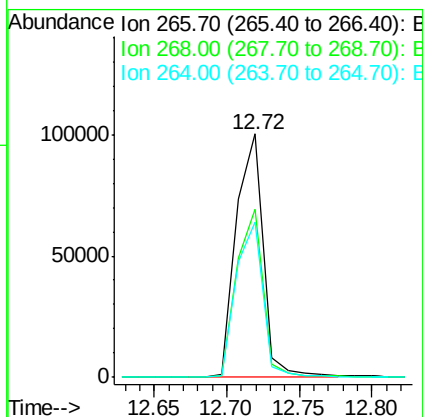
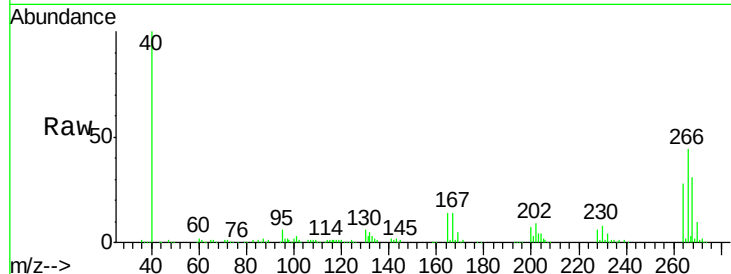




#69
 Pentachlorophenol
 Concen: 66.17 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

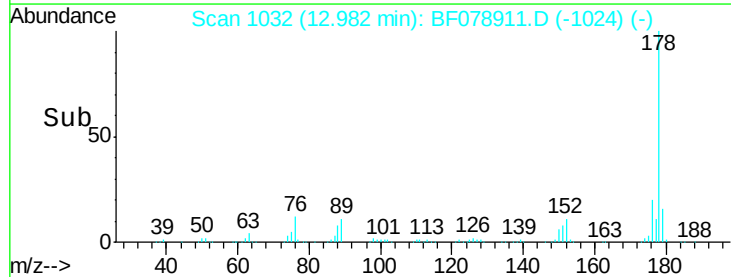
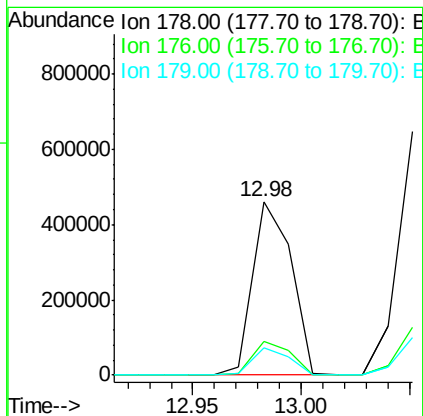
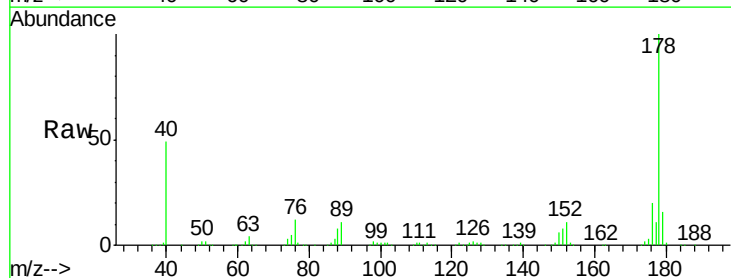
Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

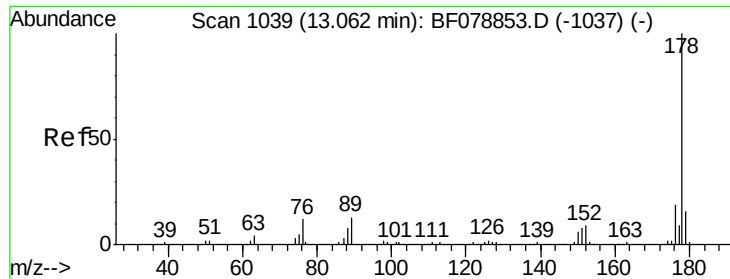
Tot Ion:266 Resp: 130152
 Ion Ratio Lower Upper
 266 100
 268 69.2 55.0 82.6
 264 63.8 48.2 72.2



#70
 Phenanthrene
 Concen: 35.59 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion:178 Resp: 573020
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.8 12.5 18.7

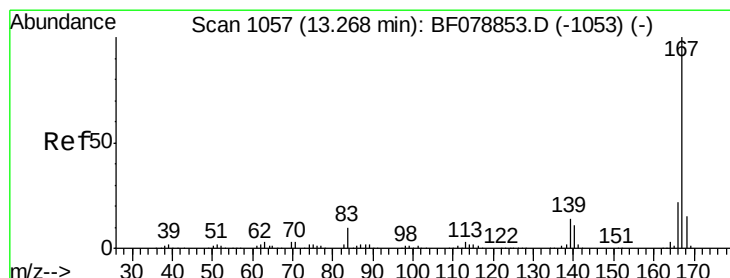
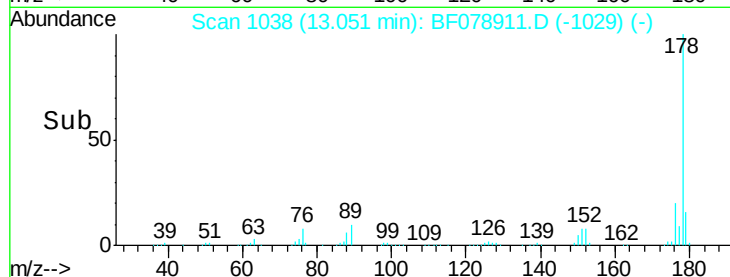
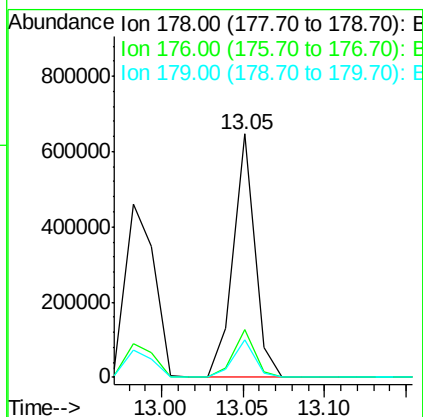
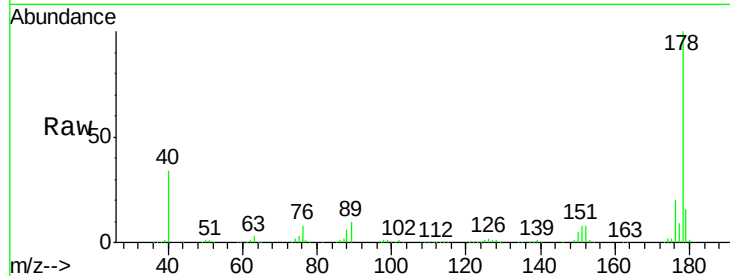




#71
 Anthracene
 Concen: 37.19 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

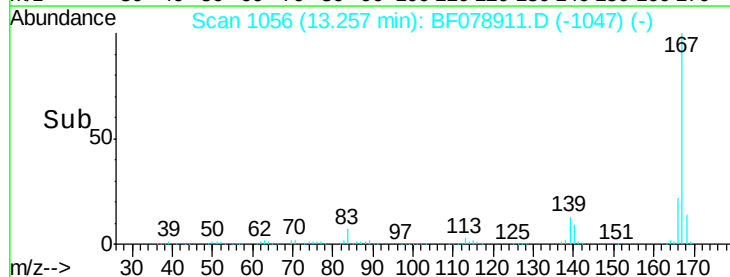
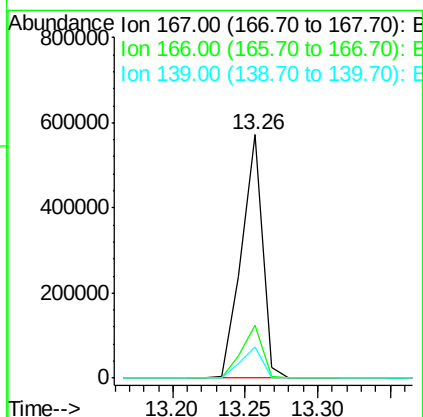
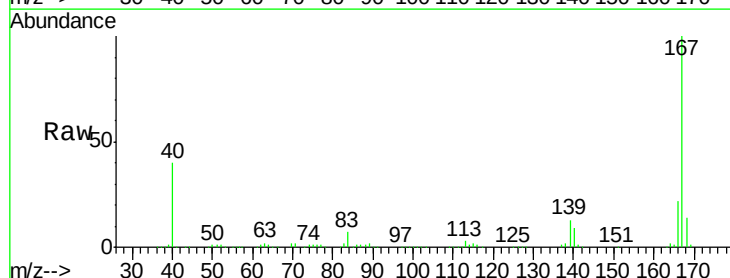
Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

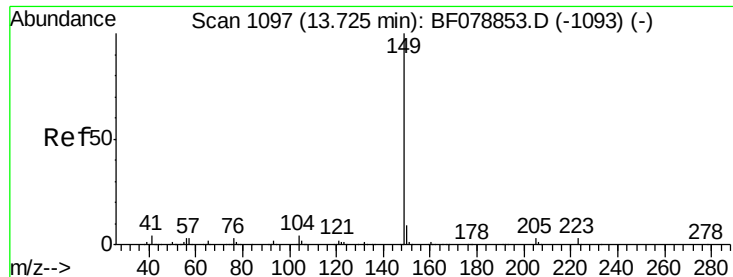
Tot Ion:178 Resp: 587491
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 38.39 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion:167 Resp: 577922
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 12.5 10.6 16.0





#73

Di-n-butylphthalate

Concen: 36.61 ng

RT: 13.70 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

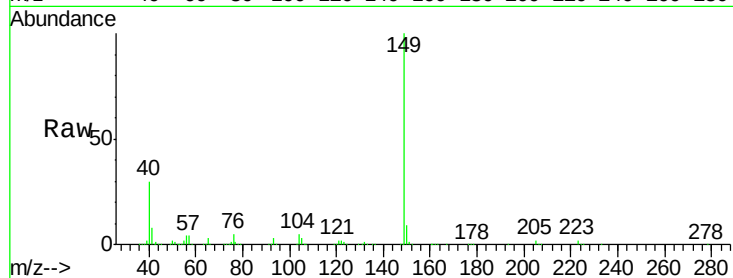
Tot Ion:149 Resp: 660994

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

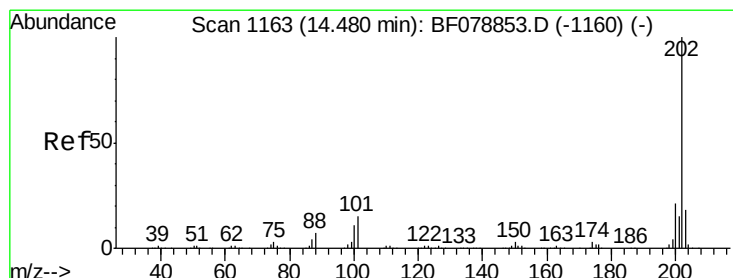
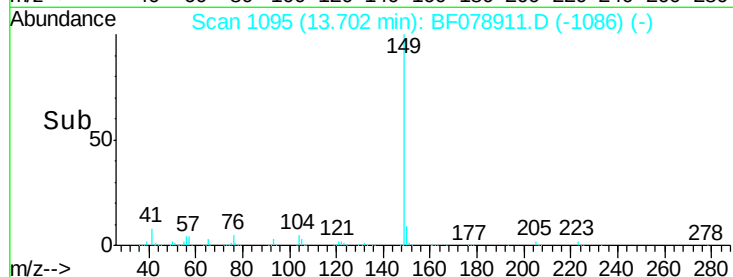
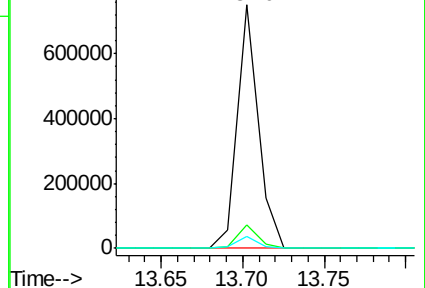
104 5.1 4.6 7.0



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: 37.07 ng

RT: 14.47 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

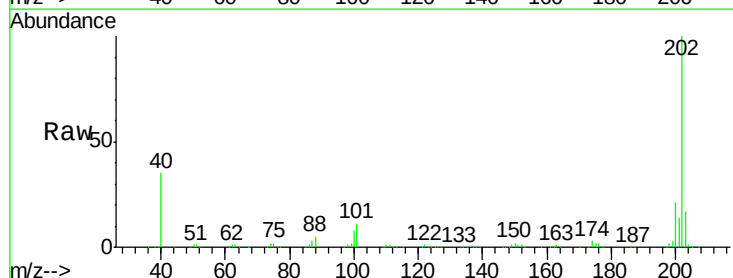
Tgt Ion:202 Resp: 621863

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.6

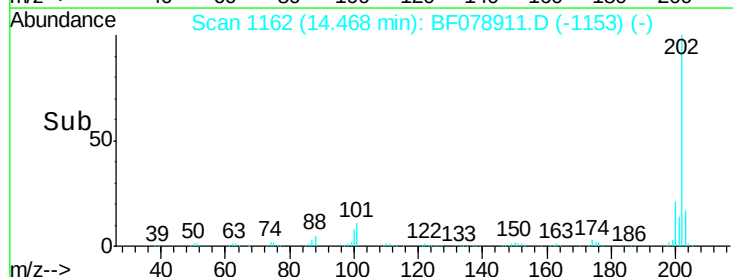
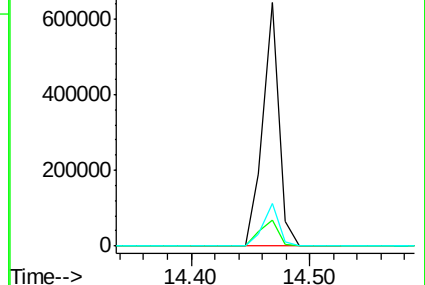
203 17.5 0.0 38.4

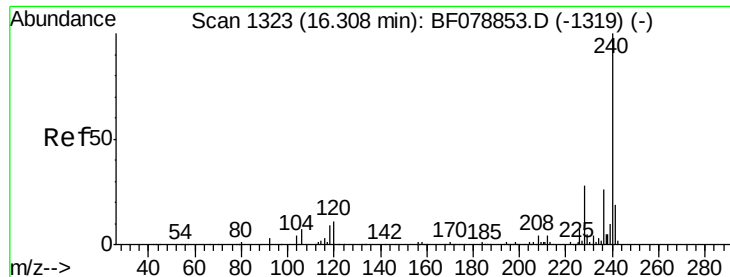


Abundance Ion 202.00 (201.70 to 202.70): E

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

RT: 16.32 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

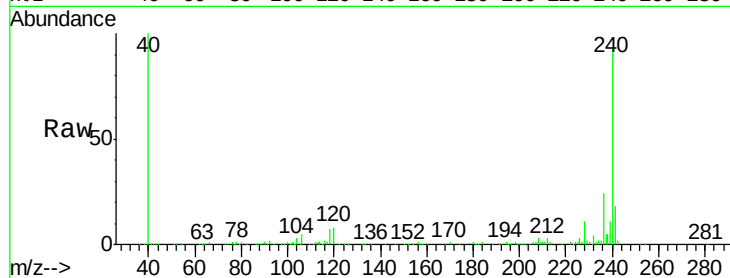
Tot Ion:240 Resp: 292599

Ion Ratio Lower Upper

240 100

120 8.7 9.7 14.5#

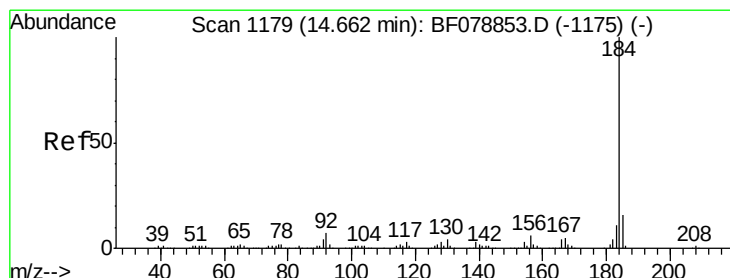
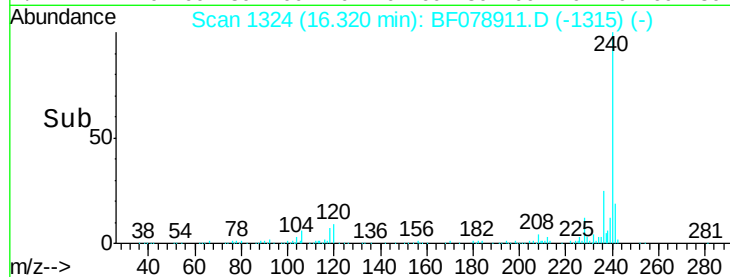
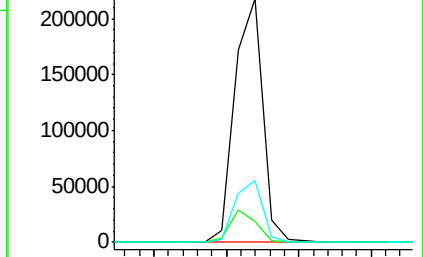
236 25.3 20.2 30.4



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



#76

Benzidine

Concen: 24.29 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

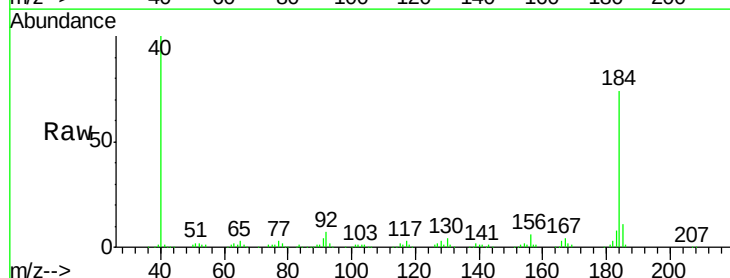
Tgt Ion:184 Resp: 191552

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

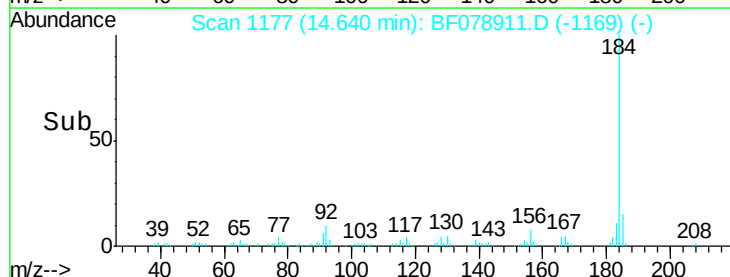
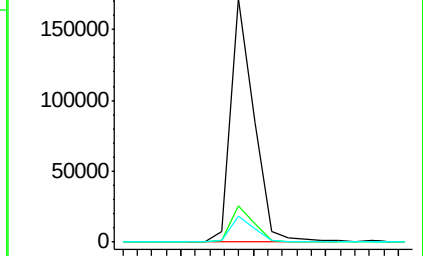
183 10.7 8.4 12.6

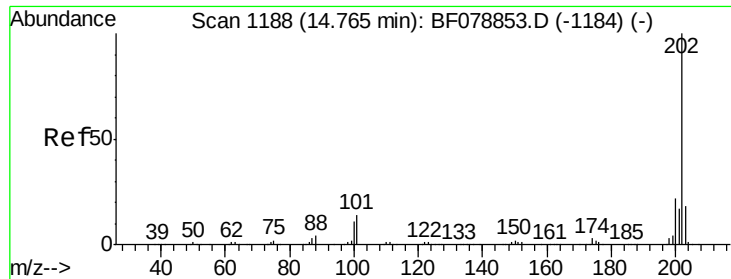


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

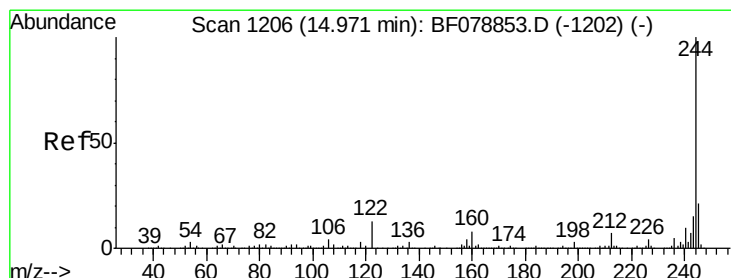
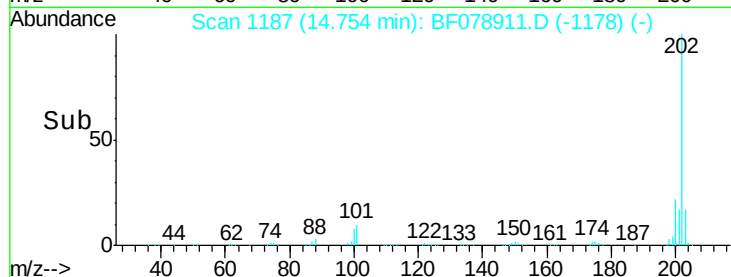
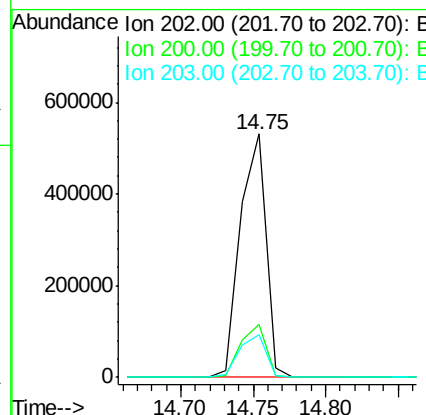
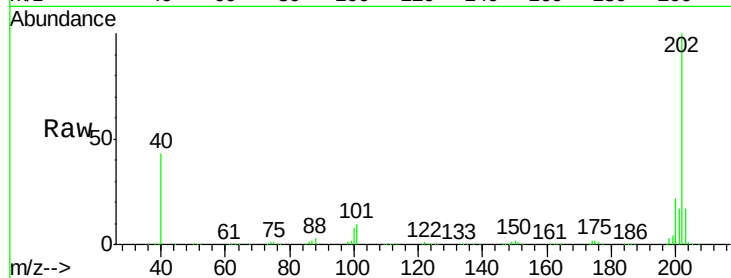




#77
Pvrene
Concen: 38.80 ng
RT: 14.75 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

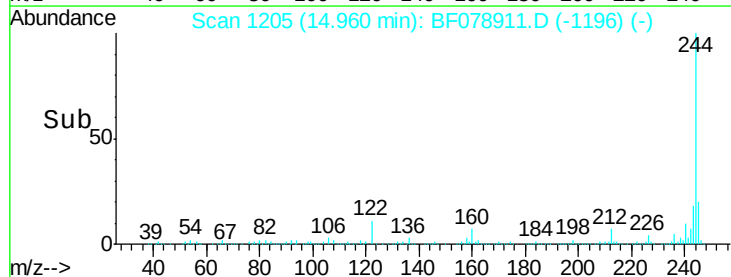
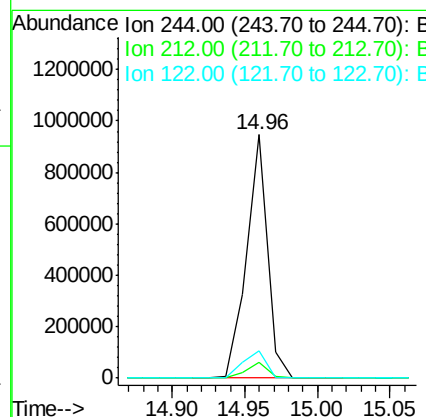
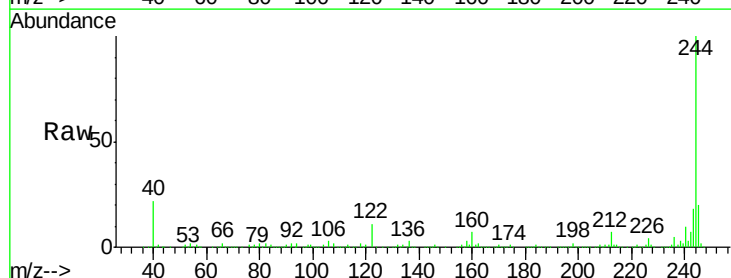
Instrument :
BNA_F
ClientSampleId :
PB83092BS

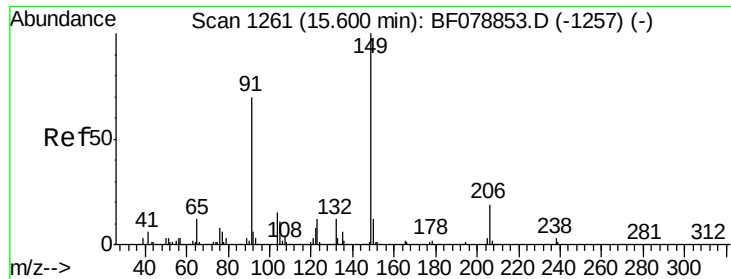
Tot Ion:202 Resp: 654152
Ion Ratio Lower Upper
202 100
200 21.6 17.5 26.3
203 17.5 13.9 20.9



#78
Terphenyl-d14
Concen: 77.55 ng
RT: 14.96 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion:244 Resp: 947829
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 11.0 10.3 15.5

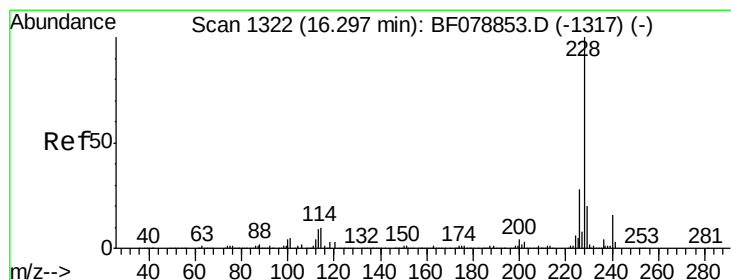
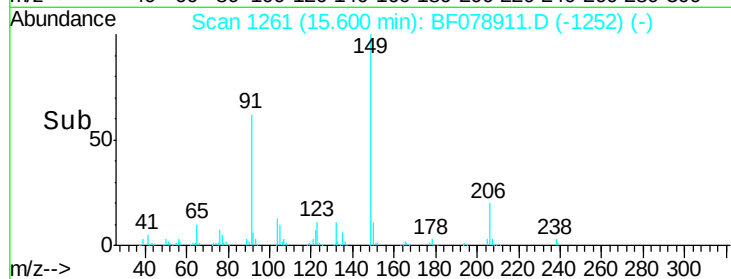
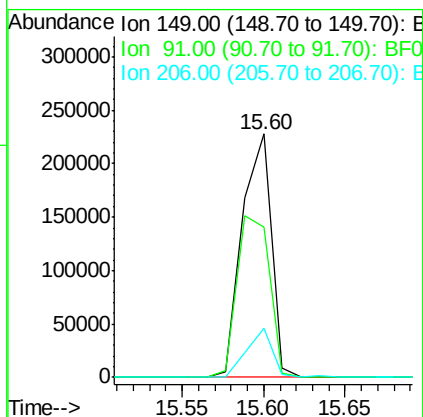
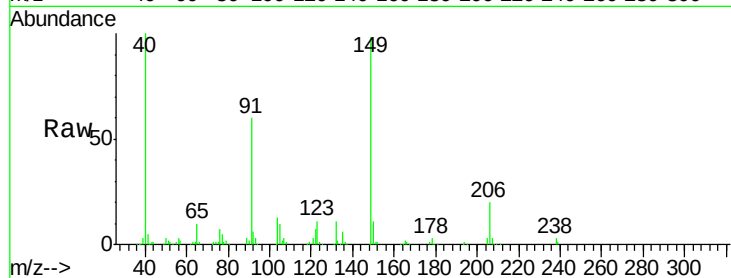




#79
Butylbenzylphthalate
Concen: 38.30 ng
RT: 15.60 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

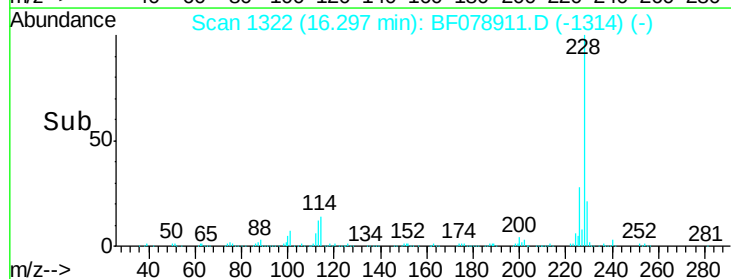
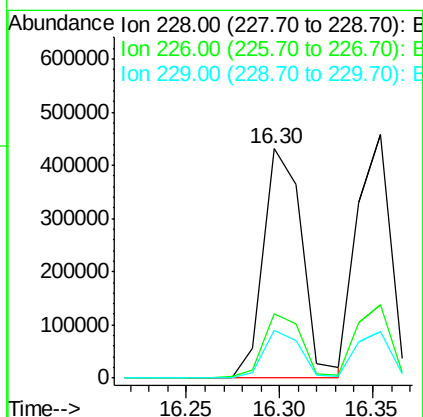
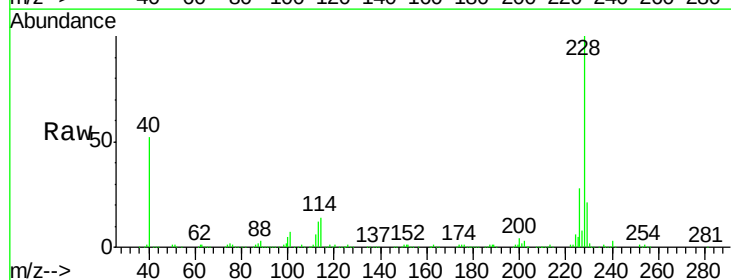
Instrument :
BNA_F
ClientSampleId :
PB83092BS

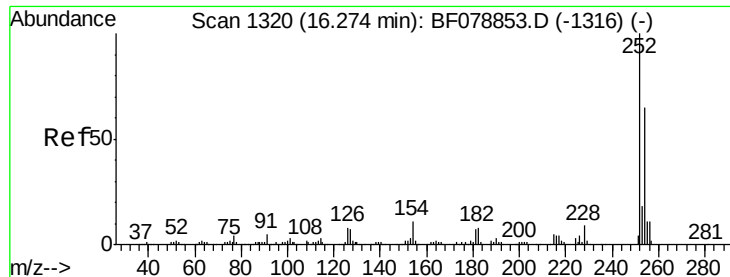
Tot Ion	Ratio	Lower	Upper
149	100		
91	61.6	64.6	97.0#
206	20.2	12.2	18.4#



#80
Benzo(a)anthracene
Concen: 38.53 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.6	15.9	23.9

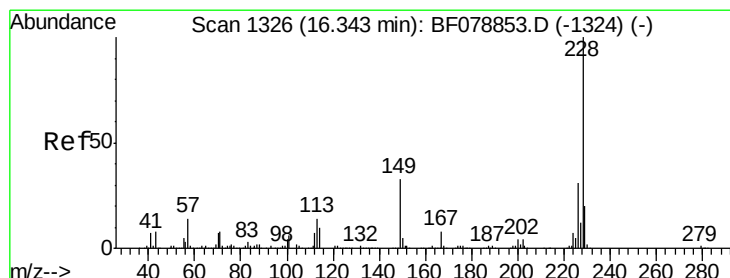
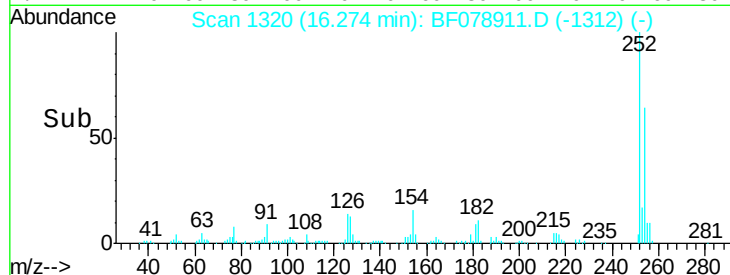
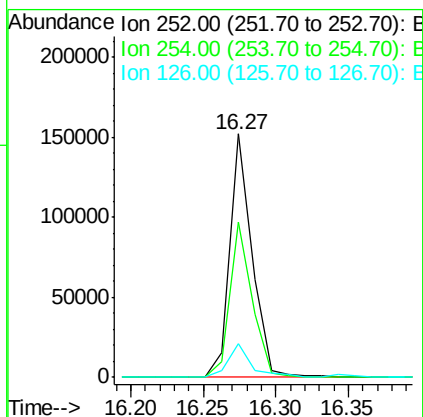
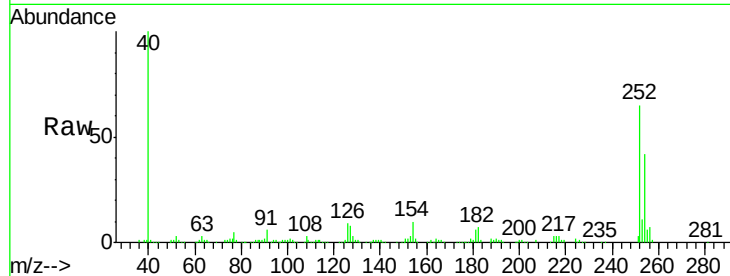




#81
 3,3'-Dichlorobenzidine
 Concen: 28.42 ng
 RT: 16.27 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

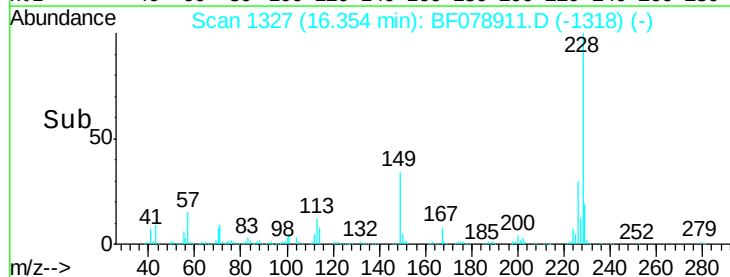
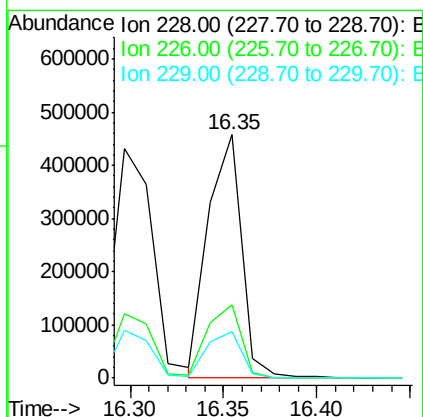
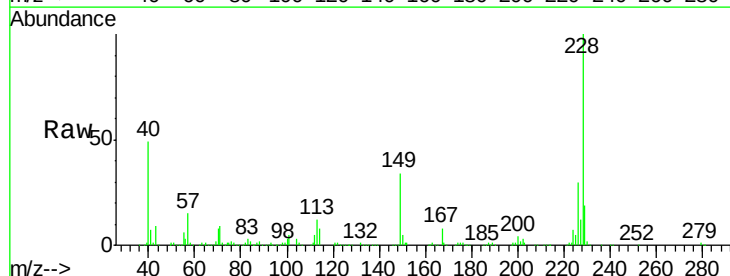
Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

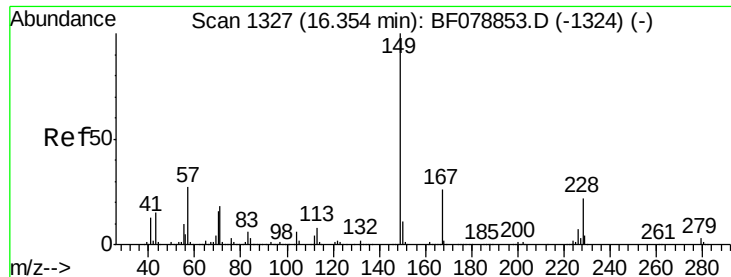
Tot Ion:252 Resp: 162180
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.3 76.9
 126 13.7 6.6 10.0#



#82
 Chrysene
 Concen: 36.90 ng
 RT: 16.35 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF078911.D
 Acq: 4 May 2015 11:39

Tgt Ion:228 Resp: 568598
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.1 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.25 ng

RT: 16.37 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

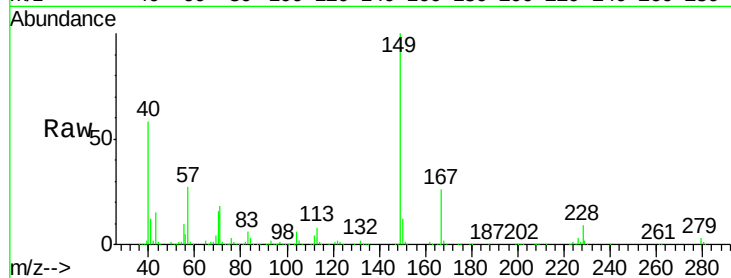
Tot Ion:149 Resp: 427035

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.8

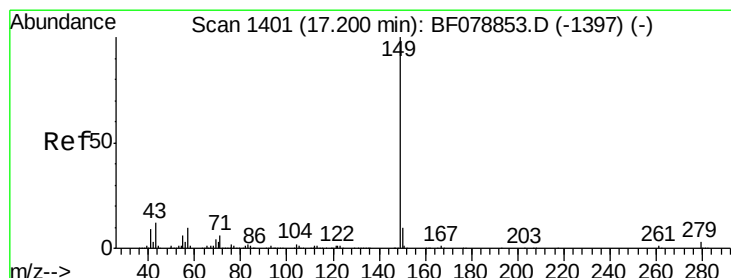
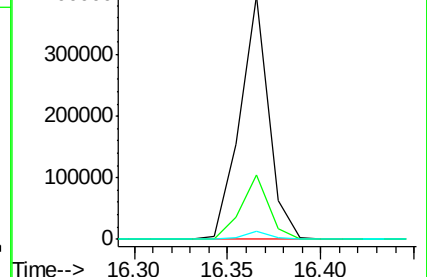
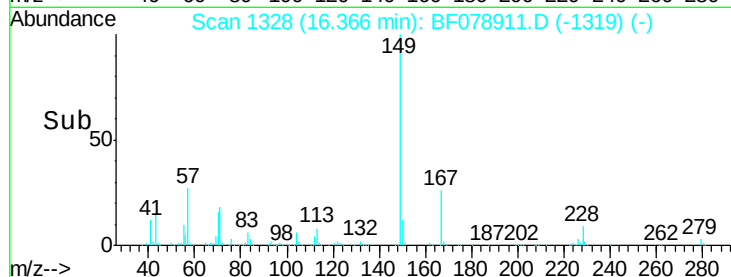
279 3.4 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.02 ng

RT: 17.23 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

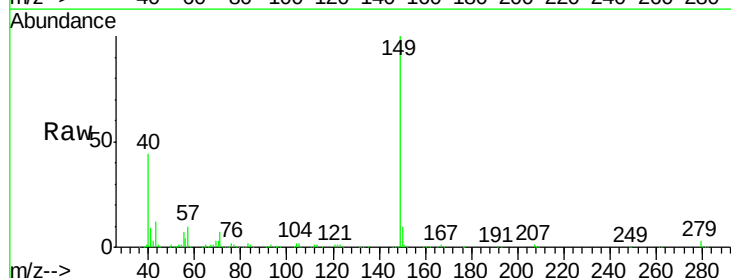
Tgt Ion:149 Resp: 708281

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

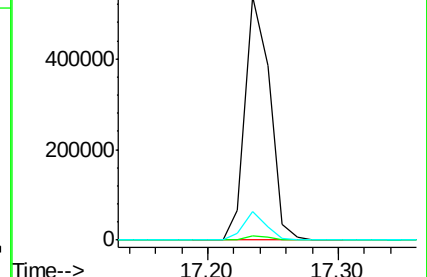
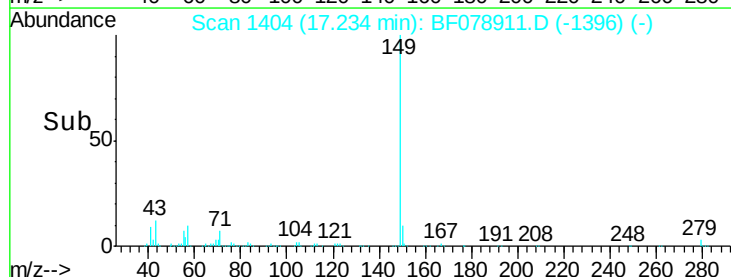
43 10.9 0.0 0.0#

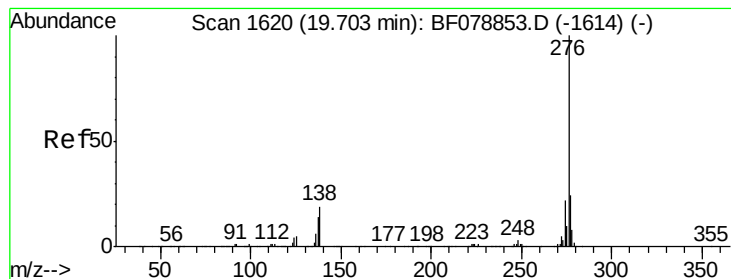


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.00 ng

RT: 19.76 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

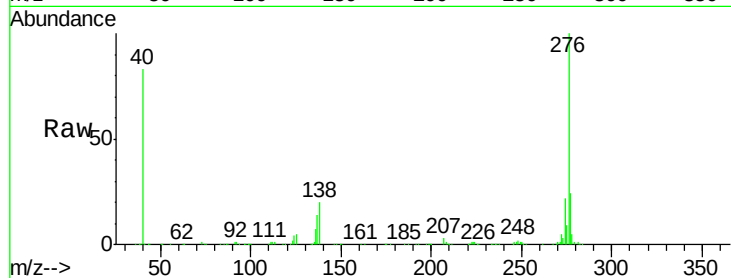
Tot Ion:276 Resp: 706907

Ion Ratio Lower Upper

276 100

138 26.1 0.0 0.0#

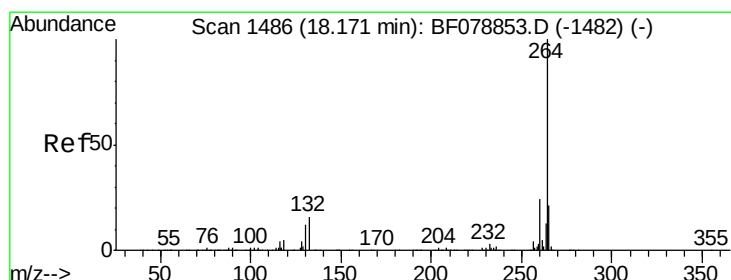
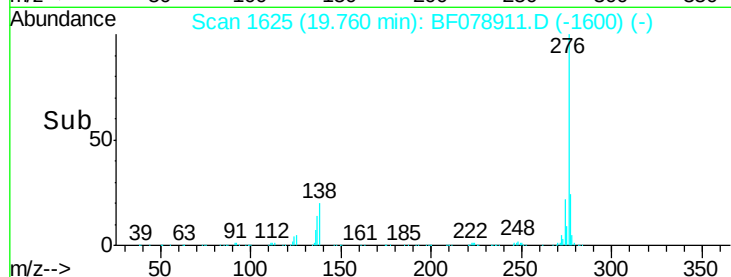
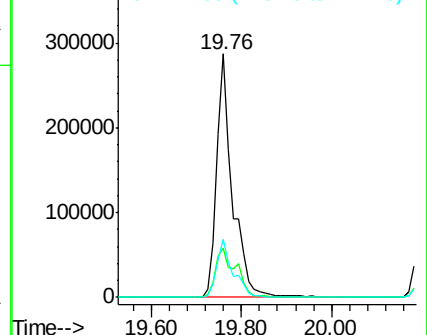
277 24.7 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.23 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

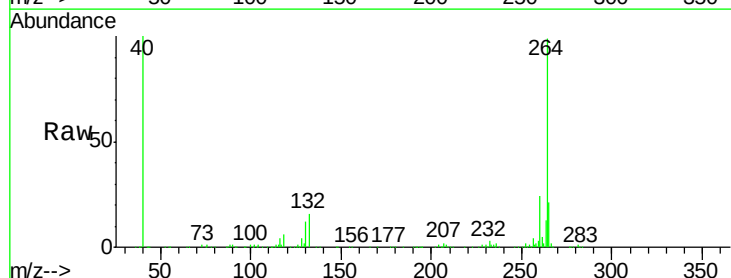
Tgt Ion:264 Resp: 295385

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

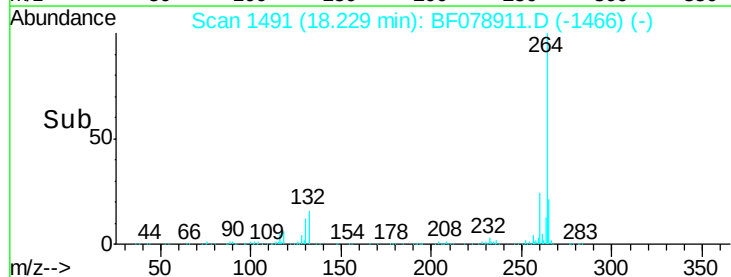
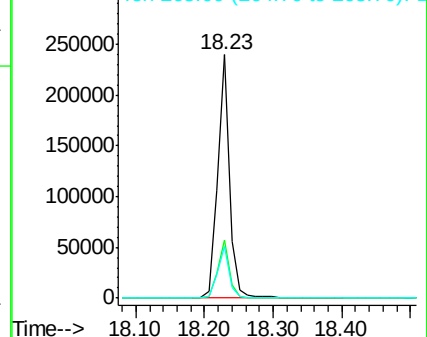
265 21.0 18.3 27.5

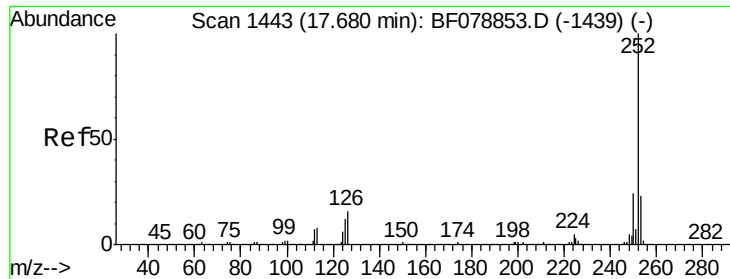


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

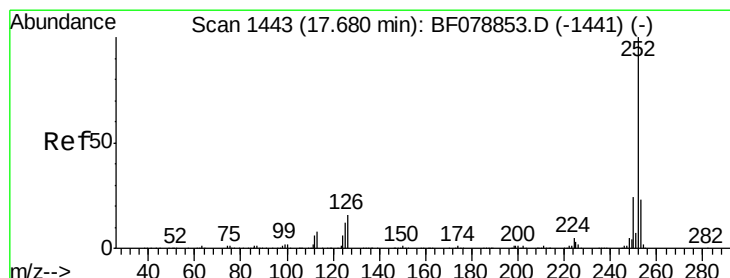
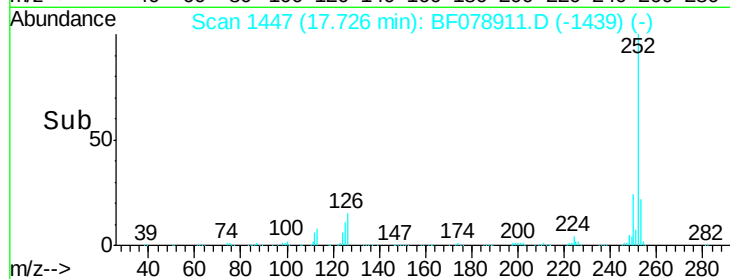
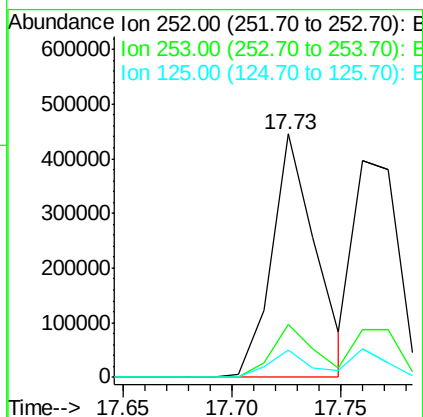
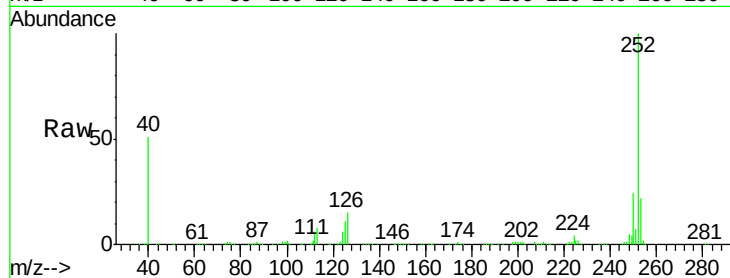




#87
Benzo(b)fluoranthene
Concen: 38.78 ng
RT: 17.73 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

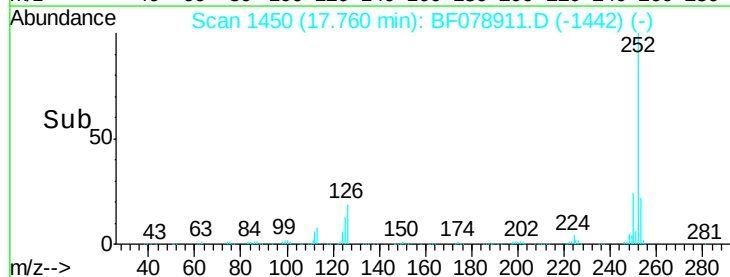
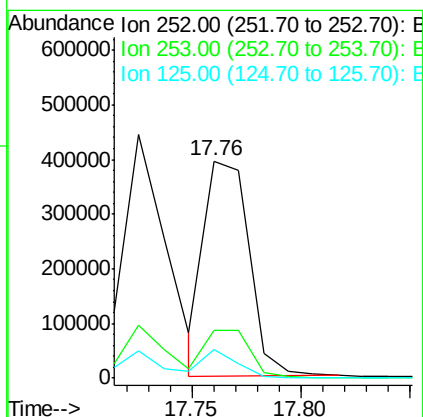
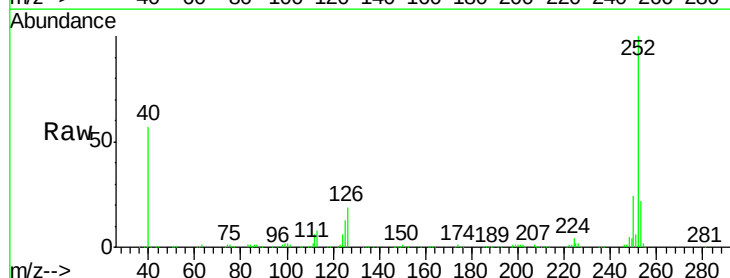
Instrument :
BNA_F
ClientSampleId :
PB83092BS

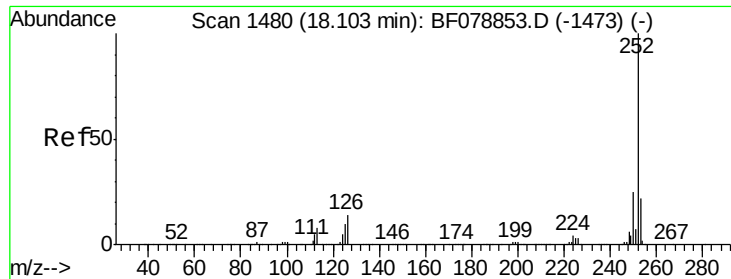
Tot Ion:252 Resp: 626998
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.3 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 36.22 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion:252 Resp: 566989
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 12.9 10.0 15.0

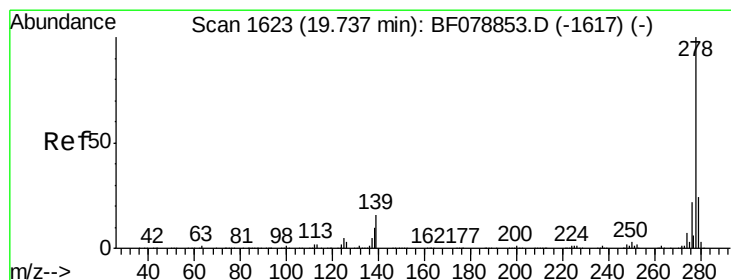
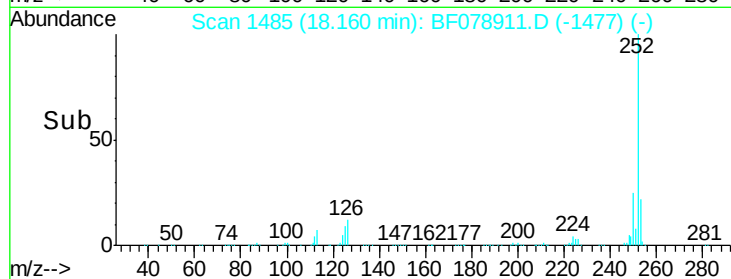
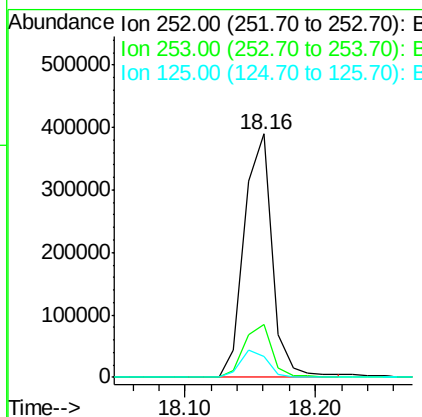
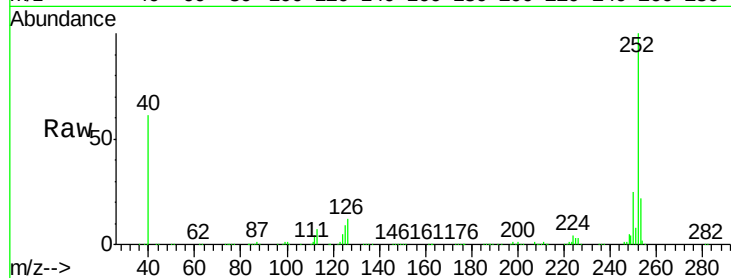




#89
Benzo(a)pyrene
Concen: 39.00 ng
RT: 18.16 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

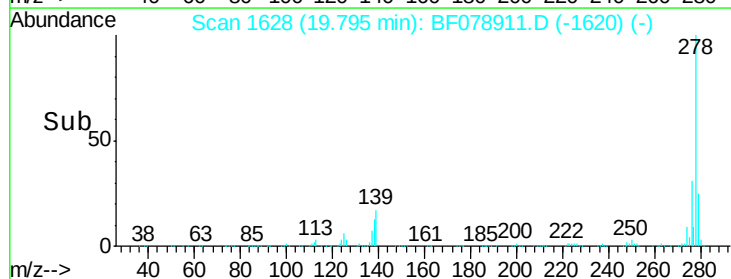
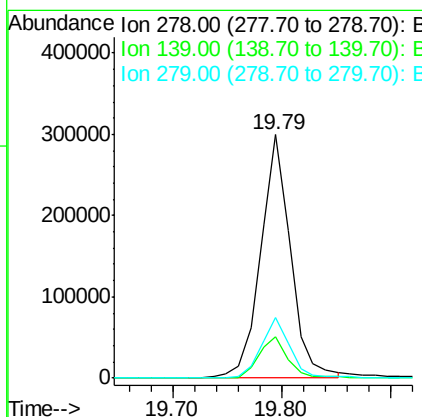
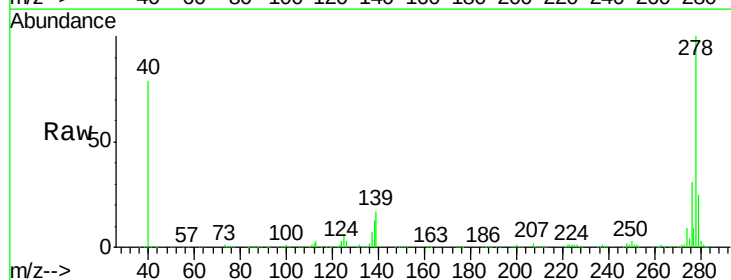
Instrument :
BNA_F
ClientSampleId :
PB83092BS

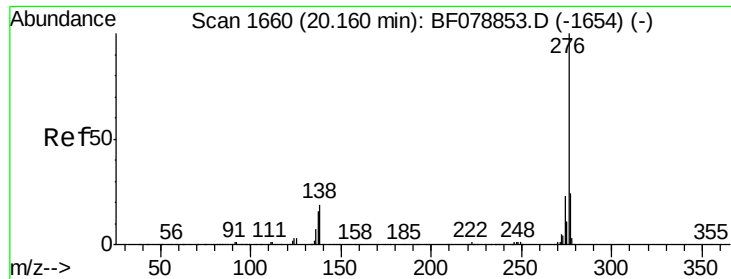
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	8.8	7.0	10.6



#90
Dibenzo(a,h)anthracene
Concen: 36.44 ng
RT: 19.79 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BF078911.D
Acq: 4 May 2015 11:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.8	19.2
279	25.0	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 37.08 ng

RT: 20.22 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF078911.D

Acq: 4 May 2015 11:39

Instrument :

BNA_F

ClientSampleId :

PB83092BS

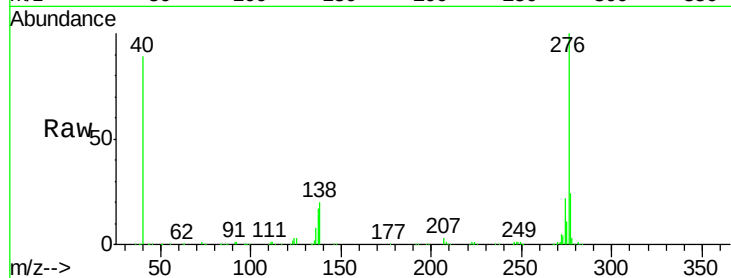
Tot Ion: 276 Resp: 587999

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 20.3 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

