

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078918.D
 Acq On : 4 May 2015 15:00
 Operator : TP/IZ
 Sample : G2096-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

Quant Time: May 05 02:04:21 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	79566	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	329210	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	161859	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	315172	20.00	ng	0.00
75) Chrysene-d12	16.25	240	325436m	20.00	ng	-0.07
86) Perylene-d12	17.98	264	323521	20.00	ng	-0.26

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	697133	150.82	ng	0.01
7) Phenol-d6	6.91	99	941033	154.02	ng	0.01
23) Nitrobenzene-d5	8.04	82	493965	86.23	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	265097	151.40	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	1050621	90.43	ng	0.00
78) Terphenyl-d14	14.95	244	1149426m	84.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	77820	38.72	ng	# 26
3) Pyridine	3.10	79	208541	35.46	ng	96
4) n-Nitrosodimethylamine	3.02	42	115501m	45.83	ng	
6) Aniline	6.95	93	243922	28.28	ng	99
8) 2-Chlorophenol	7.08	128	248492	47.40	ng	98
9) Benzaldehyde	6.81	77	115574	28.08	ng	96
10) Phenol	6.92	94	357643	50.46	ng	96
11) bis(2-Chloroethyl)ether	7.04	93	233308	44.90	ng	98
12) 1,3-Dichlorobenzene	7.28	146	257254	43.66	ng	97
13) 1,4-Dichlorobenzene	7.38	146	263503	43.45	ng	98
14) 1,2-Dichlorobenzene	7.56	146	261569	46.33	ng	99
15) Benzyl Alcohol	7.53	79	200072	44.11	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.71	45	366892	46.15	ng	100
17) 2-Methylphenol	7.68	107	203618	48.26	ng	94
18) Hexachloroethane	7.98	117	92492	44.28	ng	# 78
19) n-Nitroso-di-n-propylamine	7.87	70	190145	46.08	ng	# 83
20) 3+4-Methylphenols	7.86	107	266120	47.34	ng	92
22) Acetophenone	7.86	105	356853	47.98	ng	# 97
24) Nitrobenzene	8.07	77	253413	44.63	ng	99
25) Isophorone	8.36	82	477520	44.97	ng	99
26) 2-Nitrophenol	8.47	139	112906	48.04	ng	95
27) 2,4-Dimethylphenol	8.52	122	232513	49.44	ng	93
28) bis(2-Chloroethoxy)methane	8.65	93	319292	48.77	ng	99
29) 2,4-Dichlorophenol	8.75	162	208385	49.83	ng	96
30) 1,2,4-Trichlorobenzene	8.87	180	214967	46.80	ng	97
31) Naphthalene	8.96	128	727607	46.38	ng	100
32) Benzoic acid	8.62	122	106439	37.70	ng	97
33) 4-Chloroaniline	9.03	127	156099	23.52	ng	99
34) Hexachlorobutadiene	9.12	225	117051	44.25	ng	97
35) Caprolactam	9.45	113	67404	49.85	ng	91
36) 4-Chloro-3-methylphenol	9.63	107	227991	51.91	ng	89
37) 2-Methylnaphthalene	9.82	142	514350	47.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	202578	44.44	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	226678	98.89	ng	99

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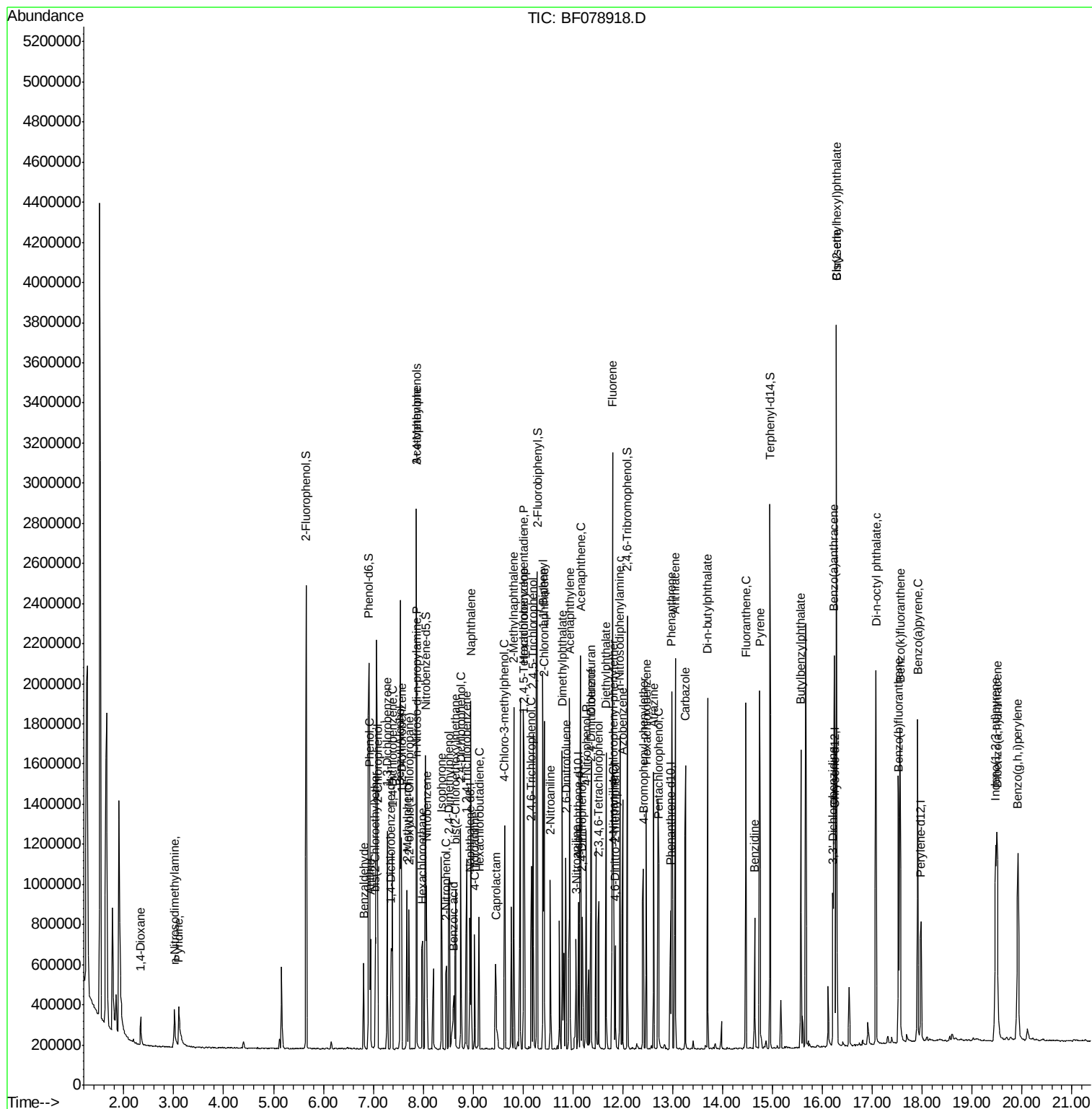
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	149420	47.68	nq	96
43) 2,4,5-Trichlorophenol	10.20	196	152086	48.00	nq	# 86
45) 1,1'-Biphenyl	10.40	154	591734	45.99	nq	99
46) 2-Chloronaphthalene	10.42	162	468591	46.69	nq	98
47) 2-Nitroaniline	10.55	65	135968	46.75	nq	97
48) Acenaphthylene	10.94	152	760437	46.14	nq	100
49) Dimethylphthalate	10.79	163	601957	50.67	nq	99
50) 2,6-Dinitrotoluene	10.86	165	112276	47.89	nq	92
51) Acenaphthene	11.15	154	455868	46.39	nq	99
52) 3-Nitroaniline	11.06	138	100388	34.28	nq	# 98
53) 2,4-Dinitrophenol	11.19	184	76954	78.38	nq	# 81
54) Dibenzofuran	11.37	168	701796	49.44	nq	97
55) 4-Nitrophenol	11.27	139	238625	102.95	nq	96
56) 2,4-Dinitrotoluene	11.36	165	154152	49.74	nq	# 67
57) Fluorene	11.79	166	557461	47.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	124909	48.24	nq	# 100
59) Diethylphthalate	11.67	149	570903	48.51	nq	99
60) 4-Chlorophenyl-phenylether	11.81	204	237510	45.95	nq	92
61) 4-Nitroaniline	11.82	138	133396	45.53	nq	94
62) Azobenzene	12.00	77	571093	49.25	nq	94
64) 4,6-Dinitro-2-methylphenol	11.85	198	57225	44.78	nq	94
65) n-Nitrosodiphenylamine	11.94	169	464063	44.21	nq	97
66) 4-Bromophenyl-phenylether	12.41	248	156015	47.49	nq	90
67) Hexachlorobenzene	12.47	284	170051	45.29	nq	# 88
68) Atrazine	12.62	200	146052	47.85	nq	99
69) Pentachlorophenol	12.72	266	189481	85.72	nq	97
70) Phenanthrene	12.98	178	775908	44.01	nq	99
71) Anthracene	13.05	178	792214	45.80	nq	100
72) Carbazole	13.26	167	785854	47.67	nq	98
73) Di-n-butylphthalate	13.70	149	927305	46.90	nq	99
74) Fluoranthene	14.47	202	848413	46.18	nq	94
76) Benzidine	14.64	184	252361m	28.77	nq	
77) Pyrene	14.74	202	875864m	46.70	nq	
79) Butylbenzylphthalate	15.57	149	406599	49.60	nq	99
80) Benzo(a)anthracene	16.24	228	823039	46.18	nq	99
81) 3,3'-Dichlorobenzidine	16.22	252	231439	36.46	nq	100
82) Chrysene	16.29	228	750587	43.79	nq	99
83) Bis(2-ethylhexyl)phthalate	16.29	149	620952	50.01	nq	# 99
84) Di-n-octyl phthalate	17.07	149	1045923m	47.83	nq	
85) Indeno(1,2,3-cd)pyrene	19.47	276	964883	44.18	nq	# 100
87) Benzo(b)fluoranthene	17.53	252	837225m	47.28	nq	
88) Benzo(k)fluoranthene	17.55	252	752261m	43.88	nq	
89) Benzo(a)pyrene	17.91	252	784688	48.13	nq	# 98
90) Dibenzo(a,h)anthracene	19.50	278	772428	44.57	nq	98
91) Benzo(g,h,i)perylene	19.92	276	774076	44.57	nq	98

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

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

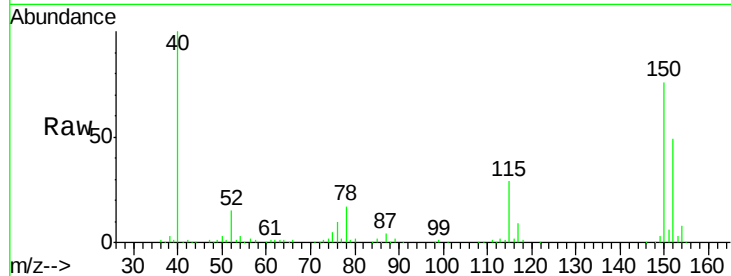
Tot Ion:152 Resp: 79566

Ion Ratio Lower Upper

152 100

150 155.1 122.0 183.0

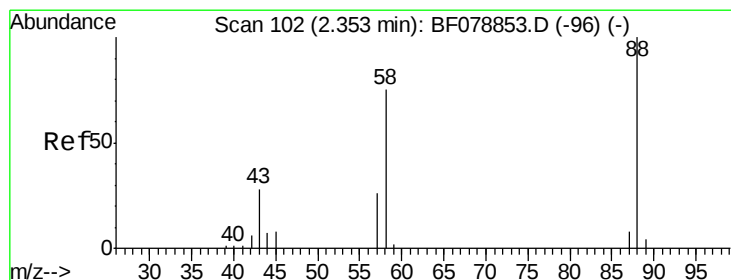
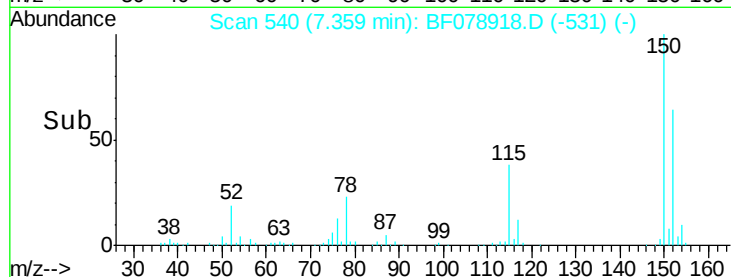
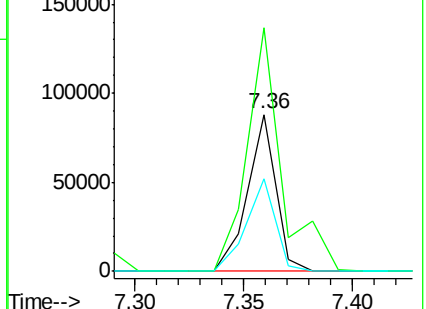
115 59.0 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.72 ng

RT: 2.34 min Scan# 101

Delta R.T. 0.02 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

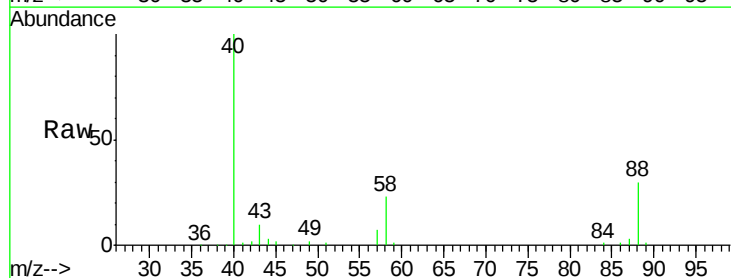
Tgt Ion: 88 Resp: 77820

Ion Ratio Lower Upper

88 100

58 79.3 0.0 0.0#

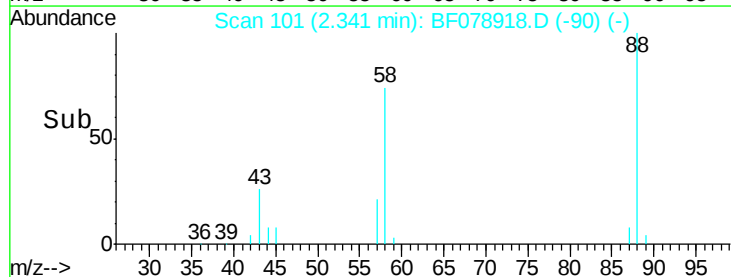
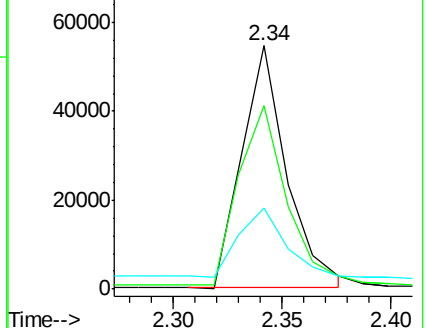
43 28.3 3.3 4.9#

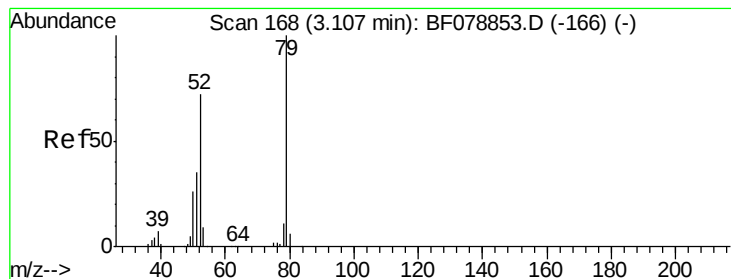


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.46 ng

RT: 3.10 min Scan# 167

Delta R.T. 0.02 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

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ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

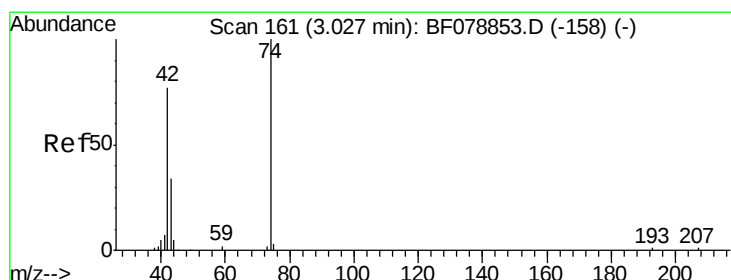
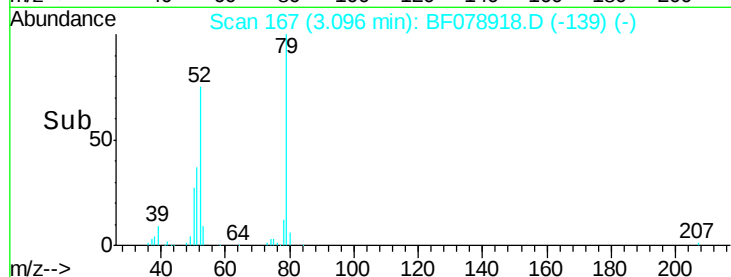
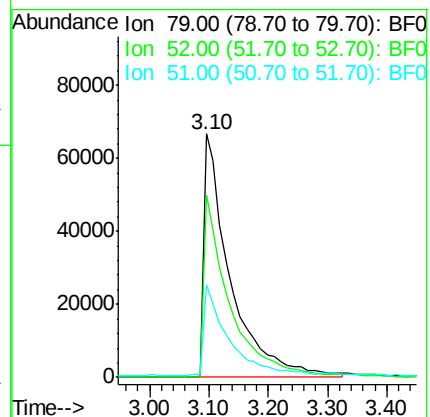
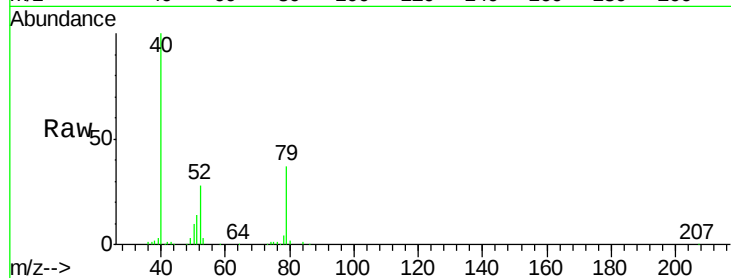
Tot Ion: 79 Resp: 208541

Ion Ratio Lower Upper

79 100

52 74.6 57.2 85.8

51 37.9 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 45.83 ng m

RT: 3.02 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

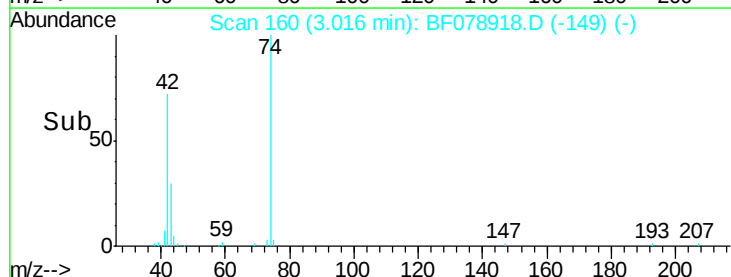
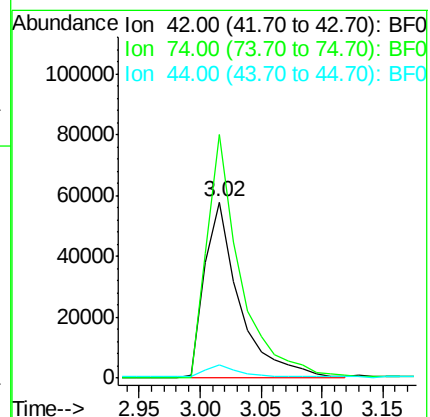
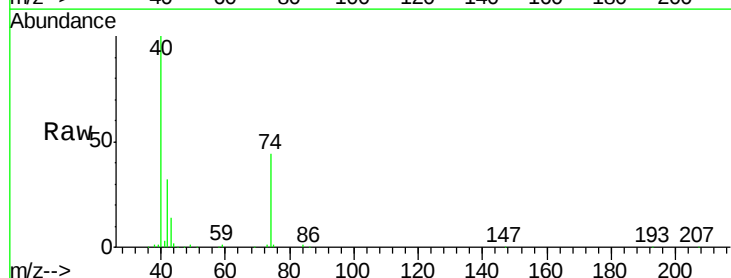
Tgt Ion: 42 Resp: 115501

Ion Ratio Lower Upper

42 100

74 138.1 96.5 144.7

44 7.4 6.1 9.1





#5

2-Fluorophenol

Concen: 150.82 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

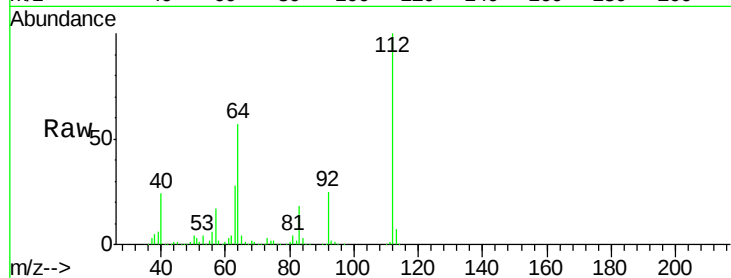
Tot Ion:112 Resp: 697133

Ion Ratio Lower Upper

112 100

64 57.1 53.5 80.3

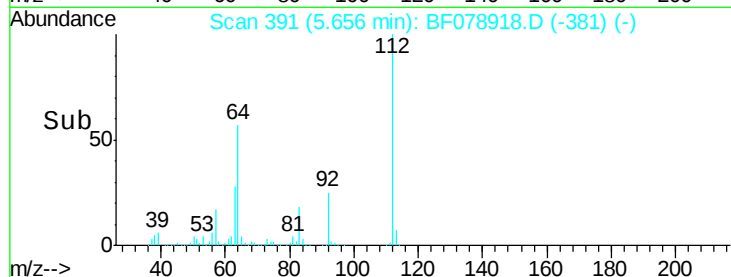
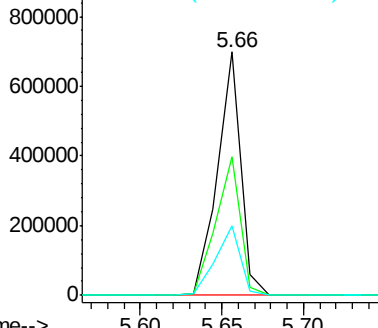
63 28.5 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.28 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

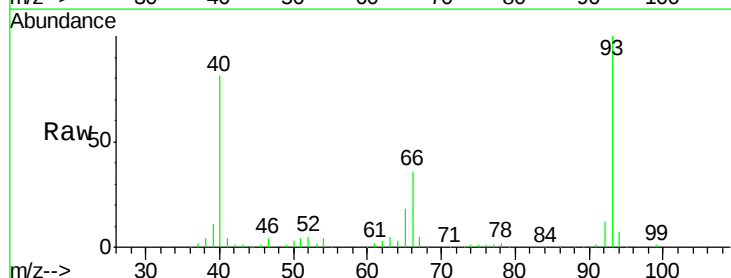
Tgt Ion: 93 Resp: 243922

Ion Ratio Lower Upper

93 100

66 36.3 29.7 44.5

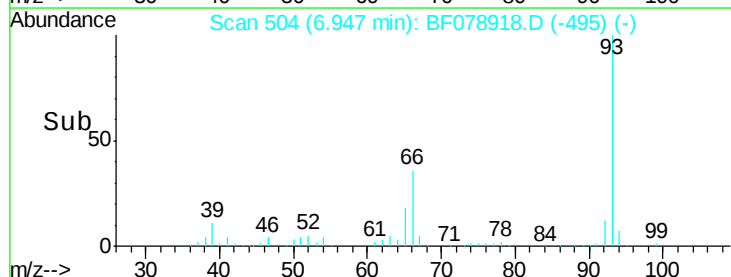
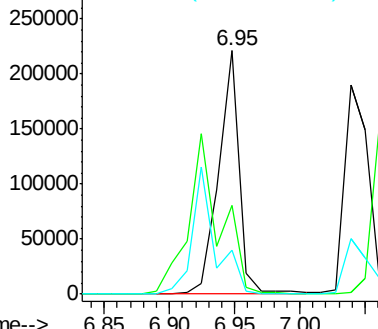
65 17.9 14.6 22.0



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: 154.02 ng

RT: 6.91 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

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ClientSampleId :

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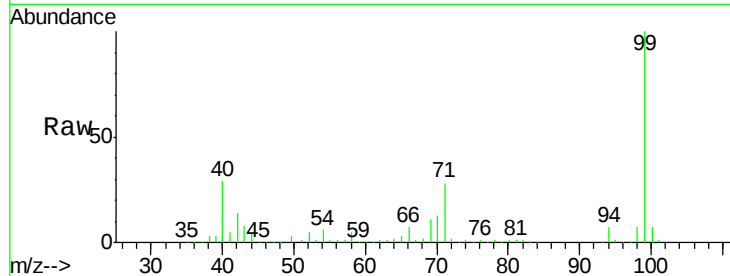
Tot Ion: 99 Resp: 941033

Ion Ratio Lower Upper

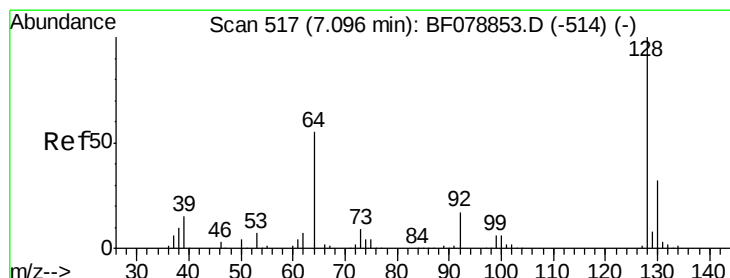
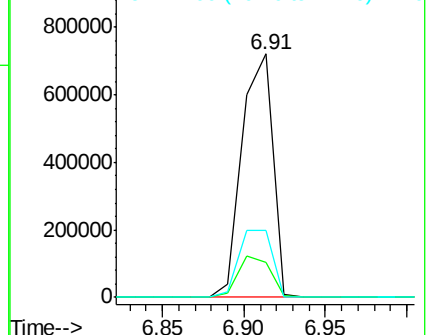
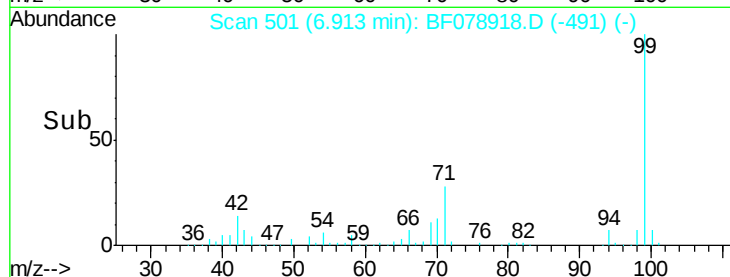
99 100

42 14.4 12.8 19.2

71 27.5 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: 47.40 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

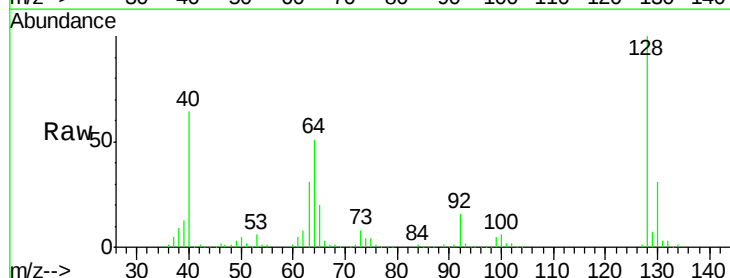
Tgt Ion: 128 Resp: 248492

Ion Ratio Lower Upper

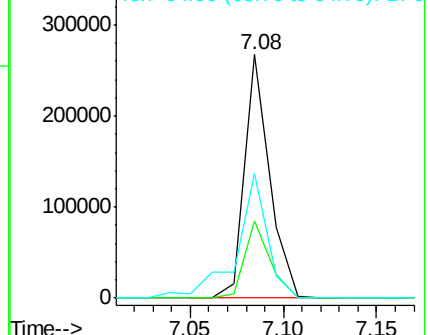
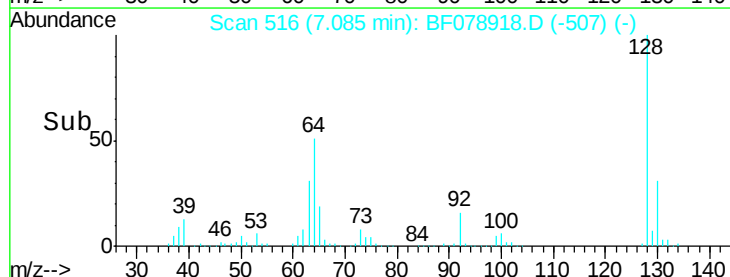
128 100

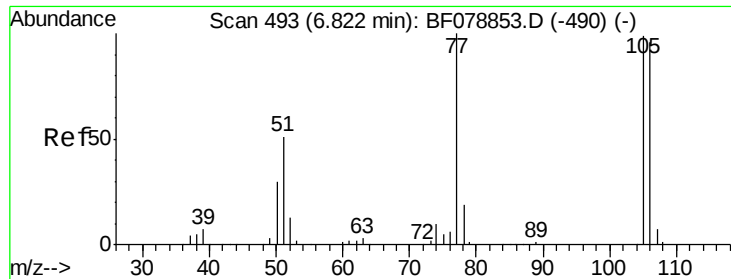
130 31.5 12.1 52.1

64 51.4 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: 28.08 ng

RT: 6.81 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

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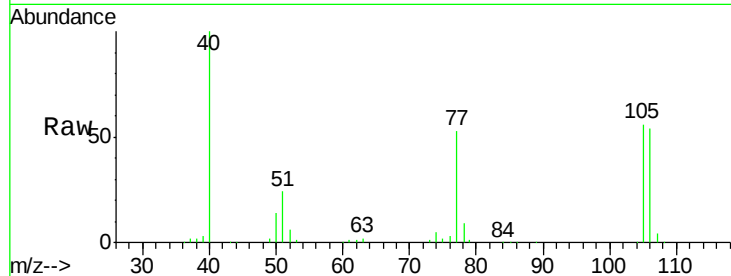
Tot Ion: 77 Resp: 115574

Ion Ratio Lower Upper

77 100

105 106.4 81.7 121.7

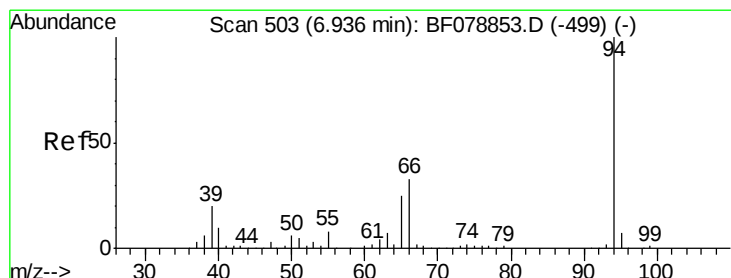
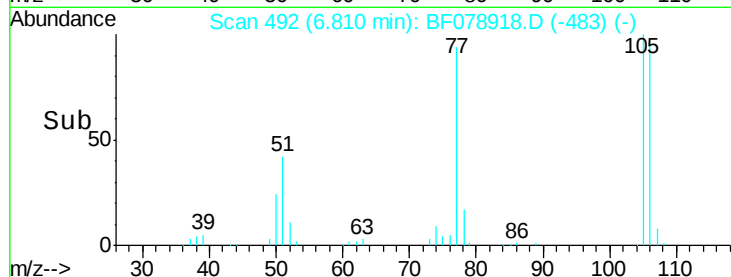
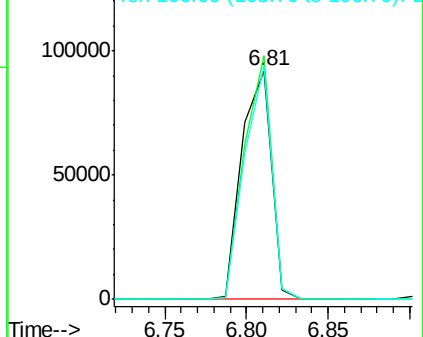
106 101.8 79.0 119.0



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: 50.46 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

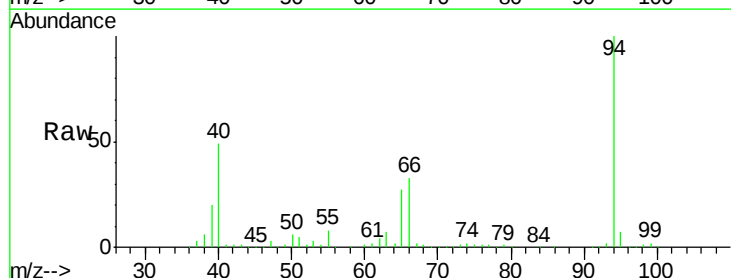
Tgt Ion: 94 Resp: 357643

Ion Ratio Lower Upper

94 100

65 26.6 8.5 48.5

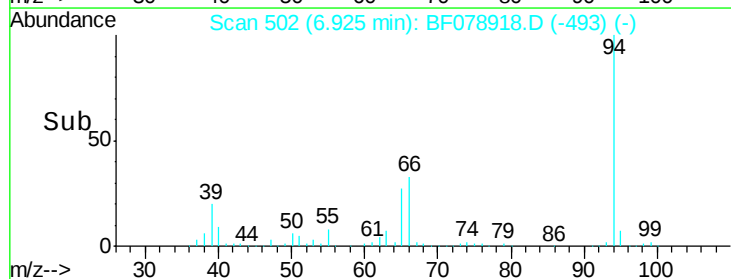
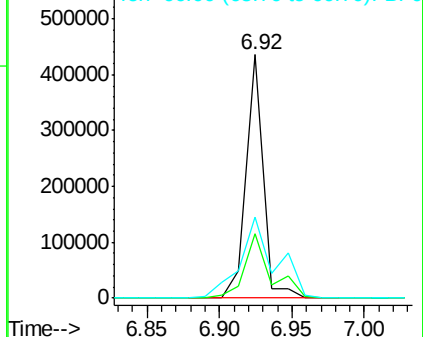
66 33.4 16.0 56.0



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

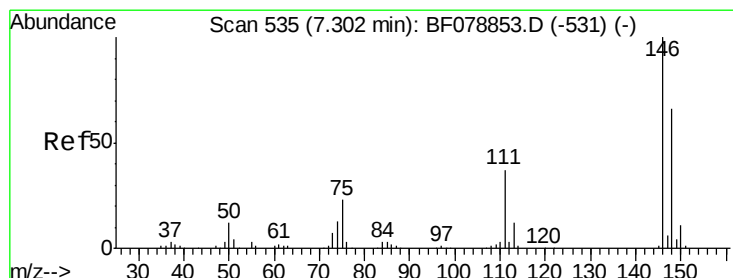
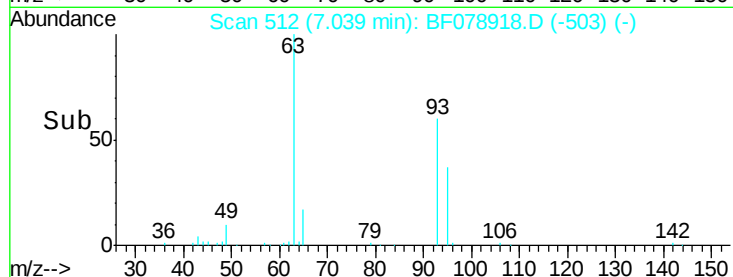
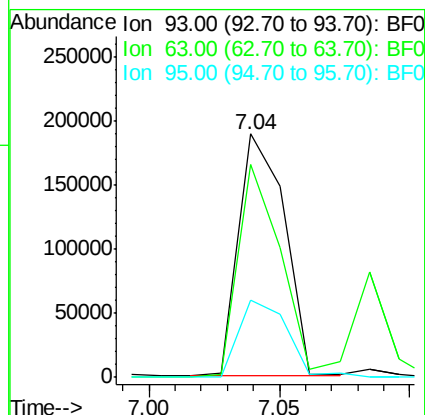
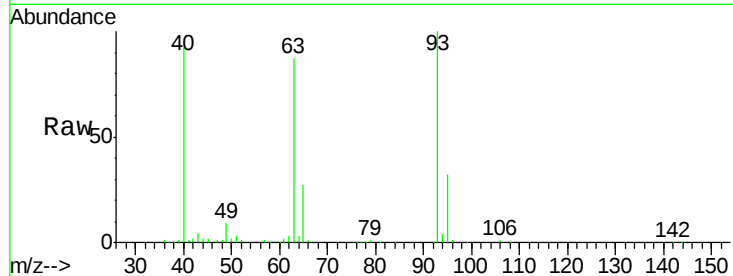




#11
 bis(2-Chloroethyl)ether
 Concen: 44.90 ng
 RT: 7.04 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

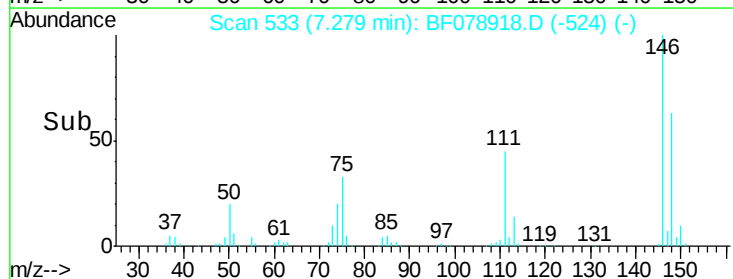
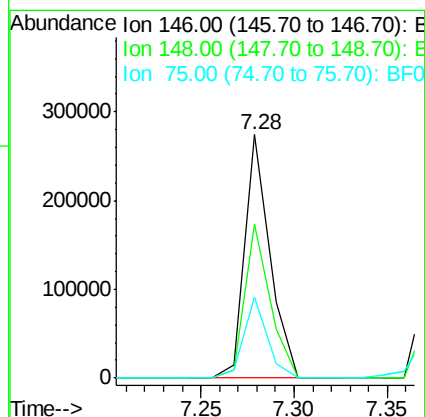
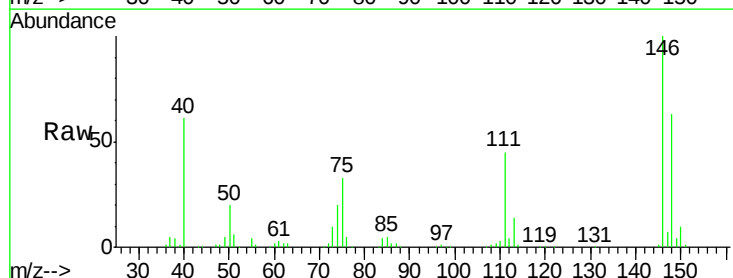
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

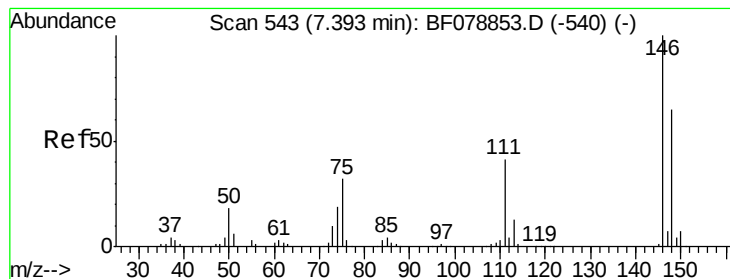
Tot Ion: 93 Resp: 233308
 Ion Ratio Lower Upper
 93 100
 63 87.3 64.8 104.8
 95 31.9 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 43.66 ng
 RT: 7.28 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion: 146 Resp: 257254
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.2 75.2
 75 33.1 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 43.45 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

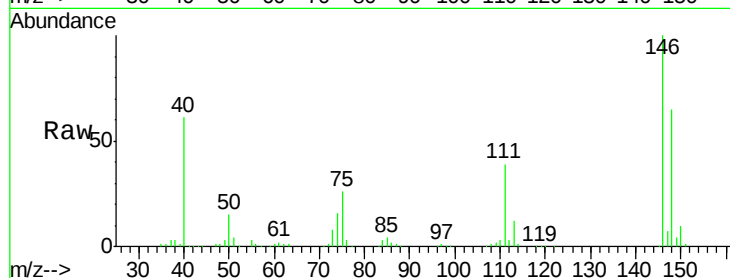
Tot Ion:146 Resp: 263503

Ion Ratio Lower Upper

146 100

148 64.6 52.8 79.2

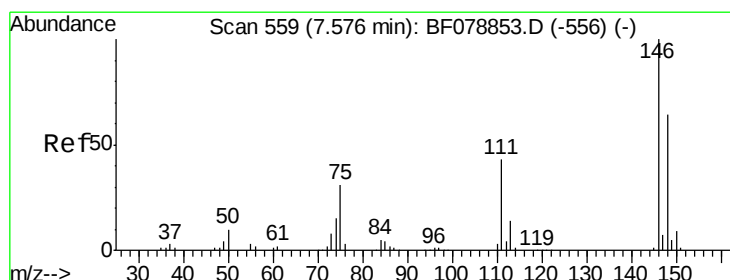
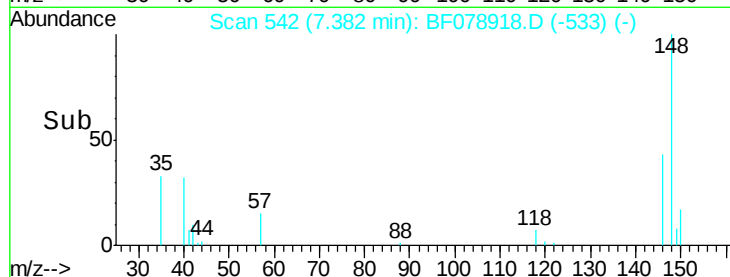
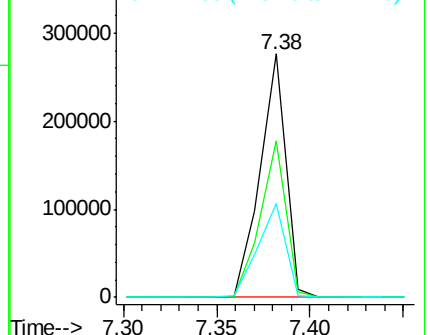
111 38.5 31.7 47.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.33 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

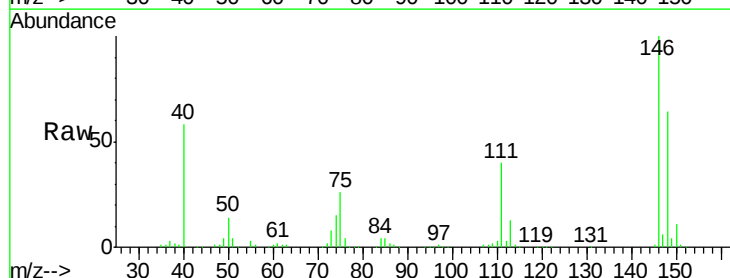
Tgt Ion:146 Resp: 261569

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

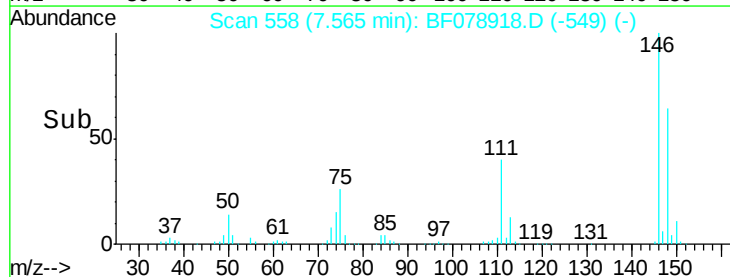
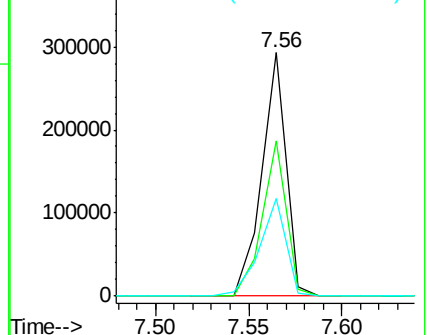
111 39.9 33.3 49.9

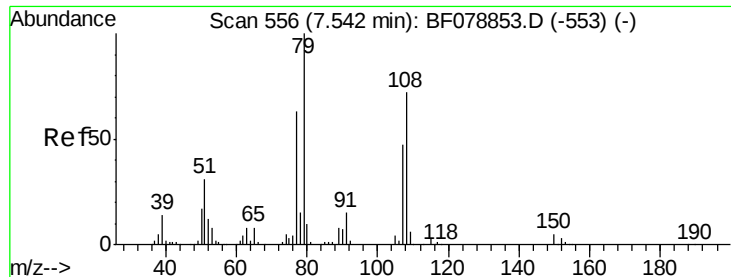


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.11 ng

RT: 7.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

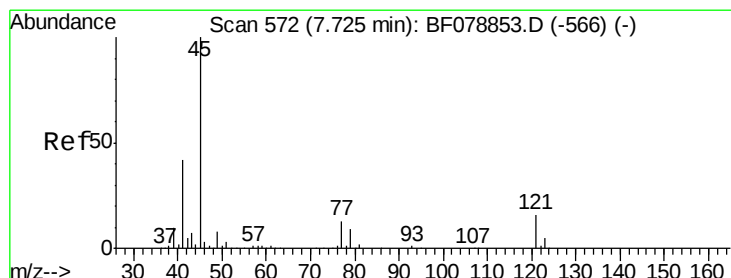
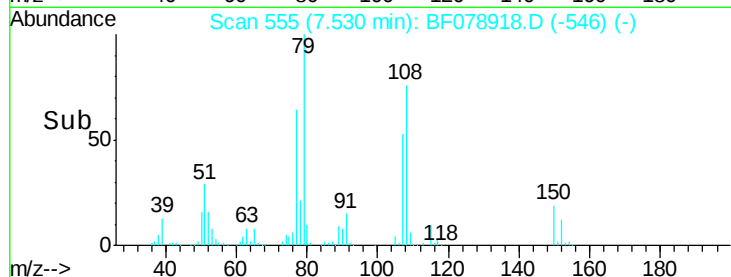
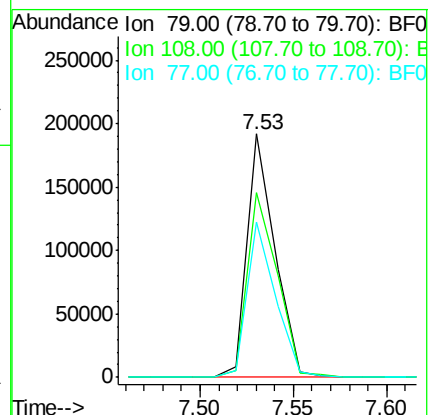
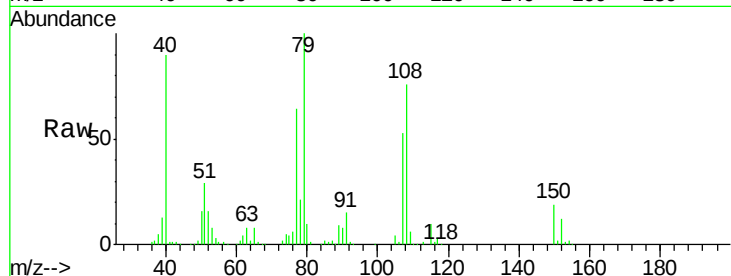
Tot Ion: 79 Resp: 200072

Ion Ratio Lower Upper

79 100

108 75.6 62.5 93.7

77 63.8 52.2 78.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.15 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

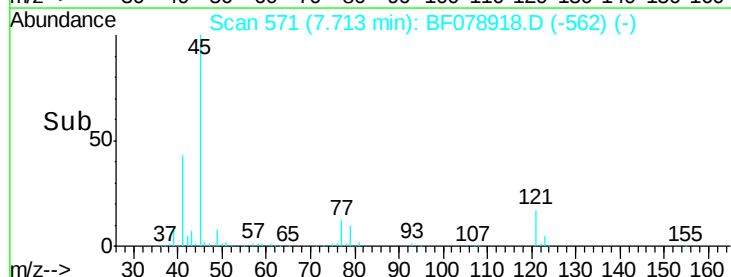
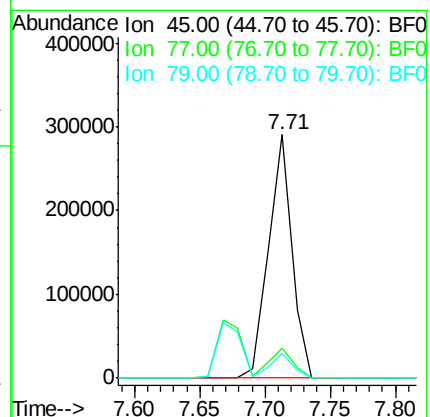
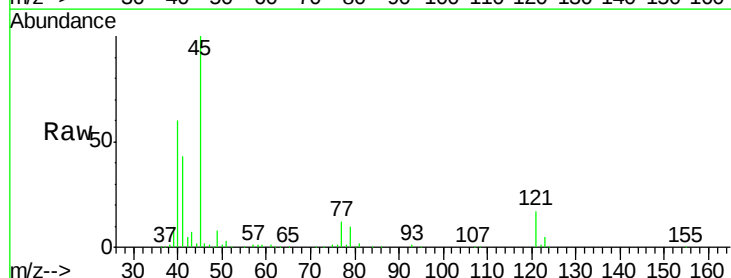
Tgt Ion: 45 Resp: 366892

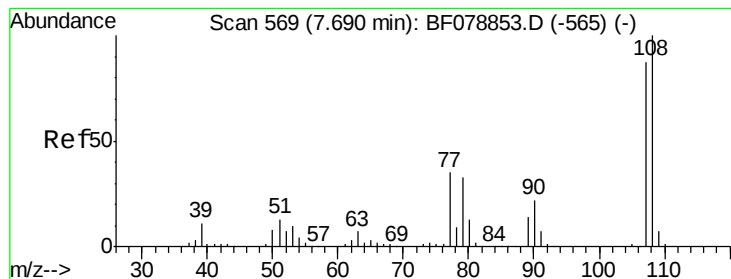
Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.3

79 10.2 0.0 30.1

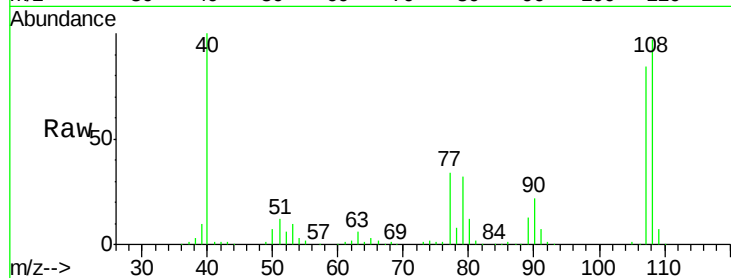




#17
2-Methylphenol
Concen: 48.26 ng
RT: 7.68 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MS

Tot Ion:	107	Resp:	203618
Ion	Ratio	Lower	Upper
107	100		
108	115.1	94.9	142.3
77	40.2	36.2	54.4
79	37.6	35.2	52.8



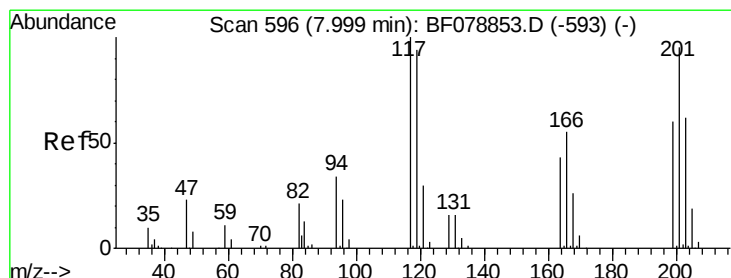
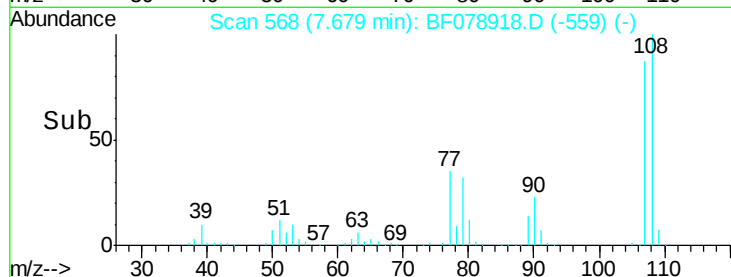
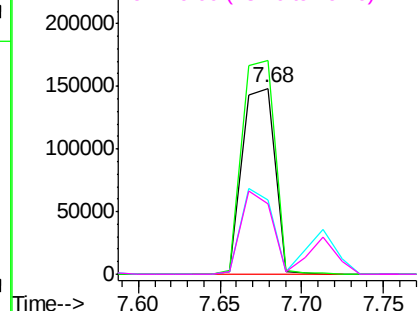
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

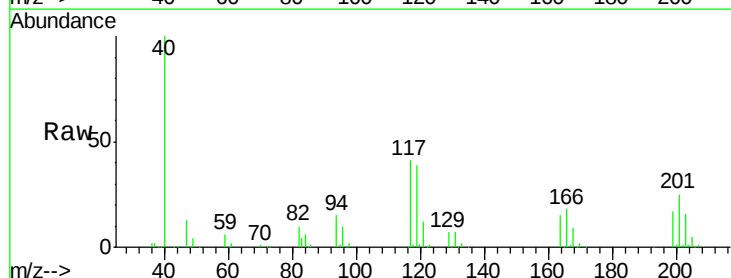
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 44.28 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Tgt Ion:	117	Resp:	92492
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.0
201	60.7	83.2	124.8#

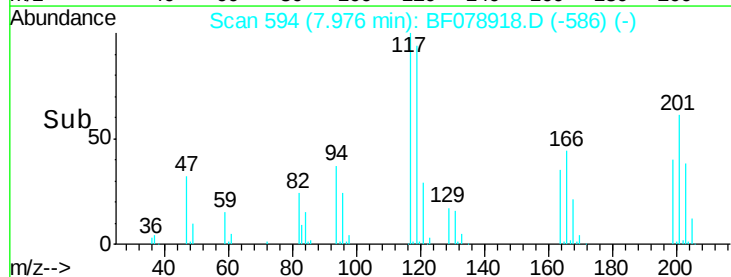
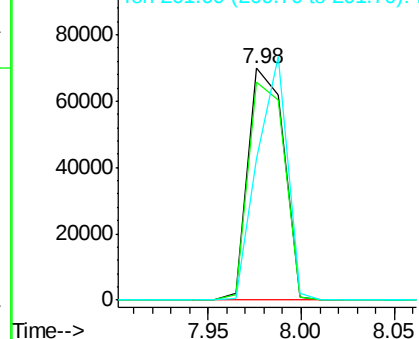


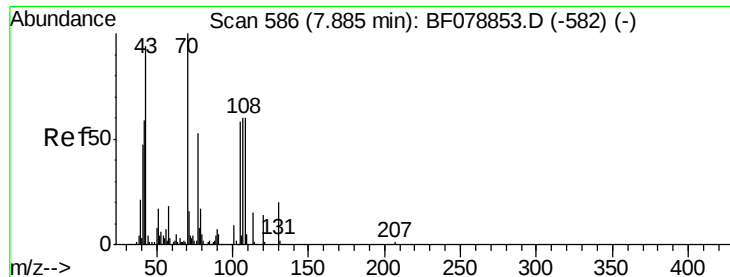
Abundance

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

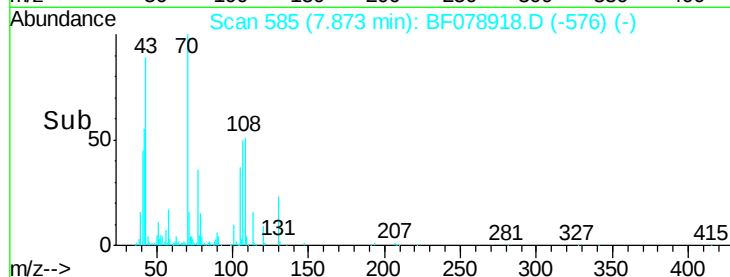
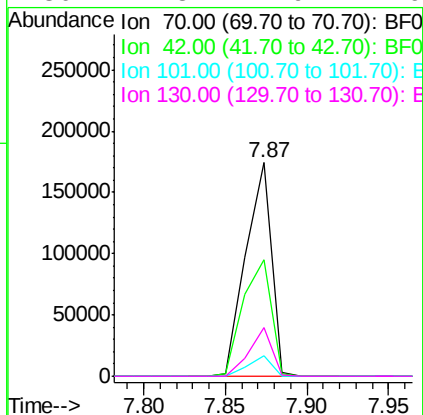
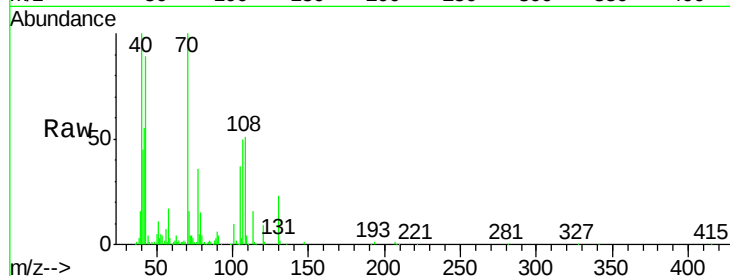




#19
n-Nitroso-di-n-propylamine
Concen: 46.08 ng
RT: 7.87 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

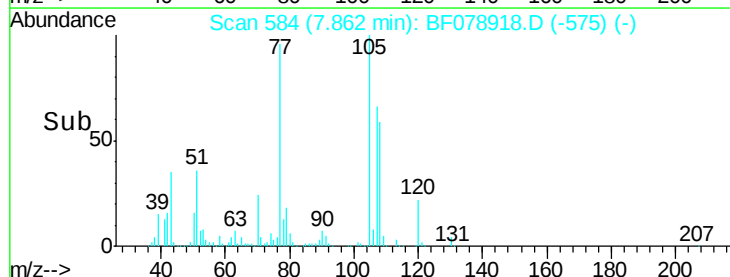
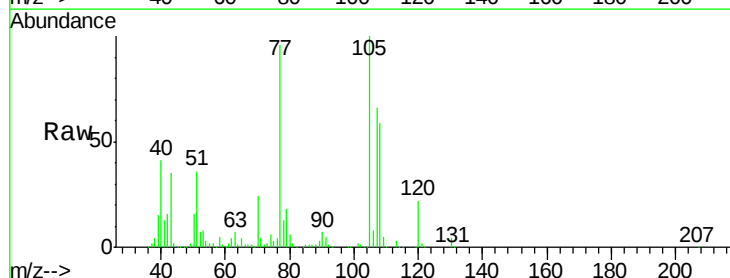
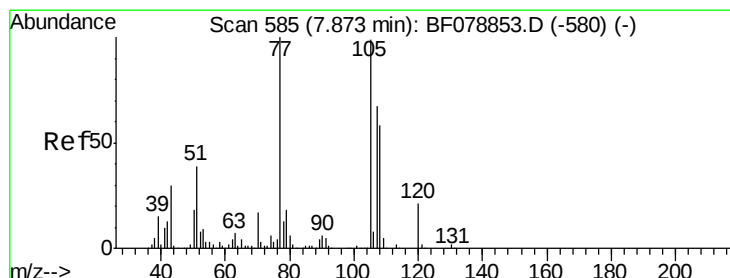
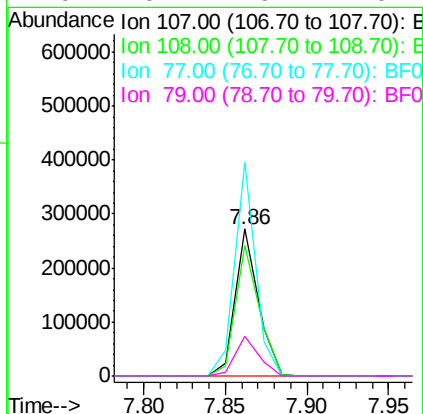
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MS

Tot Ion: 70 Resp: 190145
Ion Ratio Lower Upper
70 100
42 54.8 55.4 83.0#
101 9.7 6.6 10.0
130 22.8 11.9 17.9#



#20
3+4-Methylphenols
Concen: 47.34 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Tgt Ion: 107 Resp: 266120
Ion Ratio Lower Upper
107 100
108 88.7 76.9 116.9
77 145.4 136.8 176.8
79 26.7 9.7 49.7

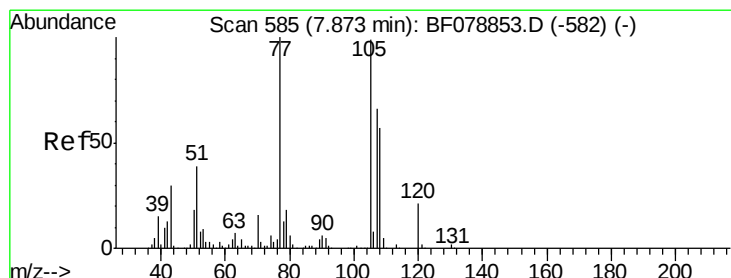
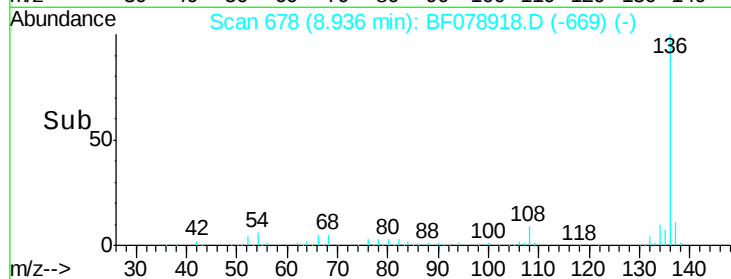
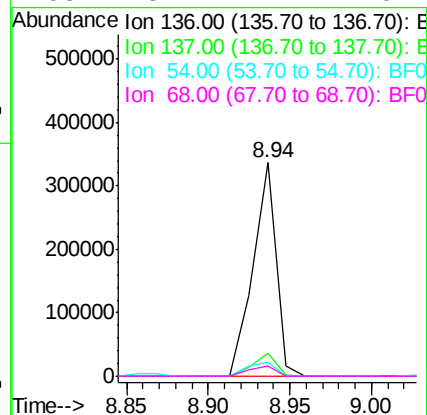
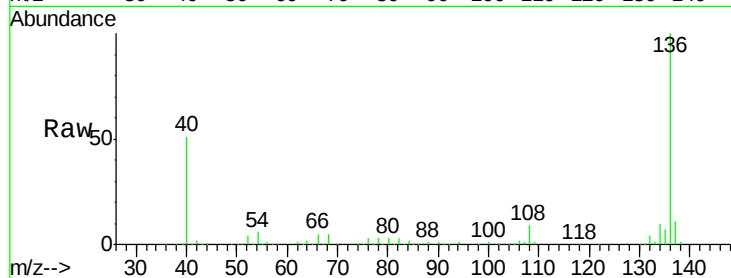




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

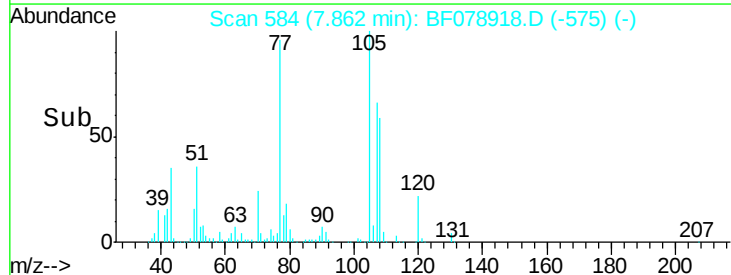
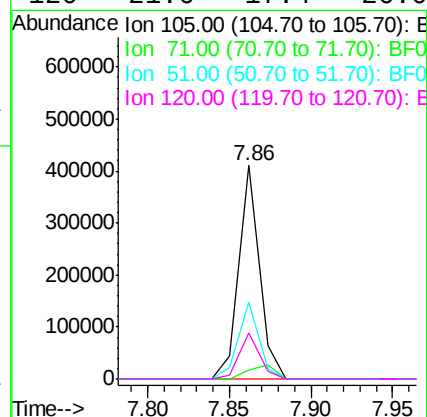
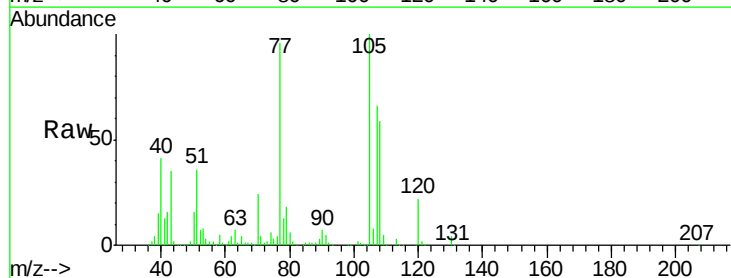
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MS

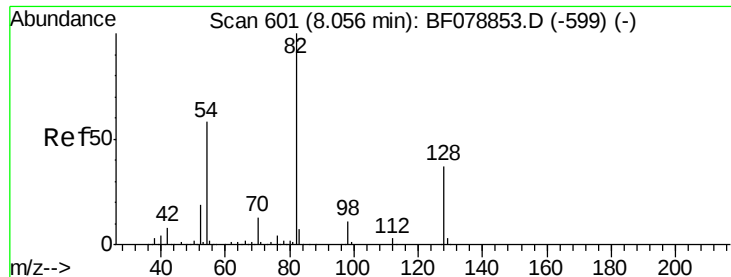
Tot Ion:136	Resp:	329210
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	6.5	5.8 8.8
68	5.1	4.2 6.4



#22
Acetophenone
Concen: 47.98 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Tgt Ion:105	Resp:	356853
Ion Ratio	Lower	Upper
105	100	
71	4.0	4.6 6.8#
51	36.0	26.7 40.1
120	21.6	17.4 26.0

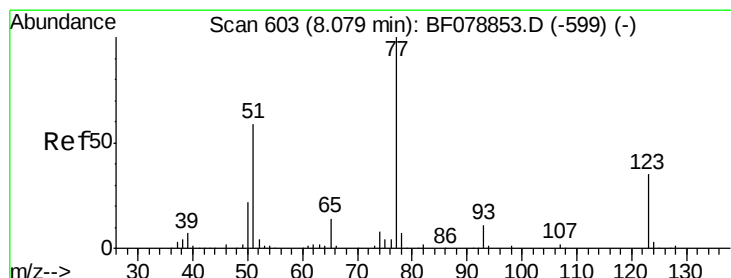
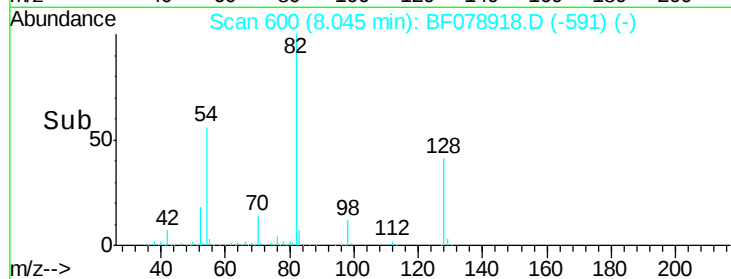
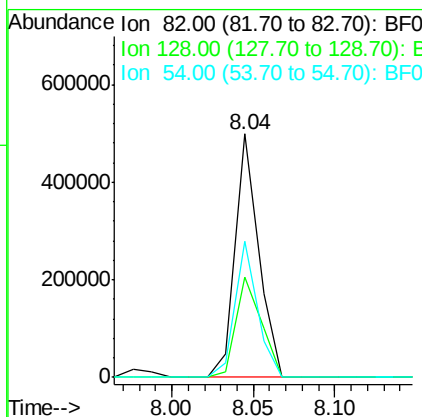
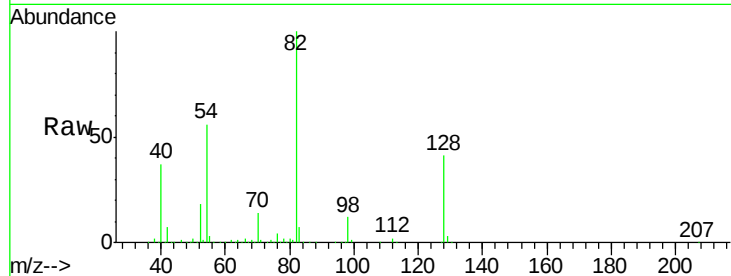




#23
Nitrobenzene-d5
Concen: 86.23 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

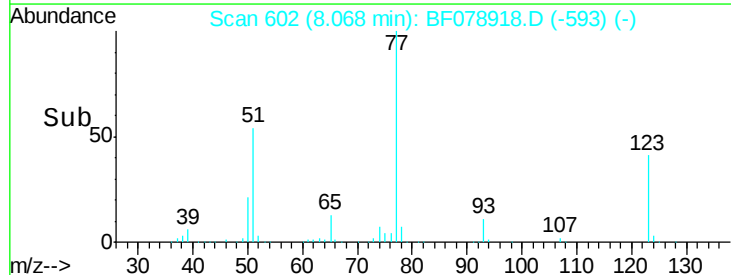
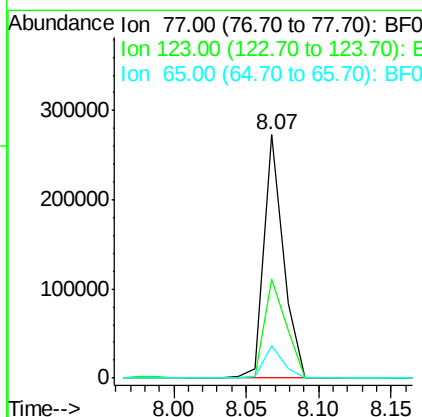
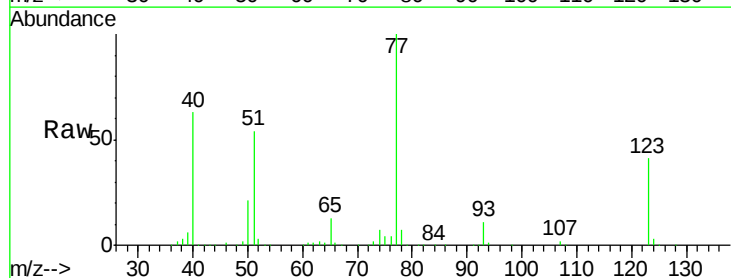
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MS

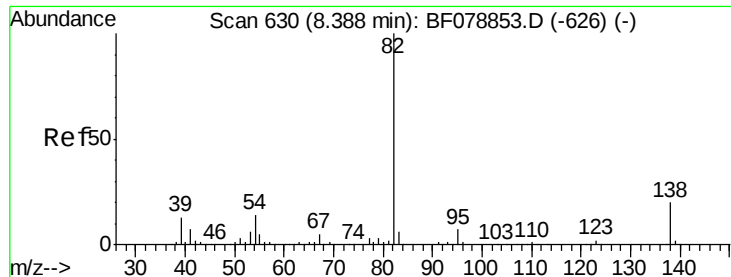
Tot Ion: 82 Resp: 493965
Ion Ratio Lower Upper
82 100
128 41.0 30.0 45.0
54 56.0 46.4 69.6



#24
Nitrobenzene
Concen: 44.63 ng
RT: 8.07 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Tgt Ion: 77 Resp: 253413
Ion Ratio Lower Upper
77 100
123 40.8 31.8 47.8
65 13.3 10.6 15.8





#25

Isophorone

Concen: 44.97 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

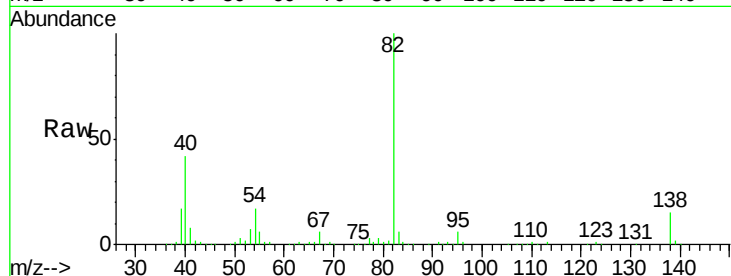
Tot Ion: 82 Resp: 477520

Ion Ratio Lower Upper

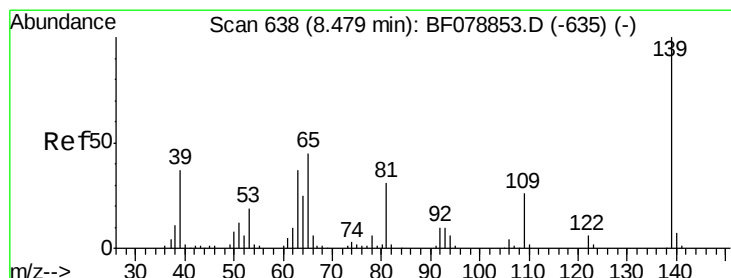
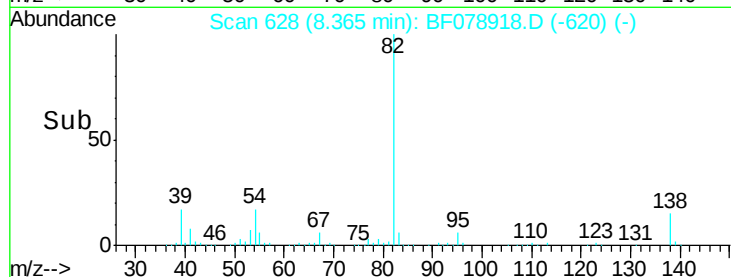
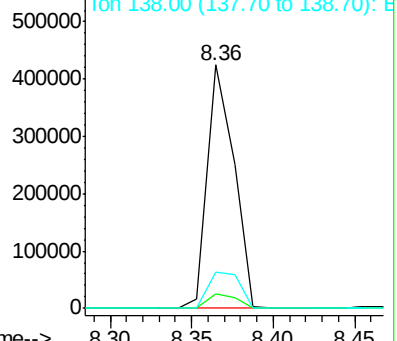
82 100

95 5.9 5.3 7.9

138 14.7 12.0 18.0



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



#26

2-Nitrophenol

Concen: 48.04 ng

RT: 8.47 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

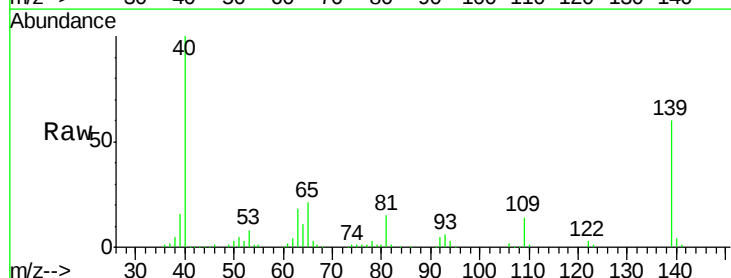
Tgt Ion: 139 Resp: 112906

Ion Ratio Lower Upper

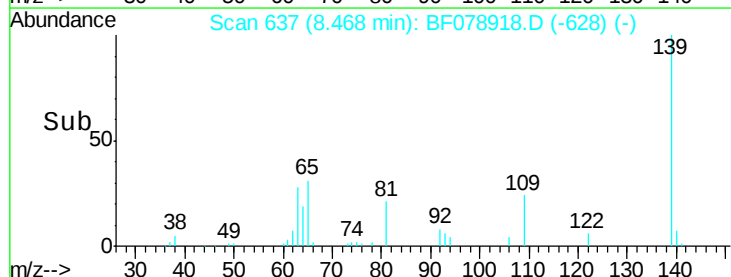
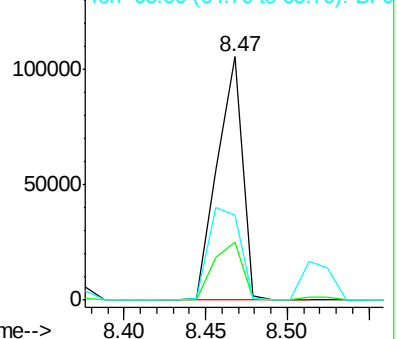
139 100

109 23.7 21.0 31.4

65 35.1 30.5 45.7



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

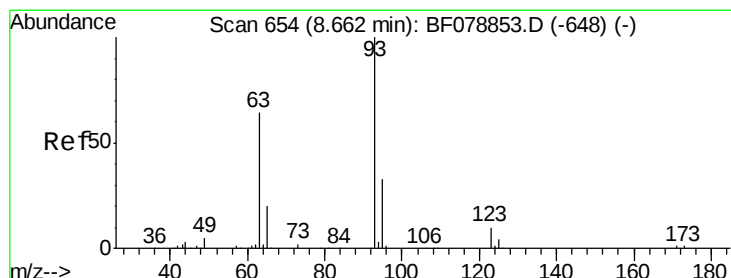
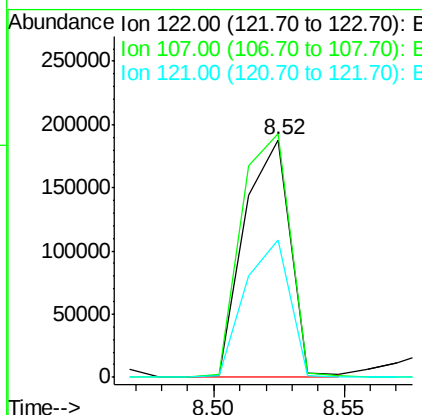
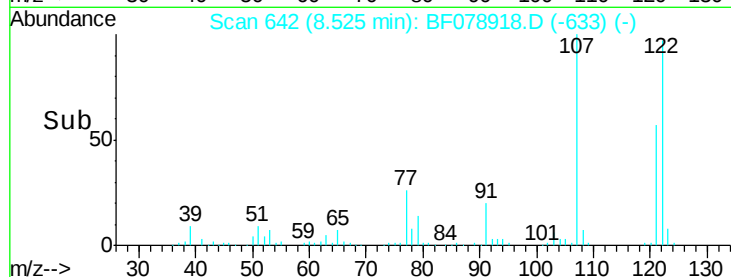
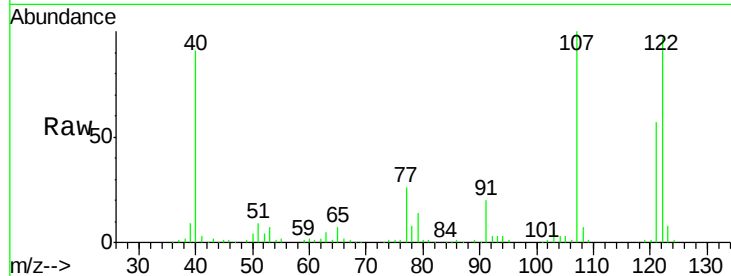




#27
 2,4-Dimethylphenol
 Concen: 49.44 ng
 RT: 8.52 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

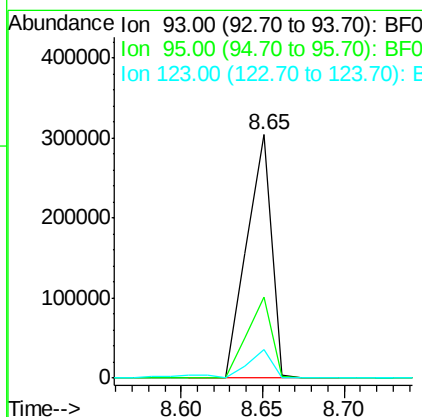
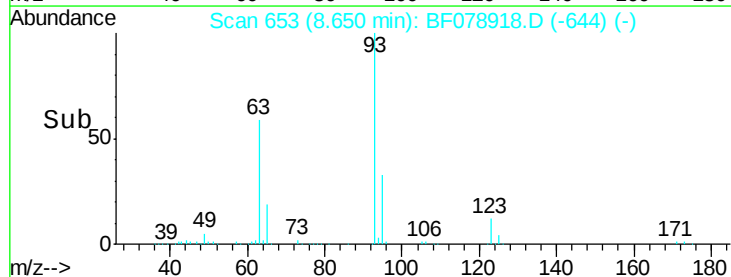
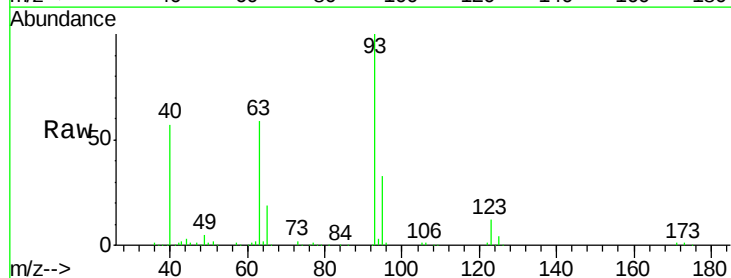
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

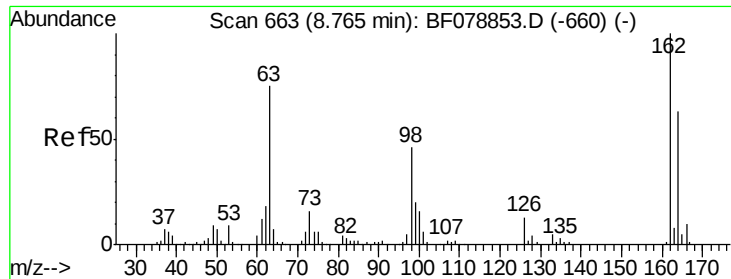
Tot Ion:122 Resp: 232513
 Ion Ratio Lower Upper
 122 100
 107 102.6 90.6 135.8
 121 58.0 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.77 ng
 RT: 8.65 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion: 93 Resp: 319292
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.7 40.1
 123 11.9 9.1 13.7

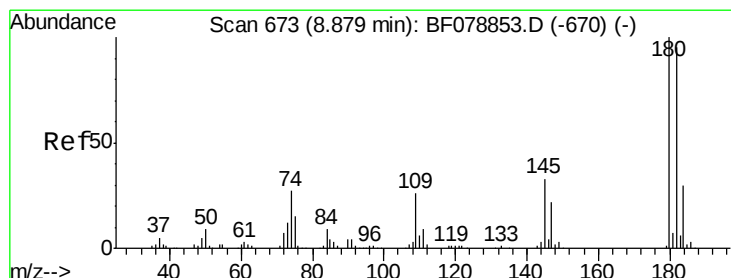
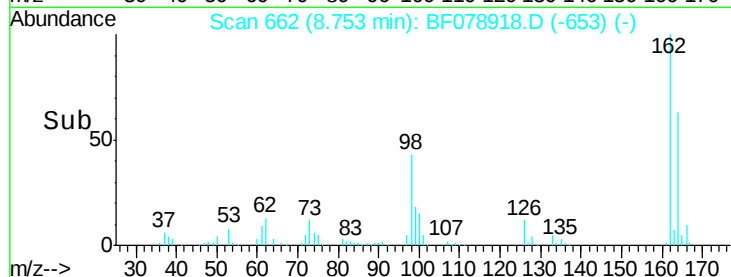
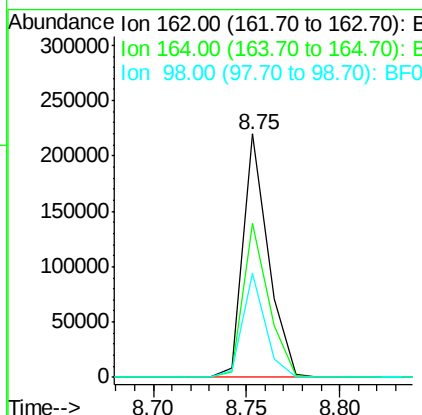
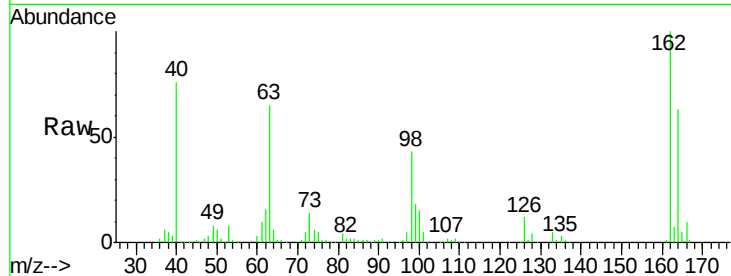




#29
 2,4-Dichlorophenol
 Concen: 49.83 ng
 RT: 8.75 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

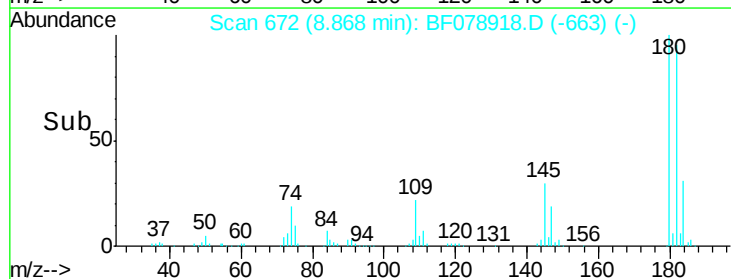
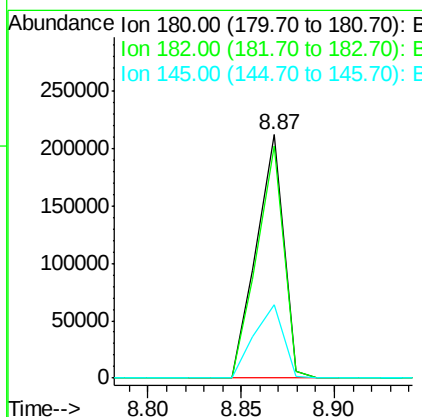
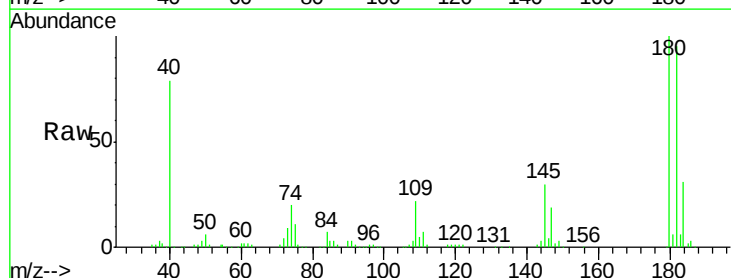
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

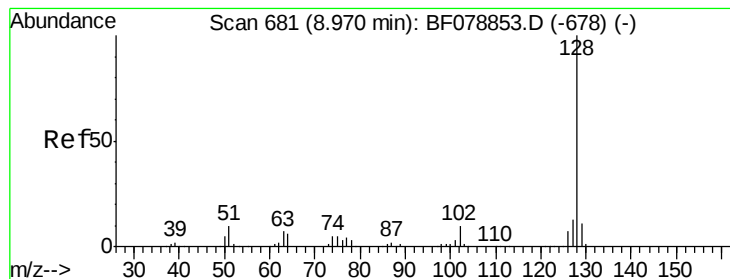
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.6	83.6
98	42.6	16.5	56.5



#30
 1,2,4-Trichlorobenzene
 Concen: 46.80 ng
 RT: 8.87 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.9	118.3
145	30.2	24.2	36.4





#31

Naphthalene

Concen: 46.38 ng

RT: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

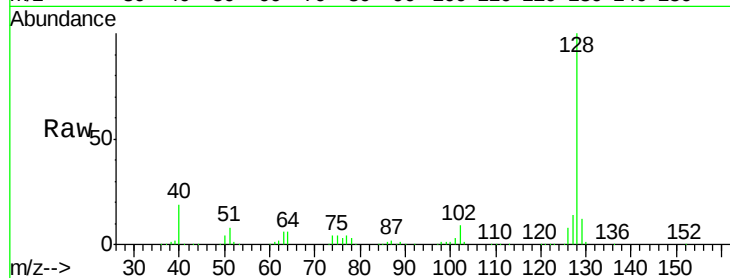
Tot Ion:128 Resp: 727607

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

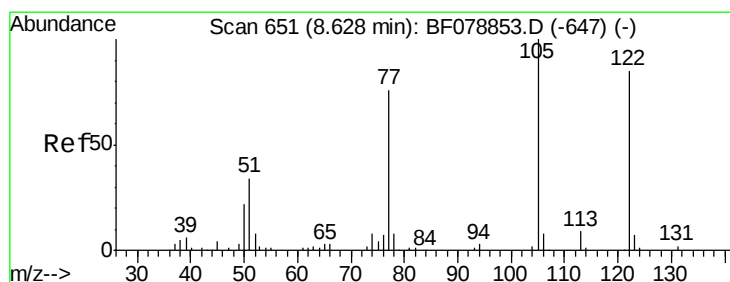
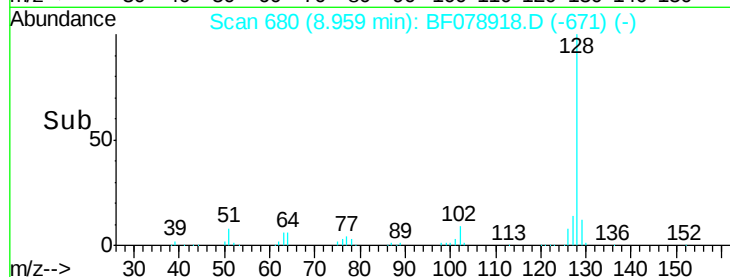
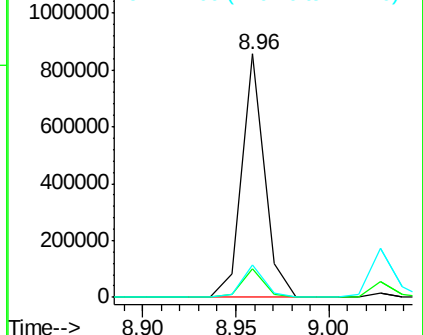
127 13.5 10.7 16.1



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: 37.70 ng

RT: 8.62 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

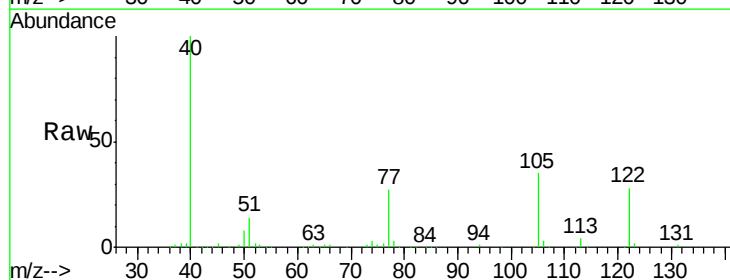
Tgt Ion:122 Resp: 106439

Ion Ratio Lower Upper

122 100

105 122.8 107.1 147.1

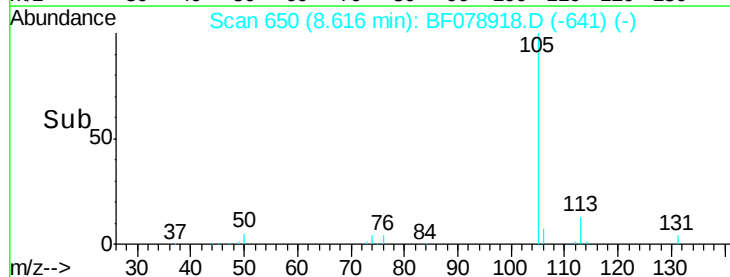
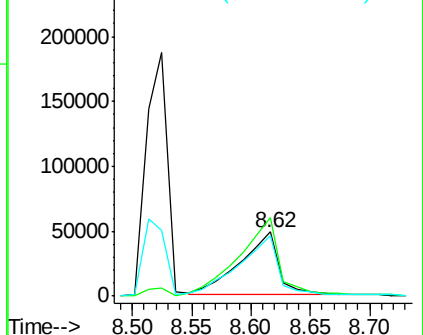
77 94.7 73.9 113.9

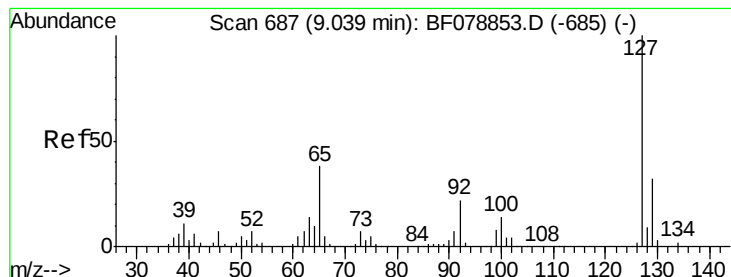


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 23.52 ng

RT: 9.03 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

Tot Ion:127 Resp: 156099

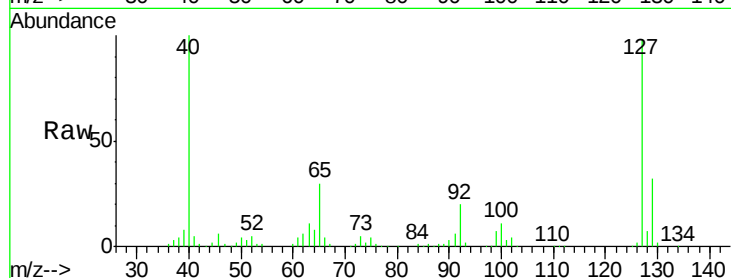
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 31.2 25.8 38.6

92 20.0 15.5 23.3

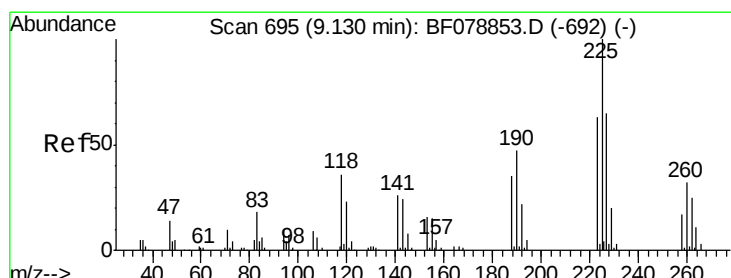
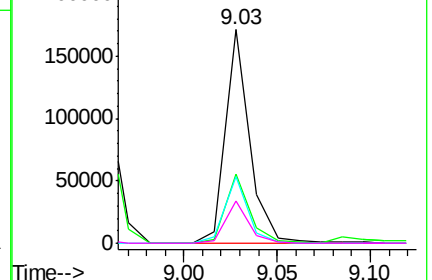
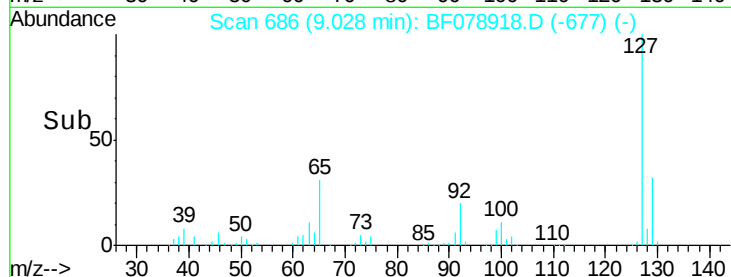


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.25 ng

RT: 9.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

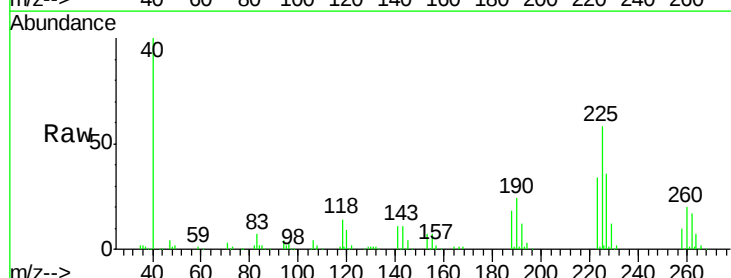
Tgt Ion:225 Resp: 117051

Ion Ratio Lower Upper

225 100

223 58.4 48.2 72.4

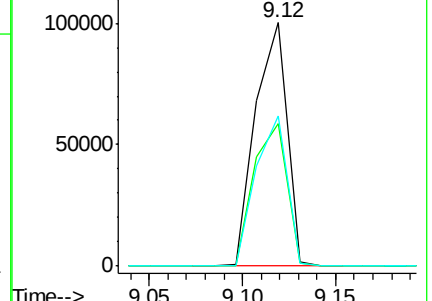
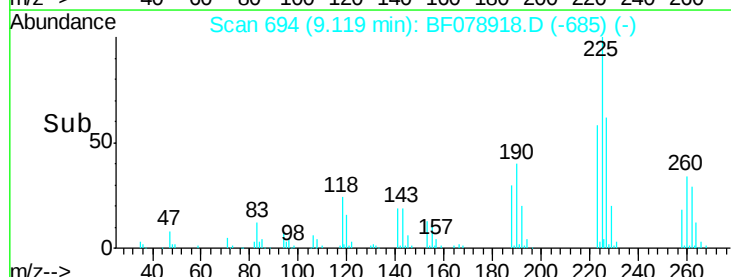
227 62.0 51.4 77.0

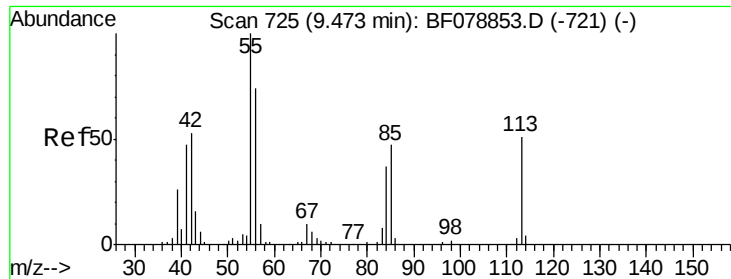


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

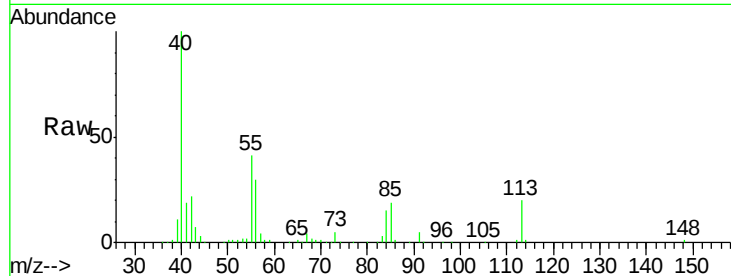




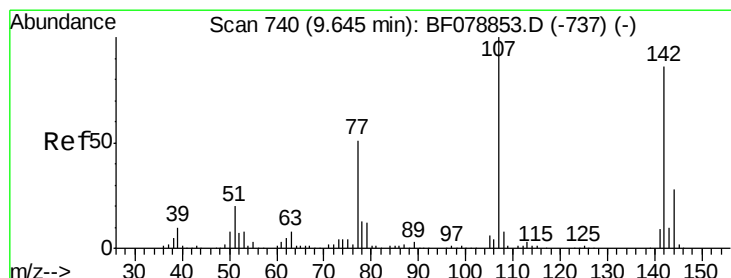
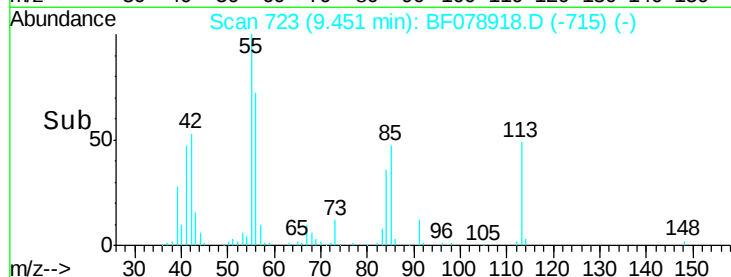
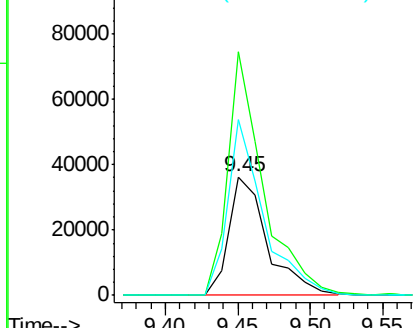
#35
 Caprolactam
 Concen: 49.85 ng
 RT: 9.45 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

Tot Ion:113 Resp: 67404
 Ion Ratio Lower Upper
 113 100
 55 206.1 169.7 209.7
 56 148.6 122.5 162.5

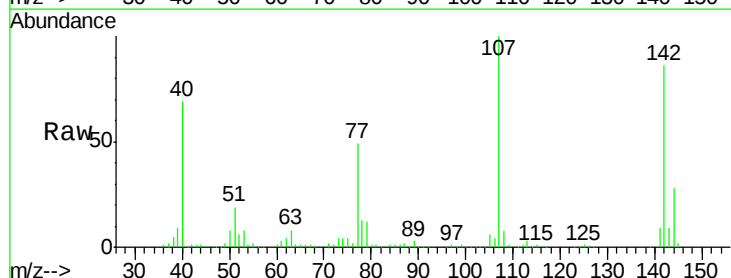


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

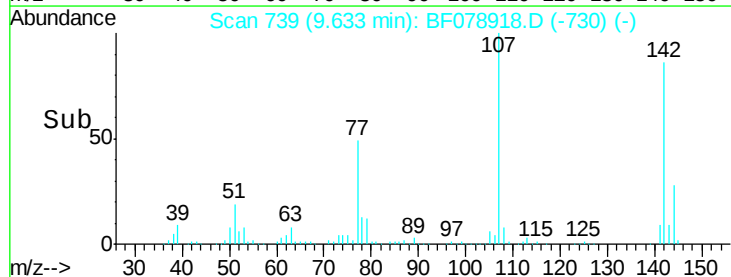
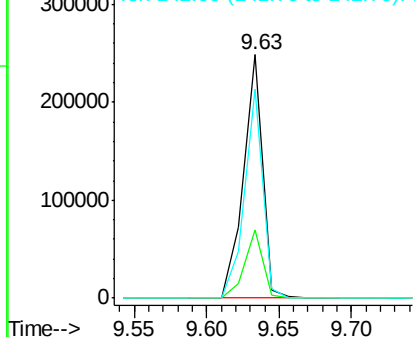


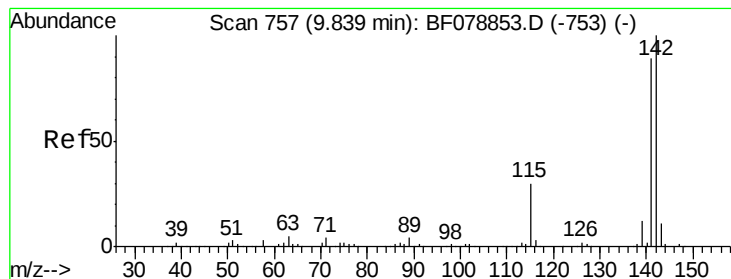
#36
 4-Chloro-3-methylphenol
 Concen: 51.91 ng
 RT: 9.63 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion:107 Resp: 227991
 Ion Ratio Lower Upper
 107 100
 144 28.1 19.8 29.6
 142 85.9 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

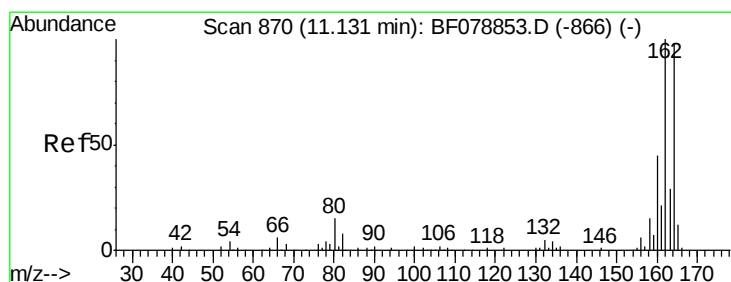
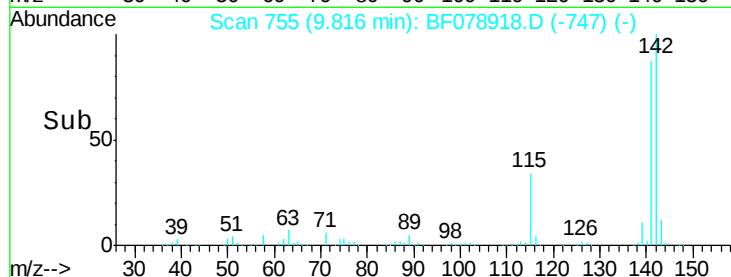
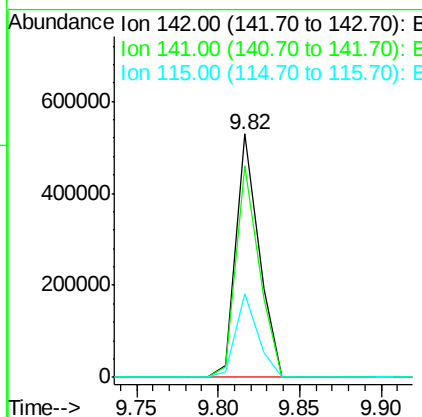
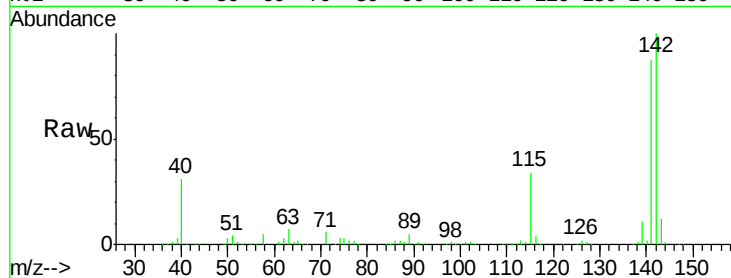




#37
2-Methylnaphthalene
Concen: 47.32 ng
RT: 9.82 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

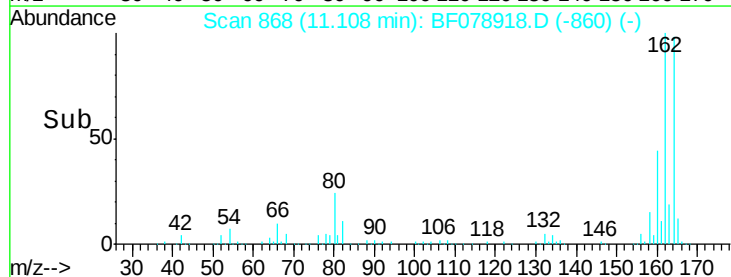
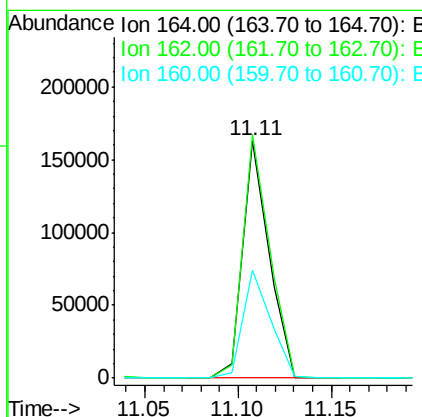
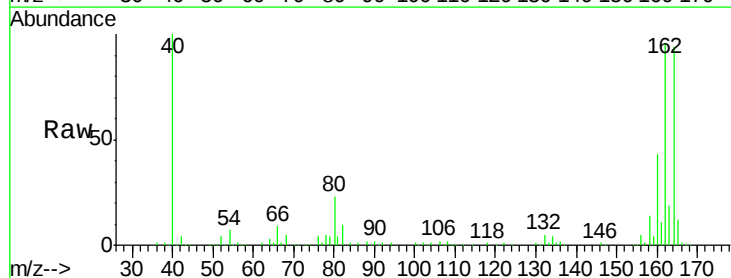
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MS

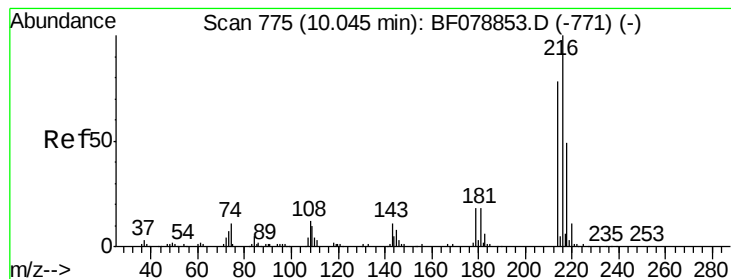
Tot Ion:142 Resp: 514350
Ion Ratio Lower Upper
142 100
141 87.1 70.9 106.3
115 34.2 28.5 42.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Tgt Ion:164 Resp: 161859
Ion Ratio Lower Upper
164 100
162 102.4 82.7 124.1
160 45.4 35.8 53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.44 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

Tot Ion:216 Resp: 202578

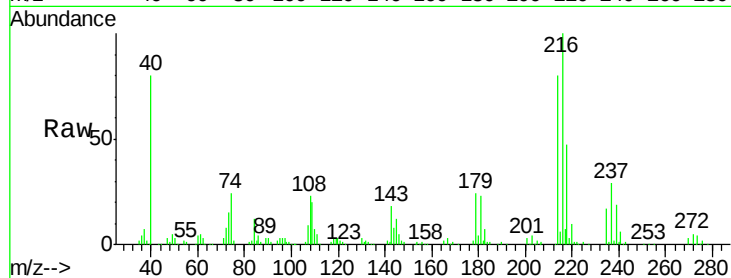
Ion Ratio Lower Upper

216 100

214 79.4 0.0 0.0#

179 22.5 0.0 0.0#

108 24.5 0.0 0.0#

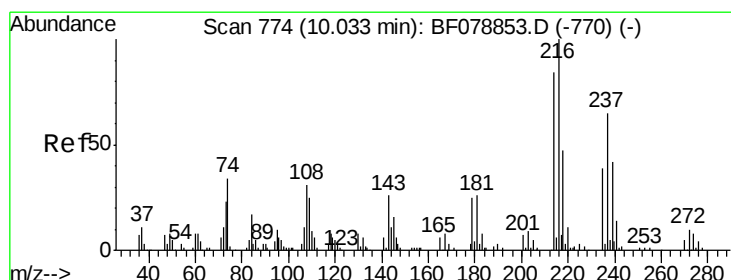
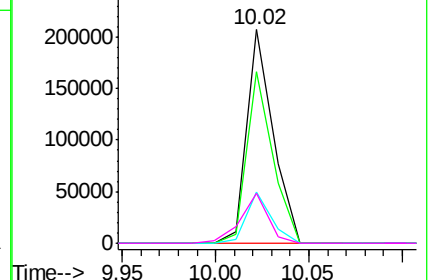
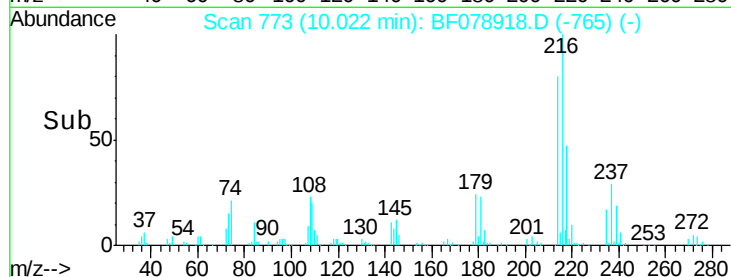


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.89 ng

RT: 10.01 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

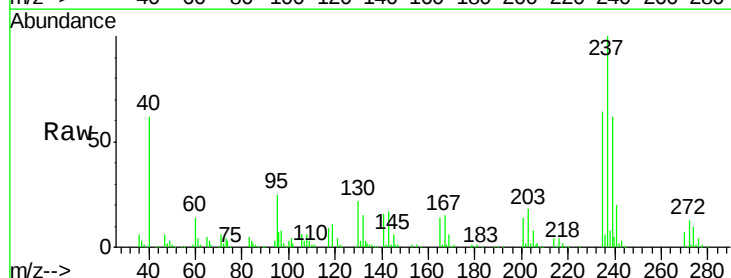
Tgt Ion:237 Resp: 226678

Ion Ratio Lower Upper

237 100

235 63.9 44.7 84.7

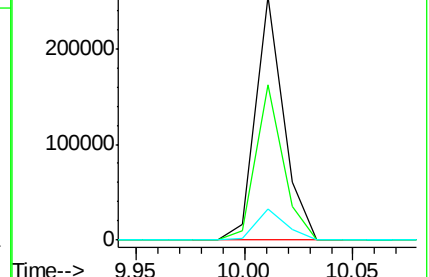
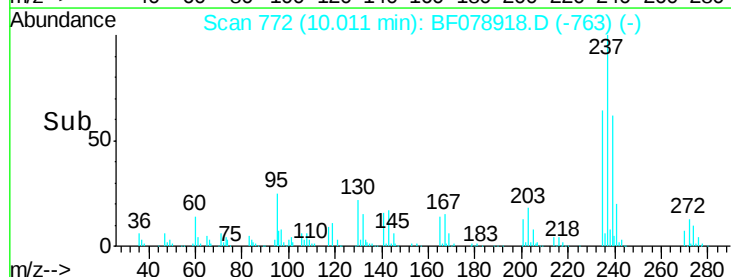
272 12.7 0.0 32.6

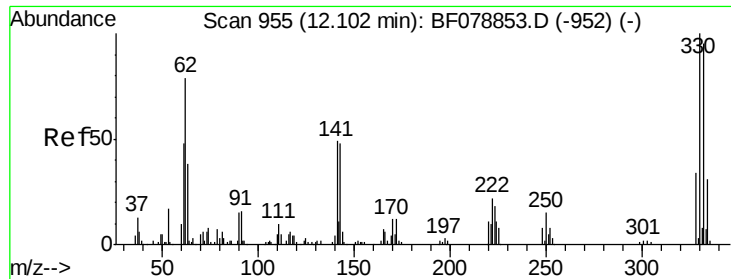


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

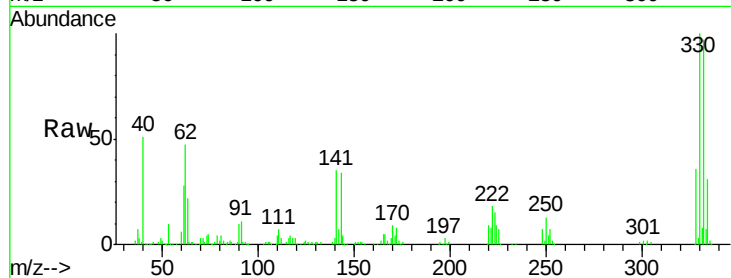




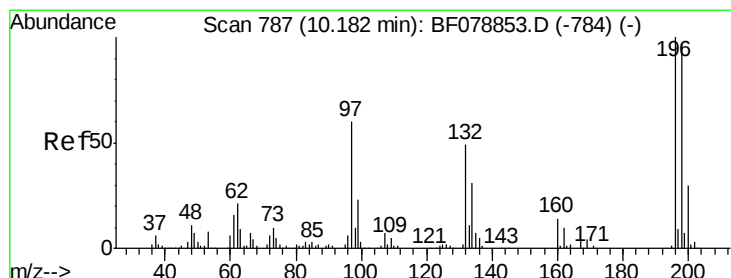
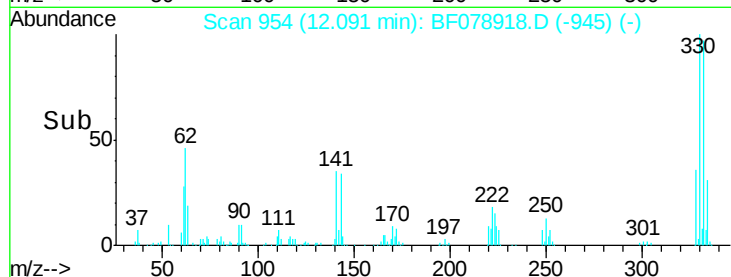
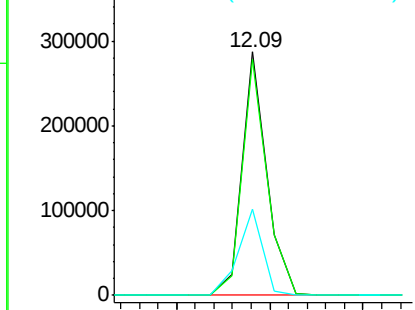
#41
 2,4,6-Tribromophenol
 Concen: 151.40 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

Tot Ion:330 Resp: 265097
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 35.6 0.0 0.0#

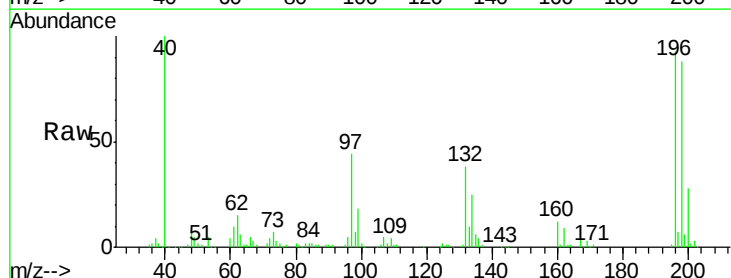


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

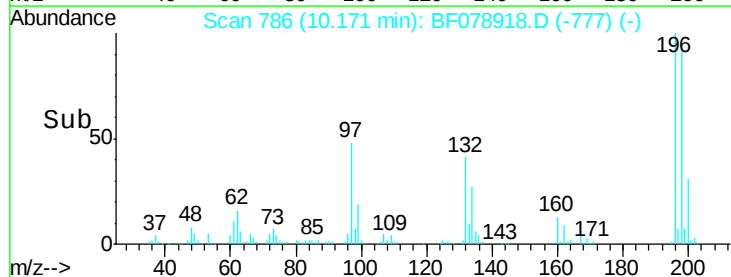
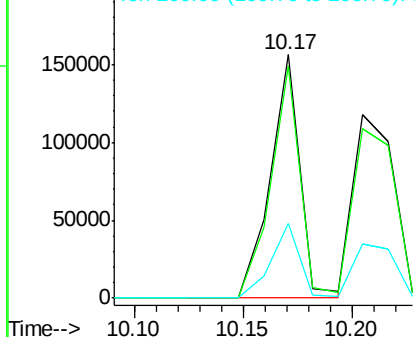


#42
 2,4,6-Trichlorophenol
 Concen: 47.68 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion:196 Resp: 149420
 Ion Ratio Lower Upper
 196 100
 198 95.3 80.5 120.7
 200 30.6 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

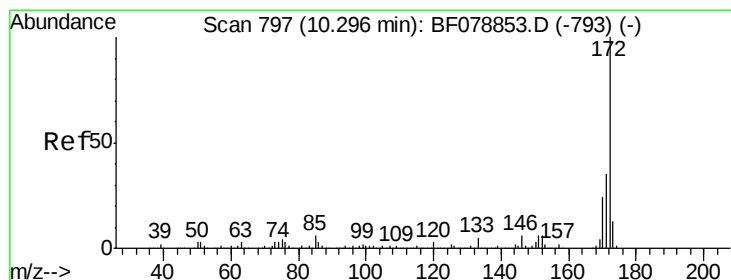
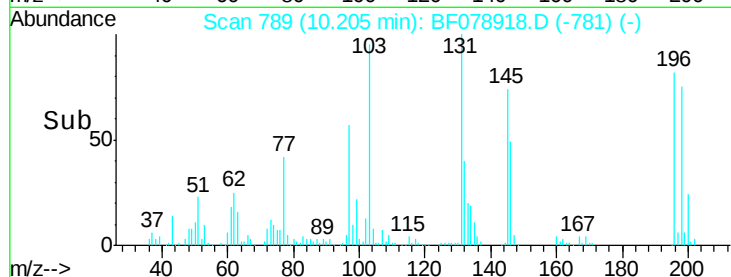
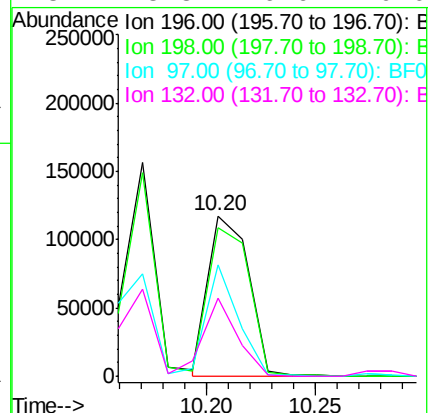
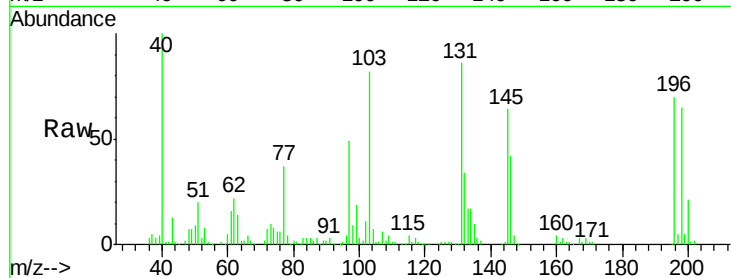




#43
 2,4,5-Trichlorophenol
 Concen: 48.00 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

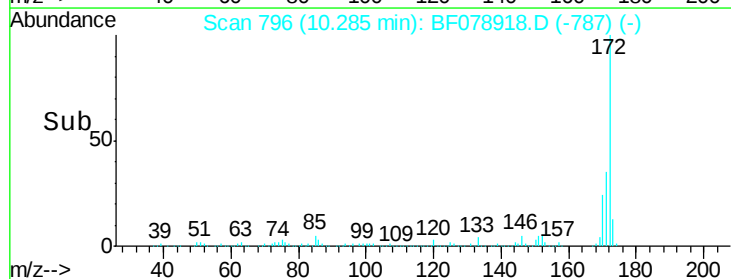
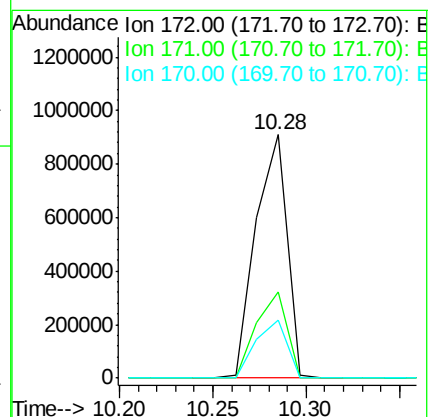
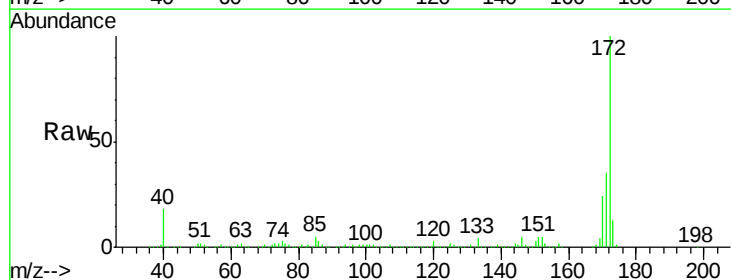
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

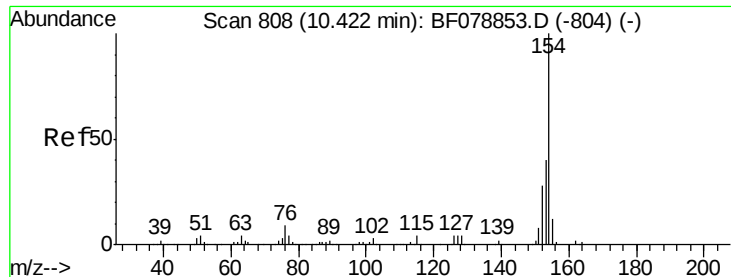
Tot Ion:196 Resp: 152086
 Ion Ratio Lower Upper
 196 100
 198 92.4 79.8 119.6
 97 69.7 46.0 69.0#
 132 48.8 26.6 40.0#



#44
 2-Fluorobiphenyl
 Concen: 90.43 ng
 RT: 10.28 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion:172 Resp: 1050621
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.9 41.9
 170 24.0 19.4 29.0

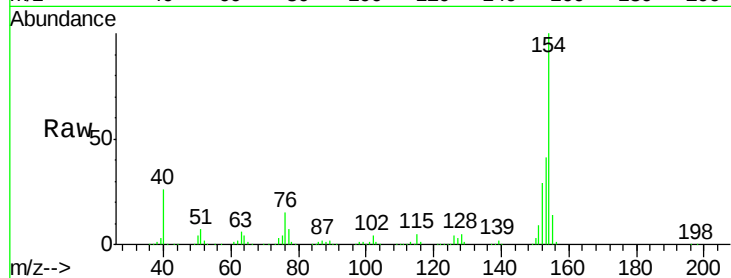




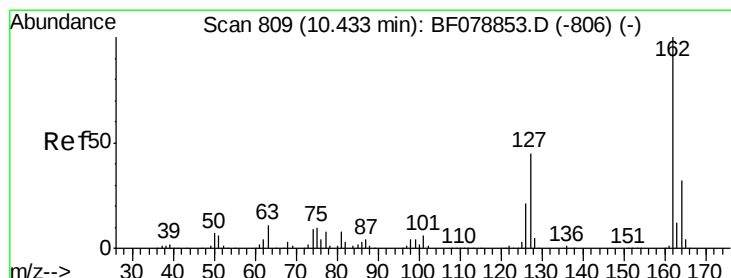
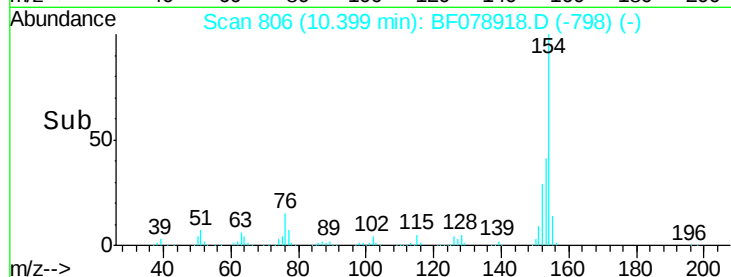
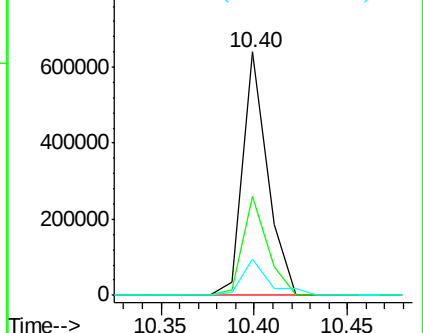
#45
 1,1'-Biphenyl
 Concen: 45.99 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

Tot Ion:154 Resp: 591734
 Ion Ratio Lower Upper
 154 100
 153 40.8 19.9 59.9
 76 14.7 0.0 35.0

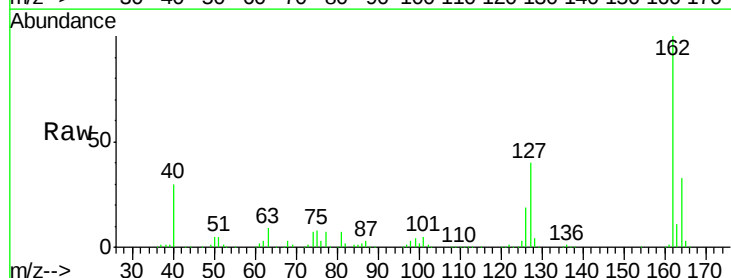


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

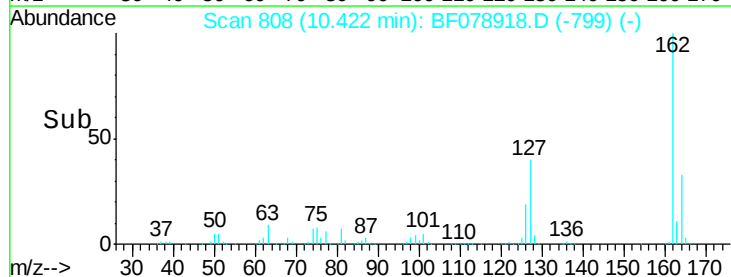
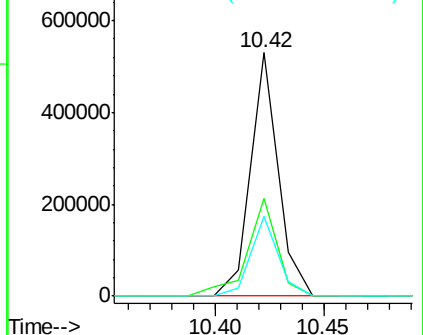


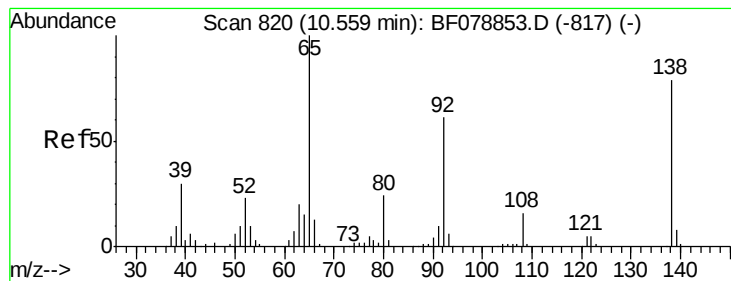
#46
 2-Chloronaphthalene
 Concen: 46.69 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion:162 Resp: 468591
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.9 50.9
 164 32.6 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: 46.75 ng

RT: 10.55 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

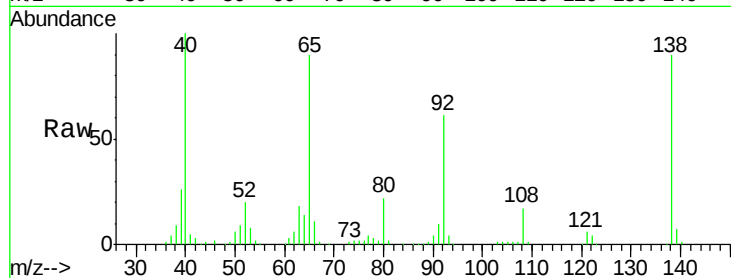
Tot Ion: 65 Resp: 135968

Ion Ratio Lower Upper

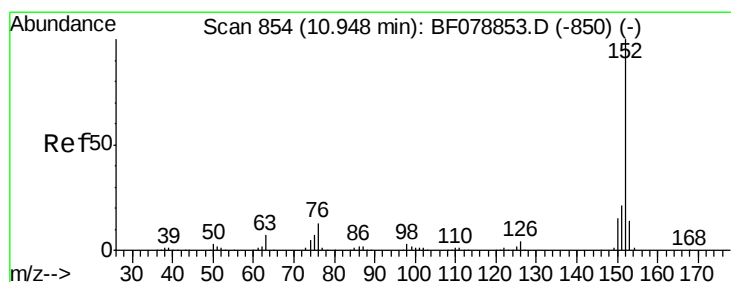
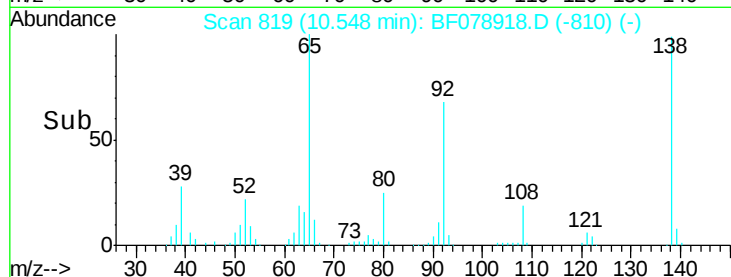
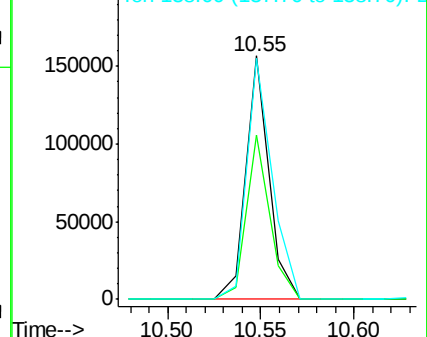
65 100

92 67.7 54.0 81.0

138 99.2 75.0 112.6



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 46.14 ng

RT: 10.94 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

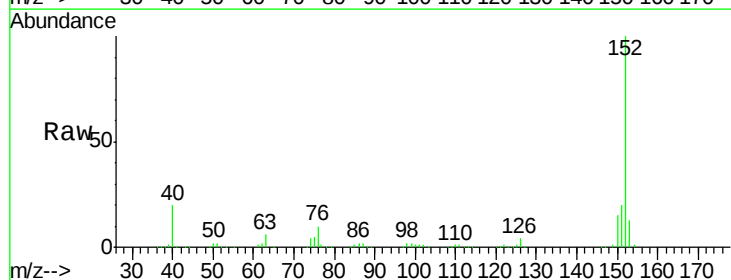
Tgt Ion: 152 Resp: 760437

Ion Ratio Lower Upper

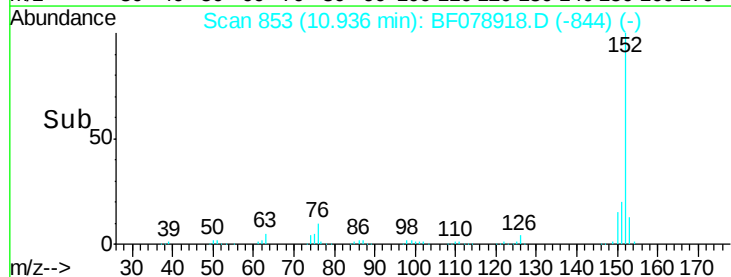
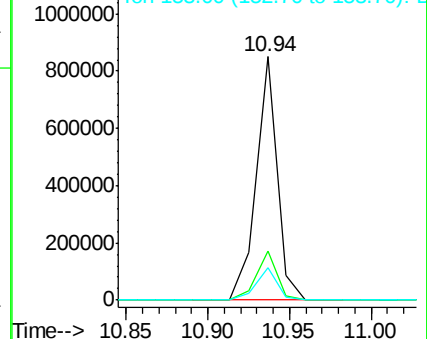
152 100

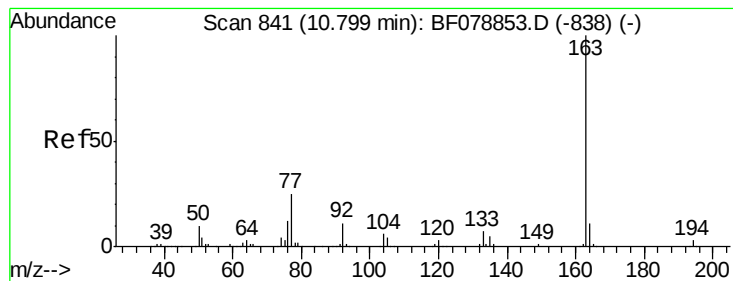
151 20.4 16.2 24.4

153 13.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 50.67 ng

RT: 10.79 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

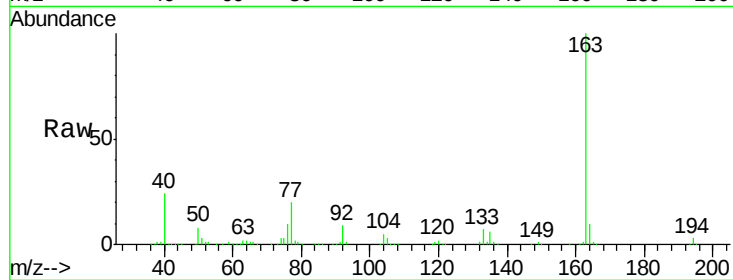
Tot Ion:163 Resp: 601957

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

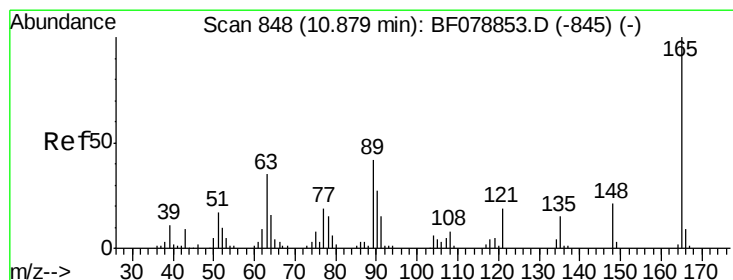
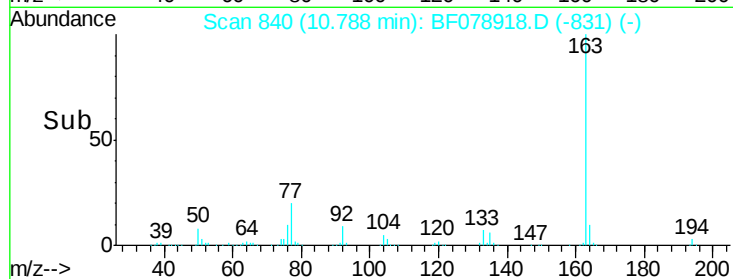
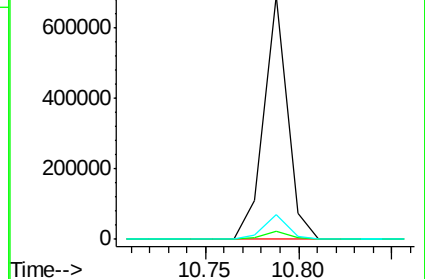
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.89 ng

RT: 10.86 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

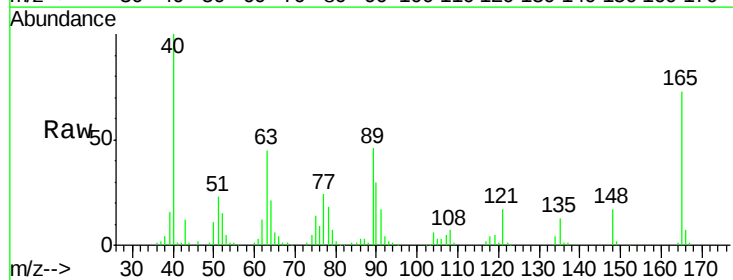
Tgt Ion:165 Resp: 112276

Ion Ratio Lower Upper

165 100

63 62.3 54.4 81.6

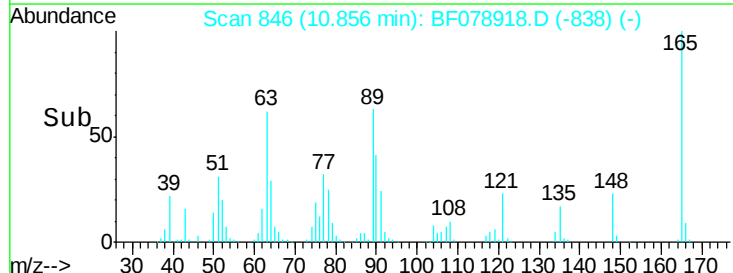
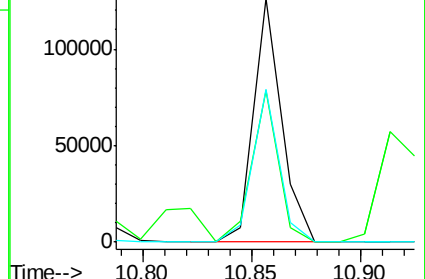
89 63.0 55.7 83.5

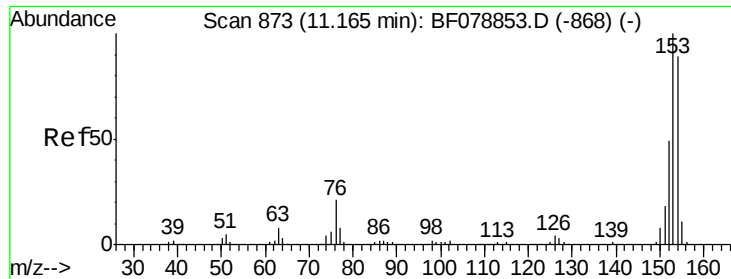


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.39 ng

RT: 11.15 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

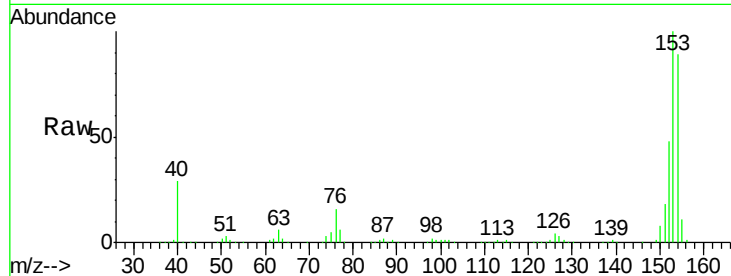
Tot Ion:154 Resp: 455868

Ion Ratio Lower Upper

154 100

153 112.7 91.5 137.3

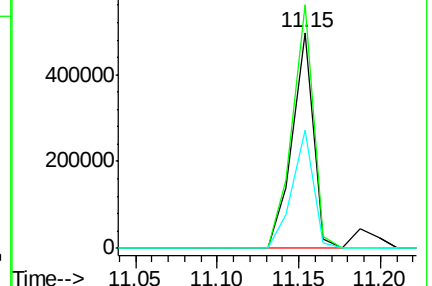
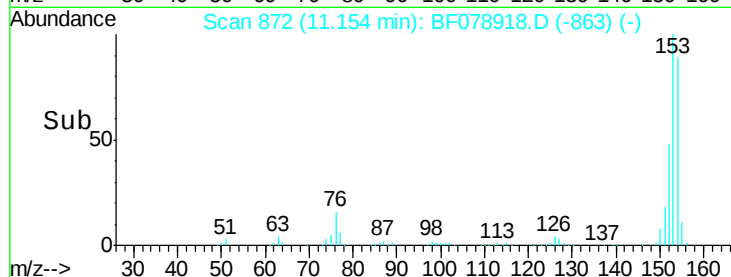
152 54.5 44.2 66.4



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: 34.28 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

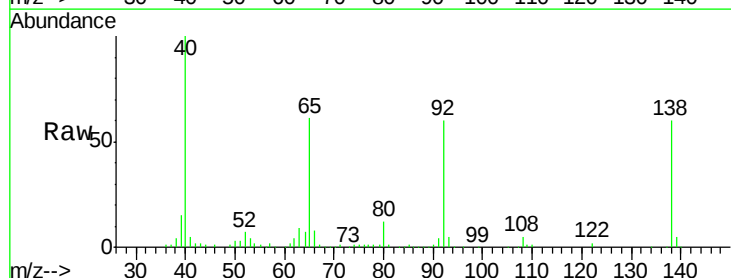
Tgt Ion:138 Resp: 100388

Ion Ratio Lower Upper

138 100

108 9.1 10.6 16.0#

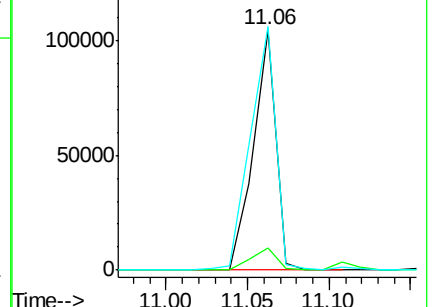
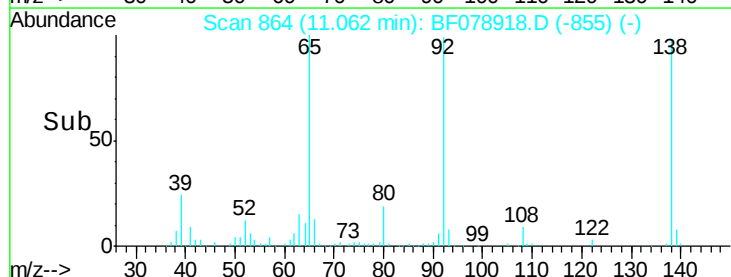
92 101.3 81.8 122.6



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

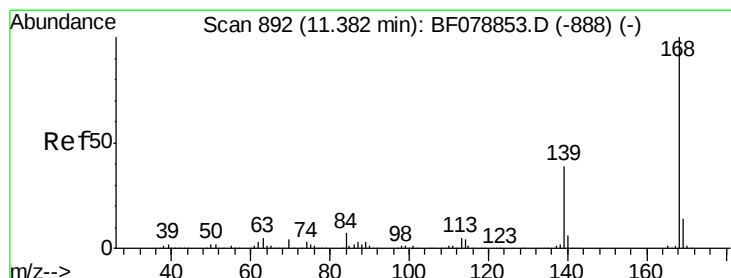
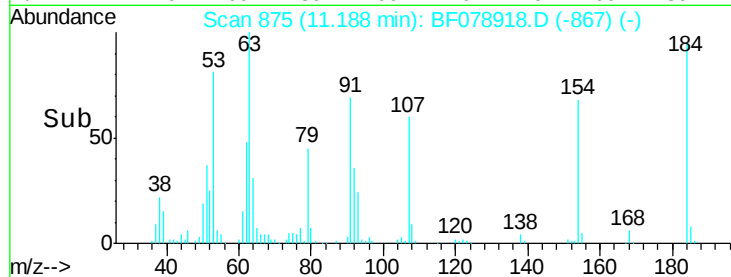
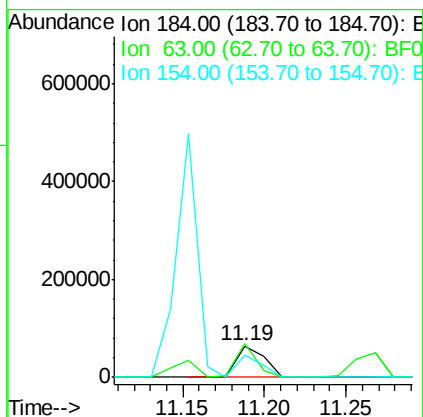
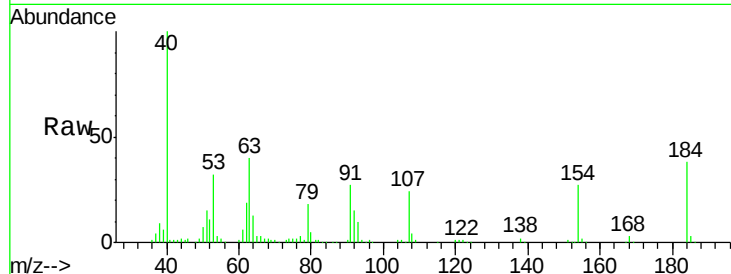




#53
 2,4-Dinitrophenol
 Concen: 78.38 ng
 RT: 11.19 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

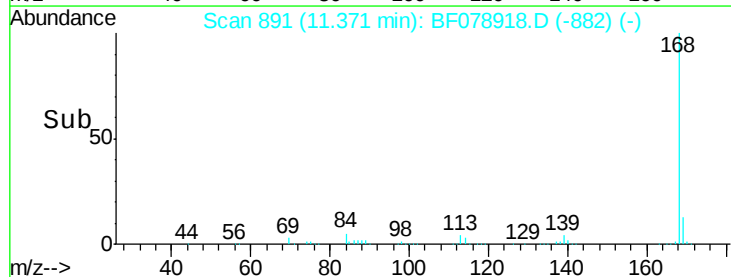
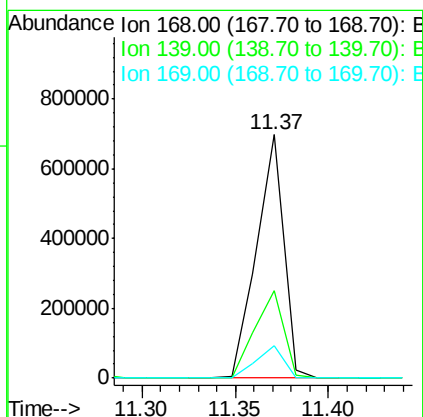
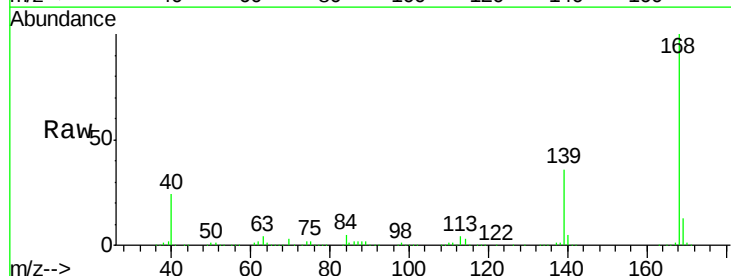
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

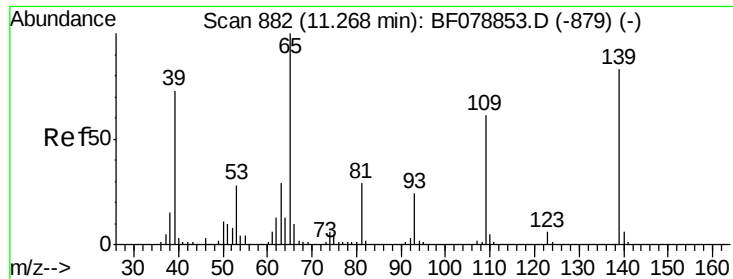
Tot Ion:184 Resp: 76954
 Ion Ratio Lower Upper
 184 100
 63 105.3 63.3 94.9#
 154 71.5 53.8 80.6



#54
 Dibenzofuran
 Concen: 49.44 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion:168 Resp: 701796
 Ion Ratio Lower Upper
 168 100
 139 36.0 31.0 46.4
 169 13.5 10.6 16.0

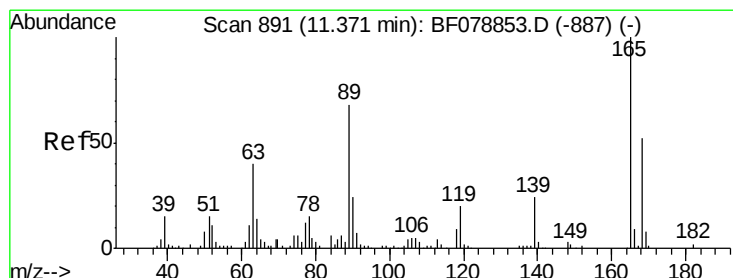
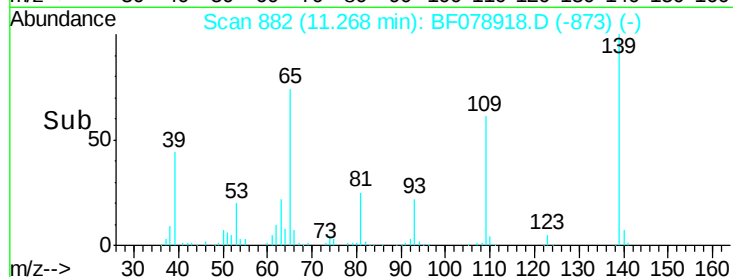
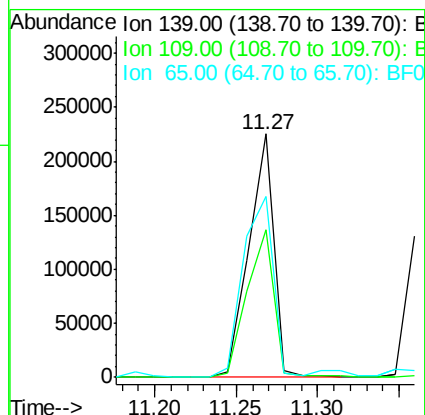
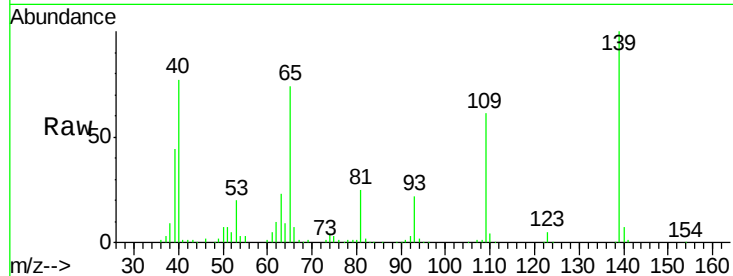




#55
4-Nitrophenol
Concen: 102.95 ng
RT: 11.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

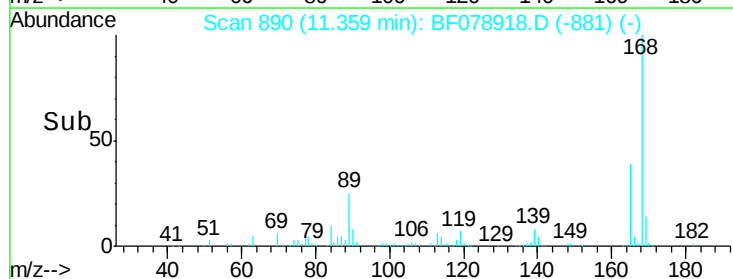
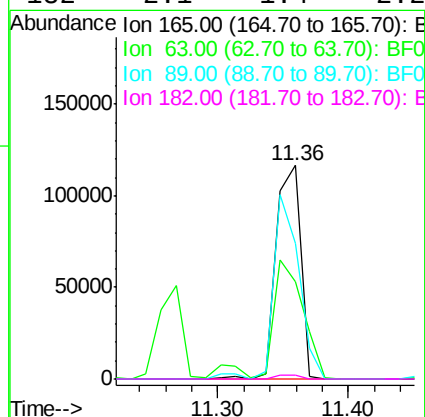
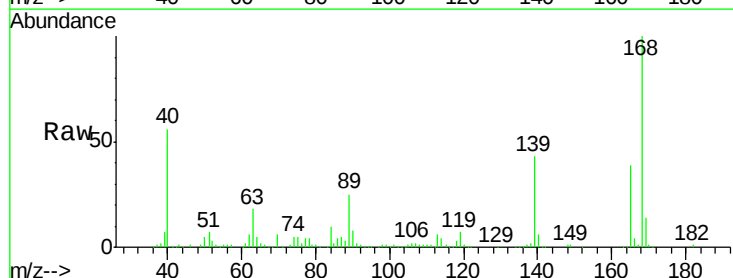
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MS

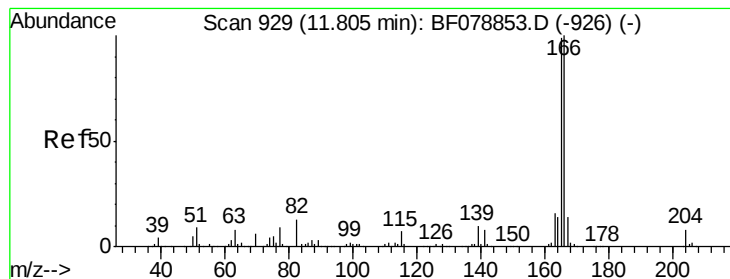
Tot Ion:139 Resp: 238625
Ion Ratio Lower Upper
139 100
109 60.9 47.6 87.6
65 74.2 54.3 94.3



#56
2,4-Dinitrotoluene
Concen: 49.74 ng
RT: 11.36 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Tgt Ion:165 Resp: 154152
Ion Ratio Lower Upper
165 100
63 45.3 51.2 76.8#
89 63.3 82.7 124.1#
182 2.1 1.4 2.2





#57

Fluorene

Concen: 47.85 ng

RT: 11.79 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

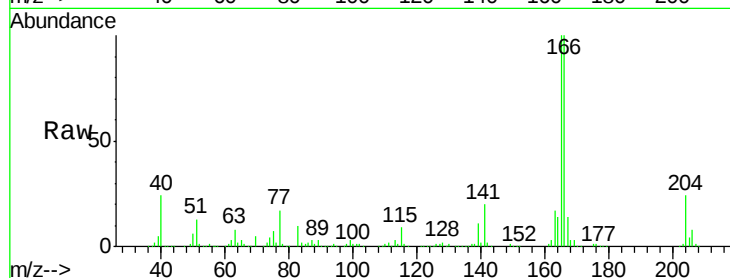
Tot Ion:166 Resp: 557461

Ion Ratio Lower Upper

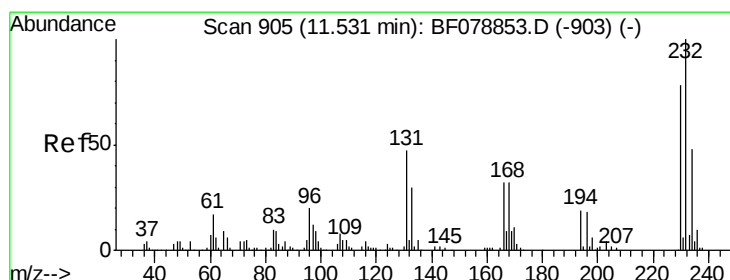
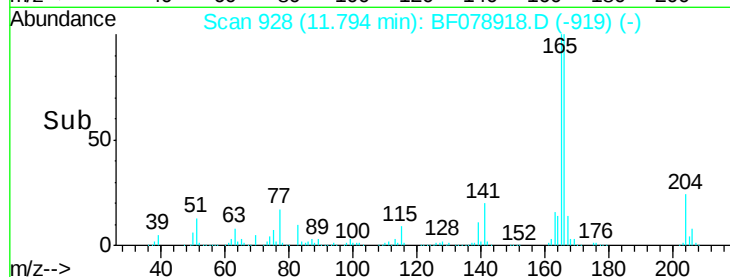
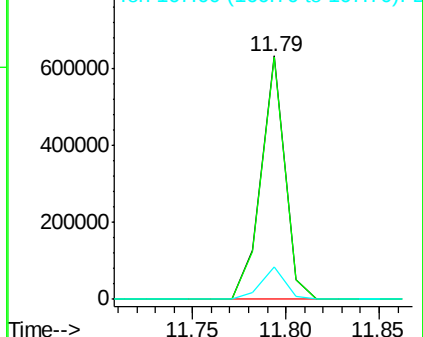
166 100

165 99.5 78.5 117.7

167 13.5 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.24 ng

RT: 11.52 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Tgt Ion:232 Resp: 124909

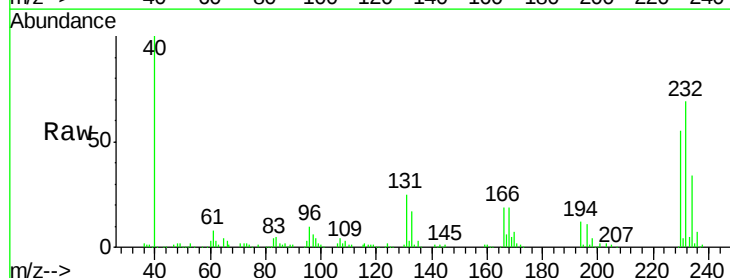
Ion Ratio Lower Upper

232 100

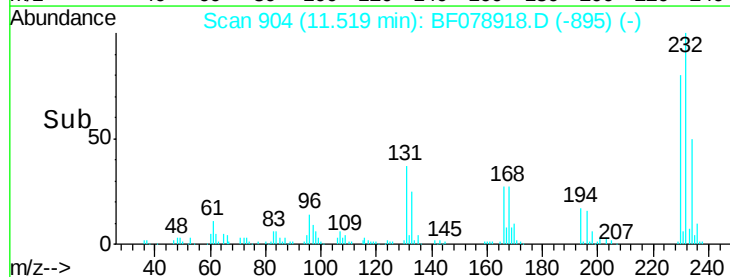
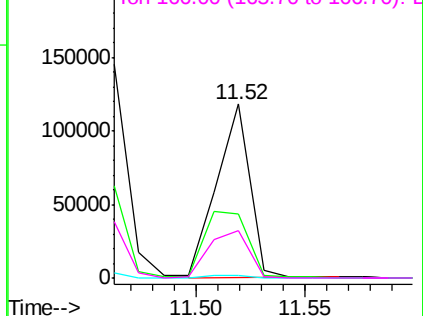
131 51.0 0.0 0.0#

130 2.3 0.0 0.0#

166 33.4 0.0 0.0#



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





#59

Diethylphthalate

Concen: 48.51 ng

RT: 11.67 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

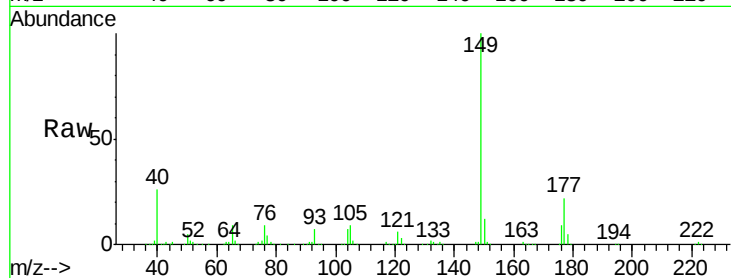
Tot Ion:149 Resp: 570903

Ion Ratio Lower Upper

149 100

177 22.1 17.5 26.3

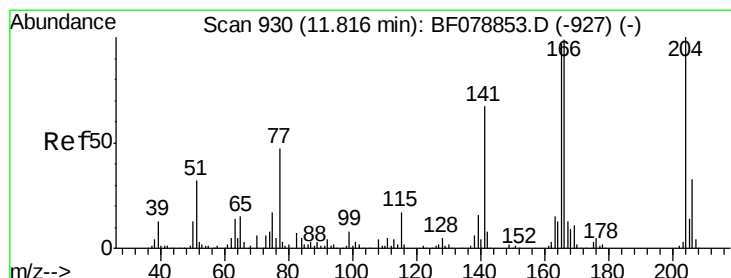
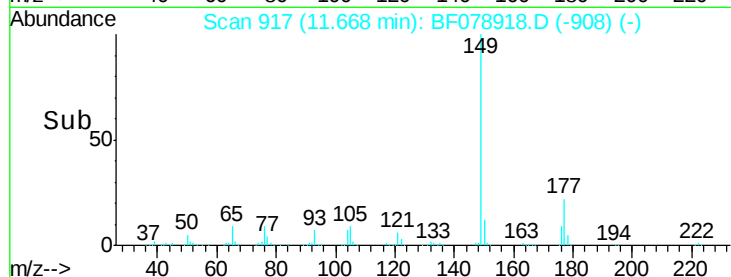
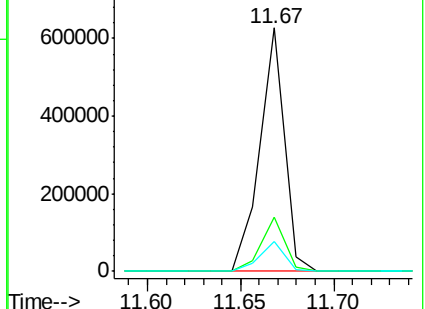
150 12.4 9.6 14.4



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: 45.95 ng

RT: 11.81 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

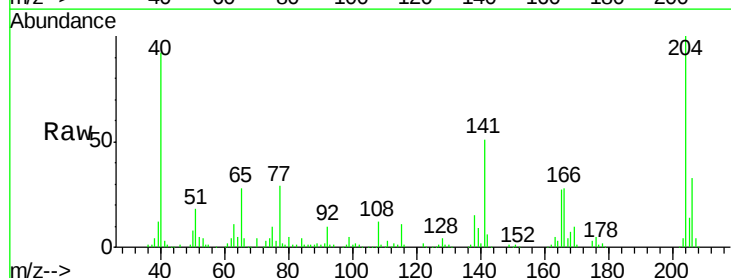
Tgt Ion:204 Resp: 237510

Ion Ratio Lower Upper

204 100

206 33.1 26.9 40.3

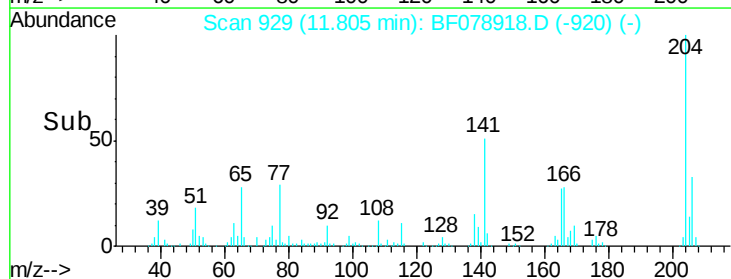
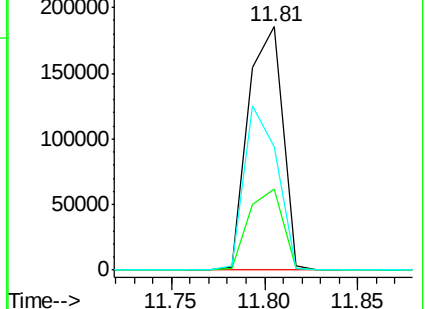
141 50.9 48.3 72.5



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: 45.53 ng

RT: 11.82 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

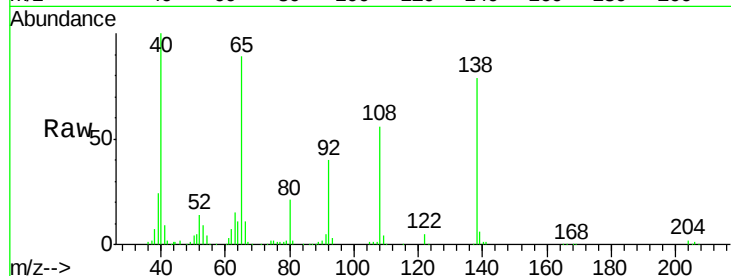
Tot Ion:138 Resp: 133396

Ion Ratio Lower Upper

138 100

92 50.4 28.0 68.0

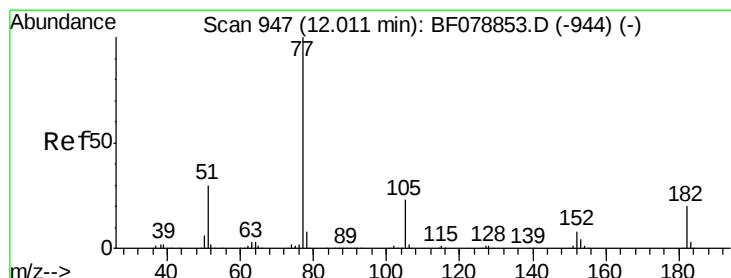
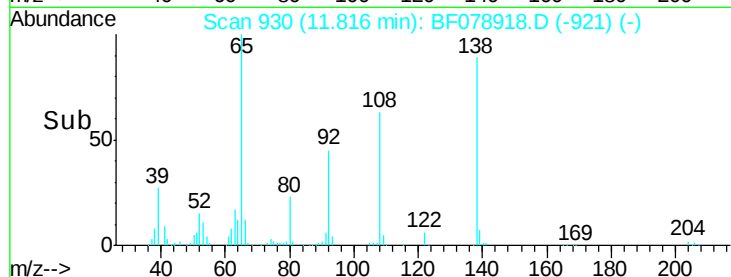
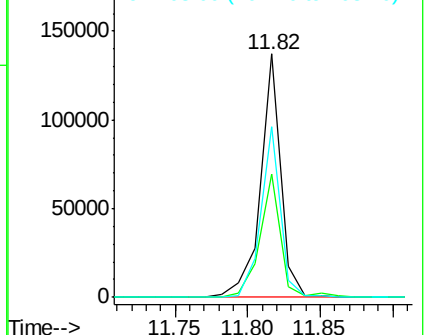
108 70.3 56.3 96.3



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: 49.25 ng

RT: 12.00 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Tgt Ion: 77 Resp: 571093

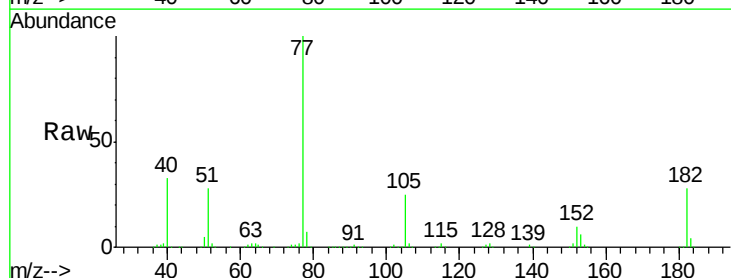
Ion Ratio Lower Upper

77 100

182 28.1 3.8 43.8

105 25.3 3.9 43.9

51 27.7 10.8 50.8

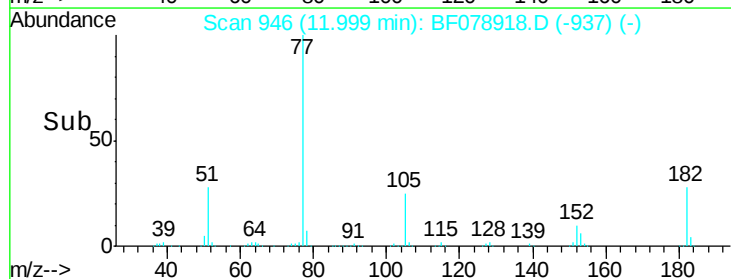
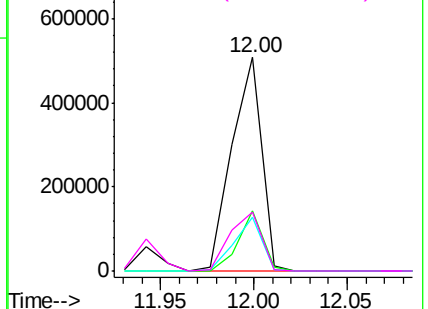


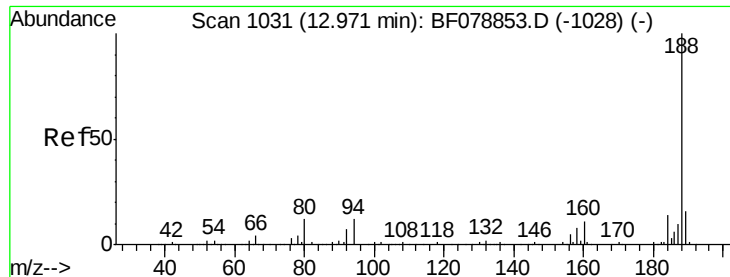
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

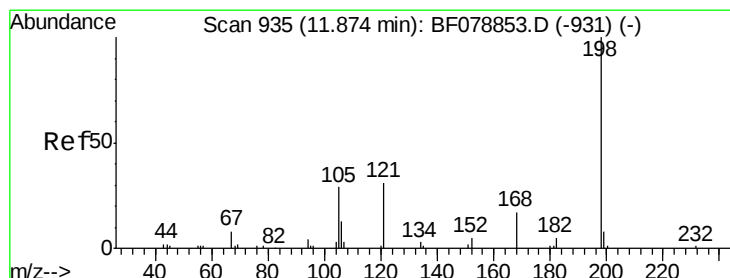
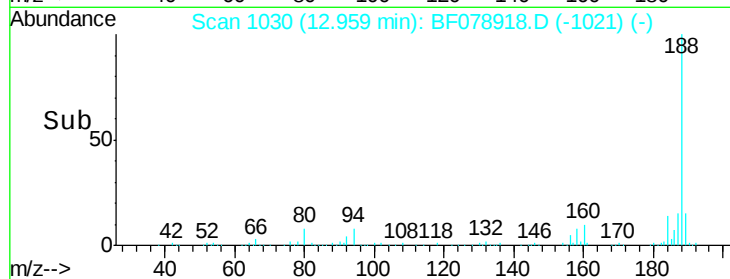
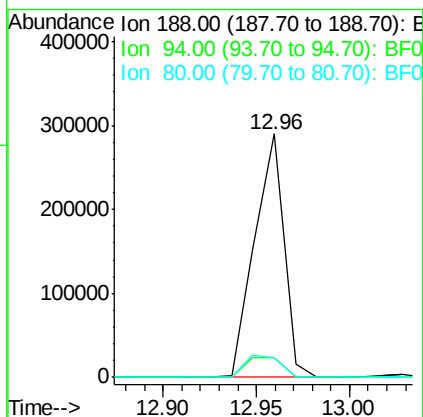
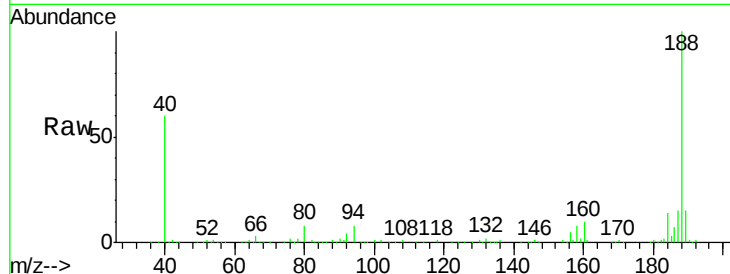




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.96 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

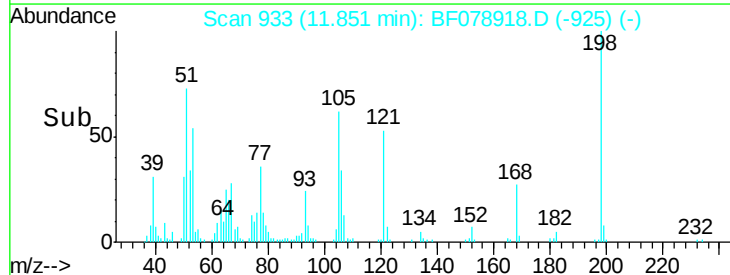
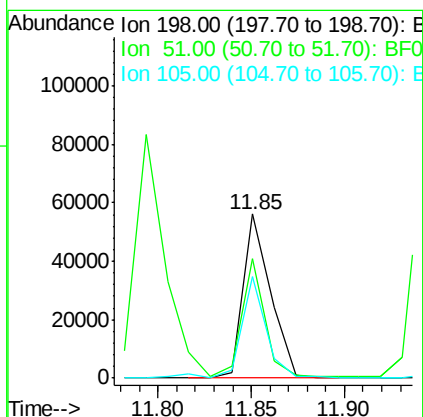
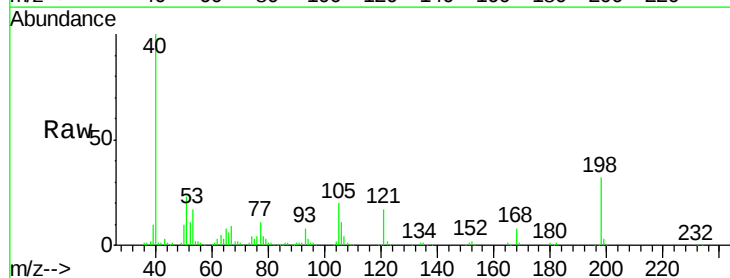
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

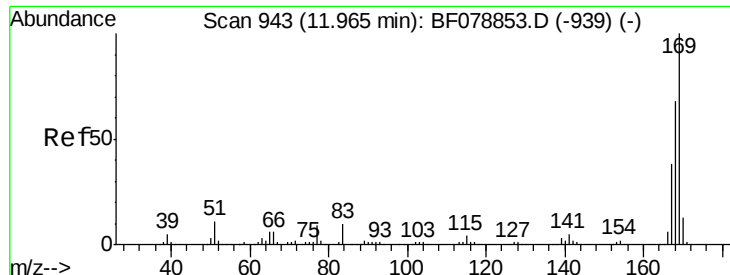
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.1	8.9	13.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.78 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion	Ratio	Lower	Upper
198	100		
51	72.9	47.3	87.3
105	62.1	38.8	78.8

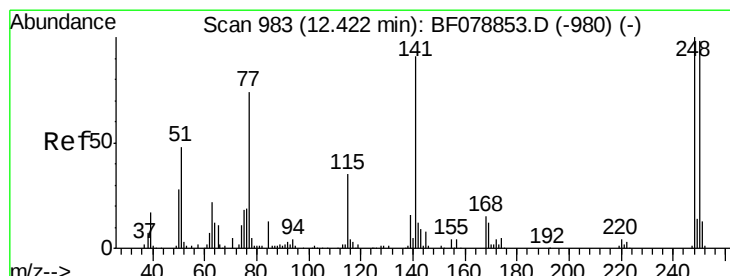
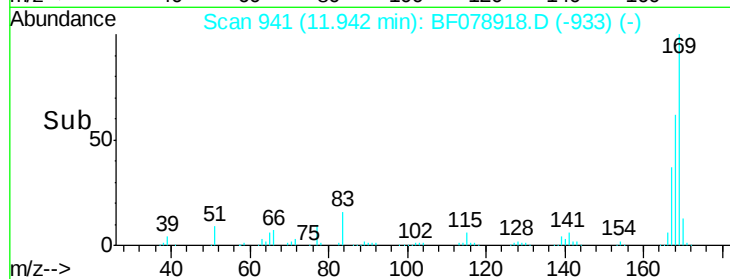
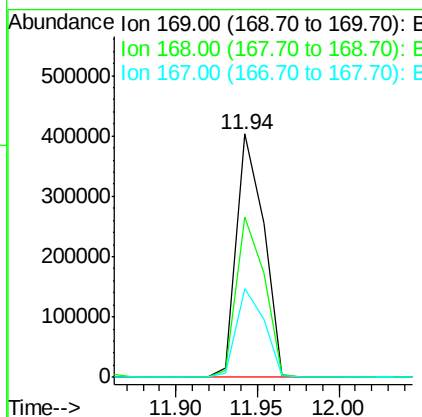
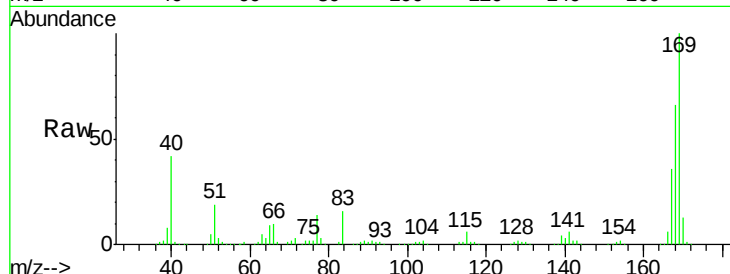




#65
 n-Nitrosodiphenylamine
 Concen: 44.21 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

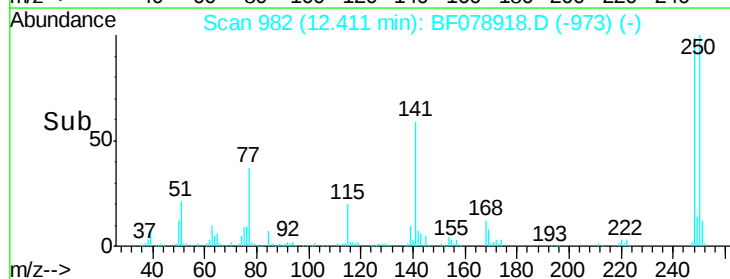
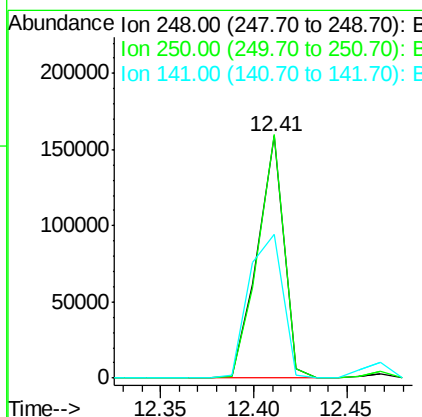
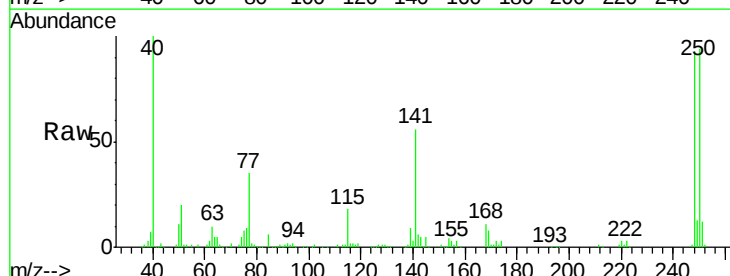
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

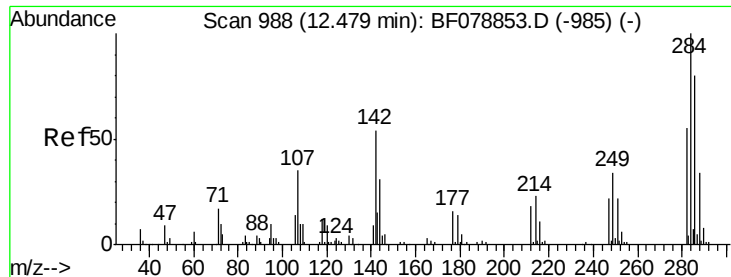
Tot Ion:169 Resp: 464063
 Ion Ratio Lower Upper
 169 100
 168 65.8 54.6 82.0
 167 36.5 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 47.49 ng
 RT: 12.41 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion:248 Resp: 156015
 Ion Ratio Lower Upper
 248 100
 250 100.7 77.1 115.7
 141 59.6 58.8 88.2

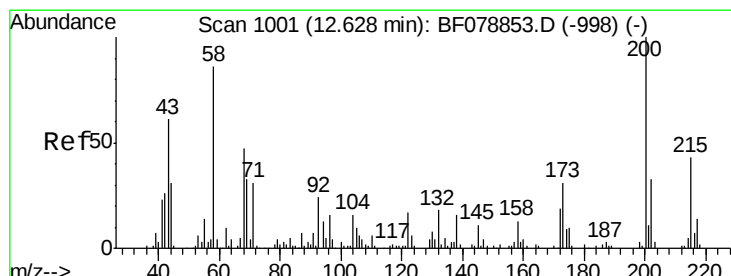
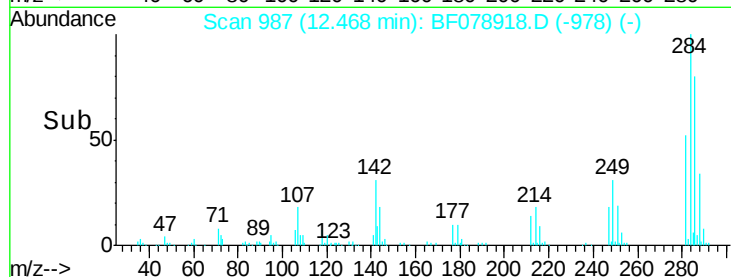
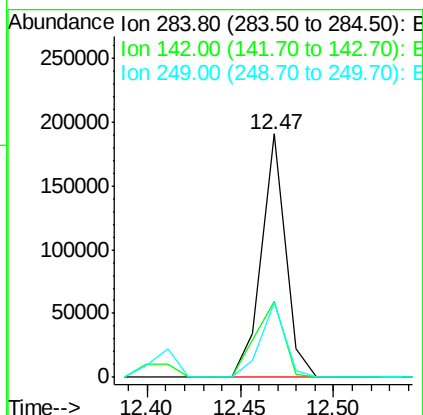
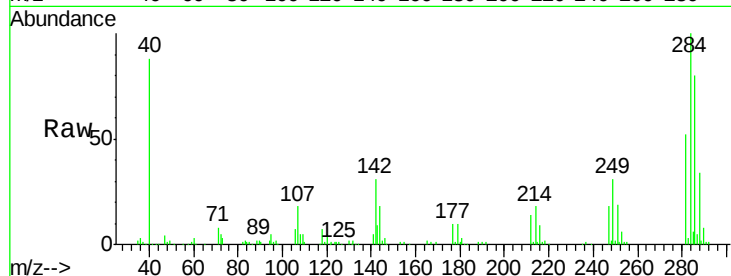




#67
Hexachlorobenzene
Concen: 45.29 ng
RT: 12.47 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

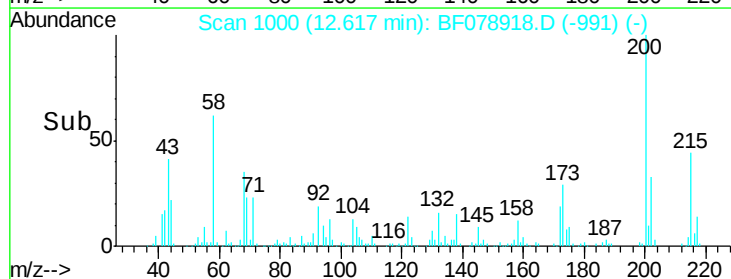
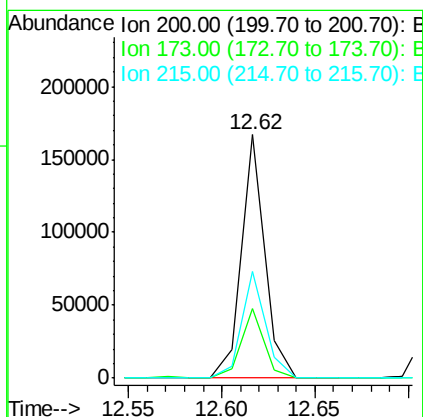
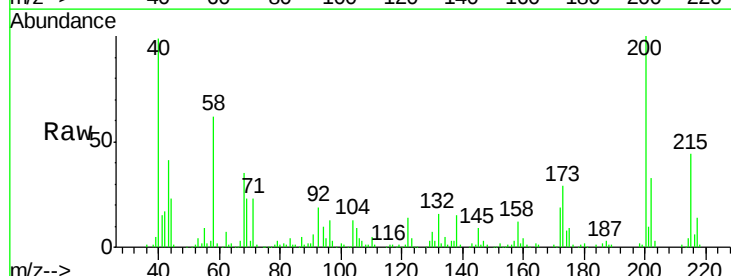
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MS

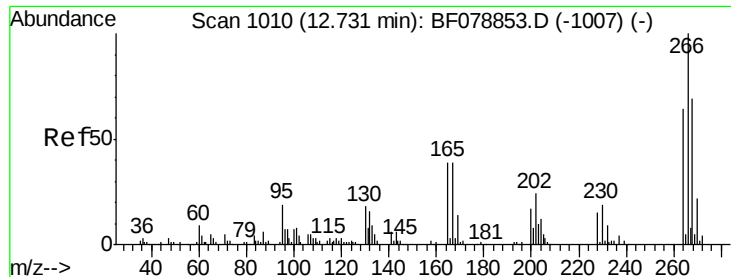
Tot Ion:284 Resp: 170051
Ion Ratio Lower Upper
284 100
142 31.3 35.2 52.8#
249 30.5 25.4 38.2



#68
Atrazine
Concen: 47.85 ng
RT: 12.62 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Tgt Ion:200 Resp: 146052
Ion Ratio Lower Upper
200 100
173 28.7 8.1 48.1
215 43.7 22.9 62.9

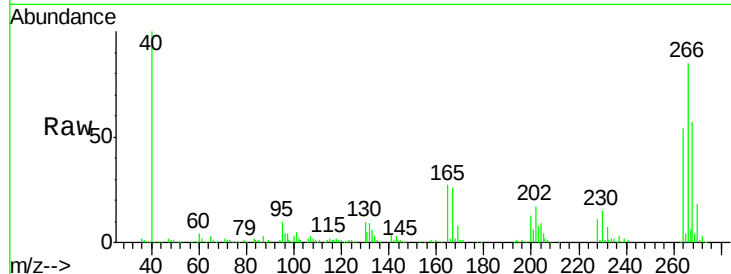




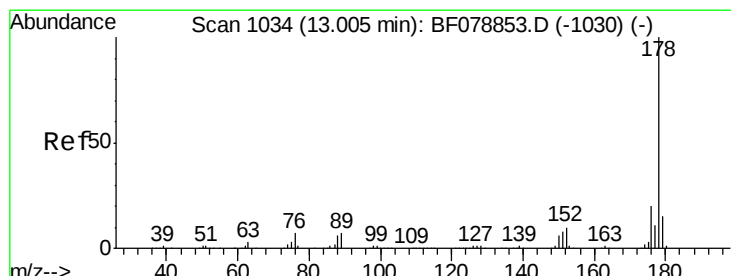
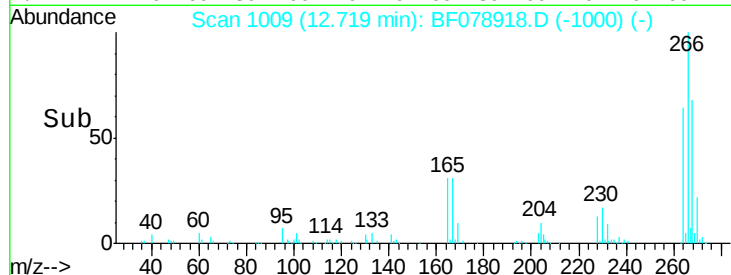
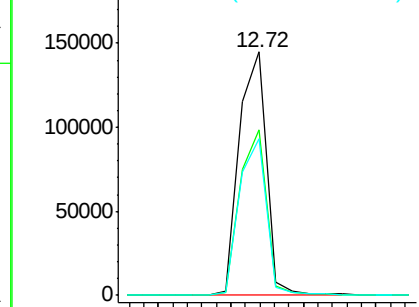
#69
 Pentachlorophenol
 Concen: 85.72 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.8	55.0	82.6
264	64.1	48.2	72.2

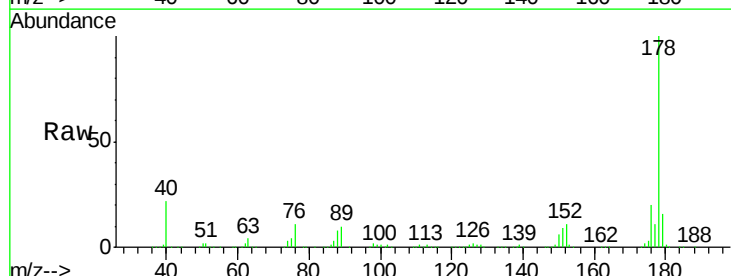


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

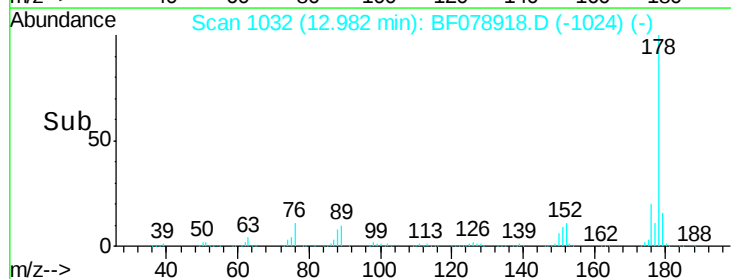
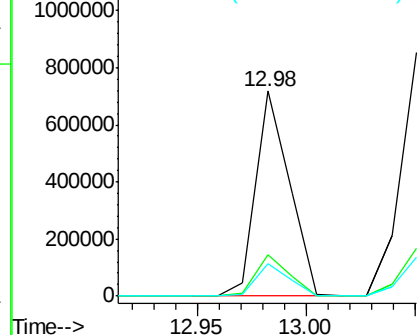


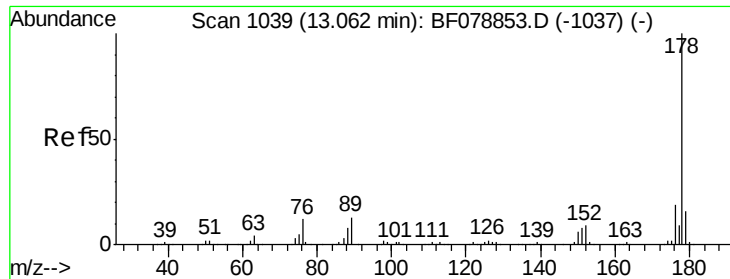
#70
 Phenanthrene
 Concen: 44.01 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.9	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

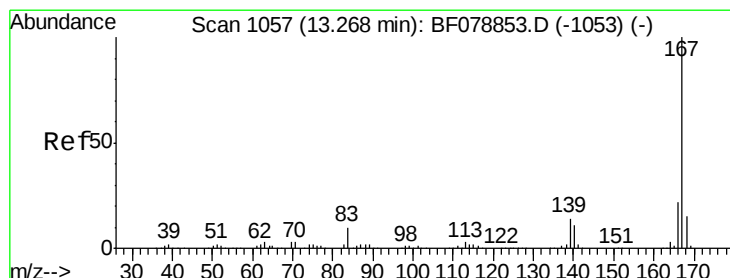
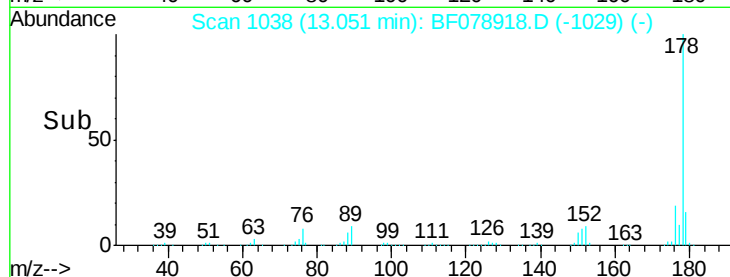
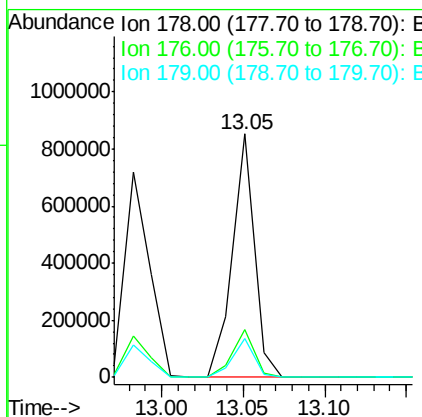
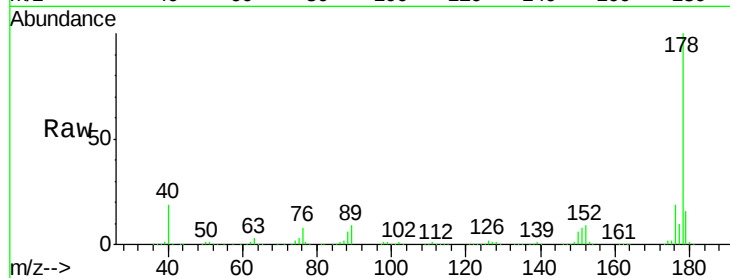




#71
 Anthracene
 Concen: 45.80 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

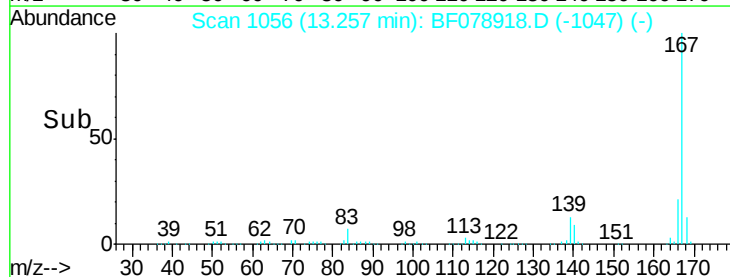
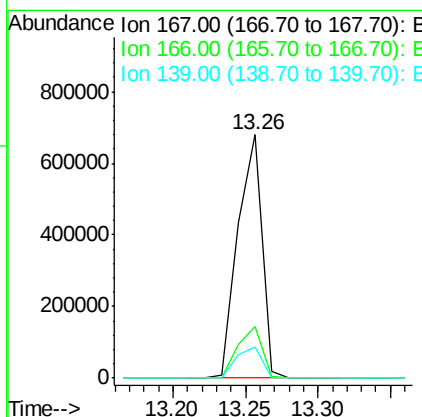
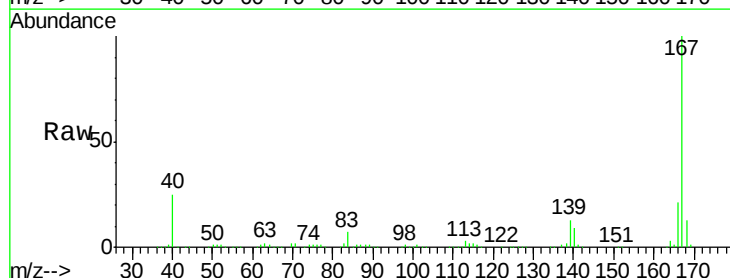
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

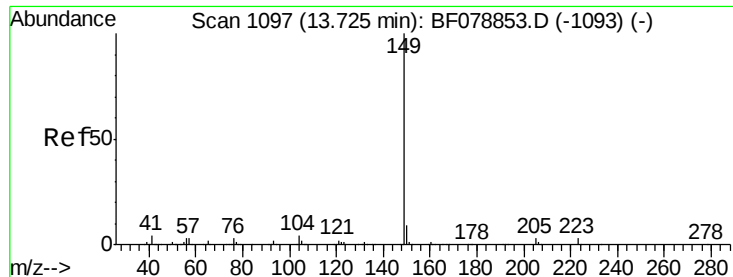
Tot Ion:178 Resp: 792214
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 47.67 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion:167 Resp: 785854
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.8 26.8
 139 12.6 10.6 16.0





#73

Di-n-butylphthalate

Concen: 46.90 ng

RT: 13.70 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

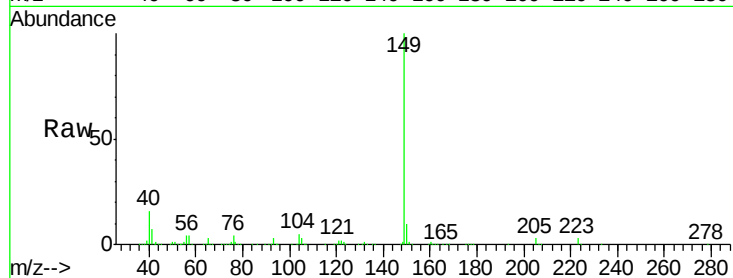
Tot Ion:149 Resp: 927305

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

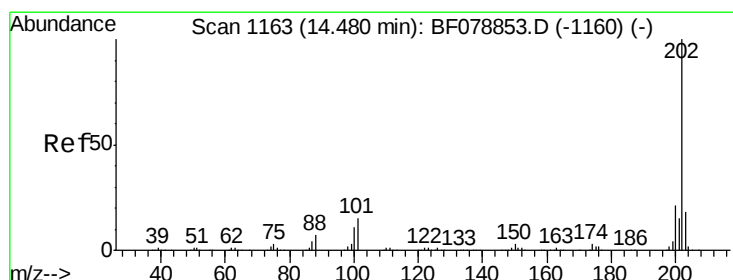
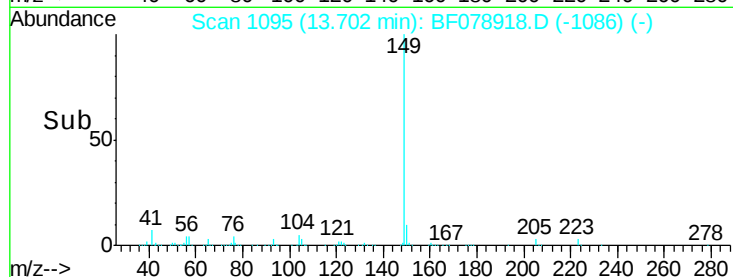
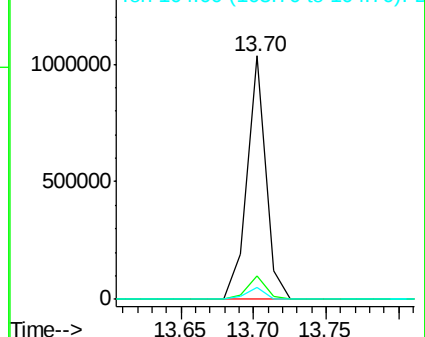
104 4.8 4.6 7.0



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: 46.18 ng

RT: 14.47 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

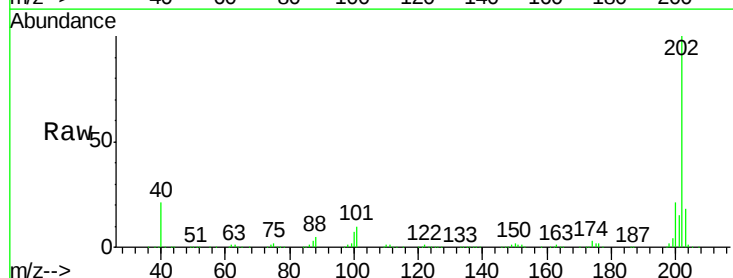
Tgt Ion:202 Resp: 848413

Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.6

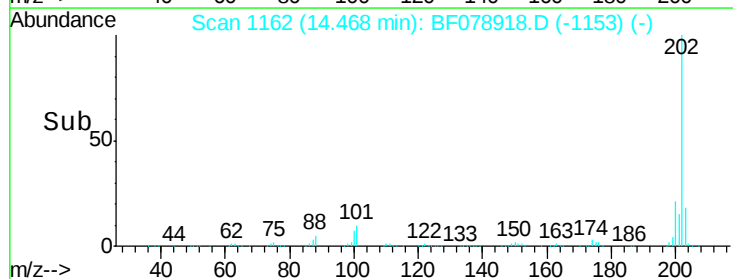
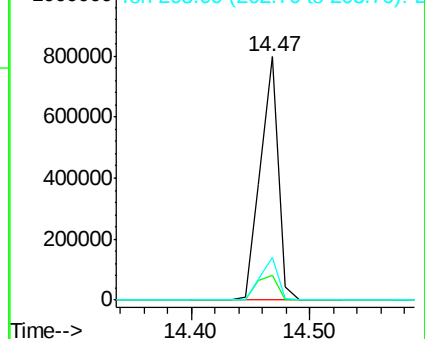
203 17.8 0.0 38.4

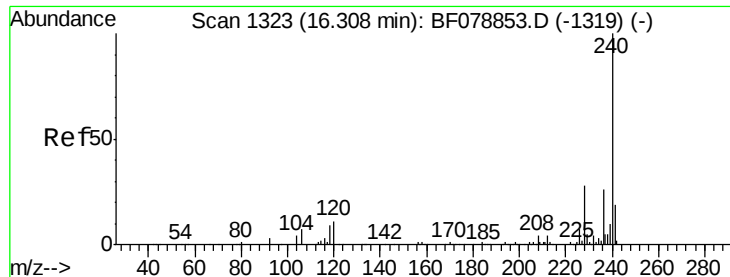


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng/mL

RT: 16.25 min Scan# 1318

Delta R.T. -0.07 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument:

BNA_F

ClientSampleID:

FK-BPM-01-AA1-AA2-BB1-BB2MS

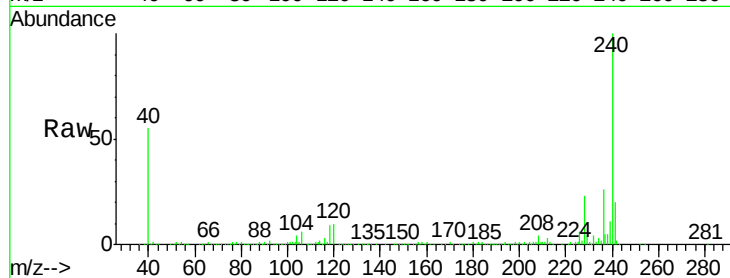
Tot Ion: 240 Resp: 325436

Ion Ratio Lower Upper

240 100

120 10.2 9.7 14.5

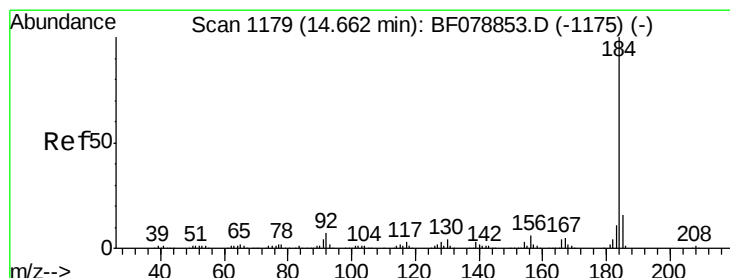
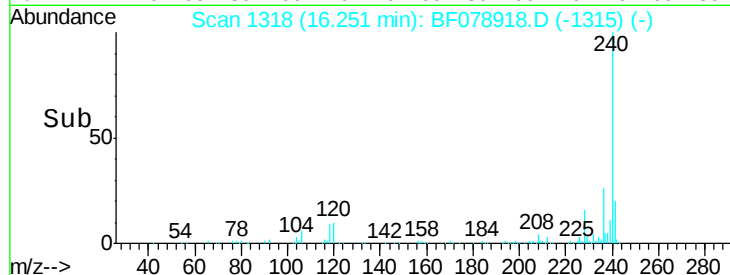
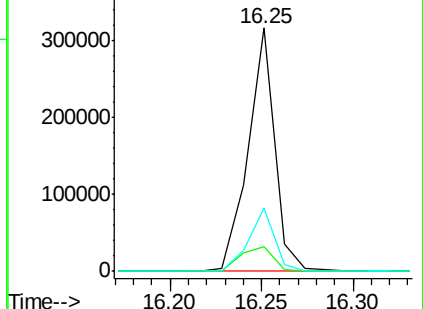
236 26.2 20.2 30.4



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: 28.77 ng/mL

RT: 14.64 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

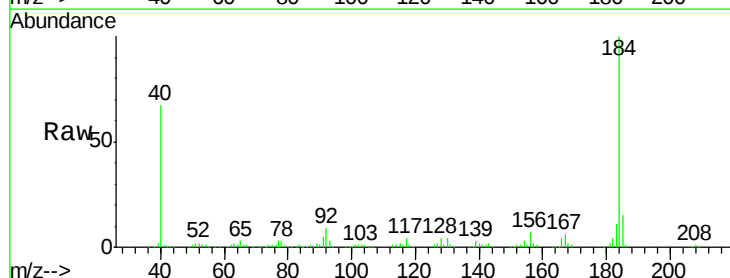
Tgt Ion: 184 Resp: 252361

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

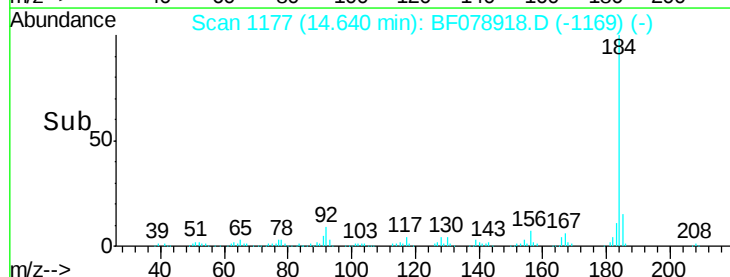
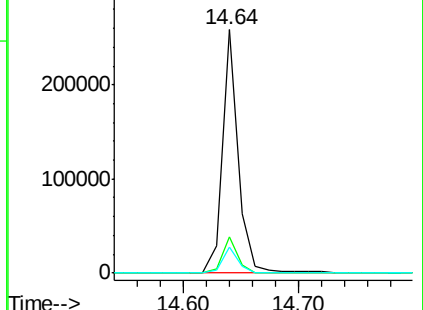
183 10.6 8.4 12.6

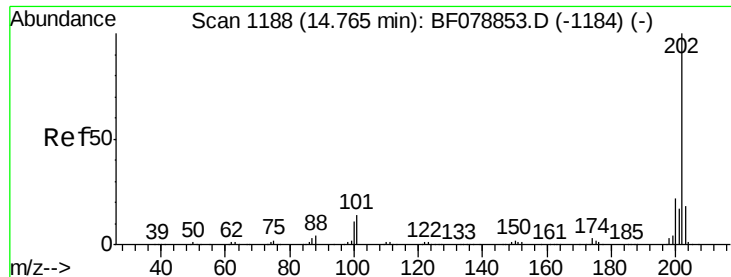


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

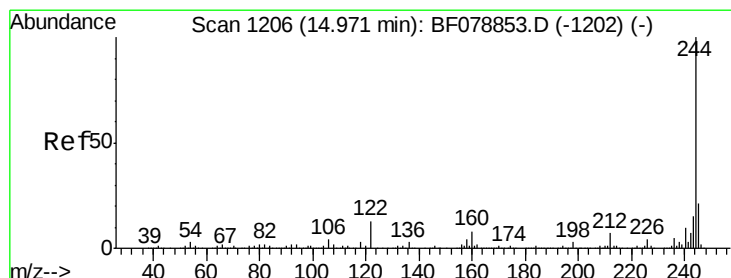
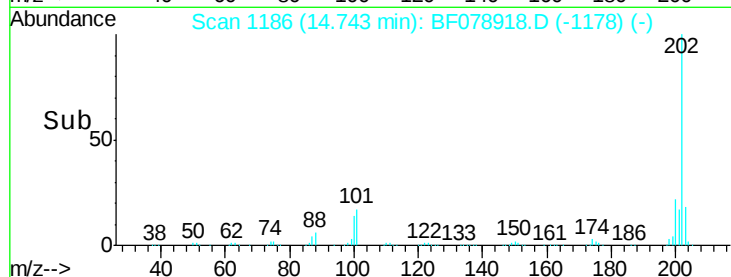
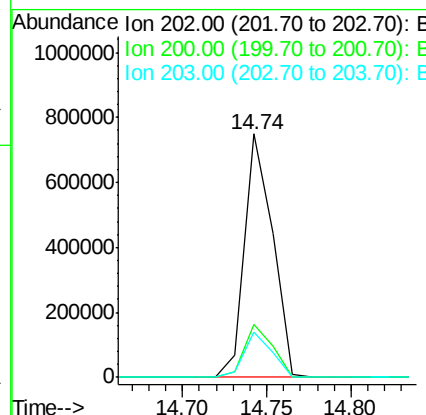
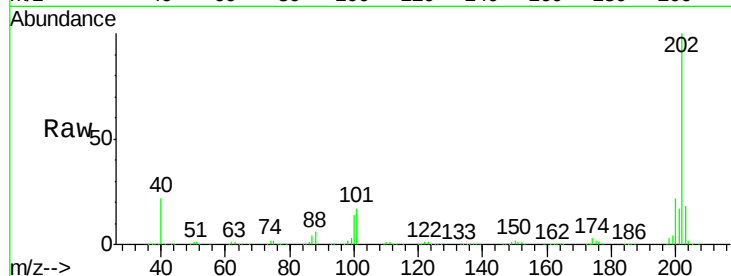




#77
Pvrene
Concen: 46.70 ng m
RT: 14.74 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

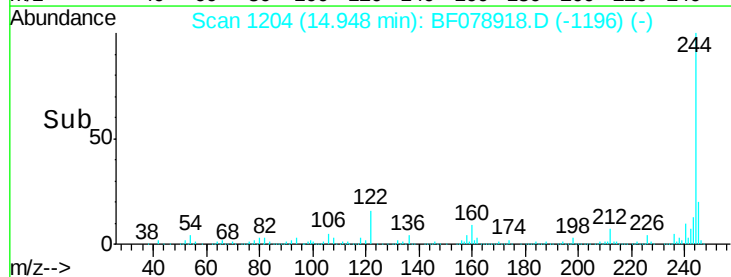
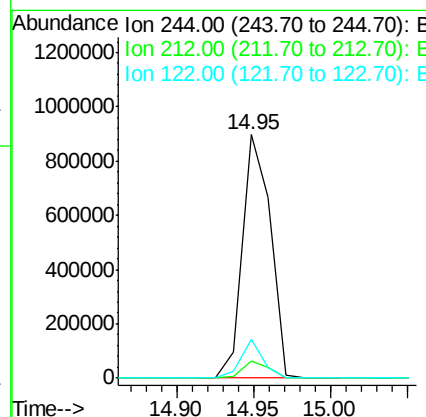
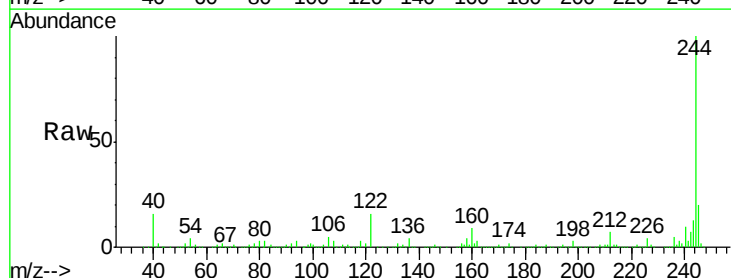
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MS

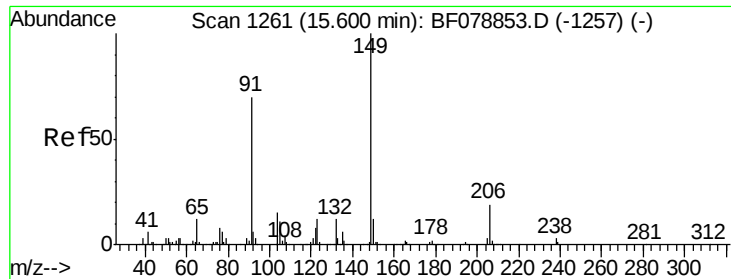
Tot Ion:202 Resp: 875864
Ion Ratio Lower Upper
202 100
200 21.6 17.5 26.3
203 18.3 13.9 20.9



#78
Terphenyl-d14
Concen: 84.56 ng m
RT: 14.95 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Tgt Ion:244 Resp: 1149426
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 16.1 10.3 15.5#

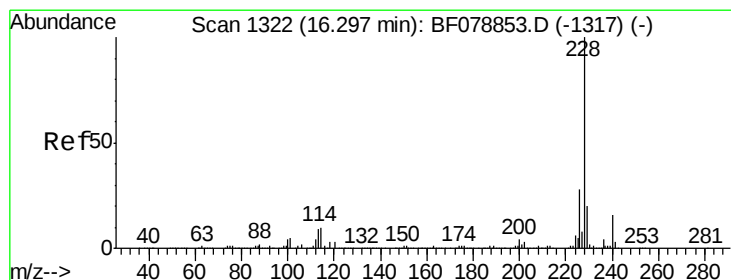
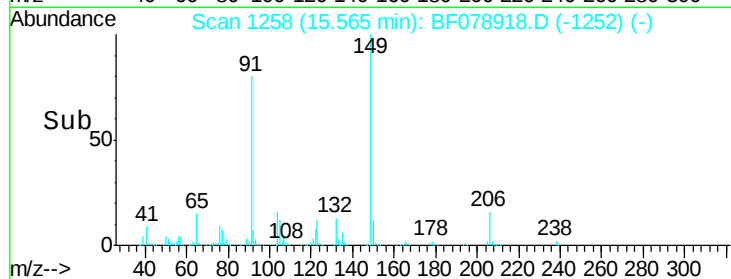
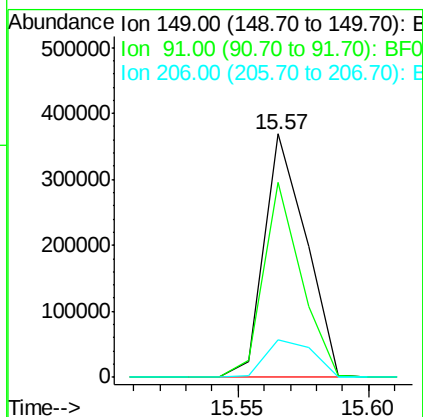
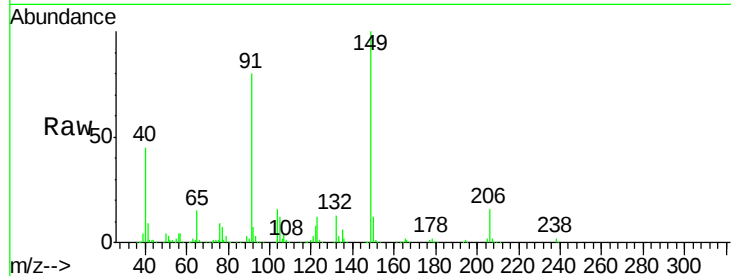




#79
Butylbenzylphthalate
Concen: 49.60 ng
RT: 15.57 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

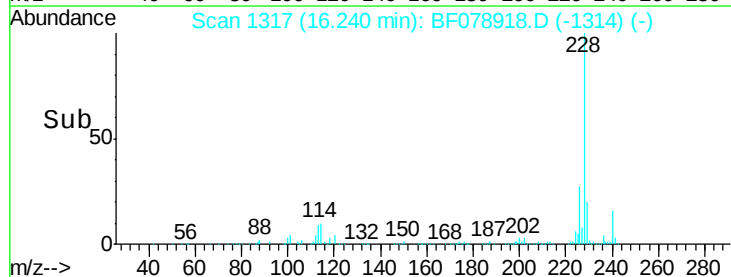
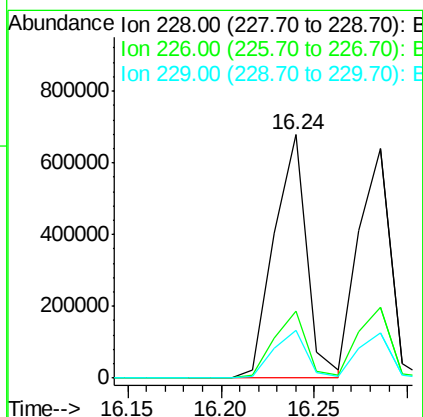
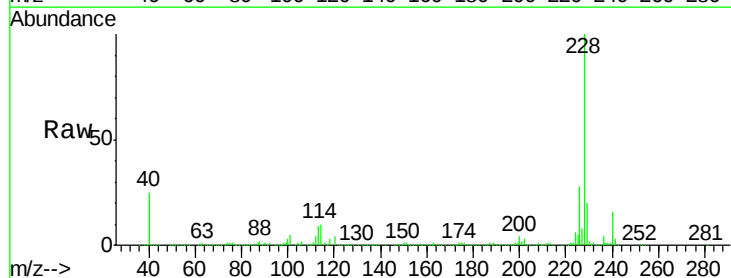
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.0	64.6	97.0
206	15.6	12.2	18.4



#80
Benzo(a)anthracene
Concen: 46.18 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.07 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.5	15.9	23.9

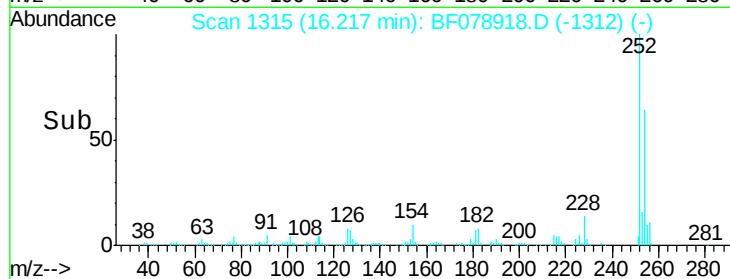
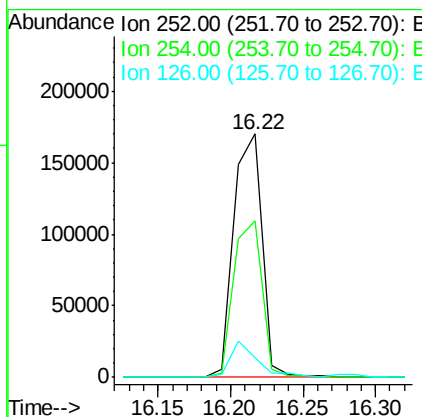
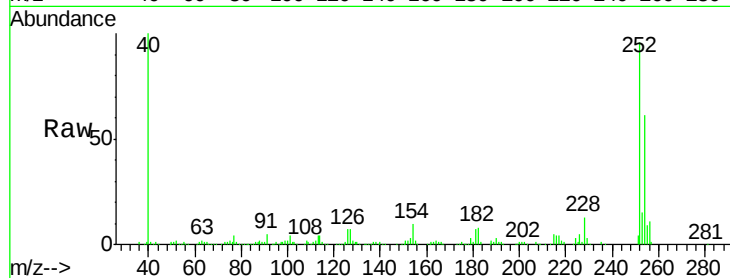




#81
 3,3'-Dichlorobenzidine
 Concen: 36.46 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. -0.07 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

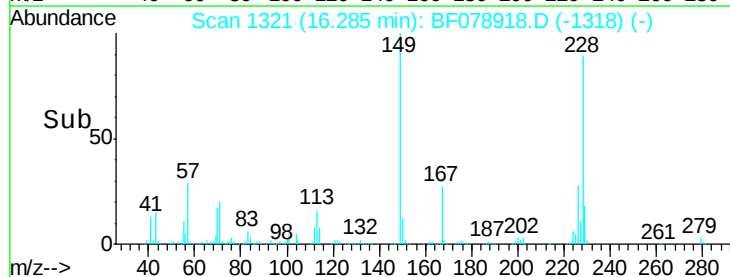
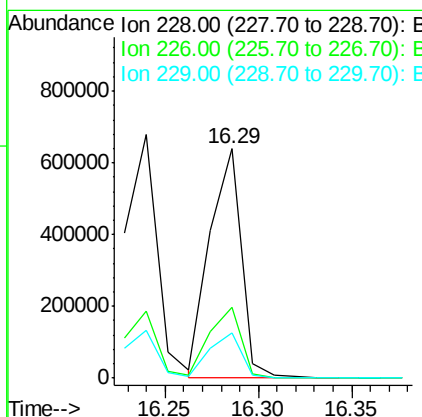
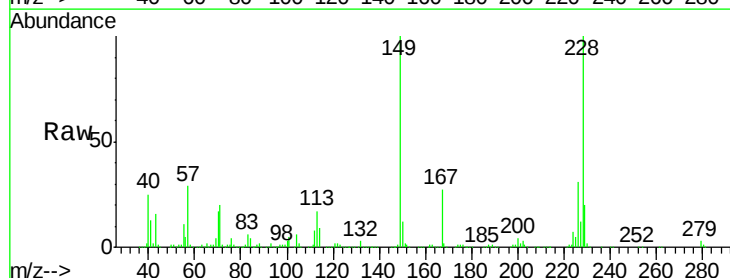
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

Tot Ion:252 Resp: 231439
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.3 76.9
 126 7.8 6.6 10.0



#82
 Chrysene
 Concen: 43.79 ng
 RT: 16.29 min Scan# 1321
 Delta R.T. -0.07 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion:228 Resp: 750587
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.8 16.0 24.0

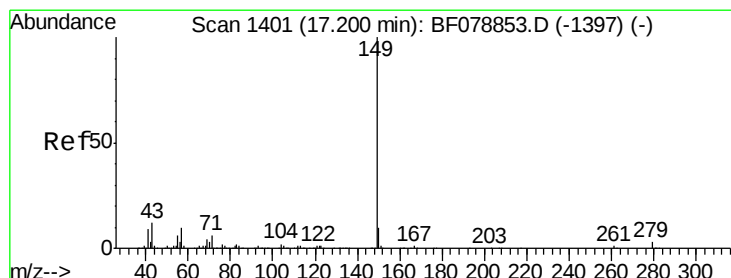
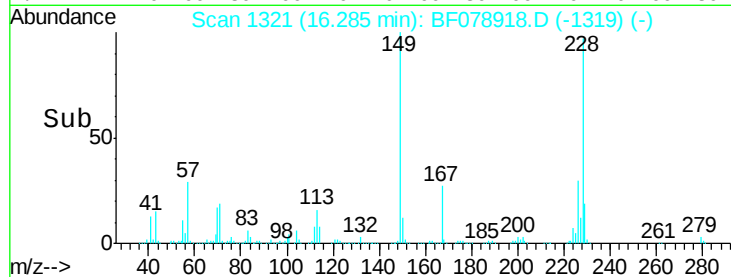
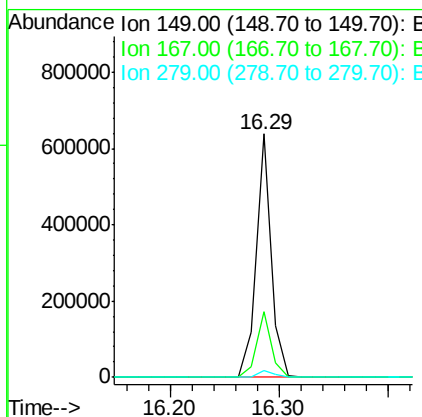
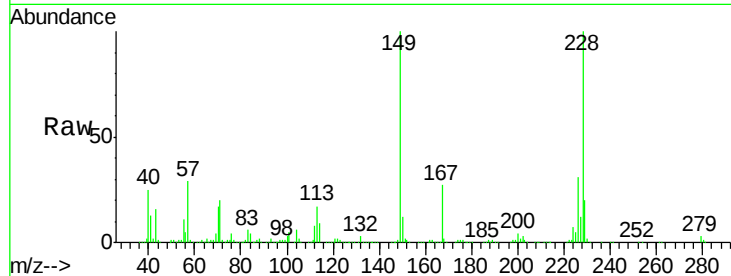




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.01 ng
 RT: 16.29 min Scan# 1321
 Delta R.T. -0.08 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

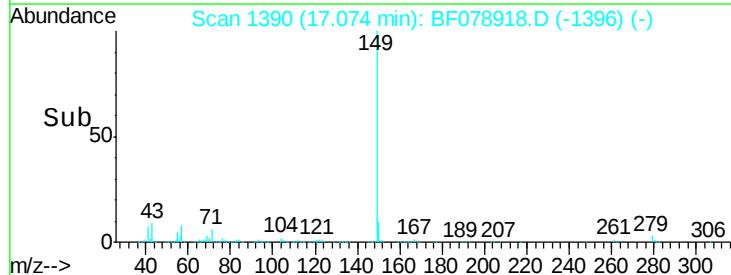
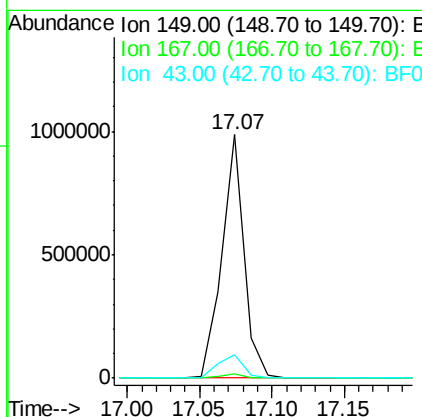
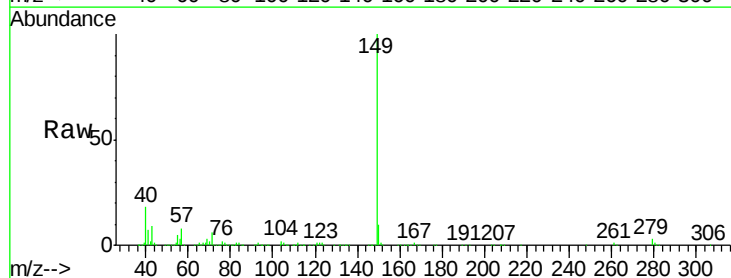
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MS

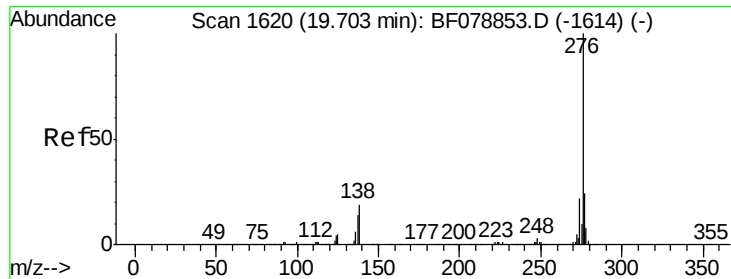
Tot Ion:149 Resp: 620952
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.8 32.8
 279 2.8 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 47.83 ng m
 RT: 17.07 min Scan# 1390
 Delta R.T. -0.17 min
 Lab File: BF078918.D
 Acq: 4 May 2015 15:00

Tgt Ion:149 Resp: 1045923
 Ion Ratio Lower Upper
 149 100
 167 0.0 0.0 0.0
 43 0.0 0.0 0.0

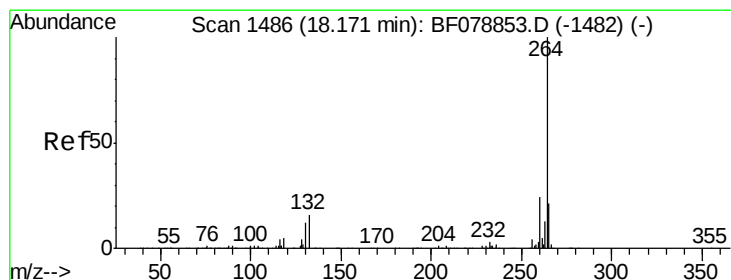
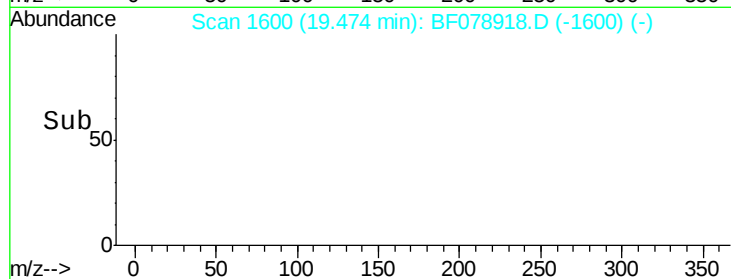
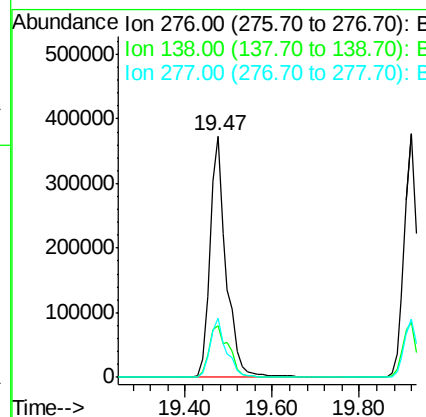
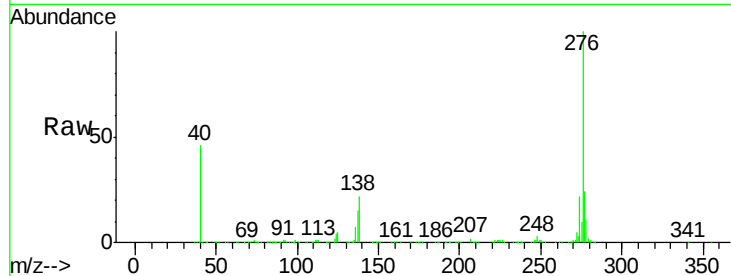




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.18 ng
RT: 19.47 min Scan# 1600
Delta R.T. -0.30 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

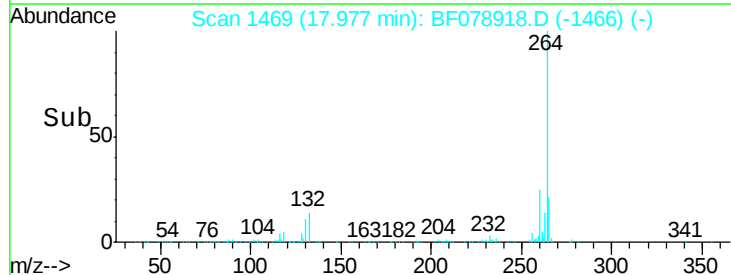
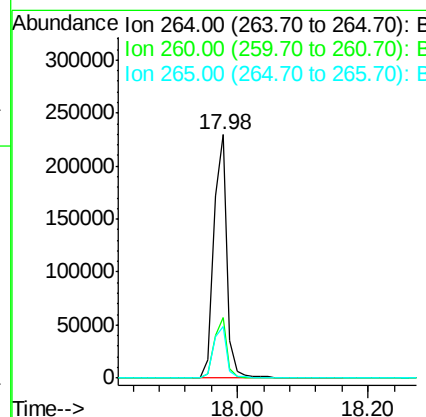
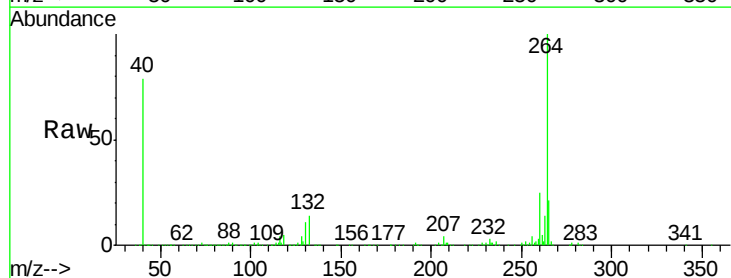
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MS

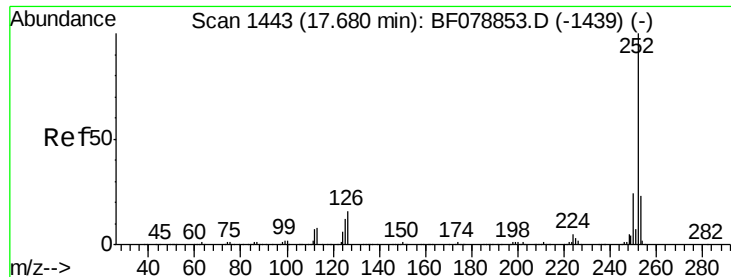
Tot Ion:276 Resp: 964883
Ion Ratio Lower Upper
276 100
138 26.5 0.0 0.0#
277 24.9 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.98 min Scan# 1469
Delta R.T. -0.26 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Tgt Ion:264 Resp: 323521
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.4 18.3 27.5





#87

Benzo(b)fluoranthene

Concen: 47.28 ng m

RT: 17.53 min Scan# 1430

Delta R.T. -0.21 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

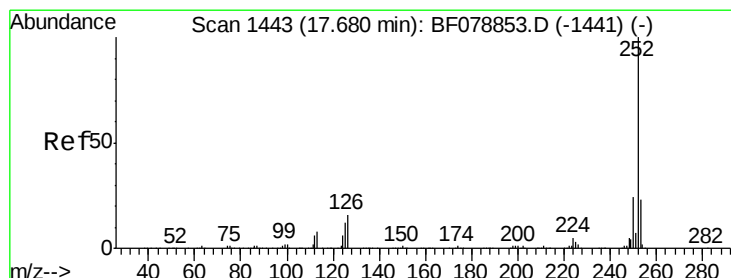
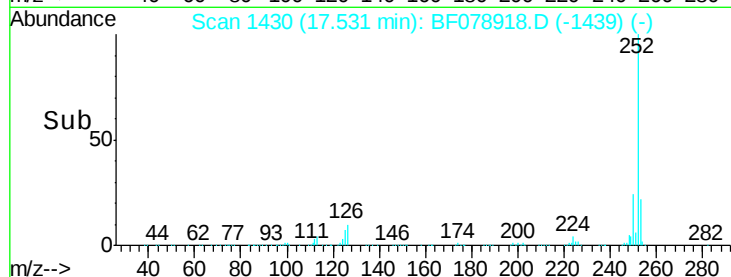
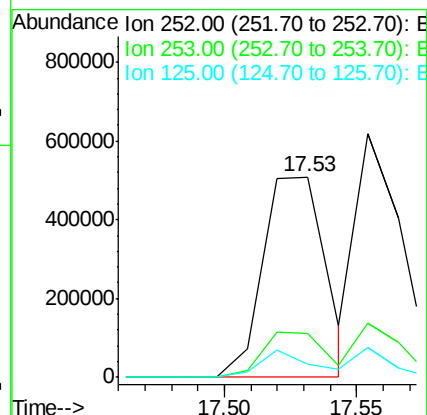
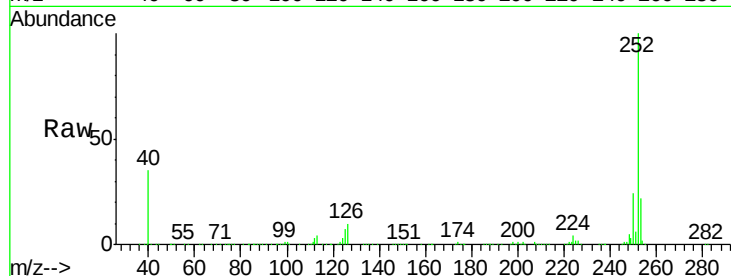
Tot Ion:252 Resp: 837225

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 6.9 9.5 14.3#



#88

Benzo(k)fluoranthene

Concen: 43.88 ng m

RT: 17.55 min Scan# 1432

Delta R.T. -0.22 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

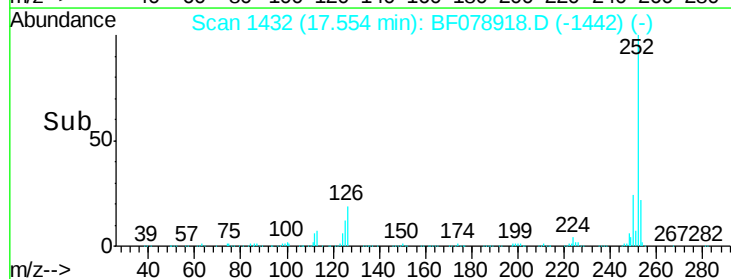
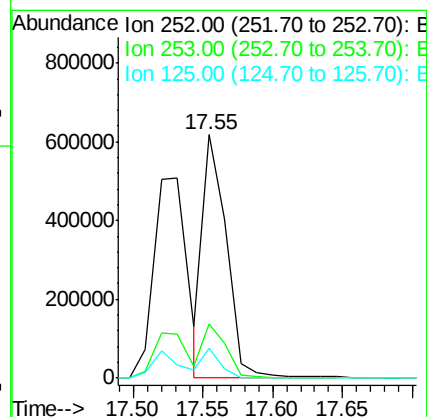
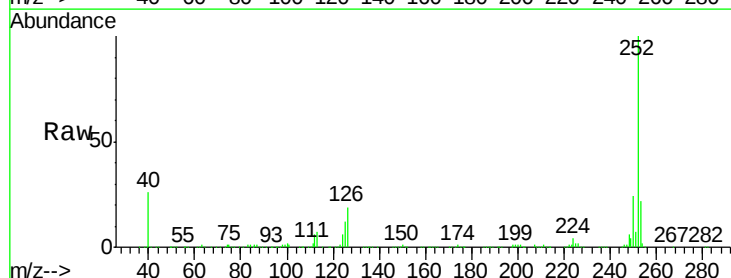
Tgt Ion:252 Resp: 752261

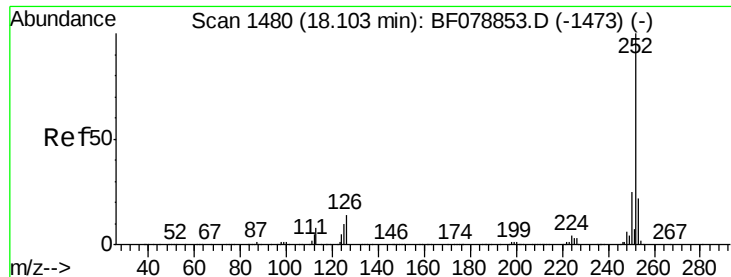
Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 12.4 10.0 15.0

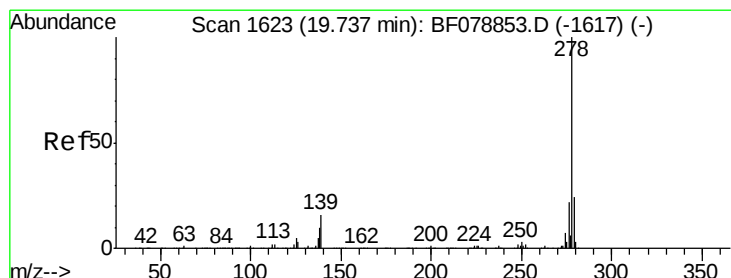
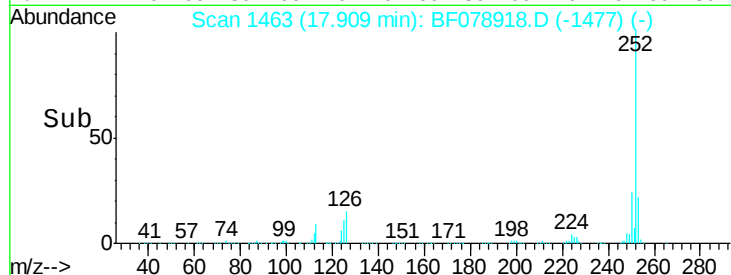
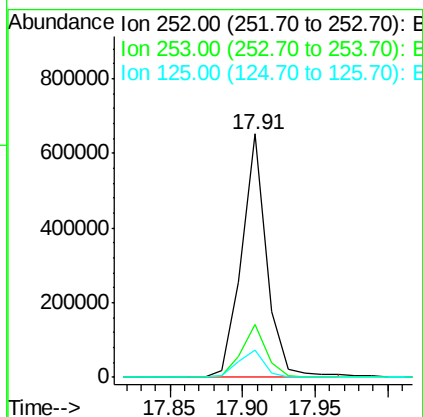
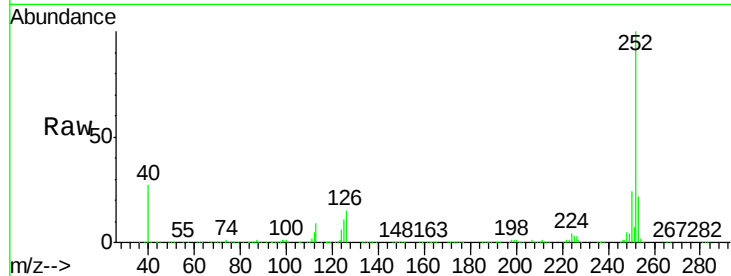




#89
Benzo(a)pyrene
Concen: 48.13 ng
RT: 17.91 min Scan# 1463
Delta R.T. -0.26 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

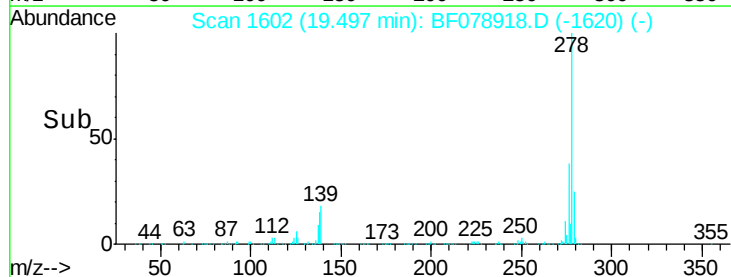
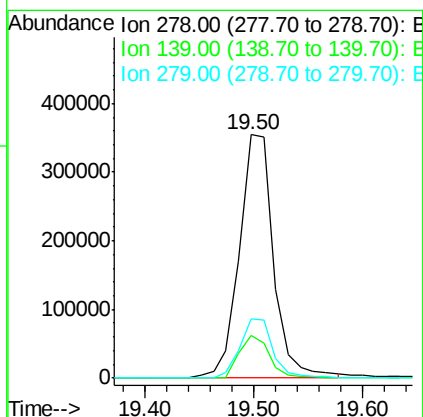
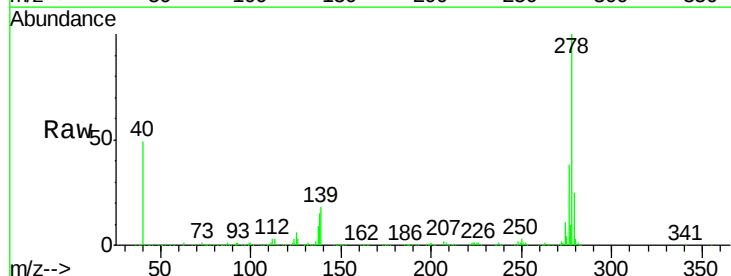
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MS

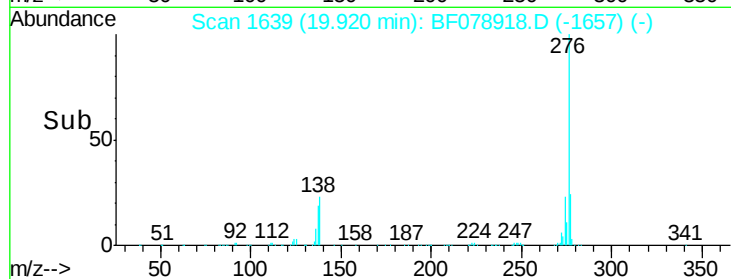
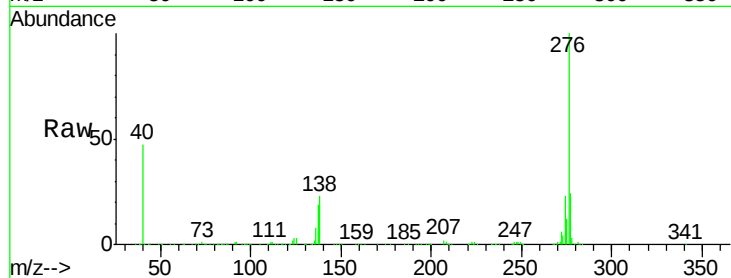
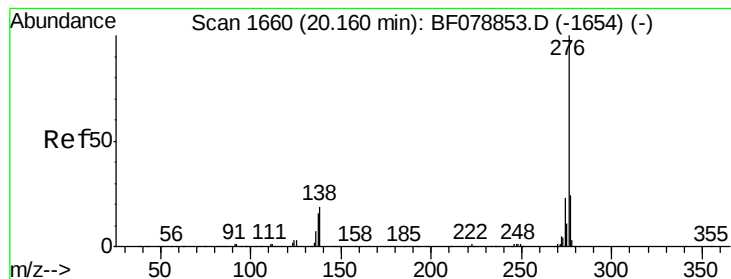
Tot Ion:252 Resp: 784688
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 11.2 7.0 10.6#



#90
Dibenzo(a,h)anthracene
Concen: 44.57 ng
RT: 19.50 min Scan# 1602
Delta R.T. -0.31 min
Lab File: BF078918.D
Acq: 4 May 2015 15:00

Tgt Ion:278 Resp: 772428
Ion Ratio Lower Upper
278 100
139 17.7 12.8 19.2
279 24.6 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 44.57 ng

RT: 19.92 min Scan# 1639

Delta R.T. -0.31 min

Lab File: BF078918.D

Acq: 4 May 2015 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MS

Tot Ion:276 Resp: 774076

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 22.7 17.4 26.0

