

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050415\
 Data File : BF078919.D
 Acq On : 4 May 2015 15:29
 Operator : TP/IZ
 Sample : G2096-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

Quant Time: May 05 01:21:44 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	72550	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	311822	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	153662	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	302624	20.00	ng	0.00
75) Chrysene-d12	16.26	240	305823	20.00	ng	-0.06
86) Perylene-d12	18.07	264	309413	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	516213	122.48	ng	0.01
7) Phenol-d6	6.90	99	654037	117.40	ng	0.00
23) Nitrobenzene-d5	8.04	82	374195	68.97	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	199696	120.13	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	776349	70.39	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	54085	29.51	ng	# 28
3) Pyridine	3.12	79	116113	21.65	ng	98
4) n-Nitrosodimethylamine	3.02	42	68759	29.92	ng	89
6) Aniline	6.95	93	136876	17.41	ng	98
8) 2-Chlorophenol	7.08	128	170552	35.68	ng	99
9) Benzaldehyde	6.81	77	79707	21.24	ng	95
10) Phenol	6.92	94	224109	34.68	ng	91
11) bis(2-Chloroethyl)ether	7.04	93	160007	33.77	ng	98
12) 1,3-Dichlorobenzene	7.28	146	173637	32.32	ng	97
13) 1,4-Dichlorobenzene	7.38	146	178269	32.24	ng	97
14) 1,2-Dichlorobenzene	7.56	146	173927	33.79	ng	98
15) Benzyl Alcohol	7.53	79	146465	35.42	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	246759	34.04	ng	99
17) 2-Methylphenol	7.67	107	135486	35.22	ng	97
18) Hexachloroethane	7.98	117	60876	31.96	ng	# 77
19) n-Nitroso-di-n-propylamine	7.86	70	125964	33.48	ng	96
20) 3+4-Methylphenols	7.86	107	179060	34.93	ng	93
22) Acetophenone	7.86	105	247522	35.14	ng	99
24) Nitrobenzene	8.07	77	174711	32.49	ng	96
25) Isophorone	8.36	82	327276	32.54	ng	99
26) 2-Nitrophenol	8.47	139	71094	31.94	ng	96
27) 2,4-Dimethylphenol	8.51	122	153221	34.40	ng	99
28) bis(2-Chloroethoxy)methane	8.65	93	206090	33.24	ng	99
29) 2,4-Dichlorophenol	8.75	162	142676	36.02	ng	97
30) 1,2,4-Trichlorobenzene	8.87	180	142851	32.83	ng	98
31) Naphthalene	8.96	128	499099	33.59	ng	99
32) Benzoic acid	8.60	122	69766	28.03	ng	98
33) 4-Chloroaniline	9.03	127	113026	17.98	ng	98
34) Hexachlorobutadiene	9.12	225	78021	31.14	ng	98
35) Caprolactam	9.45	113	44578	34.81	ng	97
36) 4-Chloro-3-methylphenol	9.63	107	147566	35.47	ng	# 82
37) 2-Methylnaphthalene	9.82	142	348442	33.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	138344	31.97	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	144670	66.48	ng	98

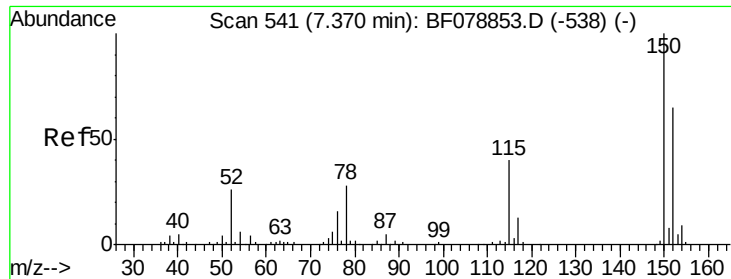
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	98884	33.24	ng	96
43) 2,4,5-Trichlorophenol	10.20	196	102815	34.18	ng	# 92
45) 1,1'-Biphenyl	10.40	154	411852	33.71	ng	100
46) 2-Chloronaphthalene	10.42	162	320053	33.59	ng	98
47) 2-Nitroaniline	10.55	65	94792	34.33	ng	94
48) Acenaphthylene	10.94	152	522968	33.43	ng	99
49) Dimethylphthalate	10.79	163	418789	37.13	ng	100
50) 2,6-Dinitrotoluene	10.86	165	75898	34.10	ng	93
51) Acenaphthene	11.15	154	306646	32.87	ng	98
52) 3-Nitroaniline	11.06	138	68047	24.48	ng	# 98
53) 2,4-Dinitrophenol	11.19	184	48176	61.08	ng	# 88
54) Dibenzofuran	11.37	168	470259	34.90	ng	95
55) 4-Nitrophenol	11.26	139	146386	66.52	ng	# 71
56) 2,4-Dinitrotoluene	11.35	165	101937	34.65	ng	93
57) Fluorene	11.79	166	376745	34.06	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	82648	33.62	ng	# 100
59) Diethylphthalate	11.67	149	380428	34.05	ng	99
60) 4-Chlorophenyl-phenylether	11.80	204	163167	33.25	ng	94
61) 4-Nitroaniline	11.82	138	94225	33.88	ng	94
62) Azobenzene	12.00	77	386729	35.13	ng	94
64) 4,6-Dinitro-2-methylphenol	11.85	198	37065	33.55	ng	98
65) n-Nitrosodiphenylamine	11.94	169	323032	32.05	ng	98
66) 4-Bromophenyl-phenylether	12.41	248	104599	33.16	ng	92
67) Hexachlorobenzene	12.47	284	116280	32.25	ng	# 86
68) Atrazine	12.62	200	105876	36.13	ng	98
69) Pentachlorophenol	12.72	266	122479	59.94	ng	97
70) Phenanthrene	12.98	178	528613	31.22	ng	99
71) Anthracene	13.05	178	543280	32.71	ng	99
72) Carbazole	13.26	167	555278	35.08	ng	98
73) Di-n-butylphthalate	13.70	149	635013	33.45	ng	99
74) Fluoranthene	14.47	202	592286	33.57	ng	94
76) Benzidine	14.64	184	120231	14.59	ng	98
77) Pyrene	14.74	202	597254	33.89	ng	98
79) Butylbenzylphthalate	15.58	149	274385	35.62	ng	# 82
80) Benzo(a)anthracene	16.25	228	561606	33.53	ng	99
81) 3,3'-Dichlorobenzidine	16.23	252	153279	25.69	ng	# 98
82) Chrysene	16.30	228	522579	32.44	ng	100
83) Bis(2-ethylhexyl)phthalate	16.31	149	418124	35.83	ng	98
84) Di-n-octyl phthalate	17.13	149	688453	33.50	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.58	276	641478	31.26	ng	# 100
87) Benzo(b)fluoranthene	17.60	252	611876	36.13	ng	99
88) Benzo(k)fluoranthene	17.60	252	611876	37.32	ng	98
89) Benzo(a)pyrene	18.00	252	524105	33.61	ng	# 96
90) Dibenzo(a,h)anthracene	19.61	278	506006	30.53	ng	98
91) Benzo(g,h,i)perylene	20.02	276	520362	31.33	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

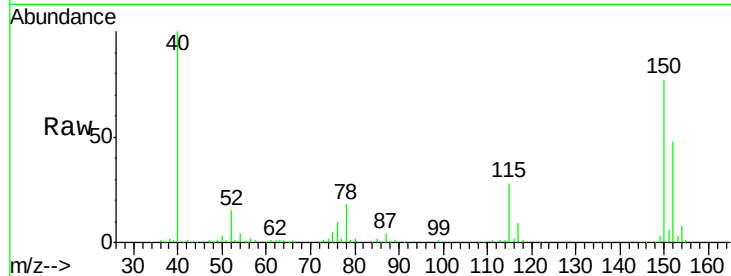
Tgt Ion:152 Resp: 72550

Ion Ratio Lower Upper

152 100

150 160.5 122.0 183.0

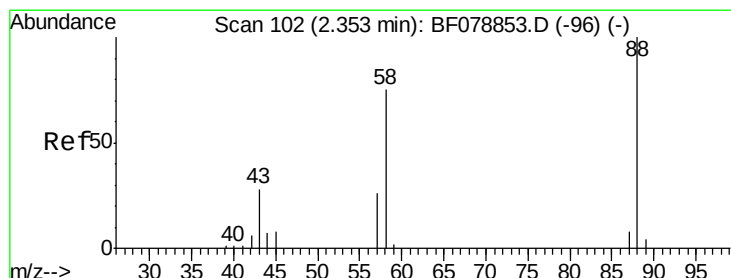
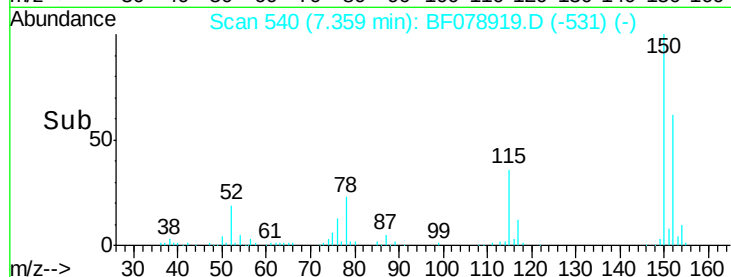
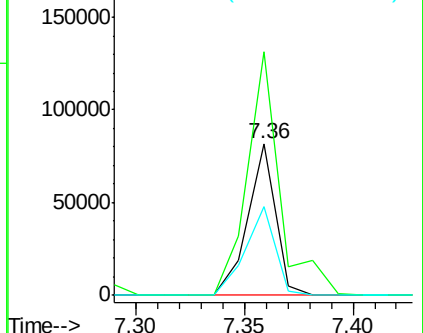
115 58.5 46.3 69.5



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: 29.51 ng

RT: 2.34 min Scan# 101

Delta R.T. 0.02 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

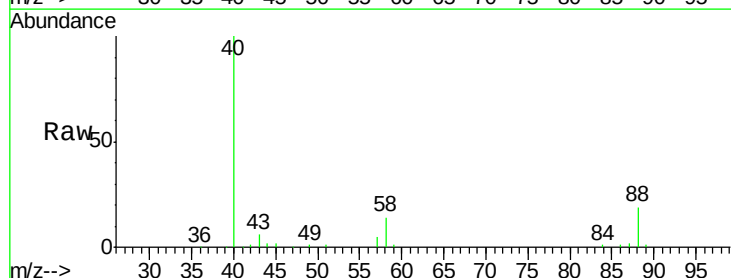
Tgt Ion: 88 Resp: 54085

Ion Ratio Lower Upper

88 100

58 78.2 0.0 0.0#

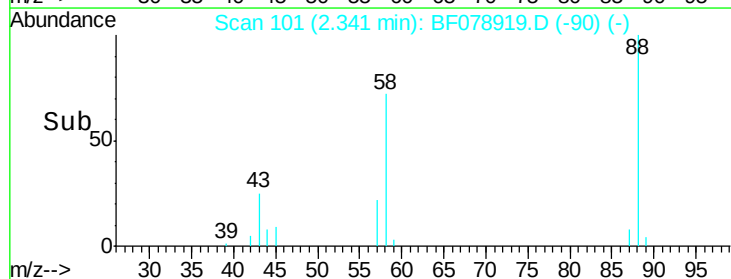
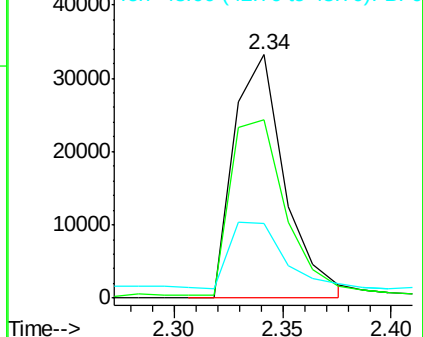
43 27.9 3.3 4.9#

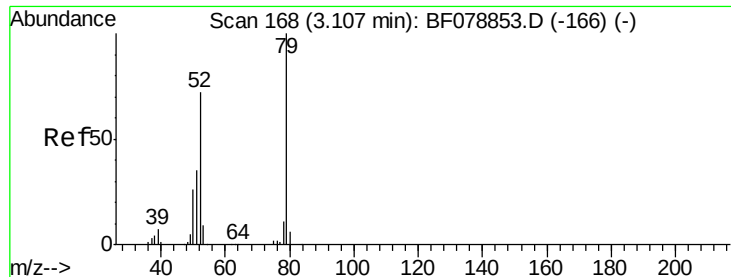


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.65 ng

RT: 3.12 min Scan# 169

Delta R.T. 0.05 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

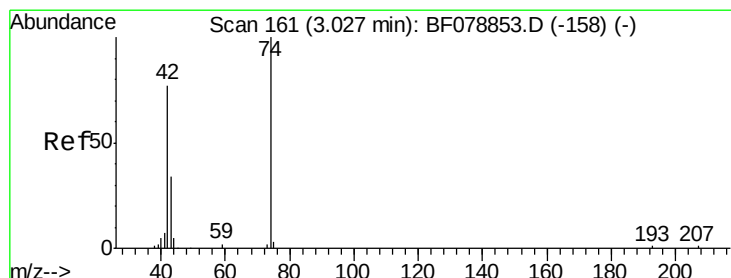
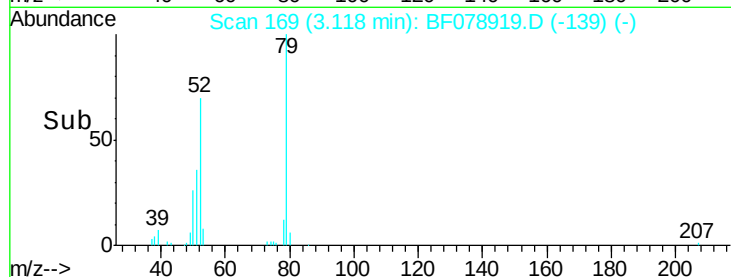
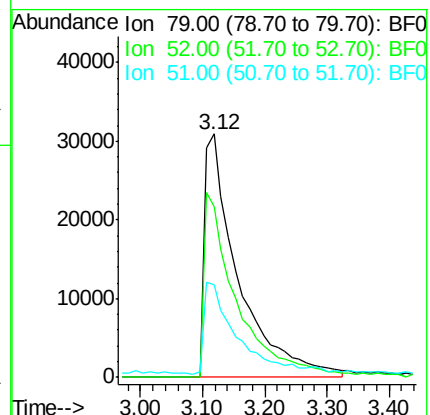
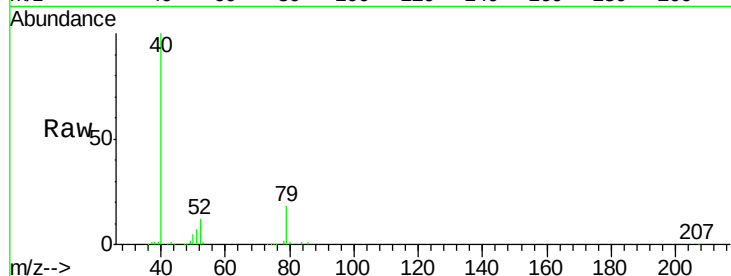
Tgt Ion: 79 Resp: 116113

Ion Ratio Lower Upper

79 100

52 69.9 57.2 85.8

51 38.0 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 29.92 ng

RT: 3.02 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

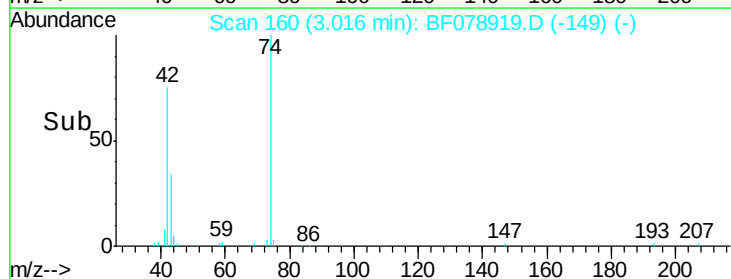
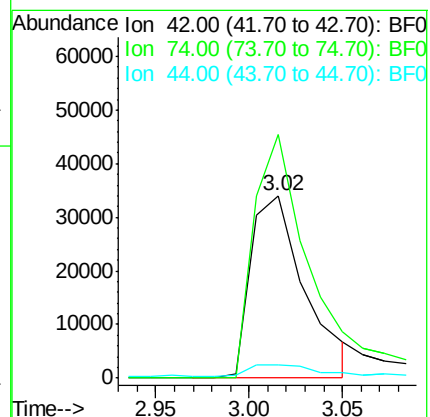
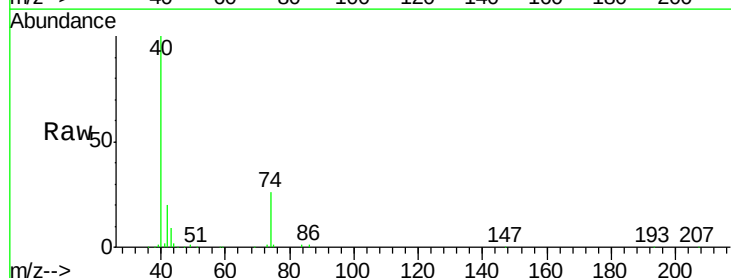
Tgt Ion: 42 Resp: 68759

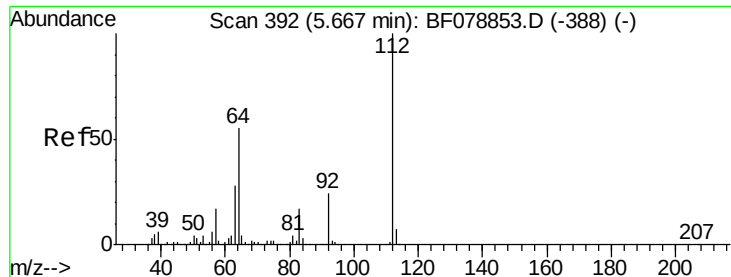
Ion Ratio Lower Upper

42 100

74 133.6 96.5 144.7

44 7.6 6.1 9.1





#5

2-Fluorophenol

Concen: 122.48 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

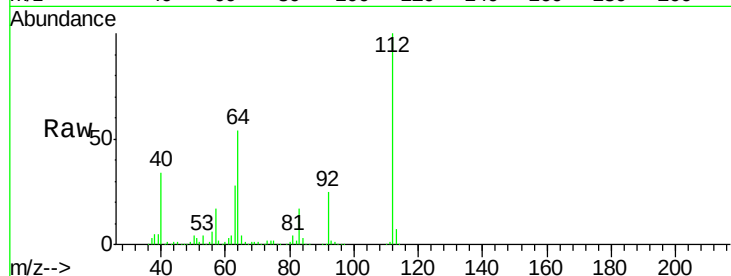
Tgt Ion: 112 Resp: 516213

Ion Ratio Lower Upper

112 100

64 54.5 53.5 80.3

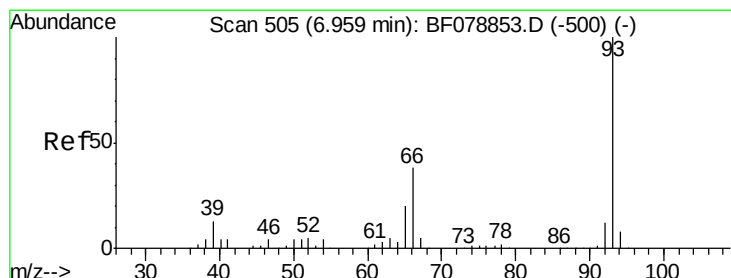
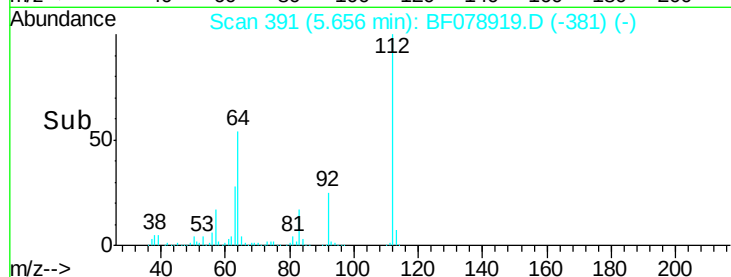
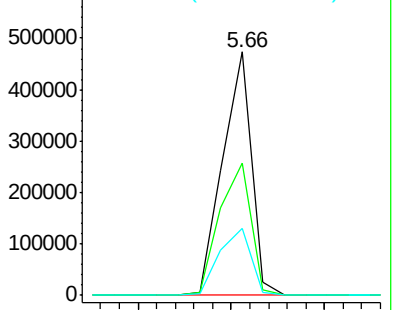
63 27.6 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.41 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

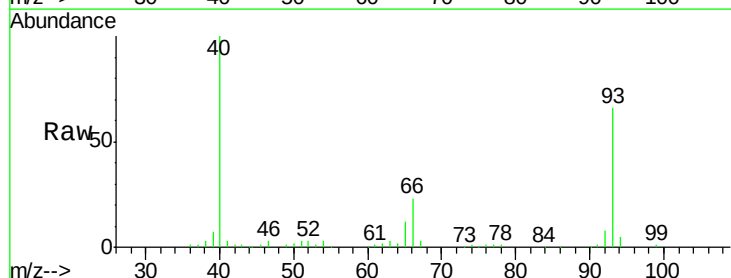
Tgt Ion: 93 Resp: 136876

Ion Ratio Lower Upper

93 100

66 35.3 29.7 44.5

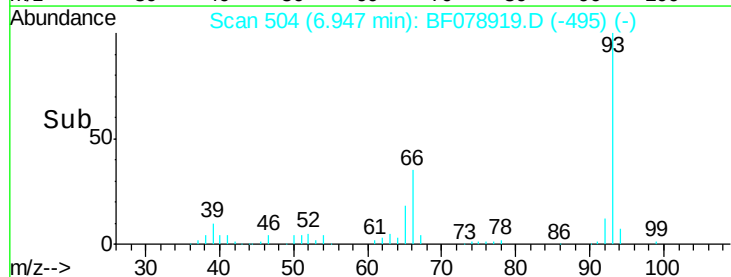
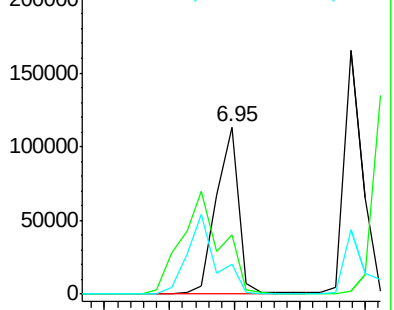
65 17.8 14.6 22.0

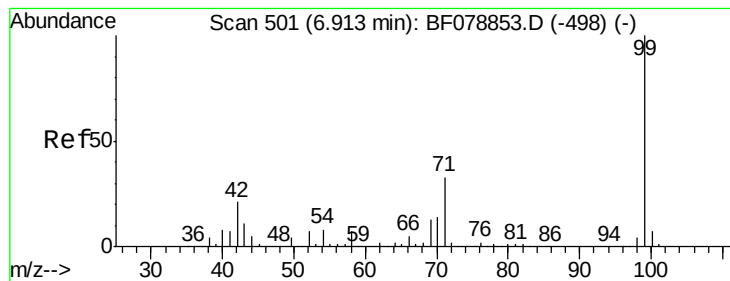


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.40 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

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BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

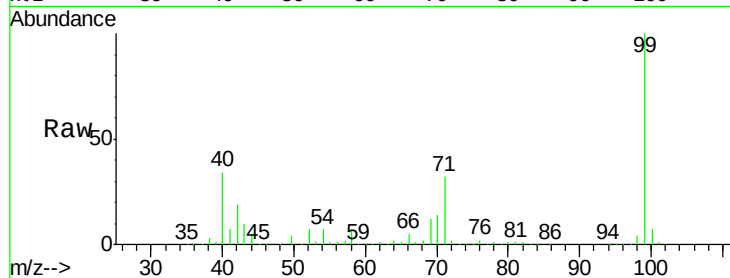
Tgt Ion: 99 Resp: 654037

Ion Ratio Lower Upper

99 100

42 19.4 12.8 19.2#

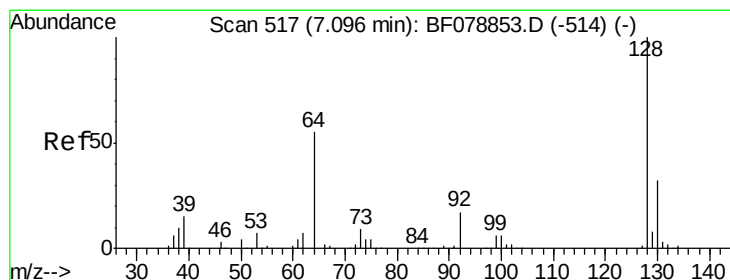
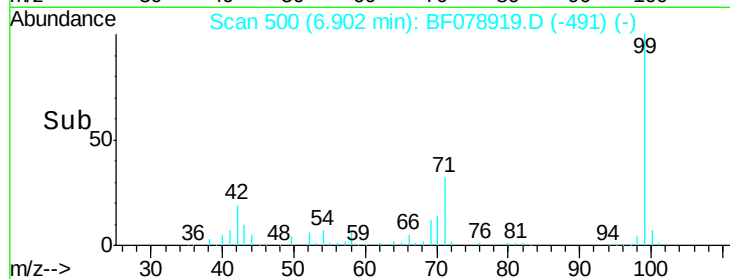
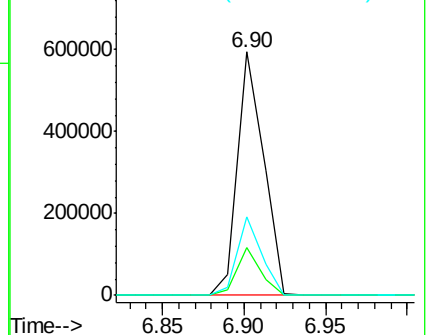
71 32.0 23.4 35.2



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: 35.68 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

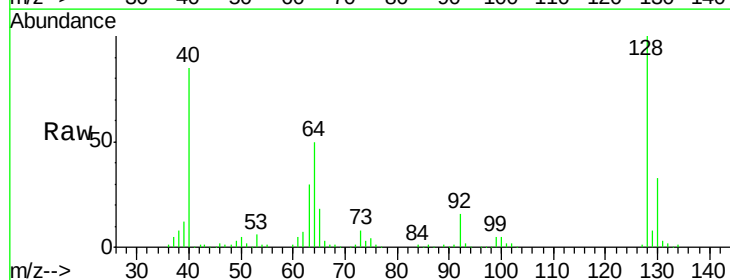
Tgt Ion: 128 Resp: 170552

Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

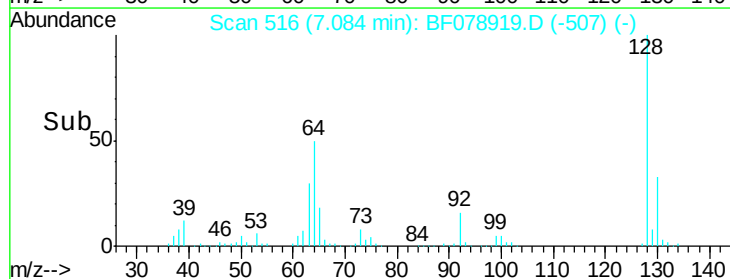
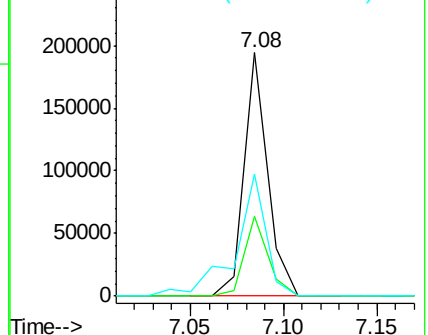
64 49.9 29.6 69.6

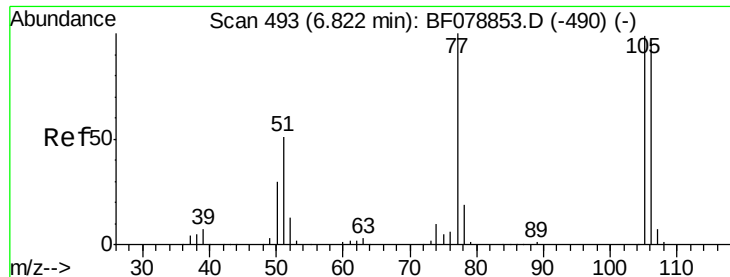


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.24 ng

RT: 6.81 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

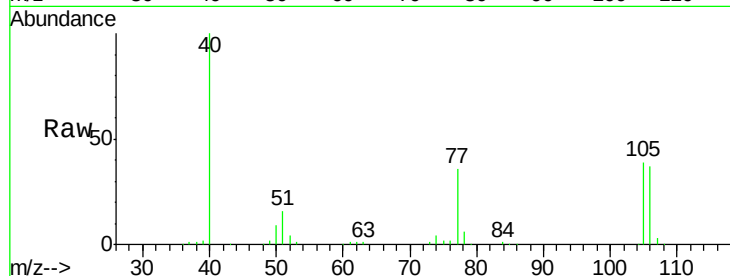
Tgt Ion: 77 Resp: 79707

Ion Ratio Lower Upper

77 100

105 107.9 81.7 121.7

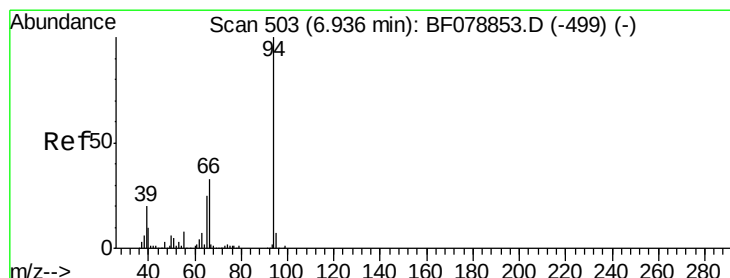
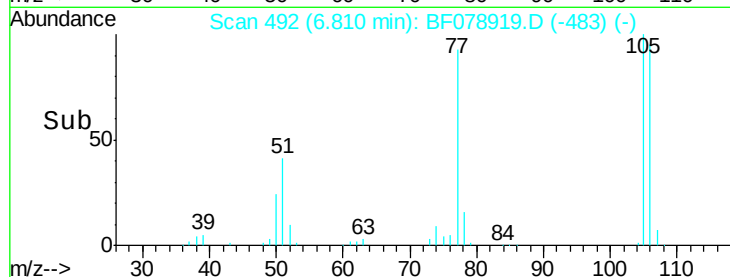
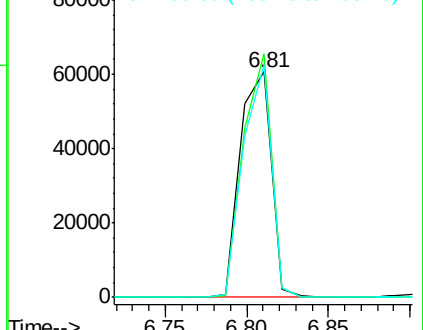
106 102.8 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.68 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

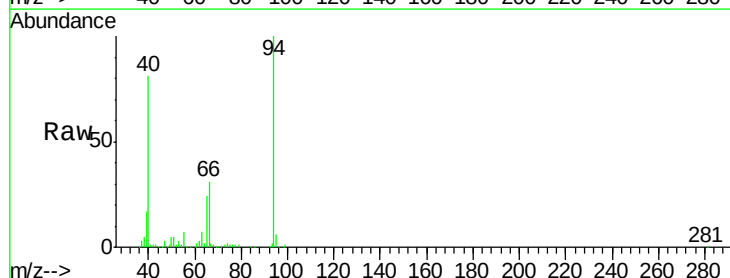
Tgt Ion: 94 Resp: 224109

Ion Ratio Lower Upper

94 100

65 23.9 8.5 48.5

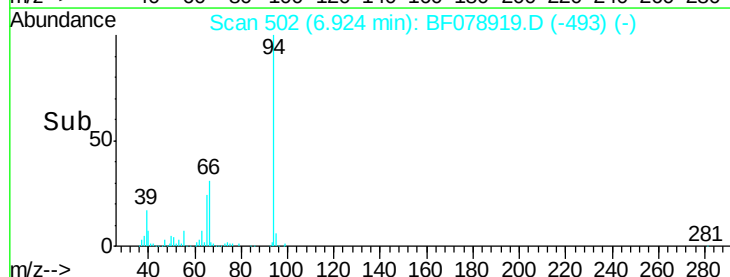
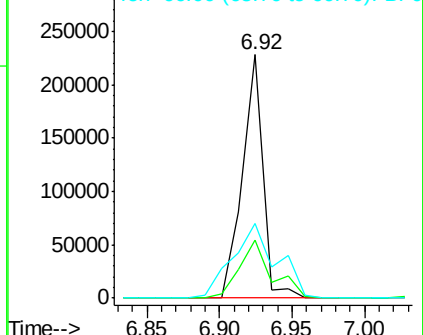
66 30.6 16.0 56.0

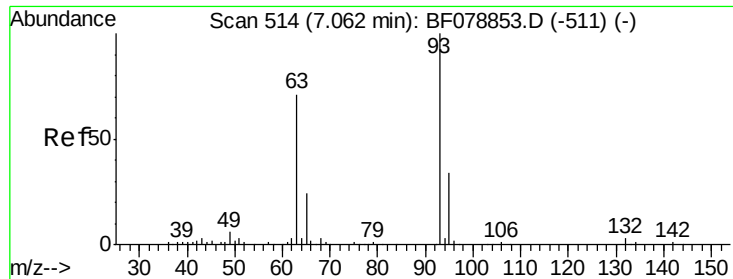


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

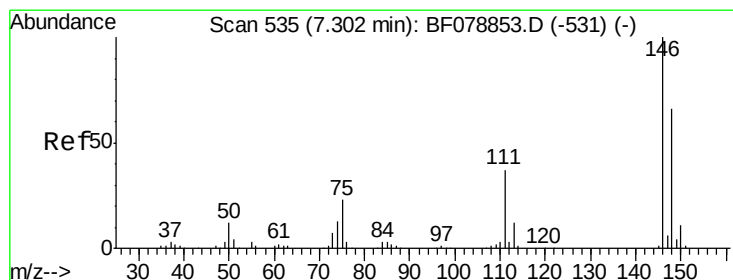
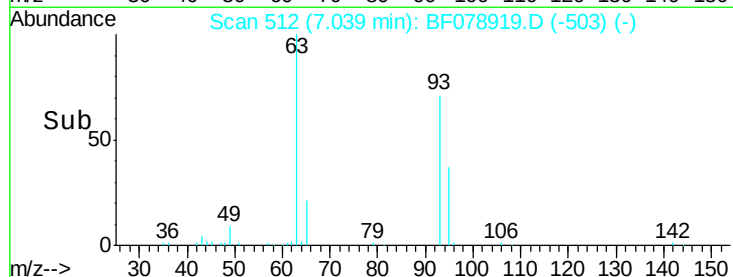
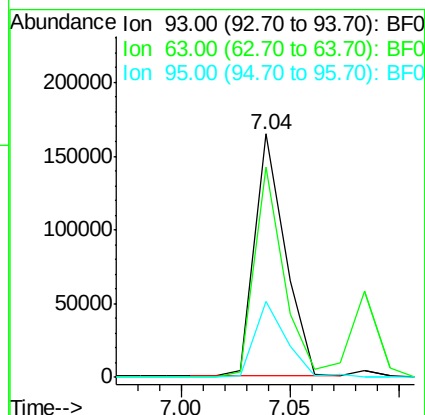
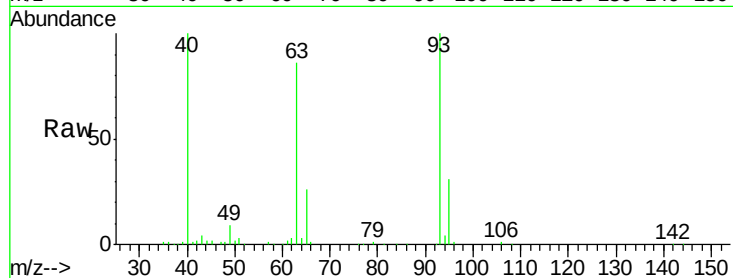




#11
bis(2-Chloroethyl)ether
Concen: 33.77 ng
RT: 7.04 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

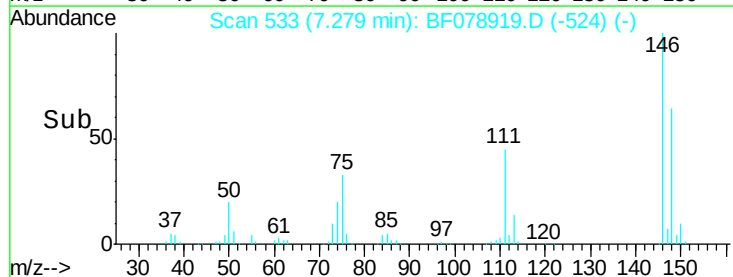
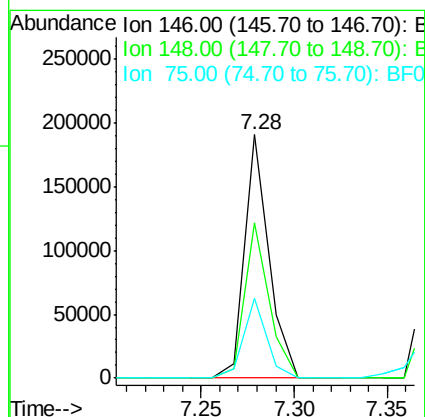
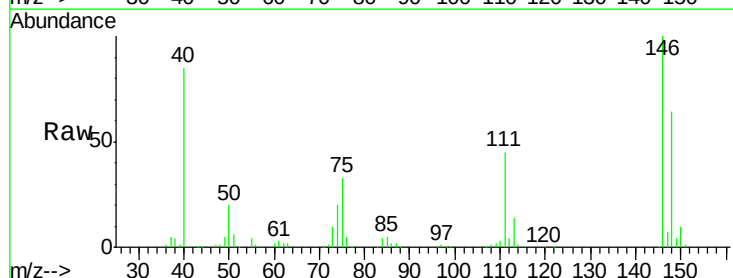
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

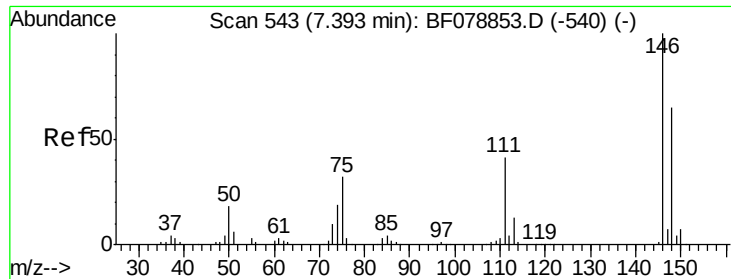
Tgt Ion: 93 Resp: 160007
Ion Ratio Lower Upper
93 100
63 86.2 64.8 104.8
95 31.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 32.32 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion: 146 Resp: 173637
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
75 33.0 29.2 43.8

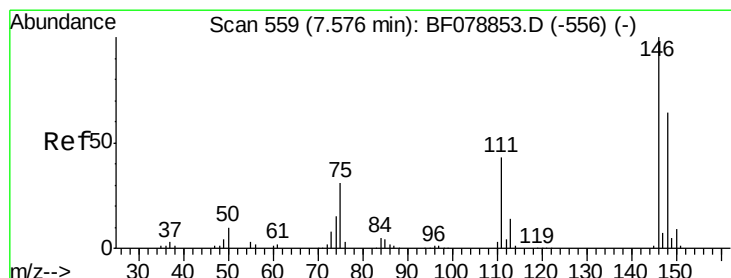
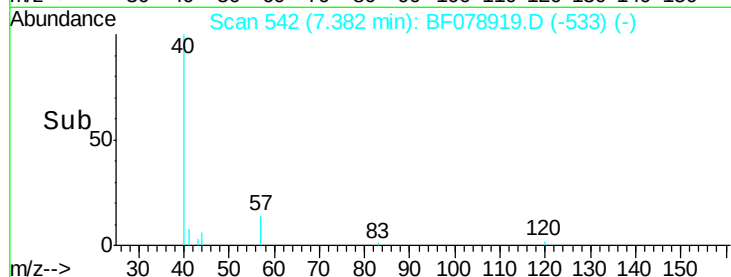
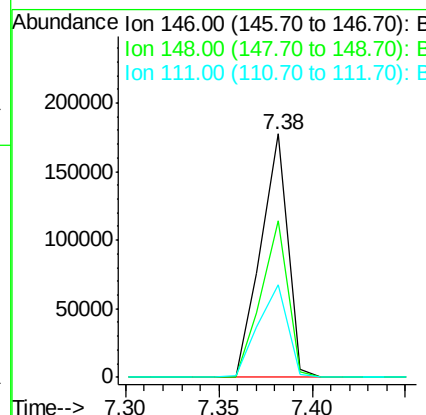
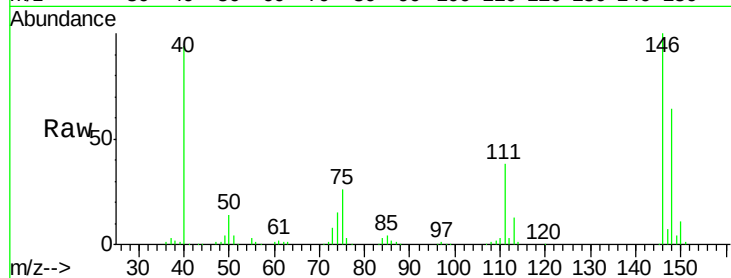




#13
 1,4-Dichlorobenzene
 Concen: 32.24 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

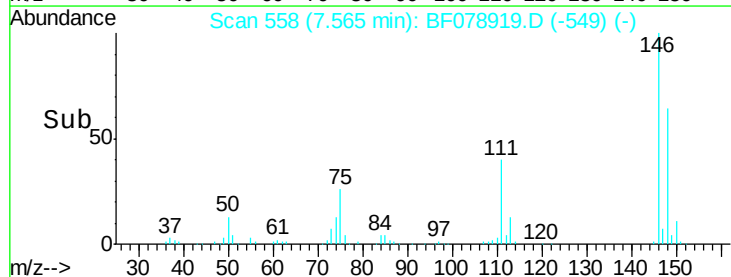
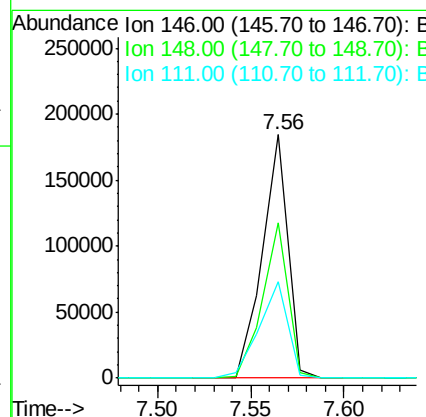
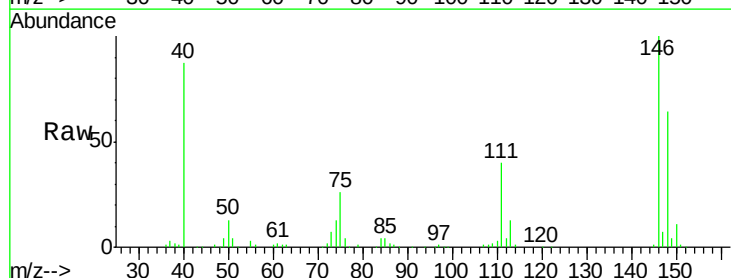
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

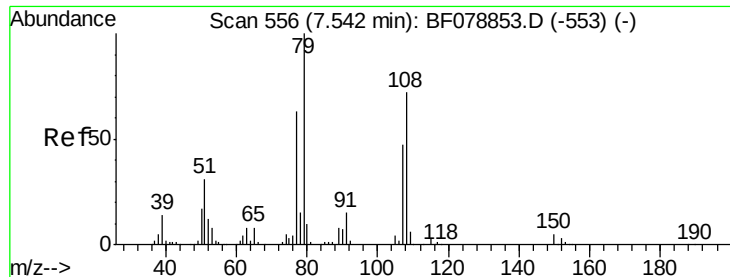
Tgt Ion:146 Resp: 178269
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.8 79.2
 111 37.9 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 33.79 ng
 RT: 7.56 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion:146 Resp: 173927
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.2 76.8
 111 39.5 33.3 49.9





#15

Benzyl Alcohol

Concen: 35.42 ng

RT: 7.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

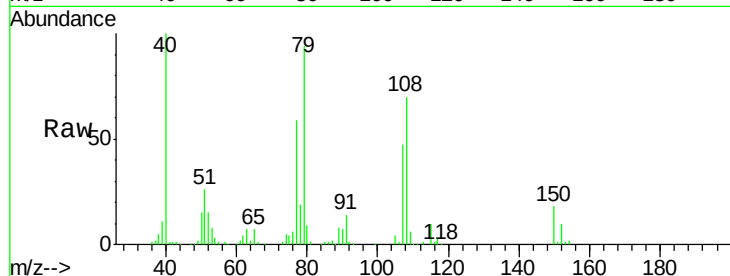
Tgt Ion: 79 Resp: 146465

Ion Ratio Lower Upper

79 100

108 75.1 62.5 93.7

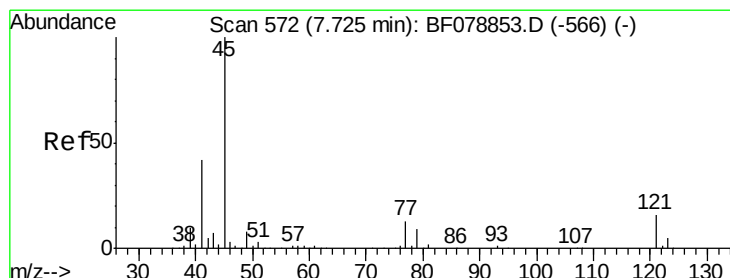
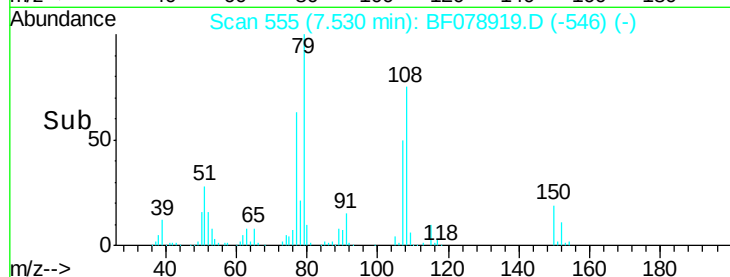
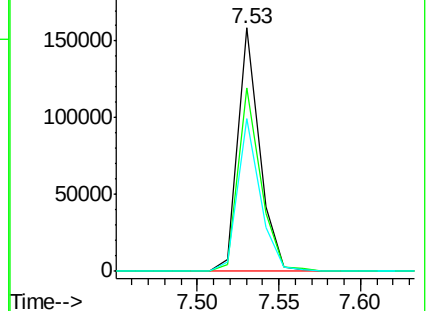
77 62.7 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.04 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

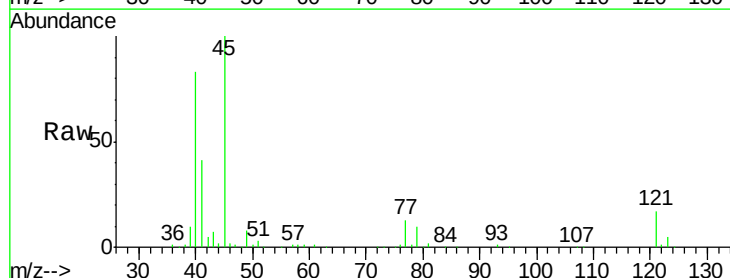
Tgt Ion: 45 Resp: 246759

Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.3

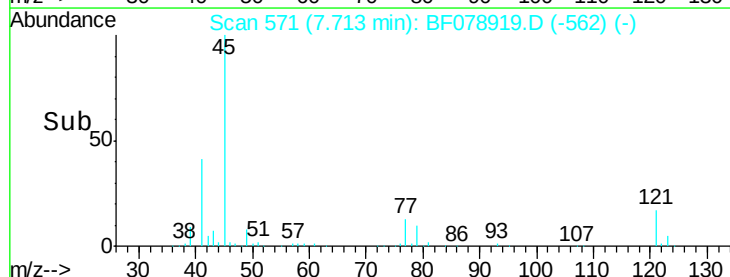
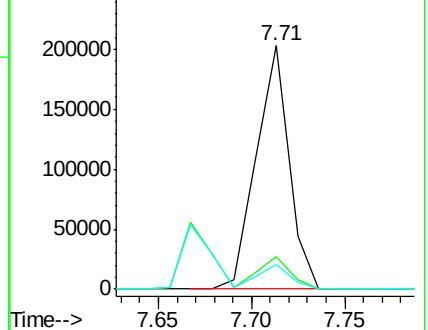
79 9.9 0.0 30.1

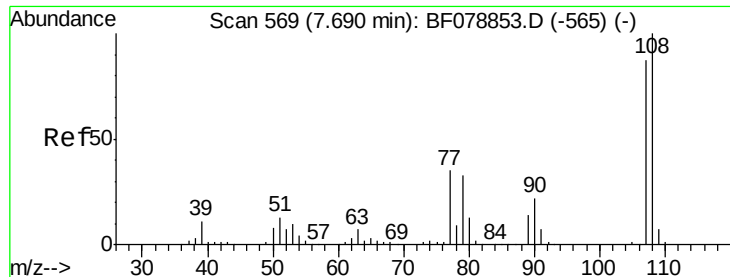


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

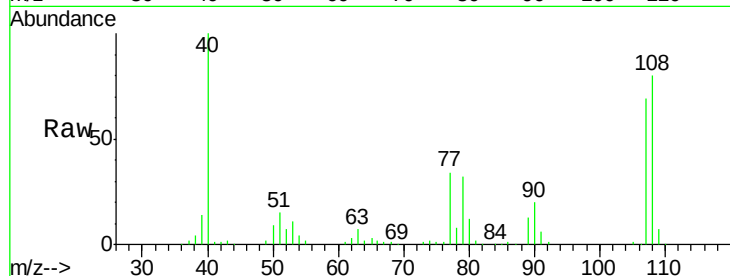




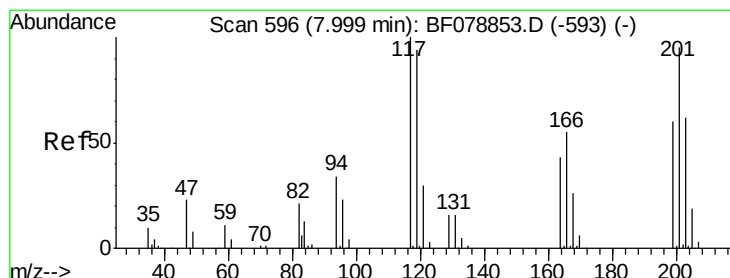
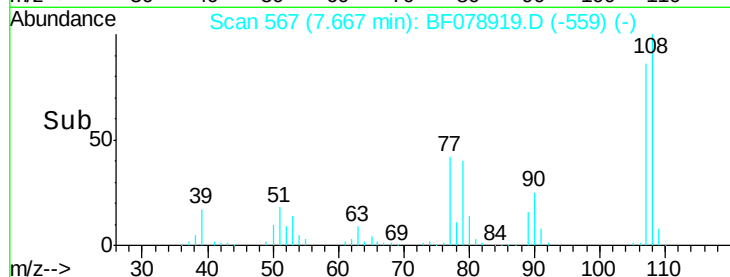
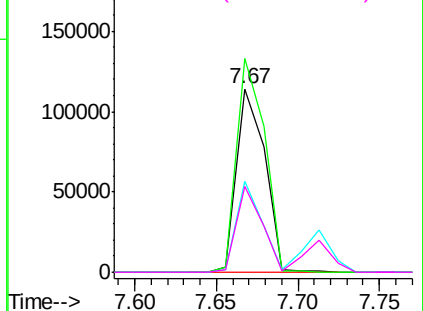
#17
2-Methylphenol
Concen: 35.22 ng
RT: 7.67 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tgt Ion:107 Resp: 135486
Ion Ratio Lower Upper
107 100
108 116.4 94.9 142.3
77 49.2 36.2 54.4
79 46.8 35.2 52.8

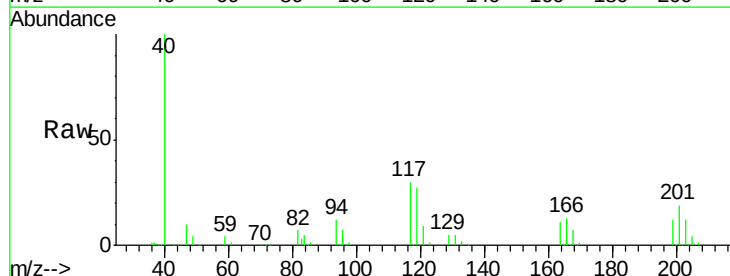


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

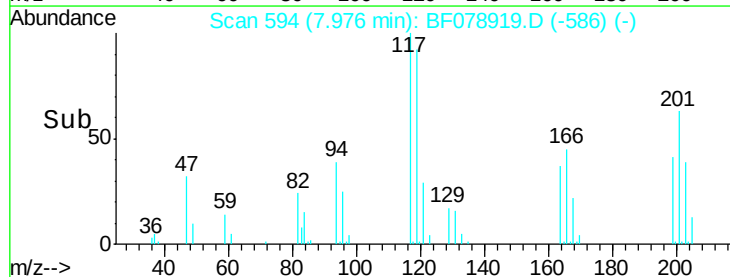
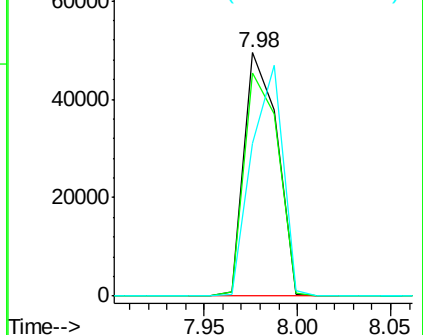


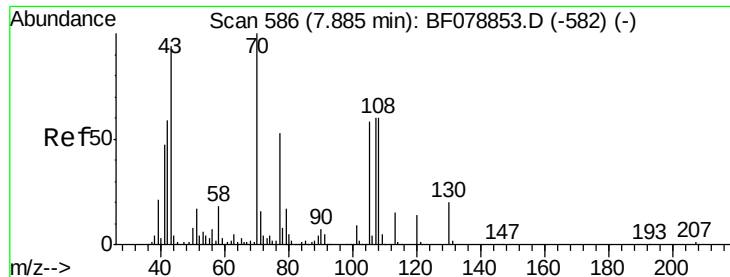
#18
Hexachloroethane
Concen: 31.96 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion:117 Resp: 60876
Ion Ratio Lower Upper
117 100
119 91.6 75.4 113.0
201 62.6 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

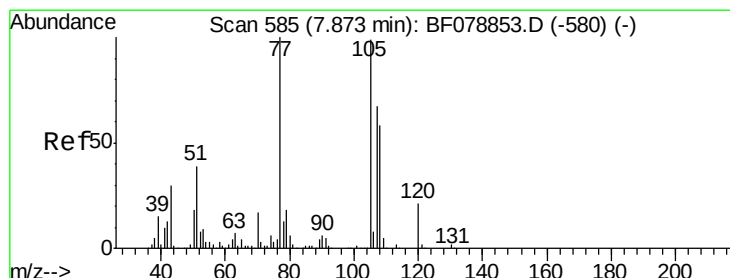
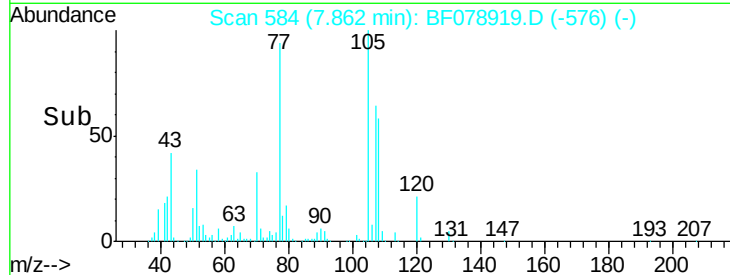
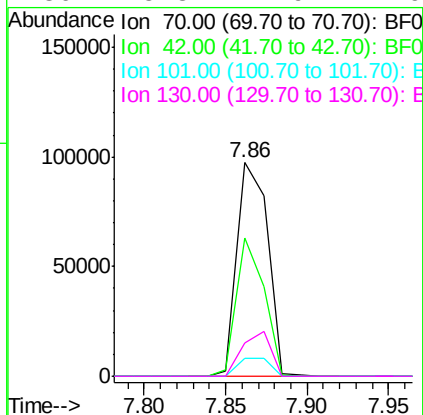
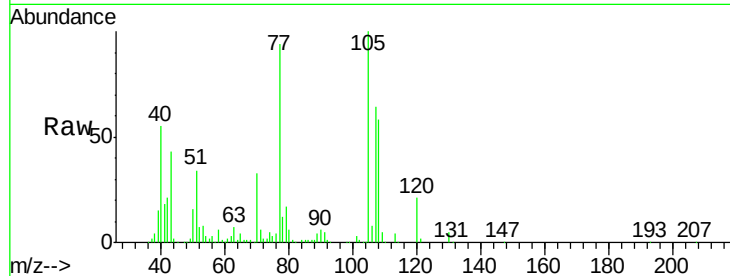




#19
n-Nitroso-di-n-propylamine
Concen: 33.48 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

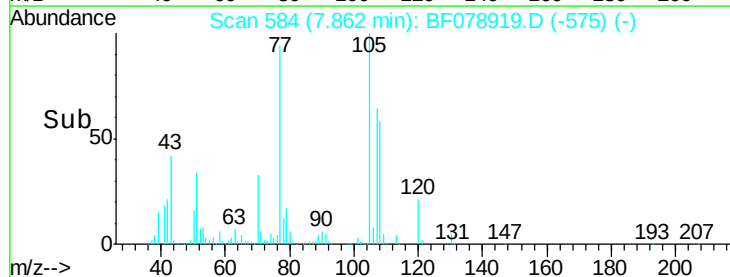
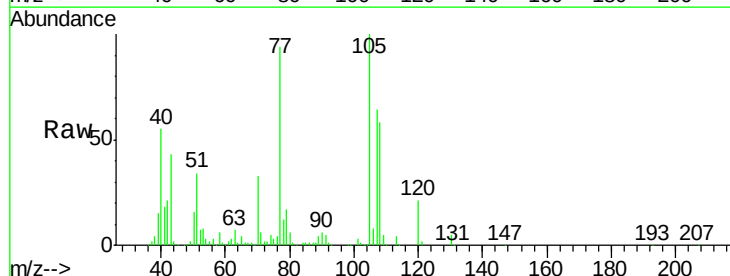
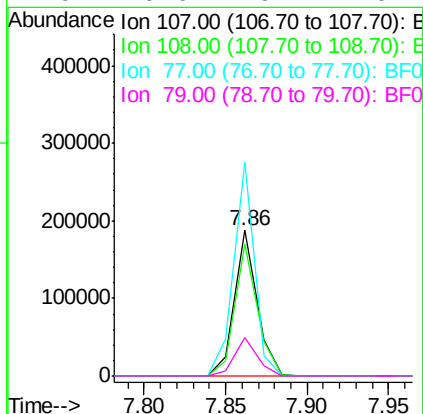
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

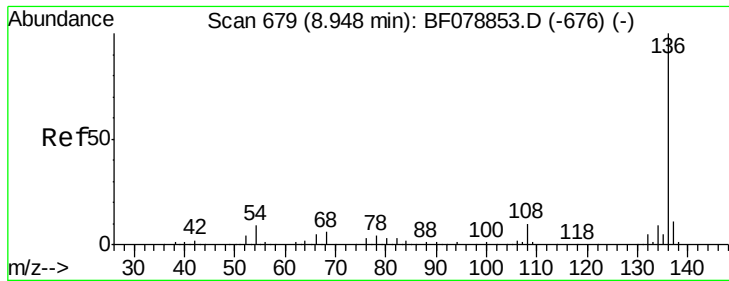
Tgt Ion: 70 Resp: 125964
Ion Ratio Lower Upper
70 100
42 64.6 55.4 83.0
101 8.5 6.6 10.0
130 15.3 11.9 17.9



#20
3+4-Methylphenols
Concen: 34.93 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion: 107 Resp: 179060
Ion Ratio Lower Upper
107 100
108 90.9 76.9 116.9
77 146.7 136.8 176.8
79 26.6 9.7 49.7

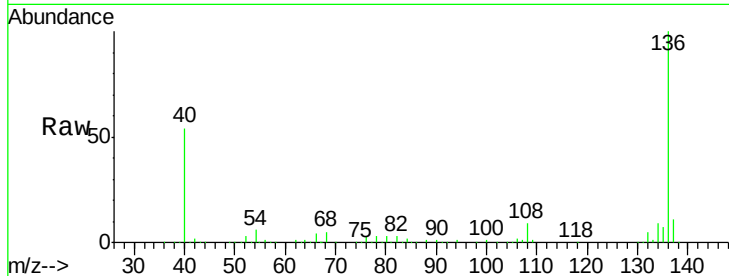




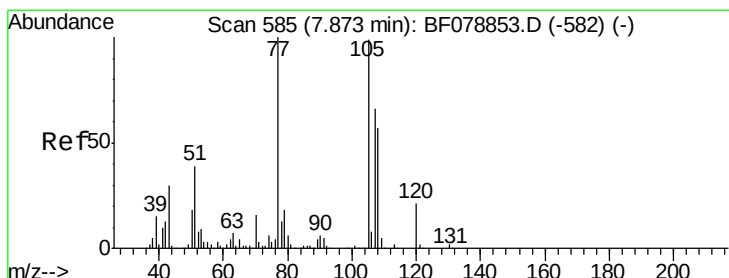
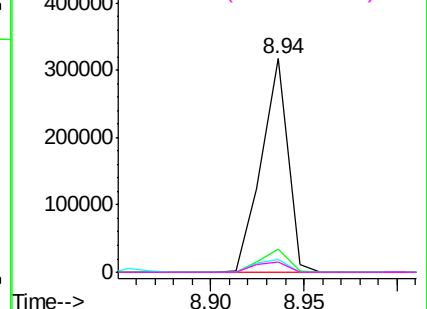
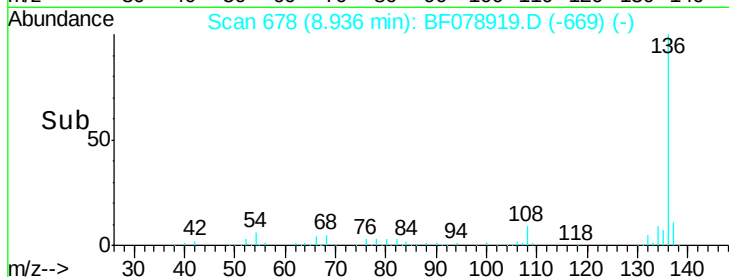
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tgt Ion:	136	Resp:	311822
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.0	5.8	8.8
68	4.7	4.2	6.4

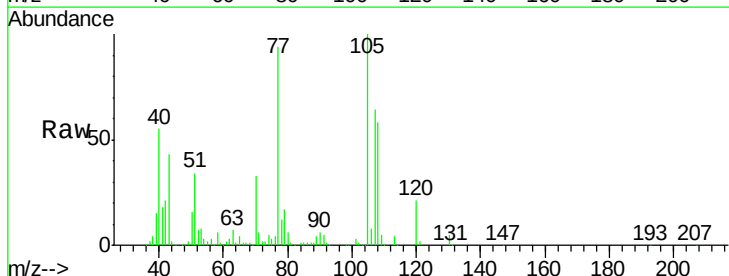


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

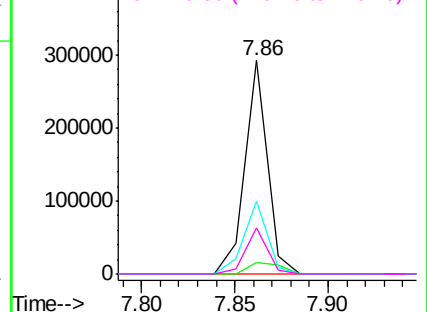
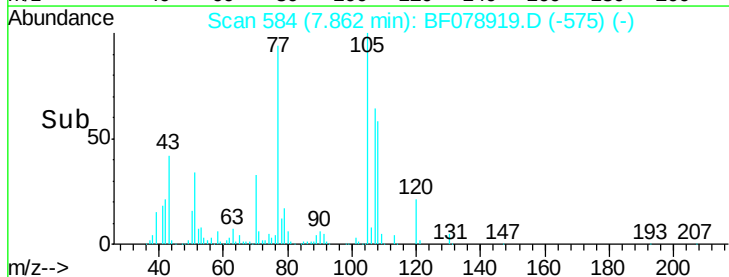


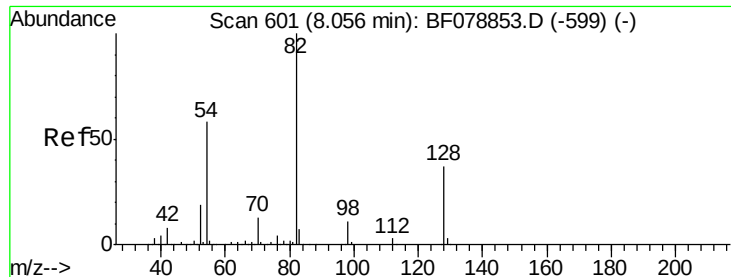
#22
Acetophenone
Concen: 35.14 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion:	105	Resp:	247522
Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.6	6.8
51	34.2	26.7	40.1
120	21.4	17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

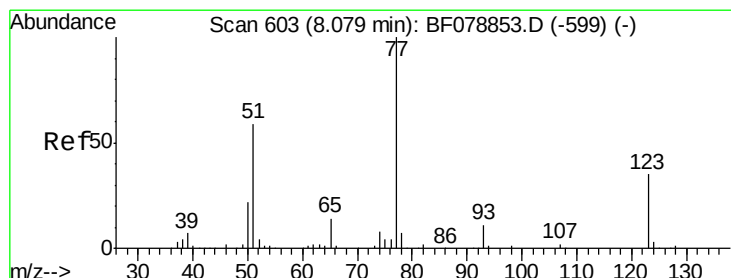
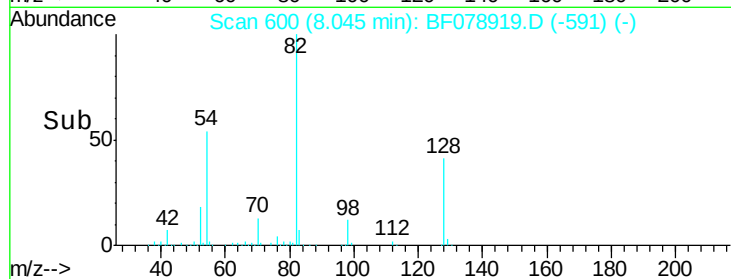
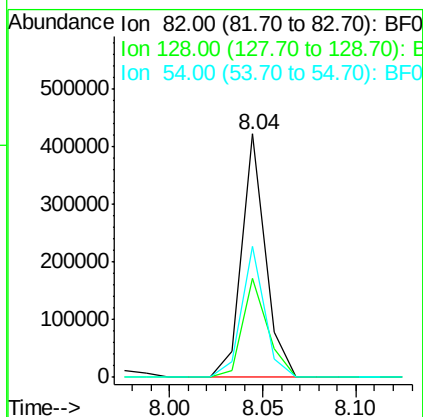
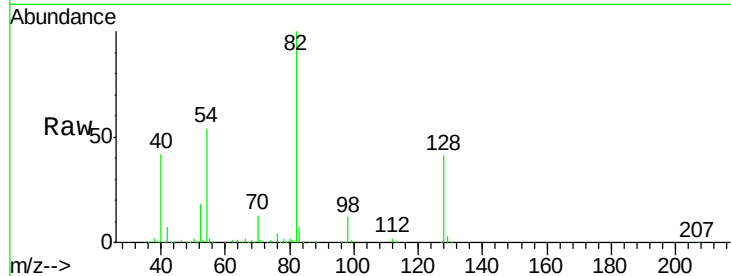




#23
 Nitrobenzene-d5
 Concen: 68.97 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

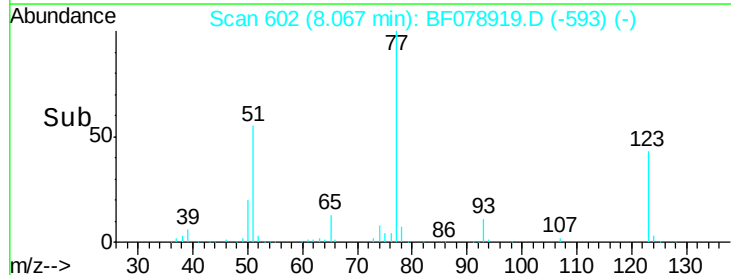
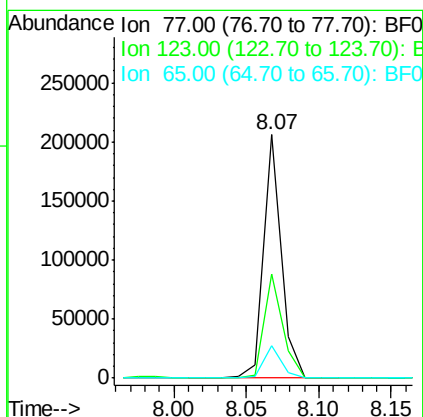
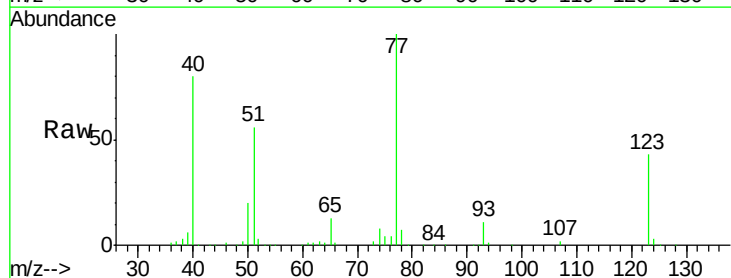
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

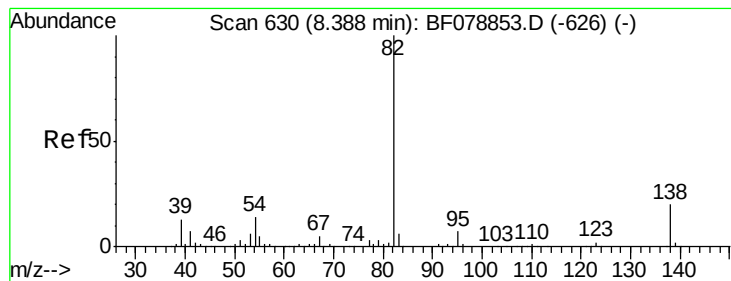
Tgt Ion: 82 Resp: 374195
 Ion Ratio Lower Upper
 82 100
 128 40.9 30.0 45.0
 54 53.7 46.4 69.6



#24
 Nitrobenzene
 Concen: 32.49 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion: 77 Resp: 174711
 Ion Ratio Lower Upper
 77 100
 123 43.0 31.8 47.8
 65 13.3 10.6 15.8





#25

Isophorone

Concen: 32.54 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

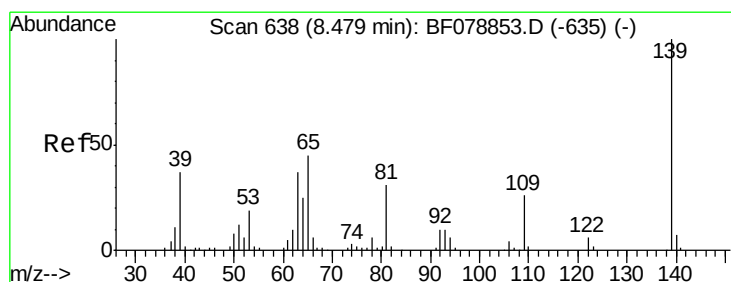
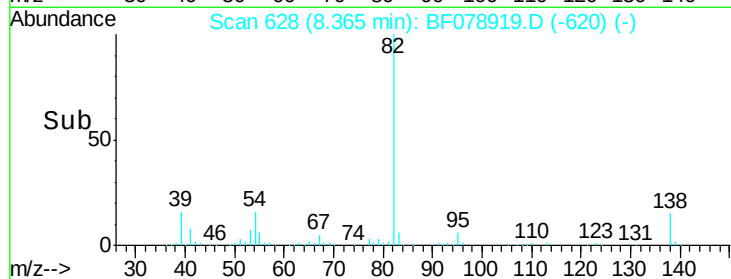
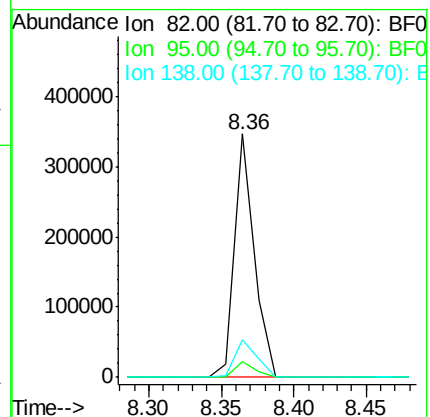
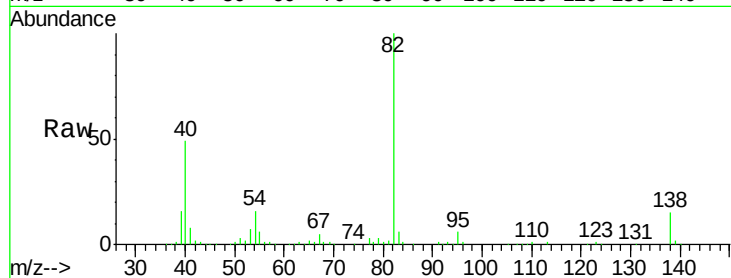
Tgt Ion: 82 Resp: 327276

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 15.3 12.0 18.0



#26

2-Nitrophenol

Concen: 31.94 ng

RT: 8.47 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

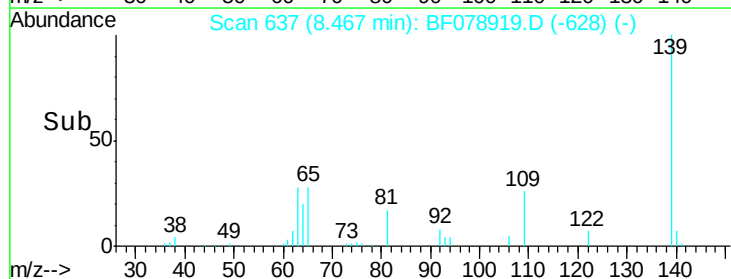
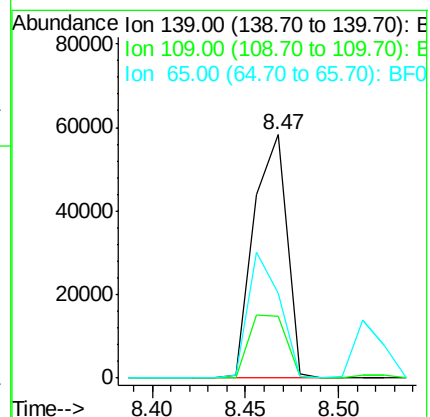
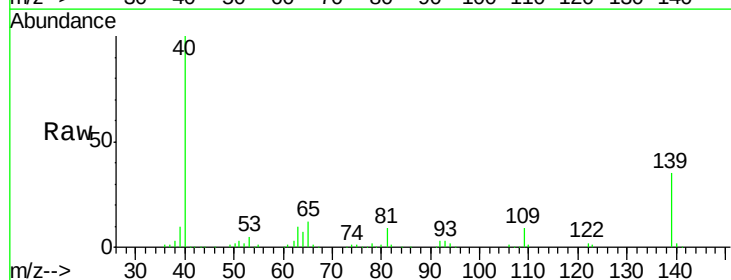
Tgt Ion: 139 Resp: 71094

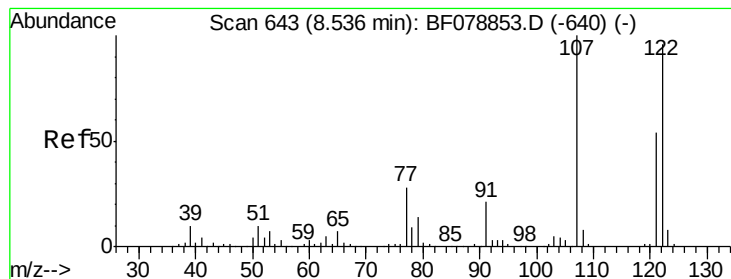
Ion Ratio Lower Upper

139 100

109 25.4 21.0 31.4

65 34.8 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 34.40 ng

RT: 8.51 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

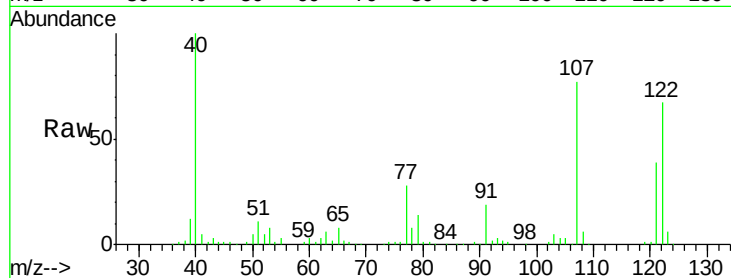
Tgt Ion:122 Resp: 153221

Ion Ratio Lower Upper

122 100

107 114.3 90.6 135.8

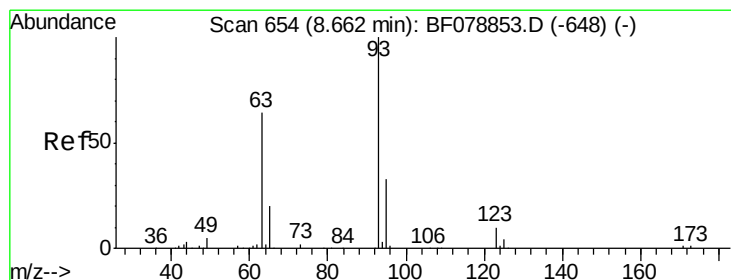
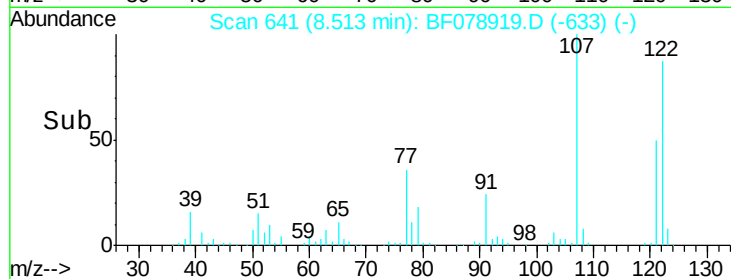
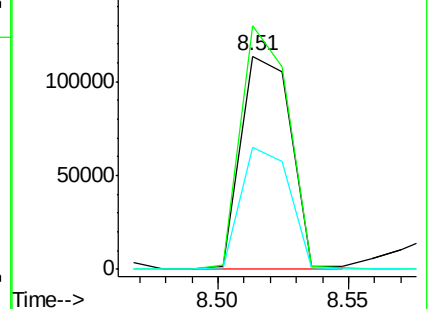
121 57.6 45.4 68.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.24 ng

RT: 8.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

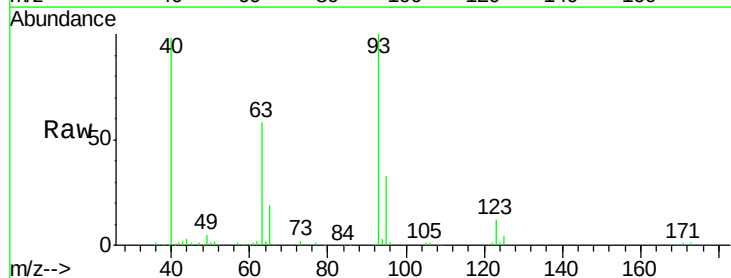
Tgt Ion: 93 Resp: 206090

Ion Ratio Lower Upper

93 100

95 32.9 26.7 40.1

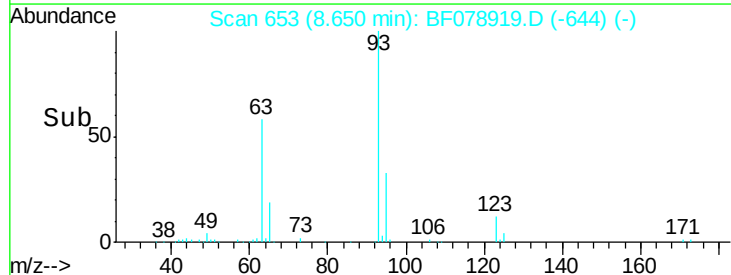
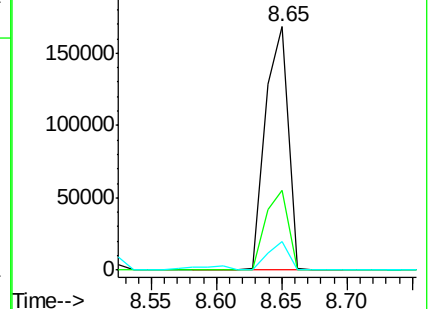
123 11.8 9.1 13.7

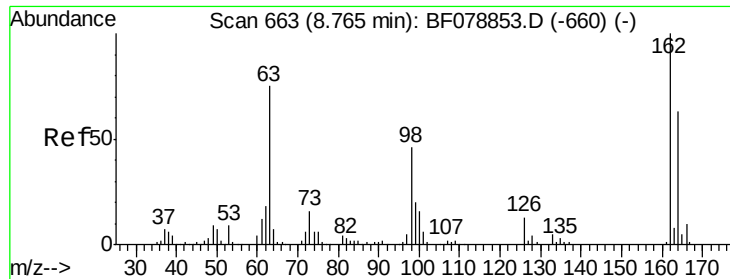


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

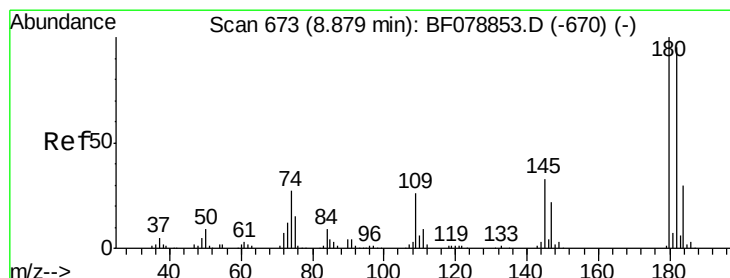
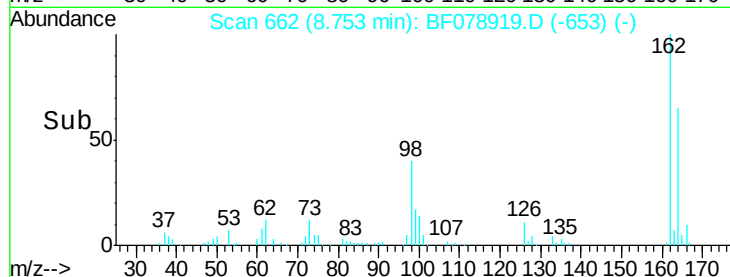
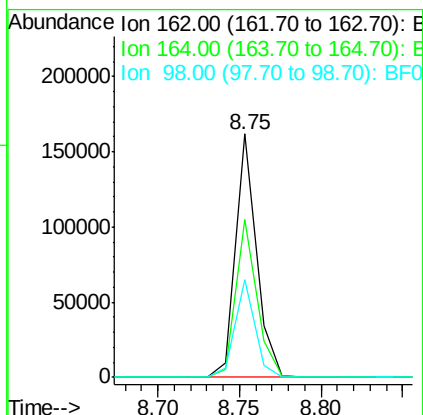
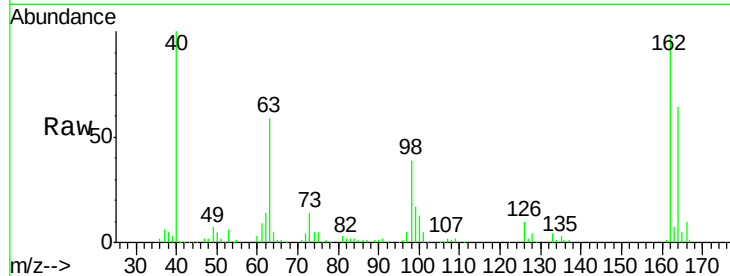




#29
 2,4-Dichlorophenol
 Concen: 36.02 ng
 RT: 8.75 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

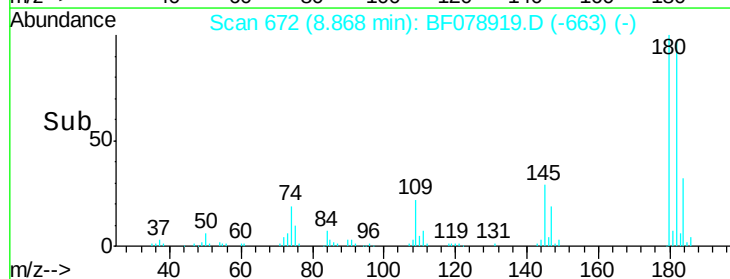
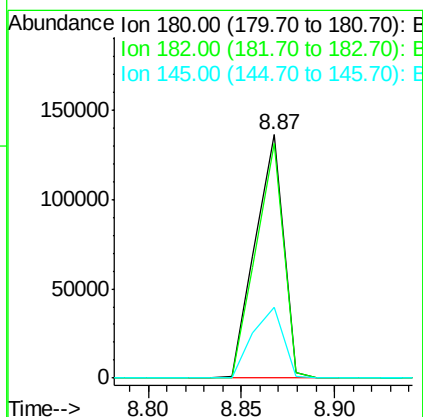
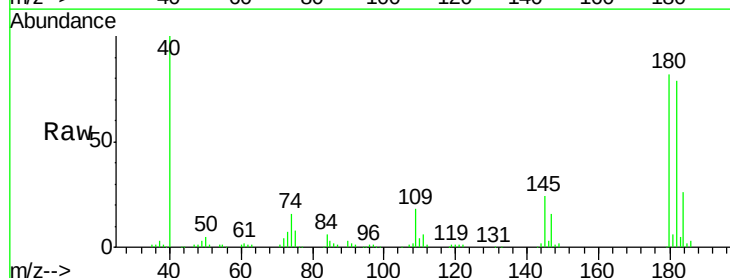
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

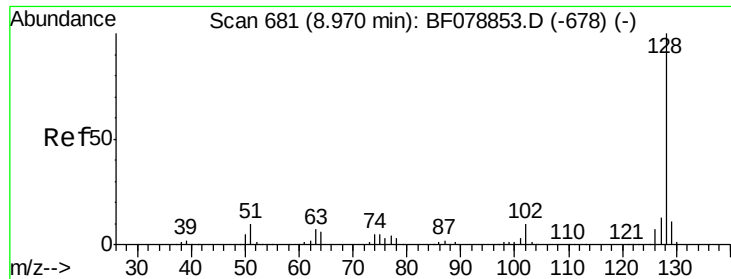
Tgt Ion:162 Resp: 142676
 Ion Ratio Lower Upper
 162 100
 164 65.1 43.6 83.6
 98 40.1 16.5 56.5



#30
 1,2,4-Trichlorobenzene
 Concen: 32.83 ng
 RT: 8.87 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion:180 Resp: 142851
 Ion Ratio Lower Upper
 180 100
 182 96.6 78.9 118.3
 145 29.0 24.2 36.4

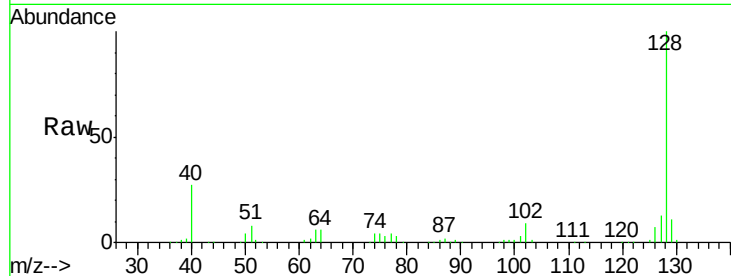




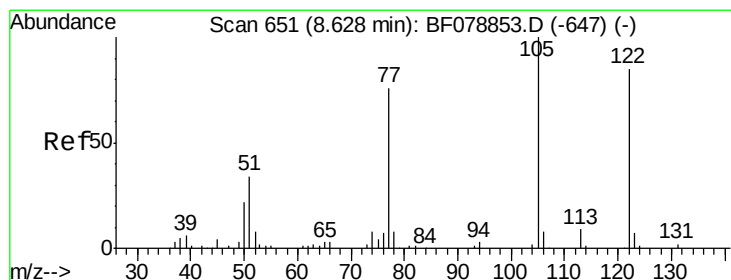
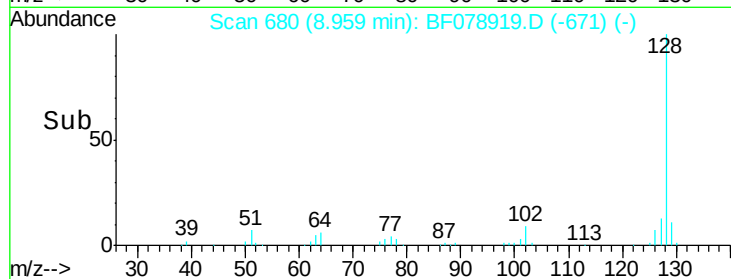
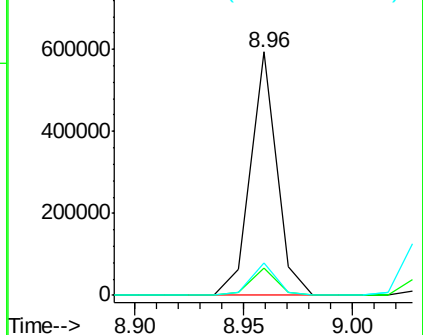
#31
Naphthalene
Concen: 33.59 ng
RT: 8.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tgt Ion:128 Resp: 499099
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.1 10.7 16.1

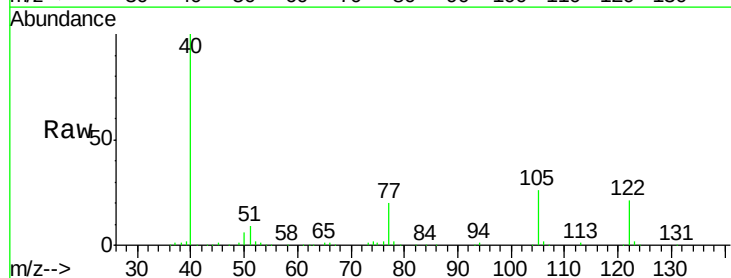


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

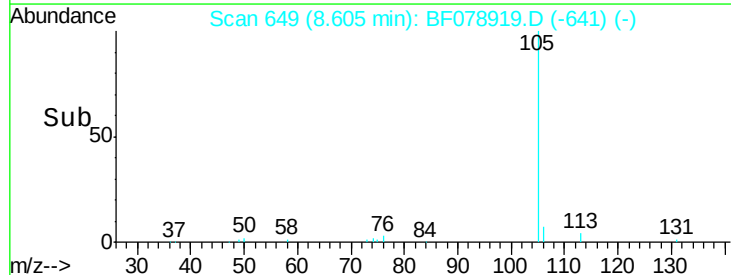
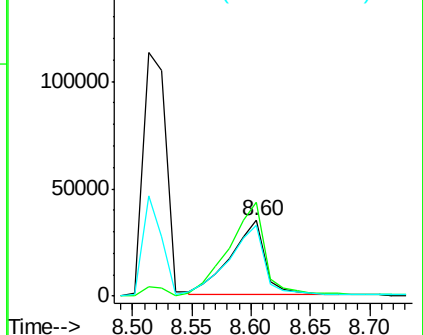


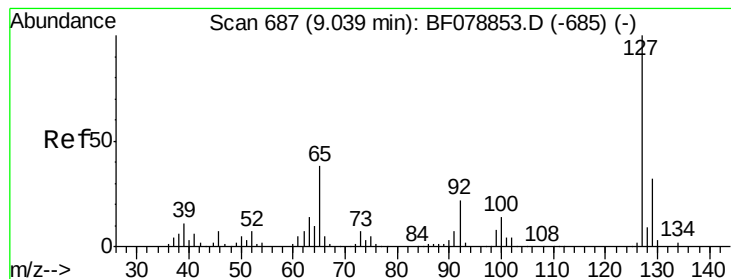
#32
Benzoic acid
Concen: 28.03 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion:122 Resp: 69766
Ion Ratio Lower Upper
122 100
105 124.2 107.1 147.1
77 93.4 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: 17.98 ng

RT: 9.03 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tgt Ion:127 Resp: 113026

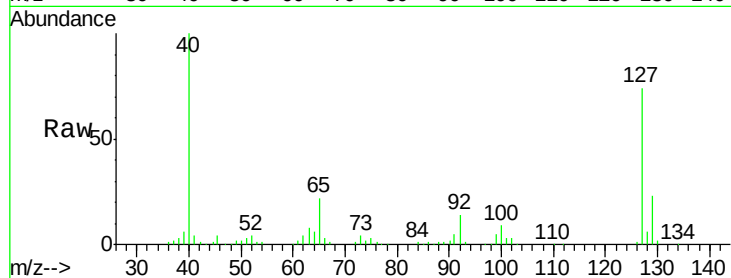
Ion Ratio Lower Upper

127 100

129 31.6 25.8 38.8

65 30.2 25.8 38.6

92 18.4 15.5 23.3

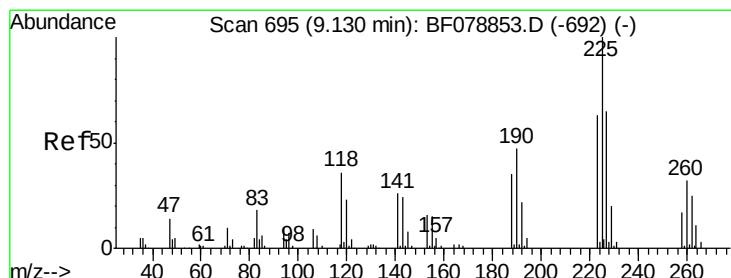
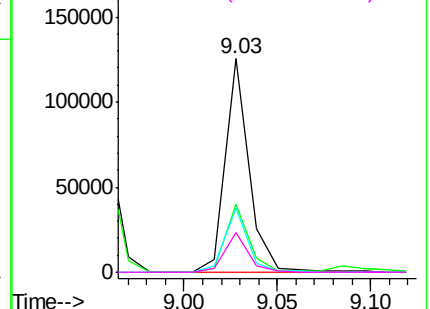
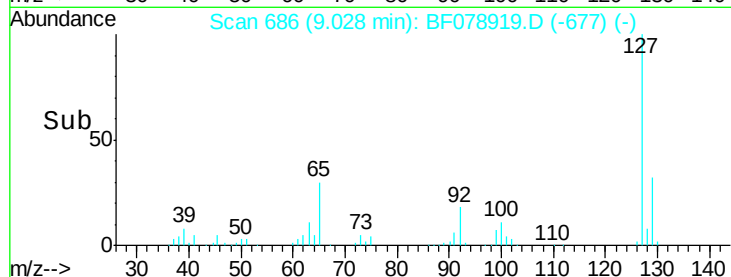


Abundance Ion 127.00 (126.70 to 127.70): E

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: 31.14 ng

RT: 9.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

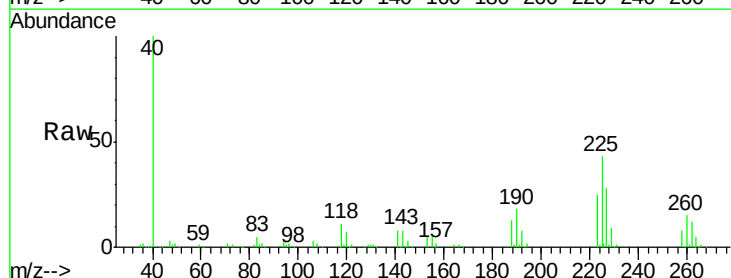
Tgt Ion:225 Resp: 78021

Ion Ratio Lower Upper

225 100

223 58.5 48.2 72.4

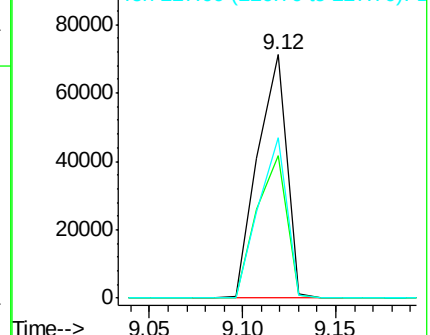
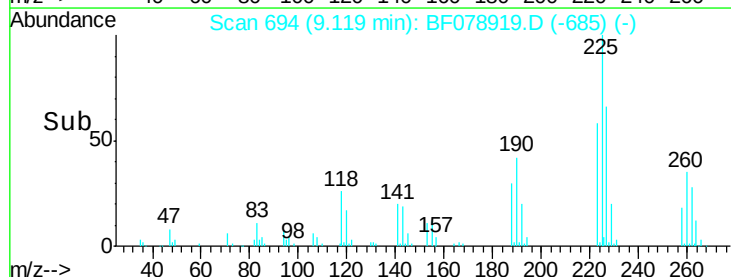
227 65.8 51.4 77.0

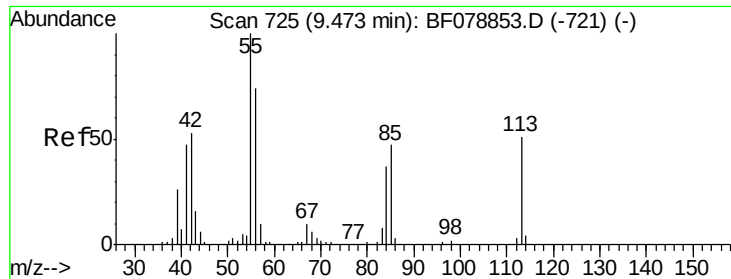


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

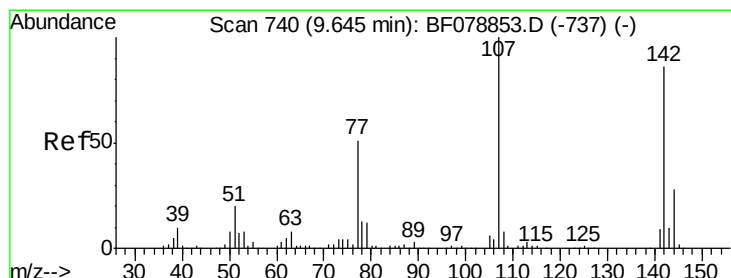
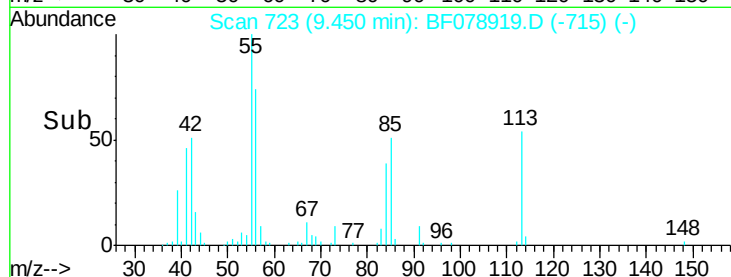
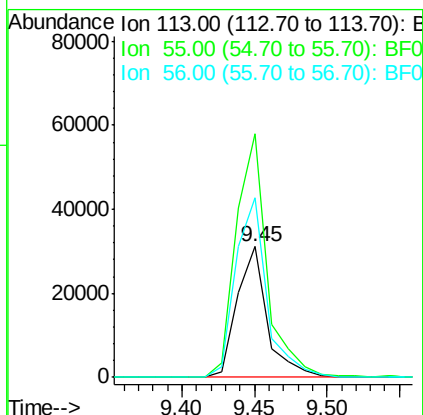
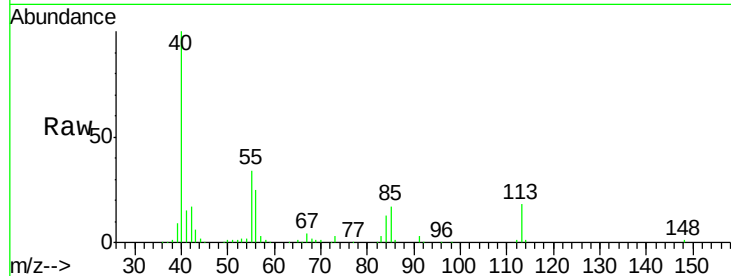




#35
 Caprolactam
 Concen: 34.81 ng
 RT: 9.45 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

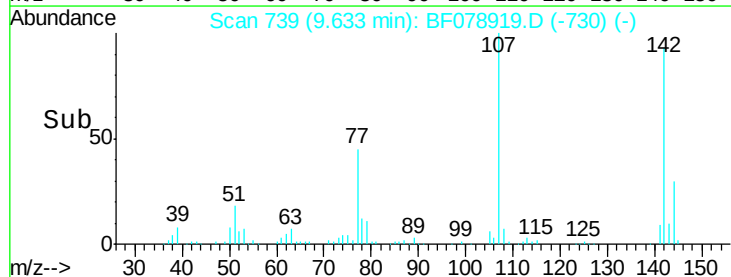
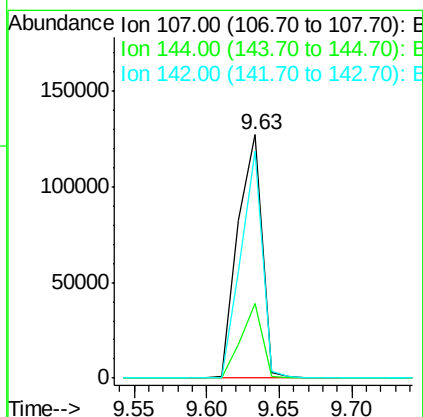
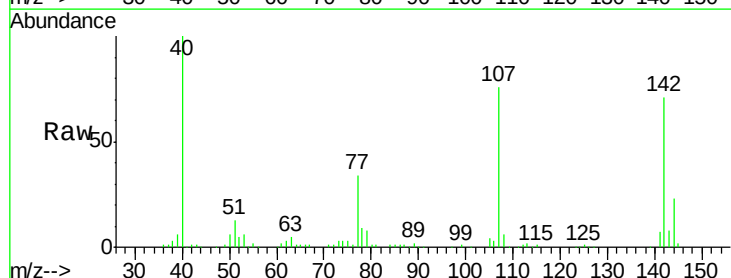
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

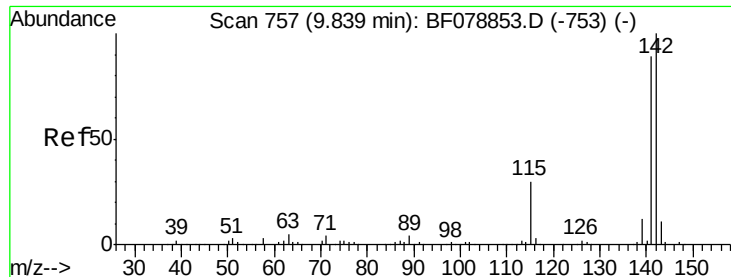
Tgt Ion:113 Resp: 44578
 Ion Ratio Lower Upper
 113 100
 55 186.7 169.7 209.7
 56 138.1 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 35.47 ng
 RT: 9.63 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion:107 Resp: 147566
 Ion Ratio Lower Upper
 107 100
 144 30.4 19.8 29.6#
 142 93.2 60.6 91.0#

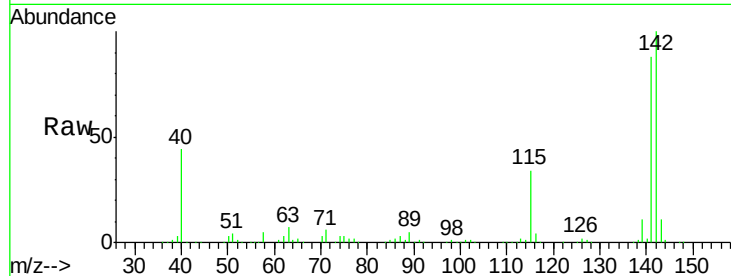




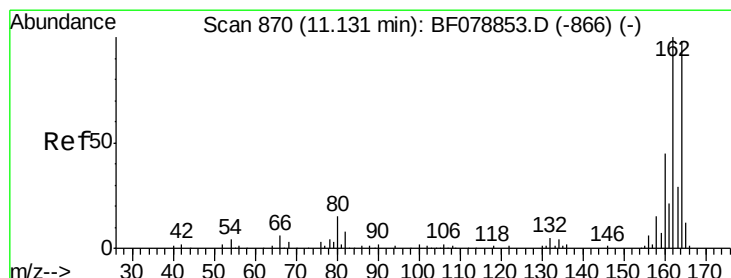
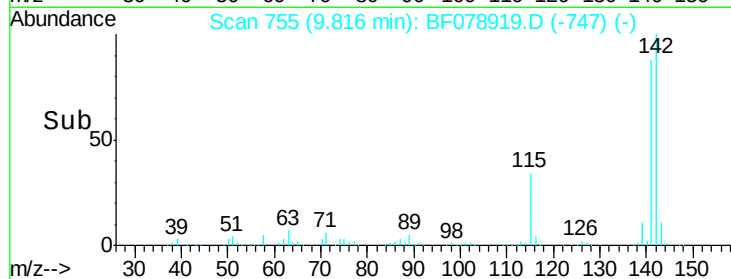
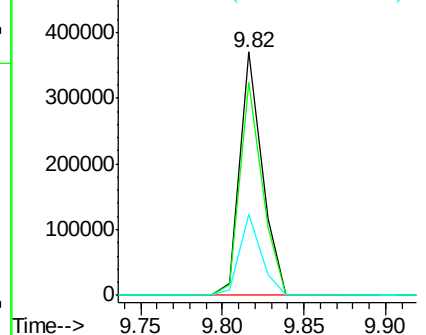
#37
 2-Methylnaphthalene
 Concen: 33.84 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.9	106.3
115	33.5	28.5	42.7

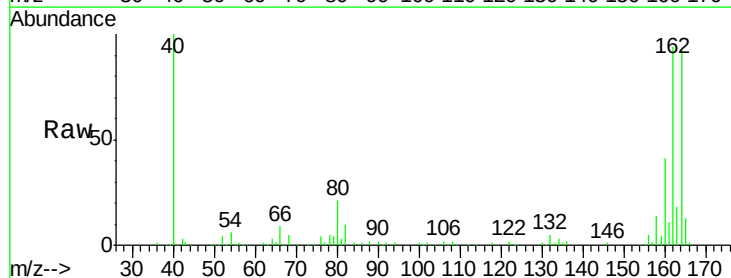


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

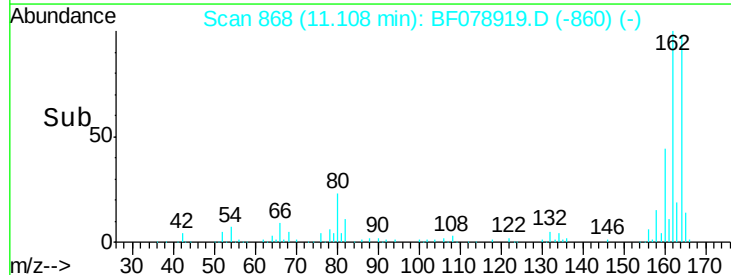
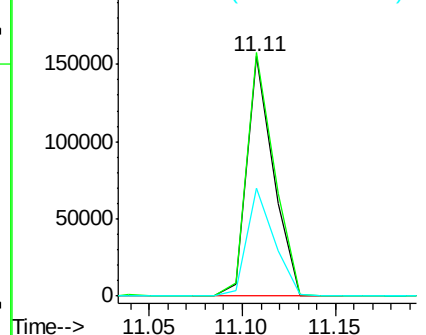


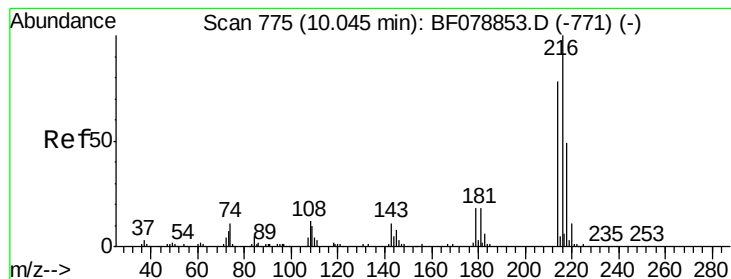
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.7	124.1
160	44.8	35.8	53.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.97 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tgt Ion:216 Resp: 138344

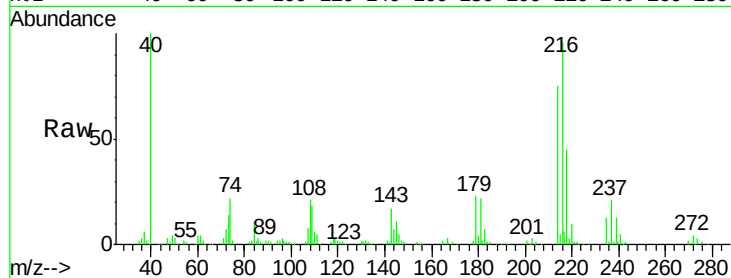
Ion Ratio Lower Upper

216 100

214 78.8 0.0 0.0#

179 22.8 0.0 0.0#

108 24.2 0.0 0.0#

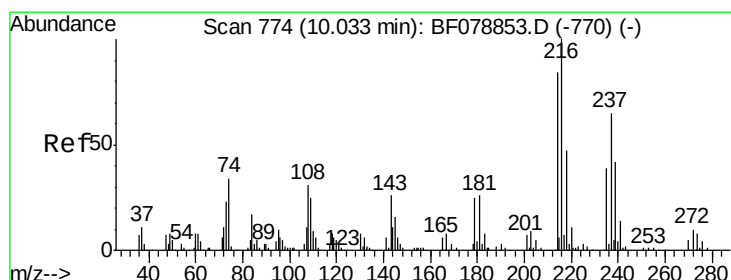
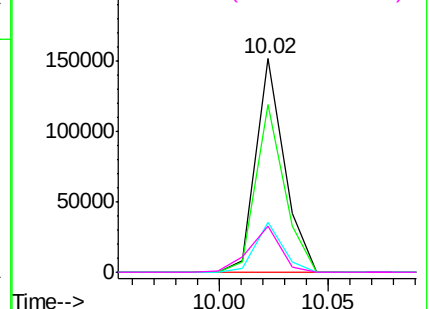
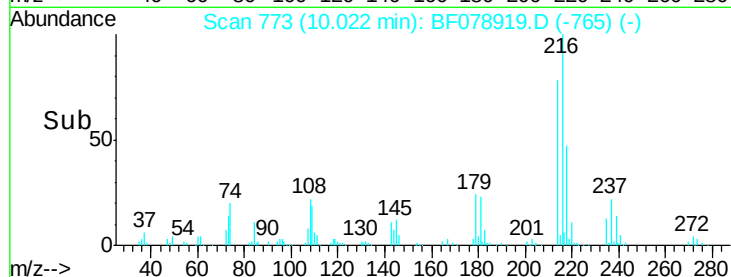


Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.48 ng

RT: 10.01 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

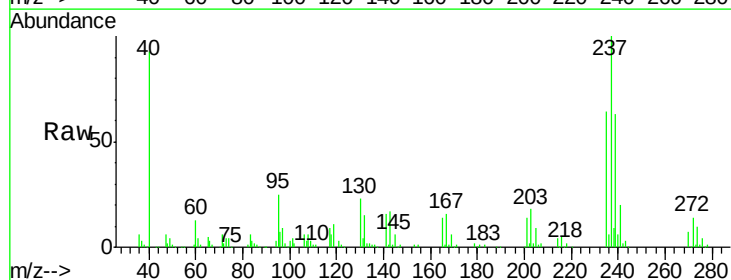
Tgt Ion:237 Resp: 144670

Ion Ratio Lower Upper

237 100

235 63.6 44.7 84.7

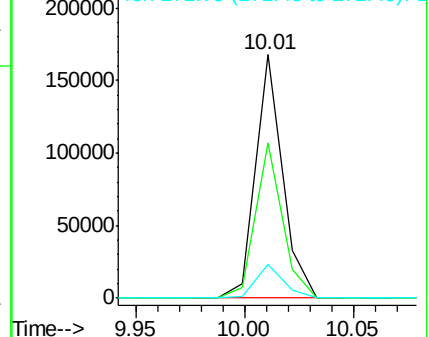
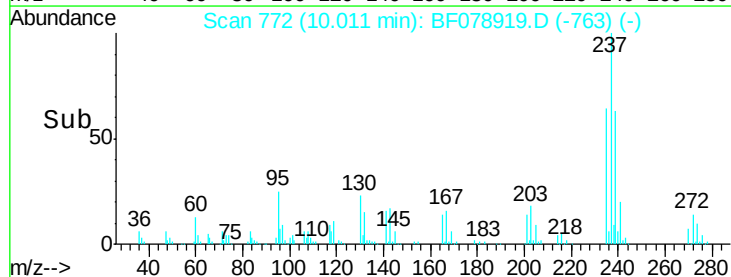
272 13.7 0.0 32.6

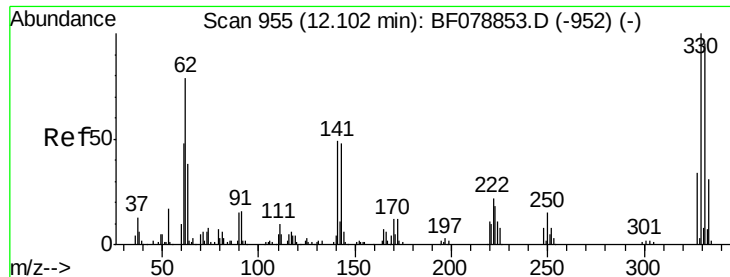


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

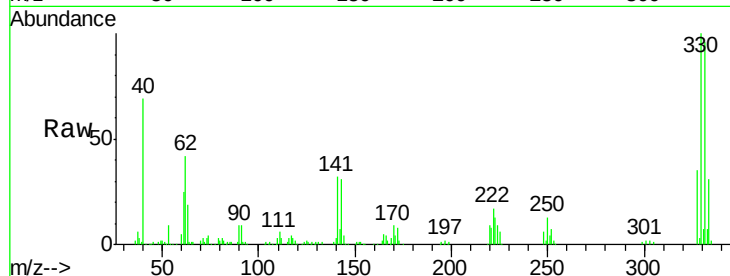




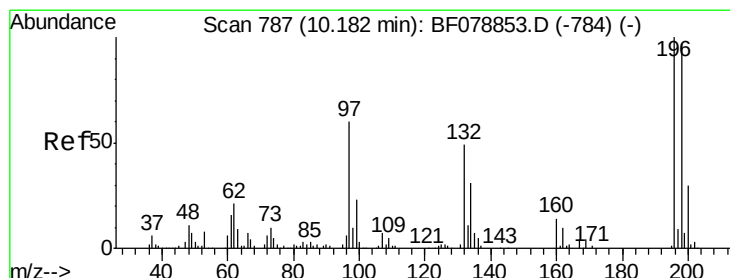
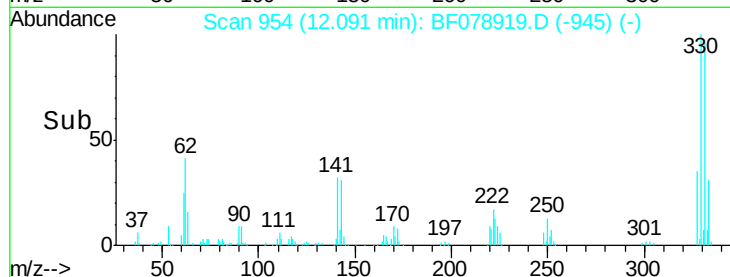
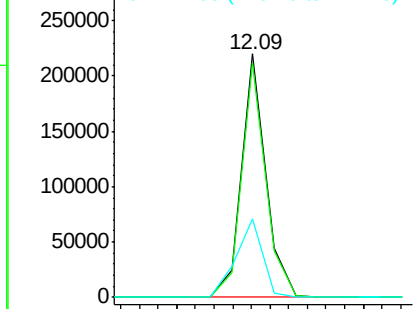
#41
 2,4,6-Tribromophenol
 Concen: 120.13 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tgt Ion:330 Resp: 199696
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 35.3 0.0 0.0#

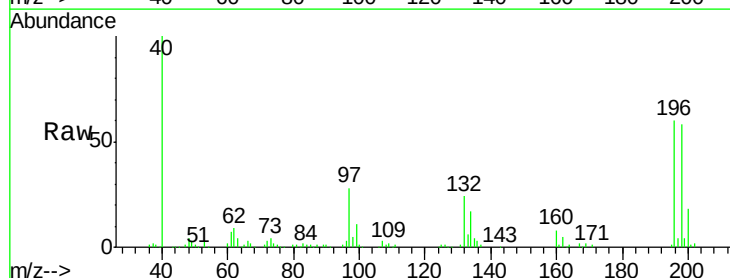


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

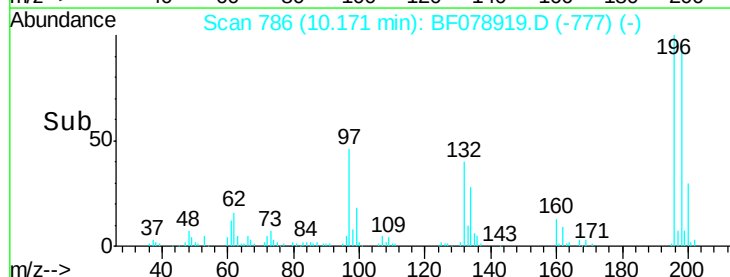
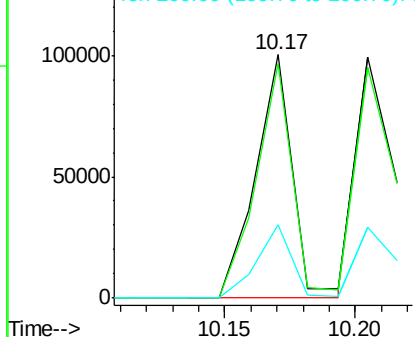


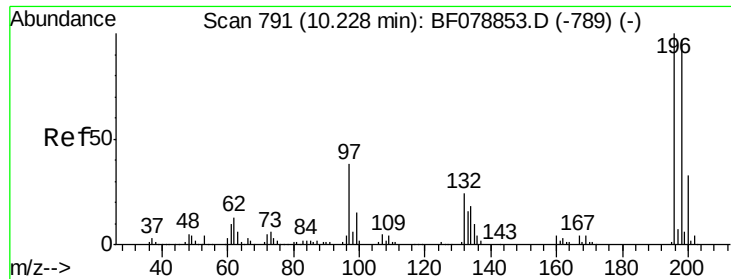
#42
 2,4,6-Trichlorophenol
 Concen: 33.24 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion:196 Resp: 98884
 Ion Ratio Lower Upper
 196 100
 198 96.1 80.5 120.7
 200 30.1 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

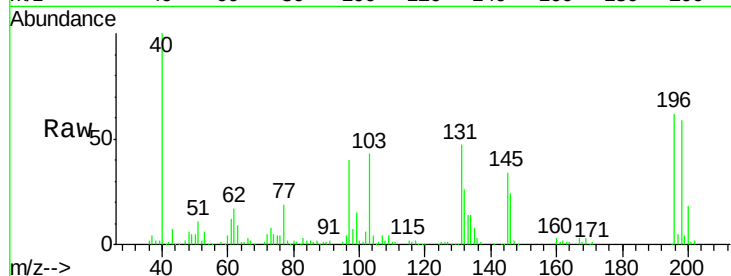




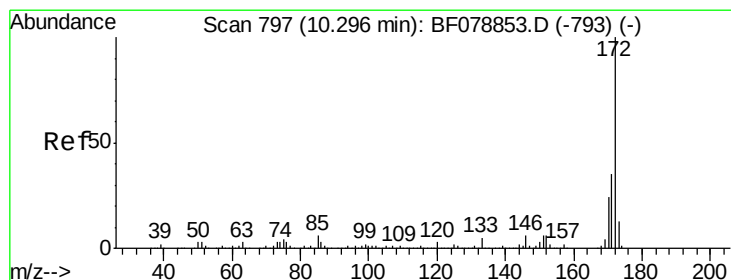
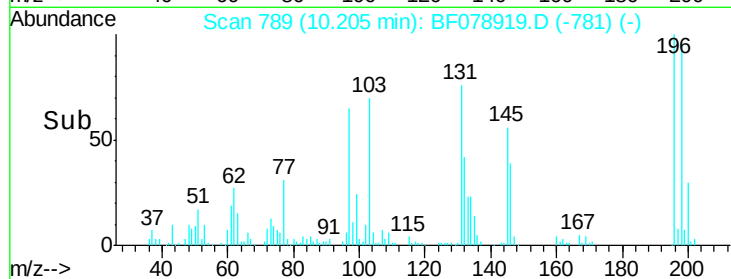
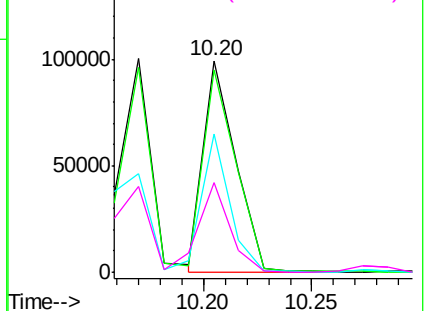
#43
 2,4,5-Trichlorophenol
 Concen: 34.18 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tgt Ion:	196	Resp:	102815
Ion Ratio	Lower	Upper	
196	100		
198	95.8	79.8	119.6
97	65.4	46.0	69.0
132	42.4	26.6	40.0#

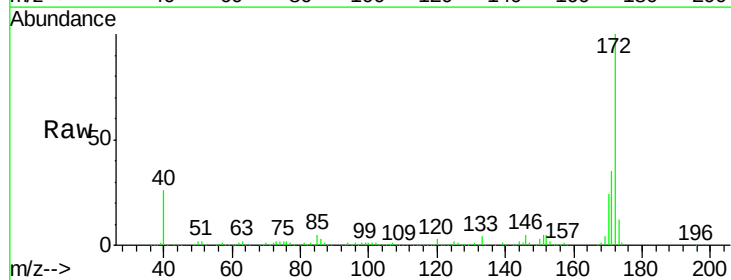


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

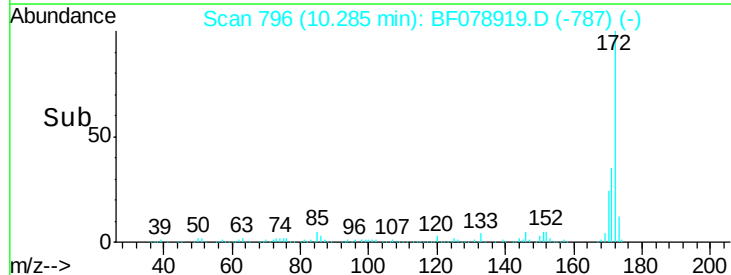
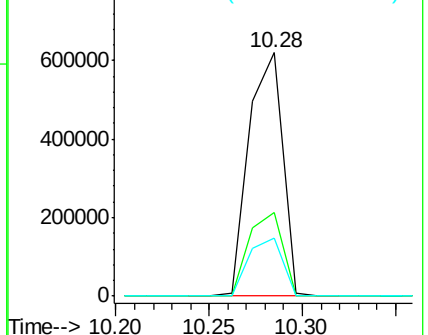


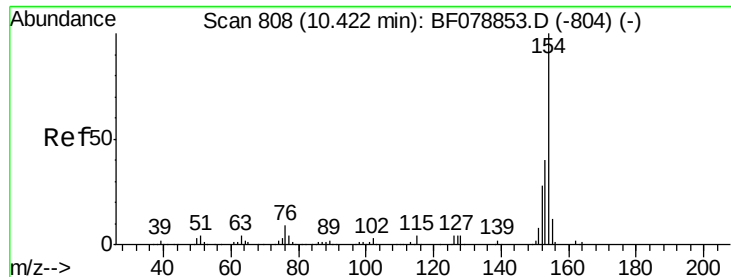
#44
 2-Fluorobiphenyl
 Concen: 70.39 ng
 RT: 10.28 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion:	172	Resp:	776349
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.9	41.9
170	23.7	19.4	29.0



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





#45

1,1'-Biphenyl

Concen: 33.71 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

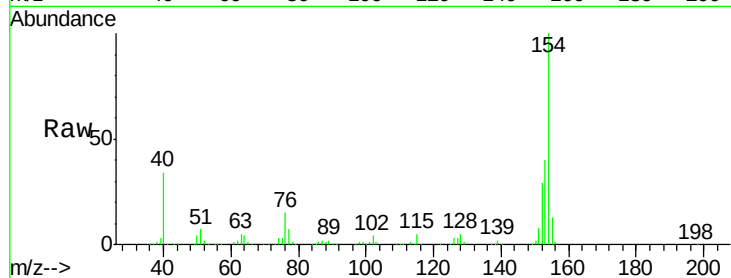
Tgt Ion:154 Resp: 411852

Ion Ratio Lower Upper

154 100

153 40.0 19.9 59.9

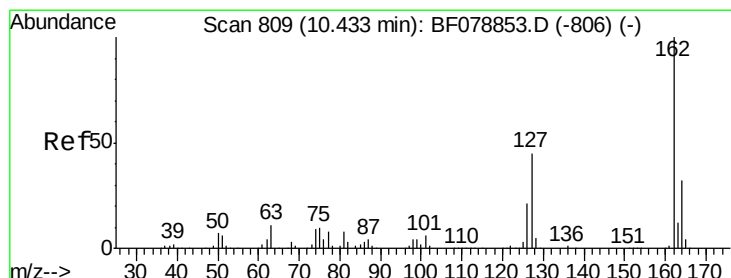
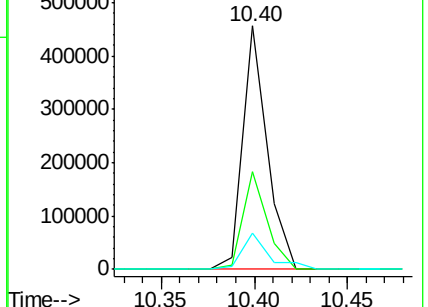
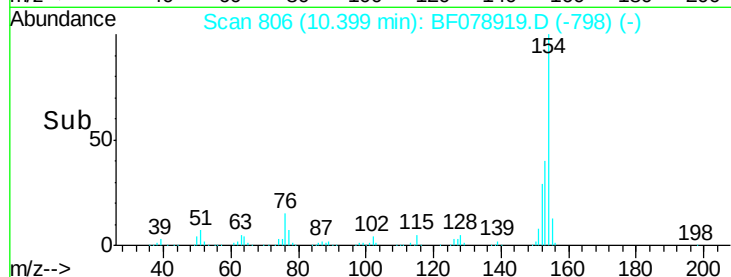
76 14.7 0.0 35.0



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: 33.59 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

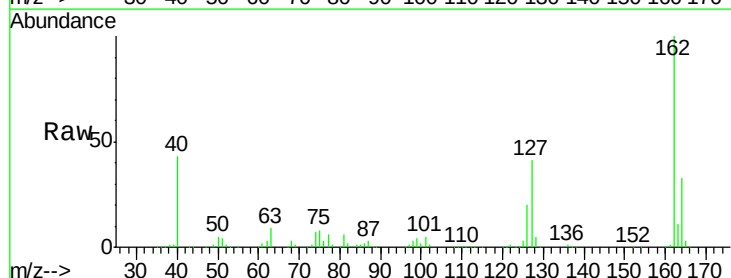
Tgt Ion:162 Resp: 320053

Ion Ratio Lower Upper

162 100

127 40.7 33.9 50.9

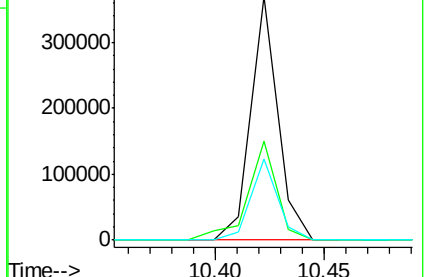
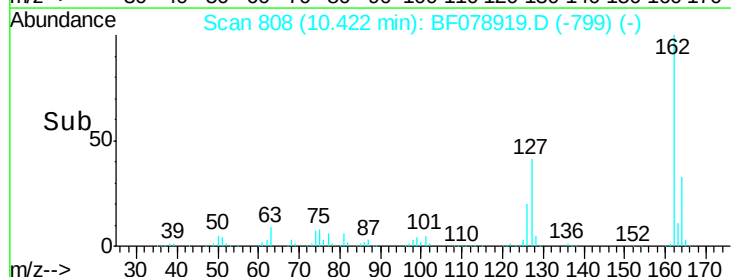
164 33.2 26.3 39.5

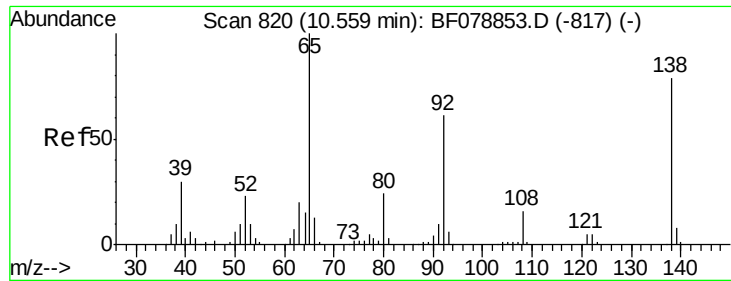


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.33 ng

RT: 10.55 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

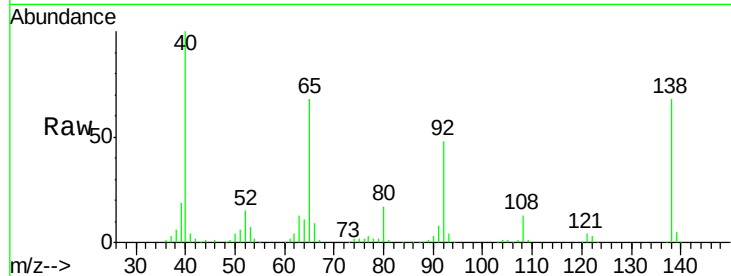
Tgt Ion: 65 Resp: 94792

Ion Ratio Lower Upper

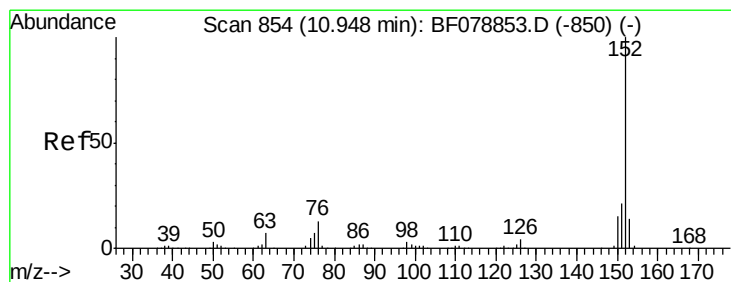
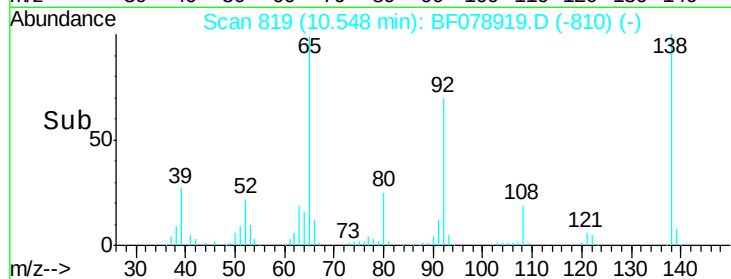
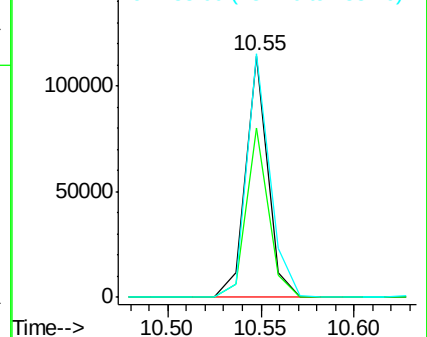
65 100

92 70.1 54.0 81.0

138 100.8 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): E



#48

Acenaphthylene

Concen: 33.43 ng

RT: 10.94 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

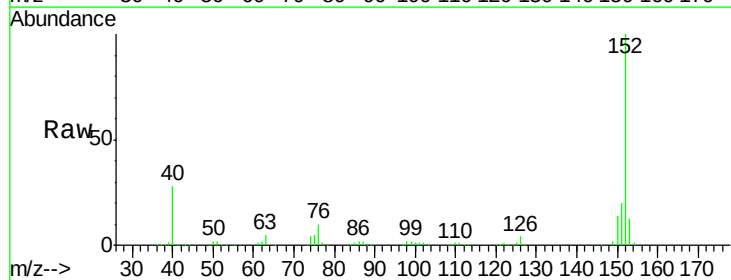
Tgt Ion: 152 Resp: 522968

Ion Ratio Lower Upper

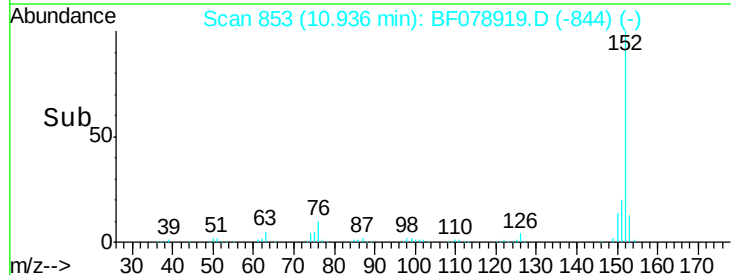
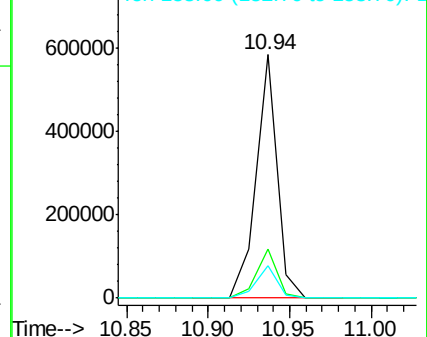
152 100

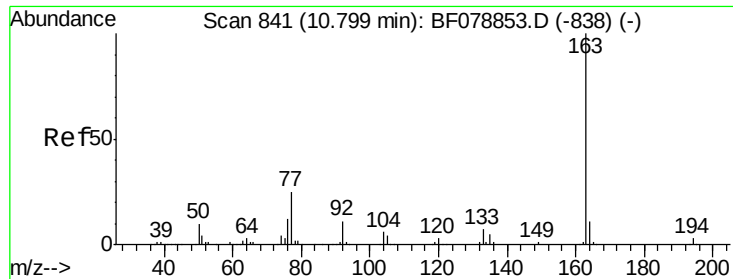
151 20.1 16.2 24.4

153 13.3 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

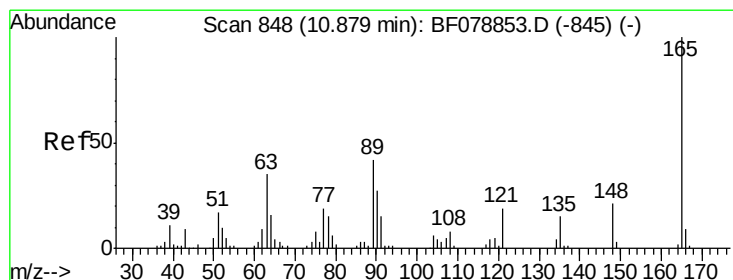
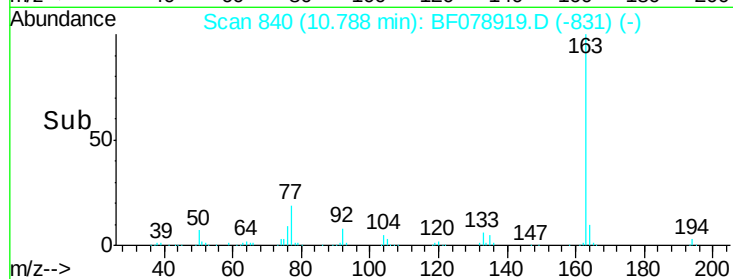
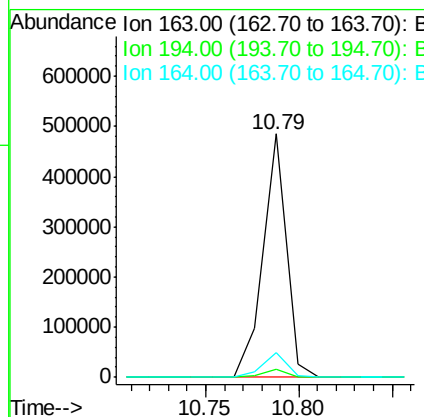
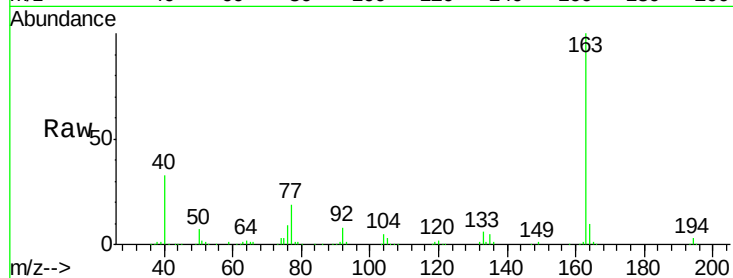




#49
Dimethylphthalate
Concen: 37.13 ng
RT: 10.79 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

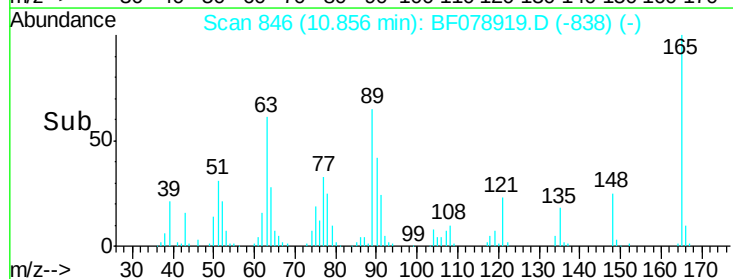
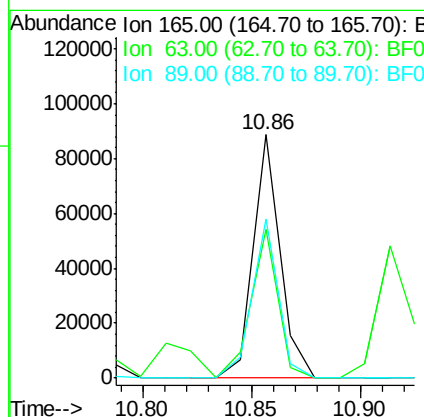
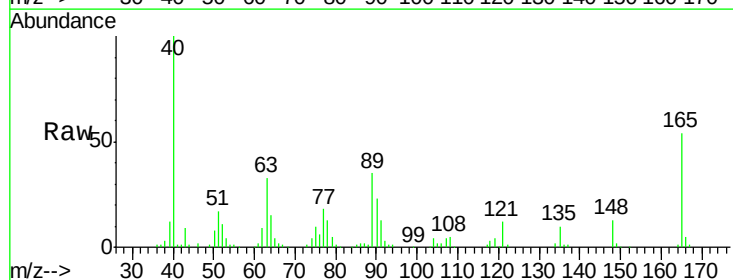
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

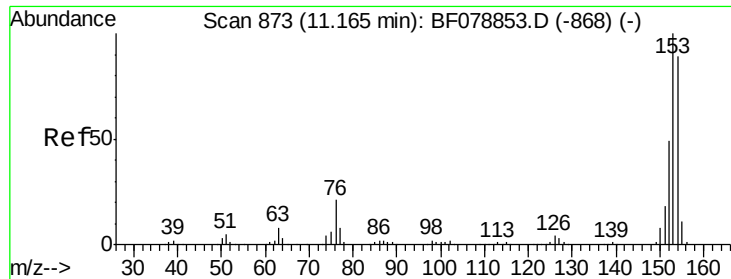
Tgt Ion:163 Resp: 418789
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 34.10 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion:165 Resp: 75898
Ion Ratio Lower Upper
165 100
63 61.3 54.4 81.6
89 65.2 55.7 83.5





#51

Acenaphthene

Concen: 32.87 ng

RT: 11.15 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

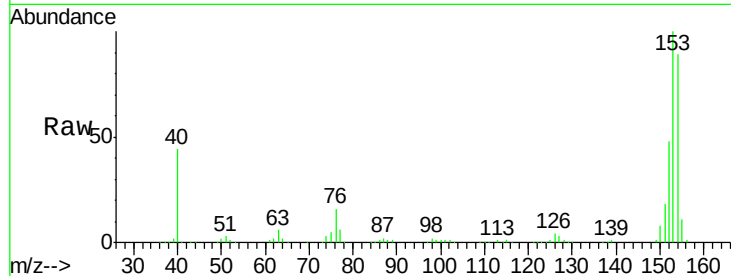
Tgt Ion:154 Resp: 306646

Ion Ratio Lower Upper

154 100

153 112.6 91.5 137.3

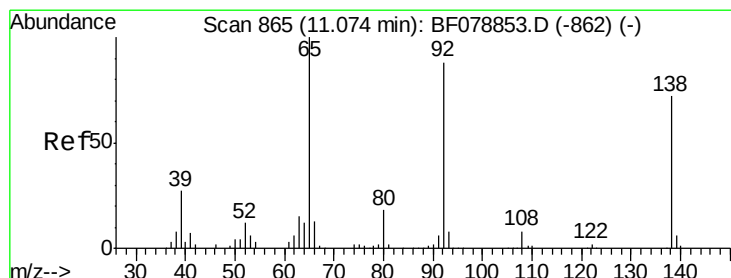
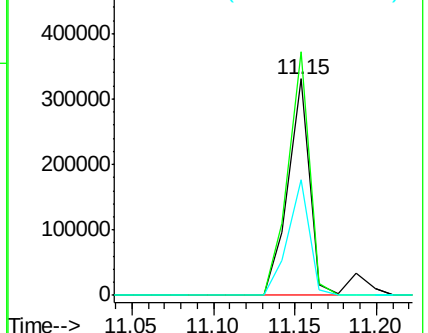
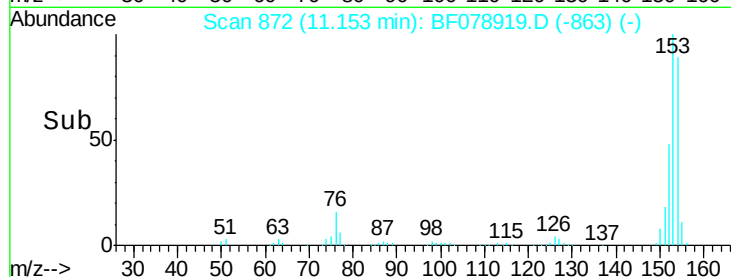
152 53.7 44.2 66.4



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: 24.48 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

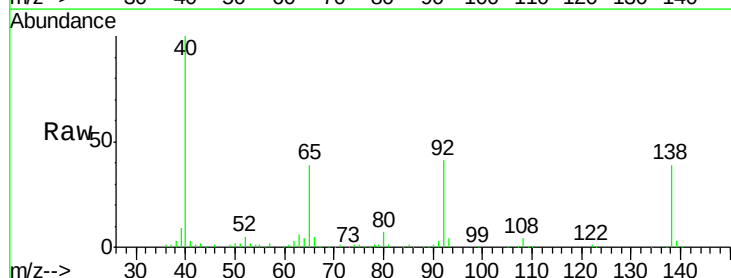
Tgt Ion:138 Resp: 68047

Ion Ratio Lower Upper

138 100

108 9.5 10.6 16.0#

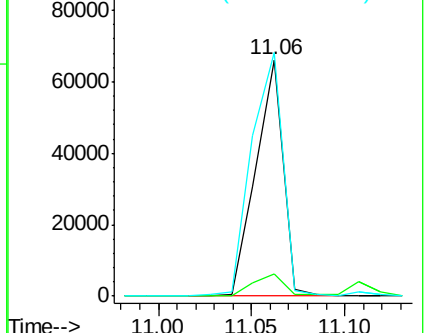
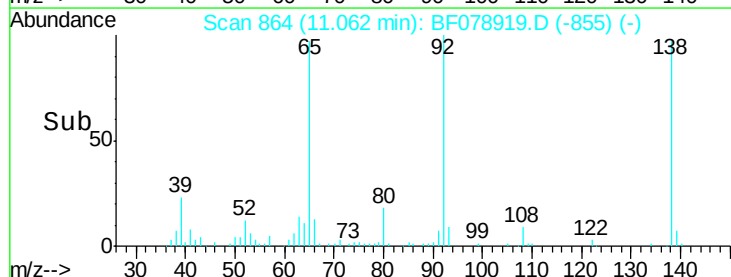
92 103.2 81.8 122.6

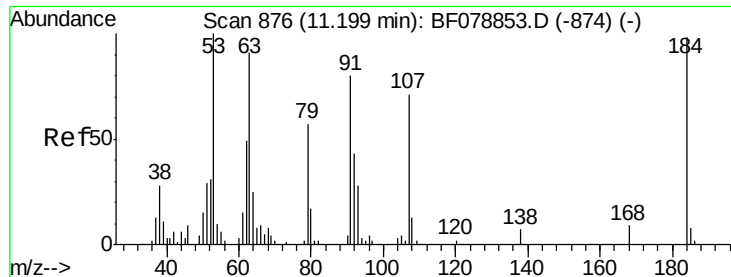


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

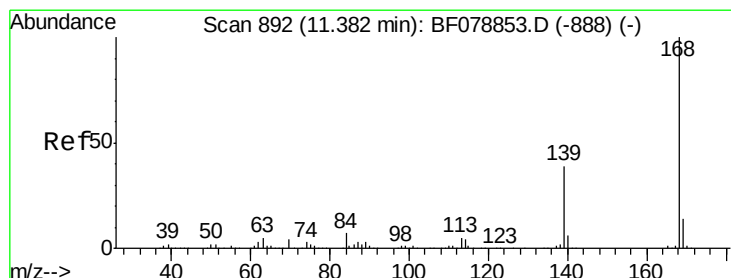
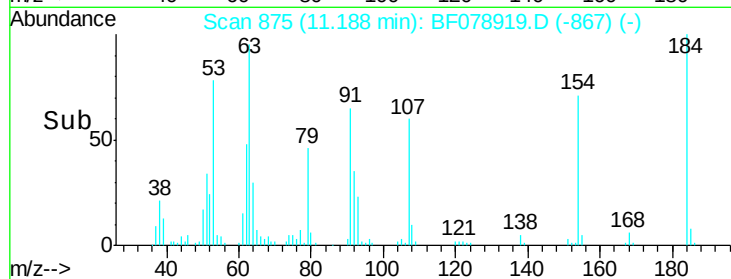
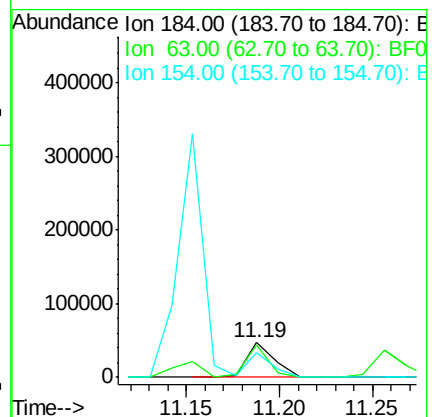
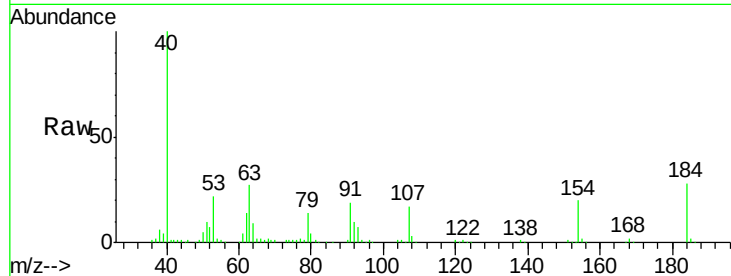




#53
 2,4-Dinitrophenol
 Concen: 61.08 ng
 RT: 11.19 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

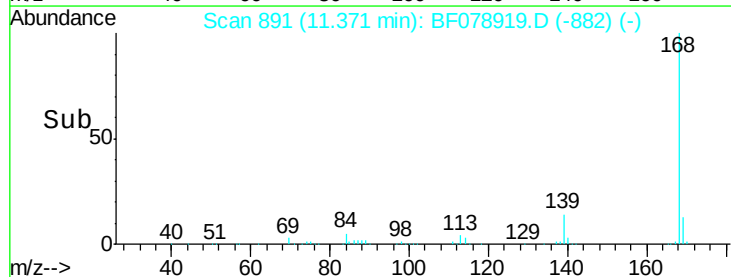
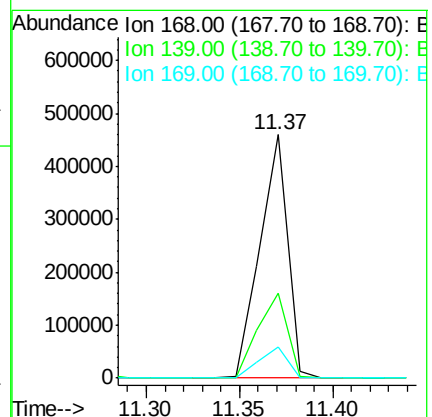
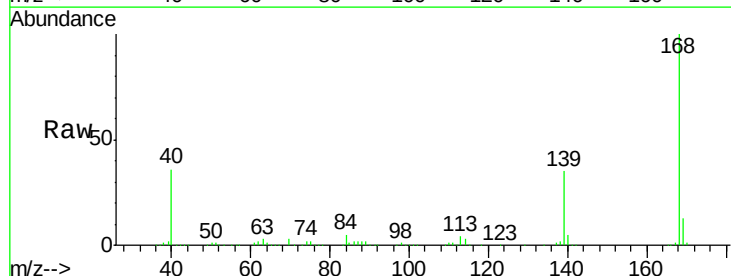
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

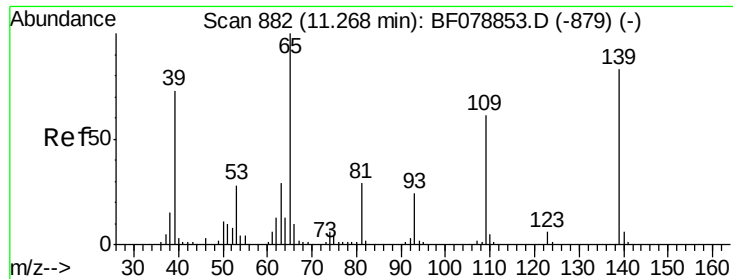
Tgt Ion:184 Resp: 48176
 Ion Ratio Lower Upper
 184 100
 63 95.3 63.3 94.9#
 154 70.7 53.8 80.6



#54
 Dibenzofuran
 Concen: 34.90 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion:168 Resp: 470259
 Ion Ratio Lower Upper
 168 100
 139 35.0 31.0 46.4
 169 13.0 10.6 16.0

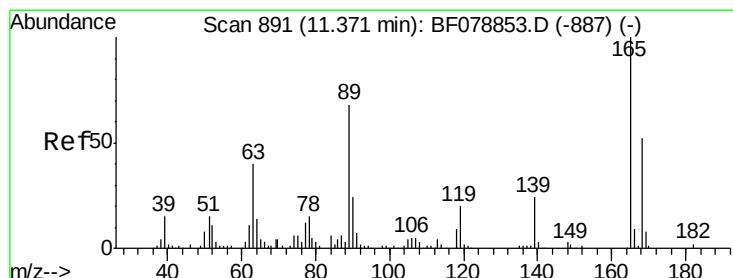
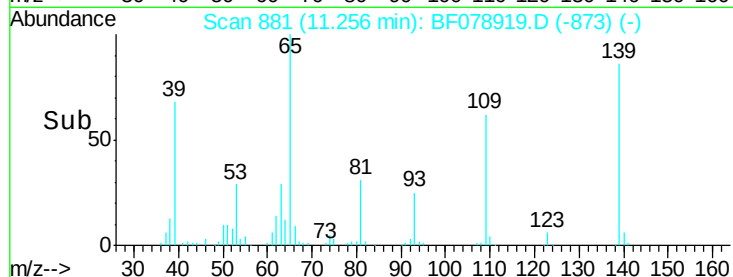
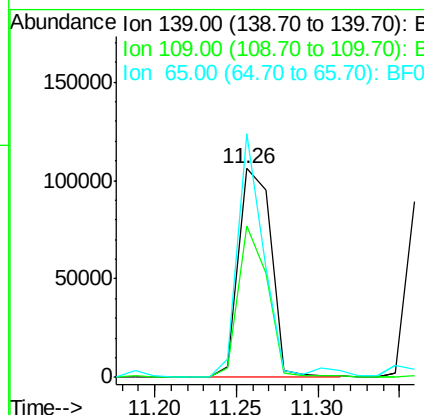
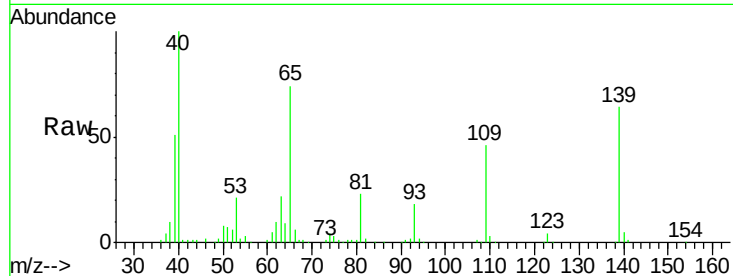




#55
4-Nitrophenol
Concen: 66.52 ng
RT: 11.26 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

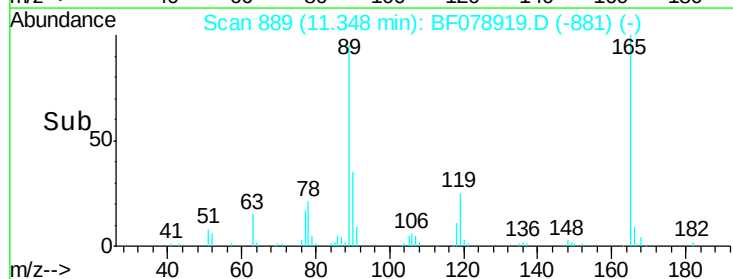
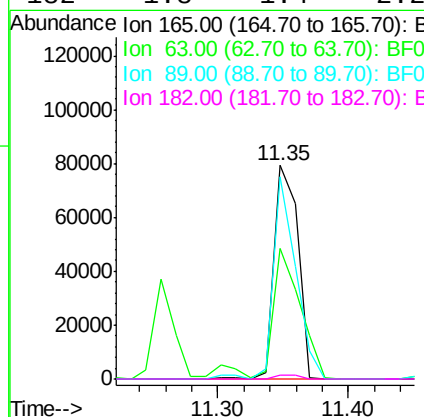
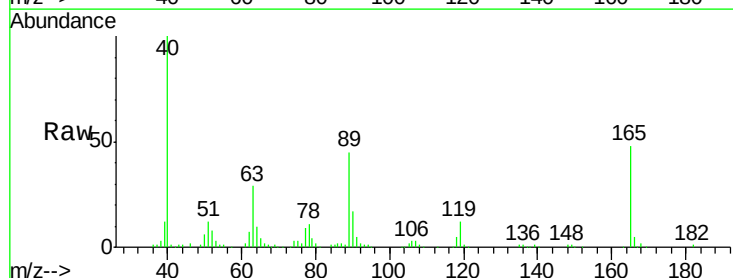
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

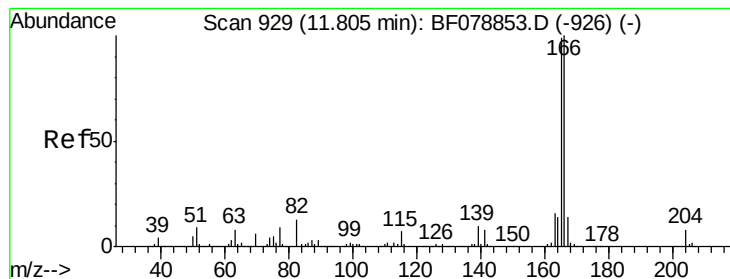
Tgt Ion:139 Resp: 146386
Ion Ratio Lower Upper
139 100
109 72.4 47.6 87.6
65 116.7 54.3 94.3#



#56
2,4-Dinitrotoluene
Concen: 34.65 ng
RT: 11.35 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion:165 Resp: 101937
Ion Ratio Lower Upper
165 100
63 61.3 51.2 76.8
89 94.7 82.7 124.1
182 1.8 1.4 2.2





#57

Fluorene

Concen: 34.06 ng

RT: 11.79 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

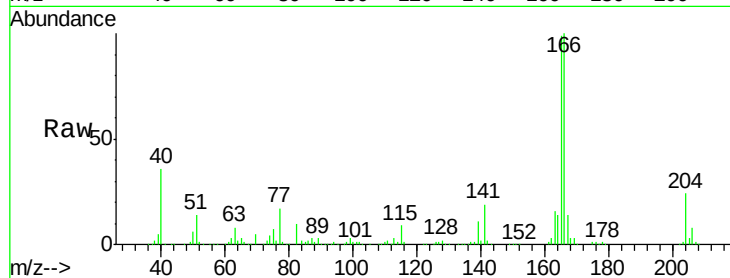
Tgt Ion:166 Resp: 376745

Ion Ratio Lower Upper

166 100

165 99.2 78.5 117.7

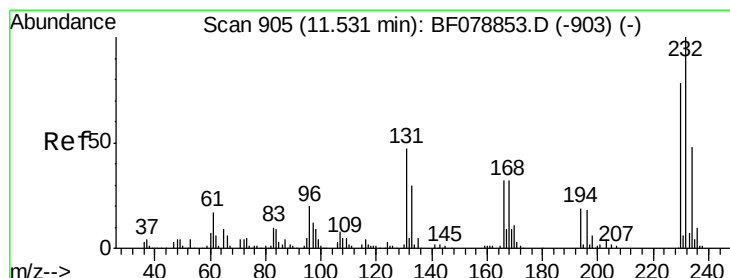
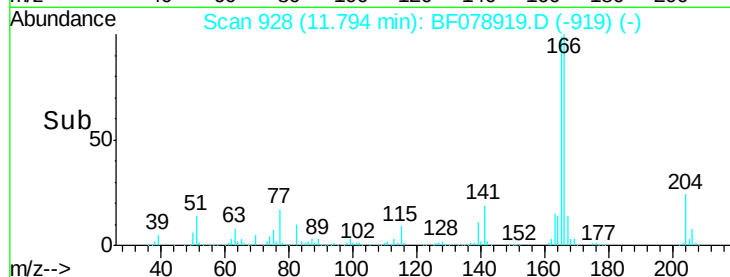
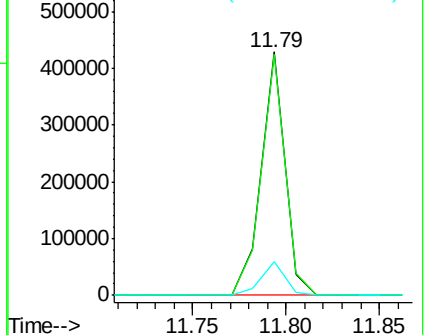
167 13.7 11.0 16.6



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: 33.62 ng

RT: 11.52 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Tgt Ion:232 Resp: 82648

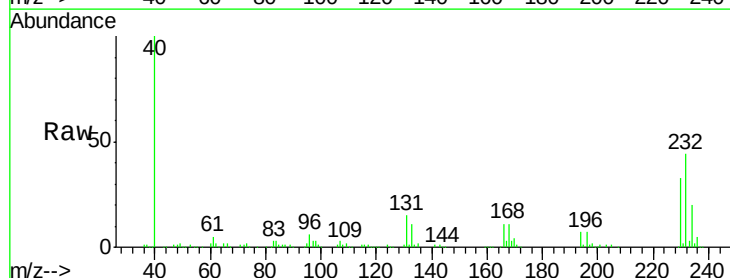
Ion Ratio Lower Upper

232 100

131 52.1 0.0 0.0#

130 2.3 0.0 0.0#

166 33.0 0.0 0.0#

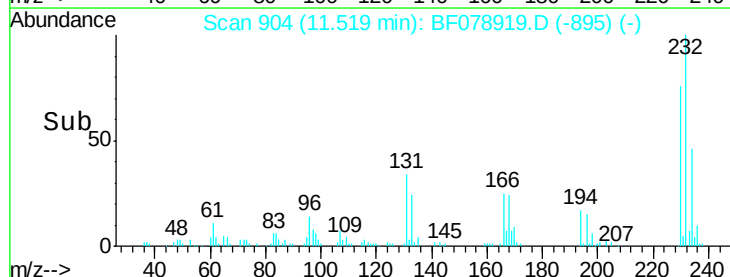
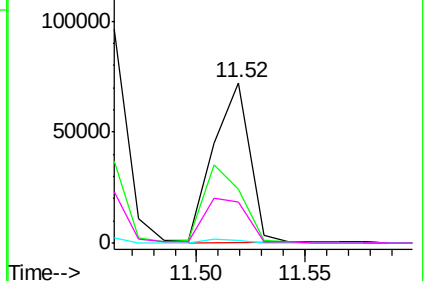


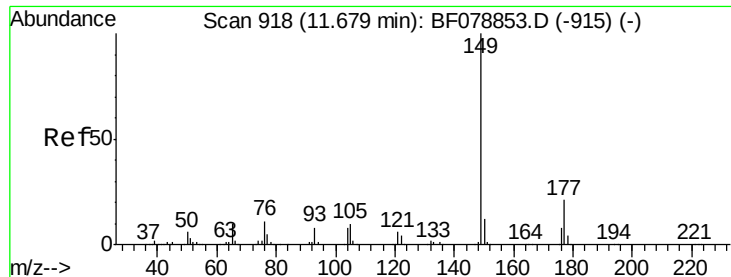
Abundance Ion 232.00 (231.70 to 232.70): E

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

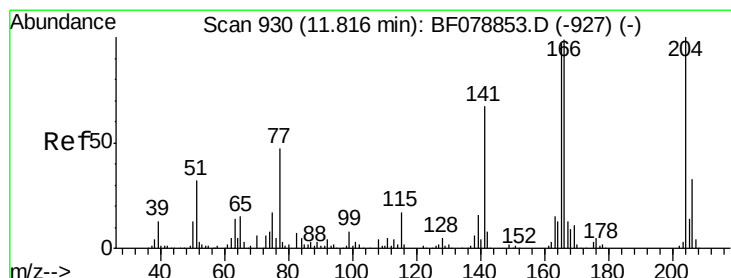
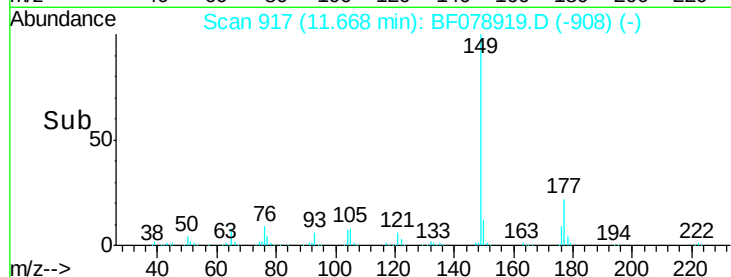
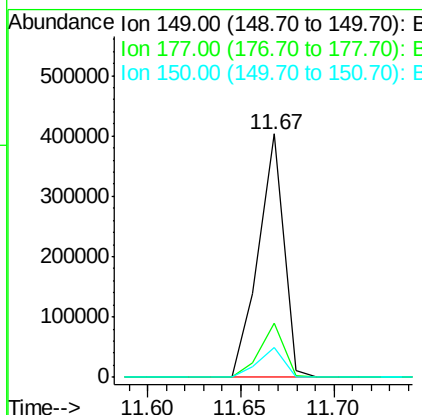
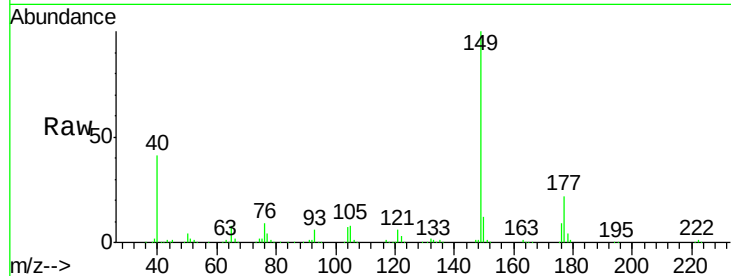




#59
Diethylphthalate
Concen: 34.05 ng
RT: 11.67 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

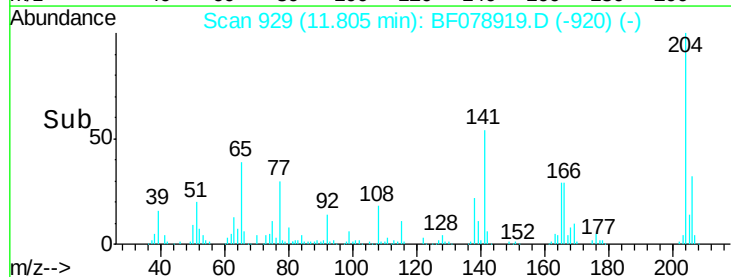
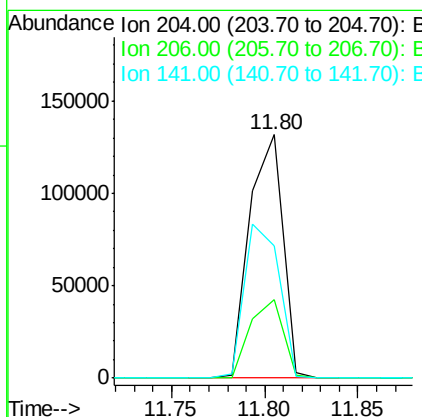
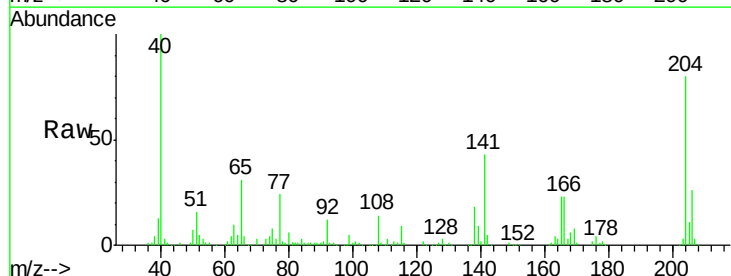
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

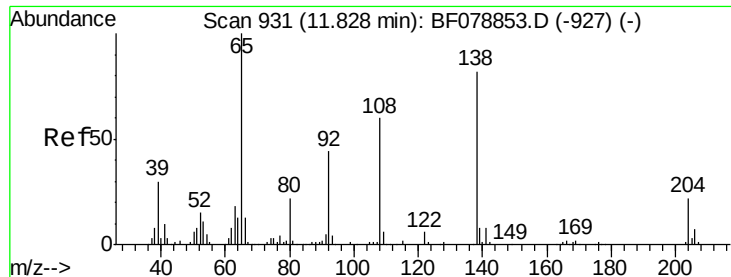
Tgt Ion:149 Resp: 380428
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.2 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 33.25 ng
RT: 11.80 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion:204 Resp: 163167
Ion Ratio Lower Upper
204 100
206 32.3 26.9 40.3
141 54.5 48.3 72.5

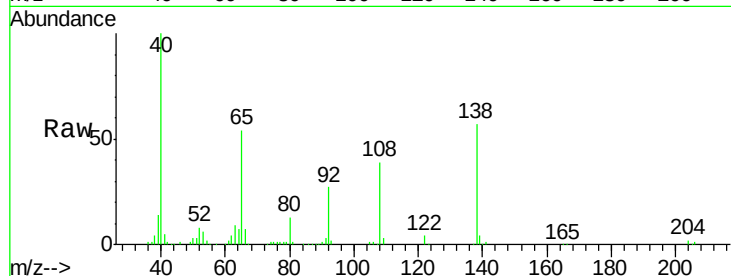




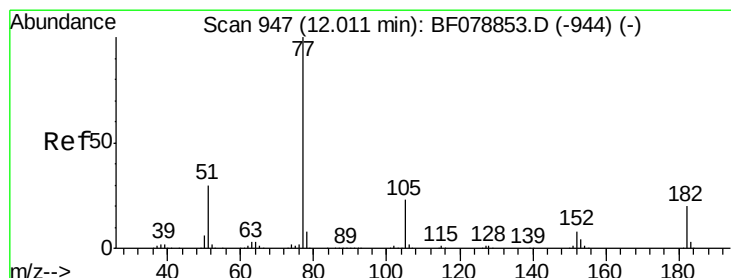
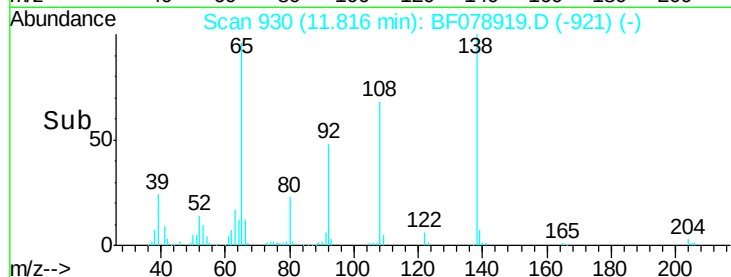
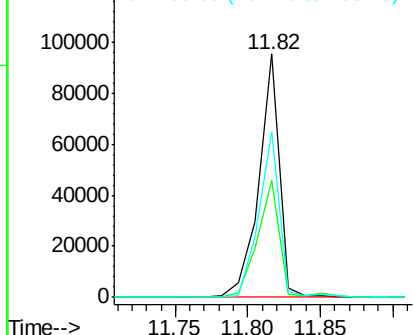
#61
4-Nitroaniline
Concen: 33.88 ng
RT: 11.82 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tgt Ion:138 Resp: 94225
Ion Ratio Lower Upper
138 100
92 48.0 28.0 68.0
108 68.0 56.3 96.3

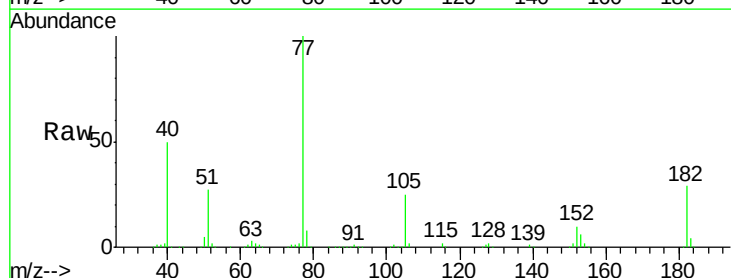


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

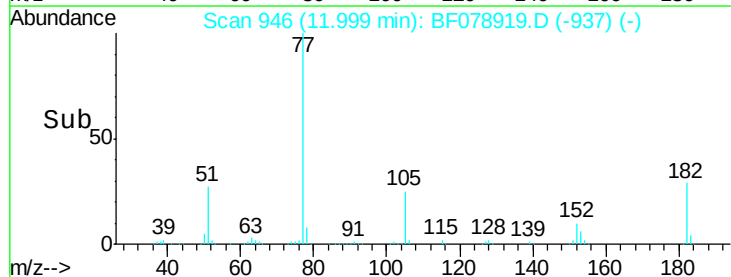
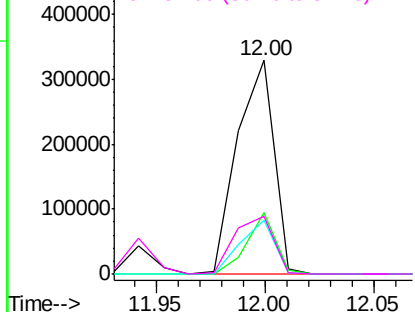


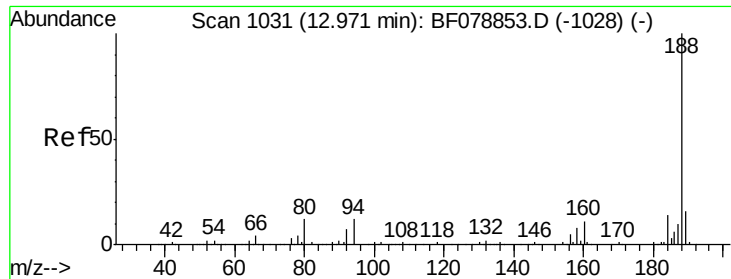
#62
Azobenzene
Concen: 35.13 ng
RT: 12.00 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion: 77 Resp: 386729
Ion Ratio Lower Upper
77 100
182 28.6 3.8 43.8
105 25.2 3.9 43.9
51 27.1 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

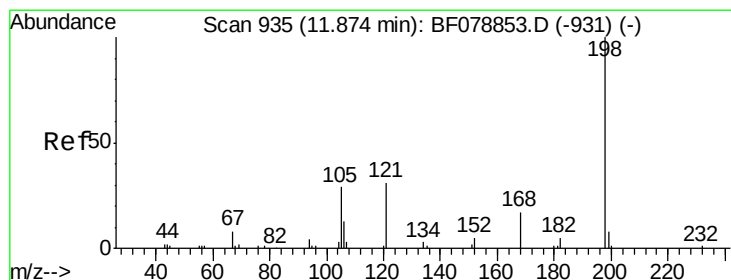
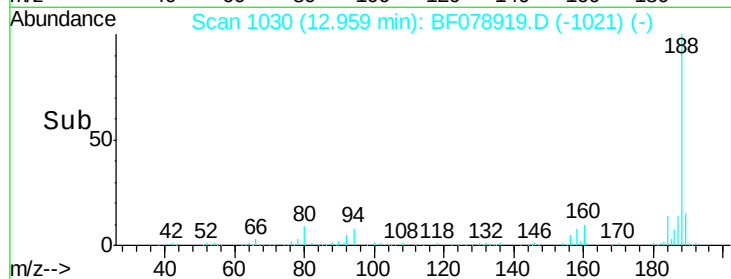
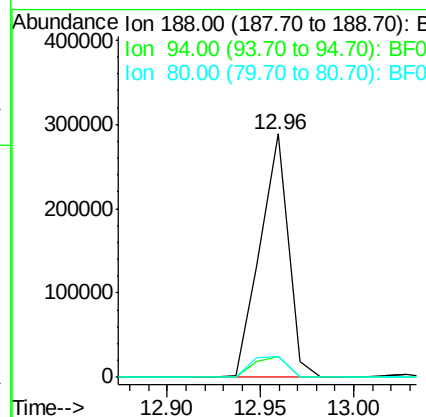
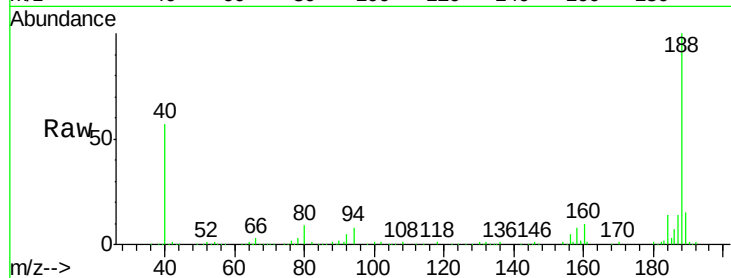




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

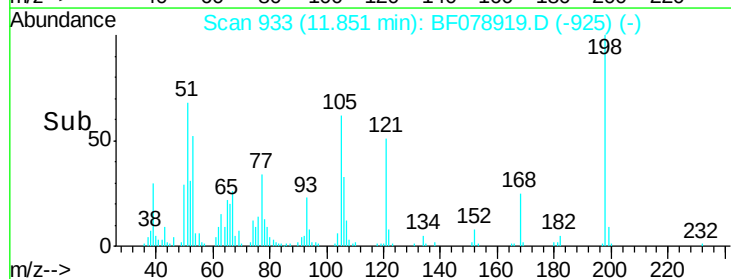
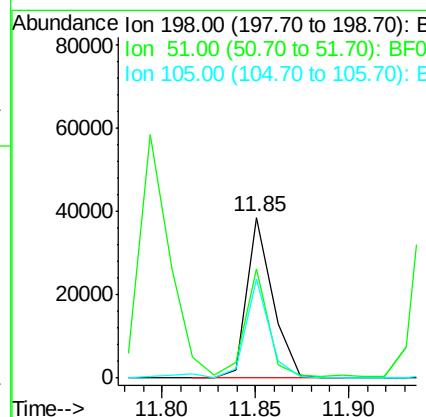
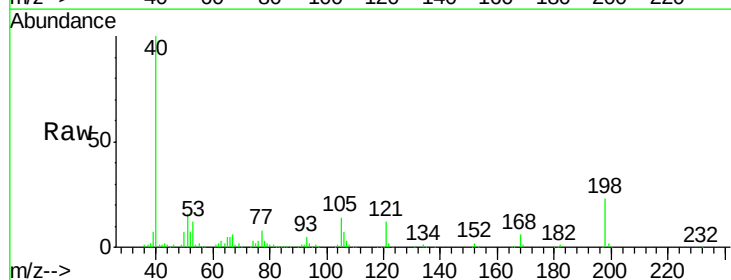
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

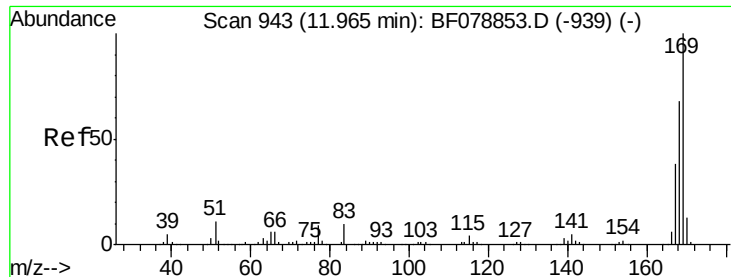
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.8	8.9	13.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 33.55 ng
RT: 11.85 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion	Ratio	Lower	Upper
198	100		
51	68.1	47.3	87.3
105	61.5	38.8	78.8





#65

n-Nitrosodiphenylamine

Concen: 32.05 ng

RT: 11.94 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

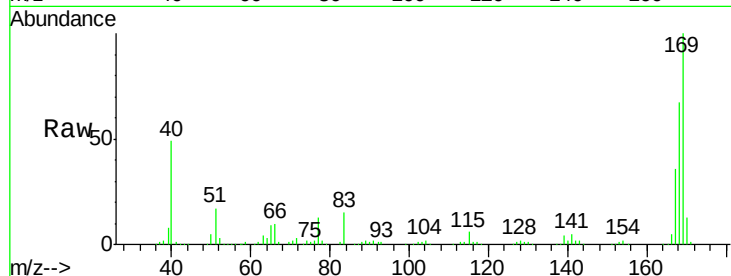
Tgt Ion:169 Resp: 323032

Ion Ratio Lower Upper

169 100

168 66.7 54.6 82.0

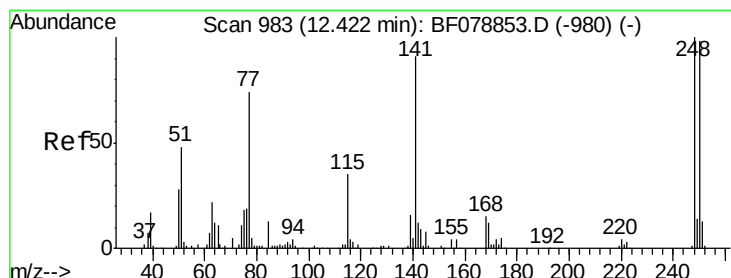
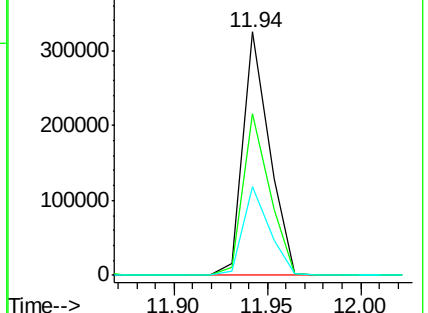
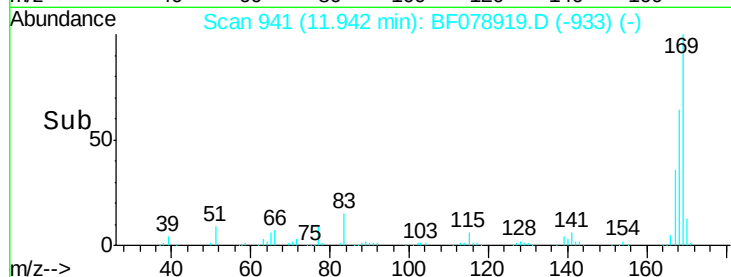
167 36.4 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.16 ng

RT: 12.41 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

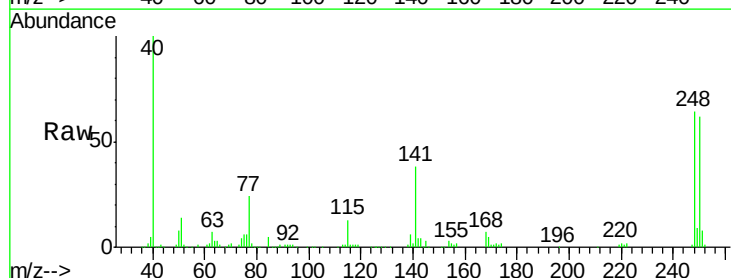
Tgt Ion:248 Resp: 104599

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

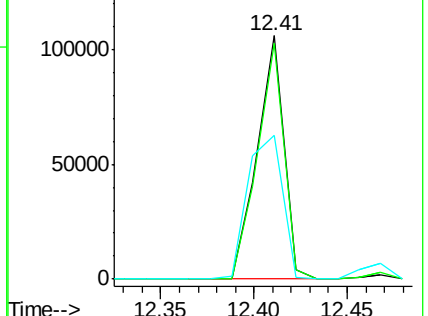
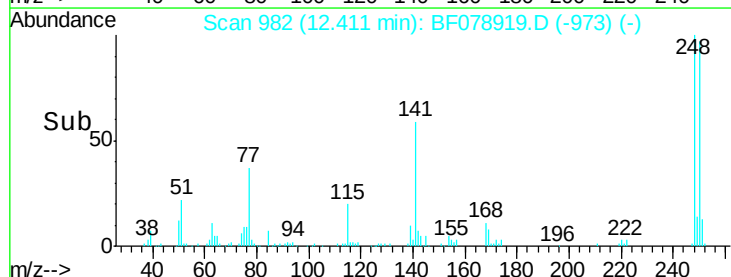
141 59.0 58.8 88.2

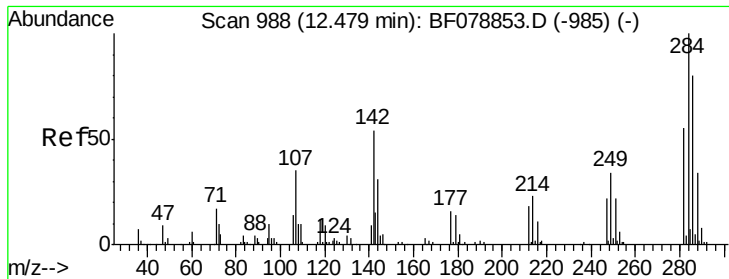


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.25 ng

RT: 12.47 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

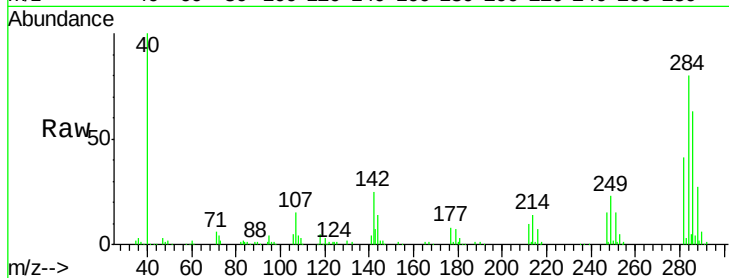
Tgt Ion:284 Resp: 116280

Ion Ratio Lower Upper

284 100

142 30.7 35.2 52.8#

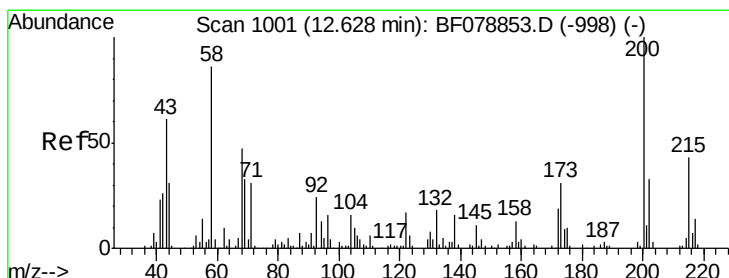
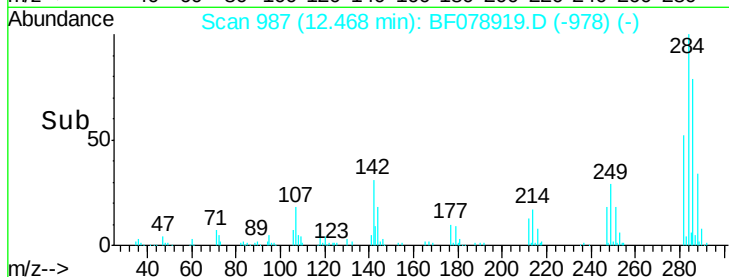
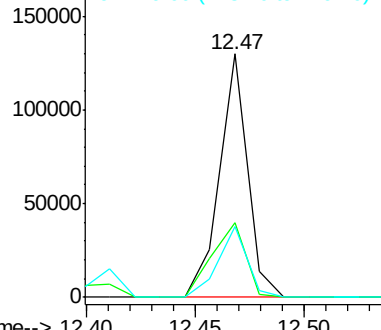
249 29.2 25.4 38.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.13 ng

RT: 12.62 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

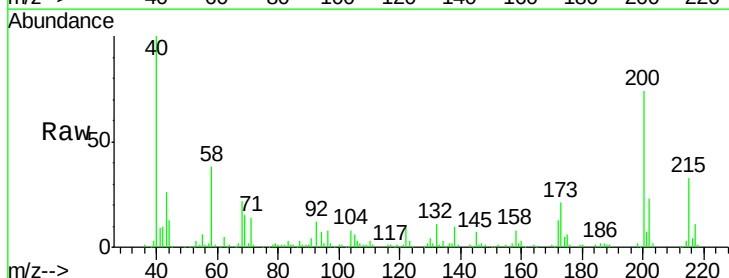
Tgt Ion:200 Resp: 105876

Ion Ratio Lower Upper

200 100

173 28.4 8.1 48.1

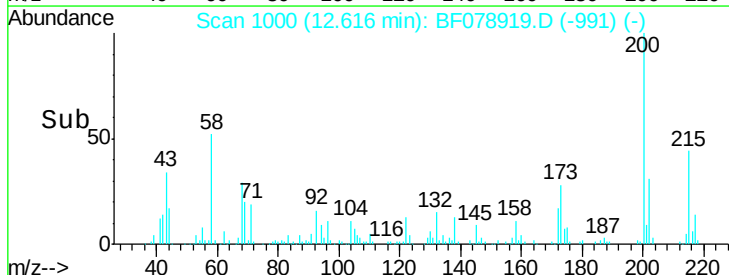
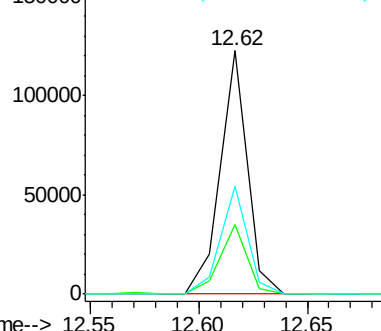
215 44.3 22.9 62.9

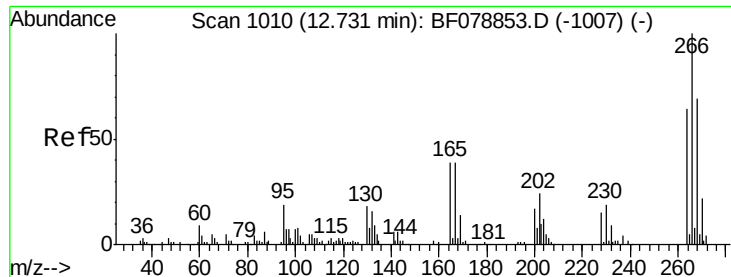


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

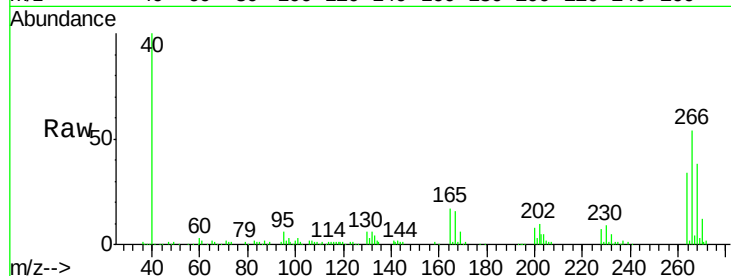




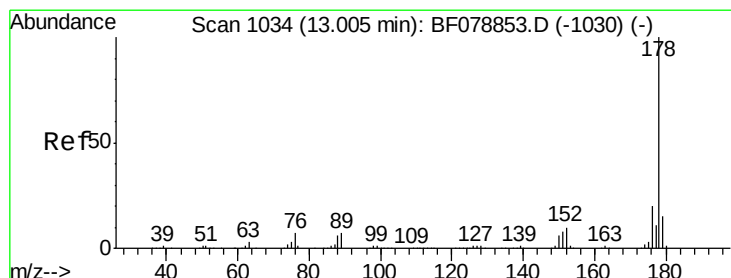
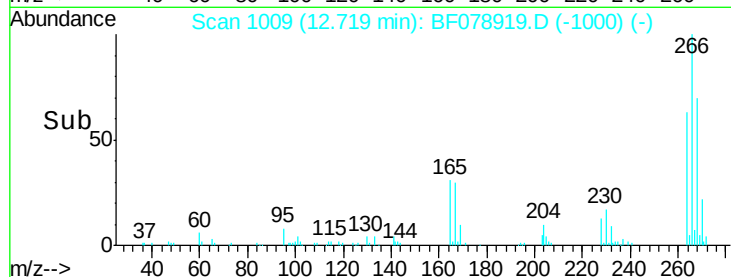
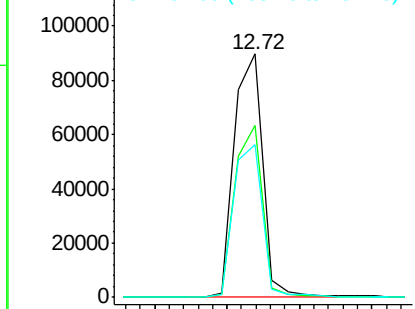
#69
 Pentachlorophenol
 Concen: 59.94 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tgt Ion: 266 Resp: 122479
 Ion Ratio Lower Upper
 266 100
 268 70.4 55.0 82.6
 264 62.8 48.2 72.2

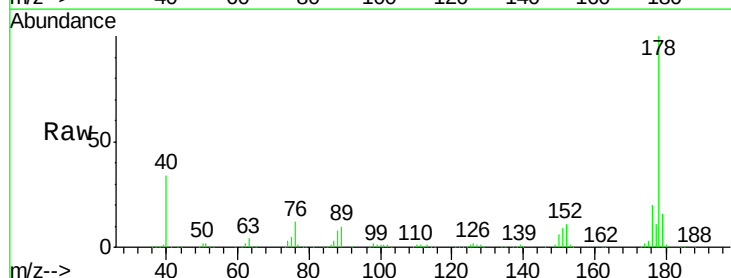


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

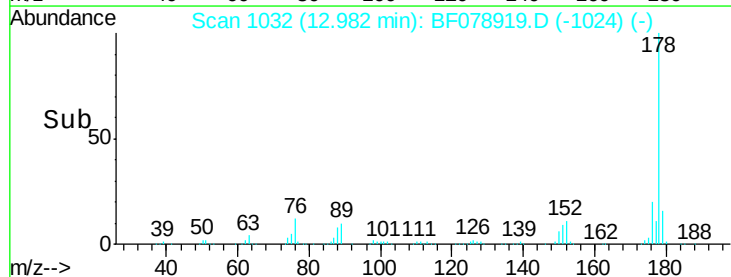
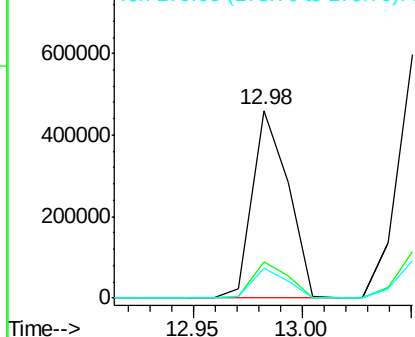


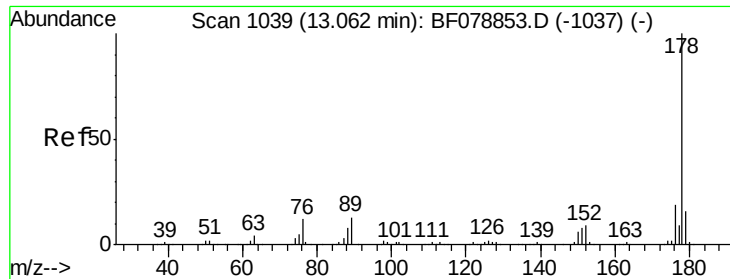
#70
 Phenanthrene
 Concen: 31.22 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion: 178 Resp: 528613
 Ion Ratio Lower Upper
 178 100
 176 19.5 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

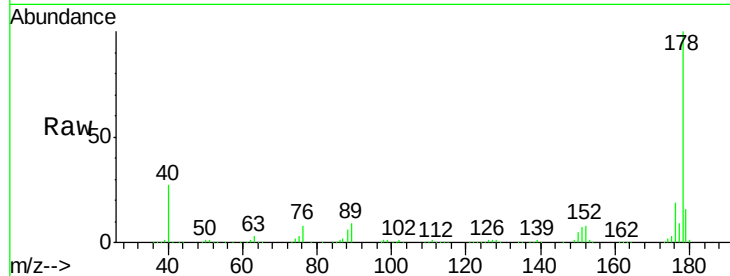




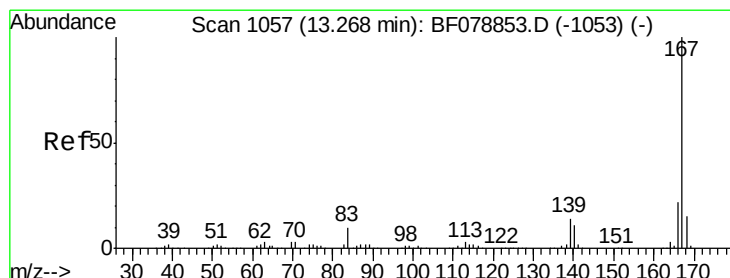
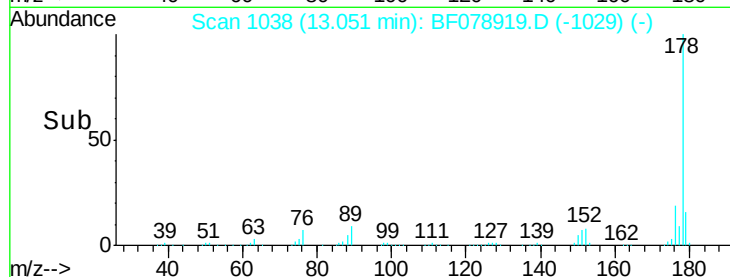
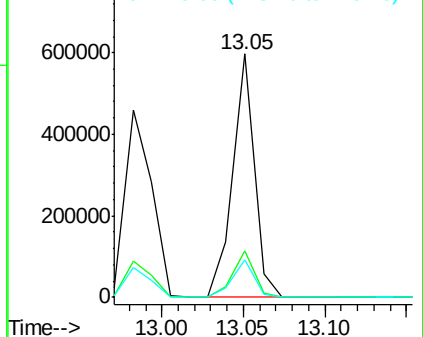
#71
 Anthracene
 Concen: 32.71 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tgt Ion:178 Resp: 543280
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.5 12.7 19.1

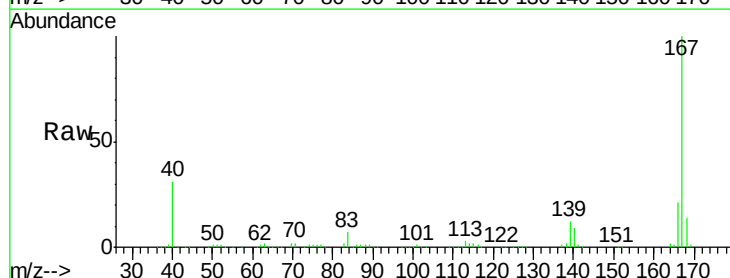


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

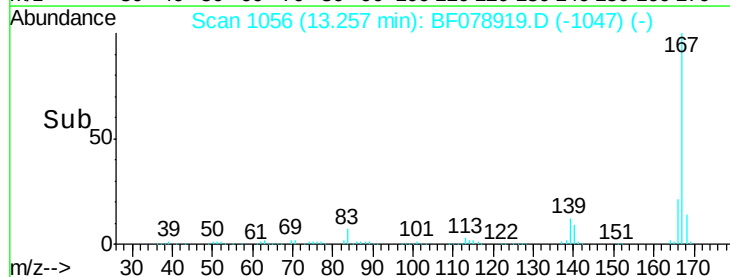
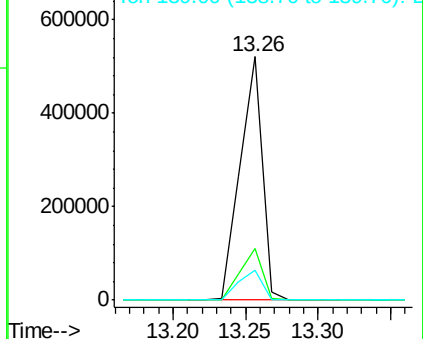


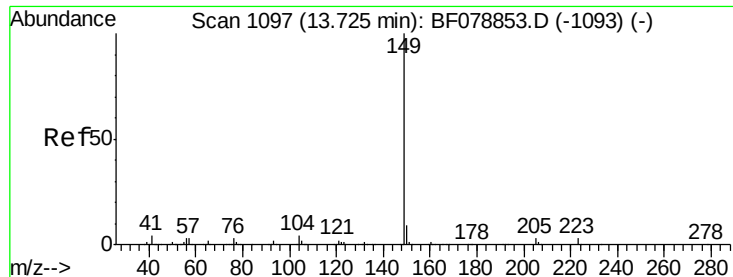
#72
 Carbazole
 Concen: 35.08 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion:167 Resp: 555278
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.8 26.8
 139 12.2 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.45 ng

RT: 13.70 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

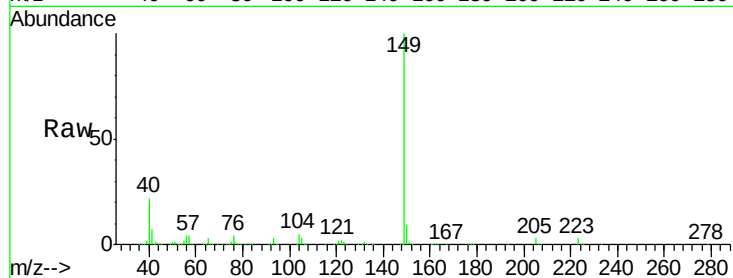
Tgt Ion:149 Resp: 635013

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

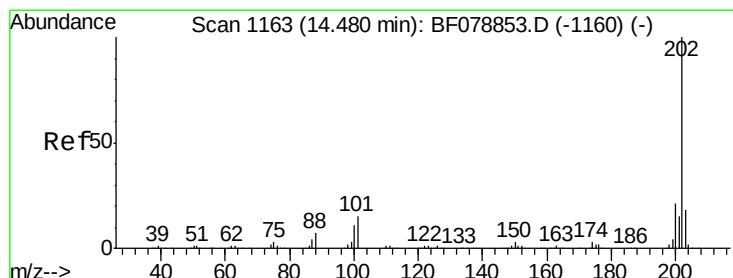
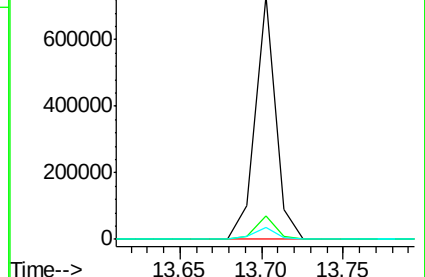
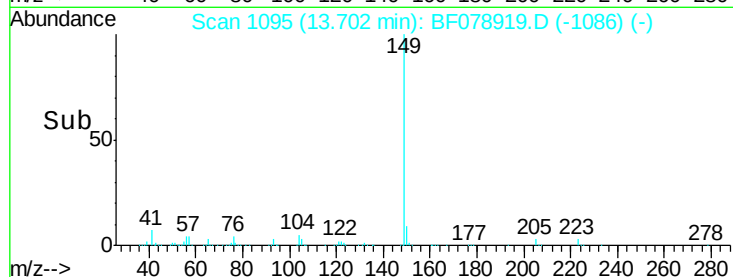
104 4.8 4.6 7.0



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: 33.57 ng

RT: 14.47 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

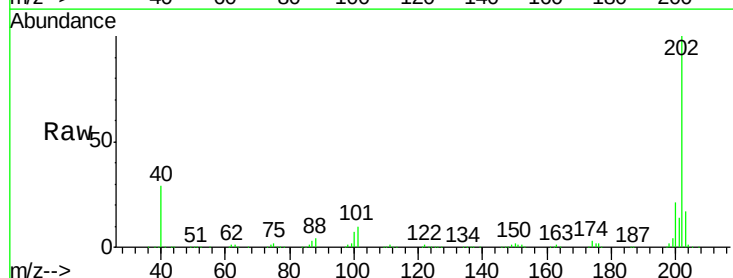
Tgt Ion:202 Resp: 592286

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.6

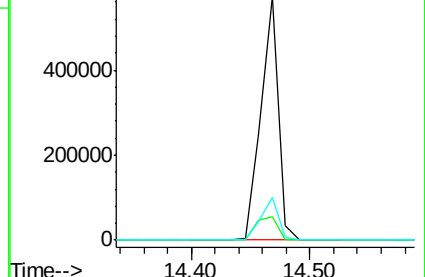
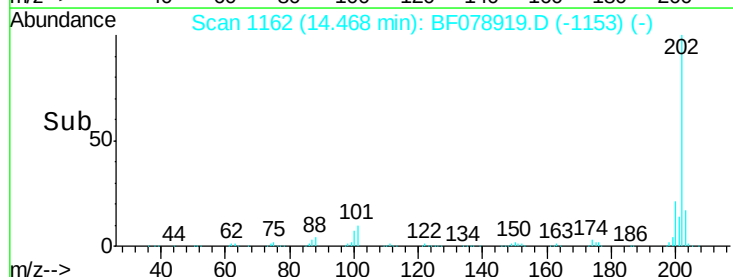
203 17.4 0.0 38.4

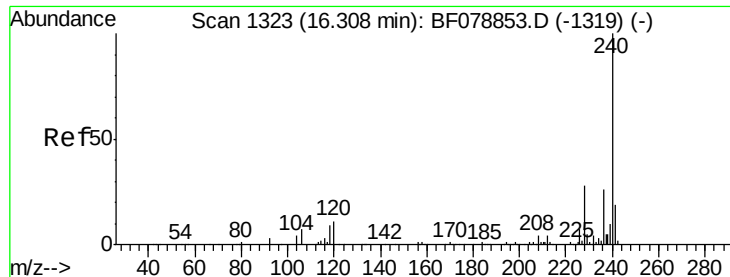


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.06 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

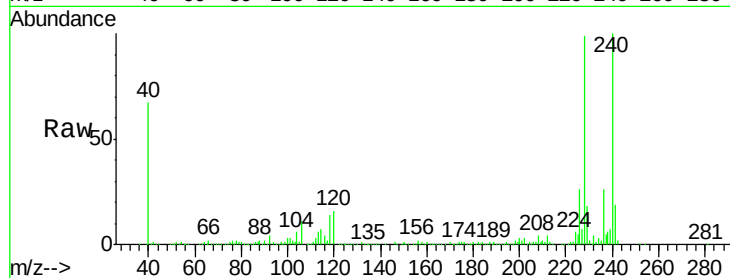
Tgt Ion:240 Resp: 305823

Ion Ratio Lower Upper

240 100

120 16.0 9.7 14.5#

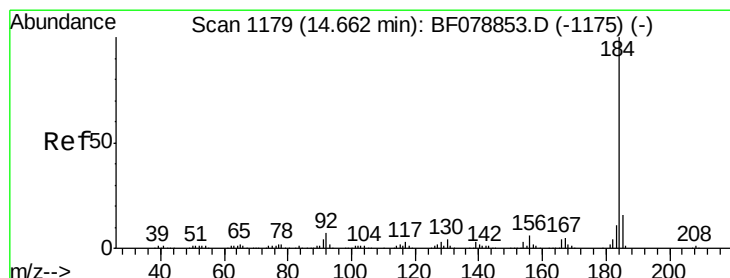
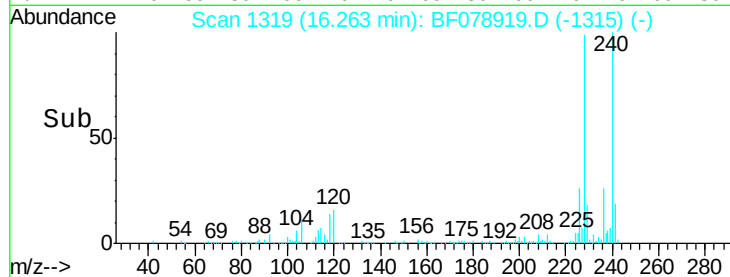
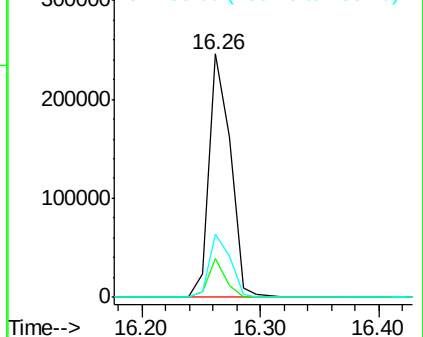
236 26.0 20.2 30.4



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: 14.59 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

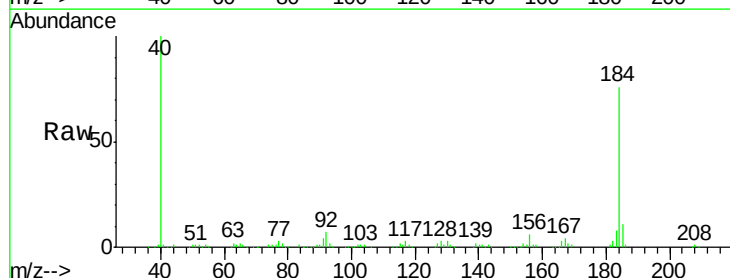
Tgt Ion:184 Resp: 120231

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

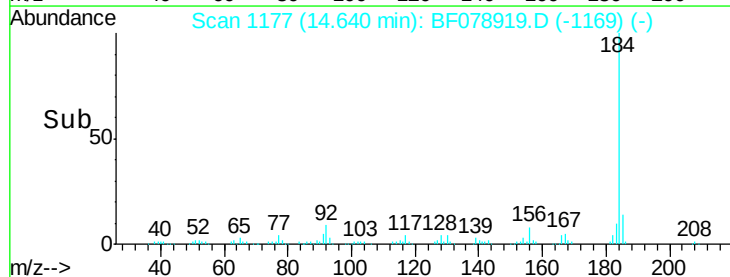
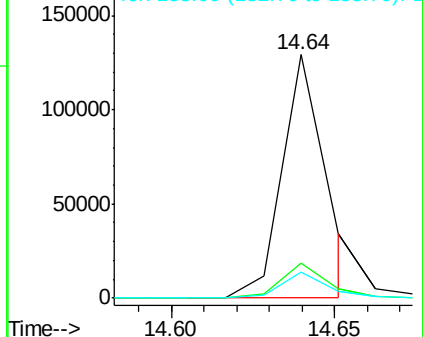
183 10.5 8.4 12.6

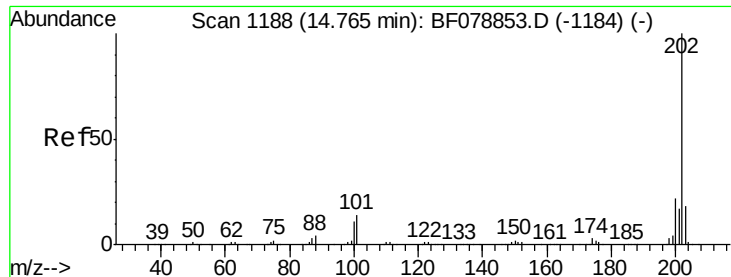


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.89 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

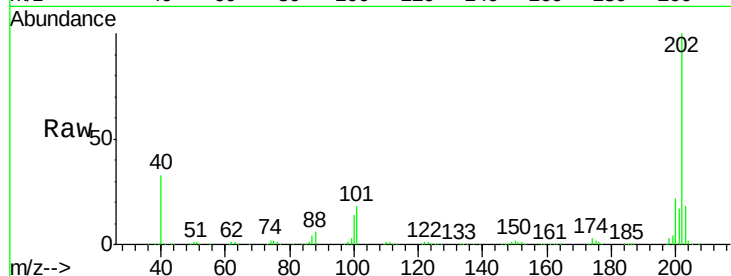
Tgt Ion: 202 Resp: 597254

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

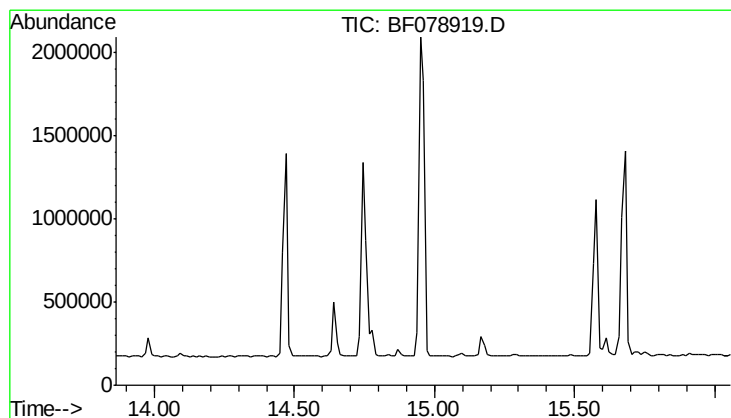
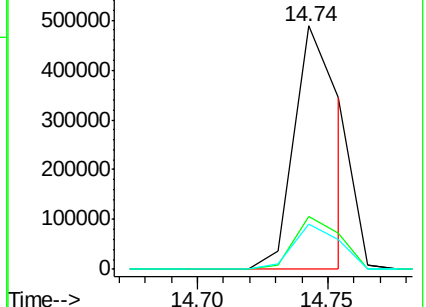
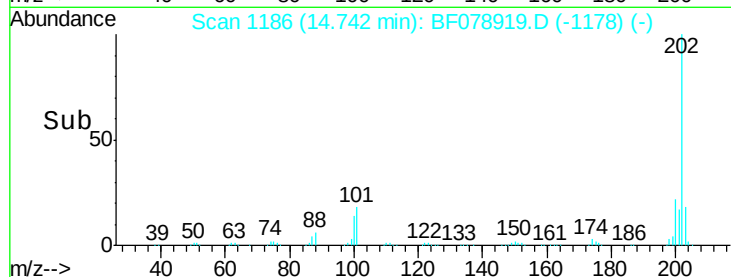
203 18.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.96 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

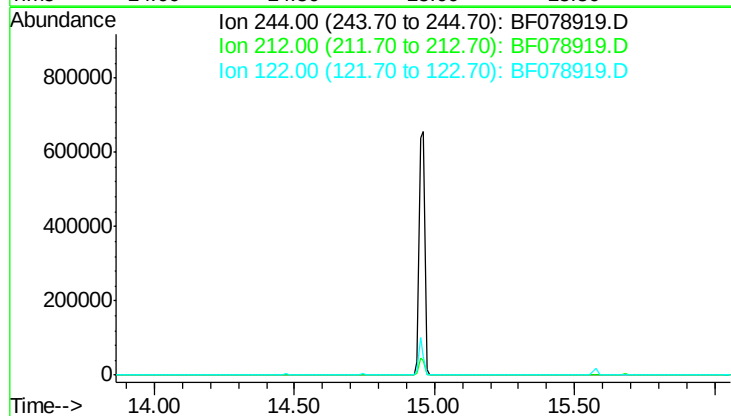
Tgt Ion: 244

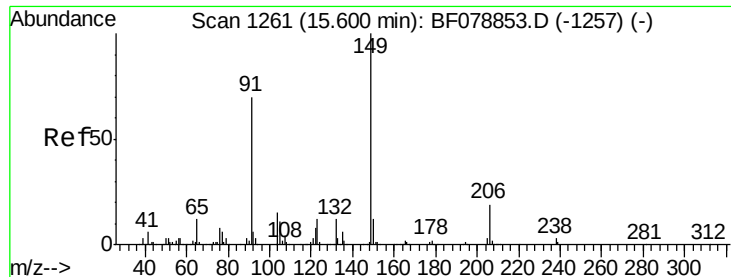
Sig Exp Ratio

244 100

212 7.0

122 12.9

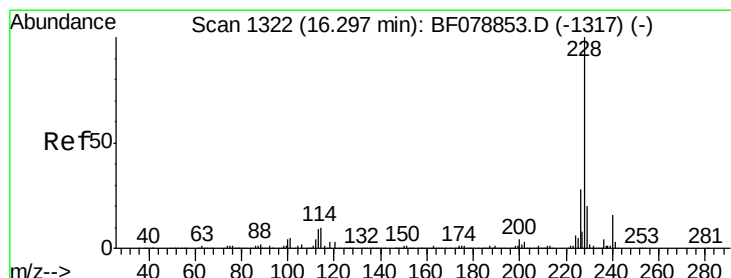
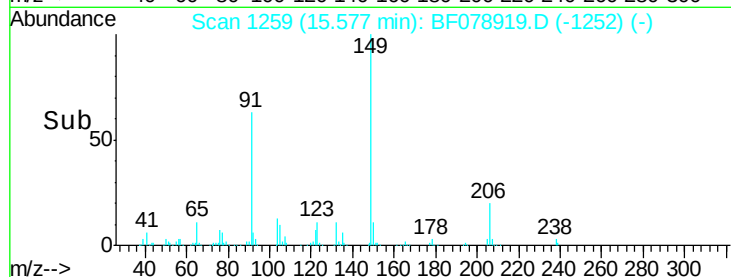
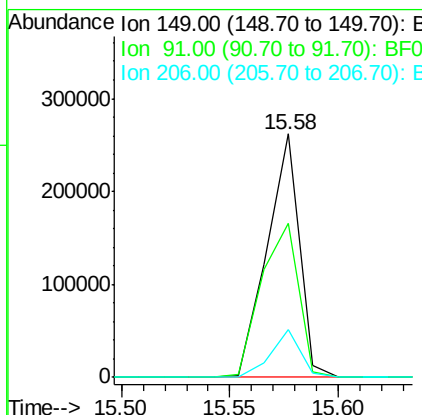
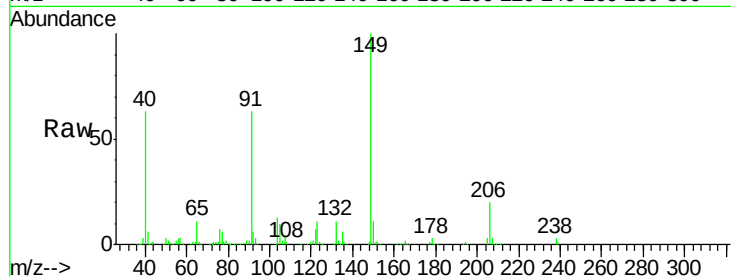




#79
 Butylbenzylphthalate
 Concen: 35.62 ng
 RT: 15.58 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

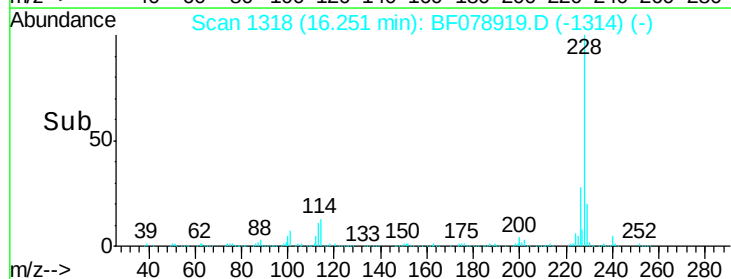
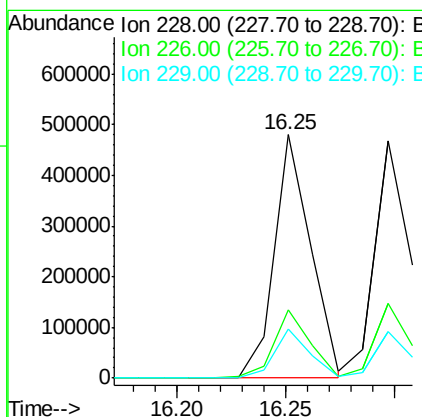
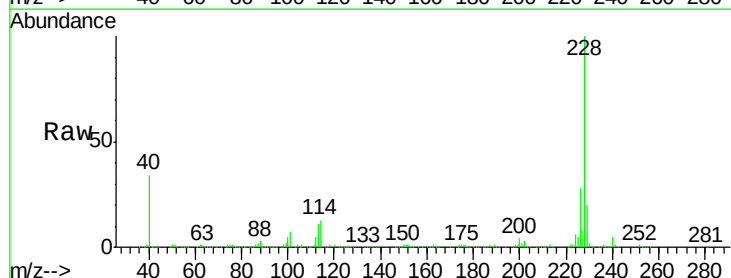
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

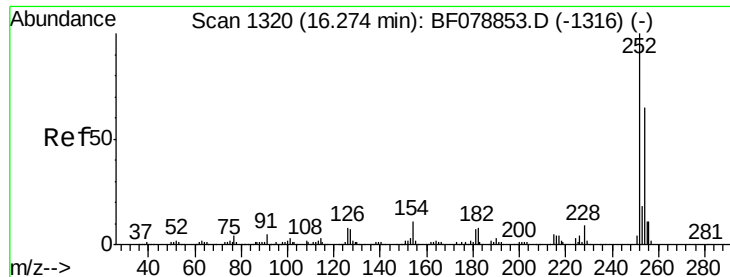
Tgt Ion:	149	Resp:	274385
Ion Ratio	Lower	Upper	
149	100		
91	63.4	64.6	97.0#
206	19.6	12.2	18.4#



#80
 Benzo(a)anthracene
 Concen: 33.53 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.06 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion:	228	Resp:	561606
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	20.2	15.9	23.9

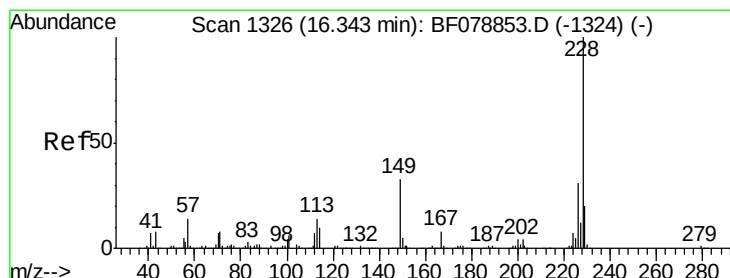
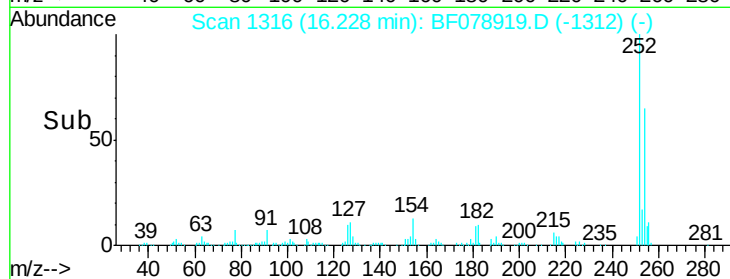
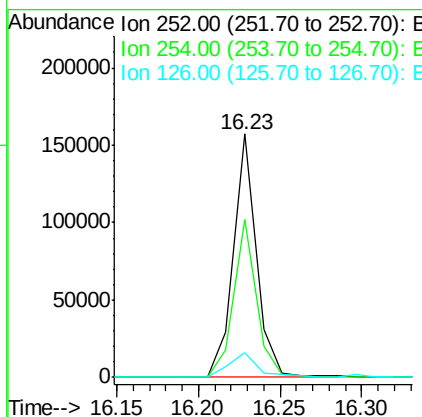
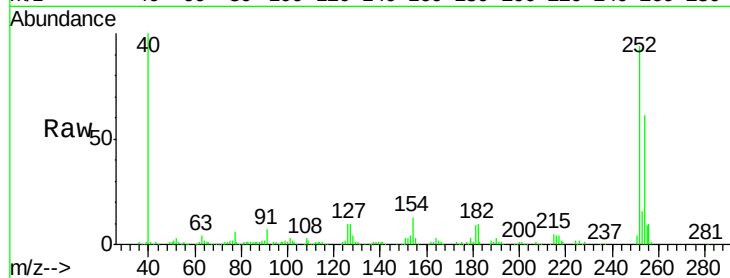




#81
 3,3'-Dichlorobenzidine
 Concen: 25.69 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.06 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

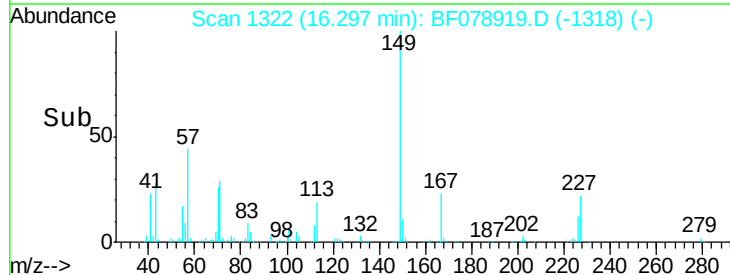
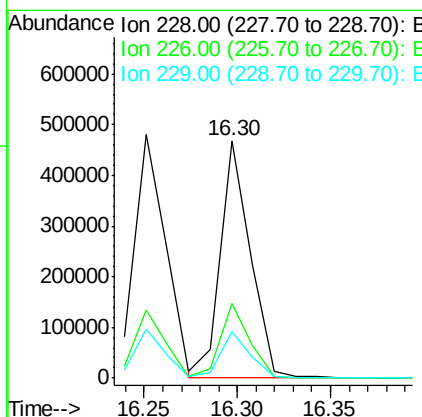
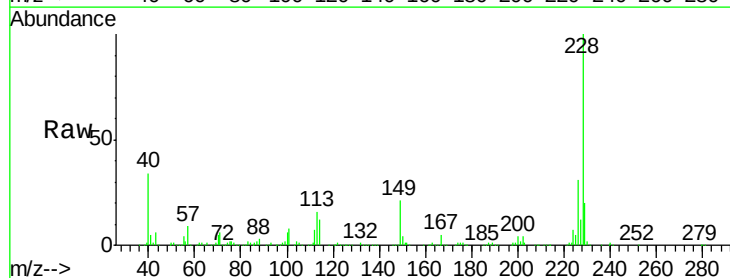
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

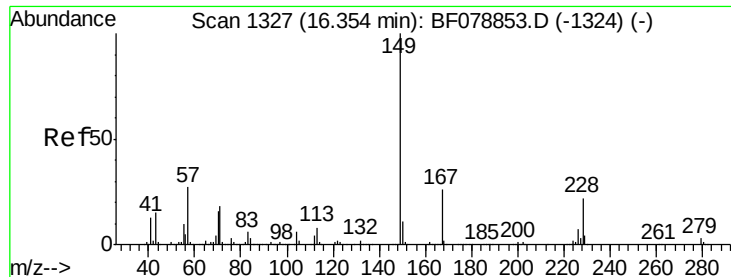
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	10.4	6.6	10.0



#82
 Chrysene
 Concen: 32.44 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.06 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	19.7	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.83 ng

RT: 16.31 min Scan# 1323

Delta R.T. -0.06 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

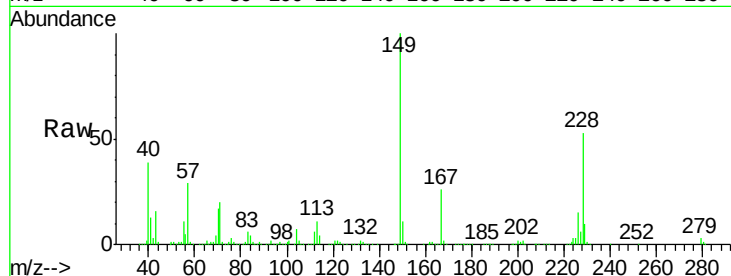
Tgt Ion:149 Resp: 418124

Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

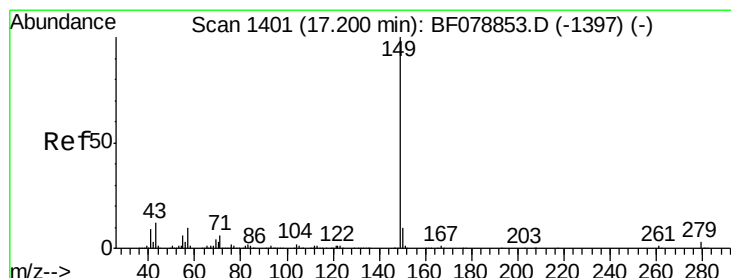
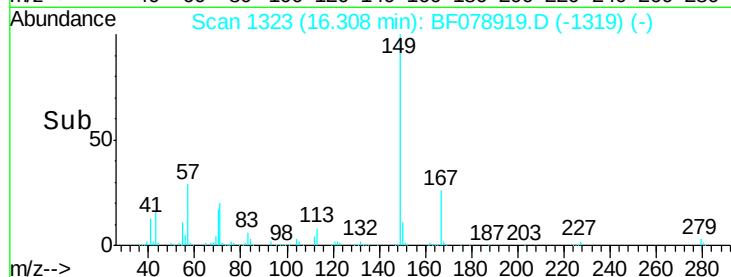
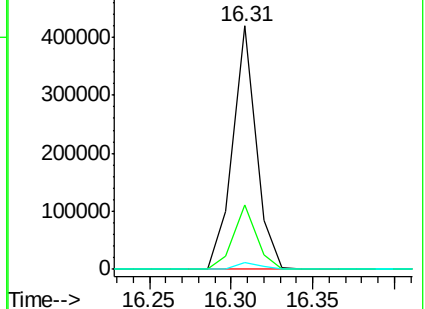
279 2.9 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.50 ng

RT: 17.13 min Scan# 1395

Delta R.T. -0.11 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

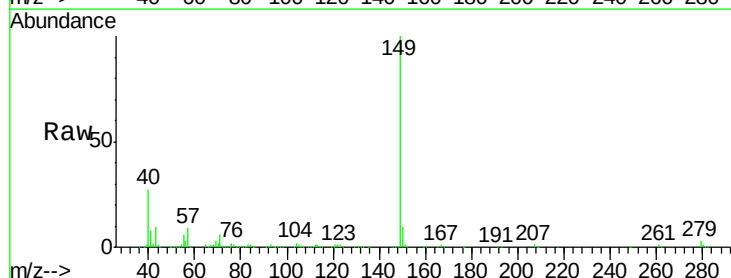
Tgt Ion:149 Resp: 688453

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

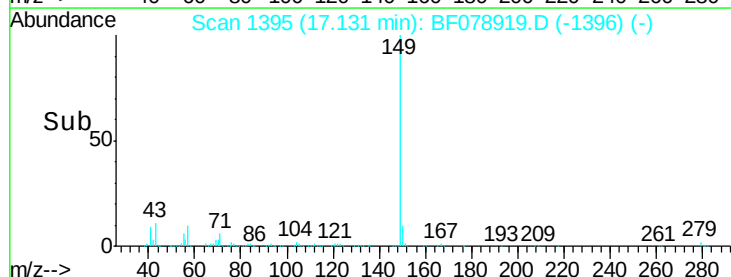
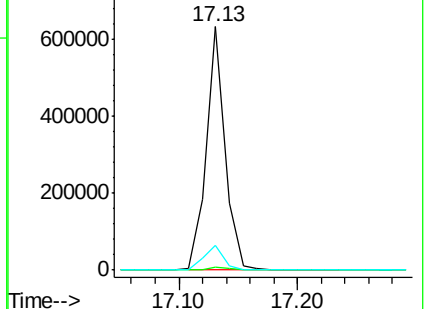
43 10.6 0.0 0.0#

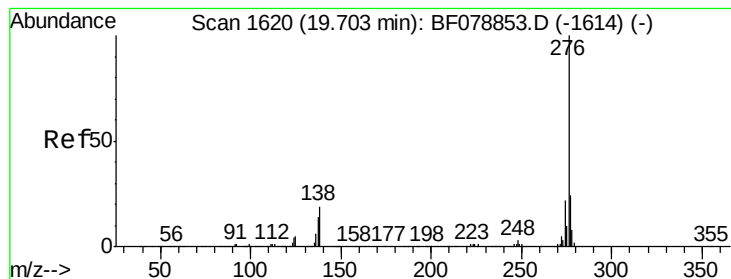


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.26 ng

RT: 19.58 min Scan# 1609

Delta R.T. -0.19 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD

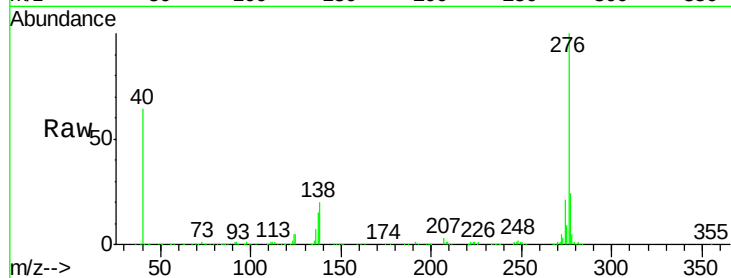
Tgt Ion: 276 Resp: 641478

Ion Ratio Lower Upper

276 100

138 25.3 0.0 0.0#

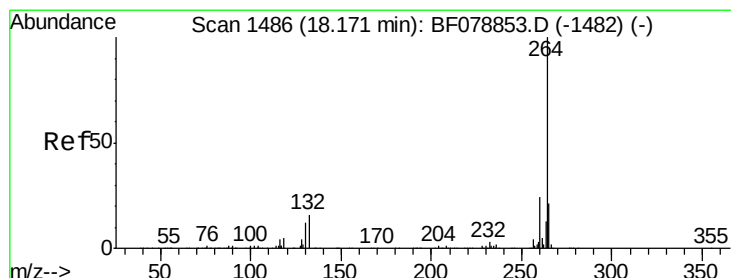
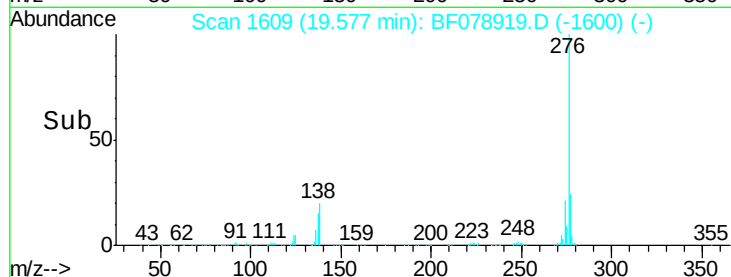
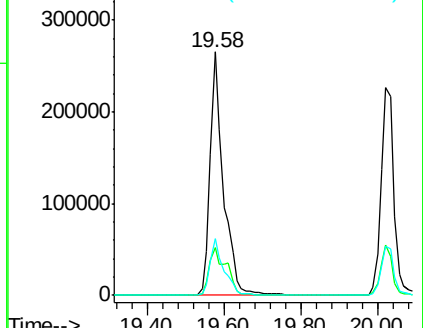
277 24.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.07 min Scan# 1477

Delta R.T. -0.17 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

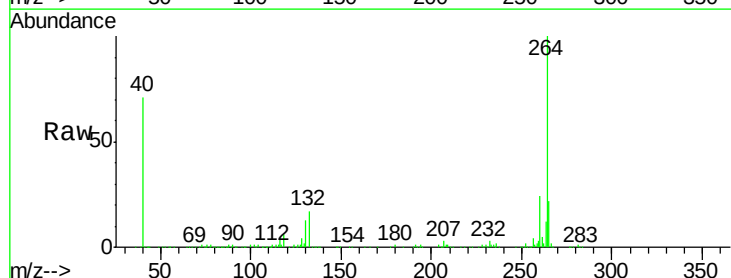
Tgt Ion: 264 Resp: 309413

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

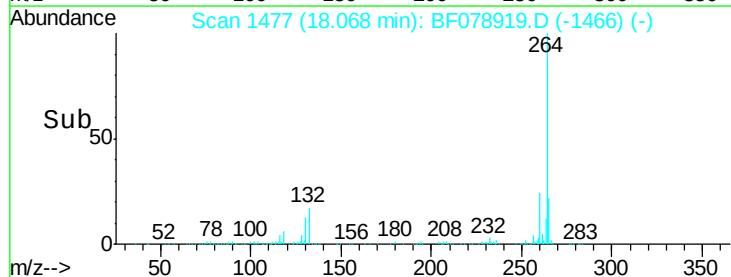
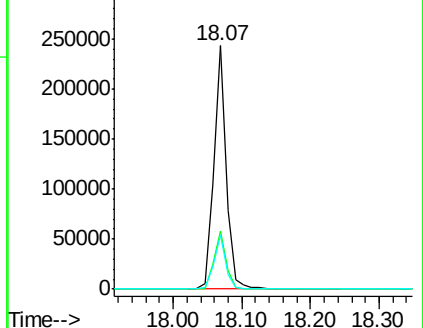
265 22.3 18.3 27.5

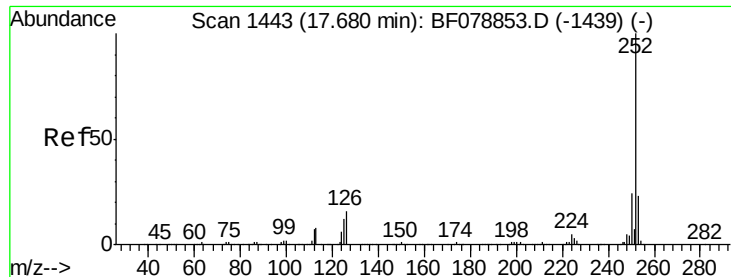


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

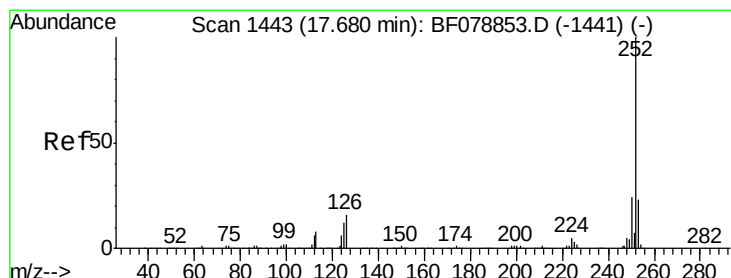
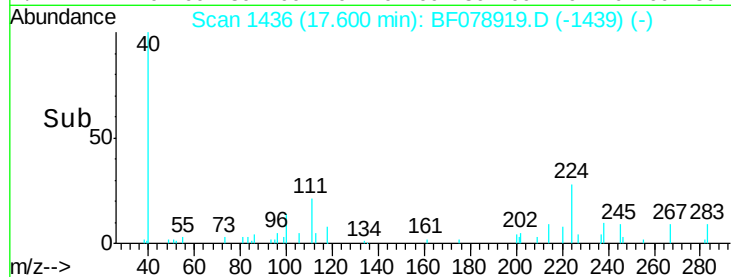
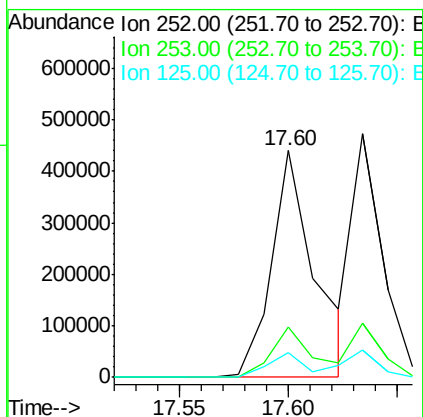
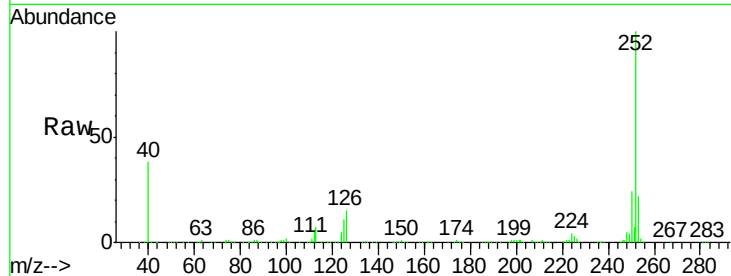




#87
Benzo(b)fluoranthene
Concen: 36.13 ng
RT: 17.60 min Scan# 1436
Delta R.T. -0.14 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

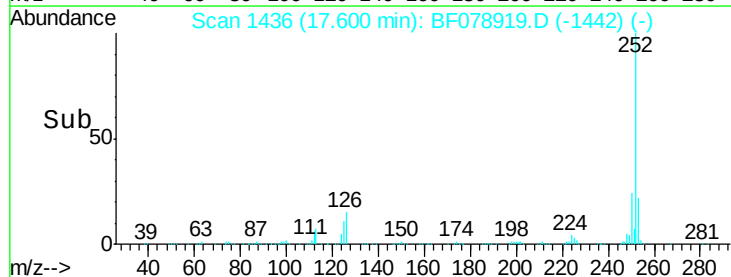
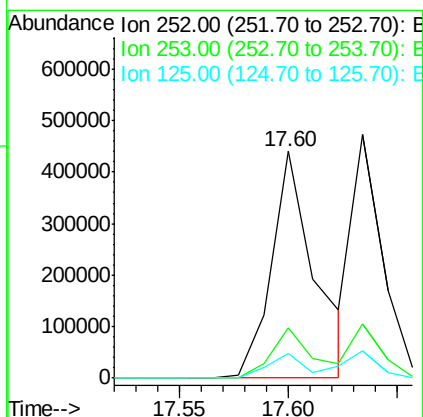
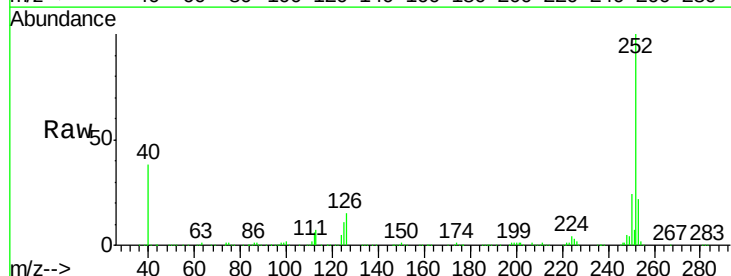
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

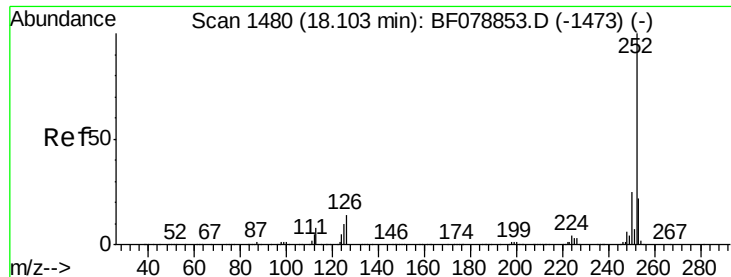
Tgt Ion:252 Resp: 611876
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.0 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 37.32 ng
RT: 17.60 min Scan# 1436
Delta R.T. -0.17 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion:252 Resp: 611876
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.0 10.0 15.0

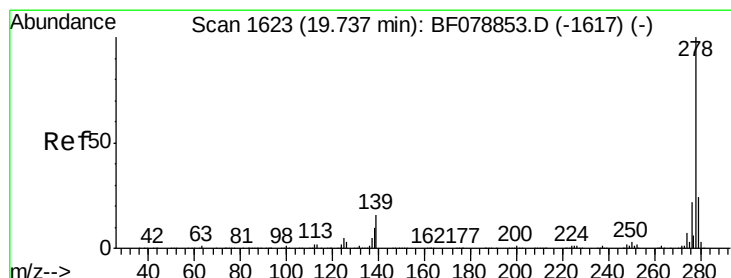
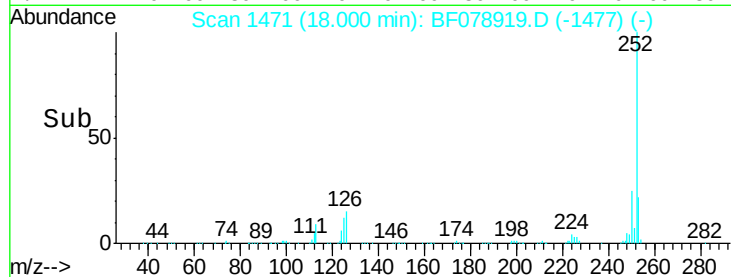
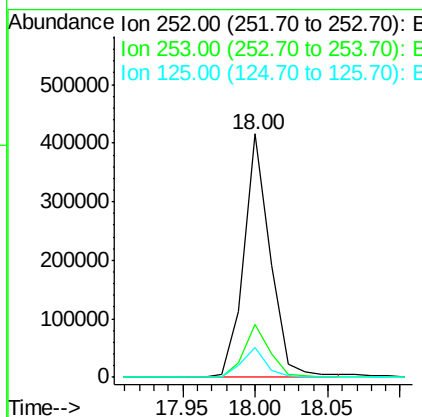
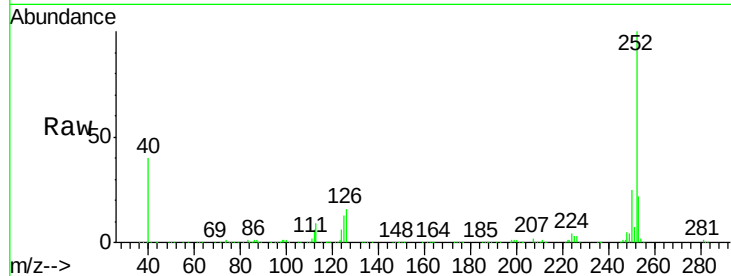




#89
Benzo(a)pyrene
Concen: 33.61 ng
RT: 18.00 min Scan# 1471
Delta R.T. -0.17 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

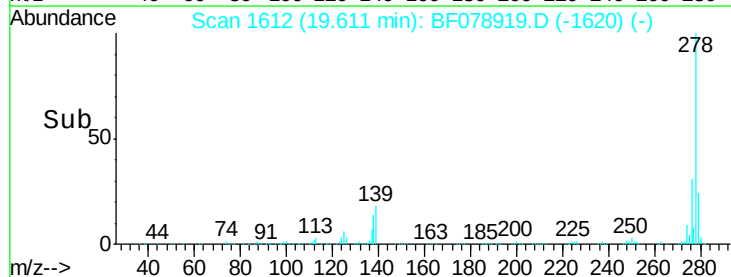
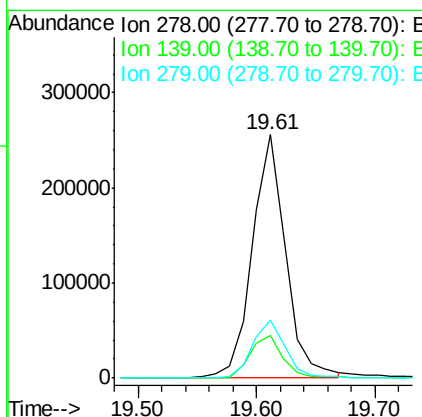
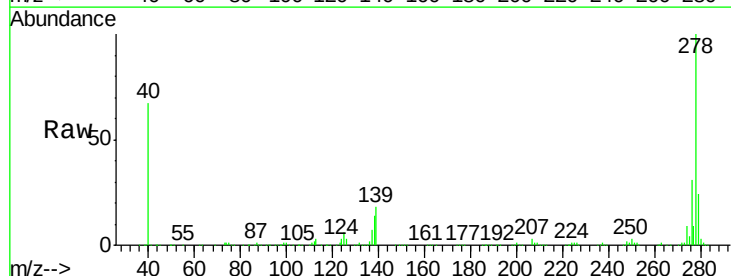
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

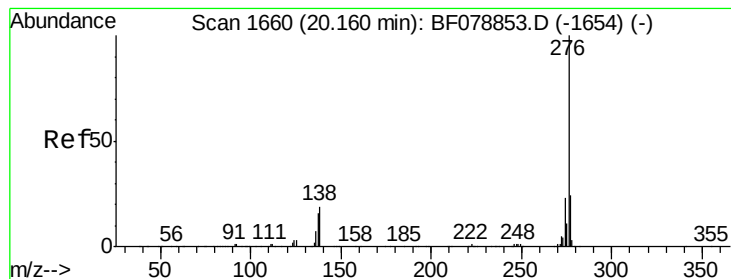
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	12.5	7.0	10.6



#90
Dibenzo(a,h)anthracene
Concen: 30.53 ng
RT: 19.61 min Scan# 1612
Delta R.T. -0.19 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.8	19.2
279	24.0	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 31.33 ng

RT: 20.02 min Scan# 1648

Delta R.T. -0.21 min

Lab File: BF078919.D

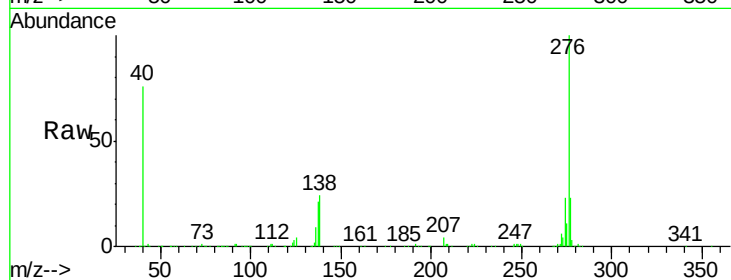
Acq: 4 May 2015 15:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-BB1-BB2MSD



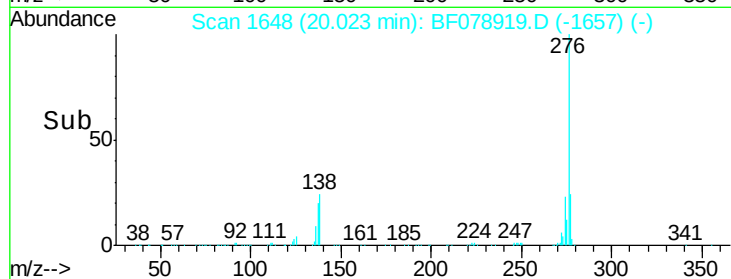
Tgt Ion: 276 Resp: 520362

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 24.2 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

