

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 02:06:12 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	14.96	244	923464m	72.29	ng	0.00

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	79294m	34.51	ng	
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

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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	nq	96
43) 2,4,5-Trichlorophenol	10.20	196	102815	34.18	nq	# 92
45) 1,1'-Biphenyl	10.40	154	411852	33.71	nq	100
46) 2-Chloronaphthalene	10.42	162	320053	33.59	nq	98
47) 2-Nitroaniline	10.55	65	94792	34.33	nq	94
48) Acenaphthylene	10.94	152	522968	33.43	nq	99
49) Dimethylphthalate	10.79	163	418789	37.13	nq	100
50) 2,6-Dinitrotoluene	10.86	165	75898	34.10	nq	93
51) Acenaphthene	11.15	154	306646	32.87	nq	98
52) 3-Nitroaniline	11.06	138	68047	24.48	nq	# 98
53) 2,4-Dinitrophenol	11.19	184	48176	61.08	nq	# 88
54) Dibenzofuran	11.37	168	470259	34.90	nq	95
55) 4-Nitrophenol	11.26	139	146386	66.52	nq	# 71
56) 2,4-Dinitrotoluene	11.35	165	101937	34.65	nq	93
57) Fluorene	11.79	166	376745	34.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	82648	33.62	nq	# 100
59) Diethylphthalate	11.67	149	380428	34.05	nq	99
60) 4-Chlorophenyl-phenylether	11.80	204	163167	33.25	nq	94
61) 4-Nitroaniline	11.82	138	94225	33.88	nq	94
62) Azobenzene	12.00	77	386729	35.13	nq	94
64) 4,6-Dinitro-2-methylphenol	11.85	198	37065	33.55	nq	98
65) n-Nitrosodiphenylamine	11.94	169	323032	32.05	nq	98
66) 4-Bromophenyl-phenylether	12.41	248	104599	33.16	nq	92
67) Hexachlorobenzene	12.47	284	116280	32.25	nq	# 86
68) Atrazine	12.62	200	105876	36.13	nq	98
69) Pentachlorophenol	12.72	266	122479	59.94	nq	97
70) Phenanthrene	12.98	178	528613	31.22	nq	99
71) Anthracene	13.05	178	543280	32.71	nq	99
72) Carbazole	13.26	167	555278	35.08	nq	98
73) Di-n-butylphthalate	13.70	149	635013	33.45	nq	99
74) Fluoranthene	14.47	202	592286	33.57	nq	94
76) Benzidine	14.64	184	128542m	15.60	nq	
77) Pyrene	14.74	202	605293m	34.35	nq	
79) Butylbenzylphthalate	15.58	149	274385	35.62	nq	# 82
80) Benzo(a)anthracene	16.25	228	561606	33.53	nq	99
81) 3,3'-Dichlorobenzidine	16.23	252	153279	25.69	nq	# 98
82) Chrysene	16.30	228	522579	32.44	nq	100
83) Bis(2-ethylhexyl)phthalate	16.31	149	418124	35.83	nq	98
84) Di-n-octyl phthalate	17.13	149	688453	33.50	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.58	276	641478	31.26	nq	# 100
87) Benzo(b)fluoranthene	17.60	252	611876	36.13	nq	99
88) Benzo(k)fluoranthene	17.63	252	472563m	28.82	nq	
89) Benzo(a)pyrene	18.00	252	524105	33.61	nq	# 96
90) Dibenzo(a,h)anthracene	19.61	278	506006	30.53	nq	98
91) Benzo(g,h,i)perylene	20.02	276	520362	31.33	nq	97

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

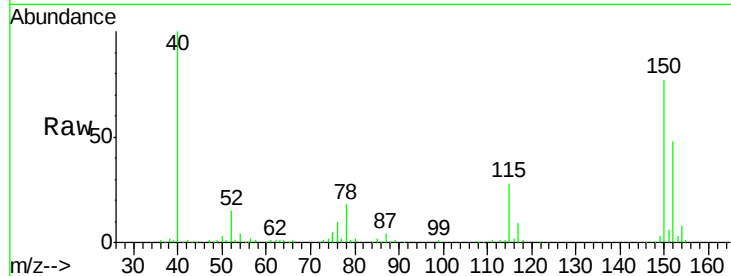


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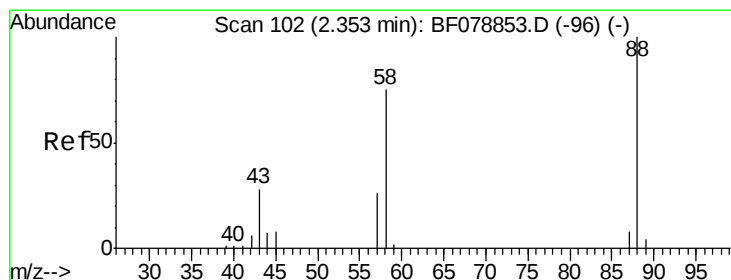
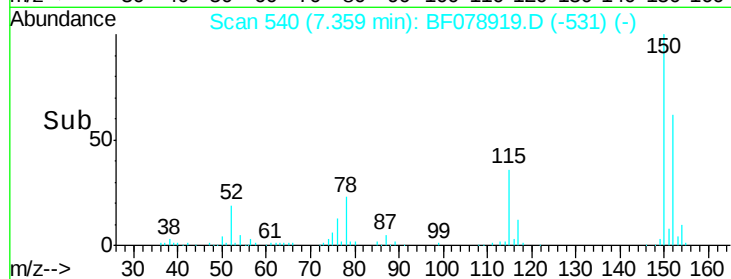
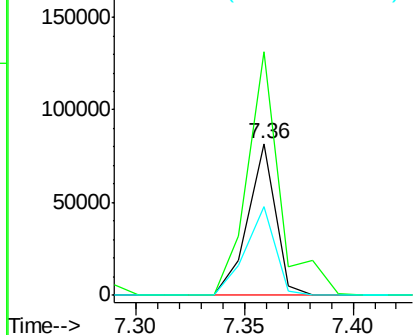
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

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

Tot Ion:152 Resp: 72550
Ion Ratio Lower Upper
152 100
150 160.5 122.0 183.0
115 58.5 46.3 69.5



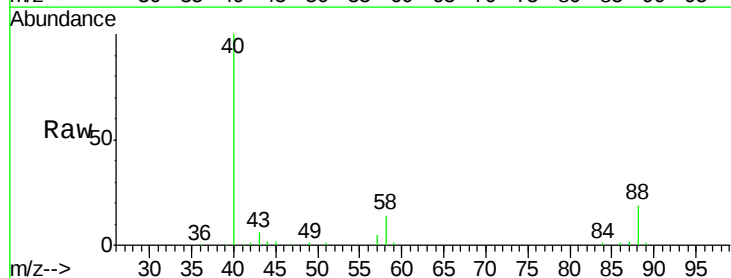
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



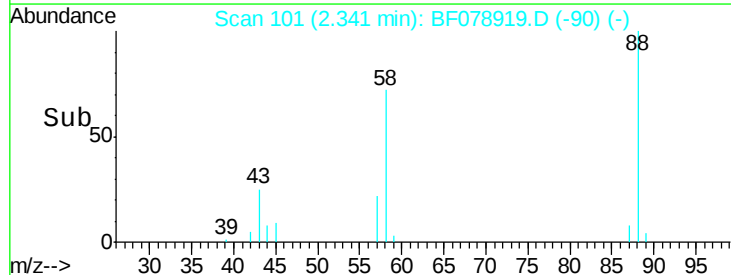
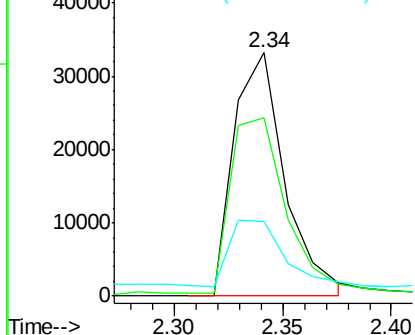
#2

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

Pvridine

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

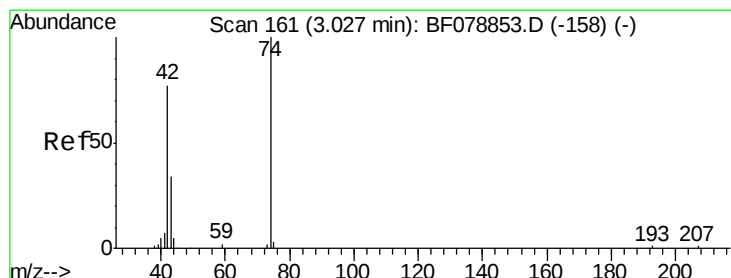
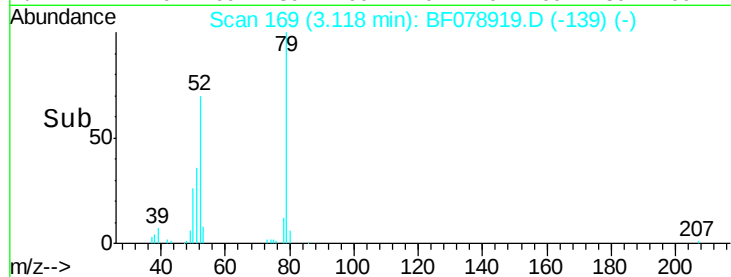
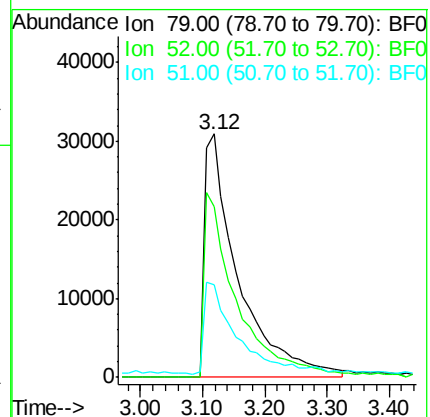
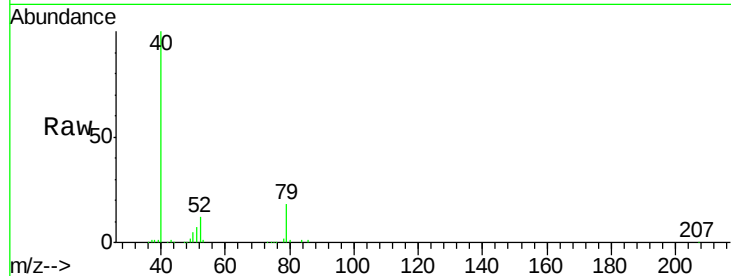
Tot Ion: 79 Resp: 116113

Ion Ratio Lower Upper

79 100

52 69.9 57.2 85.8

51 38.0 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 34.51 ng m

RT: 3.02 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

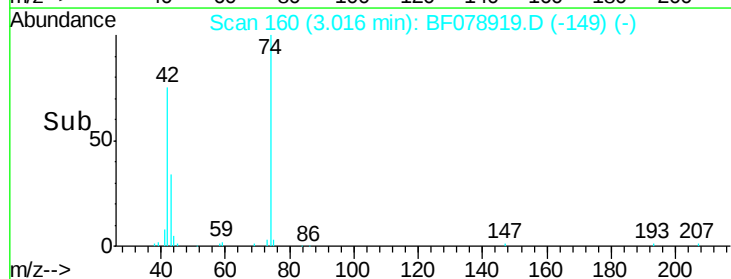
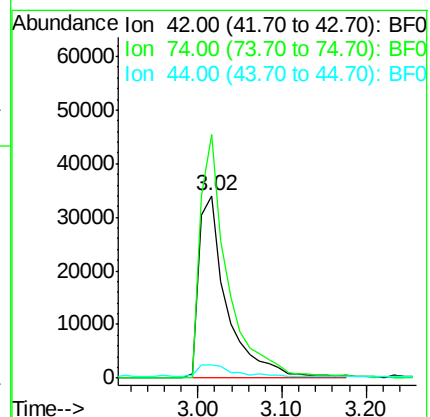
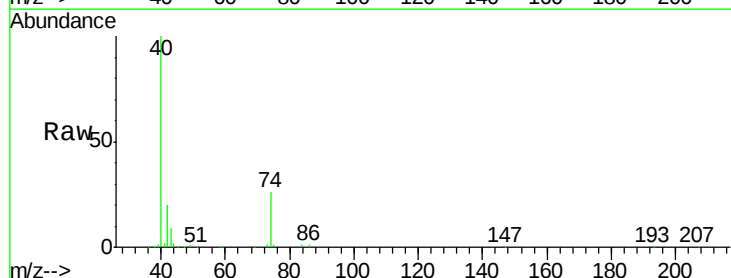
Tgt Ion: 42 Resp: 79294

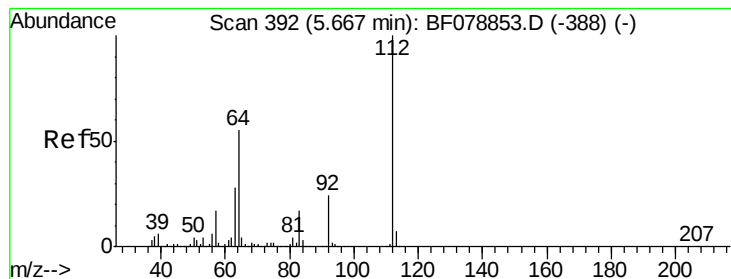
Ion Ratio Lower Upper

42 100

74 133.6 96.5 144.7

44 7.6 6.1 9.1

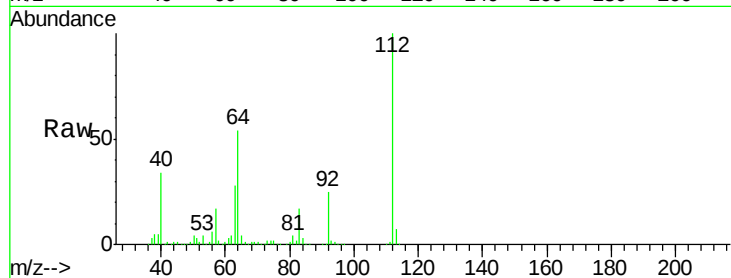




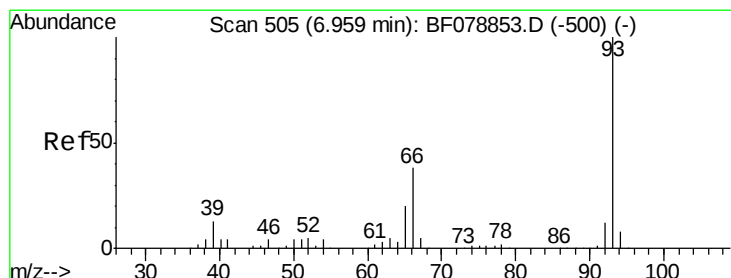
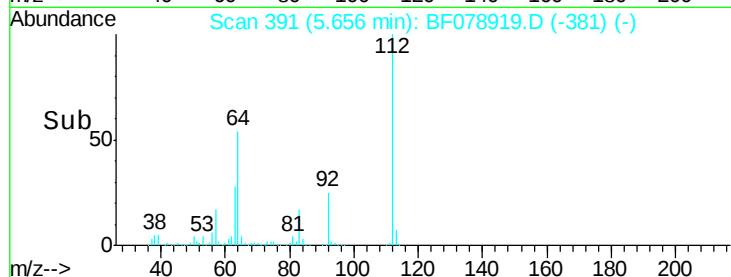
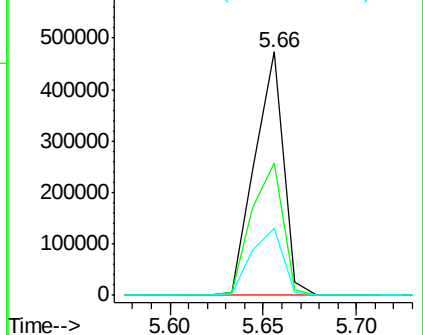
#5
 2-Fluorophenol
 Concen: 122.48 ng
 RT: 5.66 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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

Tot Ion:112 Resp: 516213
 Ion Ratio Lower Upper
 112 100
 64 54.5 53.5 80.3
 63 27.6 27.5 41.3

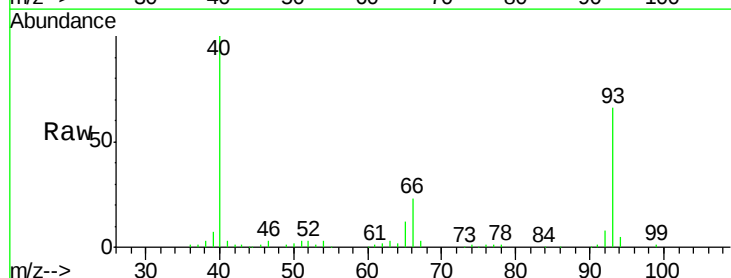


Abundance Ion 112.00 (111.70 to 112.70): BF078919.D (-495) (-)
 Ion 64.00 (63.70 to 64.70): BF078919.D (-495) (-)
 Ion 63.00 (62.70 to 63.70): BF078919.D (-495) (-)

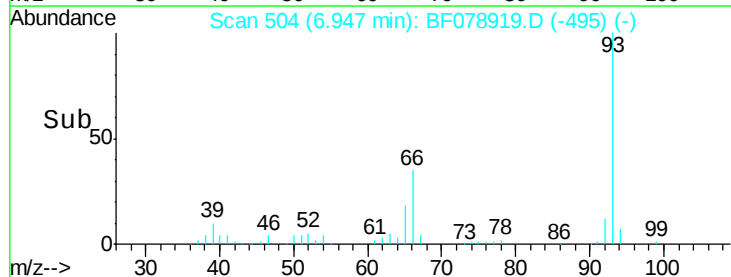
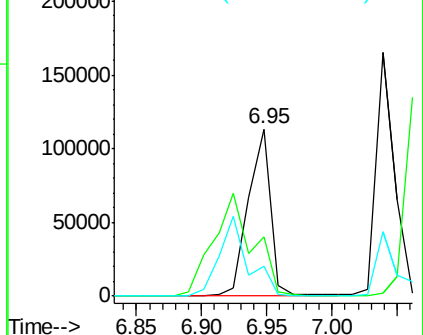


#6
 Aniline
 Concen: 17.41 ng
 RT: 6.95 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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): BF078919.D (-495) (-)
 Ion 66.00 (65.70 to 66.70): BF078919.D (-495) (-)
 Ion 65.00 (64.70 to 65.70): BF078919.D (-495) (-)





#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

Instrument :

BNA_F

ClientSampleId :

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

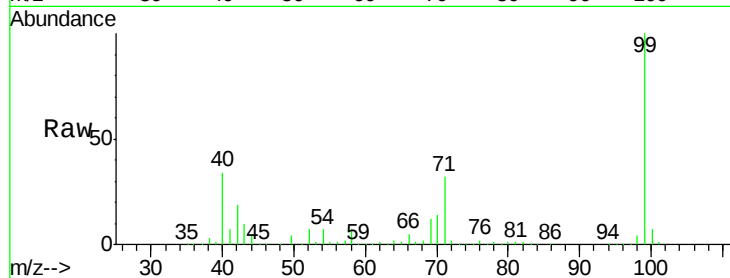
Tot Ion: 99 Resp: 654037

Ion Ratio Lower Upper

99 100

42 19.4 12.8 19.2#

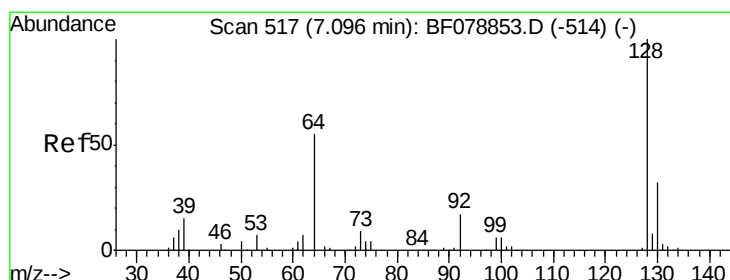
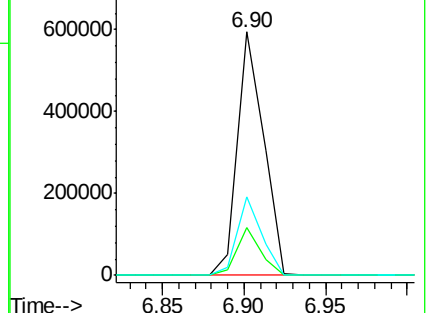
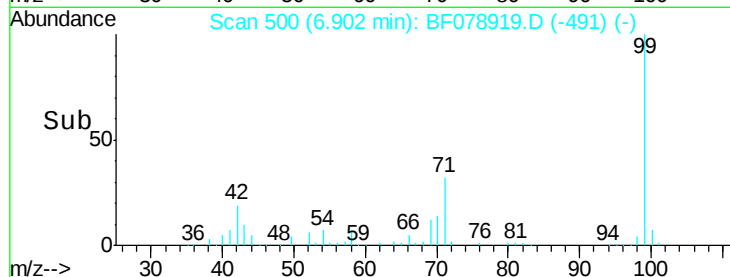
71 32.0 23.4 35.2



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

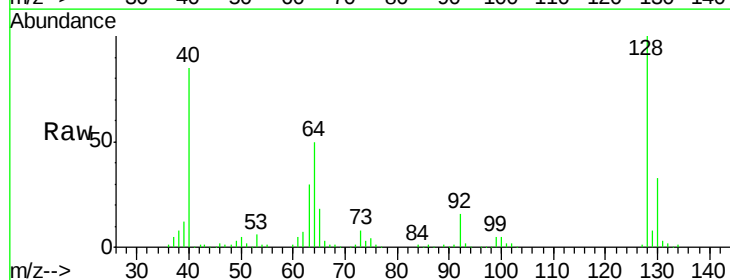
Tgt Ion: 128 Resp: 170552

Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

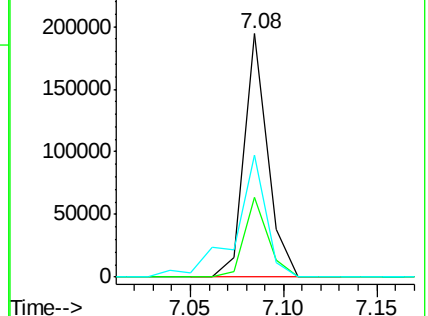
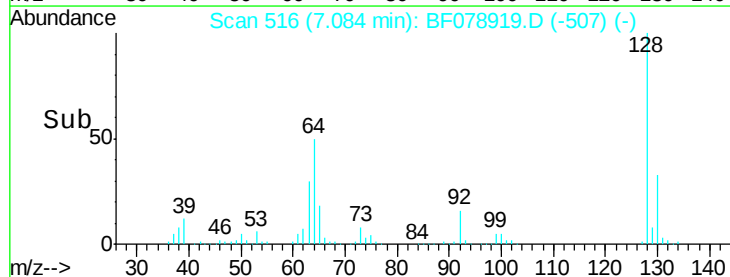
64 49.9 29.6 69.6

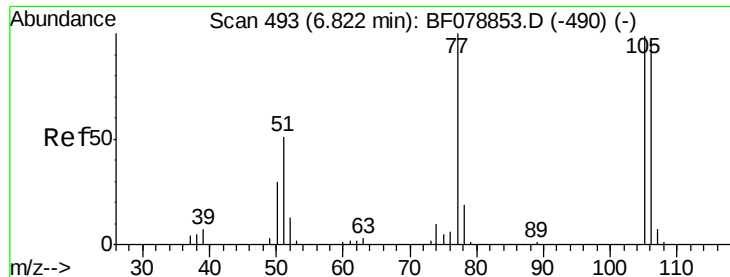


Abundance Ion 128.00 (127.70 to 128.70): E

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

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Instrument :

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ClientSampleId :

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

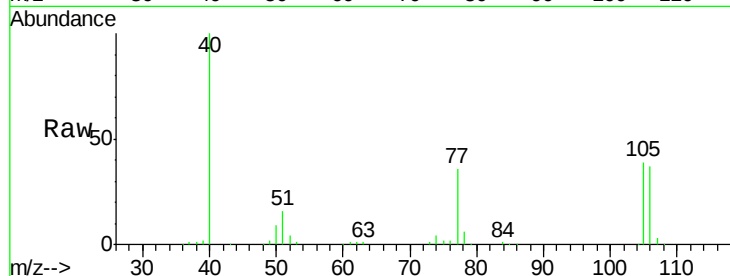
Tot Ion: 77 Resp: 79707

Ion Ratio Lower Upper

77 100

105 107.9 81.7 121.7

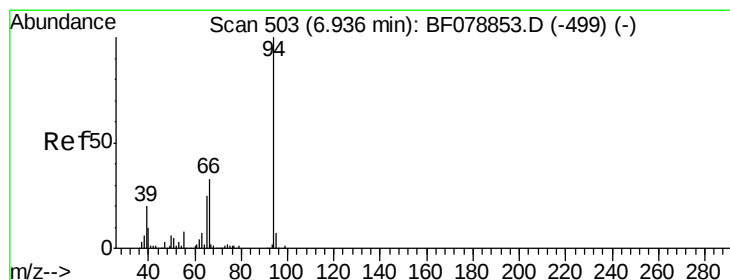
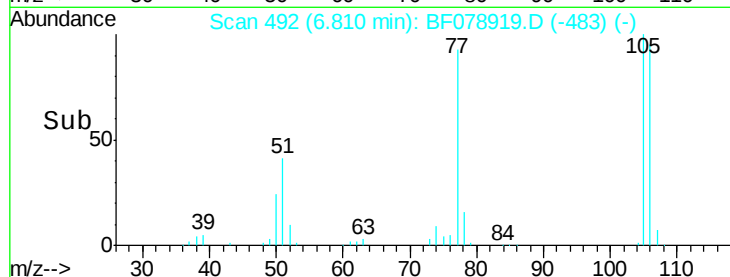
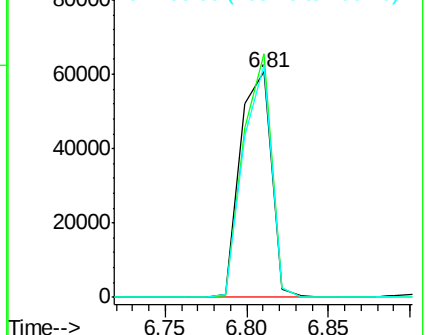
106 102.8 79.0 119.0



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

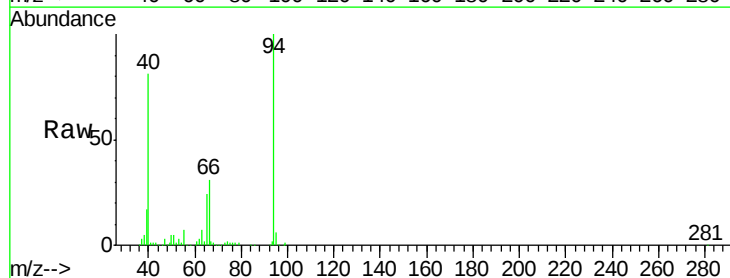
Tgt Ion: 94 Resp: 224109

Ion Ratio Lower Upper

94 100

65 23.9 8.5 48.5

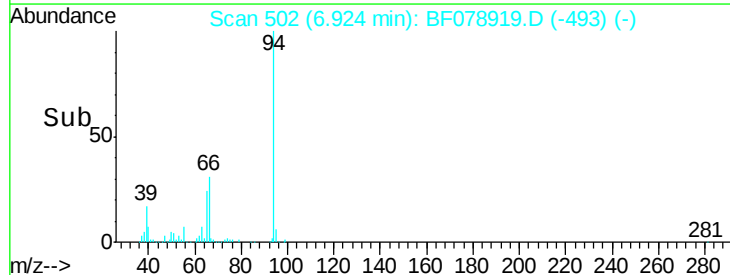
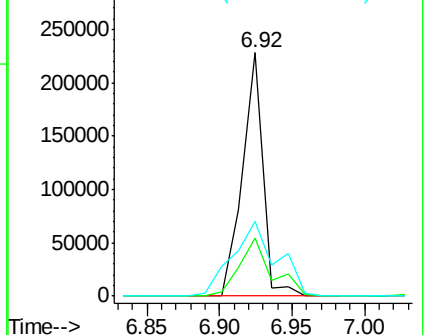
66 30.6 16.0 56.0

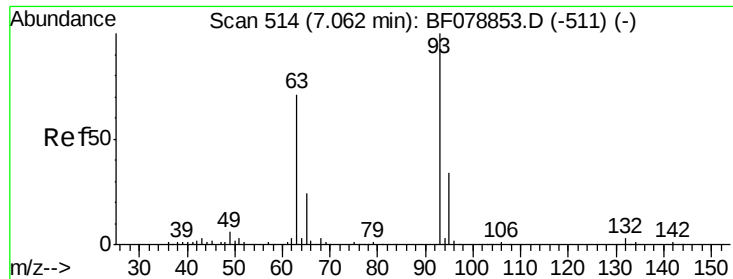


Abundance Ion 94.00 (93.70 to 94.70): BF0

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

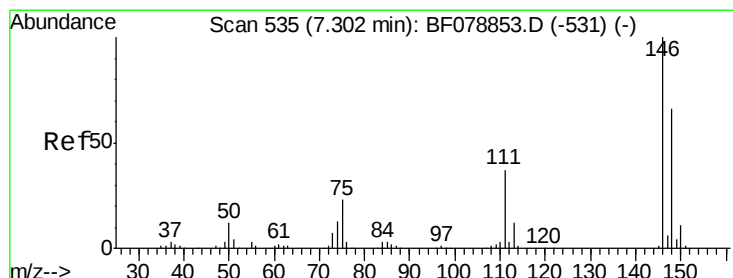
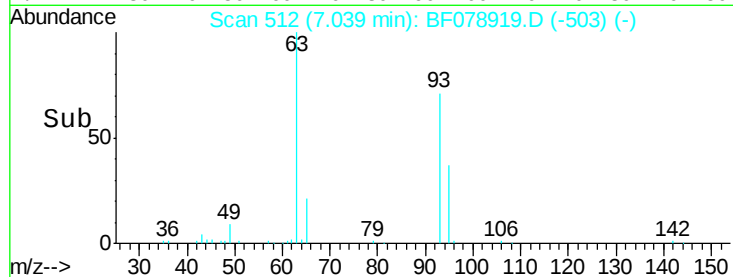
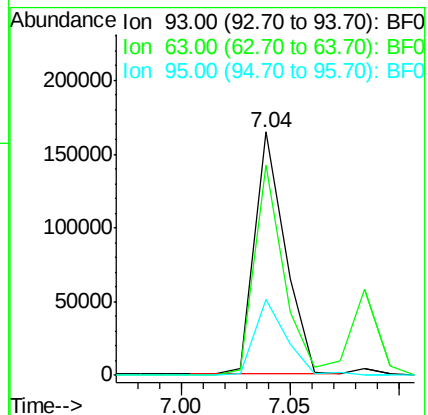
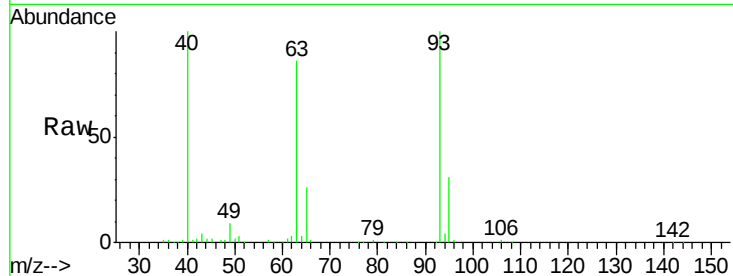
Tot Ion: 93 Resp: 160007

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

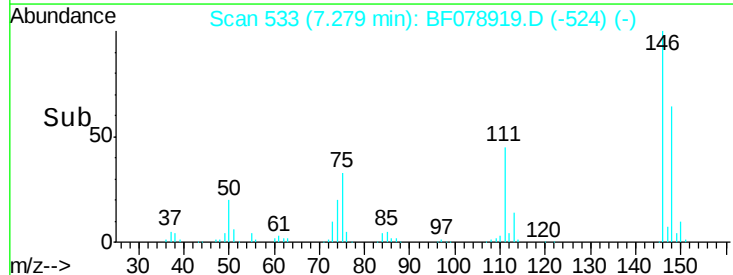
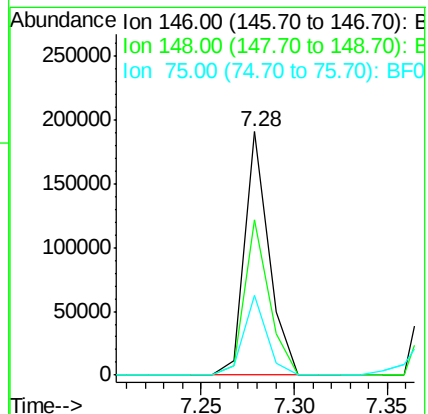
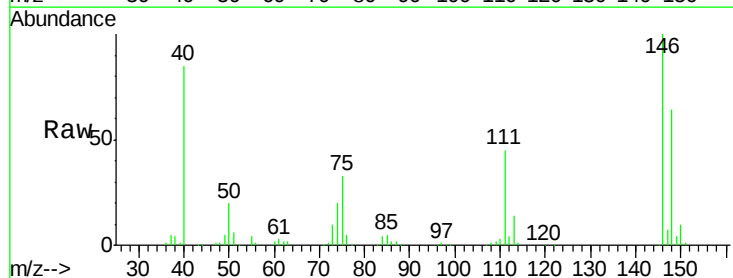
Tgt Ion: 146 Resp: 173637

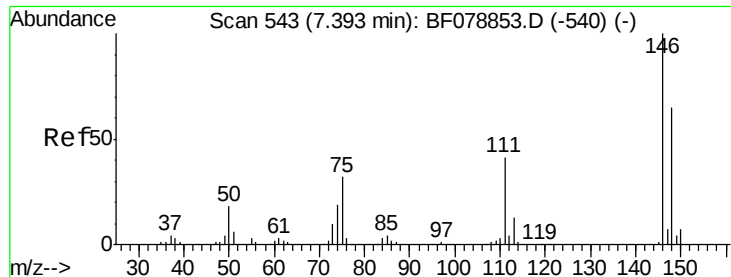
Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

75 33.0 29.2 43.8

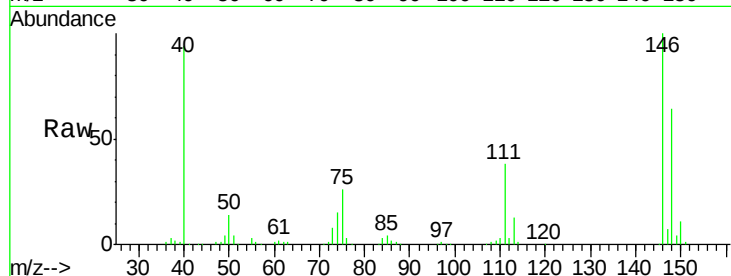




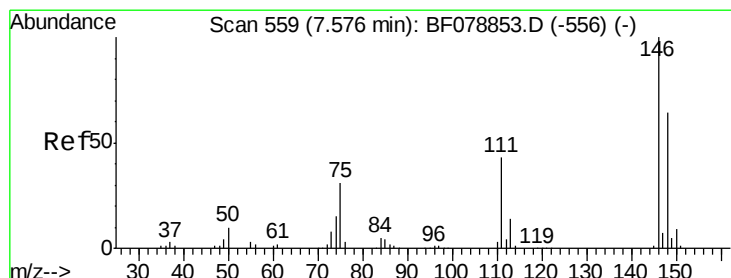
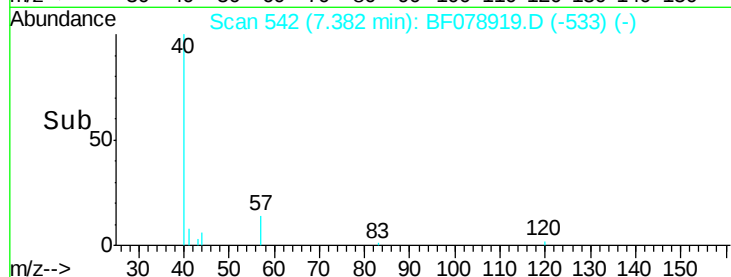
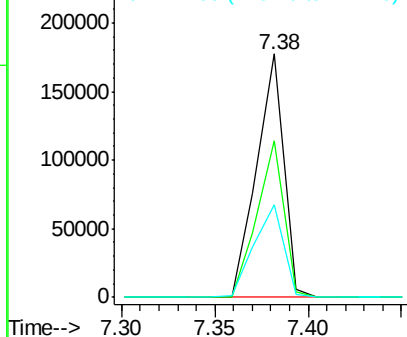
#13
 1,4-Dichlorobenzene
 Concen: 32.24 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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

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

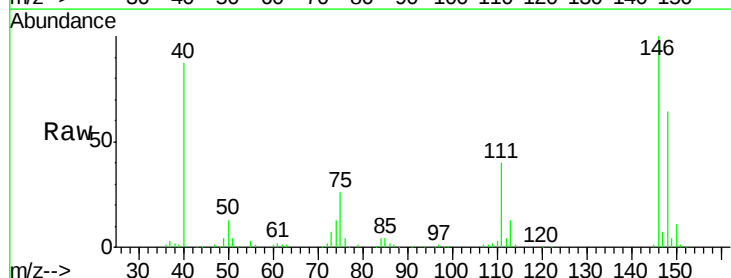


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

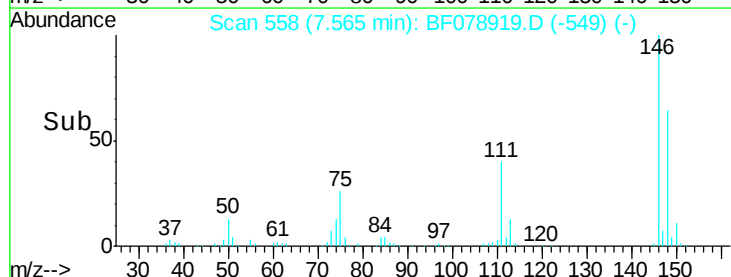
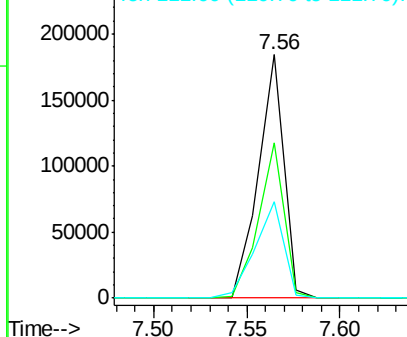


#14
 1,2-Dichlorobenzene
 Concen: 33.79 ng
 RT: 7.56 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

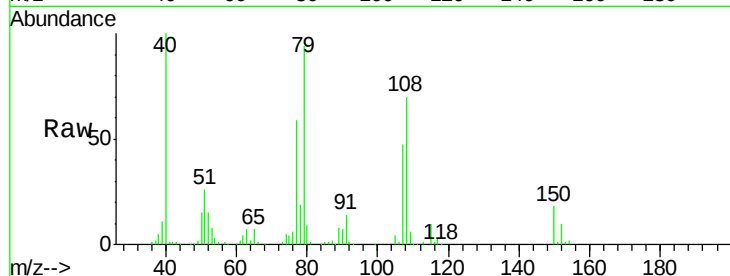
Tot Ion: 79 Resp: 146465

Ion Ratio Lower Upper

79 100

108 75.1 62.5 93.7

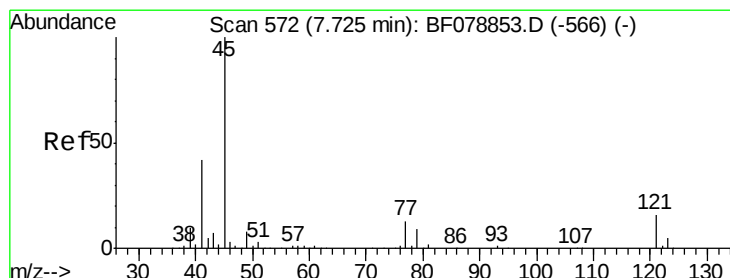
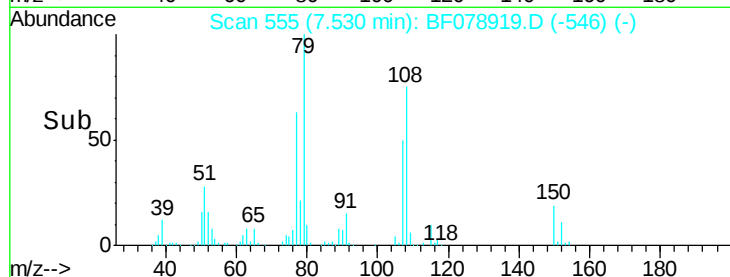
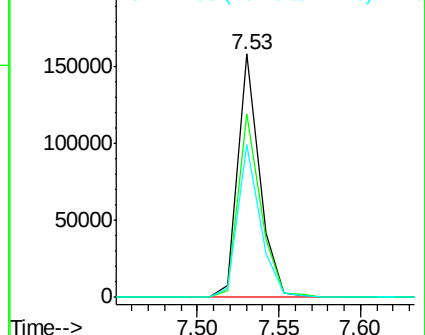
77 62.7 52.2 78.4



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

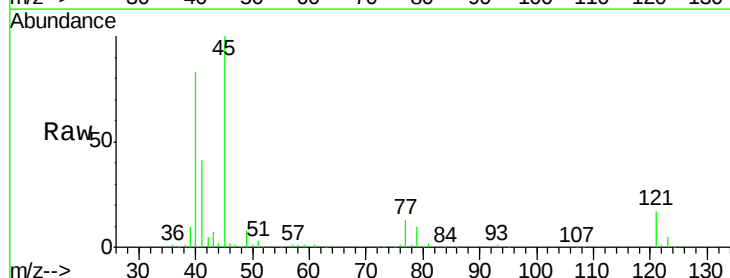
Tgt Ion: 45 Resp: 246759

Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.3

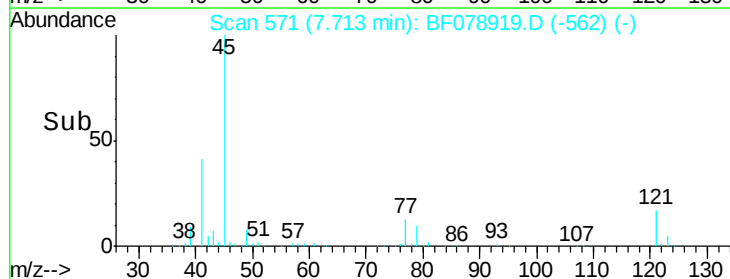
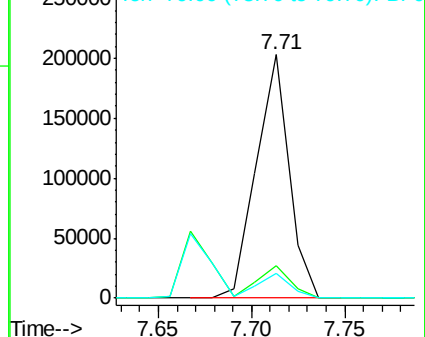
79 9.9 0.0 30.1

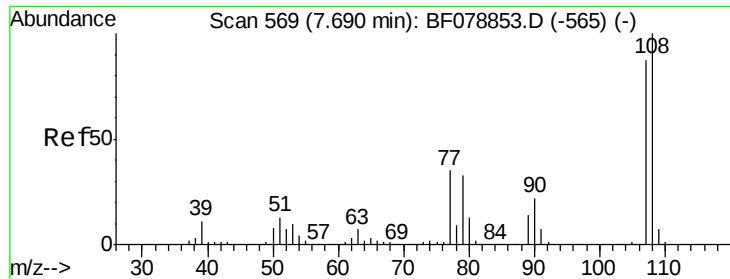


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

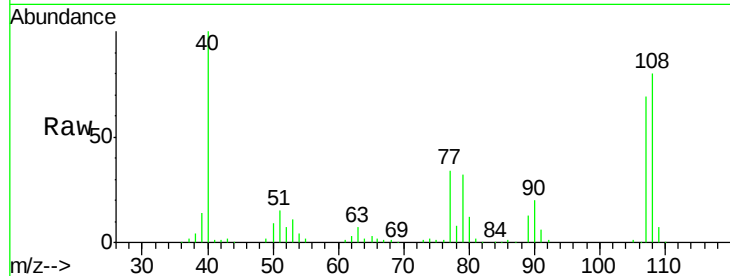




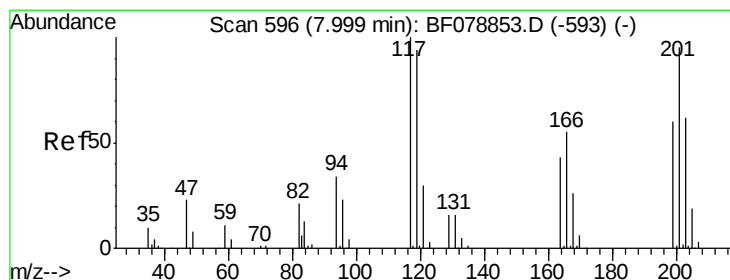
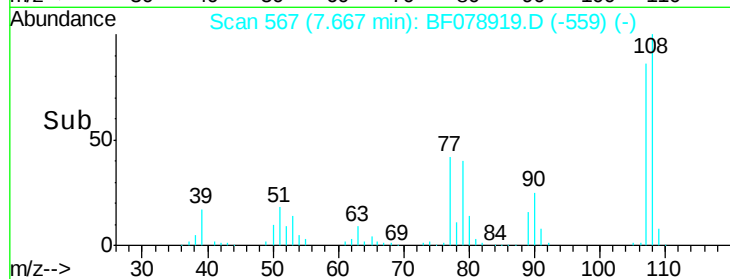
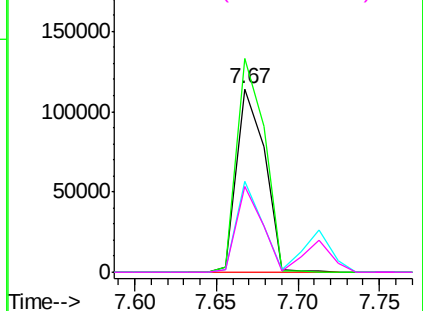
#17
2-Methylphenol
Concen: 35.22 ng
RT: 7.67 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

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

Tot 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

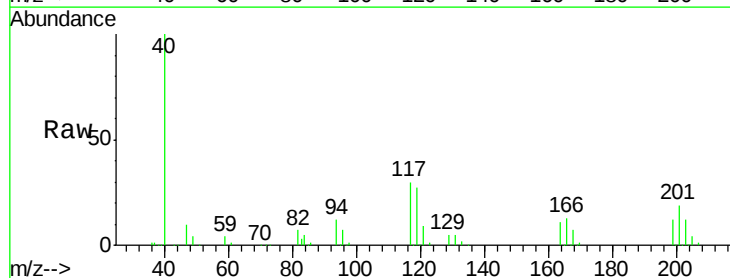


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

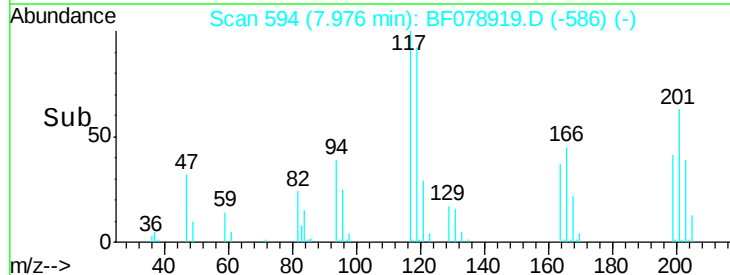
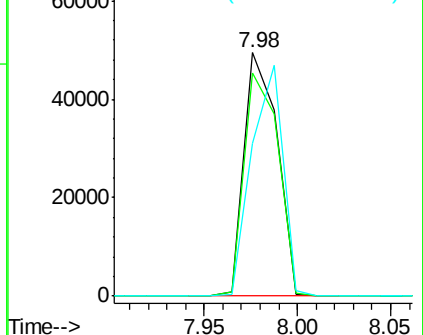


#18
Hexachloroethane
Concen: 31.96 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

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

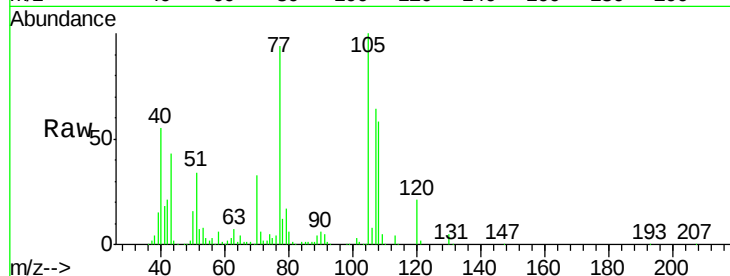




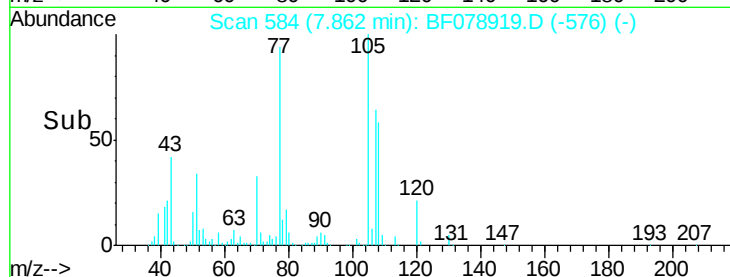
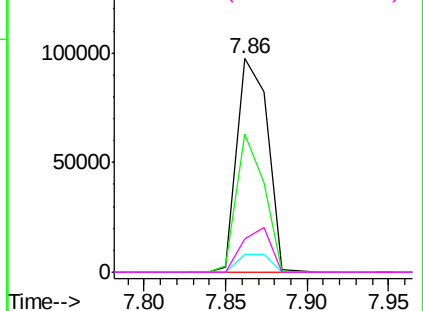
#19
n-Nitroso-di-n-propylamine
Concen: 33.48 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

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

Tot 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



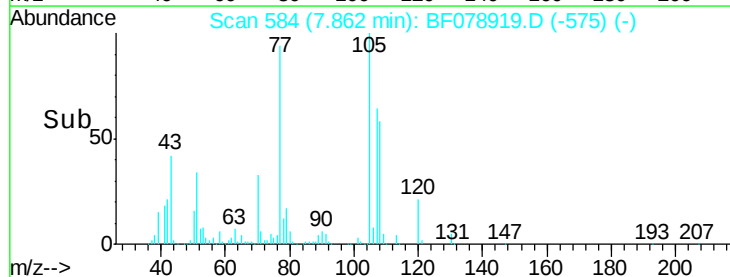
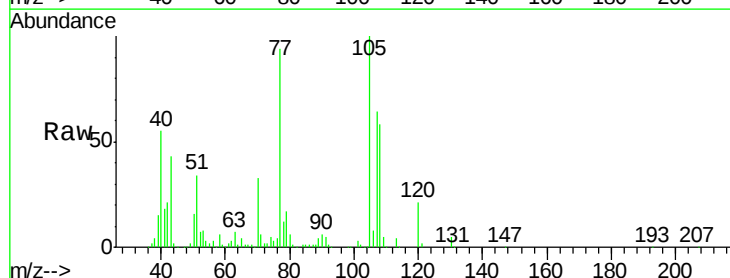
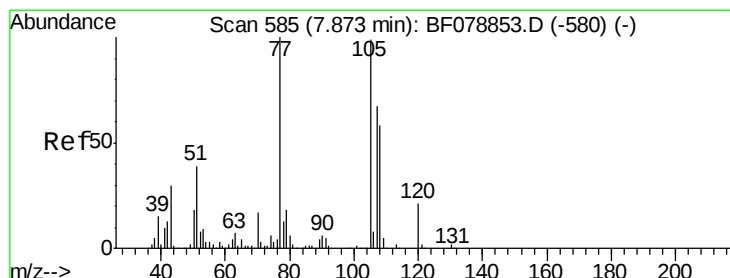
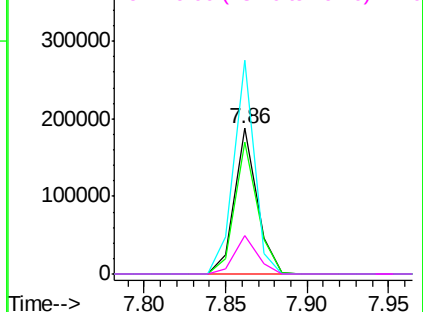
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

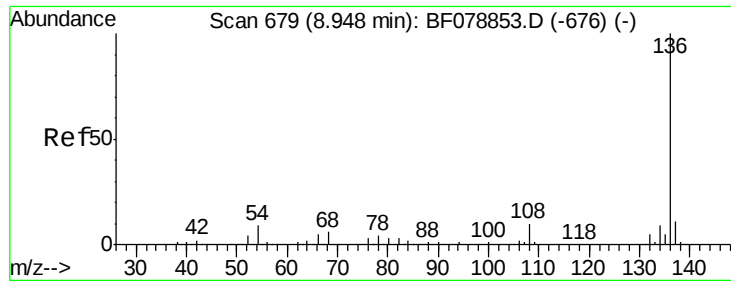


#20
3+4-Methylphenols
Concen: 34.93 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

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

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

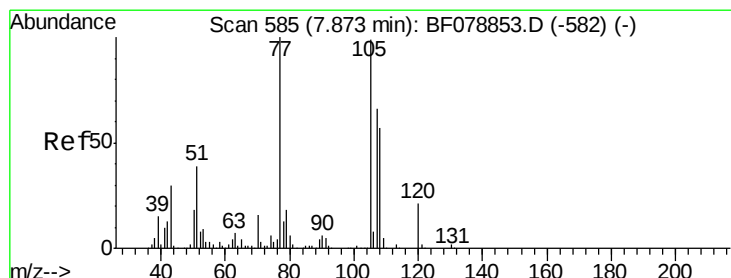
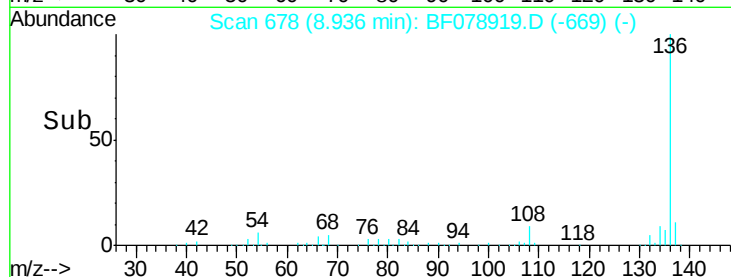
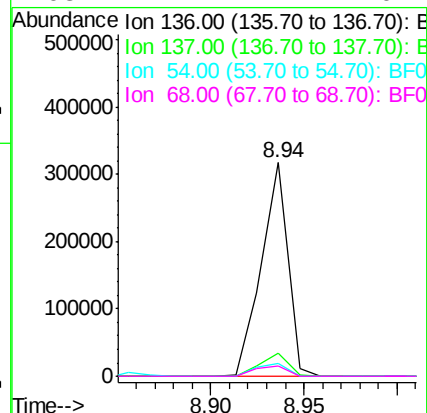
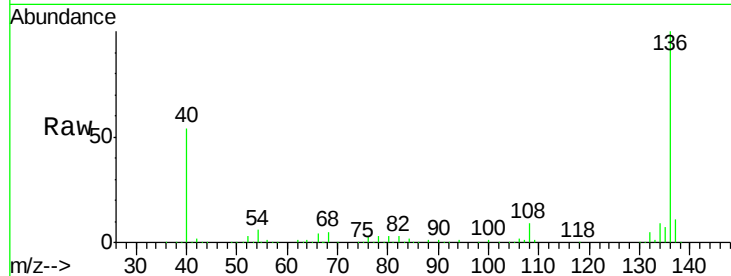




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

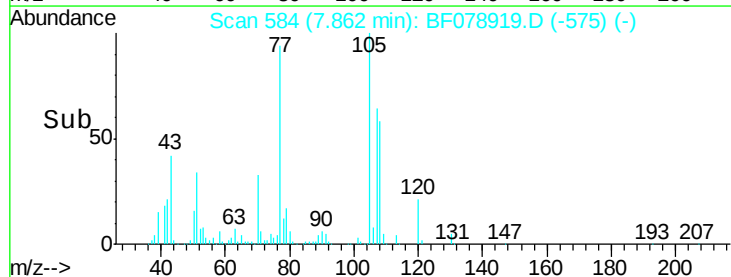
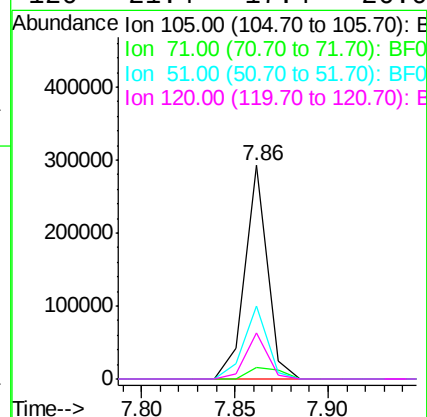
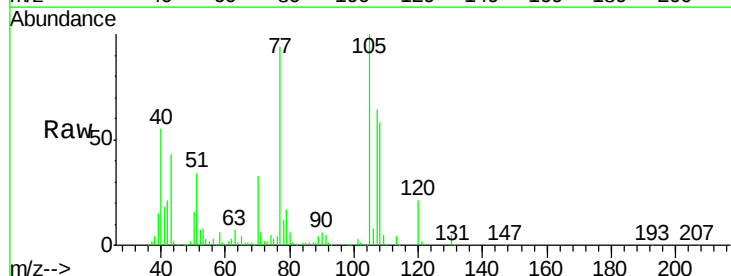
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

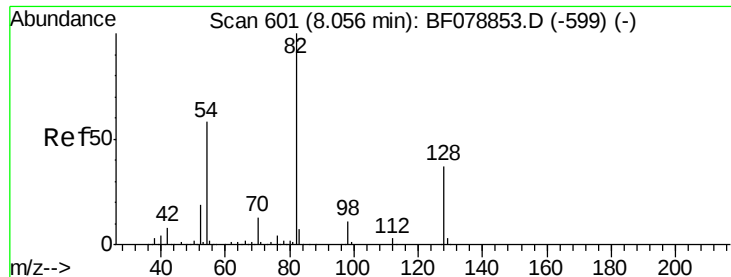
Tot Ion:136	Resp:	311822
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	6.0	5.8 8.8
68	4.7	4.2 6.4



#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

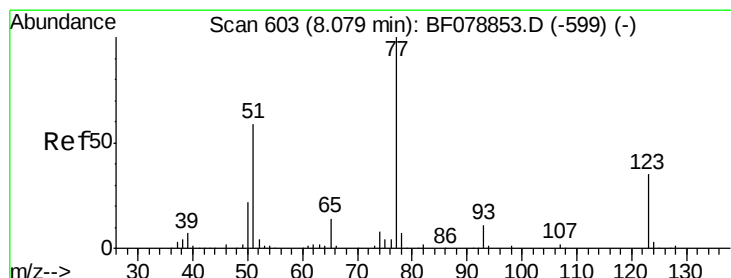
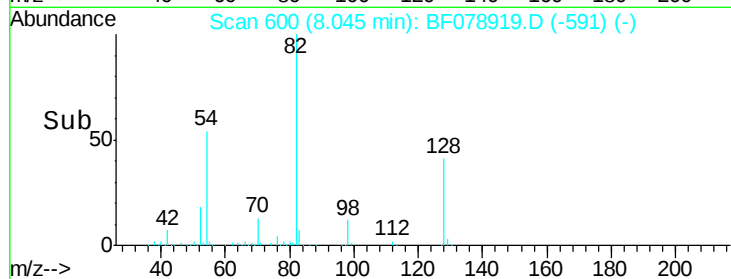
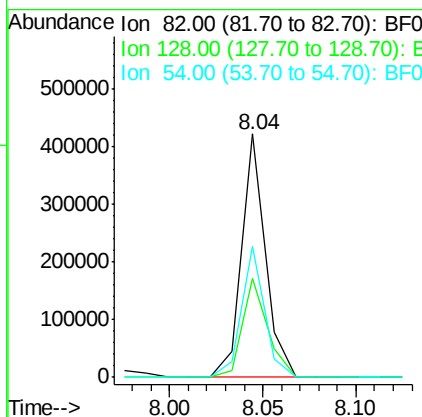
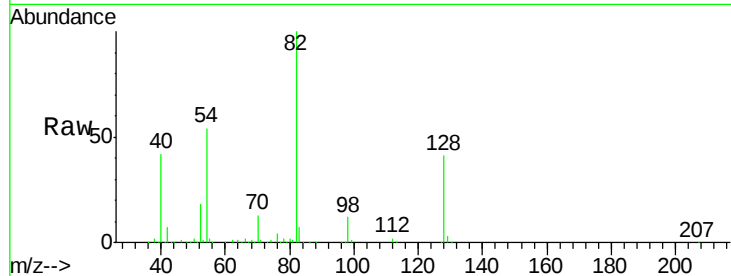




#23
 Nitrobenzene-d5
 Concen: 68.97 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

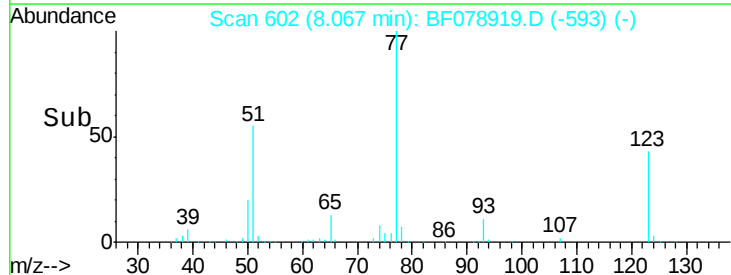
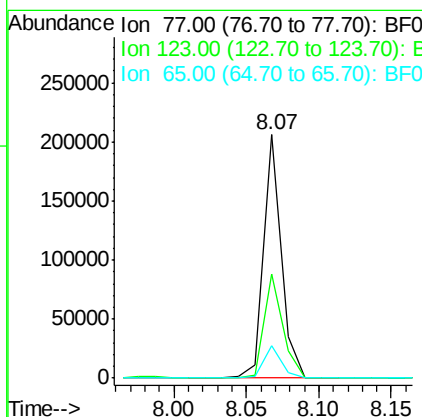
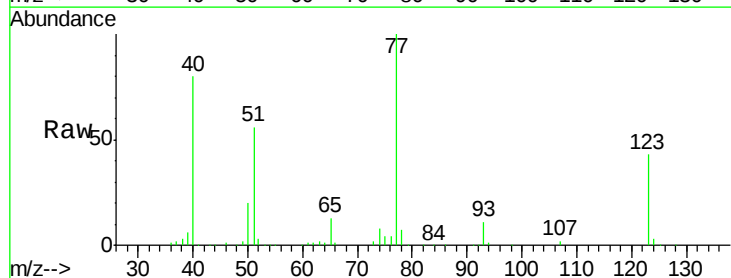
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

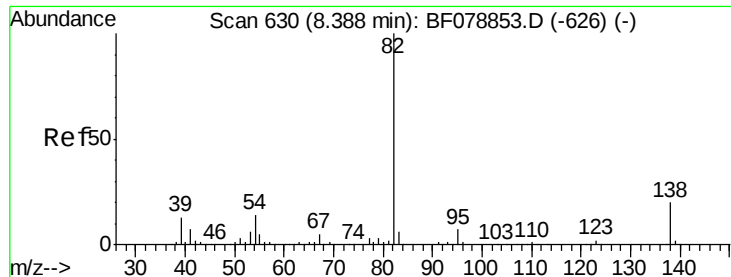
Tot Ion: 82 Resp: 374195
 Ion Ratio Lower Upper
 82 100
 128 40.9 30.0 45.0
 54 53.7 46.4 69.6



#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

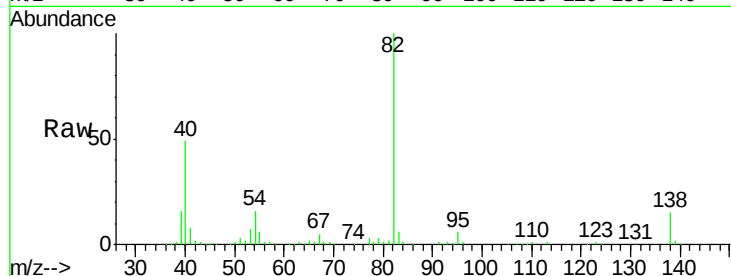
Tot Ion: 82 Resp: 327276

Ion Ratio Lower Upper

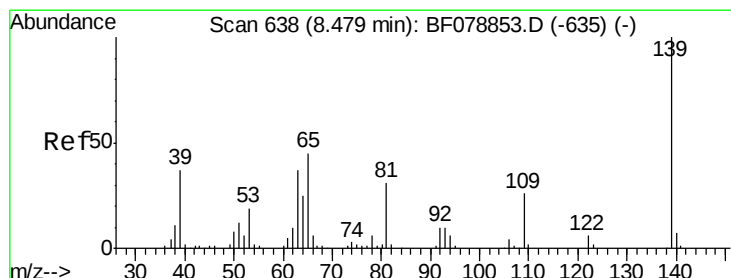
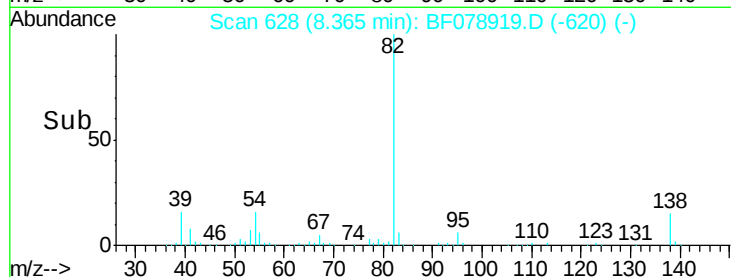
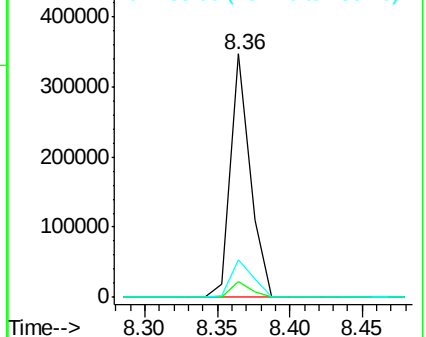
82 100

95 6.5 5.3 7.9

138 15.3 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#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

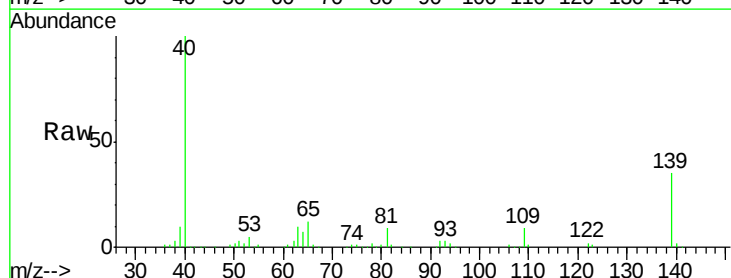
Tgt Ion:139 Resp: 71094

Ion Ratio Lower Upper

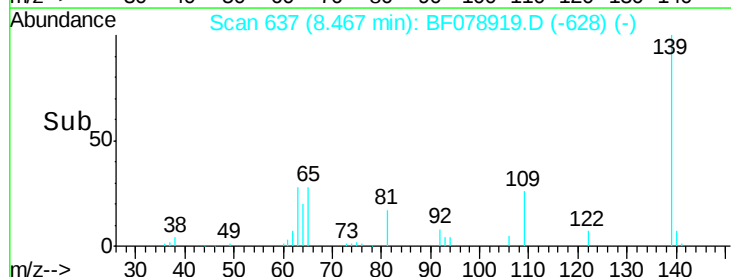
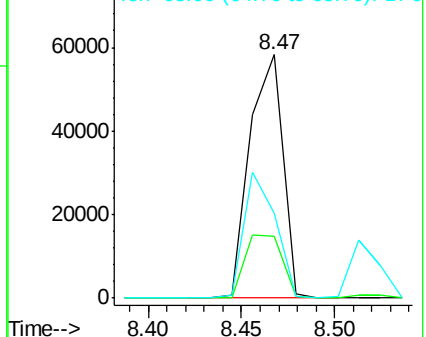
139 100

109 25.4 21.0 31.4

65 34.8 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#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

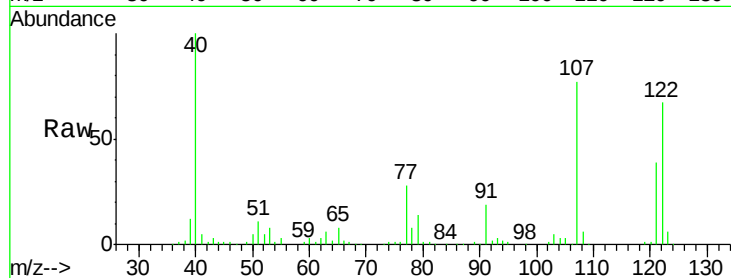
Tot Ion:122 Resp: 153221

Ion Ratio Lower Upper

122 100

107 114.3 90.6 135.8

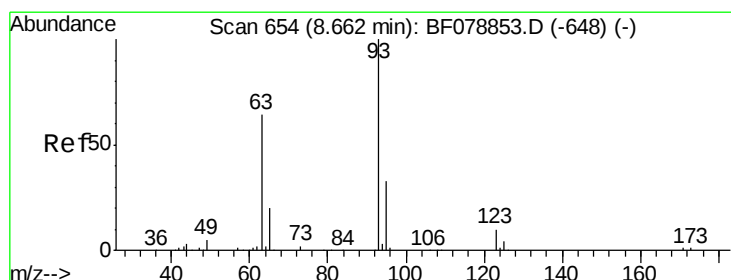
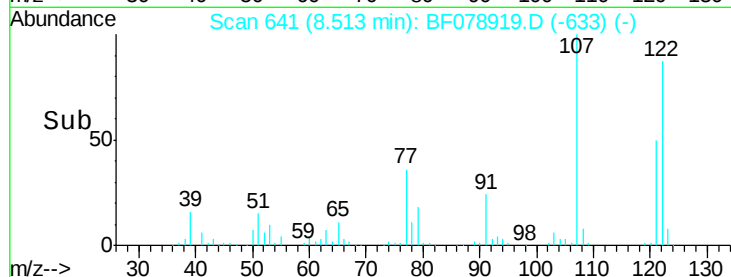
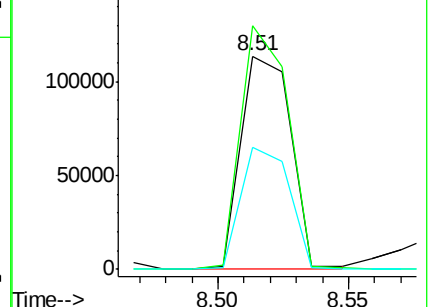
121 57.6 45.4 68.2



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

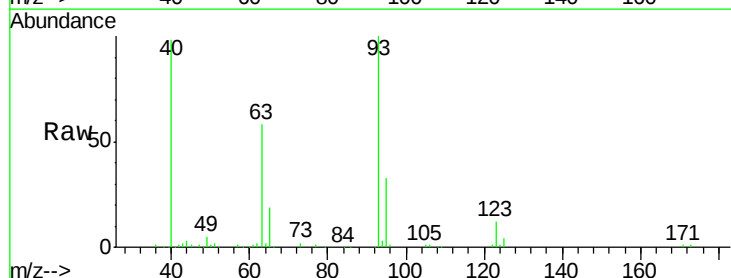
Tgt Ion: 93 Resp: 206090

Ion Ratio Lower Upper

93 100

95 32.9 26.7 40.1

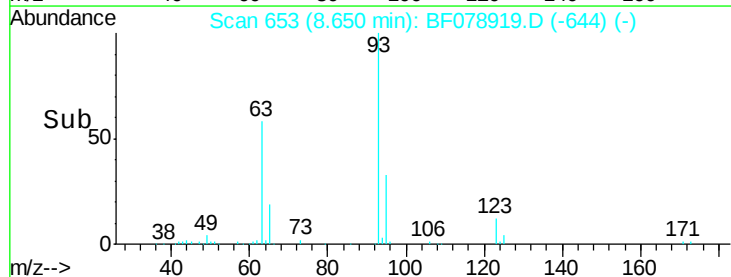
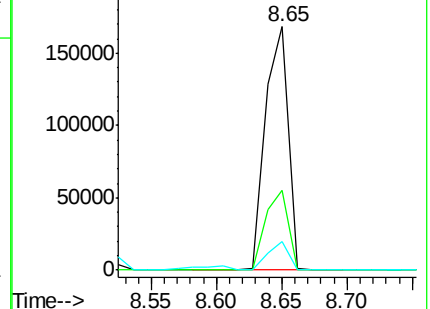
123 11.8 9.1 13.7

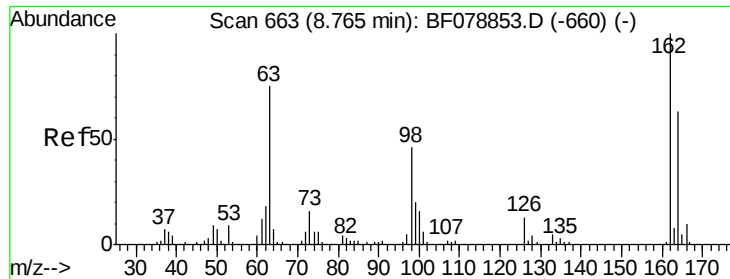


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

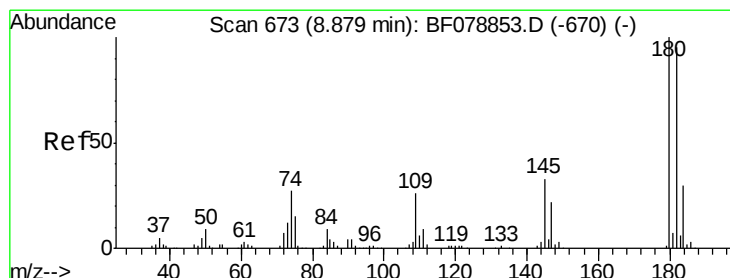
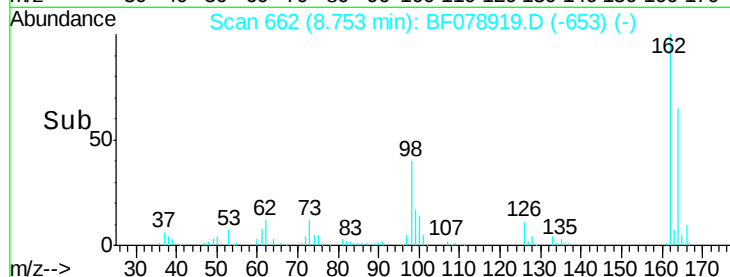
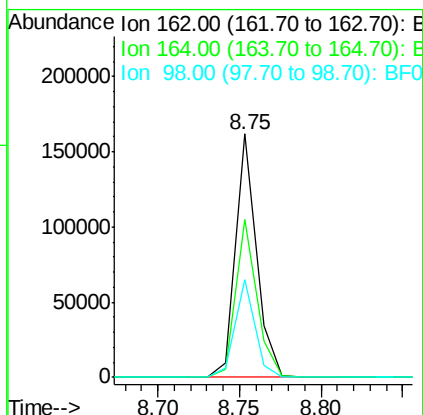
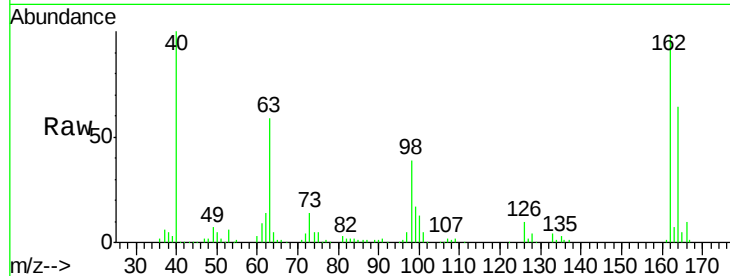




#29
 2,4-Dichlorophenol
 Concen: 36.02 ng
 RT: 8.75 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

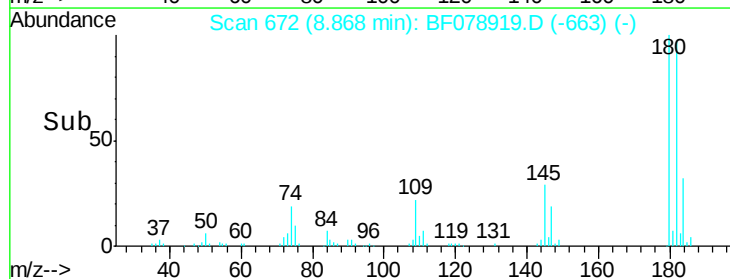
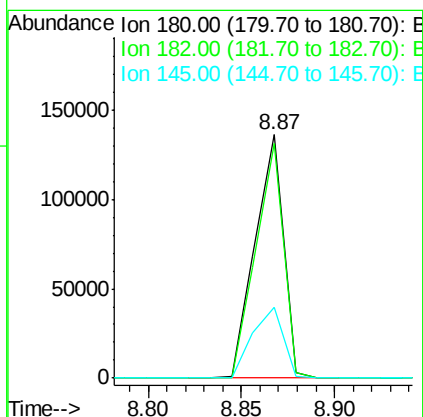
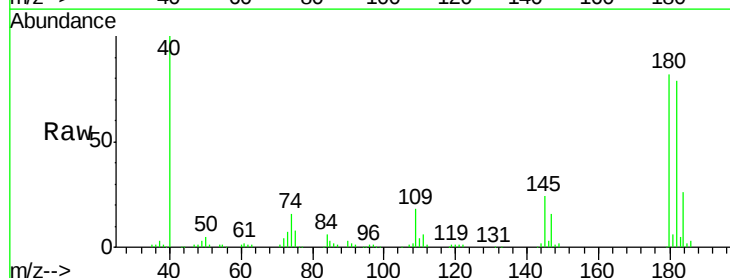
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tot 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

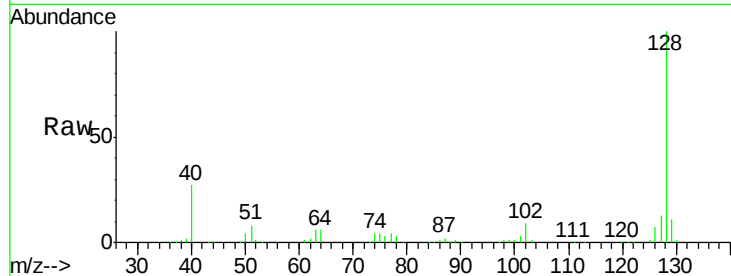




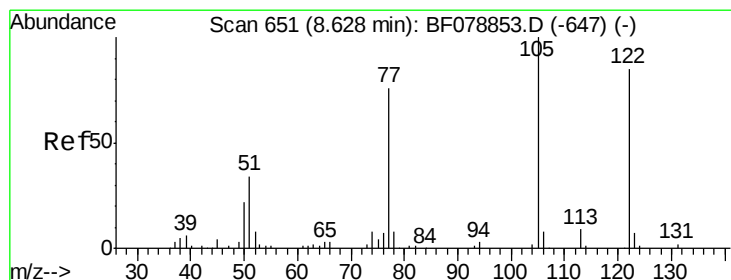
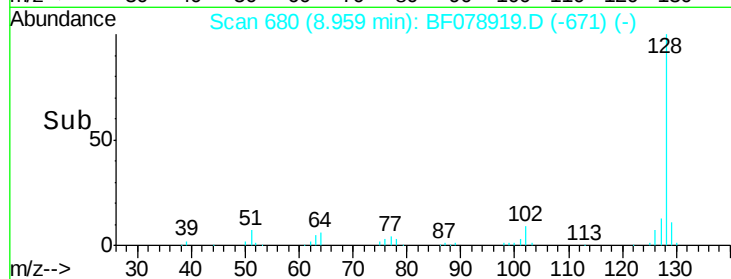
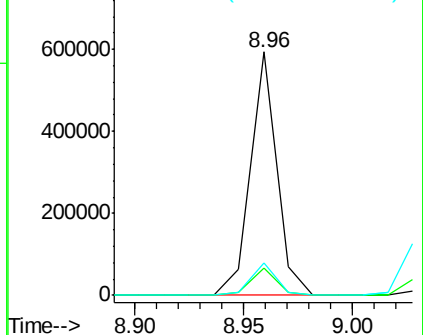
#31
Naphthalene
Concen: 33.59 ng
RT: 8.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

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

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

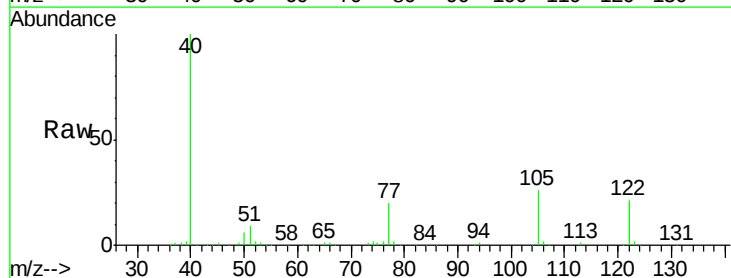


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

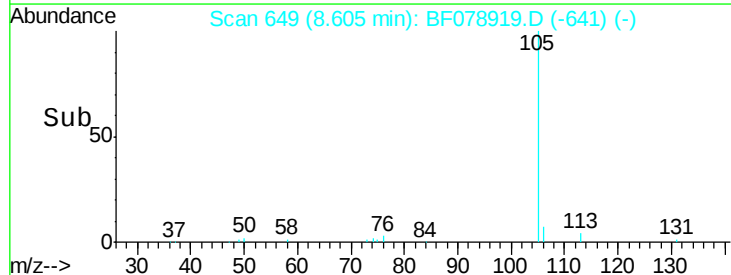
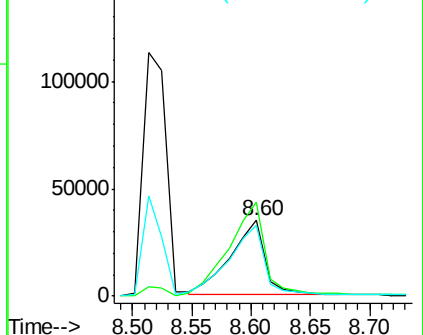


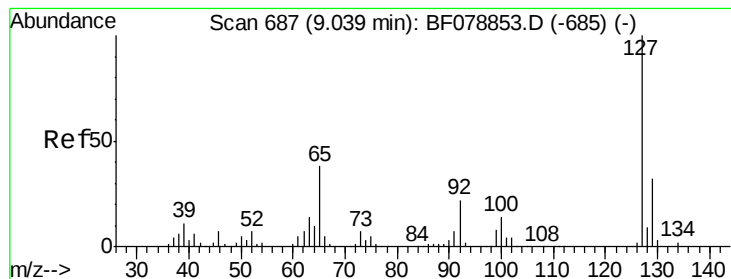
#32
Benzoic acid
Concen: 28.03 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

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

Tot Ion:127 Resp: 113026

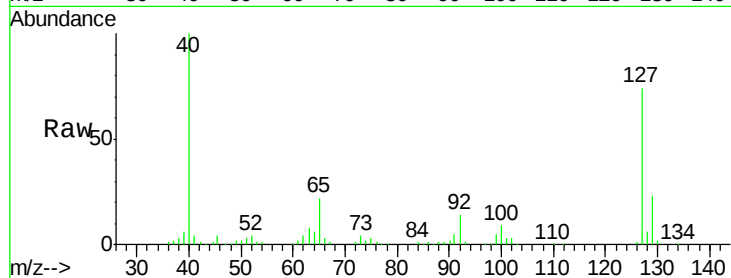
Ion Ratio Lower Upper

127 100

129 31.6 25.8 38.8

65 30.2 25.8 38.6

92 18.4 15.5 23.3

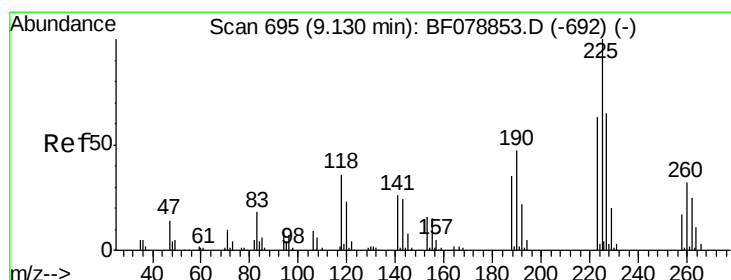
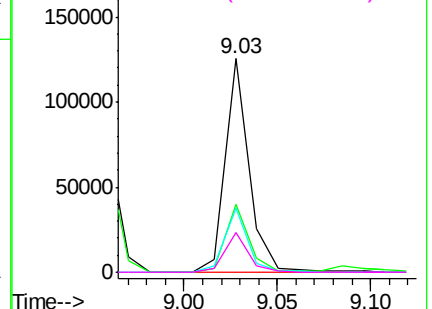
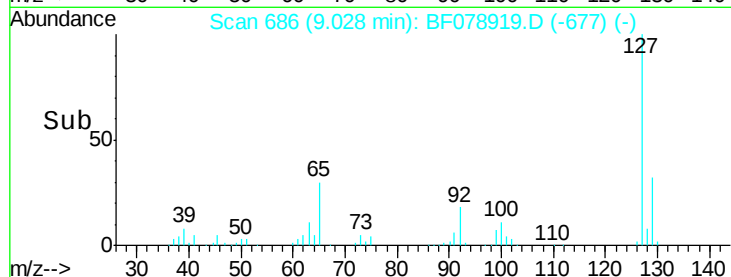


Abundance Ion 127.00 (126.70 to 127.70): E

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

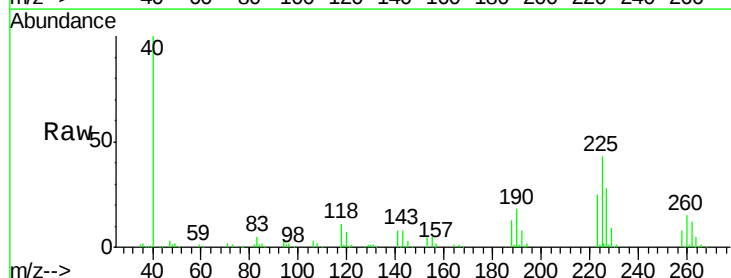
Tgt Ion:225 Resp: 78021

Ion Ratio Lower Upper

225 100

223 58.5 48.2 72.4

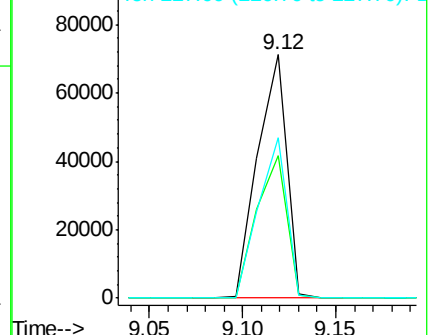
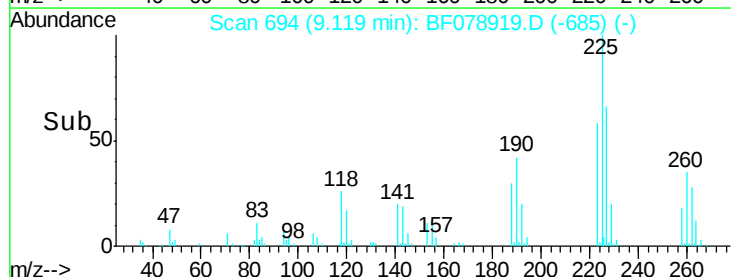
227 65.8 51.4 77.0

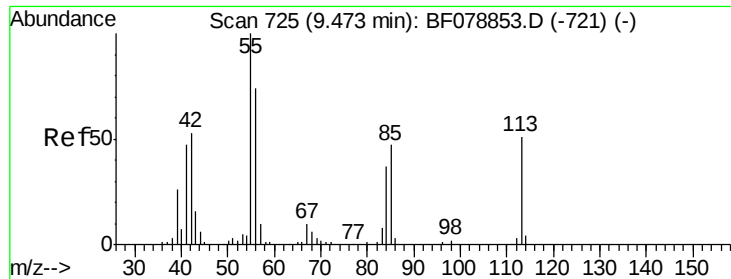


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

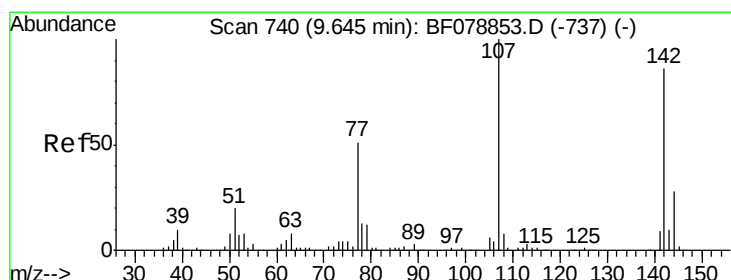
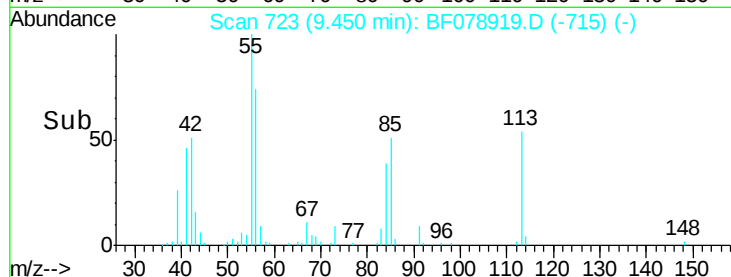
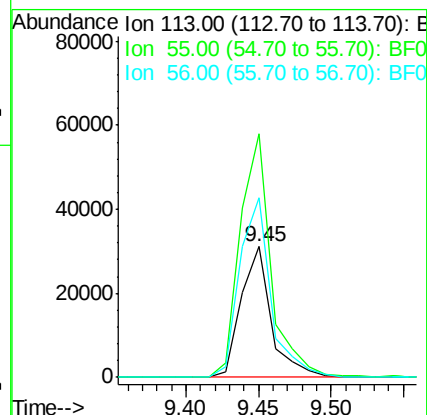
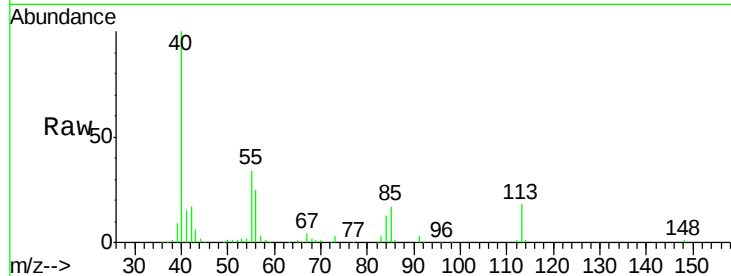




#35
 Caprolactam
 Concen: 34.81 ng
 RT: 9.45 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

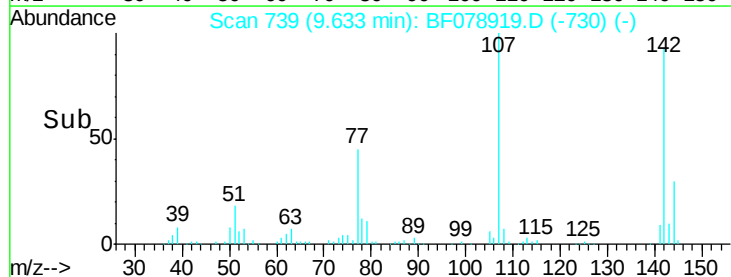
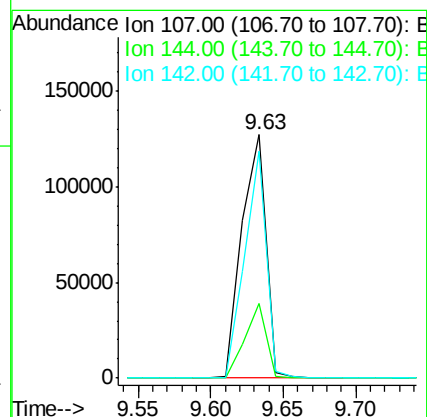
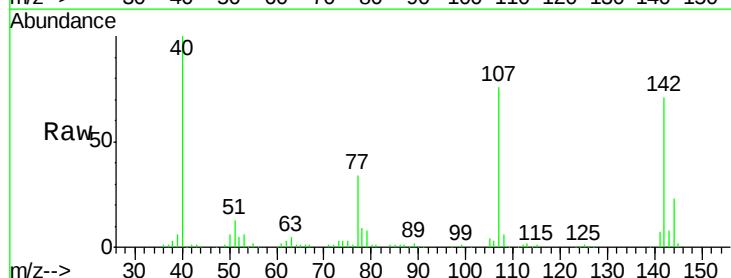
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

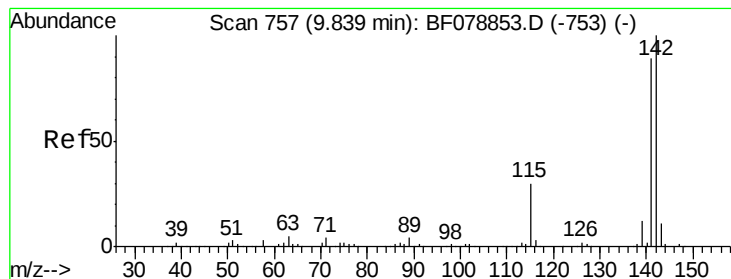
Tot Ion:113 Resp: 44578
 Ion Ratio Lower Upper
 113 100
 55 186.7 169.7 209.7
 56 138.1 122.5 162.5



#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

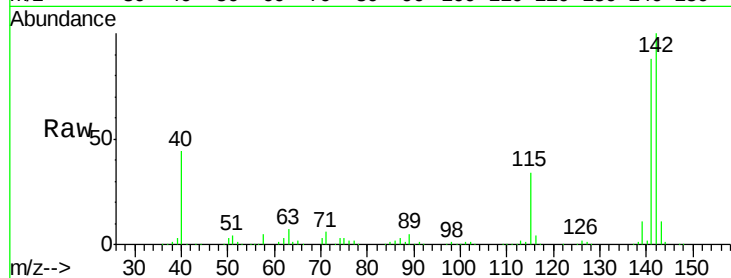
Tot Ion:142 Resp: 348442

Ion Ratio Lower Upper

142 100

141 87.6 70.9 106.3

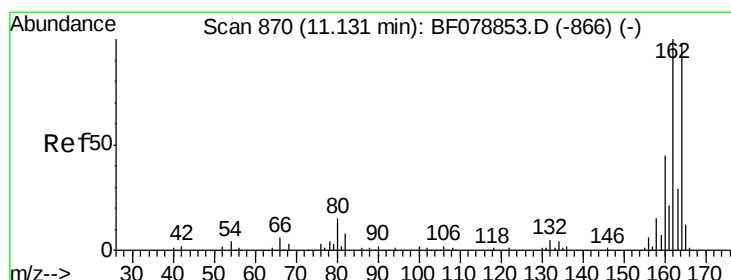
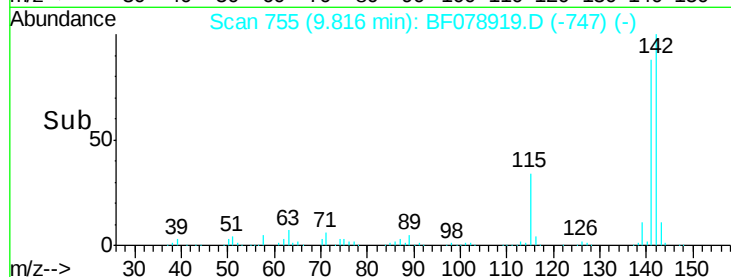
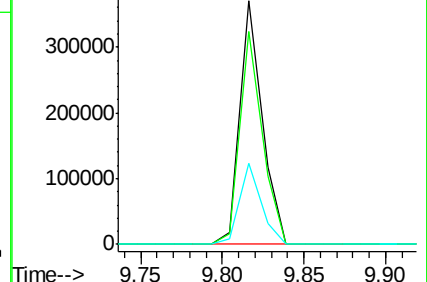
115 33.5 28.5 42.7



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

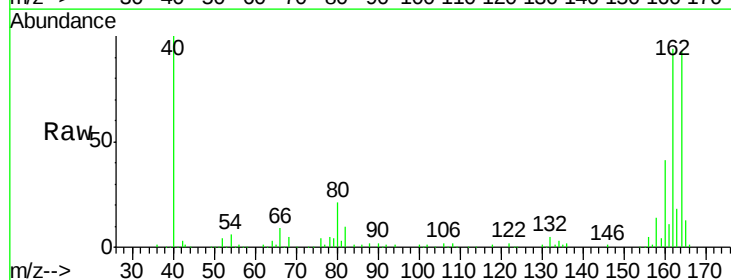
Tgt Ion:164 Resp: 153662

Ion Ratio Lower Upper

164 100

162 101.7 82.7 124.1

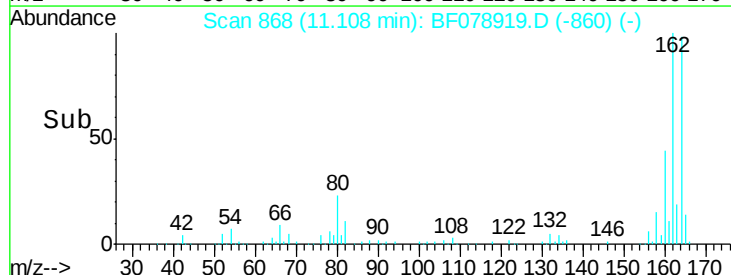
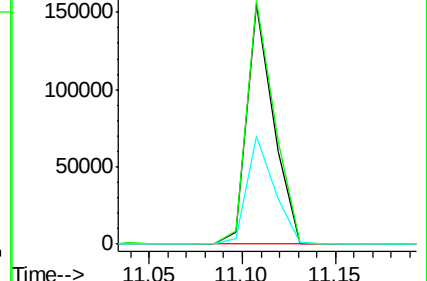
160 44.8 35.8 53.8

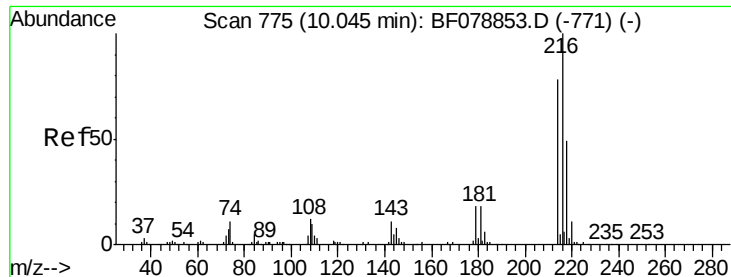


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

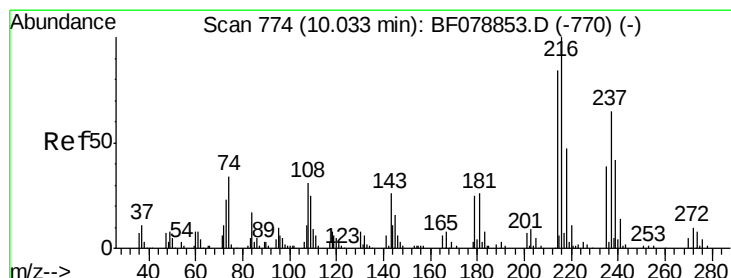
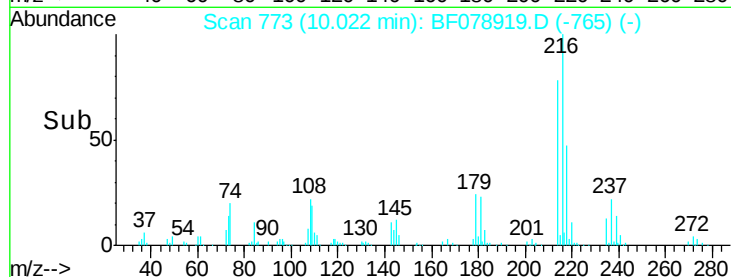
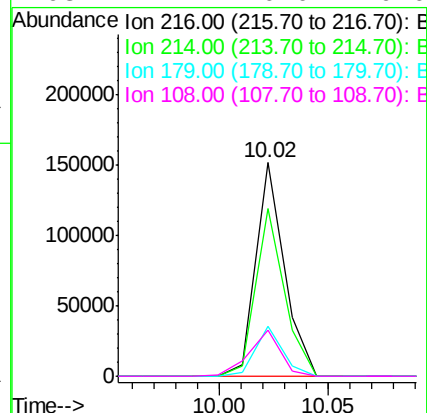
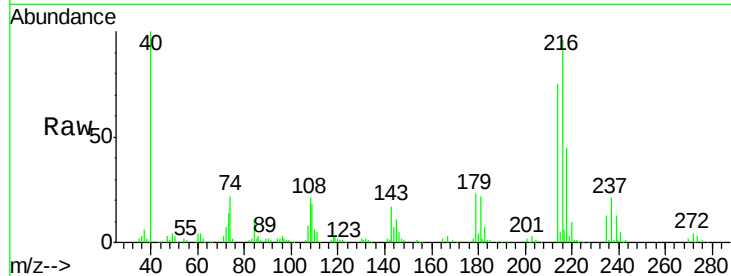




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.97 ng
 RT: 10.02 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

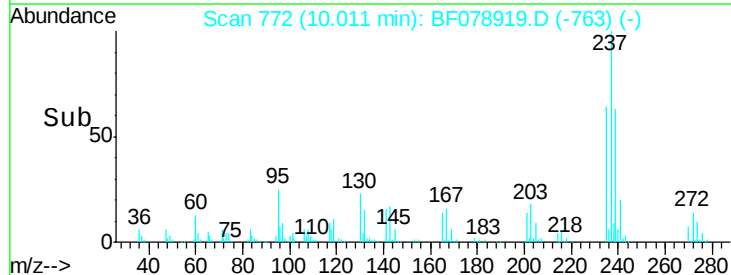
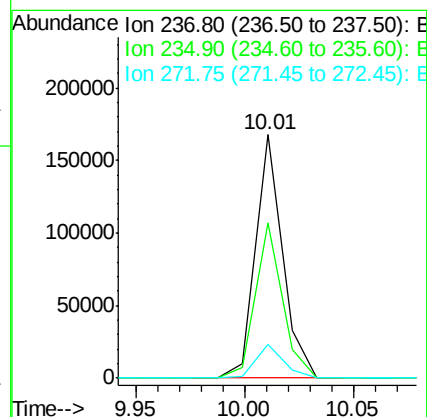
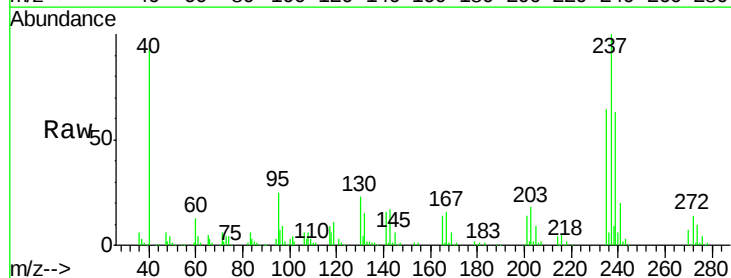
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

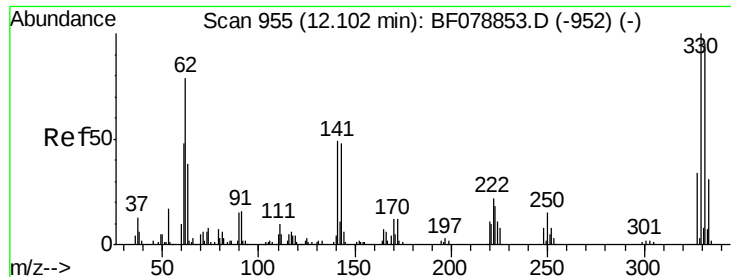
Tot Ion:	216	Resp:	138344
Ion	Ratio	Lower	Upper
216	100		
214	78.8	0.0	0.0#
179	22.8	0.0	0.0#
108	24.2	0.0	0.0#



#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

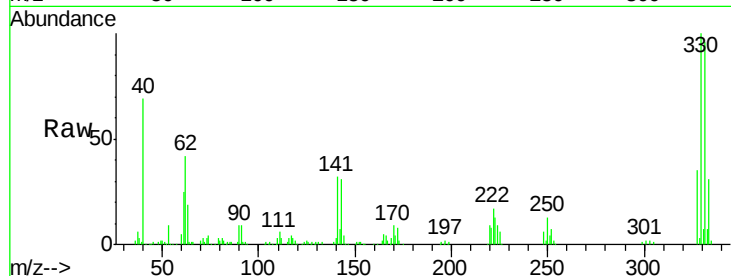




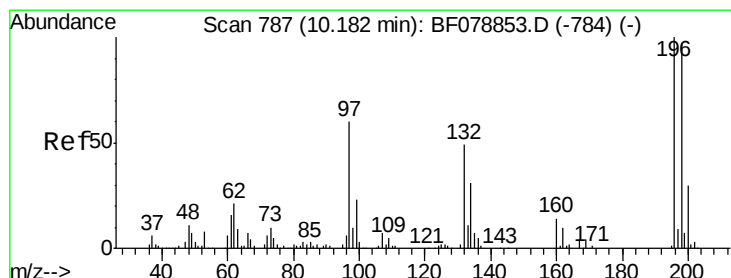
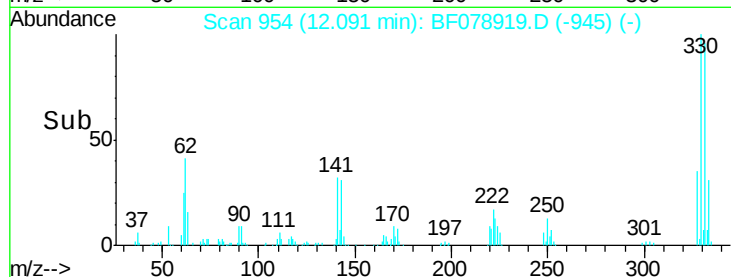
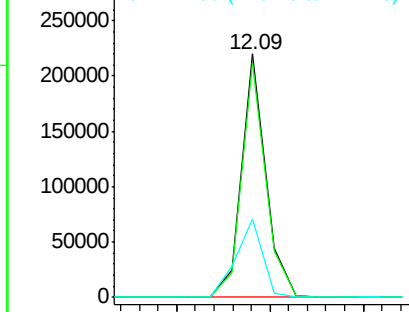
#41
 2,4,6-Tribromophenol
 Concen: 120.13 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	35.3	0.0	0.0#

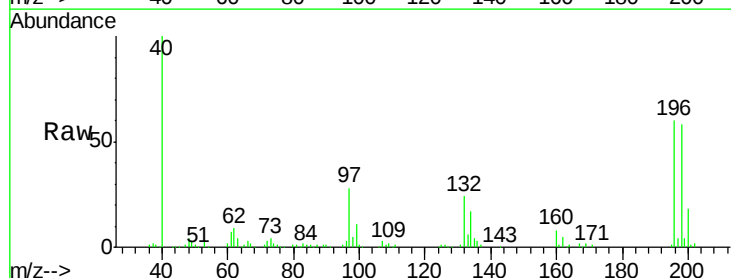


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

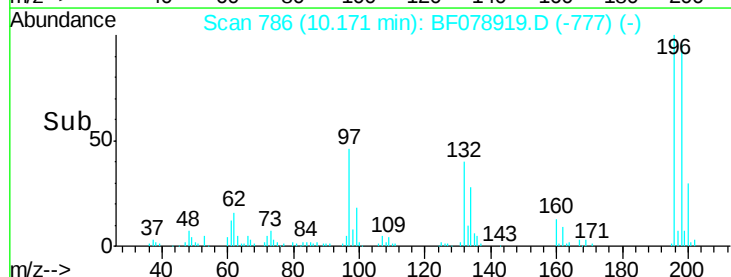
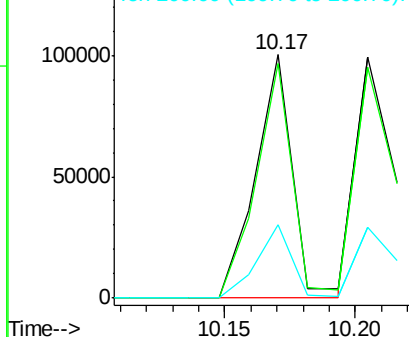


#42
 2,4,6-Trichlorophenol
 Concen: 33.24 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion	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

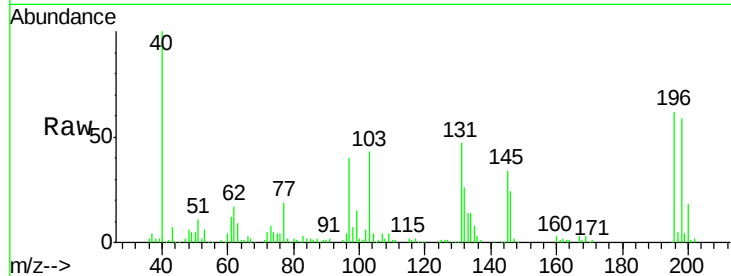




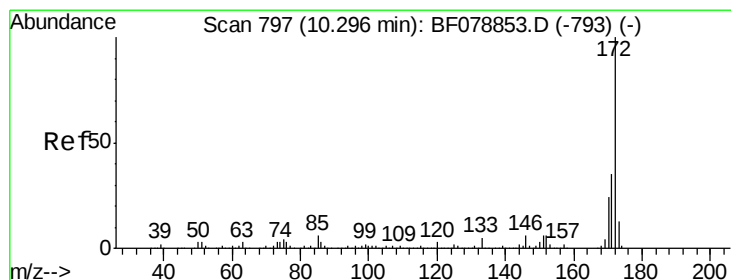
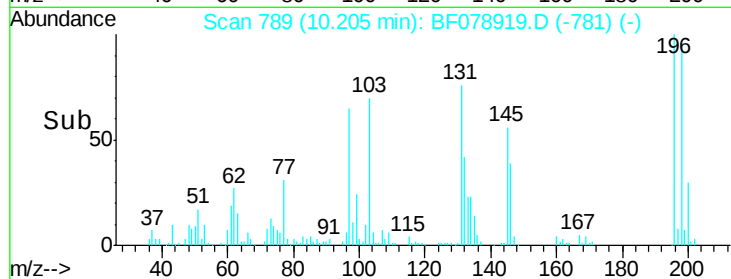
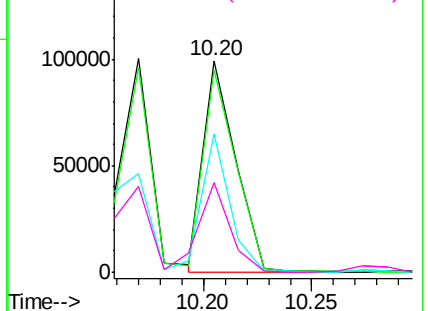
#43
 2,4,5-Trichlorophenol
 Concen: 34.18 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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

Tot 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#

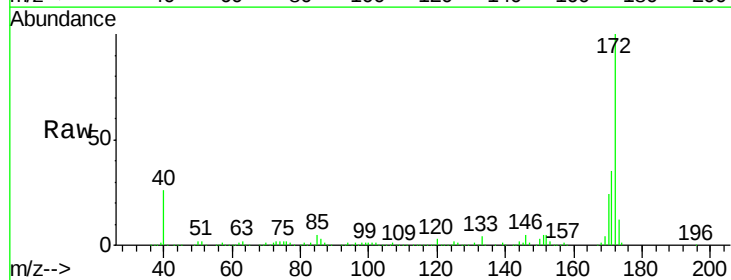


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

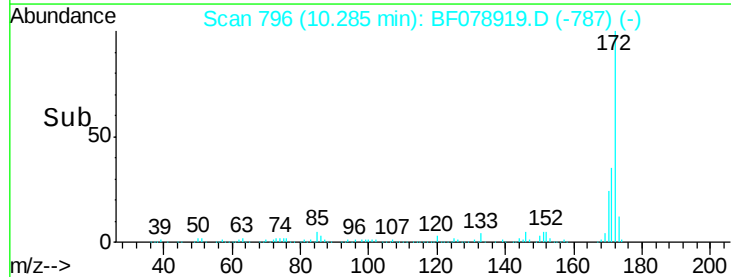
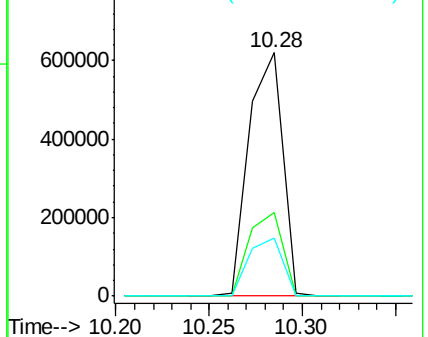


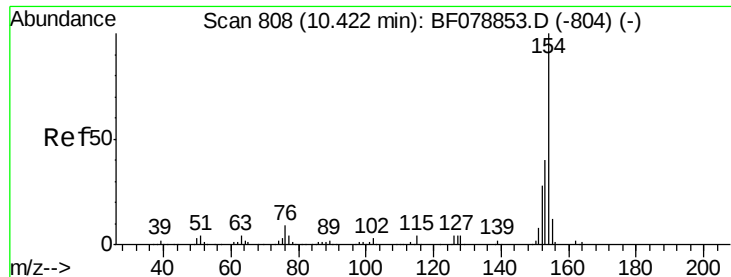
#44
 2-Fluorobiphenyl
 Concen: 70.39 ng
 RT: 10.28 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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

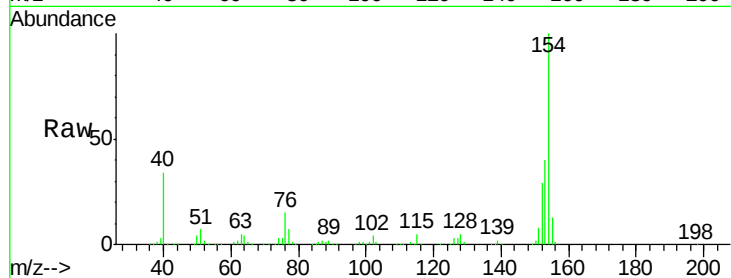




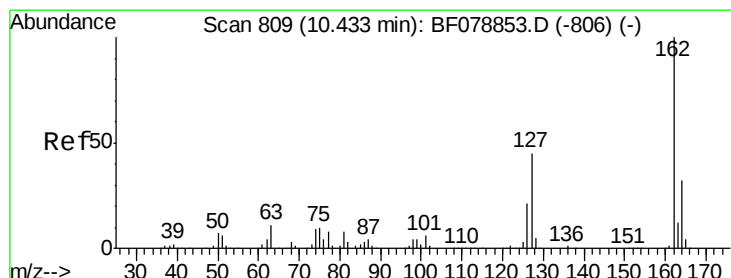
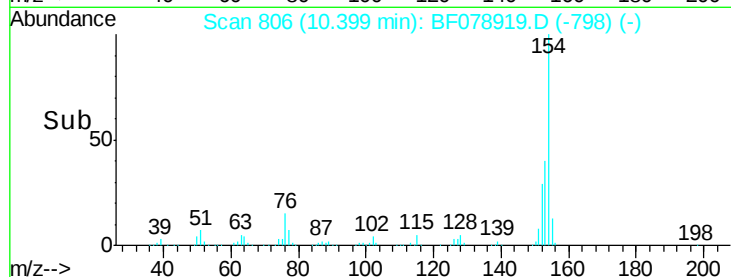
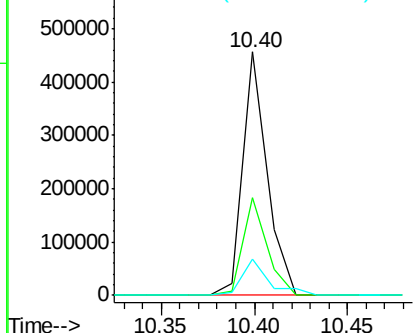
#45
 1,1'-Biphenyl
 Concen: 33.71 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.9	59.9
76	14.7	0.0	35.0

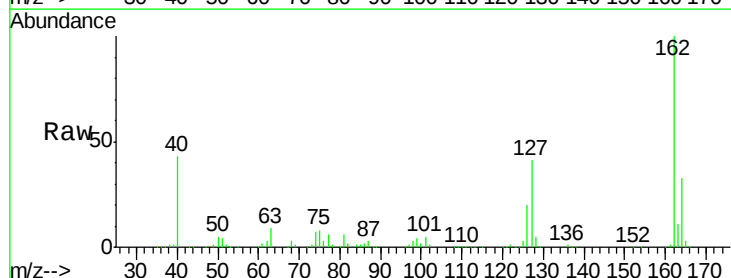


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

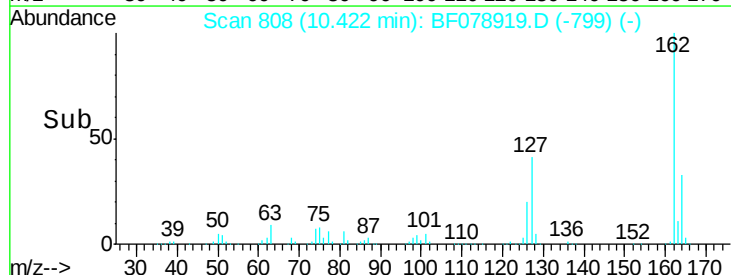
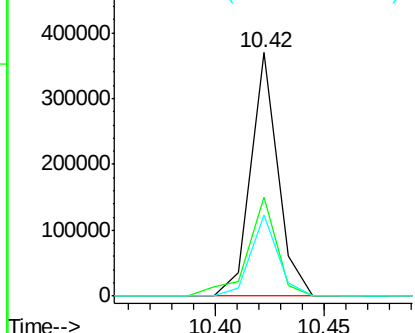


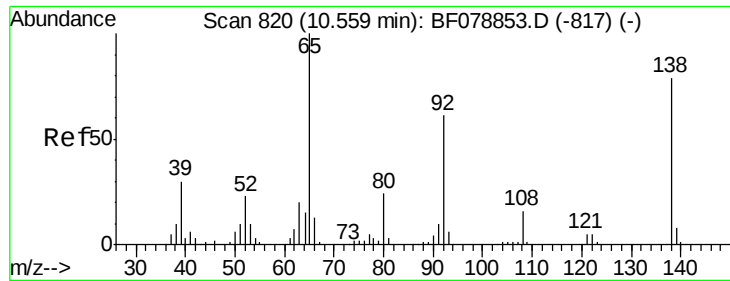
#46
 2-Chloronaphthalene
 Concen: 33.59 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

Tgt Ion	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

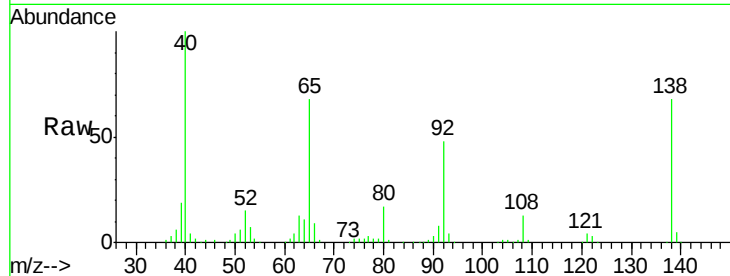
Tot Ion: 65 Resp: 94792

Ion Ratio Lower Upper

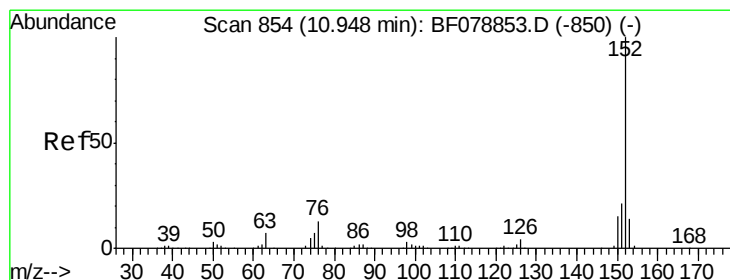
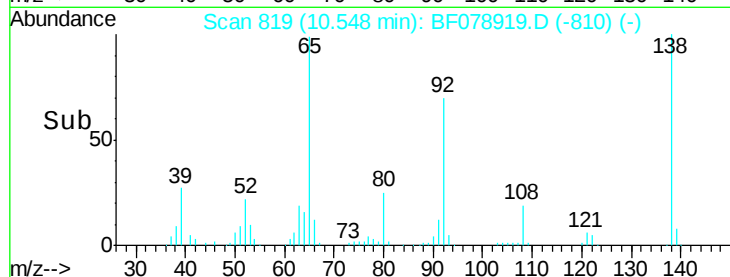
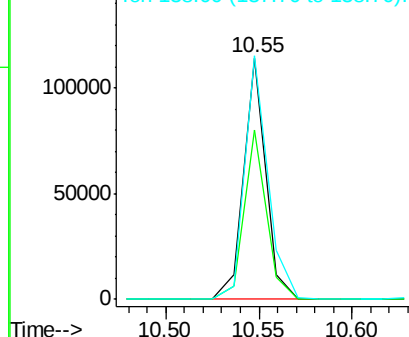
65 100

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

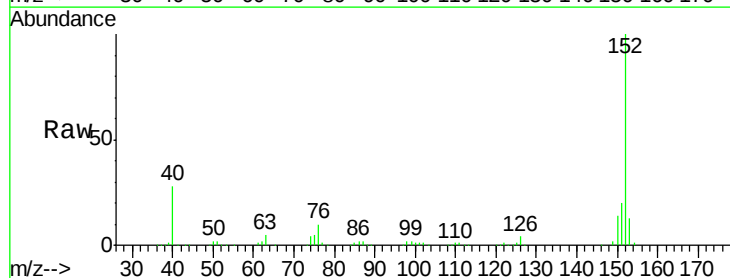
Tgt Ion: 152 Resp: 522968

Ion Ratio Lower Upper

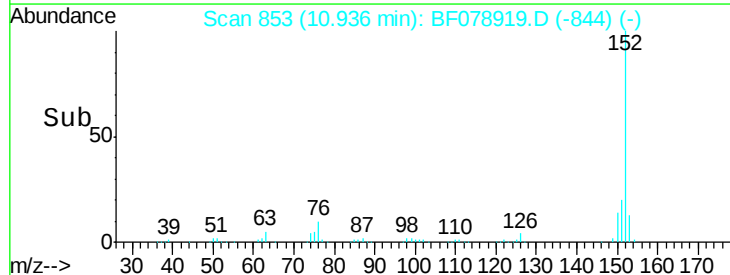
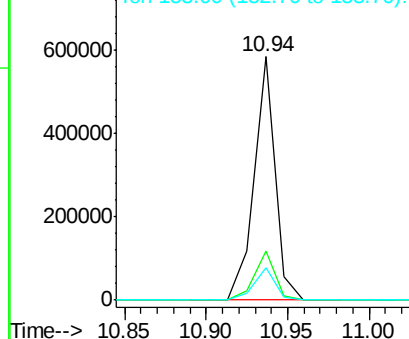
152 100

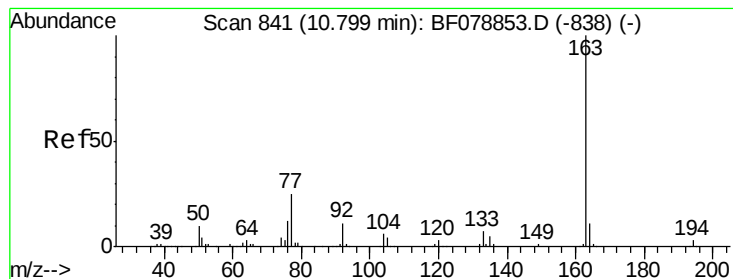
151 20.1 16.2 24.4

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

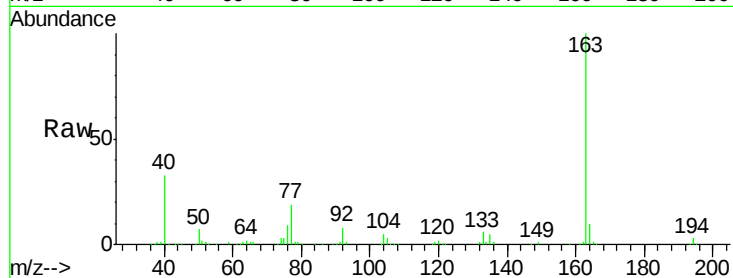
Tot Ion:163 Resp: 418789

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

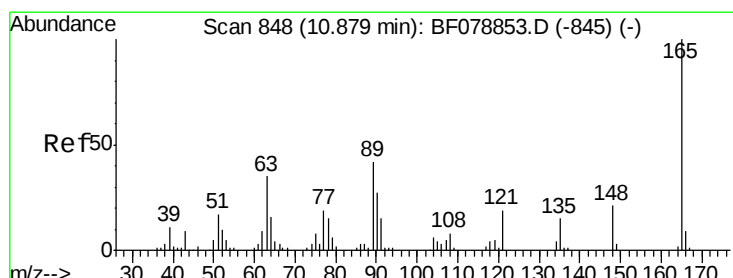
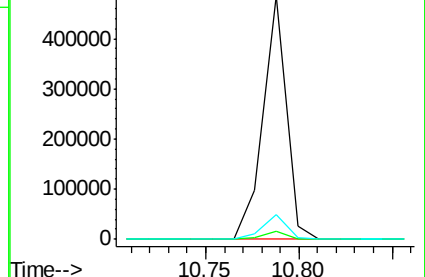
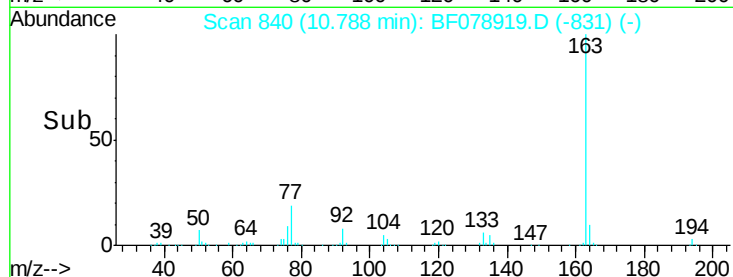
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 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

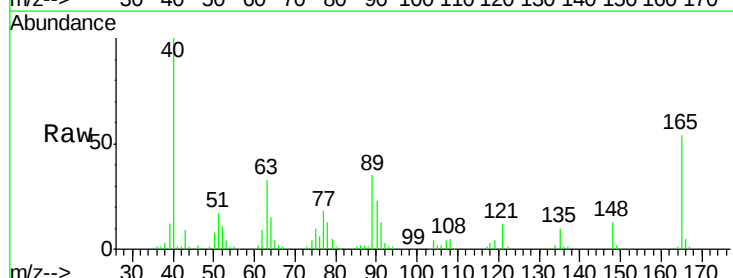
Tgt Ion:165 Resp: 75898

Ion Ratio Lower Upper

165 100

63 61.3 54.4 81.6

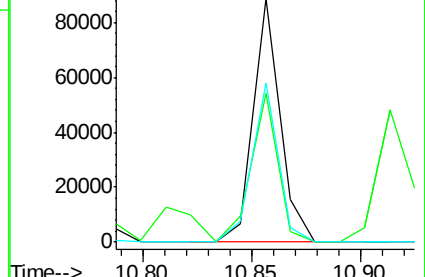
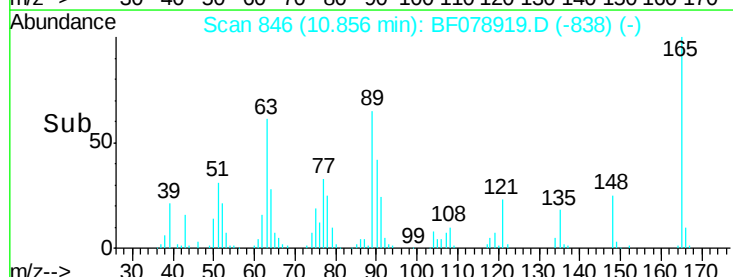
89 65.2 55.7 83.5

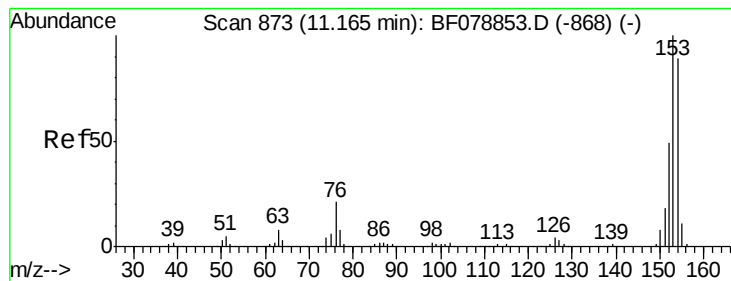


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 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

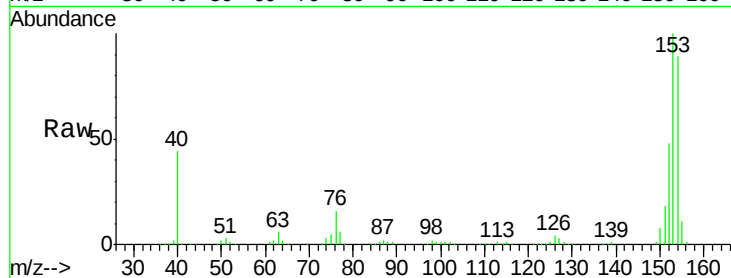
Tot Ion:154 Resp: 306646

Ion Ratio Lower Upper

154 100

153 112.6 91.5 137.3

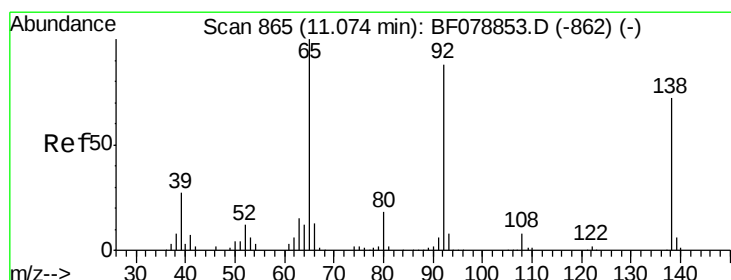
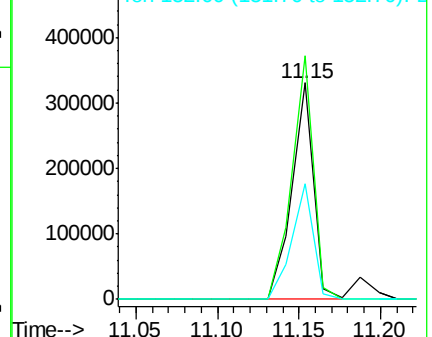
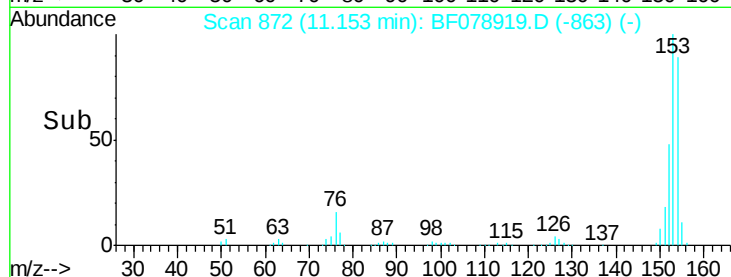
152 53.7 44.2 66.4



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

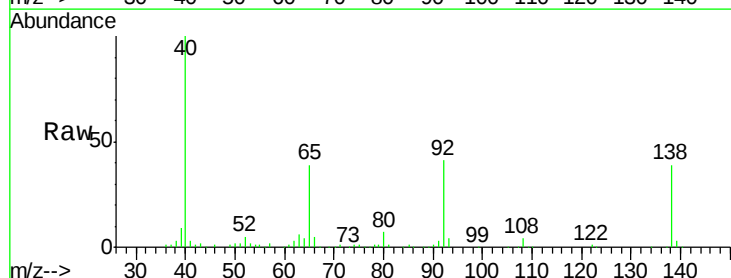
Tgt Ion:138 Resp: 68047

Ion Ratio Lower Upper

138 100

108 9.5 10.6 16.0#

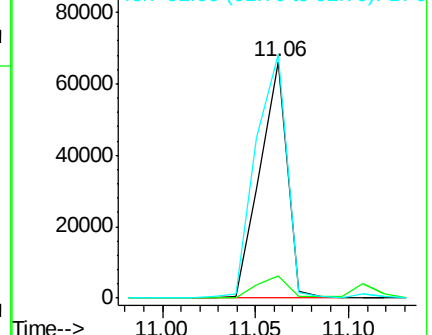
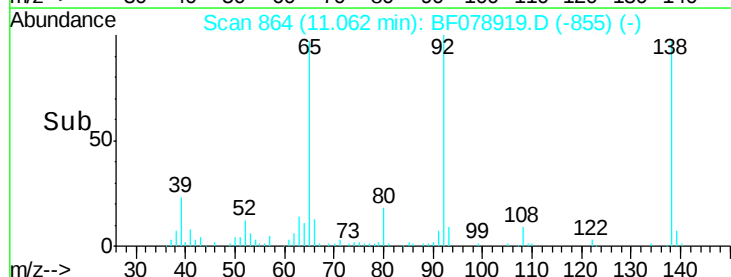
92 103.2 81.8 122.6



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

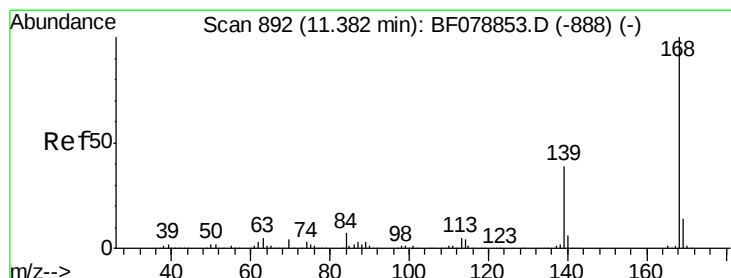
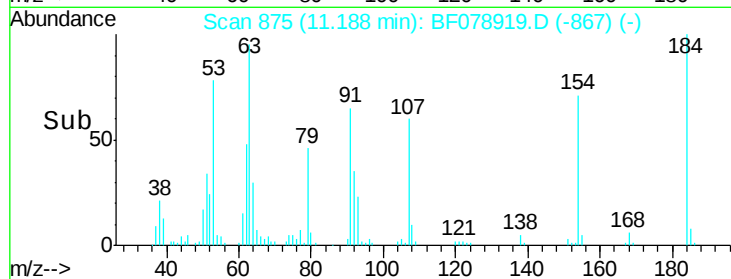
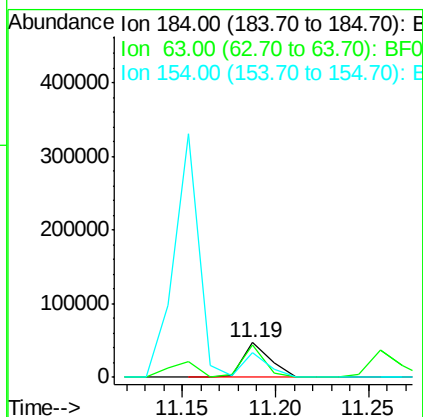
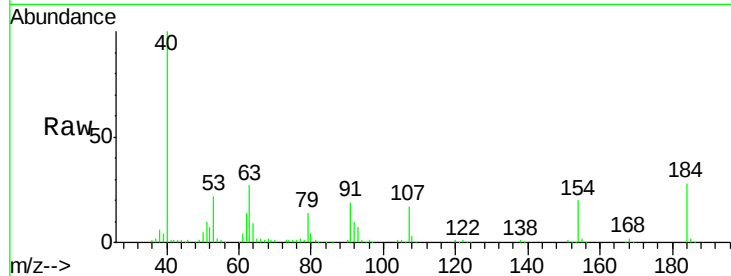




#53
2,4-Dinitrophenol
Concen: 61.08 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

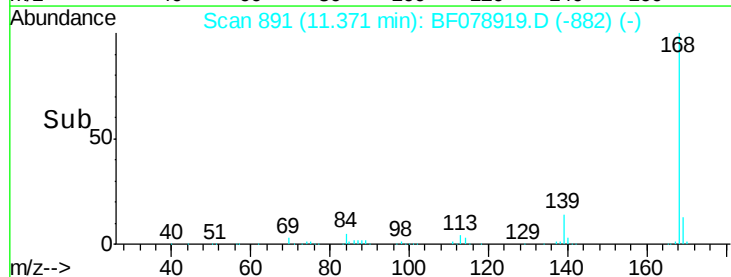
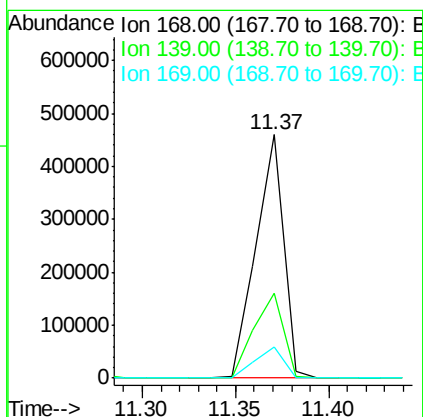
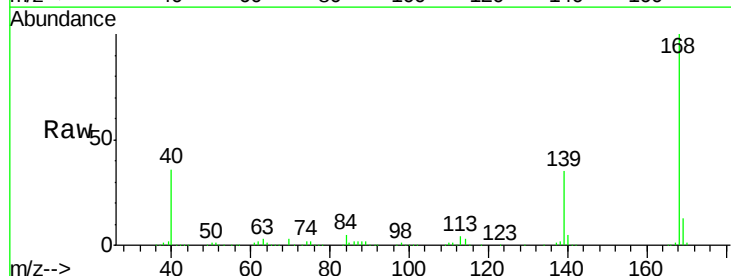
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

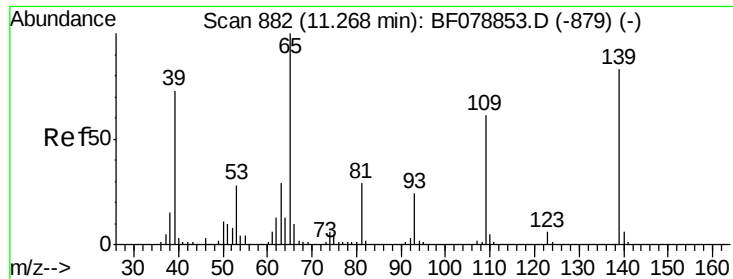
Tot Ion:184 Resp: 48176
Ion Ratio Lower Upper
184 100
63 95.3 63.3 94.9#
154 70.7 53.8 80.6



#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

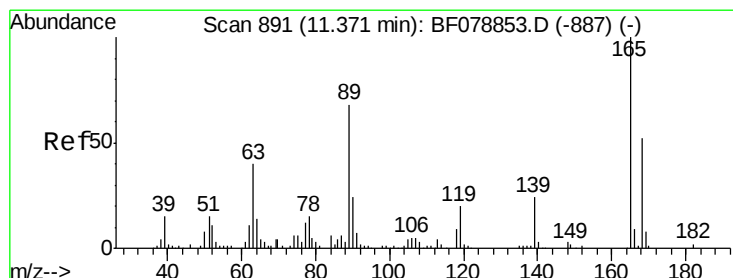
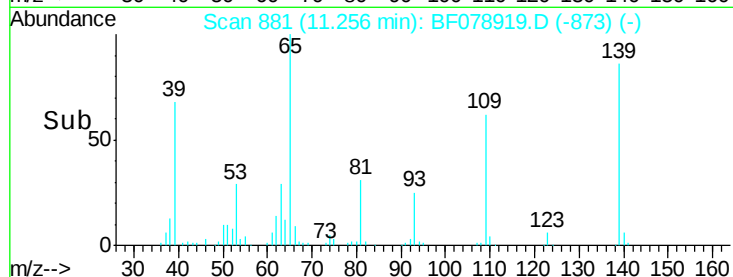
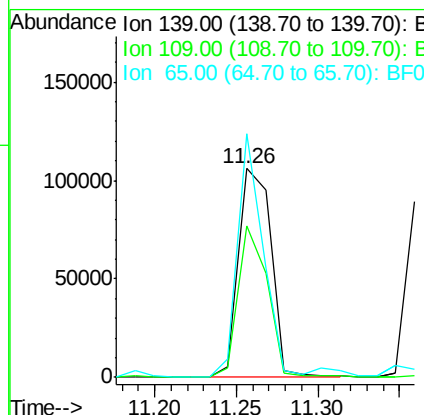
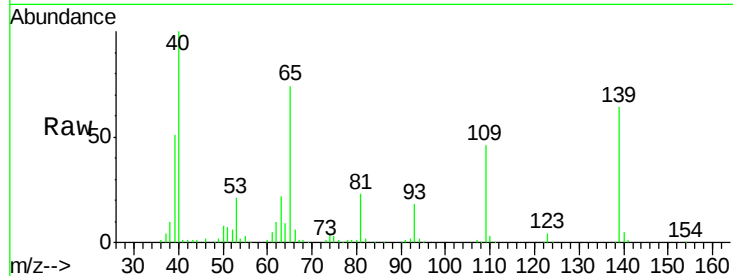




#55
4-Nitrophenol
Concen: 66.52 ng
RT: 11.26 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

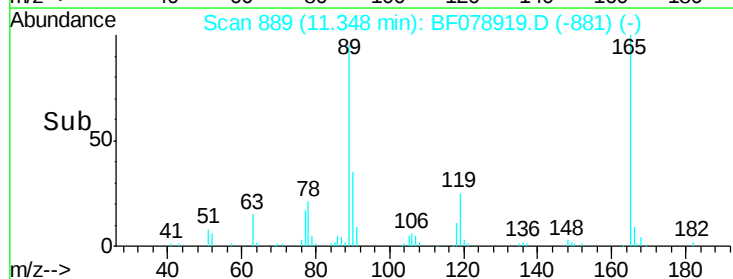
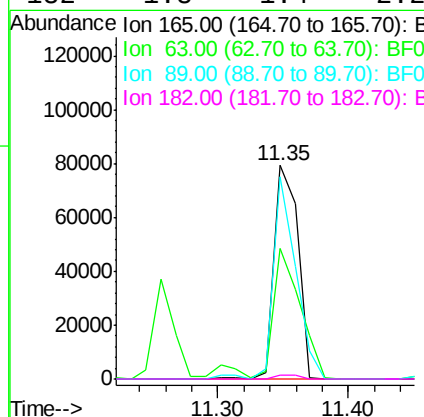
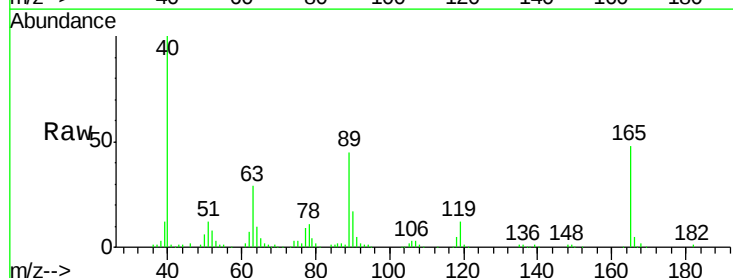
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

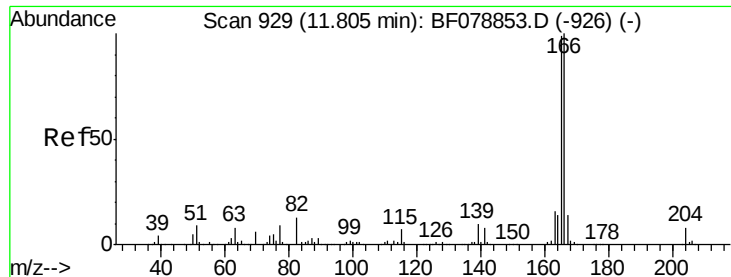
Tot Ion:139 Resp: 146386
Ion Ratio Lower Upper
139 100
109 72.4 47.6 87.6
65 116.7 54.3 94.3#



#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

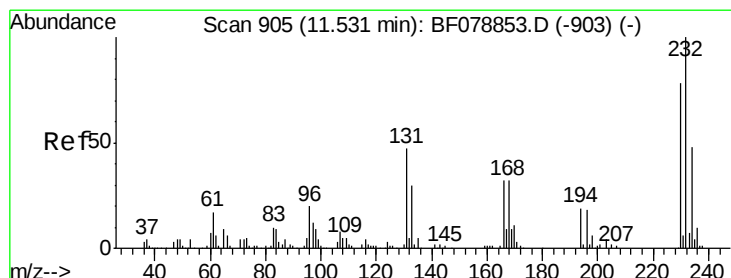
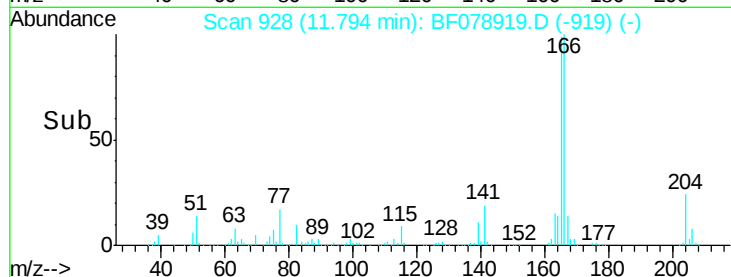
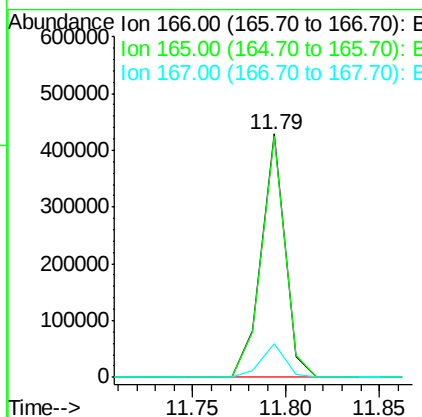
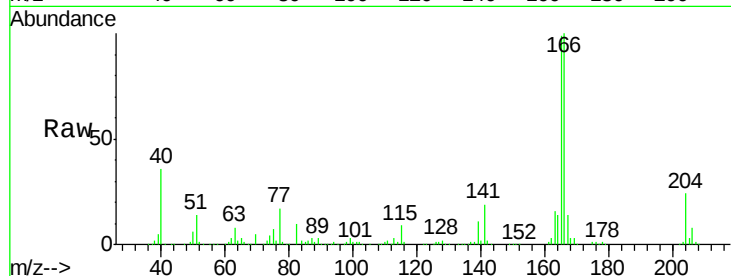




#57
Fluorene
Concen: 34.06 ng
RT: 11.79 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

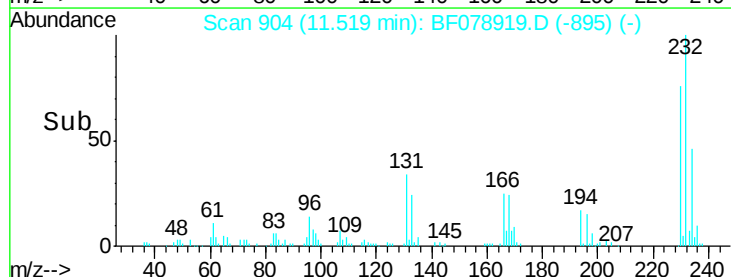
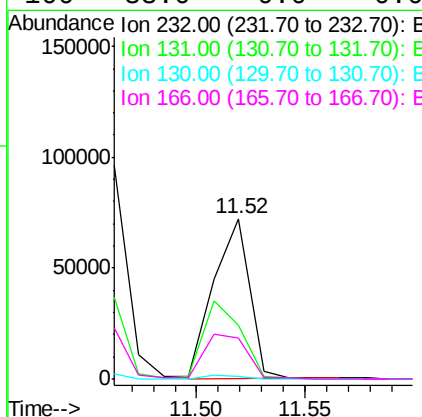
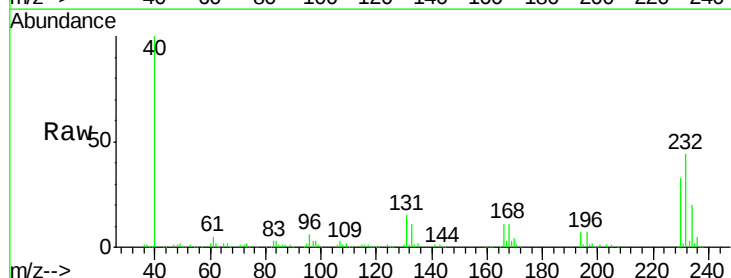
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

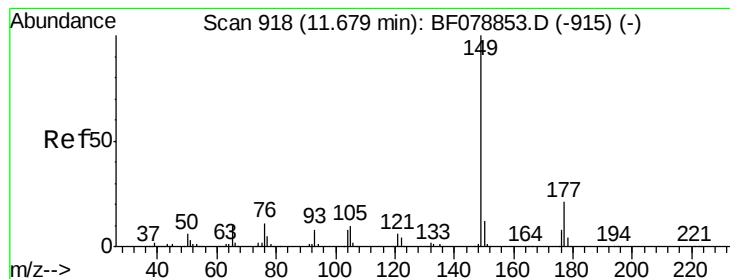
Tot Ion:166 Resp: 376745
Ion Ratio Lower Upper
166 100
165 99.2 78.5 117.7
167 13.7 11.0 16.6



#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#





#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

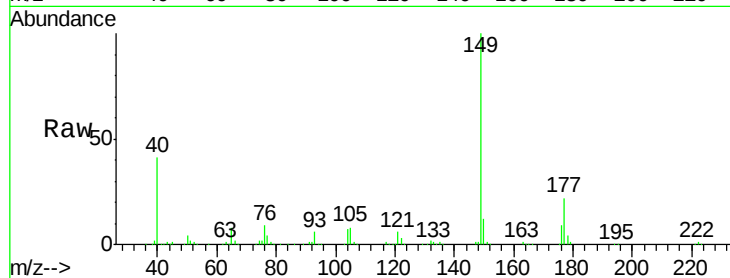
Tot Ion:149 Resp: 380428

Ion Ratio Lower Upper

149 100

177 22.4 17.5 26.3

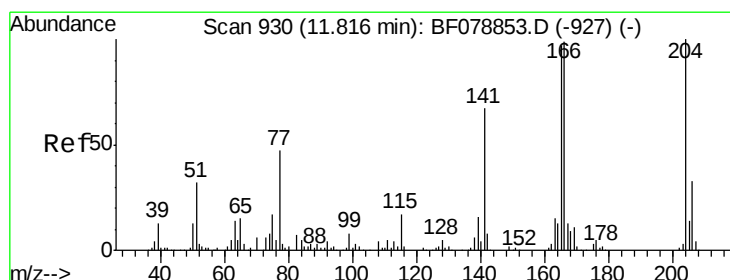
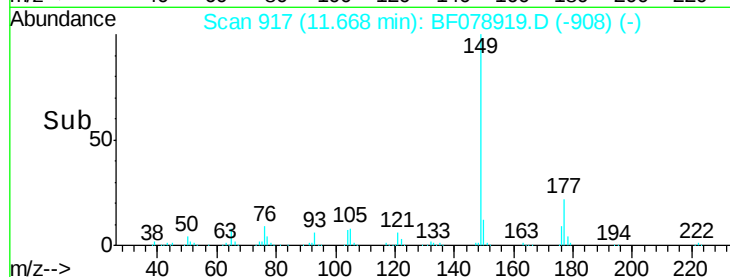
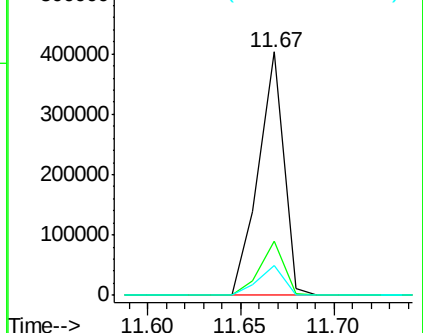
150 12.2 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 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

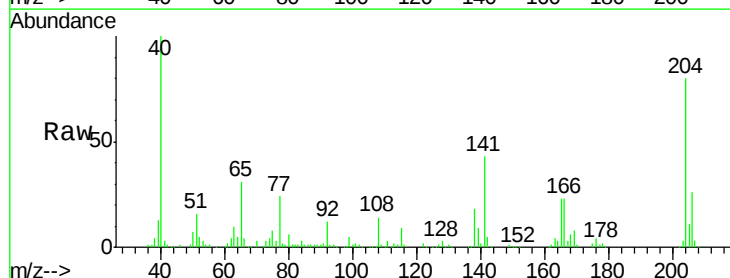
Tgt Ion:204 Resp: 163167

Ion Ratio Lower Upper

204 100

206 32.3 26.9 40.3

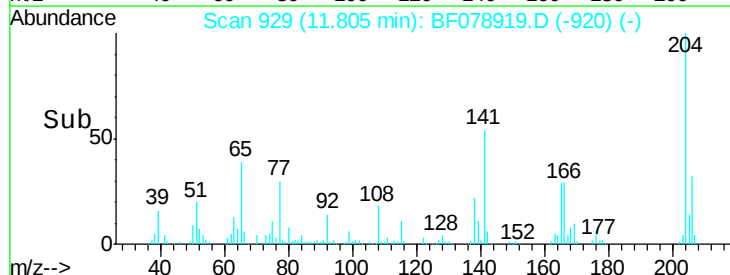
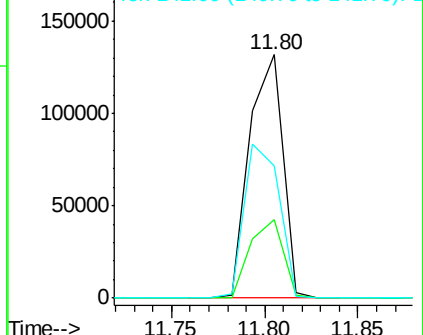
141 54.5 48.3 72.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

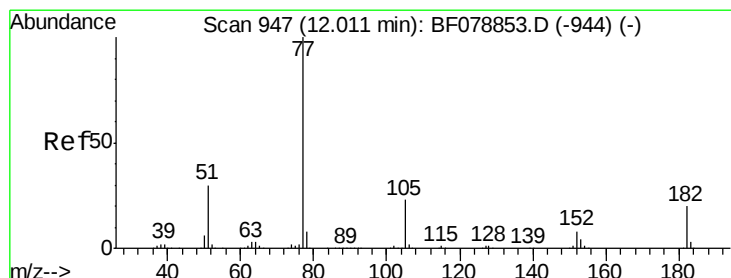
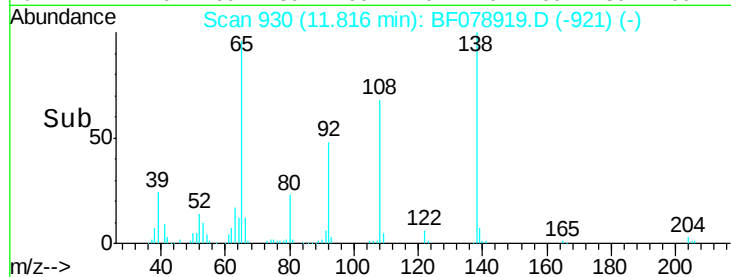
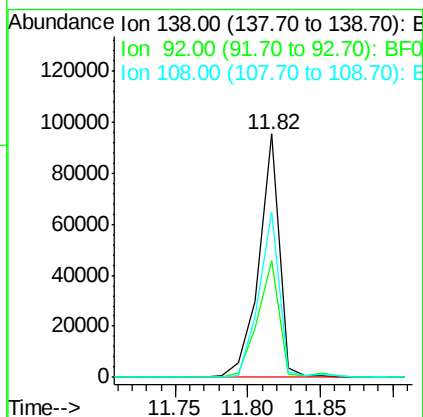
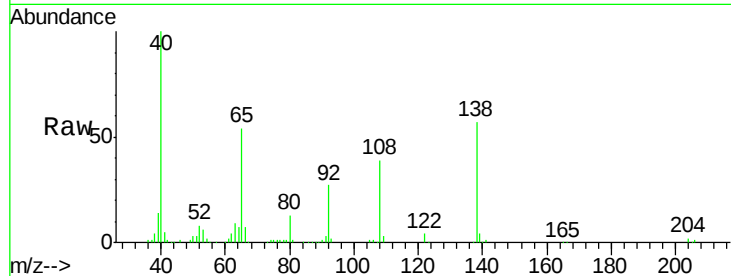




#61
4-Nitroaniline
Concen: 33.88 ng
RT: 11.82 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

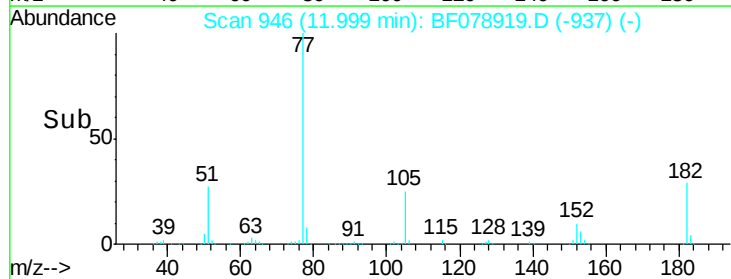
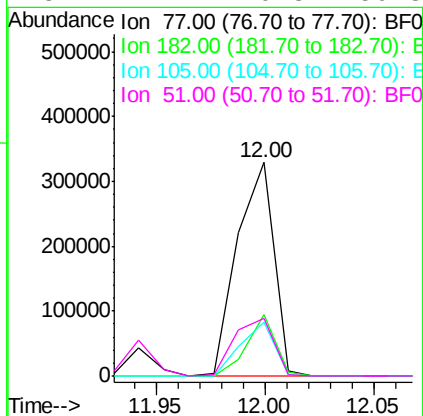
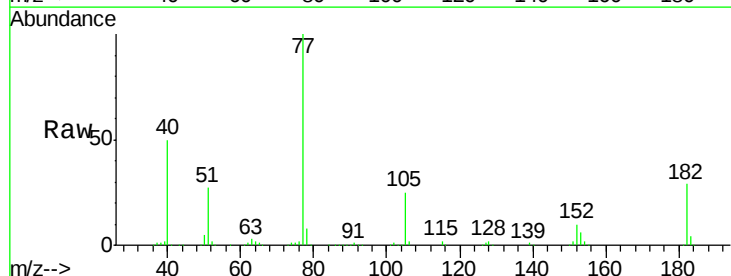
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

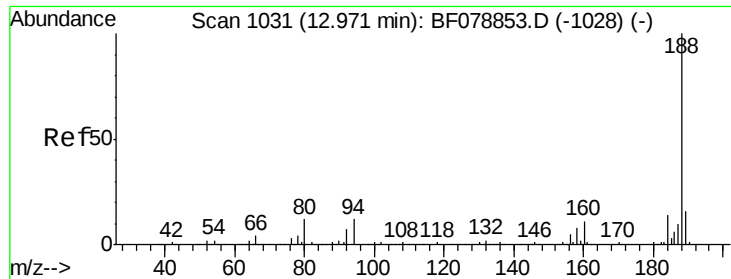
Tot Ion:138 Resp: 94225
Ion Ratio Lower Upper
138 100
92 48.0 28.0 68.0
108 68.0 56.3 96.3



#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





#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

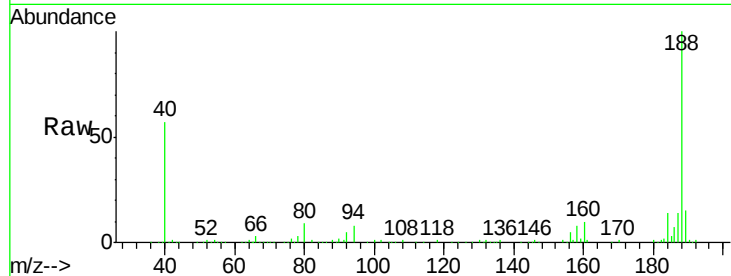
Tot Ion:188 Resp: 302624

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

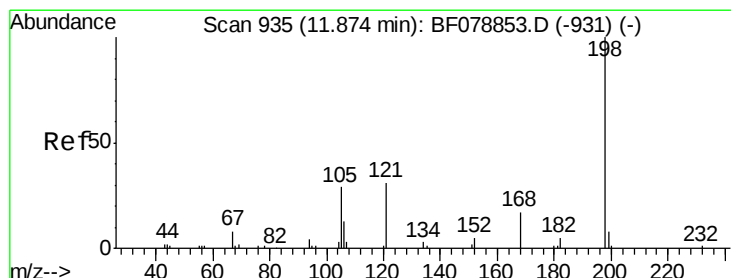
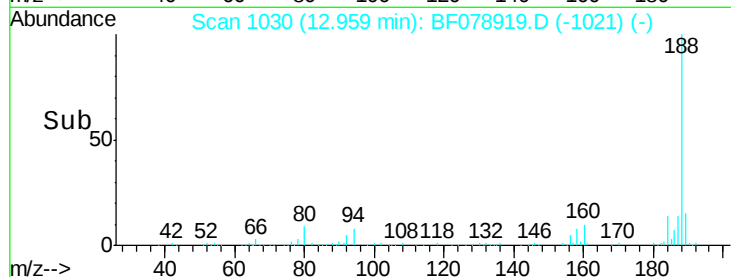
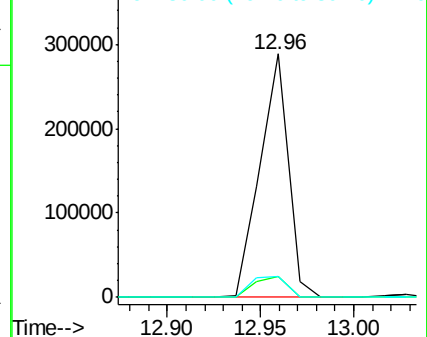
80 8.8 8.9 13.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#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

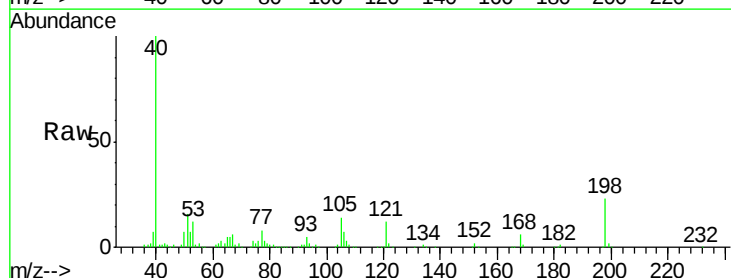
Tgt Ion:198 Resp: 37065

Ion Ratio Lower Upper

198 100

51 68.1 47.3 87.3

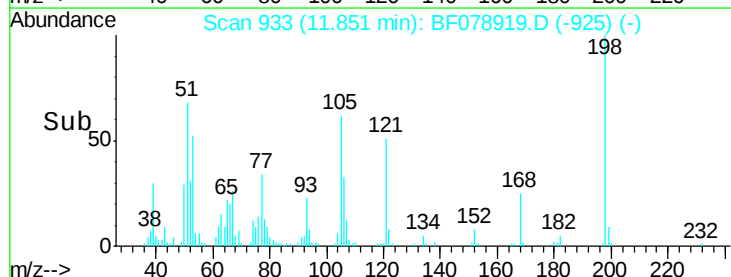
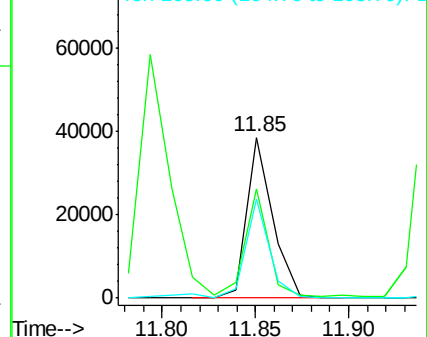
105 61.5 38.8 78.8

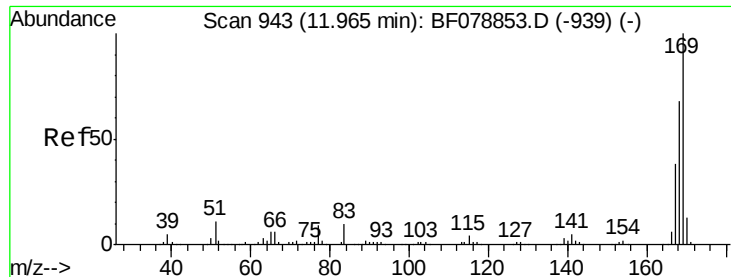


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

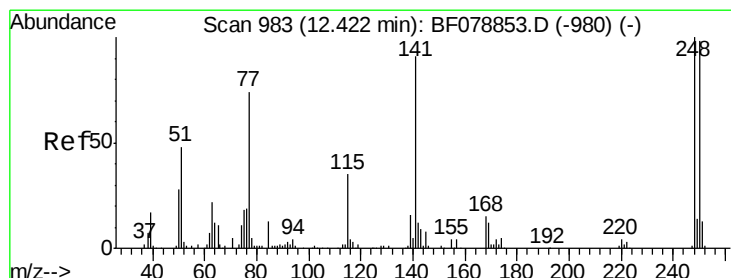
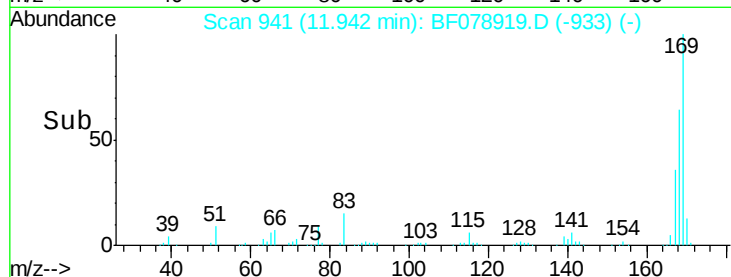
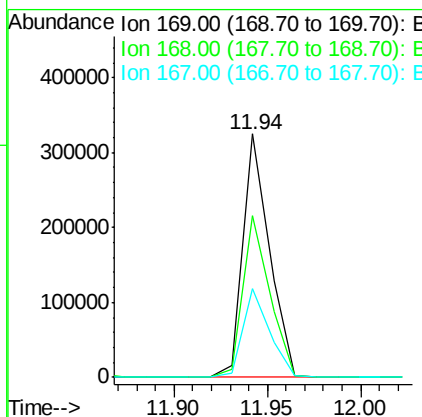
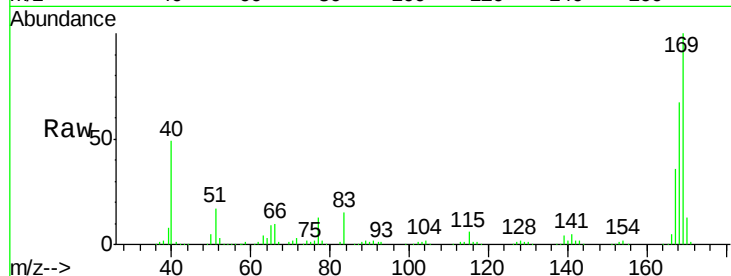




#65
 n-Nitrosodiphenylamine
 Concen: 32.05 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

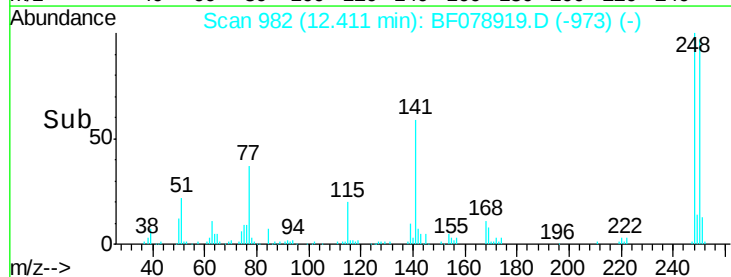
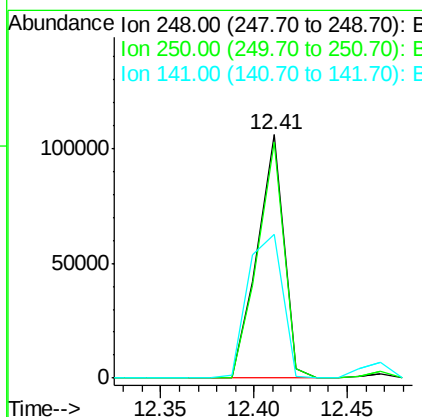
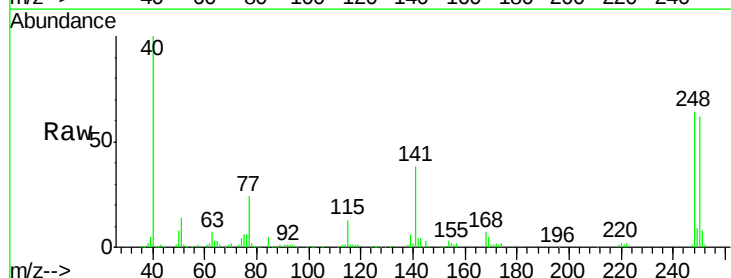
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

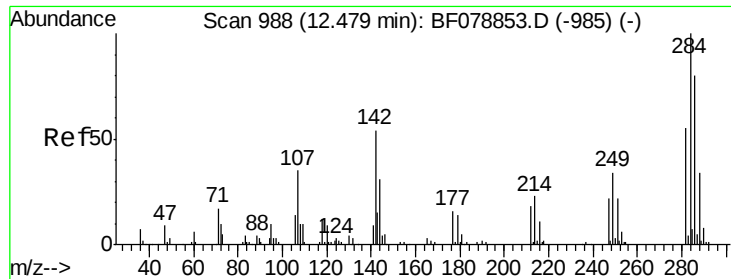
Tot Ion:169 Resp: 323032
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.6 82.0
 167 36.4 30.6 45.8



#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

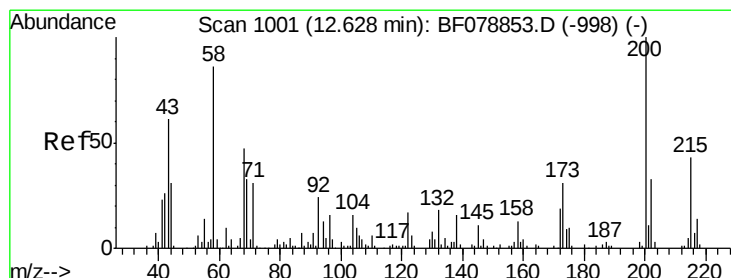
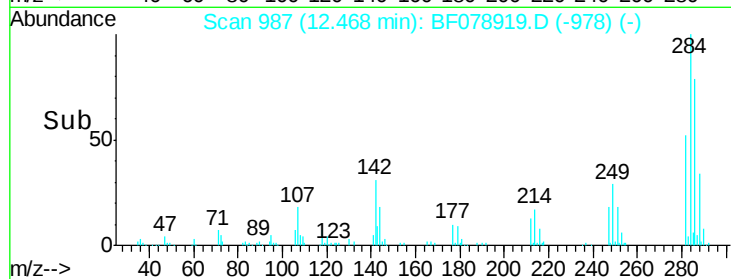
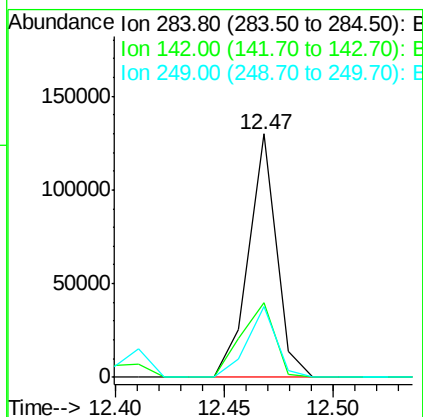
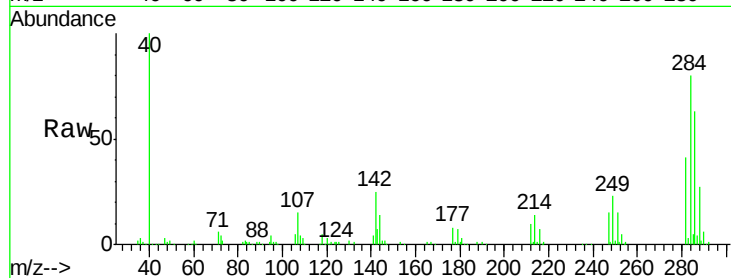




#67
Hexachlorobenzene
Concen: 32.25 ng
RT: 12.47 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

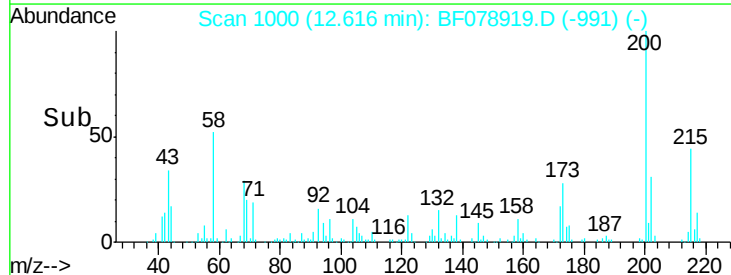
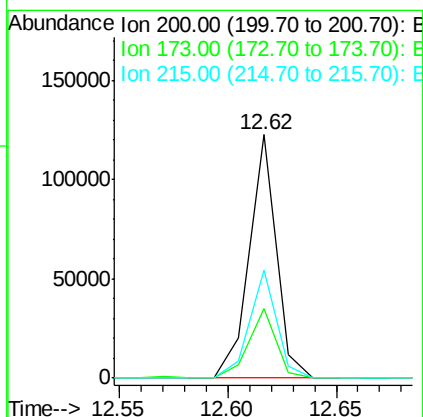
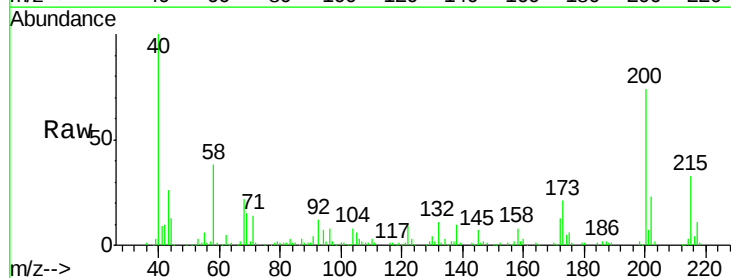
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tot Ion:284 Resp: 116280
Ion Ratio Lower Upper
284 100
142 30.7 35.2 52.8#
249 29.2 25.4 38.2



#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

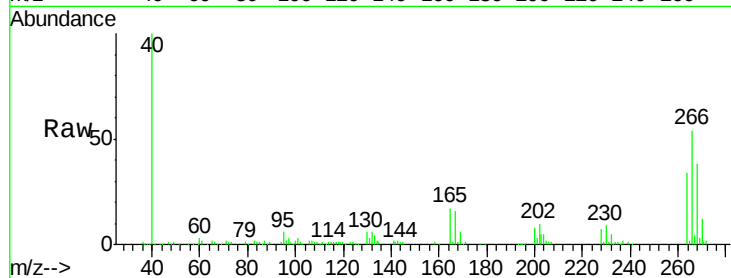




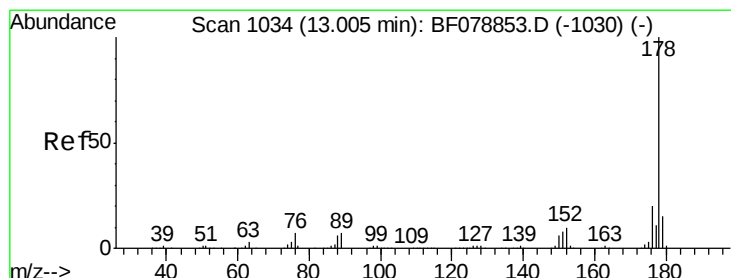
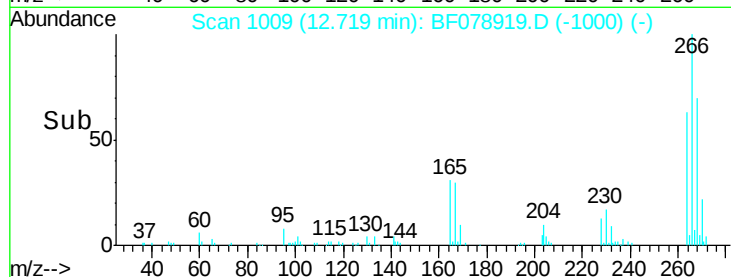
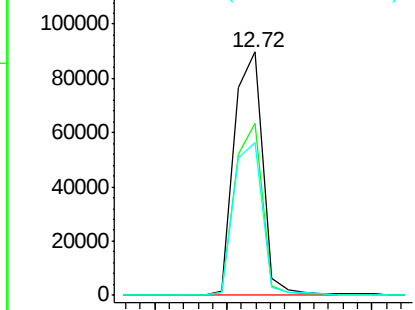
#69
 Pentachlorophenol
 Concen: 59.94 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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

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

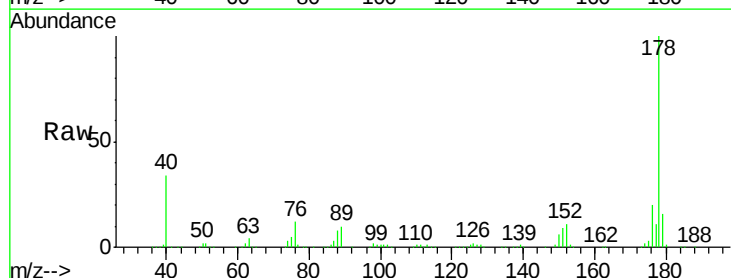


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

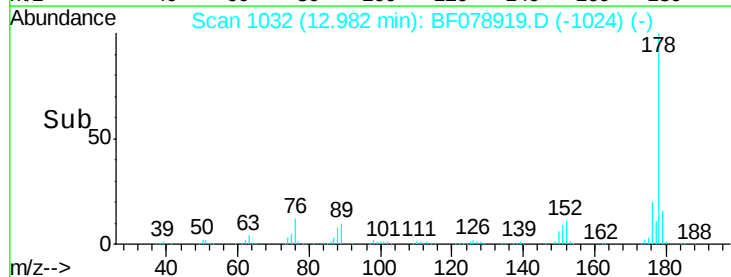
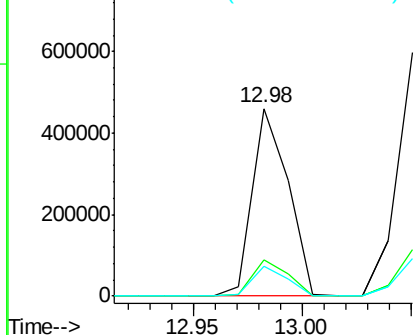


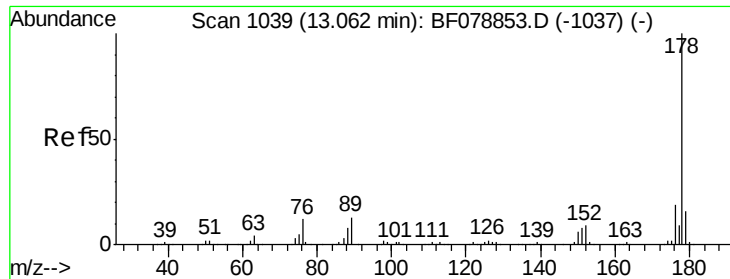
#70
 Phenanthrene
 Concen: 31.22 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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

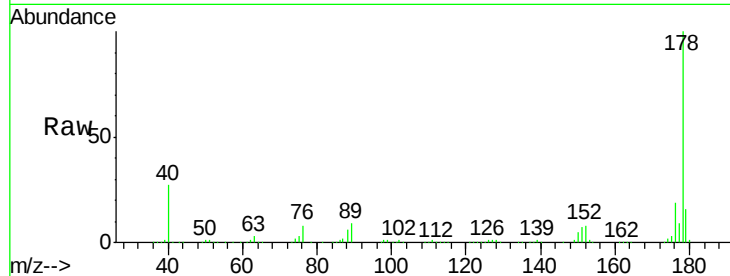




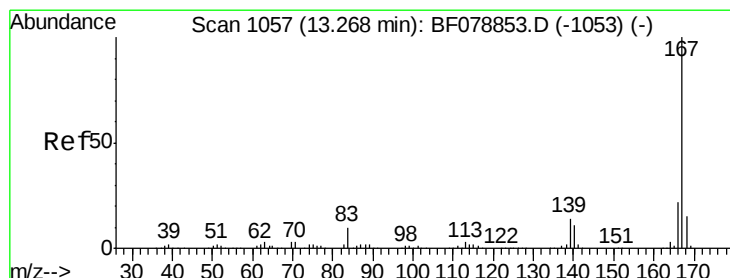
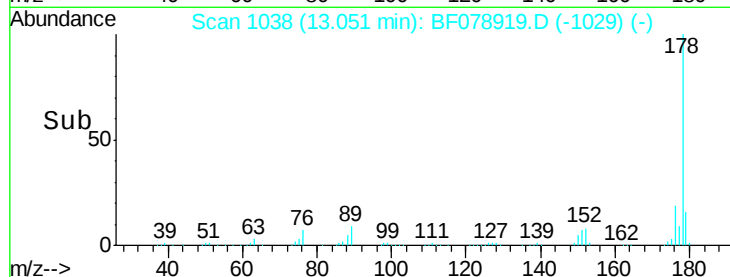
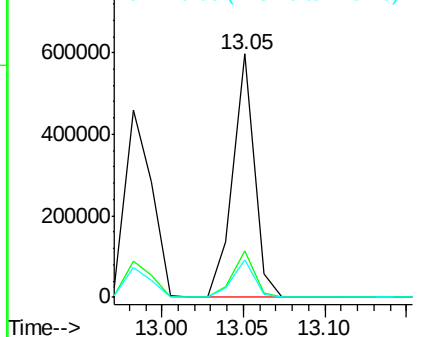
#71
 Anthracene
 Concen: 32.71 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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

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

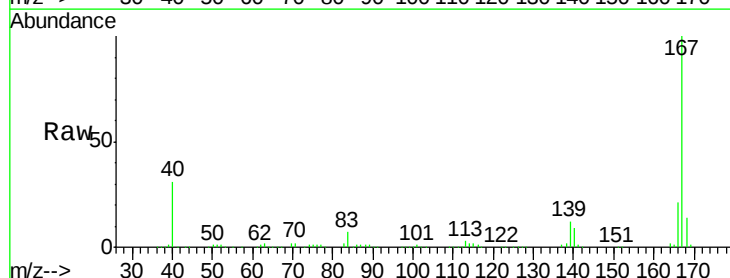


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

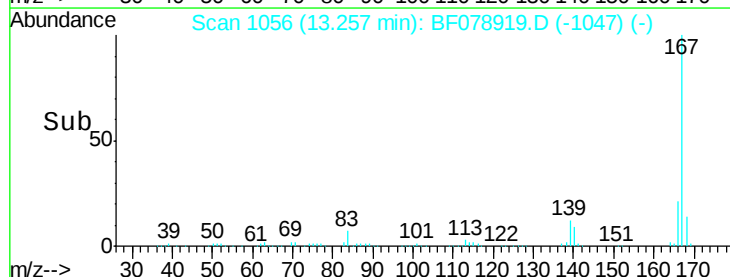
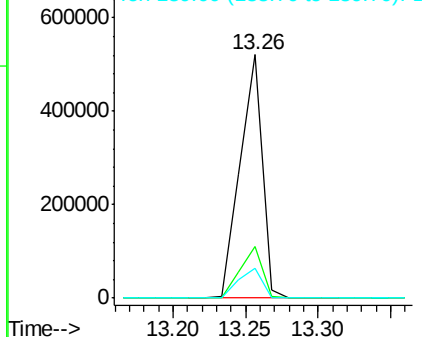


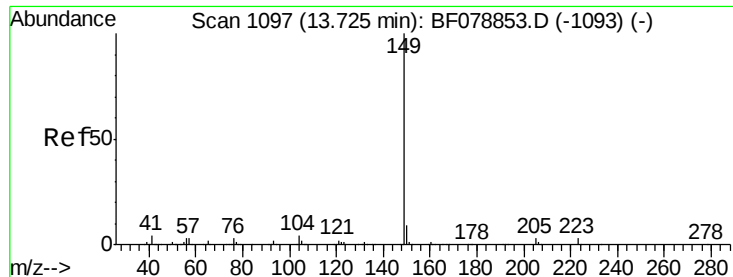
#72
 Carbazole
 Concen: 35.08 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

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

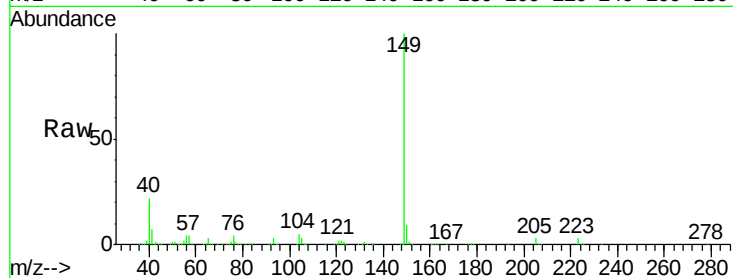
Tot Ion:149 Resp: 635013

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

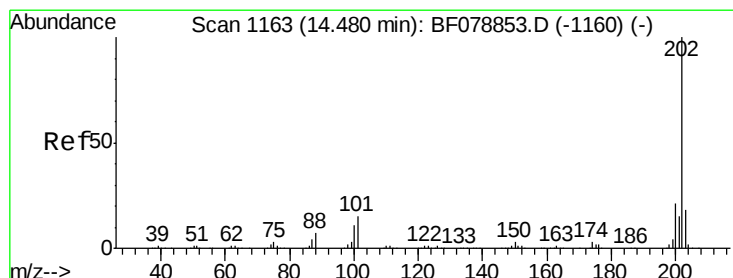
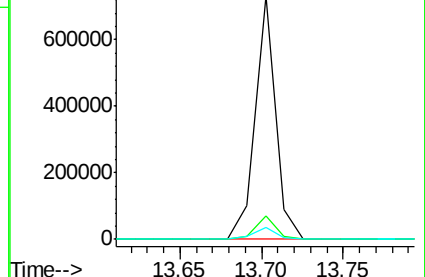
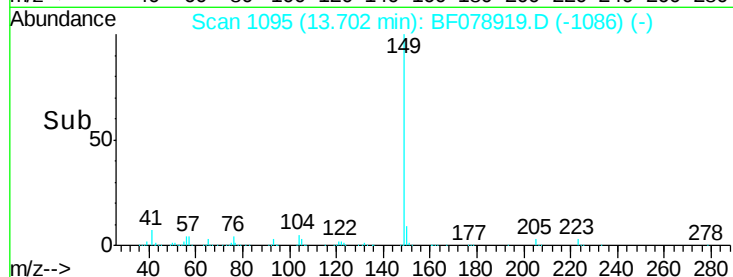
104 4.8 4.6 7.0



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

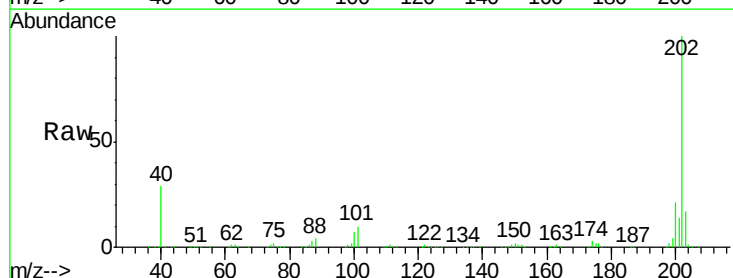
Tgt Ion:202 Resp: 592286

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.6

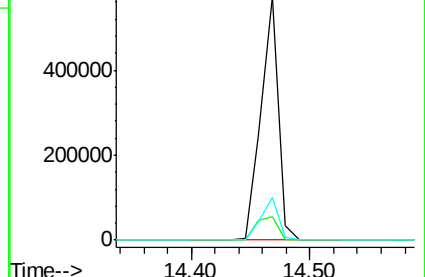
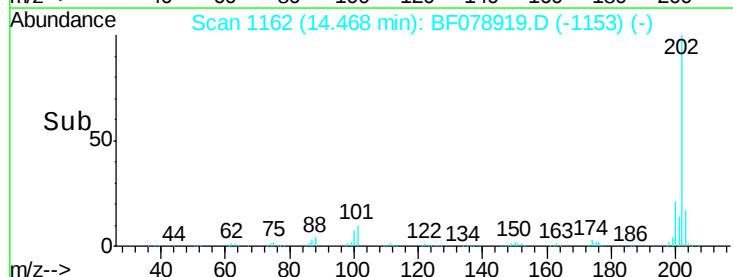
203 17.4 0.0 38.4

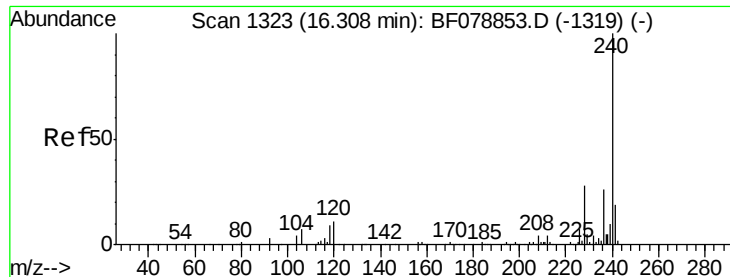


Abundance Ion 202.00 (201.70 to 202.70): E

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

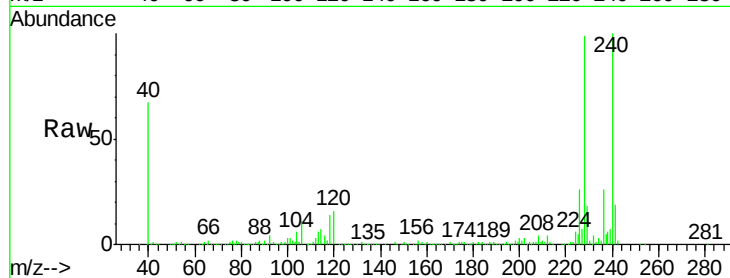
Tot Ion:240 Resp: 305823

Ion Ratio Lower Upper

240 100

120 16.0 9.7 14.5#

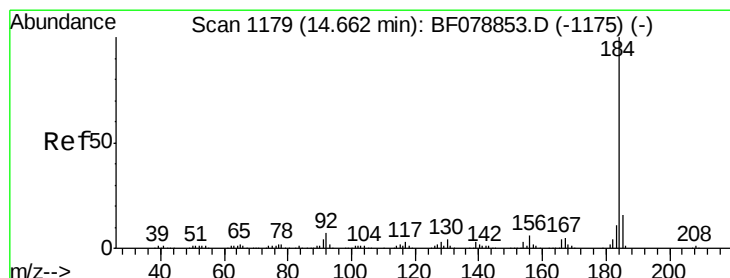
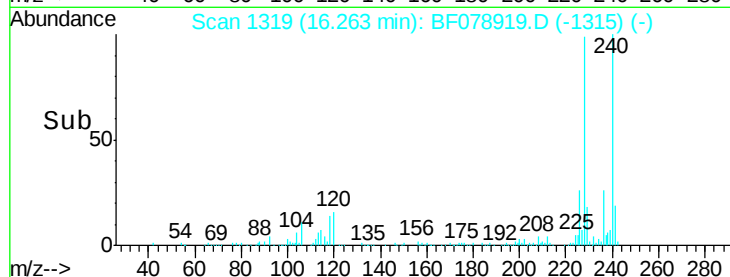
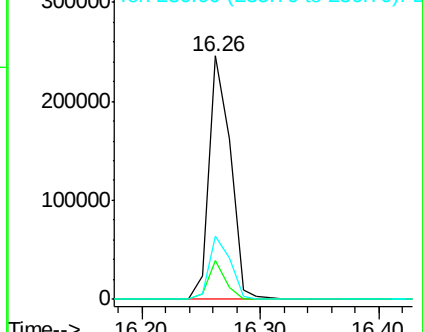
236 26.0 20.2 30.4



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: 15.60 ng m

RT: 14.64 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF078919.D

Acq: 4 May 2015 15:29

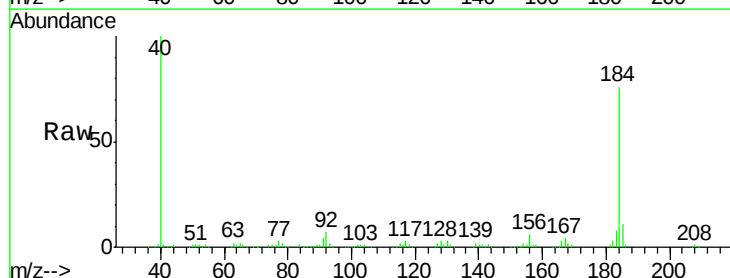
Tgt Ion:184 Resp: 128542

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

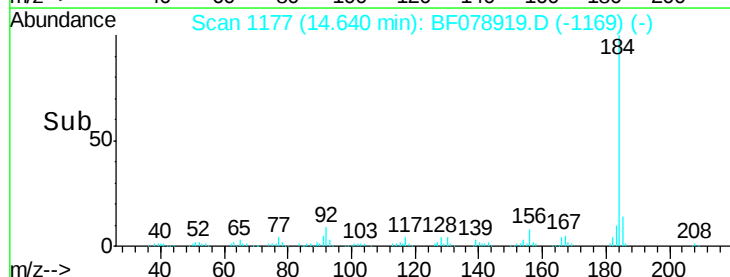
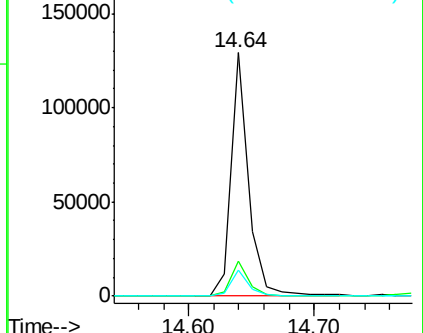
183 10.5 8.4 12.6

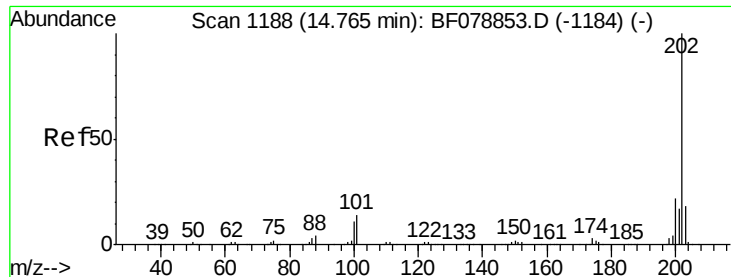


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

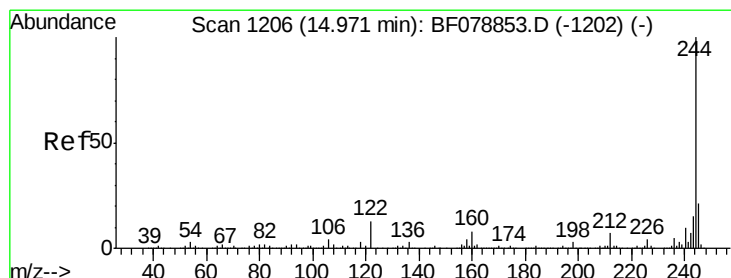
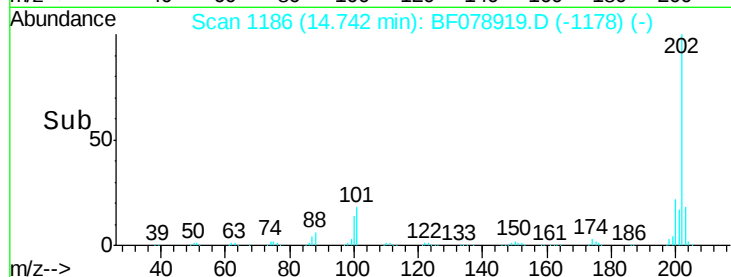
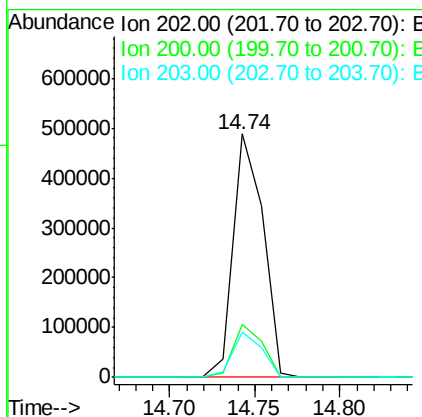
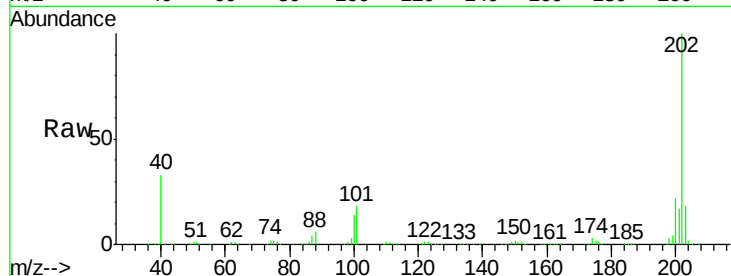




#77
Pvrene
Concen: 34.35 ng m
RT: 14.74 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

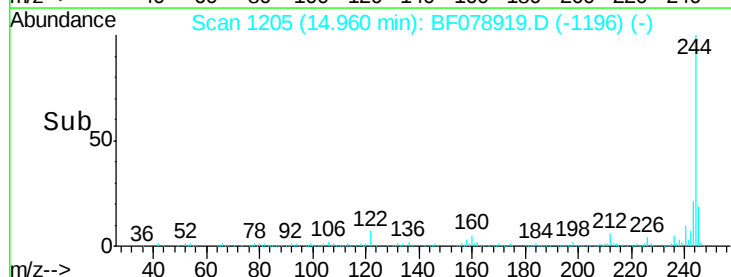
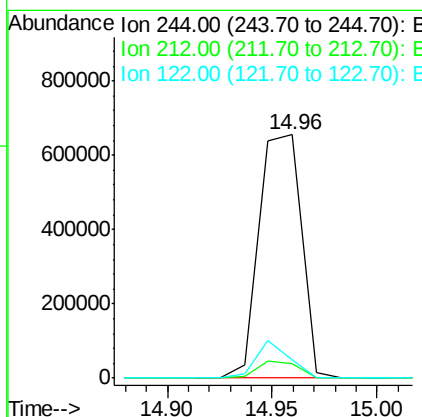
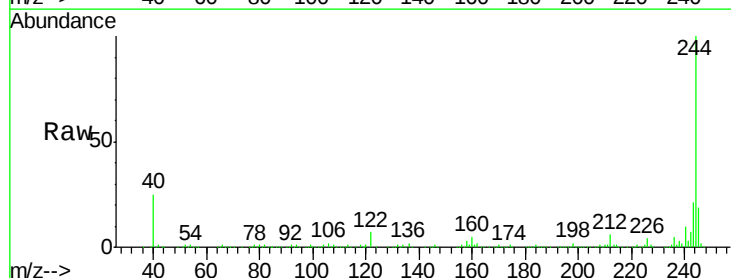
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

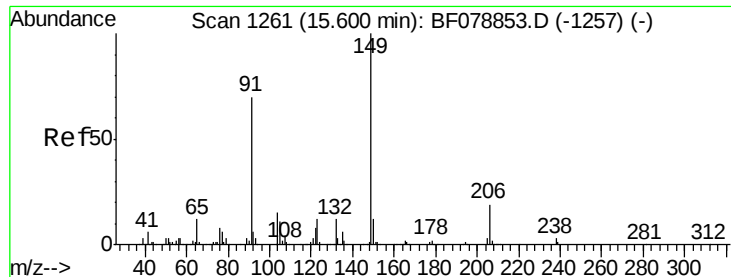
Tot Ion:202 Resp: 605293
Ion Ratio Lower Upper
202 100
200 21.5 17.5 26.3
203 18.5 13.9 20.9



#78
Terphenyl-d14
Concen: 72.29 ng m
RT: 14.96 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion:244 Resp: 923464
Ion Ratio Lower Upper
244 100
212 5.9 5.6 8.4
122 7.4 10.3 15.5#

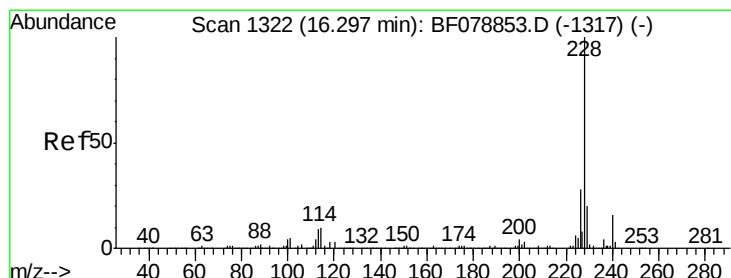
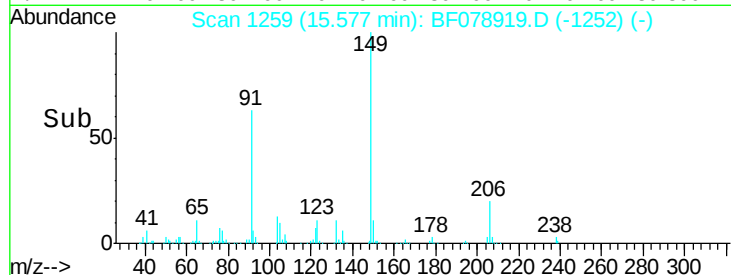
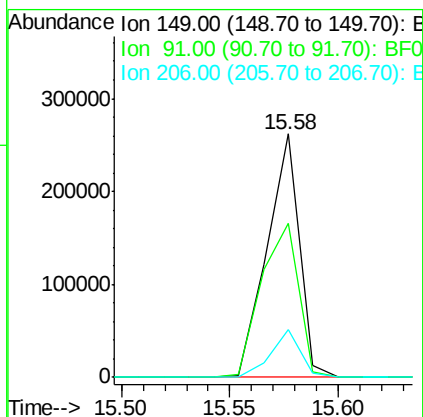
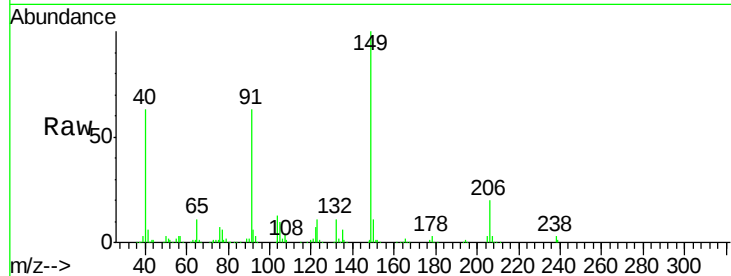




#79
Butylbenzylphthalate
Concen: 35.62 ng
RT: 15.58 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

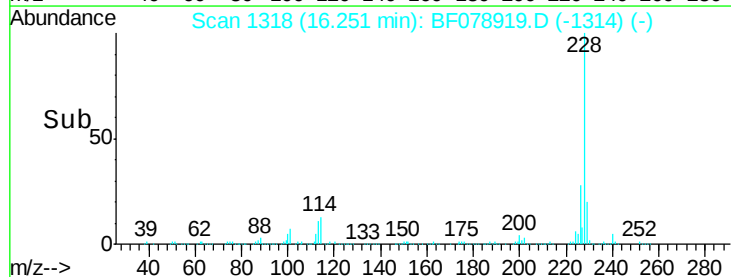
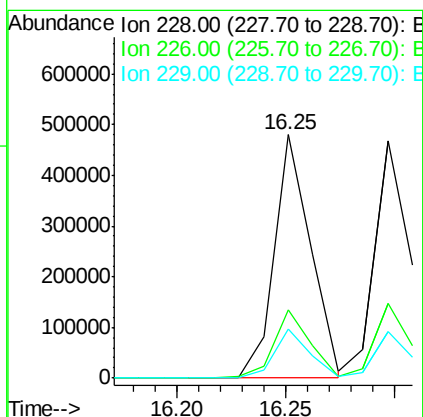
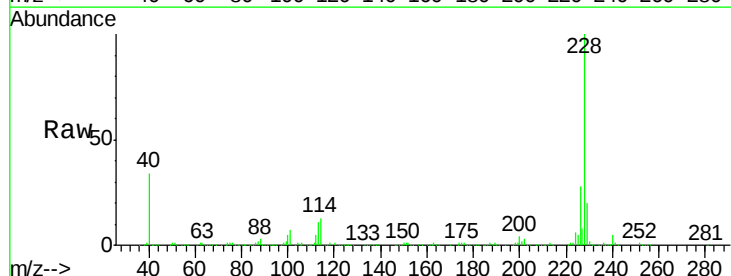
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tot 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	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	15.9	23.9

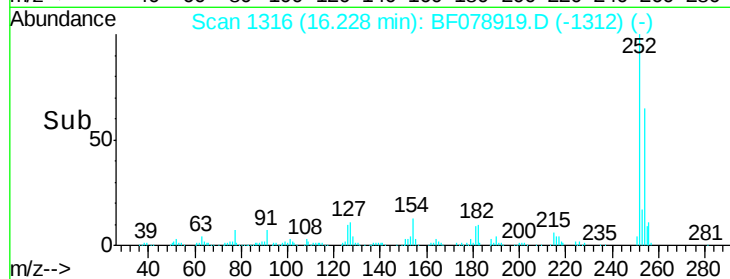
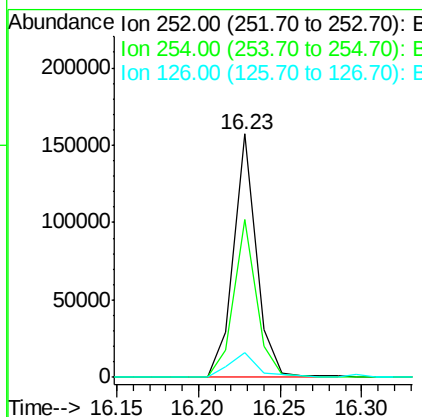
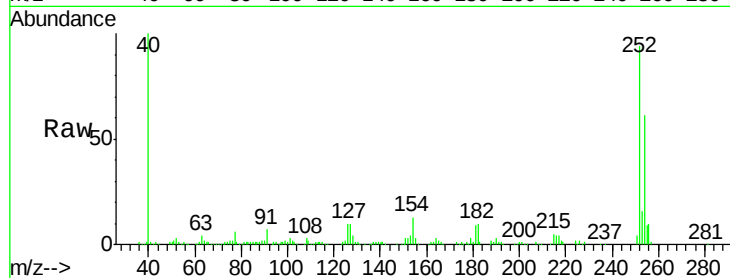




#81
 3,3'-Dichlorobenzidine
 Concen: 25.69 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.06 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

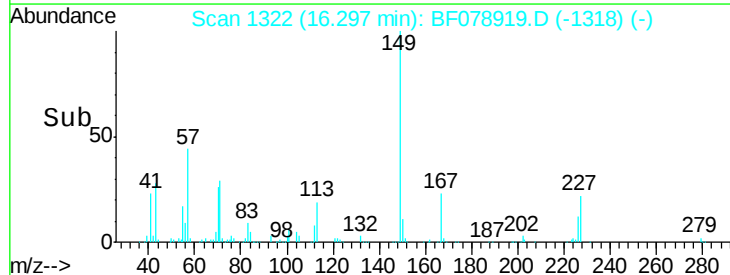
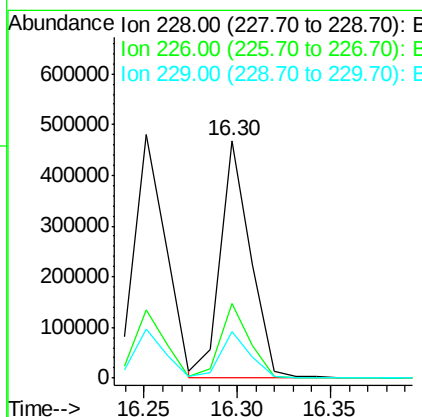
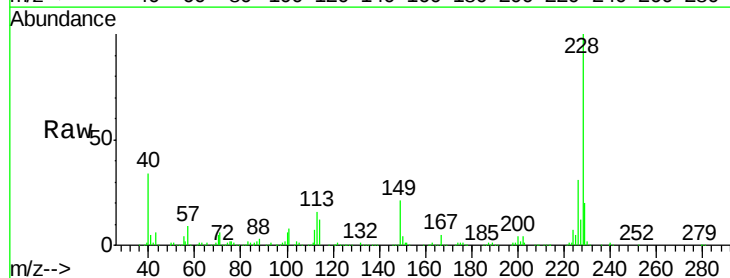
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

Tot Ion:252 Resp: 153279
 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:228 Resp: 522579
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 19.7 16.0 24.0

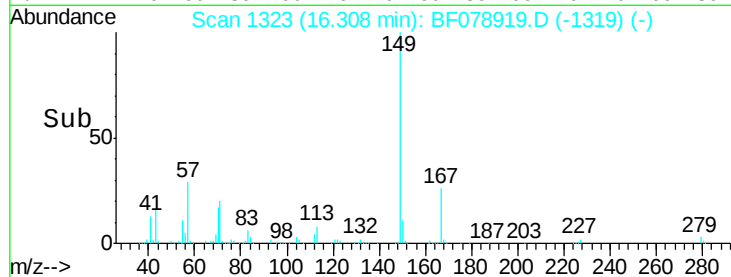
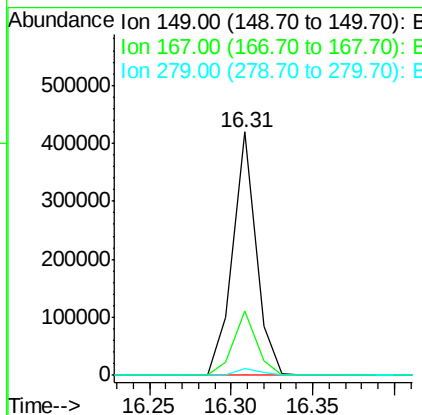
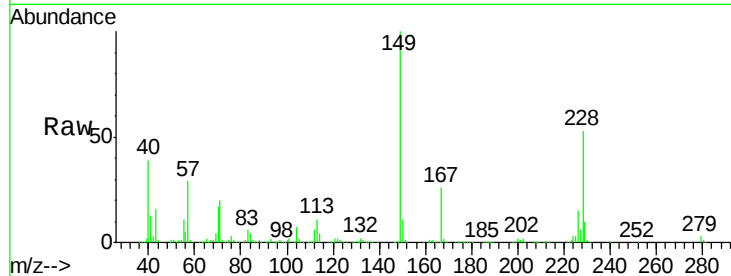




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.83 ng
 RT: 16.31 min Scan# 1323
 Delta R.T. -0.06 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

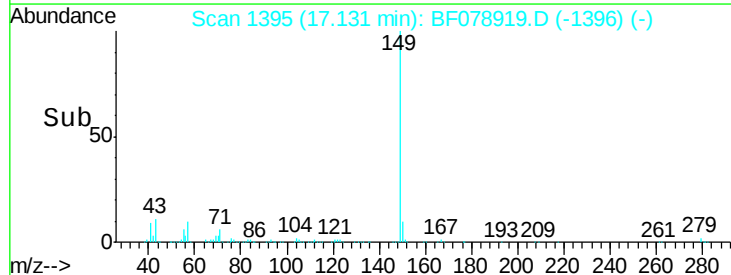
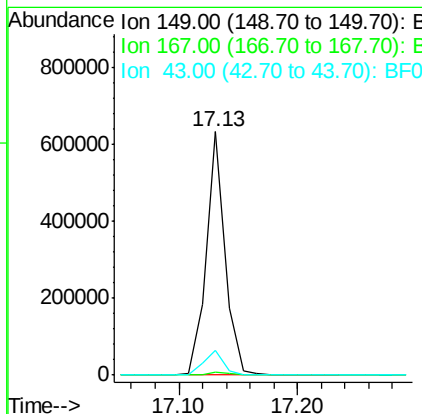
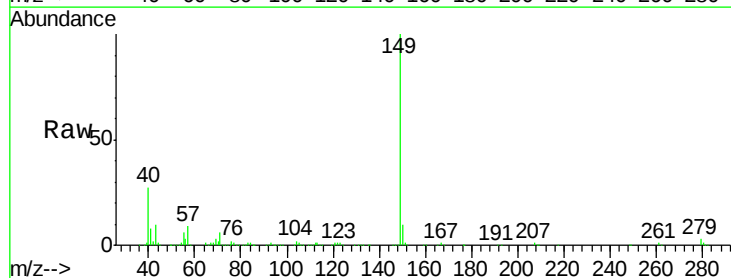
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

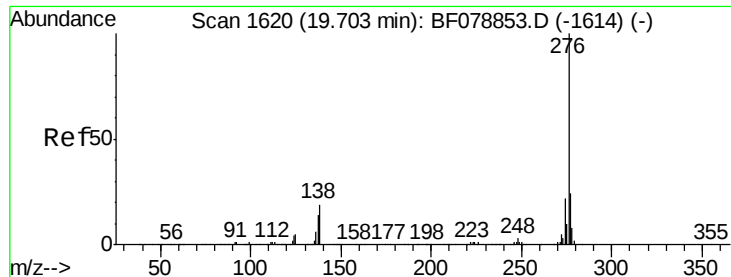
Tot Ion:149 Resp: 418124
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.8 32.8
 279 2.9 2.9 4.3



#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#

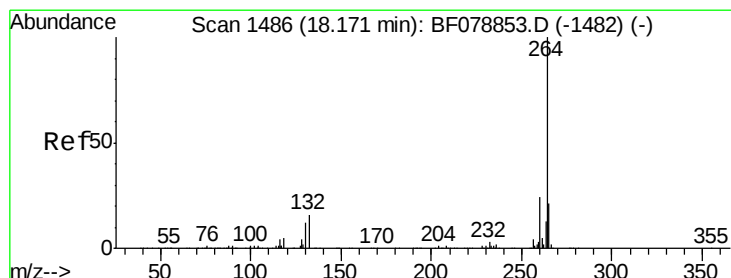
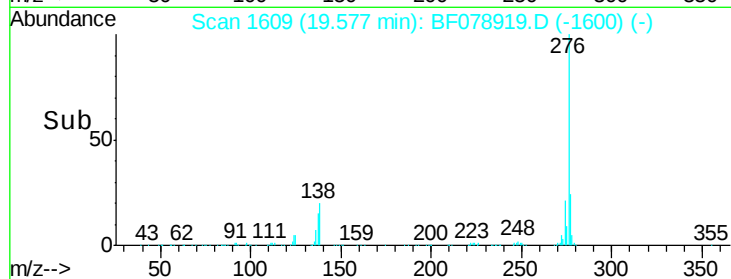
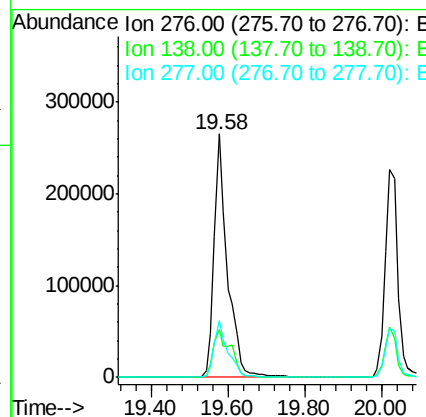
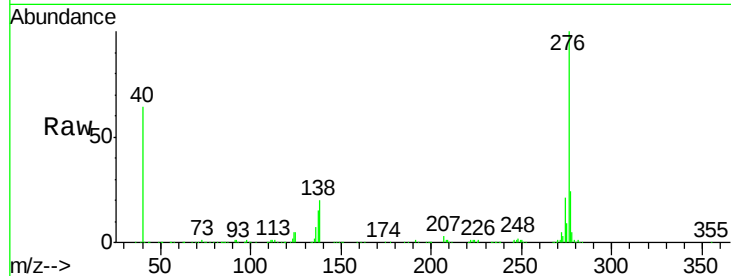




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.26 ng
 RT: 19.58 min Scan# 1609
 Delta R.T. -0.19 min
 Lab File: BF078919.D
 Acq: 4 May 2015 15:29

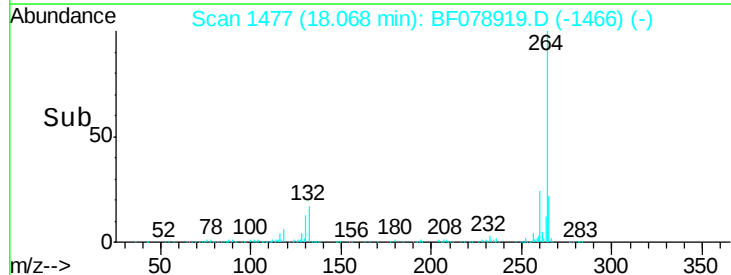
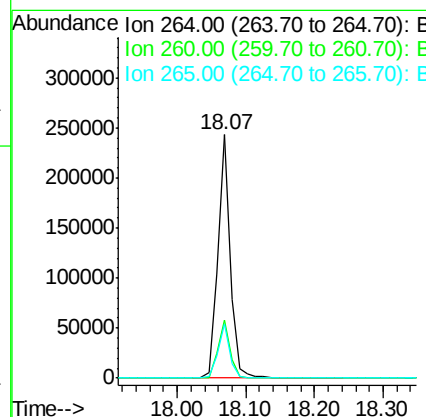
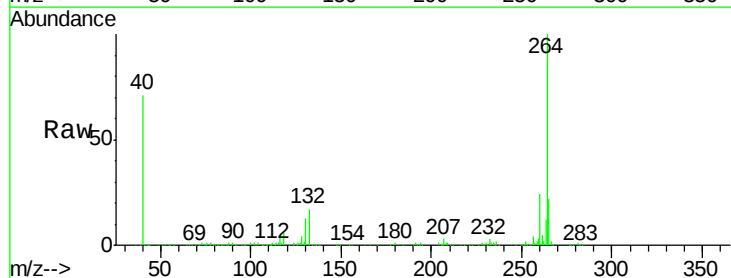
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-BB1-BB2MSD

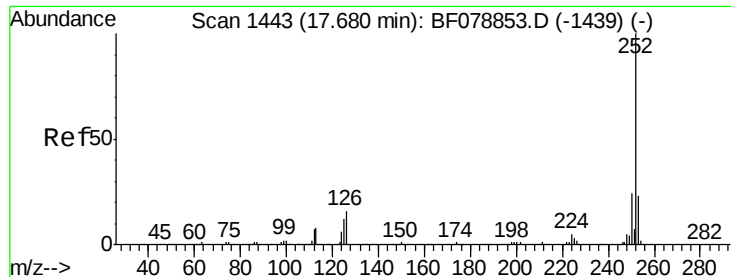
Tot Ion:276 Resp: 641478
 Ion Ratio Lower Upper
 276 100
 138 25.3 0.0 0.0#
 277 24.3 0.0 0.0#



#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

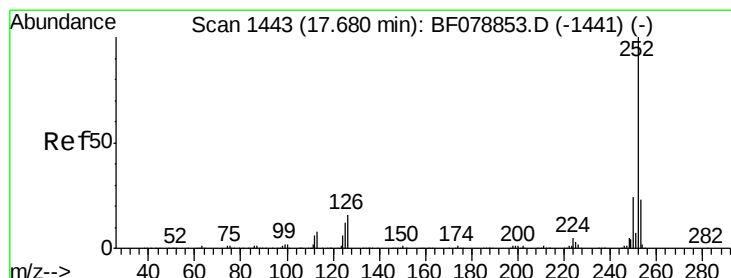
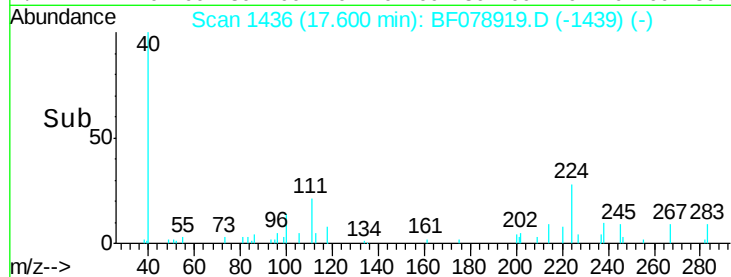
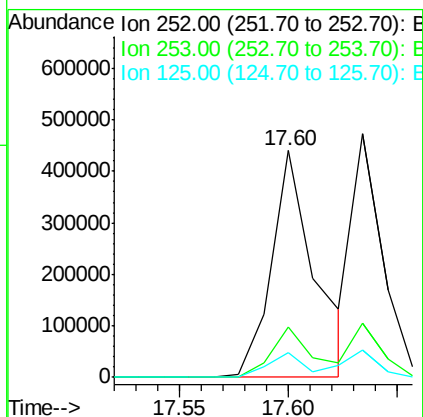
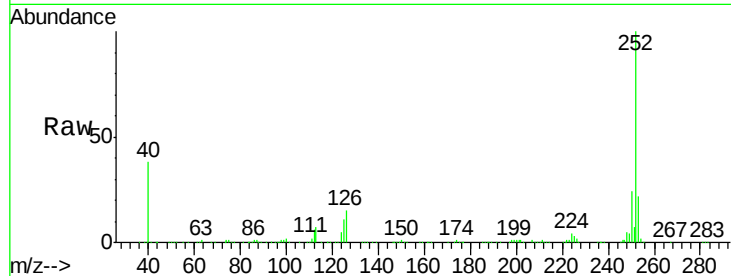




#87
Benzo(b)fluoranthene
Concen: 36.13 ng
RT: 17.60 min Scan# 1436
Delta R.T. -0.14 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

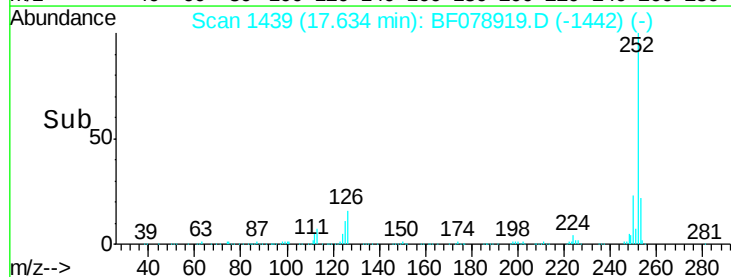
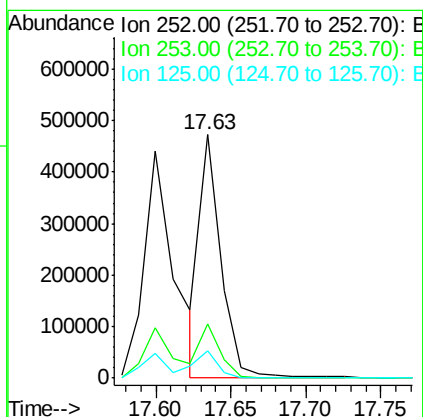
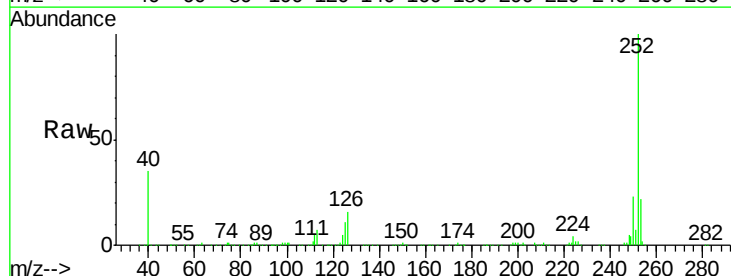
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

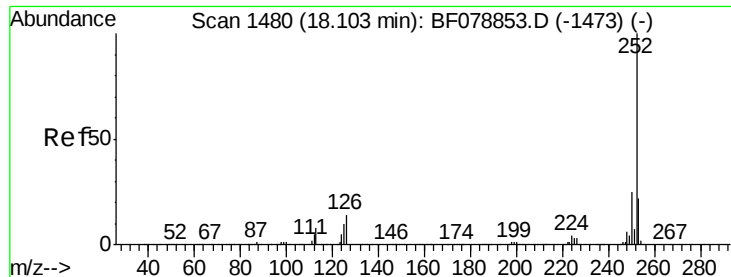
Tot Ion:252 Resp: 611876
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.0 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 28.82 ng m
RT: 17.63 min Scan# 1439
Delta R.T. -0.14 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

Tgt Ion:252 Resp: 472563
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.1 10.0 15.0

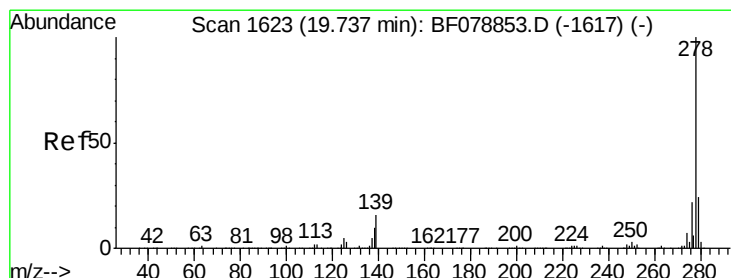
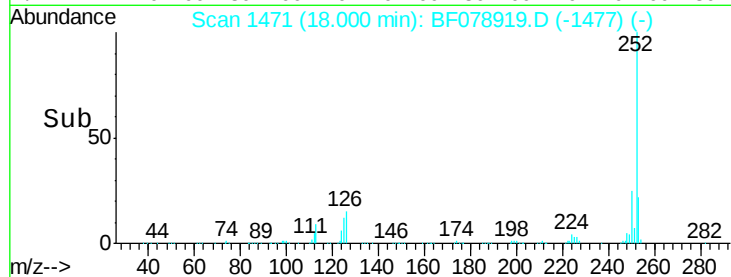
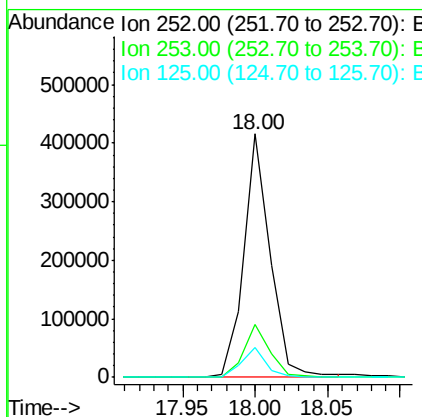
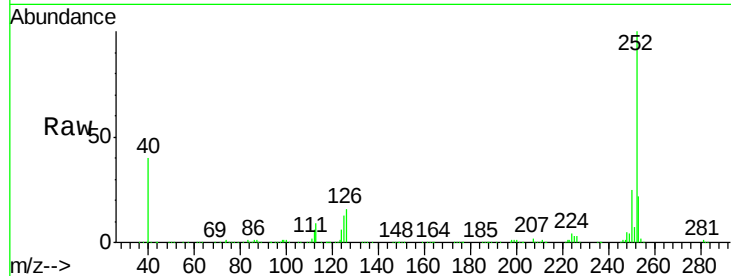




#89
Benzo(a)pyrene
Concen: 33.61 ng
RT: 18.00 min Scan# 1471
Delta R.T. -0.17 min
Lab File: BF078919.D
Acq: 4 May 2015 15:29

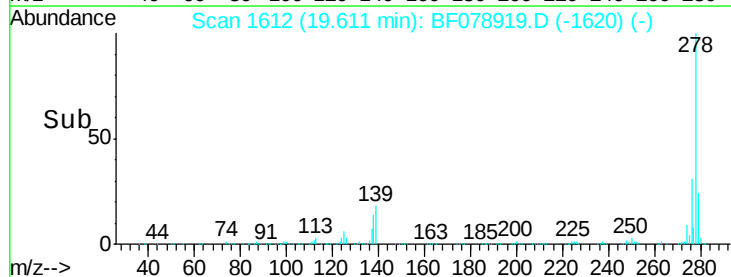
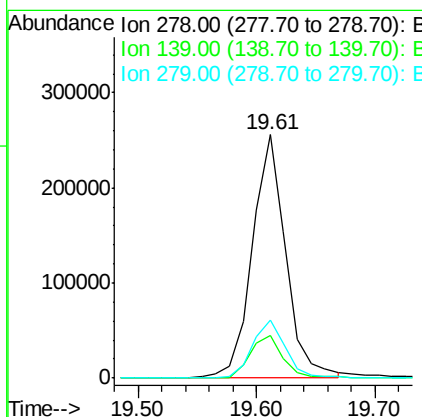
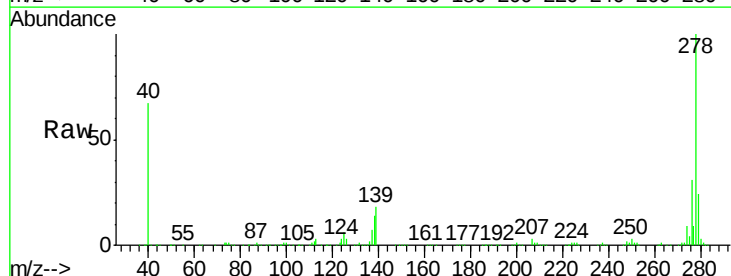
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-BB1-BB2MSD

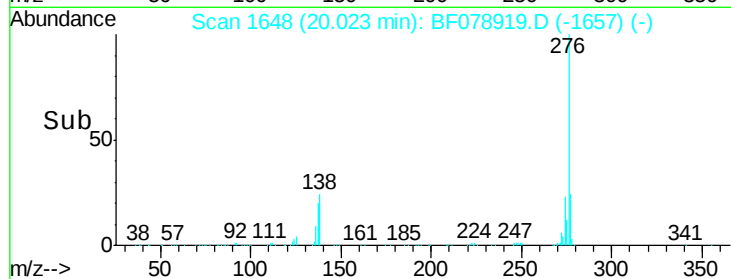
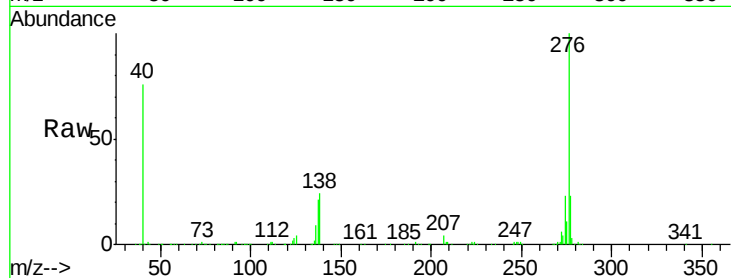
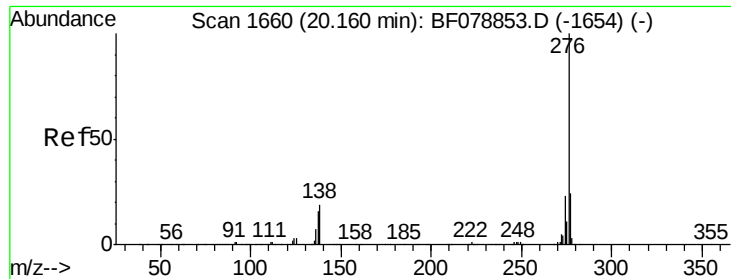
Tot Ion:252 Resp: 524105
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 12.5 7.0 10.6#



#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:278 Resp: 506006
Ion Ratio Lower Upper
278 100
139 17.6 12.8 19.2
279 24.0 19.6 29.4





#91

Benzo(a,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

Tot Ion:276 Resp: 520362

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 24.2 17.4 26.0

