

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079057.D
 Acq On : 9 May 2015 00:27
 Operator : TP/IZ
 Sample : PB83273BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Quant Time: May 09 01:11:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	71198	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	293812	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	144124	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	267058	20.00	ng	-0.01
75) Chrysene-d12	16.22	240	256947	20.00	ng	-0.03
86) Perylene-d12	17.93	264	258938	20.00	ng	-0.15

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	552887	133.67	ng	0.00
7) Phenol-d6	6.88	99	705076	128.96	ng	-0.01
23) Nitrobenzene-d5	8.01	82	399036	78.05	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	204666	131.27	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	798362	77.18	ng	-0.01
78) Terphenyl-d14	14.91	244	903033	84.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	68968	38.35	ng	# 24
3) Pyridine	3.05	79	204818	38.92	ng	100
4) n-Nitrosodimethylamine	2.97	42	77644	34.43	ng	85
6) Aniline	6.91	93	184231	23.87	ng	98
8) 2-Chlorophenol	7.05	128	202108	43.08	ng	97
9) Benzaldehyde	6.76	77	107039	29.06	ng	91
10) Phenol	6.90	94	264157	41.65	ng	88
11) bis(2-Chloroethyl)ether	7.00	93	186132	40.03	ng	98
12) 1,3-Dichlorobenzene	7.24	146	218177	41.38	ng	95
13) 1,4-Dichlorobenzene	7.35	146	217387	40.06	ng	97
14) 1,2-Dichlorobenzene	7.53	146	207929	41.16	ng	97
15) Benzyl Alcohol	7.50	79	166125	40.93	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.68	45	293768	41.30	ng	99
17) 2-Methylphenol	7.64	107	169265	44.84	ng	98
18) Hexachloroethane	7.94	117	76921	41.15	ng	# 87
19) n-Nitroso-di-n-propylamine	7.83	70	145101	39.29	ng	96
20) 3+4-Methylphenols	7.84	107	219469	43.63	ng	# 50
22) Acetophenone	7.83	105	288281	43.43	ng	96
24) Nitrobenzene	8.03	77	207542	40.96	ng	95
25) Isophorone	8.33	82	376049	39.68	ng	98
26) 2-Nitrophenol	8.43	139	99466	47.42	ng	95
27) 2,4-Dimethylphenol	8.49	122	194985	46.46	ng	97
28) bis(2-Chloroethoxy)methane	8.62	93	237265	40.61	ng	99
29) 2,4-Dichlorophenol	8.73	162	168673	45.20	ng	92
30) 1,2,4-Trichlorobenzene	8.83	180	169559	41.36	ng	97
31) Naphthalene	8.92	128	603406	43.10	ng	99
32) Benzoic acid	8.59	122	100999	39.68	ng	96
33) 4-Chloroaniline	8.99	127	129335	21.83	ng	99
34) Hexachlorobutadiene	9.07	225	91902	38.93	ng	96
35) Caprolactam	9.43	113	55244	45.78	ng	89
36) 4-Chloro-3-methylphenol	9.60	107	179644	45.83	ng	97
37) 2-Methylnaphthalene	9.78	142	402228	41.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	161521	39.79	ng	# 100
40) Hexachlorocyclopentadiene	9.98	237	165907	81.28	ng	97

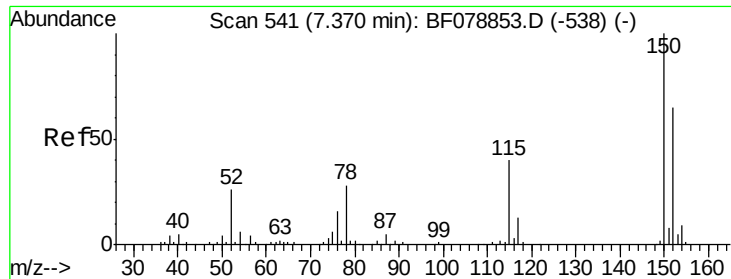
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079057.D
 Acq On : 9 May 2015 00:27
 Operator : TP/IZ
 Sample : PB83273BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Quant Time: May 09 01:11:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	117683	42.17	ng	97
43) 2,4,5-Trichlorophenol	10.18	196	125617	44.52	ng #	89
45) 1,1'-Biphenyl	10.36	154	486887	42.49	ng	98
46) 2-Chloronaphthalene	10.39	162	381233	42.66	ng	96
47) 2-Nitroaniline	10.51	65	111875	43.20	ng	96
48) Acenaphthylene	10.90	152	622113	42.40	ng	99
49) Dimethylphthalate	10.75	163	445766	42.14	ng	100
50) 2,6-Dinitrotoluene	10.82	165	89825	43.03	ng	94
51) Acenaphthene	11.12	154	352642	40.30	ng	98
52) 3-Nitroaniline	11.03	138	78118	29.96	ng #	97
53) 2,4-Dinitrophenol	11.16	184	66944	77.31	ng #	75
54) Dibenzofuran	11.32	168	532354	42.12	ng	97
55) 4-Nitrophenol	11.24	139	188490	91.33	ng	95
56) 2,4-Dinitrotoluene	11.32	165	129395	46.89	ng #	72
57) Fluorene	11.76	166	437929	42.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.48	232	96913	42.04	ng #	100
59) Diethylphthalate	11.63	149	445598	42.52	ng	99
60) 4-Chlorophenyl-phenylether	11.76	204	187762	40.80	ng	90
61) 4-Nitroaniline	11.78	138	105728	40.53	ng	92
62) Azobenzene	11.95	77	437966	42.42	ng	94
64) 4,6-Dinitro-2-methylphenol	11.83	198	47730	44.27	ng #	63
65) n-Nitrosodiphenylamine	11.91	169	373452	41.99	ng	99
66) 4-Bromophenyl-phenylether	12.36	248	117147	42.08	ng #	83
67) Hexachlorobenzene	12.43	284	137783	43.31	ng #	82
68) Atrazine	12.58	200	120227	46.49	ng	98
69) Pentachlorophenol	12.69	266	125338	68.42	ng	98
70) Phenanthrene	12.95	178	641060	42.91	ng	100
71) Anthracene	13.02	178	651705	44.46	ng	100
72) Carbazole	13.22	167	620773	44.44	ng	98
73) Di-n-butylphthalate	13.67	149	743070	44.35	ng #	97
74) Fluoranthene	14.43	202	665726	42.76	ng	91
76) Benzidine	14.61	184	332523	48.02	ng	98
77) Pyrene	14.71	202	701172	47.36	ng	99
79) Butylbenzylphthalate	15.53	149	315824	48.80	ng	91
80) Benzo(a)anthracene	16.19	228	624861	44.41	ng	99
81) 3,3'-Dichlorobenzidine	16.17	252	146270	29.18	ng #	98
82) Chrysene	16.24	228	573330	42.36	ng	100
83) Bis(2-ethylhexyl)phthalate	16.25	149	461973	47.12	ng	100
84) Di-n-octyl phthalate	17.03	149	805666	46.66	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.42	276	734888	42.62	ng #	100
87) Benzo(b)fluoranthene	17.49	252	711363	50.19	ng	99
88) Benzo(k)fluoranthene	17.49	252	711363	51.85	ng	99
89) Benzo(a)pyrene	17.87	252	601460	46.09	ng	98
90) Dibenzo(a,h)anthracene	19.44	278	593139	42.77	ng	97
91) Benzo(g,h,i)perylene	19.86	276	604838	43.51	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

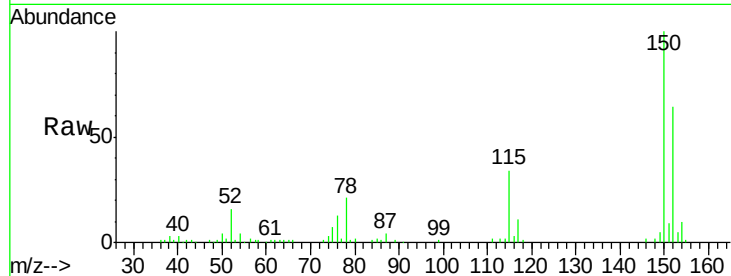
Tgt Ion:152 Resp: 71198

Ion Ratio Lower Upper

152 100

150 155.2 122.0 183.0

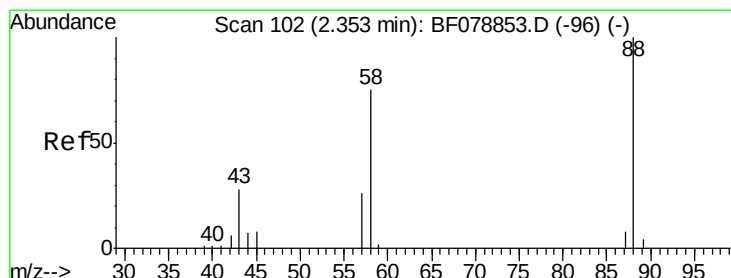
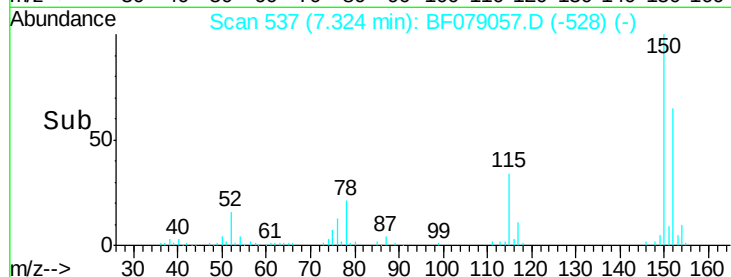
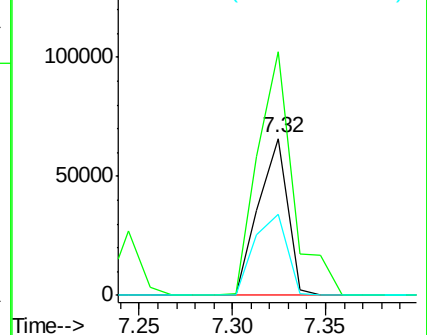
115 52.1 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.35 ng

RT: 2.31 min Scan# 98

Delta R.T. 0.03 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

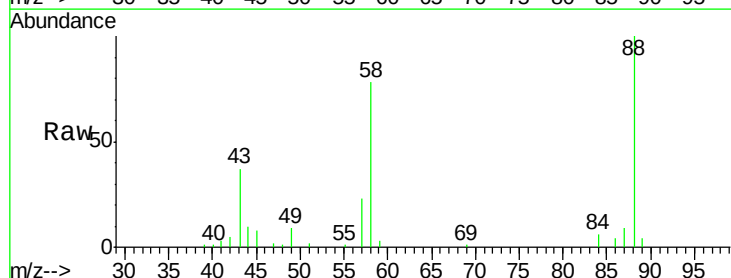
Tgt Ion: 88 Resp: 68968

Ion Ratio Lower Upper

88 100

58 75.9 0.0 0.0#

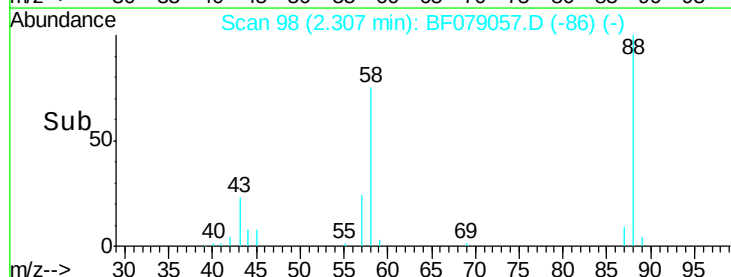
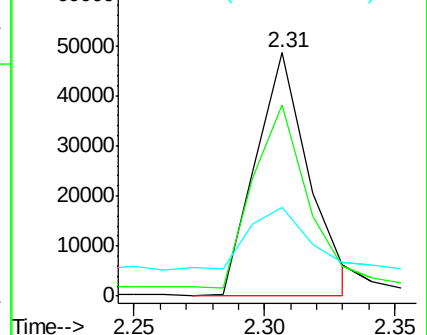
43 29.1 3.3 4.9#

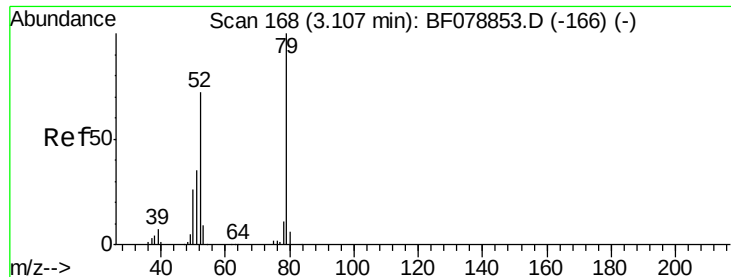


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.92 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

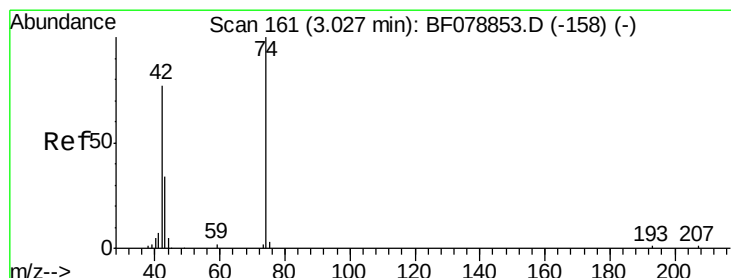
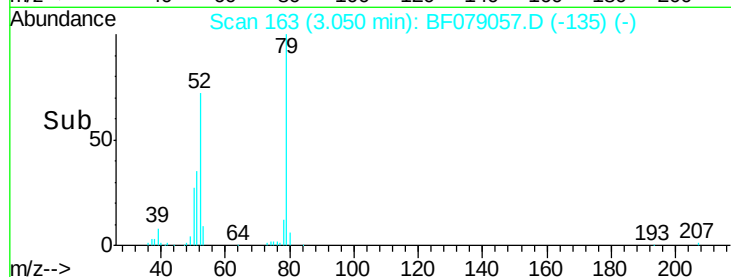
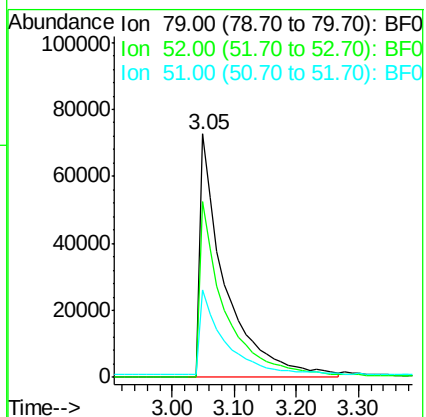
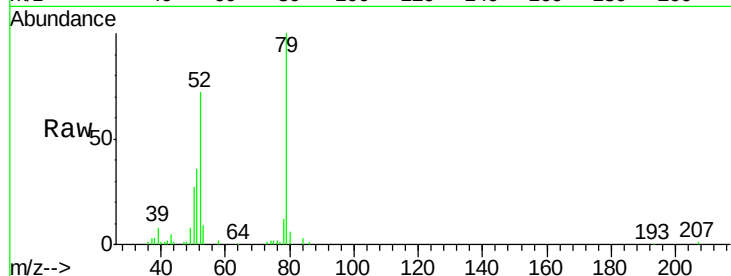
Tgt Ion: 79 Resp: 204818

Ion Ratio Lower Upper

79 100

52 72.0 57.2 85.8

51 36.0 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 34.43 ng

RT: 2.97 min Scan# 156

Delta R.T. 0.02 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

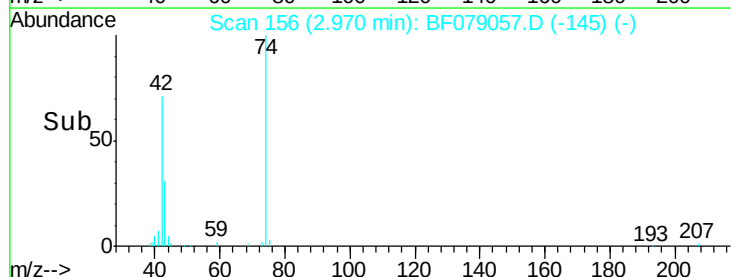
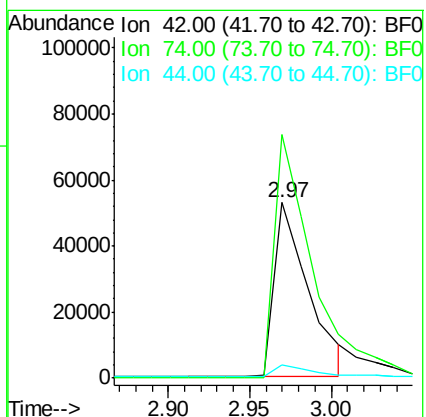
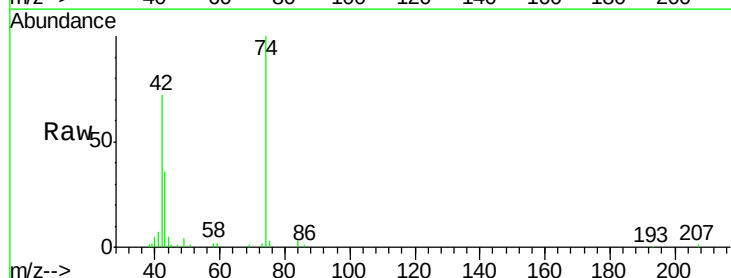
Tgt Ion: 42 Resp: 77644

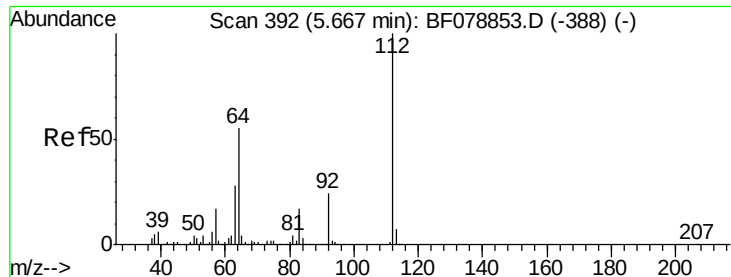
Ion Ratio Lower Upper

42 100

74 138.8 96.5 144.7

44 7.6 6.1 9.1





#5

2-Fluorophenol

Concen: 133.67 ng

RT: 5.62 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

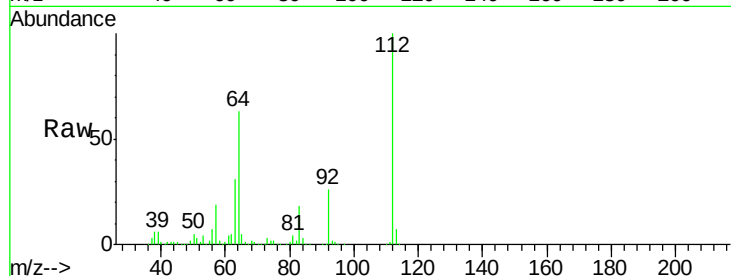
Tgt Ion:112 Resp: 552887

Ion Ratio Lower Upper

112 100

64 62.5 53.5 80.3

63 31.2 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

600000

400000

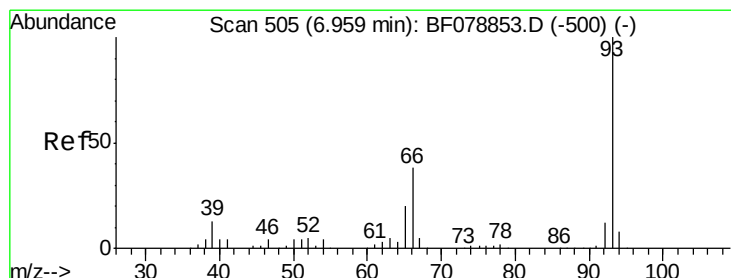
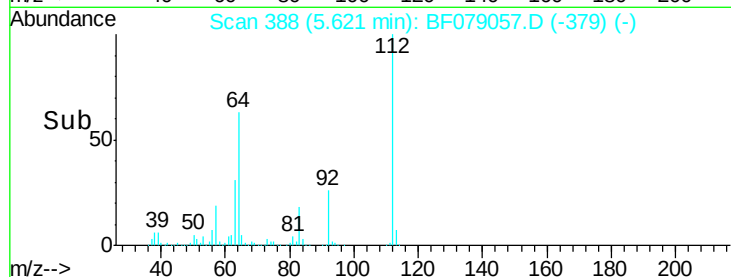
200000

0

5.55 5.60 5.65 5.70

5.62

Time-->



#6

Aniline

Concen: 23.87 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

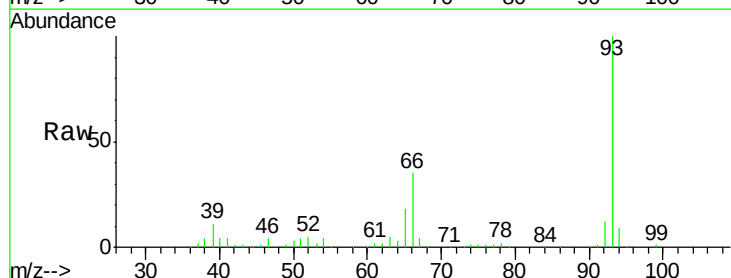
Tgt Ion: 93 Resp: 184231

Ion Ratio Lower Upper

93 100

66 35.3 29.7 44.5

65 18.3 14.6 22.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

200000

150000

100000

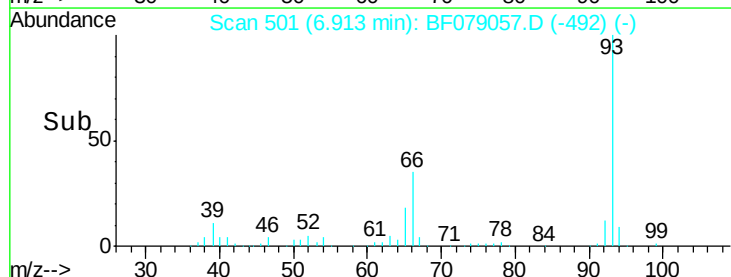
50000

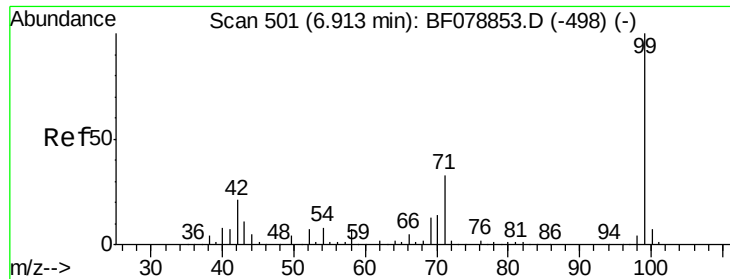
0

6.85 6.90 6.95 7.00

6.91

Time-->





#7

Phenol-d6

Concen: 128.96 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

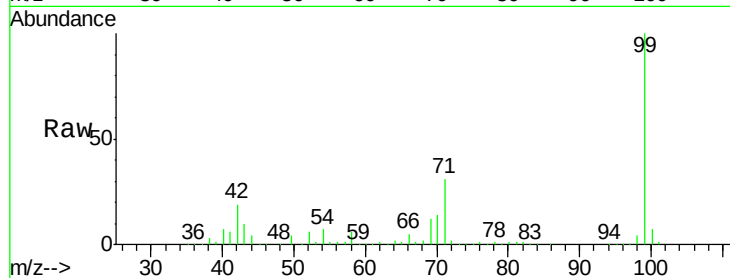
Tgt Ion: 99 Resp: 705076

Ion Ratio Lower Upper

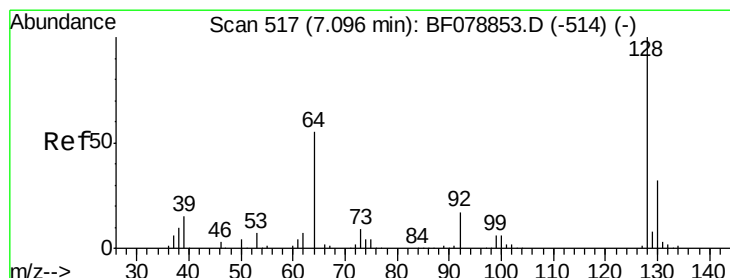
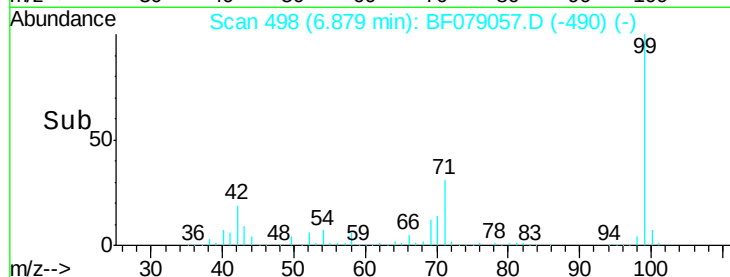
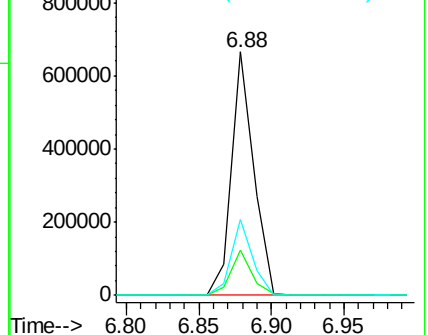
99 100

42 18.8 12.8 19.2

71 31.1 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: 43.08 ng

RT: 7.05 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

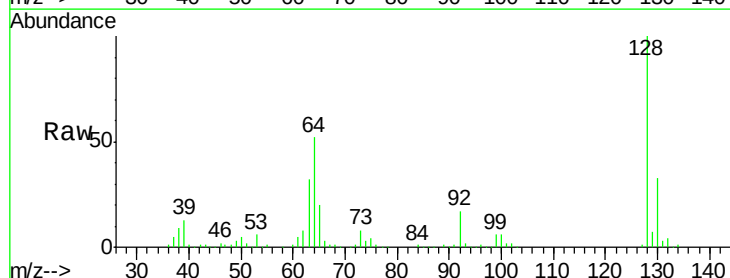
Tgt Ion: 128 Resp: 202108

Ion Ratio Lower Upper

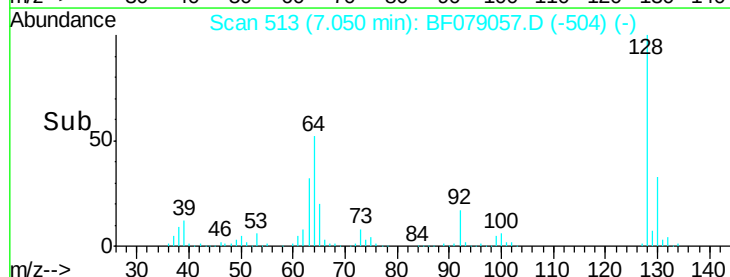
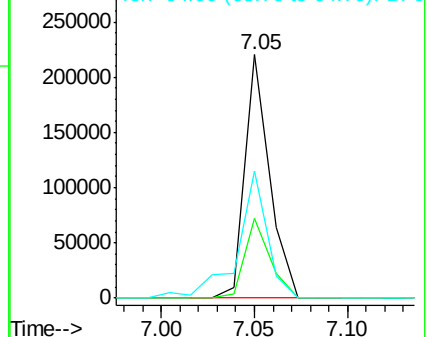
128 100

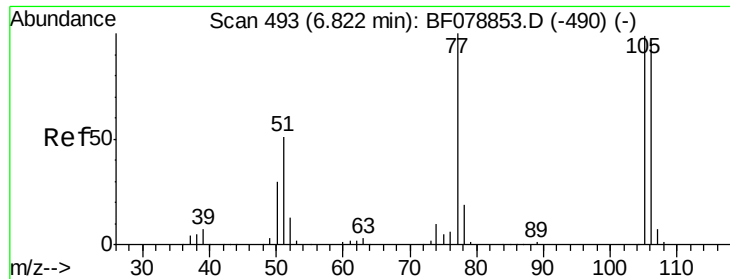
130 32.9 12.1 52.1

64 52.3 29.6 69.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.06 ng

RT: 6.76 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

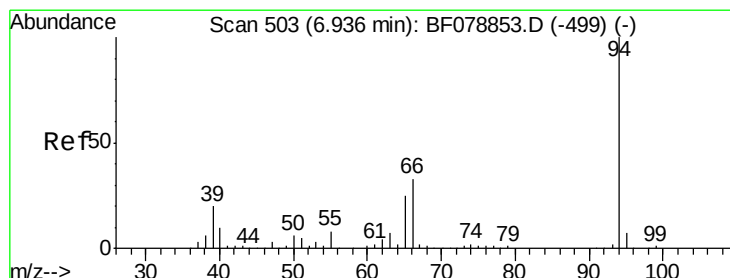
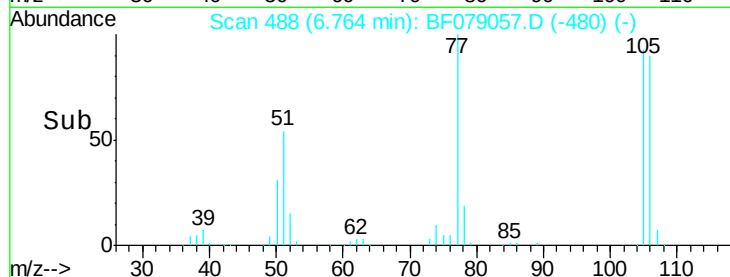
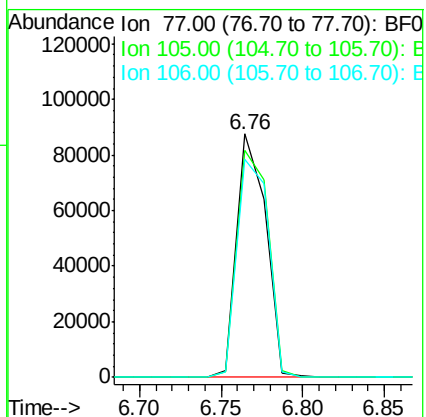
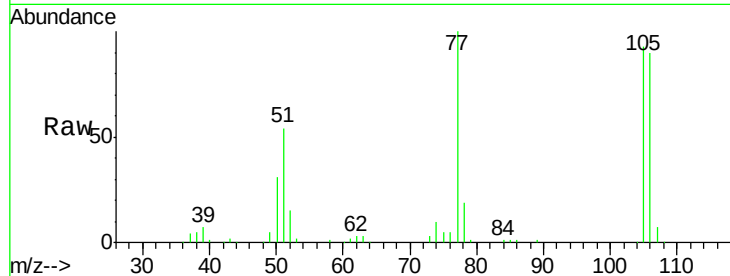
Tgt Ion: 77 Resp: 107039

Ion Ratio Lower Upper

77 100

105 93.4 81.7 121.7

106 89.6 79.0 119.0



#10

Phenol

Concen: 41.65 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

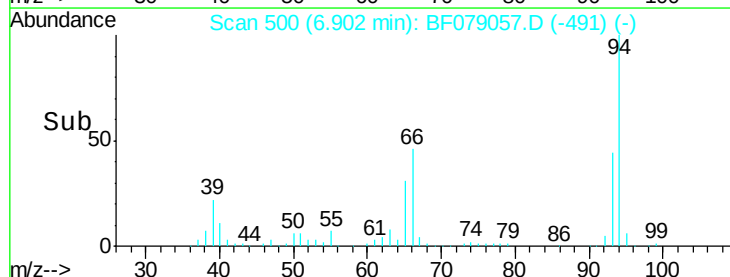
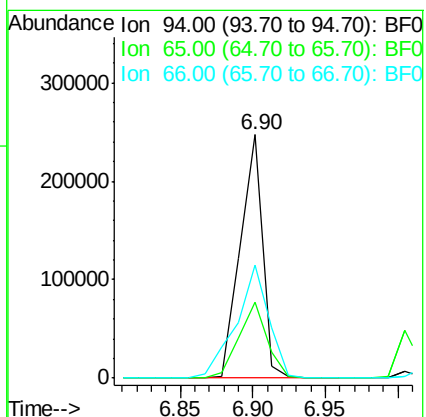
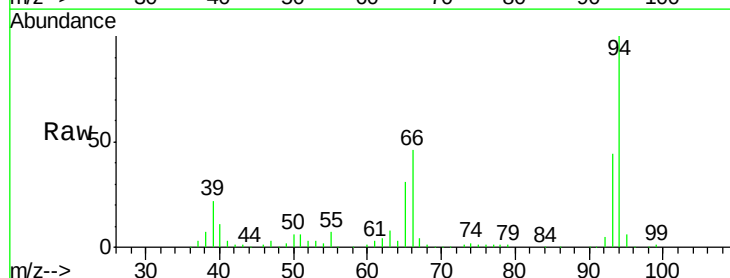
Tgt Ion: 94 Resp: 264157

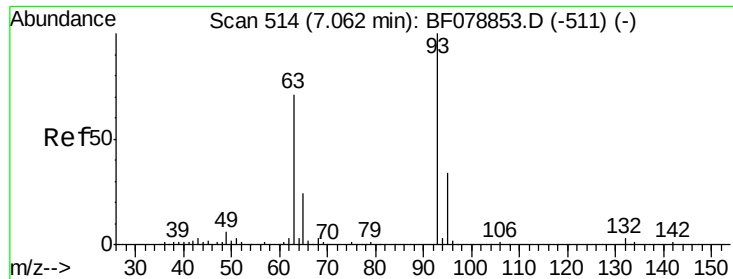
Ion Ratio Lower Upper

94 100

65 31.4 8.5 48.5

66 46.2 16.0 56.0

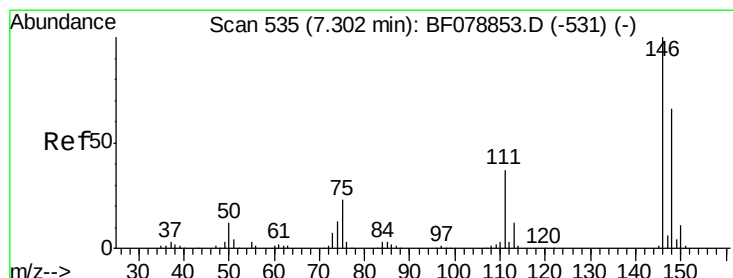
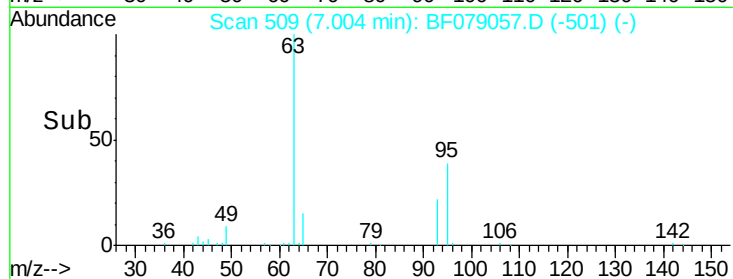
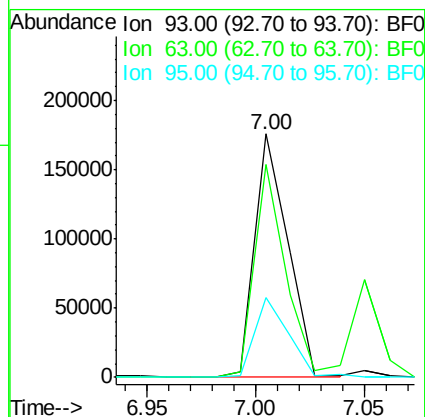
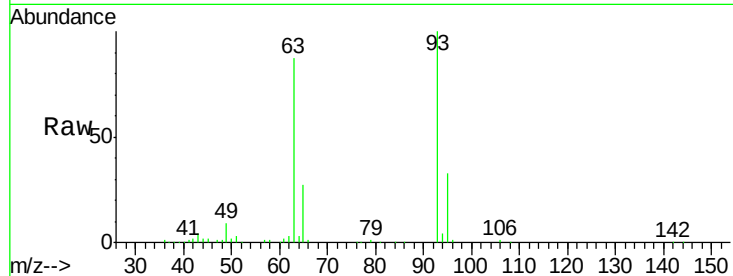




#11
bis(2-Chloroethyl)ether
Concen: 40.03 ng
RT: 7.00 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

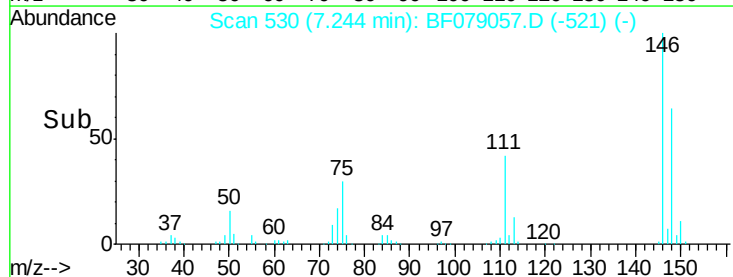
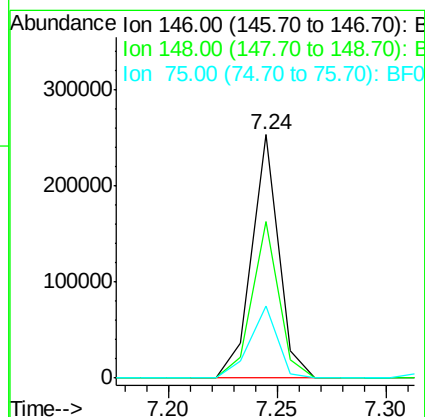
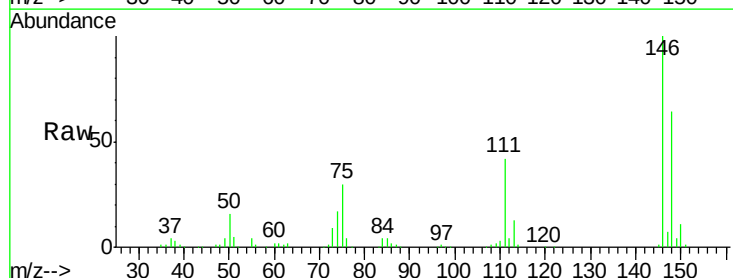
Instrument :
BNA_F
ClientSampleId :
PB83273BSD

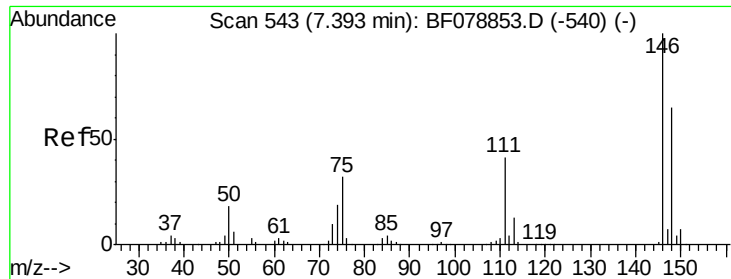
Tgt Ion: 93 Resp: 186132
Ion Ratio Lower Upper
93 100
63 87.2 64.8 104.8
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.38 ng
RT: 7.24 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Tgt Ion: 146 Resp: 218177
Ion Ratio Lower Upper
146 100
148 64.2 50.2 75.2
75 29.8 29.2 43.8

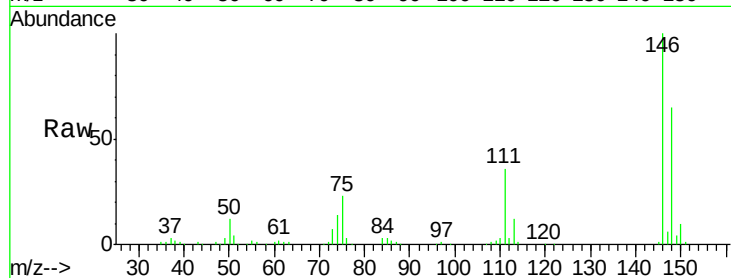




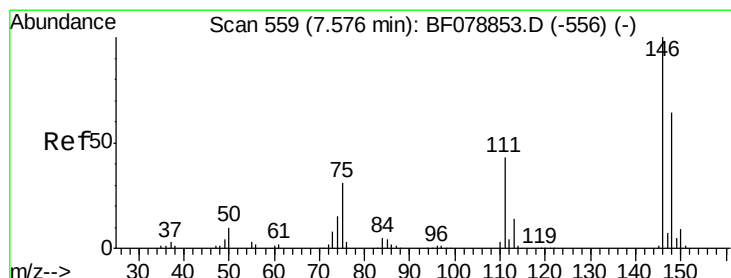
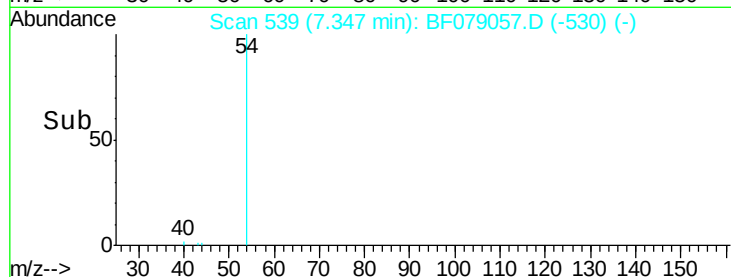
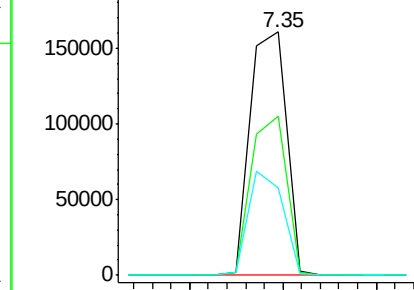
#13
 1,4-Dichlorobenzene
 Concen: 40.06 ng
 RT: 7.35 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Tgt Ion:146 Resp: 217387
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.8 79.2
 111 35.8 31.7 47.5

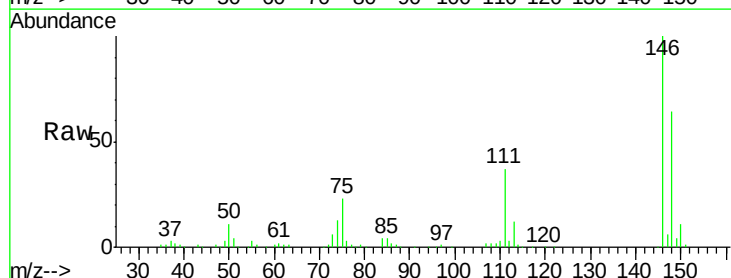


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

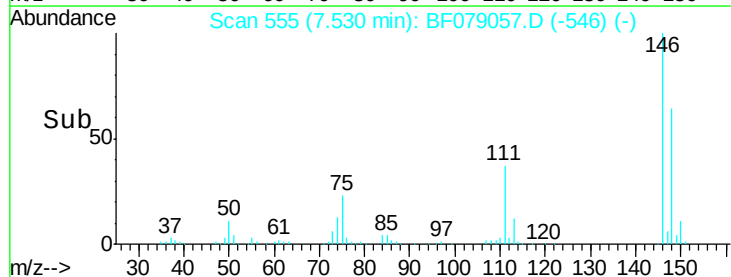
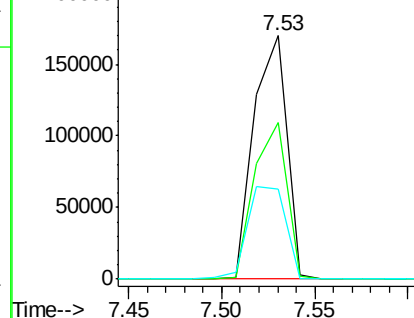


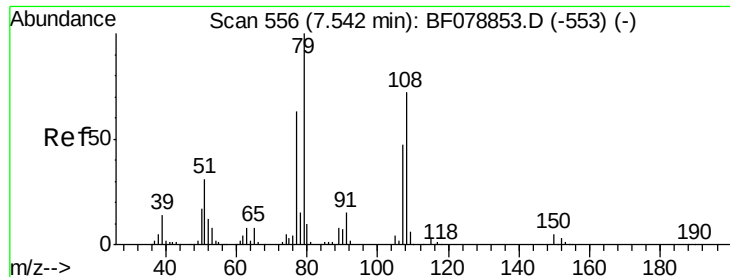
#14
 1,2-Dichlorobenzene
 Concen: 41.16 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion:146 Resp: 207929
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.2 76.8
 111 36.8 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: 40.93 ng

RT: 7.50 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

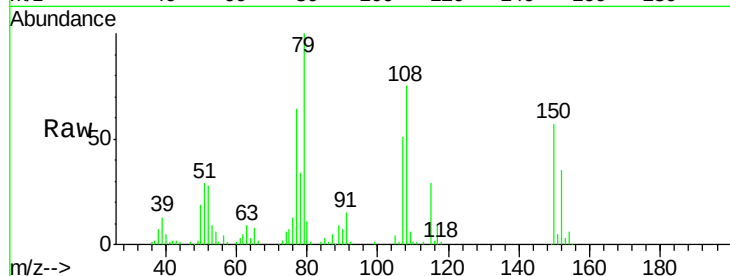
Tgt Ion: 79 Resp: 166125

Ion Ratio Lower Upper

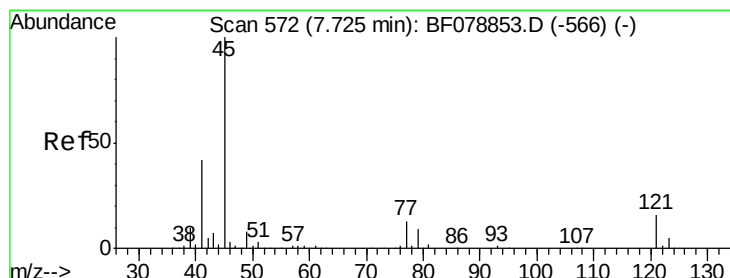
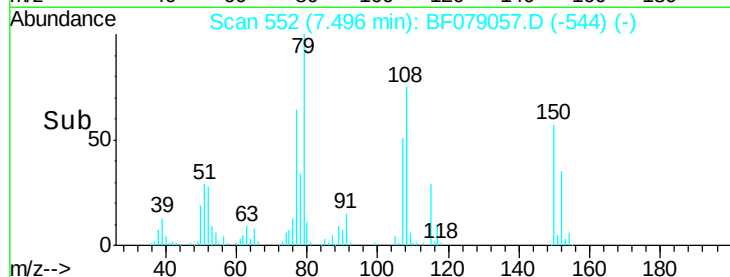
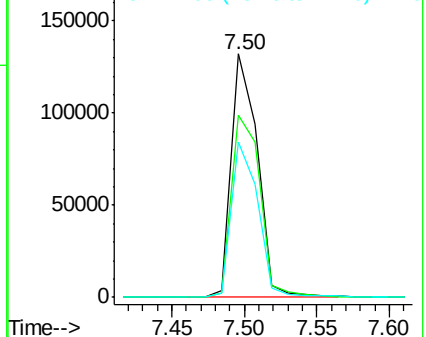
79 100

108 74.8 62.5 93.7

77 63.6 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: 41.30 ng

RT: 7.68 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

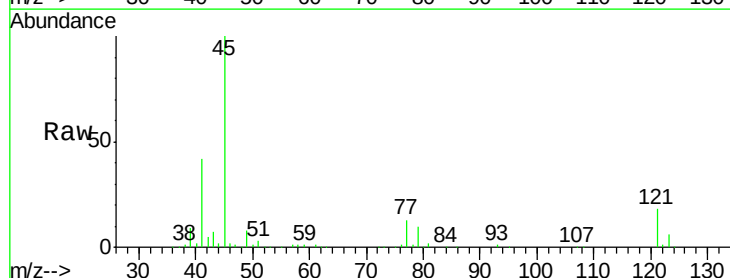
Tgt Ion: 45 Resp: 293768

Ion Ratio Lower Upper

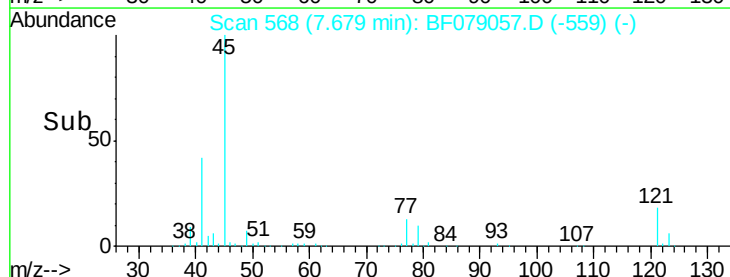
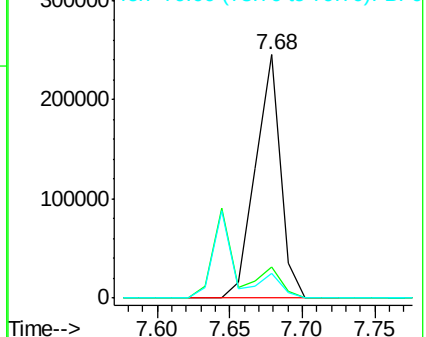
45 100

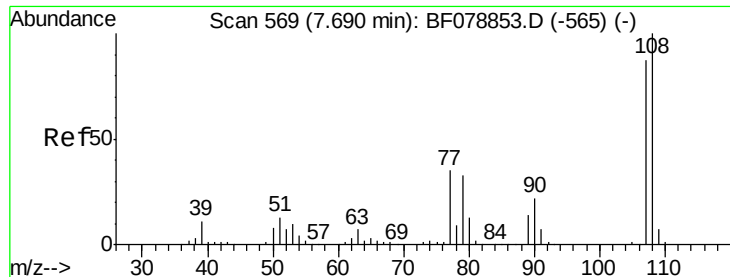
77 13.0 0.0 32.3

79 10.3 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

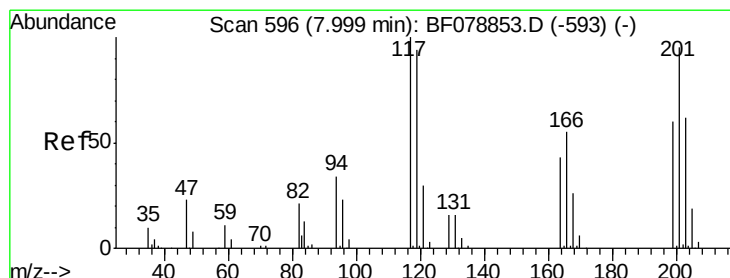
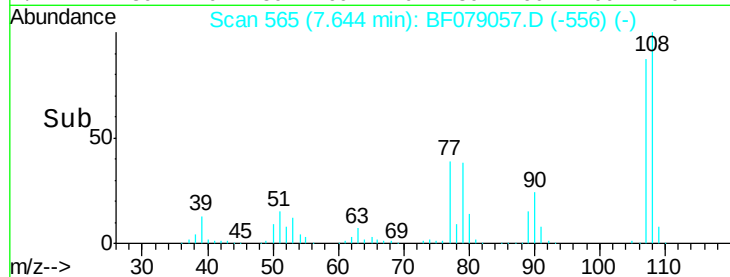
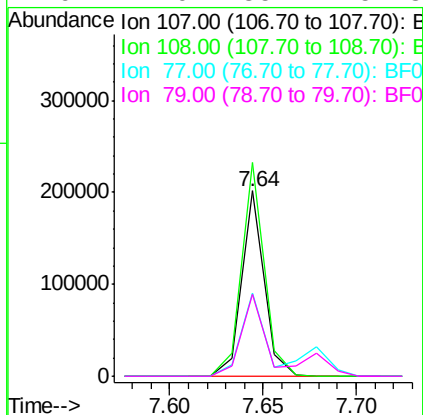
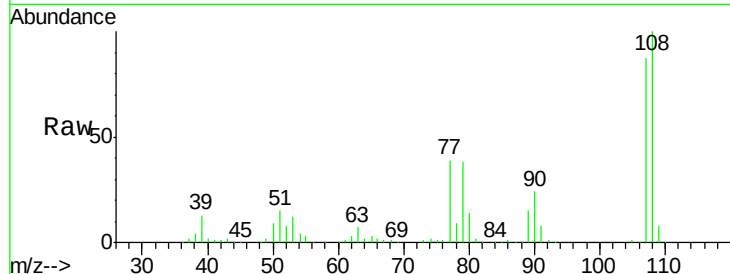




#17
2-Methylphenol
Concen: 44.84 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

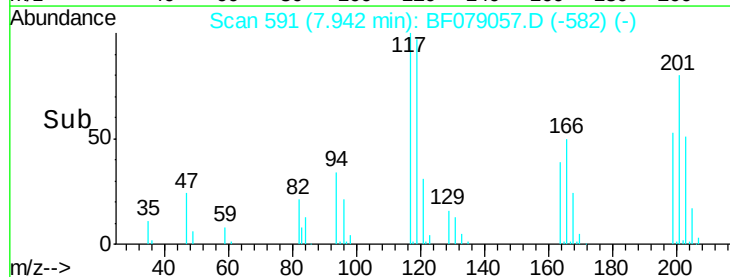
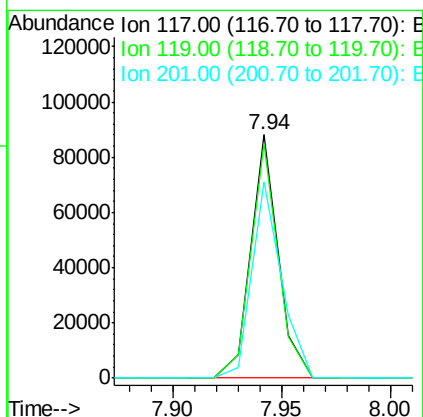
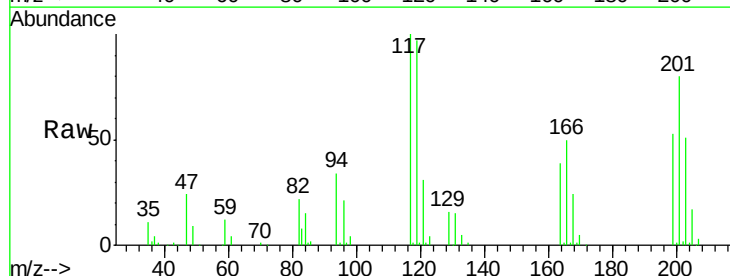
Instrument :
BNA_F
ClientSampleId :
PB83273BSD

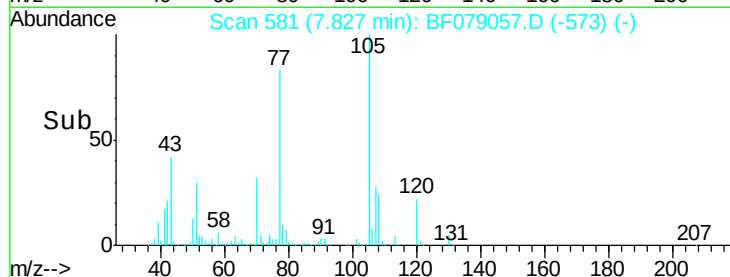
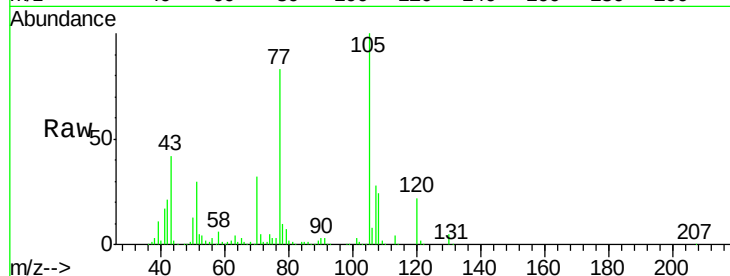
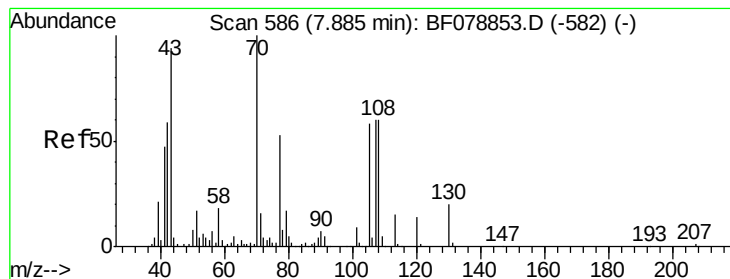
Tgt Ion:	107	Resp:	169265
Ion	Ratio	Lower	Upper
107	100		
108	115.3	94.9	142.3
77	44.7	36.2	54.4
79	44.0	35.2	52.8



#18
Hexachloroethane
Concen: 41.15 ng
RT: 7.94 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Tgt Ion:	117	Resp:	76921
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.0
201	80.5	83.2	124.8#





#19

n-Nitroso-di-n-propylamine

Concen: 39.29 ng

RT: 7.83 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

Tgt Ion: 70 Resp: 145101

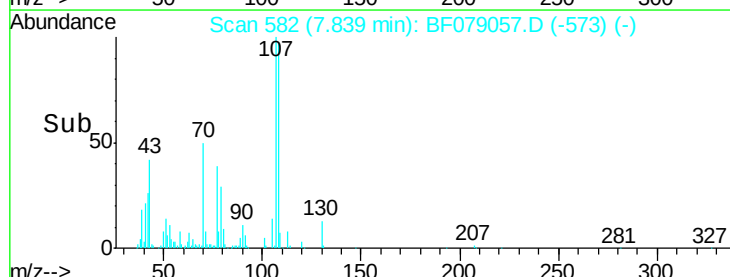
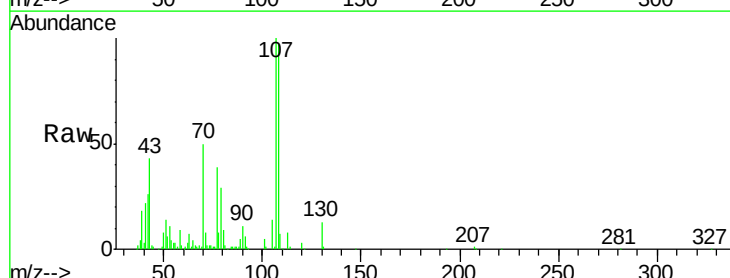
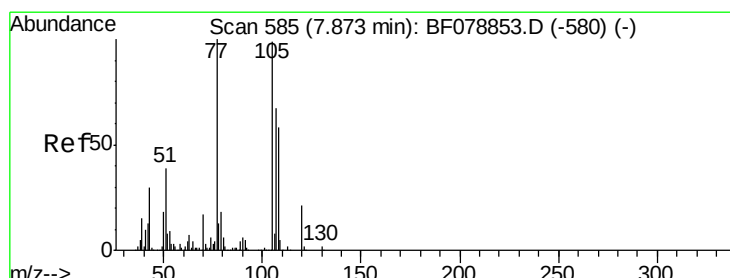
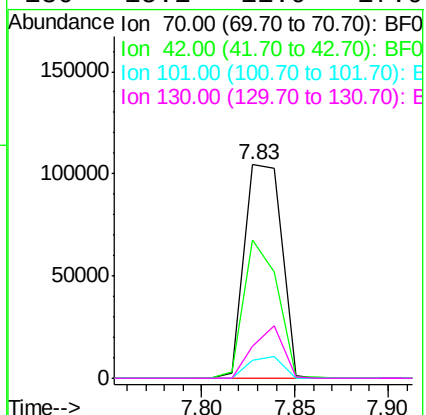
Ion Ratio Lower Upper

70 100

42 65.0 55.4 83.0

101 8.7 6.6 10.0

130 15.1 11.9 17.9



#20

3+4-Methylphenols

Concen: 43.63 ng

RT: 7.84 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Tgt Ion: 107 Resp: 219469

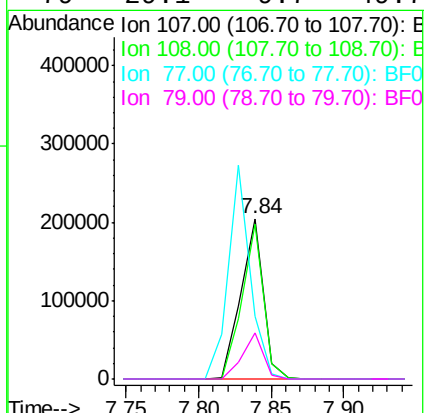
Ion Ratio Lower Upper

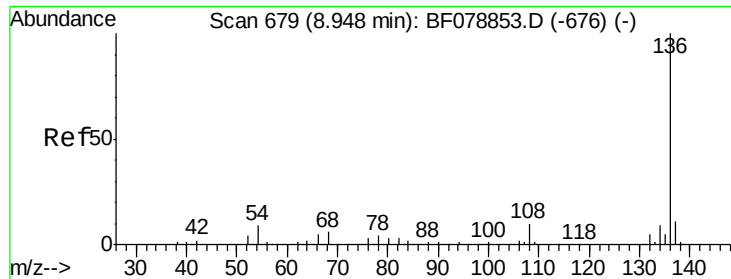
107 100

108 96.6 76.9 116.9

77 39.3 136.8 176.8#

79 29.1 9.7 49.7

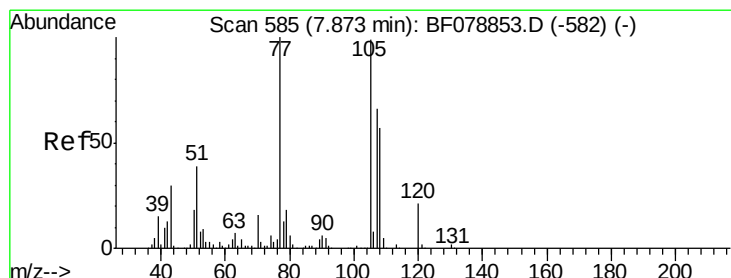
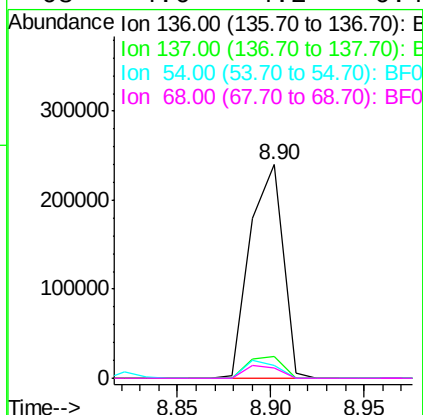
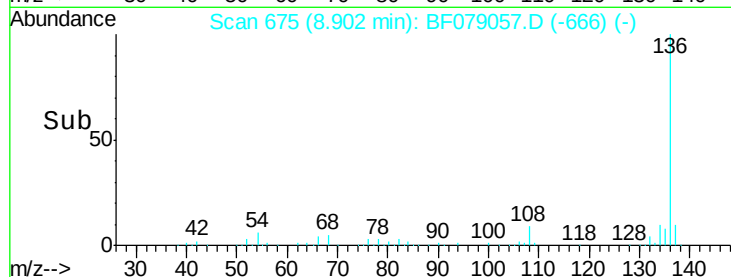
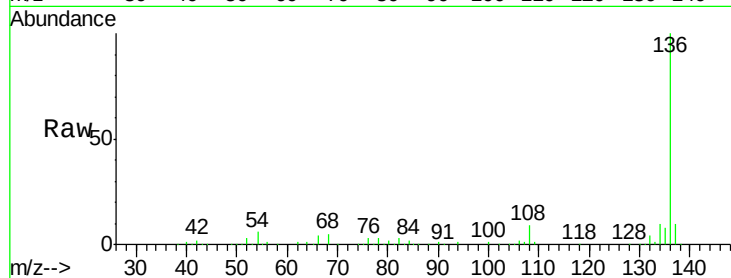




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.90 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

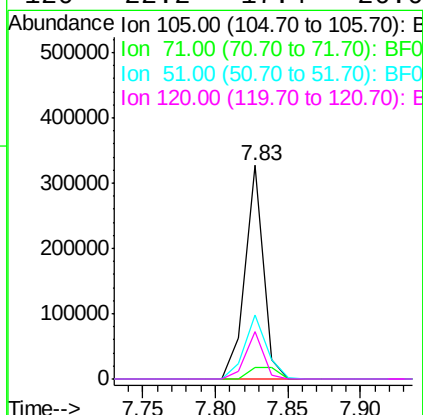
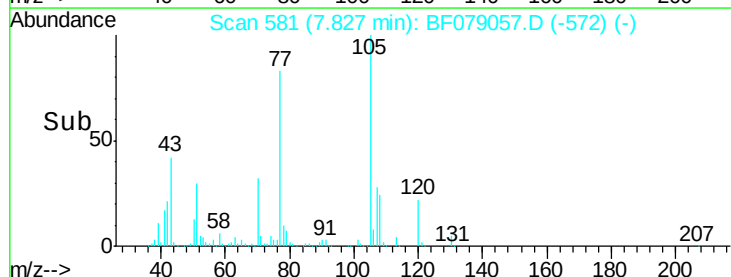
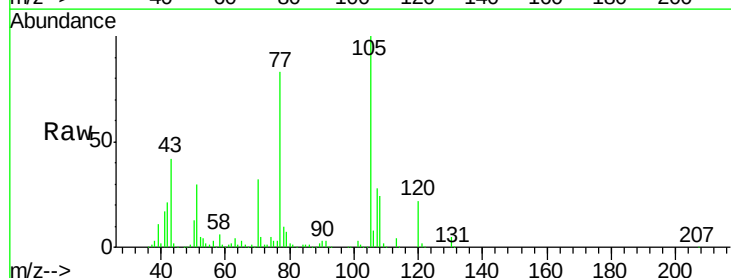
Instrument :
BNA_F
ClientSampleId :
PB83273BSD

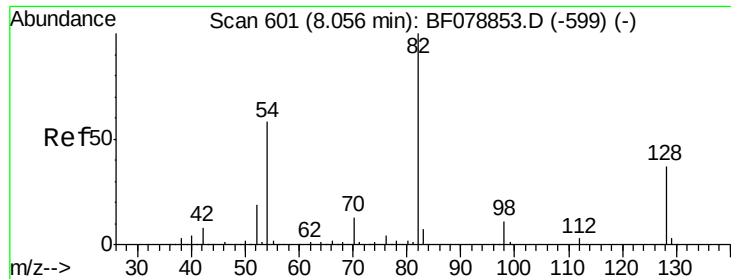
Tgt Ion:	136	Resp:	293812
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	6.2	5.8	8.8
68	4.6	4.2	6.4



#22
Acetophenone
Concen: 43.43 ng
RT: 7.83 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Tgt Ion:	105	Resp:	288281
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.6	6.8
51	29.7	26.7	40.1
120	22.2	17.4	26.0

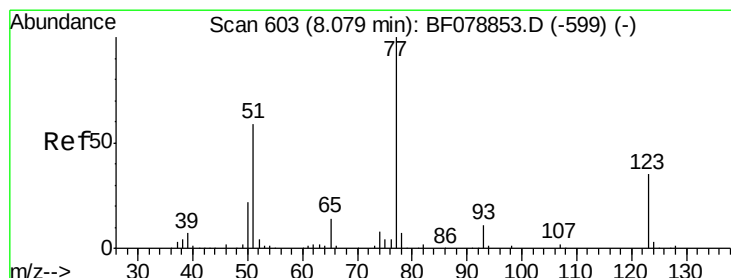
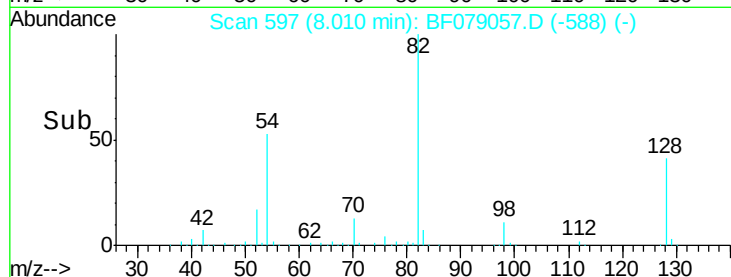
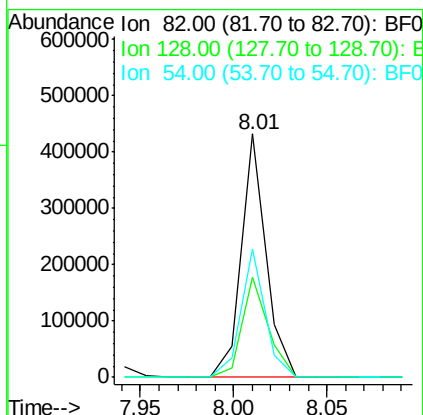
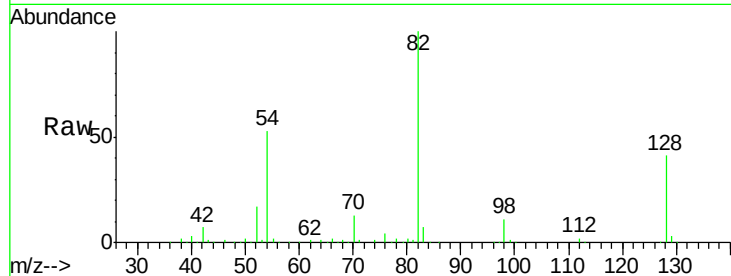




#23
 Nitrobenzene-d5
 Concen: 78.05 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

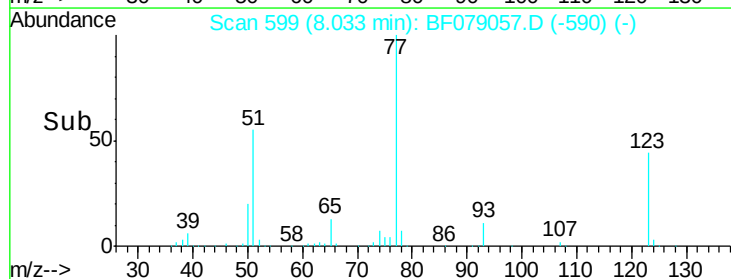
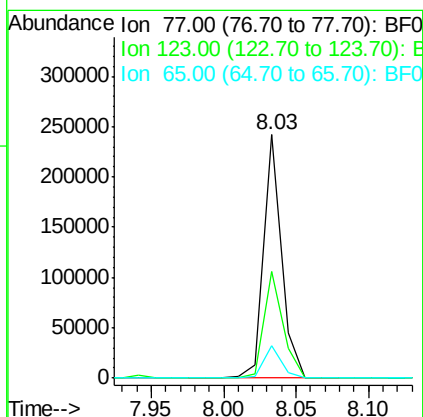
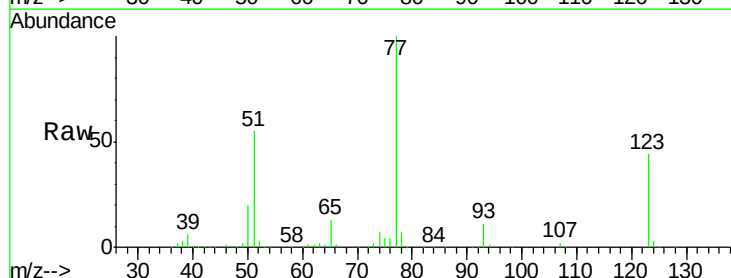
Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

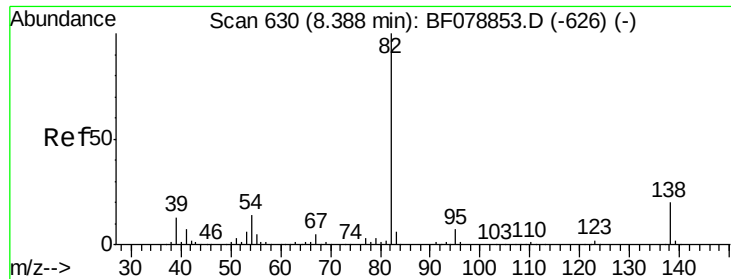
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	30.0	45.0
54	52.5	46.4	69.6



#24
 Nitrobenzene
 Concen: 40.96 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	31.8	47.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 39.68 ng

RT: 8.33 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

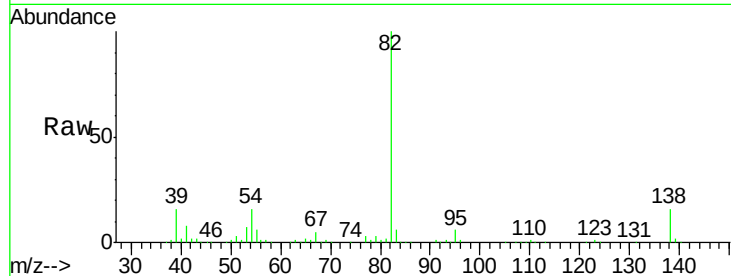
Tgt Ion: 82 Resp: 376049

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

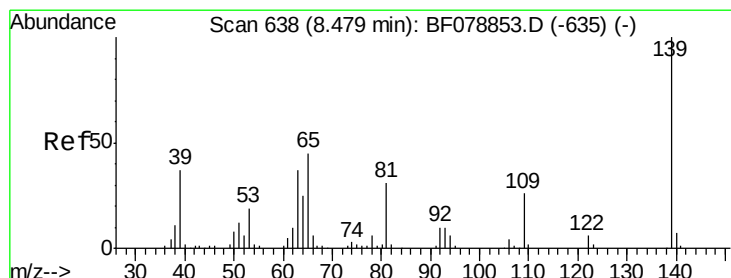
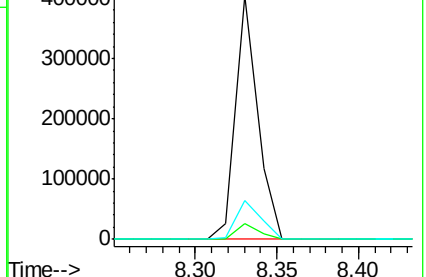
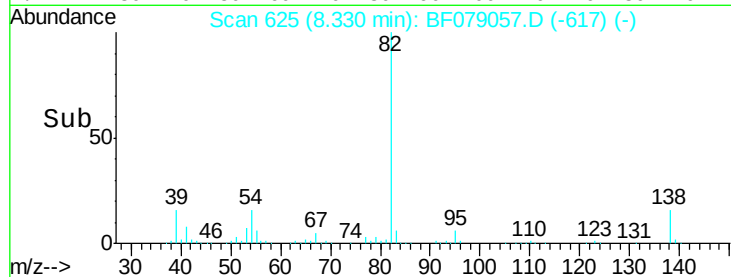
138 15.9 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF079057.D (-617) (-)

Ion 95.00 (94.70 to 95.70): BF079057.D (-617) (-)

Ion 138.00 (137.70 to 138.70): BF079057.D (-617) (-)



#26

2-Nitrophenol

Concen: 47.42 ng

RT: 8.43 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

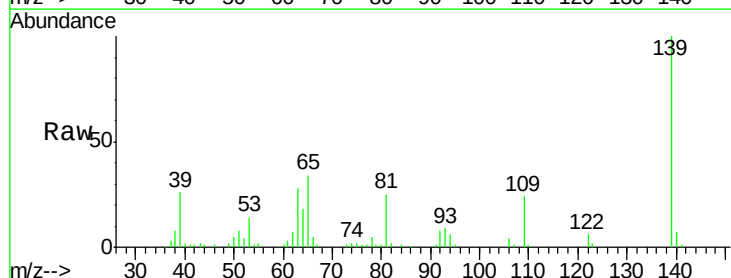
Tgt Ion: 139 Resp: 99466

Ion Ratio Lower Upper

139 100

109 24.5 21.0 31.4

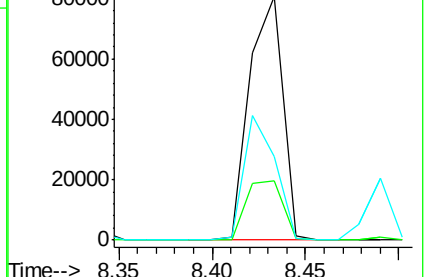
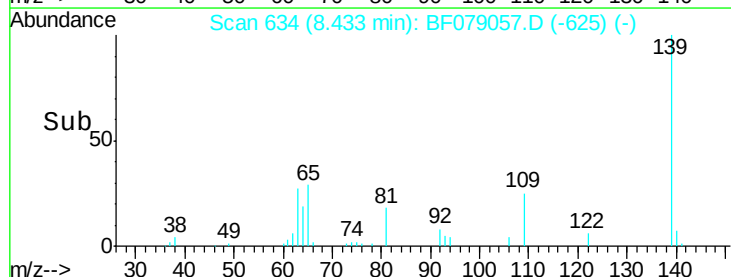
65 34.2 30.5 45.7

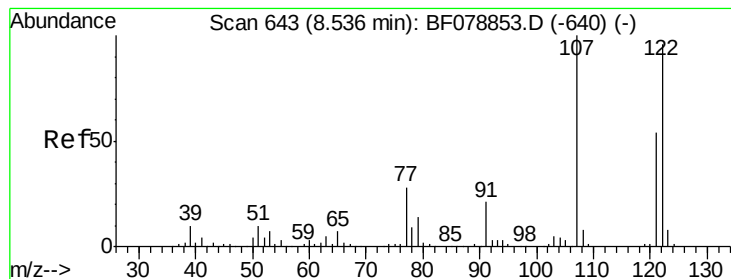


Abundance Ion 139.00 (138.70 to 139.70): BF079057.D (-625) (-)

Ion 109.00 (108.70 to 109.70): BF079057.D (-625) (-)

Ion 65.00 (64.70 to 65.70): BF079057.D (-625) (-)





#27

2,4-Dimethylphenol

Concen: 46.46 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

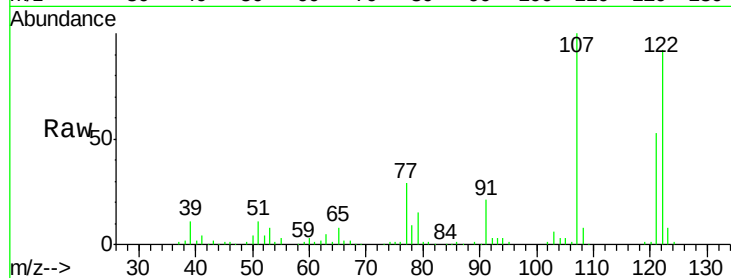
Tgt Ion:122 Resp: 194985

Ion Ratio Lower Upper

122 100

107 108.8 90.6 135.8

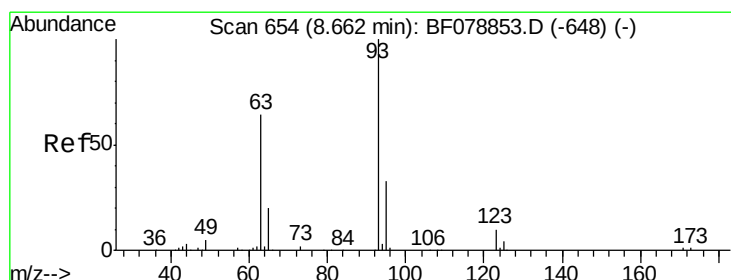
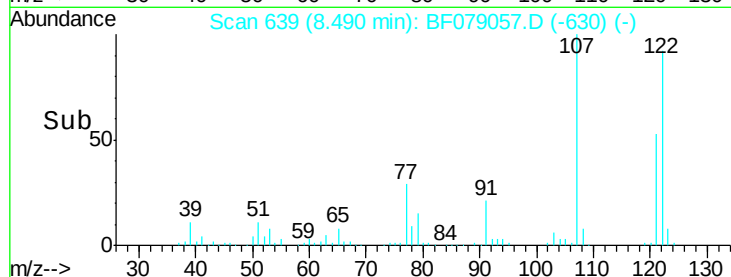
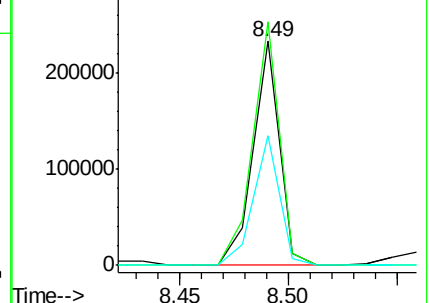
121 58.0 45.4 68.2



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: 40.61 ng

RT: 8.62 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

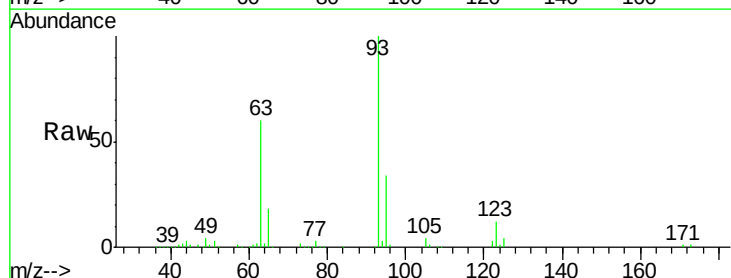
Tgt Ion: 93 Resp: 237265

Ion Ratio Lower Upper

93 100

95 33.7 26.7 40.1

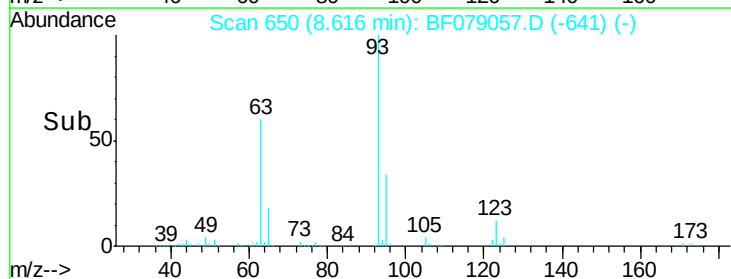
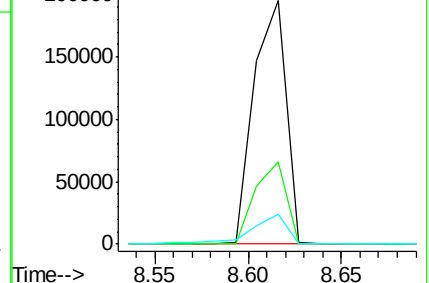
123 12.1 9.1 13.7

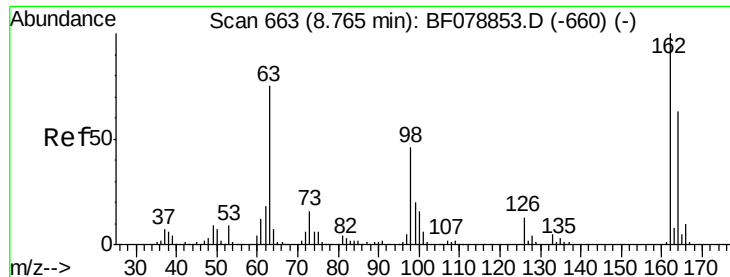


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

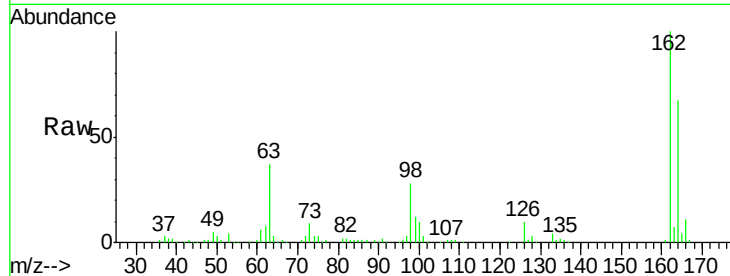




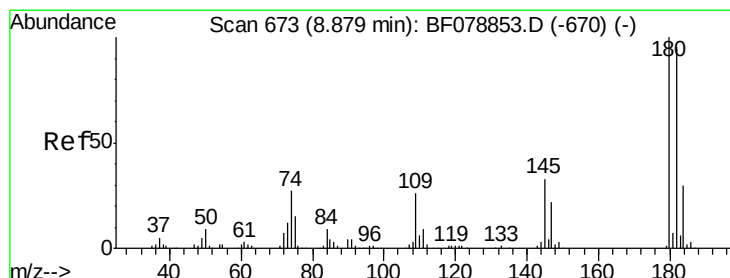
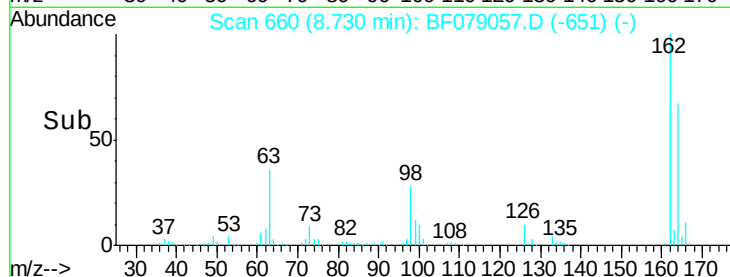
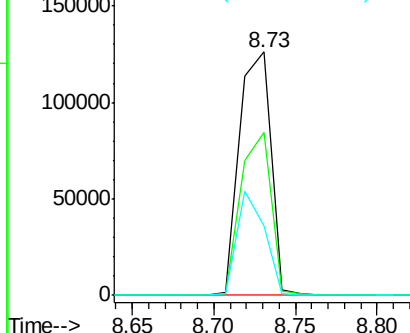
#29
 2,4-Dichlorophenol
 Concen: 45.20 ng
 RT: 8.73 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.8	43.6	83.6
98	28.4	16.5	56.5

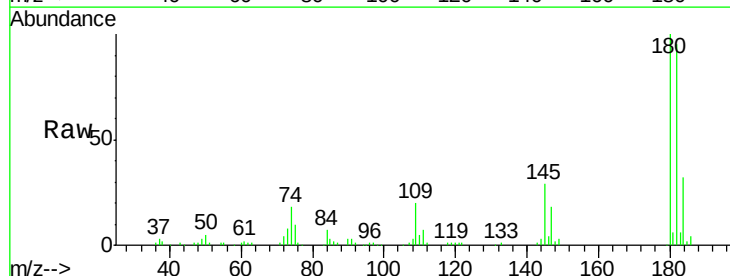


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

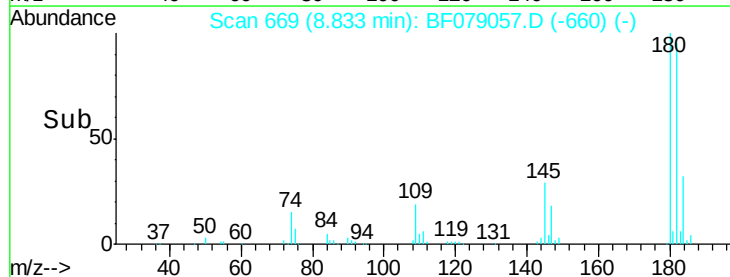
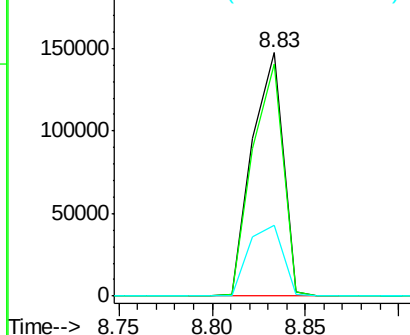


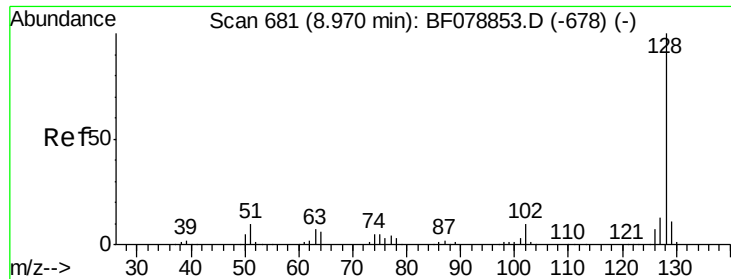
#30
 1,2,4-Trichlorobenzene
 Concen: 41.36 ng
 RT: 8.83 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.9	118.3
145	28.9	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

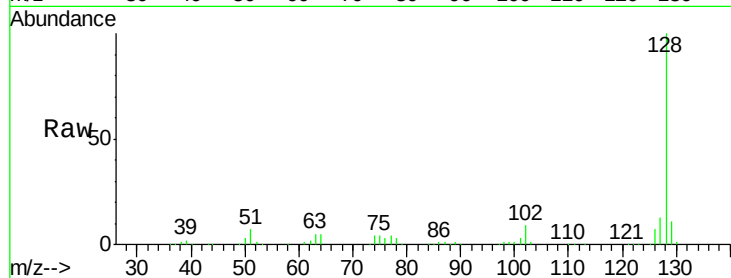




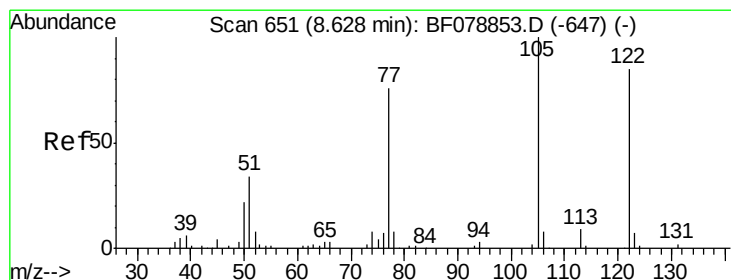
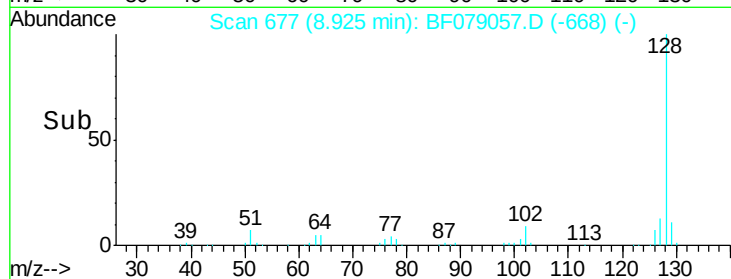
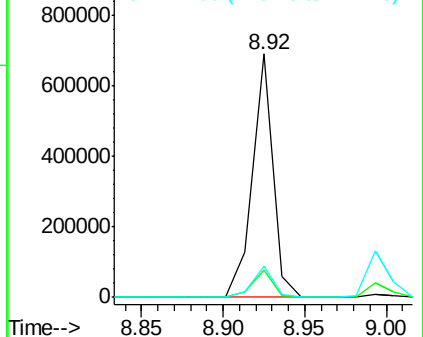
#31
Naphthalene
Concen: 43.10 ng
RT: 8.92 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Instrument :
BNA_F
ClientSampleId :
PB83273BSD

Tgt Ion:128 Resp: 603406
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.0 10.7 16.1

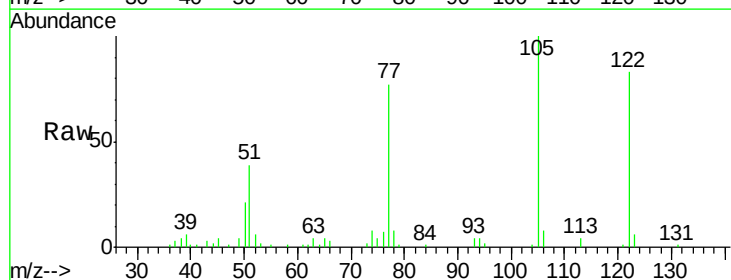


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

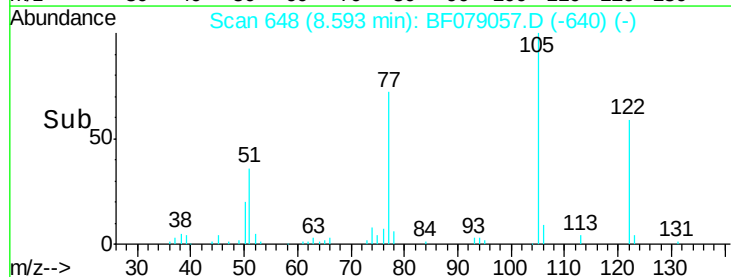
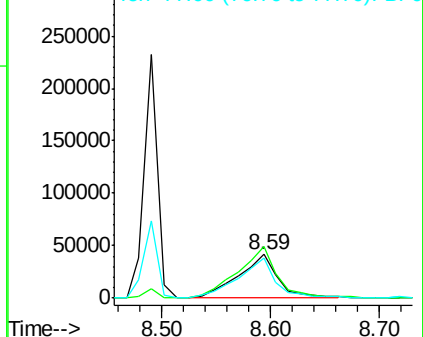


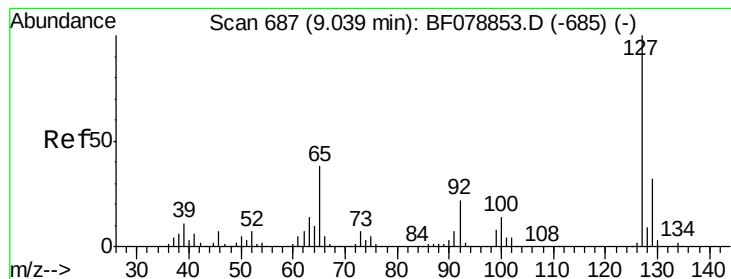
#32
Benzoic acid
Concen: 39.68 ng
RT: 8.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Tgt Ion:122 Resp: 100999
Ion Ratio Lower Upper
122 100
105 120.3 107.1 147.1
77 92.5 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: 21.83 ng

RT: 8.99 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

Tgt Ion:127 Resp: 129335

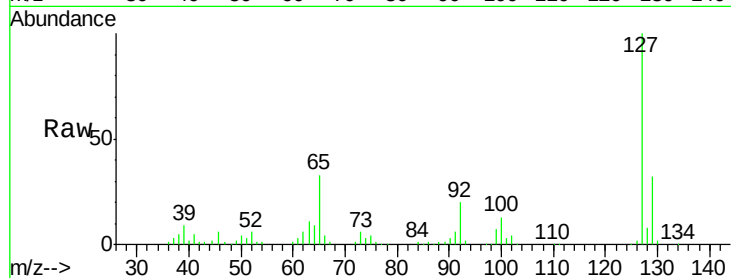
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 32.6 25.8 38.6

92 19.9 15.5 23.3

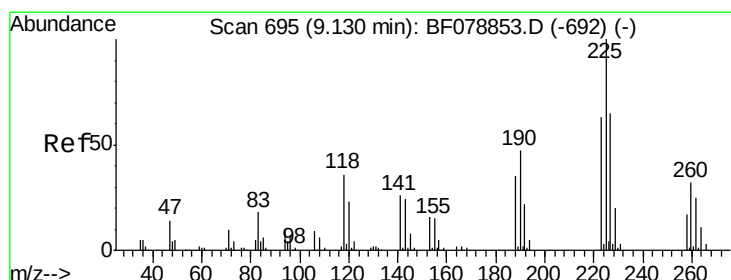
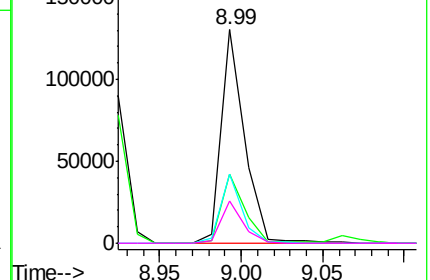
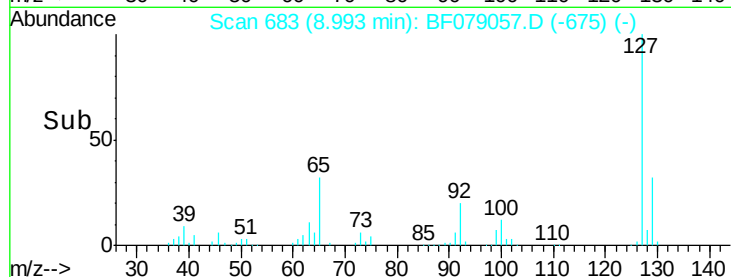


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.93 ng

RT: 9.07 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

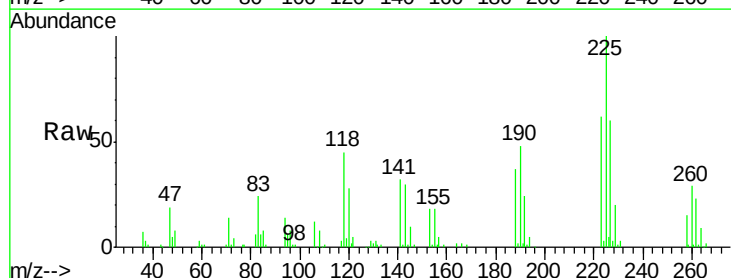
Tgt Ion:225 Resp: 91902

Ion Ratio Lower Upper

225 100

223 62.0 48.2 72.4

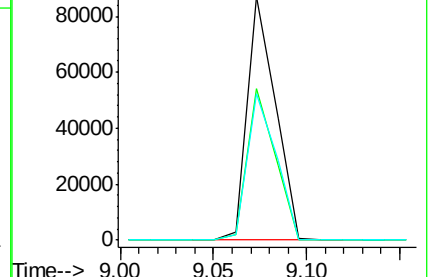
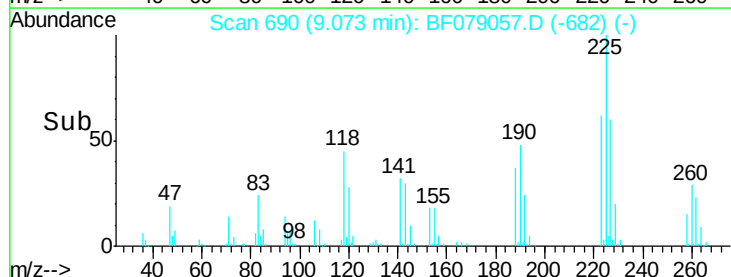
227 59.9 51.4 77.0

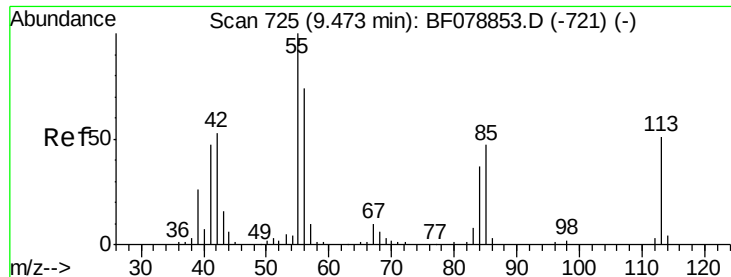


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

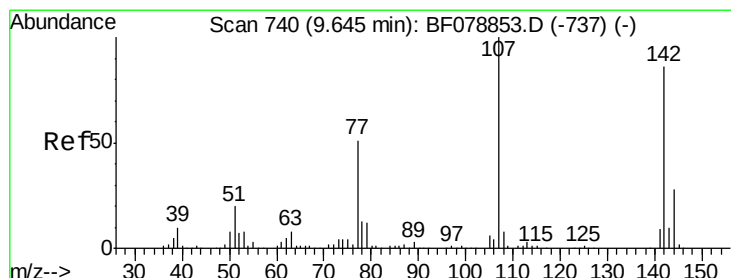
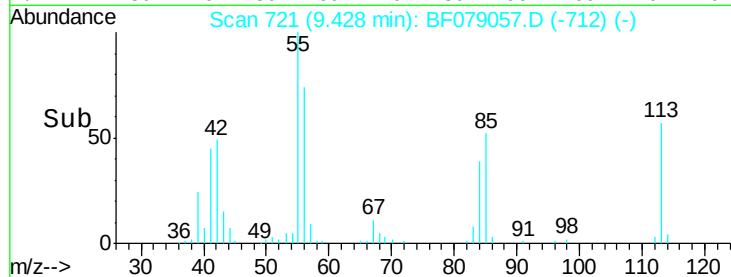
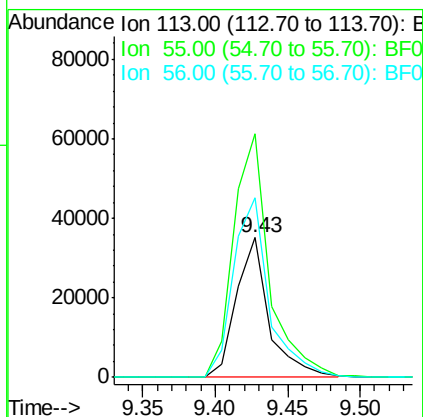
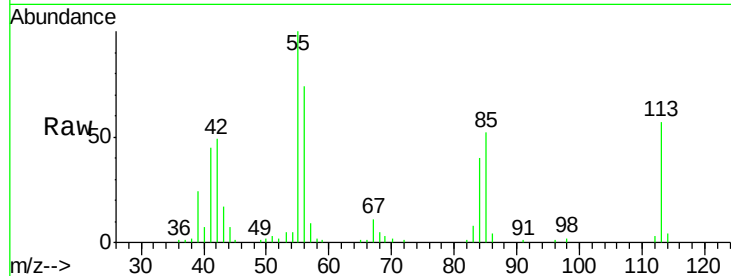




#35
 Caprolactam
 Concen: 45.78 ng
 RT: 9.43 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

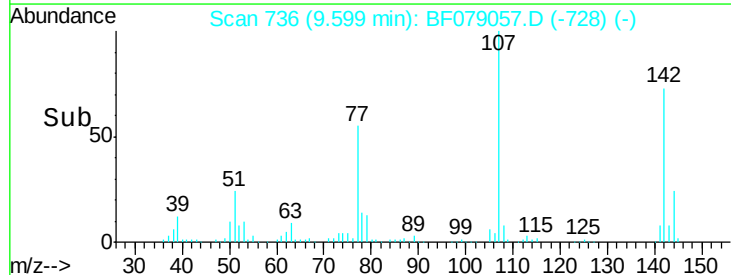
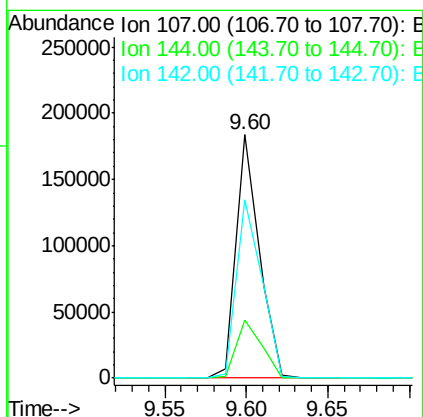
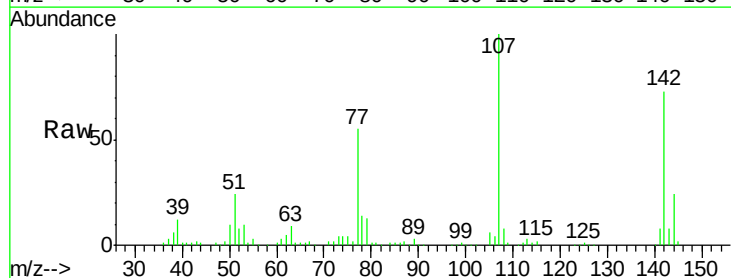
Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

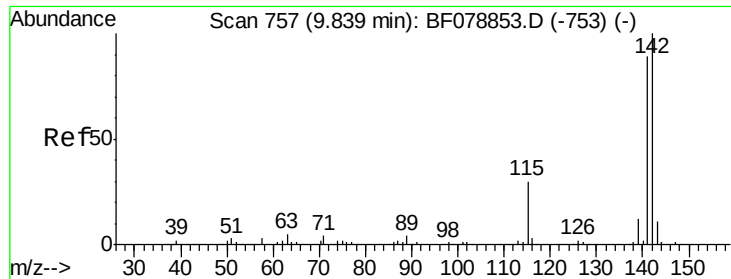
Tgt Ion:113 Resp: 55244
 Ion Ratio Lower Upper
 113 100
 55 174.5 169.7 209.7
 56 128.9 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 45.83 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion:107 Resp: 179644
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.8 29.6
 142 73.3 60.6 91.0

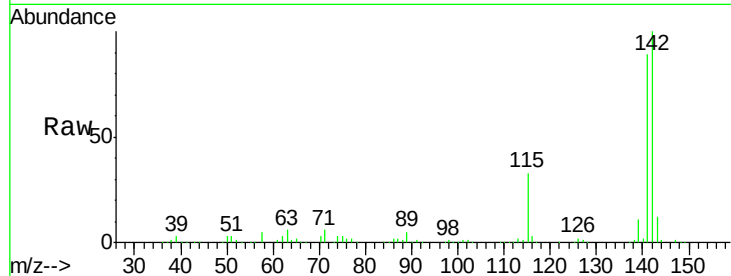




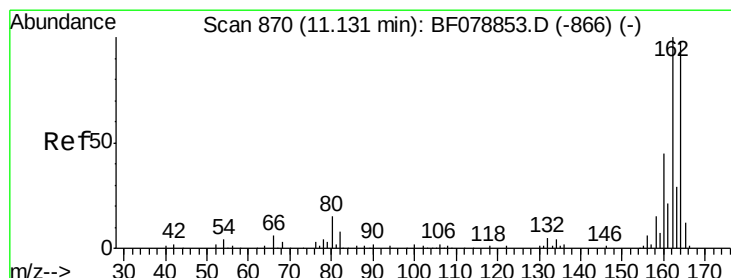
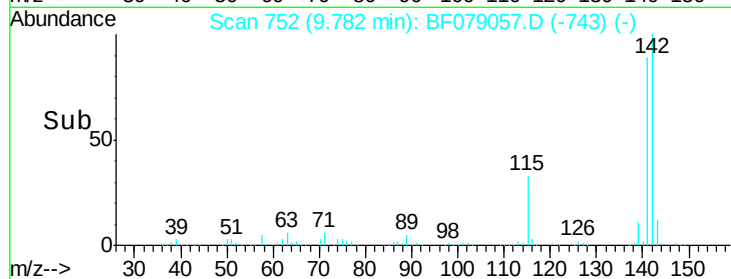
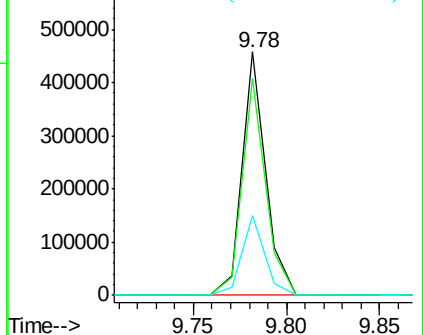
#37
 2-Methylnaphthalene
 Concen: 41.46 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Tgt Ion:142 Resp: 402228
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.9 106.3
 115 33.0 28.5 42.7

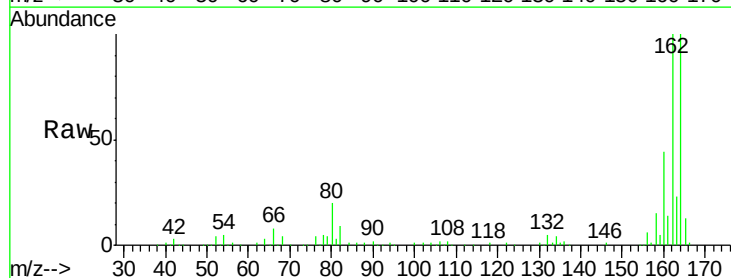


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

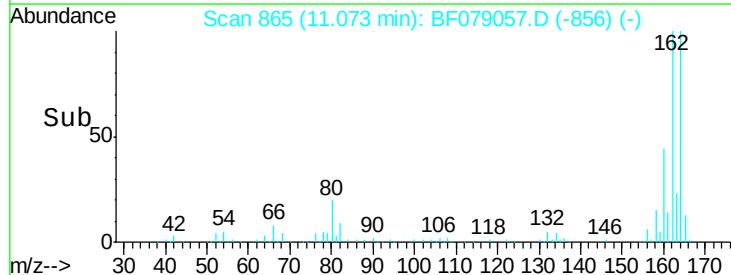
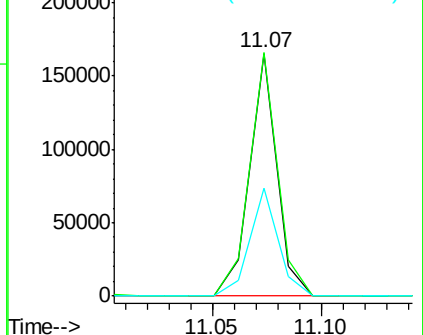


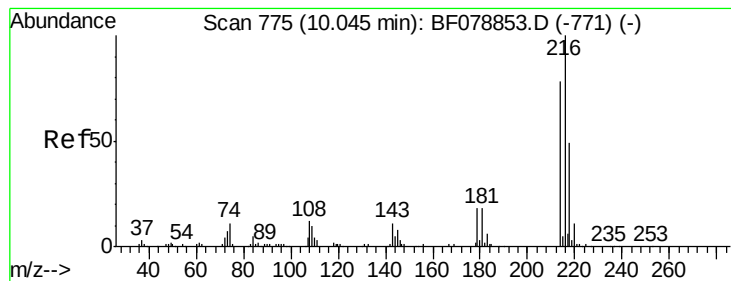
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion:164 Resp: 144124
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.7 124.1
 160 44.6 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: 39.79 ng

RT: 9.99 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

Tgt Ion:216 Resp: 161521

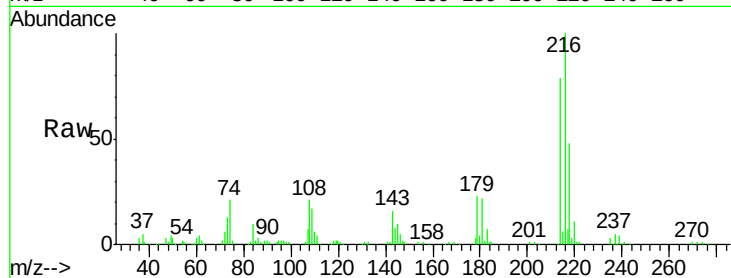
Ion Ratio Lower Upper

216 100

214 79.2 0.0 0.0#

179 22.1 0.0 0.0#

108 24.2 0.0 0.0#

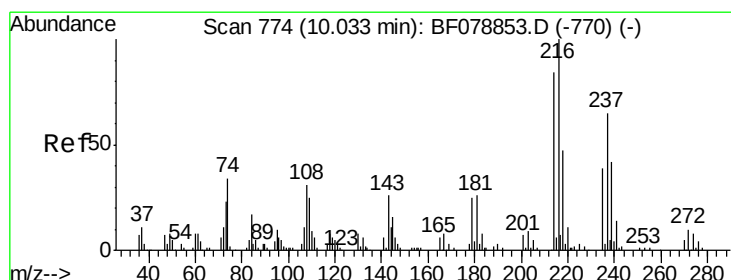
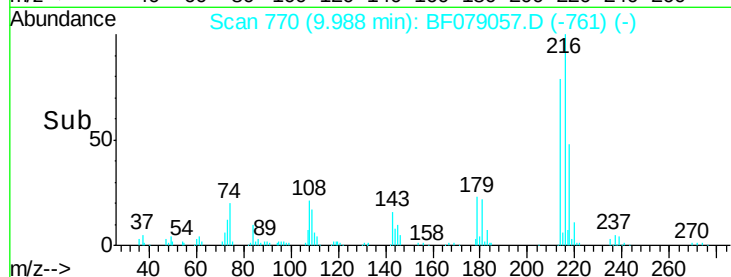
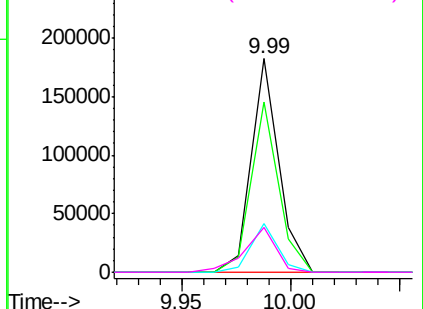


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.28 ng

RT: 9.98 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

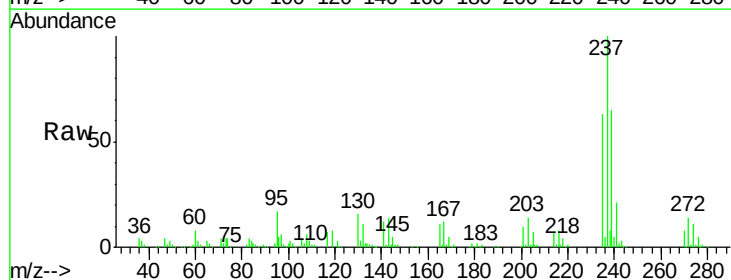
Tgt Ion:237 Resp: 165907

Ion Ratio Lower Upper

237 100

235 62.5 44.7 84.7

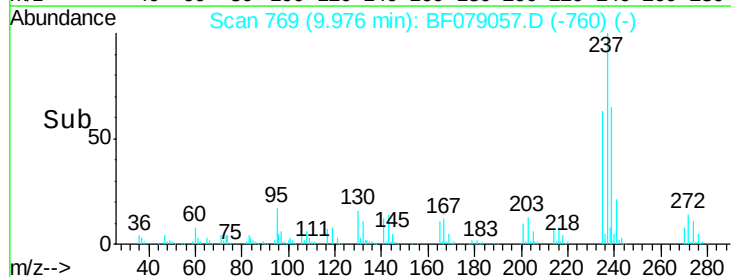
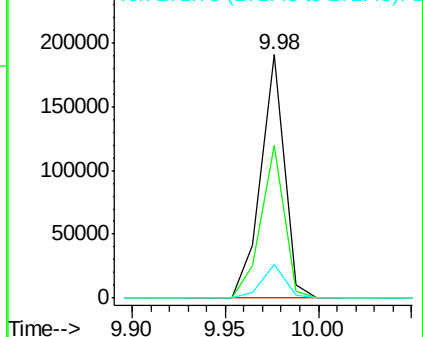
272 13.9 0.0 32.6

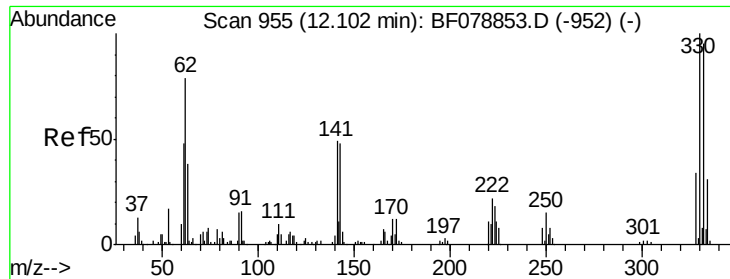


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

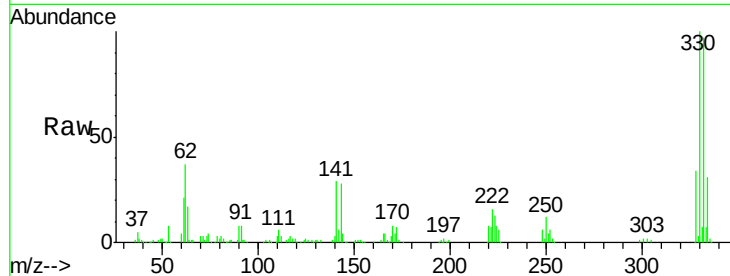




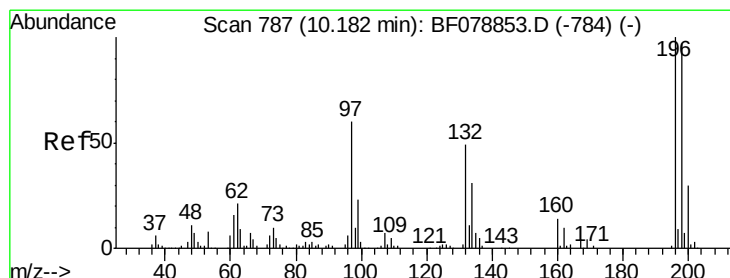
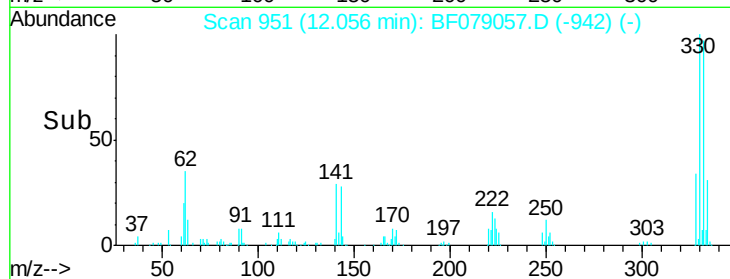
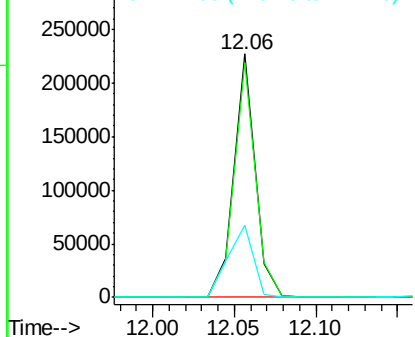
#41
 2,4,6-Tribromophenol
 Concen: 131.27 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Tgt Ion:330 Resp: 204666
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 35.1 0.0 0.0#

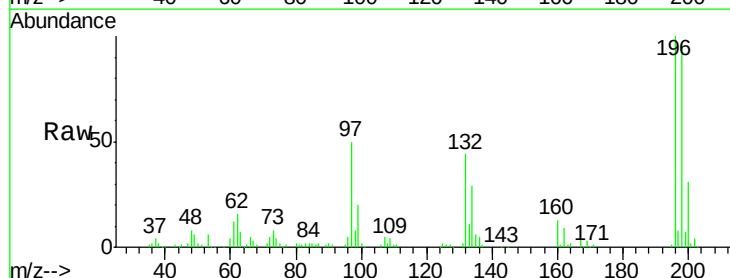


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

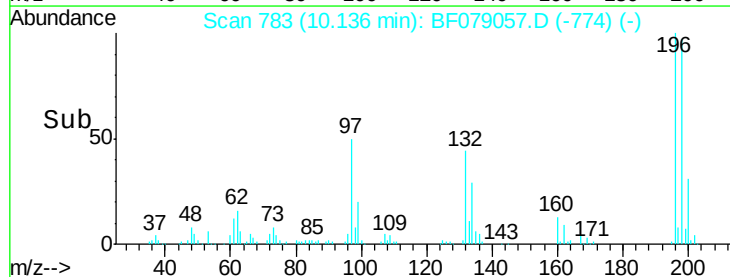
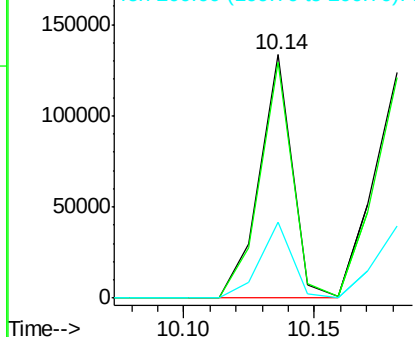


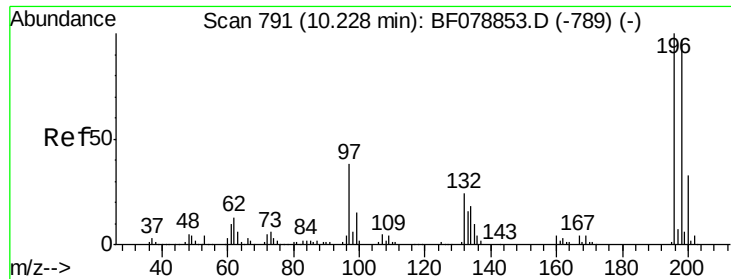
#42
 2,4,6-Trichlorophenol
 Concen: 42.17 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion:196 Resp: 117683
 Ion Ratio Lower Upper
 196 100
 198 97.1 80.5 120.7
 200 31.3 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

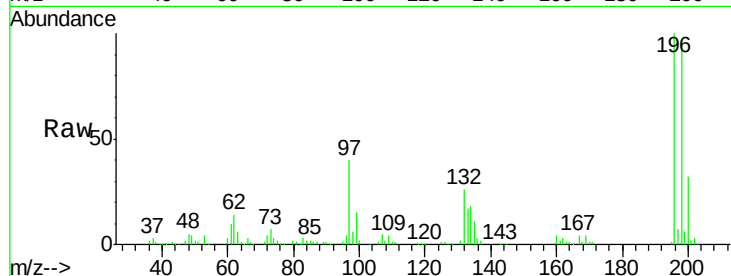




#43
 2,4,5-Trichlorophenol
 Concen: 44.52 ng
 RT: 10.18 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Tgt Ion	Resp	Lower	Upper
196	125617		
198	97.5	79.8	119.6
97	40.2	46.0	69.0#
132	25.6	26.6	40.0#



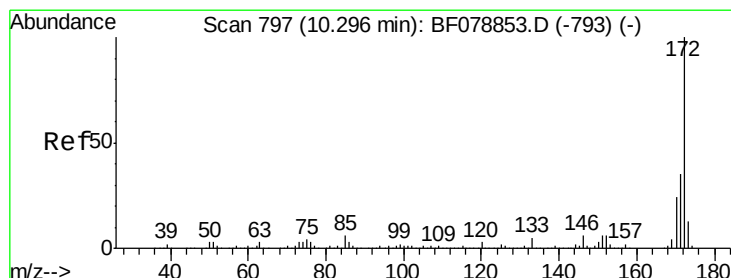
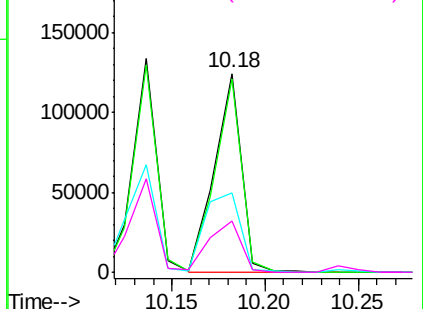
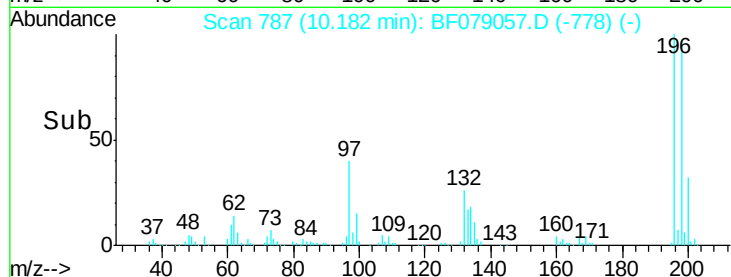
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

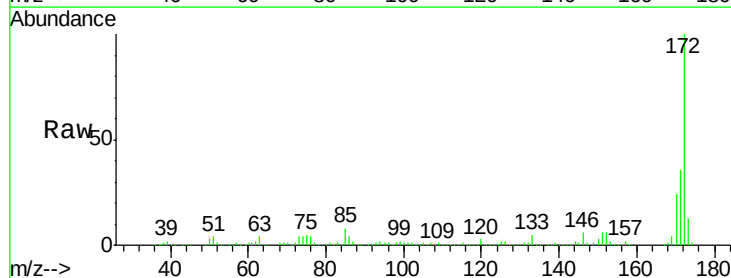
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.18 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion	Resp	Lower	Upper
172	798362		
171	35.5	27.9	41.9
170	23.8	19.4	29.0

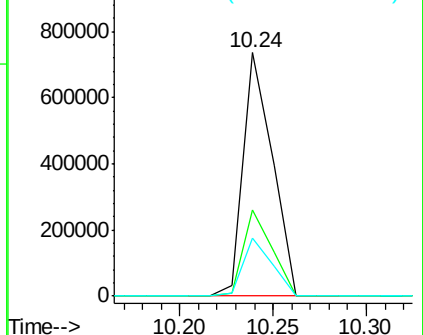
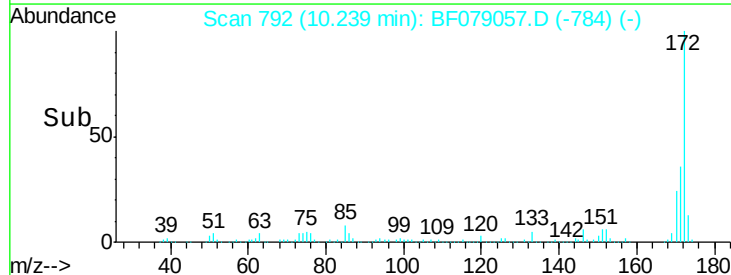


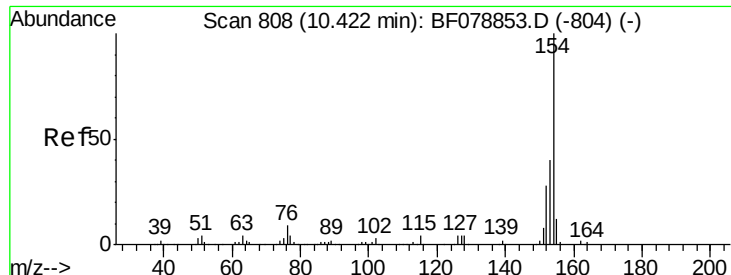
Abundance

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

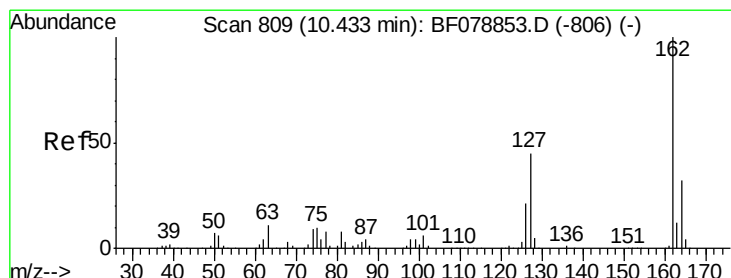
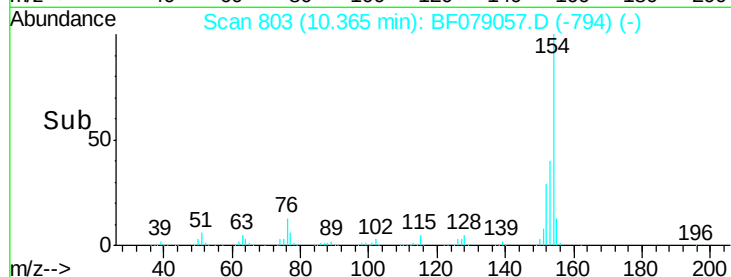
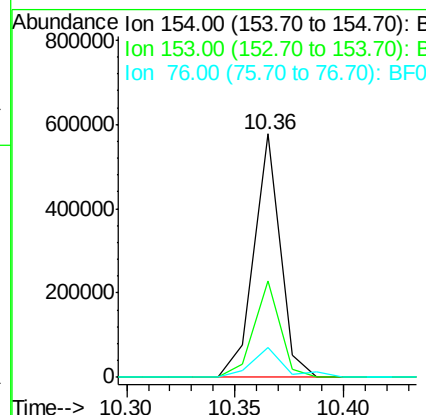
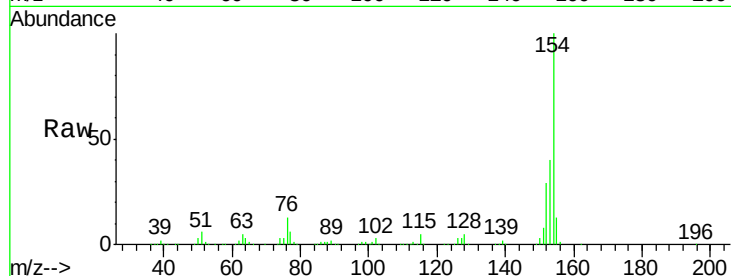




#45
 1,1'-Biphenyl
 Concen: 42.49 ng
 RT: 10.36 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

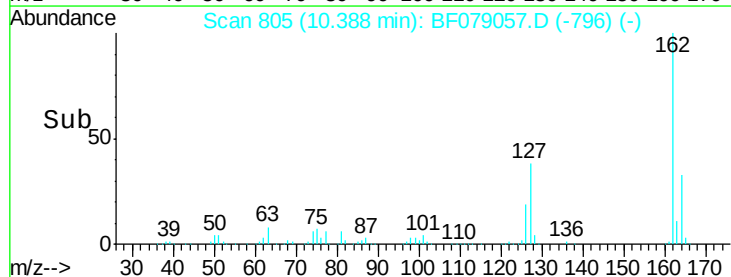
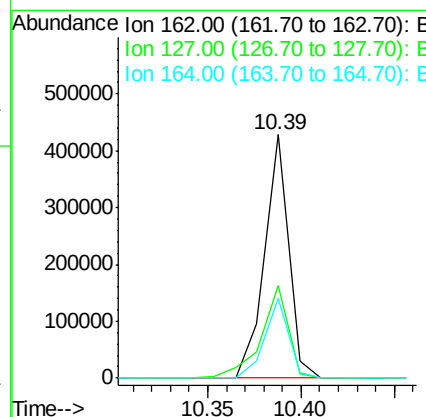
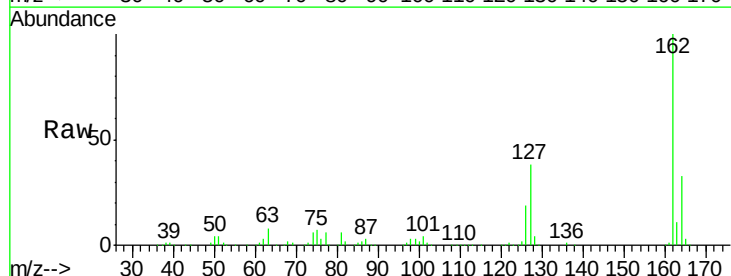
Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

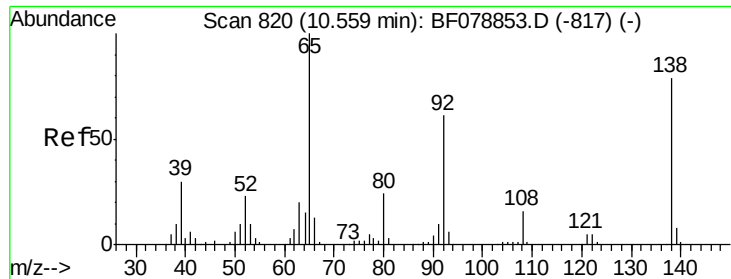
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.9	59.9
76	12.5	0.0	35.0



#46
 2-Chloronaphthalene
 Concen: 42.66 ng
 RT: 10.39 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	33.9	50.9
164	32.9	26.3	39.5

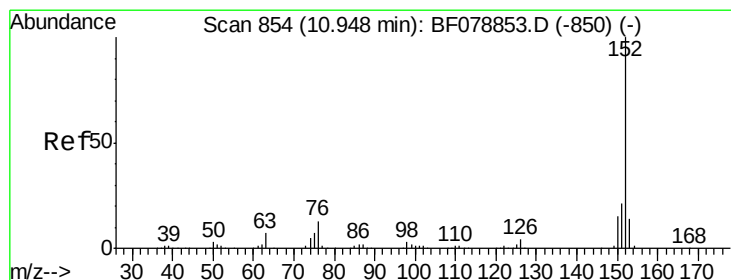
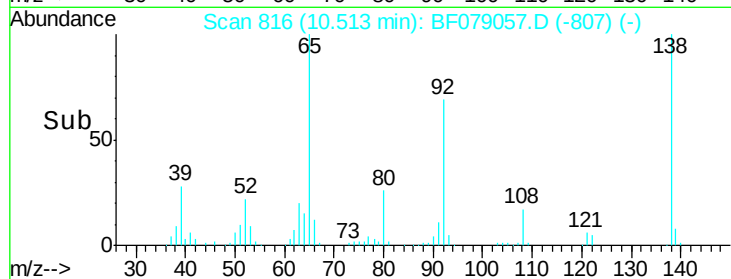
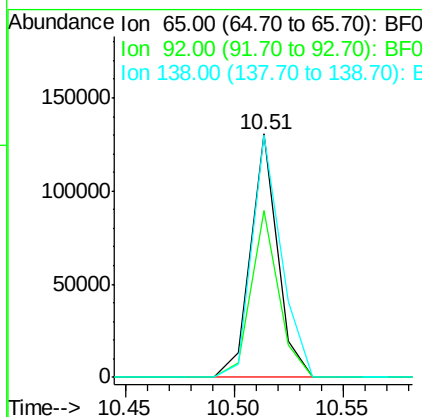
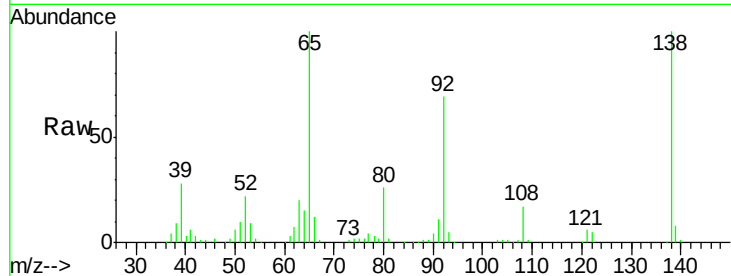




#47
 2-Nitroaniline
 Concen: 43.20 ng
 RT: 10.51 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

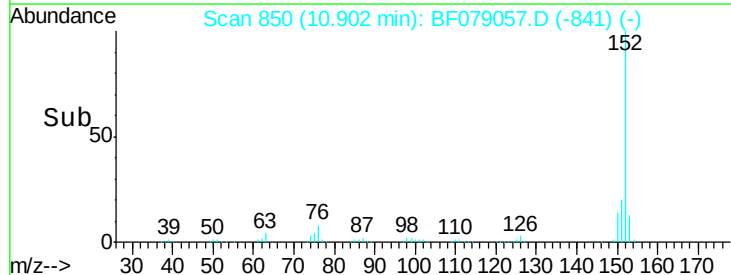
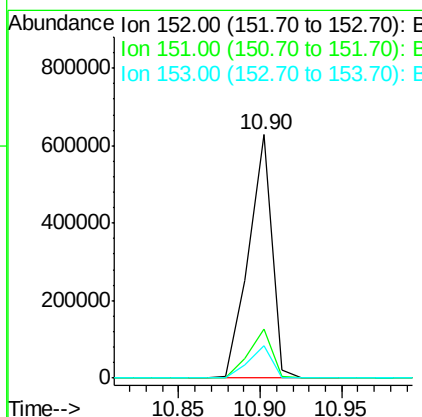
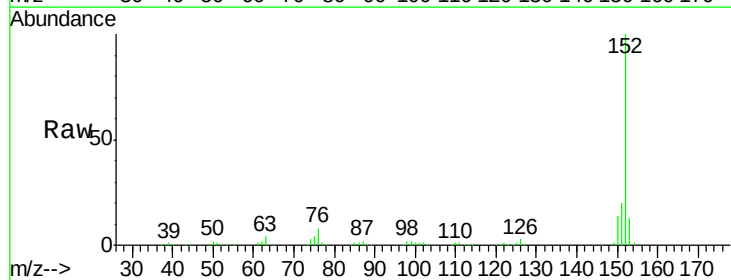
Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

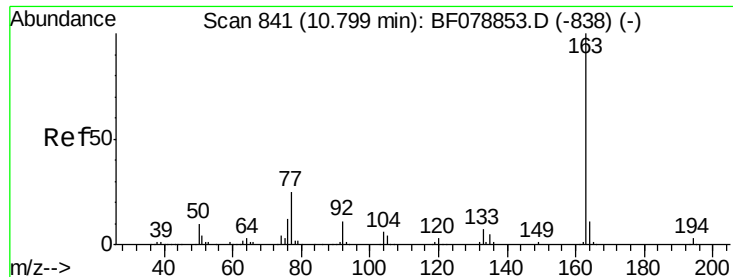
Tgt Ion: 65 Resp: 111875
 Ion Ratio Lower Upper
 65 100
 92 68.5 54.0 81.0
 138 99.5 75.0 112.6



#48
 Acenaphthylene
 Concen: 42.40 ng
 RT: 10.90 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion: 152 Resp: 622113
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4
 153 13.1 10.9 16.3

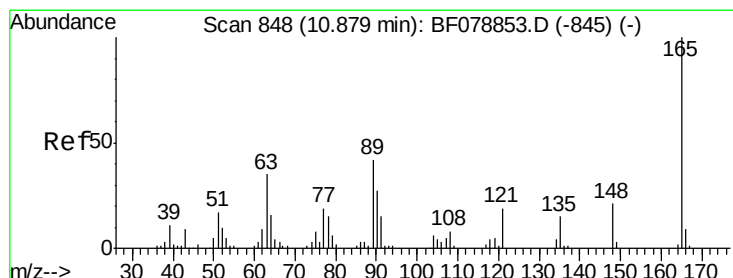
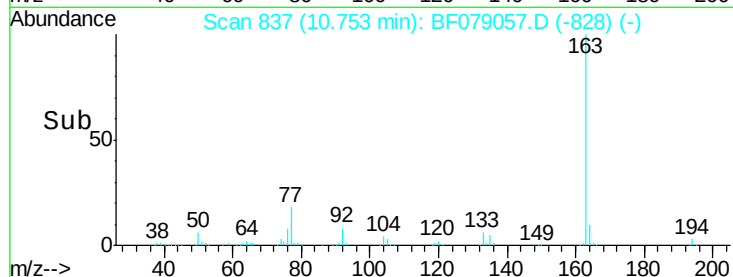
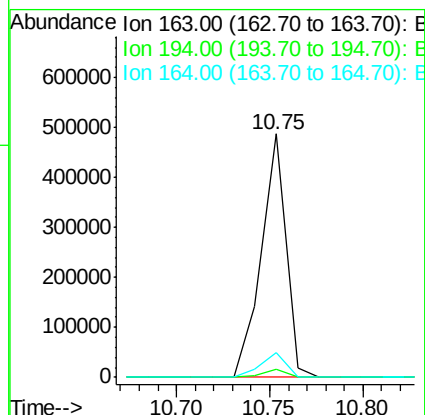
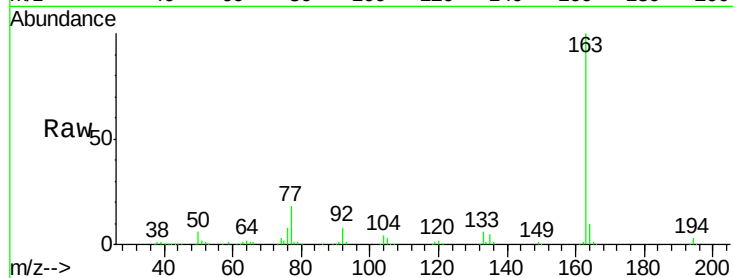




#49
Dimethylphthalate
Concen: 42.14 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

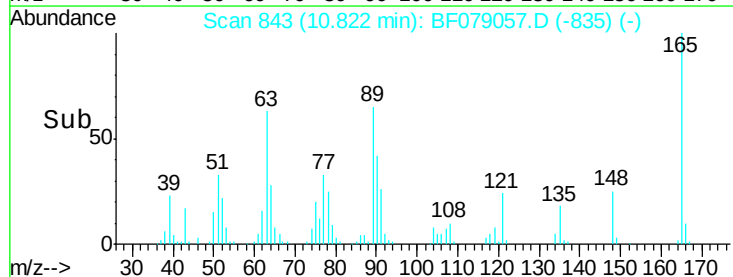
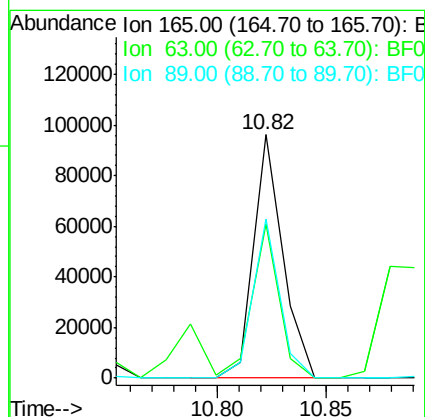
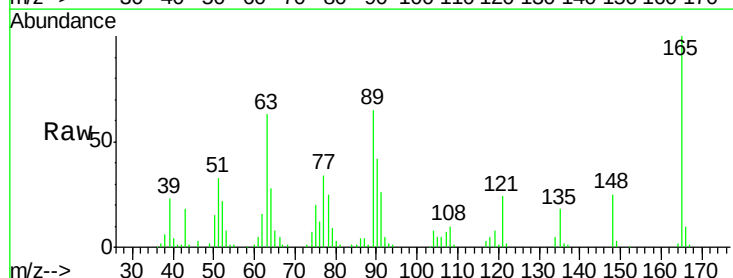
Instrument :
BNA_F
ClientSampleId :
PB83273BSD

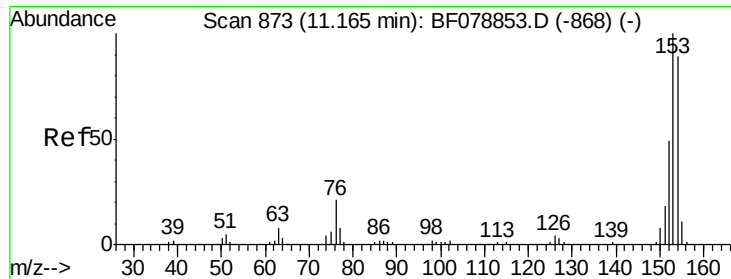
Tgt Ion:163 Resp: 445766
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 43.03 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Tgt Ion:165 Resp: 89825
Ion Ratio Lower Upper
165 100
63 63.1 54.4 81.6
89 65.2 55.7 83.5





#51

Acenaphthene

Concen: 40.30 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

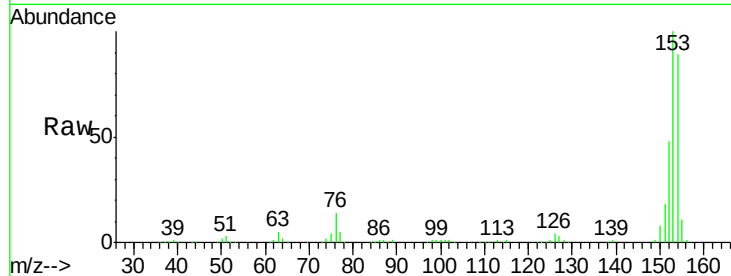
Tgt Ion:154 Resp: 352642

Ion Ratio Lower Upper

154 100

153 112.5 91.5 137.3

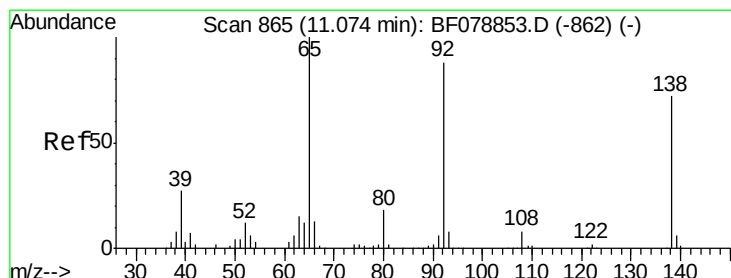
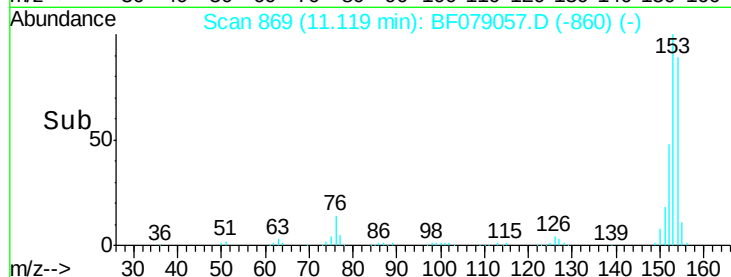
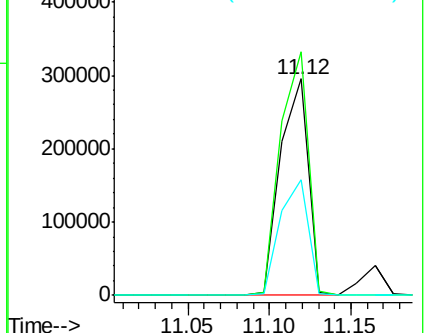
152 53.5 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.96 ng

RT: 11.03 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

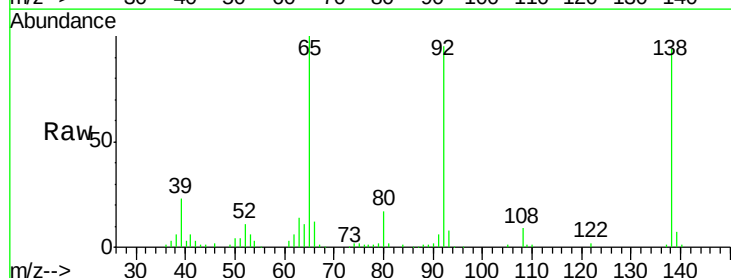
Tgt Ion:138 Resp: 78118

Ion Ratio Lower Upper

138 100

108 9.0 10.6 16.0#

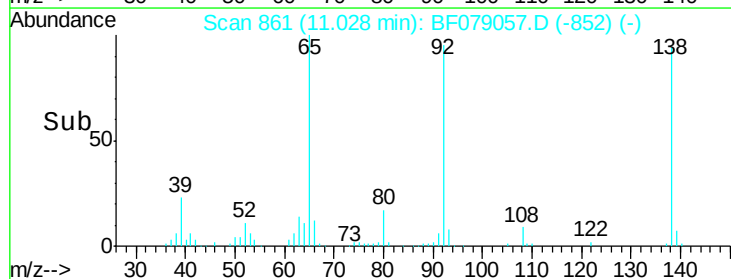
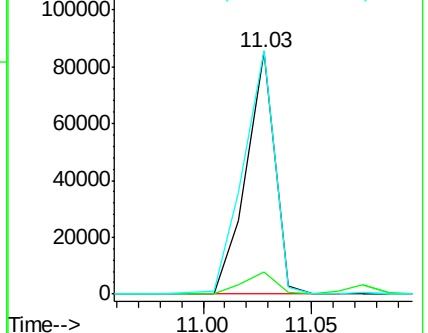
92 100.7 81.8 122.6

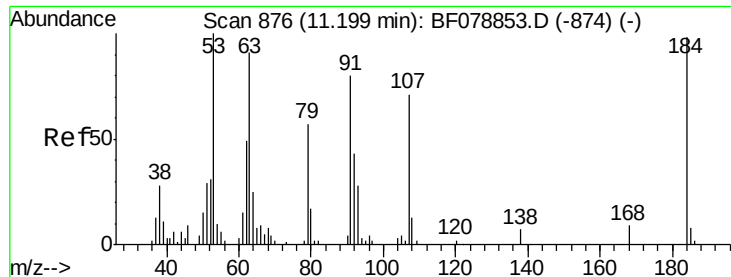


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

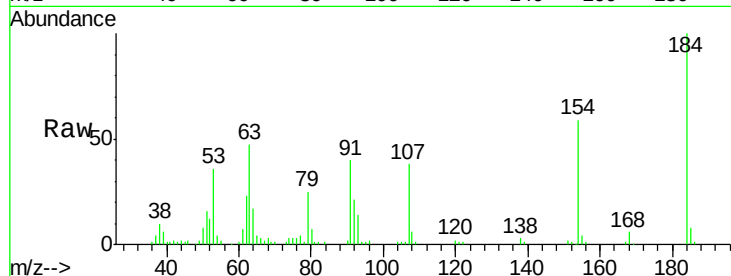




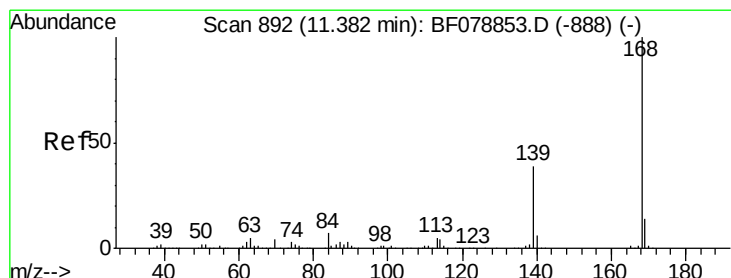
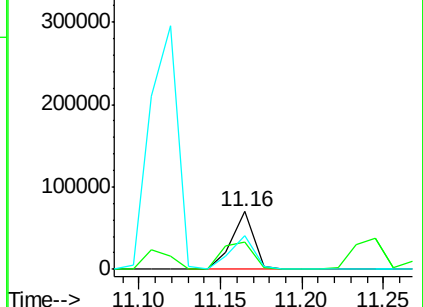
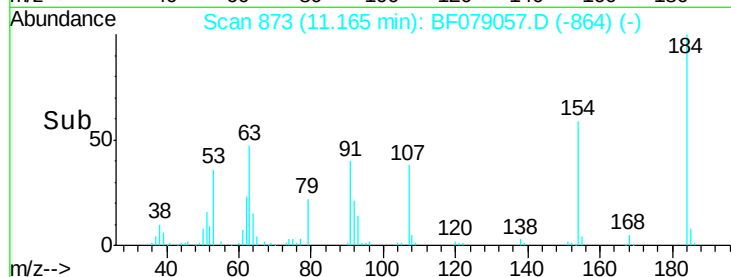
#53
2,4-Dinitrophenol
Concen: 77.31 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Instrument :
BNA_F
ClientSampleId :
PB83273BSD

Tgt Ion:184 Resp: 66944
Ion Ratio Lower Upper
184 100
63 46.7 63.3 94.9#
154 58.8 53.8 80.6

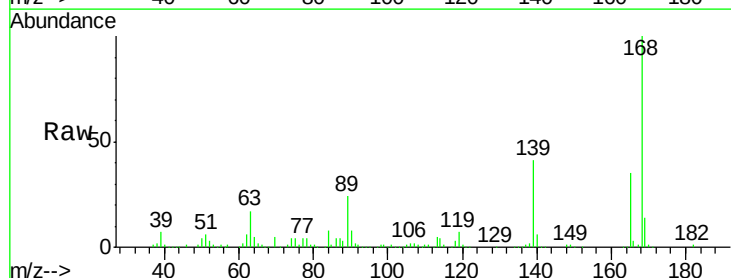


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

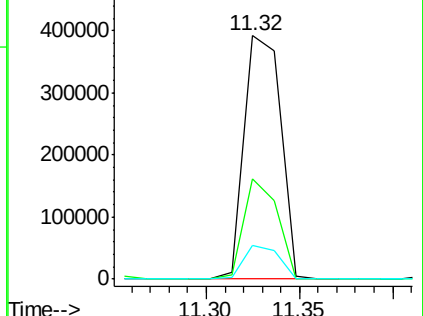
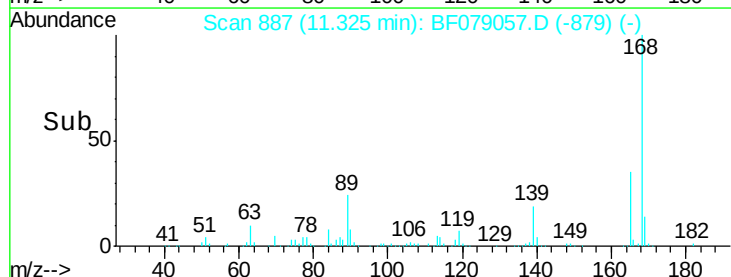


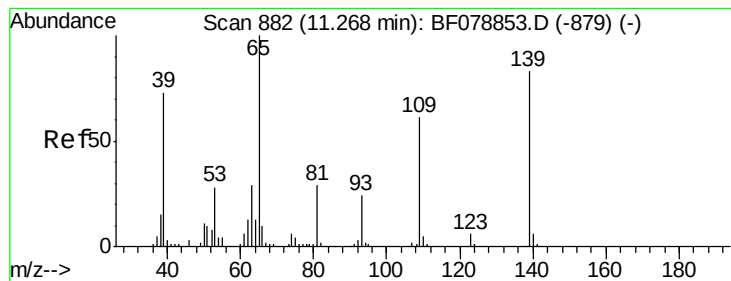
#54
Dibenzofuran
Concen: 42.12 ng
RT: 11.32 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Tgt Ion:168 Resp: 532354
Ion Ratio Lower Upper
168 100
139 41.4 31.0 46.4
169 13.7 10.6 16.0



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





#55

4-Nitrophenol

Concen: 91.33 ng

RT: 11.24 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

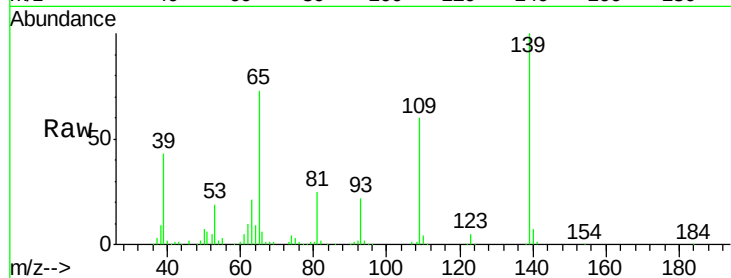
Tgt Ion:139 Resp: 188490

Ion Ratio Lower Upper

139 100

109 59.7 47.6 87.6

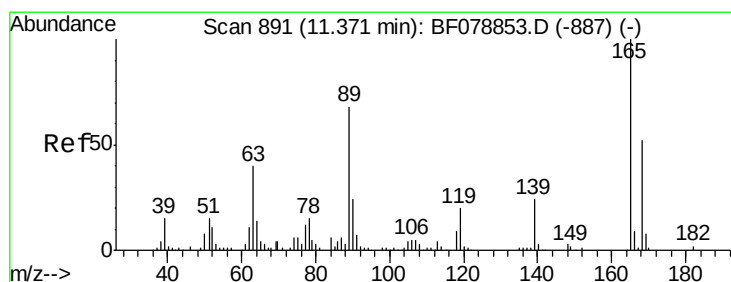
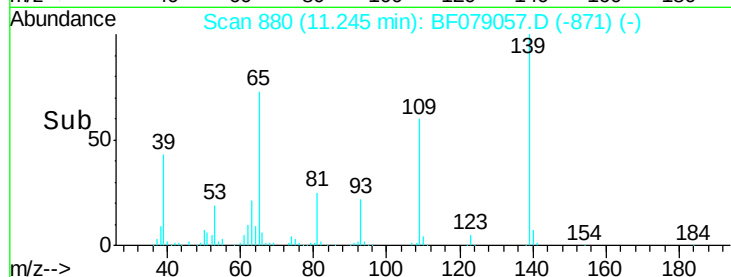
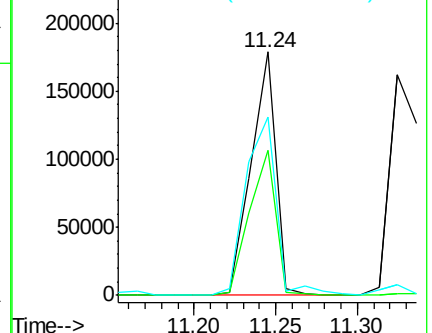
65 73.4 54.3 94.3



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



#56

2,4-Dinitrotoluene

Concen: 46.89 ng

RT: 11.32 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Tgt Ion:165 Resp: 129395

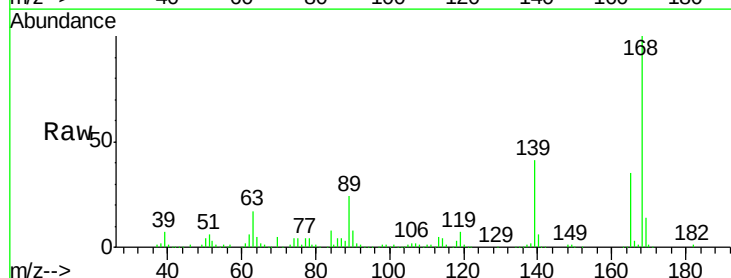
Ion Ratio Lower Upper

165 100

63 48.9 51.2 76.8#

89 68.2 82.7 124.1#

182 2.2 1.4 2.2#

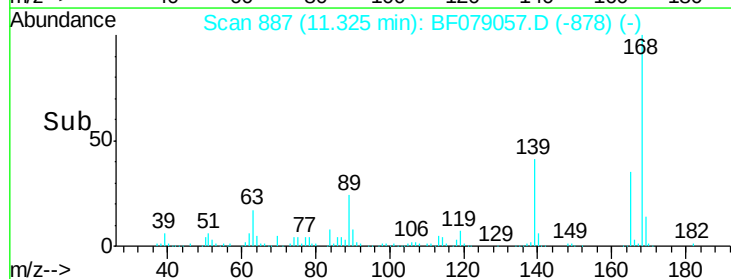
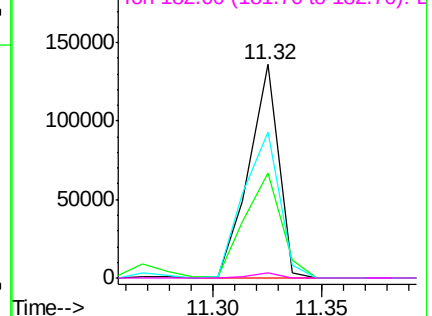


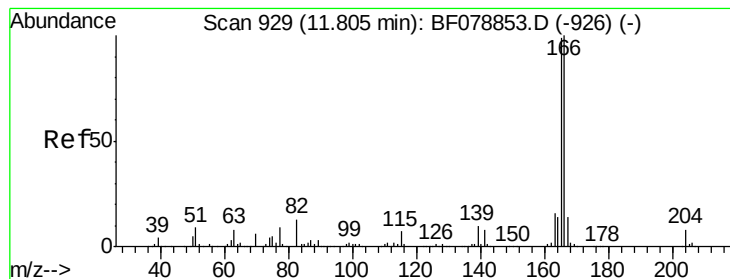
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.21 ng

RT: 11.76 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

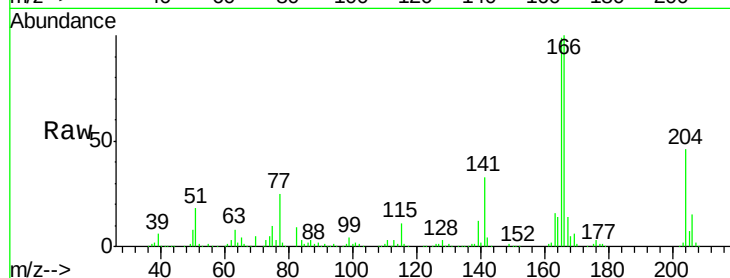
Tgt Ion:166 Resp: 437929

Ion Ratio Lower Upper

166 100

165 99.3 78.5 117.7

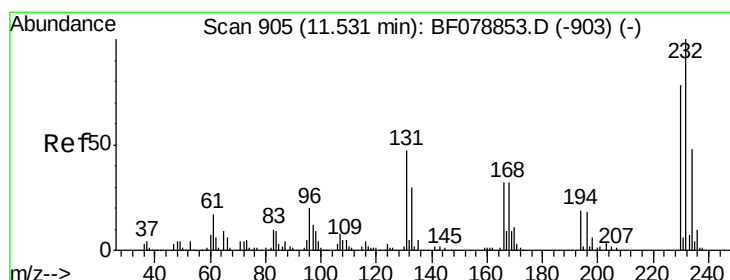
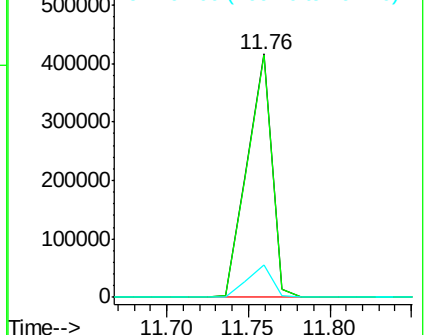
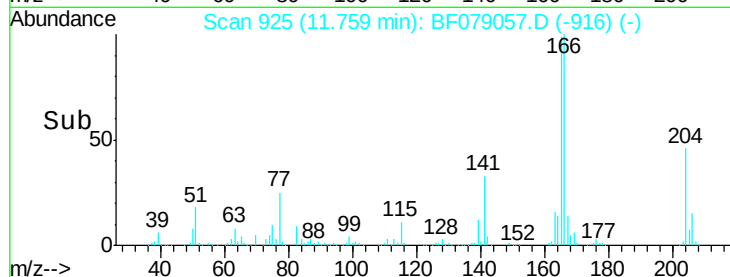
167 13.6 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.04 ng

RT: 11.48 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Tgt Ion:232 Resp: 96913

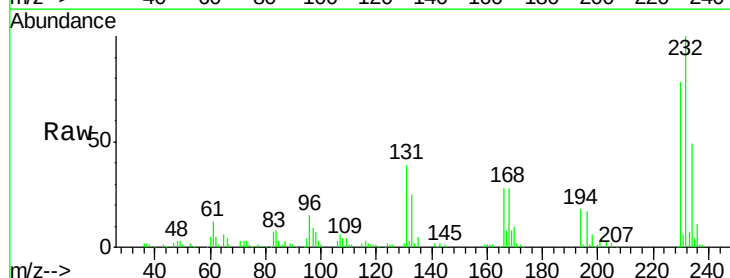
Ion Ratio Lower Upper

232 100

131 53.0 0.0 0.0#

130 2.3 0.0 0.0#

166 33.9 0.0 0.0#

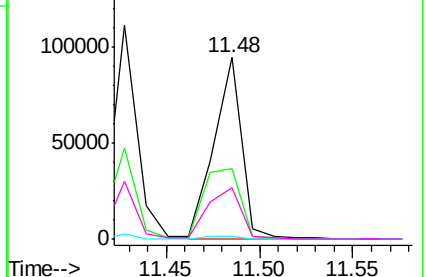
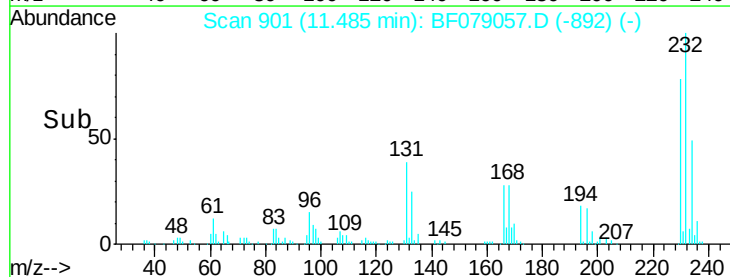


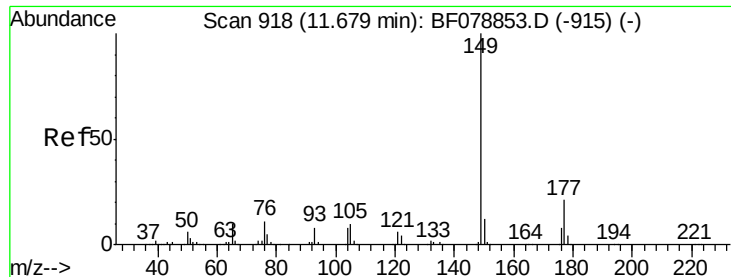
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

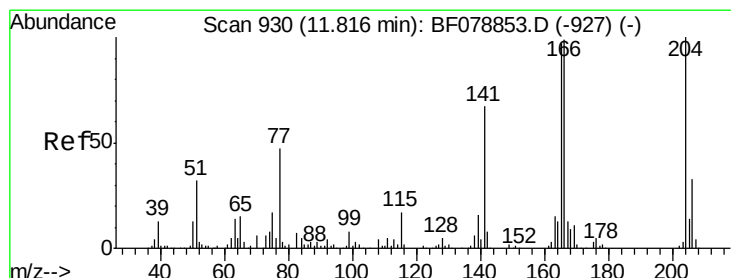
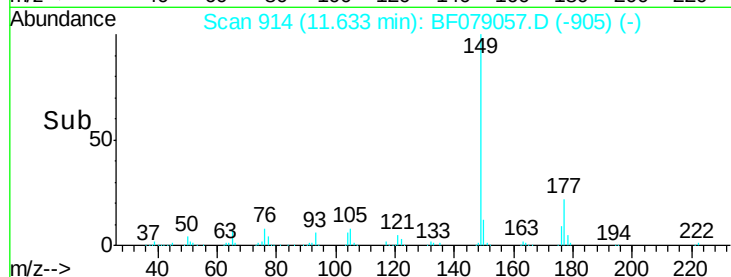
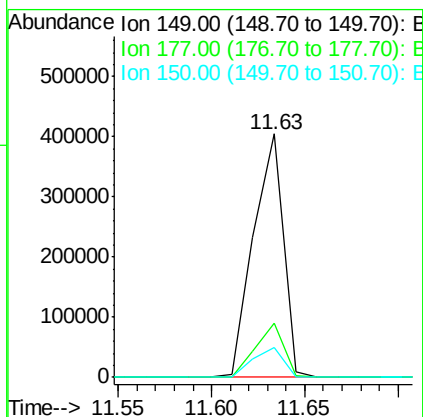
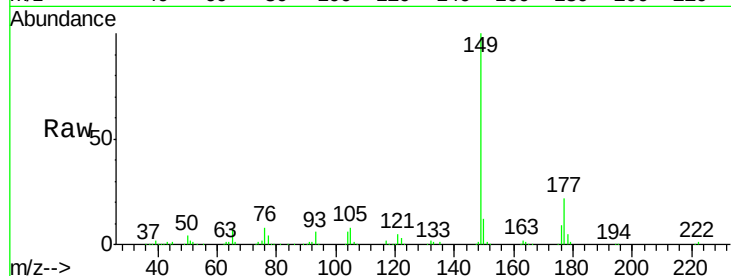




#59
Diethylphthalate
Concen: 42.52 ng
RT: 11.63 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

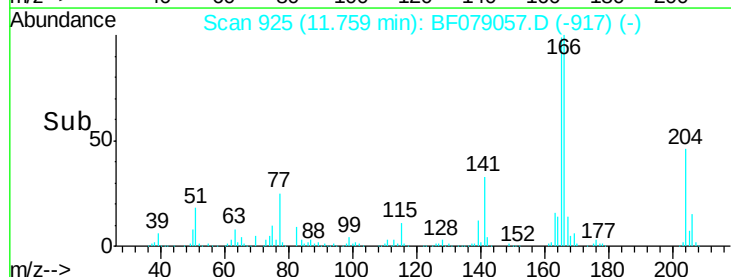
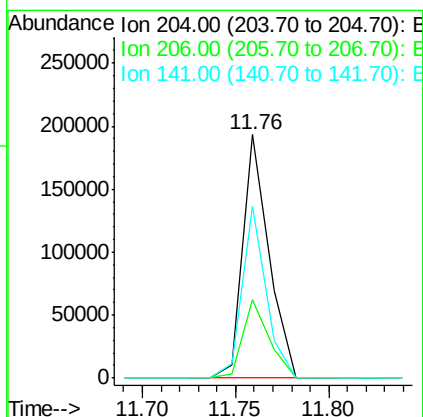
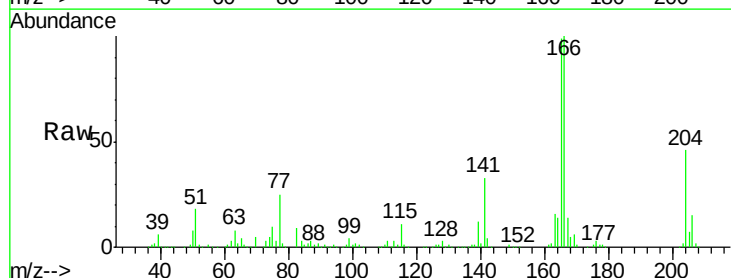
Instrument :
BNA_F
ClientSampleId :
PB83273BSD

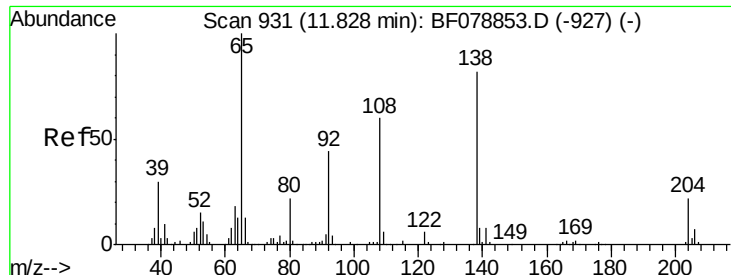
Tgt Ion:149 Resp: 445598
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.1 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 40.80 ng
RT: 11.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Tgt Ion:204 Resp: 187762
Ion Ratio Lower Upper
204 100
206 32.3 26.9 40.3
141 70.8 48.3 72.5

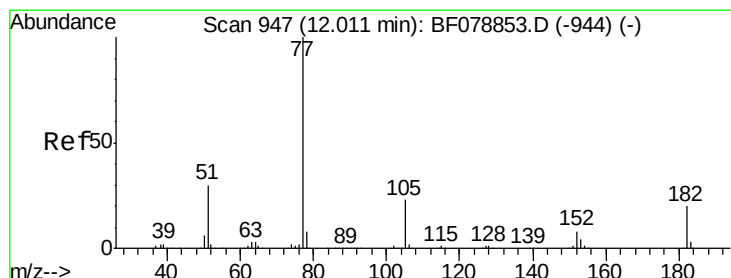
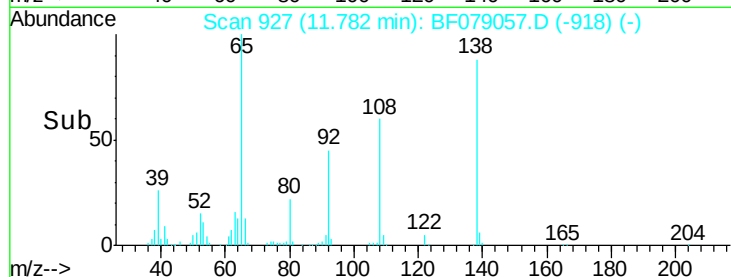
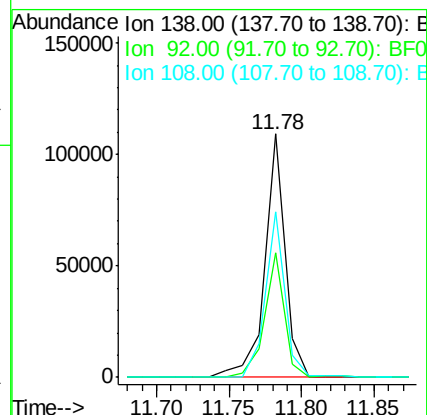
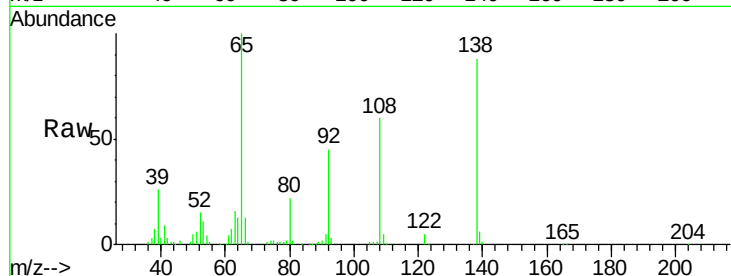




#61
4-Nitroaniline
Concen: 40.53 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

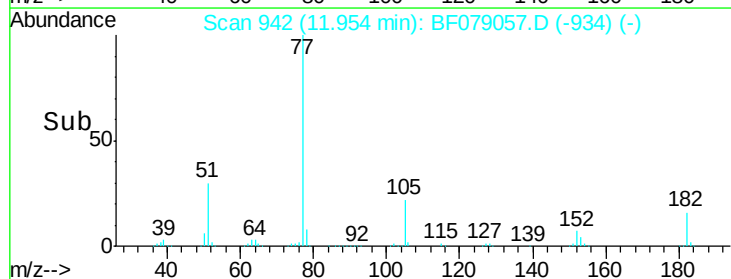
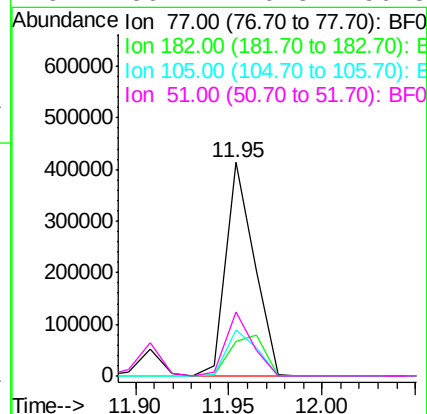
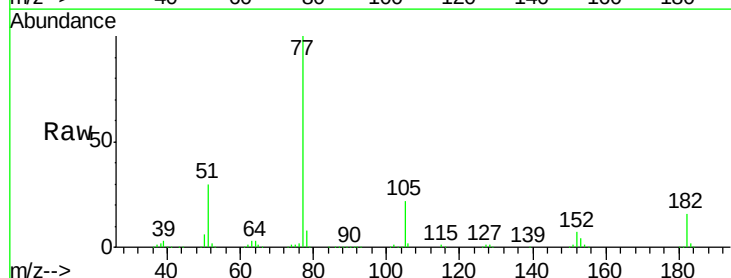
Instrument :
BNA_F
ClientSampleId :
PB83273BSD

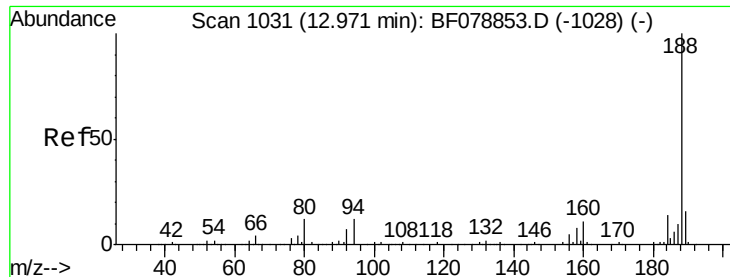
Tgt Ion:138 Resp: 105728
Ion Ratio Lower Upper
138 100
92 51.3 28.0 68.0
108 68.2 56.3 96.3



#62
Azobenzene
Concen: 42.42 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Tgt Ion: 77 Resp: 437966
Ion Ratio Lower Upper
77 100
182 16.1 3.8 43.8
105 21.9 3.9 43.9
51 30.2 10.8 50.8

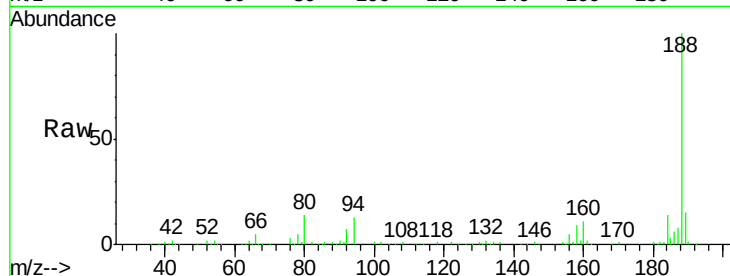




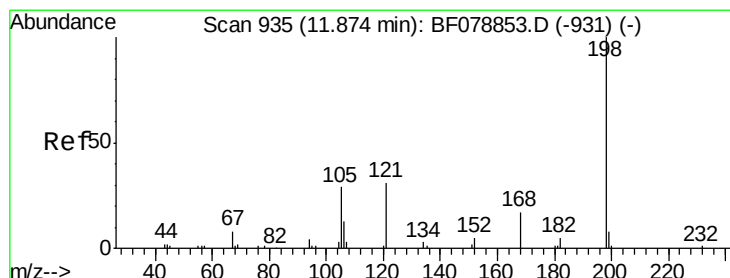
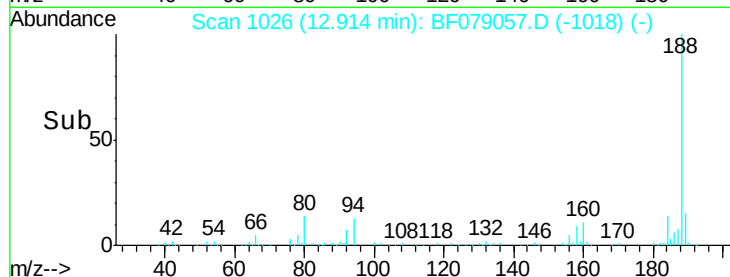
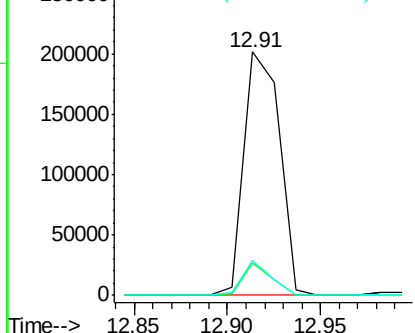
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.91 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Tgt Ion:188 Resp: 267058
 Ion Ratio Lower Upper
 188 100
 94 13.1 8.2 12.2#
 80 14.3 8.9 13.3#

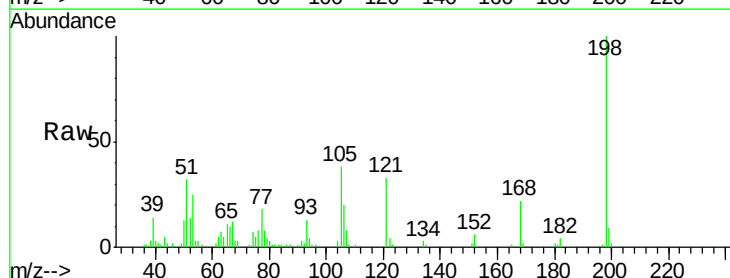


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

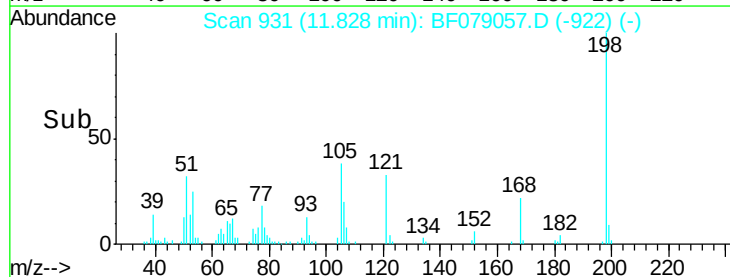
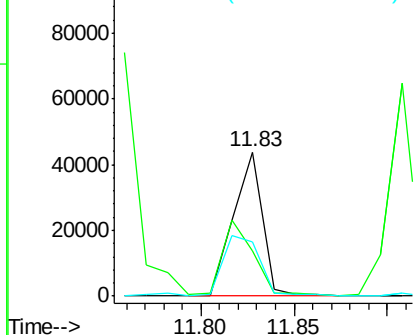


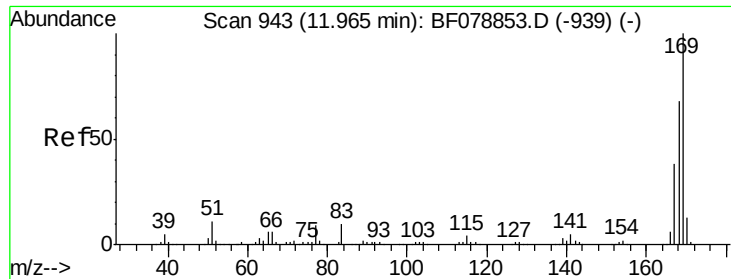
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.27 ng
 RT: 11.83 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion:198 Resp: 47730
 Ion Ratio Lower Upper
 198 100
 51 31.5 47.3 87.3#
 105 37.8 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

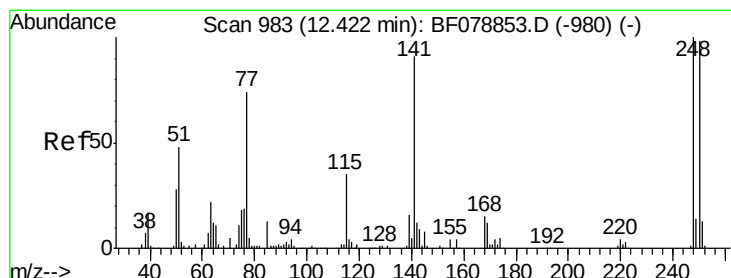
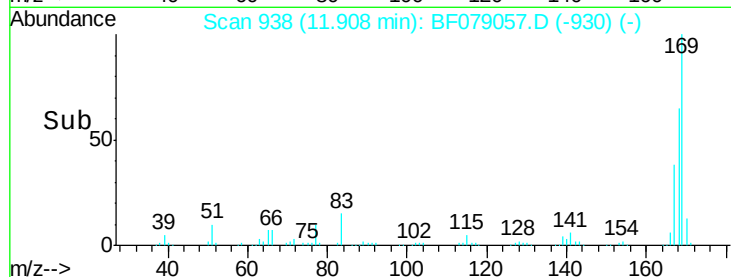
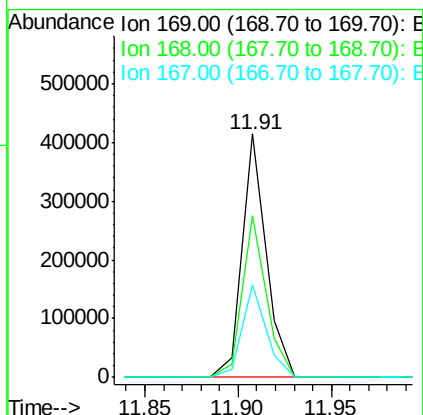
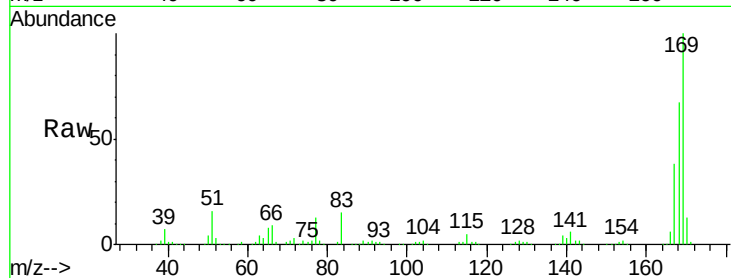




#65
 n-Nitrosodiphenylamine
 Concen: 41.99 ng
 RT: 11.91 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

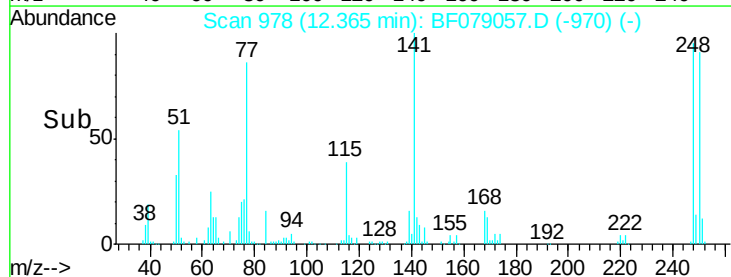
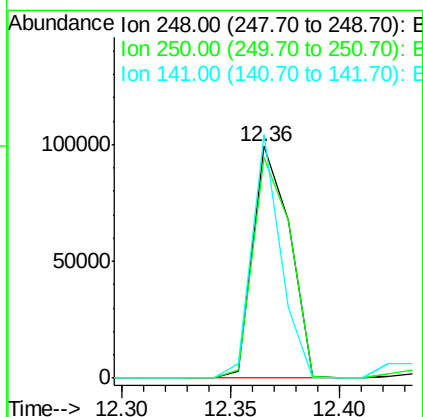
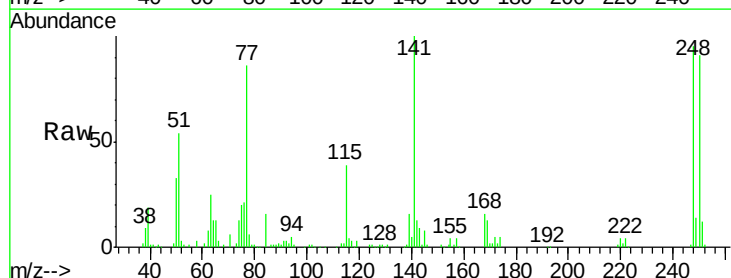
Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

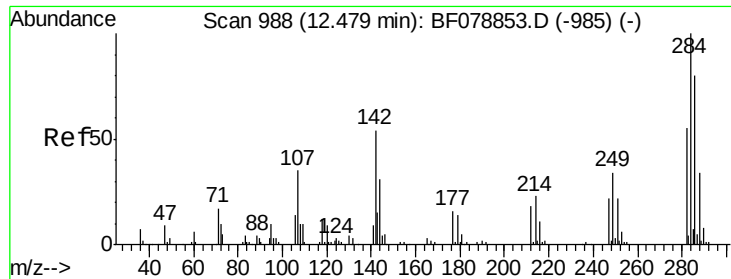
Tgt Ion:169 Resp: 373452
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.6 82.0
 167 38.1 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 42.08 ng
 RT: 12.36 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion:248 Resp: 117147
 Ion Ratio Lower Upper
 248 100
 250 95.2 77.1 115.7
 141 104.9 58.8 88.2#





#67

Hexachlorobenzene

Concen: 43.31 ng

RT: 12.43 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

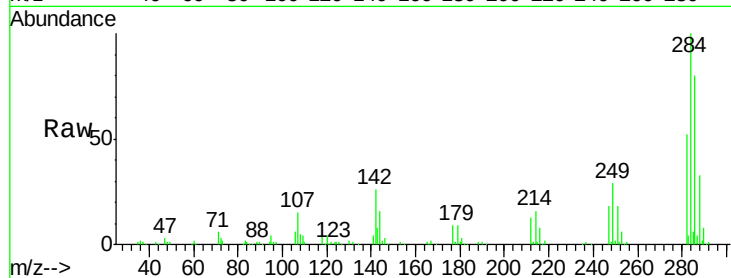
Tgt Ion:284 Resp: 137783

Ion Ratio Lower Upper

284 100

142 26.0 35.2 52.8#

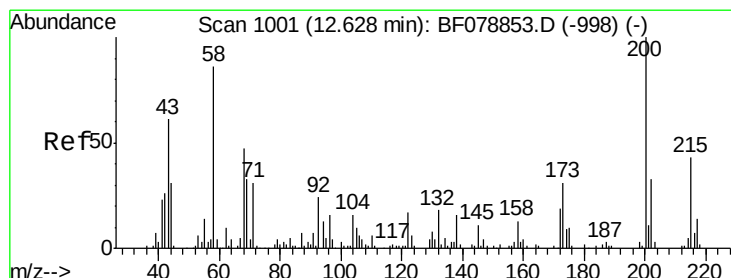
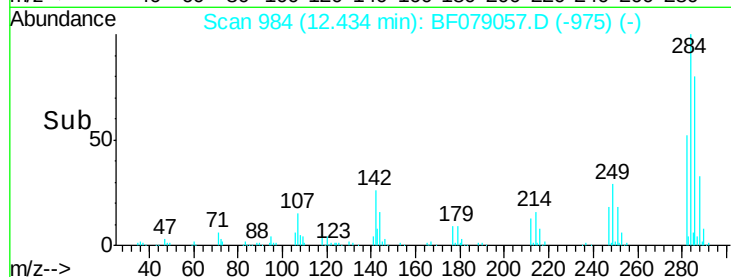
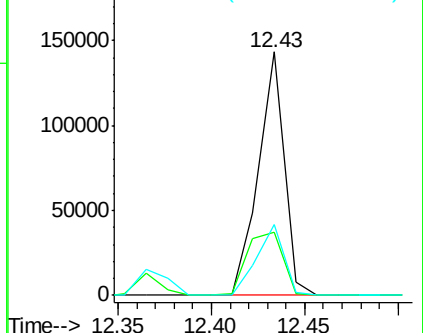
249 28.9 25.4 38.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.49 ng

RT: 12.58 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

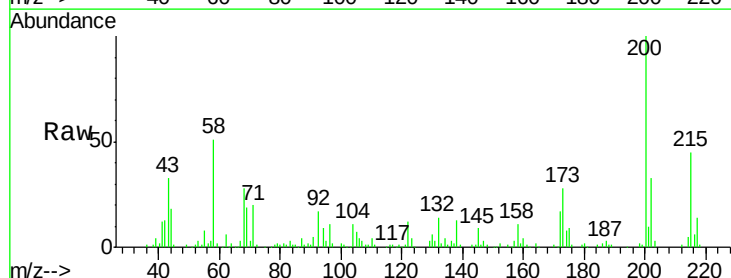
Tgt Ion:200 Resp: 120227

Ion Ratio Lower Upper

200 100

173 27.8 8.1 48.1

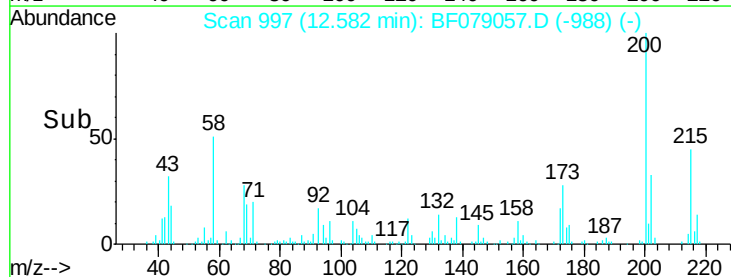
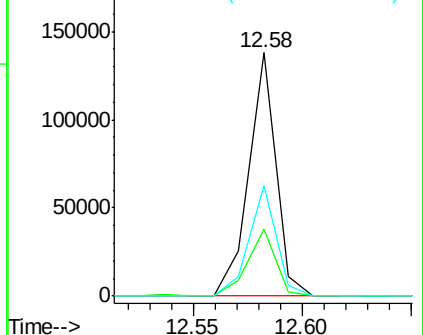
215 45.2 22.9 62.9

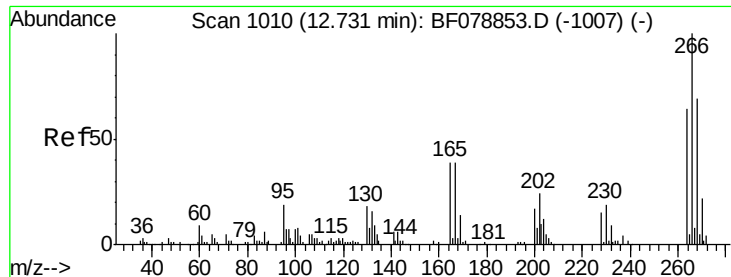


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

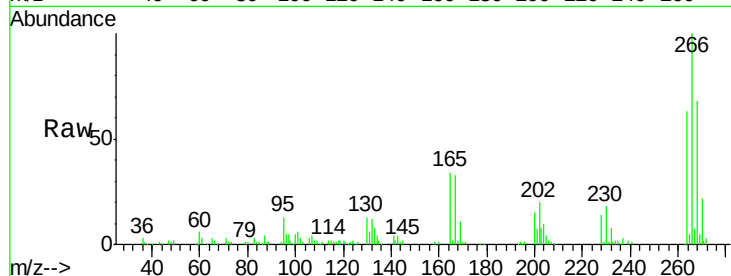




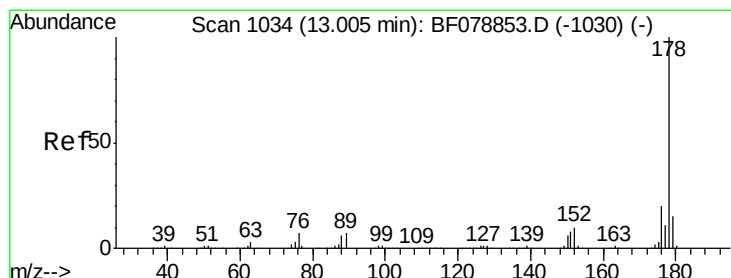
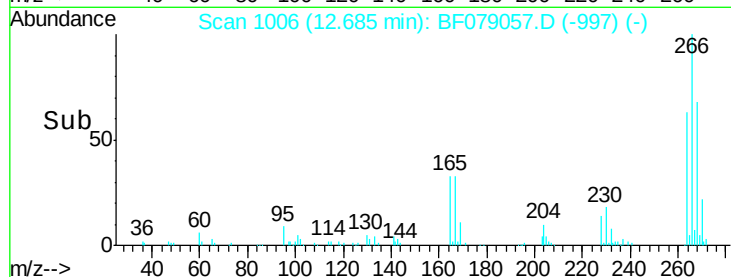
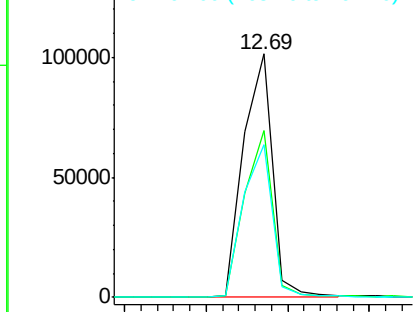
#69
 Pentachlorophenol
 Concen: 68.42 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Tgt Ion:266 Resp: 125338
 Ion Ratio Lower Upper
 266 100
 268 68.3 55.0 82.6
 264 62.8 48.2 72.2

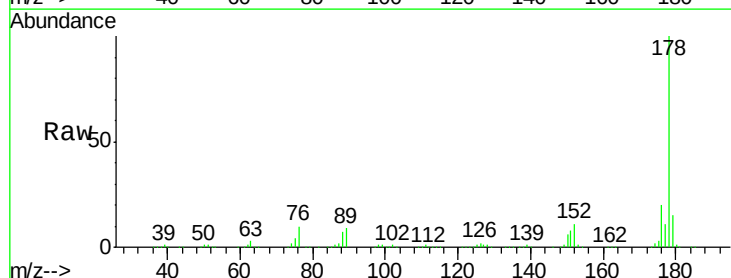


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

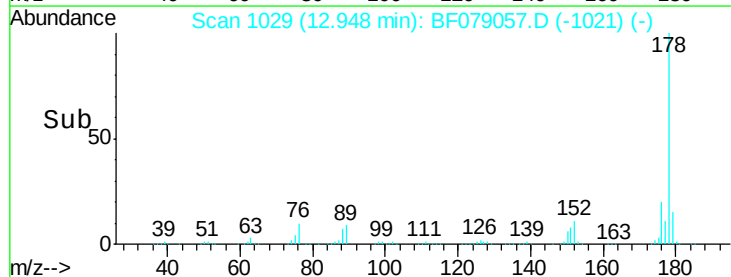
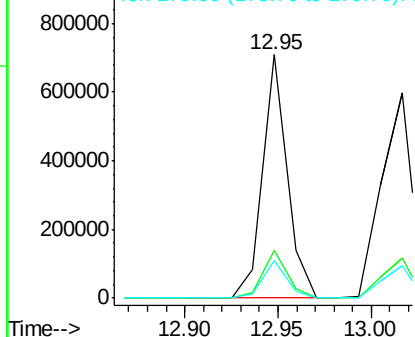


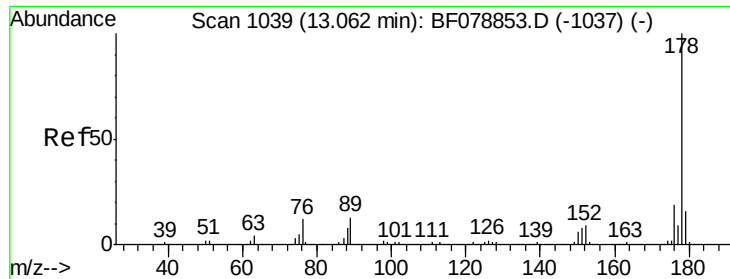
#70
 Phenanthrene
 Concen: 42.91 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion:178 Resp: 641060
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.4 12.5 18.7



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

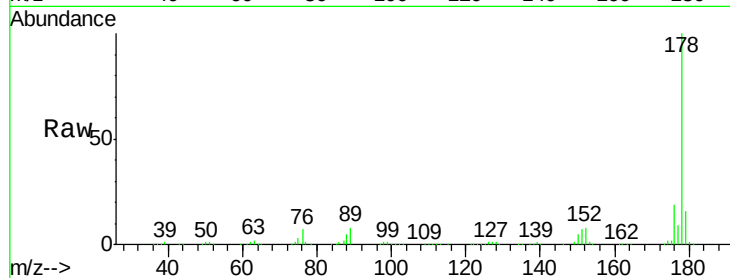




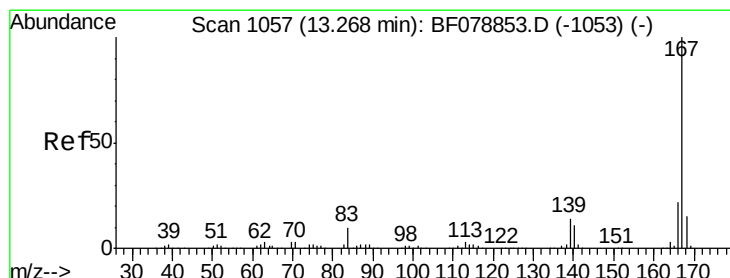
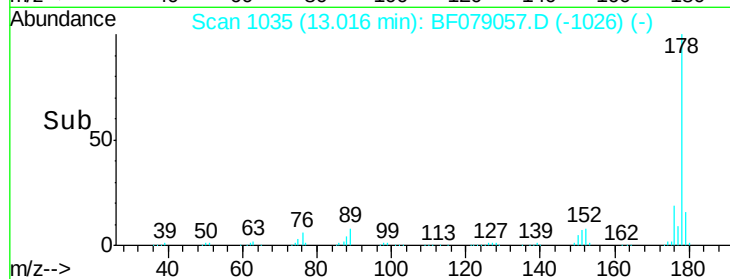
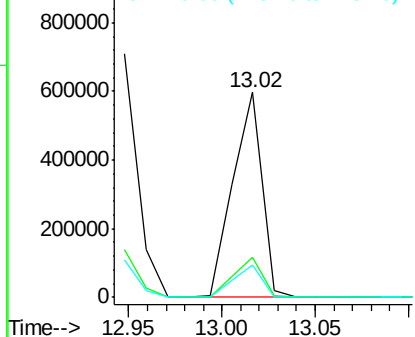
#71
 Anthracene
 Concen: 44.46 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Tgt Ion:178 Resp: 651705
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.6 12.7 19.1

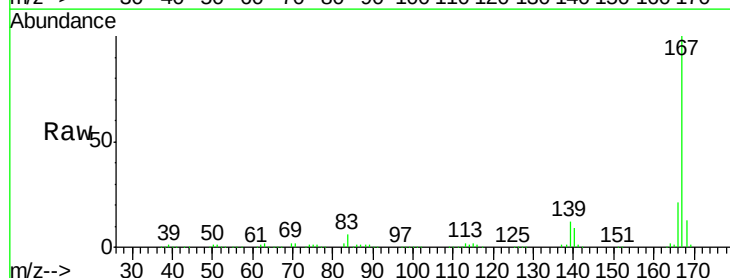


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

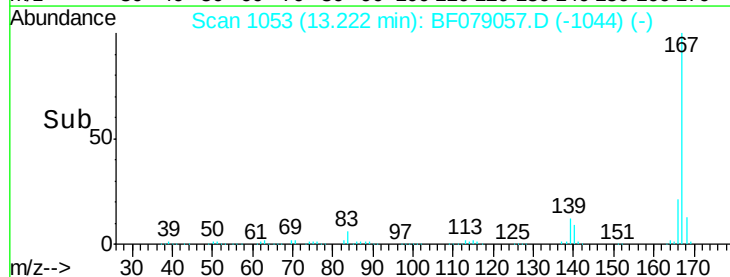
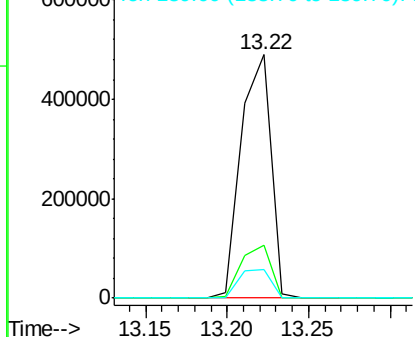


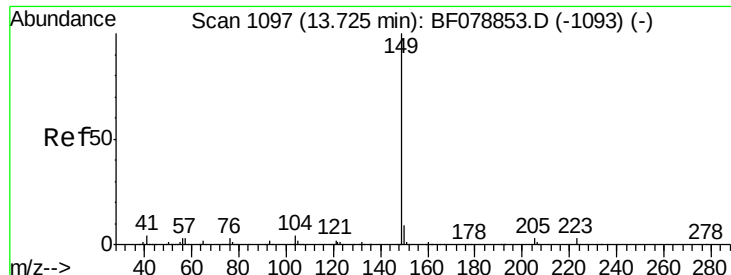
#72
 Carbazole
 Concen: 44.44 ng
 RT: 13.22 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion:167 Resp: 620773
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.8
 139 11.9 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

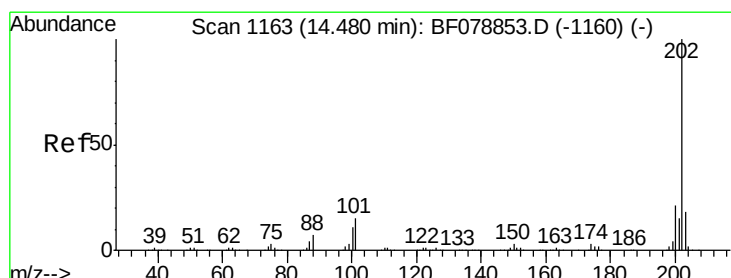
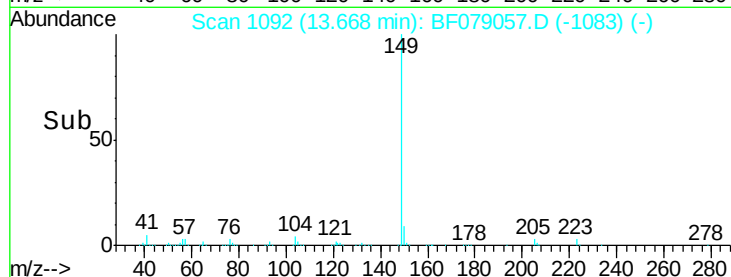
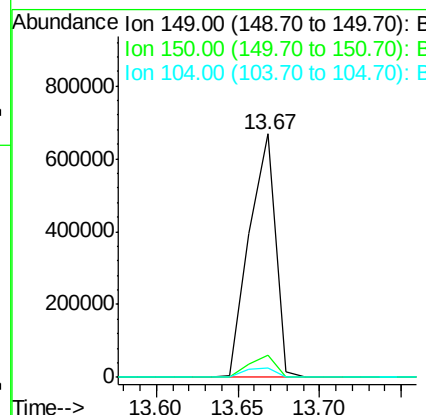
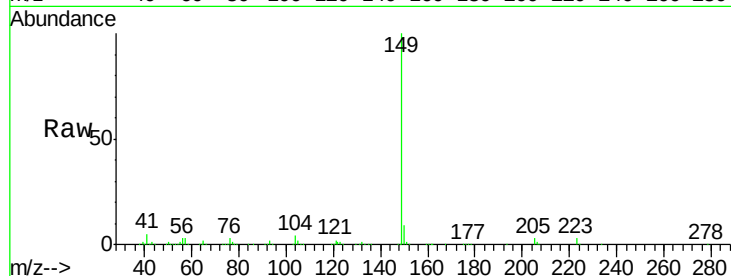




#73
Di-n-butylphthalate
Concen: 44.35 ng
RT: 13.67 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

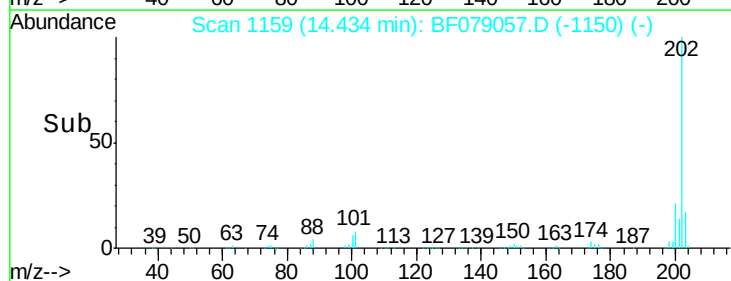
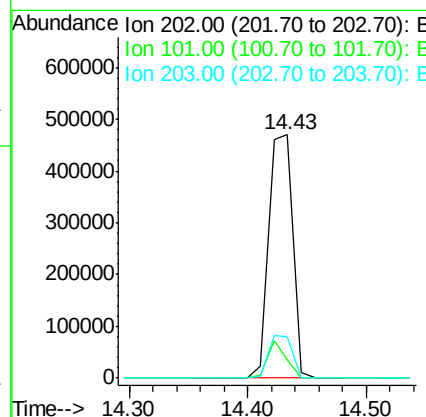
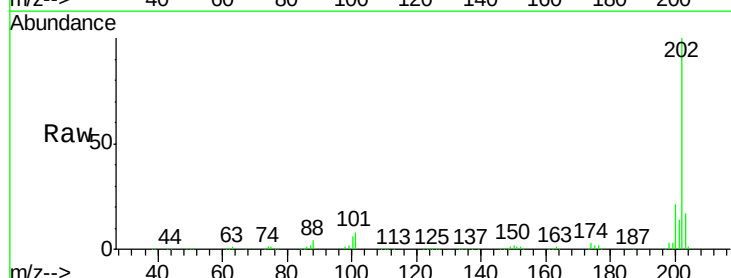
Instrument :
BNA_F
ClientSampleId :
PB83273BSD

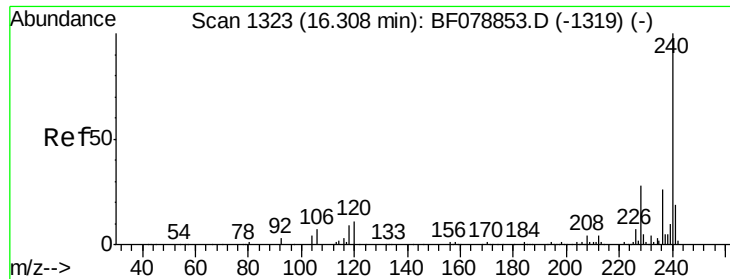
Tgt Ion:149 Resp: 743070
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.0 4.6 7.0#



#74
Fluoranthene
Concen: 42.76 ng
RT: 14.43 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Tgt Ion:202 Resp: 665726
Ion Ratio Lower Upper
202 100
101 7.7 0.0 34.6
203 17.2 0.0 38.4

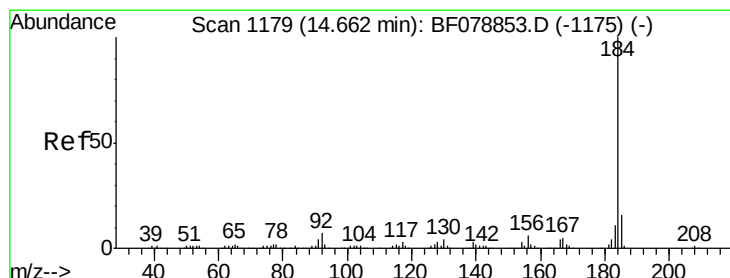
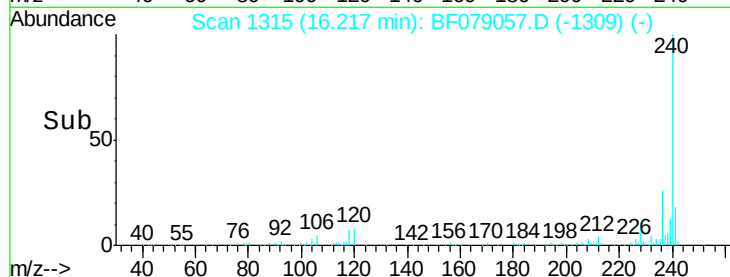
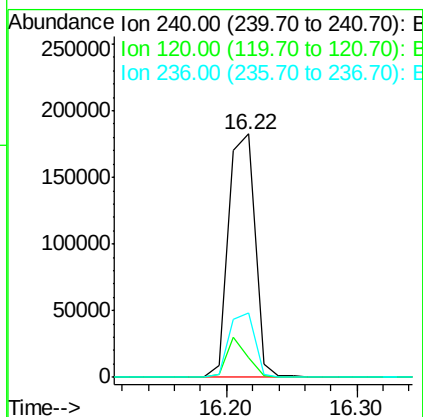
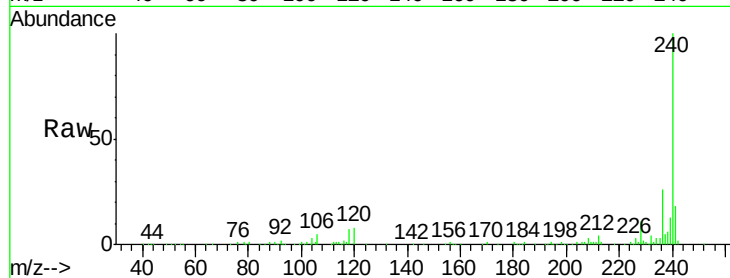




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

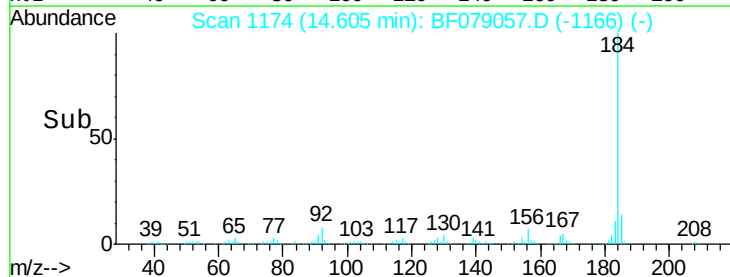
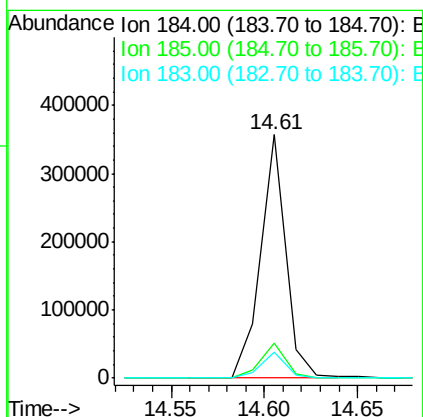
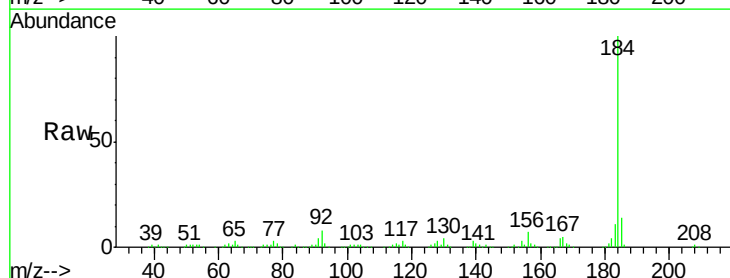
Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

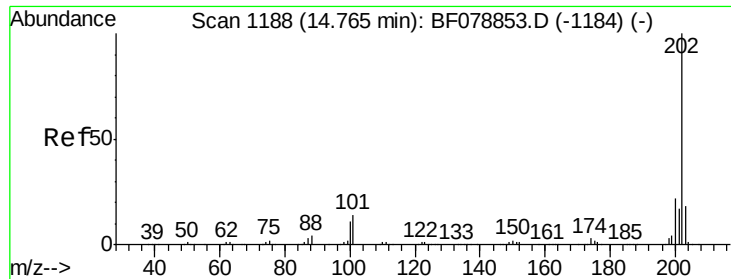
Tgt Ion:240 Resp: 256947
 Ion Ratio Lower Upper
 240 100
 120 8.2 9.7 14.5#
 236 26.4 20.2 30.4



#76
 Benzidine
 Concen: 48.02 ng
 RT: 14.61 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion:184 Resp: 332523
 Ion Ratio Lower Upper
 184 100
 185 14.3 12.3 18.5
 183 10.8 8.4 12.6

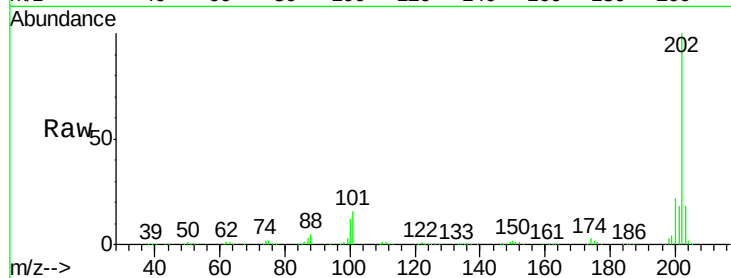




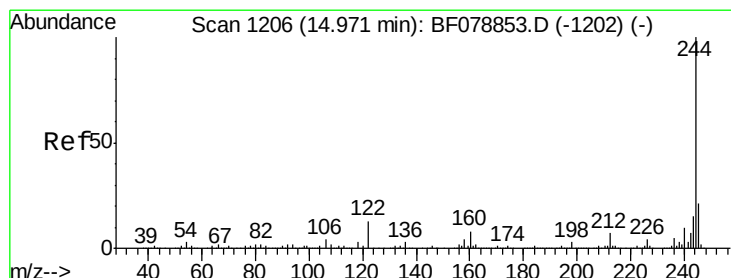
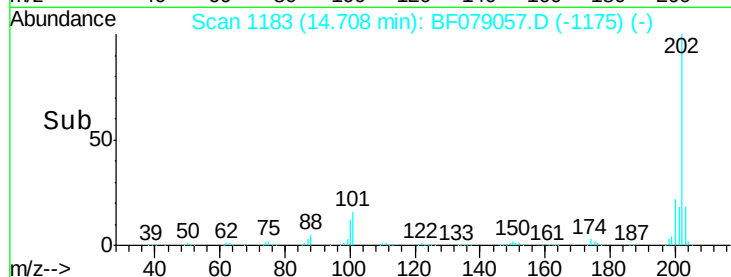
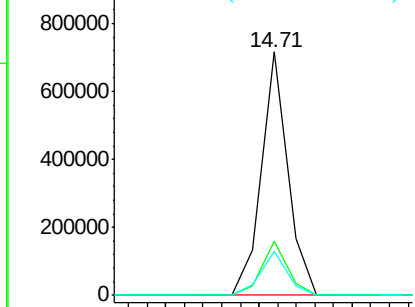
#77
 Pyrene
 Concen: 47.36 ng
 RT: 14.71 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.5	26.3
203	18.2	13.9	20.9

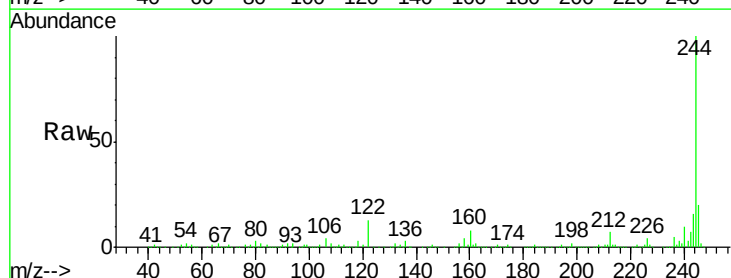


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

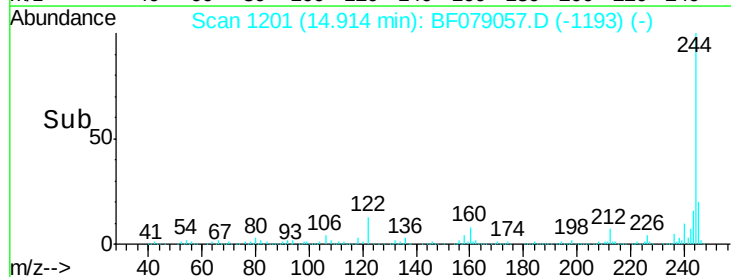
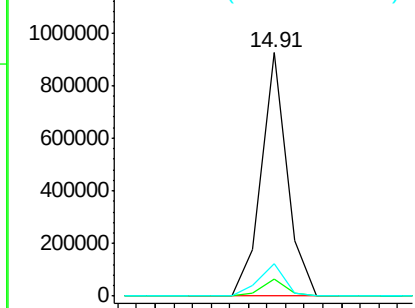


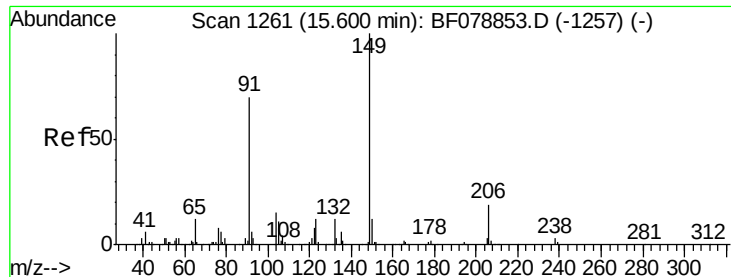
#78
 Terphenyl-d14
 Concen: 84.14 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	13.3	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

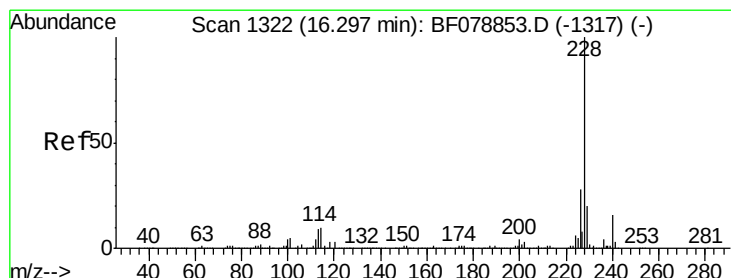
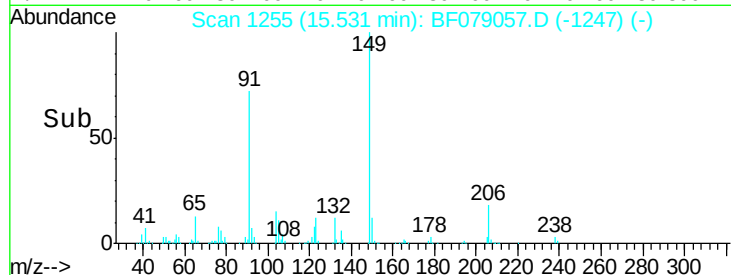
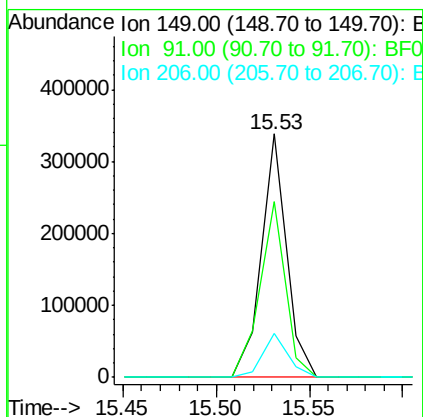
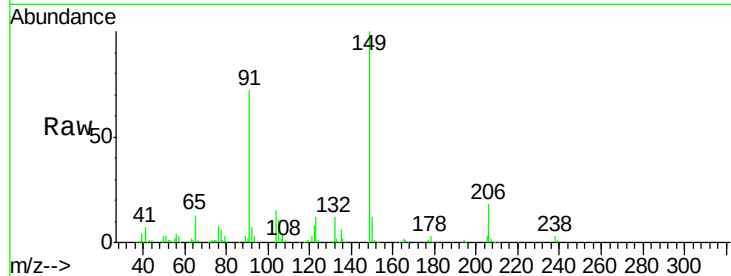




#79
Butylbenzylphthalate
Concen: 48.80 ng
RT: 15.53 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

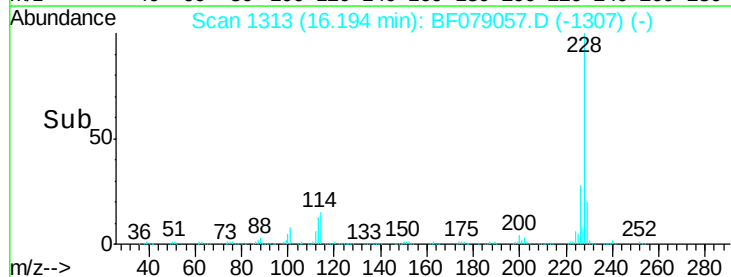
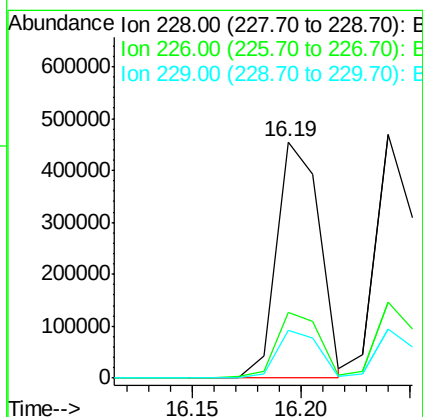
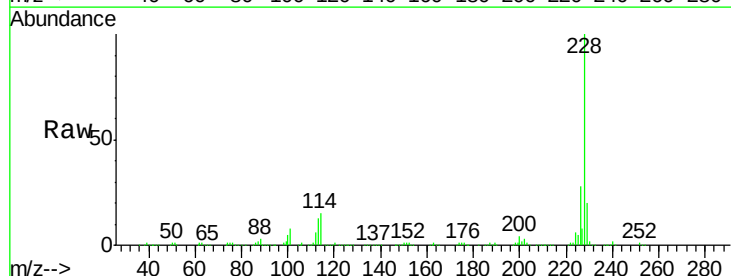
Instrument :
BNA_F
ClientSampleId :
PB83273BSD

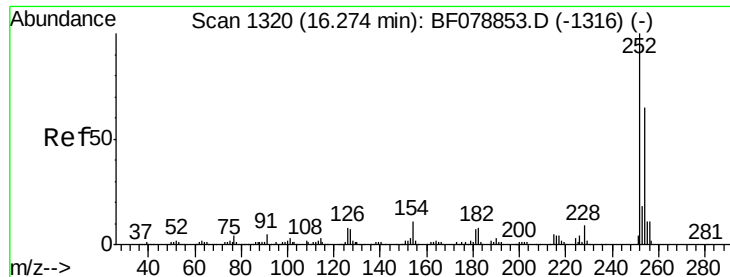
Tgt Ion:149 Resp: 315824
Ion Ratio Lower Upper
149 100
91 72.4 64.6 97.0
206 17.9 12.2 18.4



#80
Benzo(a)anthracene
Concen: 44.41 ng
RT: 16.19 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Tgt Ion:228 Resp: 624861
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.1 15.9 23.9

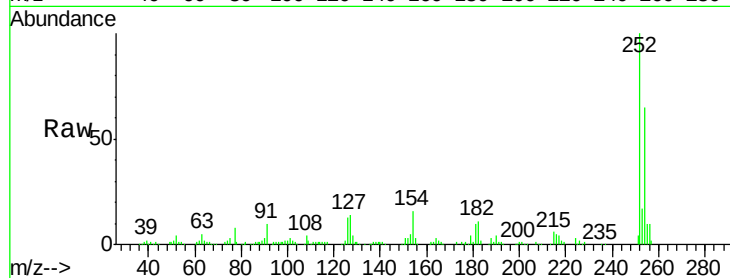




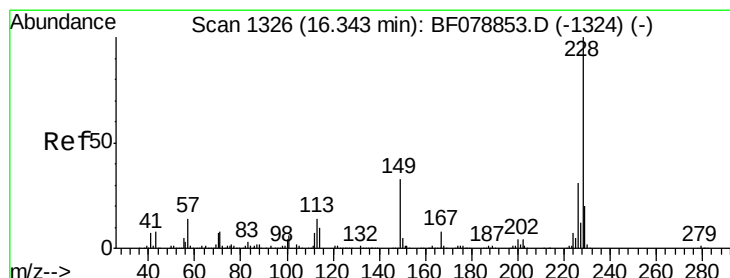
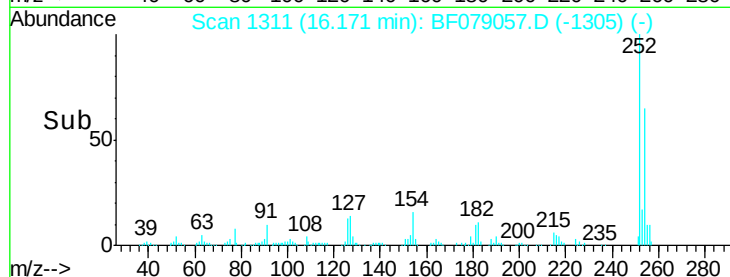
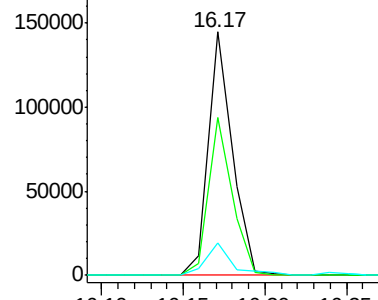
#81
 3,3'-Dichlorobenzidine
 Concen: 29.18 ng
 RT: 16.17 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	13.3	6.6	10.0

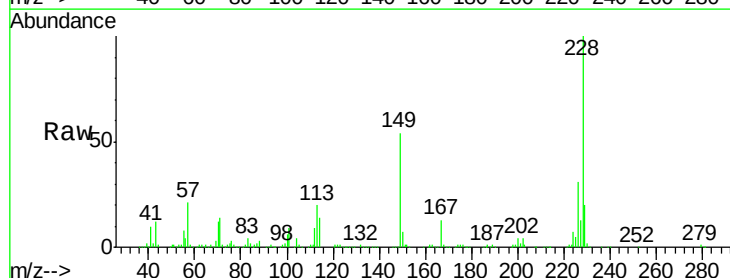


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

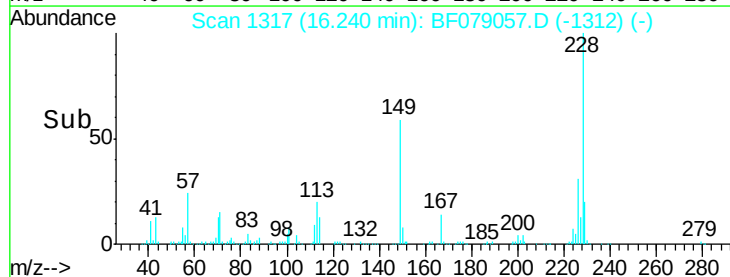
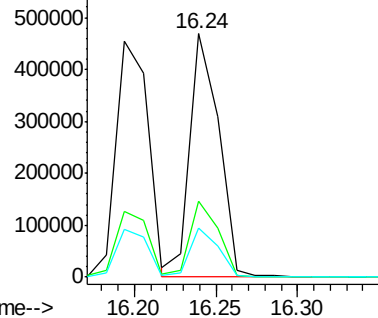


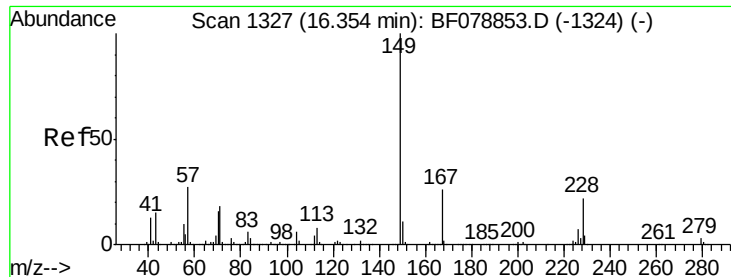
#82
 Chrysene
 Concen: 42.36 ng
 RT: 16.24 min Scan# 1317
 Delta R.T. -0.05 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.4	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.12 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.03 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

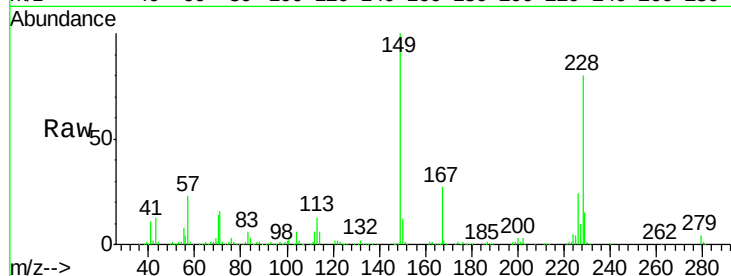
Tgt Ion:149 Resp: 461973

Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

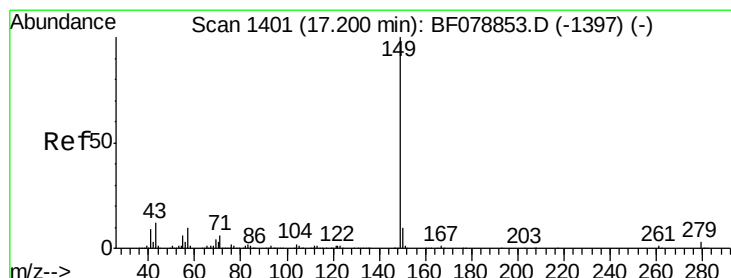
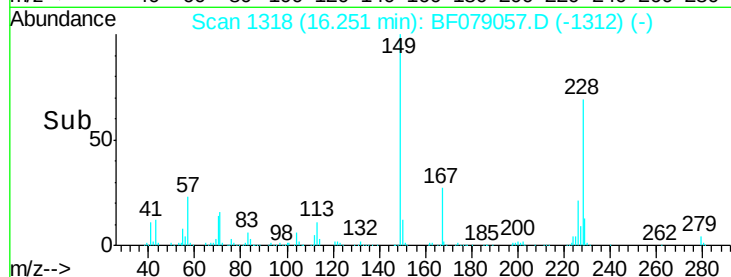
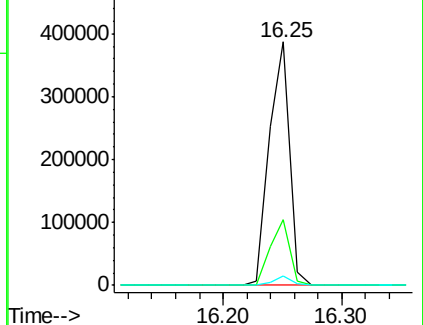
279 3.8 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.66 ng

RT: 17.03 min Scan# 1386

Delta R.T. -0.09 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

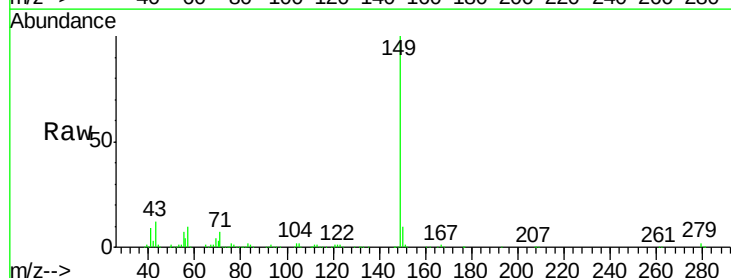
Tgt Ion:149 Resp: 805666

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

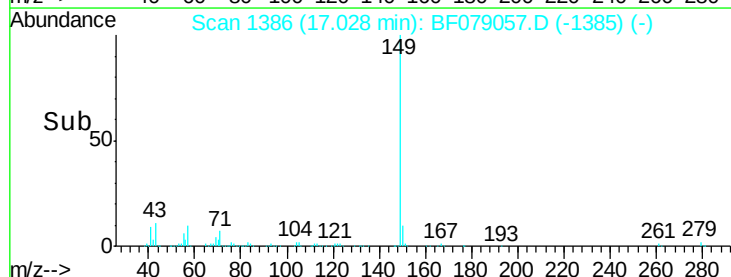
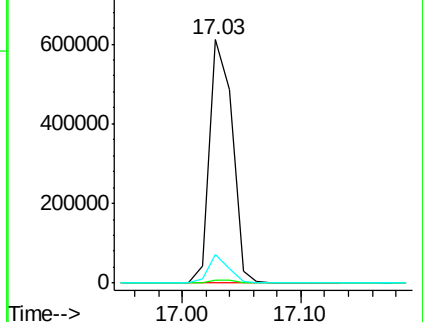
43 10.0 0.0 0.0#

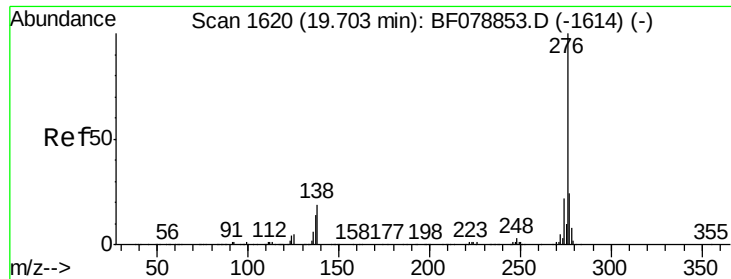


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.62 ng

RT: 19.42 min Scan# 1595

Delta R.T. -0.16 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

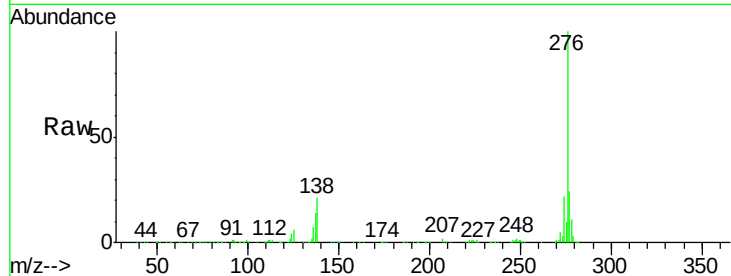
Tgt Ion: 276 Resp: 734888

Ion Ratio Lower Upper

276 100

138 27.0 0.0 0.0#

277 24.9 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

19.42

300000

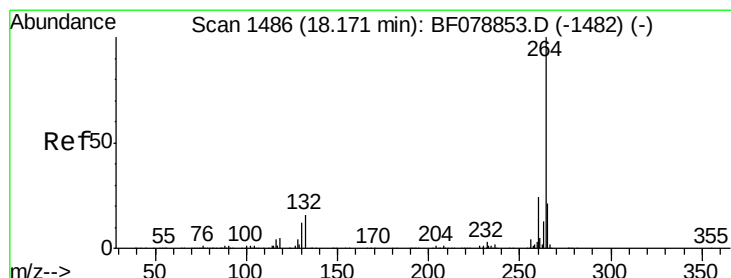
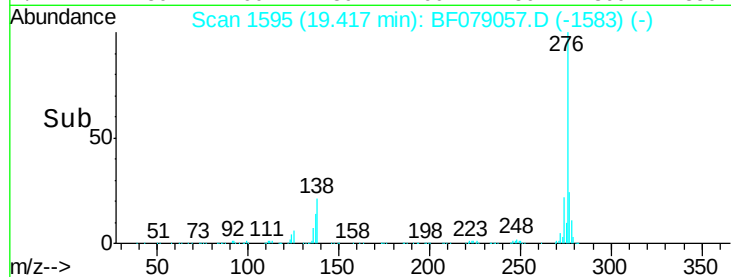
200000

100000

0

19.40 19.60

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.93 min Scan# 1465

Delta R.T. -0.15 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

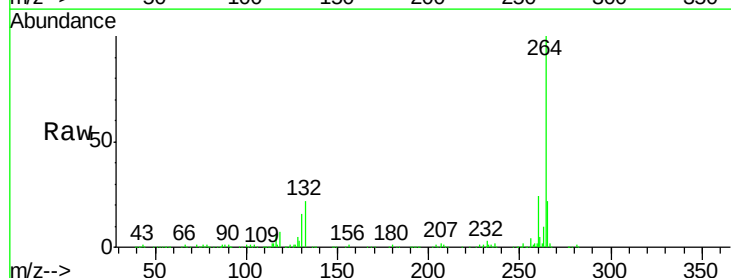
Tgt Ion: 264 Resp: 258938

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.2 18.3 27.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

17.93

250000

200000

150000

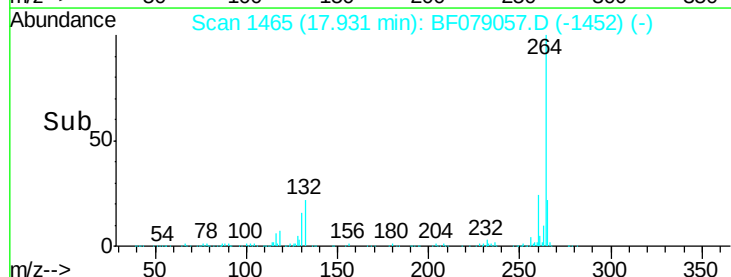
100000

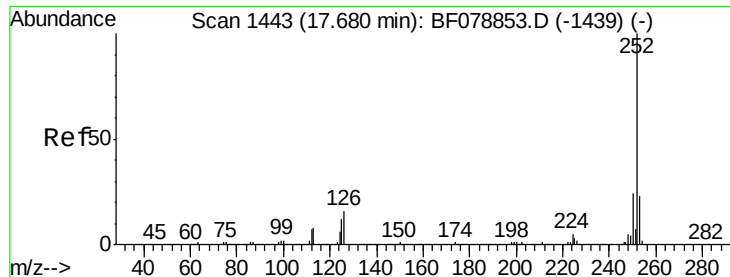
50000

0

17.80 17.90 18.00 18.10

Time-->

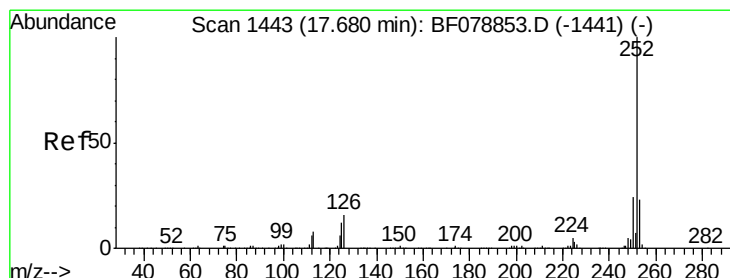
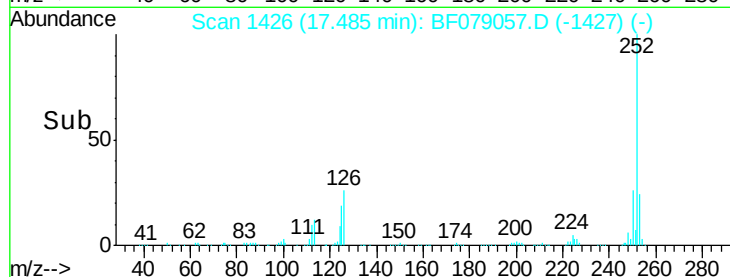
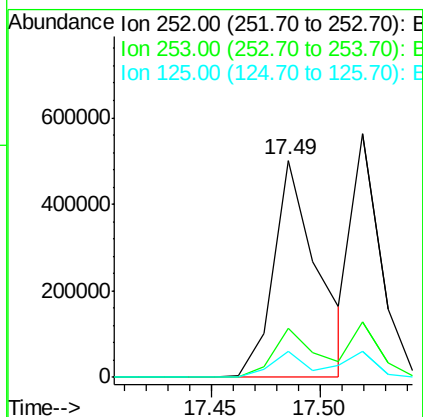
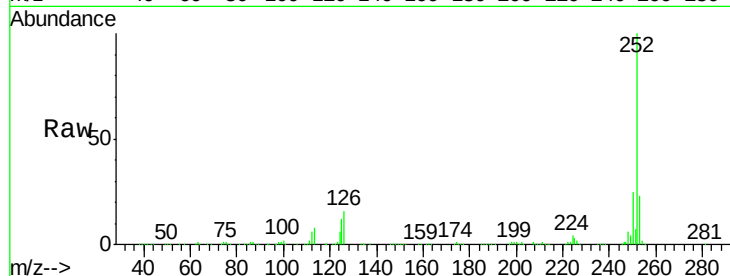




#87
Benzo(b)fluoranthene
Concen: 50.19 ng
RT: 17.49 min Scan# 1426
Delta R.T. -0.11 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

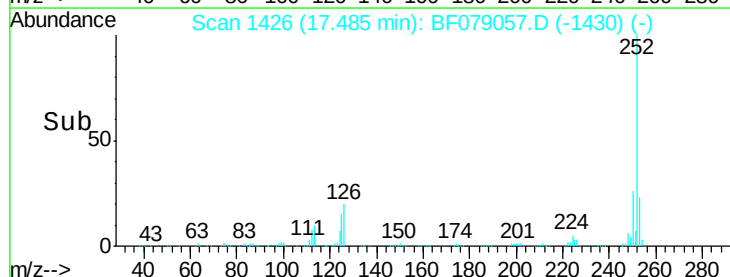
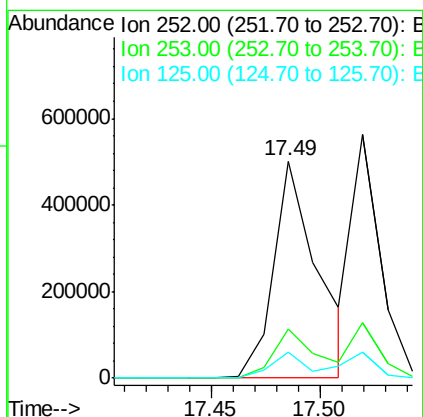
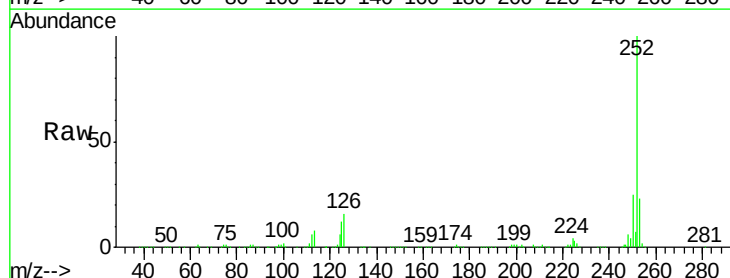
Instrument :
BNA_F
ClientSampleId :
PB83273BSD

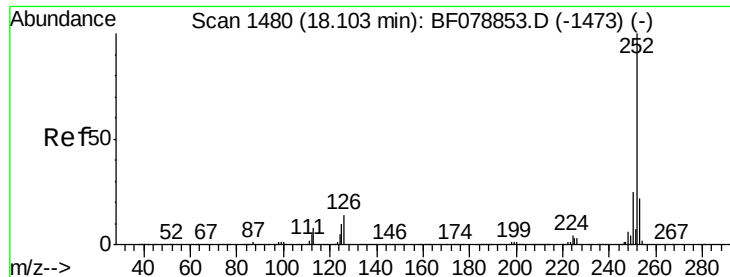
Tgt Ion:252 Resp: 711363
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.9 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 51.85 ng
RT: 17.49 min Scan# 1426
Delta R.T. -0.15 min
Lab File: BF079057.D
Acq: 9 May 2015 00:27

Tgt Ion:252 Resp: 711363
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.9 10.0 15.0





#89

Benzo(a)pyrene

Concen: 46.09 ng

RT: 17.87 min Scan# 1460

Delta R.T. -0.14 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB83273BSD

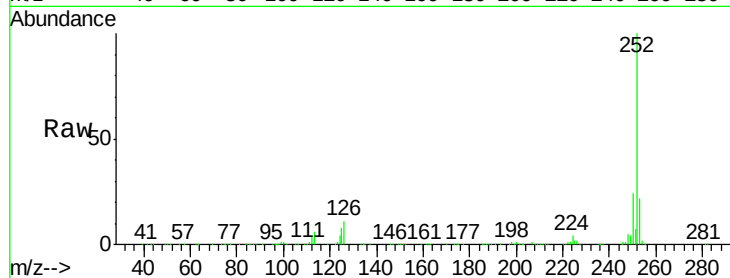
Tgt Ion:252 Resp: 601460

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

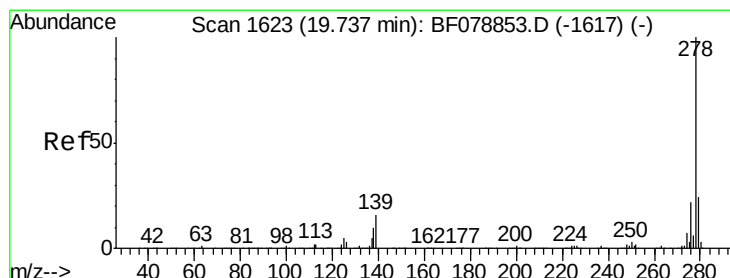
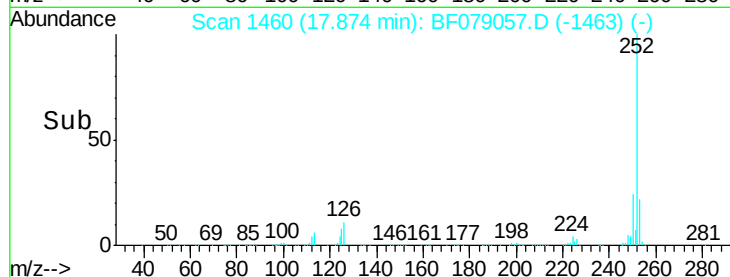
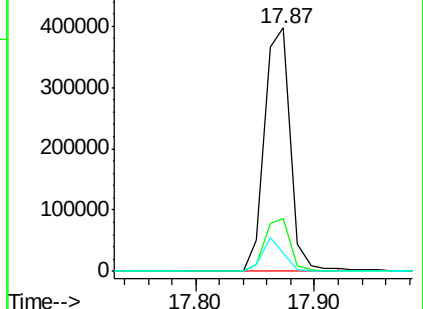
125 7.7 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.77 ng

RT: 19.44 min Scan# 1597

Delta R.T. -0.17 min

Lab File: BF079057.D

Acq: 9 May 2015 00:27

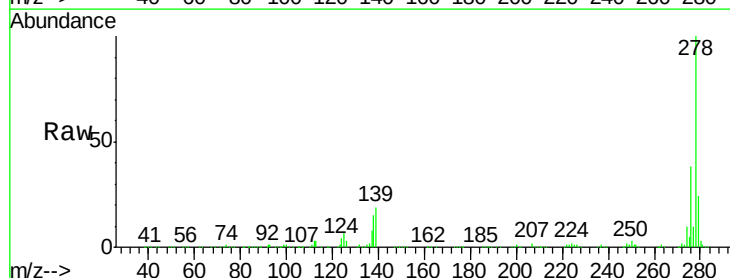
Tgt Ion:278 Resp: 593139

Ion Ratio Lower Upper

278 100

139 19.0 12.8 19.2

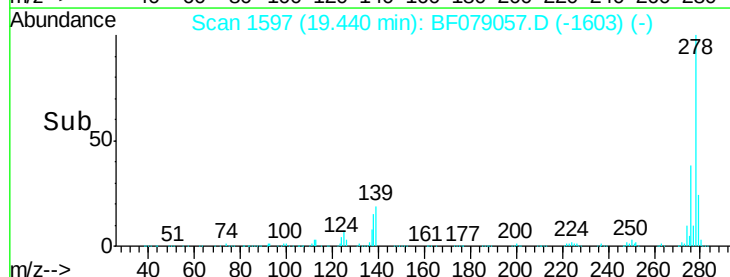
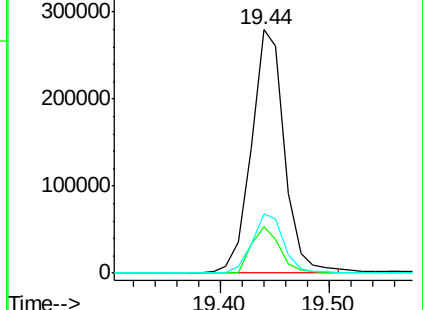
279 24.4 19.6 29.4

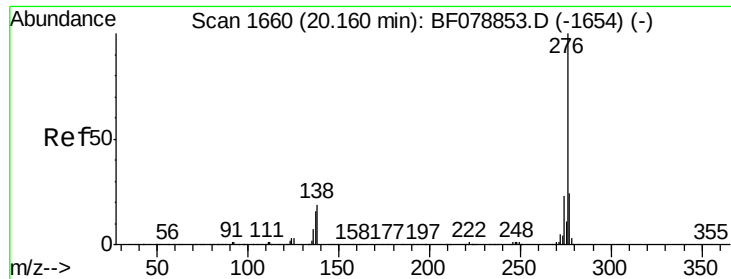


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

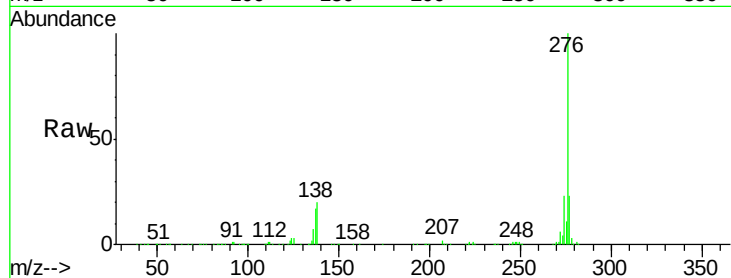




#91
 Benzo(g,h,i)perylene
 Concen: 43.51 ng
 RT: 19.86 min Scan# 1634
 Delta R.T. -0.16 min
 Lab File: BF079057.D
 Acq: 9 May 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	20.2	17.4	26.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

