

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079039.D
 Acq On : 8 May 2015 15:53
 Operator : TP/IZ
 Sample : PB83243BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Quant Time: May 08 23:01:40 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	70745	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	280195	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	134216	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	256909	20.00	ng	0.00
75) Chrysene-d12	16.25	240	251271	20.00	ng	0.00
86) Perylene-d12	18.09	264	254269	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	577639	140.55	ng	0.01
7) Phenol-d6	6.89	99	775858	142.82	ng	0.00
23) Nitrobenzene-d5	8.01	82	404341	82.94	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	204753	141.02	ng	0.00
44) 2-Fluorobiphenyl	10.25	172	841683	87.37	ng	0.00
78) Terphenyl-d14	14.93	244	943502	89.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	62420	34.93	ng	# 39
3) Pyridine	3.05	79	203083	38.83	ng	97
4) n-Nitrosodimethylamine	2.97	42	78850	35.19	ng	83
6) Aniline	6.91	93	230119	30.01	ng	97
8) 2-Chlorophenol	7.05	128	202347	43.41	ng	92
9) Benzaldehyde	6.78	77	121731	33.26	ng	97
10) Phenol	6.90	94	288550	45.79	ng	92
11) bis(2-Chloroethyl)ether	7.02	93	188627	40.83	ng	88
12) 1,3-Dichlorobenzene	7.24	146	209541	39.99	ng	95
13) 1,4-Dichlorobenzene	7.35	146	214636	39.81	ng	98
14) 1,2-Dichlorobenzene	7.53	146	205659	40.97	ng	97
15) Benzyl Alcohol	7.51	79	172162	42.69	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.68	45	294001	41.60	ng	100
17) 2-Methylphenol	7.64	107	162335	43.28	ng	97
18) Hexachloroethane	7.94	117	73869	39.77	ng	# 85
19) n-Nitroso-di-n-propylamine	7.84	70	150700	41.07	ng	# 83
20) 3+4-Methylphenols	7.84	107	220165	44.05	ng	# 52
22) Acetophenone	7.83	105	284515	44.94	ng	# 96
24) Nitrobenzene	8.03	77	204460	42.31	ng	99
25) Isophorone	8.33	82	385302	42.63	ng	99
26) 2-Nitrophenol	8.43	139	100926	50.46	ng	98
27) 2,4-Dimethylphenol	8.49	122	190384	47.57	ng	98
28) bis(2-Chloroethoxy)methane	8.62	93	245567	44.07	ng	99
29) 2,4-Dichlorophenol	8.73	162	177583	49.90	ng	96
30) 1,2,4-Trichlorobenzene	8.83	180	168868	43.19	ng	98
31) Naphthalene	8.92	128	589617	44.16	ng	100
32) Benzoic acid	8.60	122	107908	43.69	ng	97
33) 4-Chloroaniline	8.99	127	159344	28.21	ng	96
34) Hexachlorobutadiene	9.07	225	91405	40.60	ng	95
35) Caprolactam	9.43	113	52998	46.05	ng	93
36) 4-Chloro-3-methylphenol	9.61	107	180692	48.34	ng	# 84
37) 2-Methylnaphthalene	9.78	142	399024	43.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	158509	41.93	ng	# 100
40) Hexachlorocyclopentadiene	9.98	237	161549	84.99	ng	98

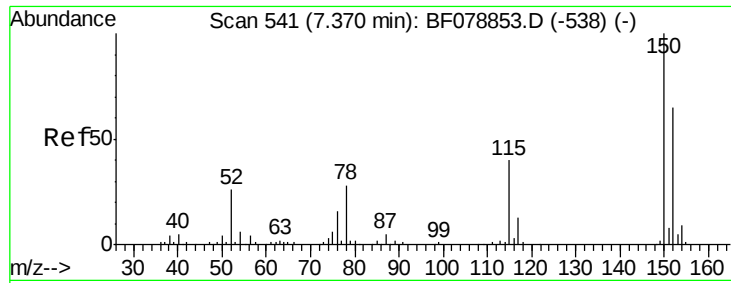
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
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 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	118823	45.72	ng	95
43) 2,4,5-Trichlorophenol	10.18	196	127447	48.51	ng	93
45) 1,1'-Biphenyl	10.36	154	472471	44.28	ng	100
46) 2-Chloronaphthalene	10.39	162	364846	43.84	ng	99
47) 2-Nitroaniline	10.51	65	109051	45.22	ng	95
48) Acenaphthylene	10.90	152	618757	45.28	ng	100
49) Dimethylphthalate	10.75	163	436640	44.33	ng	99
50) 2,6-Dinitrotoluene	10.83	165	91832	47.24	ng	# 61
51) Acenaphthene	11.12	154	361815	44.40	ng	97
52) 3-Nitroaniline	11.03	138	81348	33.50	ng	83
53) 2,4-Dinitrophenol	11.17	184	69986	82.75	ng	98
54) Dibenzofuran	11.34	168	547182	46.49	ng	97
55) 4-Nitrophenol	11.25	139	161270	83.91	ng	# 83
56) 2,4-Dinitrotoluene	11.33	165	119146	46.36	ng	86
57) Fluorene	11.76	166	439699	45.51	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.49	232	95364	44.42	ng	# 100
59) Diethylphthalate	11.63	149	441065	45.20	ng	99
60) 4-Chlorophenyl-phenylether	11.77	204	189983	44.33	ng	89
61) 4-Nitroaniline	11.78	138	106492	43.84	ng	92
62) Azobenzene	11.97	77	443131	46.08	ng	94
64) 4,6-Dinitro-2-methylphenol	11.83	198	50731	47.54	ng	82
65) n-Nitrosodiphenylamine	11.91	169	368166	43.03	ng	98
66) 4-Bromophenyl-phenylether	12.38	248	120156	44.87	ng	# 91
67) Hexachlorobenzene	12.43	284	128764	42.07	ng	98
68) Atrazine	12.58	200	111995	45.01	ng	98
69) Pentachlorophenol	12.69	266	121329	68.80	ng	96
70) Phenanthrene	12.95	178	615035	42.79	ng	99
71) Anthracene	13.02	178	628148	44.55	ng	100
72) Carbazole	13.22	167	616594	45.88	ng	100
73) Di-n-butylphthalate	13.67	149	732292	45.44	ng	99
74) Fluoranthene	14.43	202	670534	44.77	ng	97
76) Benzidine	14.61	184	327167	48.31	ng	98
77) Pyrene	14.72	202	698880	48.27	ng	98
79) Butylbenzylphthalate	15.54	149	313633	49.55	ng	93
80) Benzo(a)anthracene	16.23	228	641745	46.64	ng	100
81) 3,3'-Dichlorobenzidine	16.21	252	174406	35.58	ng	# 96
82) Chrysene	16.29	228	566394	42.80	ng	99
83) Bis(2-ethylhexyl)phthalate	16.29	149	473219	49.36	ng	# 98
84) Di-n-octyl phthalate	17.13	149	824960	48.86	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.60	276	739212	43.84	ng	# 100
87) Benzo(b)fluoranthene	17.61	252	614812	44.18	ng	98
88) Benzo(k)fluoranthene	17.65	252	490506	36.41	ng	98
89) Benzo(a)pyrene	18.02	252	604237	47.15	ng	99
90) Dibenzo(a,h)anthracene	19.62	278	591319	43.42	ng	96
91) Benzo(g,h,i)perylene	20.05	276	605726	44.37	ng	99

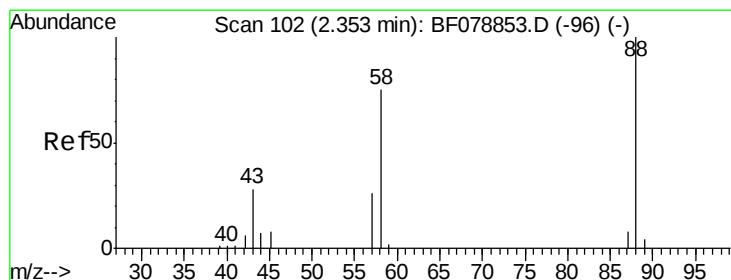
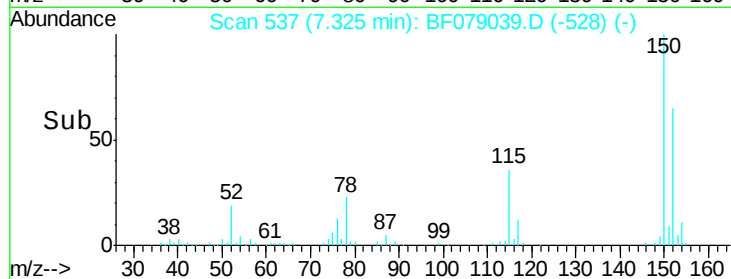
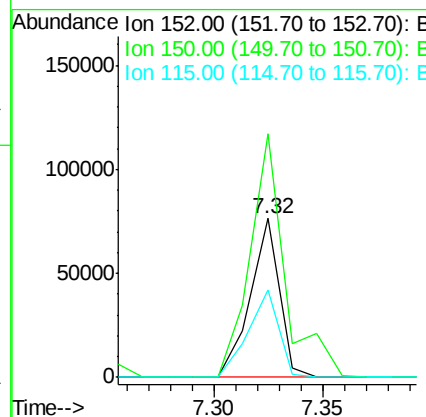
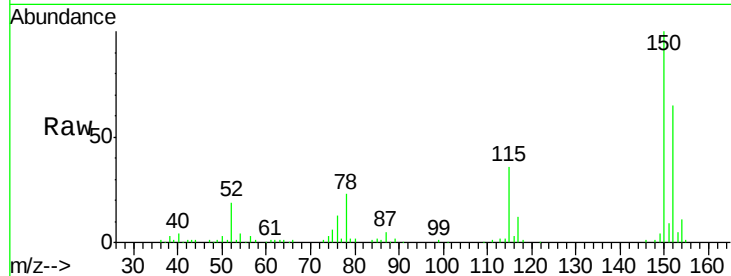
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

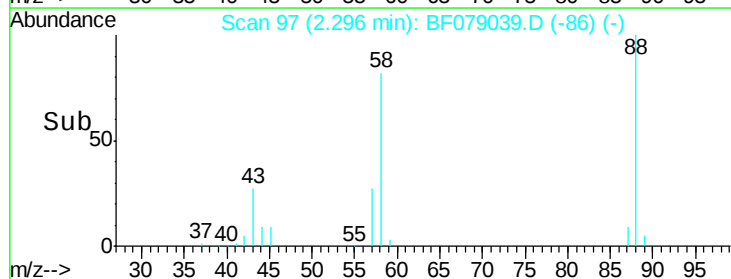
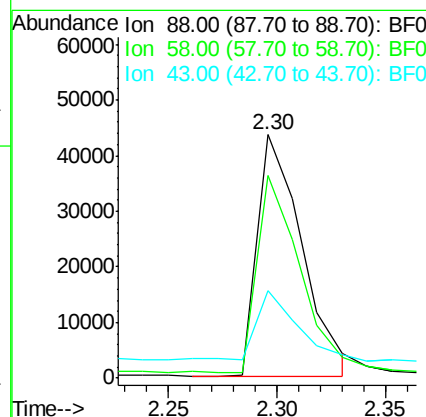
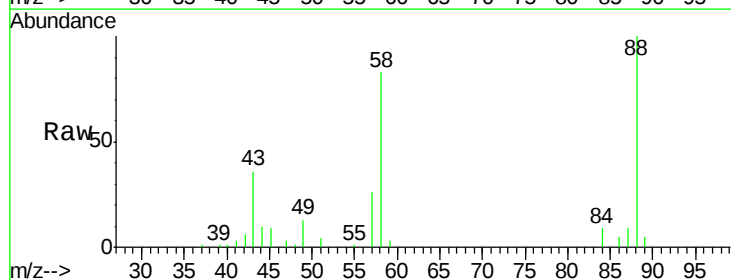
Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion:152 Resp: 70745
 Ion Ratio Lower Upper
 152 100
 150 153.4 122.0 183.0
 115 55.1 46.3 69.5



#2
 1,4-Dioxane
 Concen: 34.93 ng
 RT: 2.30 min Scan# 97
 Delta R.T. 0.02 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion: 88 Resp: 62420
 Ion Ratio Lower Upper
 88 100
 58 77.7 0.0 0.0#
 43 24.2 3.3 4.9#





#3

Pyridine

Concen: 38.83 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

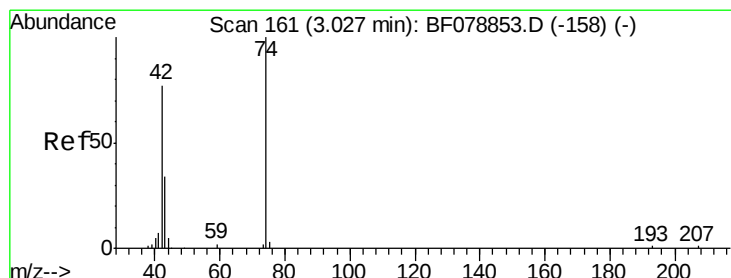
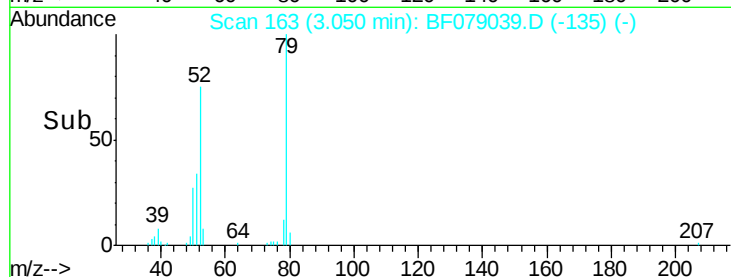
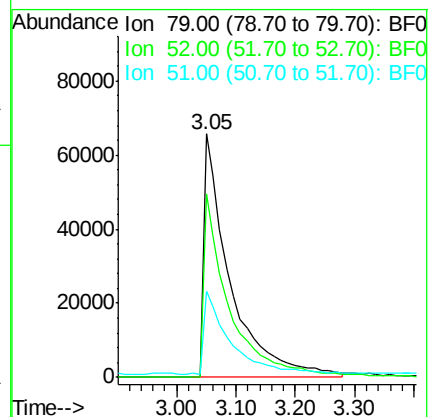
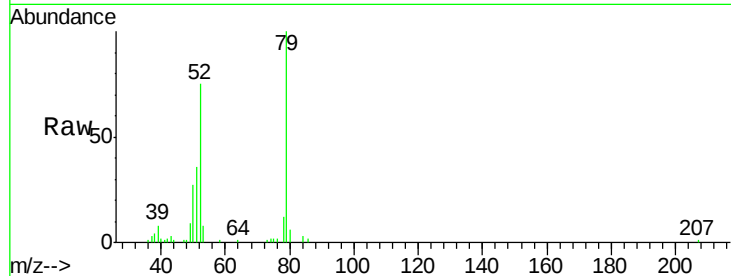
Tgt Ion: 79 Resp: 203083

Ion Ratio Lower Upper

79 100

52 75.3 57.2 85.8

51 35.5 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 35.19 ng

RT: 2.97 min Scan# 156

Delta R.T. 0.02 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

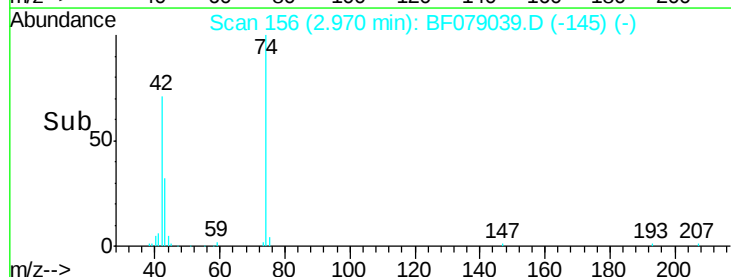
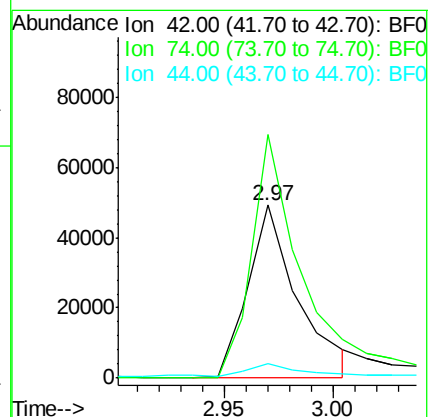
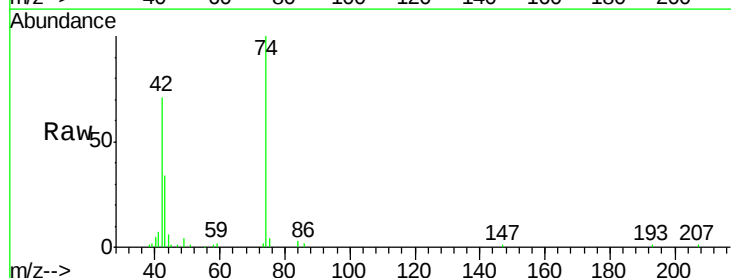
Tgt Ion: 42 Resp: 78850

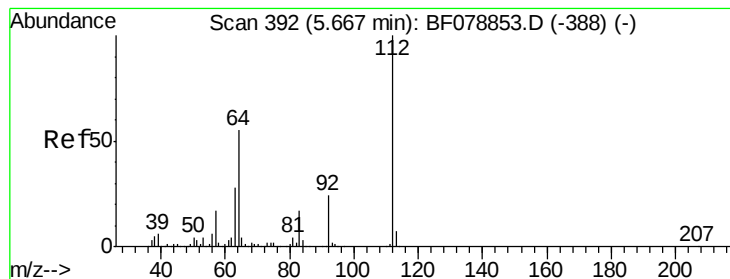
Ion Ratio Lower Upper

42 100

74 141.1 96.5 144.7

44 8.5 6.1 9.1





#5

2-Fluorophenol

Concen: 140.55 ng

RT: 5.63 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

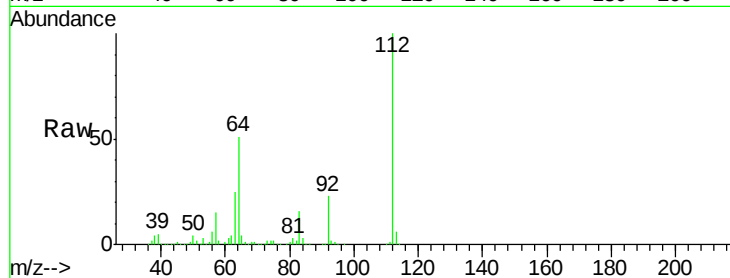
Tgt Ion: 112 Resp: 577639

Ion Ratio Lower Upper

112 100

64 50.8 53.5 80.3#

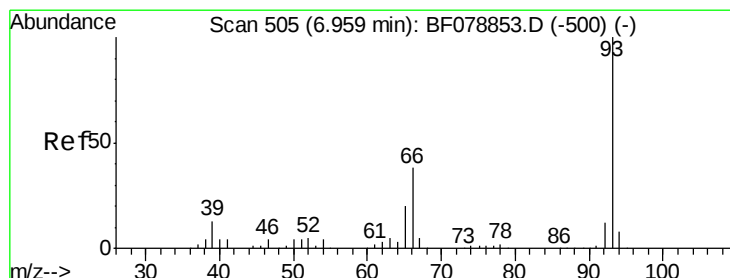
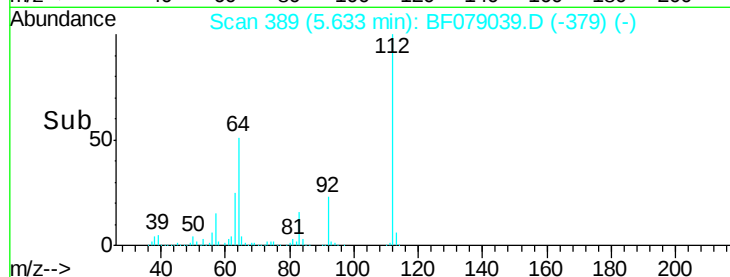
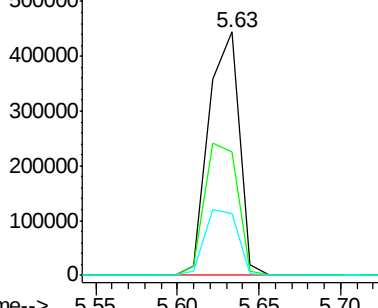
63 25.3 27.5 41.3#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.01 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

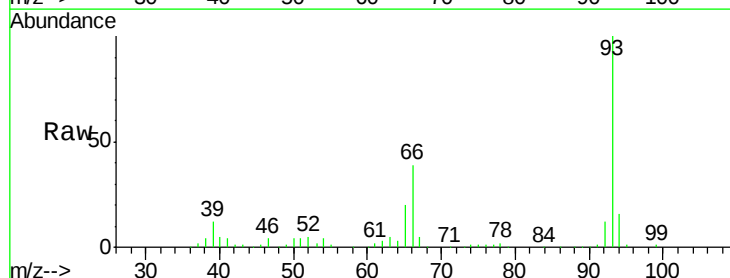
Tgt Ion: 93 Resp: 230119

Ion Ratio Lower Upper

93 100

66 38.6 29.7 44.5

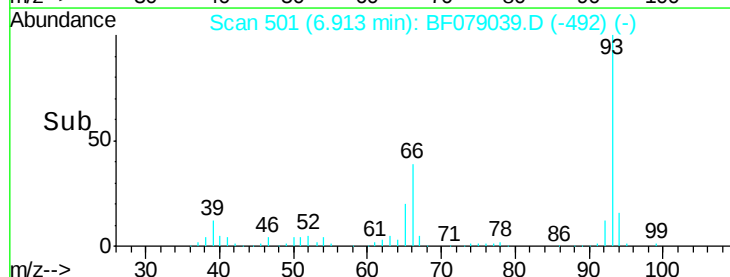
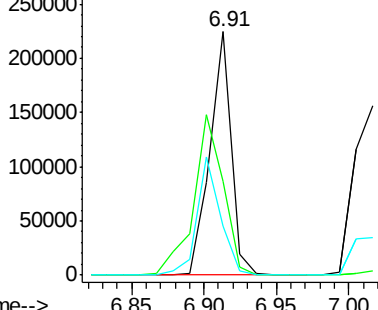
65 20.4 14.6 22.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.82 ng

RT: 6.89 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

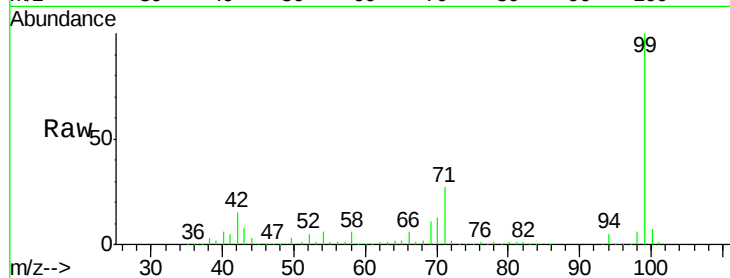
Tgt Ion: 99 Resp: 775858

Ion Ratio Lower Upper

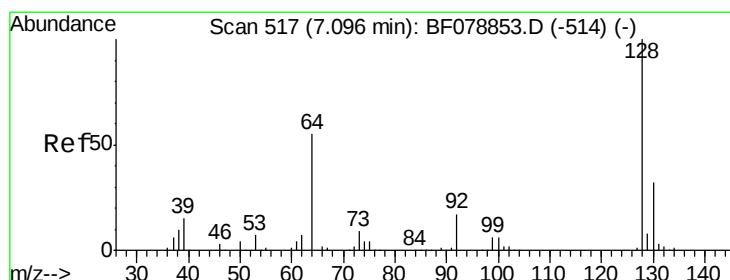
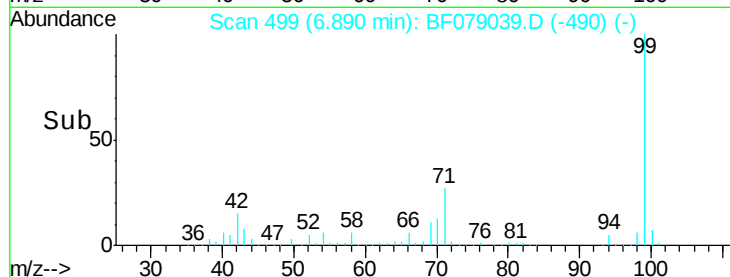
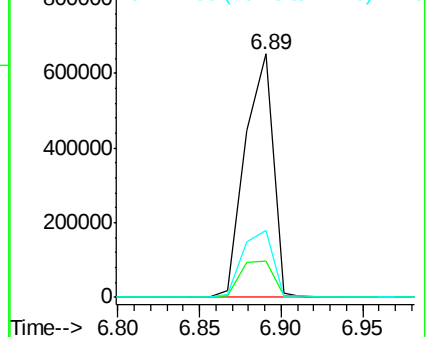
99 100

42 15.0 12.8 19.2

71 27.4 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: 43.41 ng

RT: 7.05 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

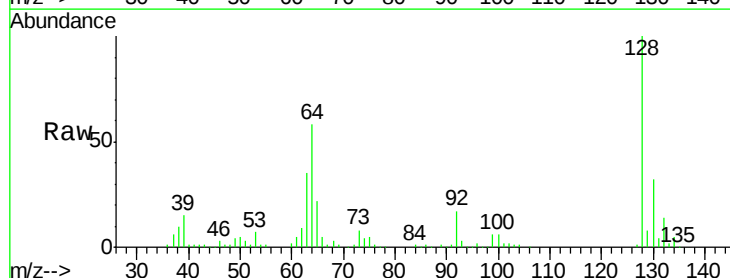
Tgt Ion: 128 Resp: 202347

Ion Ratio Lower Upper

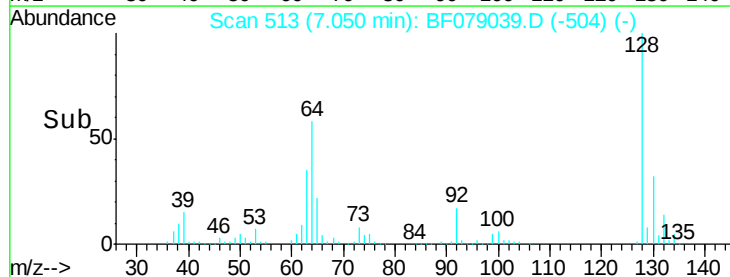
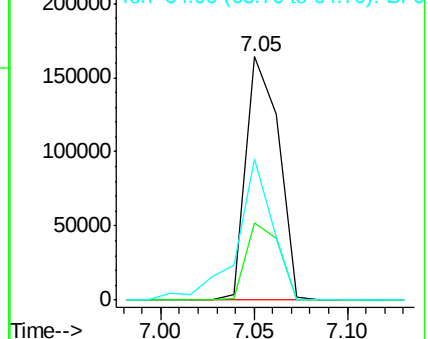
128 100

130 31.7 12.1 52.1

64 57.8 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: 33.26 ng

RT: 6.78 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

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ClientSampled :

PB83243BS

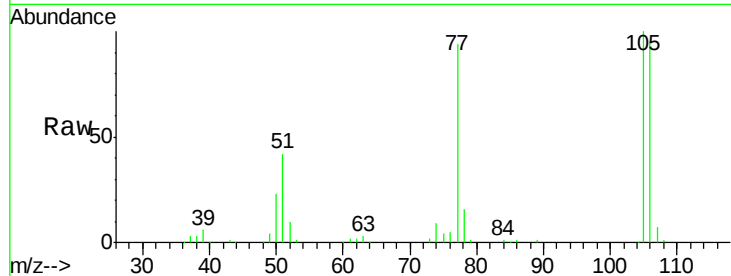
Tgt Ion: 77 Resp: 121731

Ion Ratio Lower Upper

77 100

105 106.2 81.7 121.7

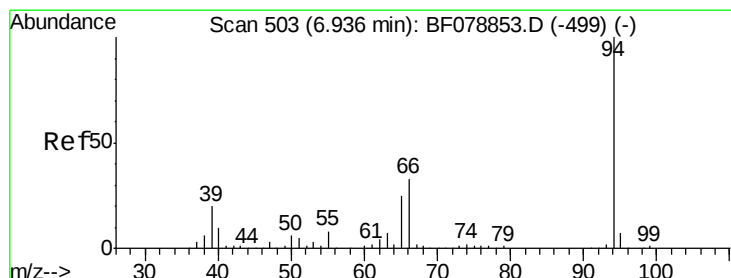
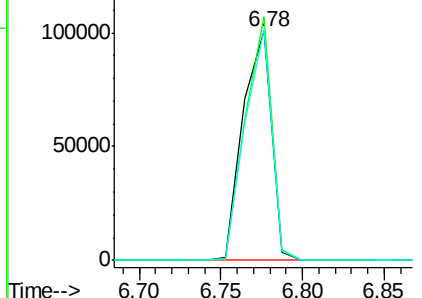
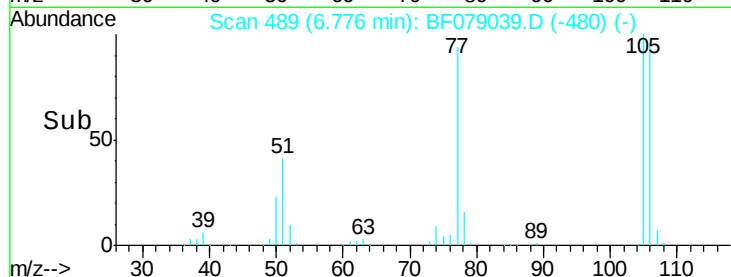
106 100.7 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.79 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

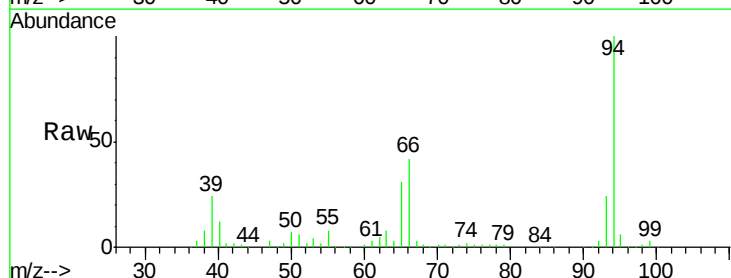
Tgt Ion: 94 Resp: 288550

Ion Ratio Lower Upper

94 100

65 30.9 8.5 48.5

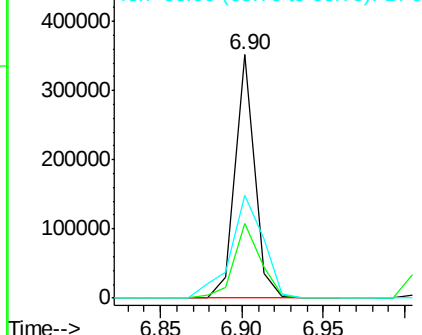
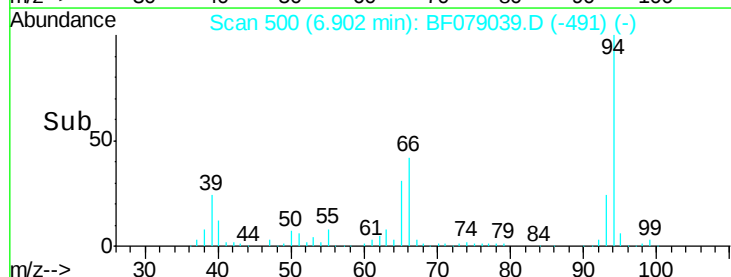
66 42.2 16.0 56.0

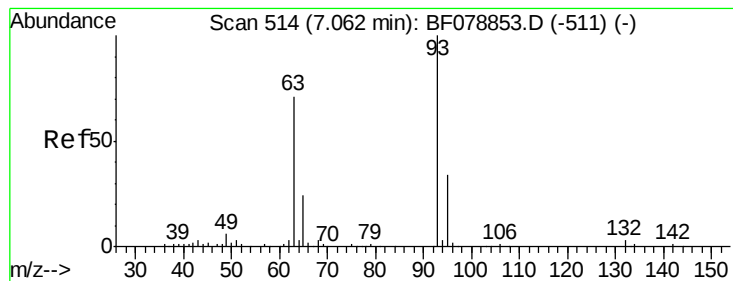


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.83 ng

RT: 7.02 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

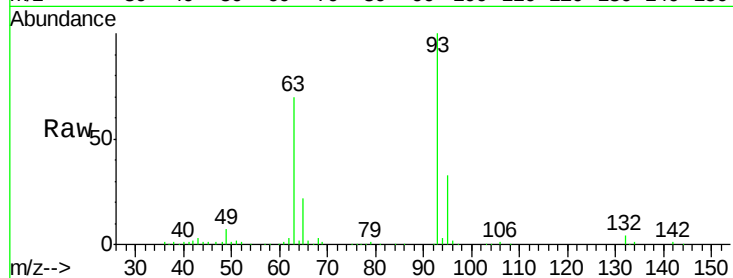
Tgt Ion: 93 Resp: 188627

Ion Ratio Lower Upper

93 100

63 69.8 64.8 104.8

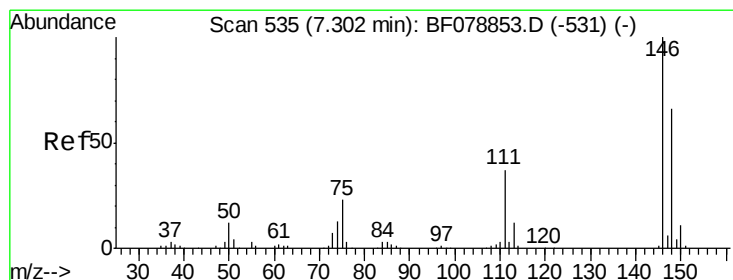
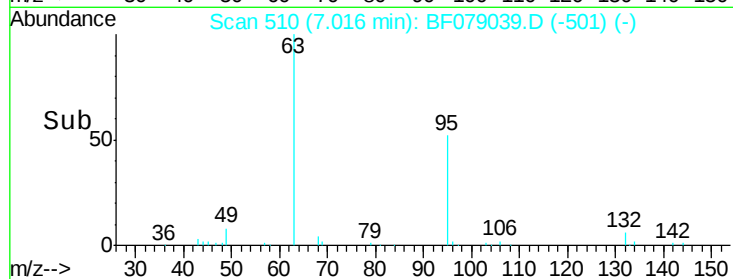
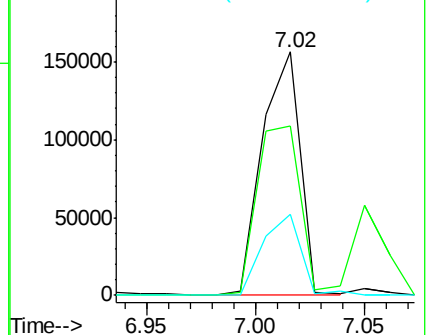
95 33.1 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.99 ng

RT: 7.24 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

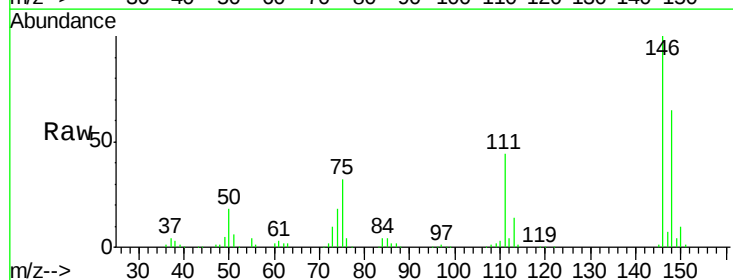
Tgt Ion: 146 Resp: 209541

Ion Ratio Lower Upper

146 100

148 64.9 50.2 75.2

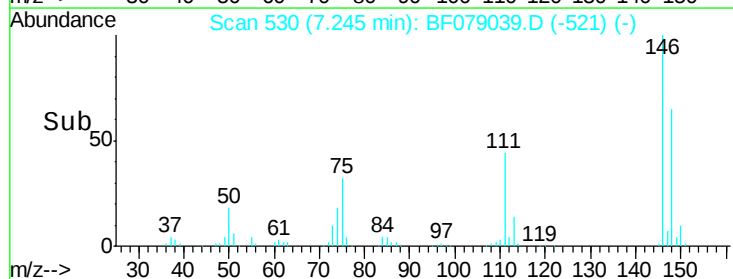
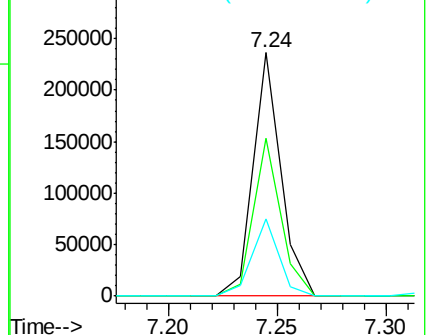
75 31.8 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

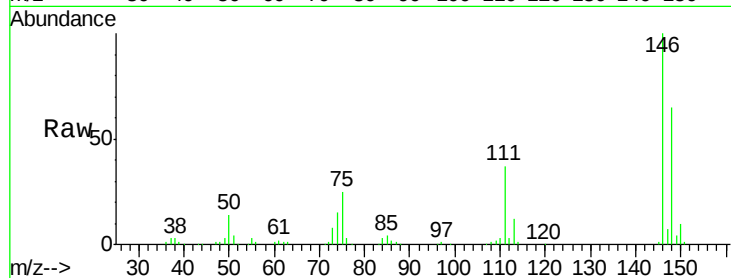




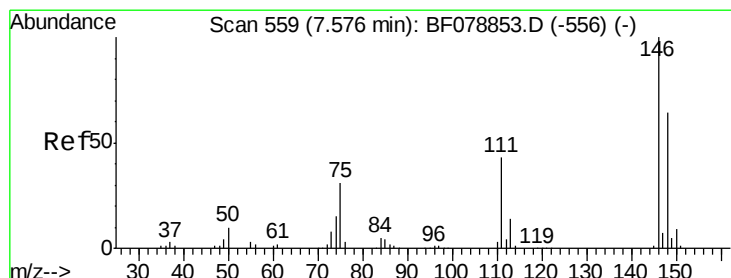
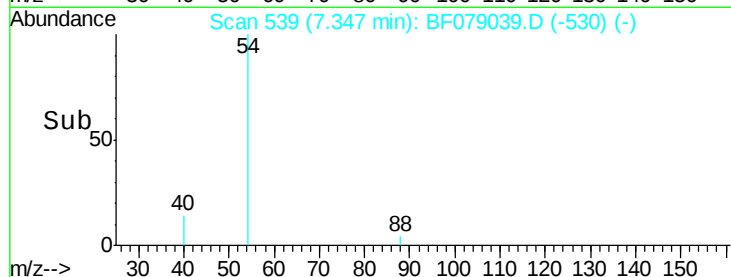
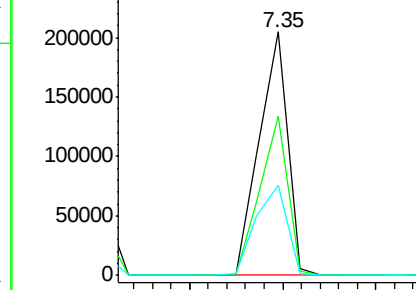
#13
 1,4-Dichlorobenzene
 Concen: 39.81 ng
 RT: 7.35 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion:146 Resp: 214636
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.8 79.2
 111 37.2 31.7 47.5

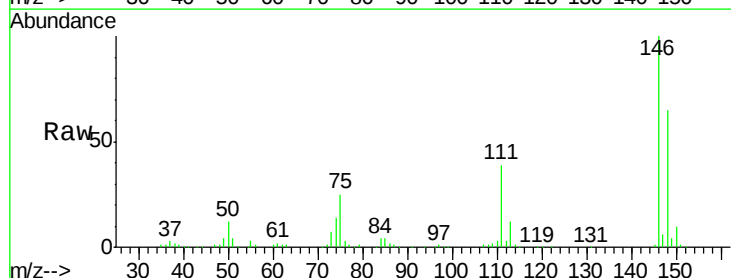


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

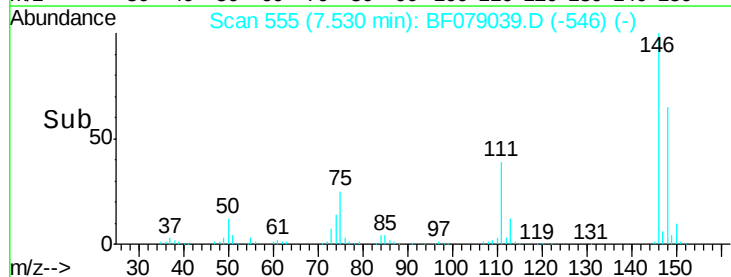
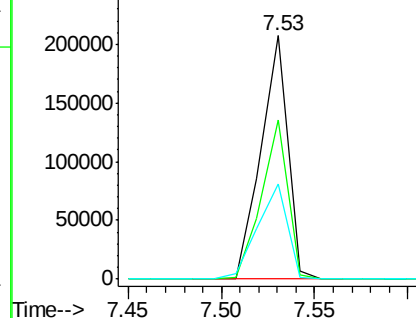


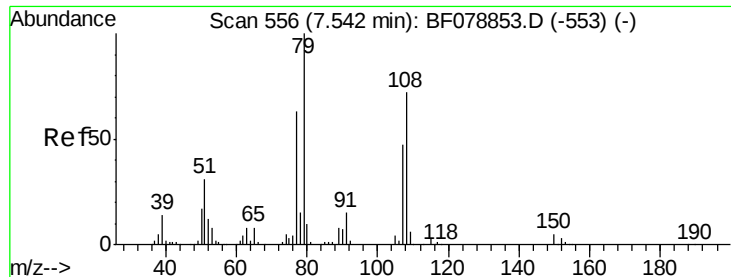
#14
 1,2-Dichlorobenzene
 Concen: 40.97 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion:146 Resp: 205659
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.2 76.8
 111 39.0 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: 42.69 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

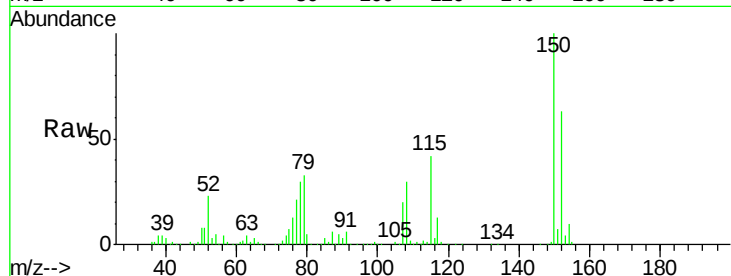
Tgt Ion: 79 Resp: 172162

Ion Ratio Lower Upper

79 100

108 89.6 62.5 93.7

77 63.8 52.2 78.4

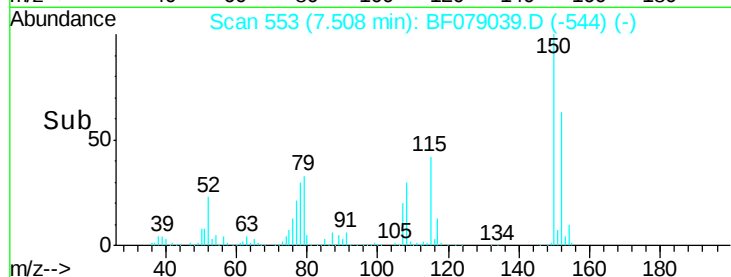


Abundance Ion 79.00 (78.70 to 79.70): BF079039.D (-553) (-)

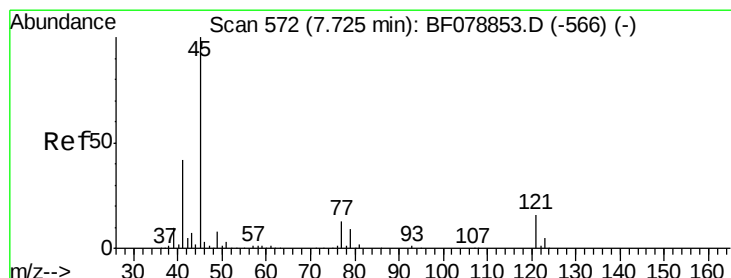
Ion 108.00 (107.70 to 108.70): BF079039.D (-553) (-)

Ion 77.00 (76.70 to 77.70): BF079039.D (-553) (-)

Time-->



Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.60 ng

RT: 7.68 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

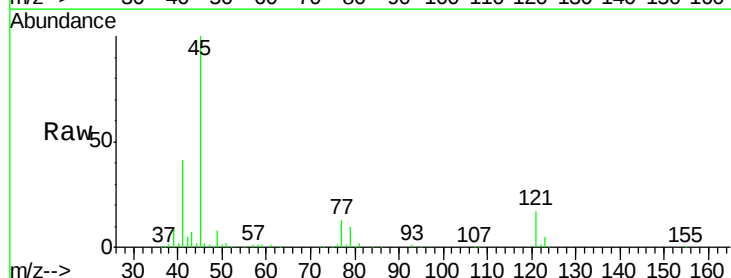
Tgt Ion: 45 Resp: 294001

Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.3

79 10.0 0.0 30.1

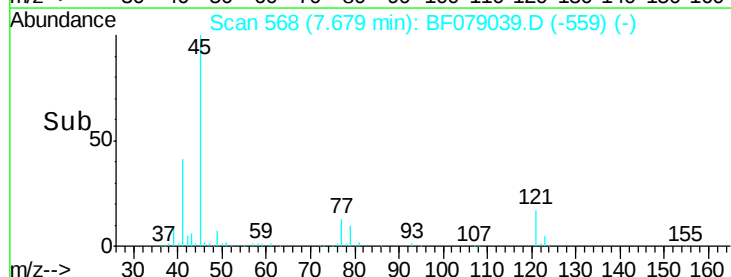


Abundance Ion 45.00 (44.70 to 45.70): BF079039.D (-566) (-)

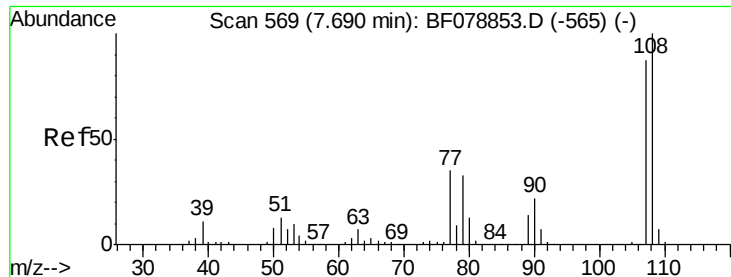
Ion 77.00 (76.70 to 77.70): BF079039.D (-566) (-)

Ion 79.00 (78.70 to 79.70): BF079039.D (-566) (-)

Time-->



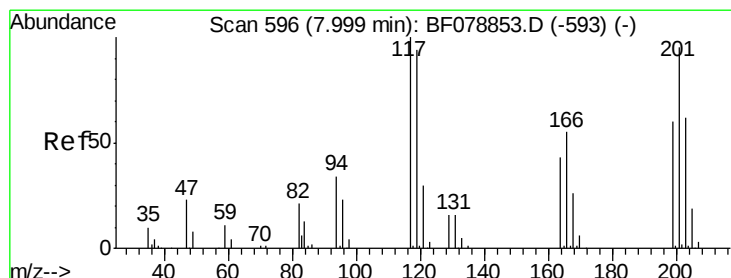
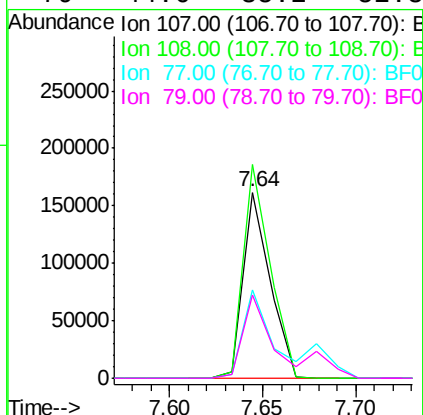
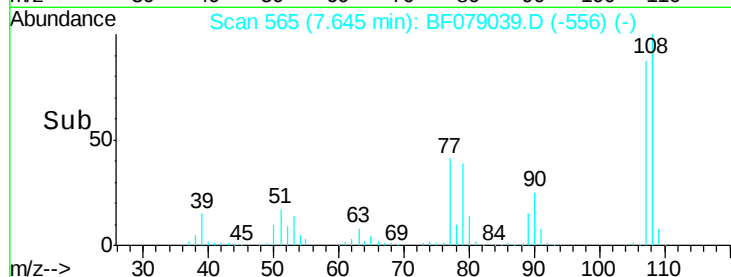
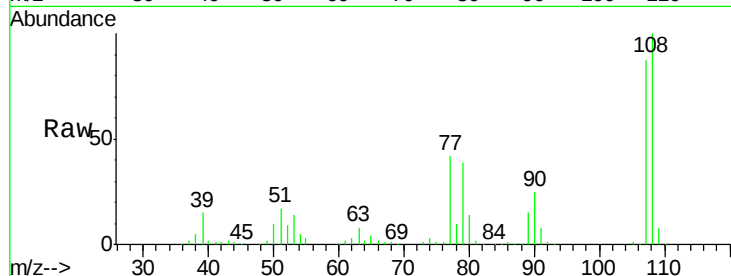
Time-->



#17
 2-Methylphenol
 Concen: 43.28 ng
 RT: 7.64 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

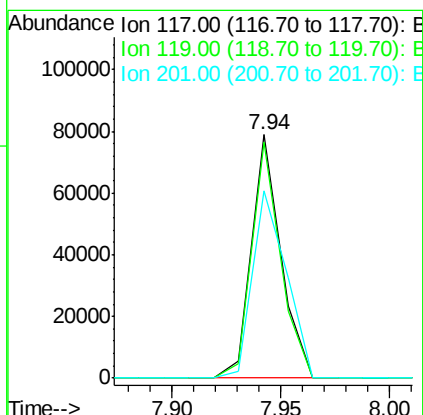
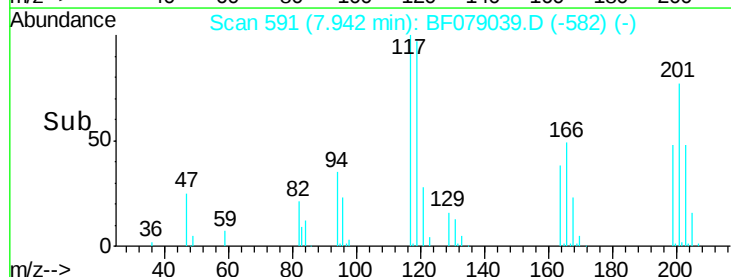
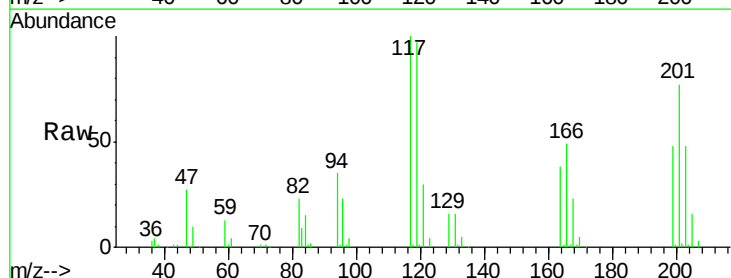
Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

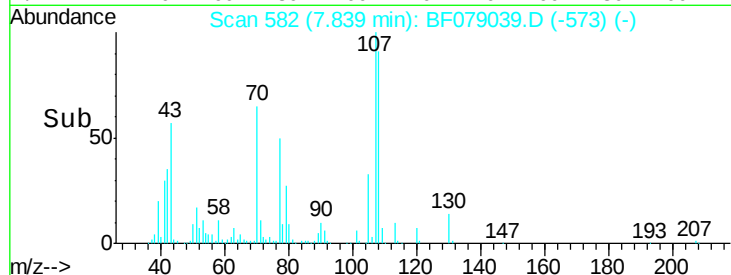
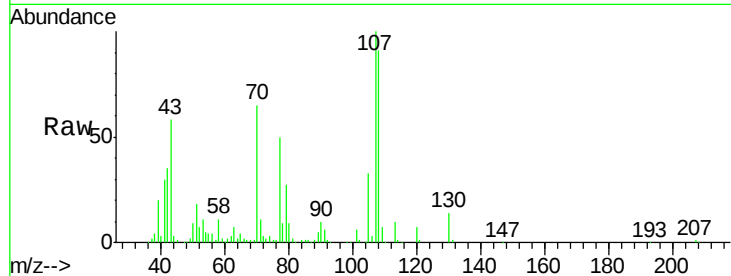
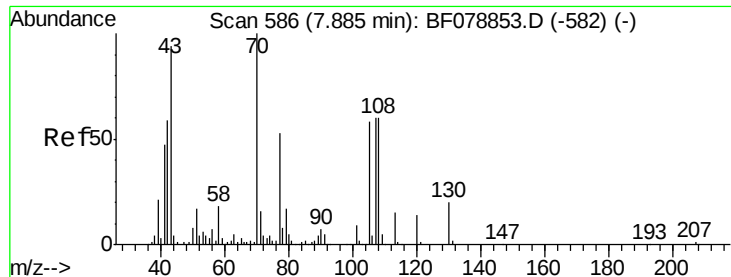
Tgt Ion:	107	Resp:	162335
Ion	Ratio	Lower	Upper
107	100		
108	114.7	94.9	142.3
77	47.6	36.2	54.4
79	44.6	35.2	52.8



#18
 Hexachloroethane
 Concen: 39.77 ng
 RT: 7.94 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion:	117	Resp:	73869
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.0
201	77.1	83.2	124.8#

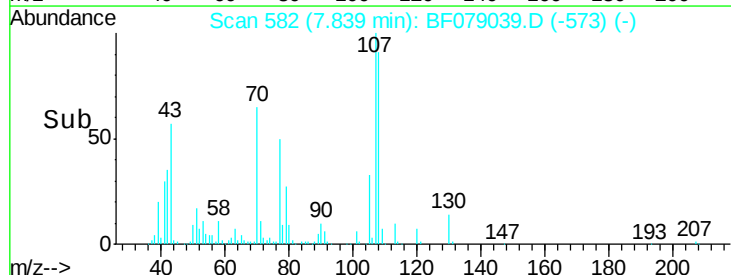
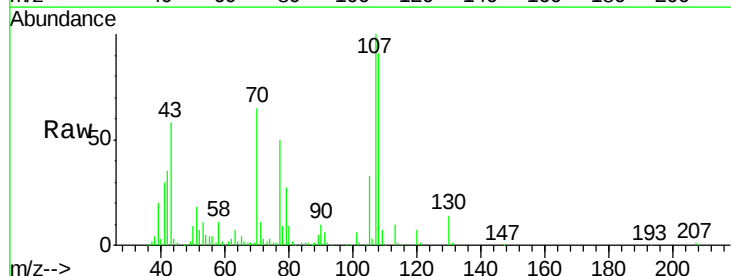
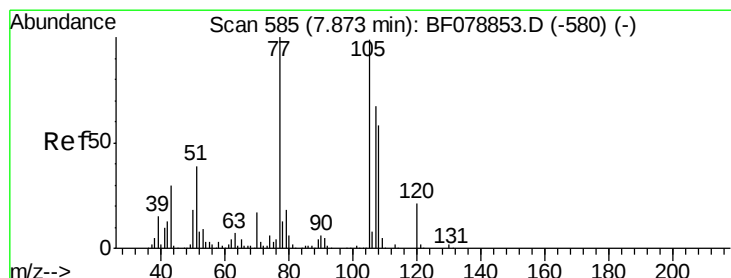
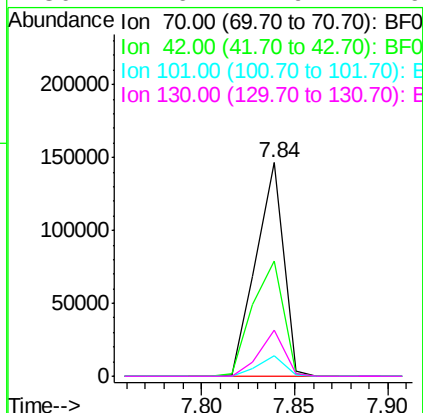




#19
n-Nitroso-di-n-propylamine
Concen: 41.07 ng
RT: 7.84 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

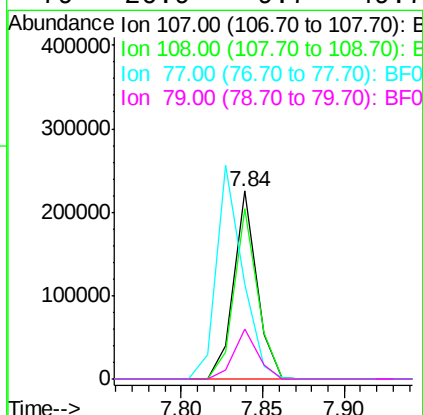
Instrument :
BNA_F
ClientSampleId :
PB83243BS

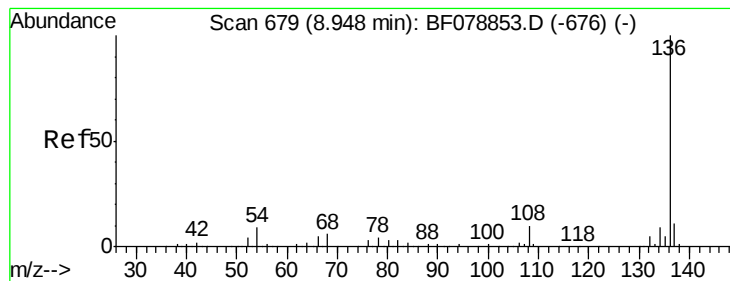
Tgt Ion: 70 Resp: 150700
Ion Ratio Lower Upper
70 100
42 54.0 55.4 83.0#
101 9.9 6.6 10.0
130 21.6 11.9 17.9#



#20
3+4-Methylphenols
Concen: 44.05 ng
RT: 7.84 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

Tgt Ion: 107 Resp: 220165
Ion Ratio Lower Upper
107 100
108 91.0 76.9 116.9
77 50.2 136.8 176.8#
79 26.9 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: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

Tgt Ion:136 Resp: 280195

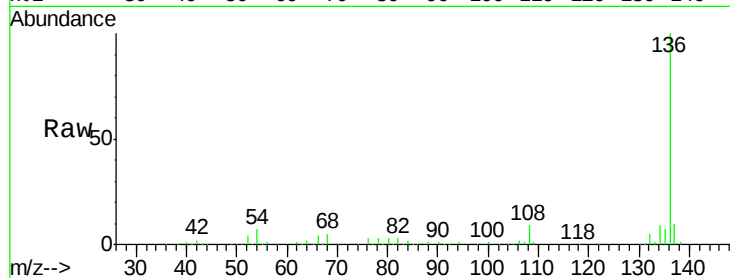
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.7 5.8 8.8

68 5.1 4.2 6.4

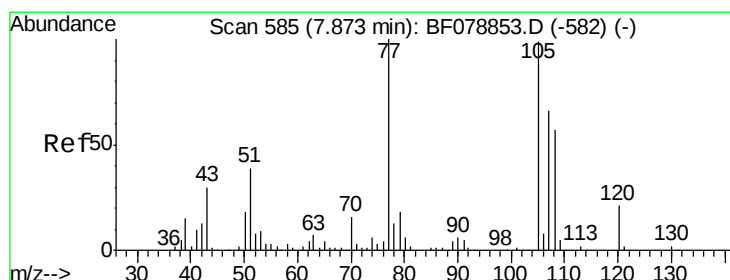
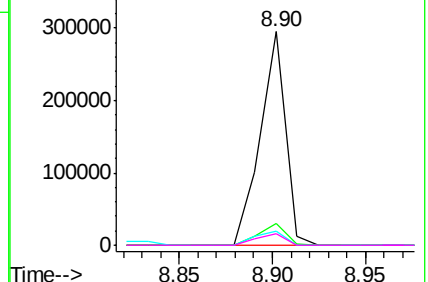
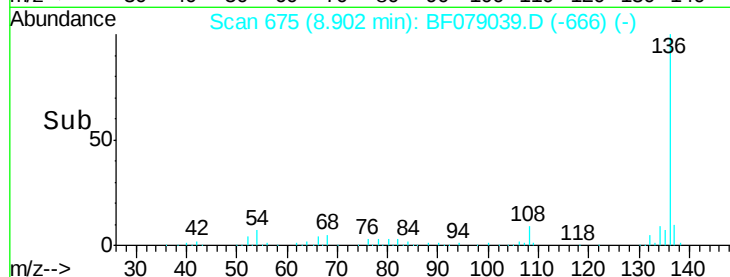


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.94 ng

RT: 7.83 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Tgt Ion:105 Resp: 284515

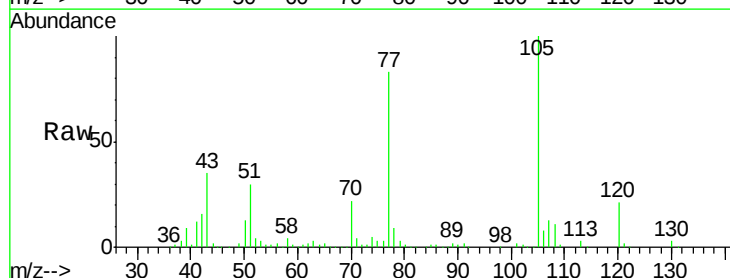
Ion Ratio Lower Upper

105 100

71 3.6 4.6 6.8#

51 29.9 26.7 40.1

120 21.1 17.4 26.0

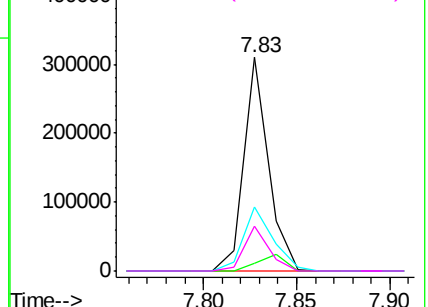
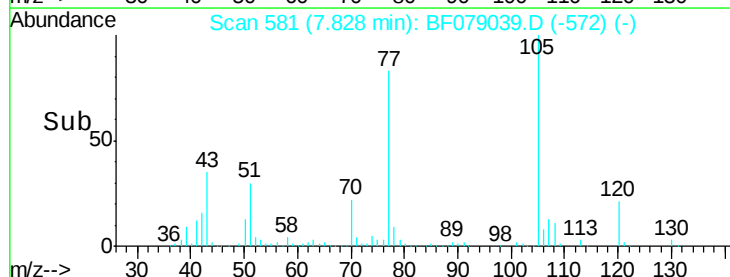


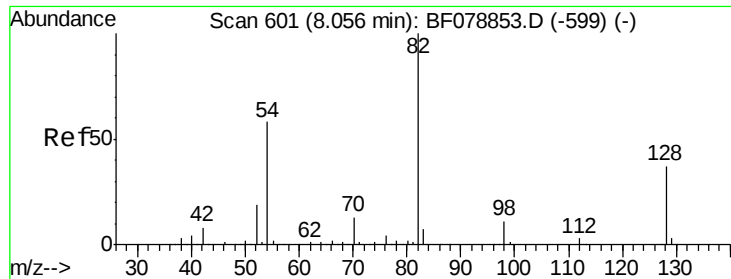
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

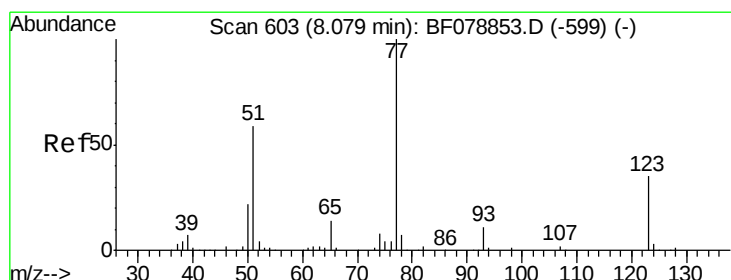
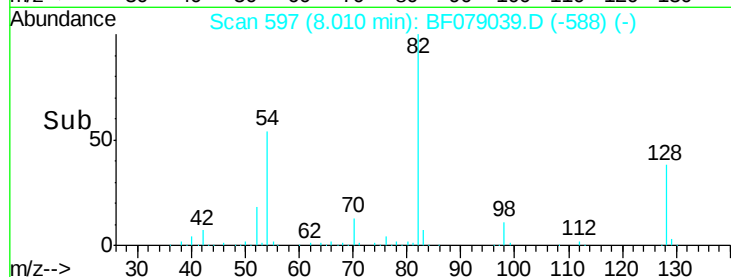
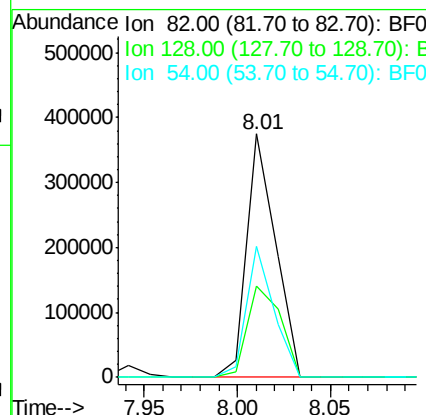
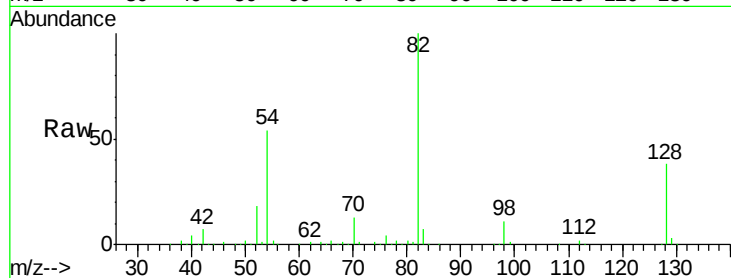




#23
 Nitrobenzene-d5
 Concen: 82.94 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

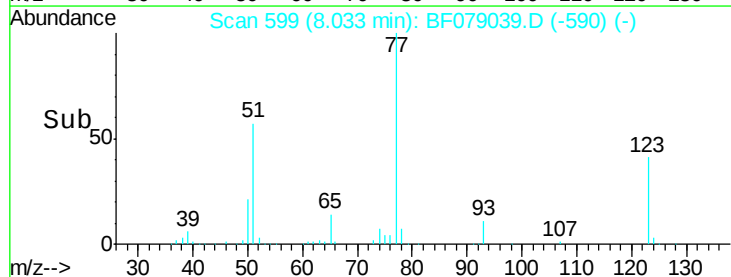
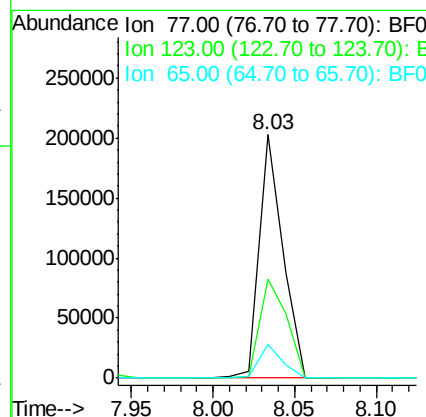
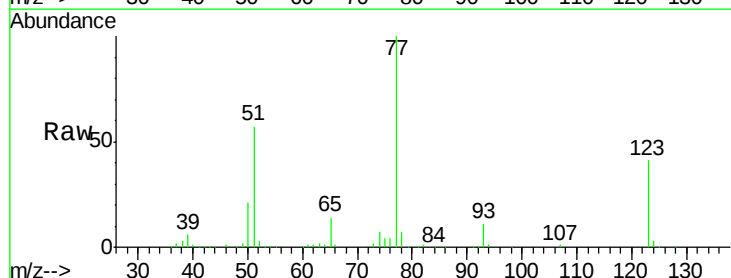
Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

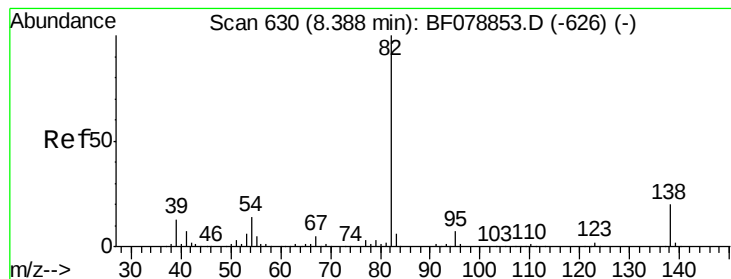
Tgt Ion: 82 Resp: 404341
 Ion Ratio Lower Upper
 82 100
 128 37.6 30.0 45.0
 54 53.9 46.4 69.6



#24
 Nitrobenzene
 Concen: 42.31 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion: 77 Resp: 204460
 Ion Ratio Lower Upper
 77 100
 123 40.6 31.8 47.8
 65 13.8 10.6 15.8





#25

Isophorone

Concen: 42.63 ng

RT: 8.33 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

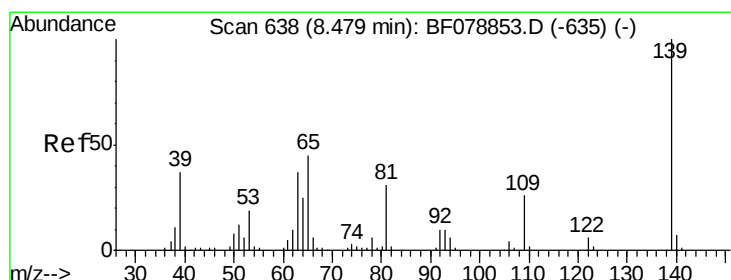
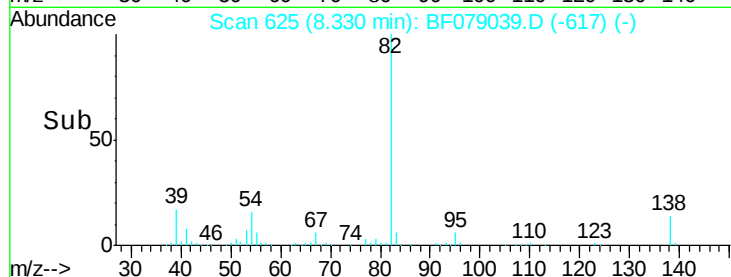
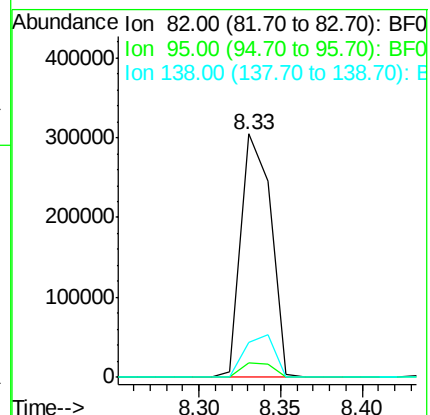
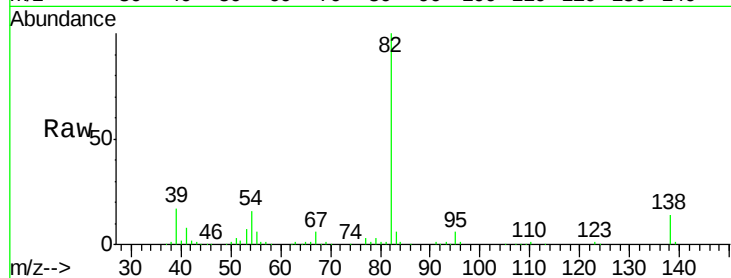
Tgt Ion: 82 Resp: 385302

Ion Ratio Lower Upper

82 100

95 6.2 5.3 7.9

138 14.4 12.0 18.0



#26

2-Nitrophenol

Concen: 50.46 ng

RT: 8.43 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

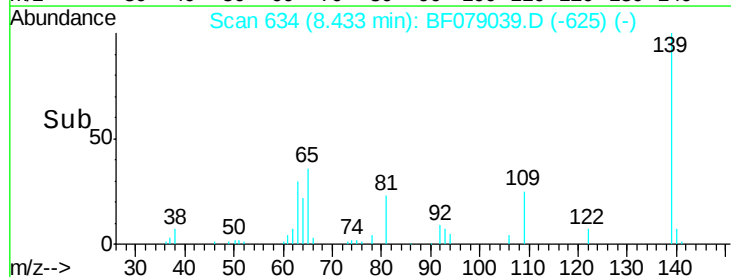
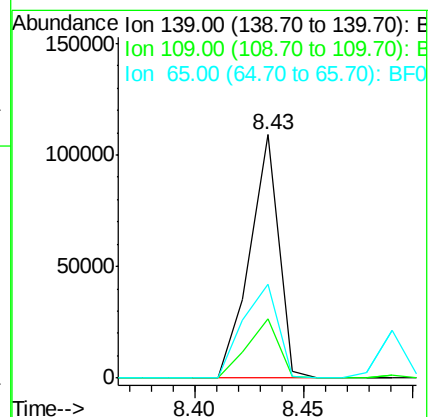
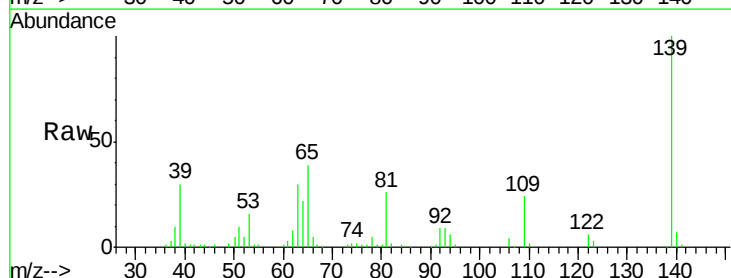
Tgt Ion: 139 Resp: 100926

Ion Ratio Lower Upper

139 100

109 24.5 21.0 31.4

65 38.7 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 47.57 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

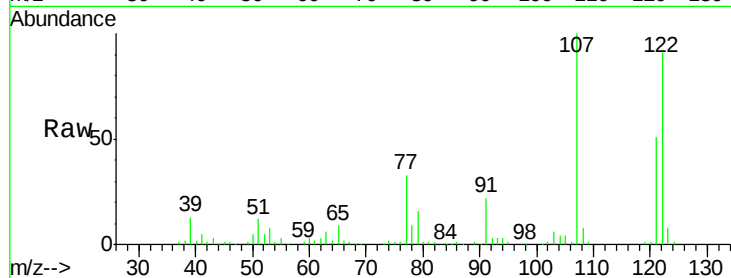
Tgt Ion:122 Resp: 190384

Ion Ratio Lower Upper

122 100

107 109.8 90.6 135.8

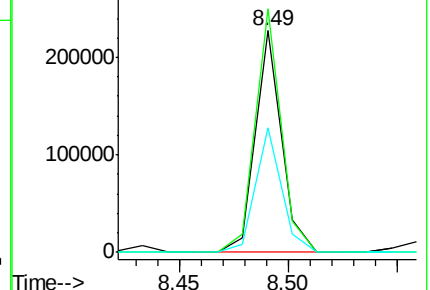
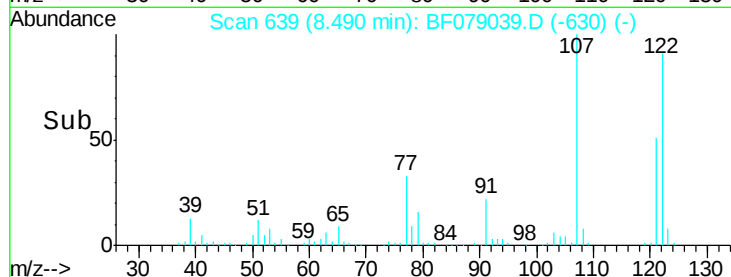
121 56.4 45.4 68.2



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: 44.07 ng

RT: 8.62 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

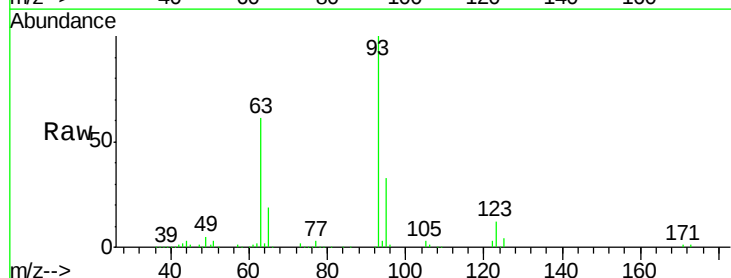
Tgt Ion: 93 Resp: 245567

Ion Ratio Lower Upper

93 100

95 32.9 26.7 40.1

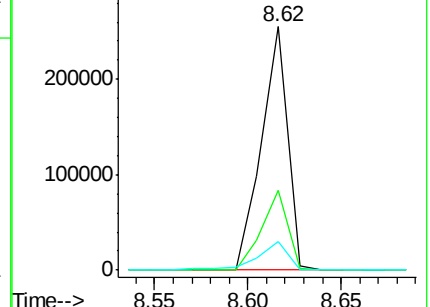
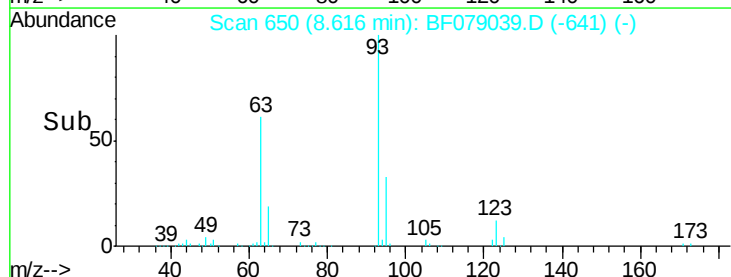
123 11.5 9.1 13.7

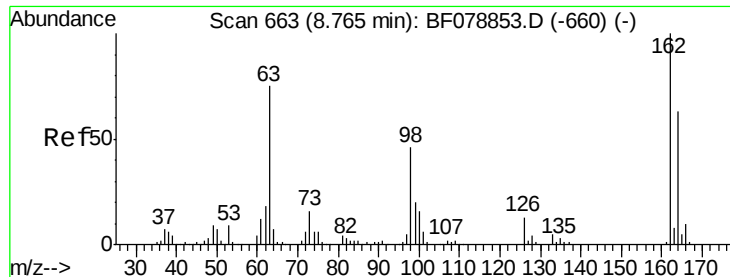


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

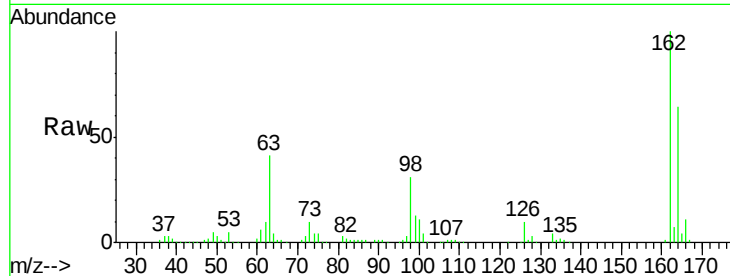




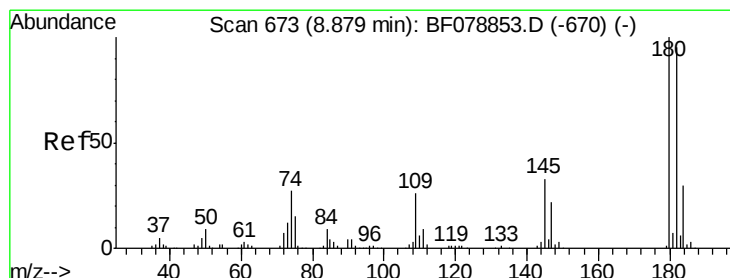
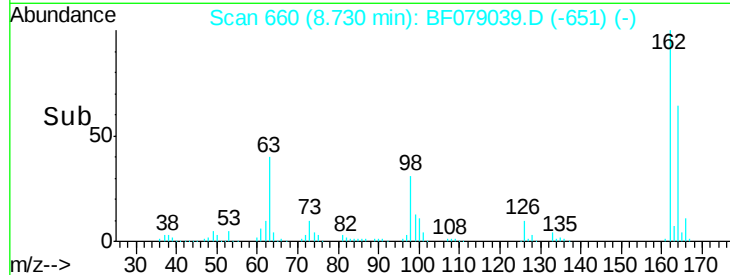
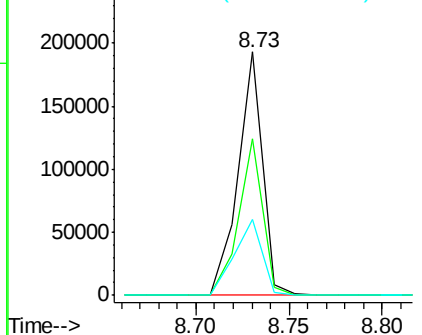
#29
 2,4-Dichlorophenol
 Concen: 49.90 ng
 RT: 8.73 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	31.0	16.5	56.5

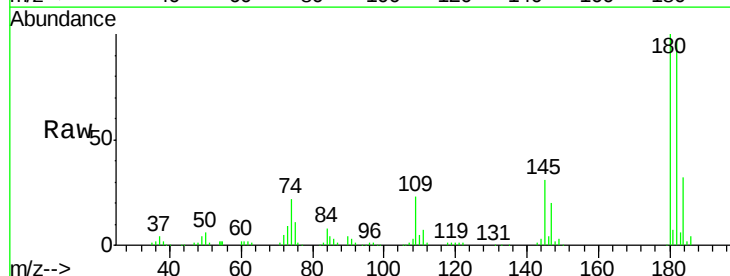


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

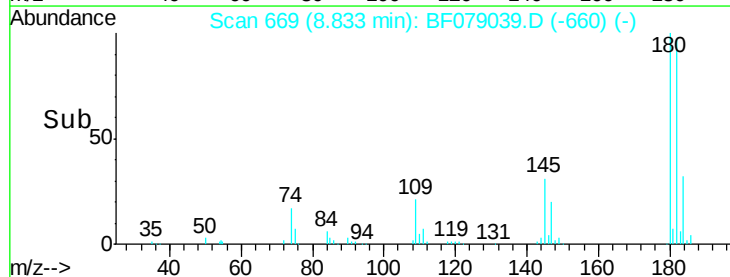
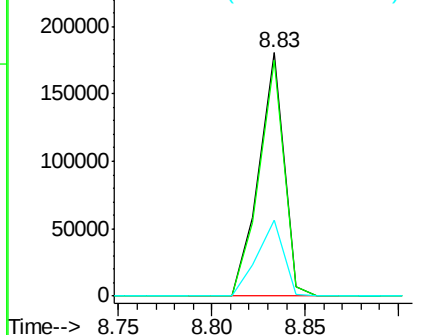


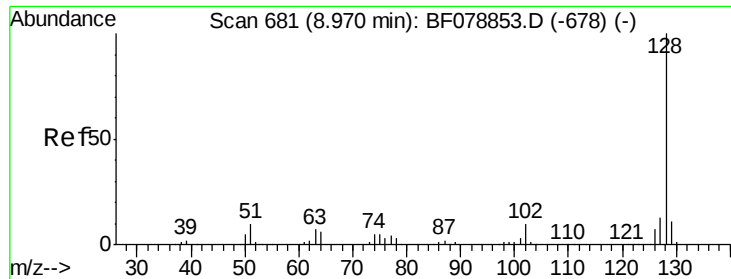
#30
 1,2,4-Trichlorobenzene
 Concen: 43.19 ng
 RT: 8.83 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.9	118.3
145	31.2	24.2	36.4



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

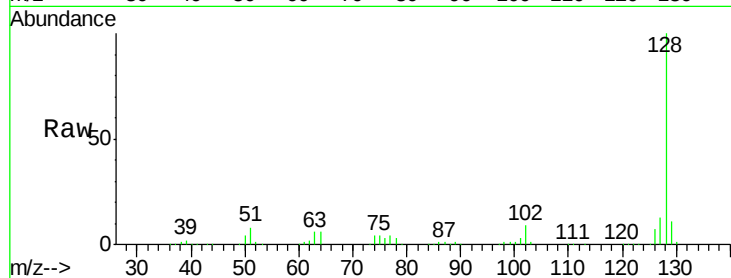




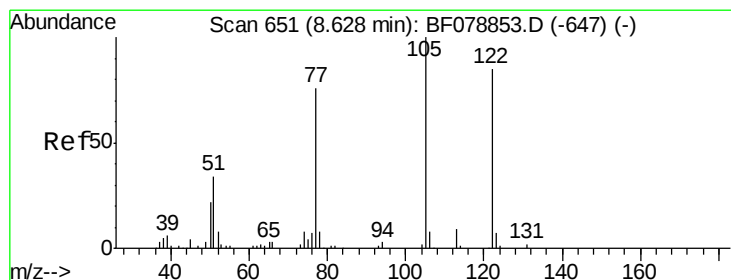
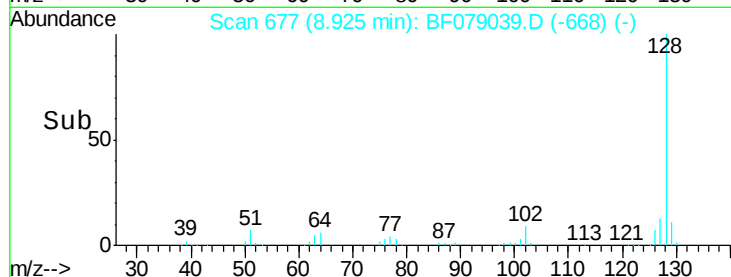
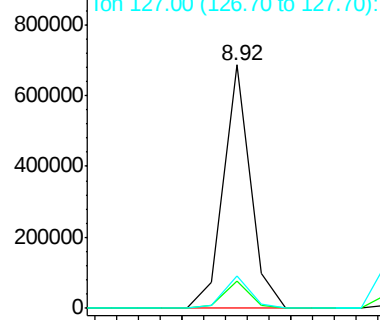
#31
Naphthalene
Concen: 44.16 ng
RT: 8.92 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83243BS

Tgt Ion:128 Resp: 589617
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.2 10.7 16.1

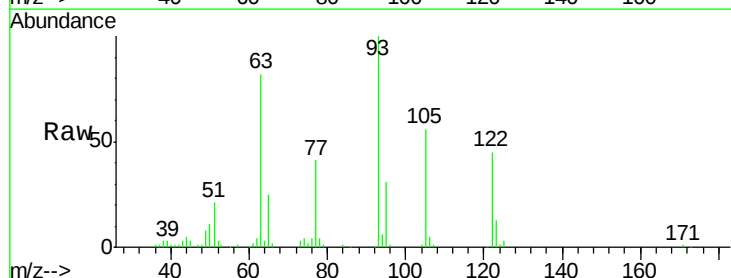


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

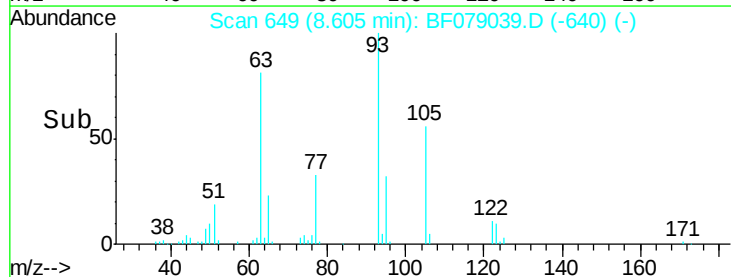
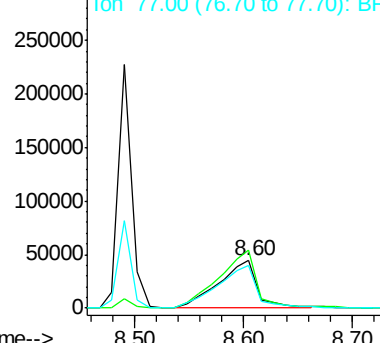


#32
Benzoic acid
Concen: 43.69 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

Tgt Ion:122 Resp: 107908
Ion Ratio Lower Upper
122 100
105 123.9 107.1 147.1
77 90.4 73.9 113.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

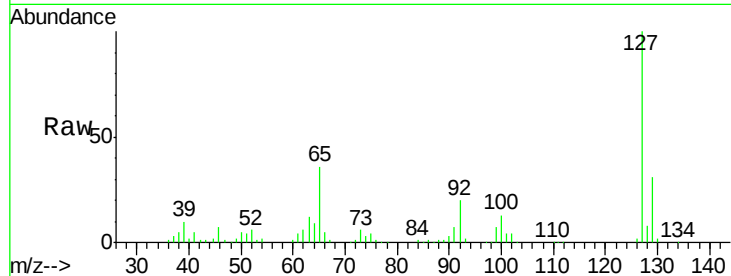




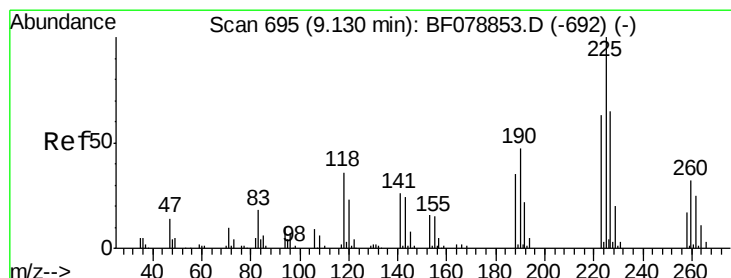
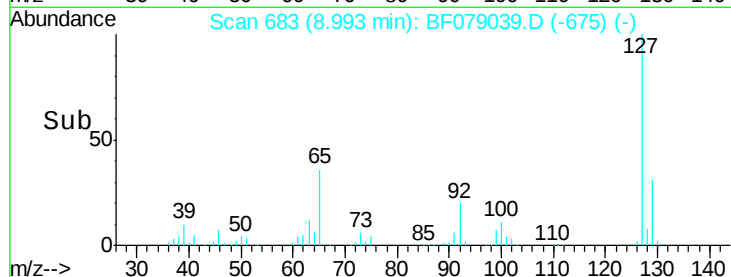
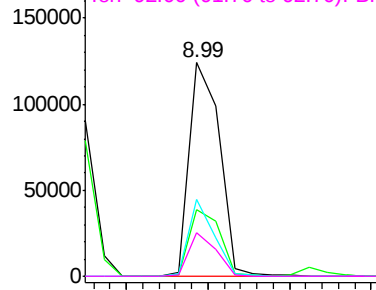
#33
 4-Chloroaniline
 Concen: 28.21 ng
 RT: 8.99 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion:	127	Resp:	159344
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	36.0	25.8	38.6
92	20.4	15.5	23.3

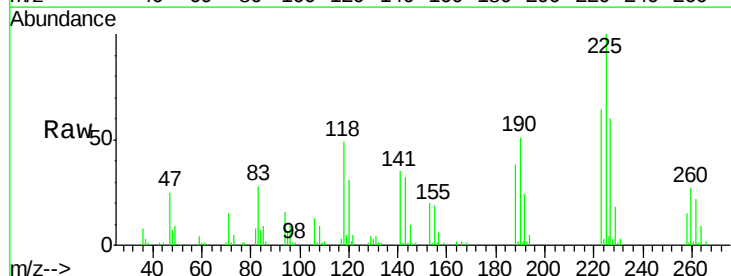


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

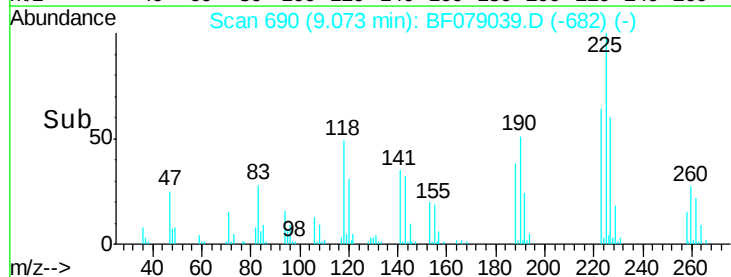
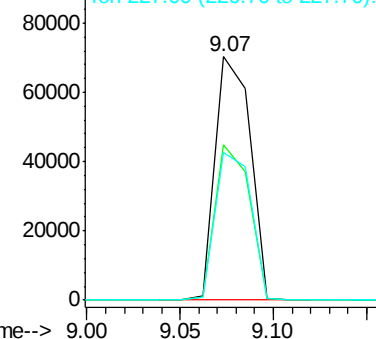


#34
 Hexachlorobutadiene
 Concen: 40.60 ng
 RT: 9.07 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion:	225	Resp:	91405
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.2	72.4
227	60.4	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: 46.05 ng

RT: 9.43 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampled :

PB83243BS

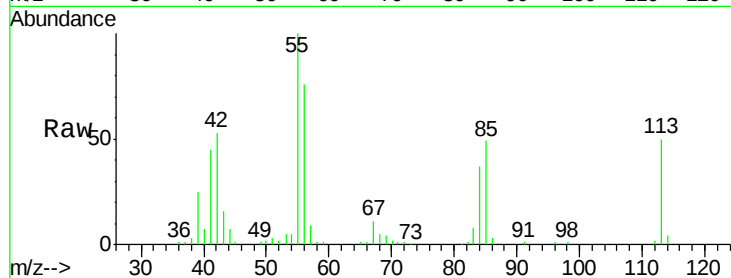
Tgt Ion:113 Resp: 52998

Ion Ratio Lower Upper

113 100

55 200.5 169.7 209.7

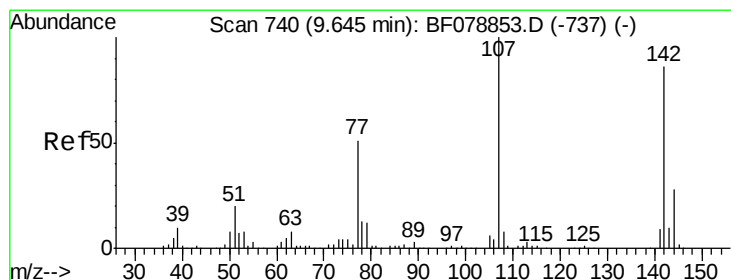
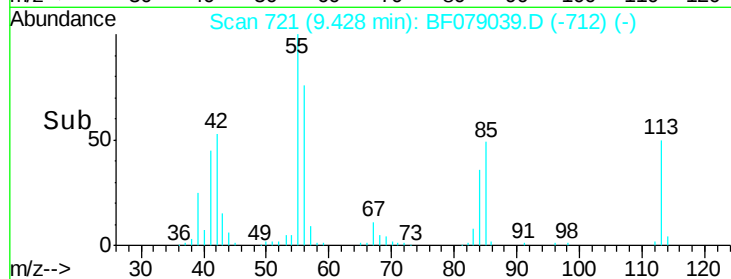
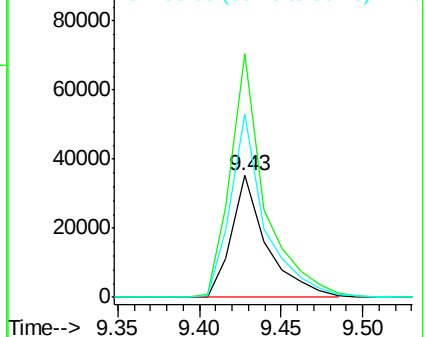
56 151.6 122.5 162.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.34 ng

RT: 9.61 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

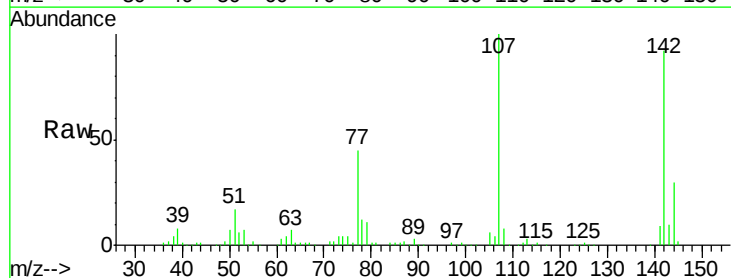
Tgt Ion:107 Resp: 180692

Ion Ratio Lower Upper

107 100

144 29.9 19.8 29.6#

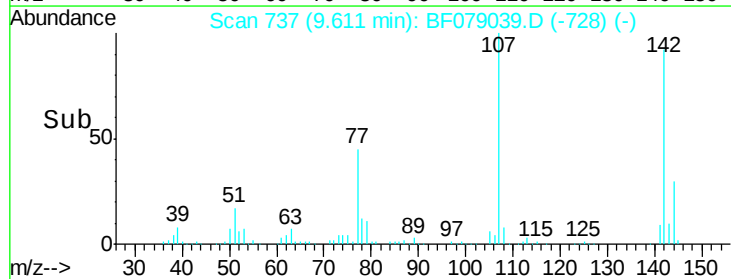
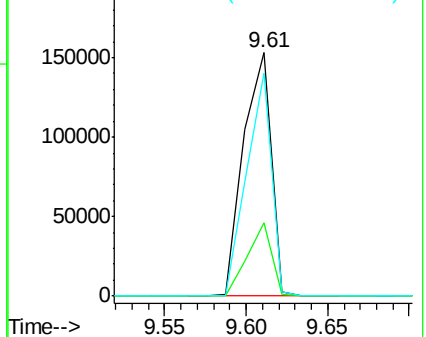
142 91.6 60.6 91.0#

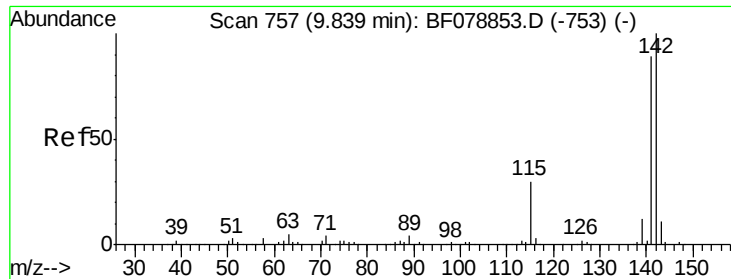


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

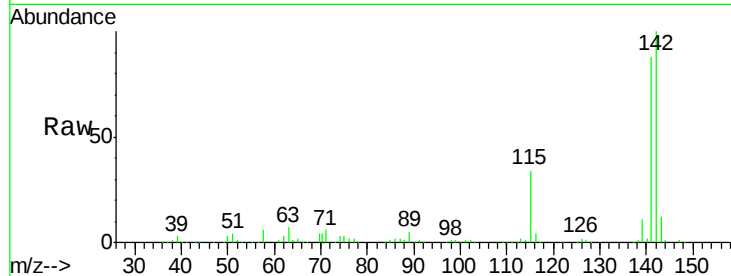




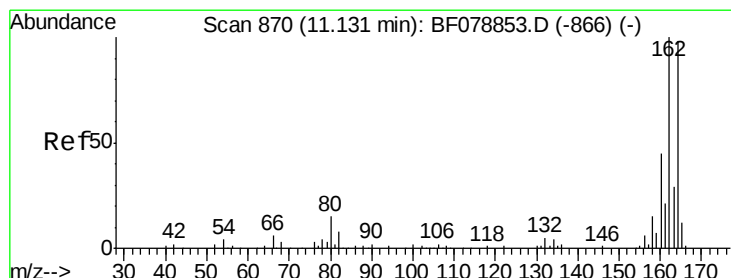
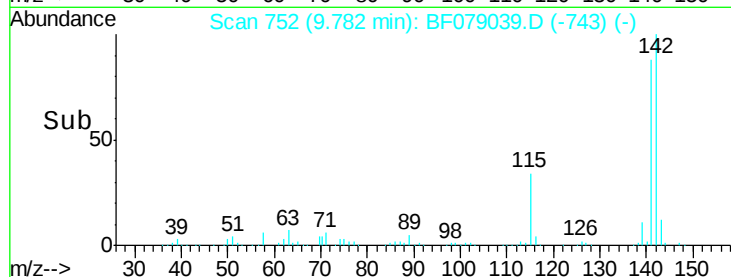
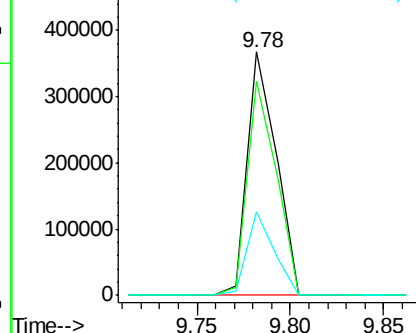
#37
 2-Methylnaphthalene
 Concen: 43.13 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion:142 Resp: 399024
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.9 106.3
 115 34.5 28.5 42.7

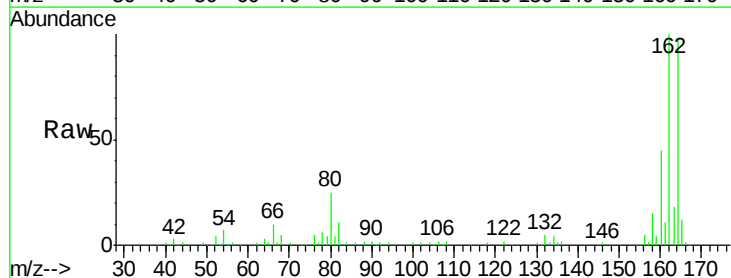


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

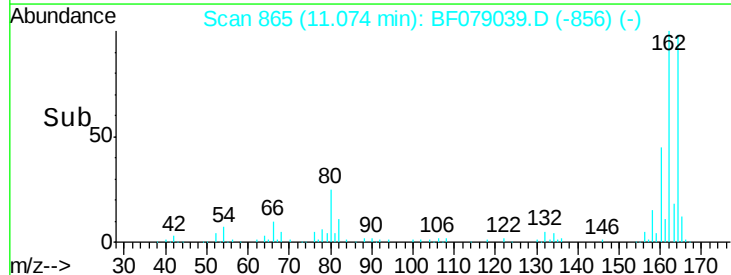
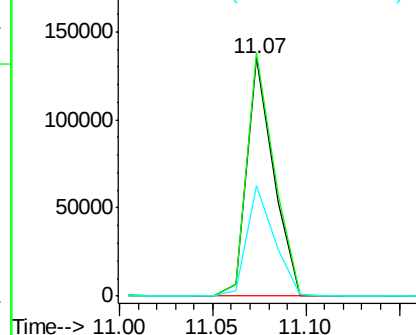


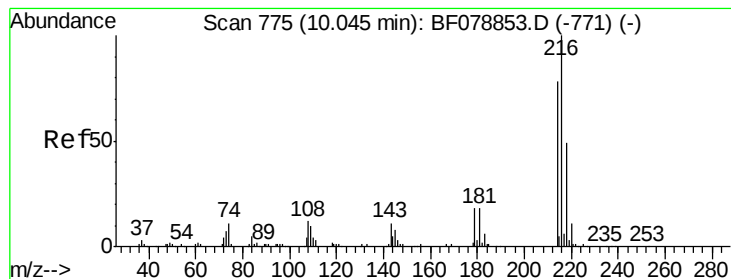
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion:164 Resp: 134216
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.7 124.1
 160 46.2 35.8 53.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.93 ng

RT: 9.99 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

Tgt Ion:216 Resp: 158509

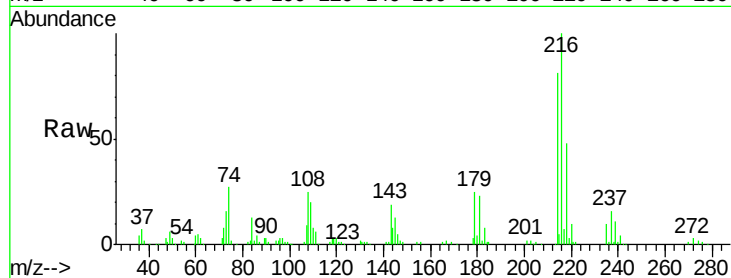
Ion Ratio Lower Upper

216 100

214 79.1 0.0 0.0#

179 22.3 0.0 0.0#

108 23.7 0.0 0.0#

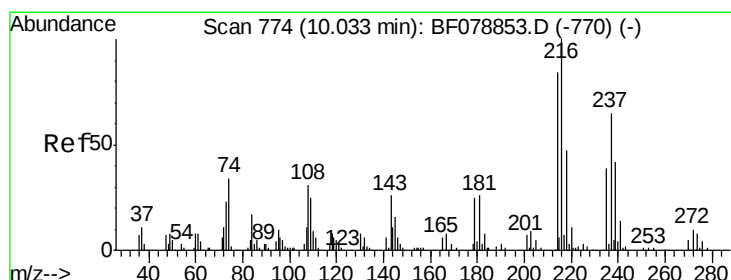
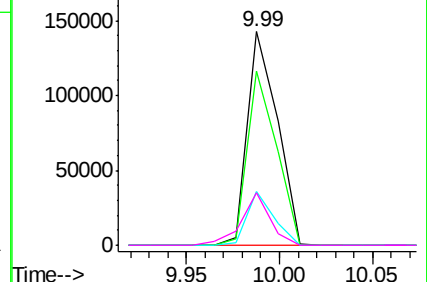
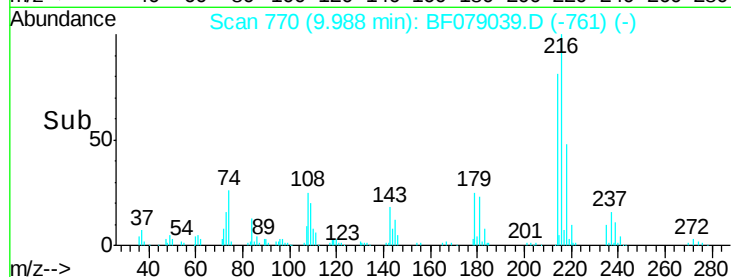


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.99 ng

RT: 9.98 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

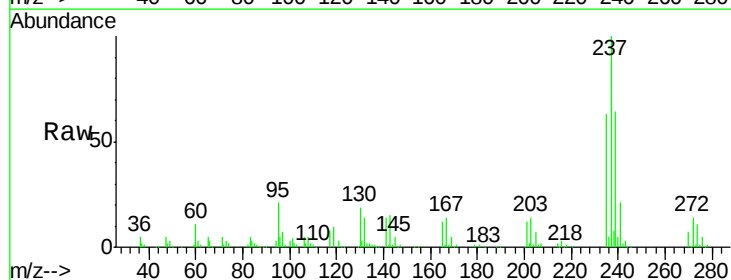
Tgt Ion:237 Resp: 161549

Ion Ratio Lower Upper

237 100

235 62.9 44.7 84.7

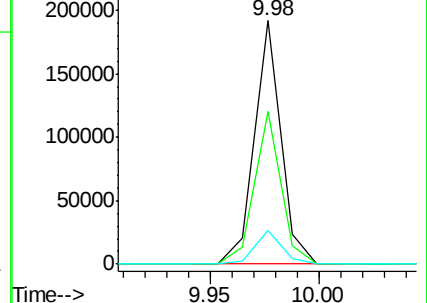
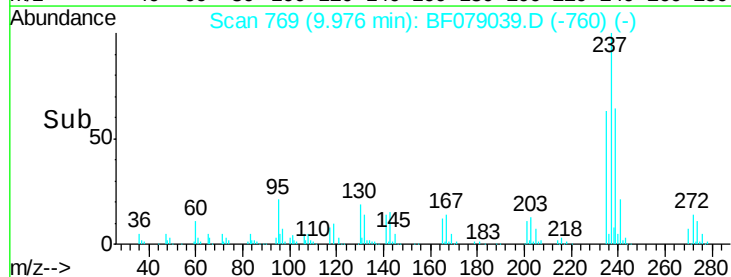
272 13.6 0.0 32.6



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

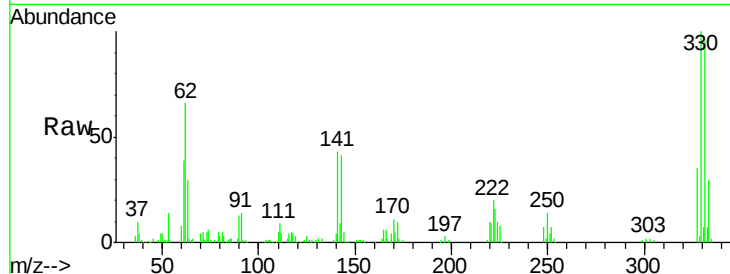




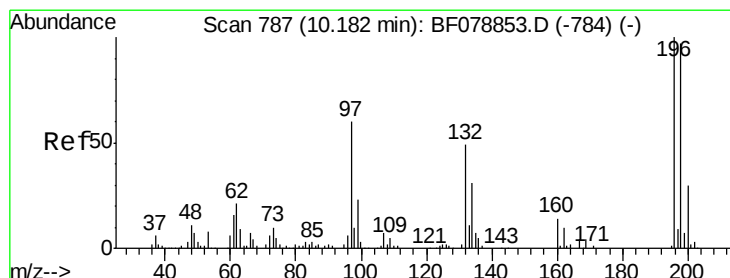
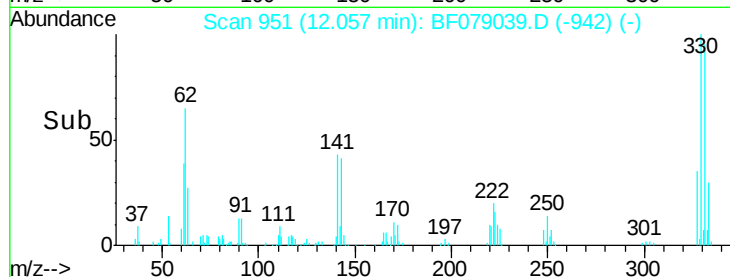
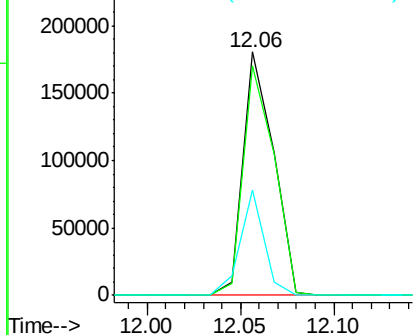
#41
 2,4,6-Tribromophenol
 Concen: 141.02 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion:330 Resp: 204753
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 34.4 0.0 0.0#

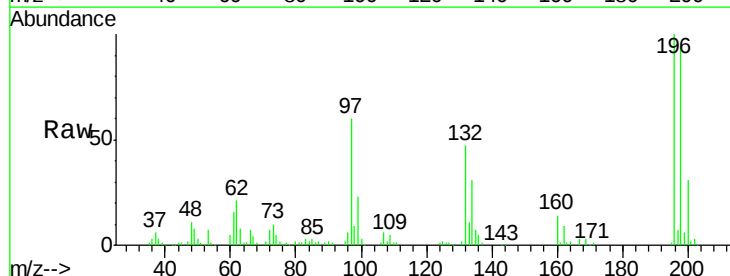


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

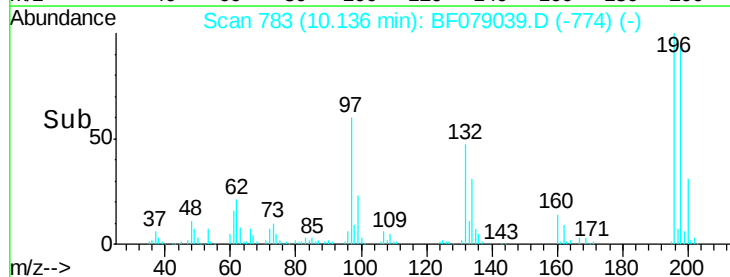
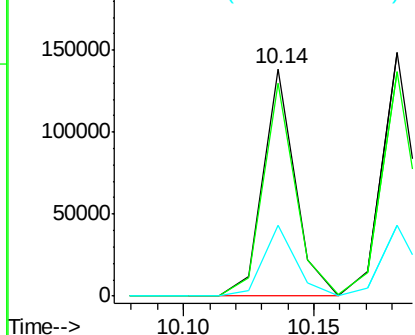


#42
 2,4,6-Trichlorophenol
 Concen: 45.72 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion:196 Resp: 118823
 Ion Ratio Lower Upper
 196 100
 198 93.6 80.5 120.7
 200 30.9 24.9 37.3



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

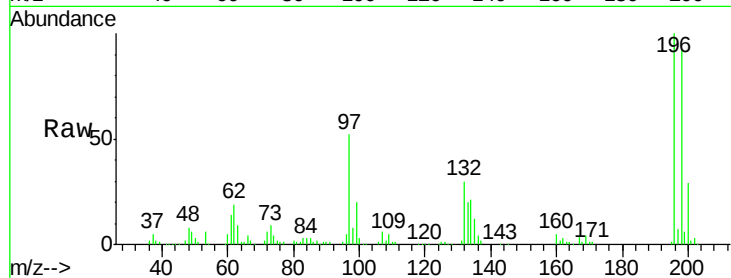




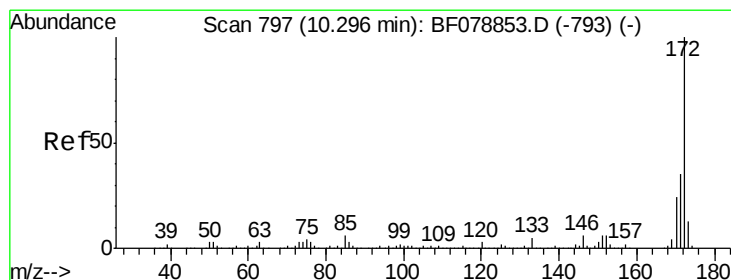
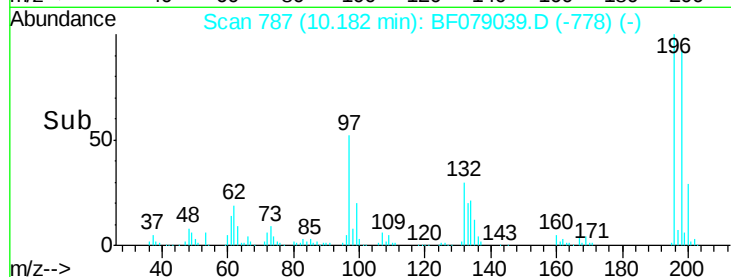
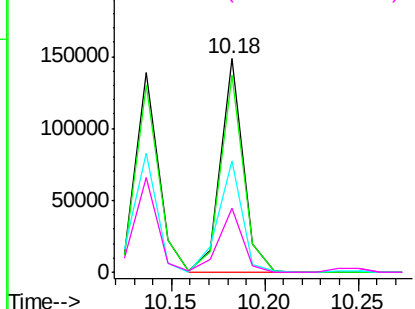
#43
 2,4,5-Trichlorophenol
 Concen: 48.51 ng
 RT: 10.18 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion:196 Resp: 127447
 Ion Ratio Lower Upper
 196 100
 198 92.4 79.8 119.6
 97 52.0 46.0 69.0
 132 30.1 26.6 40.0



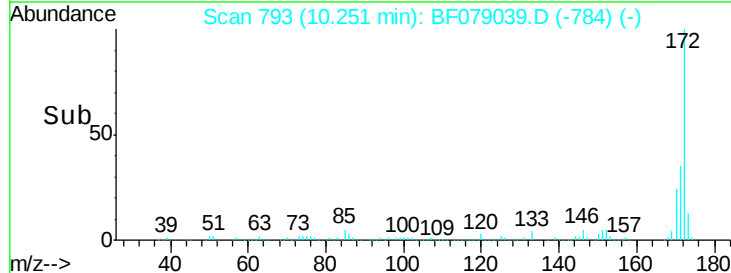
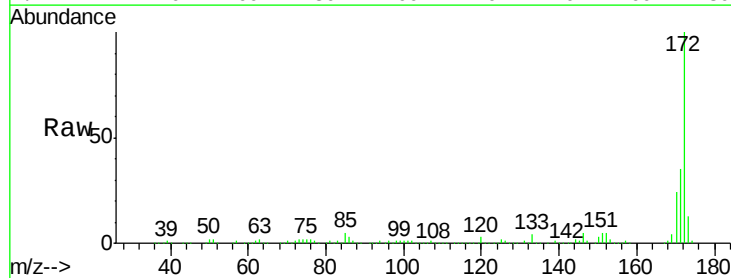
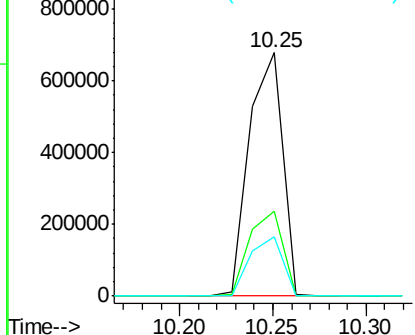
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.37 ng
 RT: 10.25 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion:172 Resp: 841683
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.9 41.9
 170 24.3 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

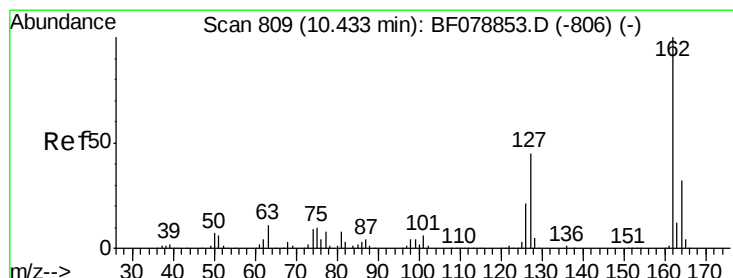
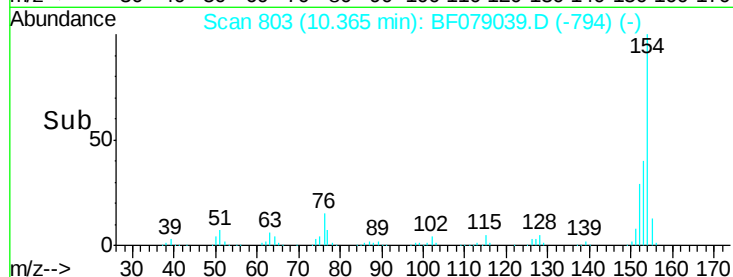
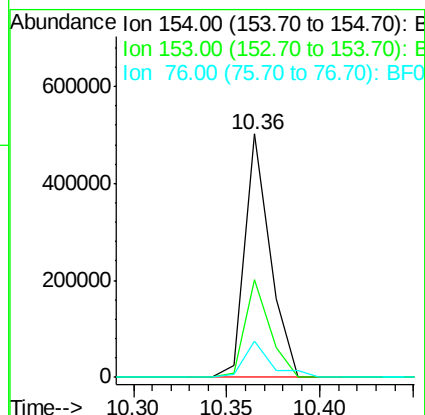
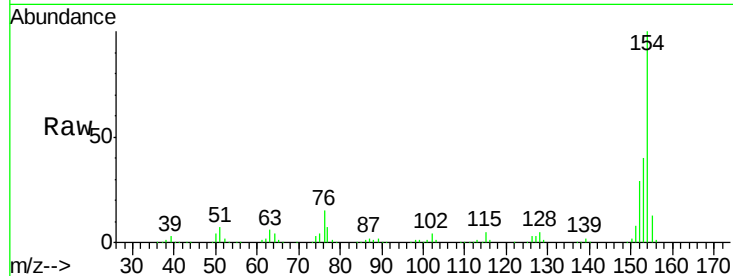




#45
 1,1'-Biphenyl
 Concen: 44.28 ng
 RT: 10.36 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

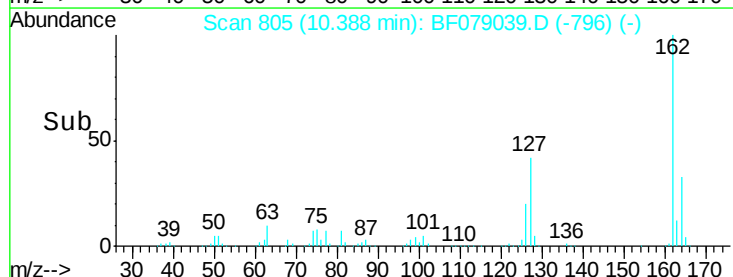
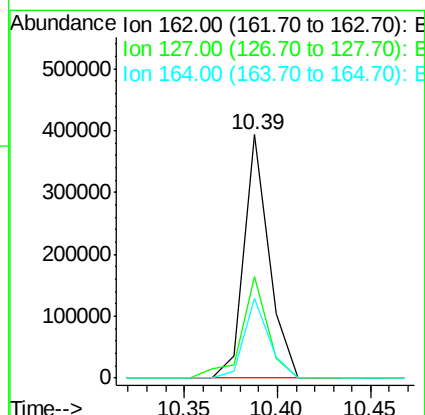
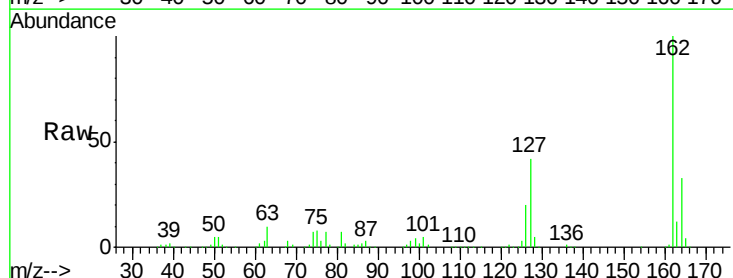
Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion:154 Resp: 472471
 Ion Ratio Lower Upper
 154 100
 153 39.9 19.9 59.9
 76 14.9 0.0 35.0



#46
 2-Chloronaphthalene
 Concen: 43.84 ng
 RT: 10.39 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion:162 Resp: 364846
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.9 50.9
 164 32.9 26.3 39.5

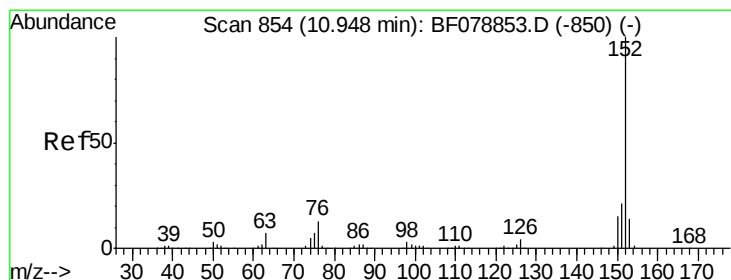
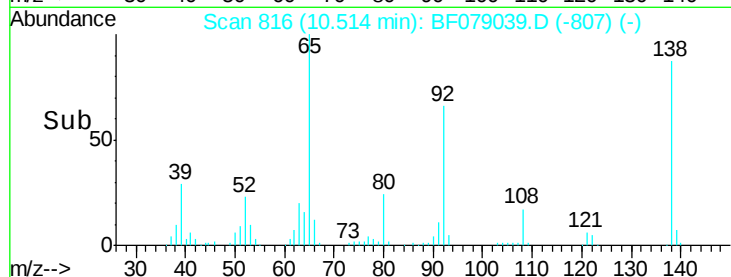
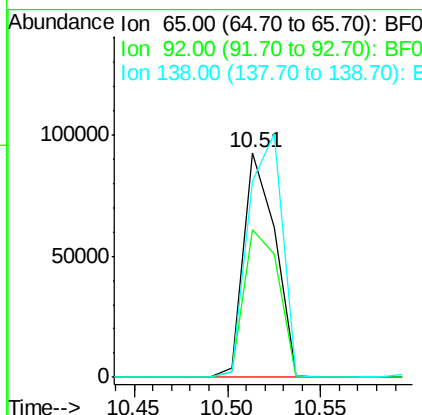
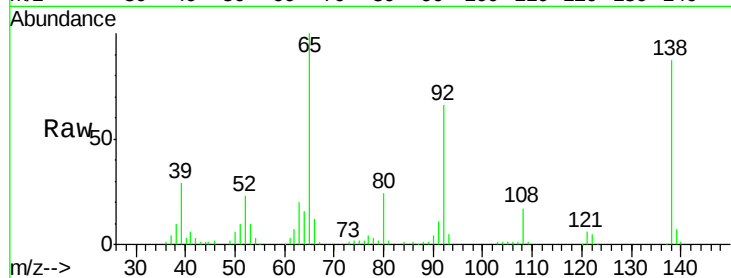




#47
 2-Nitroaniline
 Concen: 45.22 ng
 RT: 10.51 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

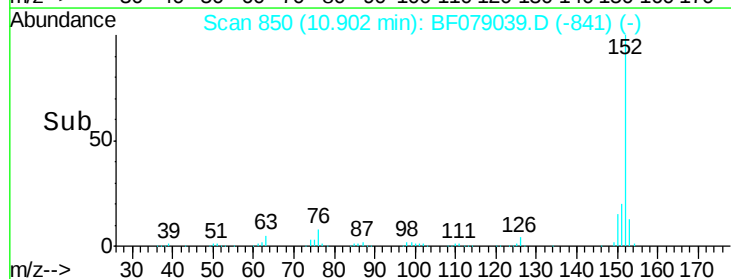
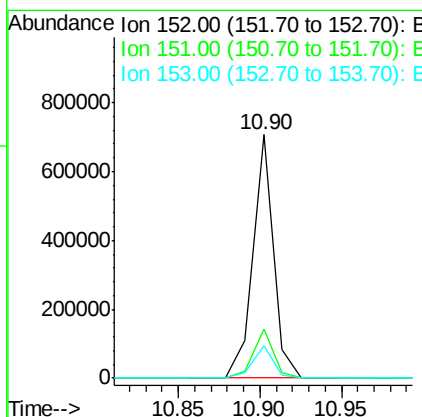
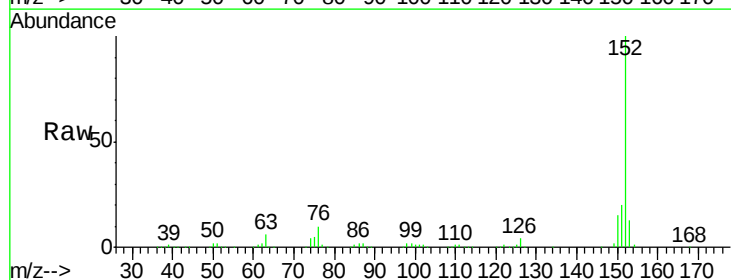
Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

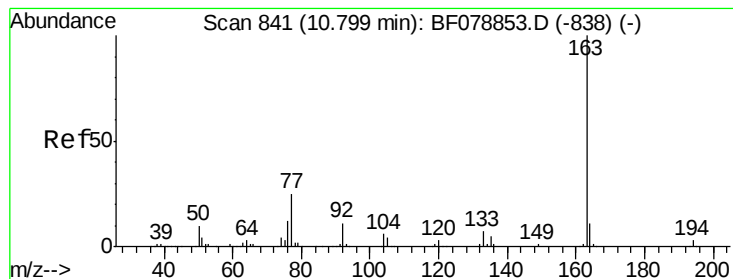
Tgt Ion: 65 Resp: 109051
 Ion Ratio Lower Upper
 65 100
 92 65.6 54.0 81.0
 138 87.3 75.0 112.6



#48
 Acenaphthylene
 Concen: 45.28 ng
 RT: 10.90 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion: 152 Resp: 618757
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4
 153 13.3 10.9 16.3





#49

Dimethylphthalate

Concen: 44.33 ng

RT: 10.75 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

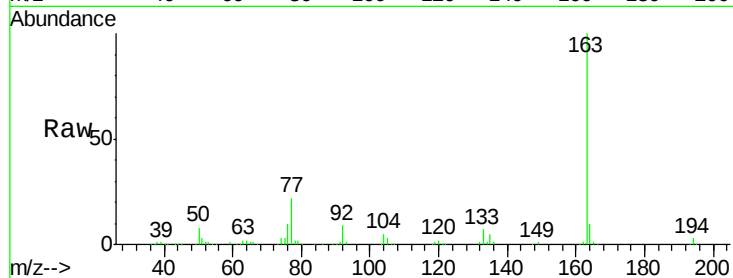
Tgt Ion:163 Resp: 436640

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

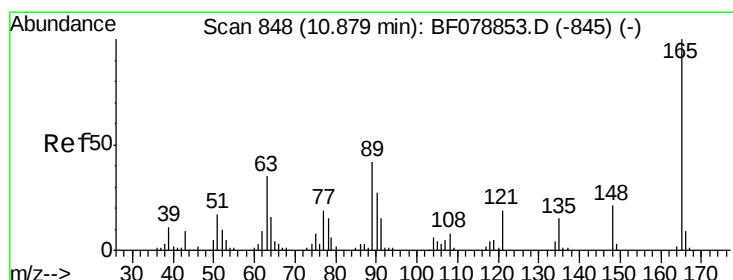
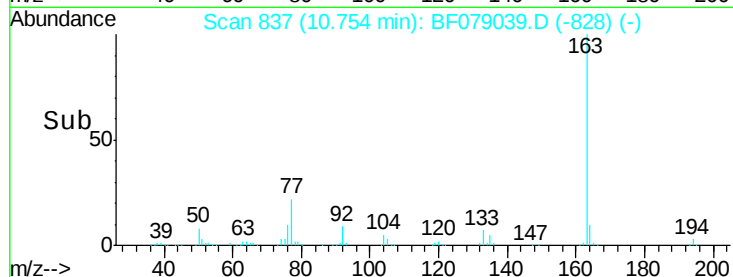
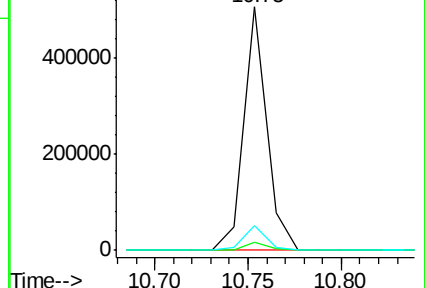
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.24 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

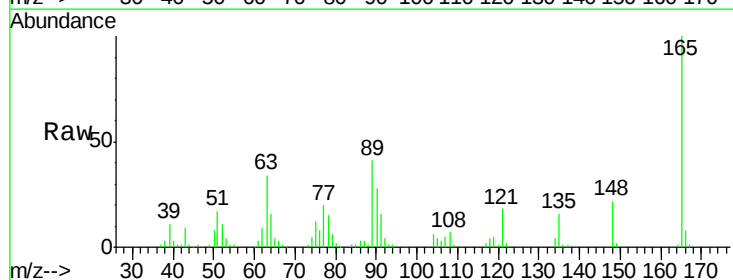
Tgt Ion:165 Resp: 91832

Ion Ratio Lower Upper

165 100

63 34.1 54.4 81.6#

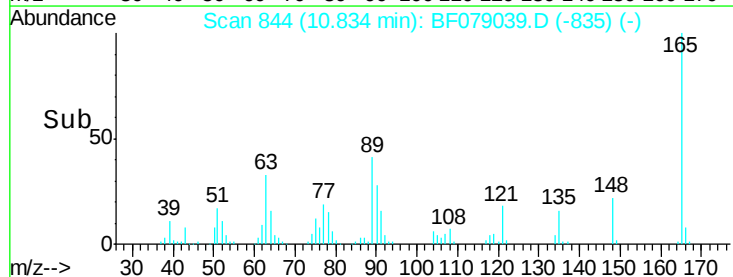
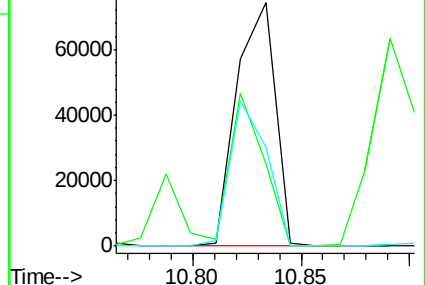
89 40.7 55.7 83.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.40 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampled :

PB83243BS

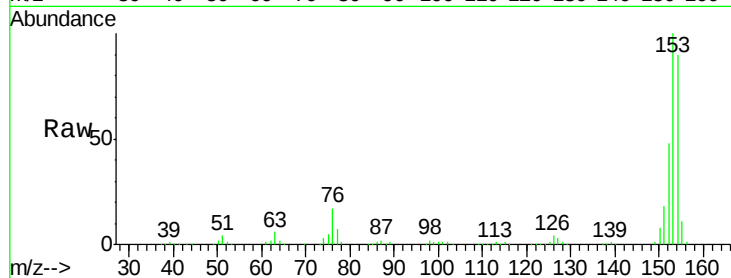
Tgt Ion:154 Resp: 361815

Ion Ratio Lower Upper

154 100

153 111.2 91.5 137.3

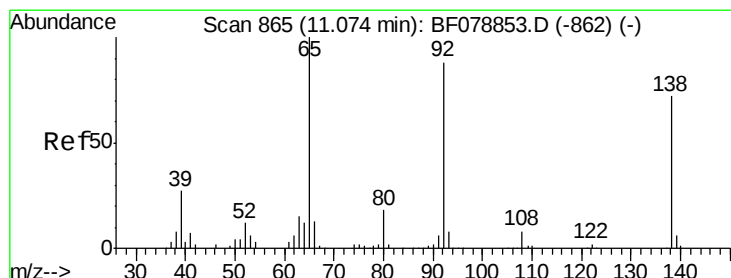
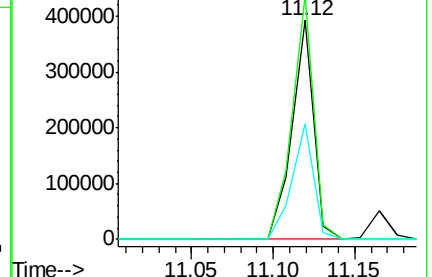
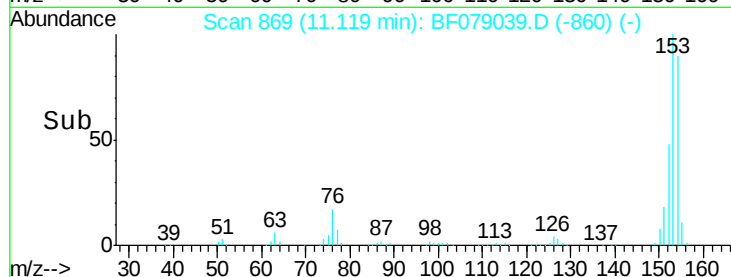
152 53.0 44.2 66.4



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: 33.50 ng

RT: 11.03 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

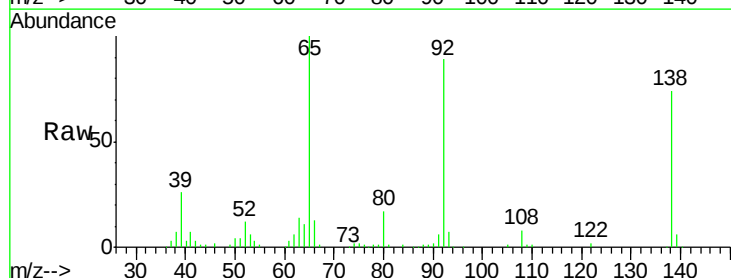
Tgt Ion:138 Resp: 81348

Ion Ratio Lower Upper

138 100

108 10.7 10.6 16.0

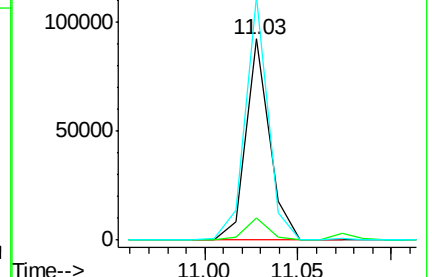
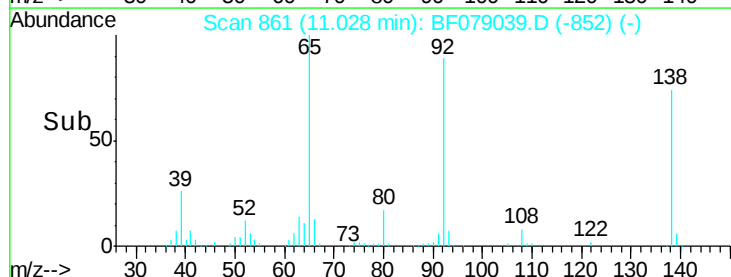
92 121.0 81.8 122.6

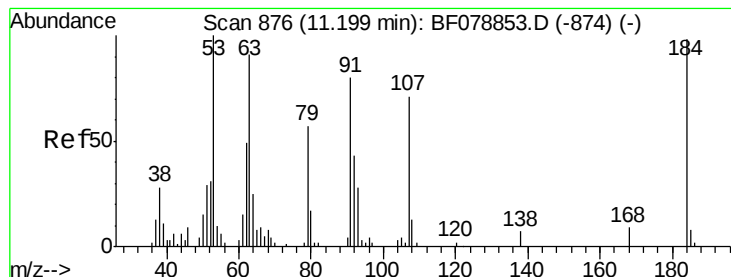


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 82.75 ng

RT: 11.17 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampled :

PB83243BS

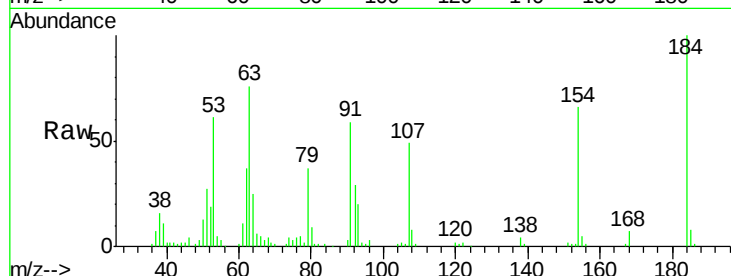
Tgt Ion:184 Resp: 69986

Ion Ratio Lower Upper

184 100

63 76.4 63.3 94.9

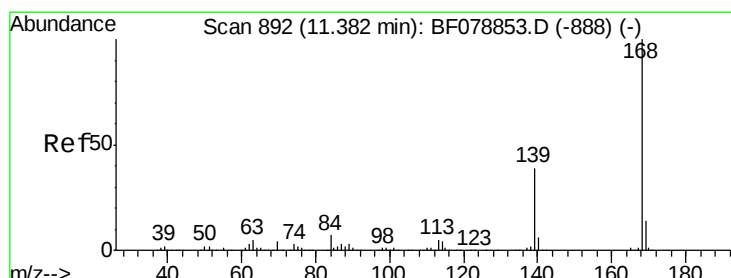
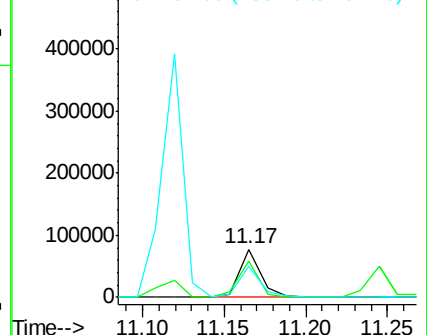
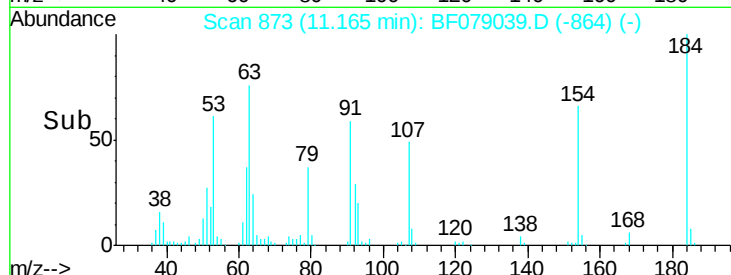
154 66.0 53.8 80.6



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: 46.49 ng

RT: 11.34 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

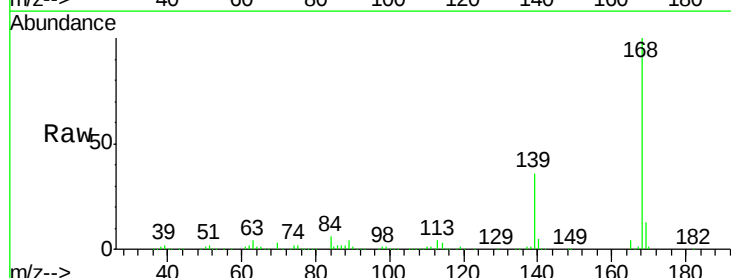
Tgt Ion:168 Resp: 547182

Ion Ratio Lower Upper

168 100

139 35.9 31.0 46.4

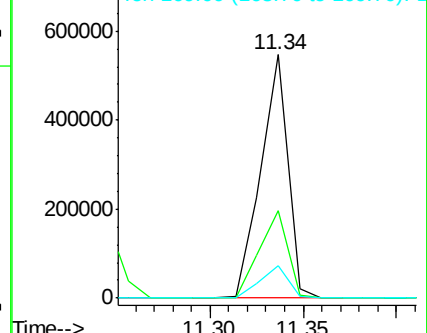
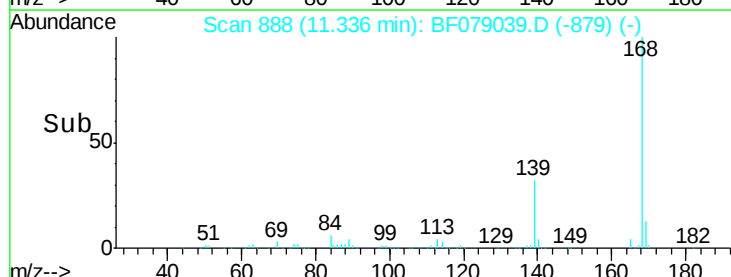
169 13.4 10.6 16.0

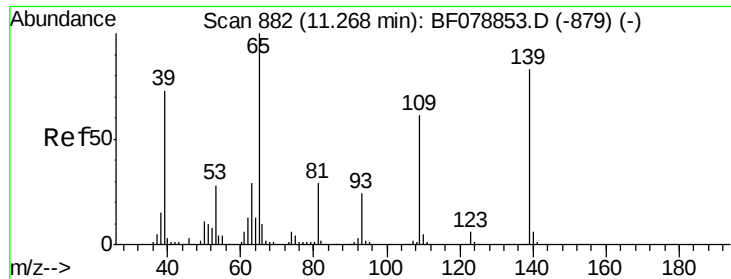


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

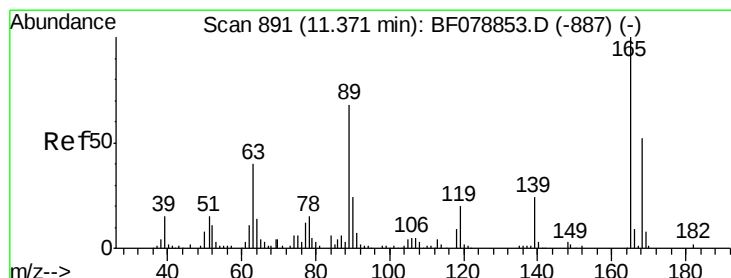
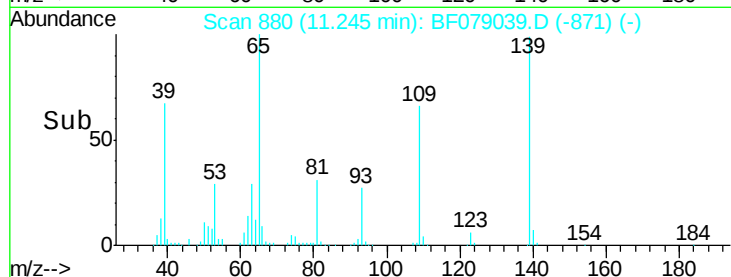
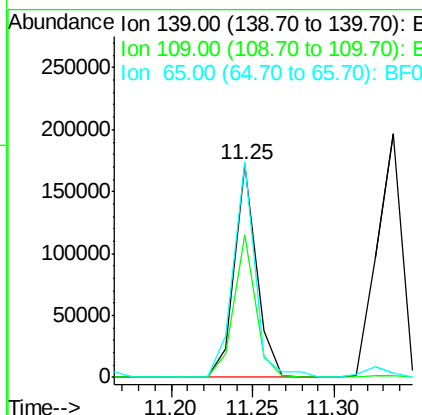
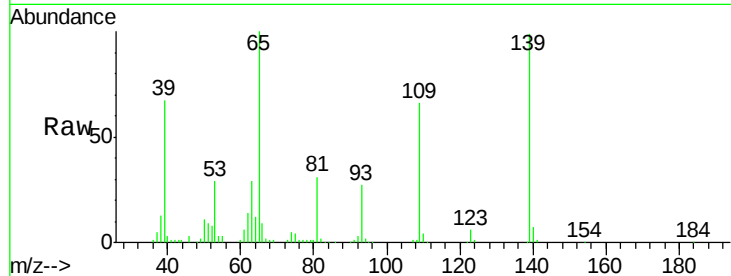




#55
4-Nitrophenol
Concen: 83.91 ng
RT: 11.25 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

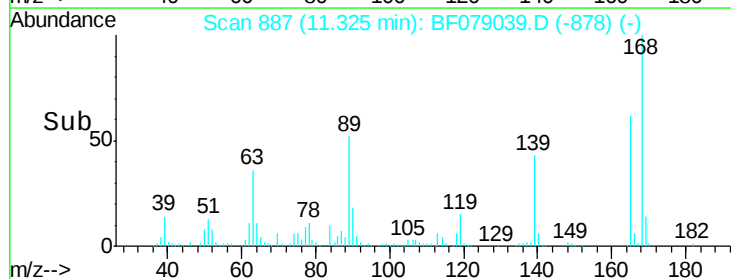
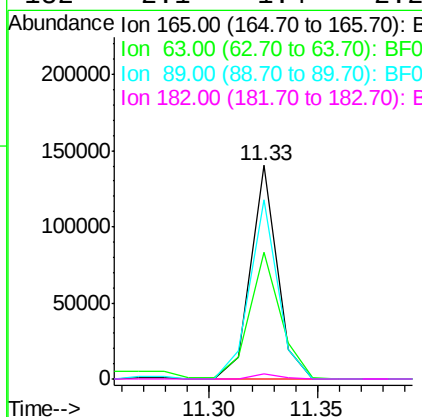
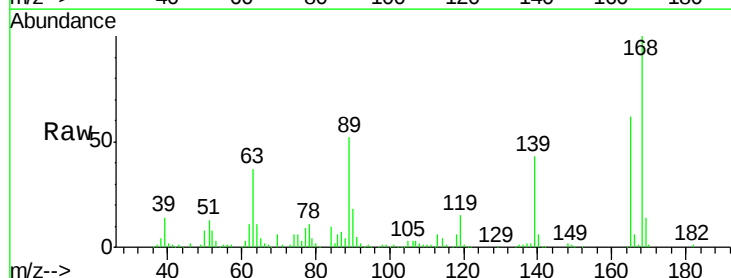
Instrument :
BNA_F
ClientSampleId :
PB83243BS

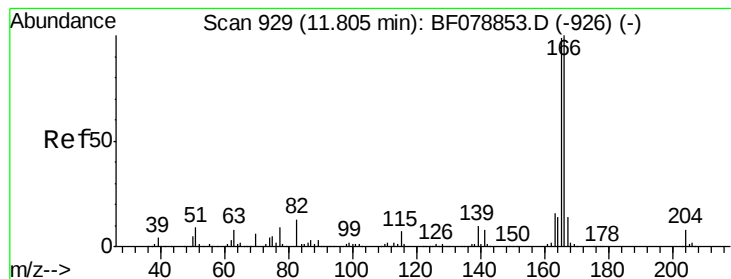
Tgt Ion:139 Resp: 161270
Ion Ratio Lower Upper
139 100
109 67.0 47.6 87.6
65 101.3 54.3 94.3#



#56
2,4-Dinitrotoluene
Concen: 46.36 ng
RT: 11.33 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

Tgt Ion:165 Resp: 119146
Ion Ratio Lower Upper
165 100
63 59.1 51.2 76.8
89 84.0 82.7 124.1
182 2.1 1.4 2.2





#57

Fluorene

Concen: 45.51 ng

RT: 11.76 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

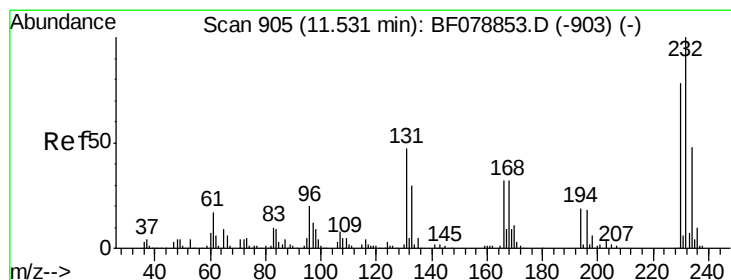
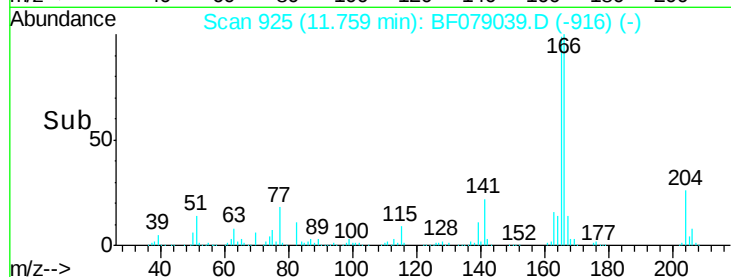
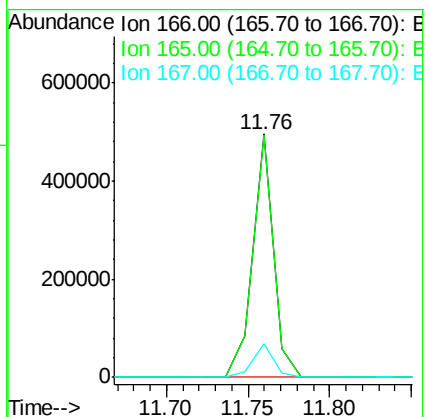
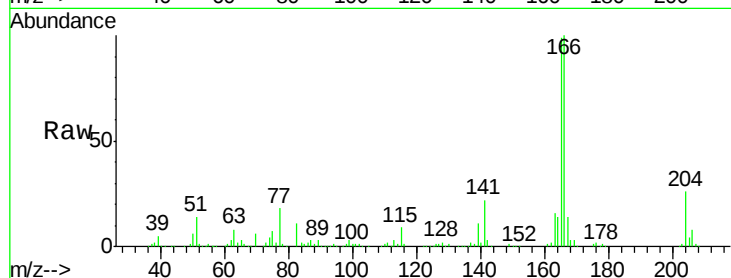
Tgt Ion:166 Resp: 439699

Ion Ratio Lower Upper

166 100

165 99.5 78.5 117.7

167 13.7 11.0 16.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.42 ng

RT: 11.49 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Tgt Ion:232 Resp: 95364

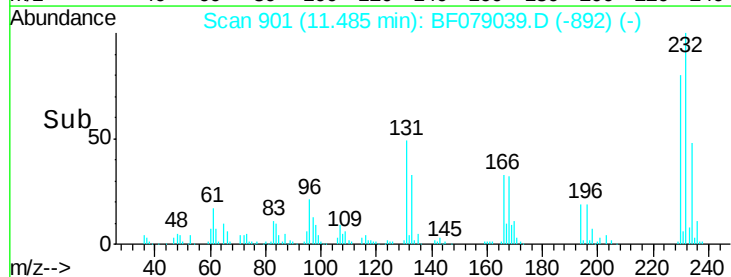
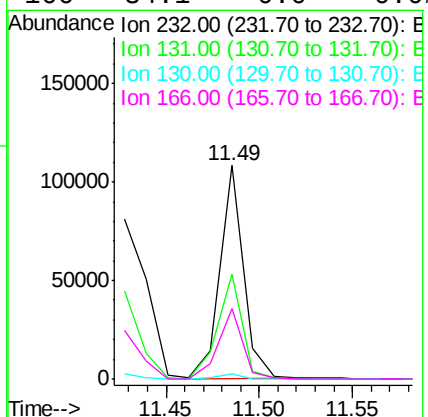
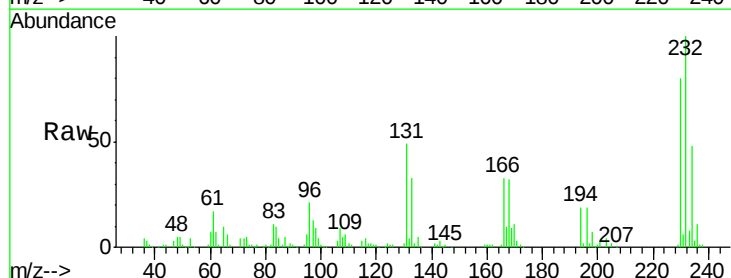
Ion Ratio Lower Upper

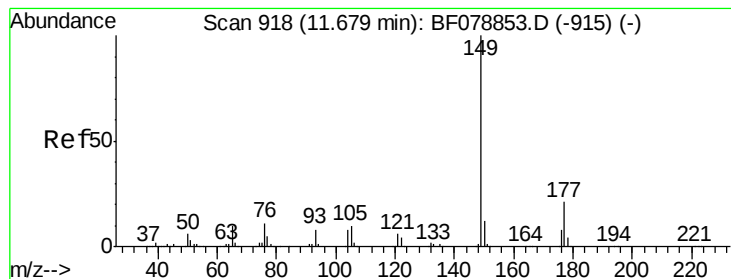
232 100

131 52.1 0.0 0.0#

130 2.4 0.0 0.0#

166 34.1 0.0 0.0#





#59

Diethylphthalate

Concen: 45.20 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

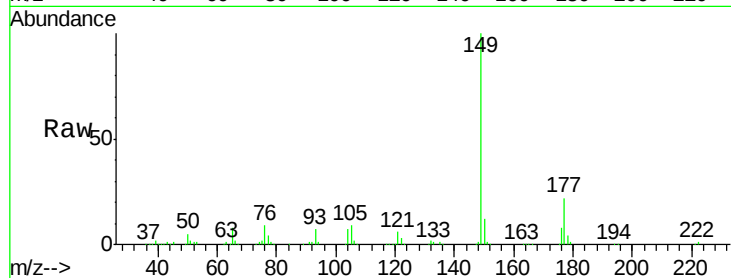
Tgt Ion:149 Resp: 441065

Ion Ratio Lower Upper

149 100

177 22.3 17.5 26.3

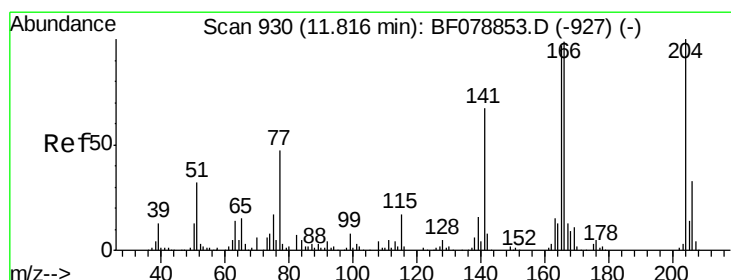
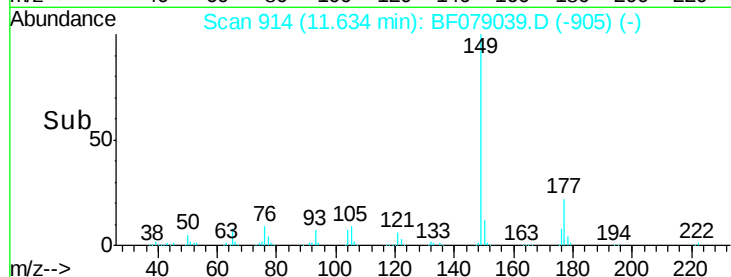
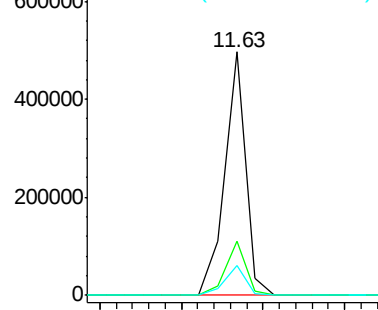
150 12.3 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.33 ng

RT: 11.77 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

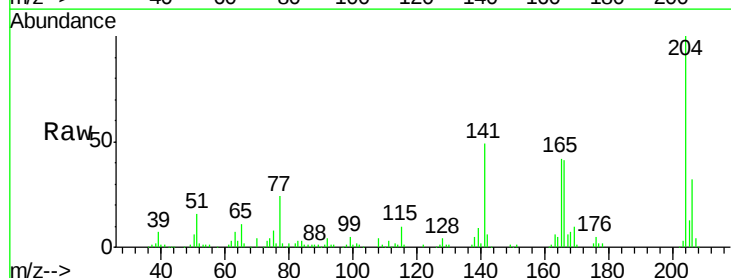
Tgt Ion:204 Resp: 189983

Ion Ratio Lower Upper

204 100

206 31.6 26.9 40.3

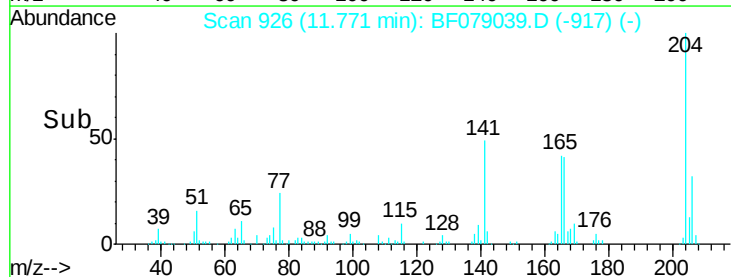
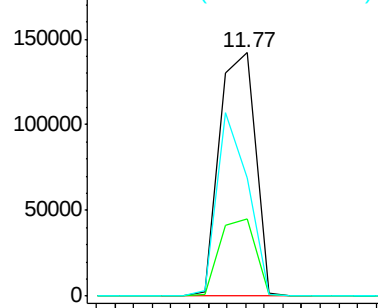
141 48.6 48.3 72.5

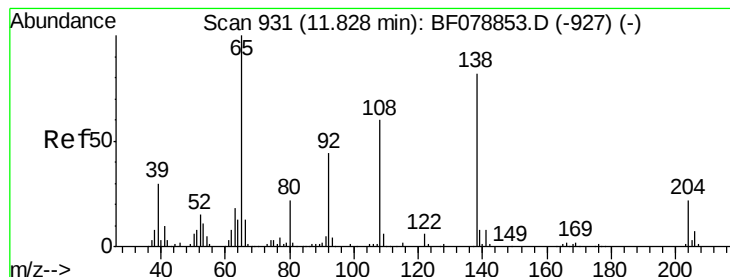


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.84 ng

RT: 11.78 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

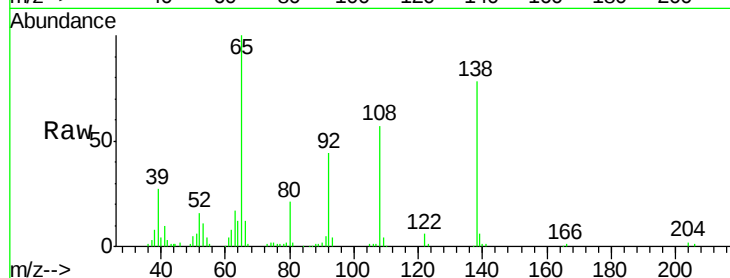
Tgt Ion:138 Resp: 106492

Ion Ratio Lower Upper

138 100

92 56.9 28.0 68.0

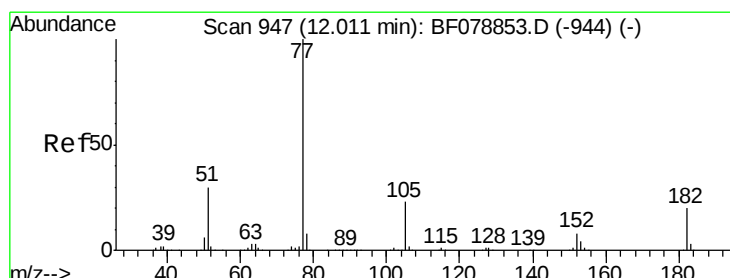
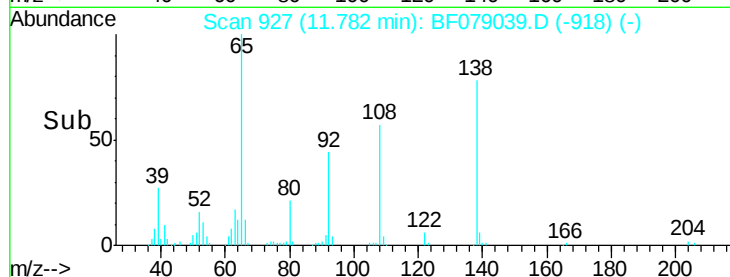
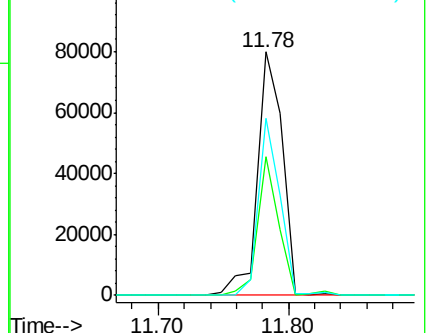
108 72.6 56.3 96.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.08 ng

RT: 11.97 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Tgt Ion: 77 Resp: 443131

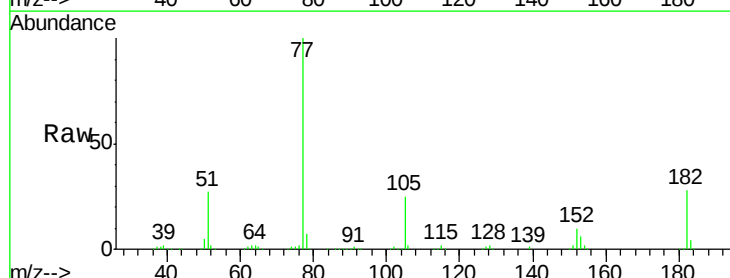
Ion Ratio Lower Upper

77 100

182 28.2 3.8 43.8

105 25.1 3.9 43.9

51 26.9 10.8 50.8

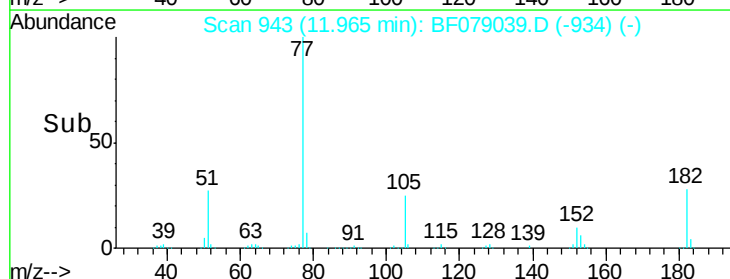
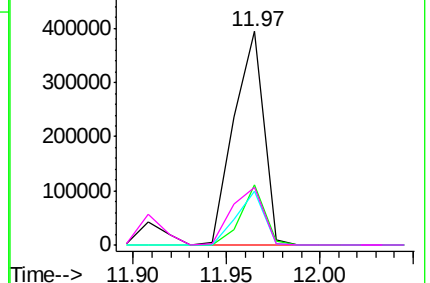


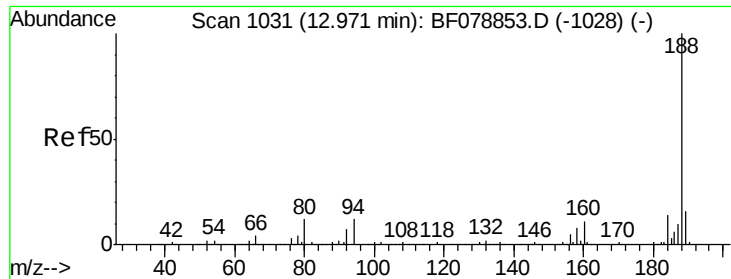
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

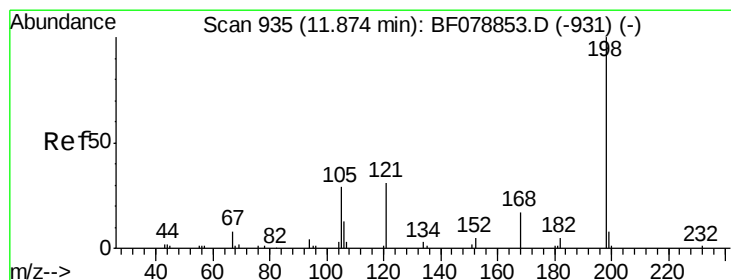
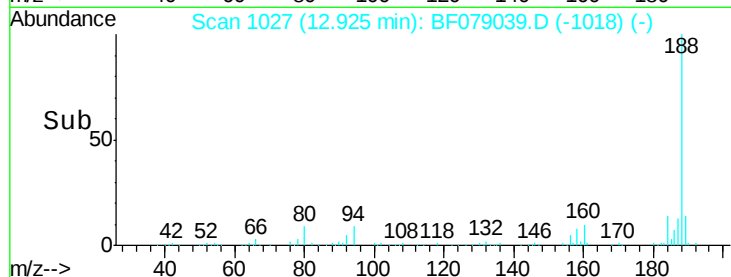
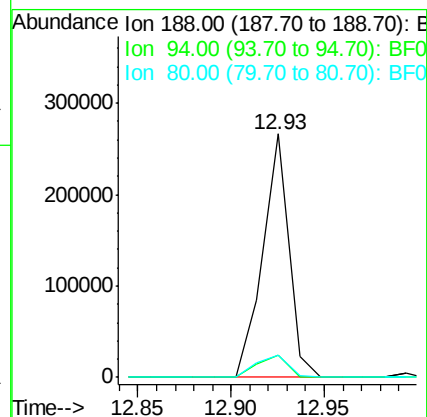
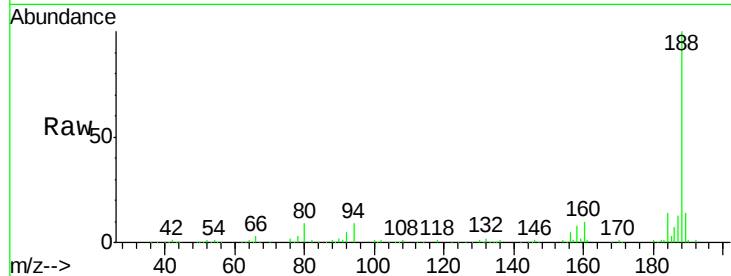




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

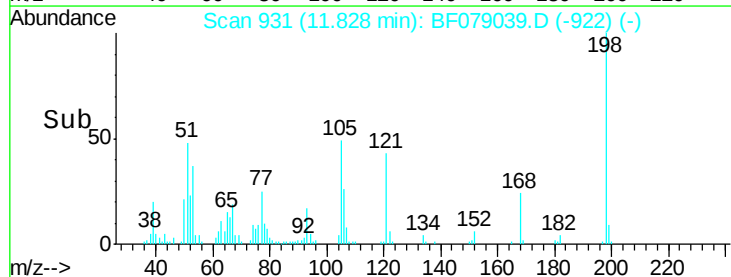
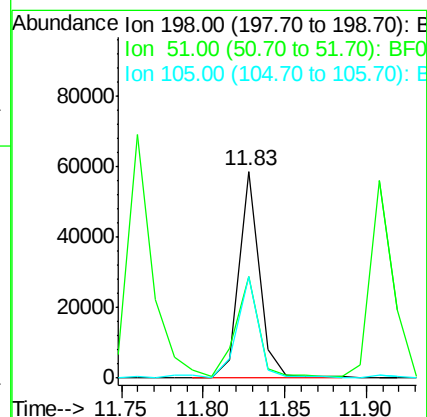
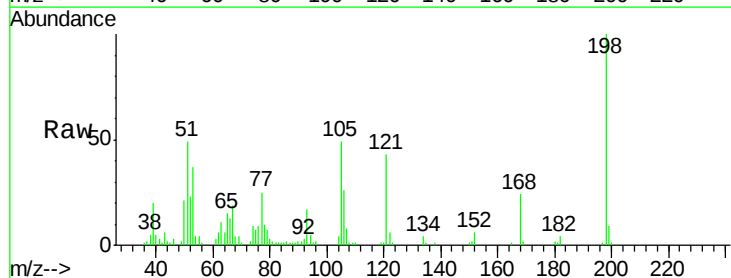
Instrument :
BNA_F
ClientSampleId :
PB83243BS

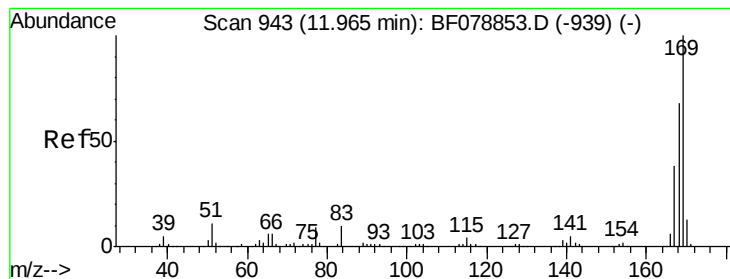
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.2	8.9	13.3



#64
4,6-Dinitro-2-methylphenol
Concen: 47.54 ng
RT: 11.83 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.9	47.3	87.3
105	49.0	38.8	78.8

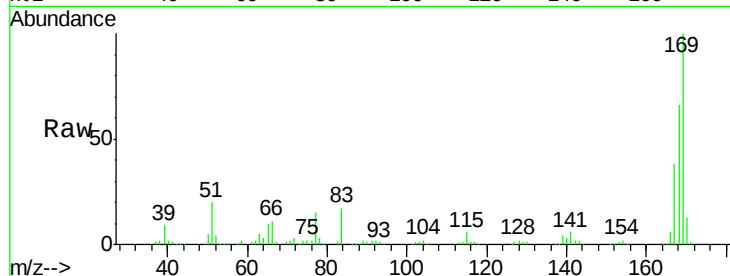




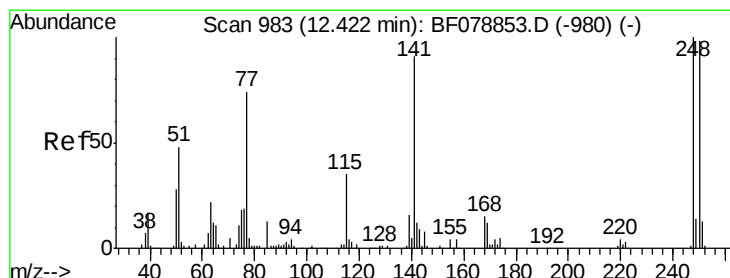
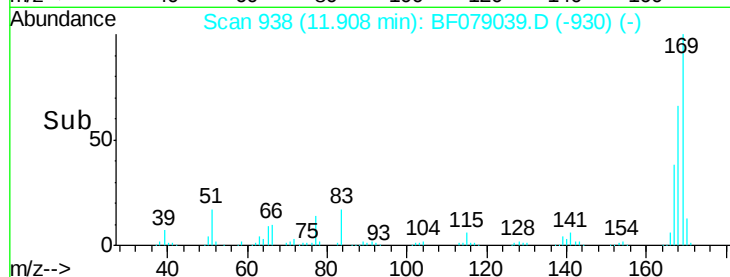
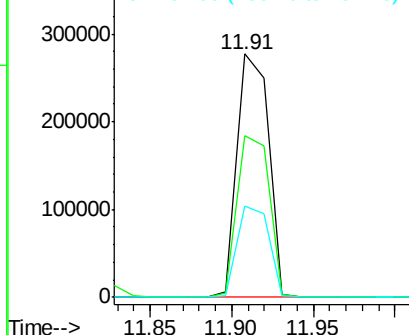
#65
 n-Nitrosodiphenylamine
 Concen: 43.03 ng
 RT: 11.91 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion:169 Resp: 368166
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.6 82.0
 167 37.6 30.6 45.8

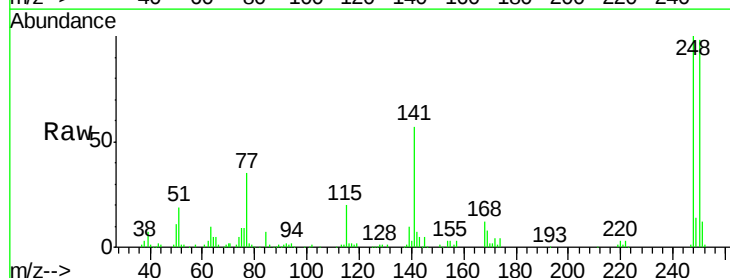


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

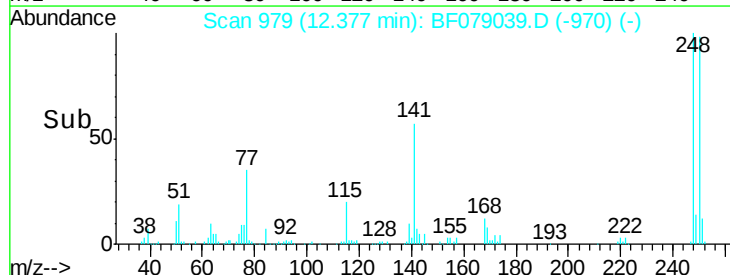
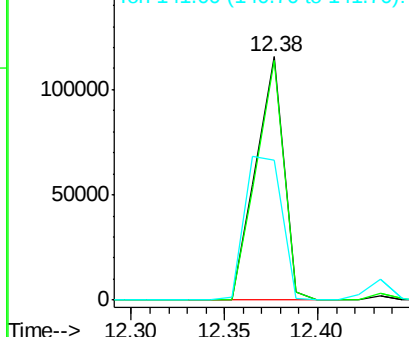


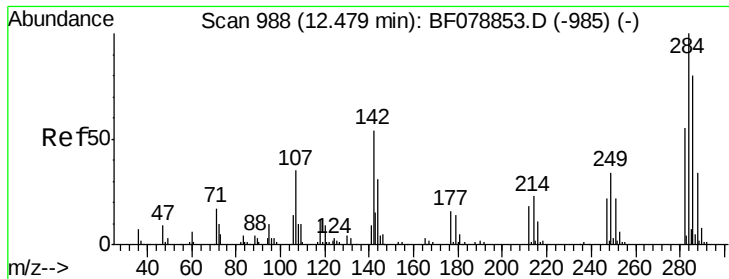
#66
 4-Bromophenyl-phenylether
 Concen: 44.87 ng
 RT: 12.38 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion:248 Resp: 120156
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.1 115.7
 141 57.3 58.8 88.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

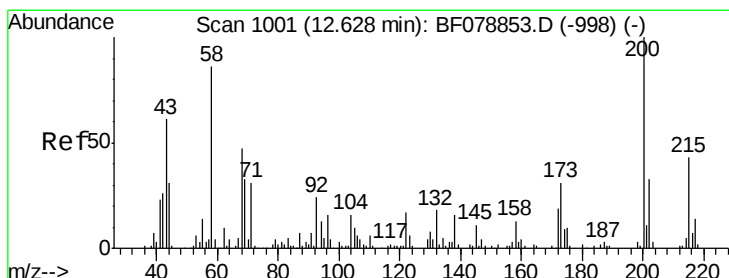
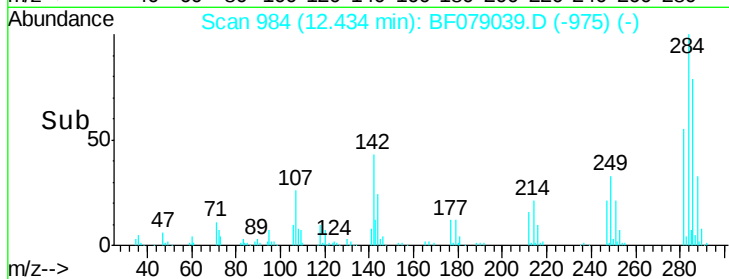
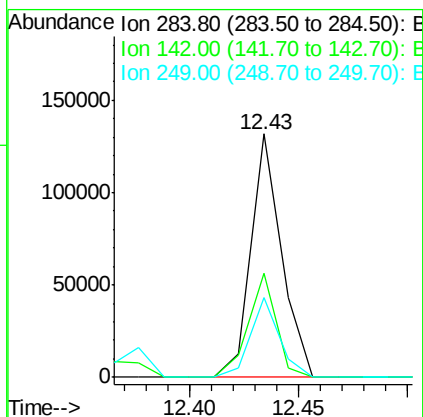
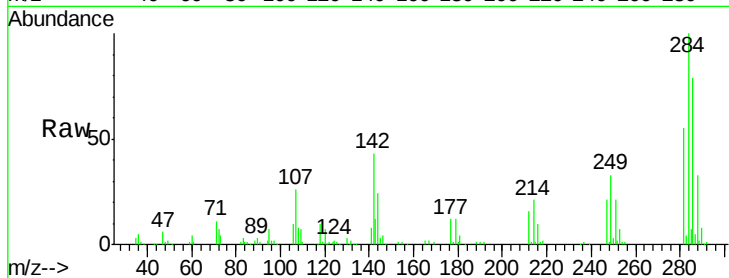




#67
Hexachlorobenzene
Concen: 42.07 ng
RT: 12.43 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

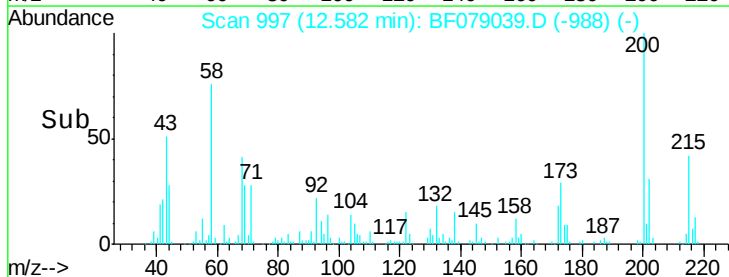
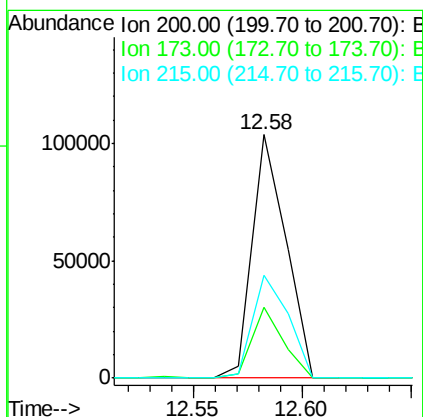
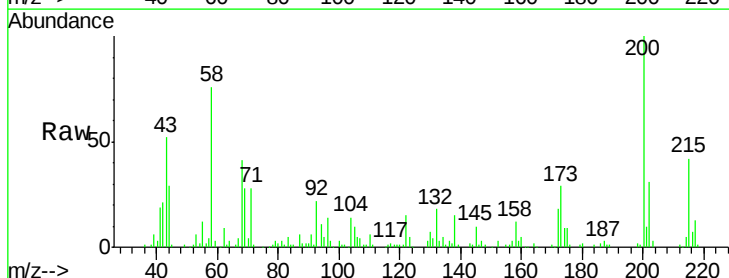
Instrument :
BNA_F
ClientSampleId :
PB83243BS

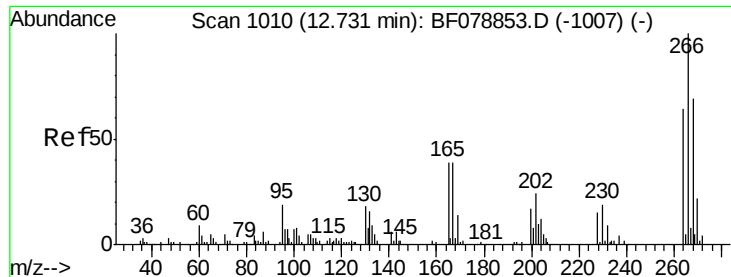
Tgt Ion: 284 Resp: 128764
Ion Ratio Lower Upper
284 100
142 42.8 35.2 52.8
249 33.0 25.4 38.2



#68
Atrazine
Concen: 45.01 ng
RT: 12.58 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

Tgt Ion: 200 Resp: 111995
Ion Ratio Lower Upper
200 100
173 29.3 8.1 48.1
215 42.1 22.9 62.9

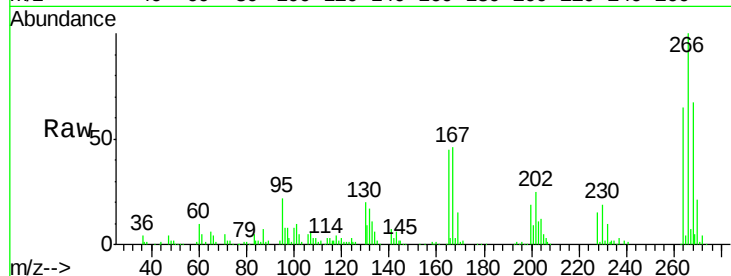




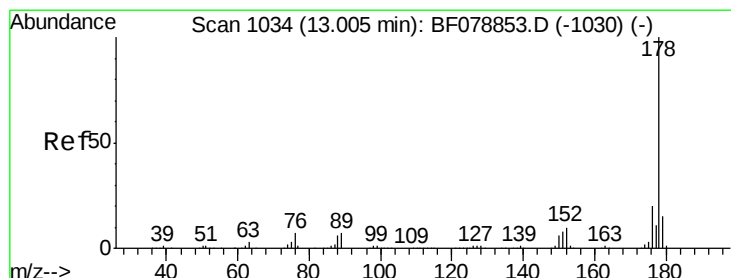
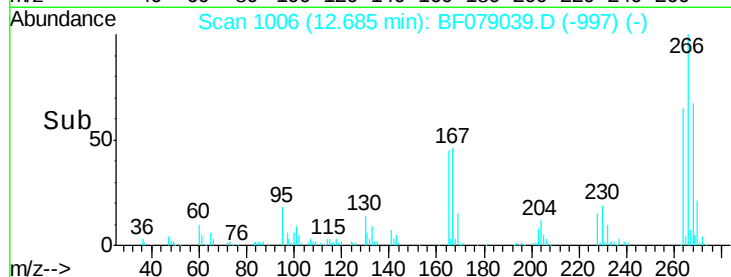
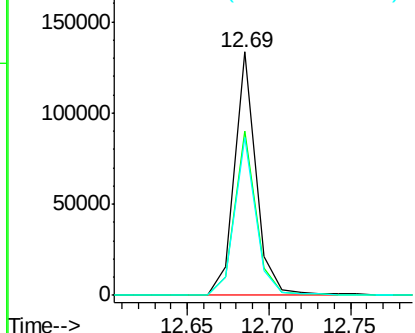
#69
 Pentachlorophenol
 Concen: 68.80 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion: 266 Resp: 121329
 Ion Ratio Lower Upper
 266 100
 268 67.2 55.0 82.6
 264 64.9 48.2 72.2

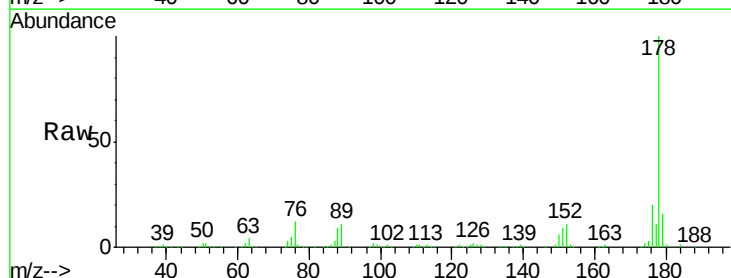


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

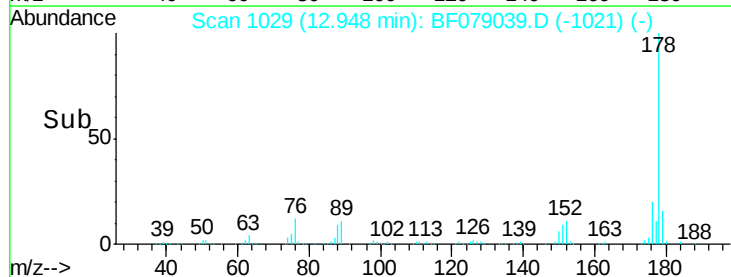
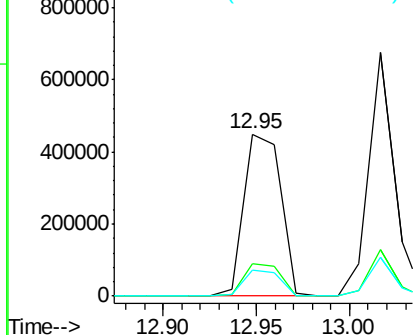


#70
 Phenanthrene
 Concen: 42.79 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion: 178 Resp: 615035
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 16.1 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

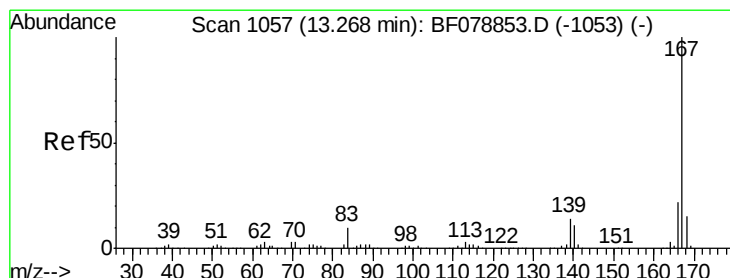
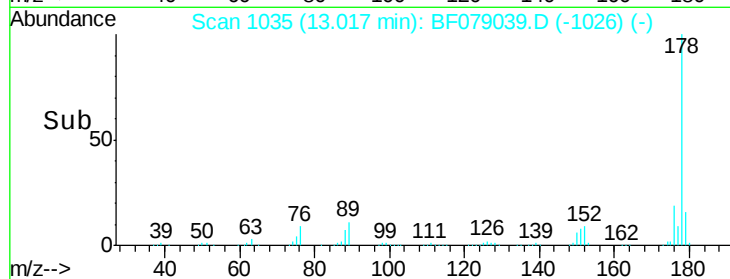
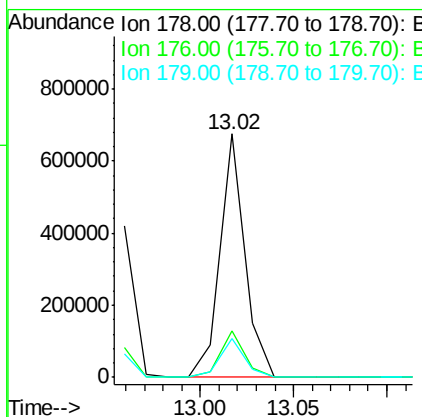
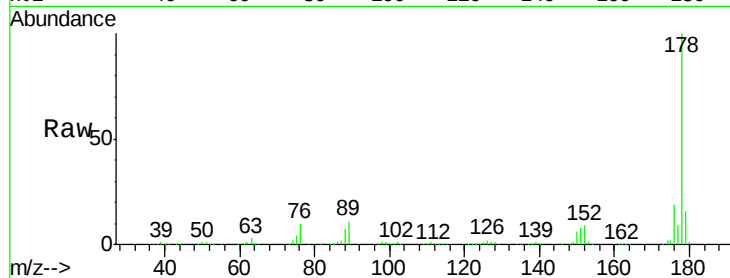




#71
 Anthracene
 Concen: 44.55 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

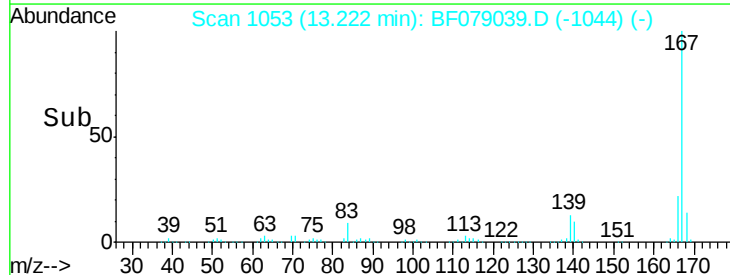
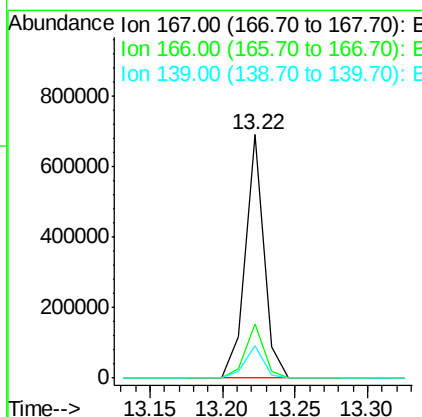
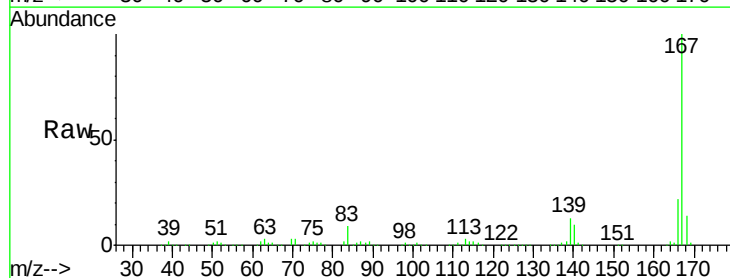
Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

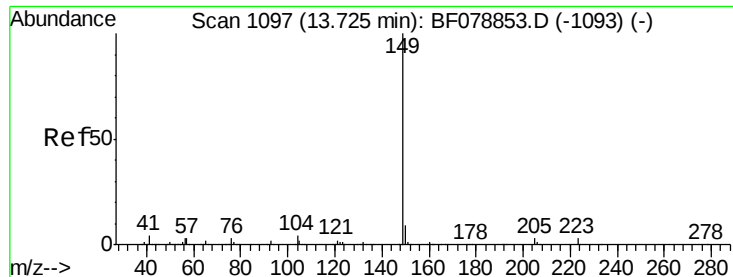
Tgt Ion:178 Resp: 628148
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 45.88 ng
 RT: 13.22 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion:167 Resp: 616594
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 13.3 10.6 16.0





#73

Di-n-butylphthalate

Concen: 45.44 ng

RT: 13.67 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

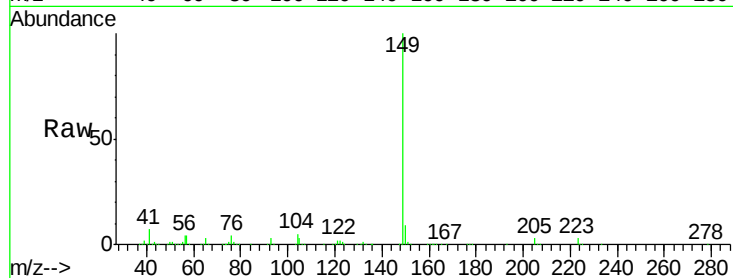
Tgt Ion:149 Resp: 732292

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

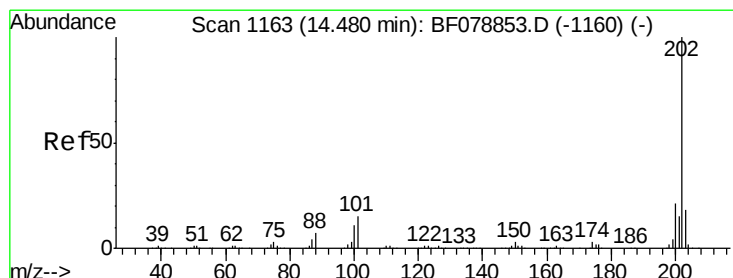
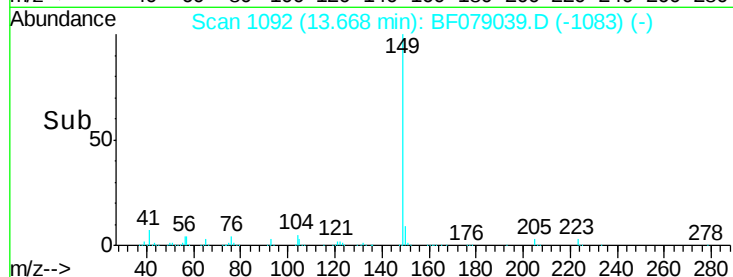
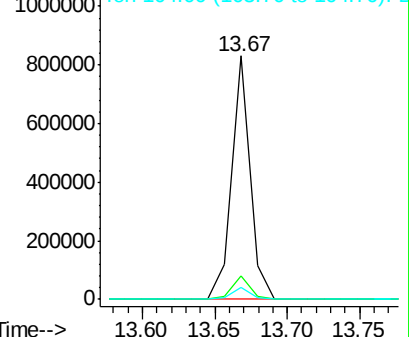
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.77 ng

RT: 14.43 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

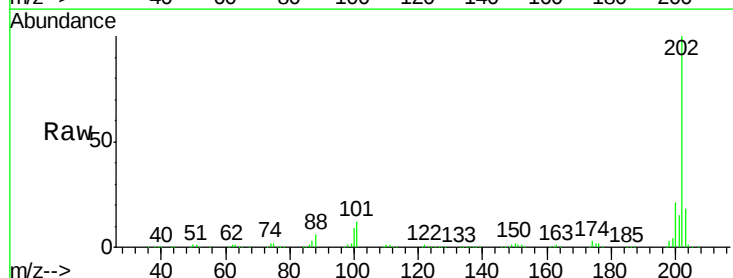
Tgt Ion:202 Resp: 670534

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.6

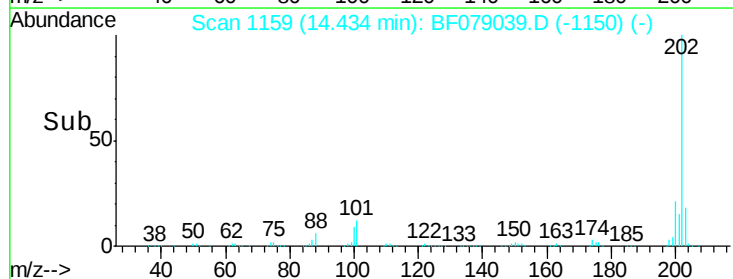
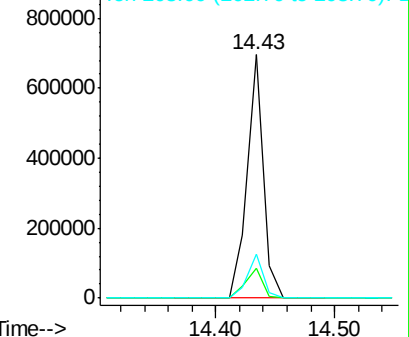
203 18.1 0.0 38.4

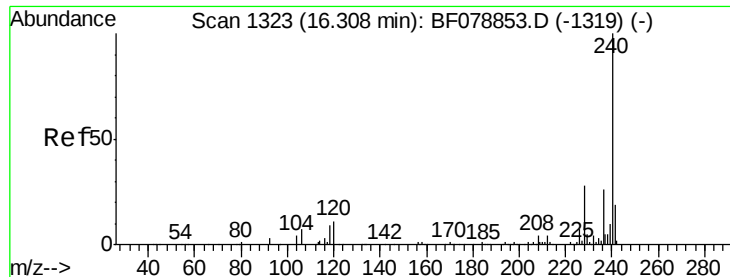


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

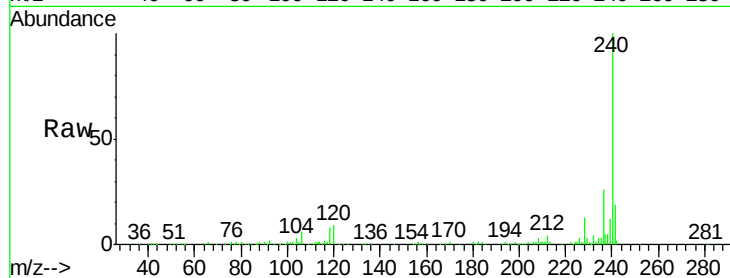
Tgt Ion:240 Resp: 251271

Ion Ratio Lower Upper

240 100

120 8.7 9.7 14.5#

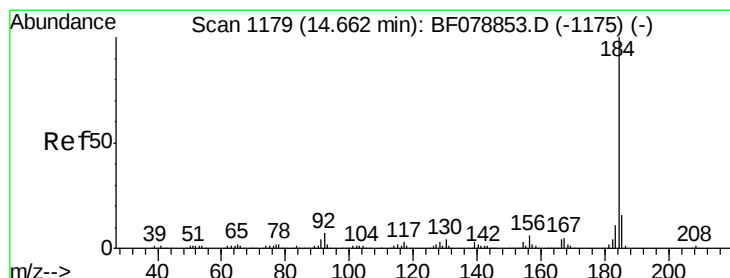
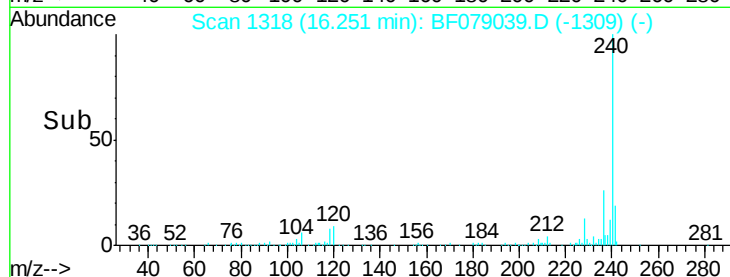
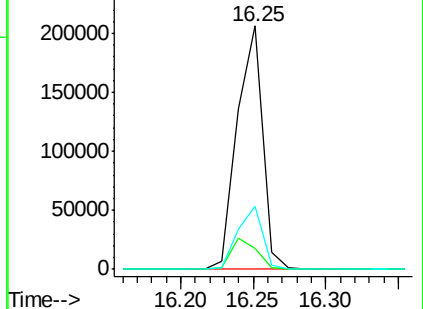
236 26.0 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.31 ng

RT: 14.61 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

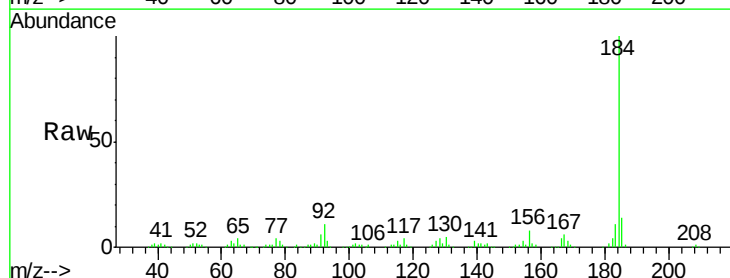
Tgt Ion:184 Resp: 327167

Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

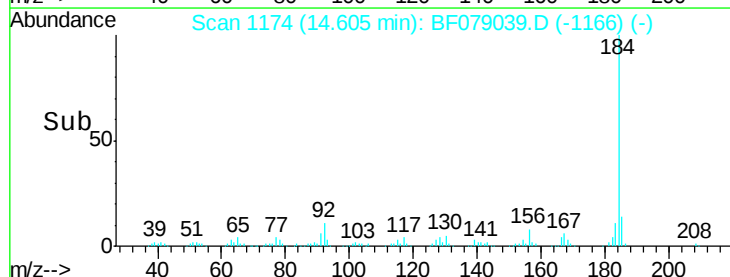
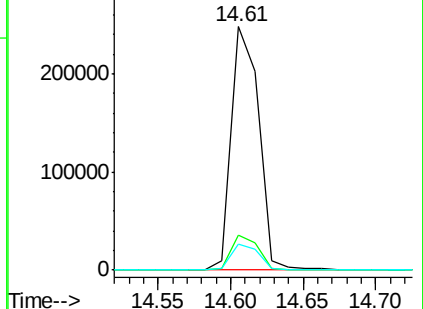
183 10.9 8.4 12.6

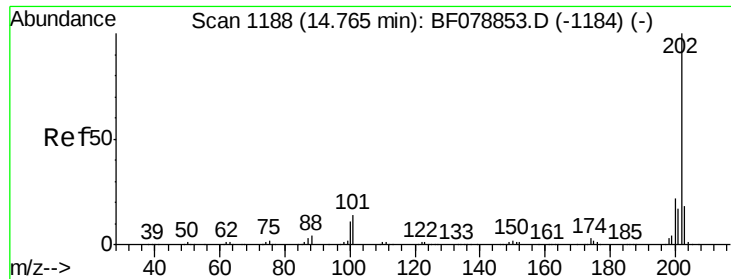


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

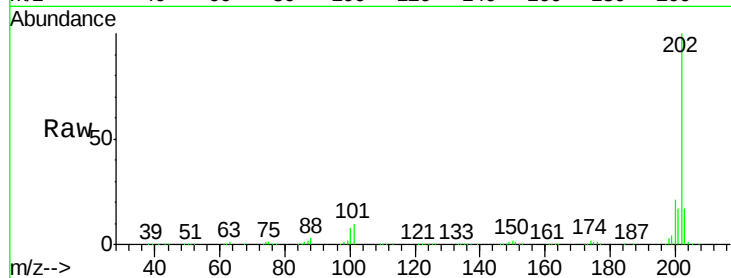




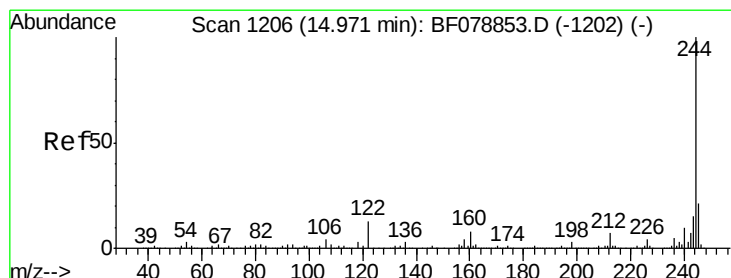
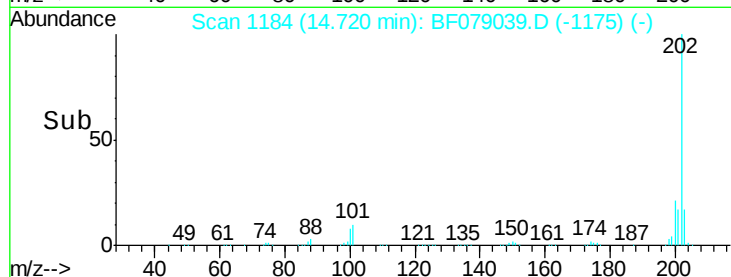
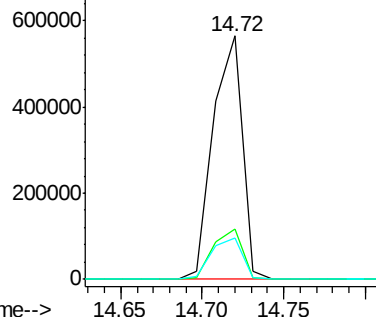
#77
 Pyrene
 Concen: 48.27 ng
 RT: 14.72 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.5	26.3
203	17.0	13.9	20.9

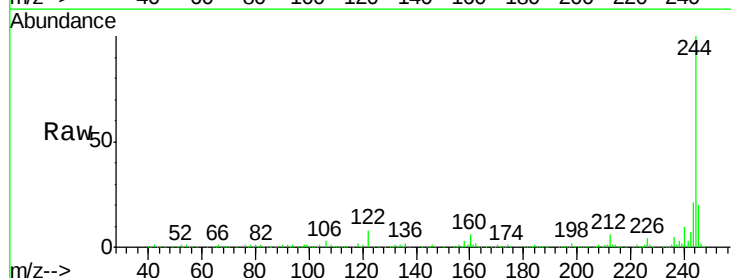


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

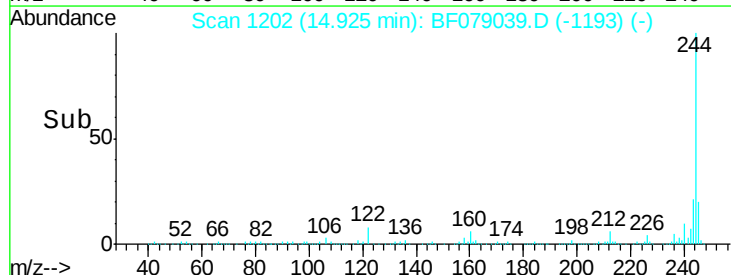
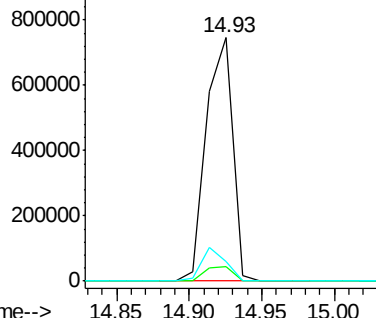


#78
 Terphenyl-d14
 Concen: 89.90 ng
 RT: 14.93 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	8.2	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: 49.55 ng

RT: 15.54 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

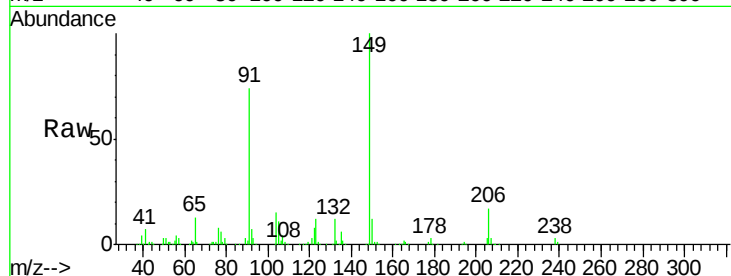
Tgt Ion:149 Resp: 313633

Ion Ratio Lower Upper

149 100

91 74.3 64.6 97.0

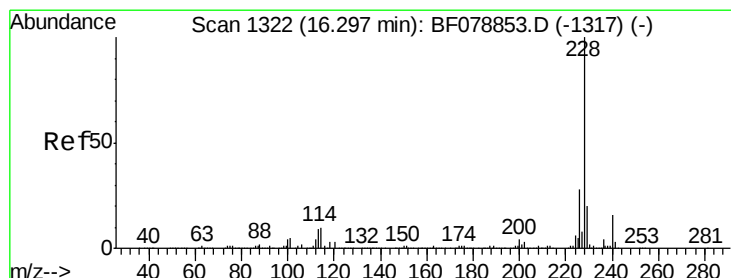
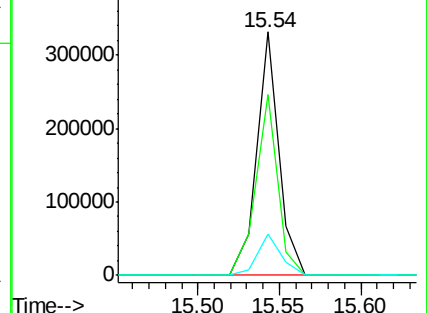
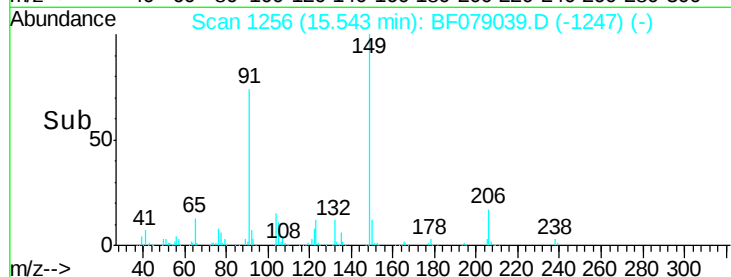
206 17.2 12.2 18.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.64 ng

RT: 16.23 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

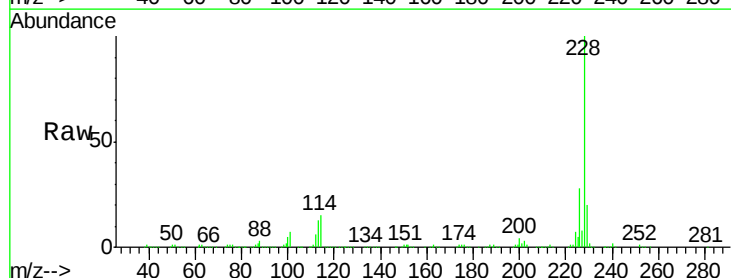
Tgt Ion:228 Resp: 641745

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

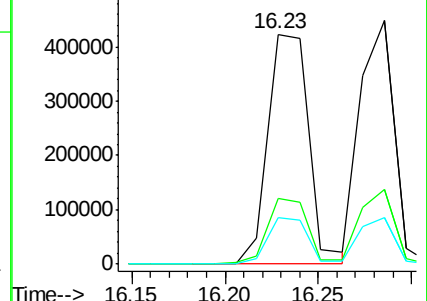
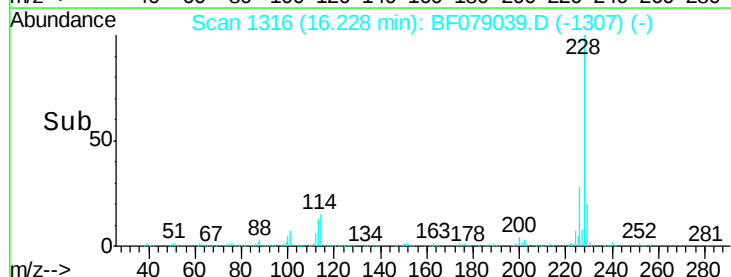
229 20.2 15.9 23.9



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

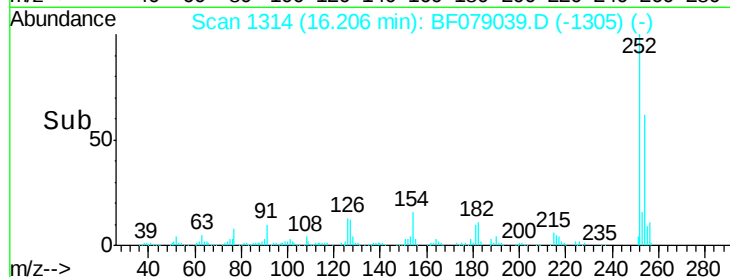
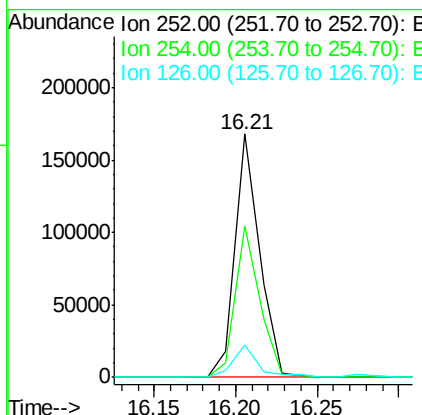
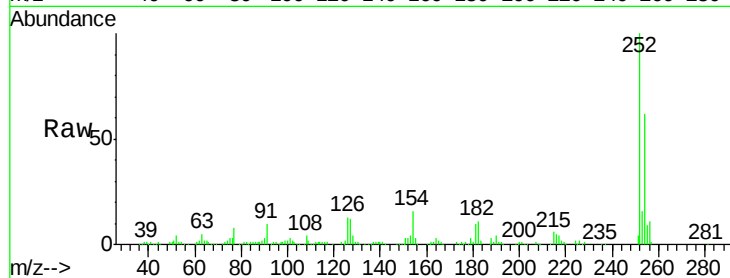




#81
 3,3'-Dichlorobenzidine
 Concen: 35.58 ng
 RT: 16.21 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

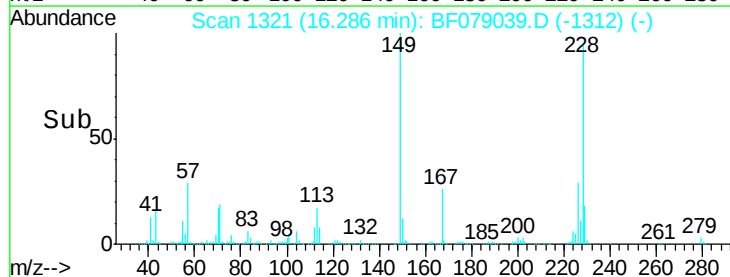
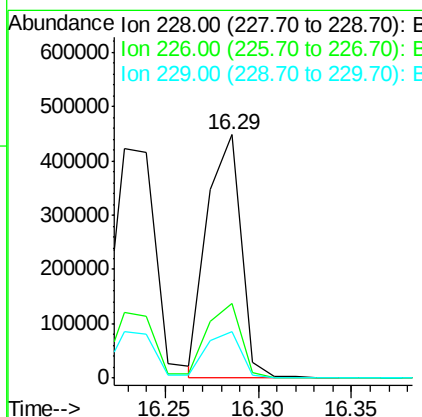
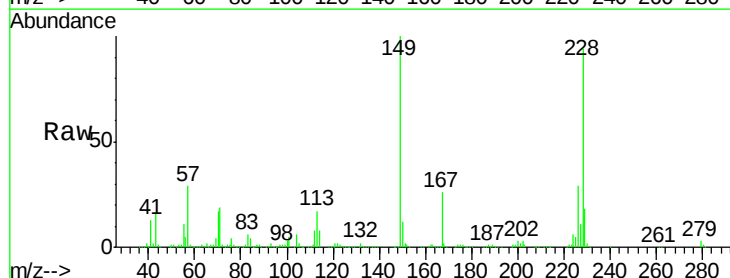
Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

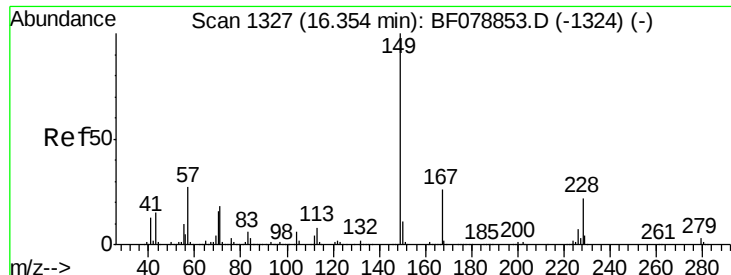
Tgt Ion: 252 Resp: 174406
 Ion Ratio Lower Upper
 252 100
 254 62.1 51.3 76.9
 126 13.4 6.6 10.0#



#82
 Chrysene
 Concen: 42.80 ng
 RT: 16.29 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion: 228 Resp: 566394
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.2 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.36 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

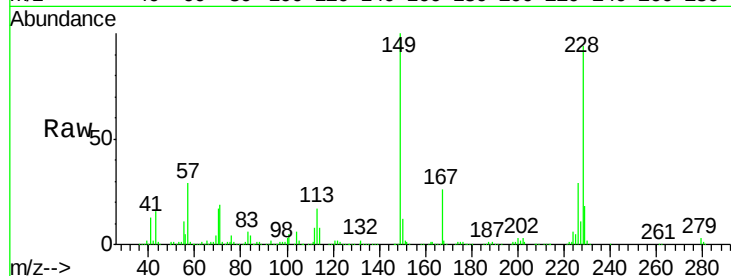
Tgt Ion:149 Resp: 473219

Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

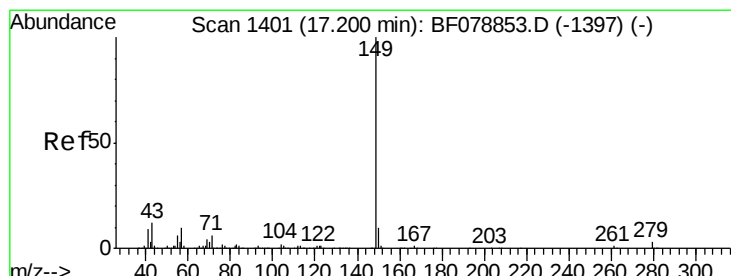
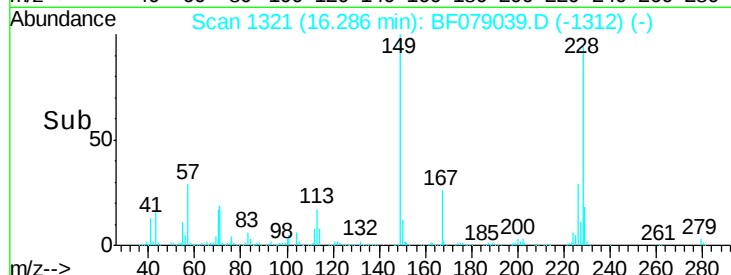
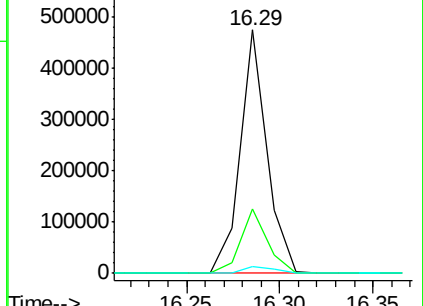
279 2.6 2.9 4.3#



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: 48.86 ng

RT: 17.13 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

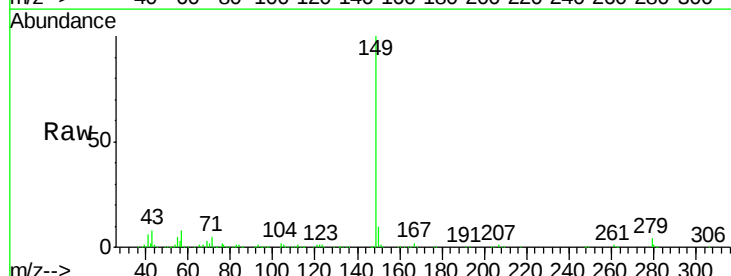
Tgt Ion:149 Resp: 824960

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

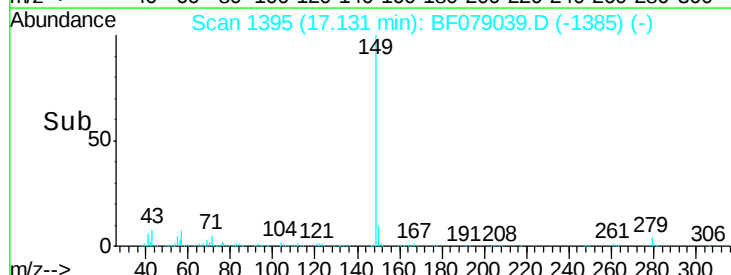
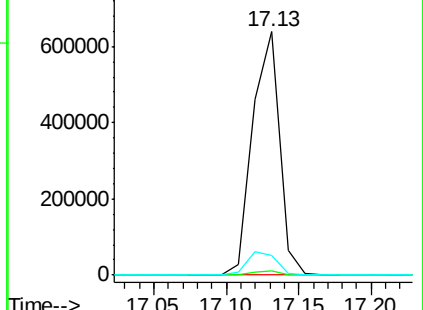
43 10.4 0.0 0.0#

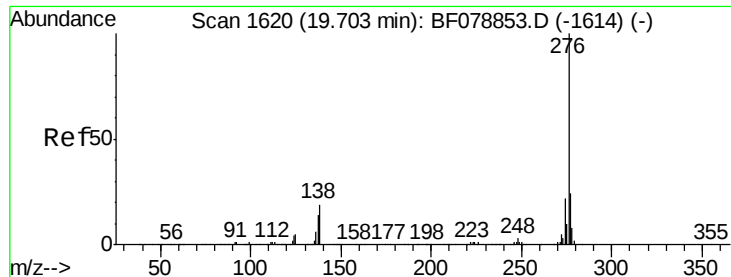


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

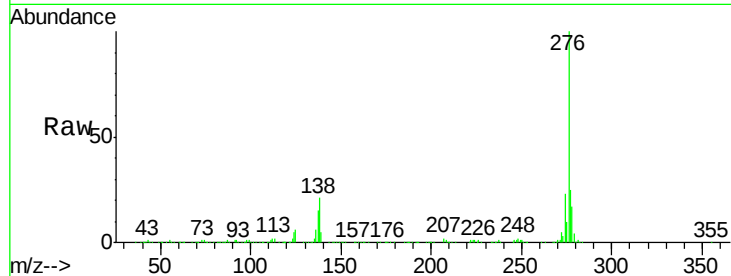




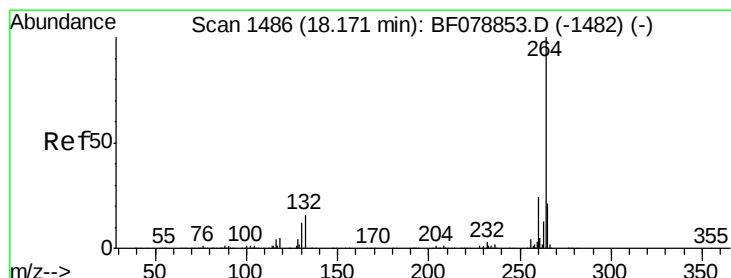
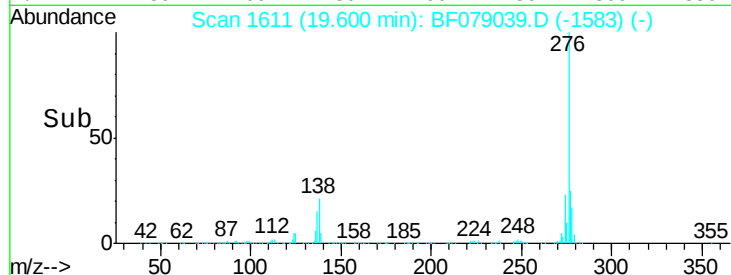
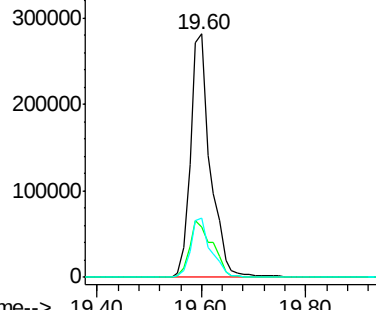
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.84 ng
 RT: 19.60 min Scan# 1611
 Delta R.T. 0.02 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BS

Tgt Ion: 276 Resp: 739212
 Ion Ratio Lower Upper
 276 100
 138 27.3 0.0 0.0#
 277 24.9 0.0 0.0#

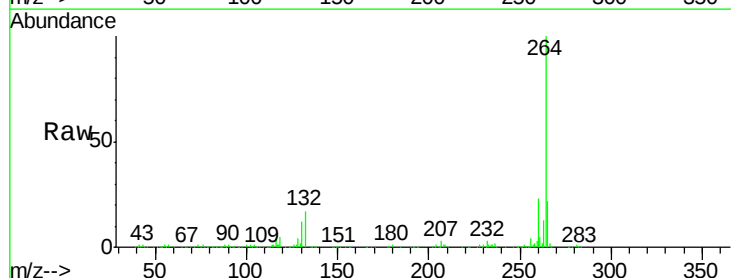


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

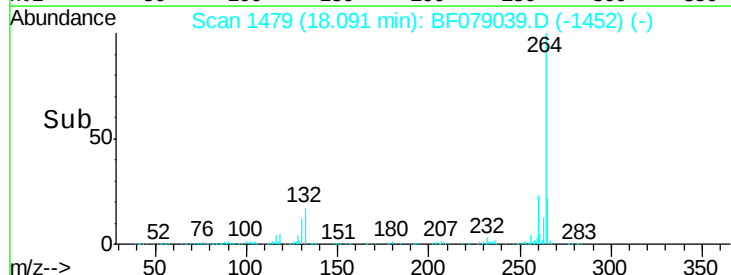
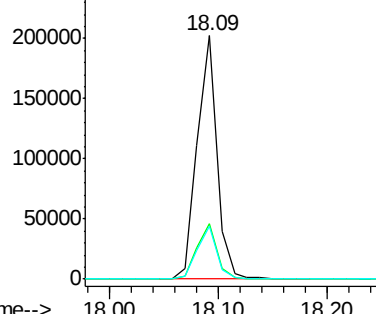


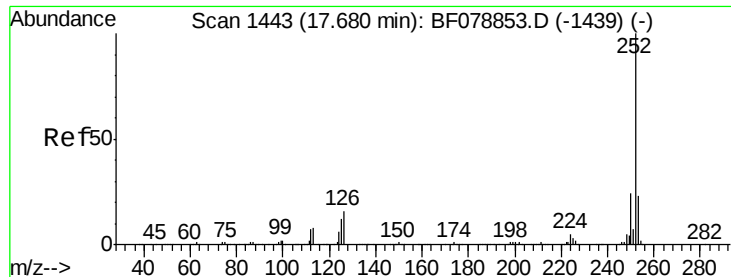
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.09 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF079039.D
 Acq: 8 May 2015 15:53

Tgt Ion: 264 Resp: 254269
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 21.8 18.3 27.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

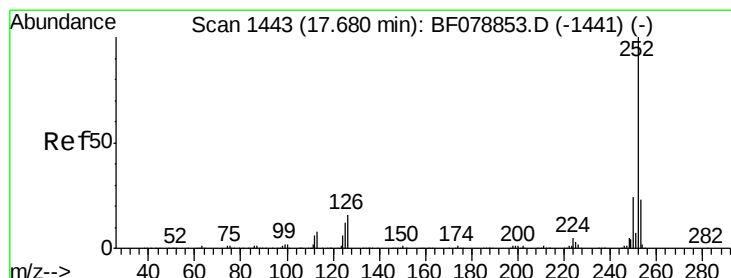
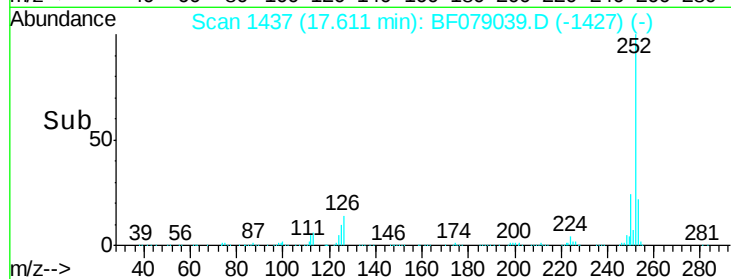
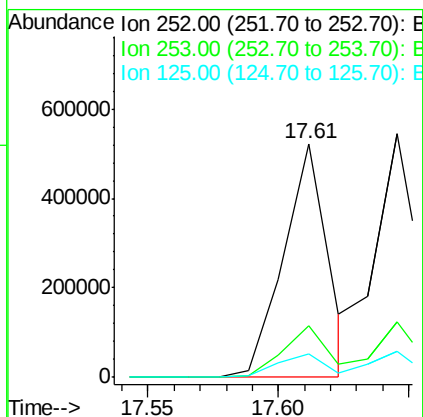
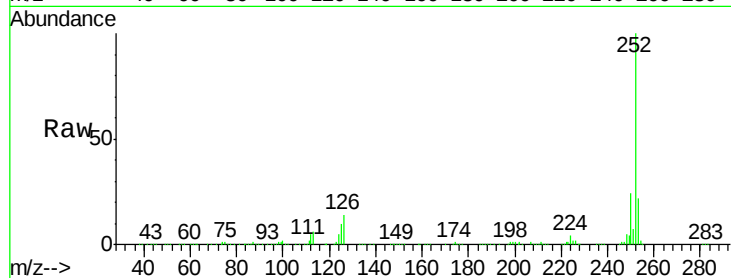




#87
Benzo(b)fluoranthene
Concen: 44.18 ng
RT: 17.61 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

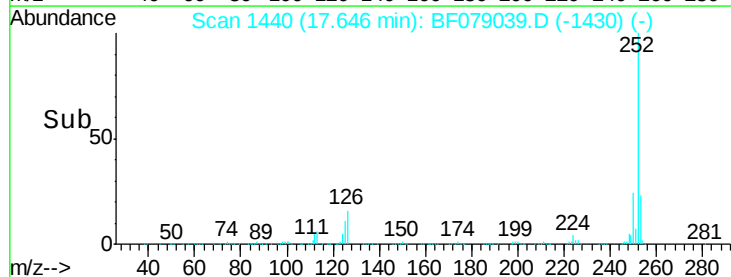
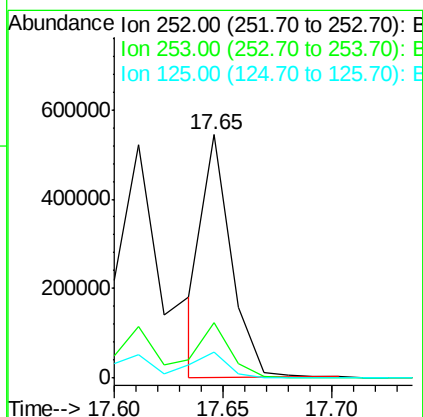
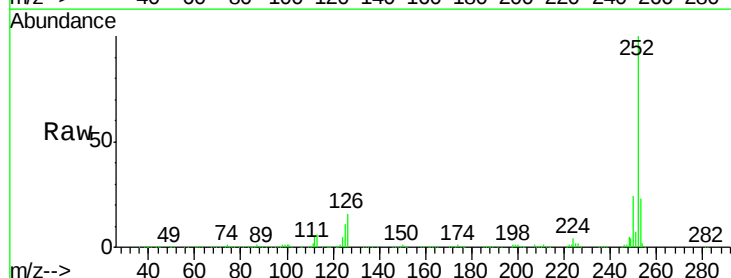
Instrument :
BNA_F
ClientSampleId :
PB83243BS

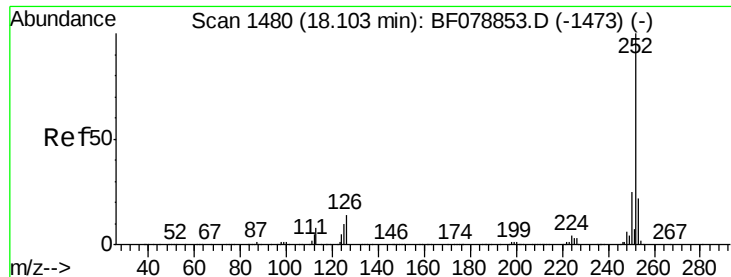
Tgt Ion: 252 Resp: 614812
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.9 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 36.41 ng
RT: 17.65 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF079039.D
Acq: 8 May 2015 15:53

Tgt Ion: 252 Resp: 490506
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.5 10.0 15.0





#89

Benzo(a)pyrene

Concen: 47.15 ng

RT: 18.02 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

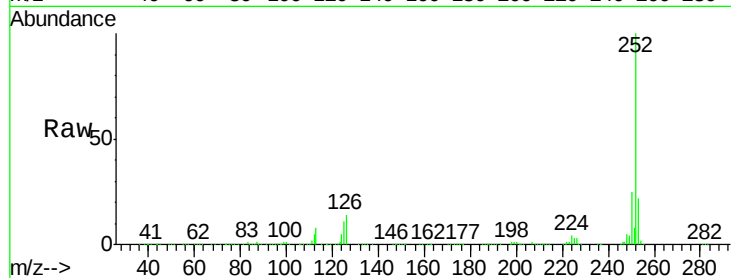
Tgt Ion:252 Resp: 604237

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

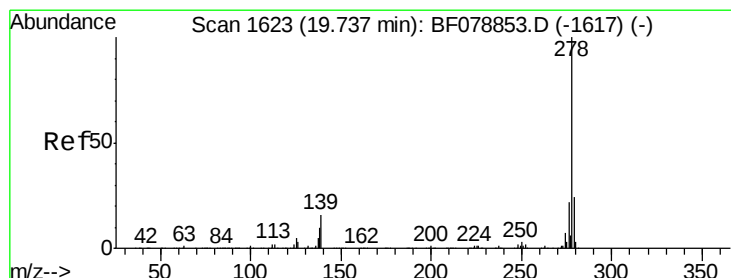
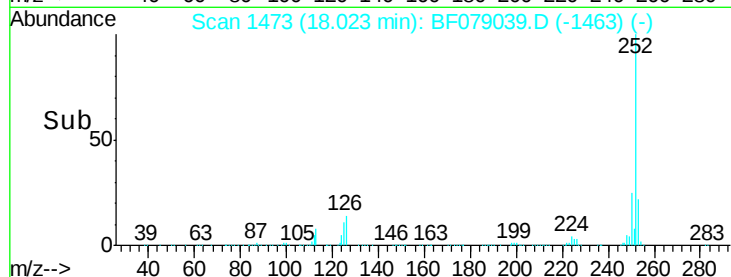
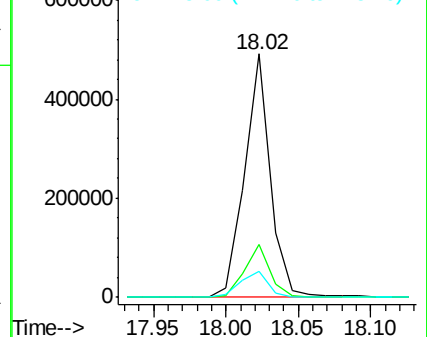
125 10.5 7.0 10.6



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: 43.42 ng

RT: 19.62 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

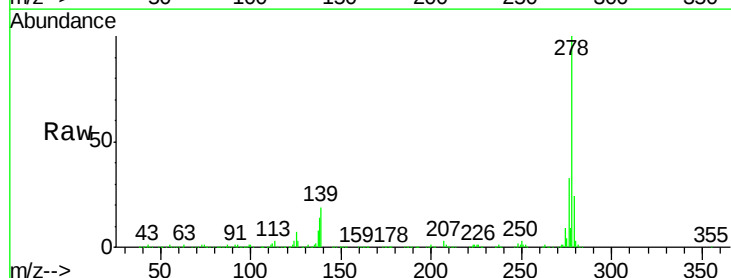
Tgt Ion:278 Resp: 591319

Ion Ratio Lower Upper

278 100

139 19.1 12.8 19.2

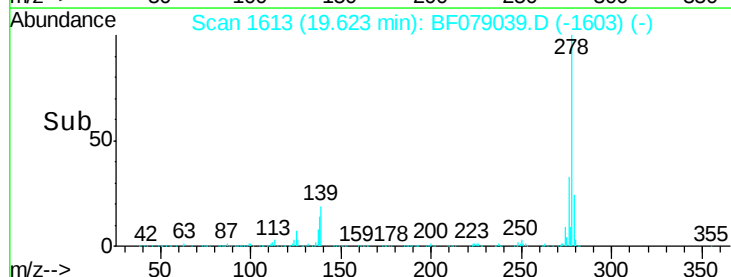
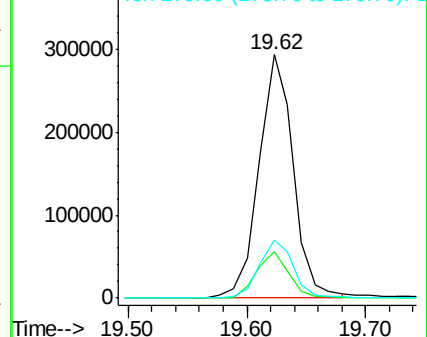
279 23.9 19.6 29.4

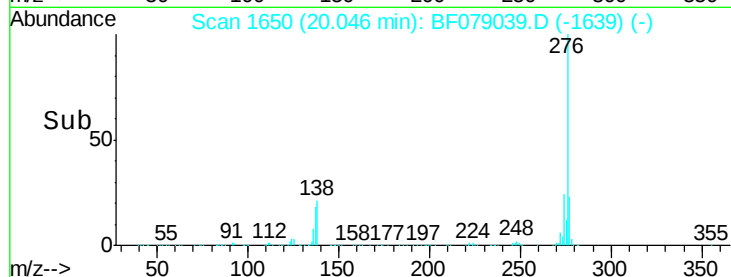
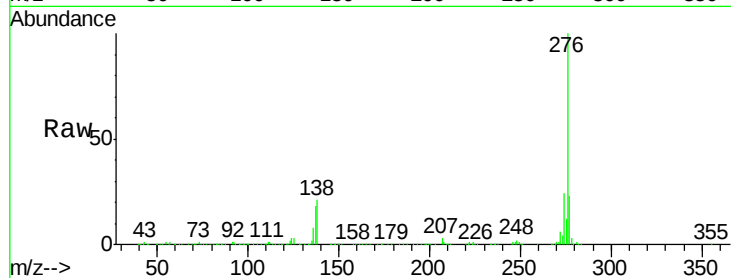
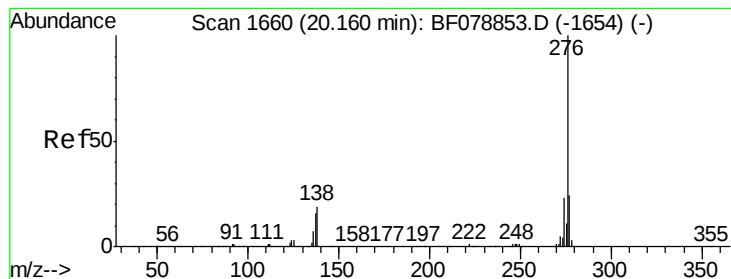


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.37 ng

RT: 20.05 min Scan# 1650

Delta R.T. 0.02 min

Lab File: BF079039.D

Acq: 8 May 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83243BS

Tgt Ion: 276 Resp: 605726

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 21.1 17.4 26.0

