

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050815\
 Data File : BF079053.D
 Acq On : 8 May 2015 22:33
 Operator : TP/IZ
 Sample : PB83154BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Quant Time: May 13 13:51:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	84775	20.00	ng	-0.05
21) Naphthalene-d8	8.90	136	350020	20.00	ng	-0.05
38) Acenaphthene-d10	11.07	164	174099	20.00	ng	-0.06
63) Phenanthrene-d10	12.93	188	332597	20.00	ng	-0.05
75) Chrysene-d12	16.22	240	321242	20.00	ng	-0.08
86) Perylene-d12	17.95	264	321523	20.00	ng	-0.16

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	553778	112.45	ng	-0.05
7) Phenol-d6	6.88	99	714211	109.71	ng	-0.05
23) Nitrobenzene-d5	8.01	82	393344	64.59	ng	-0.06
41) 2,4,6-Tribromophenol	12.06	330	203972	108.30	ng	-0.06
44) 2-Fluorobiphenyl	10.24	172	796500	63.74	ng	-0.06
78) Terphenyl-d14	14.91	244	882866	65.80	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.31	88	70391	32.87	ng	# 29
3) Pyridine	3.05	79	216735	34.59	ng	97
4) n-Nitrosodimethylamine	2.97	42	90905	33.86	ng	87
6) Aniline	6.91	93	182132	19.82	ng	99
8) 2-Chlorophenol	7.05	128	202402	36.24	ng	96
9) Benzaldehyde	6.76	77	116698	26.61	ng	89
10) Phenol	6.90	94	273512	36.22	ng	91
11) bis(2-Chloroethyl)ether	7.00	93	184547	33.34	ng	96
12) 1,3-Dichlorobenzene	7.24	146	215820	34.38	ng	# 95
13) 1,4-Dichlorobenzene	7.35	146	214803	33.25	ng	96
14) 1,2-Dichlorobenzene	7.53	146	205514	34.17	ng	96
15) Benzyl Alcohol	7.50	79	168346	34.84	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.68	45	290293	34.27	ng	99
17) 2-Methylphenol	7.64	107	166530	37.05	ng	100
18) Hexachloroethane	7.94	117	74401	33.43	ng	# 87
19) n-Nitroso-di-n-propylamine	7.84	70	142418	32.39	ng	# 82
20) 3+4-Methylphenols	7.84	107	222753	37.19	ng	# 48
22) Acetophenone	7.83	105	287072	36.30	ng	96
24) Nitrobenzene	8.03	77	204037	33.80	ng	97
25) Isophorone	8.33	82	374192	33.14	ng	100
26) 2-Nitrophenol	8.43	139	95984	38.42	ng	96
27) 2,4-Dimethylphenol	8.49	122	190123	38.03	ng	97
28) bis(2-Chloroethoxy)methane	8.62	93	233900	33.60	ng	100
29) 2,4-Dichlorophenol	8.73	162	168203	37.83	ng	94
30) 1,2,4-Trichlorobenzene	8.83	180	167486	34.29	ng	99
31) Naphthalene	8.92	128	593102	35.56	ng	99
32) Benzoic acid	8.59	122	95168	32.70	ng	96
33) 4-Chloroaniline	8.99	127	123845	17.55	ng	98
34) Hexachlorobutadiene	9.07	225	90614	32.22	ng	97
35) Caprolactam	9.43	113	54169	37.68	ng	88
36) 4-Chloro-3-methylphenol	9.60	107	175264	37.53	ng	97
37) 2-Methylnaphthalene	9.78	142	402957	34.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	157858	32.19	ng	# 100
40) Hexachlorocyclopentadiene	9.98	237	164963	66.91	ng	96

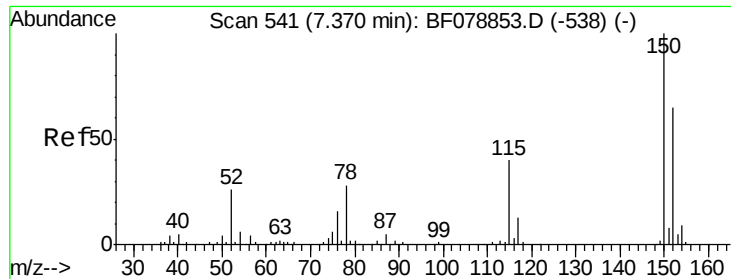
Data Path : Z:\HPCHEM1\BNA_F\Data\BF050815\
 Data File : BF079053.D
 Acq On : 8 May 2015 22:33
 Operator : TP/IZ
 Sample : PB83154BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Quant Time: May 13 13:51:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	115701	34.32	ng	95
43) 2,4,5-Trichlorophenol	10.18	196	122698	36.00	ng	# 91
45) 1,1'-Biphenyl	10.36	154	484895	35.03	ng	98
46) 2-Chloronaphthalene	10.39	162	369764	34.25	ng	97
47) 2-Nitroaniline	10.51	65	108085	34.55	ng	99
48) Acenaphthylene	10.90	152	611968	34.52	ng	99
49) Dimethylphthalate	10.75	163	442412	34.62	ng	100
50) 2,6-Dinitrotoluene	10.82	165	86486	34.30	ng	97
51) Acenaphthene	11.12	154	354130	33.50	ng	97
52) 3-Nitroaniline	11.03	138	74698	23.71	ng	# 98
53) 2,4-Dinitrophenol	11.16	184	60075	64.74	ng	# 77
54) Dibenzofuran	11.34	168	528116	34.59	ng	94
55) 4-Nitrophenol	11.24	139	184624	74.05	ng	94
56) 2,4-Dinitrotoluene	11.32	165	122375	36.71	ng	# 72
57) Fluorene	11.76	166	432804	34.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.48	232	96689	34.72	ng	# 100
59) Diethylphthalate	11.63	149	434833	34.35	ng	99
60) 4-Chlorophenyl-phenylether	11.76	204	185647	33.39	ng	90
61) 4-Nitroaniline	11.78	138	100416	31.87	ng	91
62) Azobenzene	11.95	77	423952	33.99	ng	93
64) 4,6-Dinitro-2-methylphenol	11.83	198	45287	36.30	ng	# 63
65) n-Nitrosodiphenylamine	11.91	169	365144	32.97	ng	98
66) 4-Bromophenyl-phenylether	12.36	248	116118	33.49	ng	# 81
67) Hexachlorobenzene	12.43	284	132976	33.56	ng	# 85
68) Atrazine	12.58	200	114103	35.42	ng	99
69) Pentachlorophenol	12.69	266	122594	55.20	ng	98
70) Phenanthrene	12.95	178	610144	32.79	ng	99
71) Anthracene	13.02	178	638016	34.95	ng	100
72) Carbazole	13.22	167	621938	35.75	ng	98
73) Di-n-butylphthalate	13.67	149	718709	34.45	ng	# 98
74) Fluoranthene	14.43	202	658486	33.96	ng	92
76) Benzidine	14.61	184	309015	35.69	ng	99
77) Pyrene	14.71	202	678026	36.63	ng	99
79) Butylbenzylphthalate	15.53	149	307248	37.97	ng	93
80) Benzo(a)anthracene	16.21	228	614699	34.94	ng	99
81) 3,3'-Dichlorobenzidine	16.18	252	152489	24.34	ng	100
82) Chrysene	16.25	228	553498	32.71	ng	99
83) Bis(2-ethylhexyl)phthalate	16.25	149	447796	36.54	ng	# 98
84) Di-n-octyl phthalate	17.05	149	774529	35.88	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.44	276	720523	33.42	ng	# 100
87) Benzo(b)fluoranthene	17.51	252	596983	33.92	ng	98
88) Benzo(k)fluoranthene	17.51	252	596983	35.04	ng	# 97
89) Benzo(a)pyrene	17.90	252	590333	36.43	ng	99
90) Dibenzo(a,h)anthracene	19.47	278	556792	32.33	ng	99
91) Benzo(g,h,i)perylene	19.89	276	554295	32.11	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. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

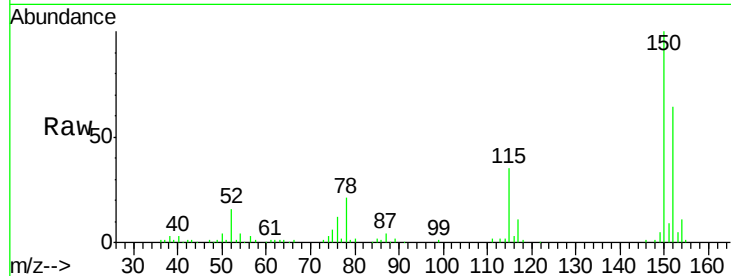
Tgt Ion:152 Resp: 84775

Ion Ratio Lower Upper

152 100

150 155.7 122.0 183.0

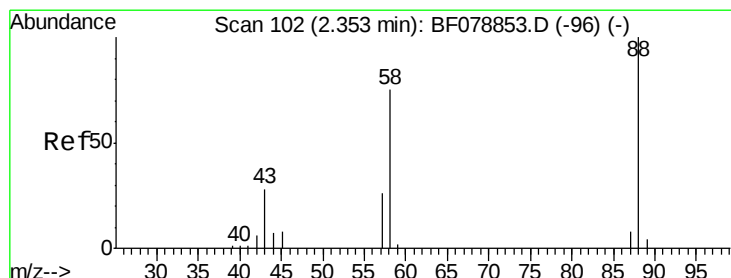
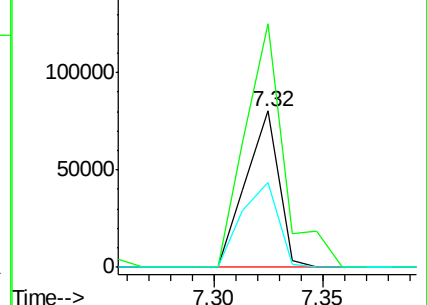
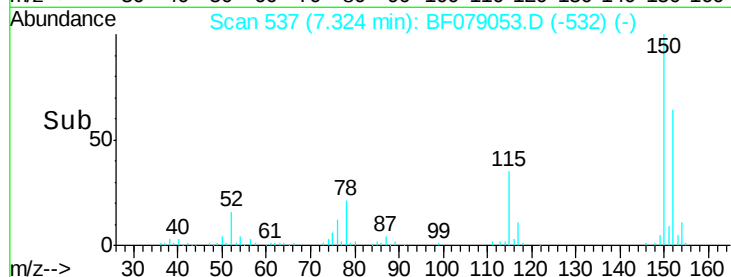
115 54.1 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.87 ng

RT: 2.31 min Scan# 98

Delta R.T. -0.03 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

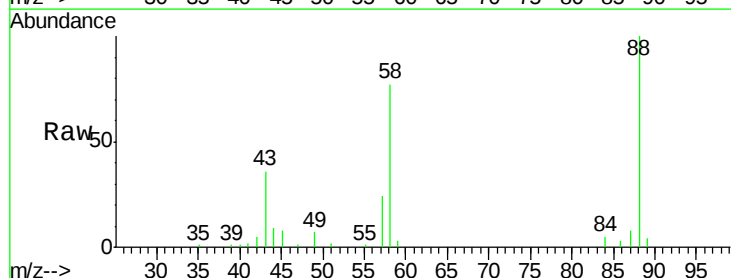
Tgt Ion: 88 Resp: 70391

Ion Ratio Lower Upper

88 100

58 77.7 0.0 0.0#

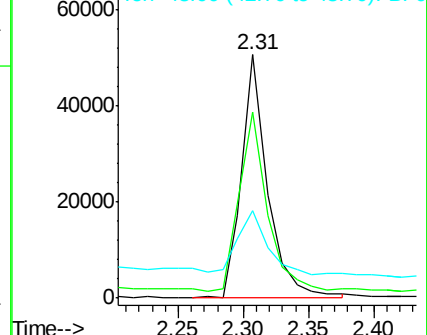
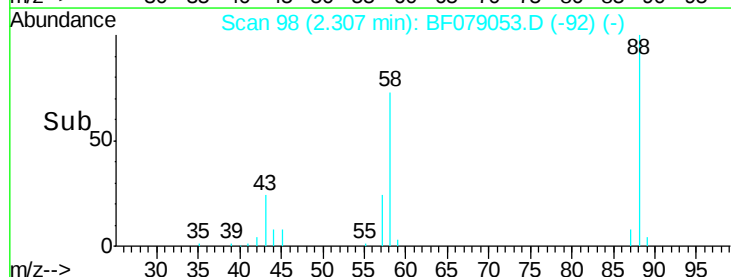
43 27.3 3.3 4.9#

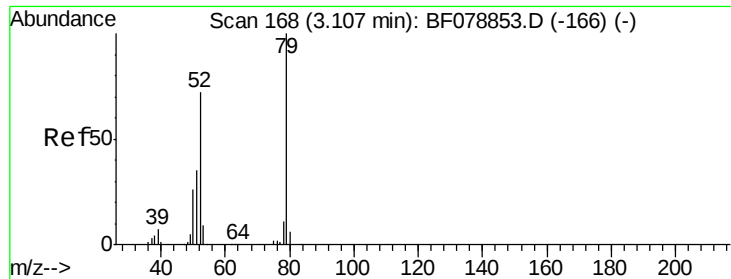


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.59 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

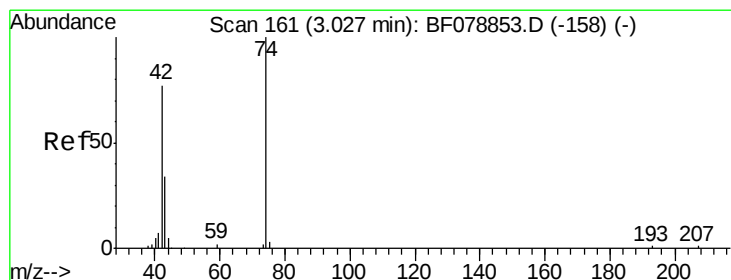
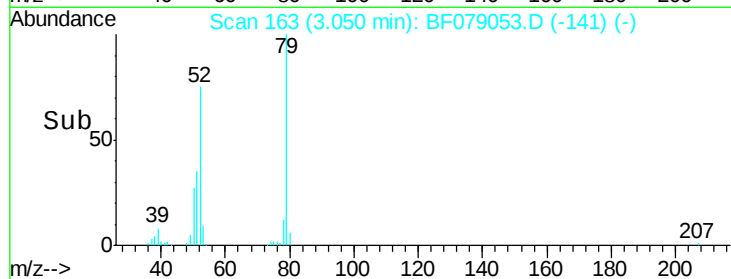
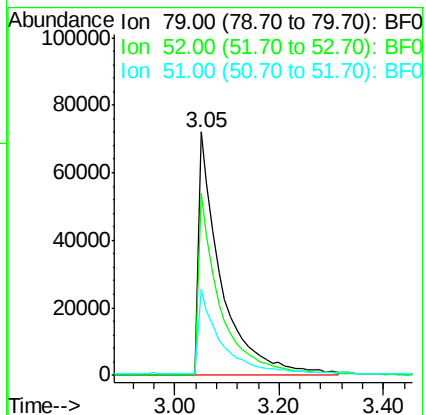
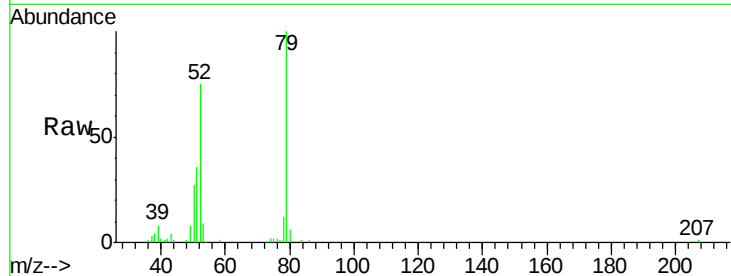
Tgt Ion: 79 Resp: 216735

Ion Ratio Lower Upper

79 100

52 74.8 57.2 85.8

51 35.6 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 33.86 ng

RT: 2.97 min Scan# 156

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

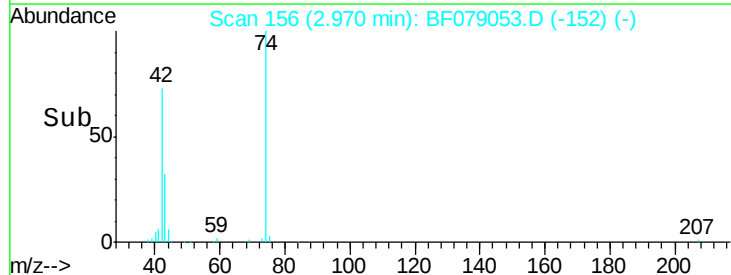
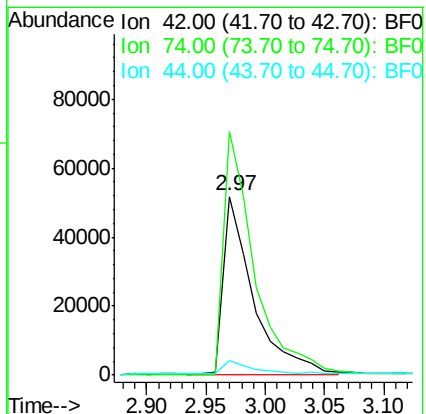
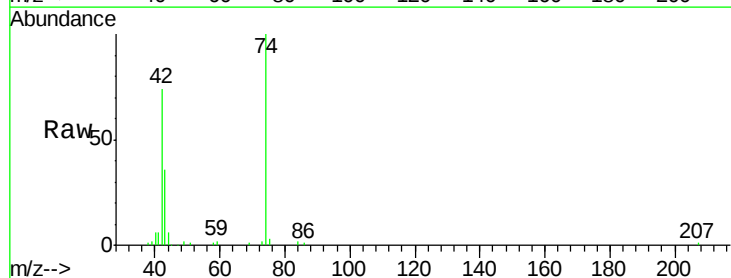
Tgt Ion: 42 Resp: 90905

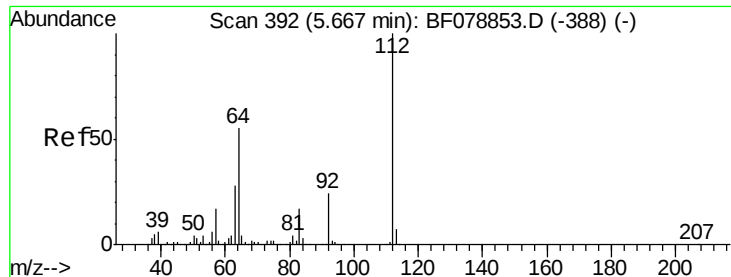
Ion Ratio Lower Upper

42 100

74 136.0 96.5 144.7

44 8.3 6.1 9.1





#5

2-Fluorophenol

Concen: 112.45 ng

RT: 5.62 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

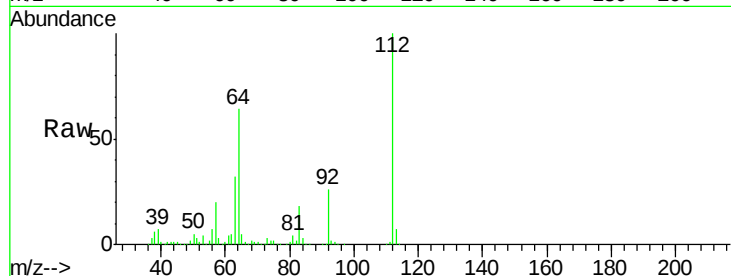
Tgt Ion: 112 Resp: 553778

Ion Ratio Lower Upper

112 100

64 63.7 53.5 80.3

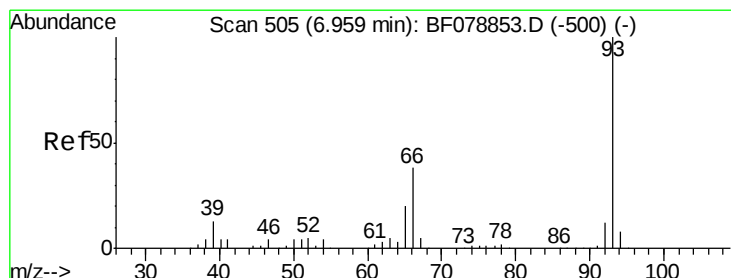
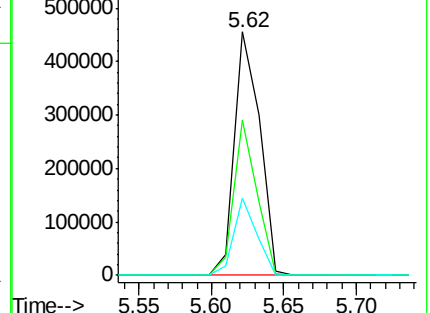
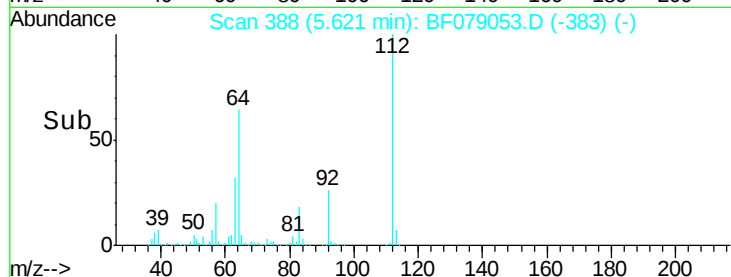
63 31.8 27.5 41.3



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: 19.82 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

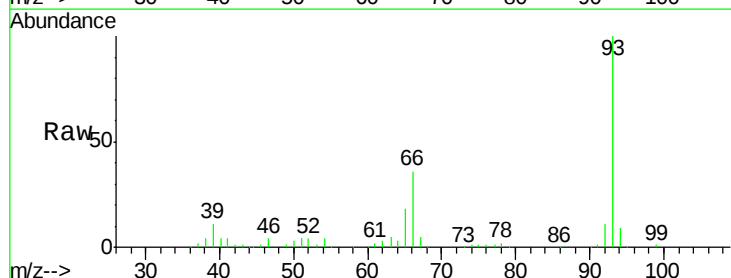
Tgt Ion: 93 Resp: 182132

Ion Ratio Lower Upper

93 100

66 36.3 29.7 44.5

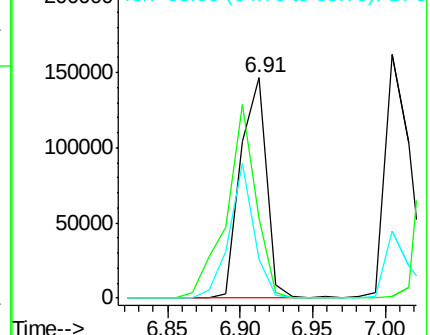
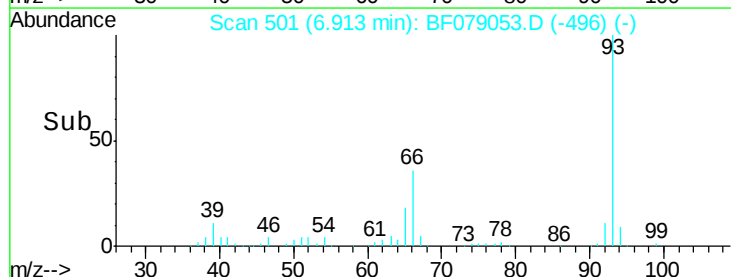
65 17.7 14.6 22.0

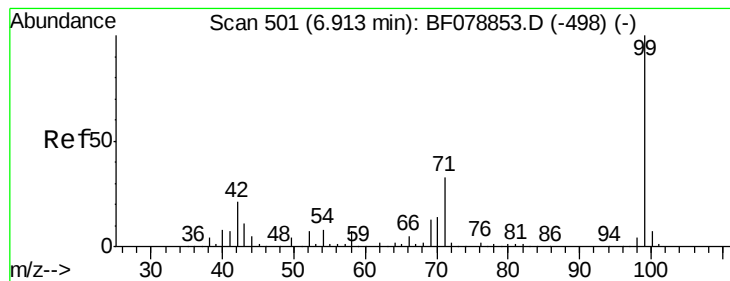


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.71 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

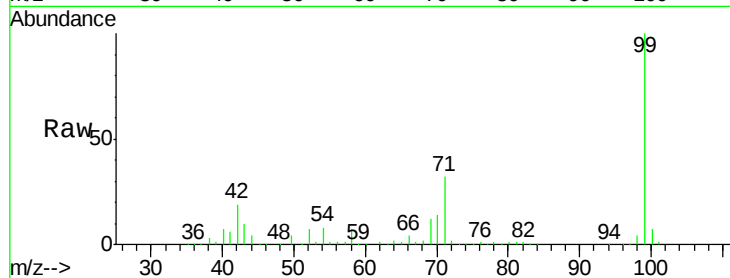
Tgt Ion: 99 Resp: 714211

Ion Ratio Lower Upper

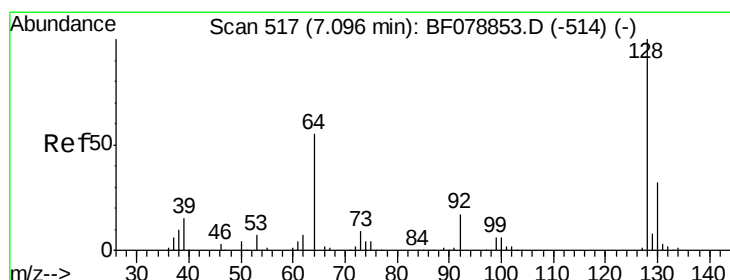
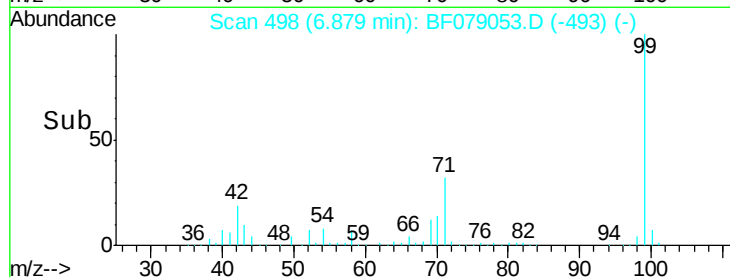
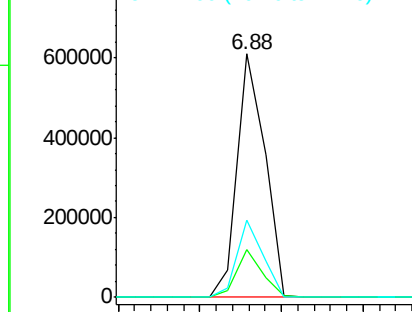
99 100

42 19.4 12.8 19.2#

71 31.9 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: 36.24 ng

RT: 7.05 min Scan# 513

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

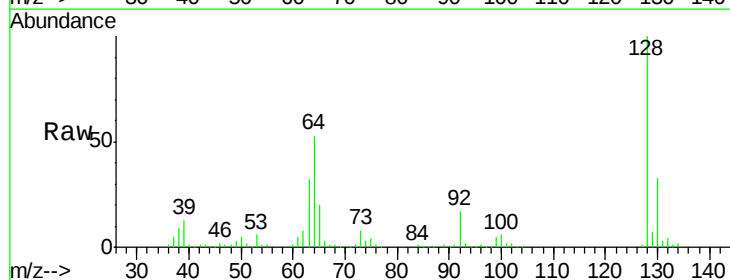
Tgt Ion: 128 Resp: 202402

Ion Ratio Lower Upper

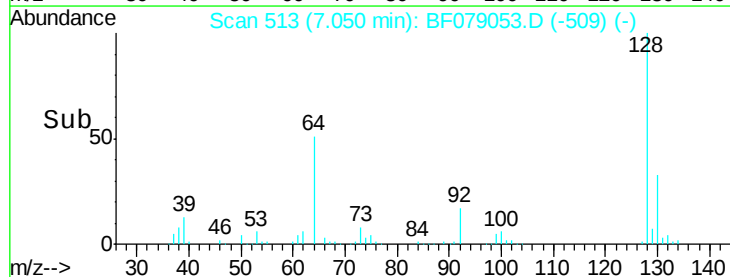
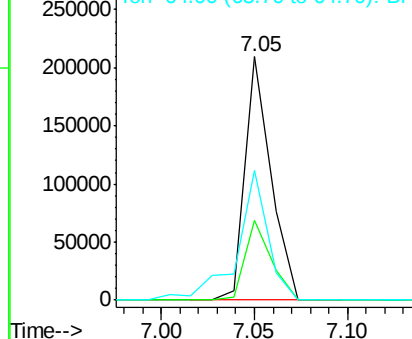
128 100

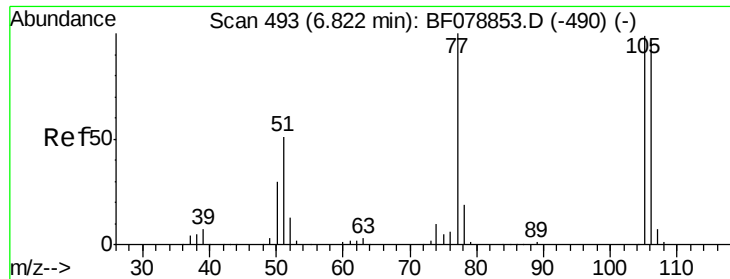
130 33.0 12.1 52.1

64 53.3 29.6 69.6



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





#9

Benzaldehyde

Concen: 26.61 ng

RT: 6.76 min Scan# 488

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

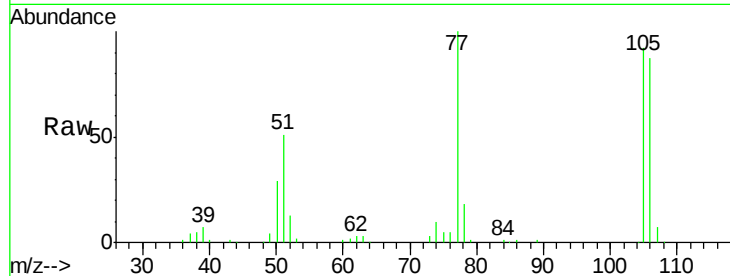
Tgt Ion: 77 Resp: 116698

Ion Ratio Lower Upper

77 100

105 91.6 81.7 121.7

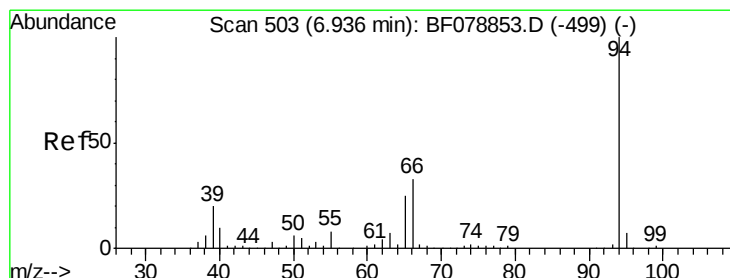
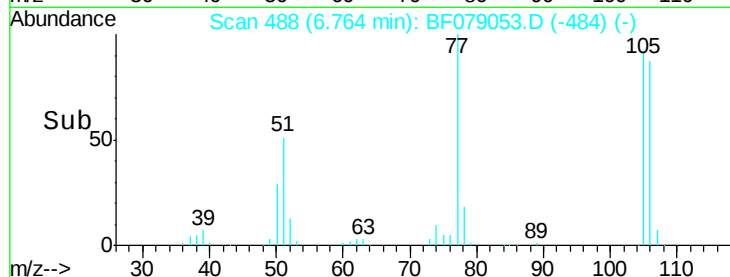
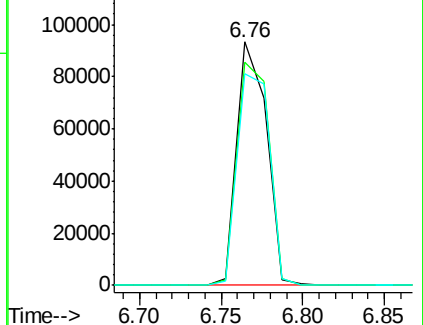
106 86.7 79.0 119.0



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: 36.22 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

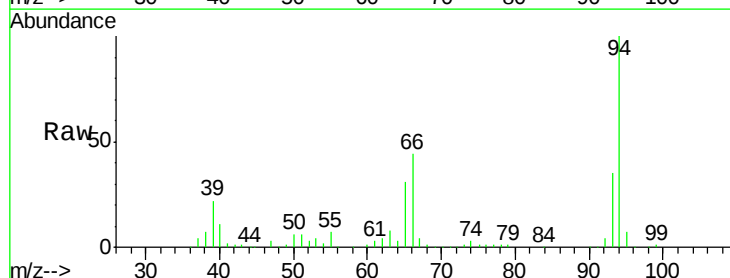
Tgt Ion: 94 Resp: 273512

Ion Ratio Lower Upper

94 100

65 30.6 8.5 48.5

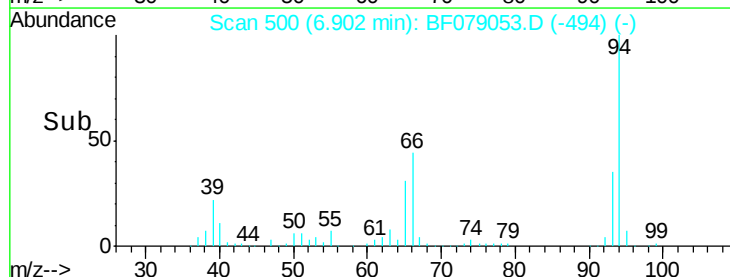
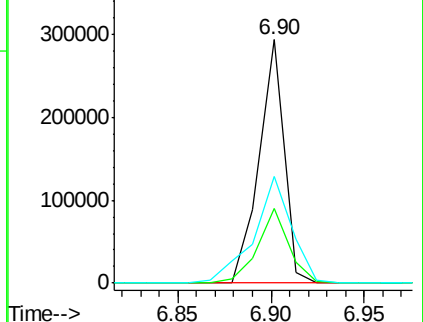
66 43.8 16.0 56.0

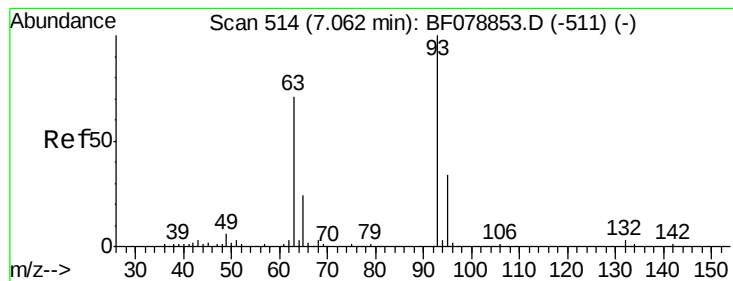


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.34 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

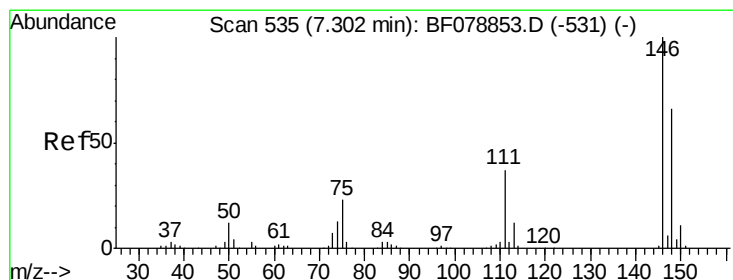
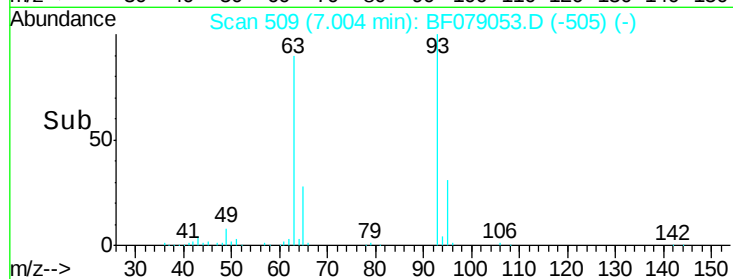
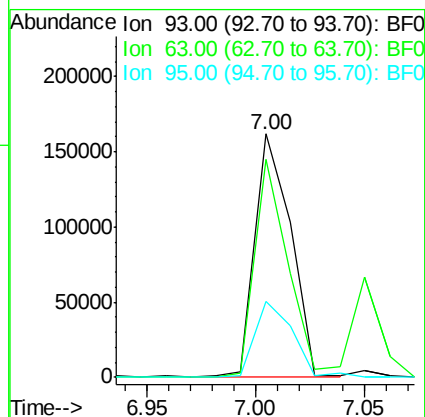
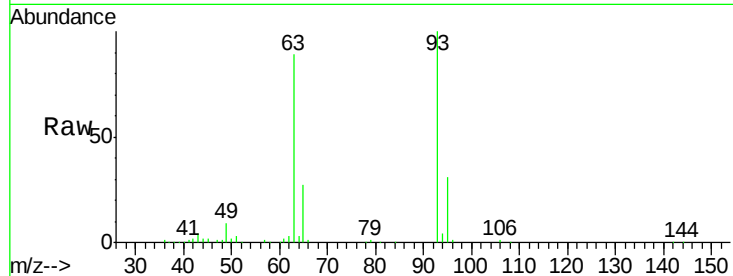
Tgt Ion: 93 Resp: 184547

Ion Ratio Lower Upper

93 100

63 89.3 64.8 104.8

95 31.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 34.38 ng

RT: 7.24 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

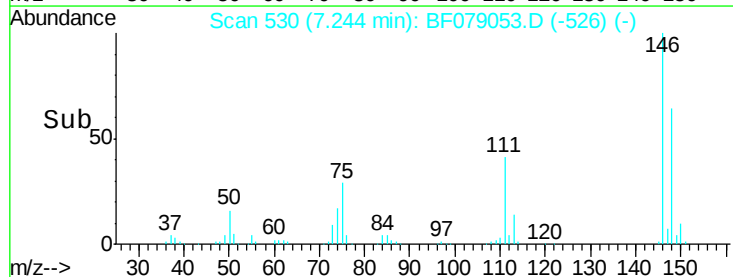
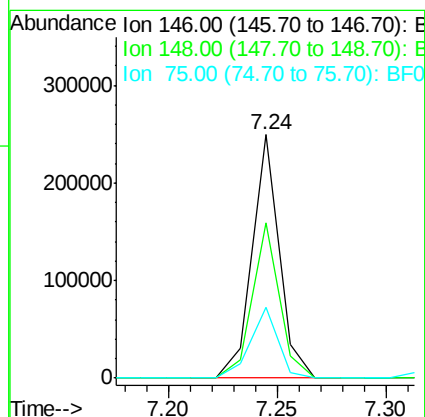
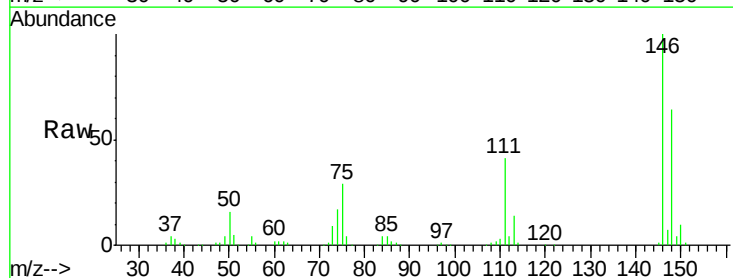
Tgt Ion: 146 Resp: 215820

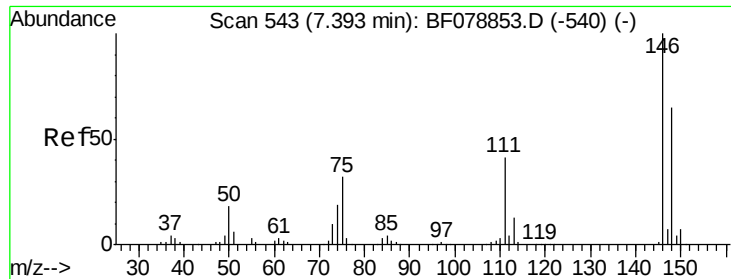
Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

75 29.1 29.2 43.8#

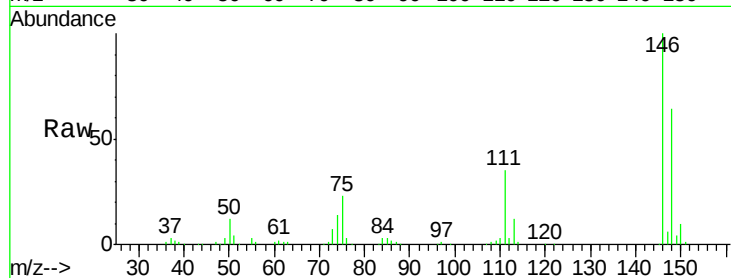




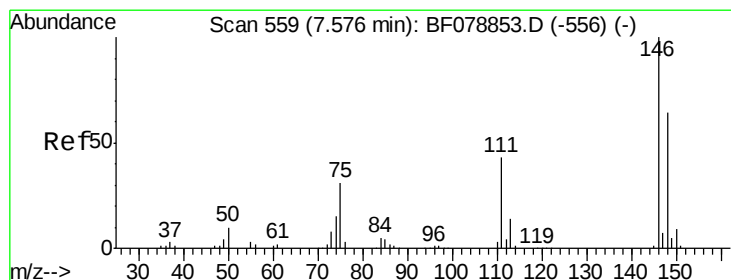
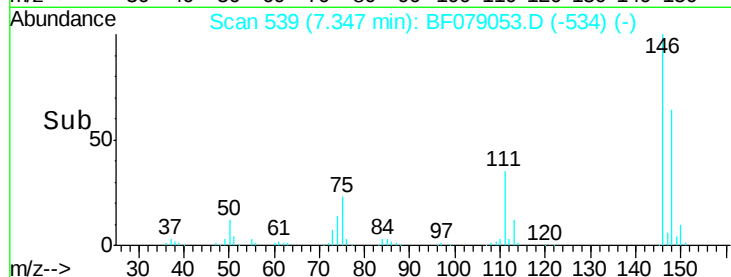
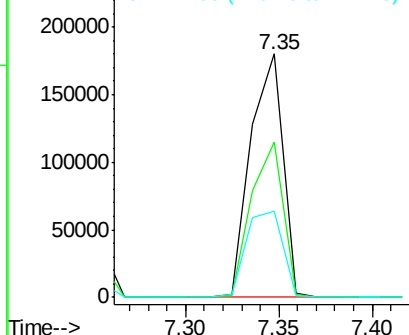
#13
 1,4-Dichlorobenzene
 Concen: 33.25 ng
 RT: 7.35 min Scan# 539
 Delta R.T. -0.05 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Tgt Ion:146 Resp: 214803
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.8 79.2
 111 35.4 31.7 47.5

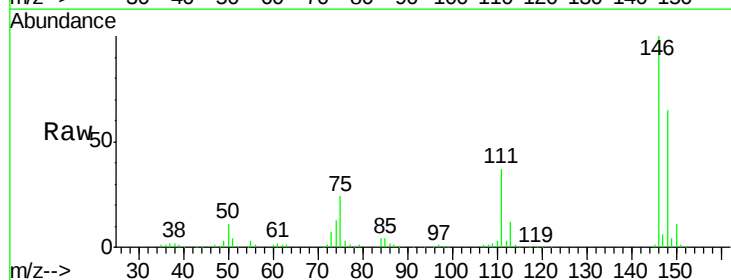


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

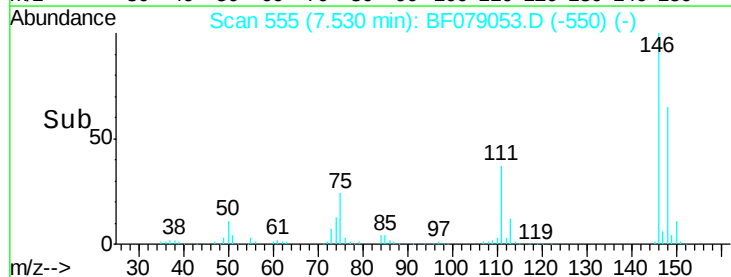
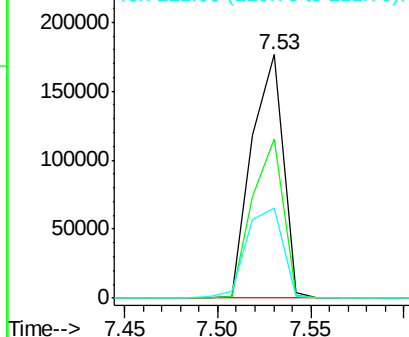


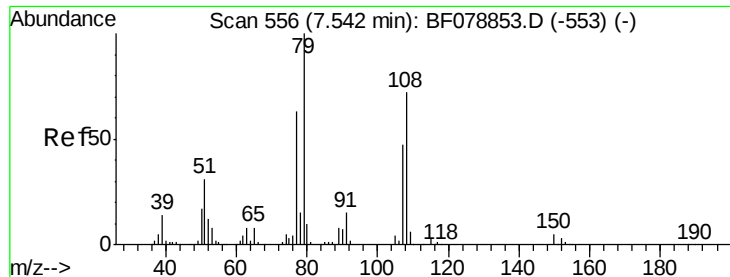
#14
 1,2-Dichlorobenzene
 Concen: 34.17 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.05 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion:146 Resp: 205514
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.2 76.8
 111 37.1 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: 34.84 ng

RT: 7.50 min Scan# 552

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

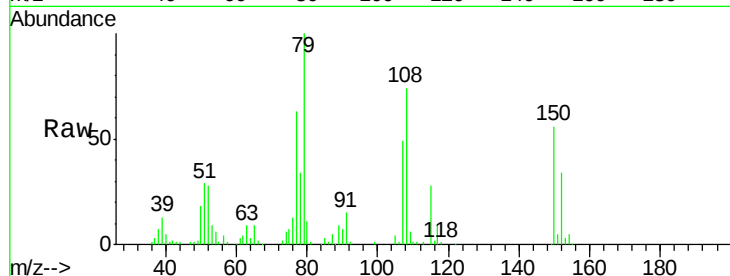
Tgt Ion: 79 Resp: 168346

Ion Ratio Lower Upper

79 100

108 73.5 62.5 93.7

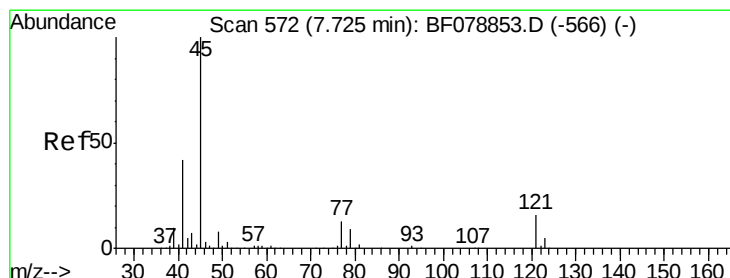
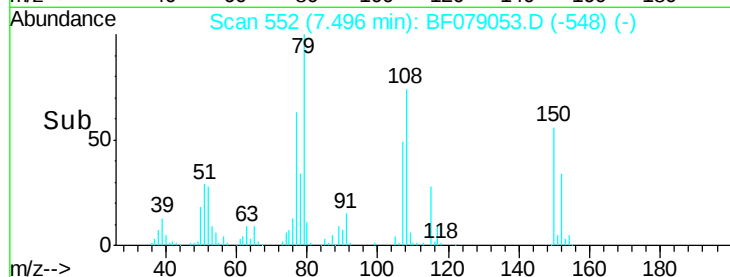
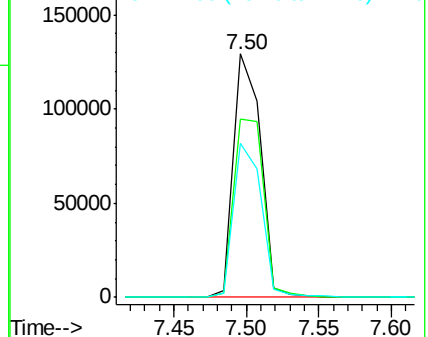
77 63.2 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.27 ng

RT: 7.68 min Scan# 568

Delta R.T. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

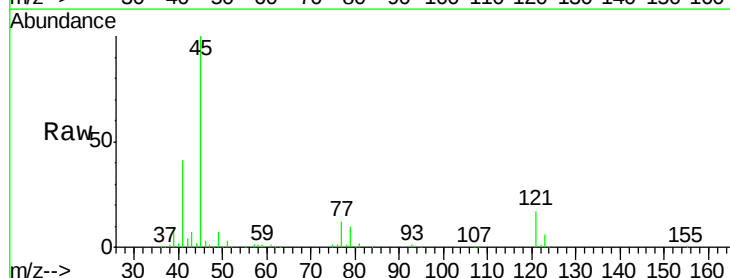
Tgt Ion: 45 Resp: 290293

Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.3

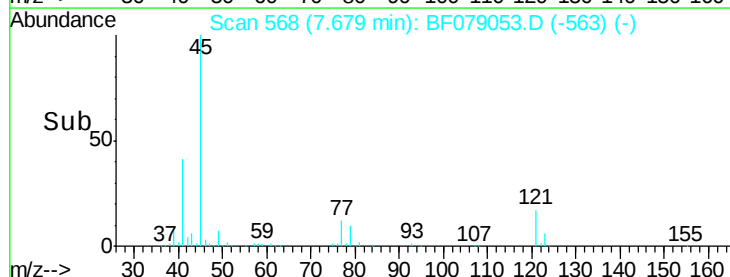
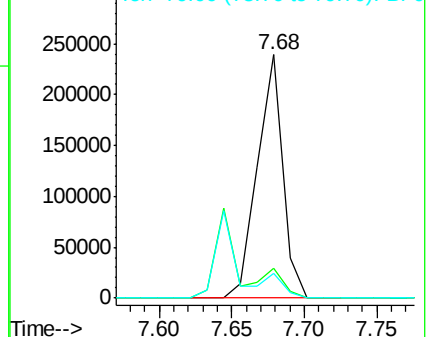
79 10.4 0.0 30.1

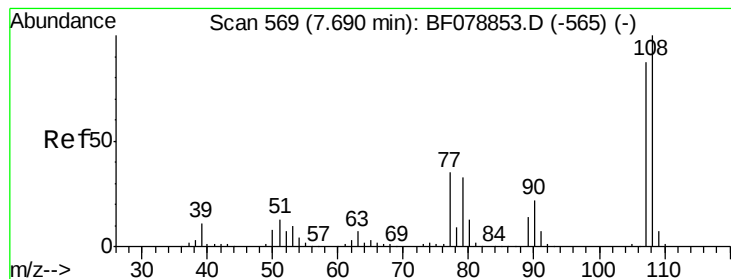


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.05 ng

RT: 7.64 min Scan# 565

Delta R.T. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

Tgt Ion:107 Resp: 166530

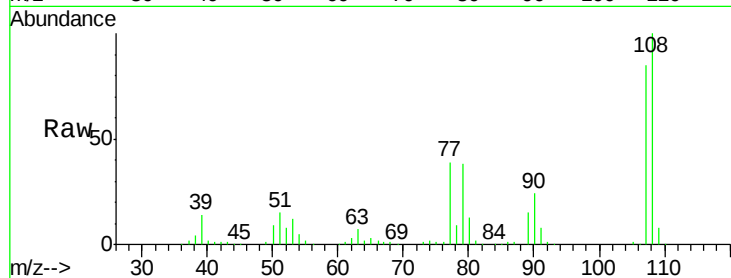
Ion Ratio Lower Upper

107 100

108 118.1 94.9 142.3

77 45.6 36.2 54.4

79 44.4 35.2 52.8

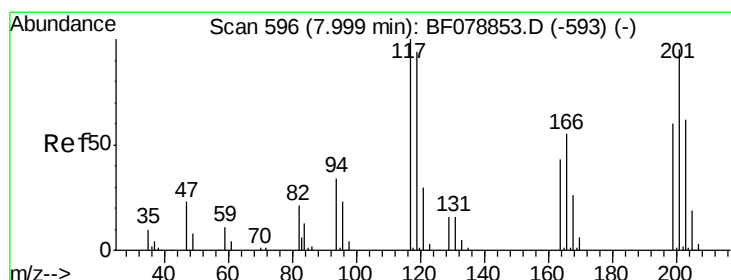
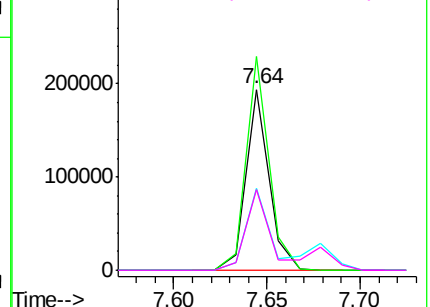
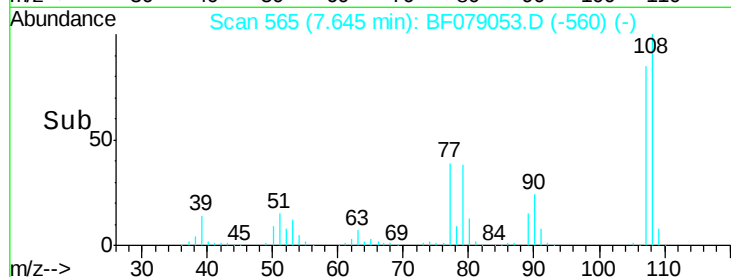


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.43 ng

RT: 7.94 min Scan# 591

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

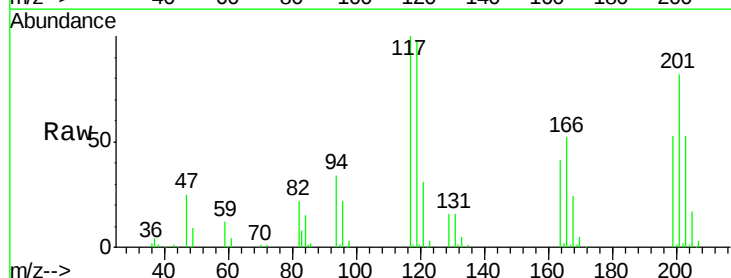
Tgt Ion:117 Resp: 74401

Ion Ratio Lower Upper

117 100

119 97.5 75.4 113.0

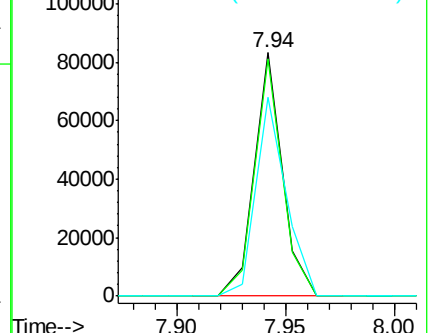
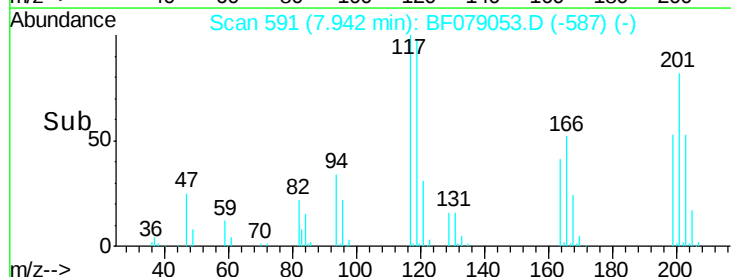
201 81.6 83.2 124.8#

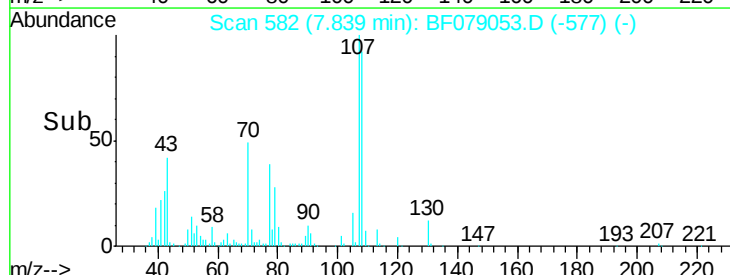
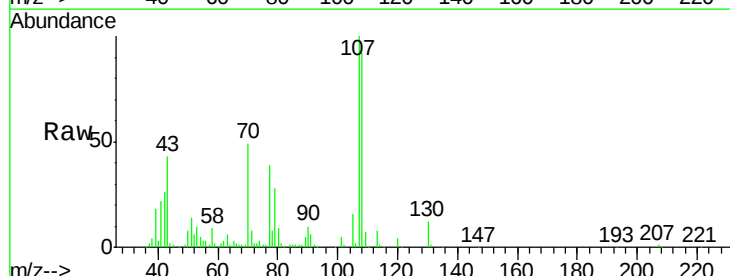
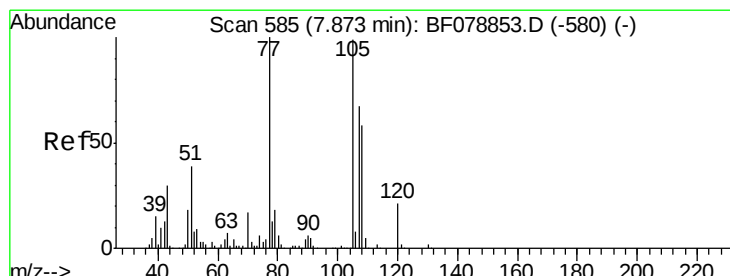
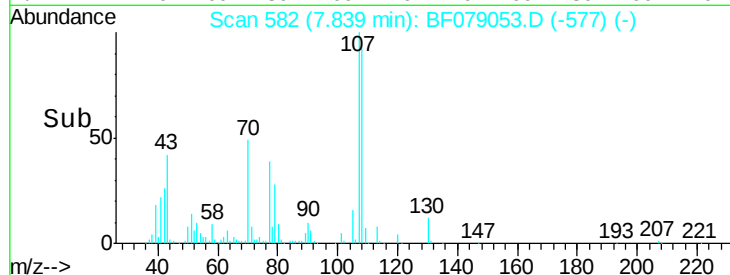
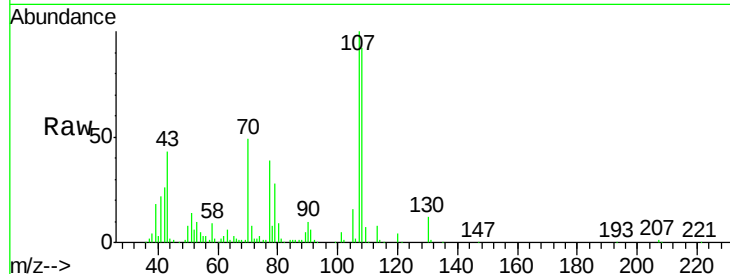
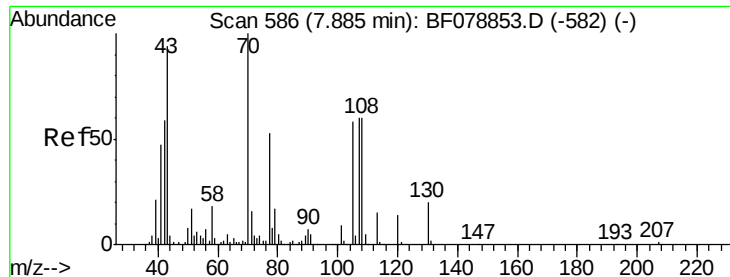


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

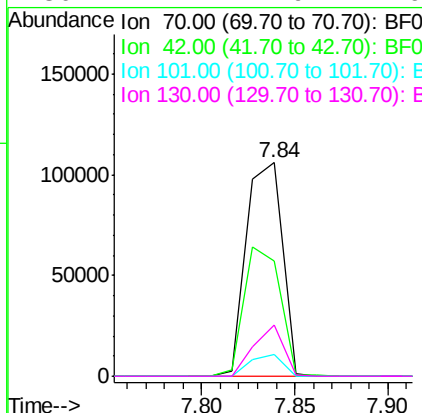




#19
n-Nitroso-di-n-propylamine
Concen: 32.39 ng
RT: 7.84 min Scan# 582
Delta R.T. -0.05 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

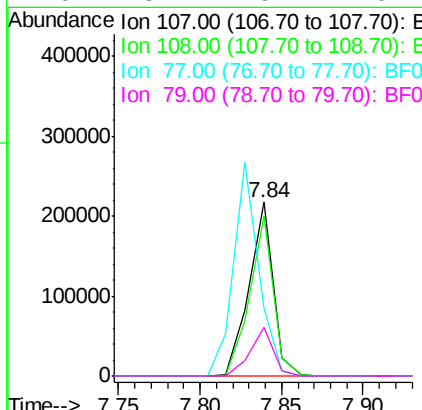
Instrument :
BNA_F
ClientSampleId :
PB83154BS

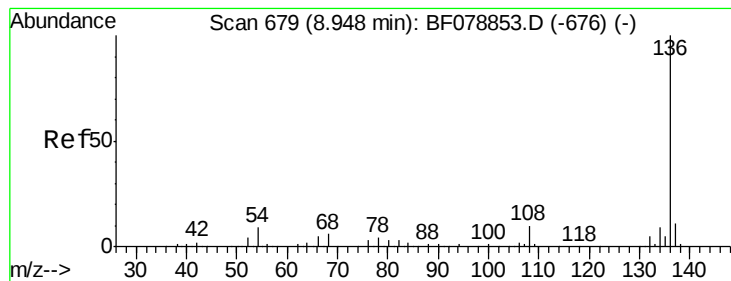
Tgt Ion: 70 Resp: 142418
Ion Ratio Lower Upper
70 100
42 54.0 55.4 83.0#
101 10.0 6.6 10.0#
130 24.1 11.9 17.9#



#20
3+4-Methylphenols
Concen: 37.19 ng
RT: 7.84 min Scan# 582
Delta R.T. -0.05 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

Tgt Ion: 107 Resp: 222753
Ion Ratio Lower Upper
107 100
108 92.1 76.9 116.9
77 38.9 136.8 176.8#
79 28.2 9.7 49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.90 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

Tgt Ion:136 Resp: 350020

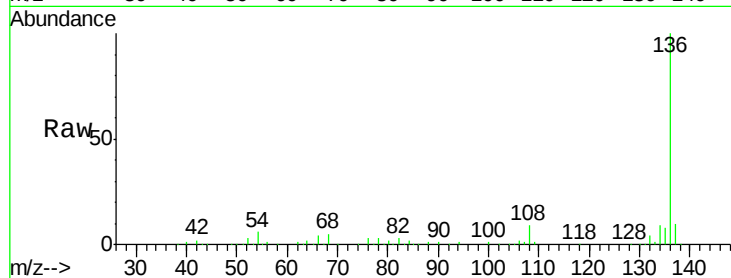
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.0 5.8 8.8

68 4.8 4.2 6.4

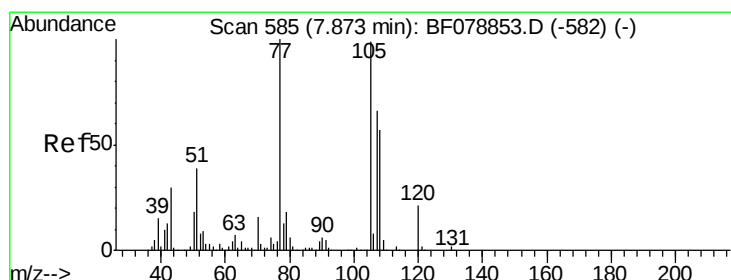
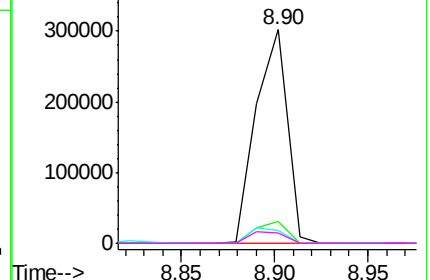
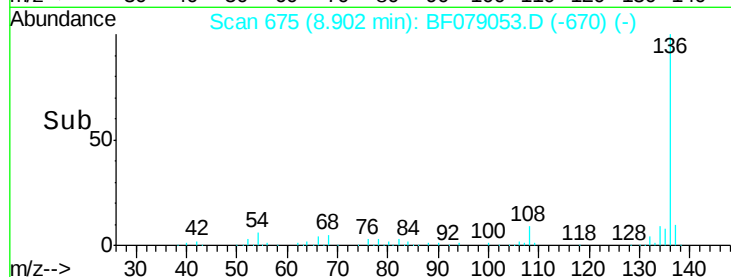


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.30 ng

RT: 7.83 min Scan# 581

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Tgt Ion:105 Resp: 287072

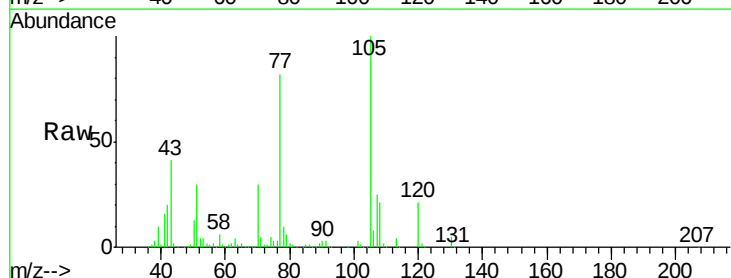
Ion Ratio Lower Upper

105 100

71 5.1 4.6 6.8

51 29.6 26.7 40.1

120 21.5 17.4 26.0

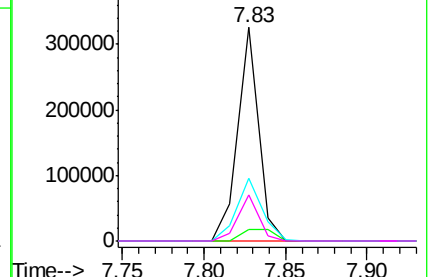
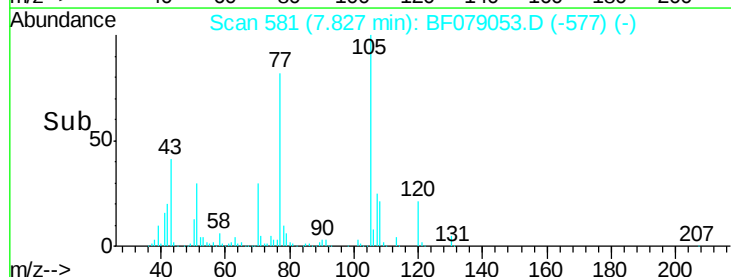


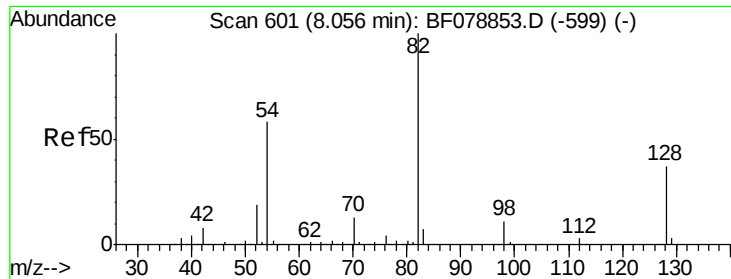
Abundance Ion 105.00 (104.70 to 105.70): E

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

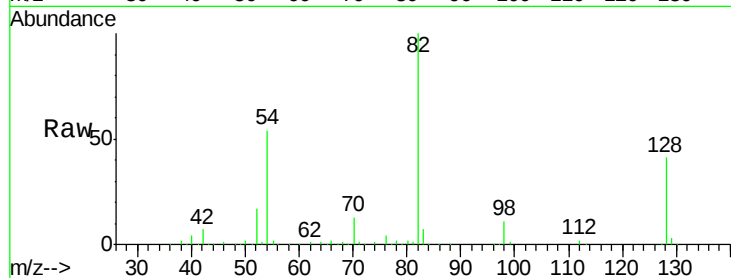




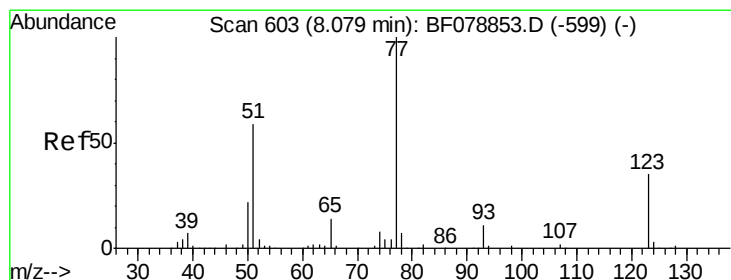
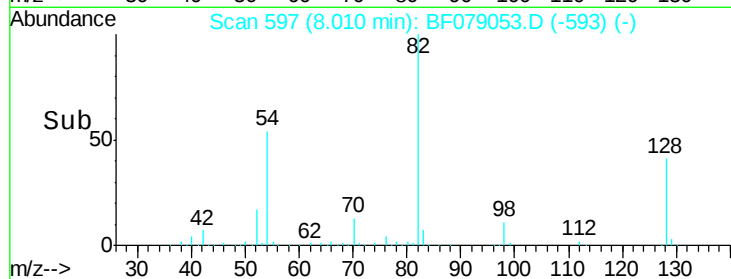
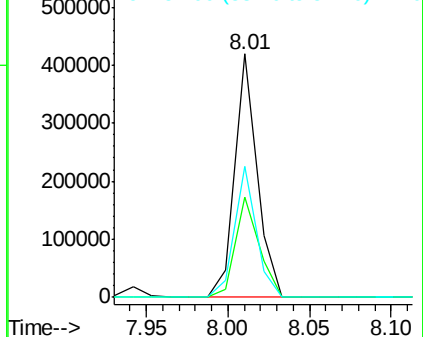
#23
 Nitrobenzene-d5
 Concen: 64.59 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Tgt Ion: 82 Resp: 393344
 Ion Ratio Lower Upper
 82 100
 128 41.0 30.0 45.0
 54 53.6 46.4 69.6

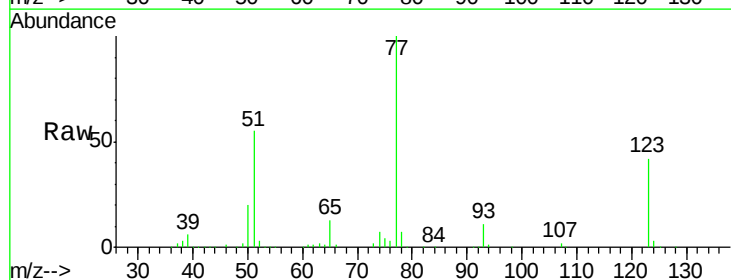


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

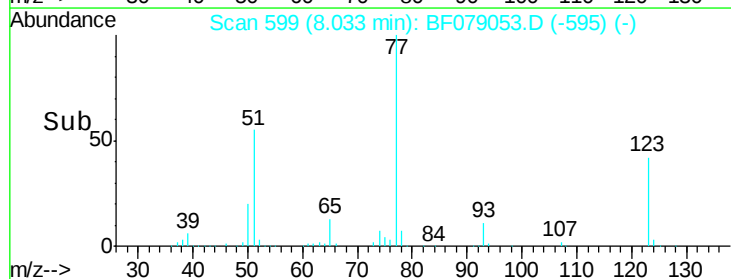
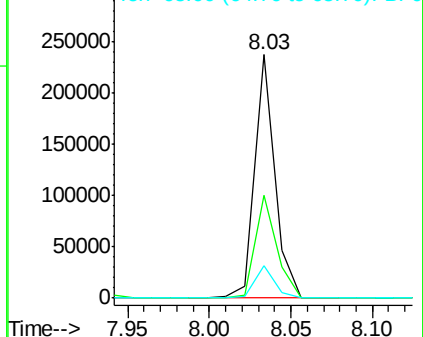


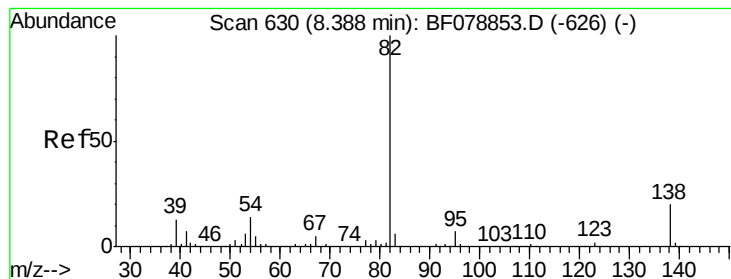
#24
 Nitrobenzene
 Concen: 33.80 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion: 77 Resp: 204037
 Ion Ratio Lower Upper
 77 100
 123 42.5 31.8 47.8
 65 13.5 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.14 ng

RT: 8.33 min Scan# 625

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

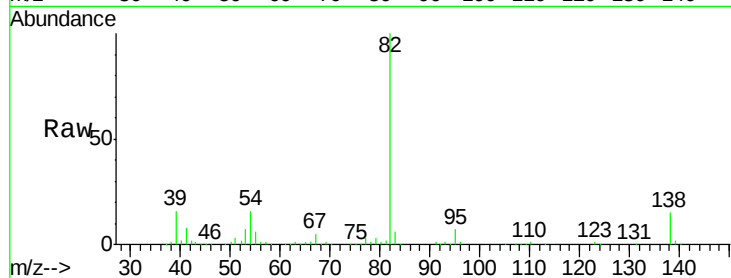
Tgt Ion: 82 Resp: 374192

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

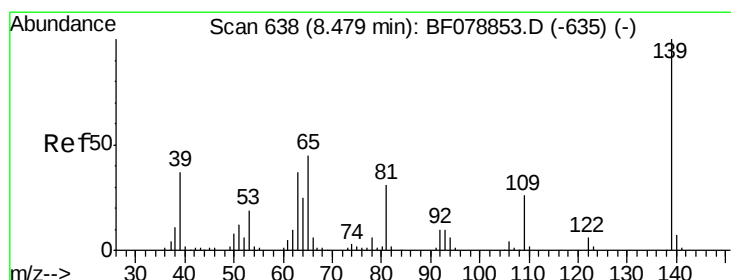
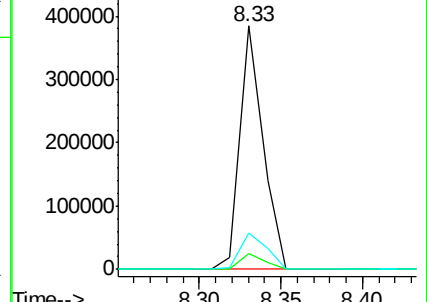
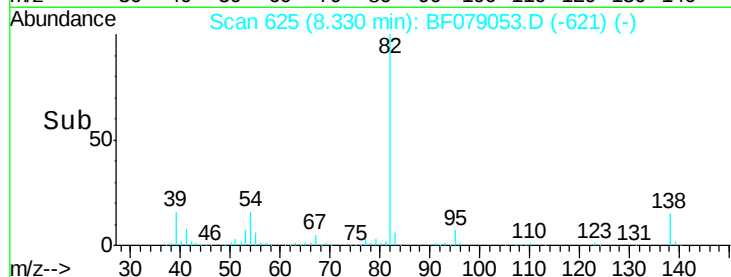
138 15.0 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF079053.D (-625) (-)

Ion 95.00 (94.70 to 95.70): BF079053.D (-625) (-)

Ion 138.00 (137.70 to 138.70): BF079053.D (-625) (-)



#26

2-Nitrophenol

Concen: 38.42 ng

RT: 8.43 min Scan# 634

Delta R.T. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

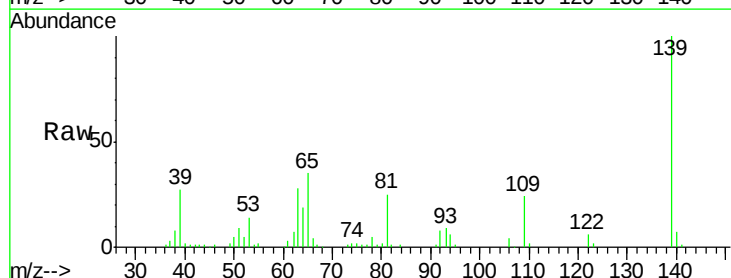
Tgt Ion: 139 Resp: 95984

Ion Ratio Lower Upper

139 100

109 24.4 21.0 31.4

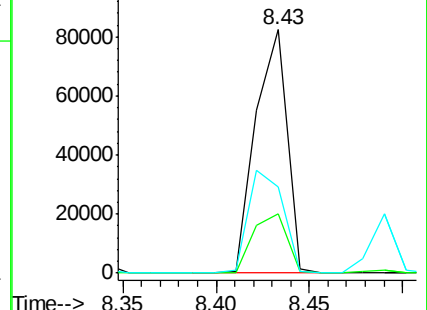
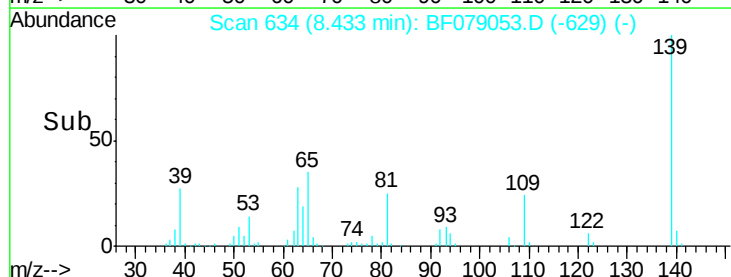
65 35.4 30.5 45.7

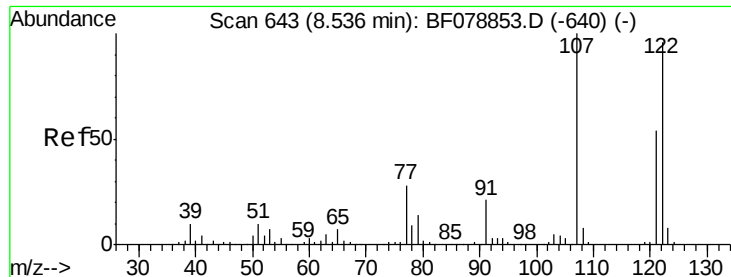


Abundance Ion 139.00 (138.70 to 139.70): BF079053.D (-629) (-)

Ion 109.00 (108.70 to 109.70): BF079053.D (-629) (-)

Ion 65.00 (64.70 to 65.70): BF079053.D (-629) (-)

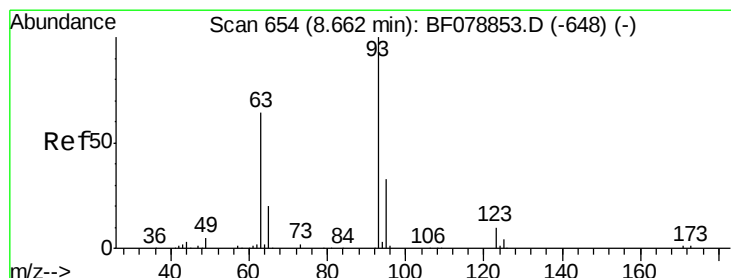
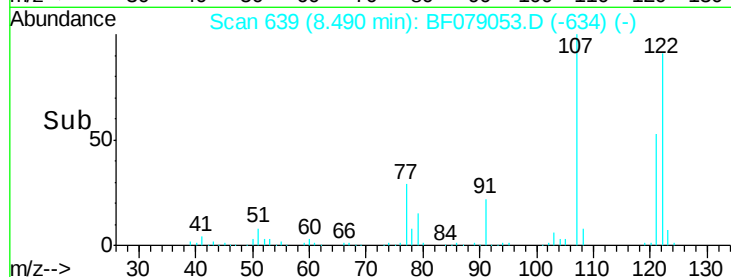
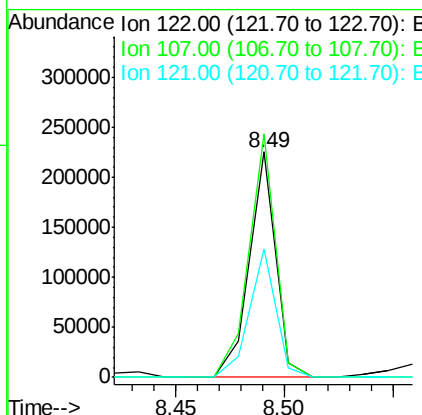
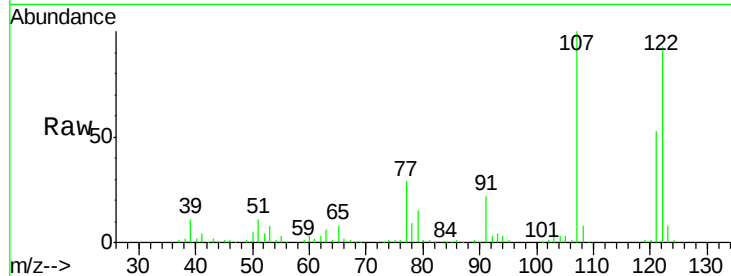




#27
 2,4-Dimethylphenol
 Concen: 38.03 ng
 RT: 8.49 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

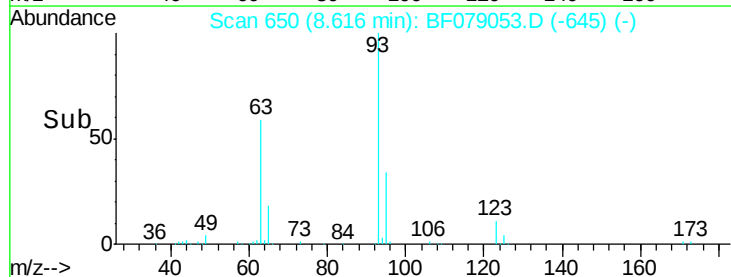
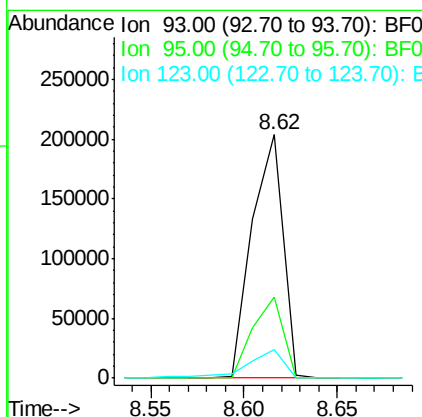
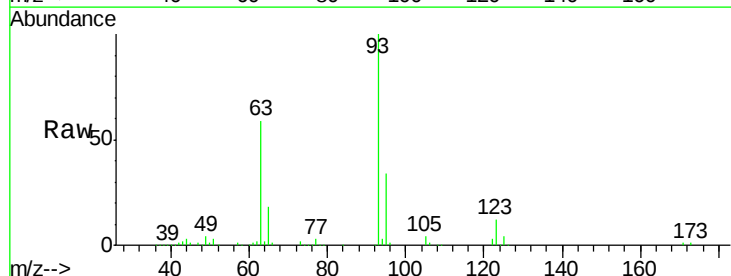
Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

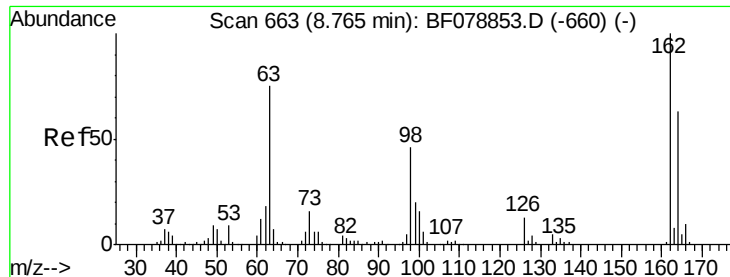
Tgt Ion: 122 Resp: 190123
 Ion Ratio Lower Upper
 122 100
 107 108.0 90.6 135.8
 121 57.2 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.60 ng
 RT: 8.62 min Scan# 650
 Delta R.T. -0.05 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion: 93 Resp: 233900
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.7 40.1
 123 11.7 9.1 13.7

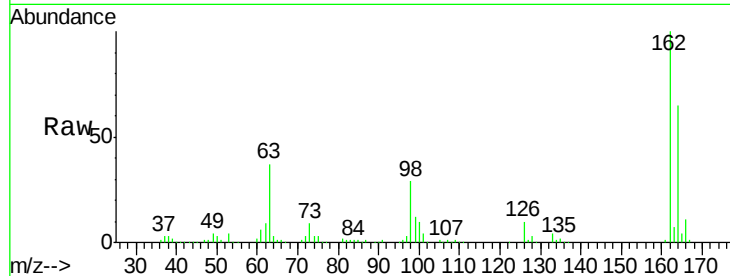




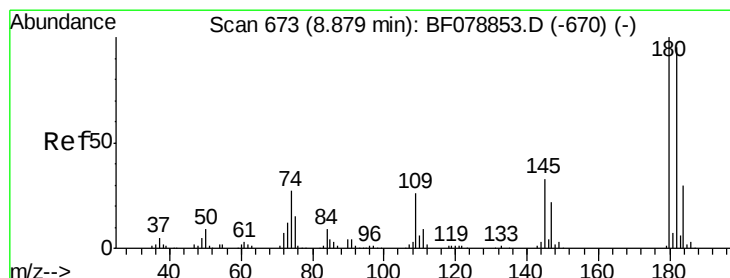
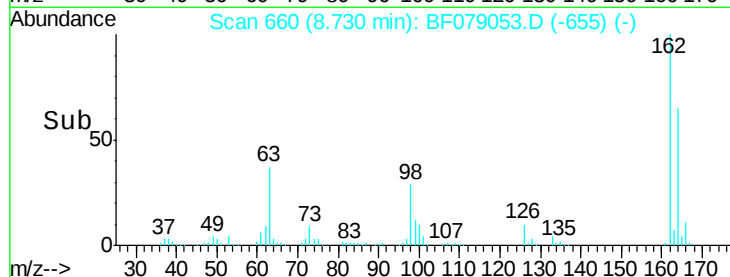
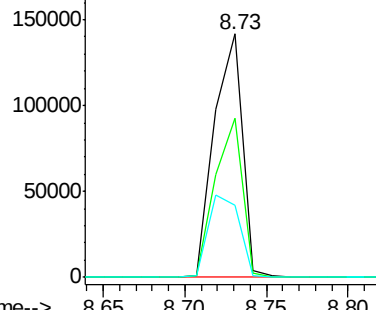
#29
 2,4-Dichlorophenol
 Concen: 37.83 ng
 RT: 8.73 min Scan# 660
 Delta R.T. -0.05 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Tgt Ion:162 Resp: 168203
 Ion Ratio Lower Upper
 162 100
 164 65.2 43.6 83.6
 98 29.4 16.5 56.5

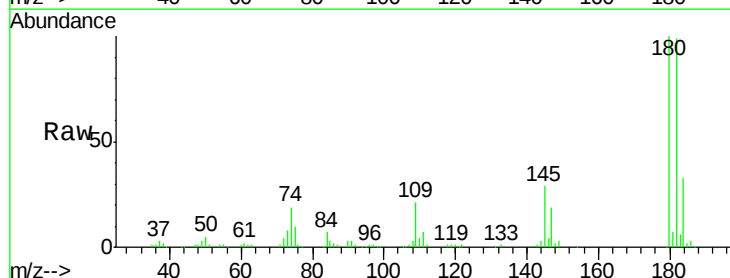


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

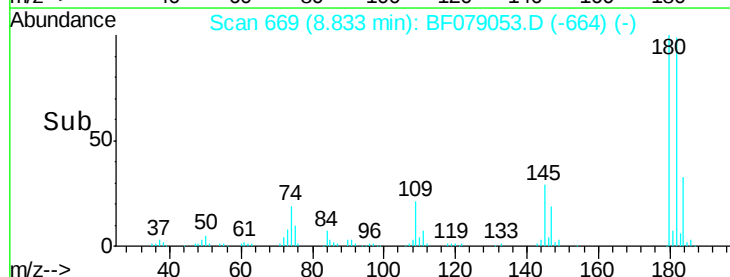
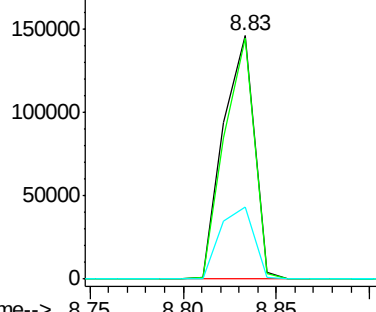


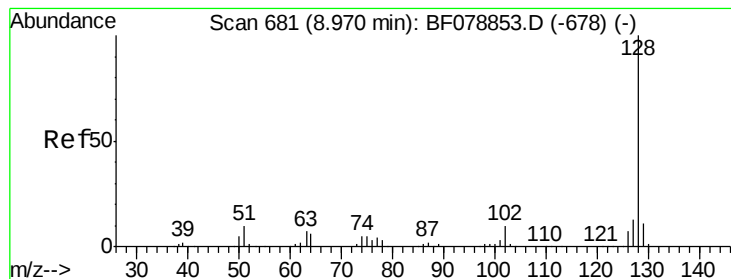
#30
 1,2,4-Trichlorobenzene
 Concen: 34.29 ng
 RT: 8.83 min Scan# 669
 Delta R.T. -0.05 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion:180 Resp: 167486
 Ion Ratio Lower Upper
 180 100
 182 98.8 78.9 118.3
 145 29.4 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: 35.56 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

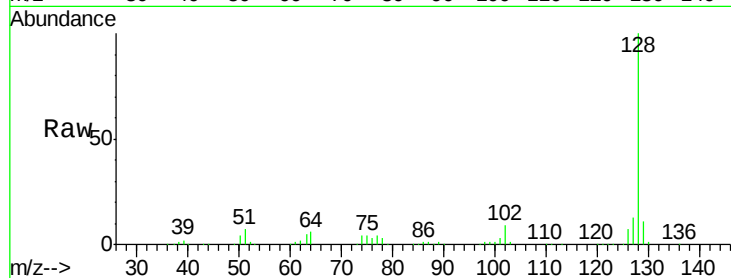
Tgt Ion:128 Resp: 593102

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

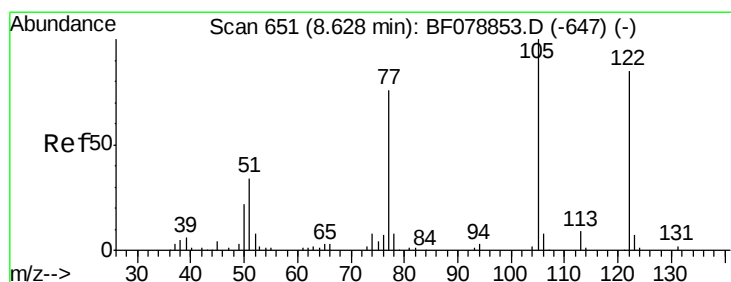
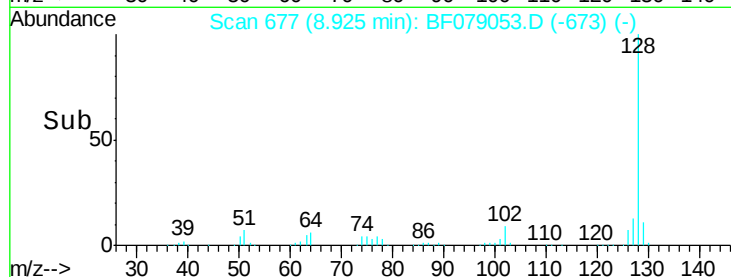
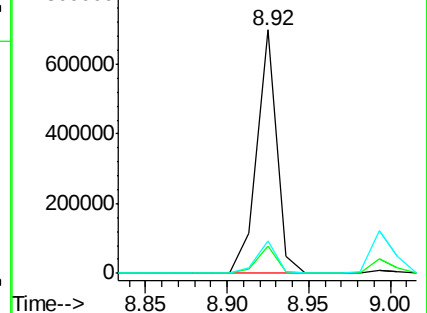
127 13.1 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.70 ng

RT: 8.59 min Scan# 648

Delta R.T. -0.07 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

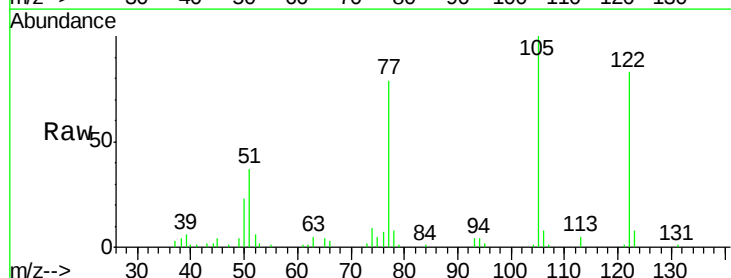
Tgt Ion:122 Resp: 95168

Ion Ratio Lower Upper

122 100

105 121.2 107.1 147.1

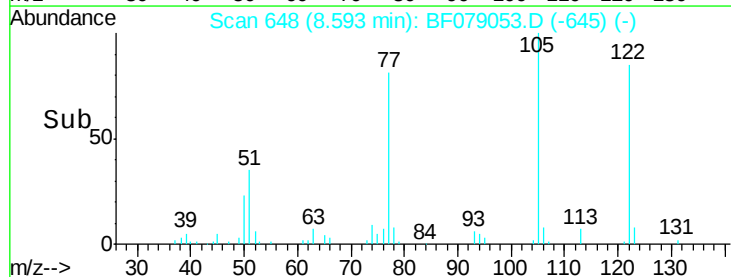
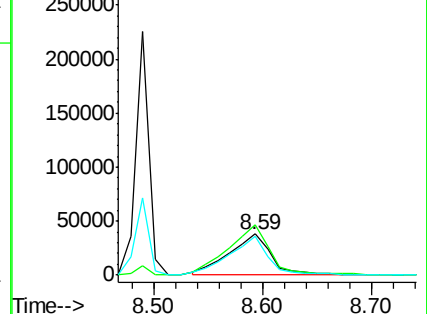
77 95.2 73.9 113.9

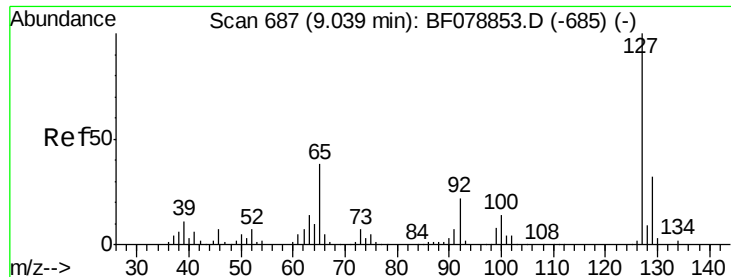


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

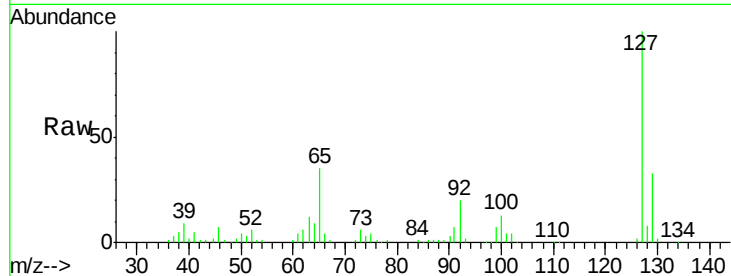




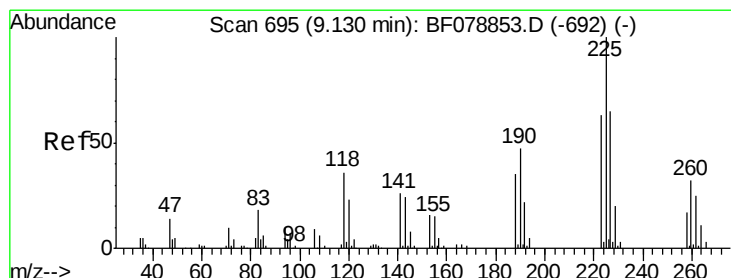
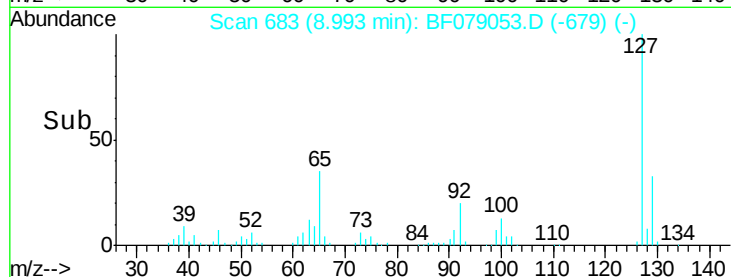
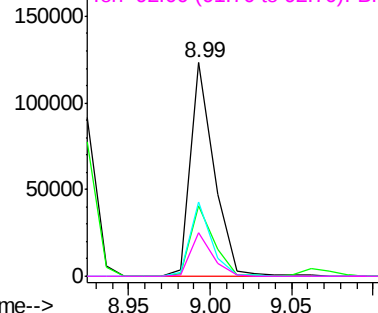
#33
 4-Chloroaniline
 Concen: 17.55 ng
 RT: 8.99 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Tgt Ion:	127	Resp:	123845
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	34.6	25.8	38.6
92	20.2	15.5	23.3

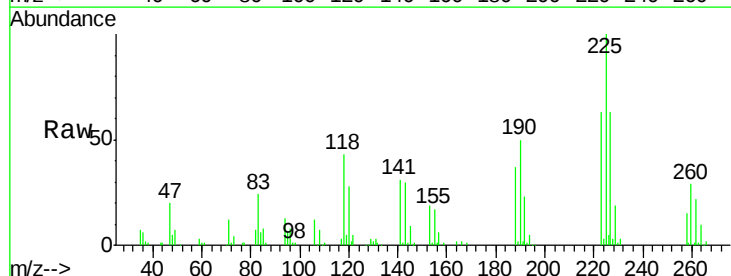


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

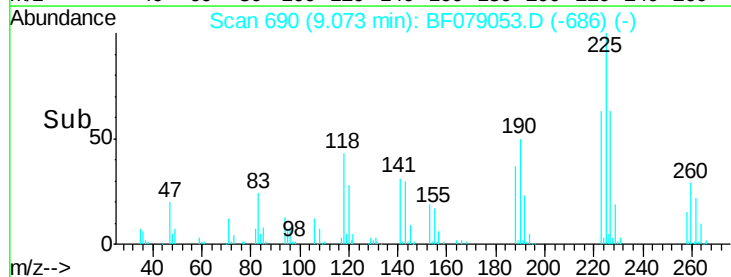
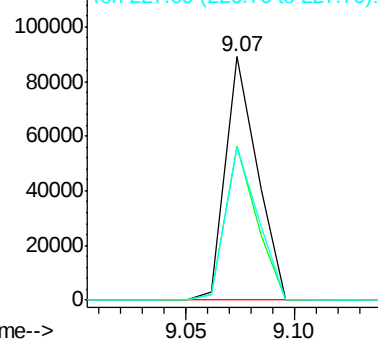


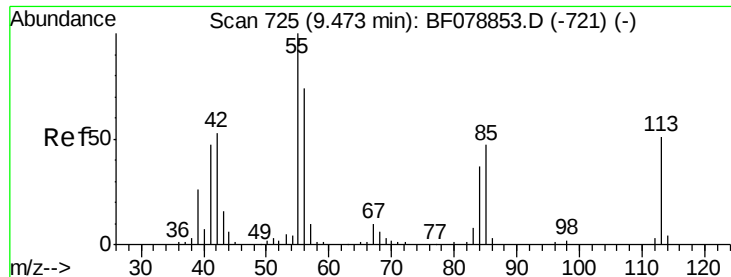
#34
 Hexachlorobutadiene
 Concen: 32.22 ng
 RT: 9.07 min Scan# 690
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion:	225	Resp:	90614
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.2	72.4
227	62.8	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

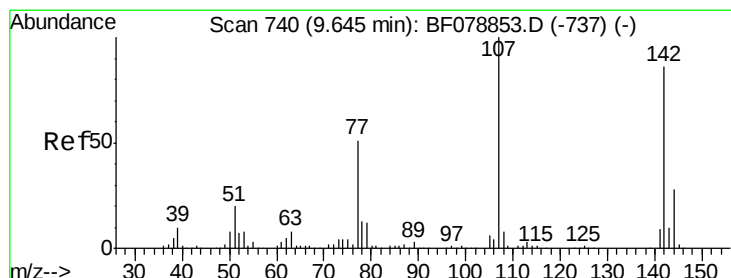
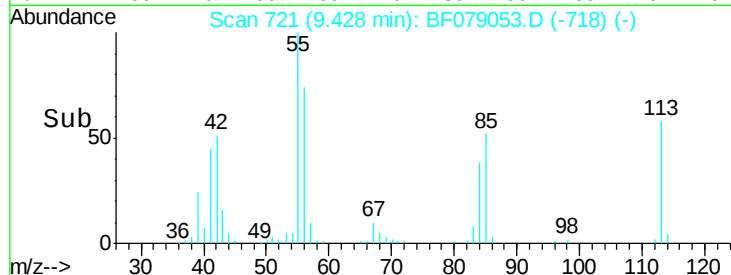
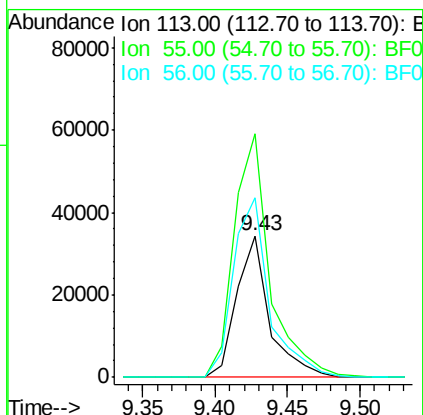
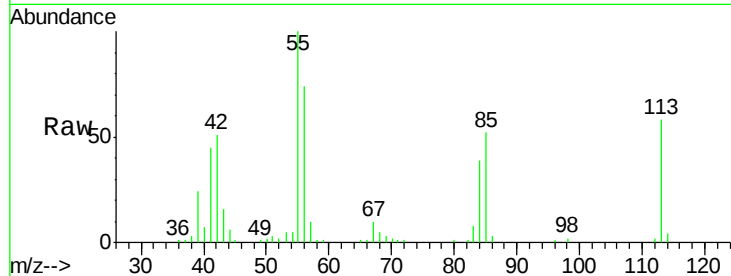




#35
 Caprolactam
 Concen: 37.68 ng
 RT: 9.43 min Scan# 721
 Delta R.T. -0.07 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

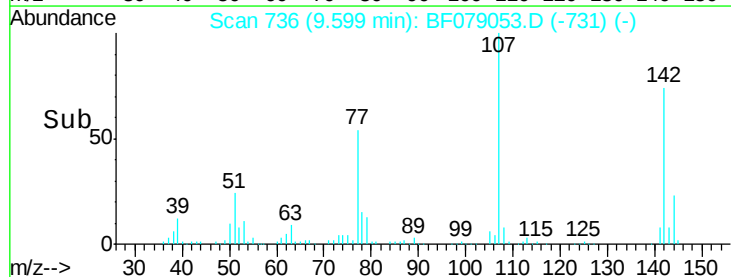
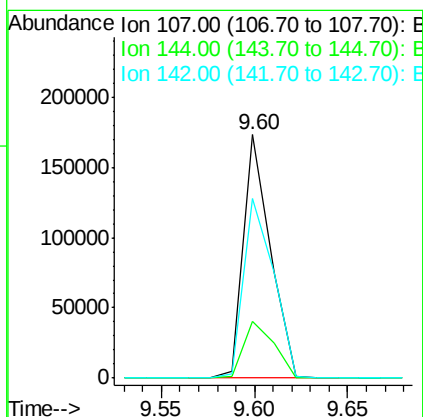
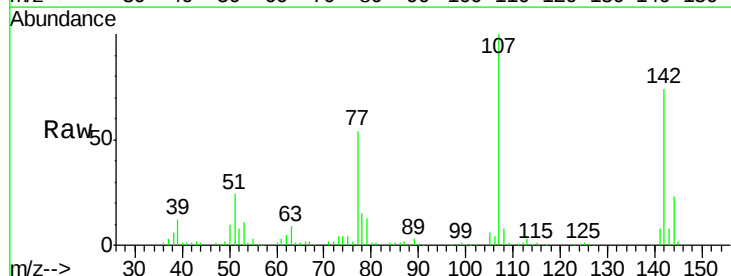
Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

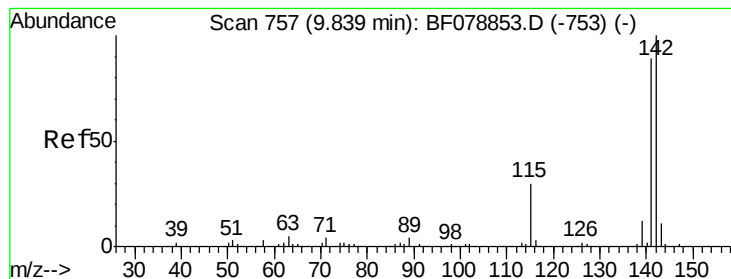
Tgt Ion:113 Resp: 54169
 Ion Ratio Lower Upper
 113 100
 55 171.9 169.7 209.7
 56 126.7 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 37.53 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.05 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion:107 Resp: 175264
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.8 29.6
 142 73.7 60.6 91.0

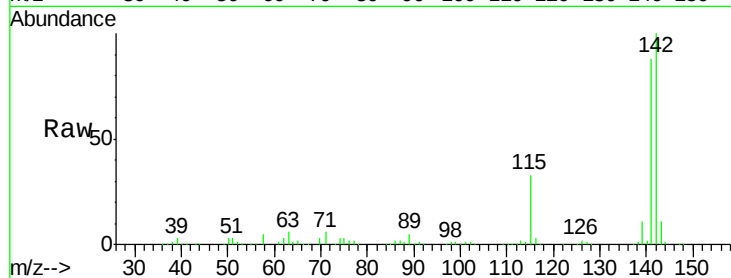




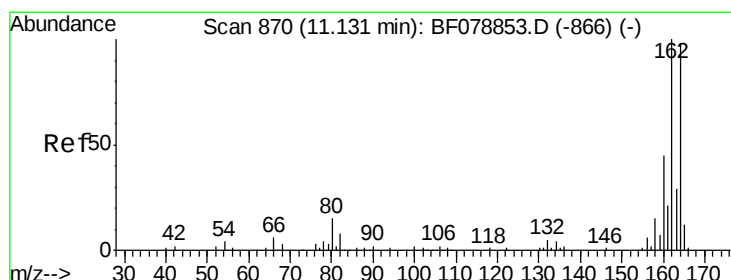
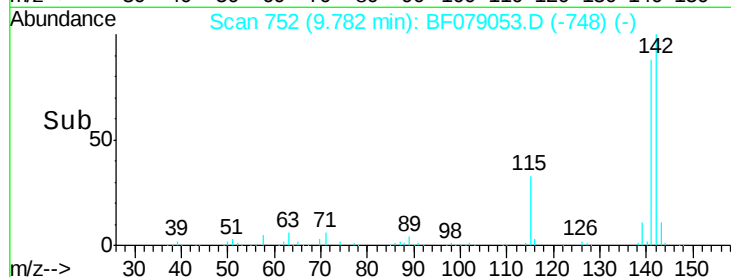
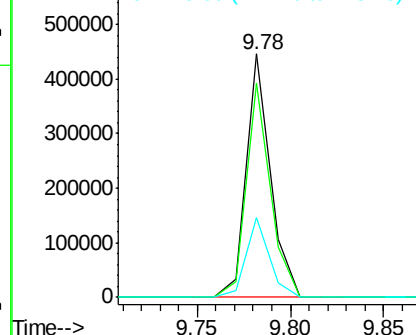
#37
 2-Methylnaphthalene
 Concen: 34.87 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Tgt Ion:142 Resp: 402957
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.9 106.3
 115 32.7 28.5 42.7

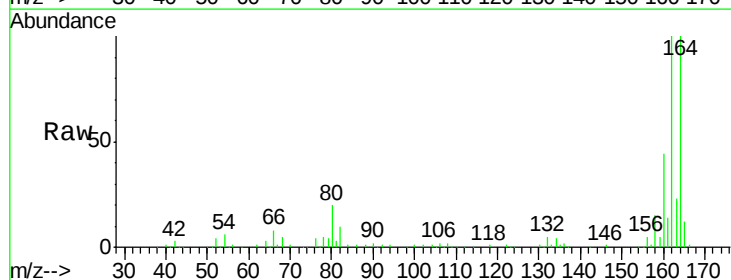


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

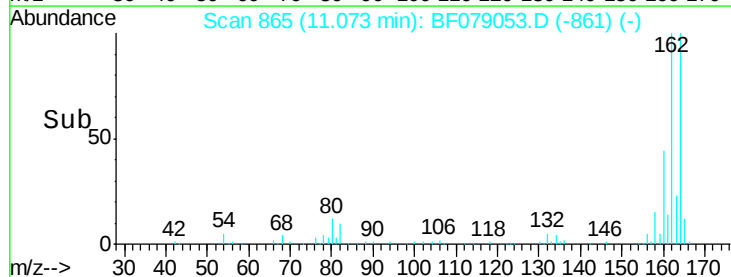
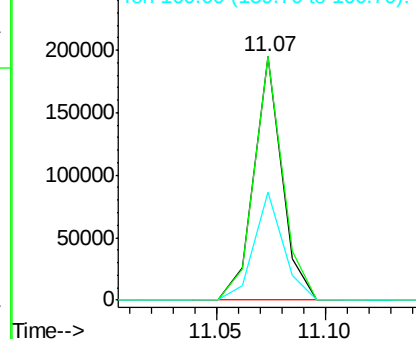


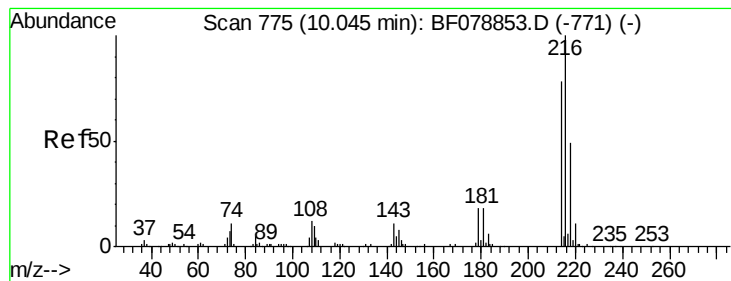
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion:164 Resp: 174099
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.7 124.1
 160 44.4 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: 32.19 ng

RT: 9.99 min Scan# 770

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

Tgt Ion:216 Resp: 157858

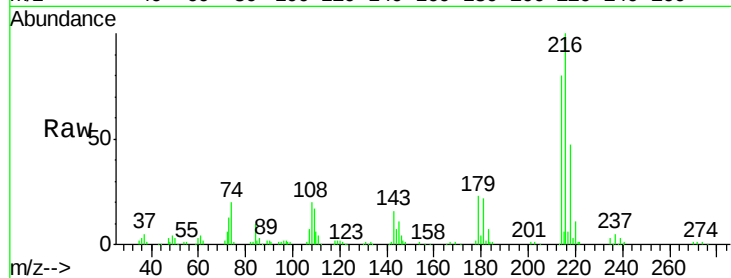
Ion Ratio Lower Upper

216 100

214 79.2 0.0 0.0#

179 22.4 0.0 0.0#

108 23.9 0.0 0.0#

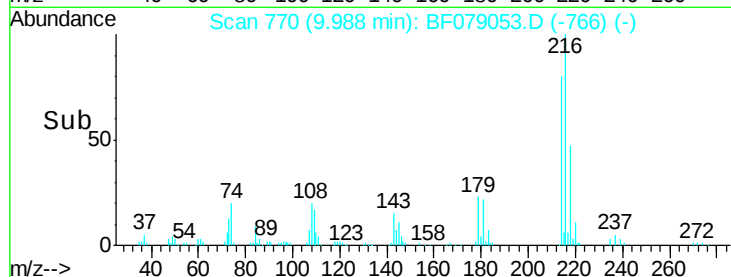


Abundance Ion 216.00 (215.70 to 216.70): E

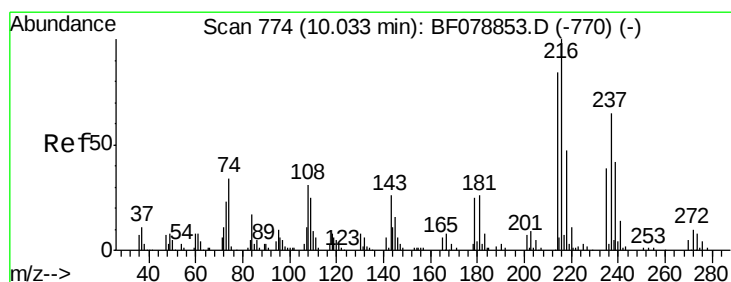
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 66.91 ng

RT: 9.98 min Scan# 769

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

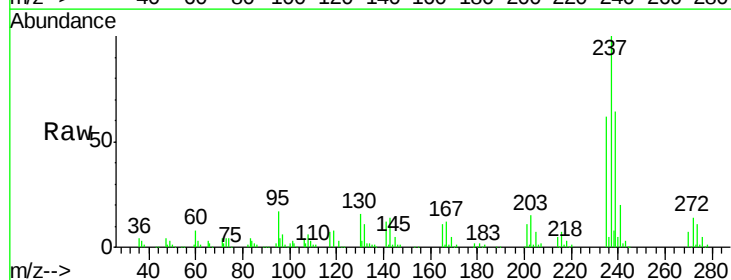
Tgt Ion:237 Resp: 164963

Ion Ratio Lower Upper

237 100

235 61.7 44.7 84.7

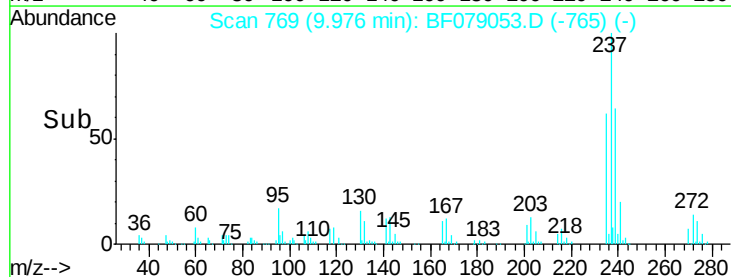
272 13.6 0.0 32.6



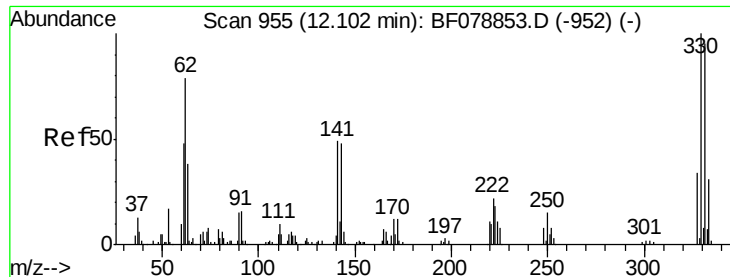
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



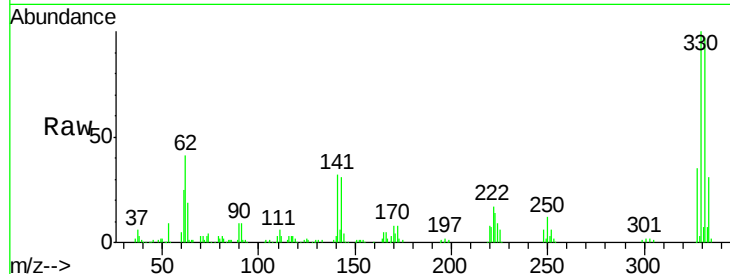
Time-->



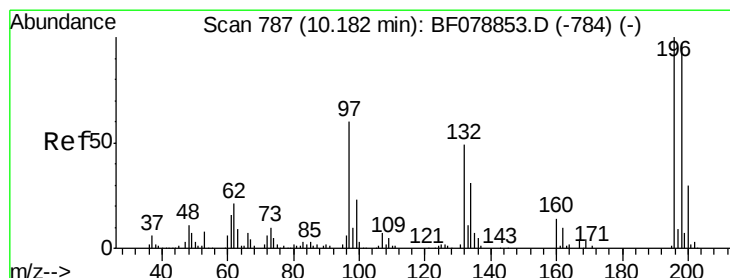
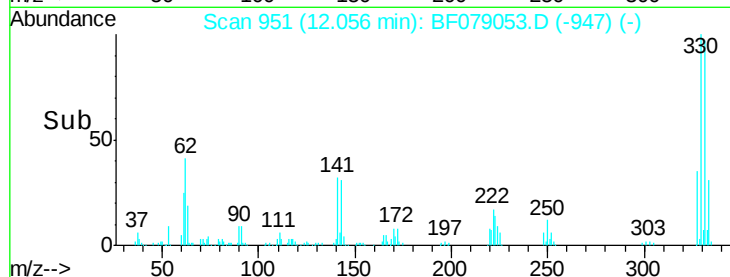
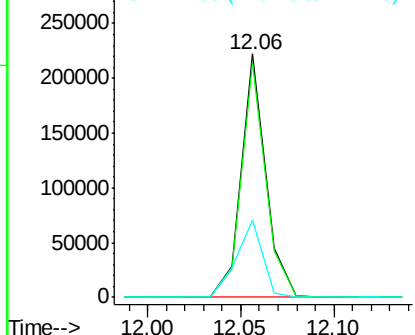
#41
 2,4,6-Tribromophenol
 Concen: 108.30 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Tgt Ion:330 Resp: 203972
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 34.5 0.0 0.0#

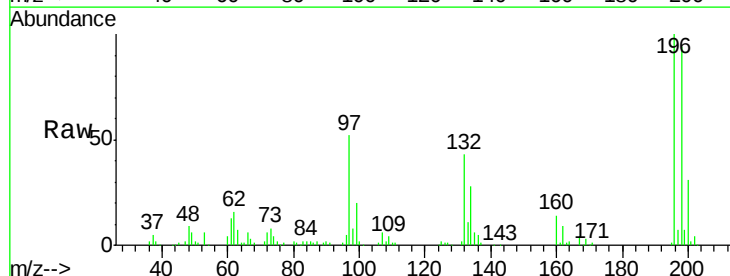


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

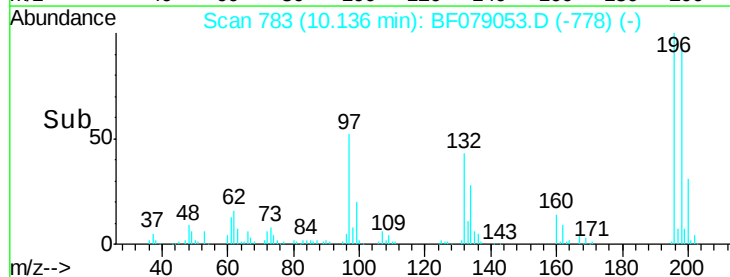
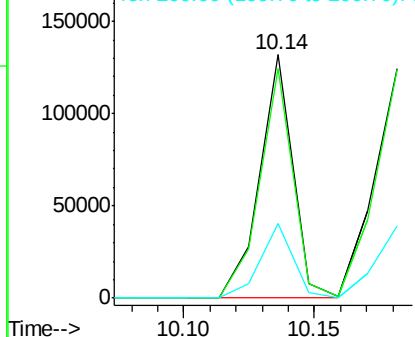


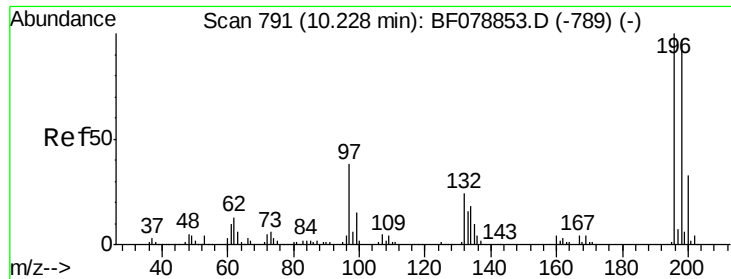
#42
 2,4,6-Trichlorophenol
 Concen: 34.32 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.05 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion:196 Resp: 115701
 Ion Ratio Lower Upper
 196 100
 198 94.4 80.5 120.7
 200 30.6 24.9 37.3



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

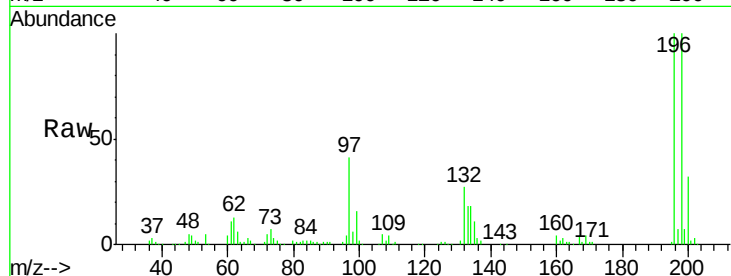




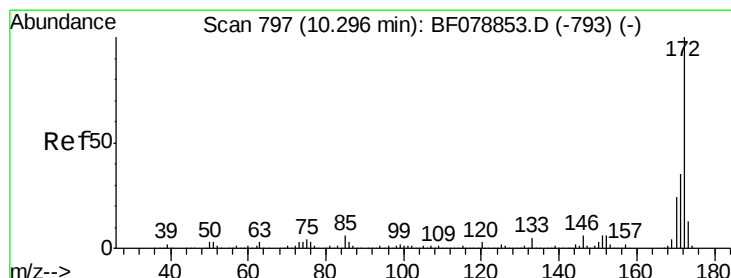
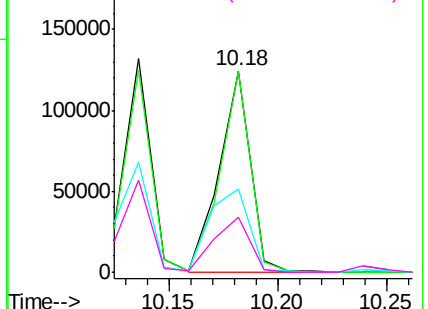
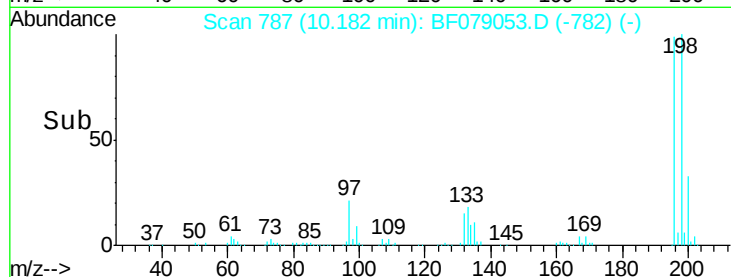
#43
 2,4,5-Trichlorophenol
 Concen: 36.00 ng
 RT: 10.18 min Scan# 787
 Delta R.T. -0.05 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Tgt Ion:	196	Resp:	122698
Ion Ratio	Lower	Upper	
196	100		
198	99.6	79.8	119.6
97	41.1	46.0	69.0#
132	27.2	26.6	40.0

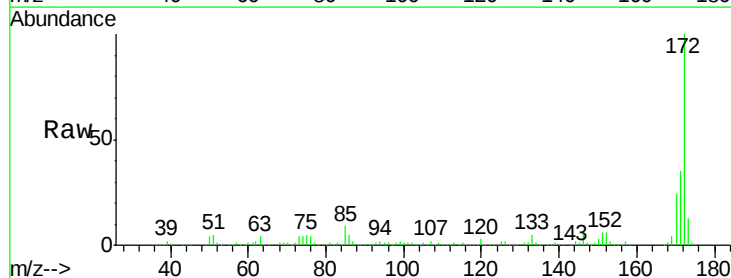


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

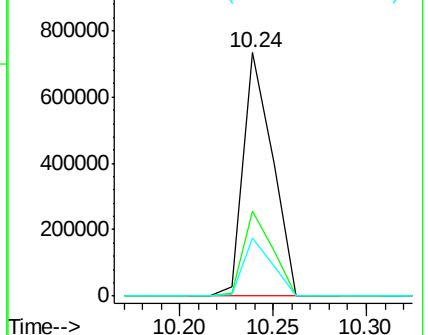
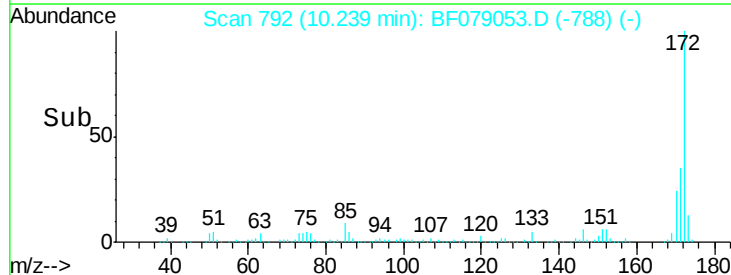


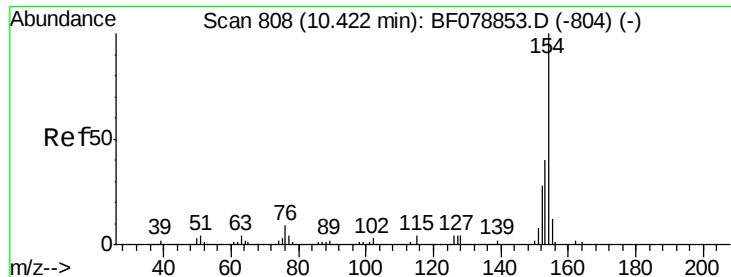
#44
 2-Fluorobiphenyl
 Concen: 63.74 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion:	172	Resp:	796500
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.9	41.9
170	24.0	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

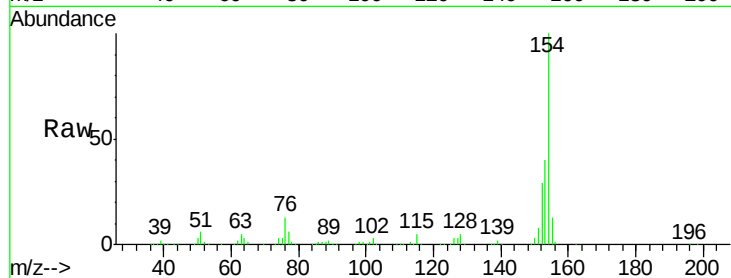




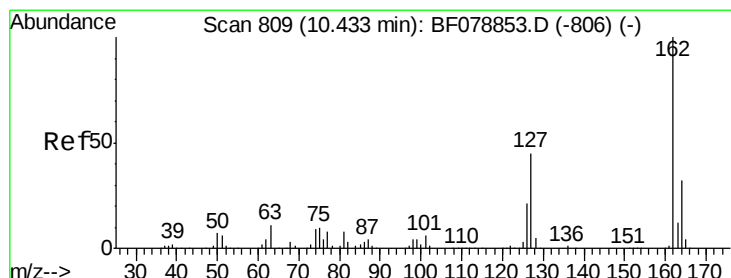
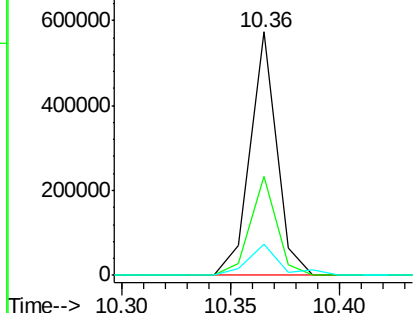
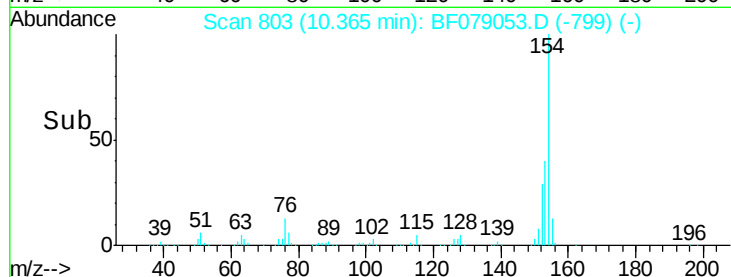
#45
 1,1'-Biphenyl
 Concen: 35.03 ng
 RT: 10.36 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.9	59.9
76	12.9	0.0	35.0

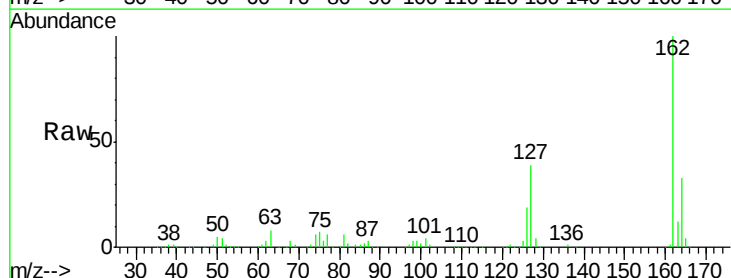


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

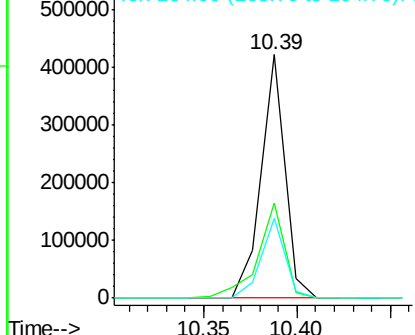
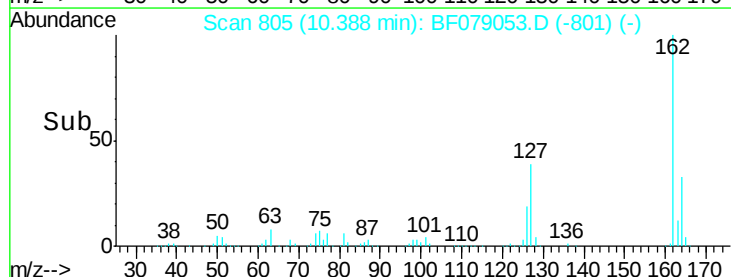


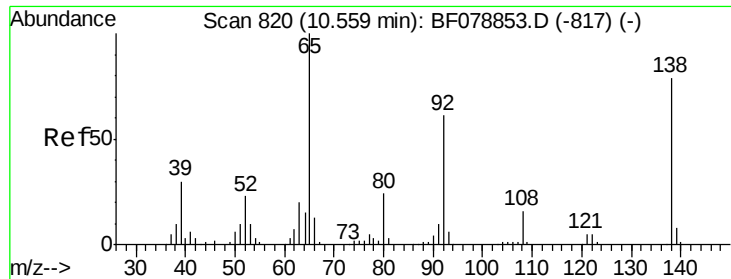
#46
 2-Chloronaphthalene
 Concen: 34.25 ng
 RT: 10.39 min Scan# 805
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	33.9	50.9
164	33.0	26.3	39.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

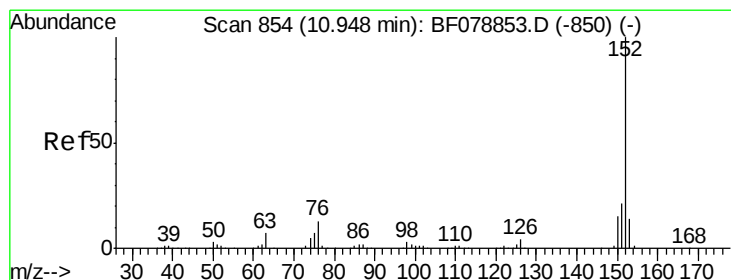
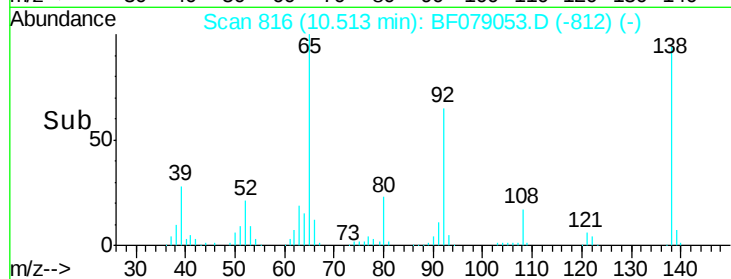
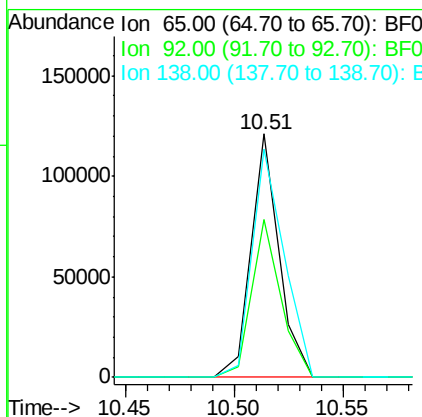
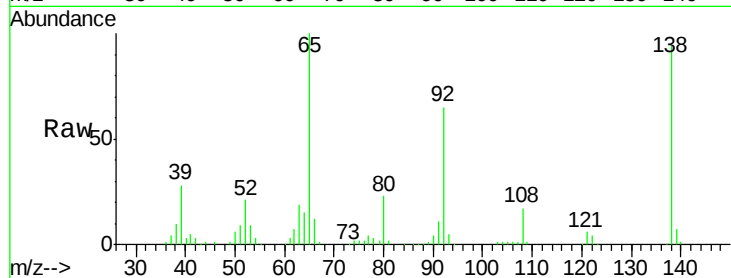




#47
 2-Nitroaniline
 Concen: 34.55 ng
 RT: 10.51 min Scan# 816
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

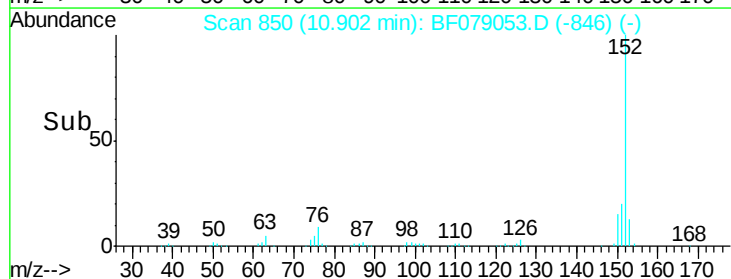
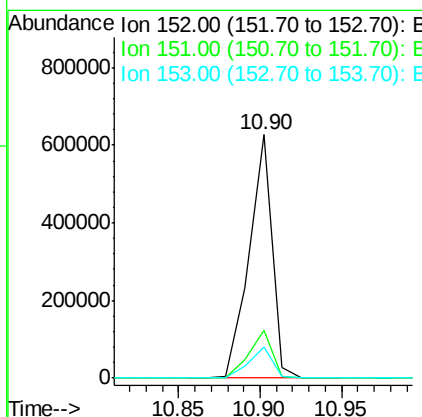
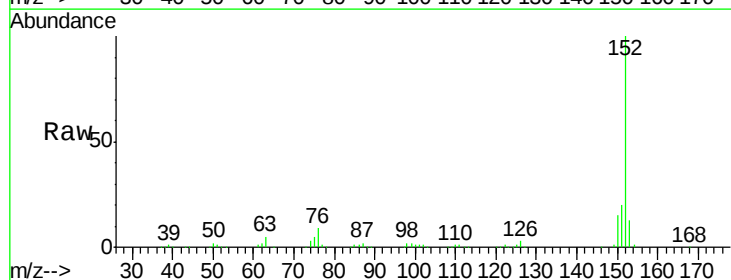
Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

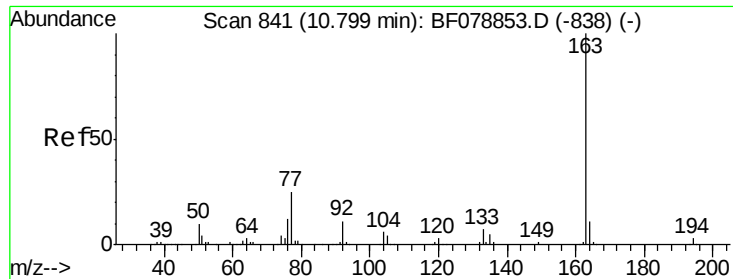
Tgt Ion: 65 Resp: 108085
 Ion Ratio Lower Upper
 65 100
 92 64.8 54.0 81.0
 138 93.9 75.0 112.6



#48
 Acenaphthylene
 Concen: 34.52 ng
 RT: 10.90 min Scan# 850
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion: 152 Resp: 611968
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.2 24.4
 153 12.8 10.9 16.3

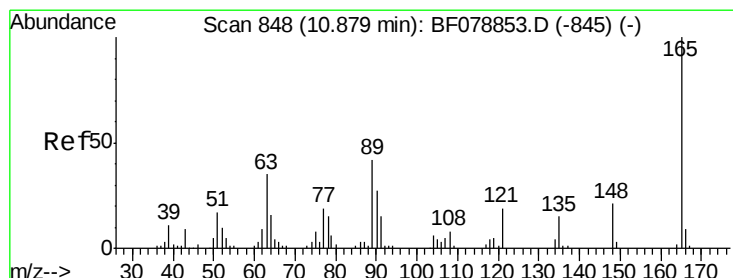
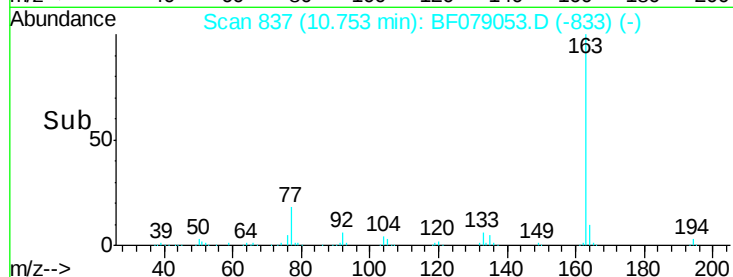
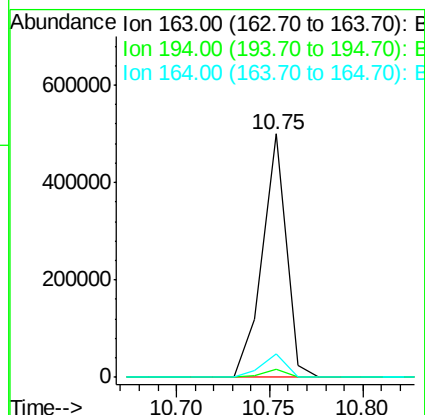
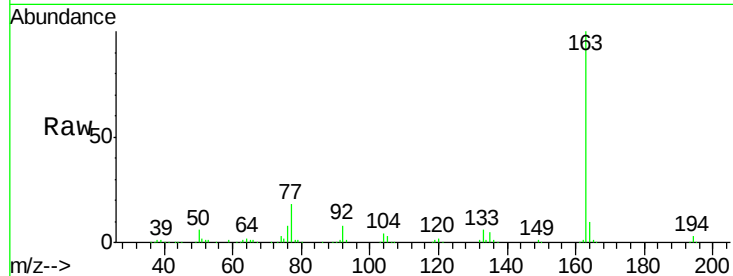




#49
Dimethylphthalate
Concen: 34.62 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.06 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

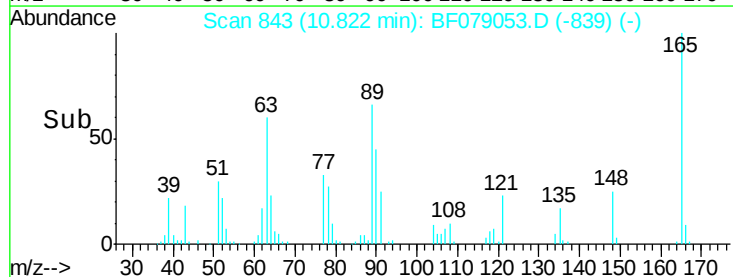
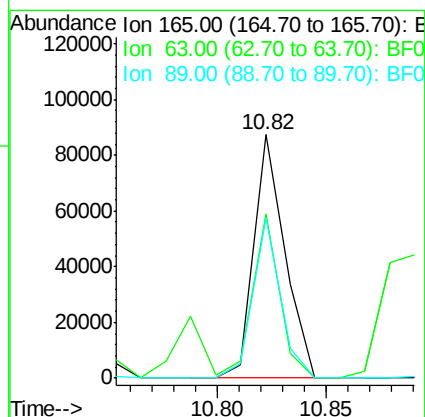
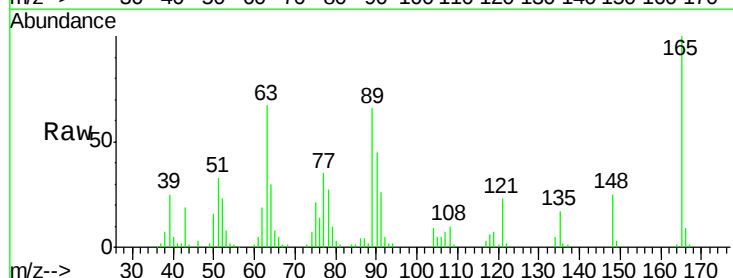
Instrument :
BNA_F
ClientSampleId :
PB83154BS

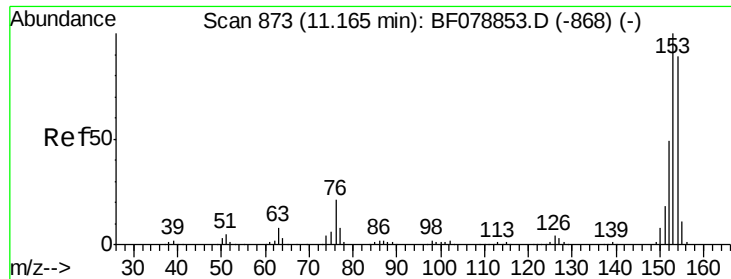
Tgt Ion:163 Resp: 442412
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 34.30 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.06 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

Tgt Ion:165 Resp: 86486
Ion Ratio Lower Upper
165 100
63 67.5 54.4 81.6
89 65.9 55.7 83.5

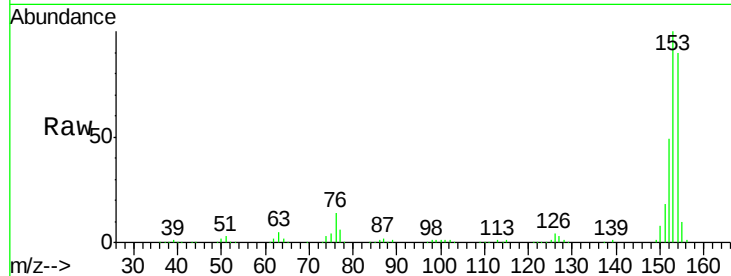




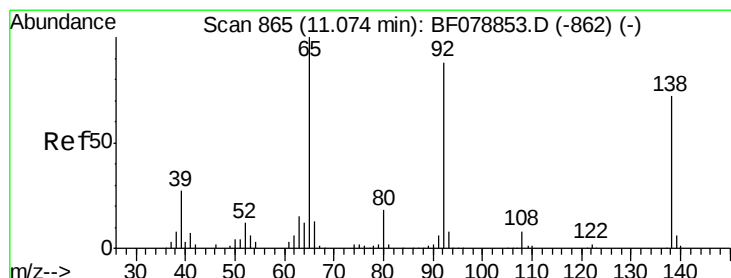
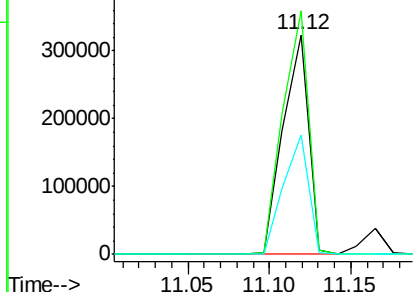
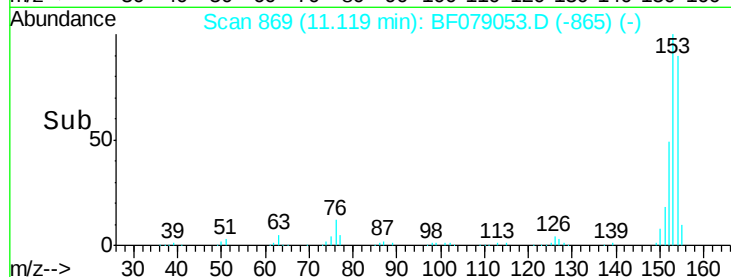
#51
Acenaphthene
Concen: 33.50 ng
RT: 11.12 min Scan# 869
Delta R.T. -0.06 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

Instrument :
BNA_F
ClientSampleId :
PB83154BS

Tgt Ion:154 Resp: 354130
Ion Ratio Lower Upper
154 100
153 110.7 91.5 137.3
152 54.3 44.2 66.4

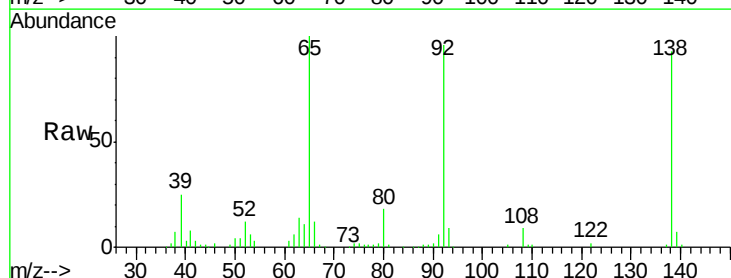


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

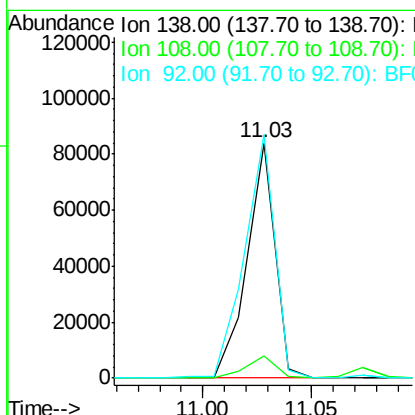
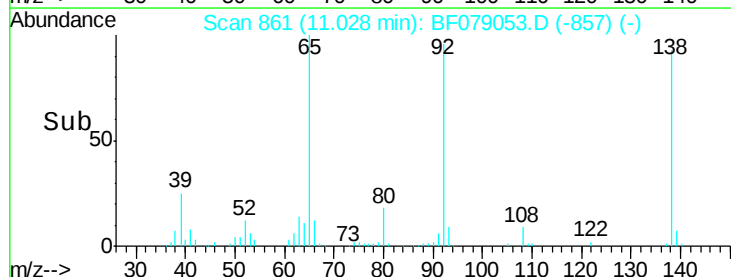


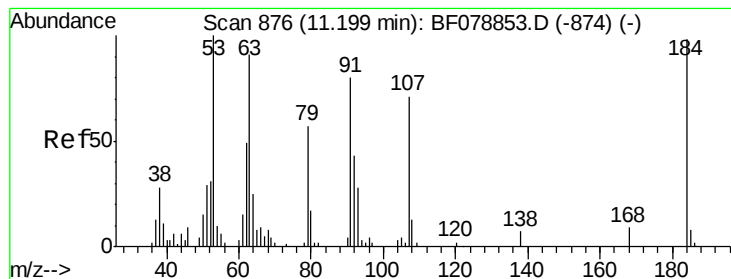
#52
3-Nitroaniline
Concen: 23.71 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.06 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

Tgt Ion:138 Resp: 74698
Ion Ratio Lower Upper
138 100
108 9.4 10.6 16.0#
92 103.6 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: 64.74 ng

RT: 11.16 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

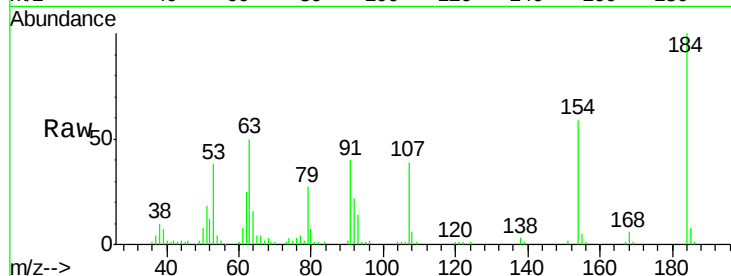
Tgt Ion:184 Resp: 60075

Ion Ratio Lower Upper

184 100

63 49.9 63.3 94.9#

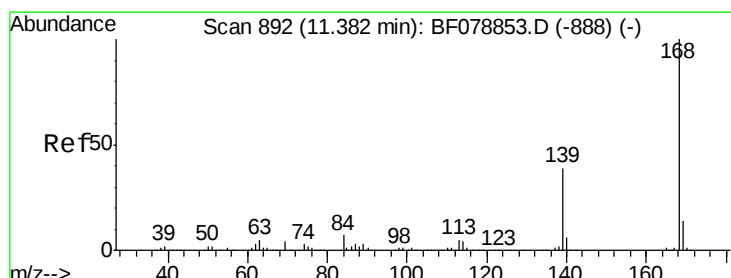
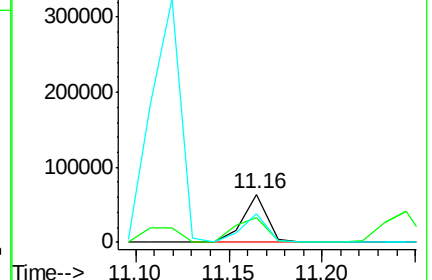
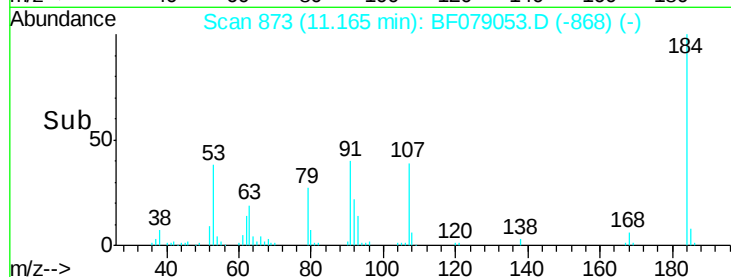
154 58.7 53.8 80.6



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: 34.59 ng

RT: 11.34 min Scan# 888

Delta R.T. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

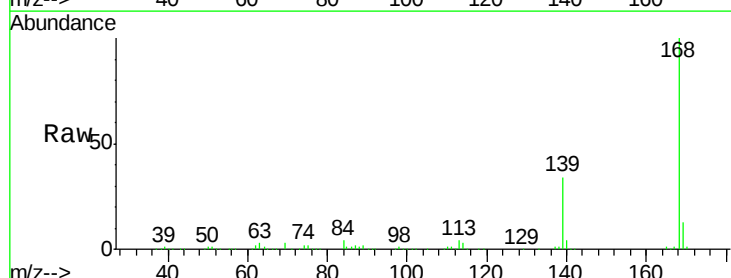
Tgt Ion:168 Resp: 528116

Ion Ratio Lower Upper

168 100

139 34.1 31.0 46.4

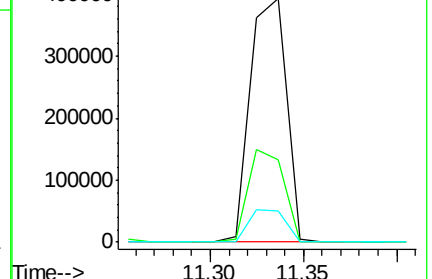
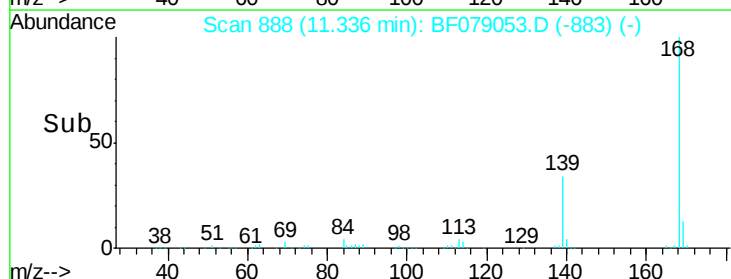
169 12.9 10.6 16.0

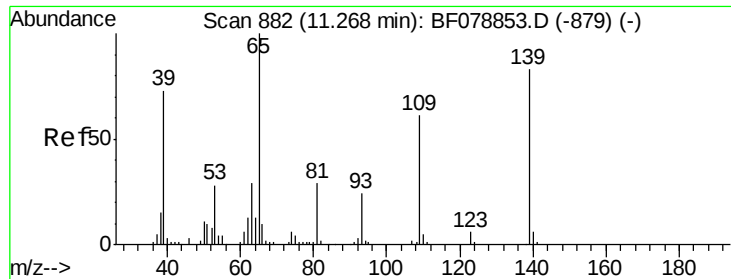


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

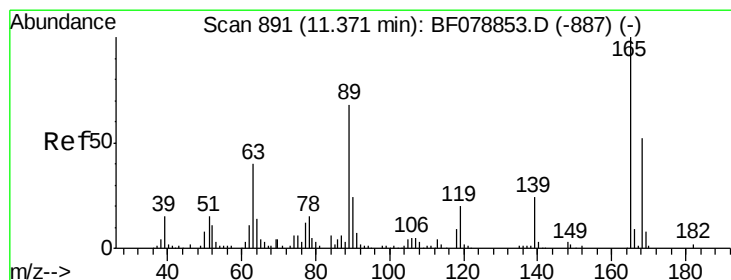
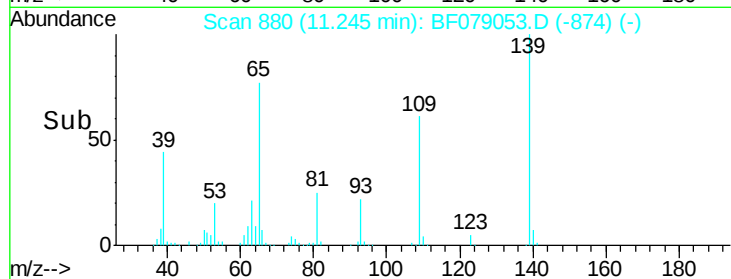
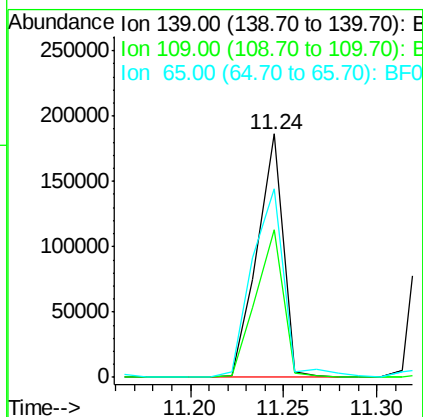
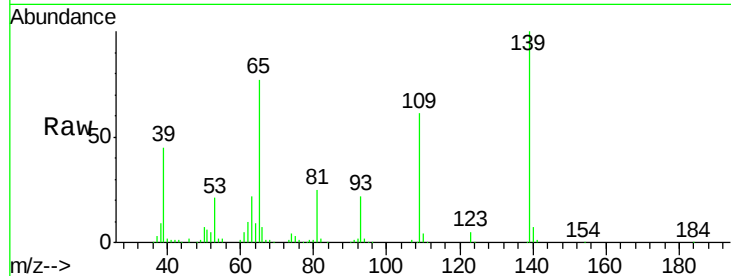




#55
4-Nitrophenol
Concen: 74.05 ng
RT: 11.24 min Scan# 880
Delta R.T. -0.03 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

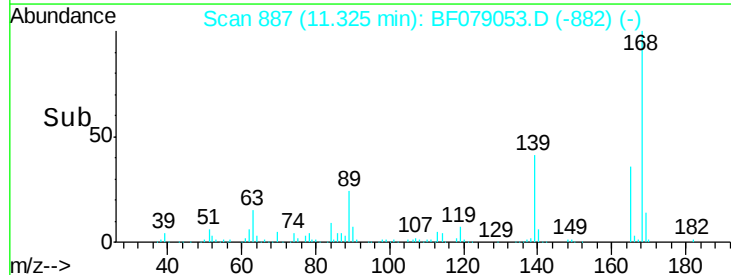
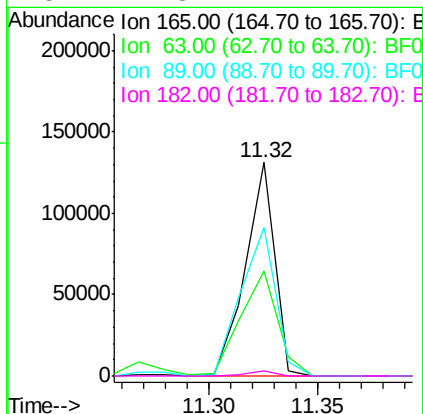
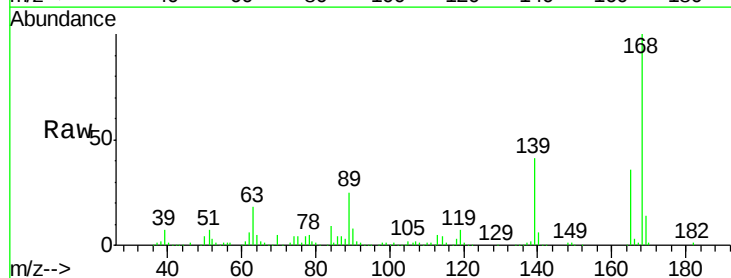
Instrument :
BNA_F
ClientSampleId :
PB83154BS

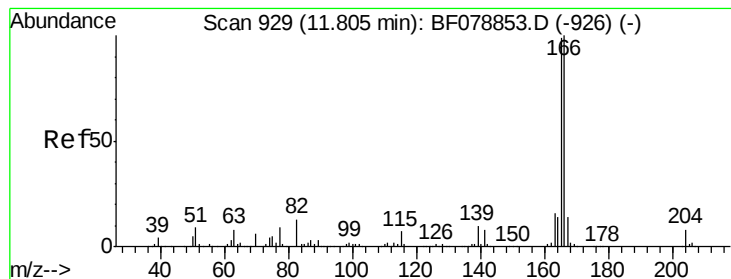
Tgt Ion:139 Resp: 184624
Ion Ratio Lower Upper
139 100
109 60.5 47.6 87.6
65 77.4 54.3 94.3



#56
2,4-Dinitrotoluene
Concen: 36.71 ng
RT: 11.32 min Scan# 887
Delta R.T. -0.05 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

Tgt Ion:165 Resp: 122375
Ion Ratio Lower Upper
165 100
63 48.9 51.2 76.8#
89 69.4 82.7 124.1#
182 2.3 1.4 2.2#





#57

Fluorene

Concen: 34.53 ng

RT: 11.76 min Scan# 925

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampled :

PB83154BS

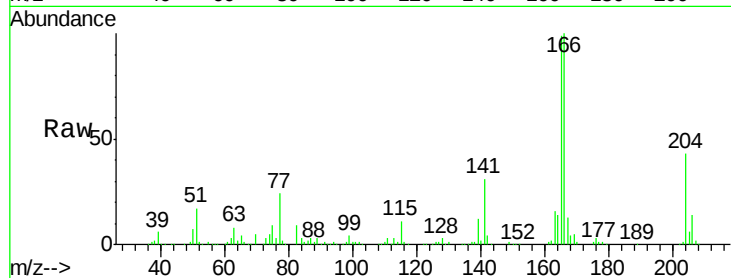
Tgt Ion:166 Resp: 432804

Ion Ratio Lower Upper

166 100

165 99.0 78.5 117.7

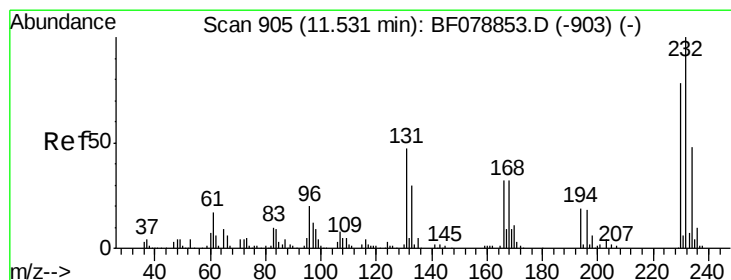
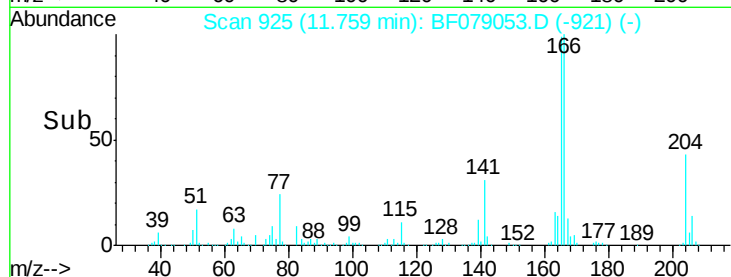
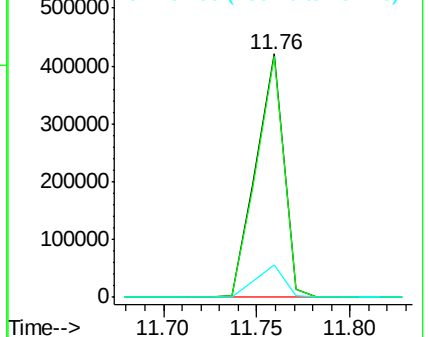
167 13.1 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.72 ng

RT: 11.48 min Scan# 901

Delta R.T. -0.05 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Tgt Ion:232 Resp: 96689

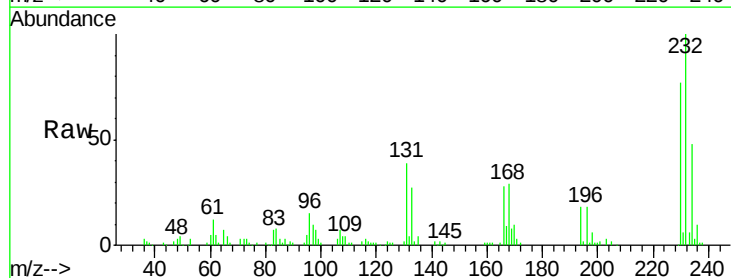
Ion Ratio Lower Upper

232 100

131 50.2 0.0 0.0#

130 2.4 0.0 0.0#

166 33.0 0.0 0.0#

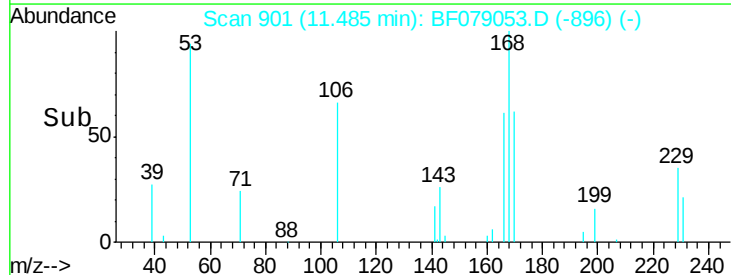
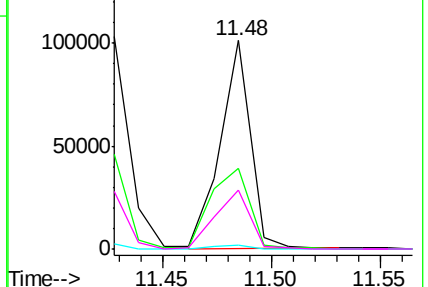


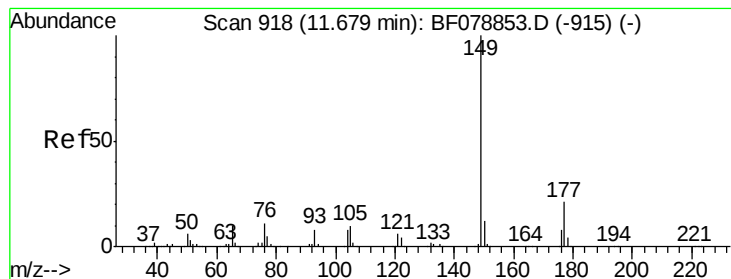
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.35 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

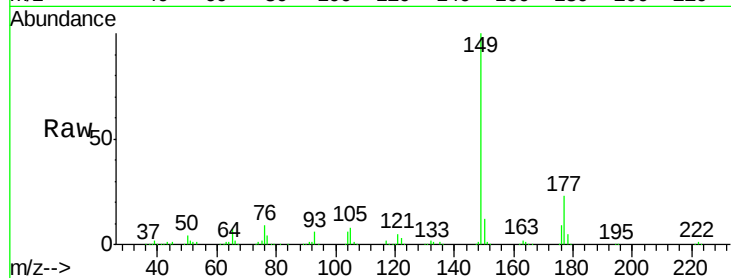
Tgt Ion:149 Resp: 434833

Ion Ratio Lower Upper

149 100

177 22.8 17.5 26.3

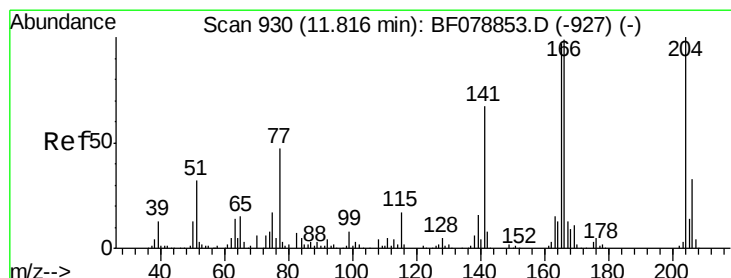
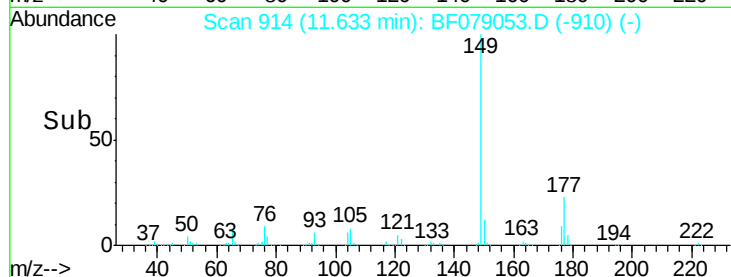
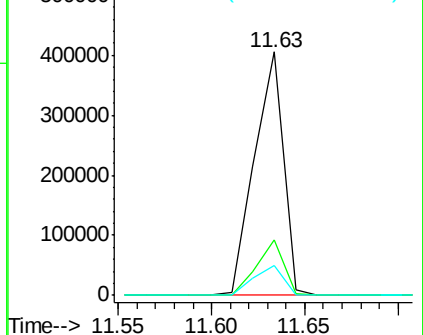
150 12.2 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.39 ng

RT: 11.76 min Scan# 925

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

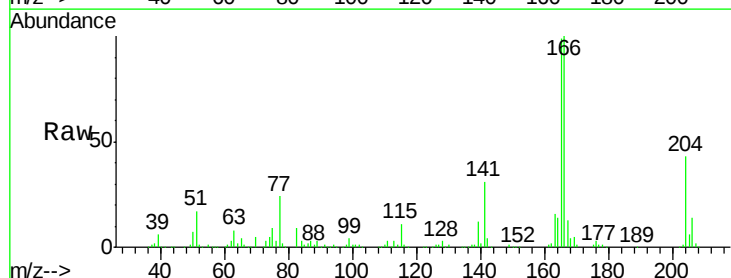
Tgt Ion:204 Resp: 185647

Ion Ratio Lower Upper

204 100

206 32.4 26.9 40.3

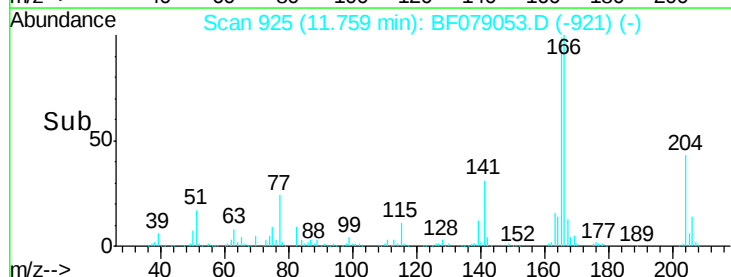
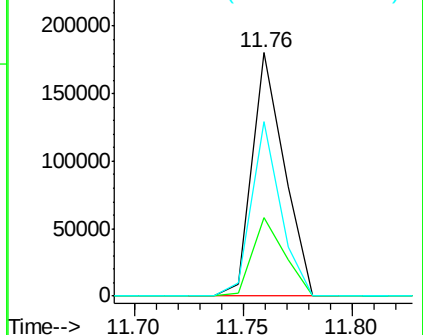
141 71.8 48.3 72.5

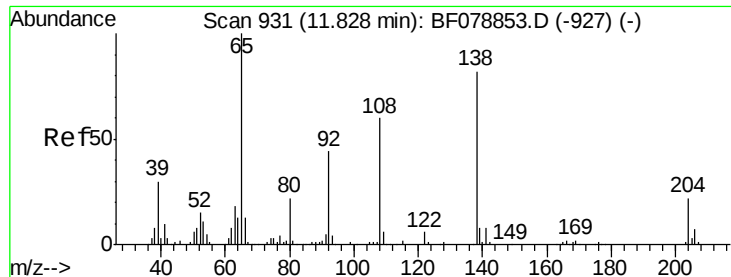


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

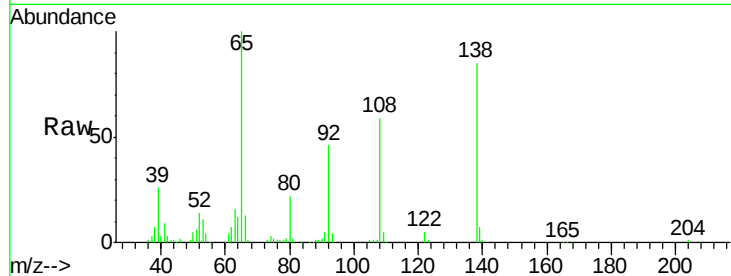




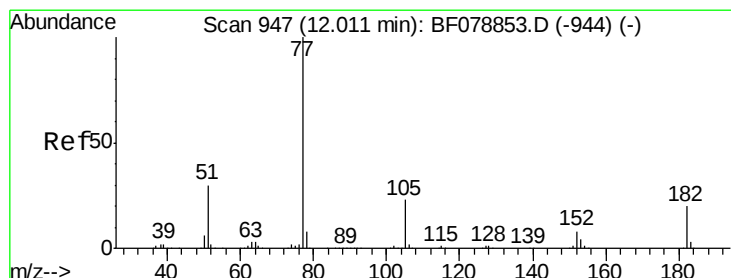
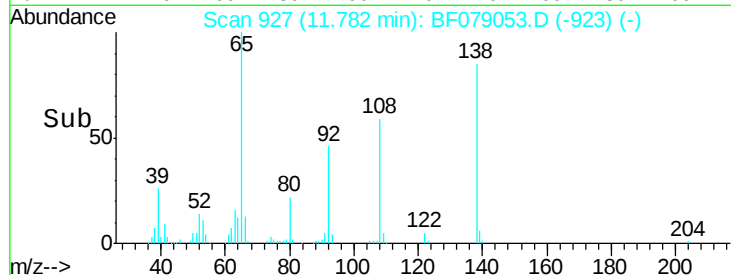
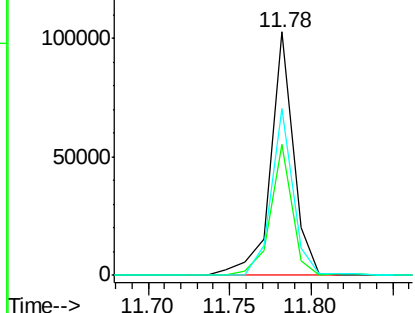
#61
4-Nitroaniline
Concen: 31.87 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.06 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

Instrument :
BNA_F
ClientSampleId :
PB83154BS

Tgt Ion: 138 Resp: 100416
Ion Ratio Lower Upper
138 100
92 53.6 28.0 68.0
108 68.7 56.3 96.3

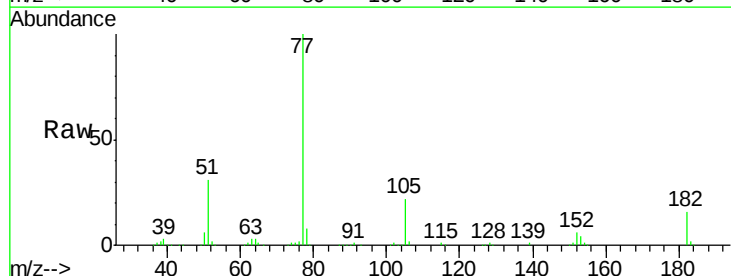


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

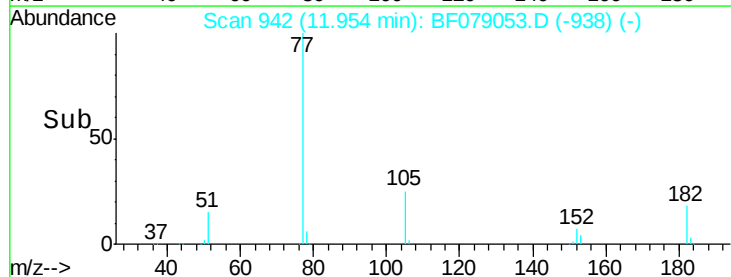
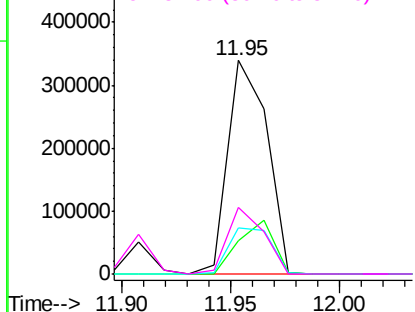


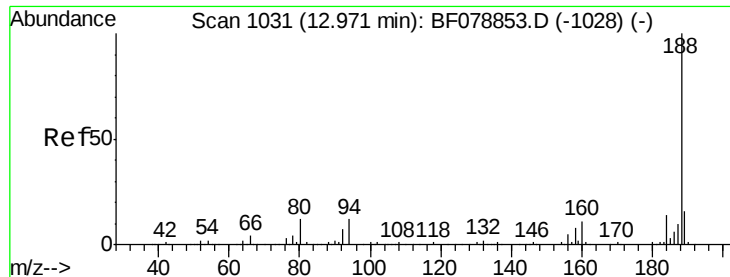
#62
Azobenzene
Concen: 33.99 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.06 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

Tgt Ion: 77 Resp: 423952
Ion Ratio Lower Upper
77 100
182 15.6 3.8 43.8
105 21.6 3.9 43.9
51 31.3 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

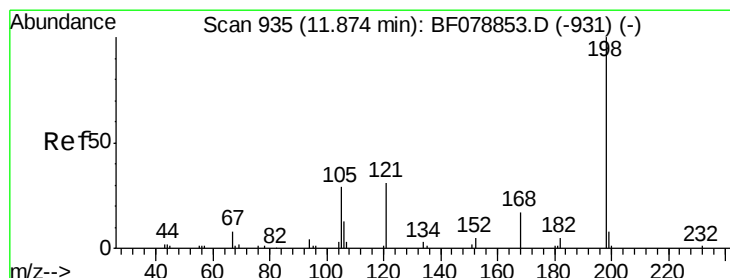
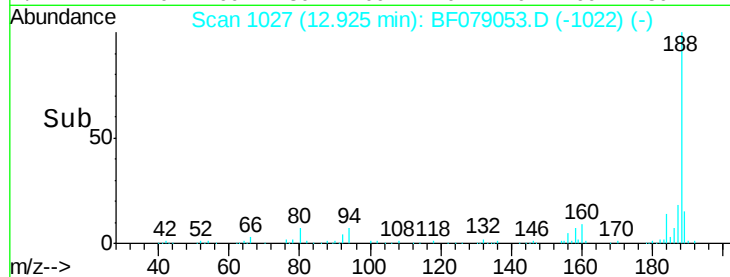
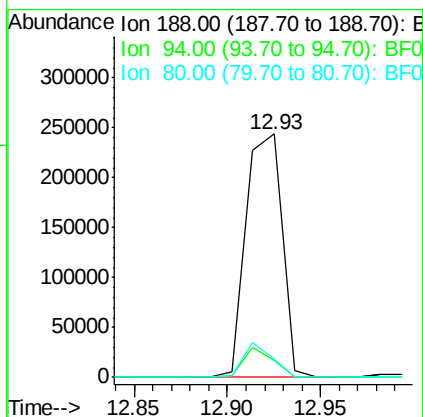
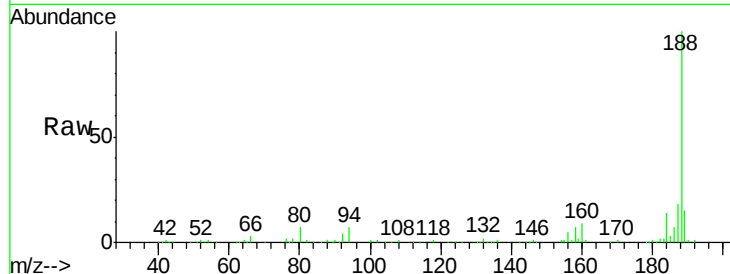




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

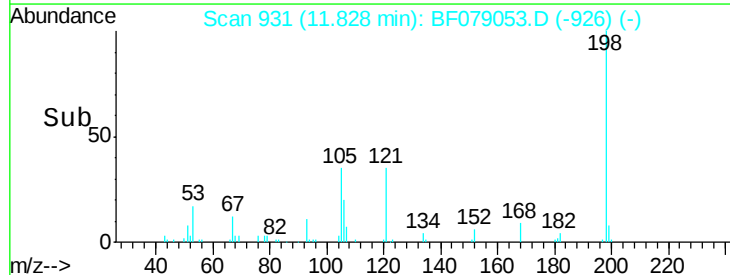
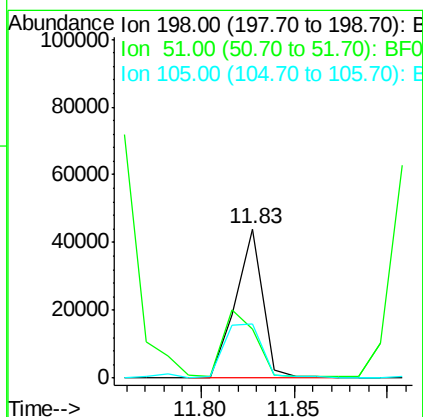
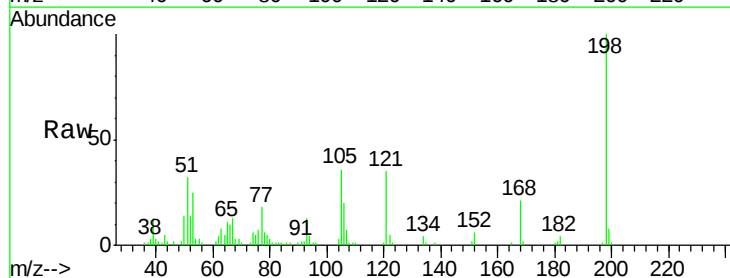
Instrument :
BNA_F
ClientSampleId :
PB83154BS

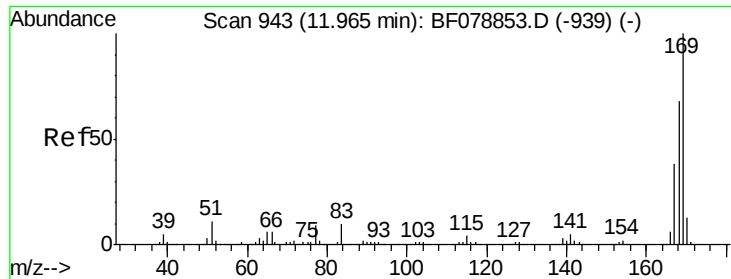
Tgt Ion:188 Resp: 332597
Ion Ratio Lower Upper
188 100
94 7.2 8.2 12.2#
80 7.4 8.9 13.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.30 ng
RT: 11.83 min Scan# 931
Delta R.T. -0.05 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

Tgt Ion:198 Resp: 45287
Ion Ratio Lower Upper
198 100
51 32.5 47.3 87.3#
105 36.2 38.8 78.8#

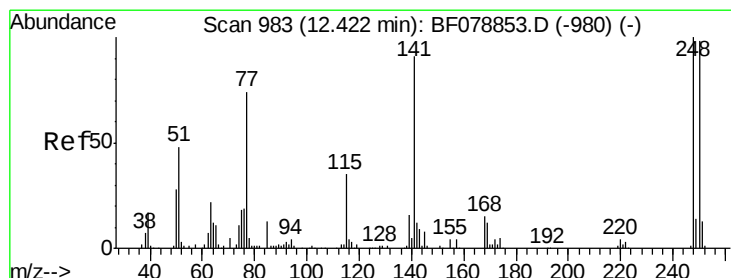
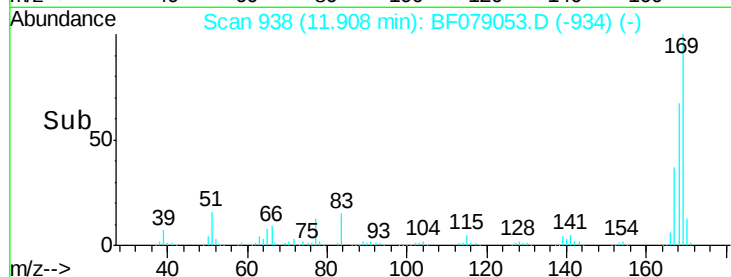
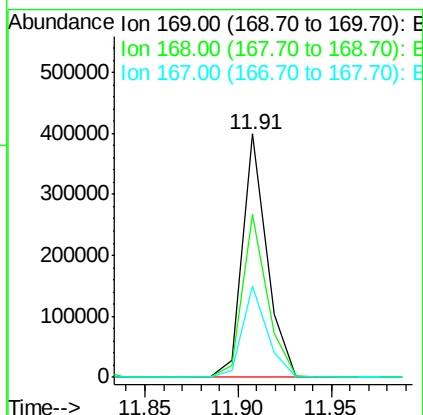
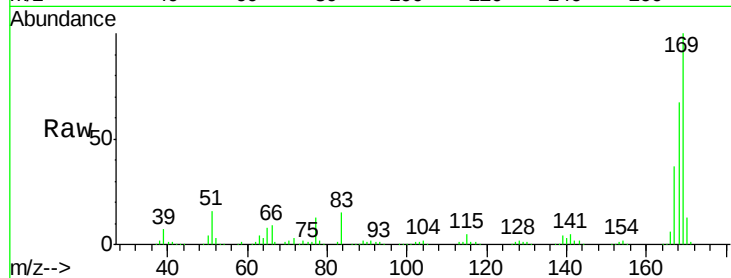




#65
 n-Nitrosodiphenylamine
 Concen: 32.97 ng
 RT: 11.91 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

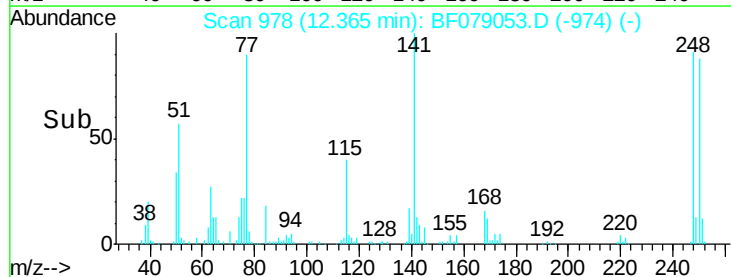
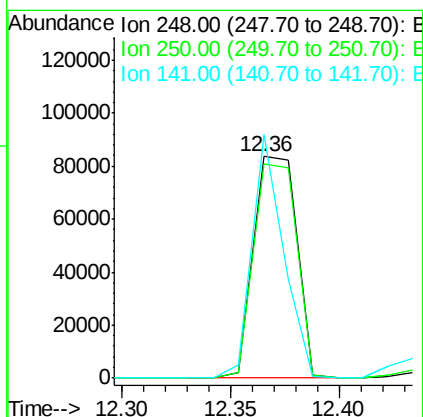
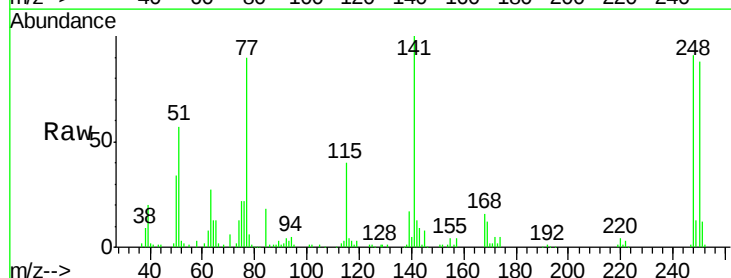
Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

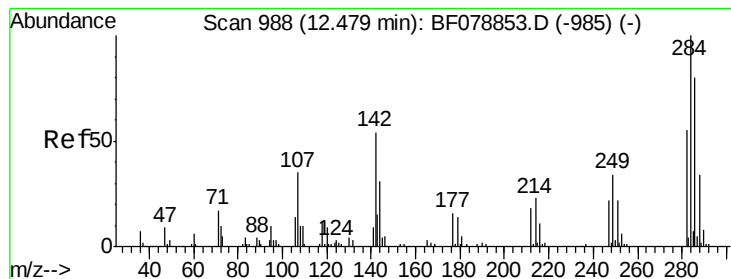
Tgt Ion:169 Resp: 365144
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.6 82.0
 167 37.3 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 33.49 ng
 RT: 12.36 min Scan# 978
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion:248 Resp: 116118
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.1 115.7
 141 109.8 58.8 88.2#





#67

Hexachlorobenzene

Concen: 33.56 ng

RT: 12.43 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

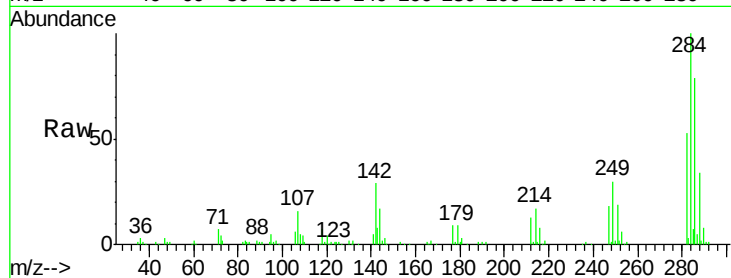
Tgt Ion:284 Resp: 132976

Ion Ratio Lower Upper

284 100

142 29.5 35.2 52.8#

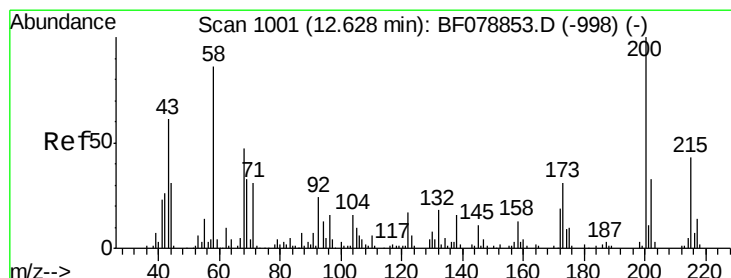
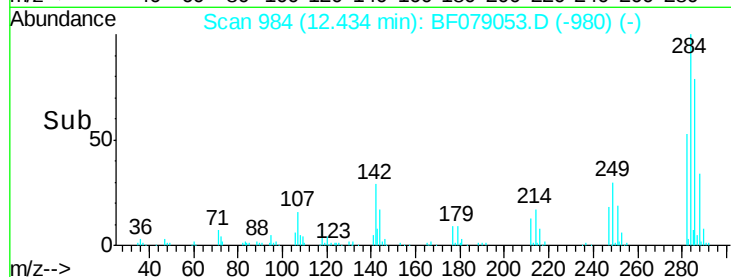
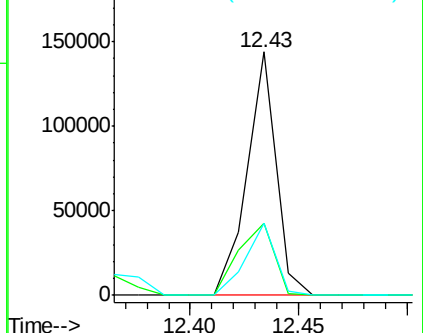
249 29.8 25.4 38.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.42 ng

RT: 12.58 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

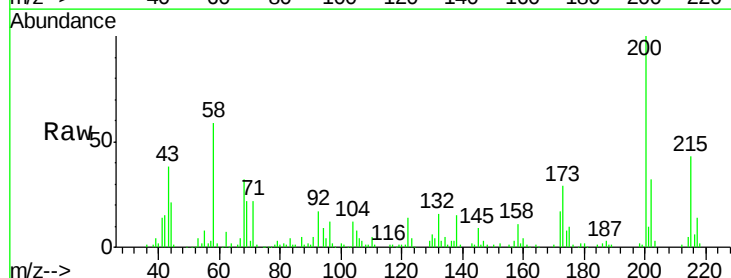
Tgt Ion:200 Resp: 114103

Ion Ratio Lower Upper

200 100

173 28.6 8.1 48.1

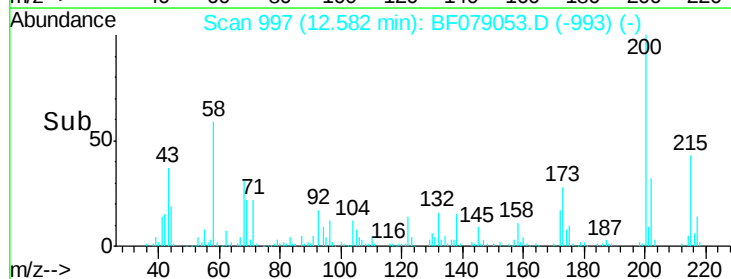
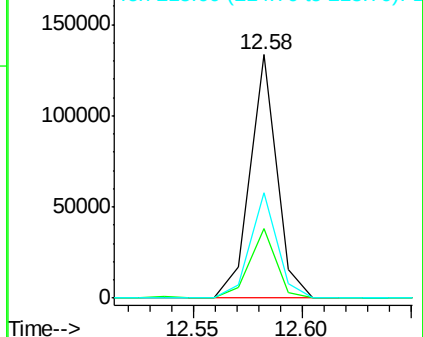
215 43.2 22.9 62.9

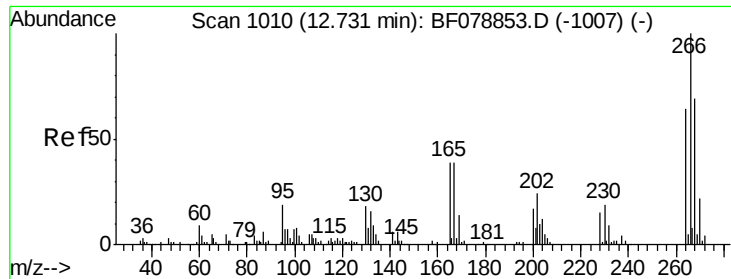


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

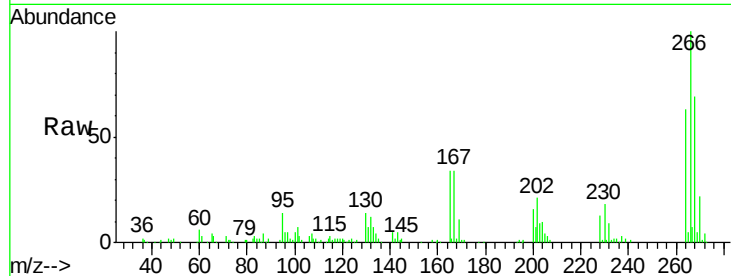




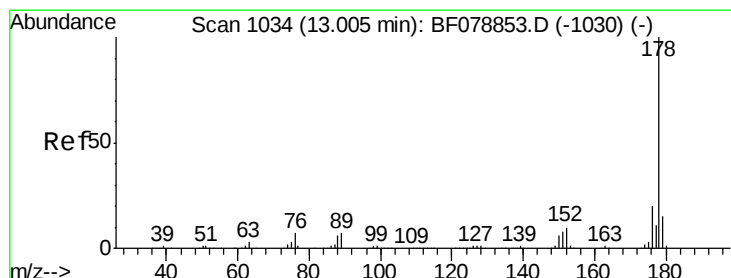
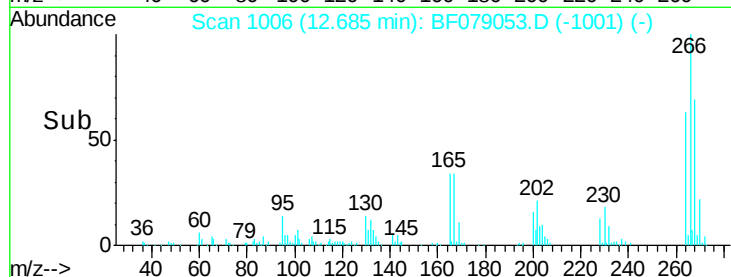
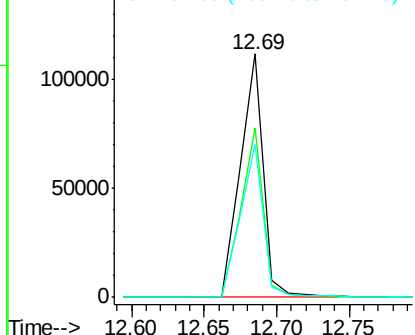
#69
 Pentachlorophenol
 Concen: 55.20 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. -0.04 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Tgt Ion: 266 Resp: 122594
 Ion Ratio Lower Upper
 266 100
 268 69.4 55.0 82.6
 264 62.8 48.2 72.2

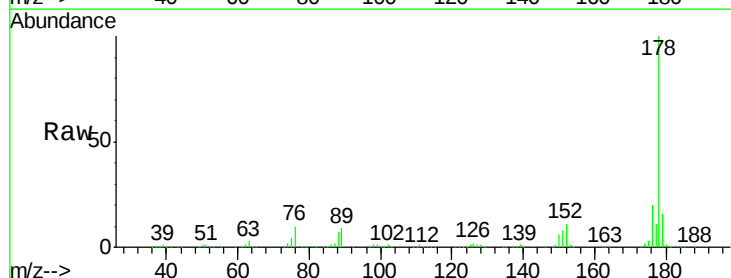


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

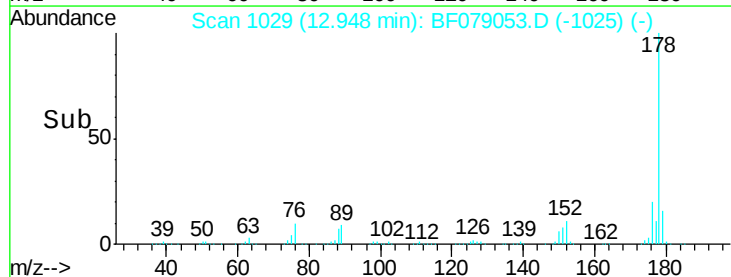
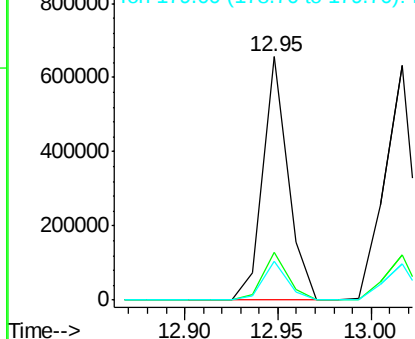


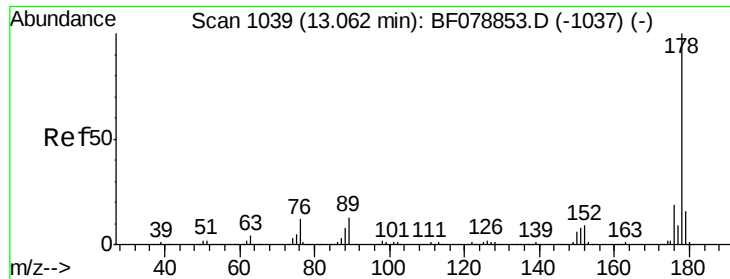
#70
 Phenanthrene
 Concen: 32.79 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion: 178 Resp: 610144
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.9 12.5 18.7



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

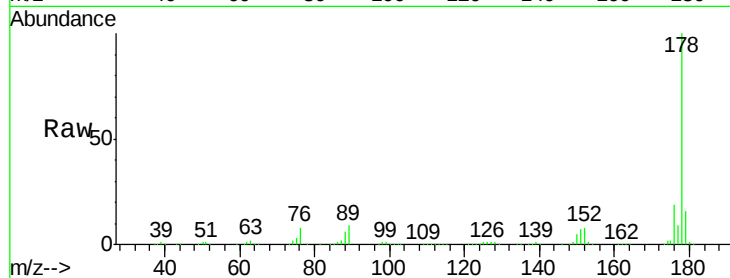




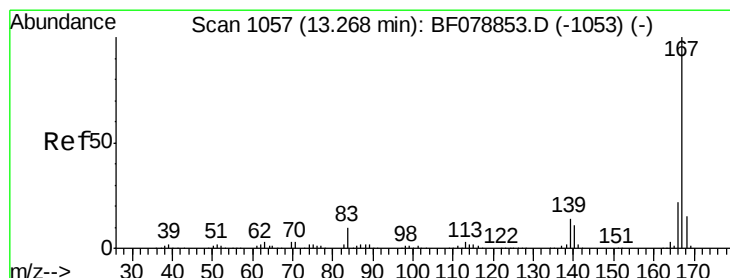
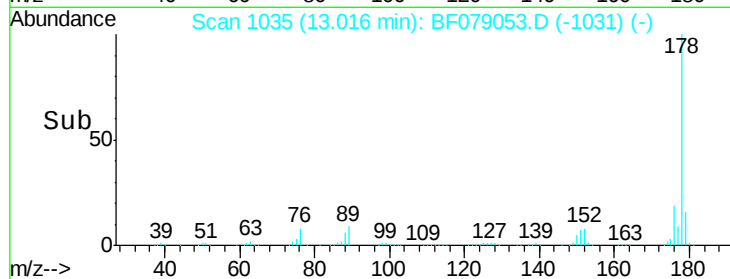
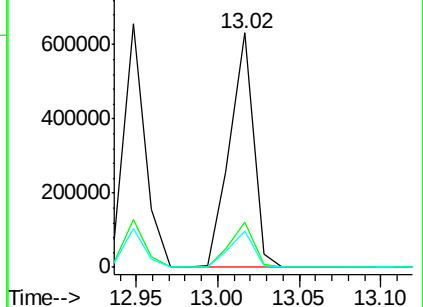
#71
 Anthracene
 Concen: 34.95 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

Tgt Ion:178 Resp: 638016
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.7 12.7 19.1

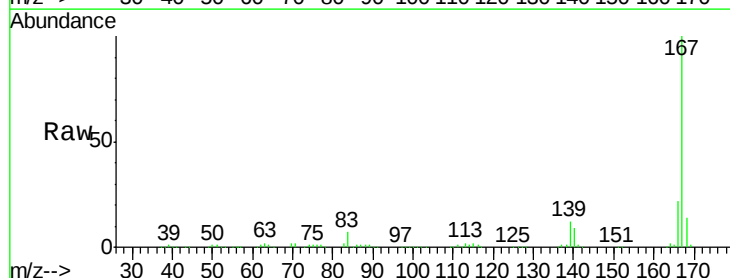


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

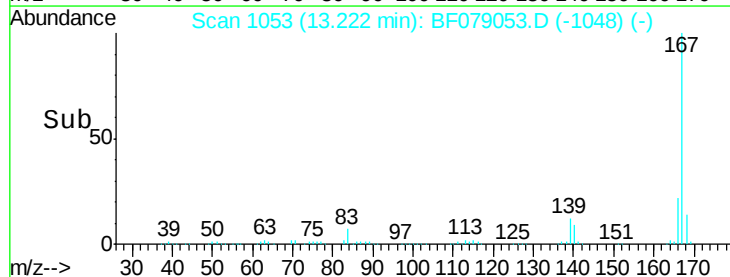
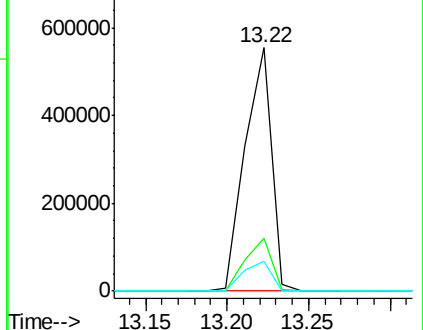


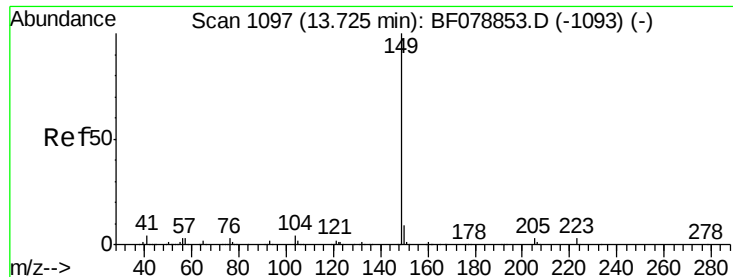
#72
 Carbazole
 Concen: 35.75 ng
 RT: 13.22 min Scan# 1053
 Delta R.T. -0.05 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion:167 Resp: 621938
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.8
 139 12.4 10.6 16.0



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





#73

Di-n-butylphthalate

Concen: 34.45 ng

RT: 13.67 min Scan# 1092

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

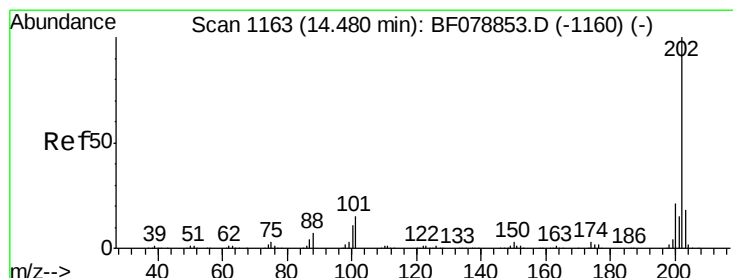
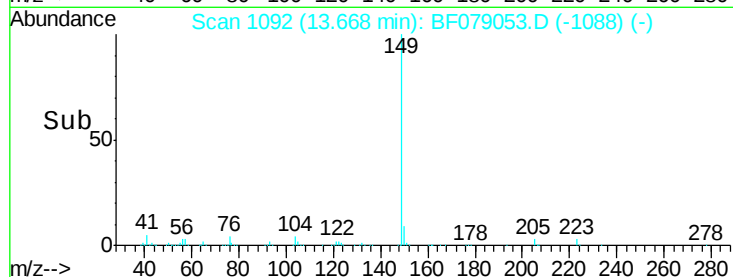
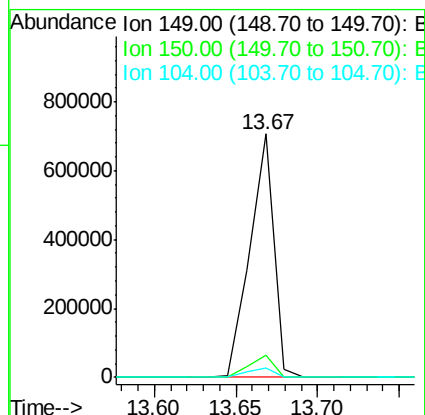
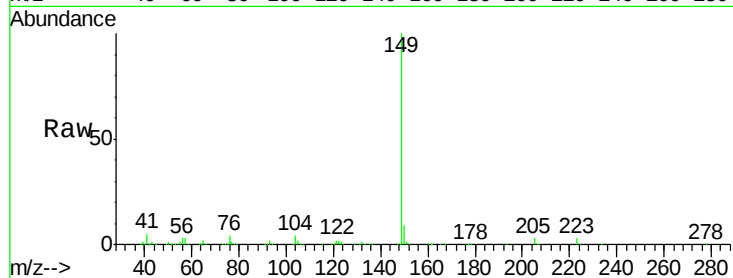
Tgt Ion:149 Resp: 718709

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

104 4.0 4.6 7.0#



#74

Fluoranthene

Concen: 33.96 ng

RT: 14.43 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

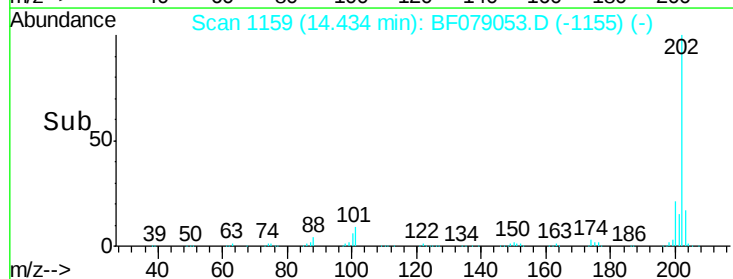
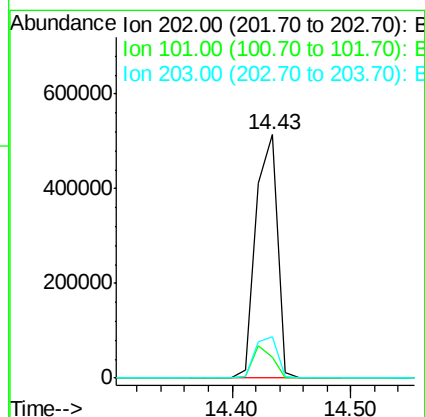
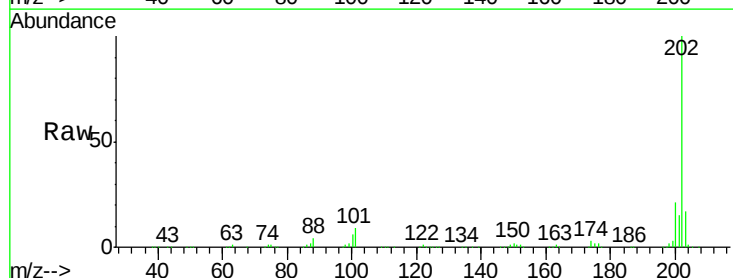
Tgt Ion:202 Resp: 658486

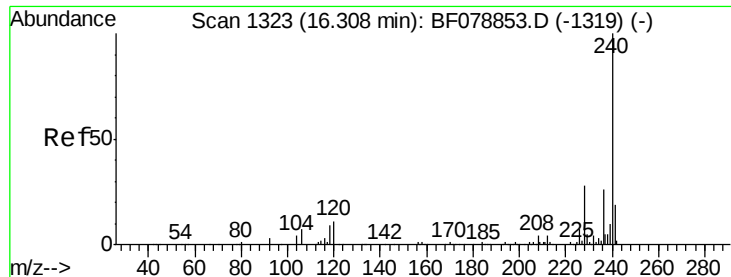
Ion Ratio Lower Upper

202 100

101 8.7 0.0 34.6

203 17.2 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.22 min Scan# 1315

Delta R.T. -0.08 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

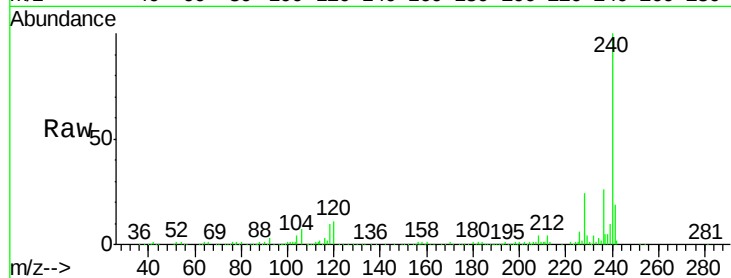
Tgt Ion:240 Resp: 321242

Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

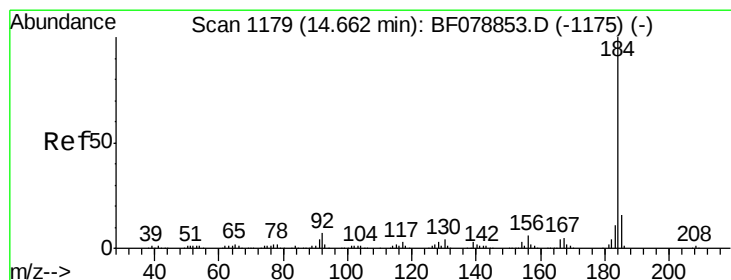
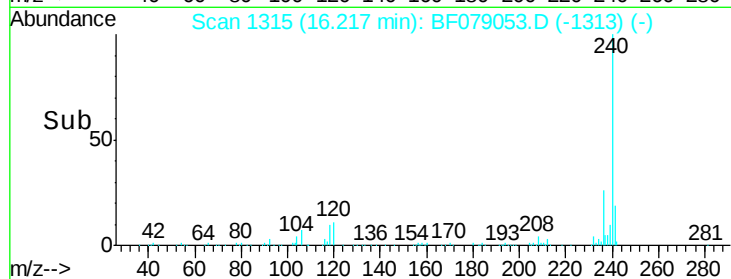
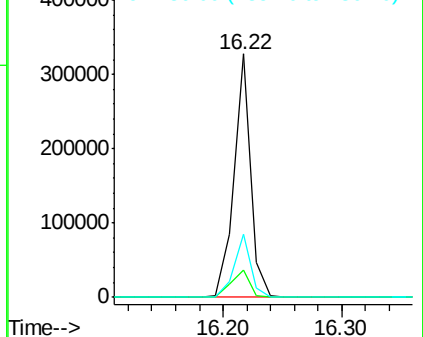
236 25.8 20.2 30.4



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: 35.69 ng

RT: 14.61 min Scan# 1174

Delta R.T. -0.06 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

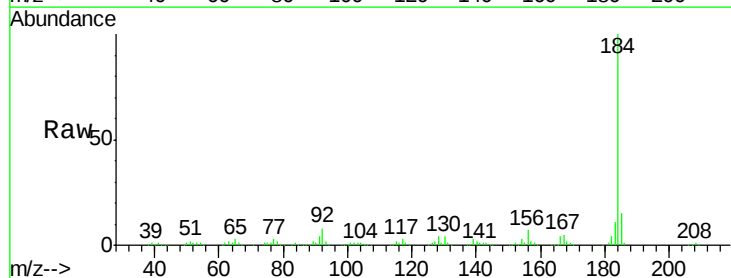
Tgt Ion:184 Resp: 309015

Ion Ratio Lower Upper

184 100

185 14.8 12.3 18.5

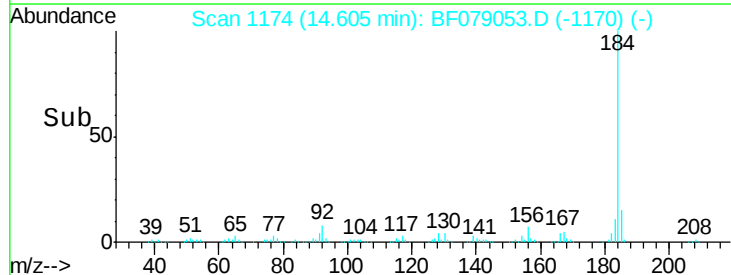
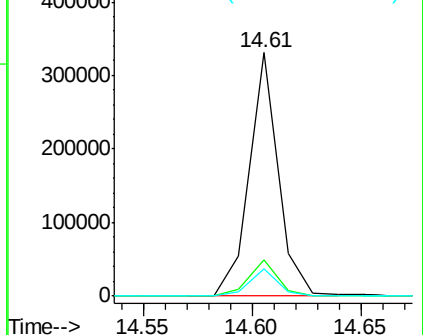
183 11.1 8.4 12.6

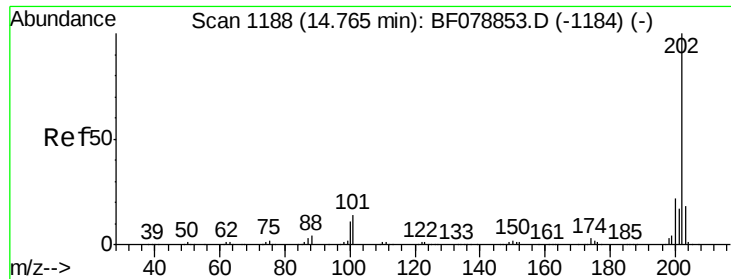


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

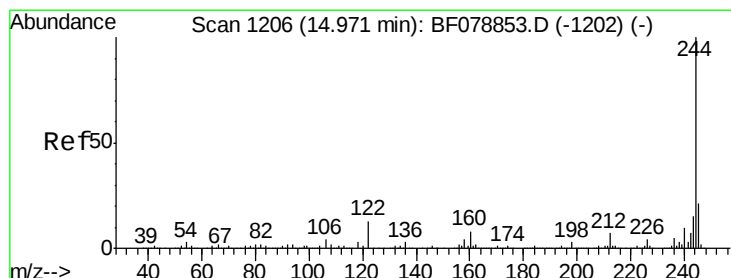
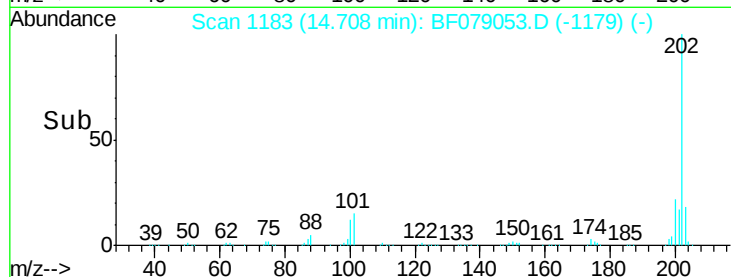
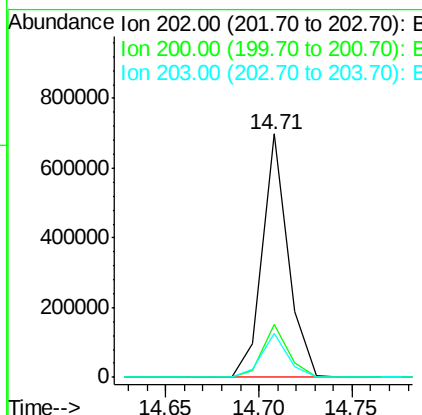
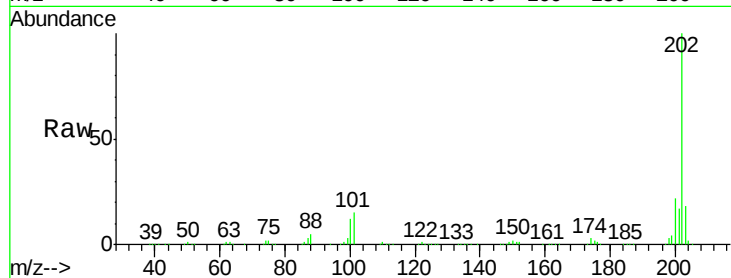




#77
 Pyrene
 Concen: 36.63 ng
 RT: 14.71 min Scan# 1183
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

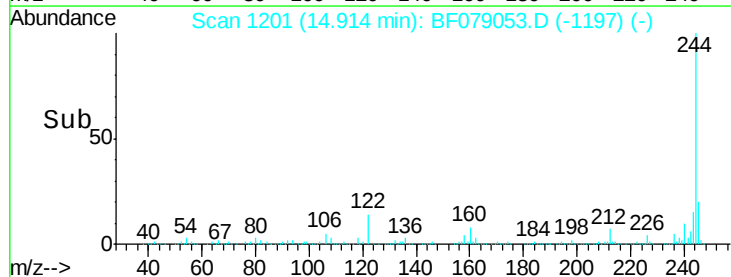
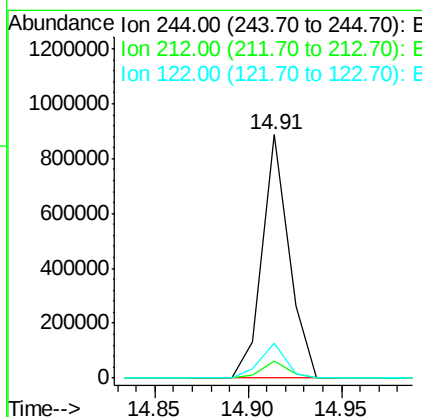
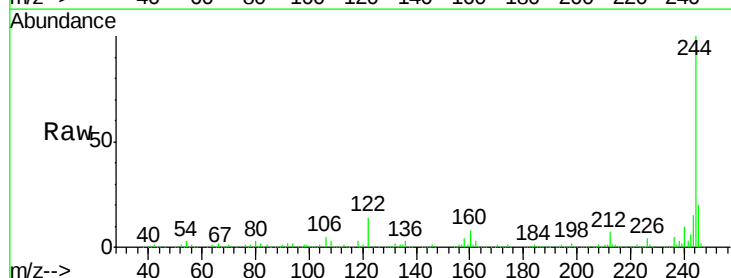
Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

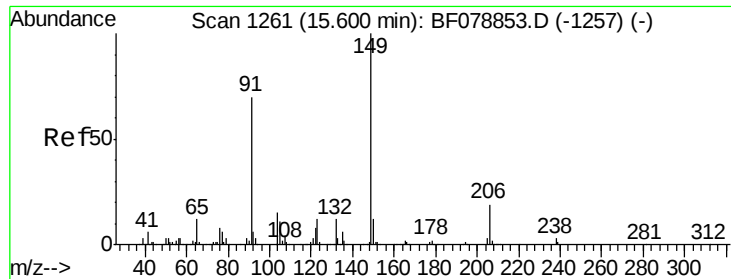
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.5	26.3
203	18.0	13.9	20.9



#78
 Terphenyl-d14
 Concen: 65.80 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.06 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	14.1	10.3	15.5

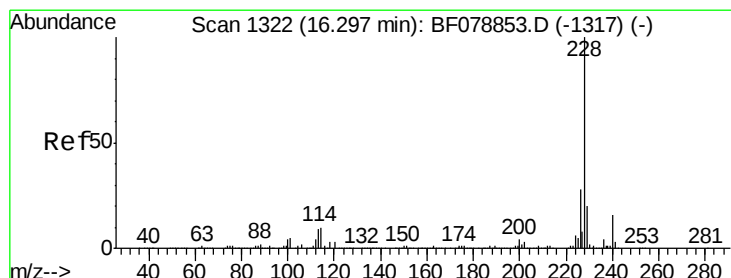
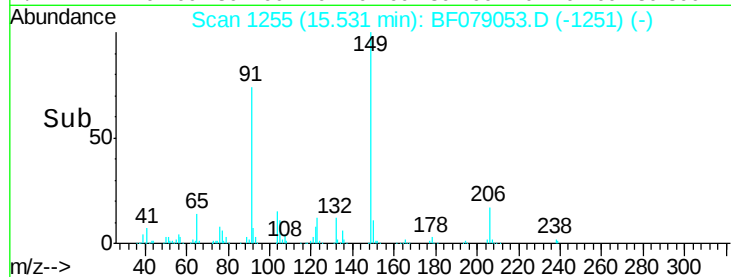
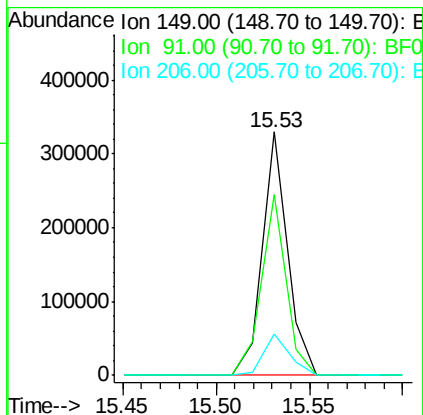
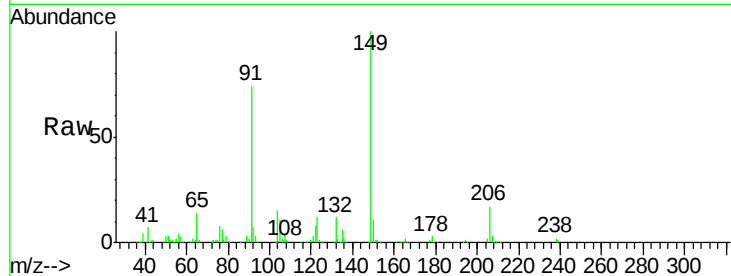




#79
Butylbenzylphthalate
Concen: 37.97 ng
RT: 15.53 min Scan# 1255
Delta R.T. -0.06 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

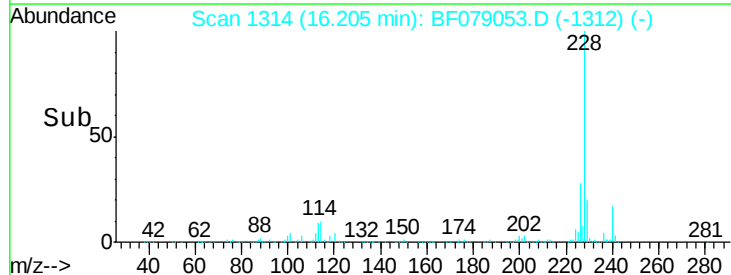
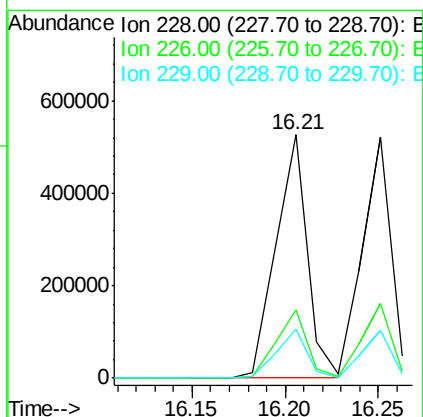
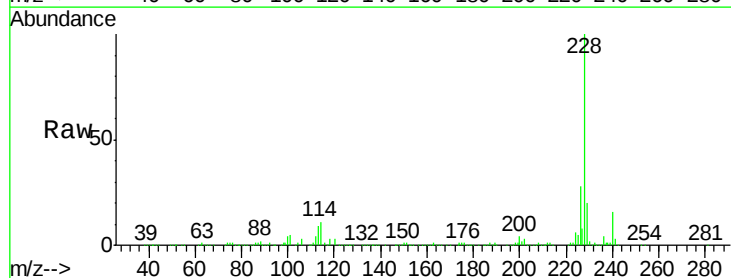
Instrument :
BNA_F
ClientSampleId :
PB83154BS

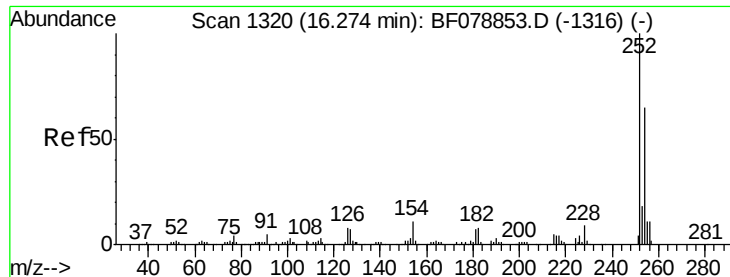
Tgt Ion:149 Resp: 307248
Ion Ratio Lower Upper
149 100
91 74.2 64.6 97.0
206 16.8 12.2 18.4



#80
Benzo(a)anthracene
Concen: 34.94 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.08 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

Tgt Ion:228 Resp: 614699
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.2 15.9 23.9

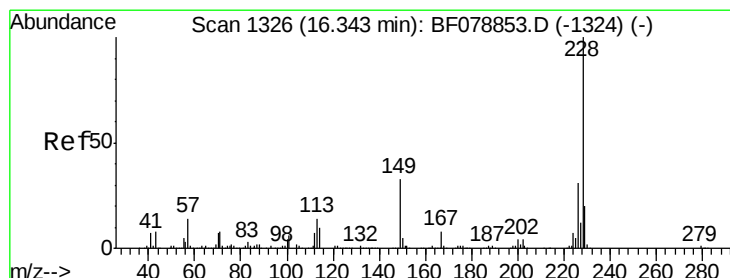
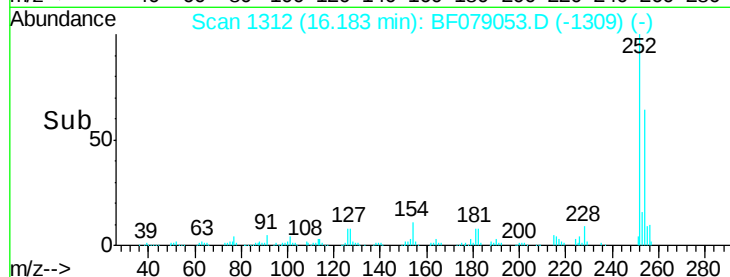
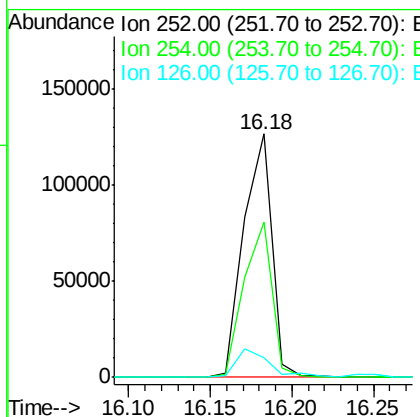
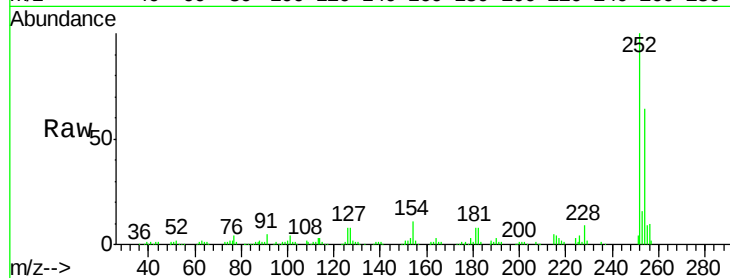




#81
 3,3'-Dichlorobenzidine
 Concen: 24.34 ng
 RT: 16.18 min Scan# 1312
 Delta R.T. -0.07 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

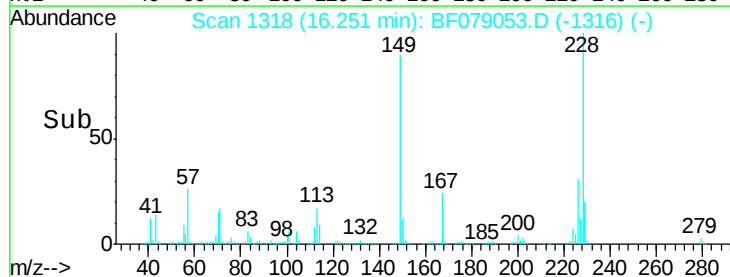
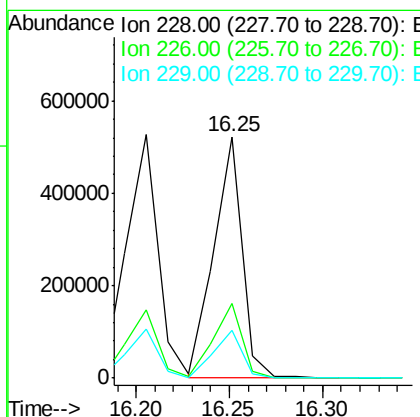
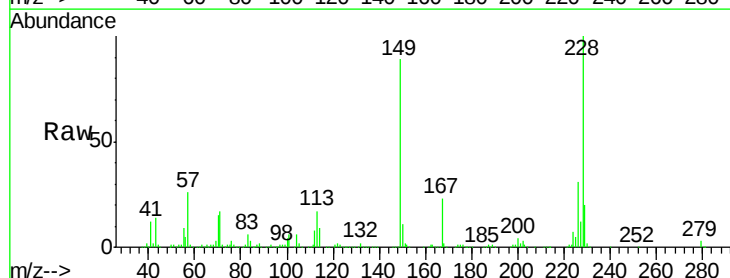
Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

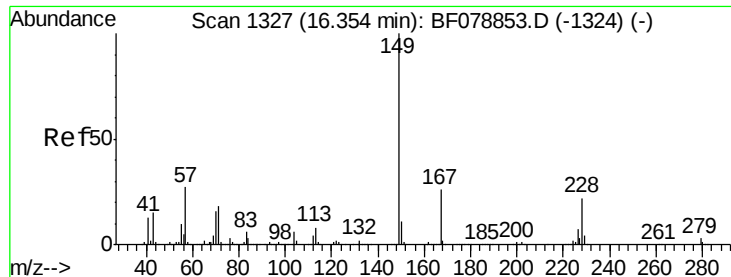
Tgt Ion:252 Resp: 152489
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.3 76.9
 126 8.0 6.6 10.0



#82
 Chrysene
 Concen: 32.71 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.08 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion:228 Resp: 553498
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.8 16.0 24.0

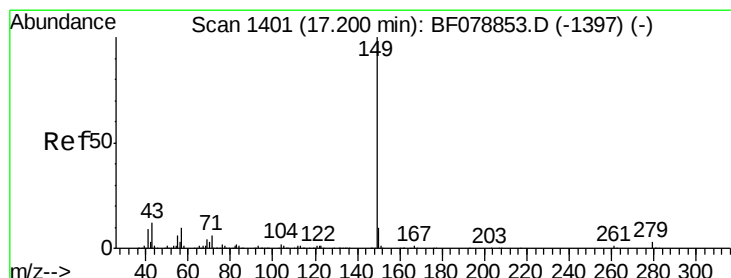
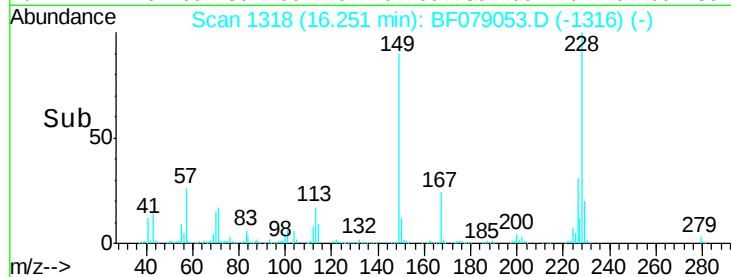
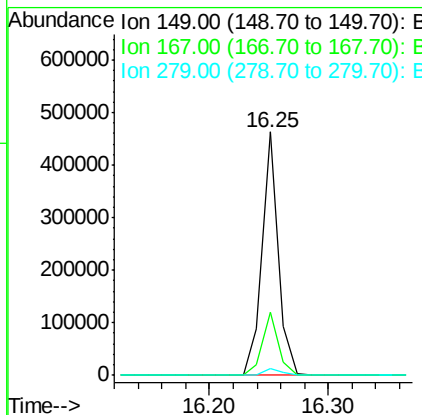
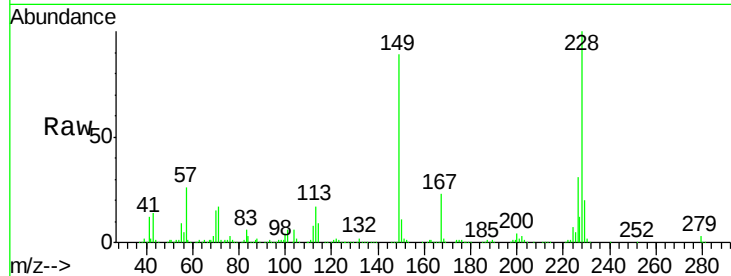




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.54 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.08 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

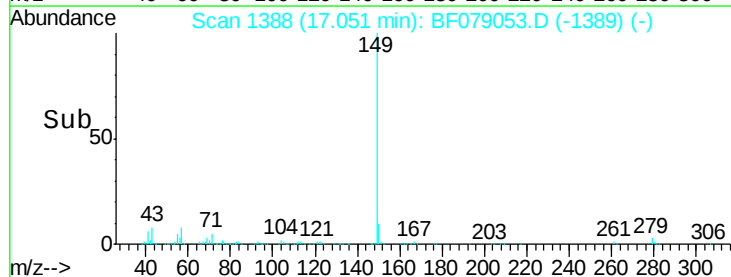
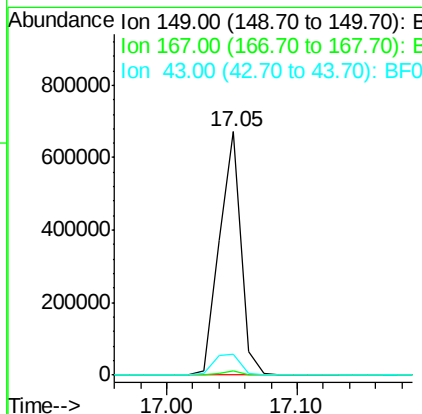
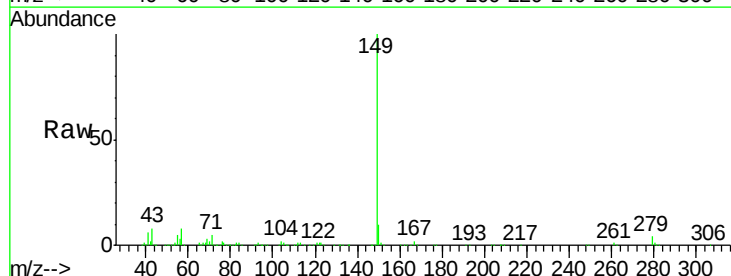
Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

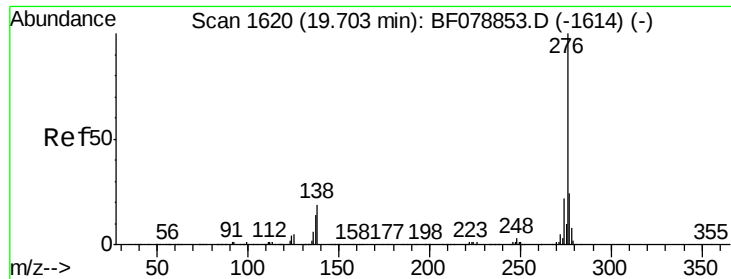
Tgt Ion:149 Resp: 447796
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.8 32.8
 279 2.8 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 35.88 ng
 RT: 17.05 min Scan# 1388
 Delta R.T. -0.11 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion:149 Resp: 774529
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 10.6 0.0 0.0#

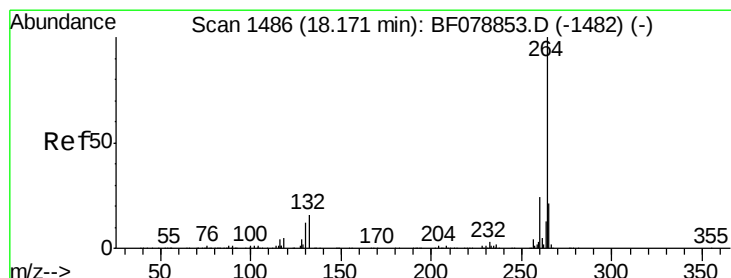
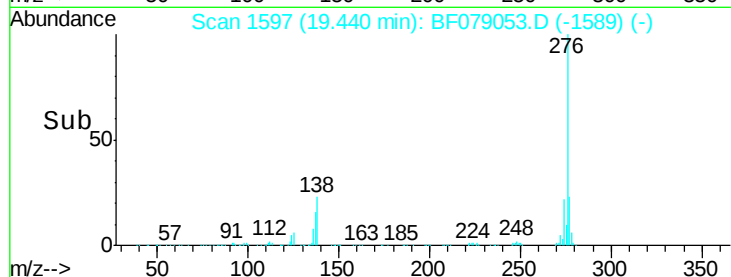
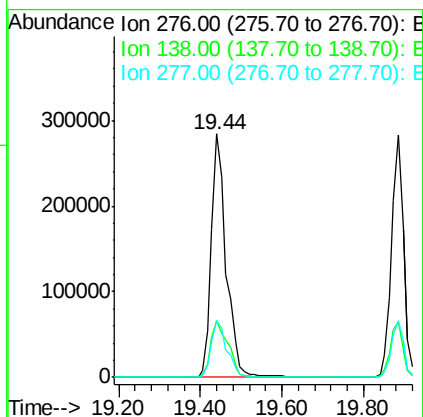
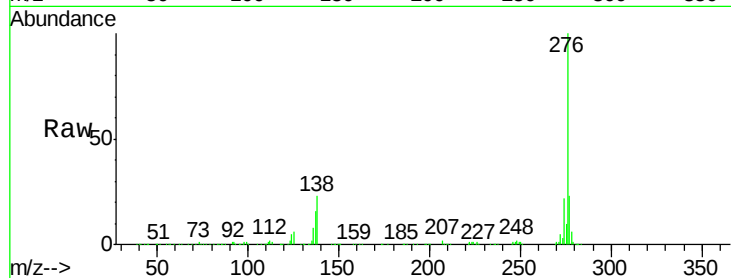




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.42 ng
 RT: 19.44 min Scan# 1597
 Delta R.T. -0.21 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

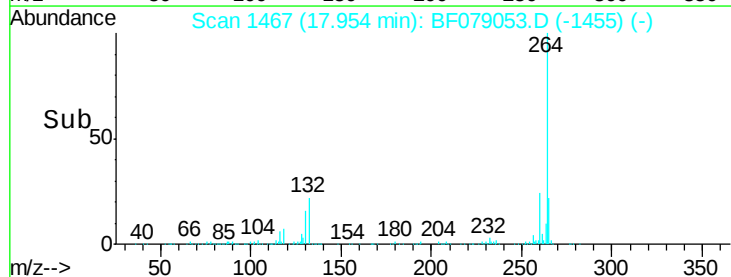
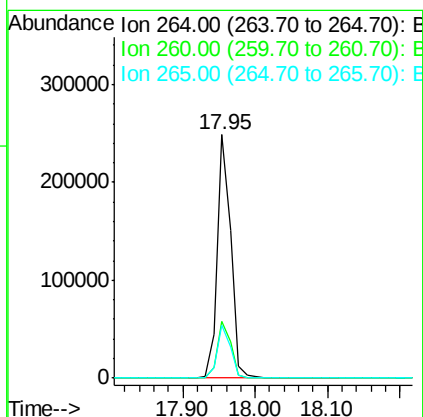
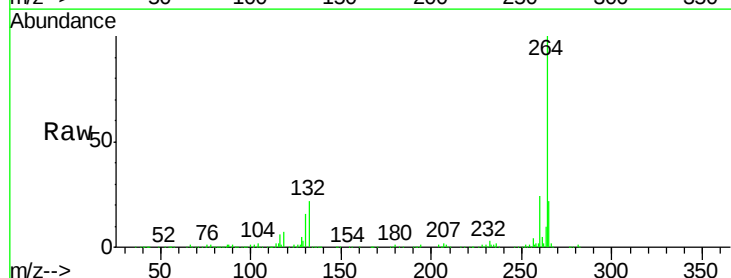
Instrument :
 BNA_F
 ClientSampleId :
 PB83154BS

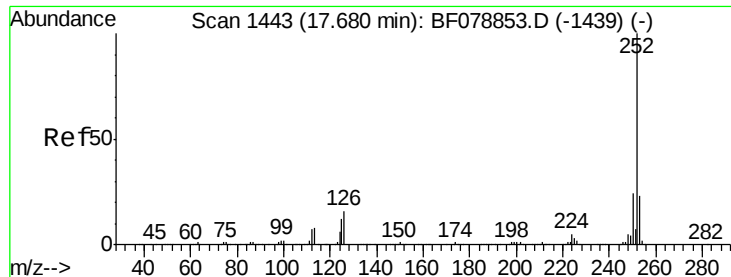
Tgt Ion: 276 Resp: 720523
 Ion Ratio Lower Upper
 276 100
 138 27.3 0.0 0.0#
 277 24.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.95 min Scan# 1467
 Delta R.T. -0.16 min
 Lab File: BF079053.D
 Acq: 8 May 2015 22:33

Tgt Ion: 264 Resp: 321523
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.8 18.3 27.5

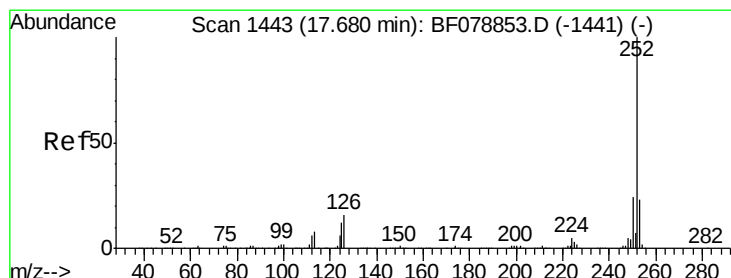
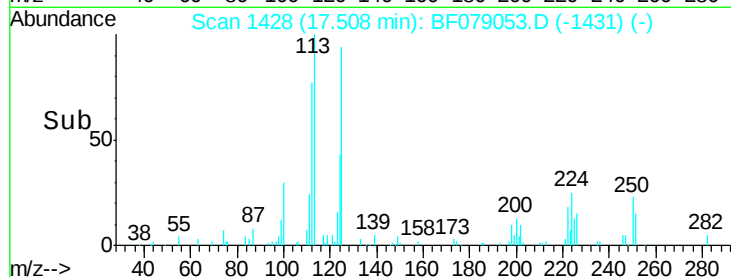
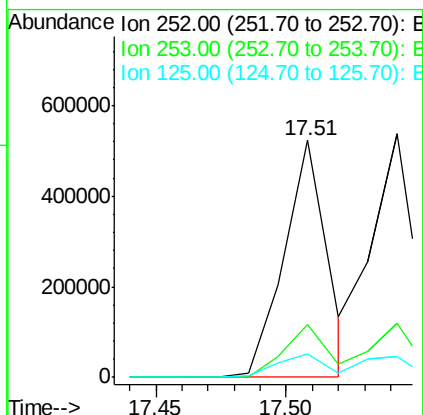
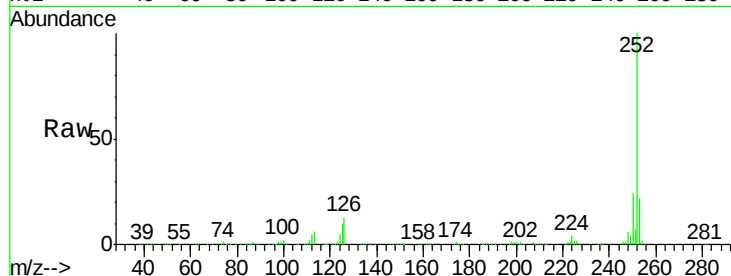




#87
Benzo(b)fluoranthene
Concen: 33.92 ng
RT: 17.51 min Scan# 1428
Delta R.T. -0.14 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

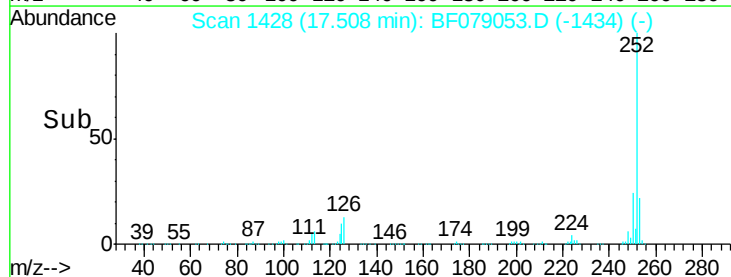
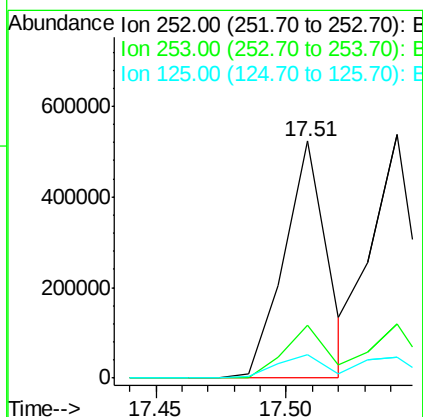
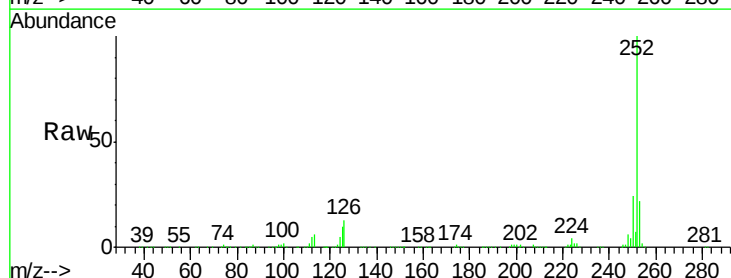
Instrument :
BNA_F
ClientSampleId :
PB83154BS

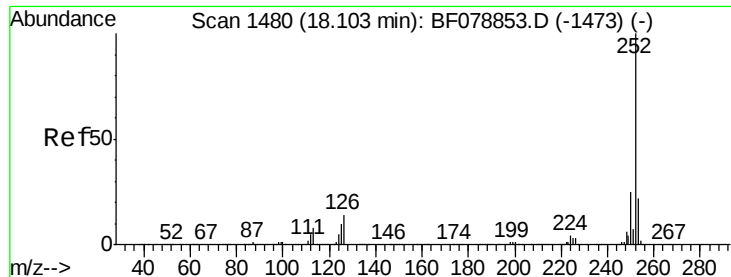
Tgt Ion: 252 Resp: 596983
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.9 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 35.04 ng
RT: 17.51 min Scan# 1428
Delta R.T. -0.17 min
Lab File: BF079053.D
Acq: 8 May 2015 22:33

Tgt Ion: 252 Resp: 596983
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.9 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 36.43 ng

RT: 17.90 min Scan# 1462

Delta R.T. -0.15 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

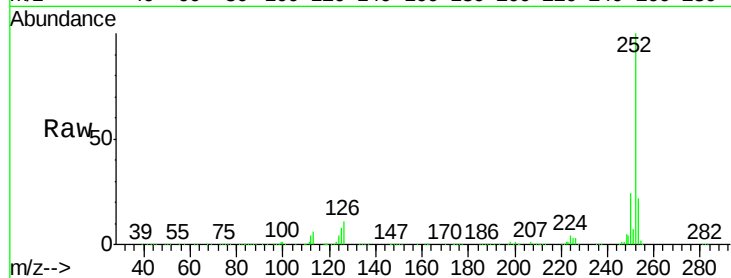
Tgt Ion:252 Resp: 590333

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

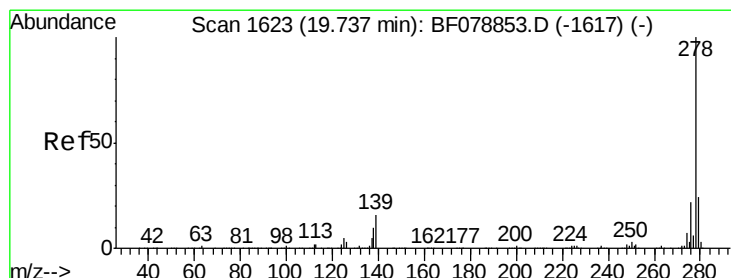
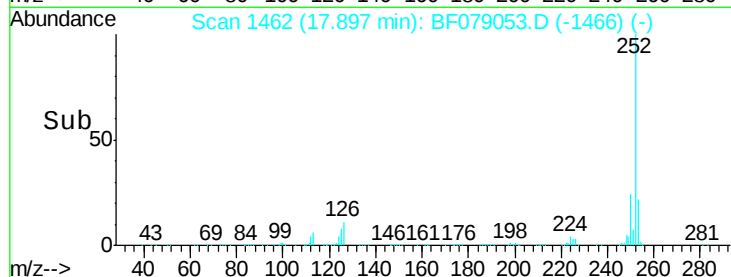
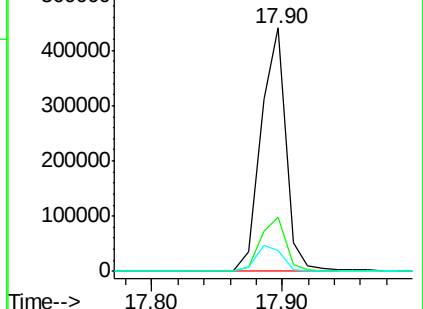
125 8.4 7.0 10.6



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: 32.33 ng

RT: 19.47 min Scan# 1600

Delta R.T. -0.21 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

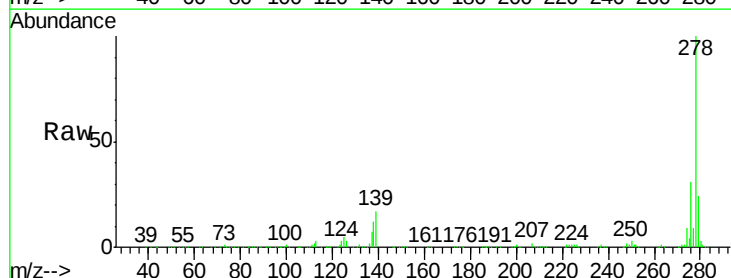
Tgt Ion:278 Resp: 556792

Ion Ratio Lower Upper

278 100

139 16.8 12.8 19.2

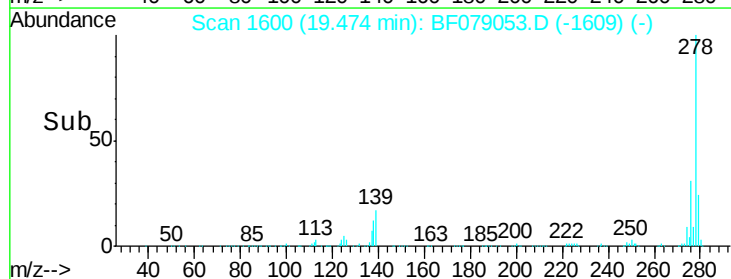
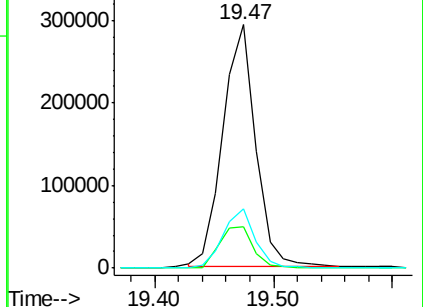
279 24.3 19.6 29.4

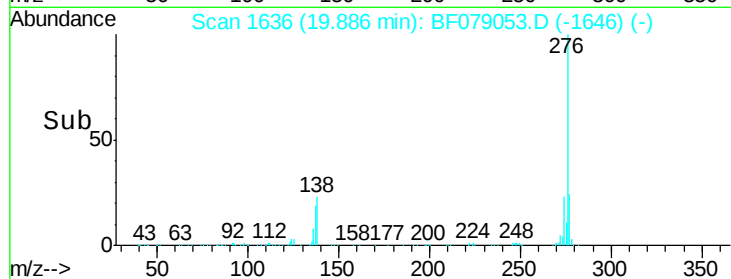
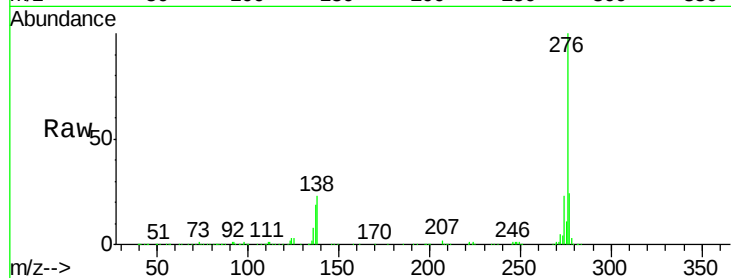
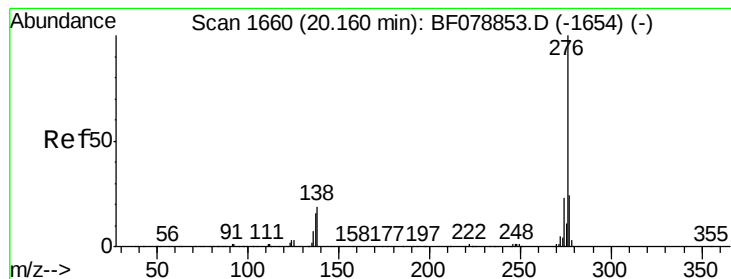


Abundance Ion 278.00 (277.70 to 278.70): E

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: 32.11 ng

RT: 19.89 min Scan# 1636

Delta R.T. -0.22 min

Lab File: BF079053.D

Acq: 8 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PB83154BS

Tgt Ion: 276 Resp: 554295

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 22.9 17.4 26.0

