

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079045.D
 Acq On : 8 May 2015 18:45
 Operator : TP/IZ
 Sample : PB83253BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

Quant Time: May 08 23:03:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	78035	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	323094	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	158472	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	298627	20.00	ng	0.00
75) Chrysene-d12	16.22	240	292372	20.00	ng	-0.03
86) Perylene-d12	17.91	264	294113	20.00	ng	-0.17

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	368809	81.36	ng	0.00
7) Phenol-d6	6.88	99	468143	78.12	ng	-0.01
23) Nitrobenzene-d5	8.01	82	449459	79.95	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	130609	76.18	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	912874	80.26	ng	-0.01
78) Terphenyl-d14	14.91	244	1046997	85.74	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	62655	31.79	ng	# 33
3) Pyridine	3.05	79	201732	34.97	ng	95
4) n-Nitrosodimethylamine	2.97	42	74296	30.06	ng	89
6) Aniline	6.91	93	168662	19.94	ng	99
8) 2-Chlorophenol	7.05	128	188064	36.58	ng	97
9) Benzaldehyde	6.78	77	111938	27.73	ng	95
10) Phenol	6.90	94	256624	36.92	ng	92
11) bis(2-Chloroethyl)ether	7.00	93	175857	34.51	ng	96
12) 1,3-Dichlorobenzene	7.24	146	200269	34.65	ng	93
13) 1,4-Dichlorobenzene	7.35	146	206412	34.71	ng	96
14) 1,2-Dichlorobenzene	7.53	146	193610	34.97	ng	97
15) Benzyl Alcohol	7.50	79	157008	35.30	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.68	45	277121	35.54	ng	99
17) 2-Methylphenol	7.64	107	155139	37.49	ng	97
18) Hexachloroethane	7.94	117	72109	35.20	ng	# 88
19) n-Nitroso-di-n-propylamine	7.84	70	134156	33.15	ng	# 83
20) 3+4-Methylphenols	7.84	107	203675	36.94	ng	# 49
22) Acetophenone	7.83	105	268439	36.77	ng	96
24) Nitrobenzene	8.03	77	189740	34.05	ng	98
25) Isophorone	8.33	82	344399	33.05	ng	99
26) 2-Nitrophenol	8.43	139	88989	38.58	ng	96
27) 2,4-Dimethylphenol	8.49	122	181527	39.33	ng	97
28) bis(2-Chloroethoxy)methane	8.62	93	223530	34.79	ng	99
29) 2,4-Dichlorophenol	8.73	162	159329	38.82	ng	95
30) 1,2,4-Trichlorobenzene	8.83	180	158909	35.25	ng	98
31) Naphthalene	8.92	128	545537	35.44	ng	99
32) Benzoic acid	8.59	122	93242	34.32	ng	96
33) 4-Chloroaniline	8.99	127	118819	18.24	ng	97
34) Hexachlorobutadiene	9.07	225	85778	33.04	ng	97
35) Caprolactam	9.43	113	48896	36.84	ng	92
36) 4-Chloro-3-methylphenol	9.60	107	162717	37.75	ng	96
37) 2-Methylnaphthalene	9.78	142	370246	34.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	145419	32.58	ng	# 100
40) Hexachlorocyclopentadiene	9.98	237	150456	67.04	ng	99

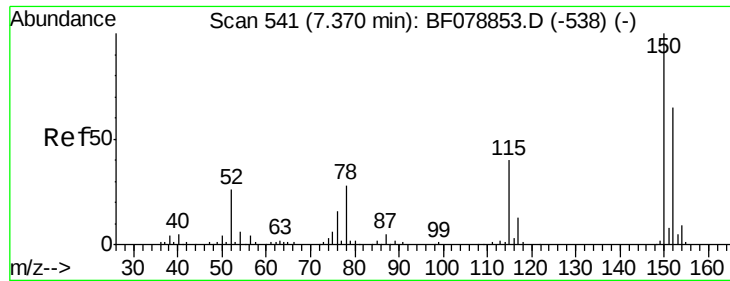
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079045.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	108971	35.51	ng	97
43) 2,4,5-Trichlorophenol	10.18	196	117007	37.72	ng #	92
45) 1,1'-Biphenyl	10.37	154	442176	35.10	ng	98
46) 2-Chloronaphthalene	10.39	162	352599	35.88	ng	96
47) 2-Nitroaniline	10.51	65	100220	35.20	ng	99
48) Acenaphthylene	10.90	152	575101	35.64	ng	99
49) Dimethylphthalate	10.75	163	410344	35.28	ng	100
50) 2,6-Dinitrotoluene	10.82	165	78450	34.18	ng	98
51) Acenaphthene	11.12	154	321909	33.46	ng	99
52) 3-Nitroaniline	11.03	138	70938	24.74	ng #	96
53) 2,4-Dinitrophenol	11.17	184	65445	72.11	ng #	84
54) Dibenzofuran	11.34	168	493072	35.48	ng	94
55) 4-Nitrophenol	11.25	139	170791	75.26	ng	92
56) 2,4-Dinitrotoluene	11.33	165	115008	37.90	ng #	76
57) Fluorene	11.76	166	404769	35.48	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.49	232	91864	36.24	ng #	100
59) Diethylphthalate	11.63	149	396921	34.45	ng	99
60) 4-Chlorophenyl-phenylether	11.76	204	171381	33.87	ng #	87
61) 4-Nitroaniline	11.78	138	95569	33.32	ng	93
62) Azobenzene	11.95	77	399133	35.15	ng	93
64) 4,6-Dinitro-2-methylphenol	11.83	198	46147	39.84	ng #	64
65) n-Nitrosodiphenylamine	11.91	169	338855	34.07	ng	98
66) 4-Bromophenyl-phenylether	12.38	248	110647	35.55	ng #	84
67) Hexachlorobenzene	12.43	284	125594	35.30	ng #	87
68) Atrazine	12.58	200	107766	37.26	ng	100
69) Pentachlorophenol	12.69	266	116351	57.96	ng	98
70) Phenanthrene	12.95	178	570662	34.16	ng	99
71) Anthracene	13.02	178	599225	36.56	ng	99
72) Carbazole	13.22	167	580288	37.15	ng	98
73) Di-n-butylphthalate	13.67	149	677352	36.16	ng #	98
74) Fluoranthene	14.43	202	630350	36.21	ng	94
76) Benzidine	14.61	184	250058	31.73	ng	99
77) Pyrene	14.71	202	637184	37.82	ng	99
79) Butylbenzylphthalate	15.53	149	289831	39.35	ng	95
80) Benzo(a)anthracene	16.21	228	573942	35.85	ng	99
81) 3,3'-Dichlorobenzidine	16.17	252	150073	26.31	ng #	97
82) Chrysene	16.24	228	532852	34.60	ng	99
83) Bis(2-ethylhexyl)phthalate	16.25	149	437166	39.19	ng	99
84) Di-n-octyl phthalate	17.03	149	733975	37.36	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.39	276	677605	34.54	ng #	100
87) Benzo(b)fluoranthene	17.47	252	593343	36.86	ng #	96
88) Benzo(k)fluoranthene	17.47	252	593343	38.07	ng #	95
89) Benzo(a)pyrene	17.85	252	552203	37.25	ng	99
90) Dibenzo(a,h)anthracene	19.42	278	543385	34.49	ng	99
91) Benzo(g,h,i)perylene	19.83	276	545142	34.53	ng	98

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

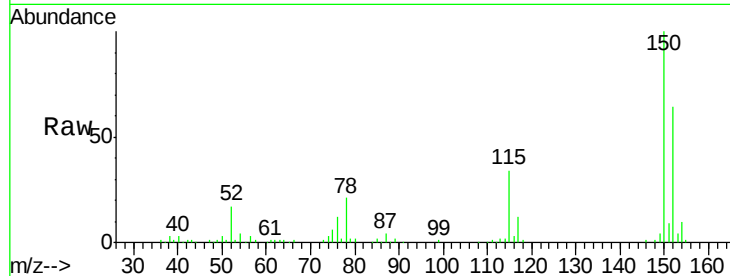


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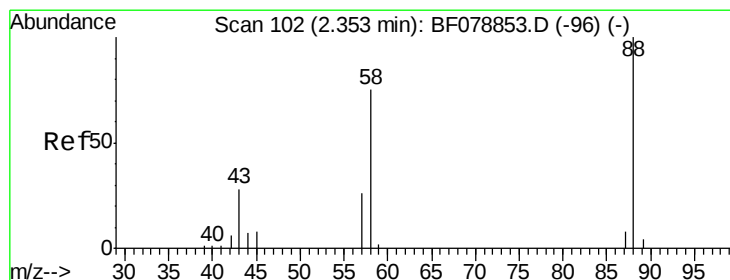
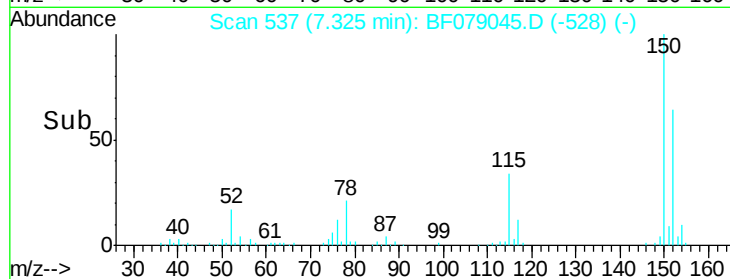
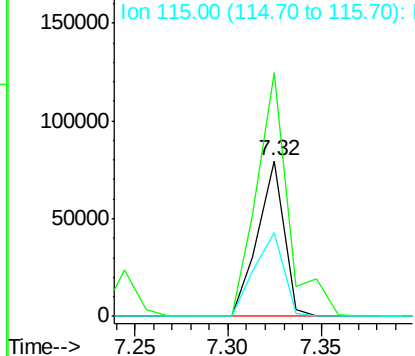
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB83253BS

Tgt Ion:152 Resp: 78035
Ion Ratio Lower Upper
152 100
150 156.7 122.0 183.0
115 54.0 46.3 69.5



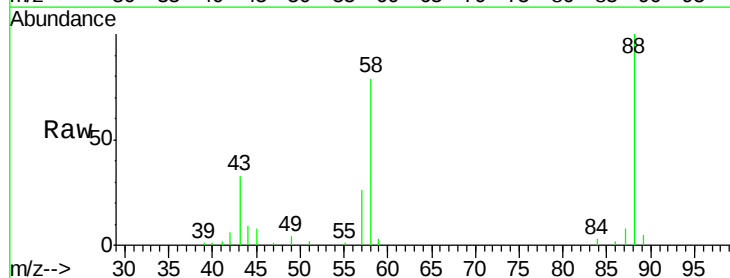
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



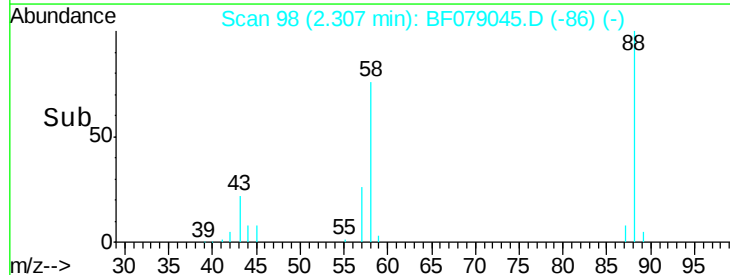
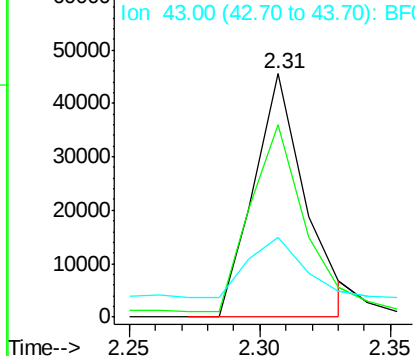
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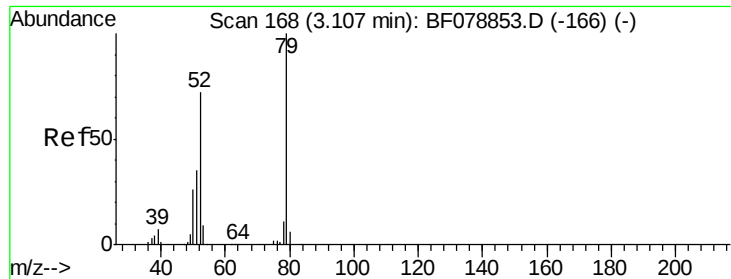
1,4-Dioxane
Concen: 31.79 ng
RT: 2.31 min Scan# 98
Delta R.T. 0.03 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Tgt Ion: 88 Resp: 62655
Ion Ratio Lower Upper
88 100
58 79.0 0.0 0.0#
43 26.3 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: 34.97 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

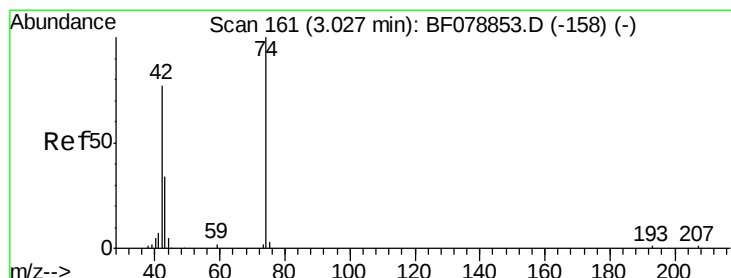
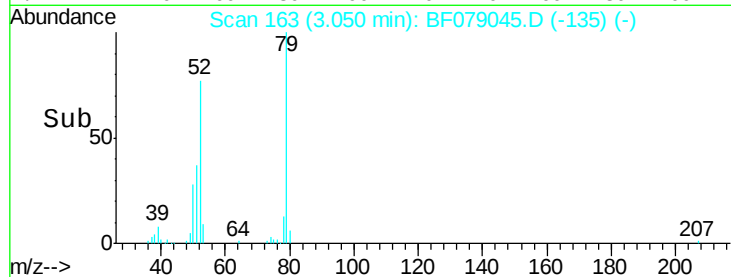
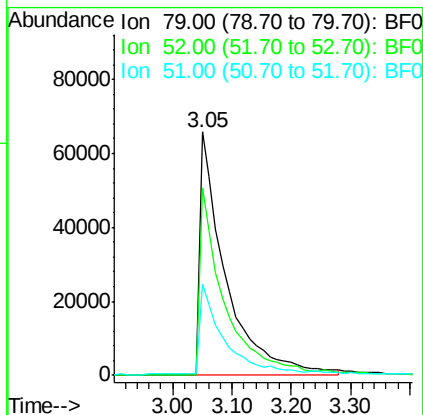
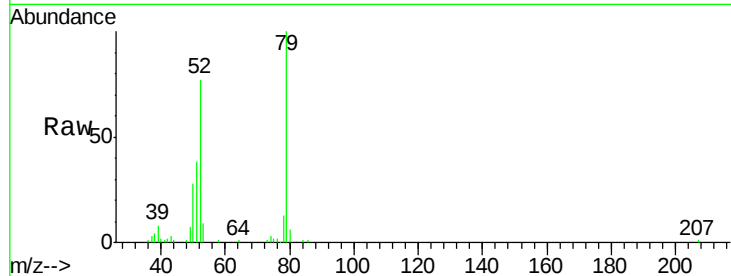
Tgt Ion: 79 Resp: 201732

Ion Ratio Lower Upper

79 100

52 76.8 57.2 85.8

51 37.6 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 30.06 ng

RT: 2.97 min Scan# 156

Delta R.T. 0.02 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

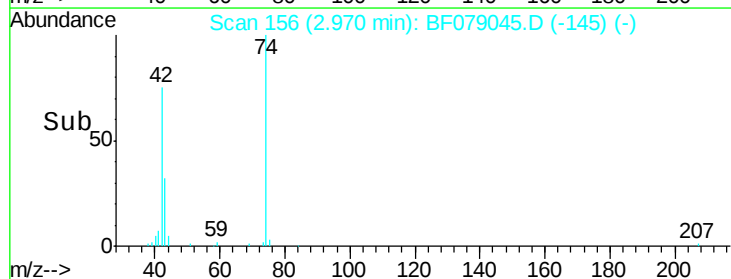
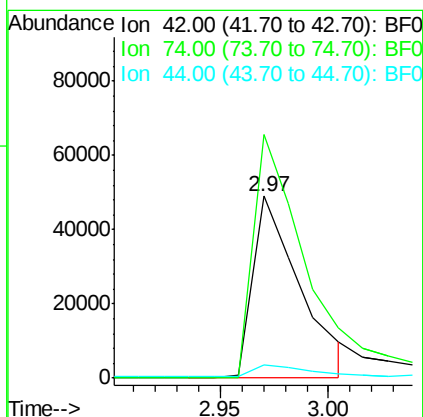
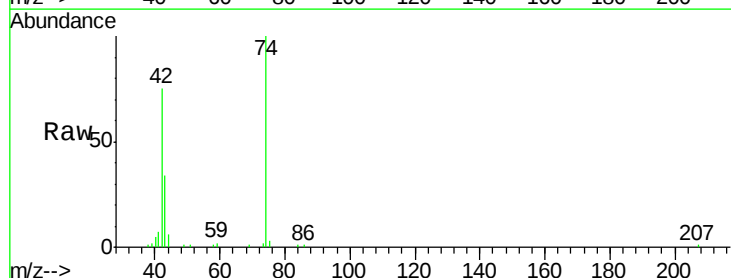
Tgt Ion: 42 Resp: 74296

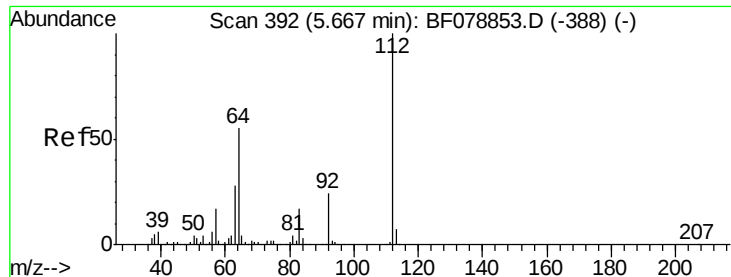
Ion Ratio Lower Upper

42 100

74 133.7 96.5 144.7

44 7.4 6.1 9.1





#5

2-Fluorophenol

Concen: 81.36 ng

RT: 5.62 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

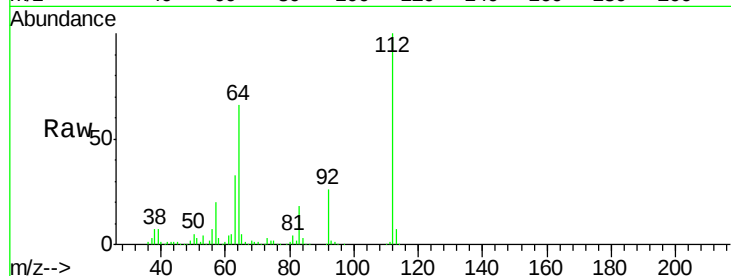
Tgt Ion: 112 Resp: 368809

Ion Ratio Lower Upper

112 100

64 66.1 53.5 80.3

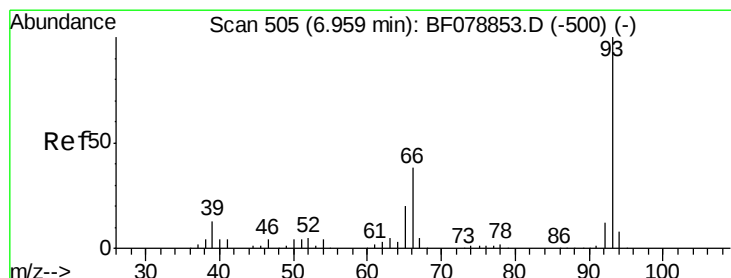
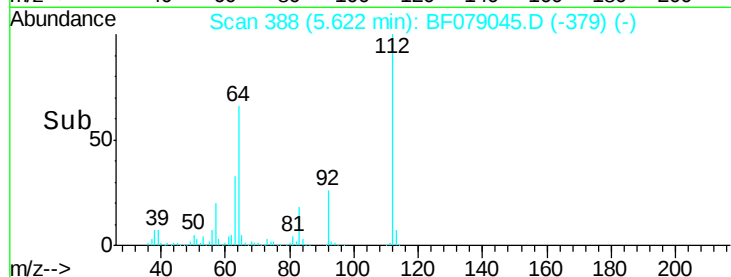
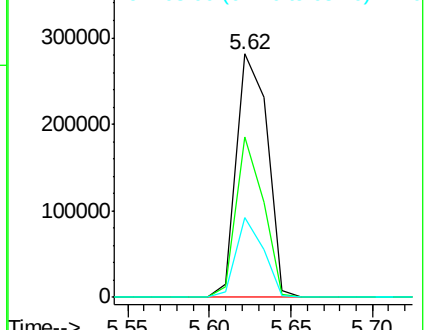
63 32.6 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.94 ng

RT: 6.91 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

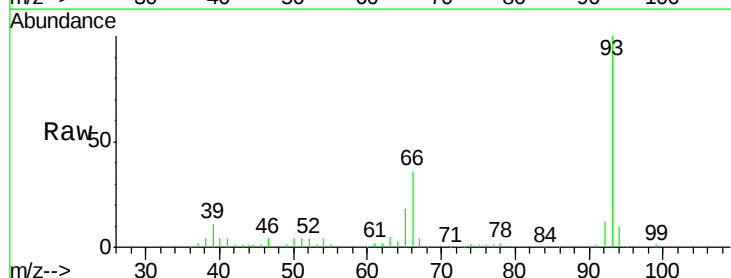
Tgt Ion: 93 Resp: 168662

Ion Ratio Lower Upper

93 100

66 36.1 29.7 44.5

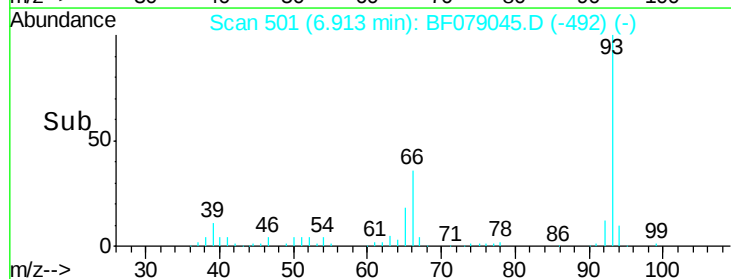
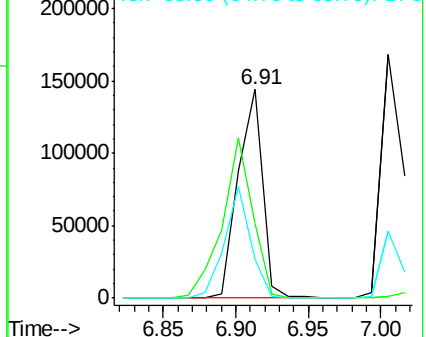
65 18.5 14.6 22.0

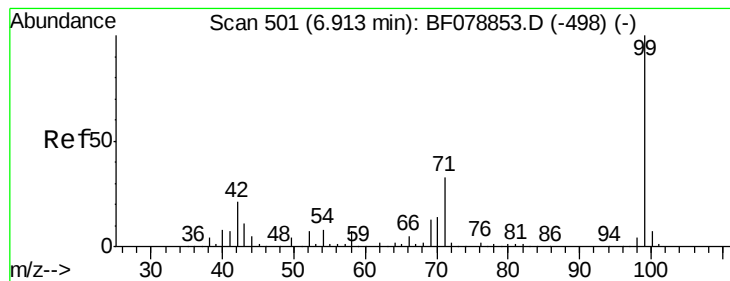


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.12 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

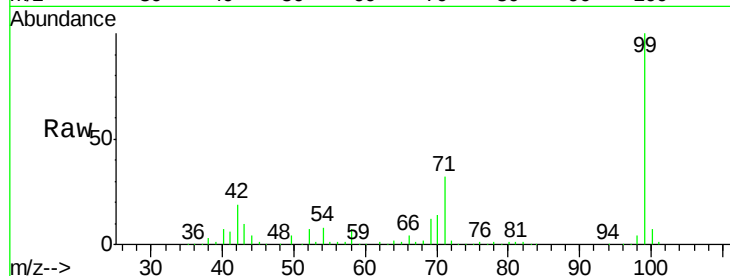
Tgt Ion: 99 Resp: 468143

Ion Ratio Lower Upper

99 100

42 19.1 12.8 19.2

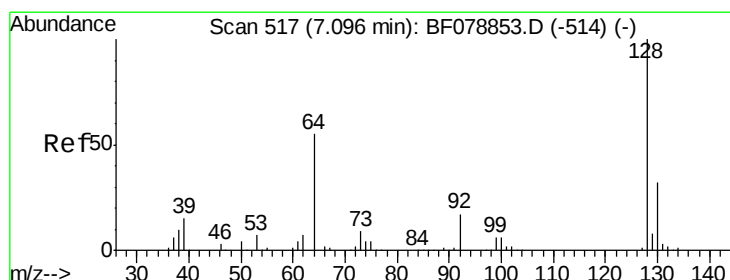
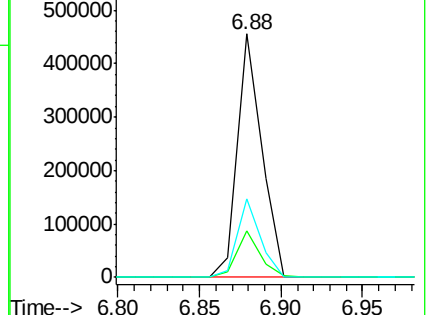
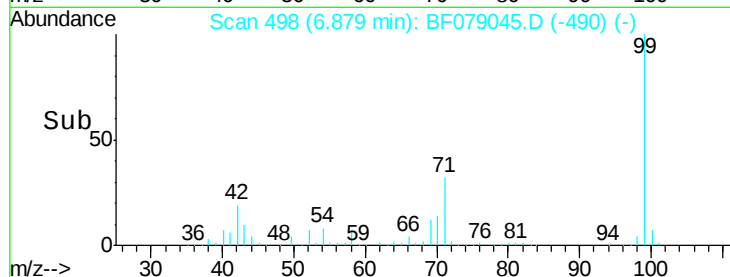
71 32.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.58 ng

RT: 7.05 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

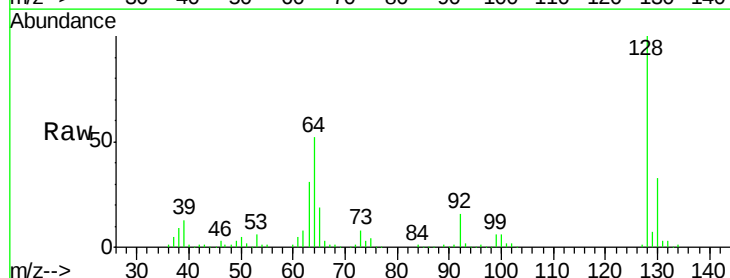
Tgt Ion: 128 Resp: 188064

Ion Ratio Lower Upper

128 100

130 32.7 12.1 52.1

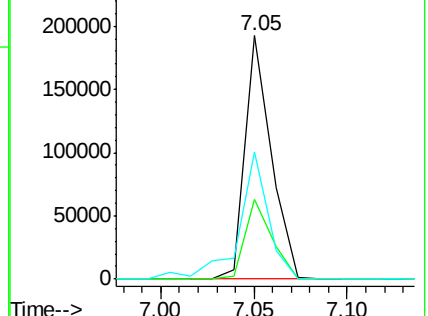
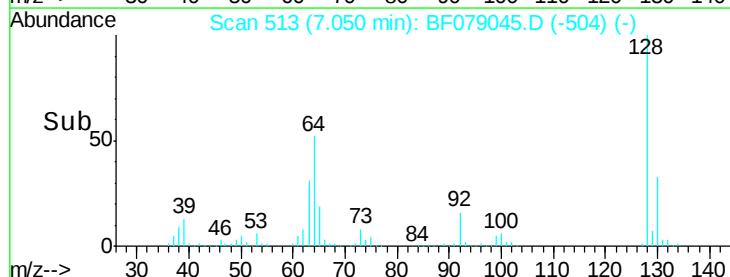
64 52.0 29.6 69.6

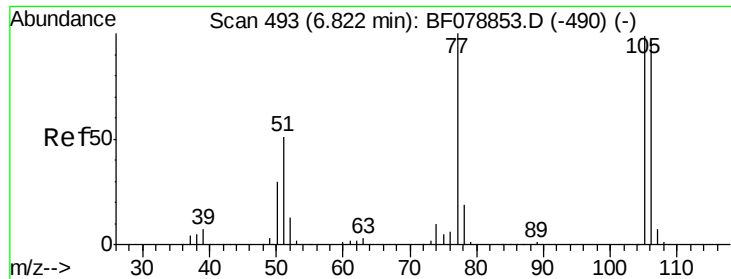


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.73 ng

RT: 6.78 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

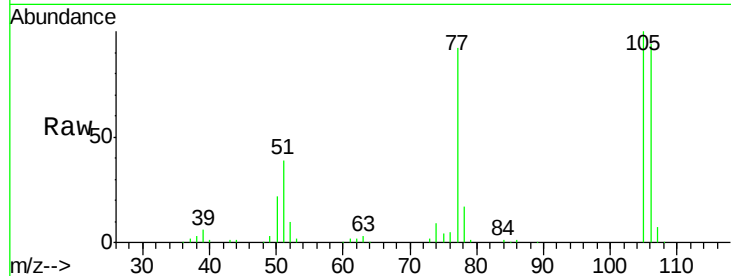
Tgt Ion: 77 Resp: 111938

Ion Ratio Lower Upper

77 100

105 108.8 81.7 121.7

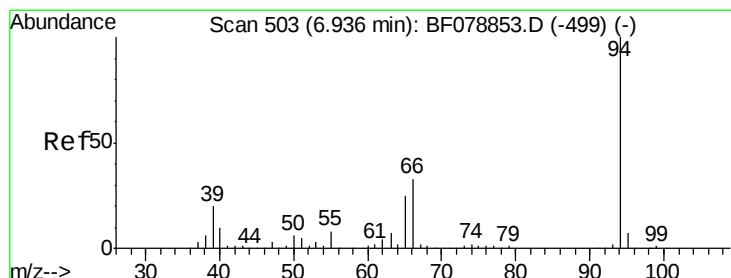
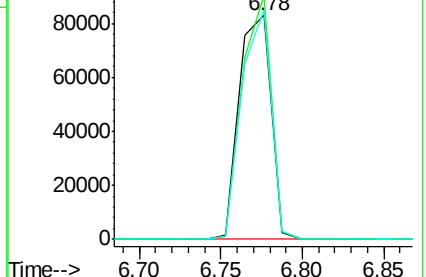
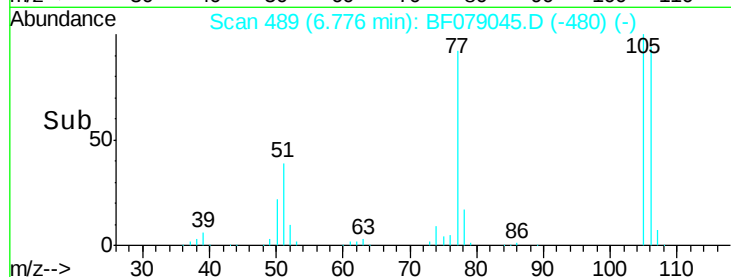
106 102.3 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF078853.D (-490) (-)

Ion 105.00 (104.70 to 105.70): BF078853.D (-490) (-)

Ion 106.00 (105.70 to 106.70): BF078853.D (-490) (-)



#10

Phenol

Concen: 36.92 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

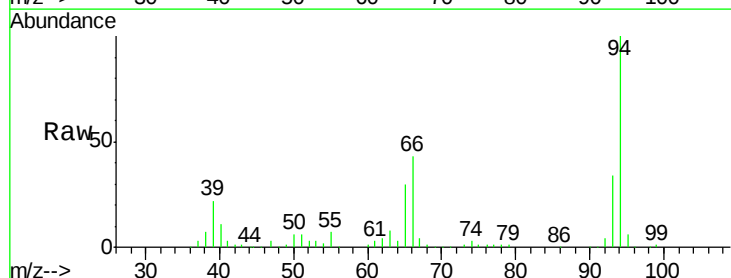
Tgt Ion: 94 Resp: 256624

Ion Ratio Lower Upper

94 100

65 29.9 8.5 48.5

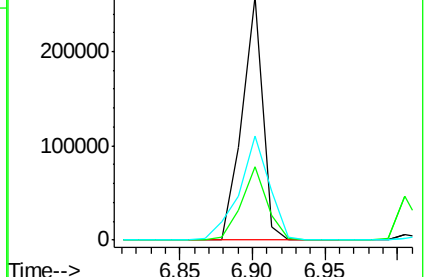
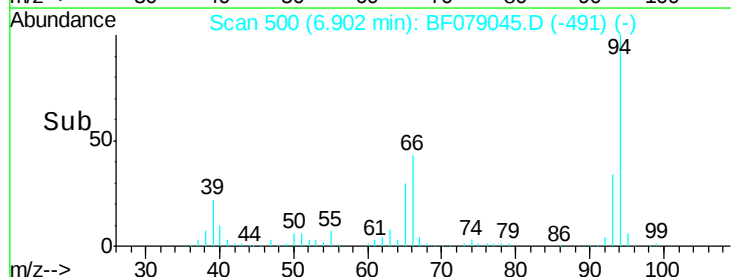
66 42.9 16.0 56.0

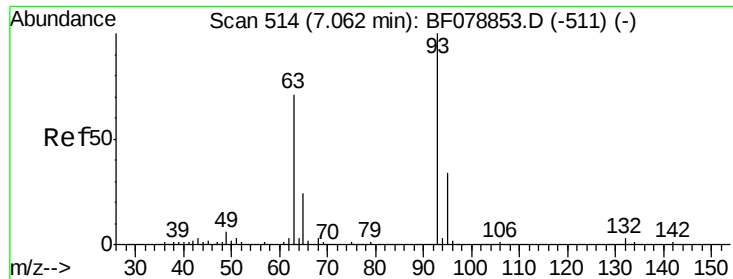


Abundance Ion 94.00 (93.70 to 94.70): BF078853.D (-499) (-)

Ion 65.00 (64.70 to 65.70): BF078853.D (-499) (-)

Ion 66.00 (65.70 to 66.70): BF078853.D (-499) (-)

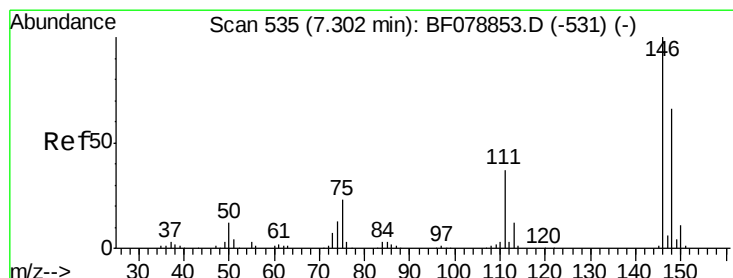
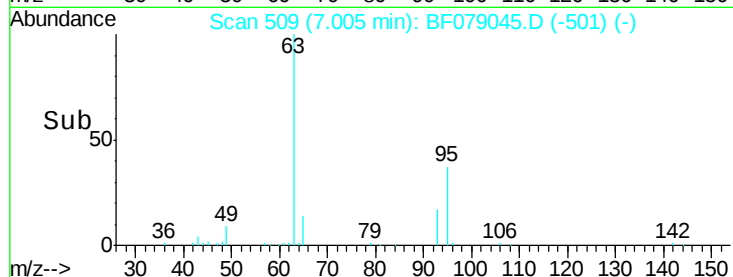
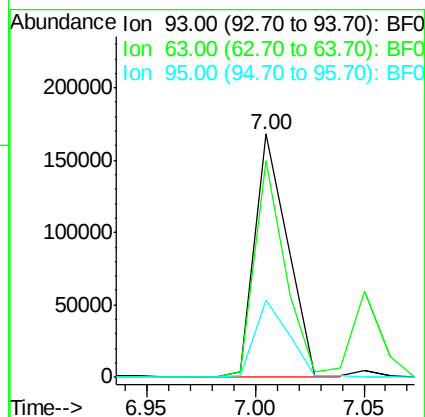
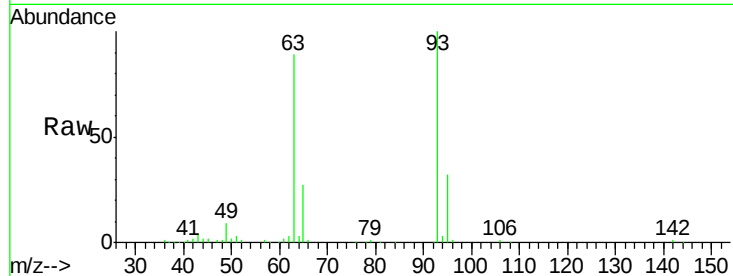




#11
bis(2-Chloroethyl)ether
Concen: 34.51 ng
RT: 7.00 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

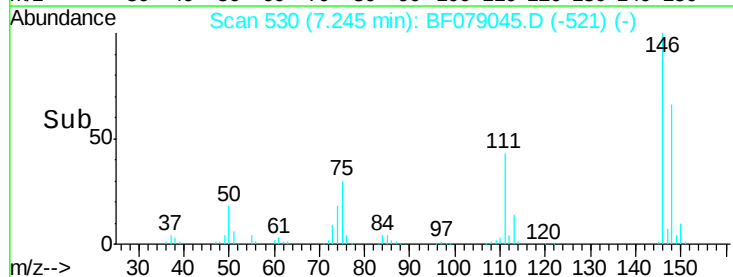
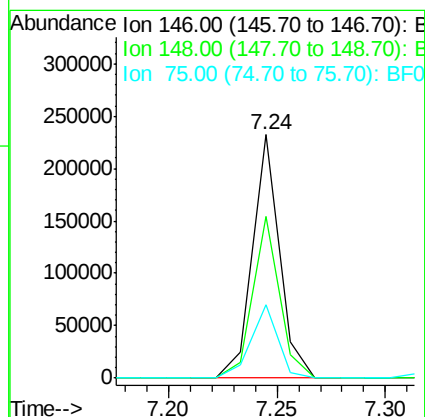
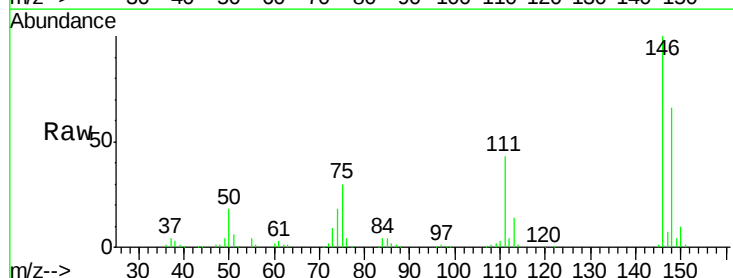
Instrument :
BNA_F
ClientSampleId :
PB83253BS

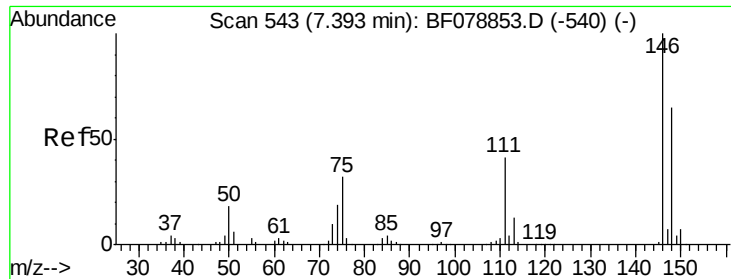
Tgt Ion: 93 Resp: 175857
Ion Ratio Lower Upper
93 100
63 89.2 64.8 104.8
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 34.65 ng
RT: 7.24 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Tgt Ion: 146 Resp: 200269
Ion Ratio Lower Upper
146 100
148 66.3 50.2 75.2
75 30.2 29.2 43.8

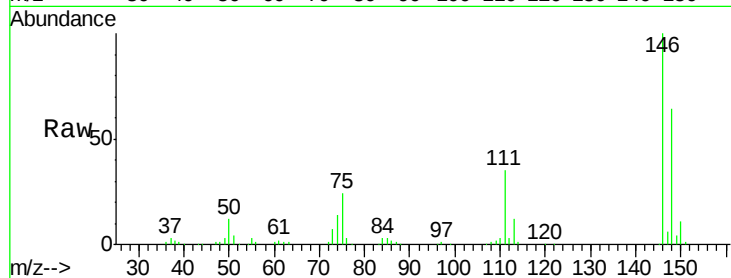




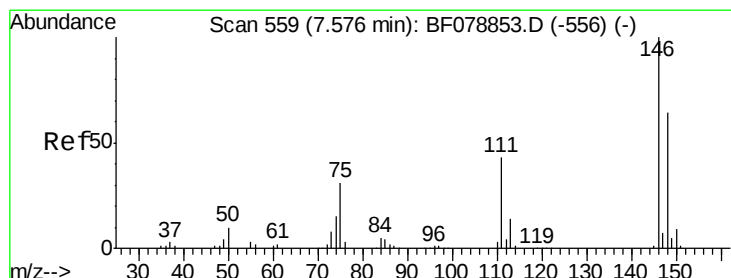
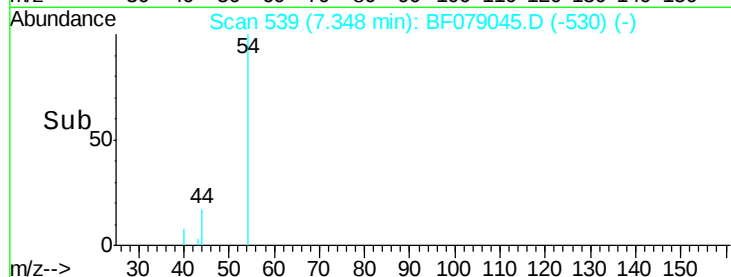
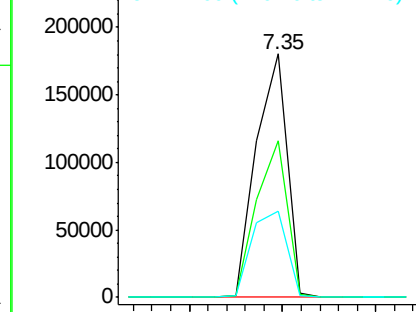
#13
 1,4-Dichlorobenzene
 Concen: 34.71 ng
 RT: 7.35 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

Tgt Ion:146 Resp: 206412
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.8 79.2
 111 35.3 31.7 47.5

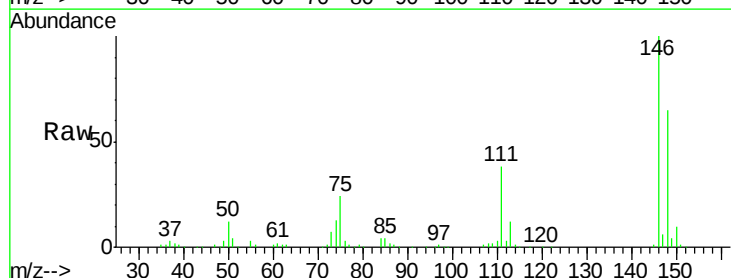


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

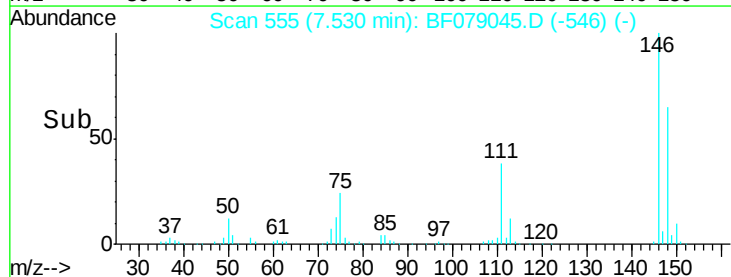
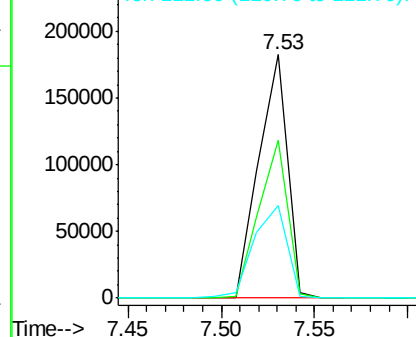


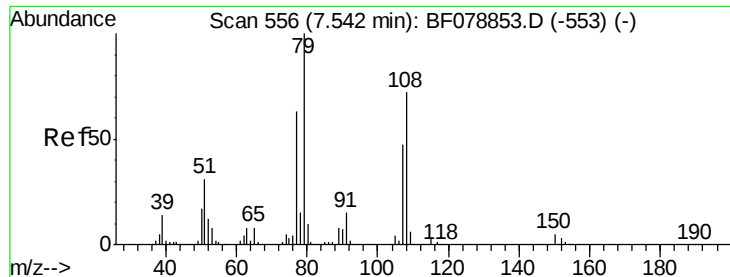
#14
 1,2-Dichlorobenzene
 Concen: 34.97 ng
 RT: 7.53 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion:146 Resp: 193610
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.2 76.8
 111 38.3 33.3 49.9



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





#15

Benzyl Alcohol

Concen: 35.30 ng

RT: 7.50 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

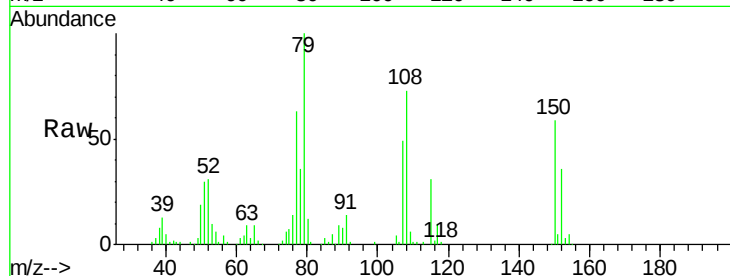
Tgt Ion: 79 Resp: 157008

Ion Ratio Lower Upper

79 100

108 72.9 62.5 93.7

77 63.4 52.2 78.4

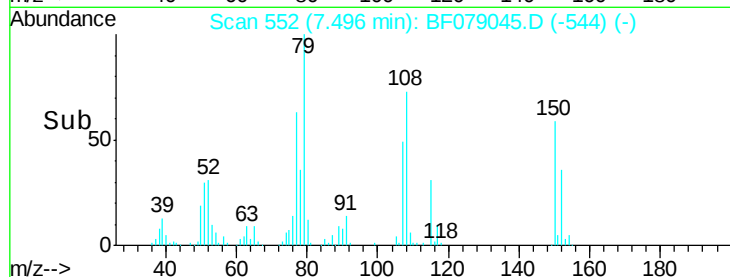


Abundance Ion 79.00 (78.70 to 79.70): BF078853.D (-553) (-)

Ion 108.00 (107.70 to 108.70): BF078853.D (-553) (-)

Ion 77.00 (76.70 to 77.70): BF078853.D (-553) (-)

Time-->

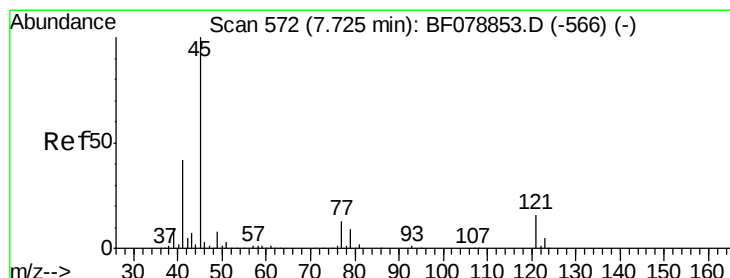


Abundance Ion 79.00 (78.70 to 79.70): BF079045.D (-544) (-)

Ion 108.00 (107.70 to 108.70): BF079045.D (-544) (-)

Ion 77.00 (76.70 to 77.70): BF079045.D (-544) (-)

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.54 ng

RT: 7.68 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

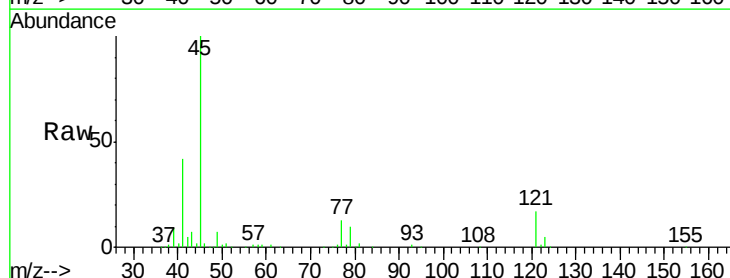
Tgt Ion: 45 Resp: 277121

Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.3

79 10.1 0.0 30.1

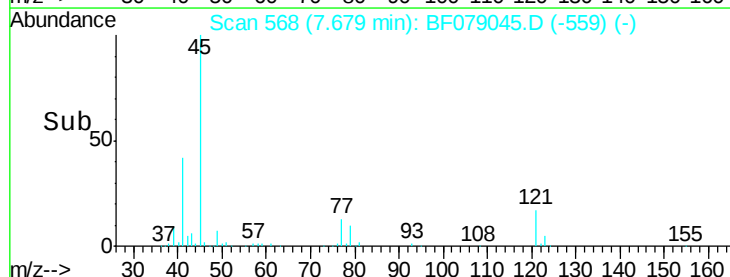


Abundance Ion 45.00 (44.70 to 45.70): BF078853.D (-566) (-)

Ion 77.00 (76.70 to 77.70): BF078853.D (-566) (-)

Ion 79.00 (78.70 to 79.70): BF078853.D (-566) (-)

Time-->

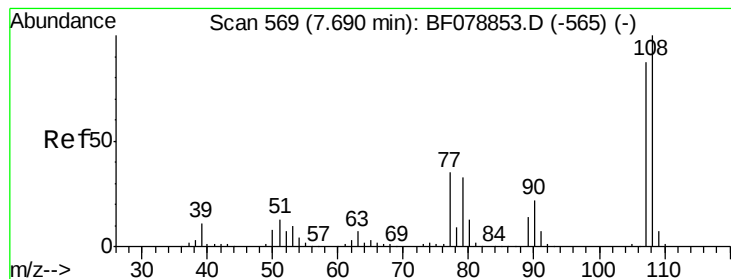


Abundance Ion 45.00 (44.70 to 45.70): BF079045.D (-559) (-)

Ion 77.00 (76.70 to 77.70): BF079045.D (-559) (-)

Ion 79.00 (78.70 to 79.70): BF079045.D (-559) (-)

Time-->



#17

2-Methylphenol

Concen: 37.49 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

Tgt Ion:107 Resp: 155139

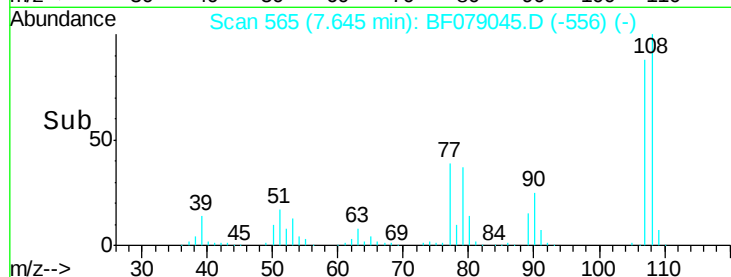
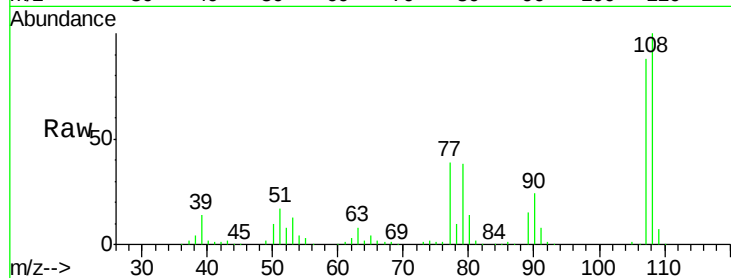
Ion Ratio Lower Upper

107 100

108 114.2 94.9 142.3

77 44.8 36.2 54.4

79 43.1 35.2 52.8

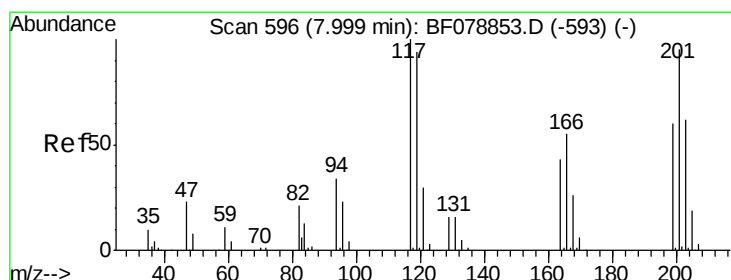
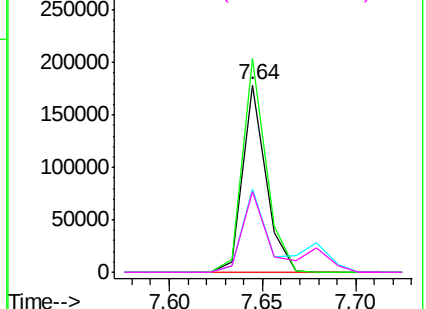


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.20 ng

RT: 7.94 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

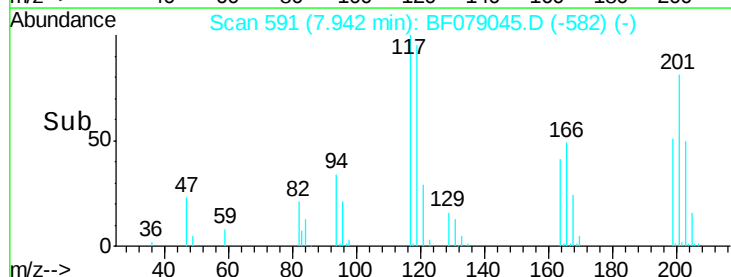
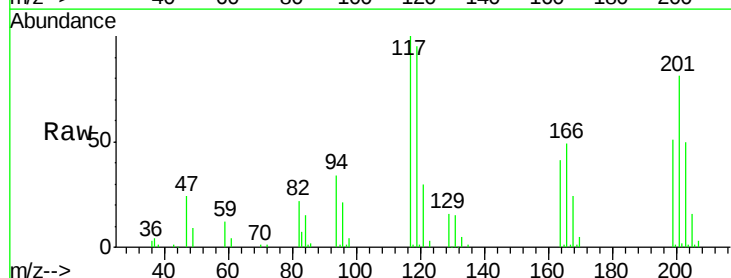
Tgt Ion:117 Resp: 72109

Ion Ratio Lower Upper

117 100

119 94.8 75.4 113.0

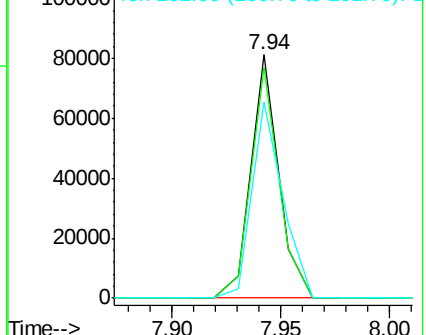
201 80.8 83.2 124.8#

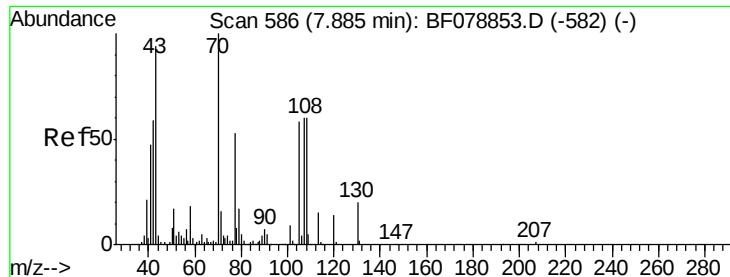


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

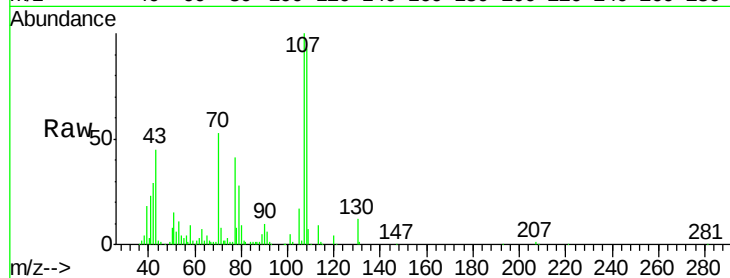




#19
 n-Nitroso-di-n-propylamine
 Concen: 33.15 ng
 RT: 7.84 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	55.4	83.0#	
101	10.1	6.6	10.0#	
130	23.5	11.9	17.9#	



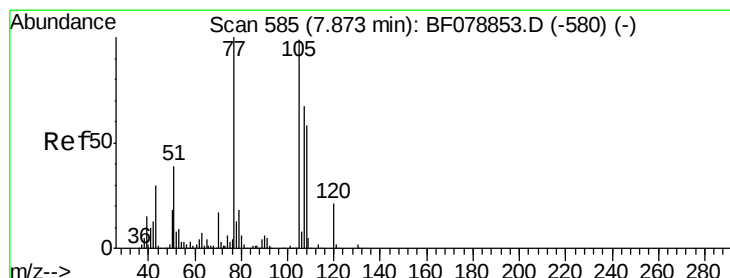
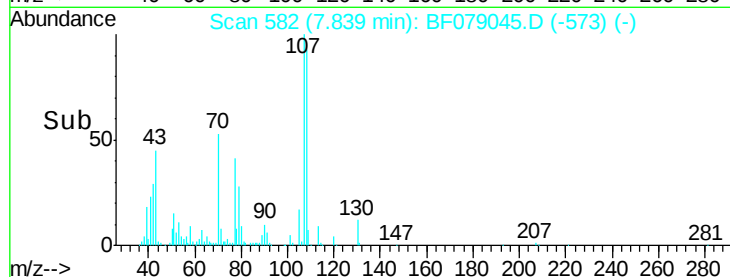
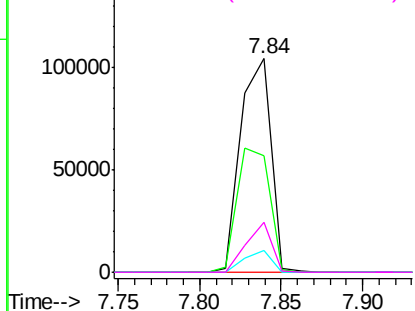
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
 3+4-Methylphenols
 Concen: 36.94 ng
 RT: 7.84 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.3	76.9	116.9	
77	40.9	136.8	176.8#	
79	28.4	9.7	49.7	

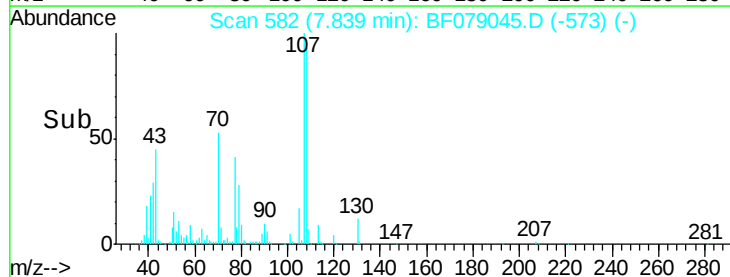
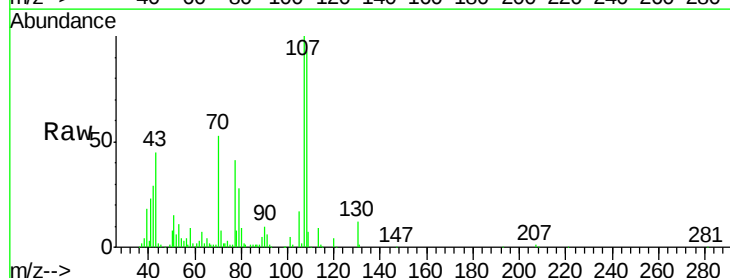
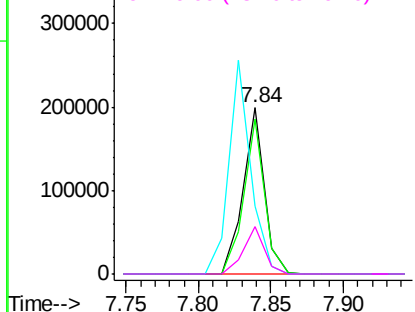
Abundance

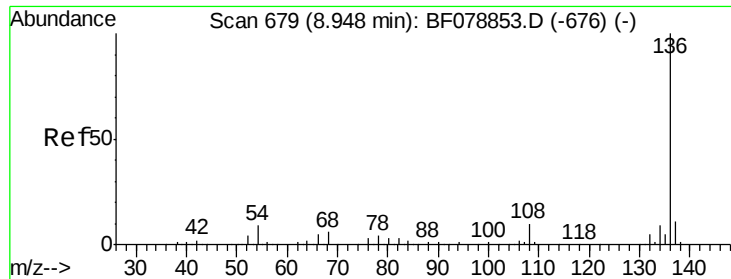
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

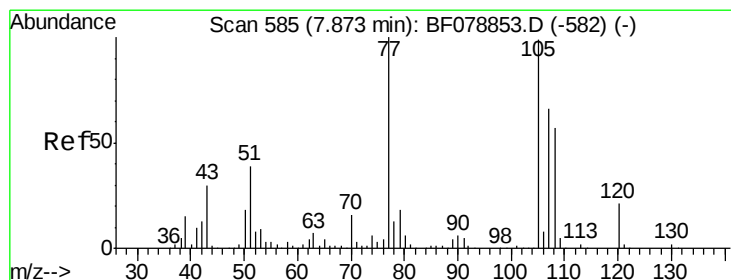
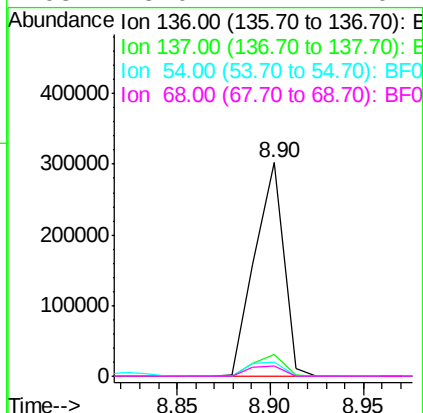
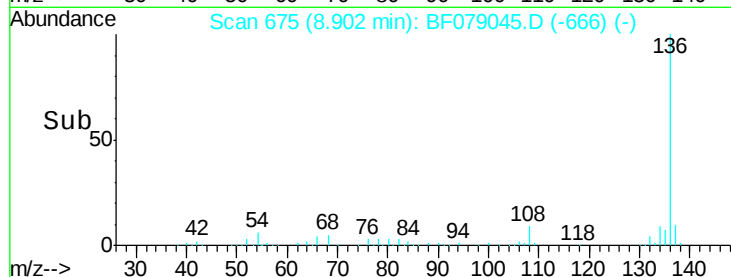
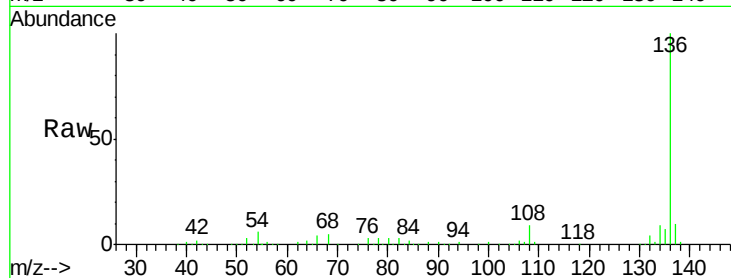




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.90 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

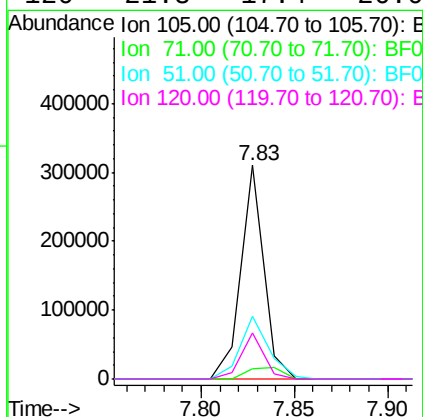
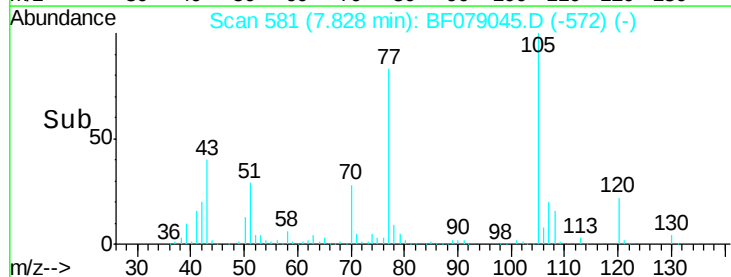
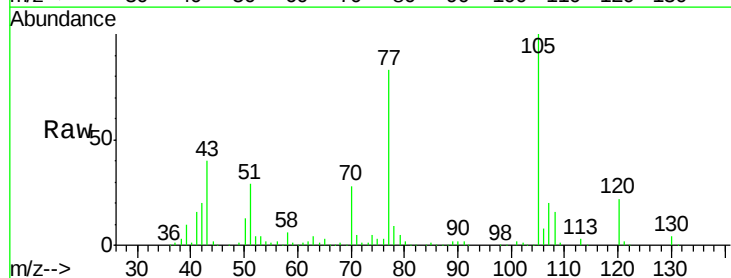
Instrument :
BNA_F
ClientSampleId :
PB83253BS

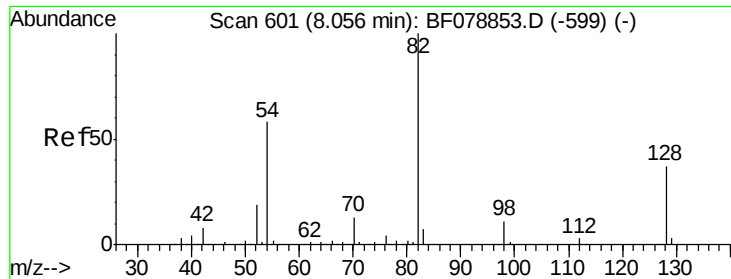
Tgt Ion:	136	Resp:	323094
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.4	5.8	8.8
68	5.0	4.2	6.4



#22
Acetophenone
Concen: 36.77 ng
RT: 7.83 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Tgt Ion:	105	Resp:	268439
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.6	6.8
51	29.3	26.7	40.1
120	21.8	17.4	26.0

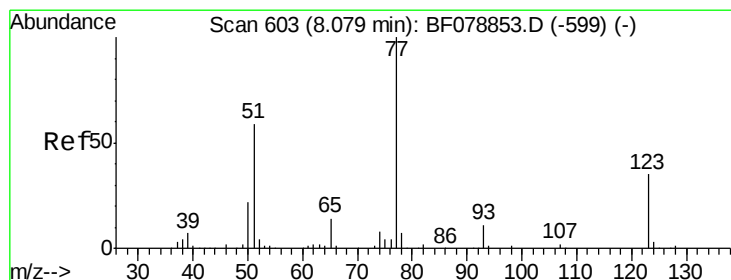
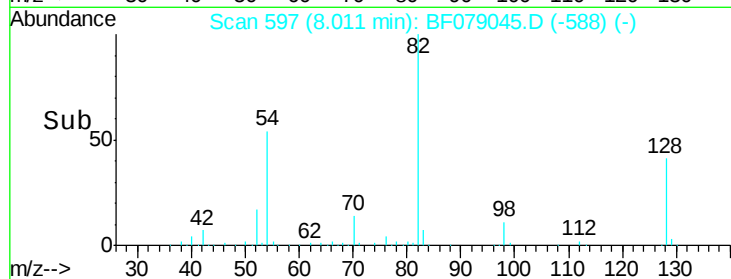
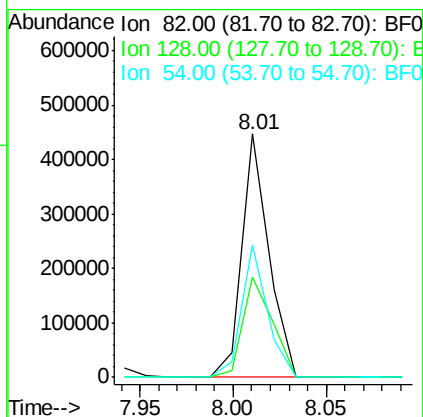
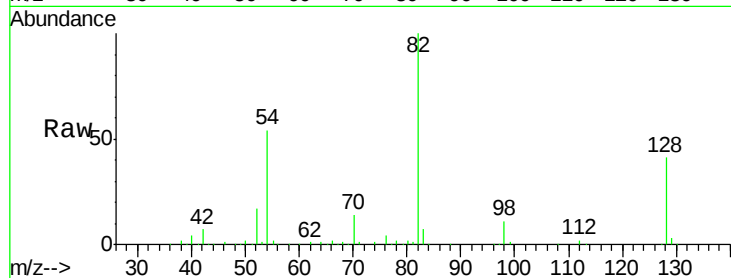




#23
 Nitrobenzene-d5
 Concen: 79.95 ng
 RT: 8.01 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

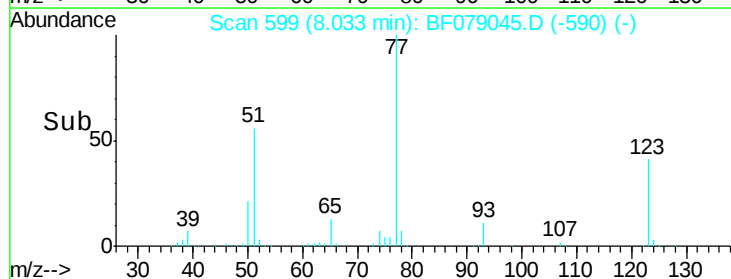
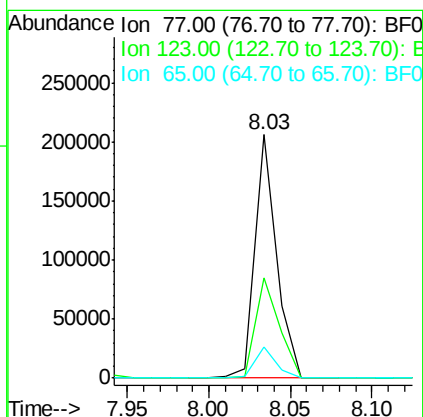
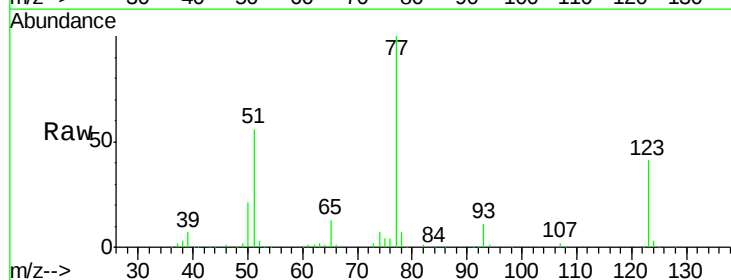
Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

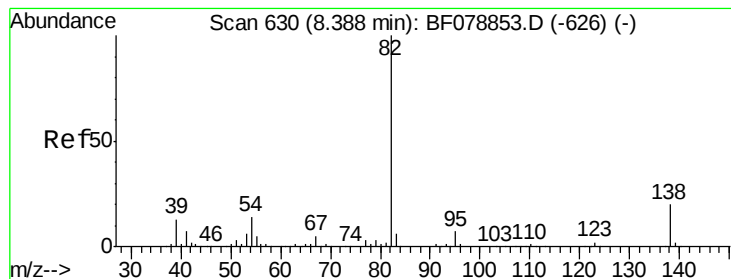
Tgt Ion: 82 Resp: 449459
 Ion Ratio Lower Upper
 82 100
 128 40.9 30.0 45.0
 54 54.5 46.4 69.6



#24
 Nitrobenzene
 Concen: 34.05 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion: 77 Resp: 189740
 Ion Ratio Lower Upper
 77 100
 123 41.3 31.8 47.8
 65 12.9 10.6 15.8





#25

Isophorone

Concen: 33.05 ng

RT: 8.33 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

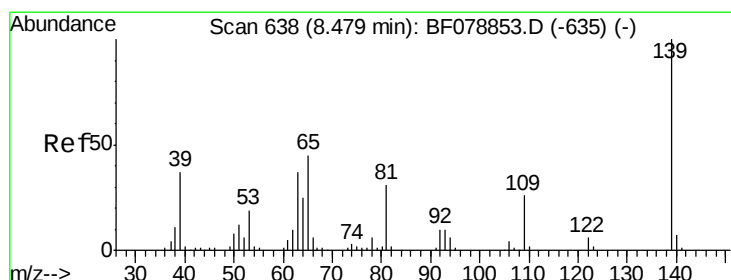
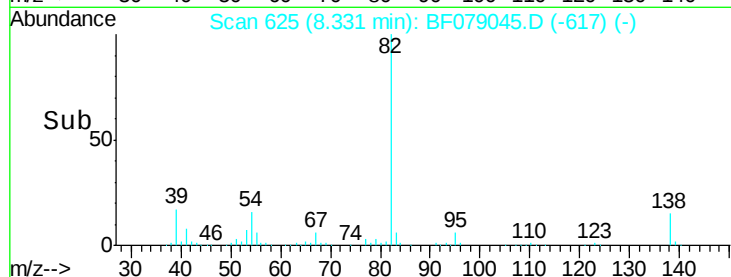
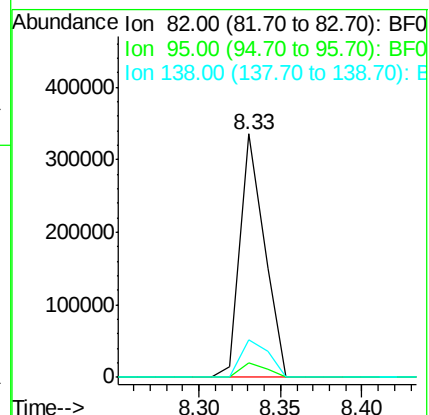
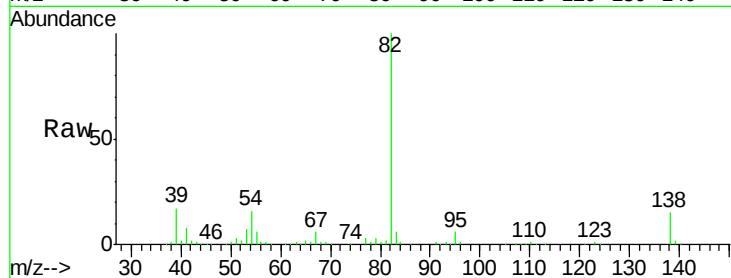
Tgt Ion: 82 Resp: 344399

Ion Ratio Lower Upper

82 100

95 6.1 5.3 7.9

138 15.2 12.0 18.0



#26

2-Nitrophenol

Concen: 38.58 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

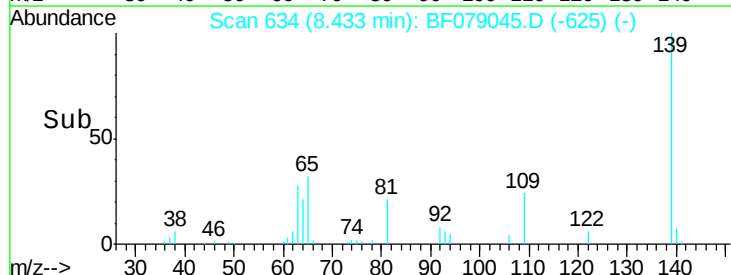
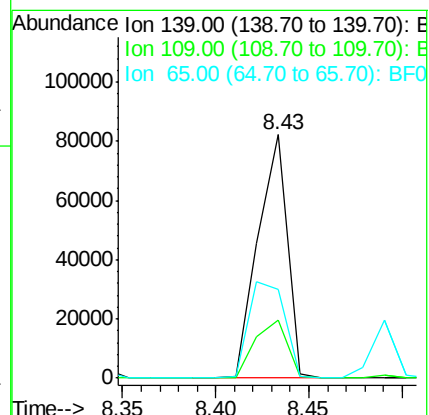
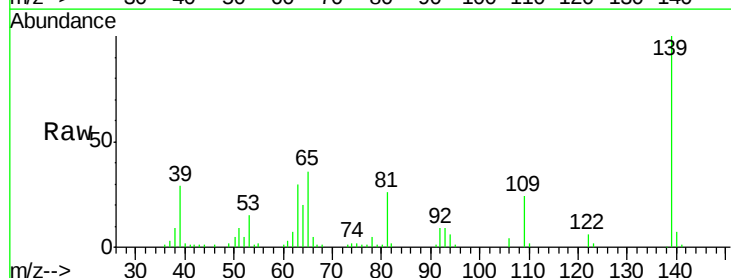
Tgt Ion: 139 Resp: 88989

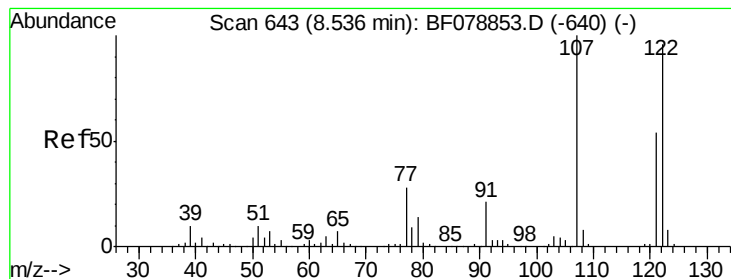
Ion Ratio Lower Upper

139 100

109 23.7 21.0 31.4

65 36.3 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 39.33 ng

RT: 8.49 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

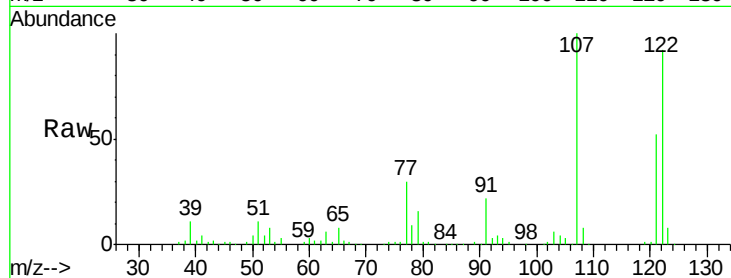
Tgt Ion:122 Resp: 181527

Ion Ratio Lower Upper

122 100

107 108.4 90.6 135.8

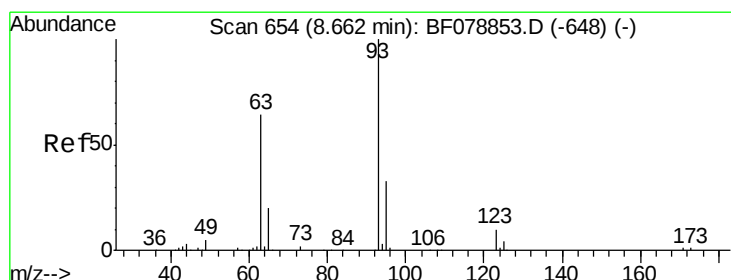
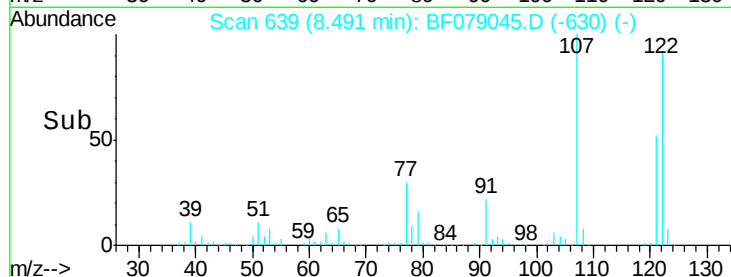
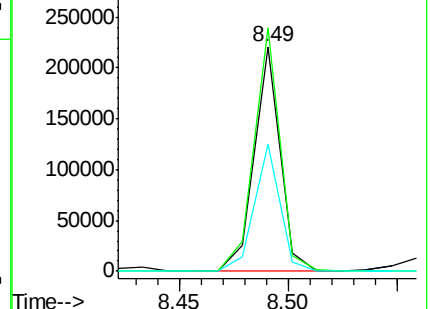
121 56.8 45.4 68.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.79 ng

RT: 8.62 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

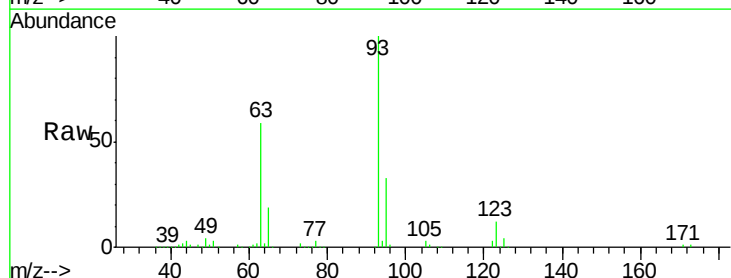
Tgt Ion: 93 Resp: 223530

Ion Ratio Lower Upper

93 100

95 33.0 26.7 40.1

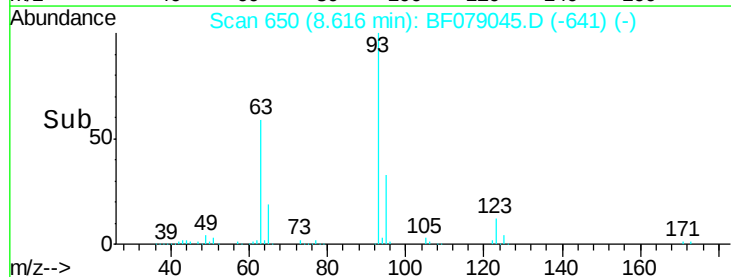
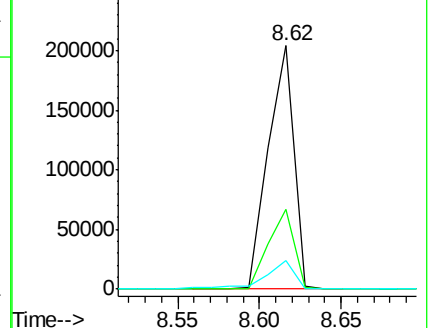
123 11.6 9.1 13.7

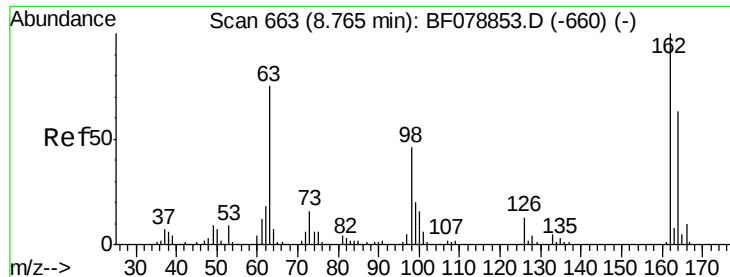


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

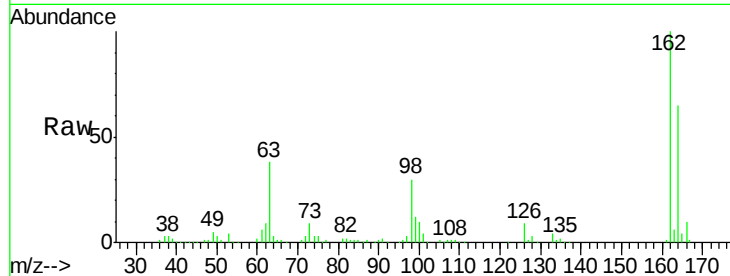




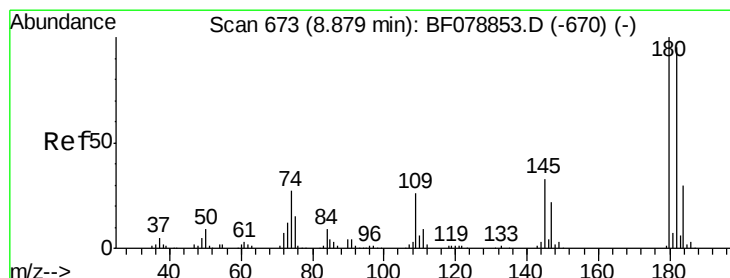
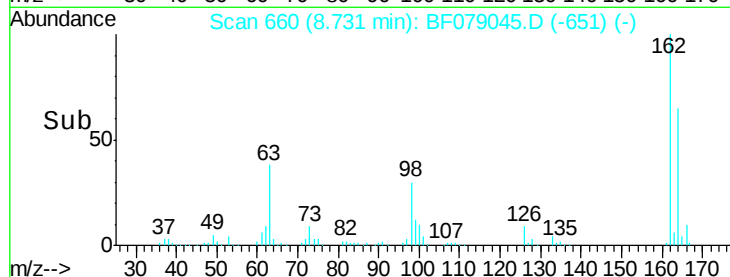
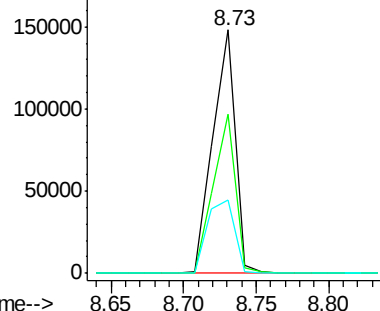
#29
 2,4-Dichlorophenol
 Concen: 38.82 ng
 RT: 8.73 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.6	83.6
98	30.0	16.5	56.5

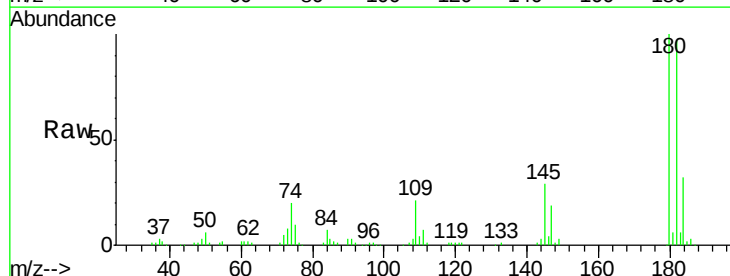


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

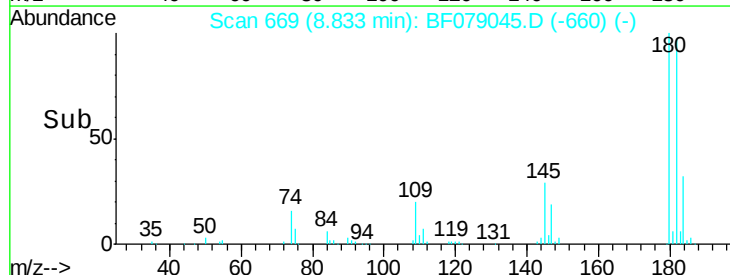
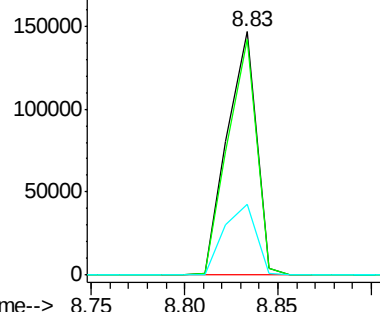


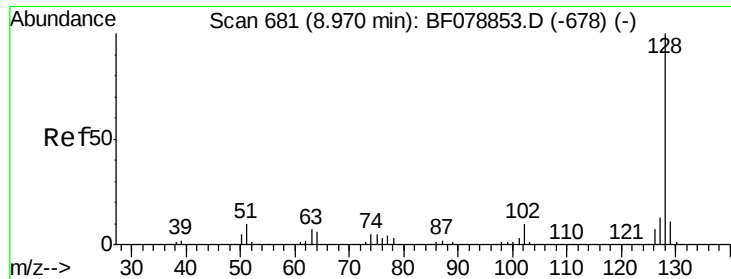
#30
 1,2,4-Trichlorobenzene
 Concen: 35.25 ng
 RT: 8.83 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	78.9	118.3
145	29.2	24.2	36.4



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

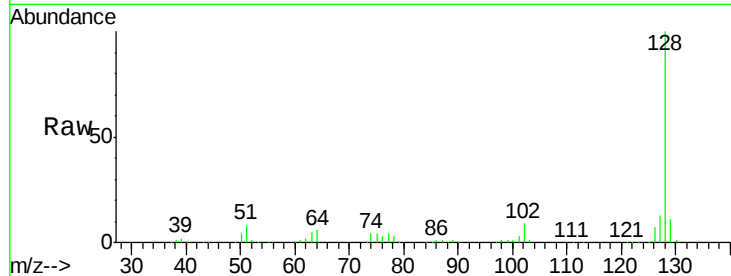




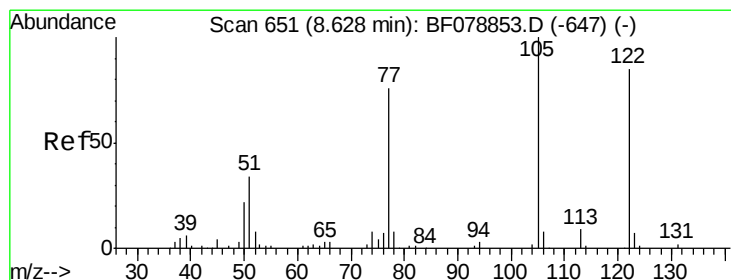
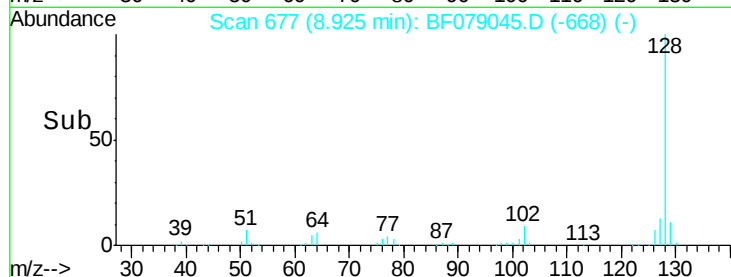
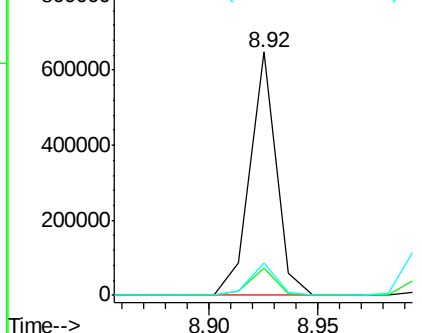
#31
Naphthalene
Concen: 35.44 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB83253BS

Tgt Ion:128 Resp: 545537
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.2 10.7 16.1

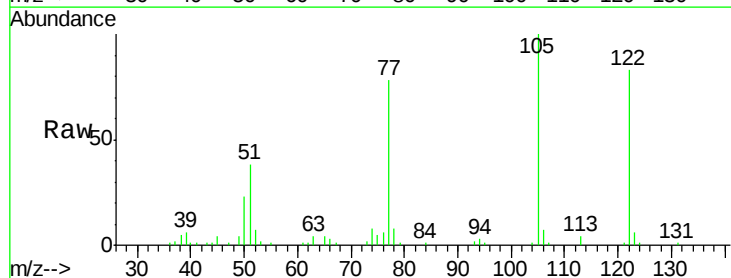


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

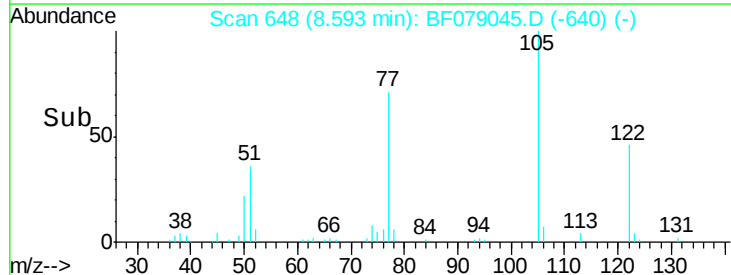
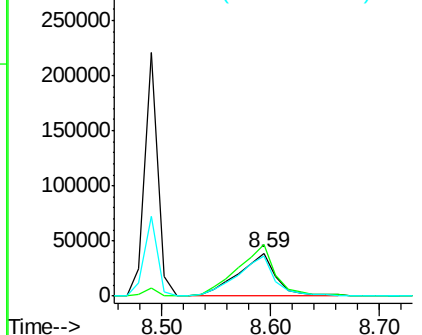


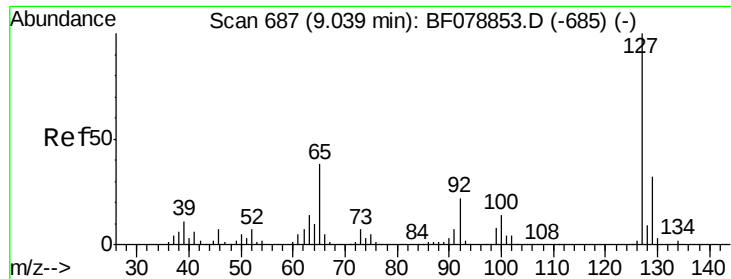
#32
Benzoic acid
Concen: 34.32 ng
RT: 8.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Tgt Ion:122 Resp: 93242
Ion Ratio Lower Upper
122 100
105 120.3 107.1 147.1
77 94.3 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

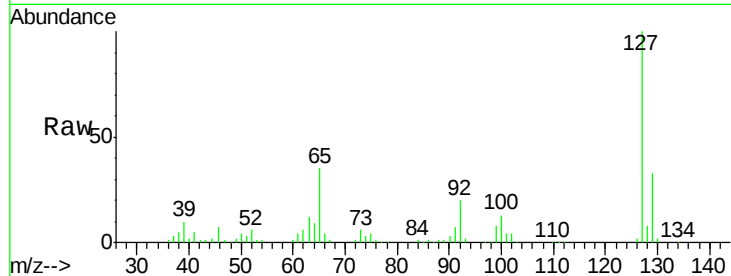




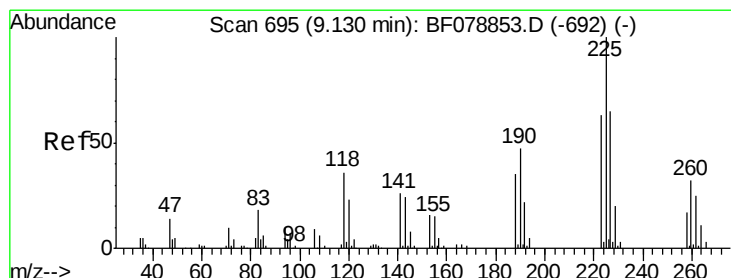
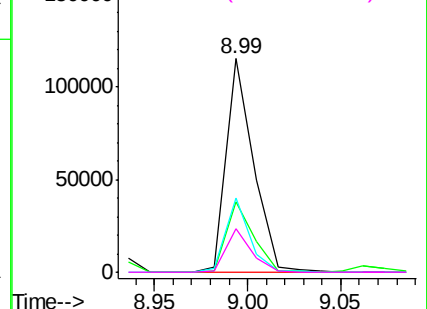
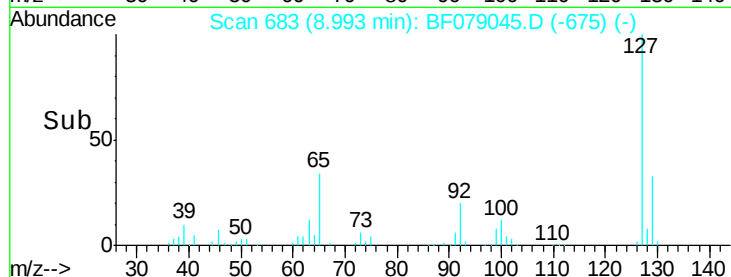
#33
 4-Chloroaniline
 Concen: 18.24 ng
 RT: 8.99 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

Tgt Ion:	127	Resp:	118819
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	34.7	25.8	38.6
92	20.3	15.5	23.3

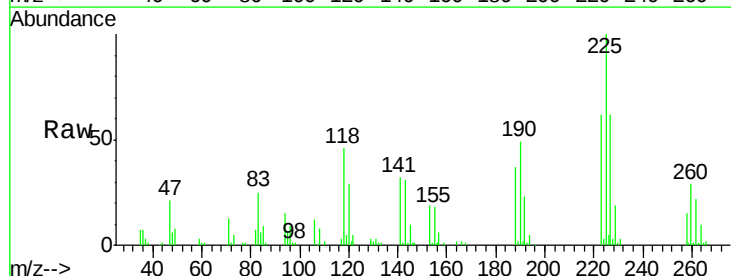


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

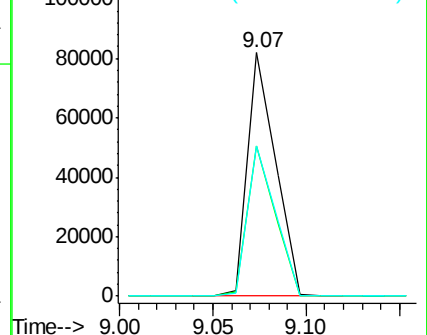
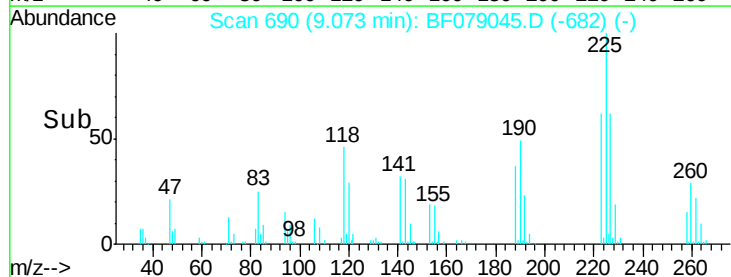


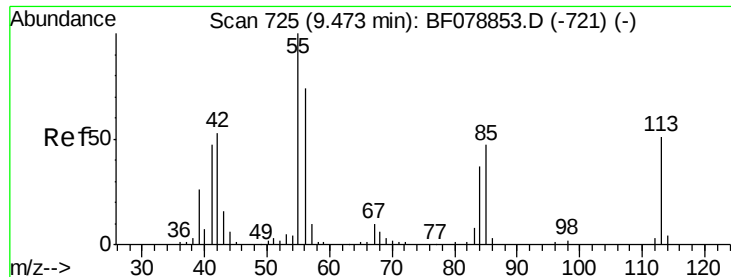
#34
 Hexachlorobutadiene
 Concen: 33.04 ng
 RT: 9.07 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion:	225	Resp:	85778
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.2	72.4
227	61.6	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

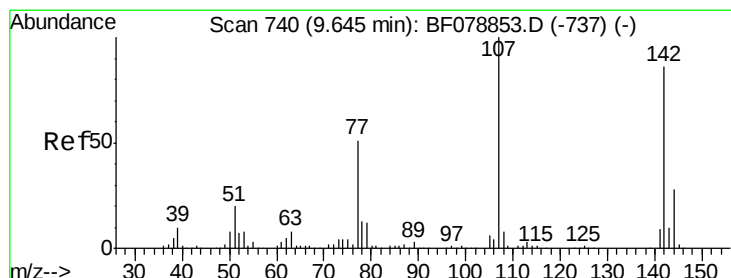
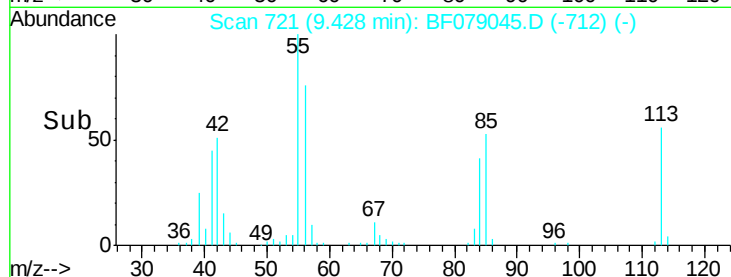
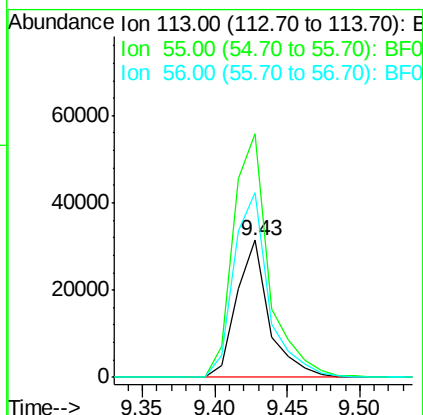
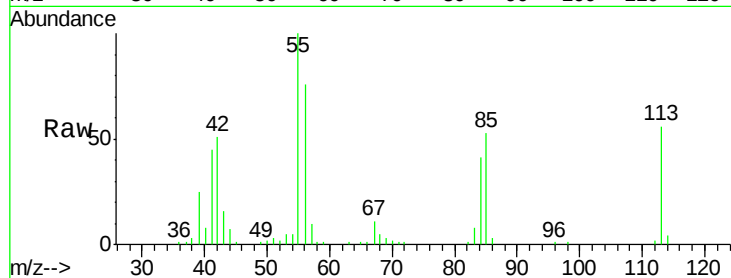




#35
 Caprolactam
 Concen: 36.84 ng
 RT: 9.43 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

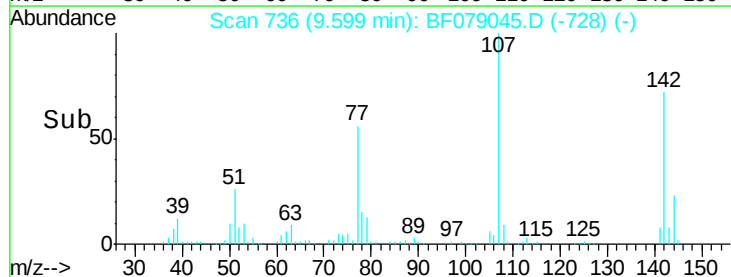
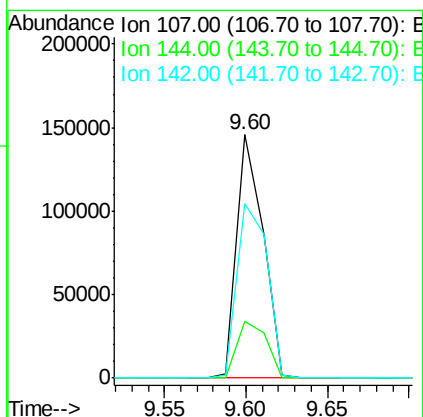
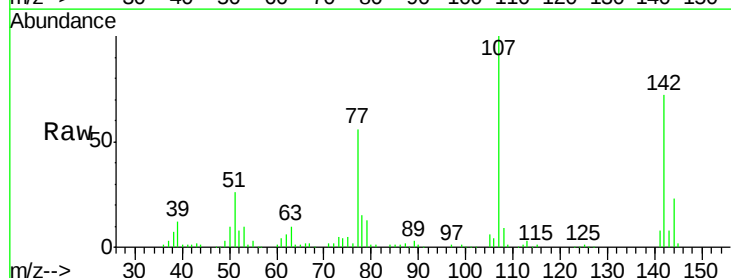
Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

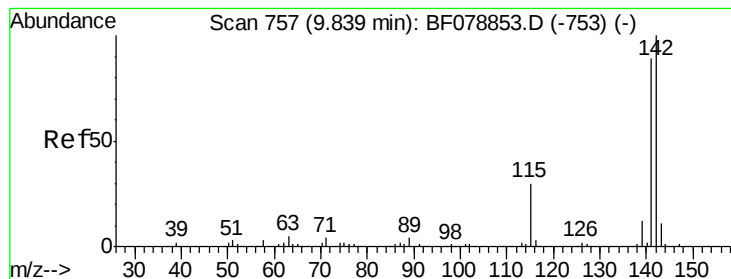
Tgt Ion:113 Resp: 48896
 Ion Ratio Lower Upper
 113 100
 55 177.4 169.7 209.7
 56 134.6 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 37.75 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion:107 Resp: 162717
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.8 29.6
 142 71.6 60.6 91.0

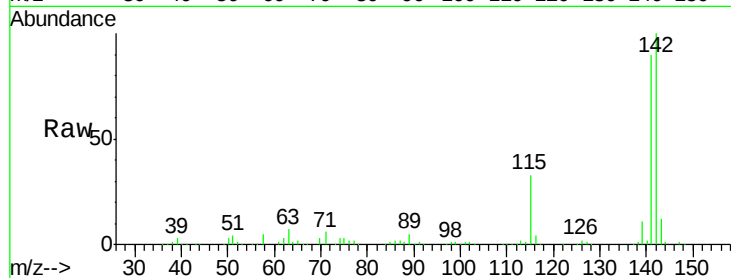




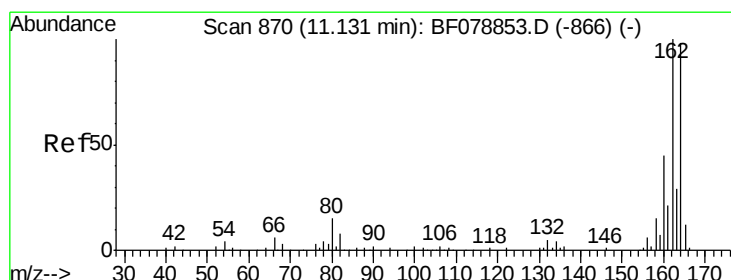
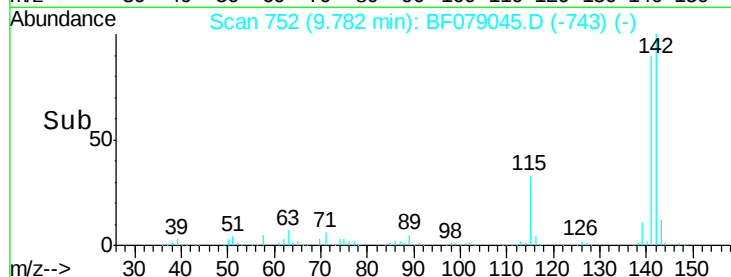
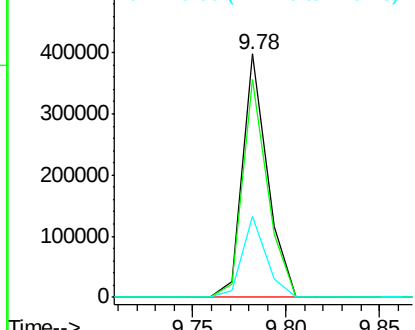
#37
 2-Methylnaphthalene
 Concen: 34.71 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

Tgt Ion:142 Resp: 370246
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.9 106.3
 115 33.3 28.5 42.7

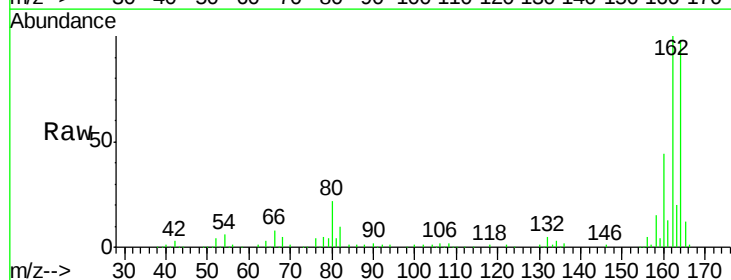


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

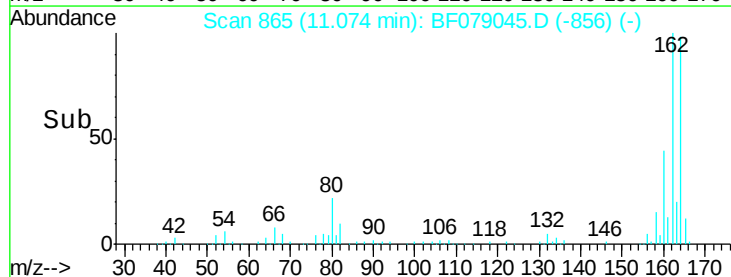
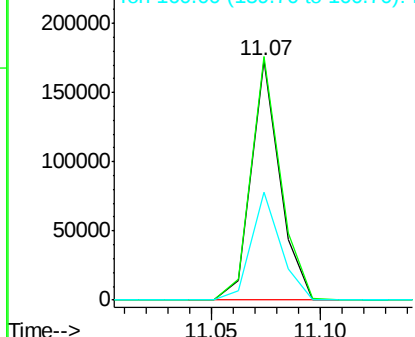


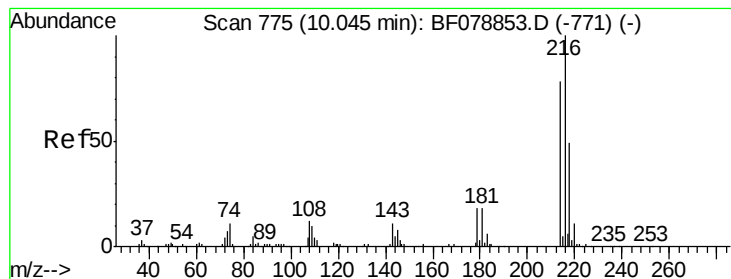
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion:164 Resp: 158472
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.7 124.1
 160 45.0 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: 32.58 ng

RT: 9.99 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

Tgt Ion:216 Resp: 145419

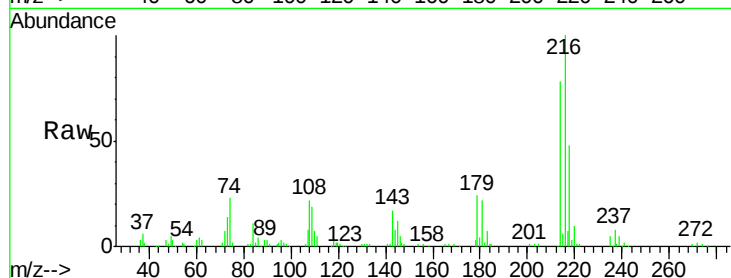
Ion Ratio Lower Upper

216 100

214 77.6 0.0 0.0#

179 22.7 0.0 0.0#

108 23.9 0.0 0.0#

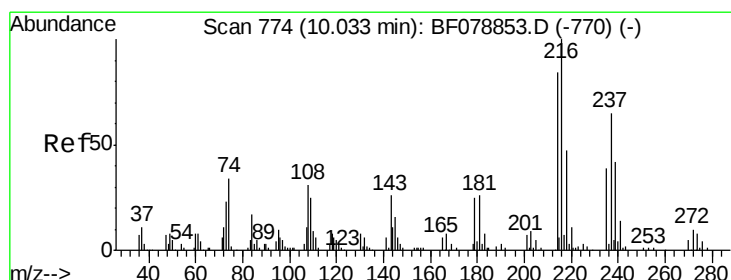
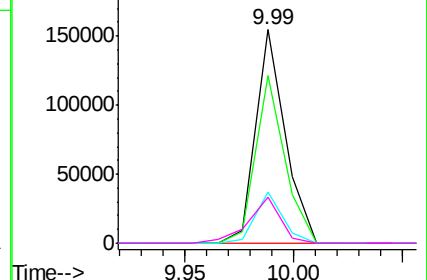
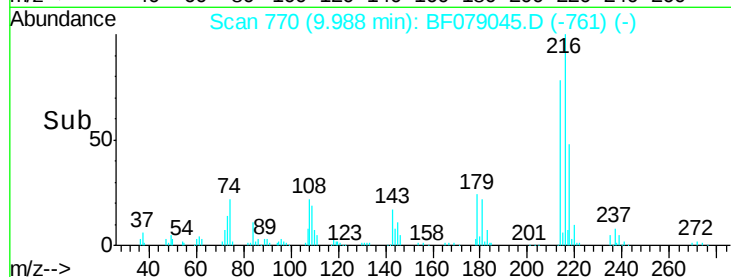


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 67.04 ng

RT: 9.98 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

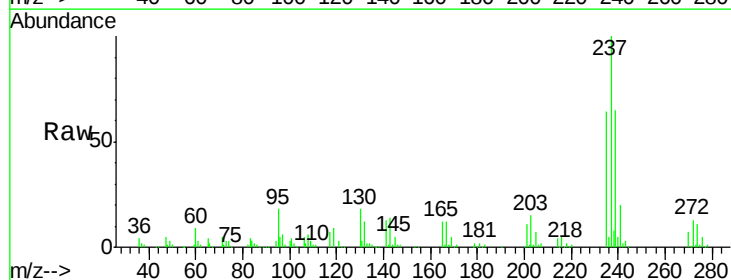
Tgt Ion:237 Resp: 150456

Ion Ratio Lower Upper

237 100

235 63.8 44.7 84.7

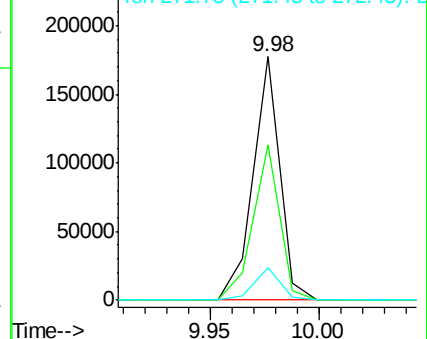
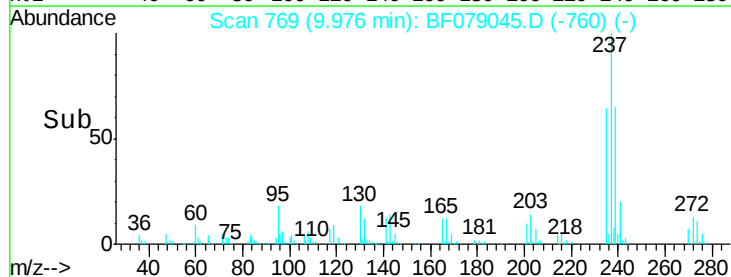
272 13.5 0.0 32.6

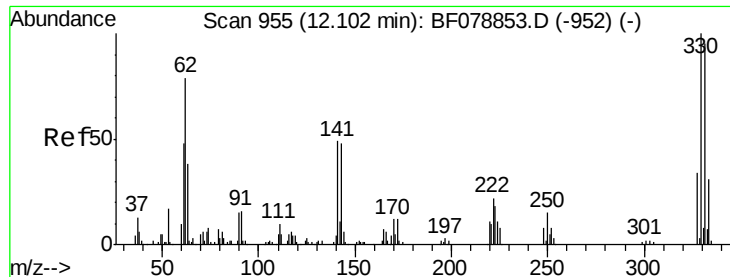


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

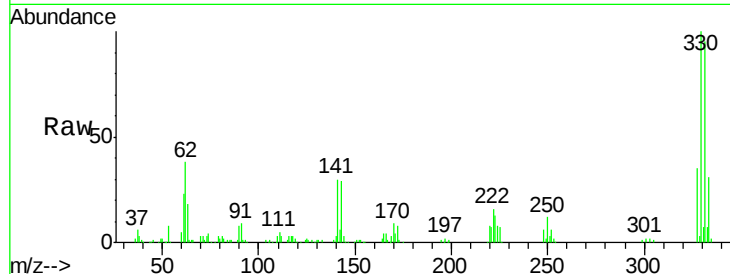




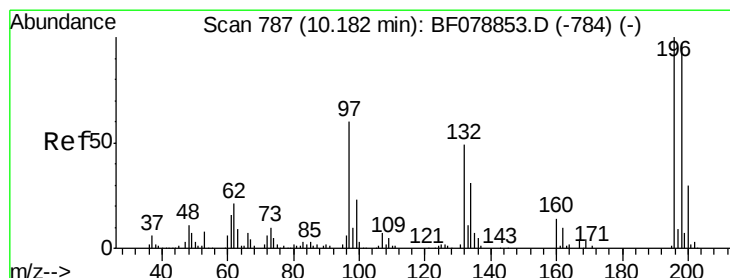
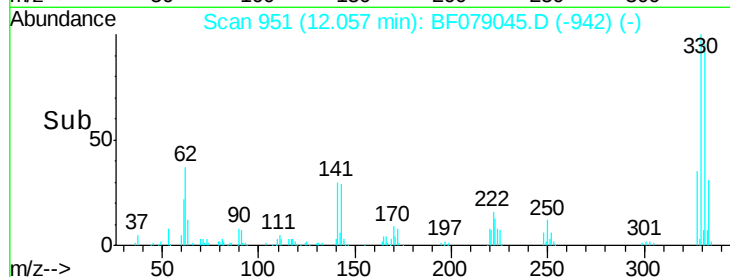
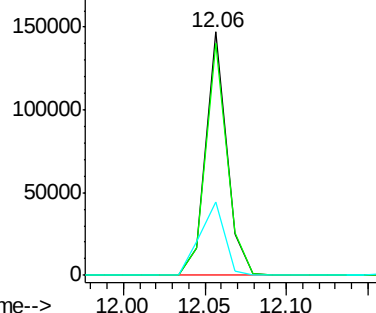
#41
 2,4,6-Tribromophenol
 Concen: 76.18 ng
 RT: 12.06 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

Tgt Ion:330 Resp: 130609
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 35.3 0.0 0.0#

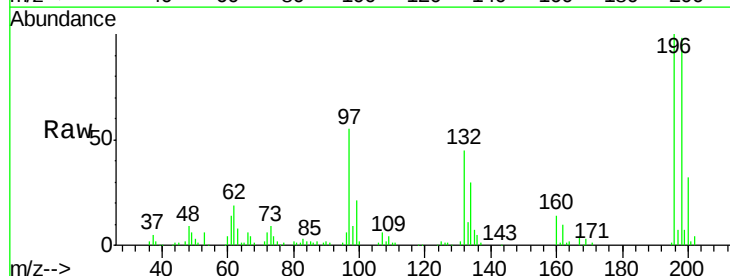


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

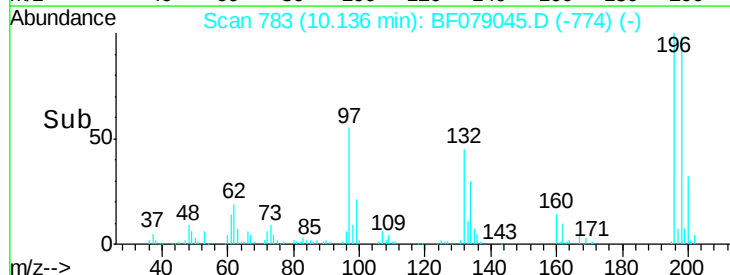
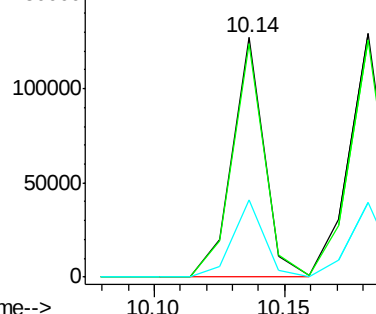


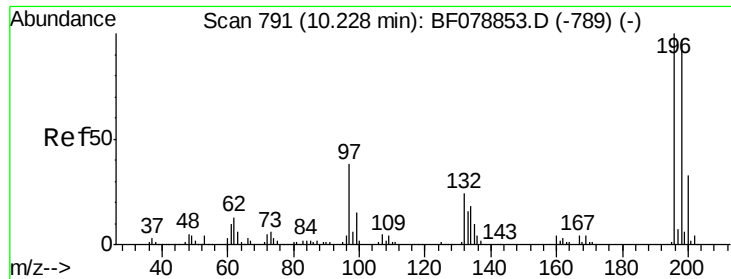
#42
 2,4,6-Trichlorophenol
 Concen: 35.51 ng
 RT: 10.14 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion:196 Resp: 108971
 Ion Ratio Lower Upper
 196 100
 198 97.7 80.5 120.7
 200 32.0 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

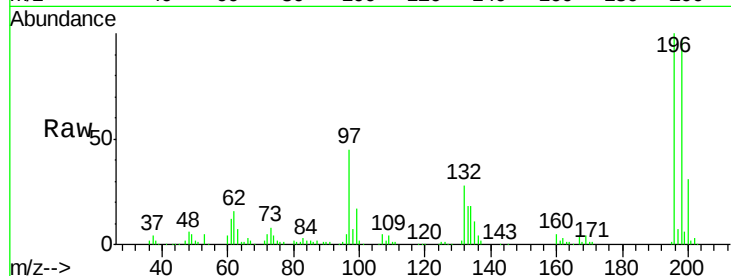




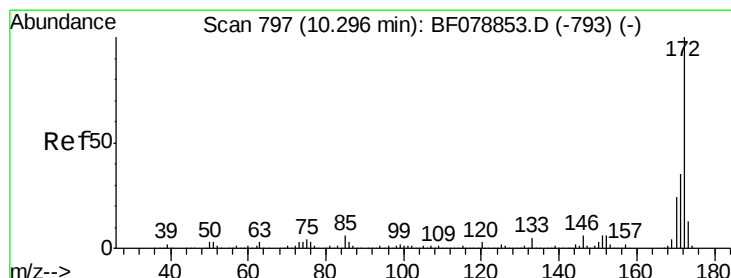
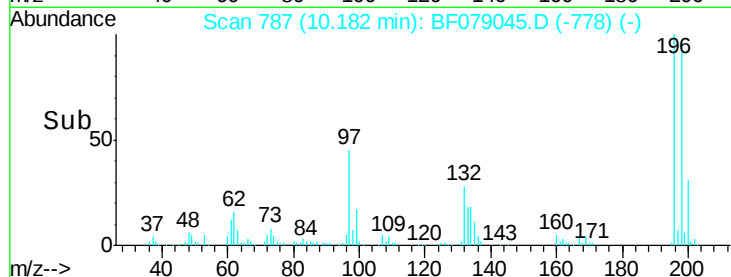
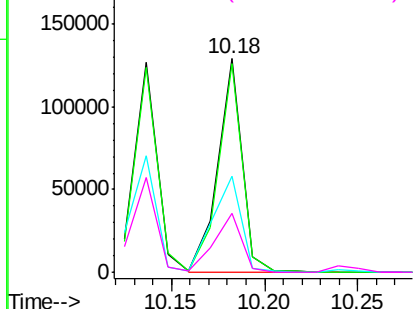
#43
 2,4,5-Trichlorophenol
 Concen: 37.72 ng
 RT: 10.18 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	79.8	119.6
97	44.9	46.0	69.0
132	27.8	26.6	40.0

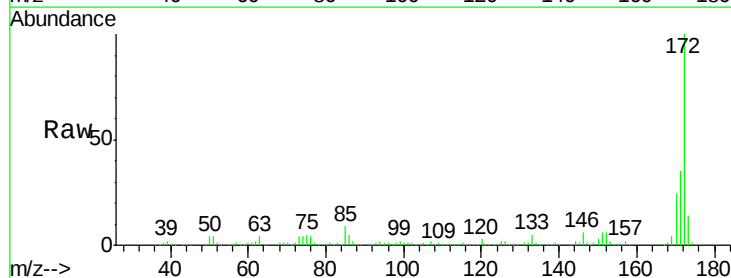


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

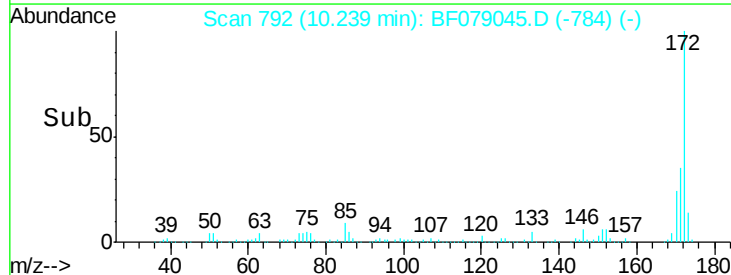
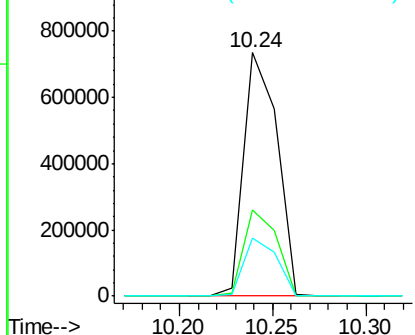


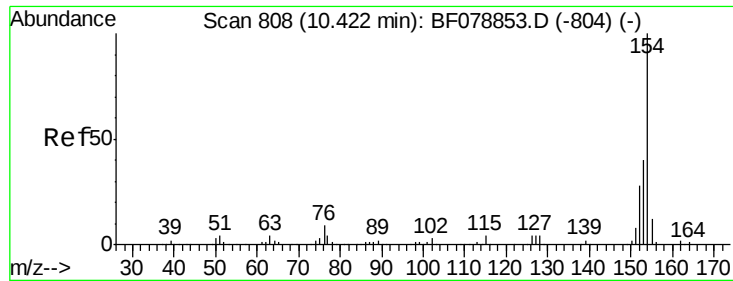
#44
 2-Fluorobiphenyl
 Concen: 80.26 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt 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: 35.10 ng

RT: 10.37 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

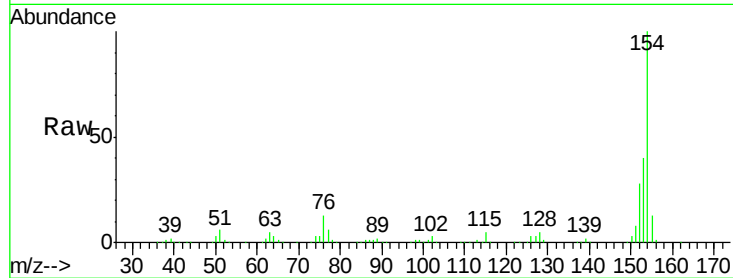
Tgt Ion:154 Resp: 442176

Ion Ratio Lower Upper

154 100

153 40.2 19.9 59.9

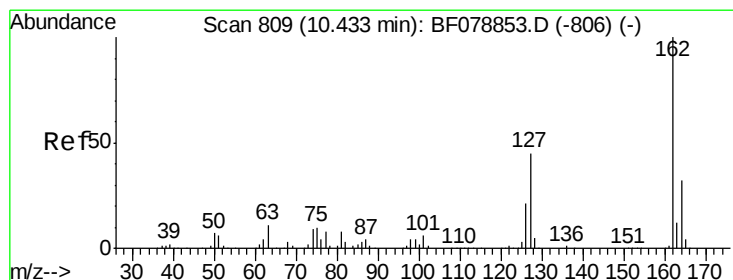
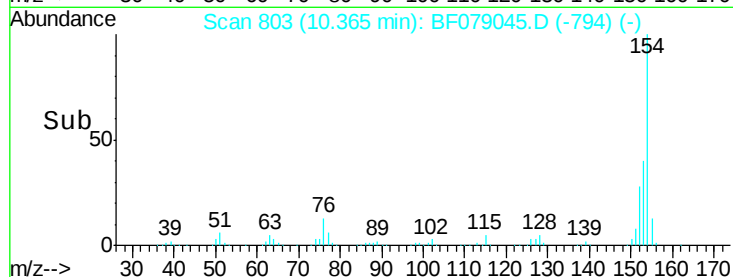
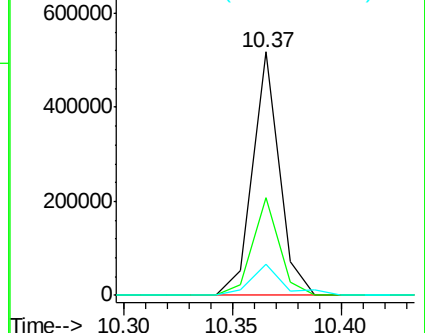
76 13.0 0.0 35.0



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: 35.88 ng

RT: 10.39 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

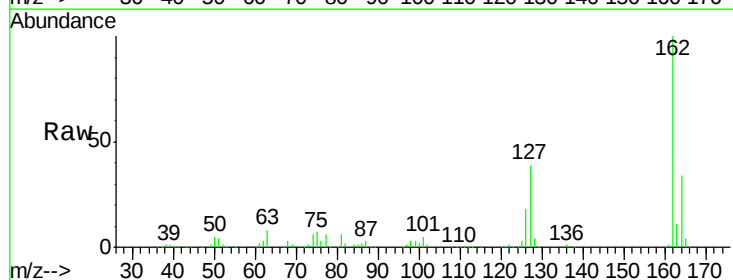
Tgt Ion:162 Resp: 352599

Ion Ratio Lower Upper

162 100

127 39.0 33.9 50.9

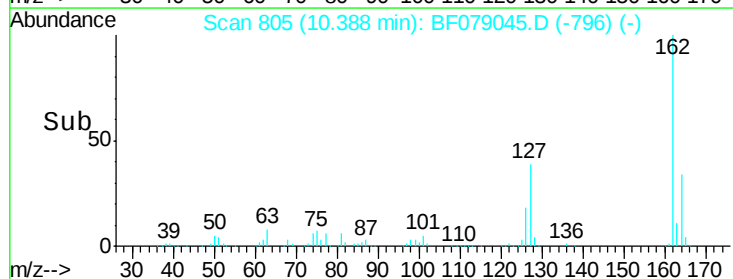
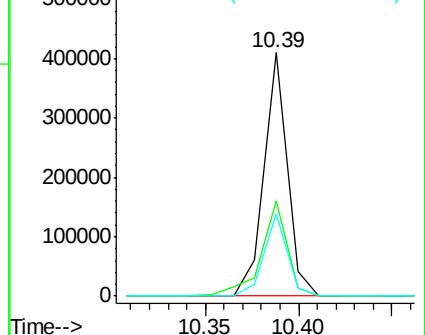
164 33.8 26.3 39.5

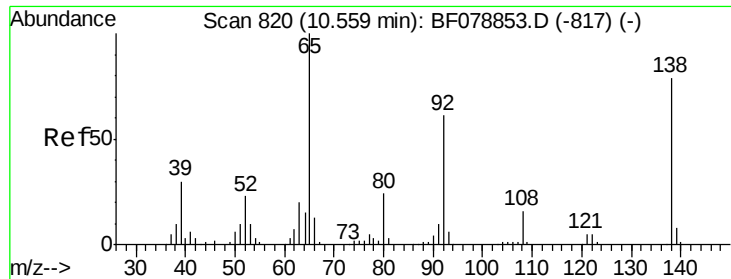


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

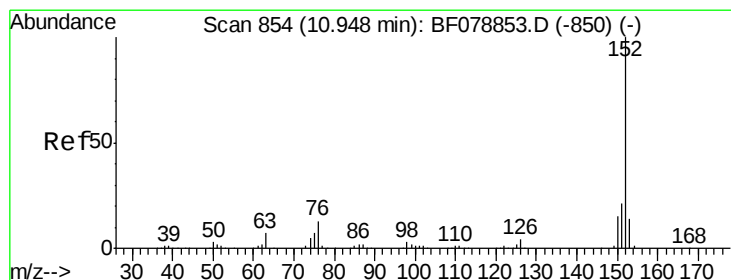
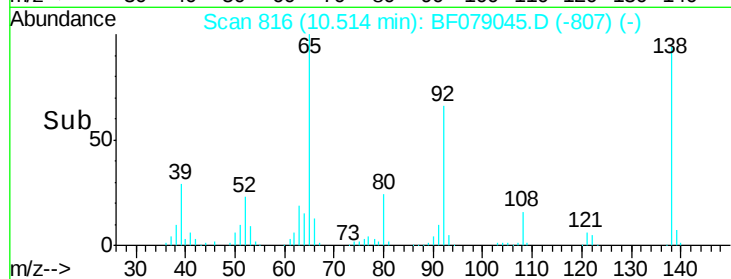
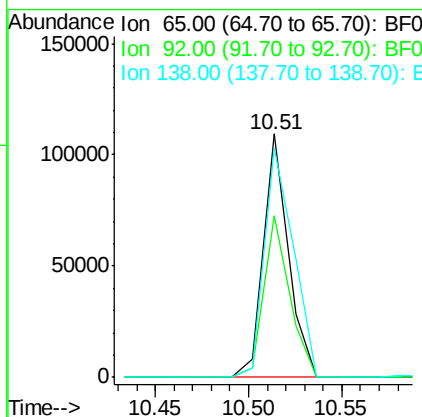
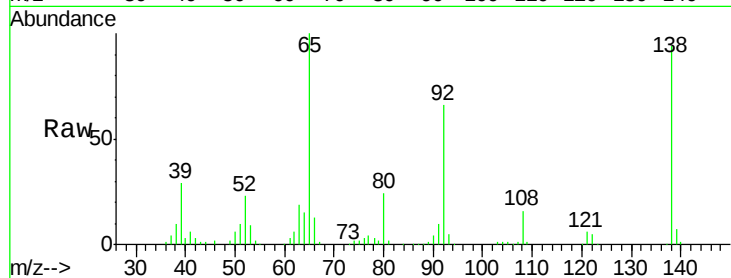




#47
 2-Nitroaniline
 Concen: 35.20 ng
 RT: 10.51 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

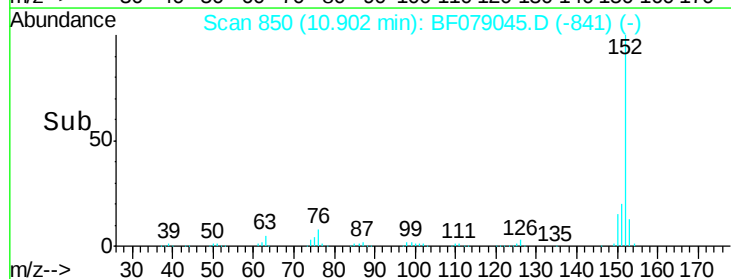
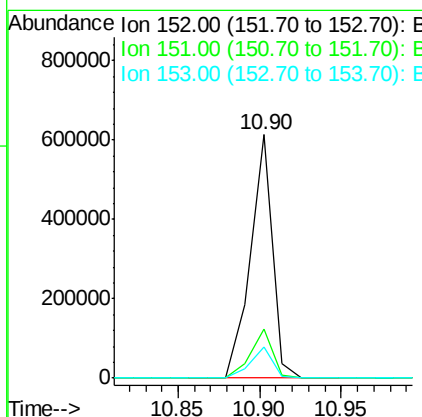
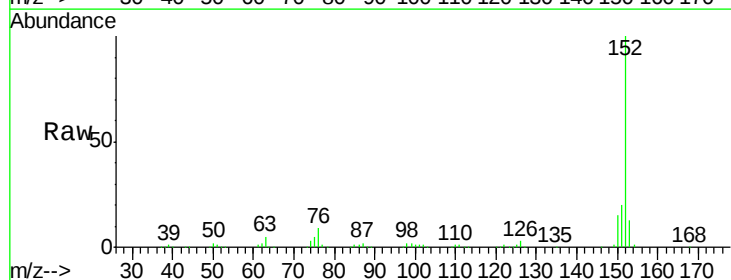
Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

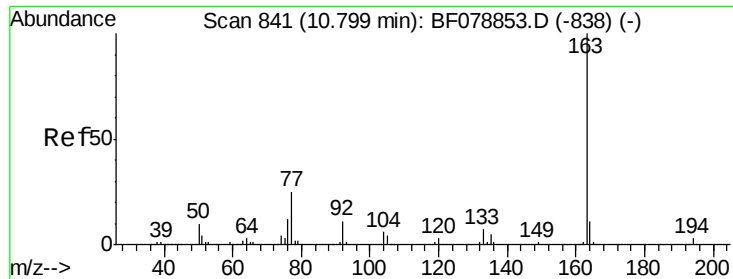
Tgt Ion: 65 Resp: 100220
 Ion Ratio Lower Upper
 65 100
 92 66.2 54.0 81.0
 138 94.1 75.0 112.6



#48
 Acenaphthylene
 Concen: 35.64 ng
 RT: 10.90 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion: 152 Resp: 575101
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4
 153 13.0 10.9 16.3

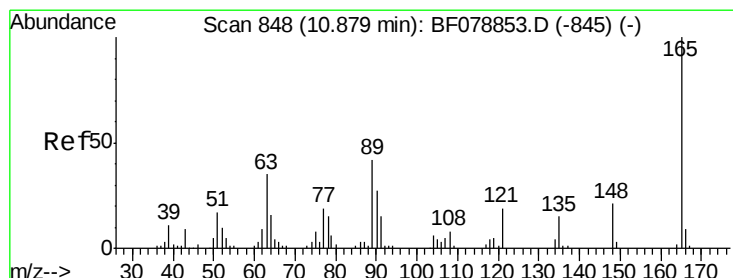
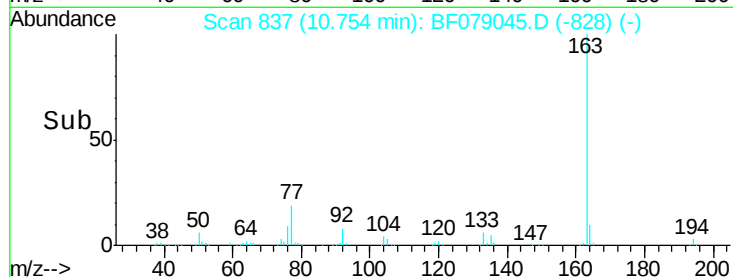
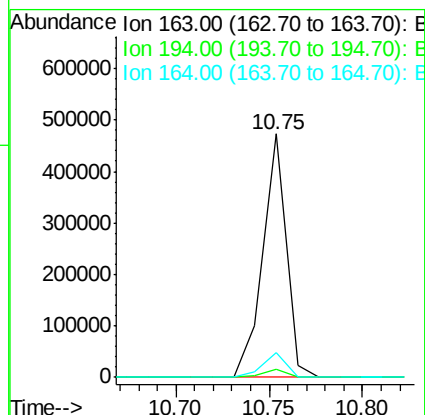
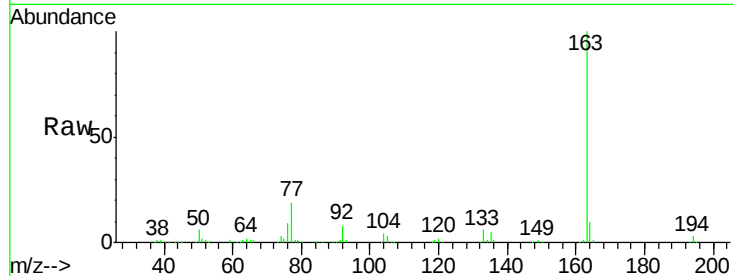




#49
Dimethylphthalate
Concen: 35.28 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

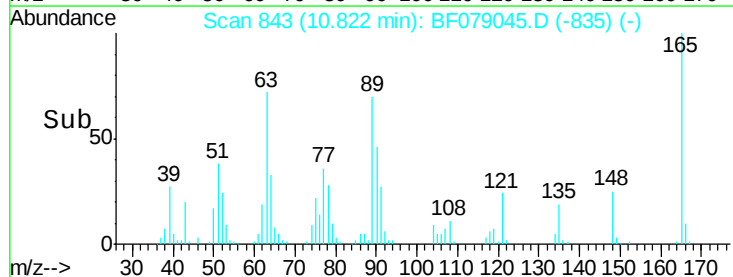
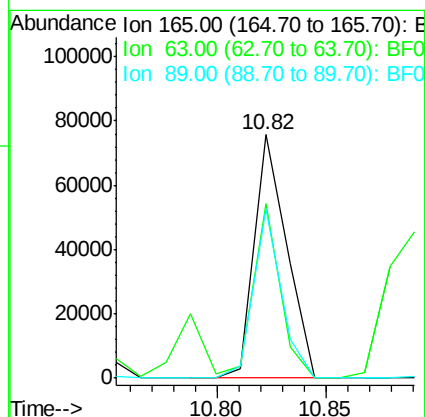
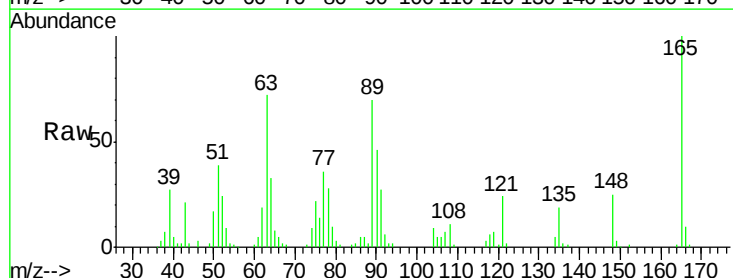
Instrument :
BNA_F
ClientSampleId :
PB83253BS

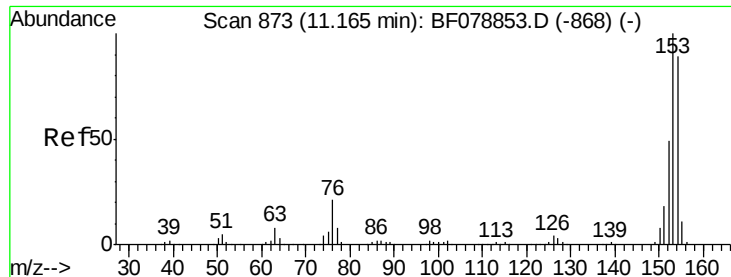
Tgt Ion:163 Resp: 410344
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 34.18 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Tgt Ion:165 Resp: 78450
Ion Ratio Lower Upper
165 100
63 71.8 54.4 81.6
89 69.7 55.7 83.5





#51

Acenaphthene

Concen: 33.46 ng

RT: 11.12 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

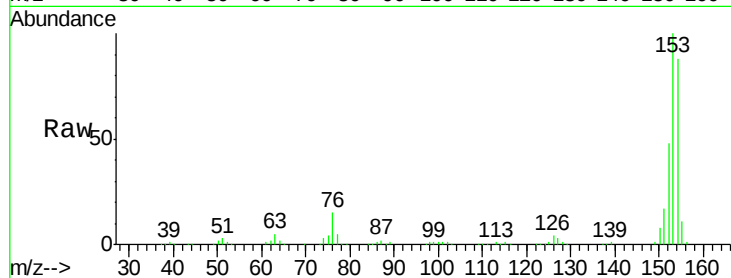
Tgt Ion:154 Resp: 321909

Ion Ratio Lower Upper

154 100

153 113.7 91.5 137.3

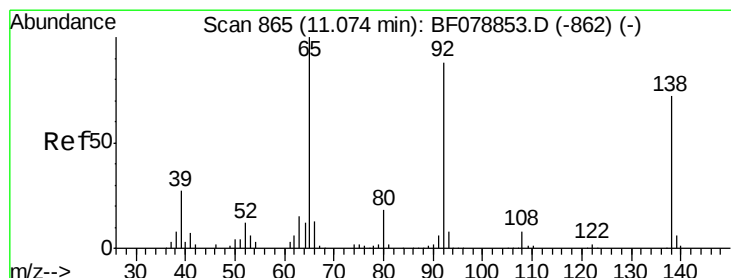
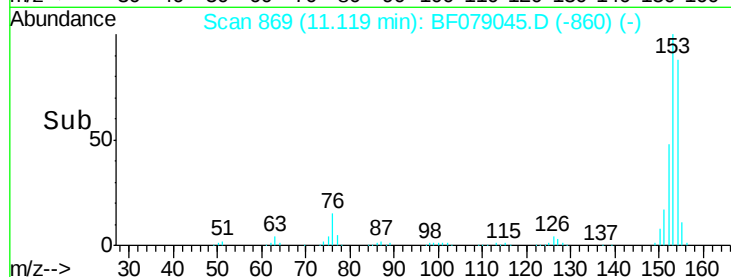
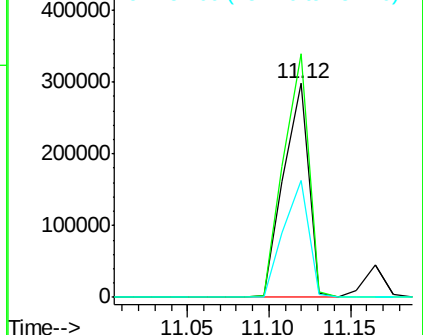
152 54.7 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.74 ng

RT: 11.03 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

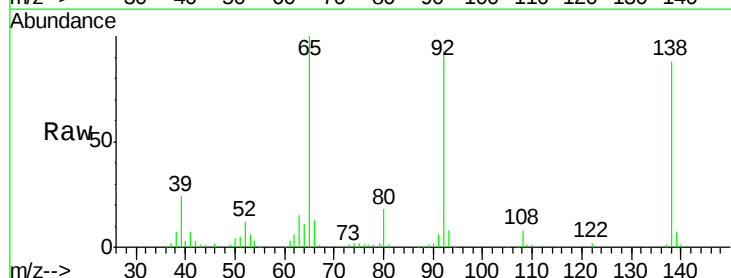
Tgt Ion:138 Resp: 70938

Ion Ratio Lower Upper

138 100

108 9.5 10.6 16.0#

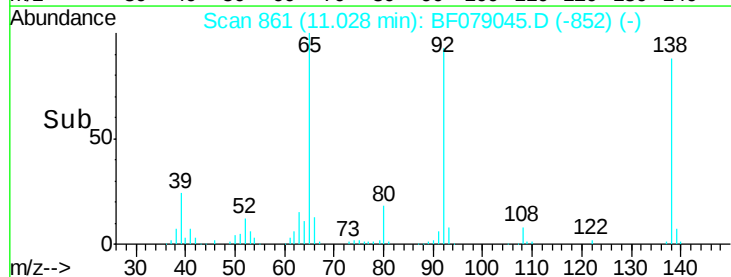
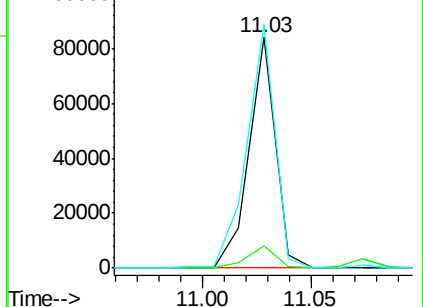
92 105.6 81.8 122.6

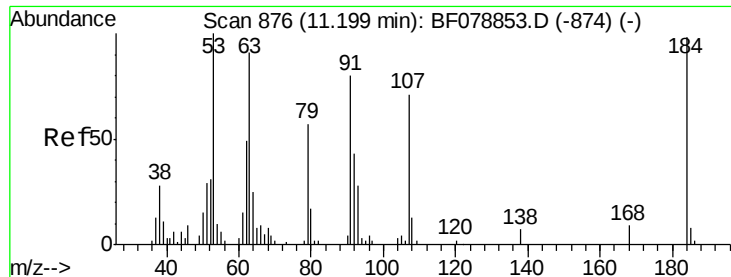


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

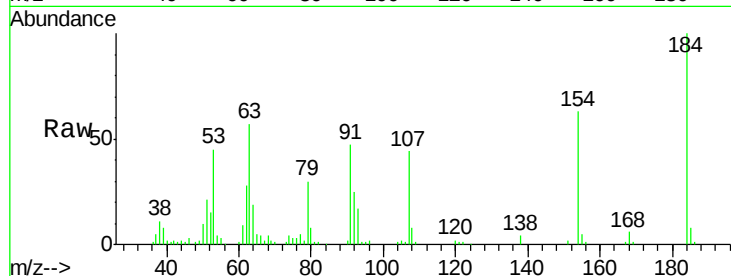




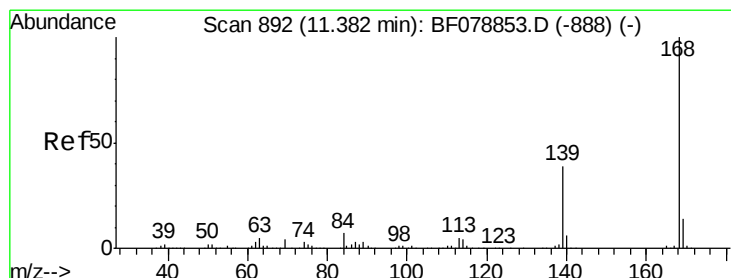
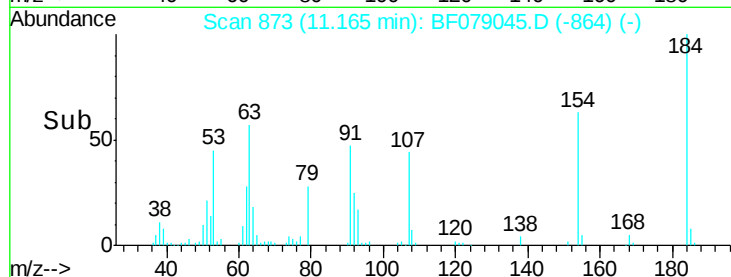
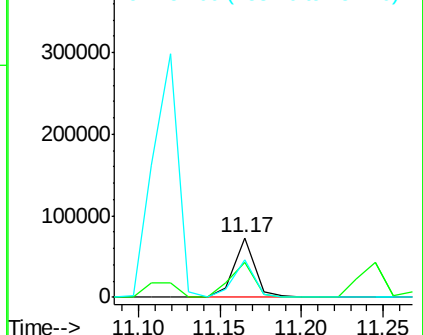
#53
 2,4-Dinitrophenol
 Concen: 72.11 ng
 RT: 11.17 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Instrument :
 BNA_F
 ClientSampled :
 PB83253BS

Tgt Ion:184 Resp: 65445
 Ion Ratio Lower Upper
 184 100
 63 57.5 63.3 94.9#
 154 62.6 53.8 80.6

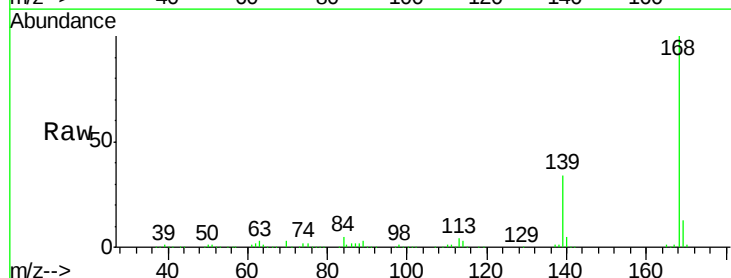


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

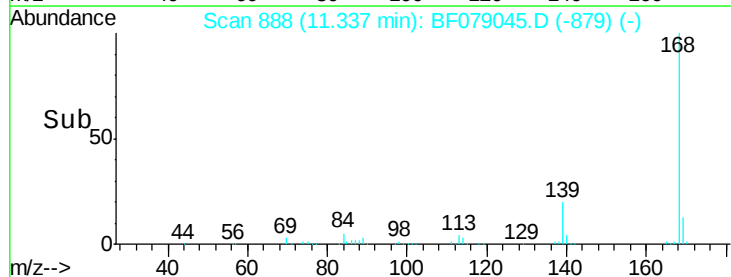
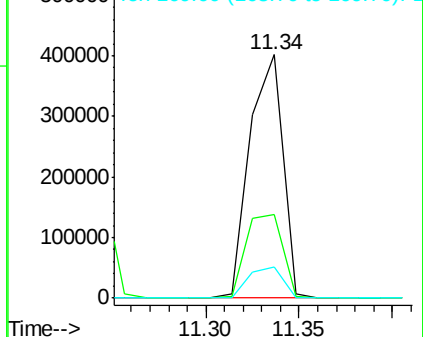


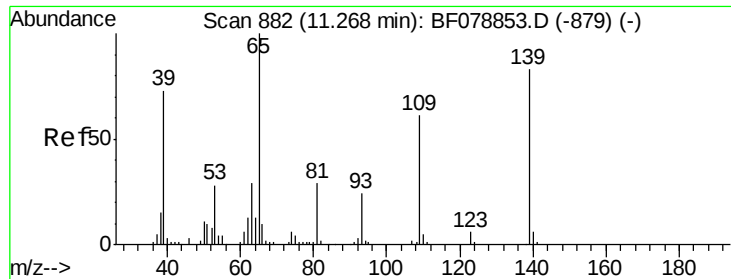
#54
 Dibenzofuran
 Concen: 35.48 ng
 RT: 11.34 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion:168 Resp: 493072
 Ion Ratio Lower Upper
 168 100
 139 34.1 31.0 46.4
 169 13.0 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

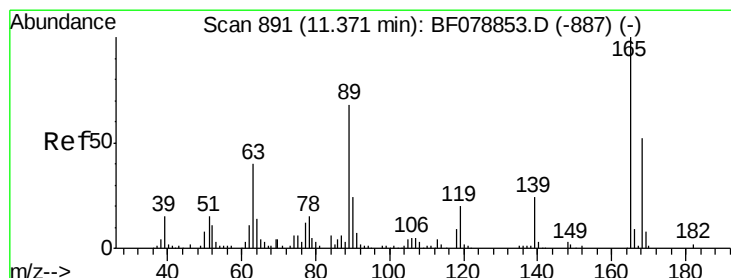
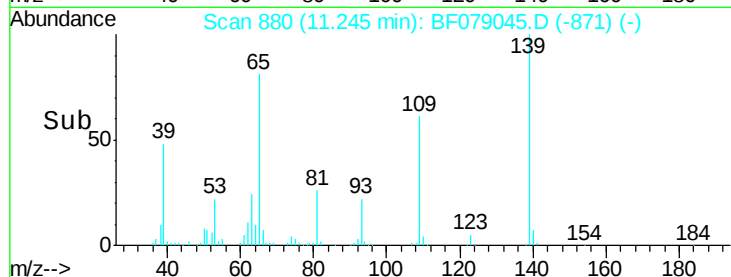
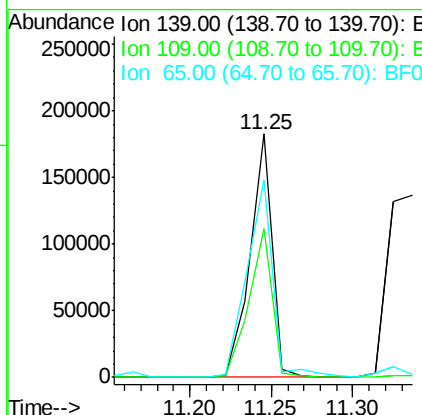
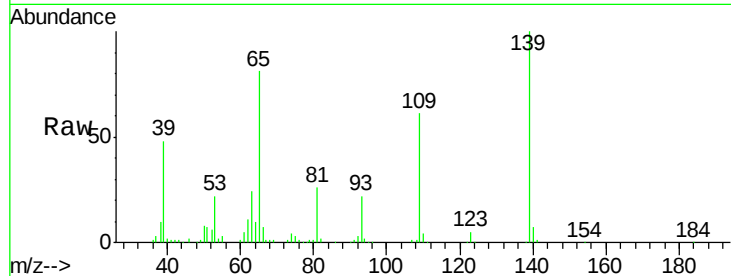




#55
4-Nitrophenol
Concen: 75.26 ng
RT: 11.25 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

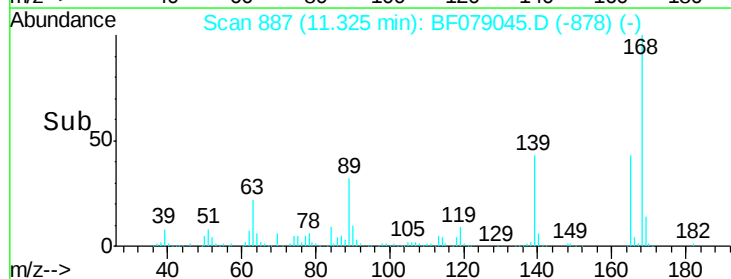
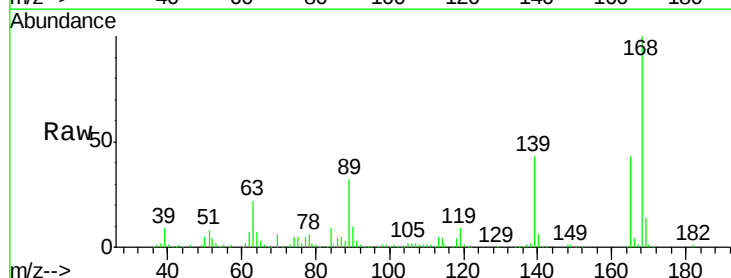
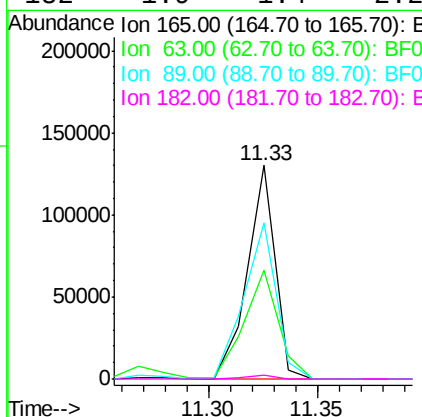
Instrument :
BNA_F
ClientSampleId :
PB83253BS

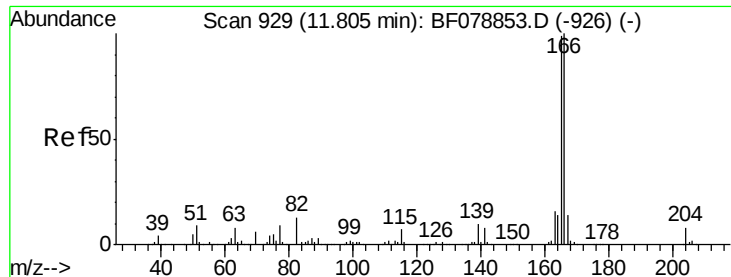
Tgt Ion:139 Resp: 170791
Ion Ratio Lower Upper
139 100
109 61.1 47.6 87.6
65 80.9 54.3 94.3



#56
2,4-Dinitrotoluene
Concen: 37.90 ng
RT: 11.33 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Tgt Ion:165 Resp: 115008
Ion Ratio Lower Upper
165 100
63 50.9 51.2 76.8#
89 73.4 82.7 124.1#
182 1.9 1.4 2.2

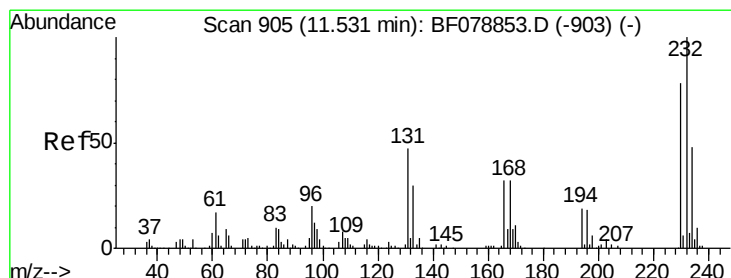
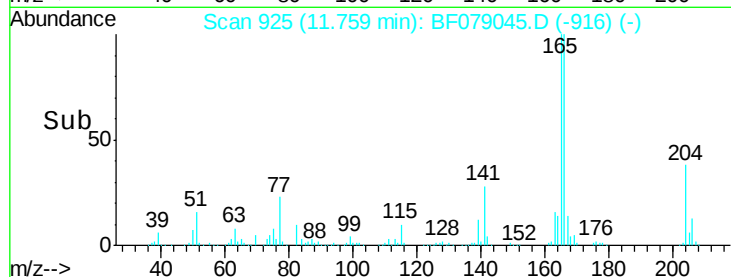
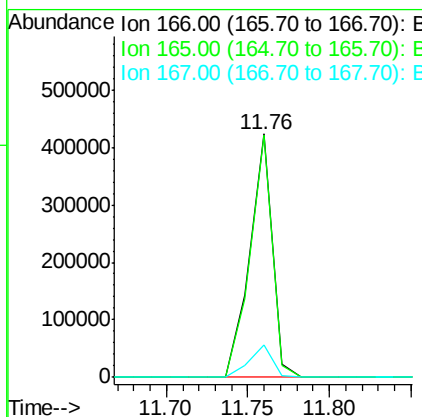
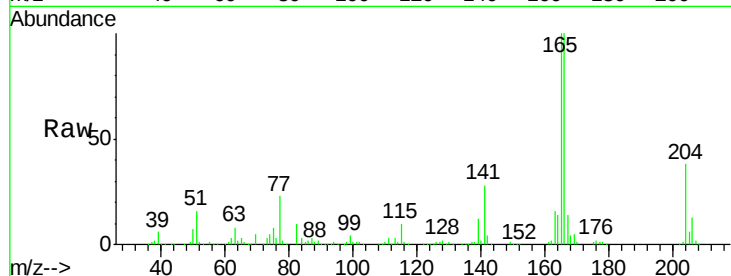




#57
 Fluorene
 Concen: 35.48 ng
 RT: 11.76 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

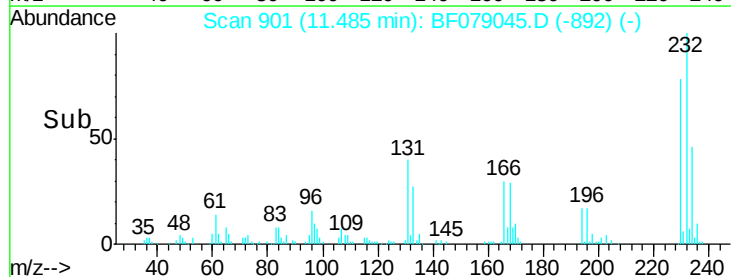
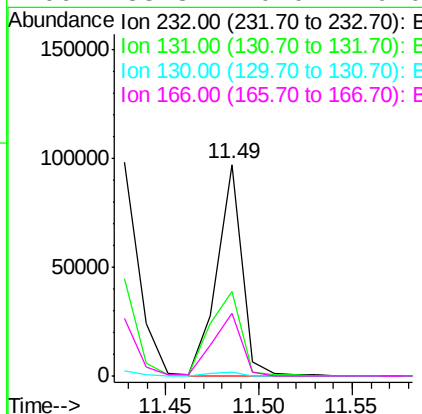
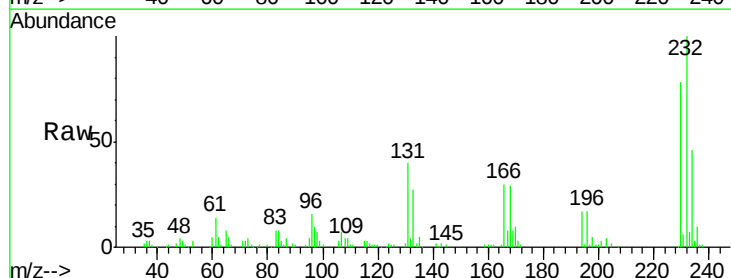
Instrument :
 BNA_F
 ClientSampled :
 PB83253BS

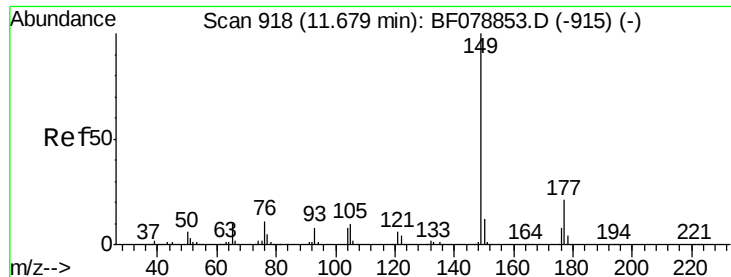
Tgt Ion:166 Resp: 404769
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.5 117.7
 167 13.6 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.24 ng
 RT: 11.49 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion:232 Resp: 91864
 Ion Ratio Lower Upper
 232 100
 131 49.4 0.0 0.0#
 130 2.4 0.0 0.0#
 166 33.3 0.0 0.0#

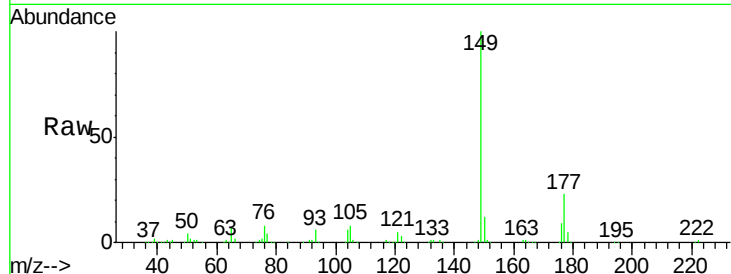




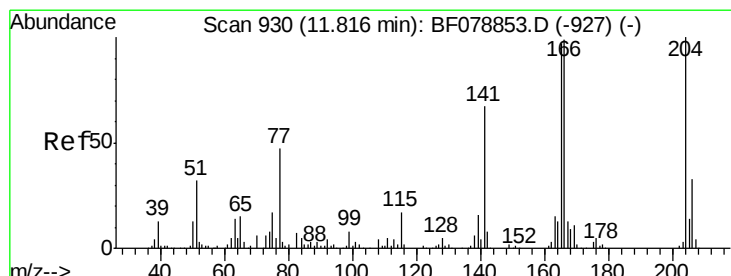
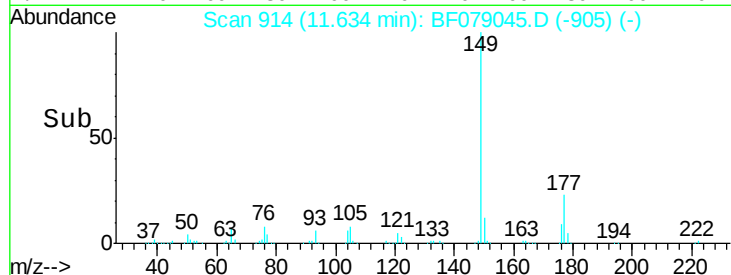
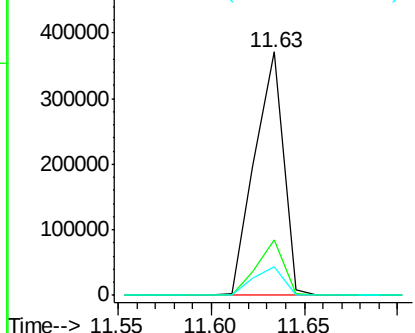
#59
Diethylphthalate
Concen: 34.45 ng
RT: 11.63 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB83253BS

Tgt Ion:149 Resp: 396921
Ion Ratio Lower Upper
149 100
177 22.9 17.5 26.3
150 11.9 9.6 14.4

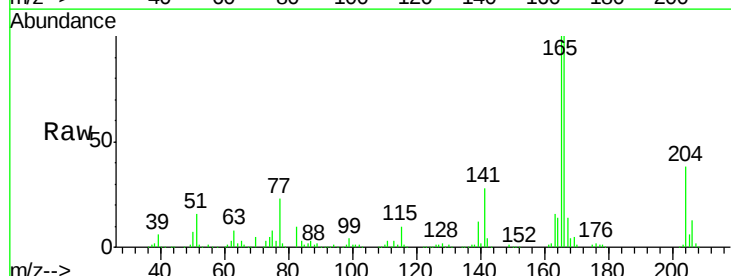


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

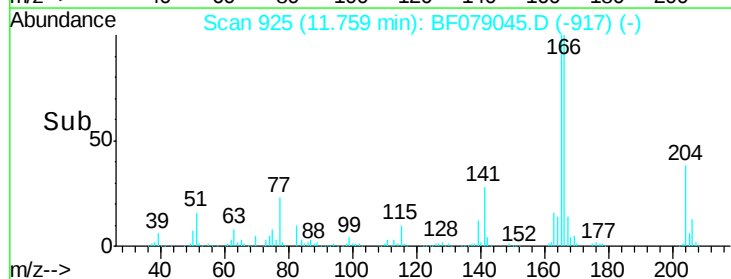
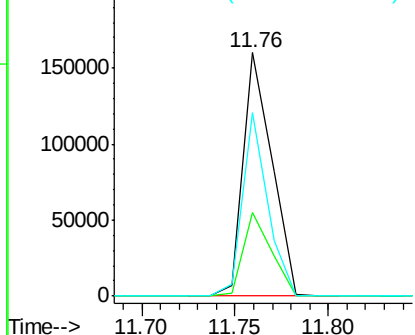


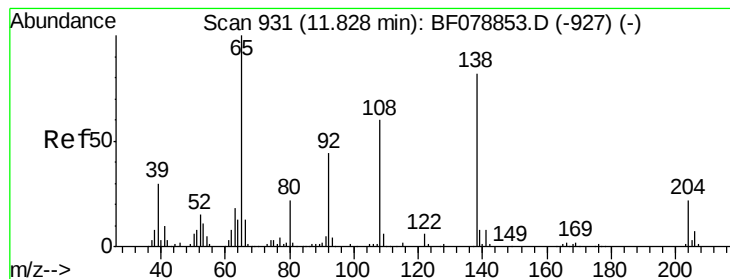
#60
4-Chlorophenyl-phenylether
Concen: 33.87 ng
RT: 11.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Tgt Ion:204 Resp: 171381
Ion Ratio Lower Upper
204 100
206 34.1 26.9 40.3
141 75.3 48.3 72.5#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.32 ng

RT: 11.78 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

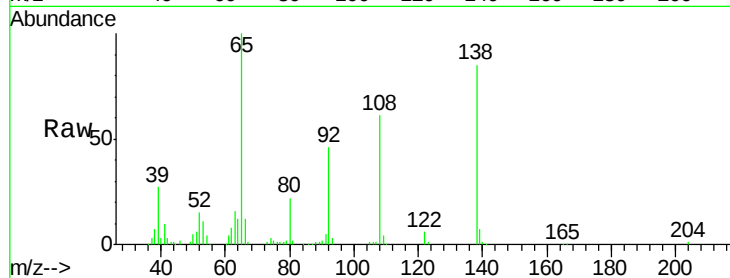
Tgt Ion:138 Resp: 95569

Ion Ratio Lower Upper

138 100

92 53.9 28.0 68.0

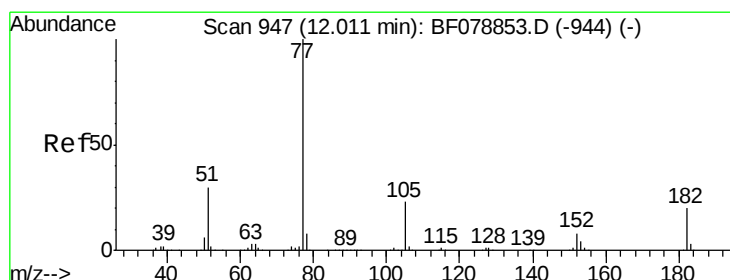
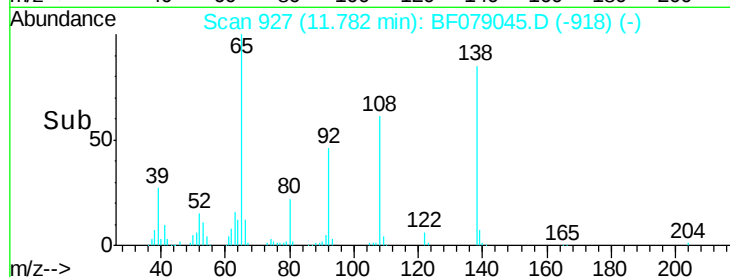
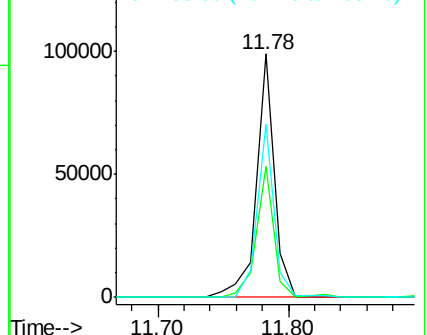
108 71.3 56.3 96.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.15 ng

RT: 11.95 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Tgt Ion: 77 Resp: 399133

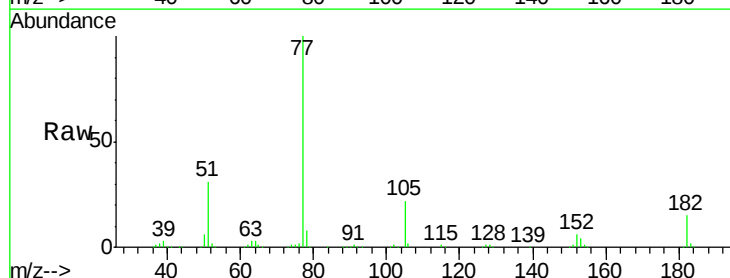
Ion Ratio Lower Upper

77 100

182 15.4 3.8 43.8

105 22.0 3.9 43.9

51 31.1 10.8 50.8

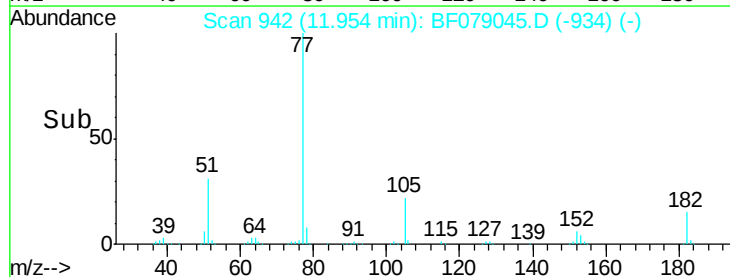
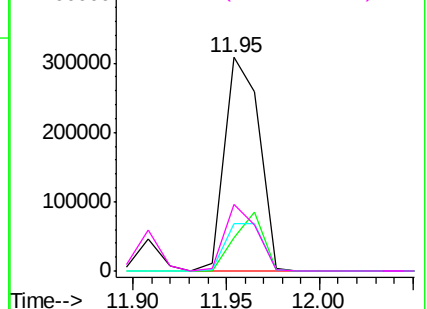


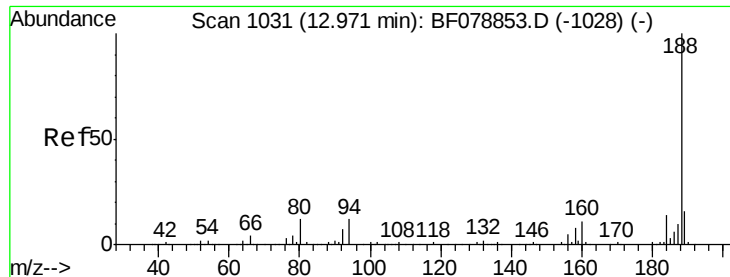
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

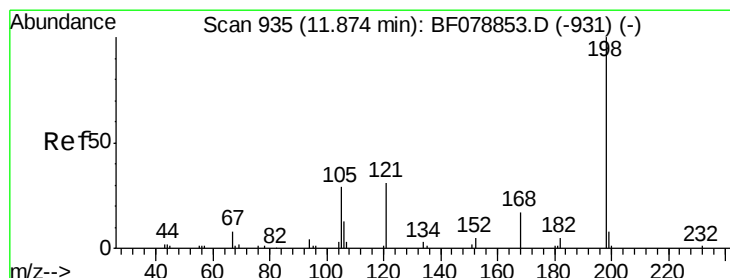
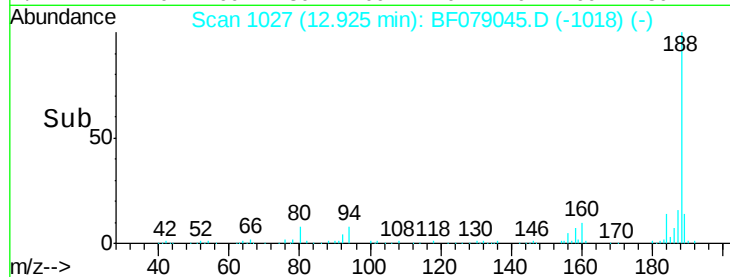
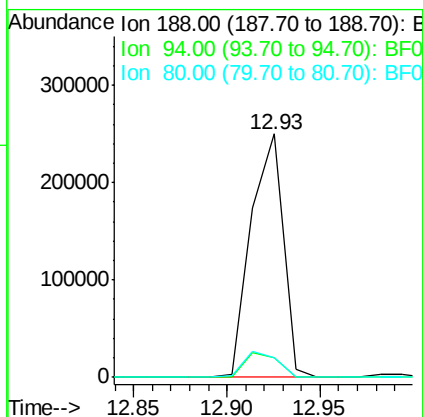
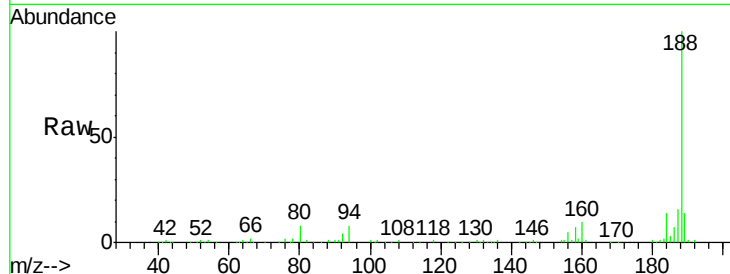




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

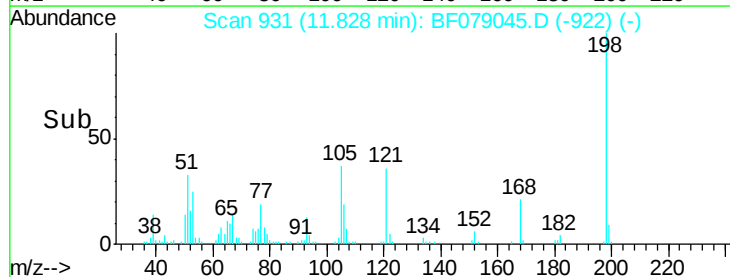
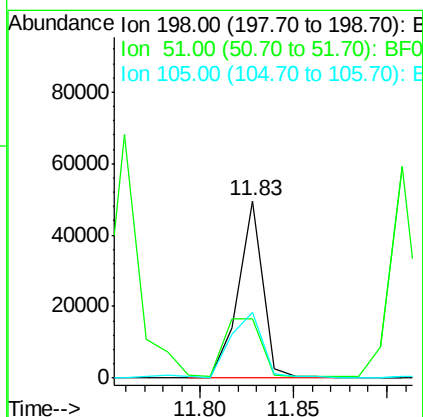
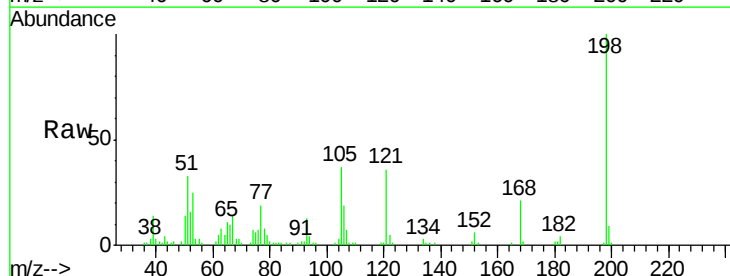
Instrument :
BNA_F
ClientSampleId :
PB83253BS

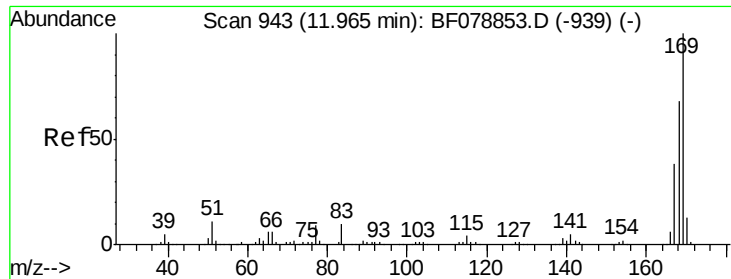
Tgt Ion:188 Resp: 298627
Ion Ratio Lower Upper
188 100
94 7.8 8.2 12.2#
80 7.8 8.9 13.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.84 ng
RT: 11.83 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Tgt Ion:198 Resp: 46147
Ion Ratio Lower Upper
198 100
51 33.4 47.3 87.3#
105 36.9 38.8 78.8#

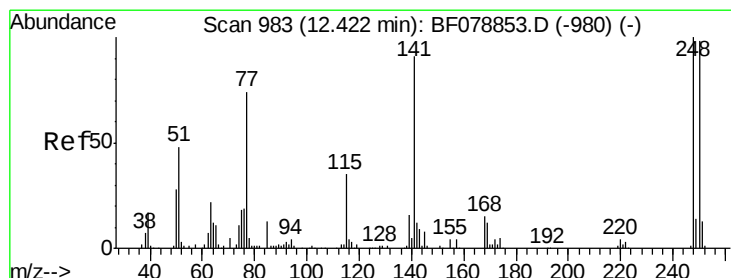
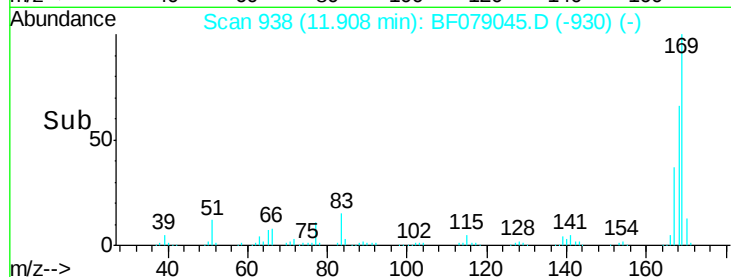
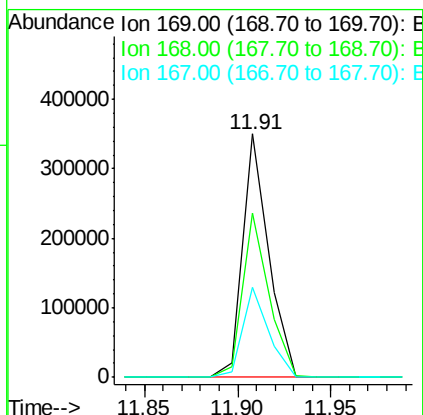
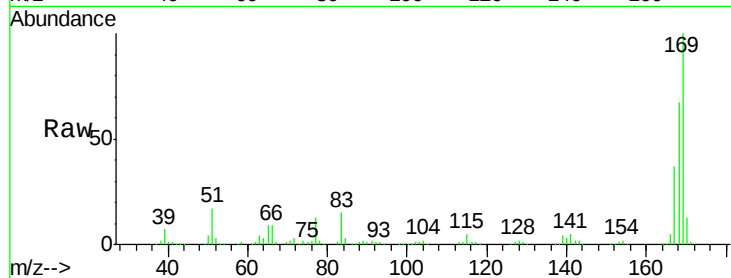




#65
 n-Nitrosodiphenylamine
 Concen: 34.07 ng
 RT: 11.91 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

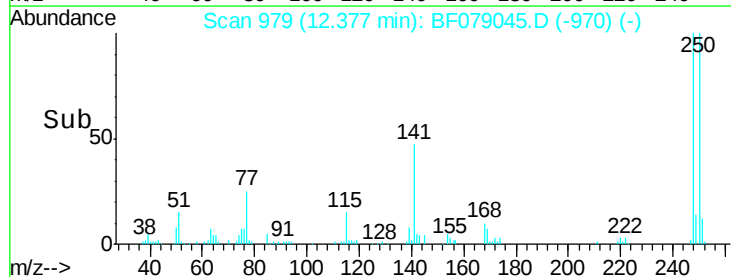
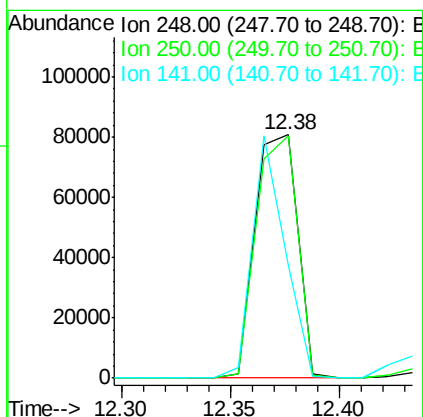
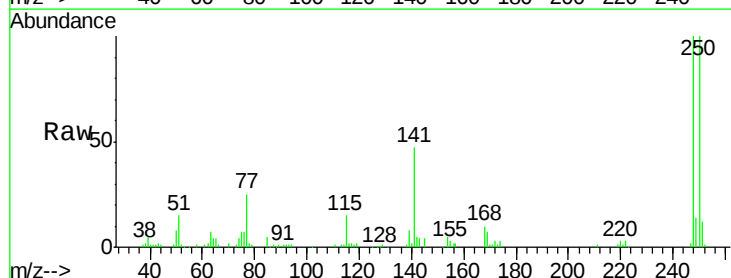
Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

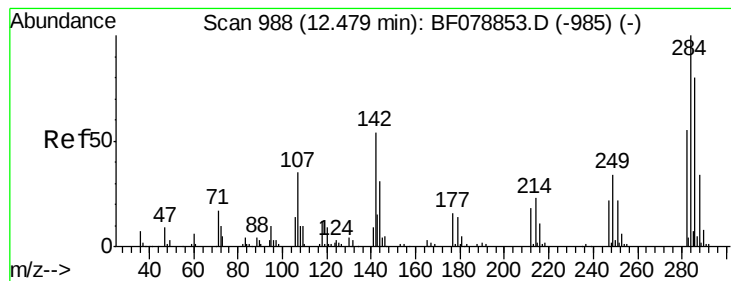
Tgt Ion:169 Resp: 338855
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.6 82.0
 167 37.0 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 35.55 ng
 RT: 12.38 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion:248 Resp: 110647
 Ion Ratio Lower Upper
 248 100
 250 99.6 77.1 115.7
 141 46.6 58.8 88.2#





#67

Hexachlorobenzene

Concen: 35.30 ng

RT: 12.43 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

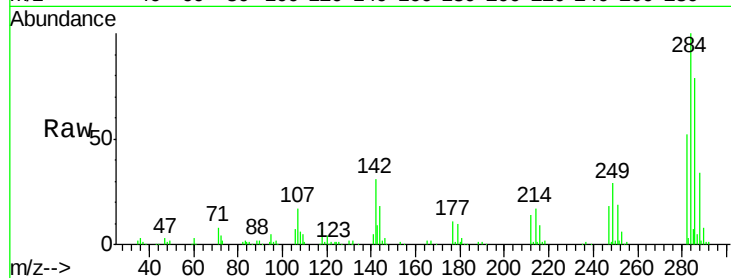
Tgt Ion:284 Resp: 125594

Ion Ratio Lower Upper

284 100

142 31.4 35.2 52.8#

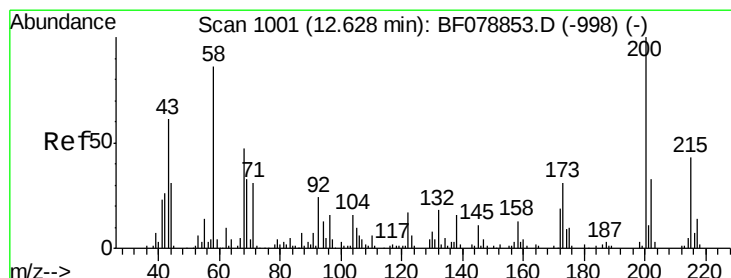
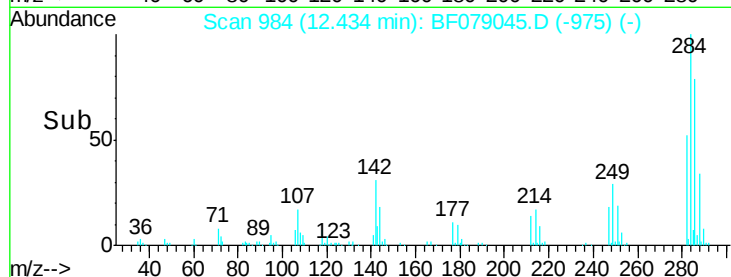
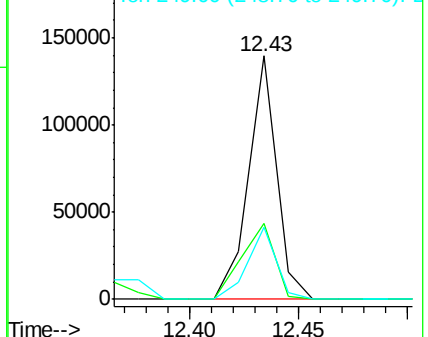
249 29.4 25.4 38.2



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: 37.26 ng

RT: 12.58 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

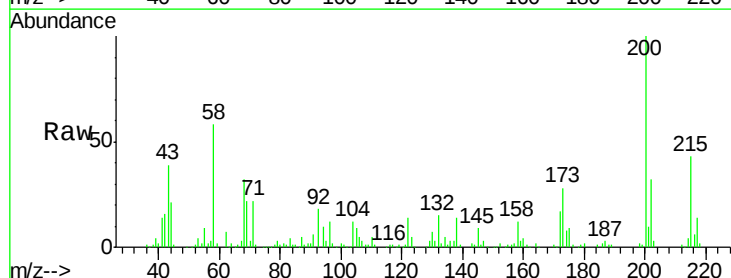
Tgt Ion:200 Resp: 107766

Ion Ratio Lower Upper

200 100

173 28.1 8.1 48.1

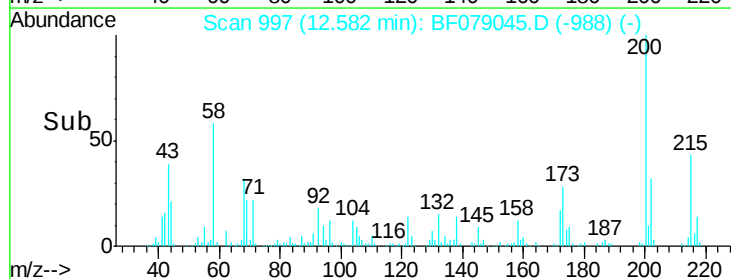
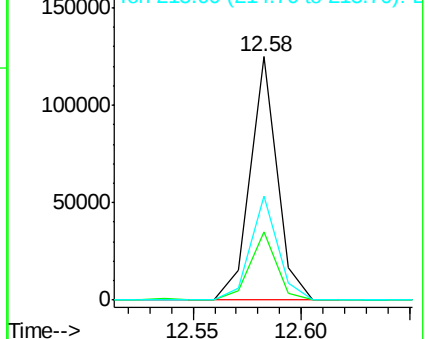
215 42.8 22.9 62.9

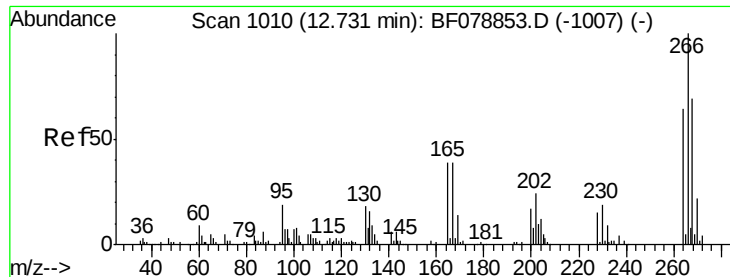


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

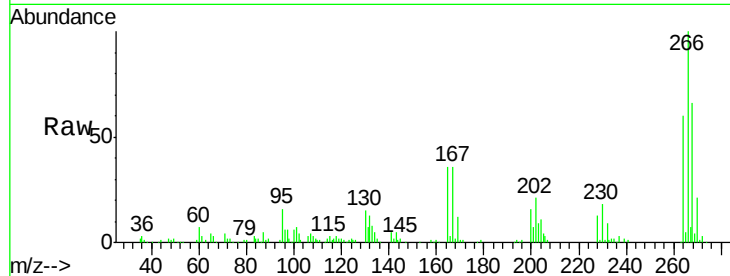




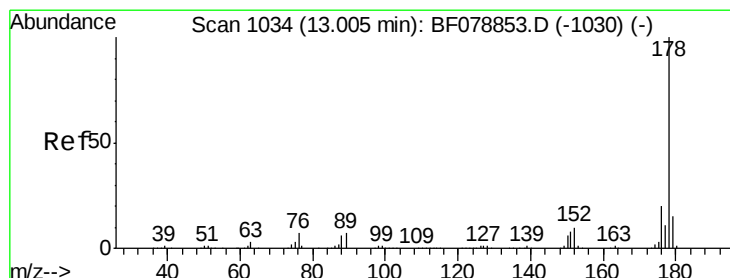
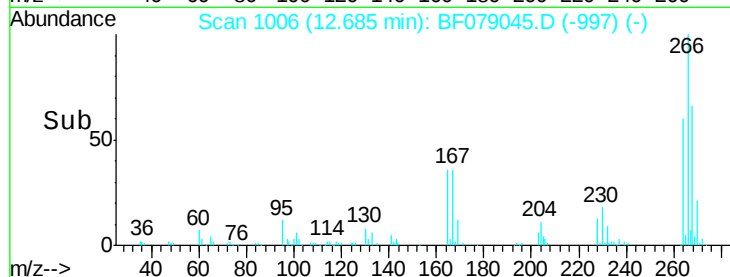
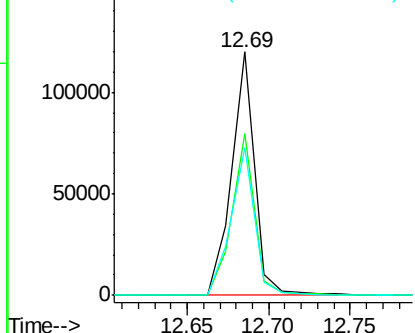
#69
 Pentachlorophenol
 Concen: 57.96 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

Tgt Ion: 266 Resp: 116351
 Ion Ratio Lower Upper
 266 100
 268 66.5 55.0 82.6
 264 60.5 48.2 72.2

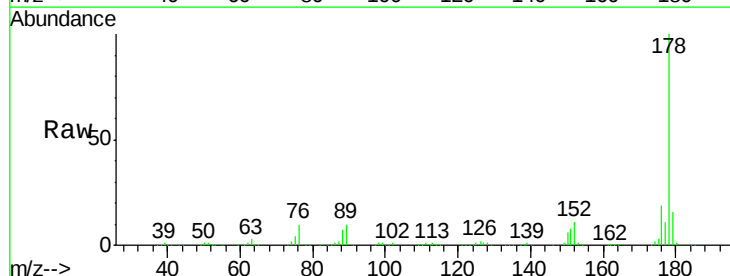


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

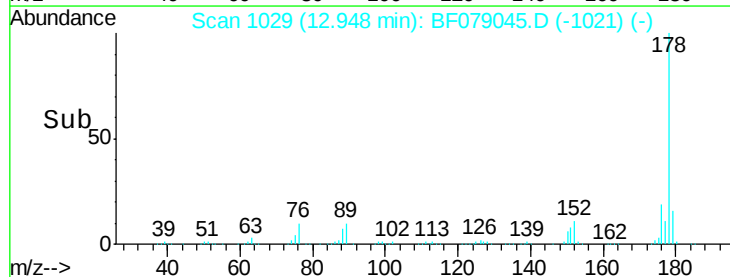
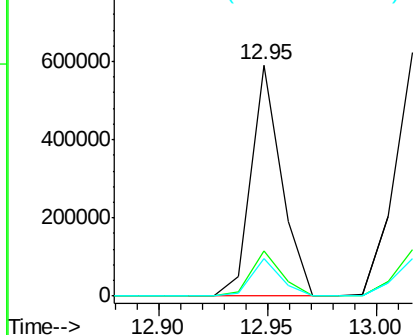


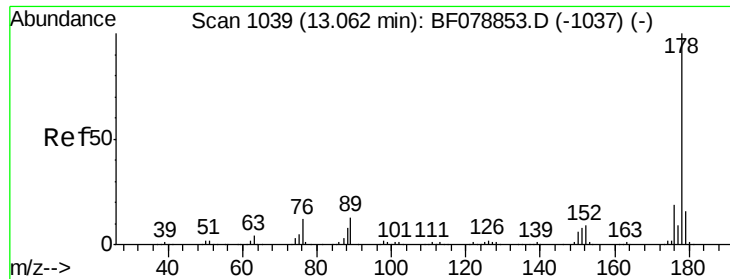
#70
 Phenanthrene
 Concen: 34.16 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion: 178 Resp: 570662
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 16.1 12.5 18.7



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





#71

Anthracene

Concen: 36.56 ng

RT: 13.02 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

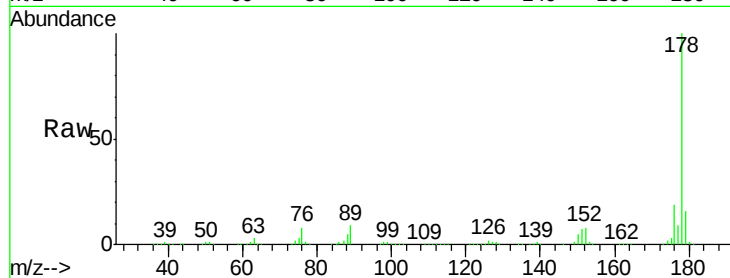
Tgt Ion:178 Resp: 599225

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

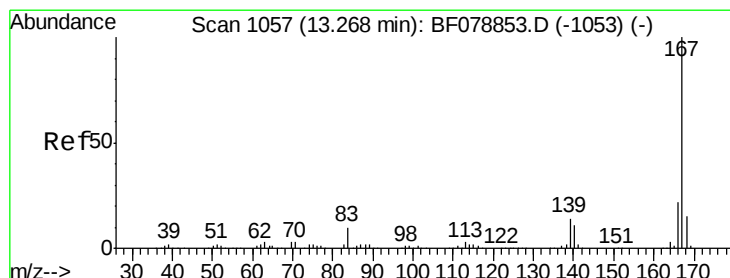
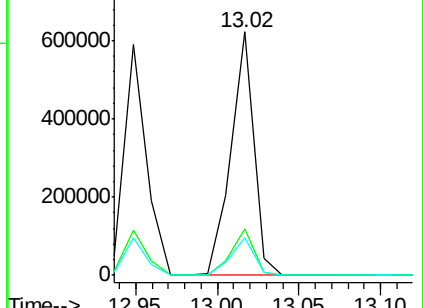
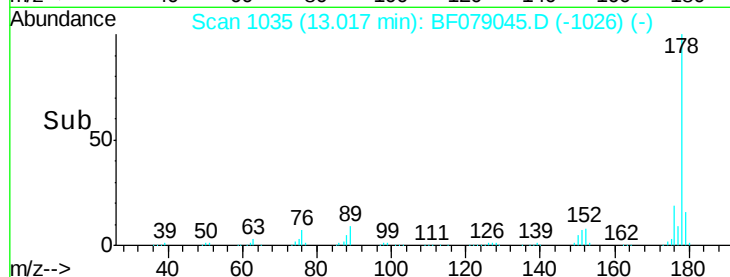
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.15 ng

RT: 13.22 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

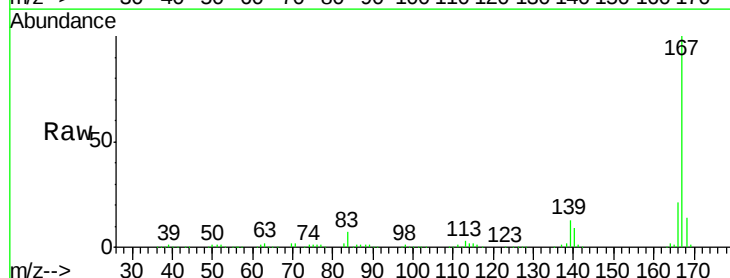
Tgt Ion:167 Resp: 580288

Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.8

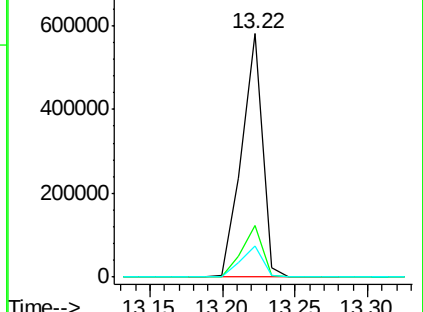
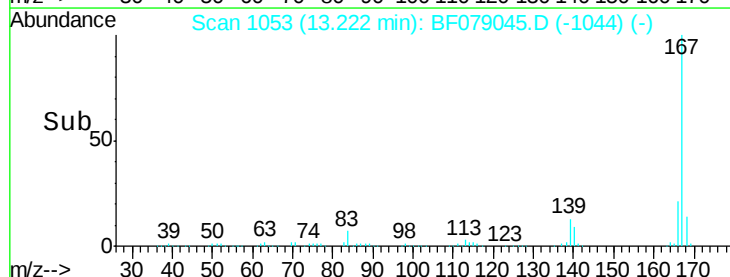
139 12.7 10.6 16.0

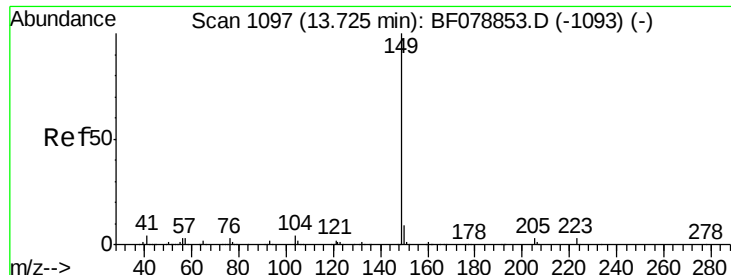


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.16 ng

RT: 13.67 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

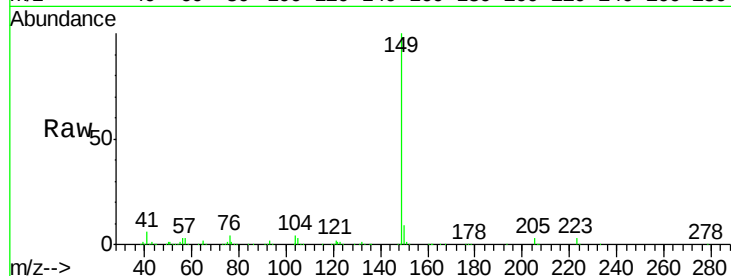
Tgt Ion:149 Resp: 677352

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

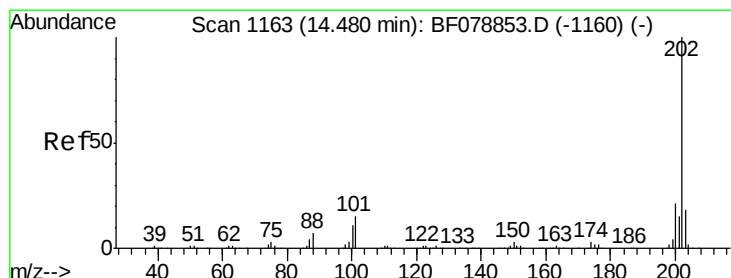
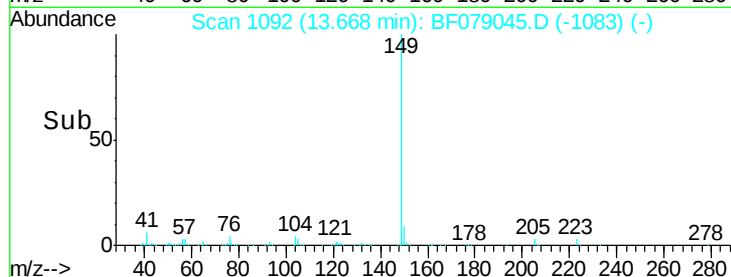
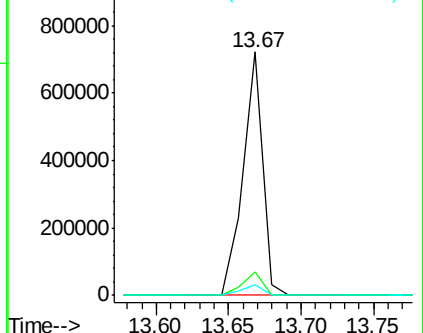
104 4.4 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.21 ng

RT: 14.43 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

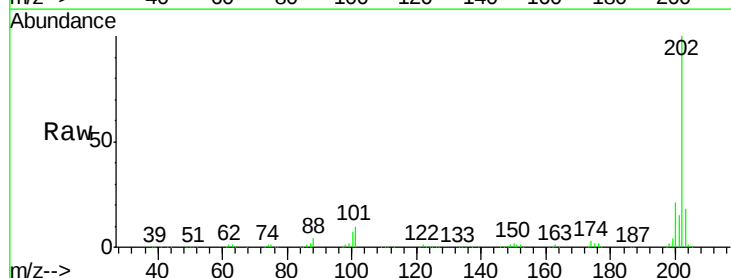
Tgt Ion:202 Resp: 630350

Ion Ratio Lower Upper

202 100

101 9.6 0.0 34.6

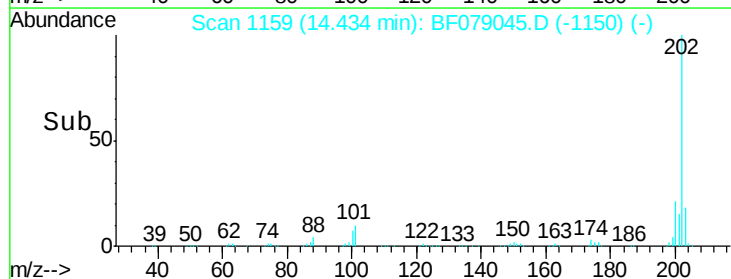
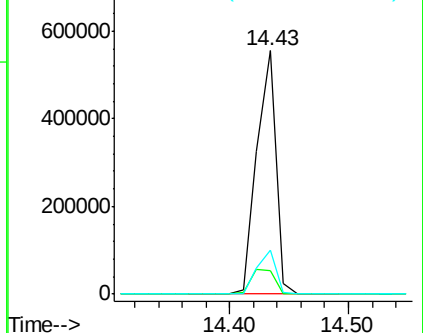
203 18.1 0.0 38.4

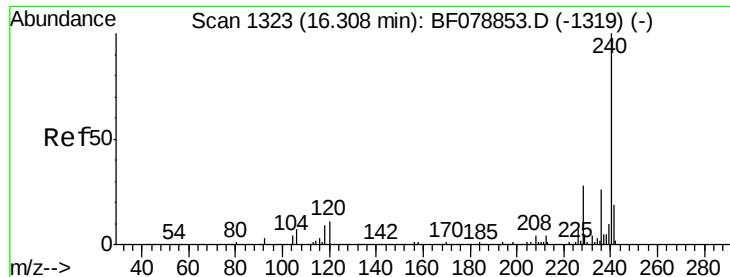


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.22 min Scan# 1315

Delta R.T. -0.03 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

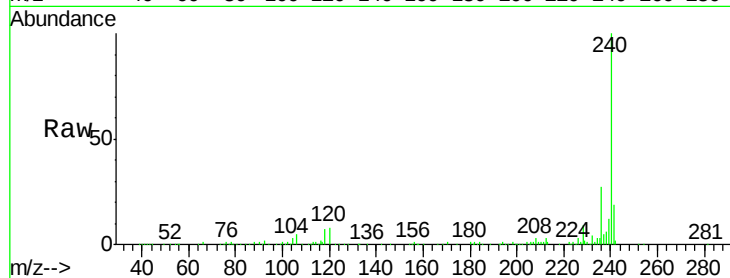
Tgt Ion:240 Resp: 292372

Ion Ratio Lower Upper

240 100

120 7.9 9.7 14.5#

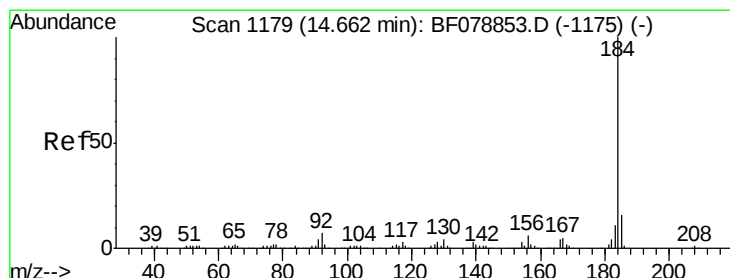
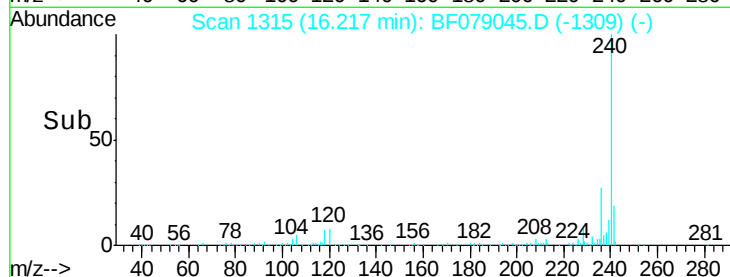
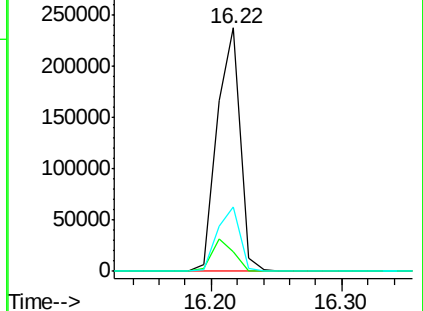
236 26.6 20.2 30.4



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: 31.73 ng

RT: 14.61 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

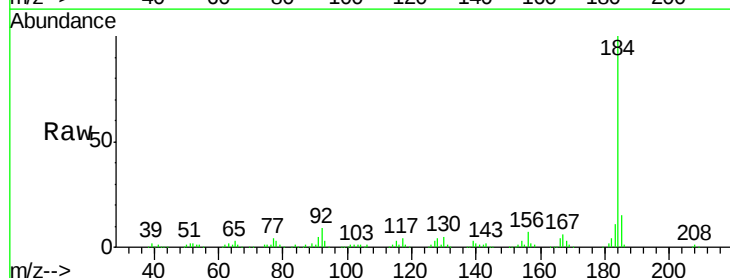
Tgt Ion:184 Resp: 250058

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

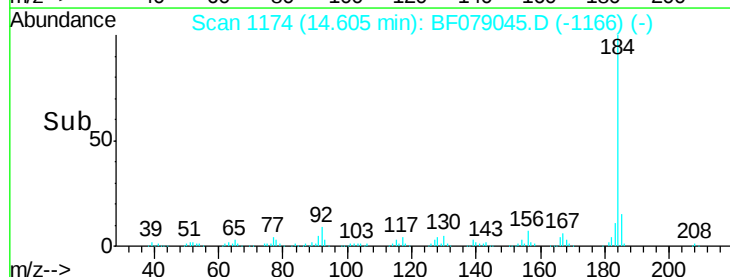
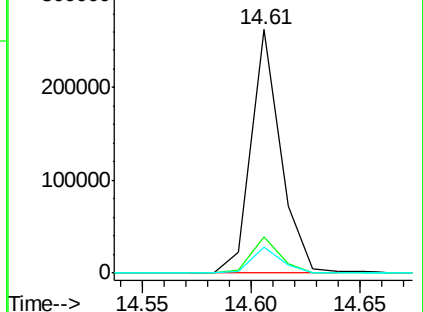
183 10.8 8.4 12.6

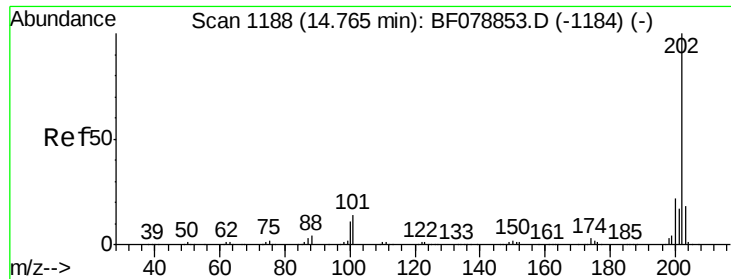


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

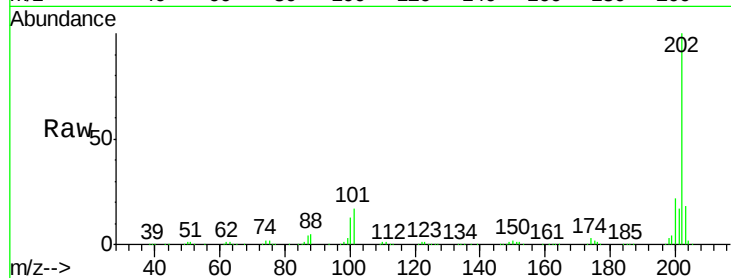




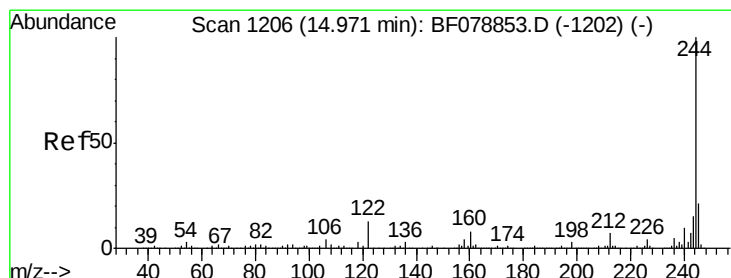
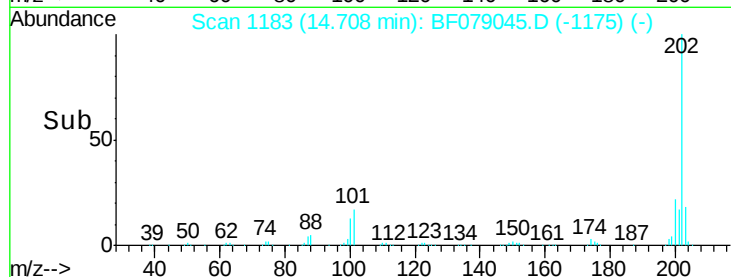
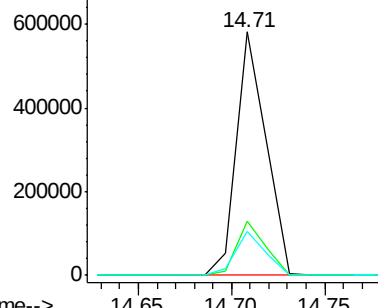
#77
 Pyrene
 Concen: 37.82 ng
 RT: 14.71 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.5	26.3
203	18.2	13.9	20.9

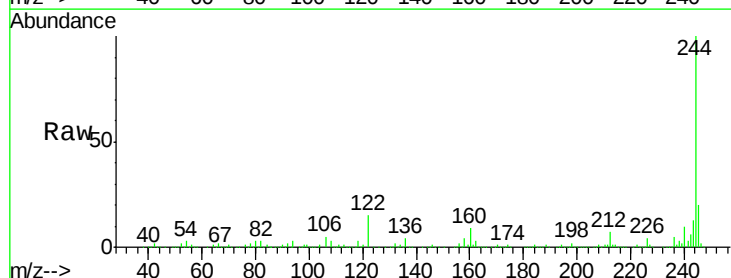


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

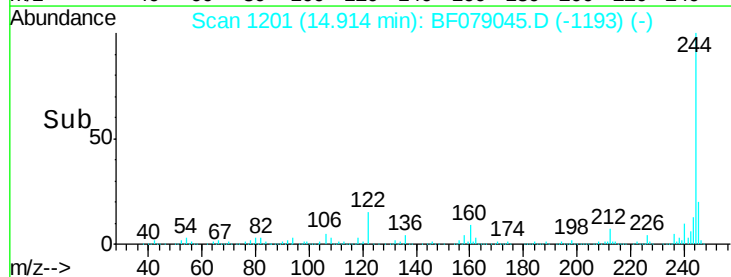
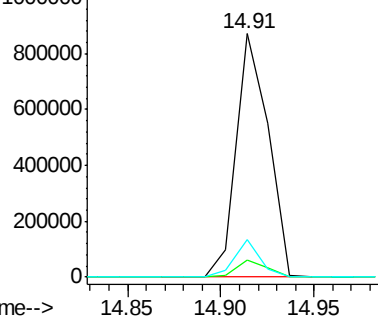


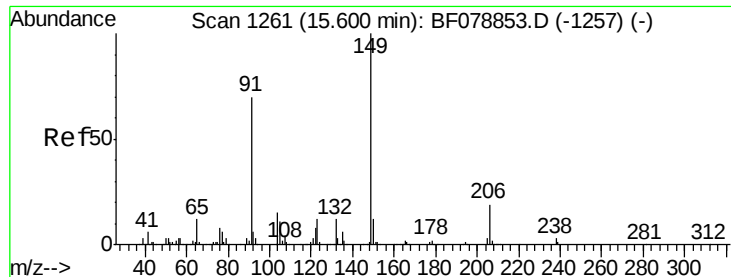
#78
 Terphenyl-d14
 Concen: 85.74 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	15.4	10.3	15.5



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

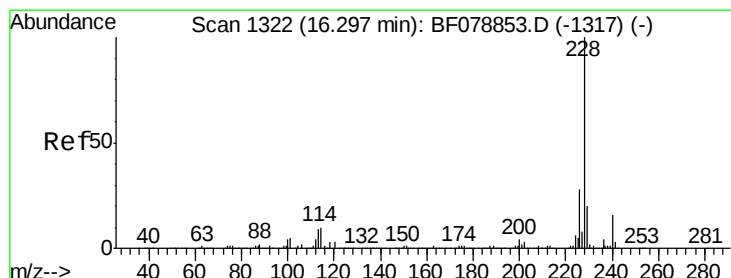
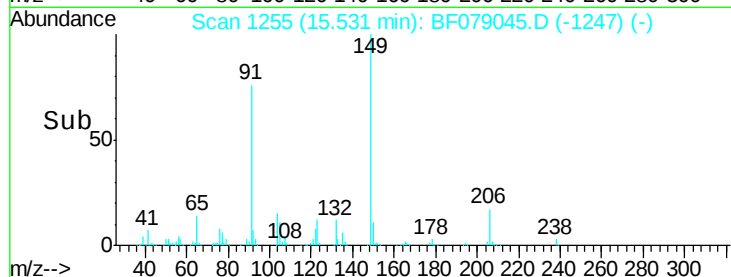
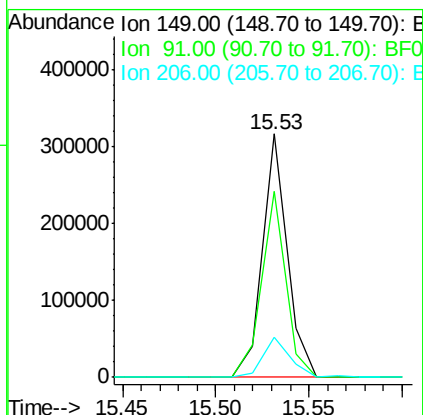
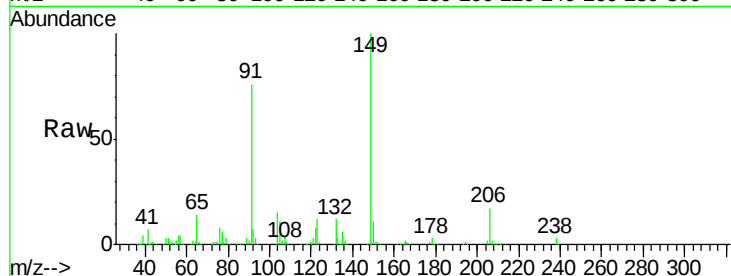




#79
Butylbenzylphthalate
Concen: 39.35 ng
RT: 15.53 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

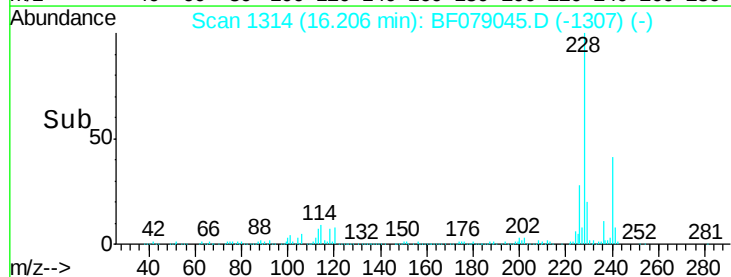
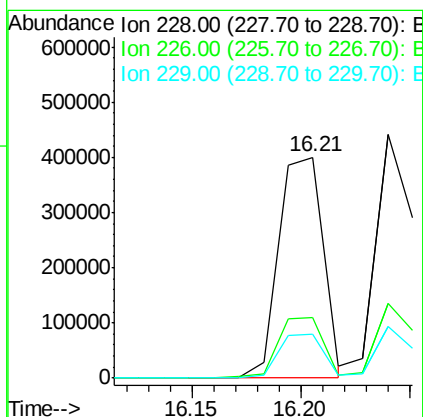
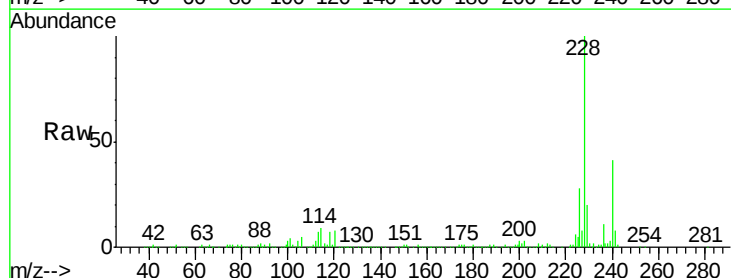
Instrument :
BNA_F
ClientSampleId :
PB83253BS

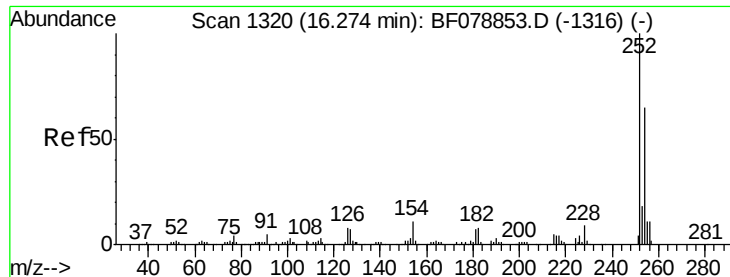
Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.3	64.6	97.0
206	16.6	12.2	18.4



#80
Benzo(a)anthracene
Concen: 35.85 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	15.9	23.9

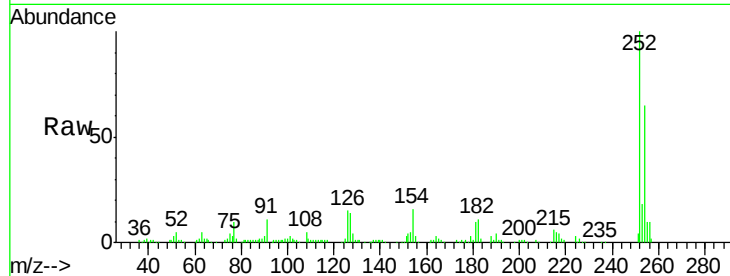




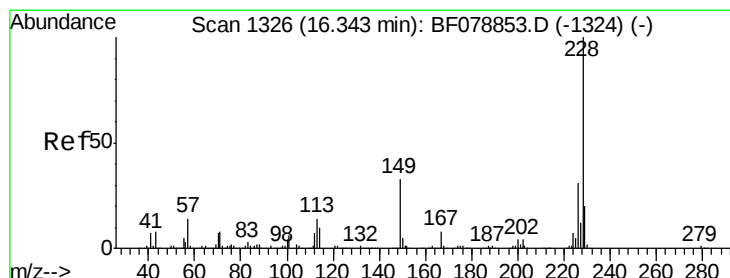
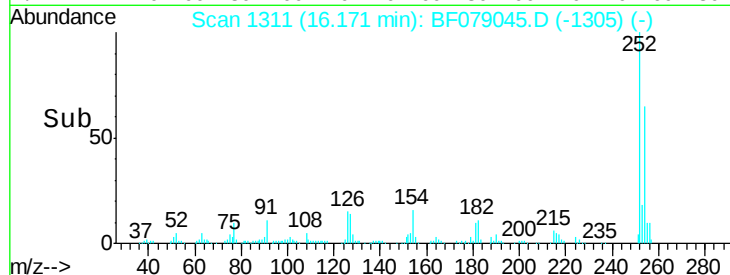
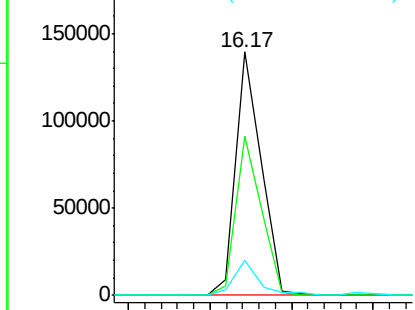
#81
 3,3'-Dichlorobenzidine
 Concen: 26.31 ng
 RT: 16.17 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BS

Tgt Ion:252 Resp: 150073
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.3 76.9
 126 14.5 6.6 10.0#

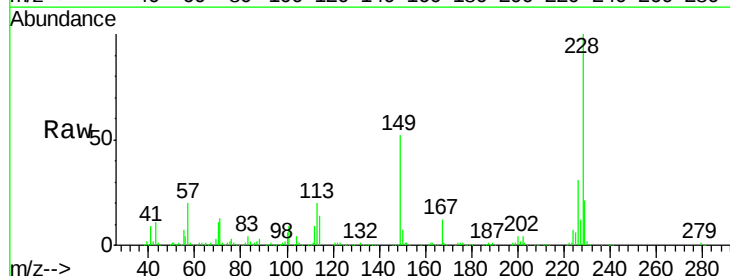


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

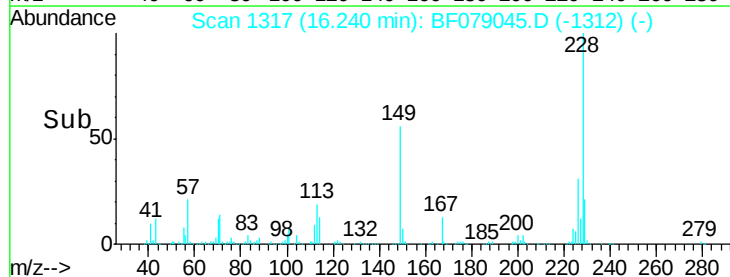
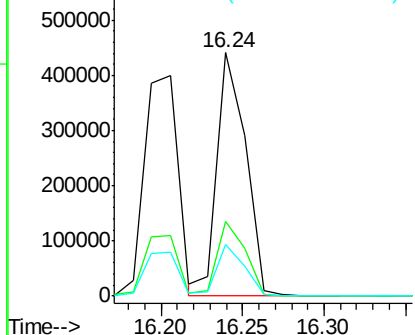


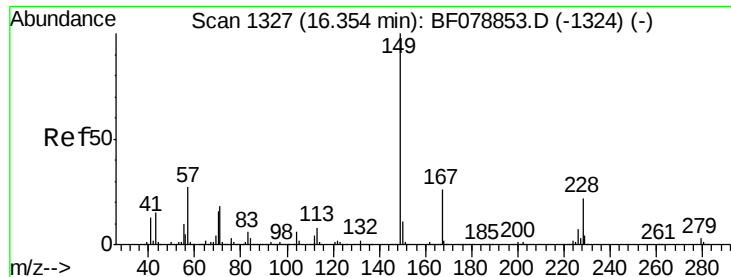
#82
 Chrysene
 Concen: 34.60 ng
 RT: 16.24 min Scan# 1317
 Delta R.T. -0.05 min
 Lab File: BF079045.D
 Acq: 8 May 2015 18:45

Tgt Ion:228 Resp: 532852
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 21.0 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.19 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.03 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

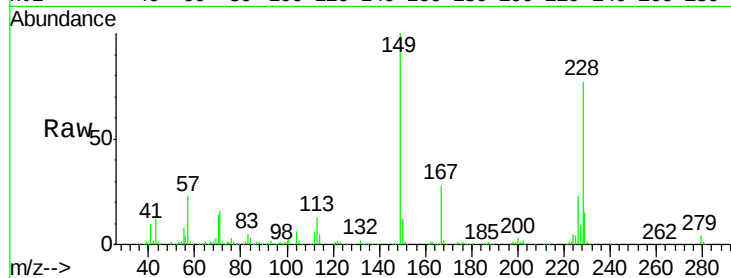
Tgt Ion:149 Resp: 437166

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 3.7 2.9 4.3

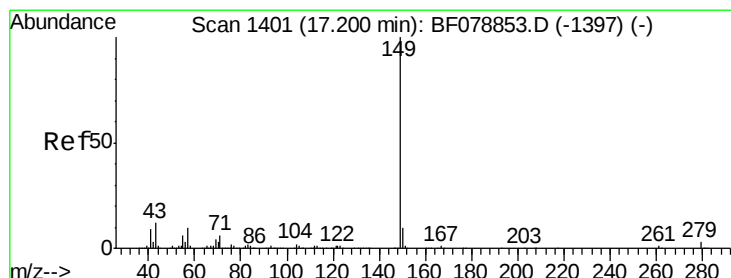
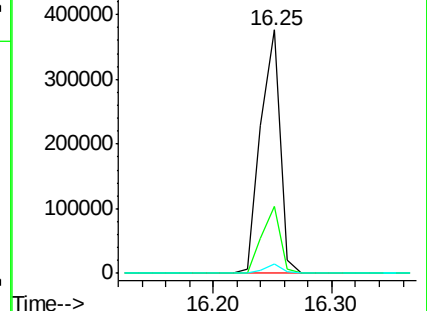
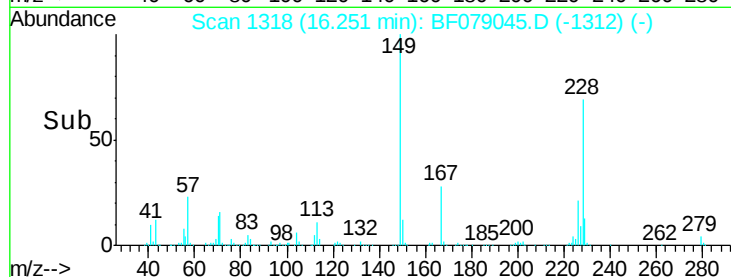


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

16.25



#84

Di-n-octyl phthalate

Concen: 37.36 ng

RT: 17.03 min Scan# 1386

Delta R.T. -0.09 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

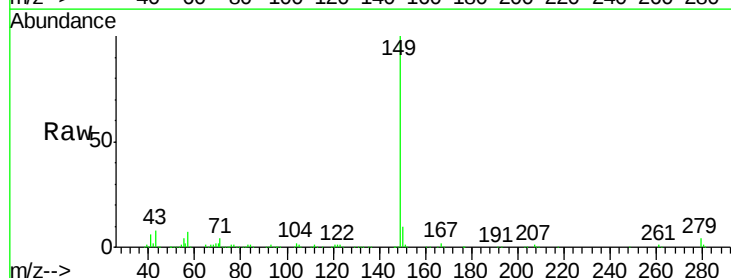
Tgt Ion:149 Resp: 733975

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

43 10.1 0.0 0.0#

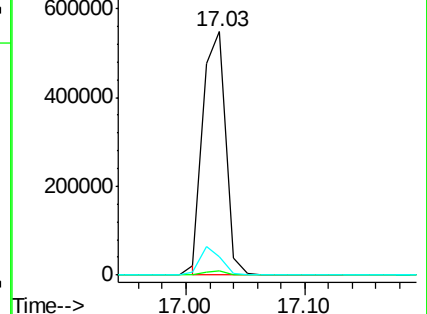
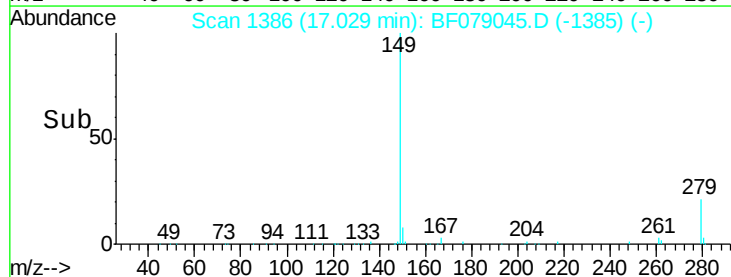


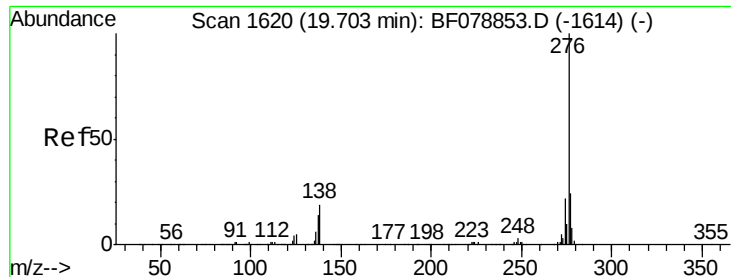
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

17.03





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.54 ng

RT: 19.39 min Scan# 1593

Delta R.T. -0.18 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

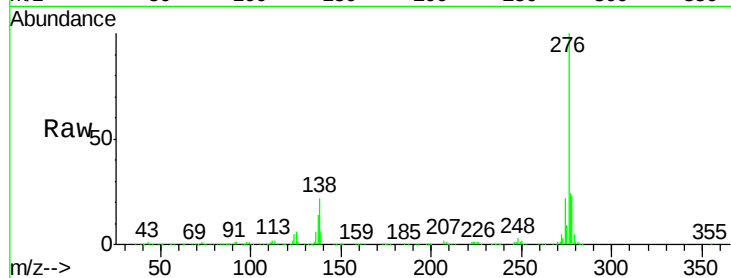
Tgt Ion:276 Resp: 677605

Ion Ratio Lower Upper

276 100

138 26.8 0.0 0.0#

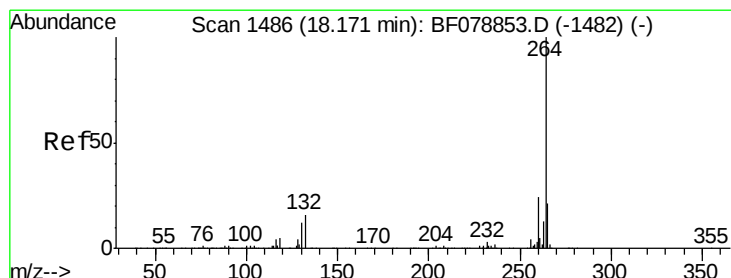
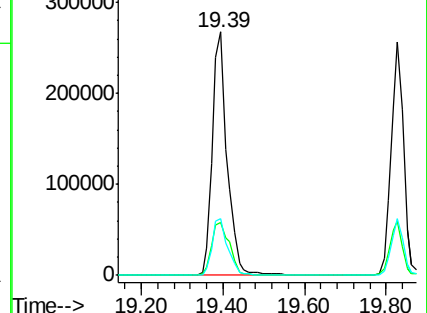
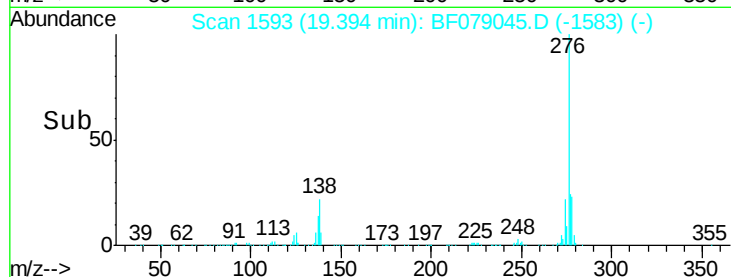
277 24.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.91 min Scan# 1463

Delta R.T. -0.17 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

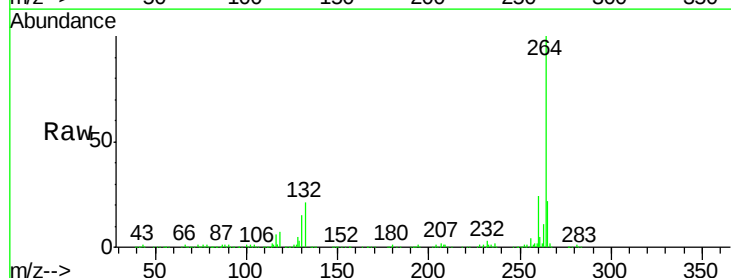
Tgt Ion:264 Resp: 294113

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

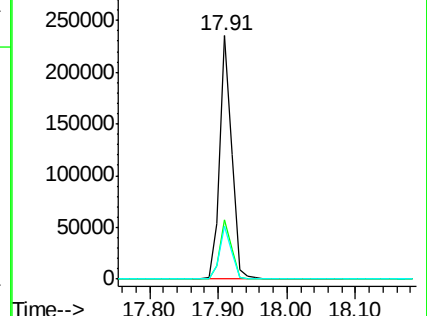
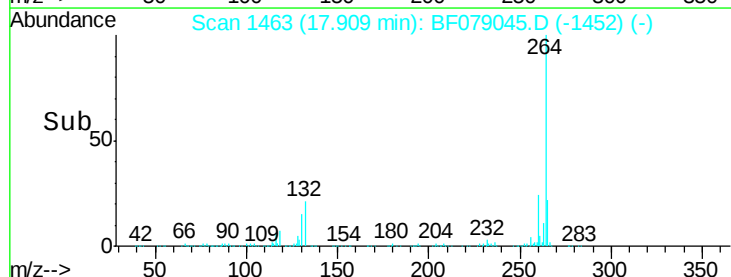
265 21.7 18.3 27.5

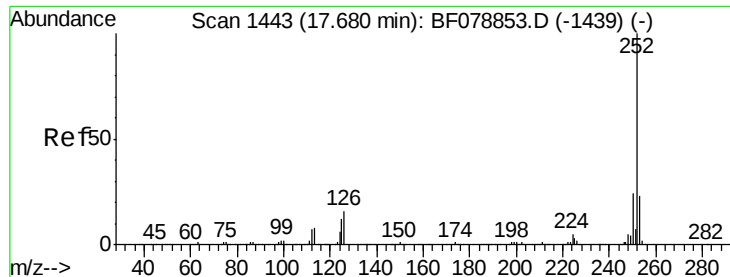


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

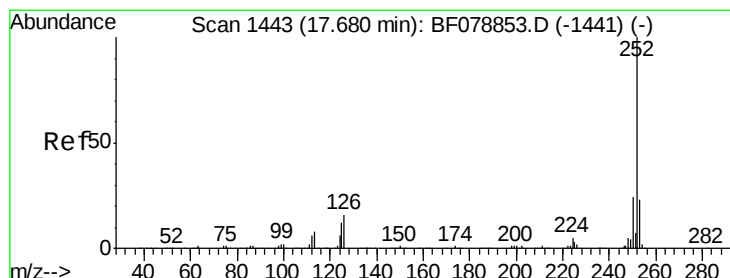
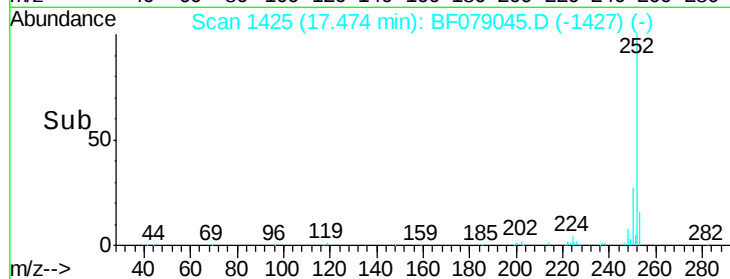
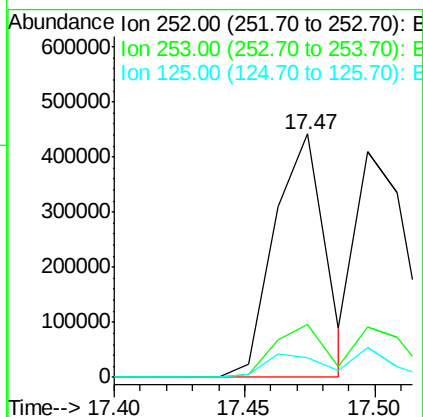
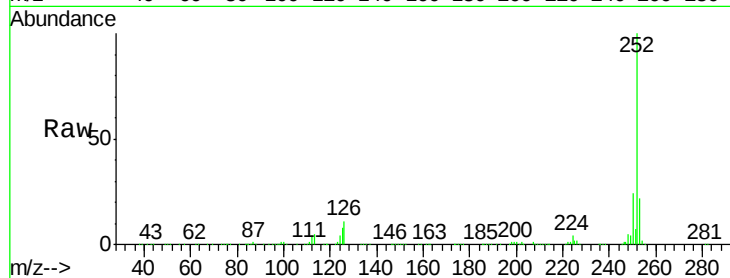




#87
Benzo(b)fluoranthene
Concen: 36.86 ng
RT: 17.47 min Scan# 1425
Delta R.T. -0.13 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

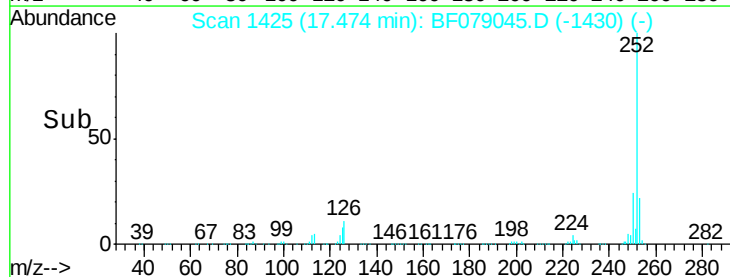
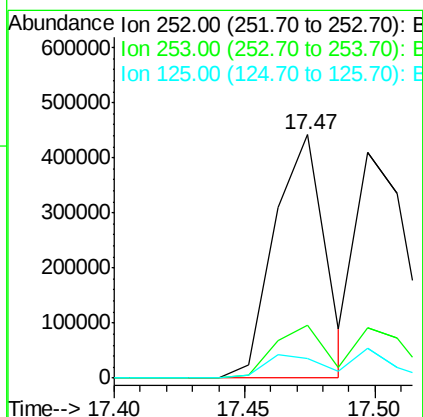
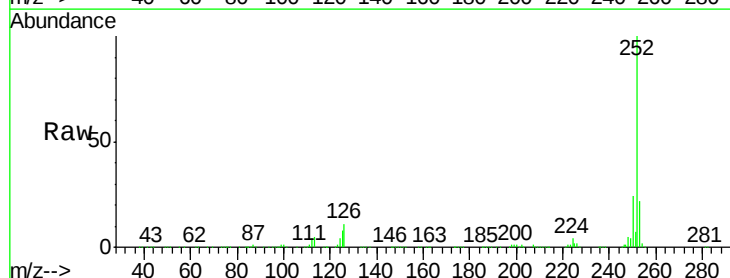
Instrument :
BNA_F
ClientSampleId :
PB83253BS

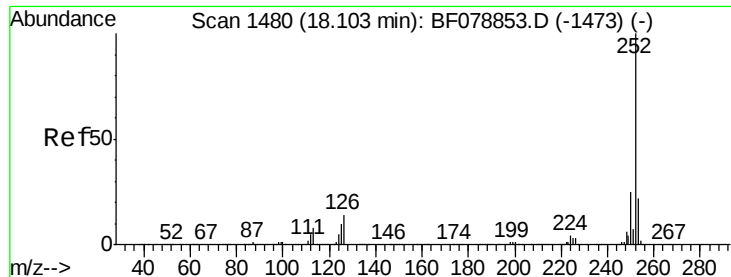
Tgt Ion:252 Resp: 593343
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.2 9.5 14.3#



#88
Benzo(k)fluoranthene
Concen: 38.07 ng
RT: 17.47 min Scan# 1425
Delta R.T. -0.16 min
Lab File: BF079045.D
Acq: 8 May 2015 18:45

Tgt Ion:252 Resp: 593343
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 8.2 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 37.25 ng

RT: 17.85 min Scan# 1458

Delta R.T. -0.16 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

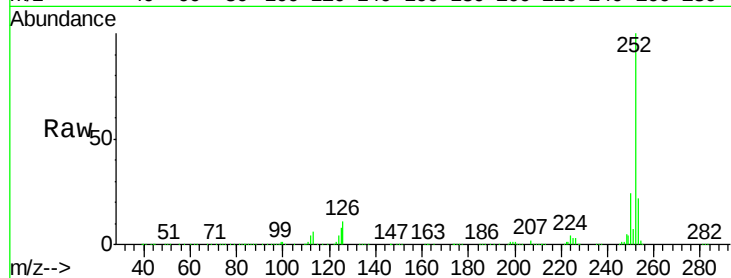
Tgt Ion:252 Resp: 552203

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

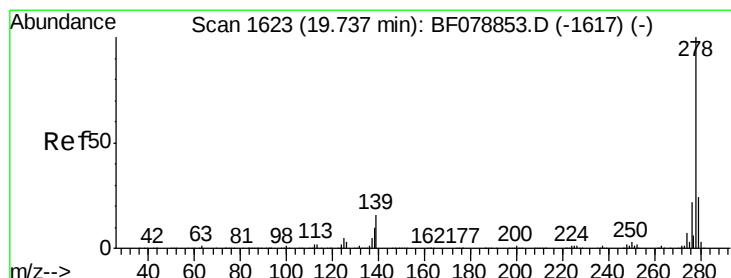
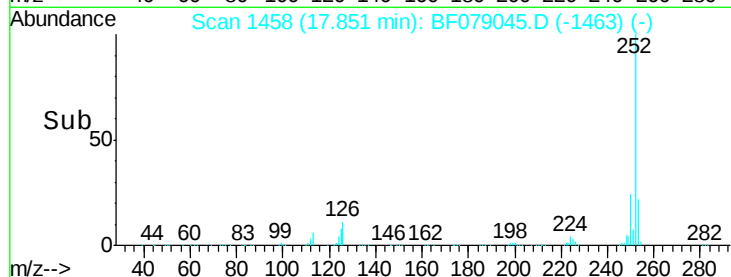
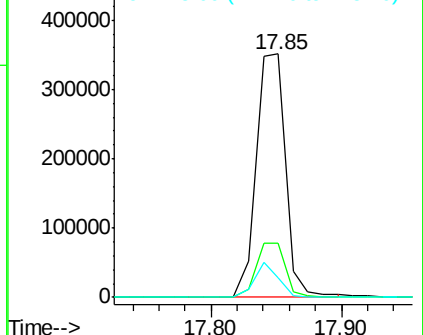
125 8.2 7.0 10.6



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: 34.49 ng

RT: 19.42 min Scan# 1595

Delta R.T. -0.19 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

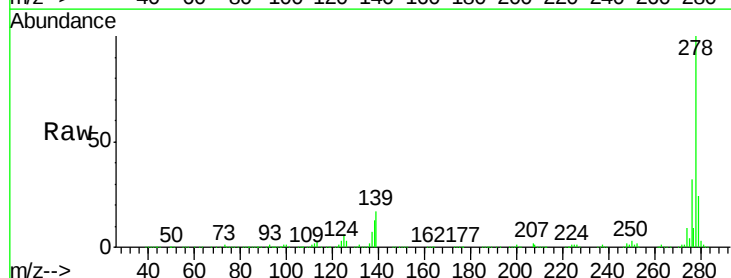
Tgt Ion:278 Resp: 543385

Ion Ratio Lower Upper

278 100

139 17.0 12.8 19.2

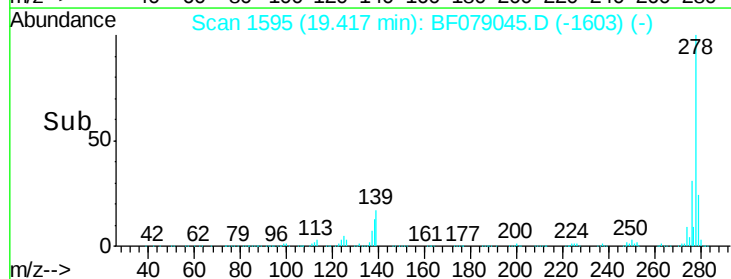
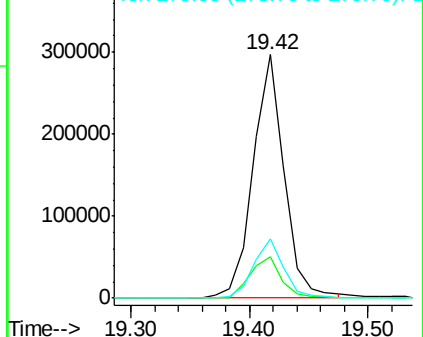
279 24.2 19.6 29.4

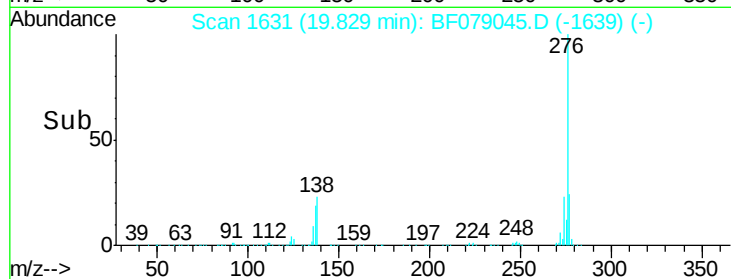
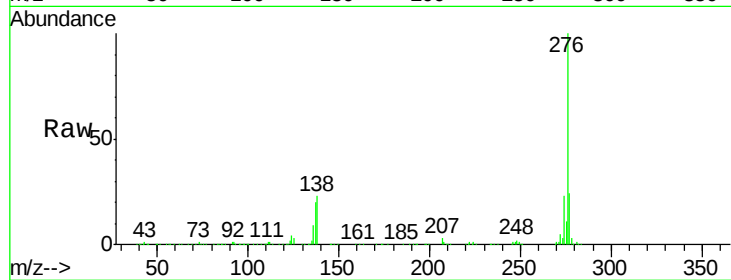
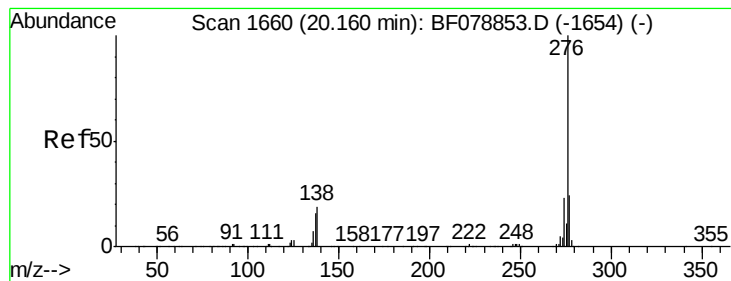


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.53 ng

RT: 19.83 min Scan# 1631

Delta R.T. -0.19 min

Lab File: BF079045.D

Acq: 8 May 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB83253BS

Tgt Ion: 276 Resp: 545142

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 23.2 17.4 26.0

