

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079709.D
 Acq On : 4 Jun 2015 18:38
 Operator : TP/IZ
 Sample : PB83779BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

Quant Time: Jun 06 01:49:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 19:33:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	141784	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	555736	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	308960	20.00	ng	0.00
63) Phenanthrene-d10	12.09	188	651351	20.00	ng	-0.01
75) Chrysene-d12	15.03	240	703692	20.00	ng	-0.14
86) Perylene-d12	16.97	264	669475	20.00	ng	-0.19

System Monitoring Compounds

5) 2-Fluorophenol	6.12	112	695740	84.14	ng	0.00
7) Phenol-d6	7.11	99	950980	88.35	ng	0.01
23) Nitrobenzene-d5	8.07	82	503431	55.16	ng	0.00
41) 2,4,6-Tribromophenol	11.37	330	254287	91.65	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	1137055	53.28	ng	0.00
78) Terphenyl-d14	13.76	244	1470700	49.24	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	84568	22.64	ng	99
3) Pyridine	4.32	79	237438	22.70	ng	94
4) n-Nitrosodimethylamine	4.24	42	125696	25.68	ng	93
6) Aniline	7.16	93	360201	24.04	ng	99
8) 2-Chlorophenol	7.29	128	278985	29.43	ng	98
9) Benzaldehyde	7.05	77	170553	25.20	ng	99
10) Phenol	7.12	94	339716	30.45	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	279218	30.13	ng	100
12) 1,3-Dichlorobenzene	7.45	146	295014	27.36	ng	99
13) 1,4-Dichlorobenzene	7.53	146	307620	26.72	ng	98
14) 1,2-Dichlorobenzene	7.53	146	230069	22.66	ng	99
15) Benzyl Alcohol	7.63	79	235790	29.03	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.77	45	427229	27.86	ng	98
17) 2-Methylphenol	7.72	107	220099	28.39	ng	# 91
18) Hexachloroethane	8.03	117	99078	27.40	ng	93
19) n-Nitroso-di-n-propylamine	7.90	70	216215	29.04	ng	95
20) 3+4-Methylphenols	7.88	107	303937	28.71	ng	100
22) Acetophenone	7.91	105	401353	29.65	ng	# 97
24) Nitrobenzene	8.08	77	259598	27.51	ng	96
25) Isophorone	8.32	82	559697	27.92	ng	99
26) 2-Nitrophenol	8.40	139	90531	25.80	ng	# 64
27) 2,4-Dimethylphenol	8.42	122	265748	29.20	ng	98
28) bis(2-Chloroethoxy)methane	8.51	93	311759	27.89	ng	99
29) 2,4-Dichlorophenol	8.64	162	238212	30.47	ng	98
30) 1,2,4-Trichlorobenzene	8.74	180	256791	27.32	ng	98
31) Naphthalene	8.82	128	809226	26.43	ng	99
32) Benzoic acid	8.48	122	104096	30.88	ng	96
33) 4-Chloroaniline	8.86	127	387654	31.87	ng	97
34) Hexachlorobutadiene	8.94	225	154238	28.24	ng	97
35) Caprolactam	9.20	113	75250	31.76	ng	# 78
36) 4-Chloro-3-methylphenol	9.31	107	243892	29.68	ng	# 78
37) 2-Methylnaphthalene	9.52	142	576758	27.91	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	266794	26.74	ng	99
40) Hexachlorocyclopentadiene	9.68	237	282758	58.00	ng	99

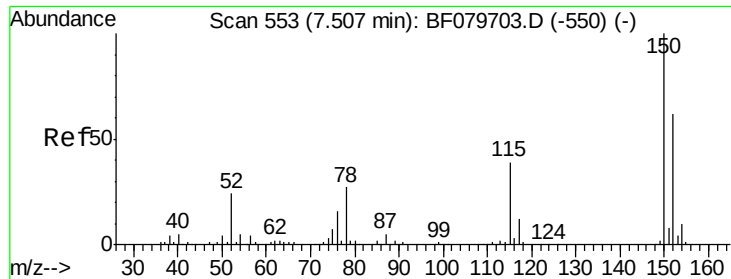
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079709.D
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 QLast Update : Fri Jun 05 19:33:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.79	196	165927	26.93	ng	98
43) 2,4,5-Trichlorophenol	9.83	196	186934	26.48	ng	98
45) 1,1'-Biphenyl	9.98	154	674842	27.29	ng	95
46) 2-Chloronaphthalene	10.01	162	521169	25.80	ng	98
47) 2-Nitroaniline	10.09	65	127432	28.91	ng	95
48) Acenaphthylene	10.43	152	849130	24.57	ng	99
49) Dimethylphthalate	10.26	163	646743	27.17	ng	99
50) 2,6-Dinitrotoluene	10.33	165	124317	28.95	ng	91
51) Acenaphthene	10.62	154	529989	26.05	ng	99
52) 3-Nitroaniline	10.50	138	122470	25.50	ng	98
53) 2,4-Dinitrophenol	10.60	184	60400	61.72	ng	# 56
54) Dibenzofuran	10.79	168	796467	27.32	ng	98
55) 4-Nitrophenol	10.64	139	219818	54.27	ng	87
56) 2,4-Dinitrotoluene	10.74	165	160025	31.73	ng	97
57) Fluorene	11.13	166	654569	26.28	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.89	232	153445	29.32	ng	97
59) Diethylphthalate	10.97	149	663087	27.68	ng	100
60) 4-Chlorophenyl-phenylether	11.11	204	302301	27.56	ng	99
61) 4-Nitroaniline	11.12	138	131949	26.28	ng	99
62) Azobenzene	11.27	77	592543	25.99	ng	99
64) 4,6-Dinitro-2-methylphenol	11.15	198	50715	30.39	ng	90
65) n-Nitrosodiphenylamine	11.22	169	550874	26.89	ng	99
66) 4-Bromophenyl-phenylether	11.61	248	200136	29.02	ng	# 90
67) Hexachlorobenzene	11.69	284	205435	26.39	ng	# 69
68) Atrazine	11.74	200	170978	24.80	ng	93
69) Pentachlorophenol	11.89	266	220450	59.21	ng	97
70) Phenanthrene	12.11	178	997433	26.33	ng	100
71) Anthracene	12.17	178	998058	26.62	ng	99
72) Carbazole	12.31	167	904373	25.88	ng	98
73) Di-n-butylphthalate	12.63	149	1097910	26.42	ng	# 83
74) Fluoranthene	13.37	202	1125148	27.38	ng	98
76) Benzidine	13.47	184	683128	32.25	ng	100
77) Pyrene	13.62	202	1106185	25.30	ng	100
79) Butylbenzylphthalate	14.30	149	501935	29.77	ng	87
80) Benzo(a)anthracene	15.02	228	1099979	25.57	ng	99
81) 3,3'-Dichlorobenzidine	14.95	252	368359	24.89	ng	# 95
82) Chrysene	15.06	228	1043773	25.93	ng	100
83) Bis(2-ethylhexyl)phthalate	14.97	149	741407	28.03	ng	# 98
84) Di-n-octyl phthalate	15.76	149	1256320	28.30	ng	98
85) Indeno(1,2,3-cd)pyrene	18.97	276	1161462	25.56	ng	100
87) Benzo(b)fluoranthene	16.39	252	1157378	26.80	ng	# 97
88) Benzo(k)fluoranthene	16.42	252	961064	23.32	ng	98
89) Benzo(a)pyrene	16.88	252	1041531	26.40	ng	# 97
90) Dibenzo(a,h)anthracene	18.99	278	950909	26.09	ng	99
91) Benzo(g,h,i)perylene	19.59	276	960765	25.78	ng	99

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

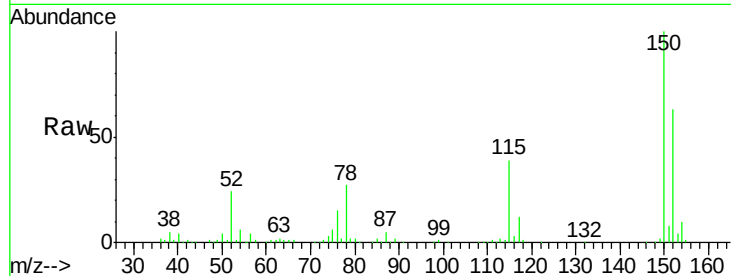


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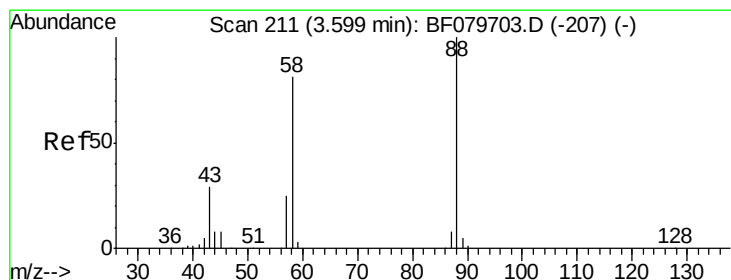
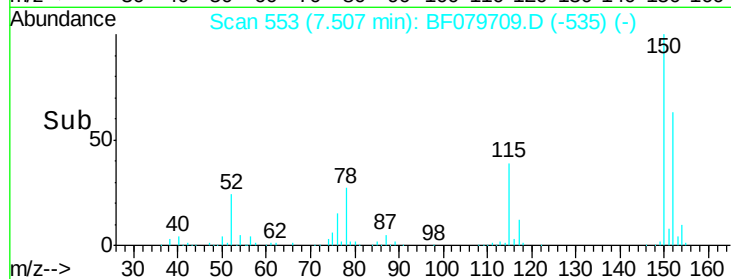
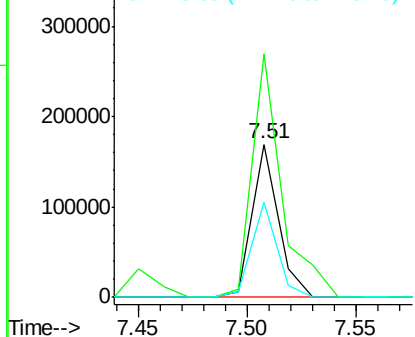
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Instrument :
BNA_F
ClientSampleId :
PB83779BS

Tgt Ion:152 Resp: 141784
Ion Ratio Lower Upper
152 100
150 159.3 128.1 192.1
115 61.9 49.7 74.5



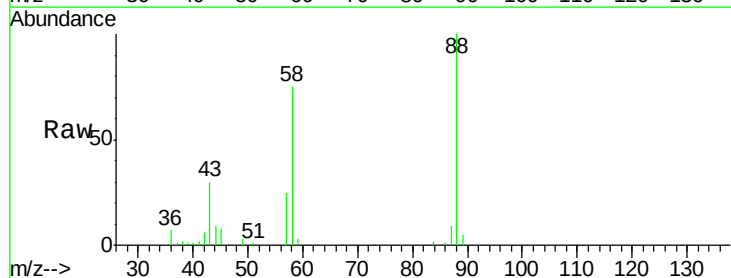
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



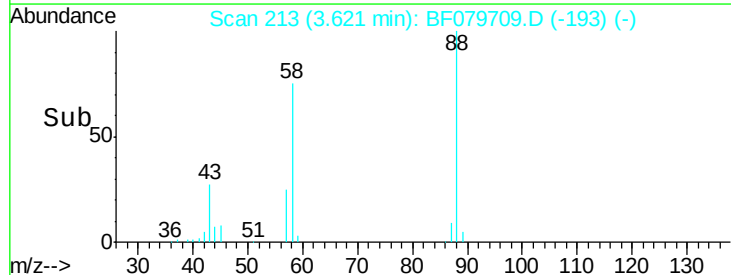
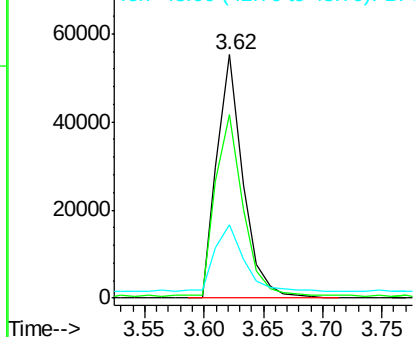
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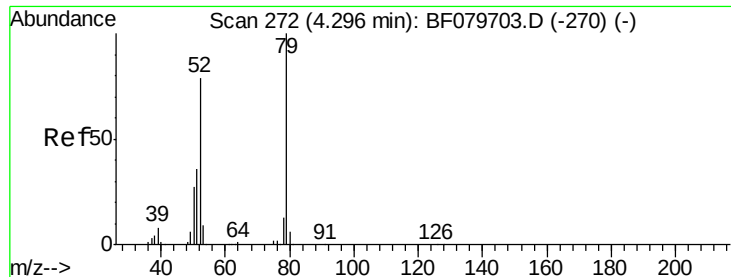
1,4-Dioxane
Concen: 22.64 ng
RT: 3.62 min Scan# 213
Delta R.T. 0.02 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion: 88 Resp: 84568
Ion Ratio Lower Upper
88 100
58 79.4 64.2 96.4
43 31.8 25.1 37.7



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: 22.70 ng

RT: 4.32 min Scan# 274

Delta R.T. 0.02 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

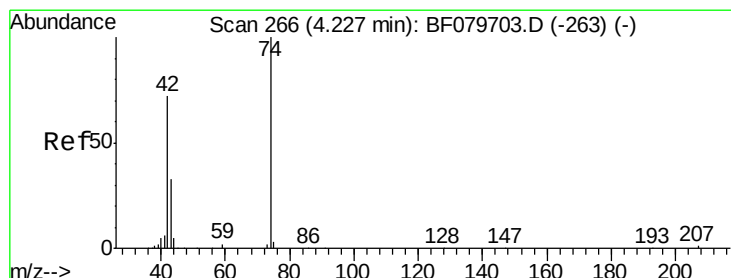
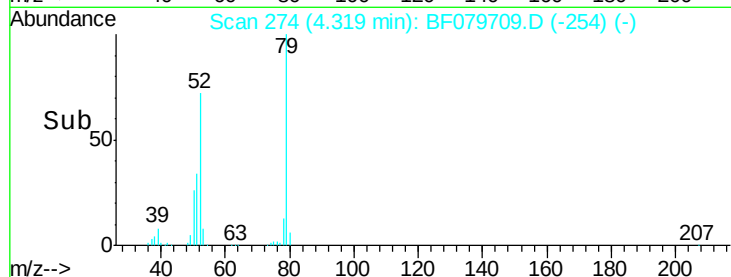
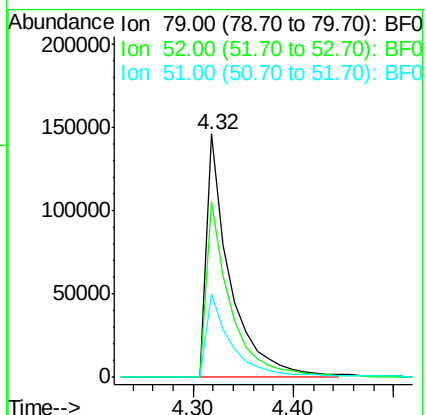
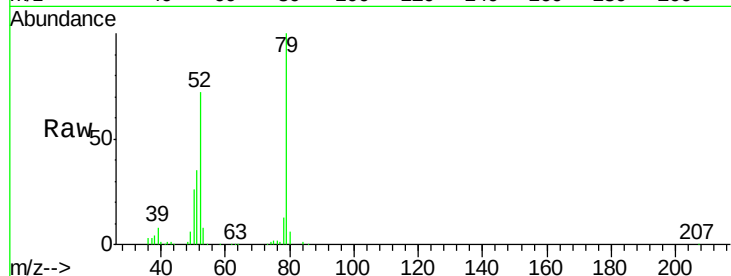
Tgt Ion: 79 Resp: 237438

Ion Ratio Lower Upper

79 100

52 72.1 63.1 94.7

51 34.6 29.3 43.9



#4

n-Nitrosodimethylamine

Concen: 25.68 ng

RT: 4.24 min Scan# 267

Delta R.T. 0.01 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

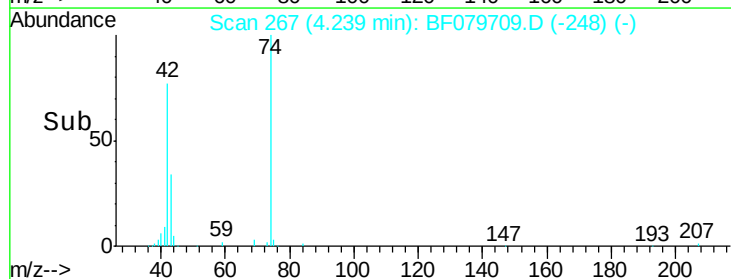
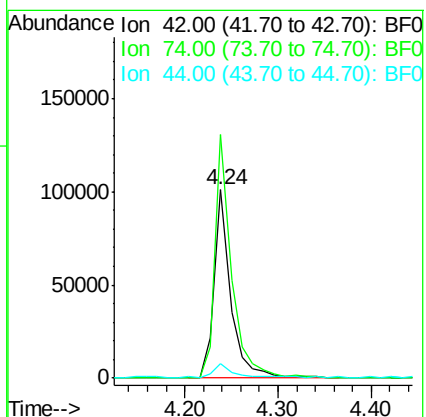
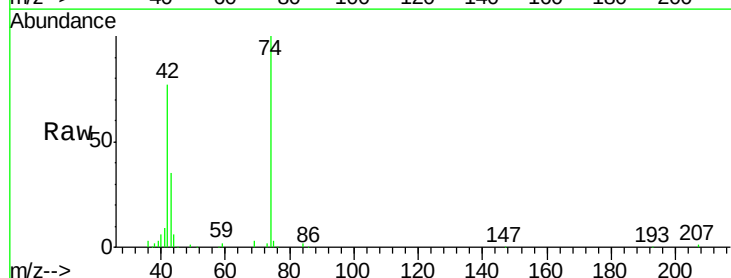
Tgt Ion: 42 Resp: 125696

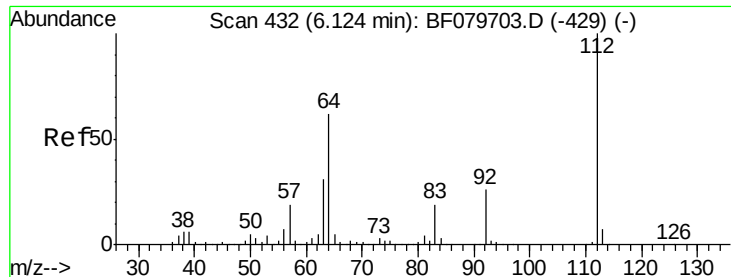
Ion Ratio Lower Upper

42 100

74 129.5 110.6 165.8

44 7.5 6.2 9.2





#5

2-Fluorophenol

Concen: 84.14 ng

RT: 6.12 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

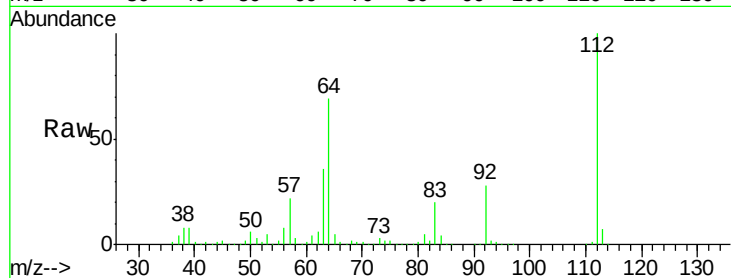
Tgt Ion: 112 Resp: 695740

Ion Ratio Lower Upper

112 100

64 69.2 49.6 74.4

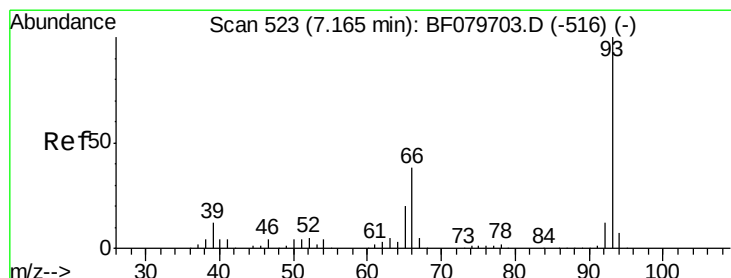
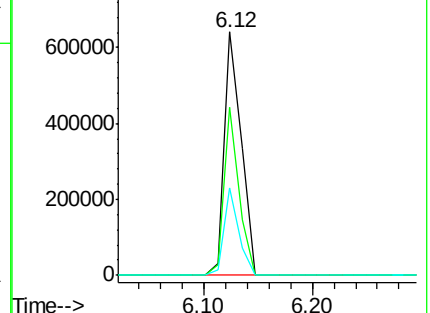
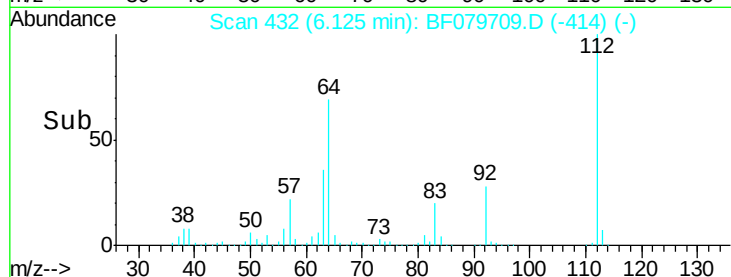
63 35.7 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.04 ng

RT: 7.16 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

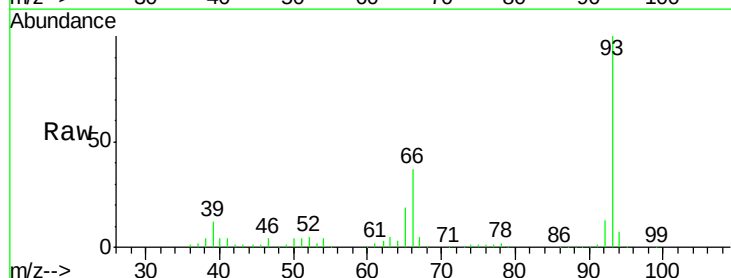
Tgt Ion: 93 Resp: 360201

Ion Ratio Lower Upper

93 100

66 37.1 30.3 45.5

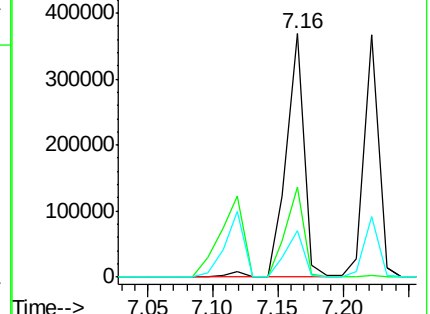
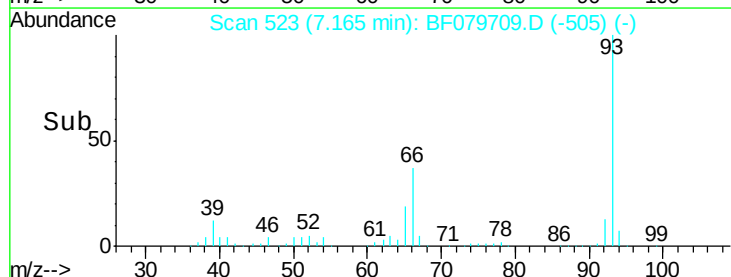
65 19.1 15.8 23.6

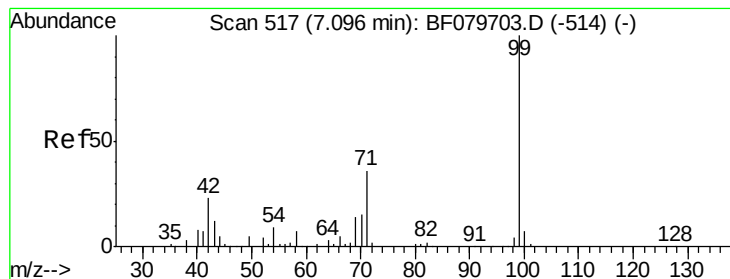


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.35 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.01 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

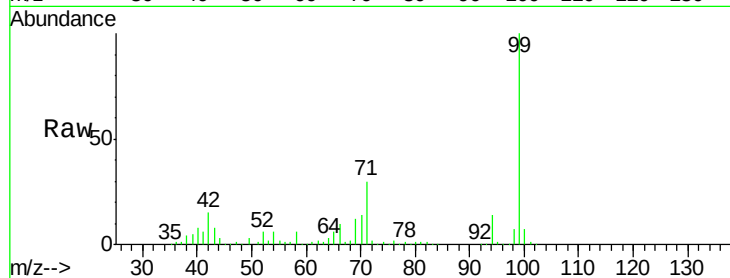
Tgt Ion: 99 Resp: 950980

Ion Ratio Lower Upper

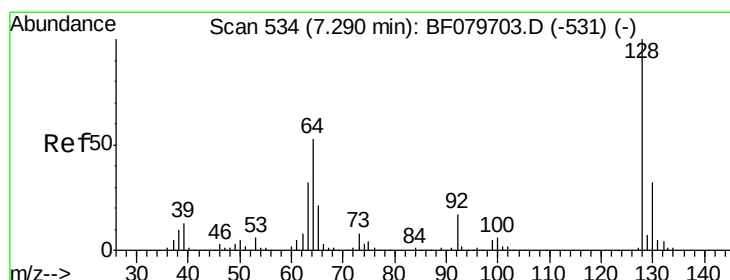
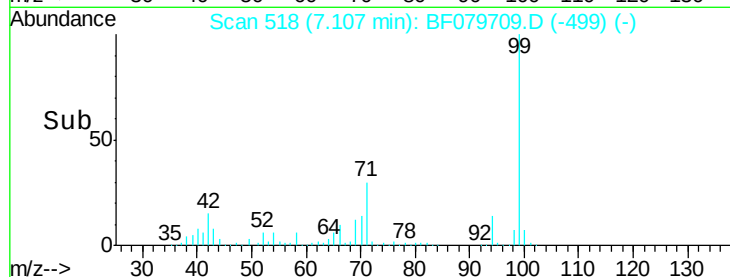
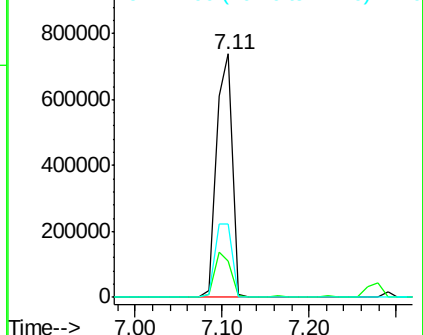
99 100

42 15.1 18.0 27.0#

71 30.1 28.4 42.6



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: 29.43 ng

RT: 7.29 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

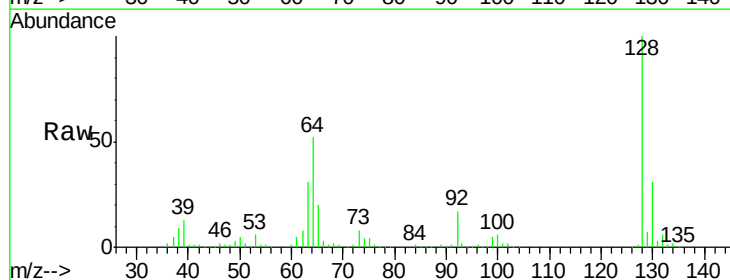
Tgt Ion: 128 Resp: 278985

Ion Ratio Lower Upper

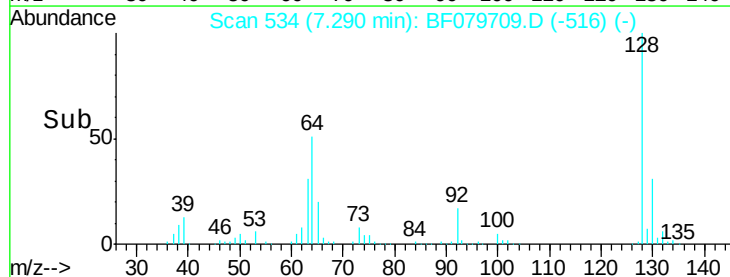
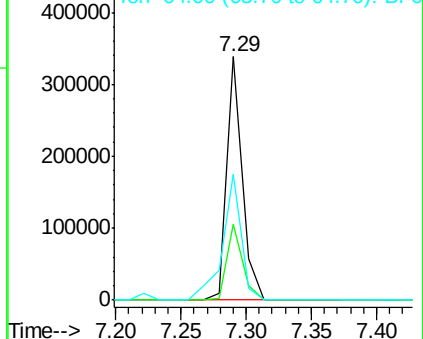
128 100

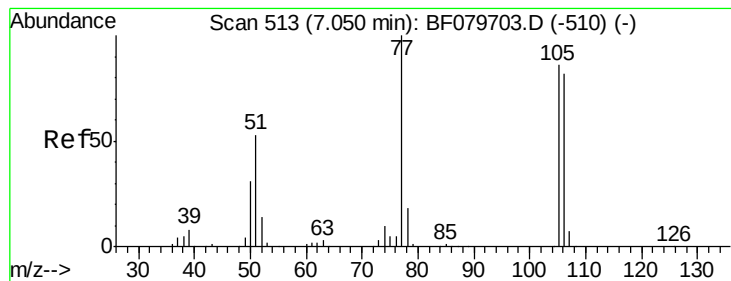
130 31.5 12.3 52.3

64 51.7 33.3 73.3



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: 25.20 ng

RT: 7.05 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

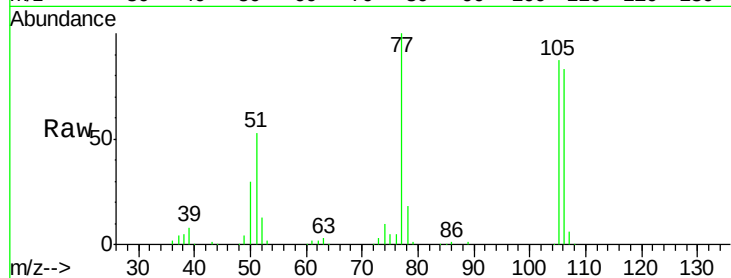
Tgt Ion: 77 Resp: 170553

Ion Ratio Lower Upper

77 100

105 86.9 66.1 106.1

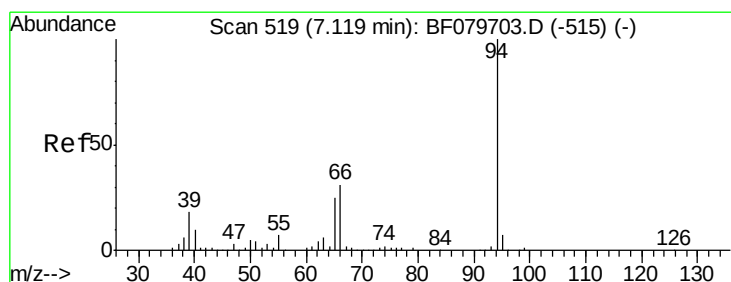
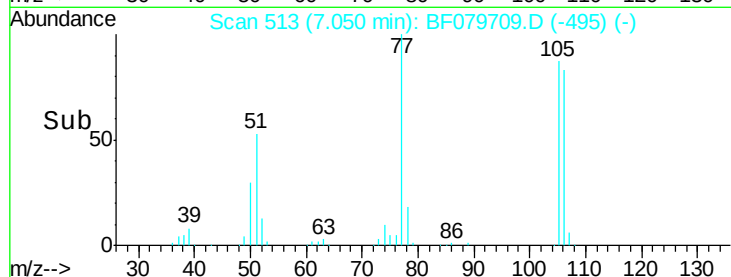
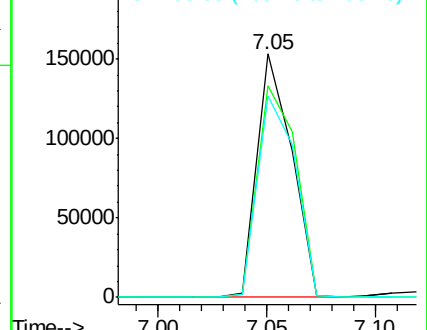
106 82.8 61.9 101.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 30.45 ng

RT: 7.12 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

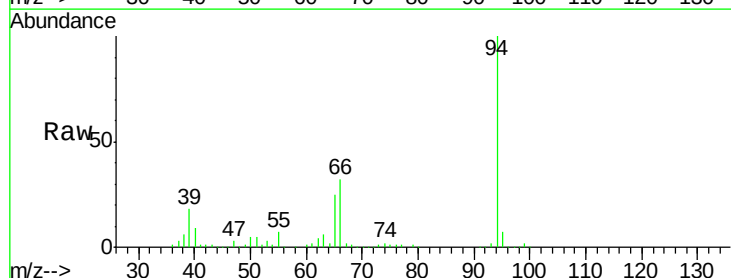
Tgt Ion: 94 Resp: 339716

Ion Ratio Lower Upper

94 100

65 25.4 5.3 45.3

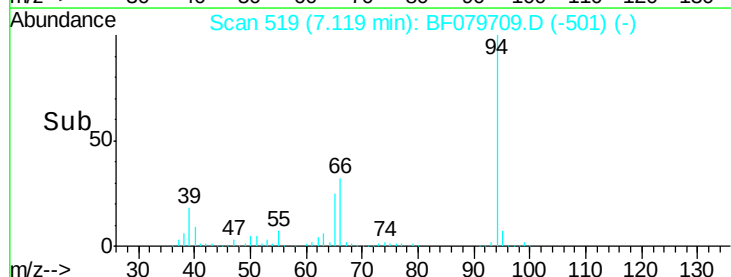
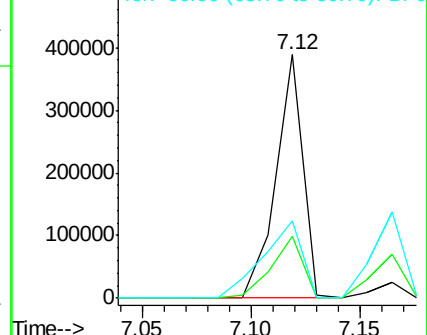
66 31.7 11.3 51.3

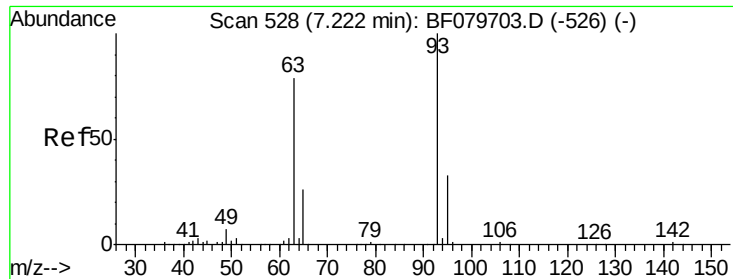


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

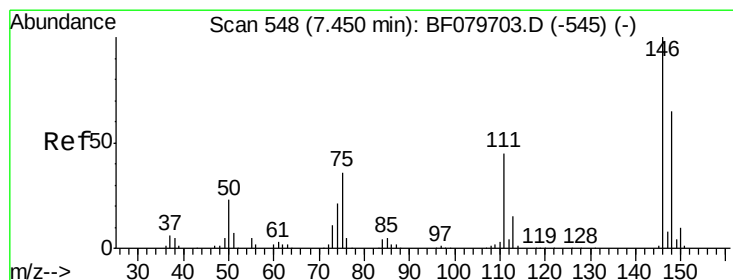
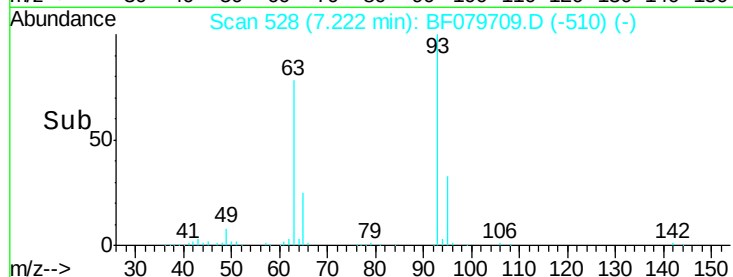
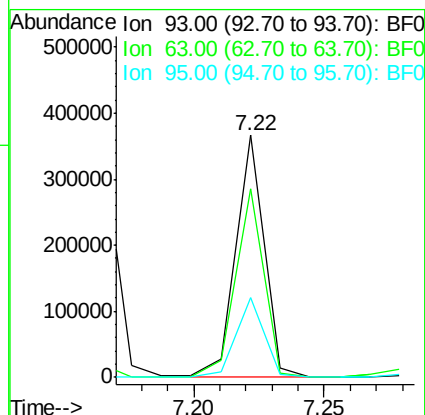
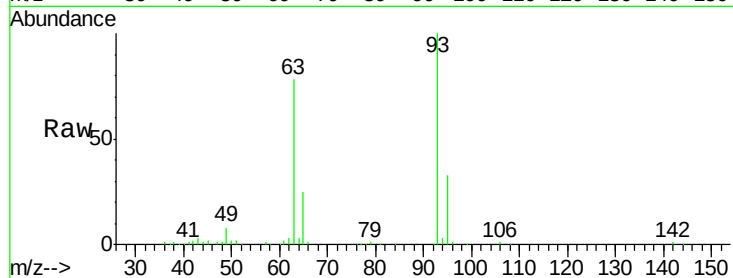




#11
bis(2-Chloroethyl)ether
Concen: 30.13 ng
RT: 7.22 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

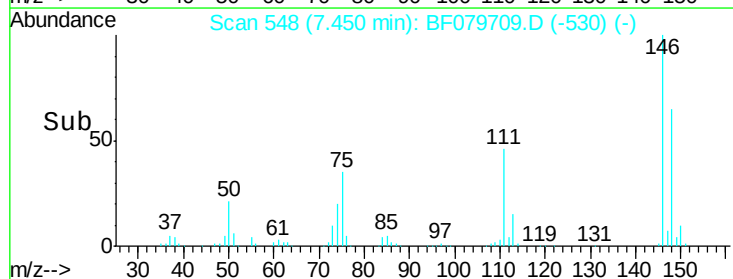
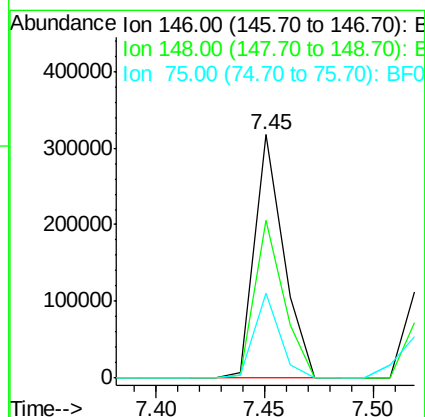
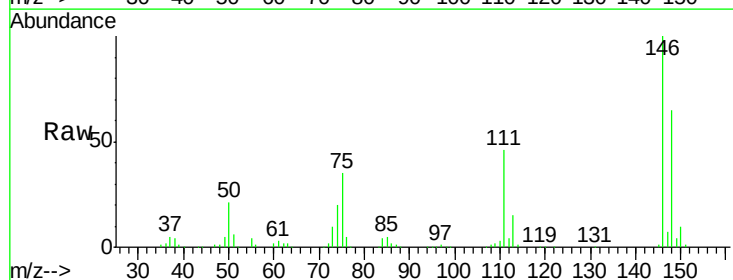
Instrument :
BNA_F
ClientSampleId :
PB83779BS

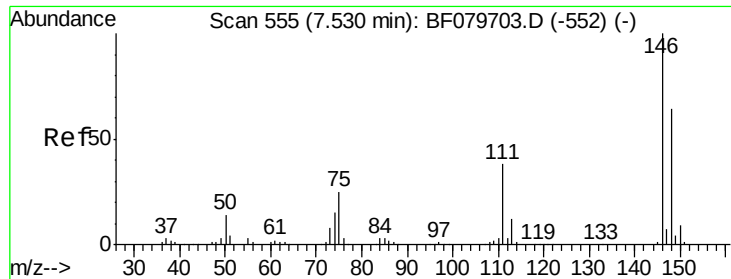
Tgt Ion: 93 Resp: 279218
Ion Ratio Lower Upper
93 100
63 78.1 58.7 98.7
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 27.36 ng
RT: 7.45 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion: 146 Resp: 295014
Ion Ratio Lower Upper
146 100
148 65.1 51.6 77.4
75 34.8 29.0 43.6

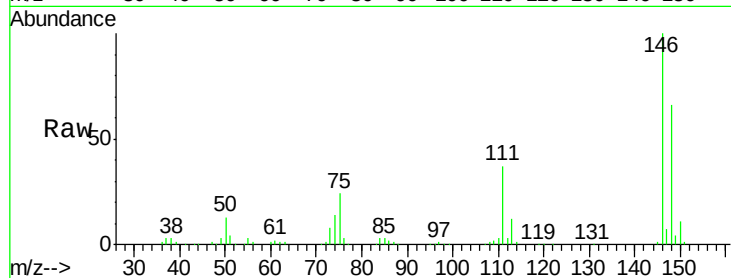




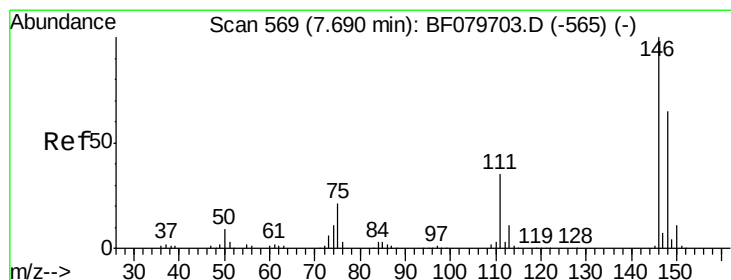
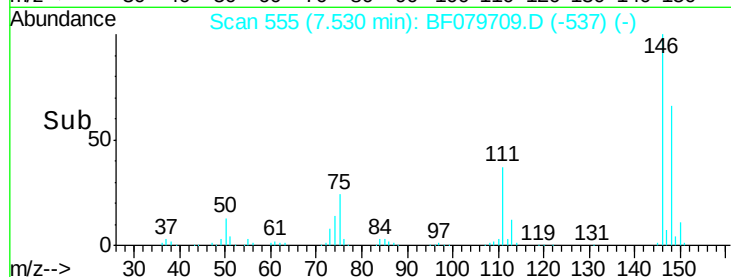
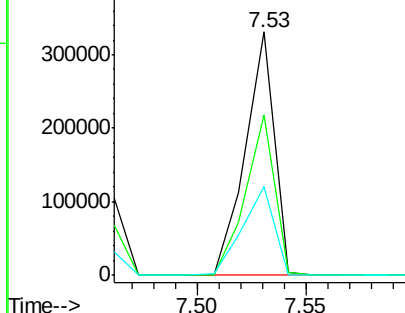
#13
 1,4-Dichlorobenzene
 Concen: 26.72 ng
 RT: 7.53 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

Tgt Ion:146 Resp: 307620
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.0
 111 36.7 30.1 45.1

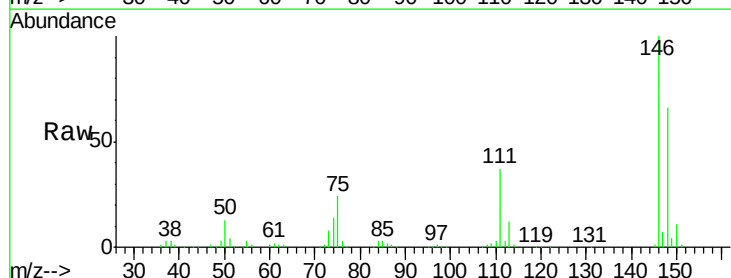


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

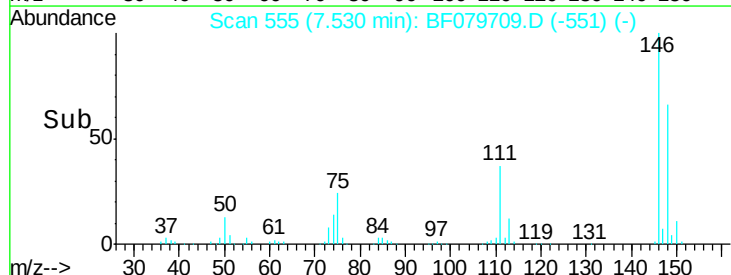
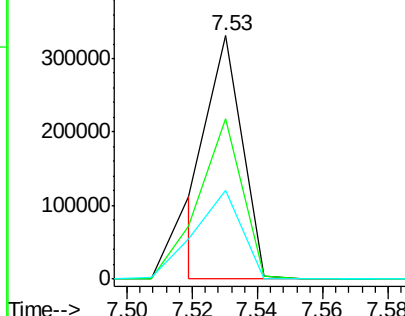


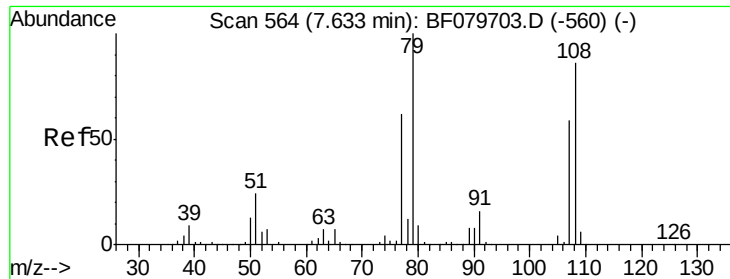
#14
 1,2-Dichlorobenzene
 Concen: 22.66 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.16 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion:146 Resp: 230069
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.2 78.4
 111 36.7 27.9 41.9



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

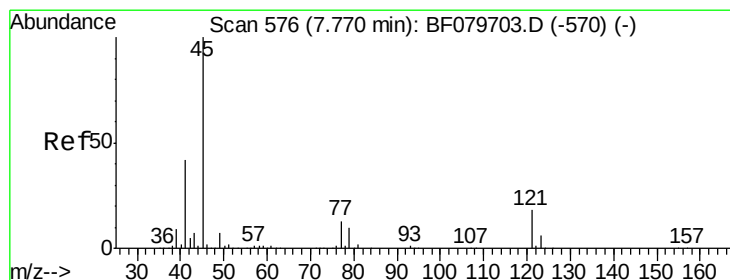
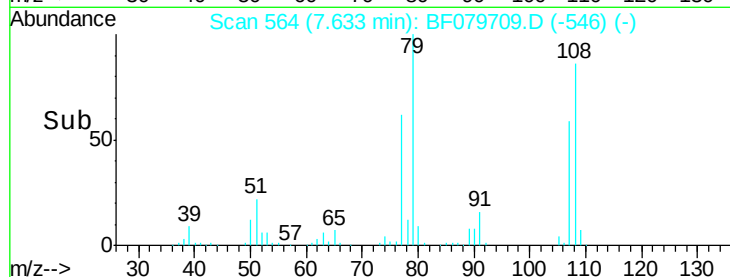
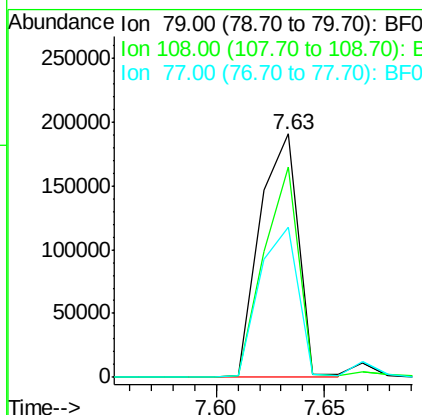
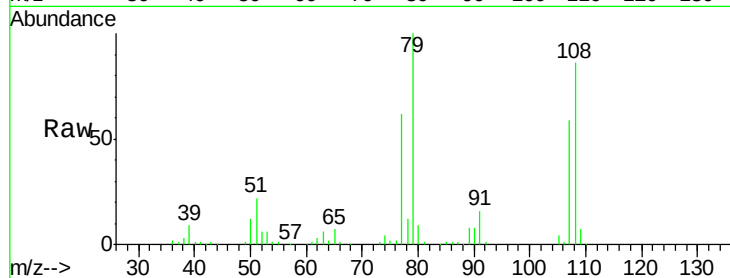




#15
Benzyl Alcohol
Concen: 29.03 ng
RT: 7.63 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

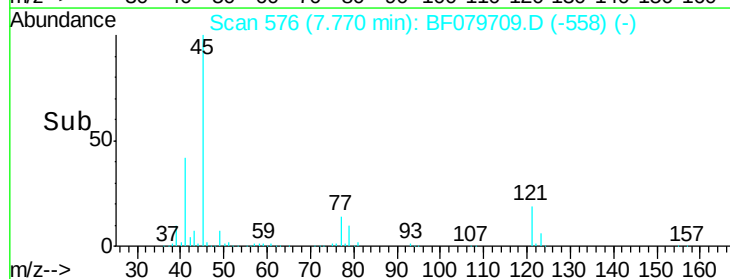
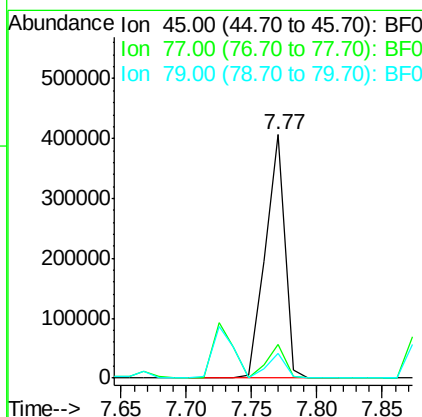
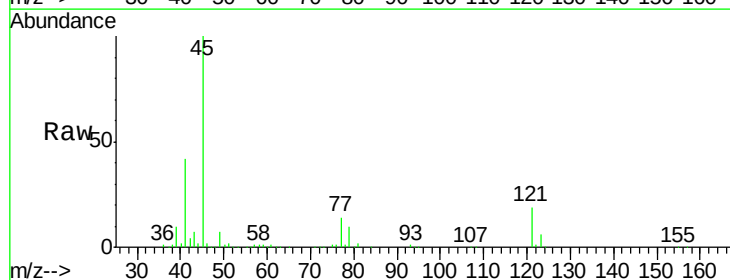
Instrument :
BNA_F
ClientSampleId :
PB83779BS

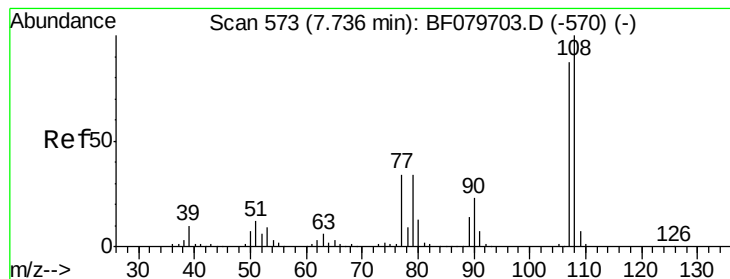
Tgt Ion: 79 Resp: 235790
Ion Ratio Lower Upper
79 100
108 86.1 68.4 102.6
77 61.8 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.86 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion: 45 Resp: 427229
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.7
79 10.4 0.0 29.9

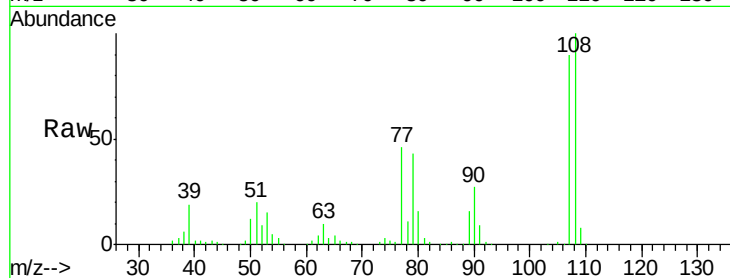




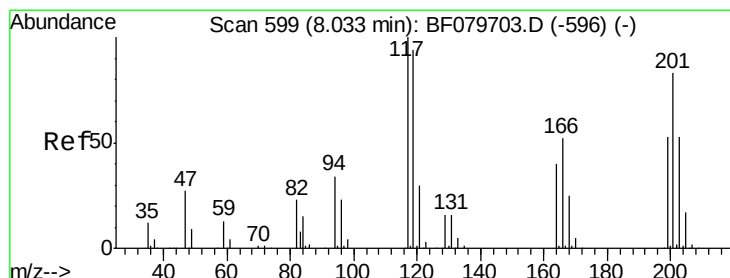
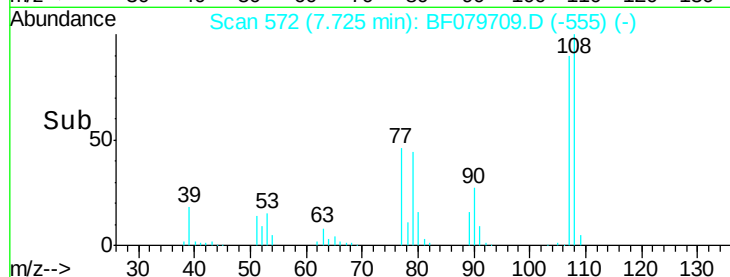
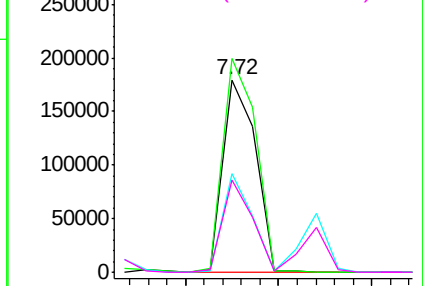
#17
2-Methylphenol
Concen: 28.39 ng
RT: 7.72 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Instrument :
BNA_F
ClientSampleId :
PB83779BS

Tgt Ion:107 Resp: 220099
Ion Ratio Lower Upper
107 100
108 111.2 91.8 137.8
77 51.2 31.4 47.2#
79 48.2 31.3 46.9#

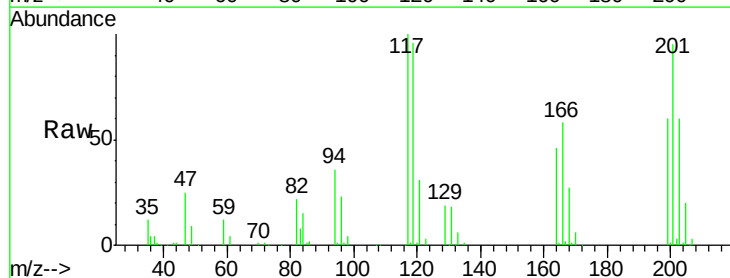


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

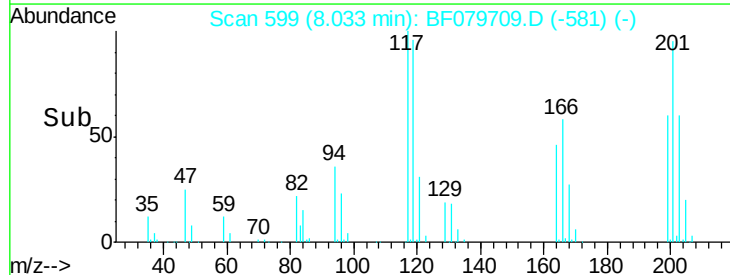
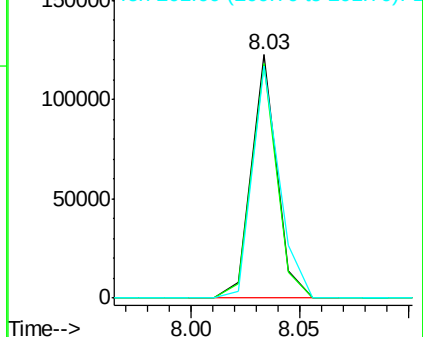


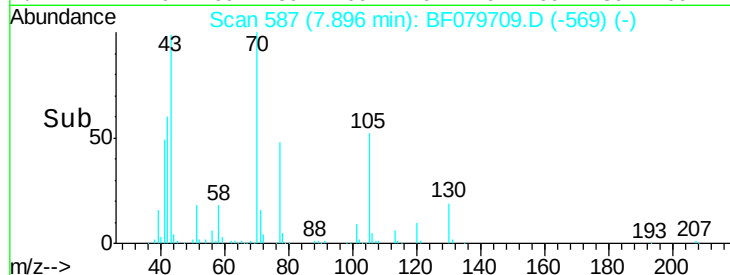
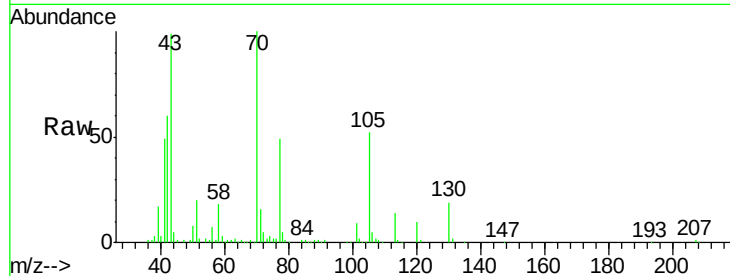
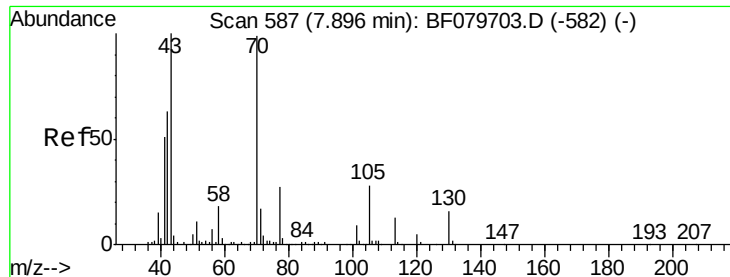
#18
Hexachloroethane
Concen: 27.40 ng
RT: 8.03 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion:117 Resp: 99078
Ion Ratio Lower Upper
117 100
119 96.2 75.5 113.3
201 95.5 66.4 99.6



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

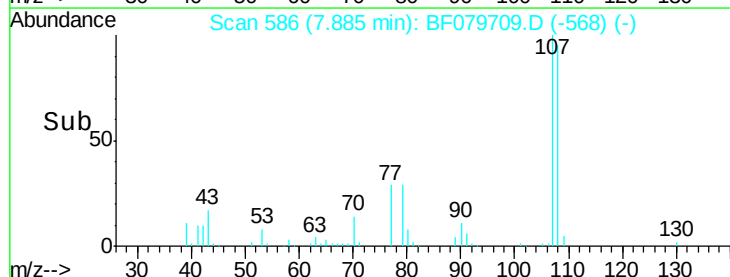
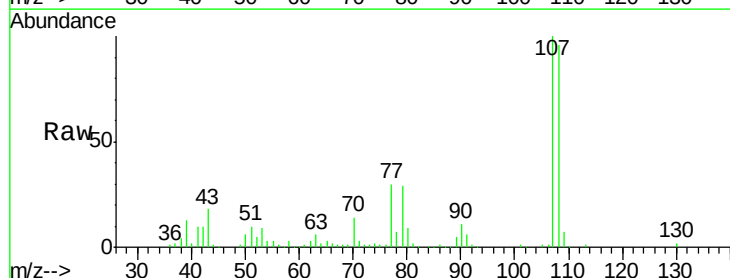
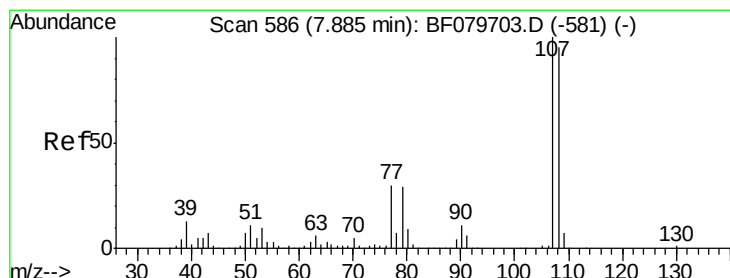
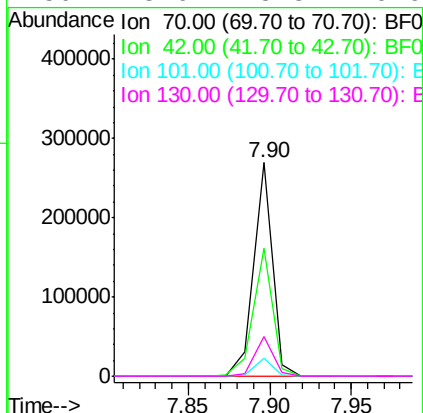




#19
n-Nitroso-di-n-propylamine
Concen: 29.04 ng
RT: 7.90 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

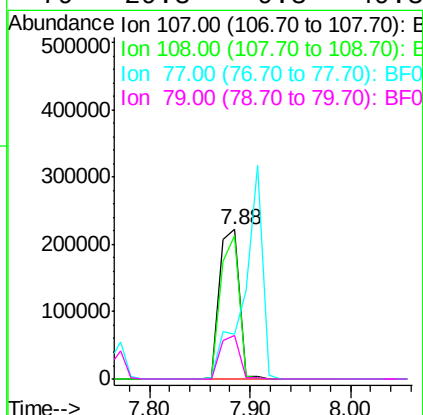
Instrument :
BNA_F
ClientSampleId :
PB83779BS

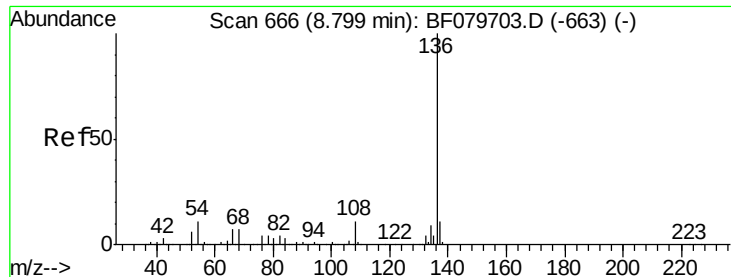
Tgt Ion: 70 Resp: 216215
Ion Ratio Lower Upper
70 100
42 59.9 51.1 76.7
101 8.6 7.0 10.6
130 18.6 13.3 19.9



#20
3+4-Methylphenols
Concen: 28.71 ng
RT: 7.88 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion: 107 Resp: 303937
Ion Ratio Lower Upper
107 100
108 95.6 75.2 115.2
77 30.2 10.3 50.3
79 29.3 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

Tgt Ion:136 Resp: 555736

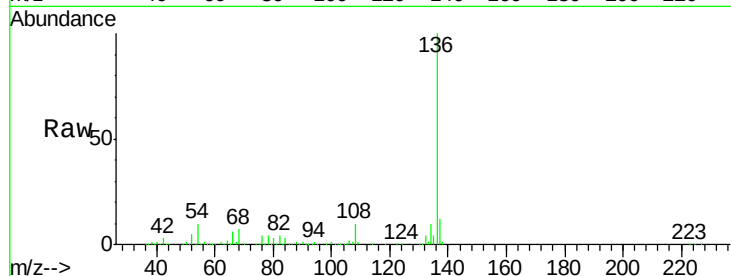
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 9.8 8.7 13.1

68 7.1 5.8 8.8

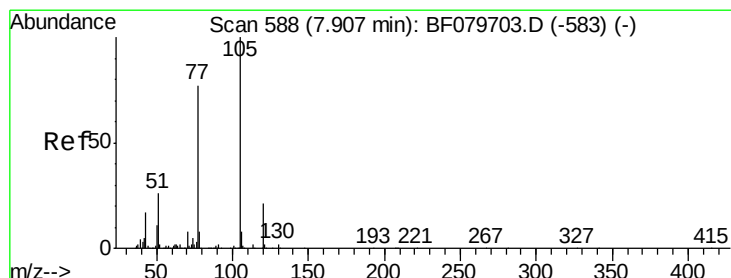
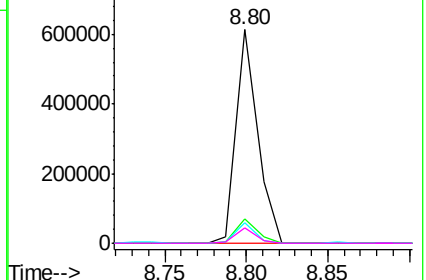
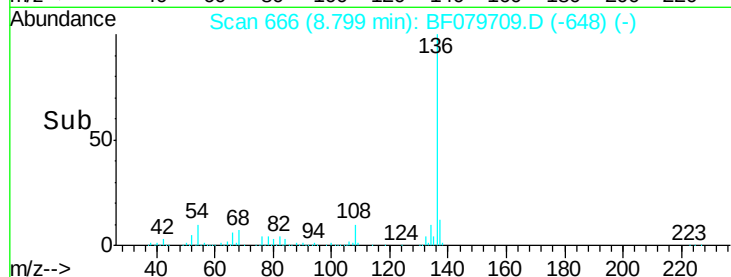


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 29.65 ng

RT: 7.91 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Tgt Ion:105 Resp: 401353

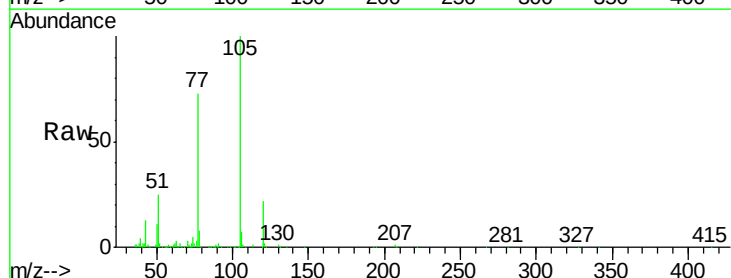
Ion Ratio Lower Upper

105 100

71 0.5 0.9 1.3#

51 24.7 21.3 31.9

120 22.2 17.1 25.7

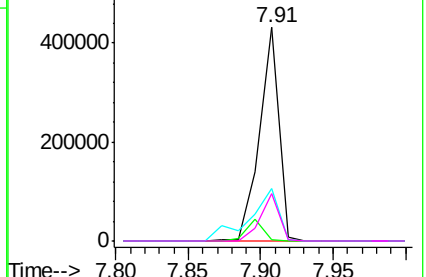
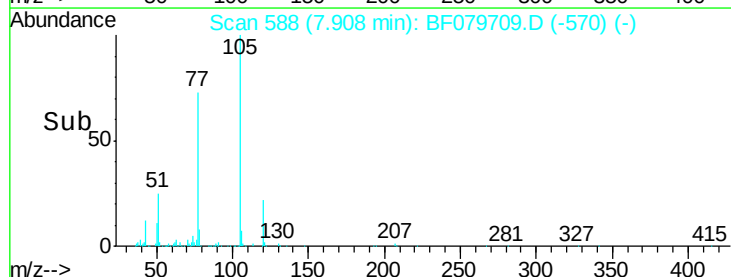


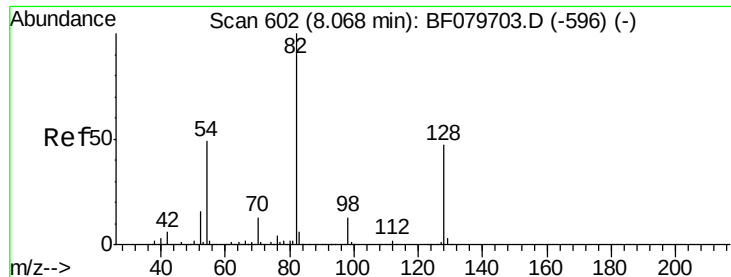
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

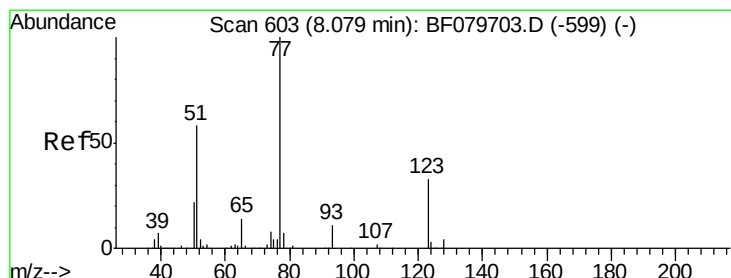
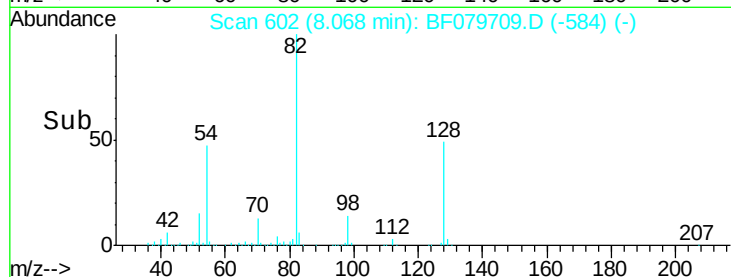
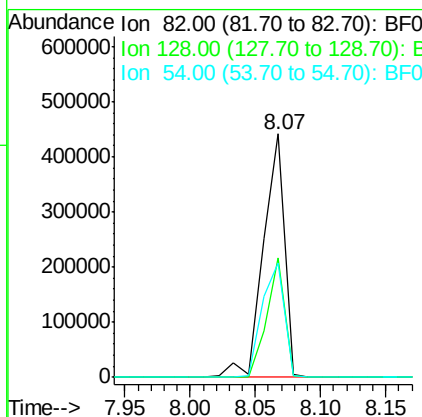
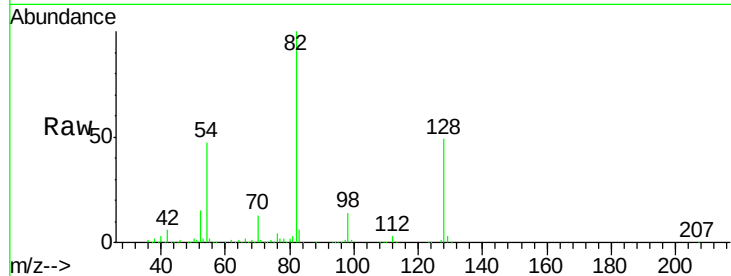




#23
 Nitrobenzene-d5
 Concen: 55.16 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

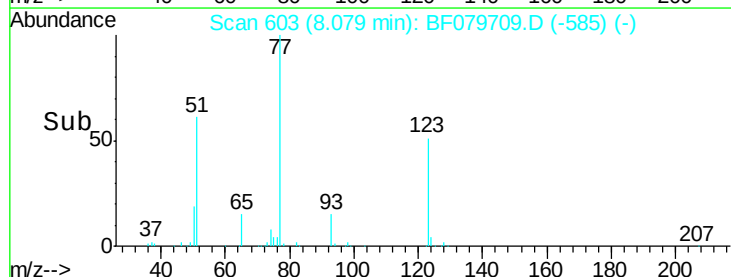
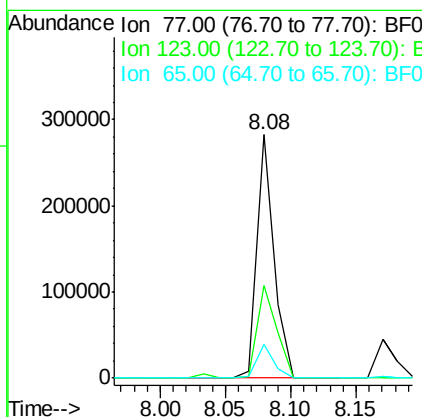
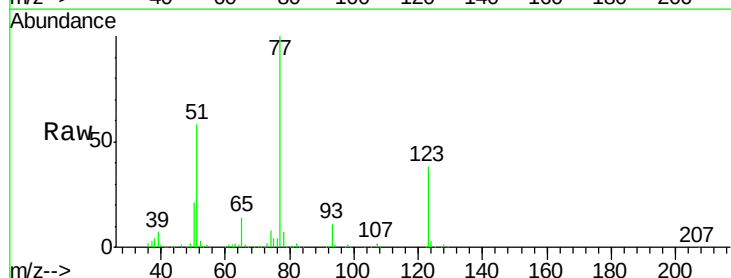
Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

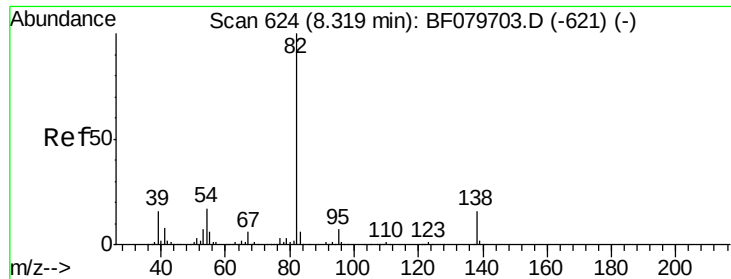
Tgt Ion: 82 Resp: 503431
 Ion Ratio Lower Upper
 82 100
 128 49.3 37.6 56.4
 54 47.0 39.4 59.2



#24
 Nitrobenzene
 Concen: 27.51 ng
 RT: 8.08 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion: 77 Resp: 259598
 Ion Ratio Lower Upper
 77 100
 123 38.3 28.1 42.1
 65 13.6 10.9 16.3





#25

Isophorone

Concen: 27.92 ng

RT: 8.32 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

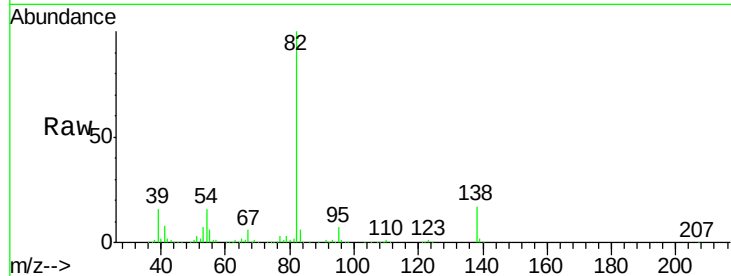
Tgt Ion: 82 Resp: 559697

Ion Ratio Lower Upper

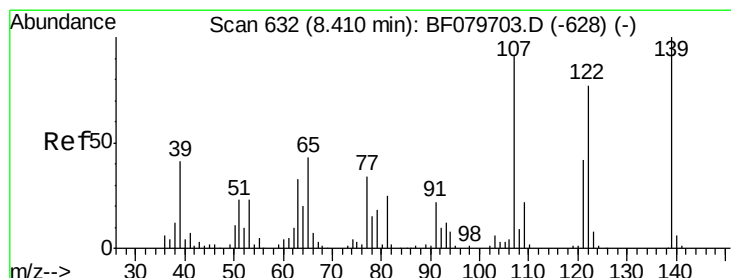
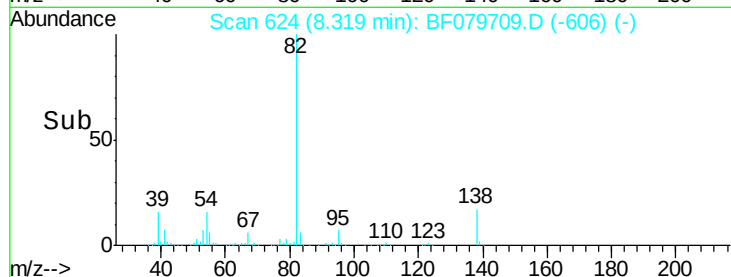
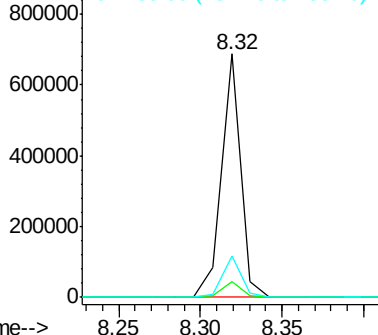
82 100

95 6.7 5.3 7.9

138 17.0 13.0 19.4



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



#26

2-Nitrophenol

Concen: 25.80 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

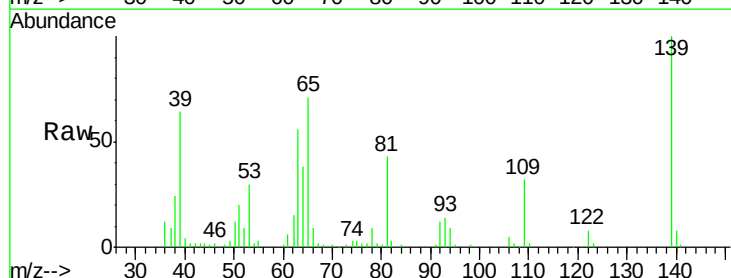
Tgt Ion: 139 Resp: 90531

Ion Ratio Lower Upper

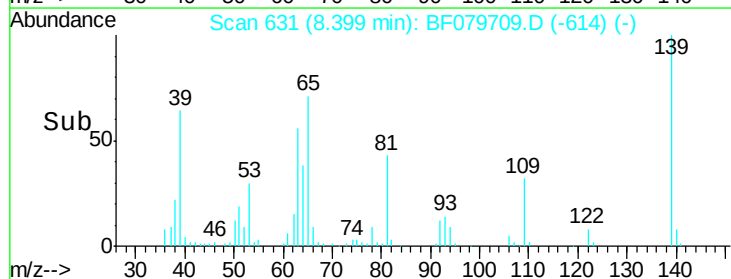
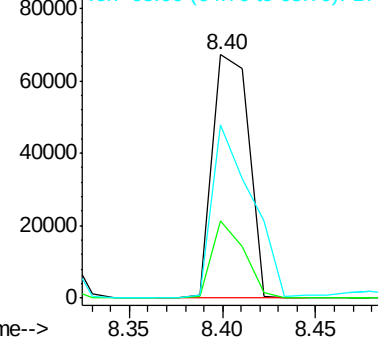
139 100

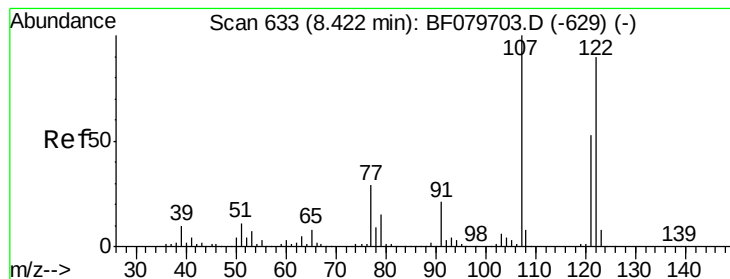
109 31.5 17.5 26.3#

65 71.2 34.6 52.0#



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





#27

2,4-Dimethylphenol

Concen: 29.20 ng

RT: 8.42 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

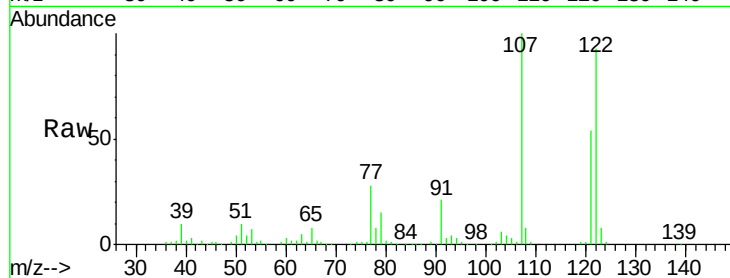
Tgt Ion:122 Resp: 265748

Ion Ratio Lower Upper

122 100

107 107.8 88.5 132.7

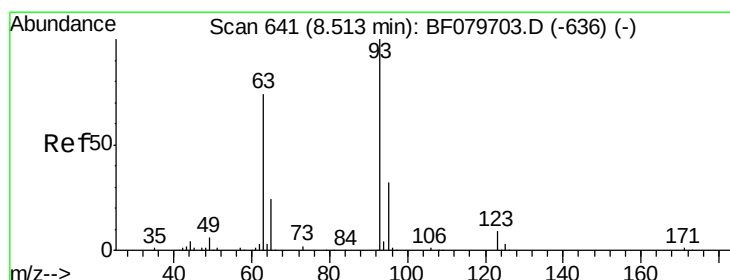
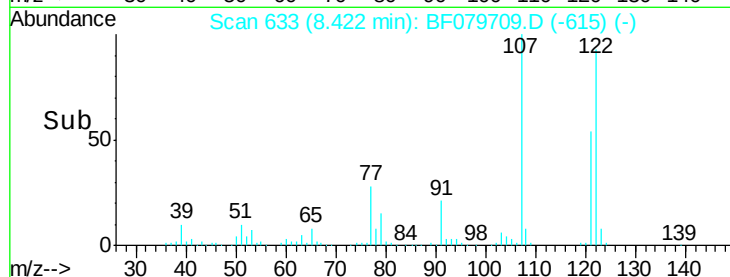
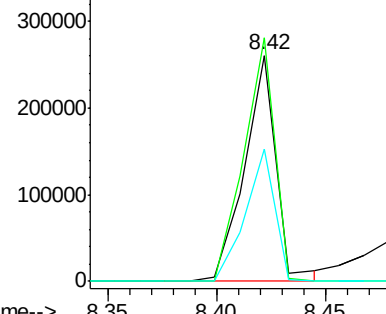
121 58.6 46.5 69.7



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: 27.89 ng

RT: 8.51 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

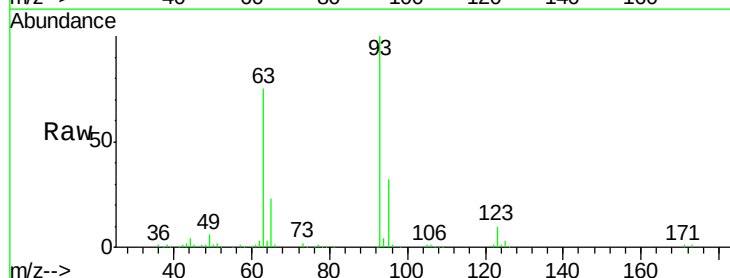
Tgt Ion: 93 Resp: 311759

Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

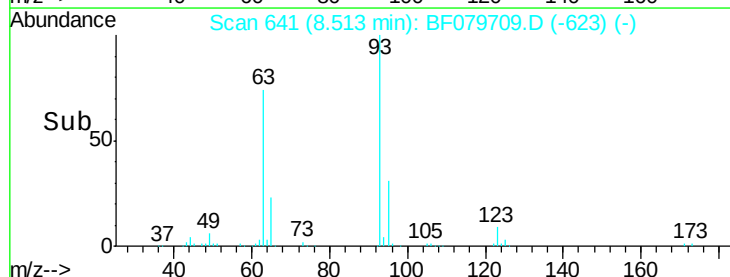
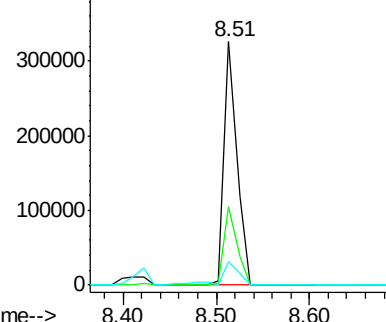
123 9.7 7.3 10.9

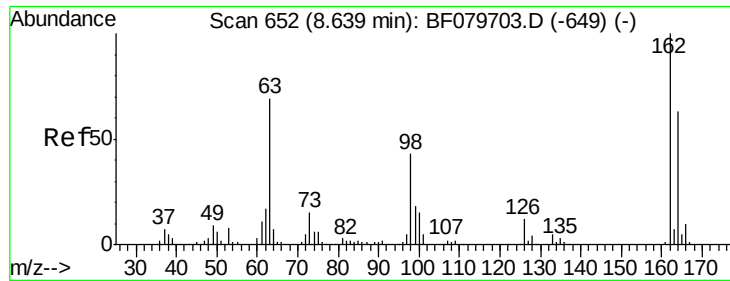


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

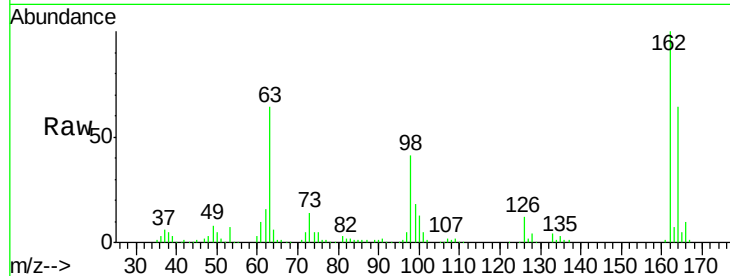




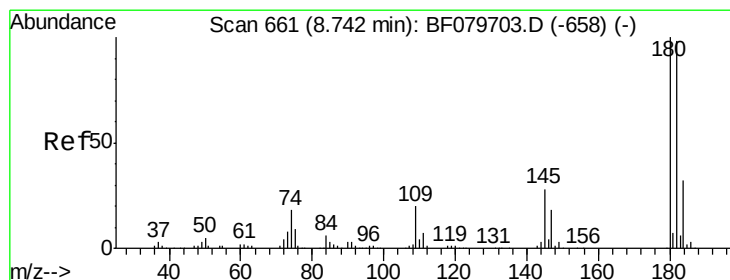
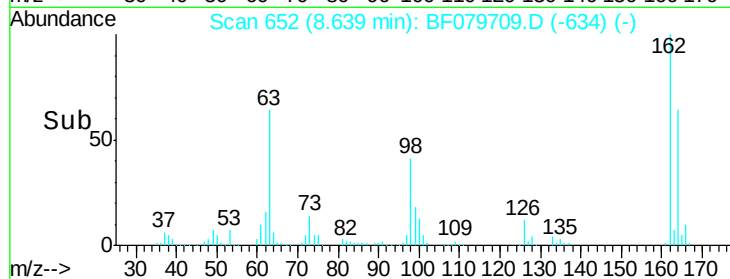
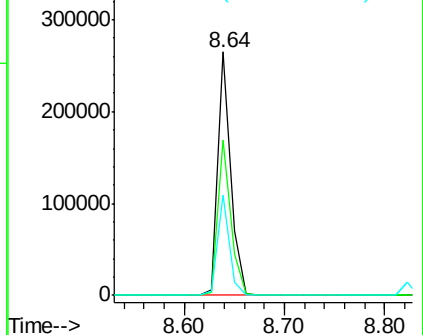
#29
 2,4-Dichlorophenol
 Concen: 30.47 ng
 RT: 8.64 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

Tgt Ion:162 Resp: 238212
 Ion Ratio Lower Upper
 162 100
 164 63.7 42.8 82.8
 98 41.2 23.2 63.2

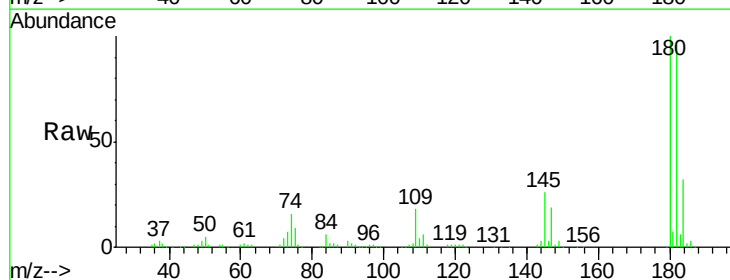


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

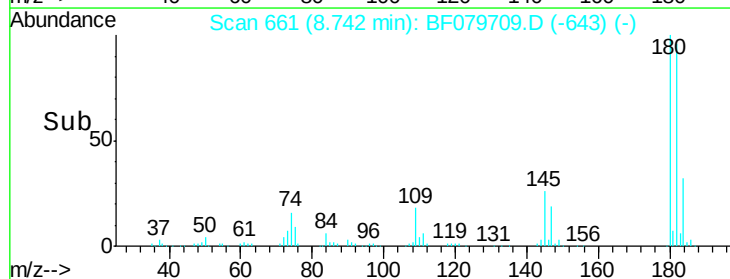
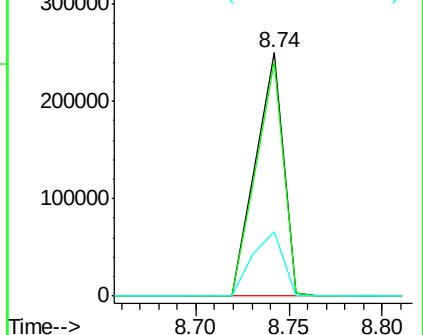


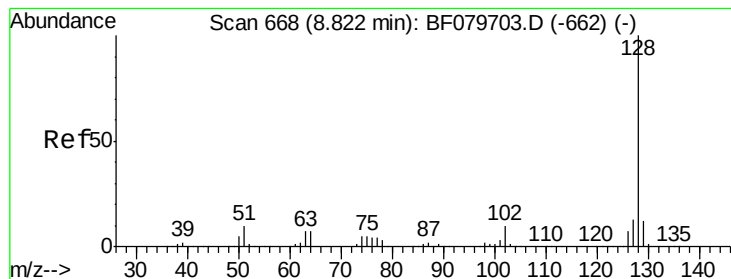
#30
 1,2,4-Trichlorobenzene
 Concen: 27.32 ng
 RT: 8.74 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion:180 Resp: 256791
 Ion Ratio Lower Upper
 180 100
 182 96.3 78.4 117.6
 145 26.4 22.3 33.5



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: 26.43 ng

RT: 8.82 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

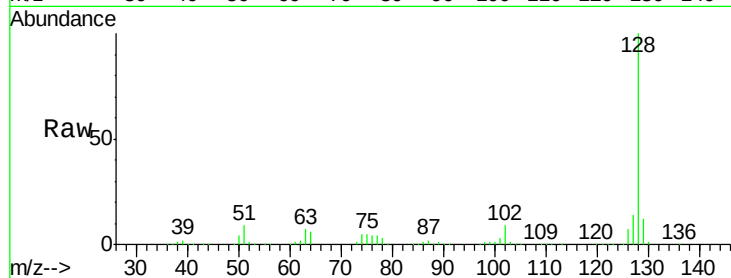
Tgt Ion:128 Resp: 809226

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

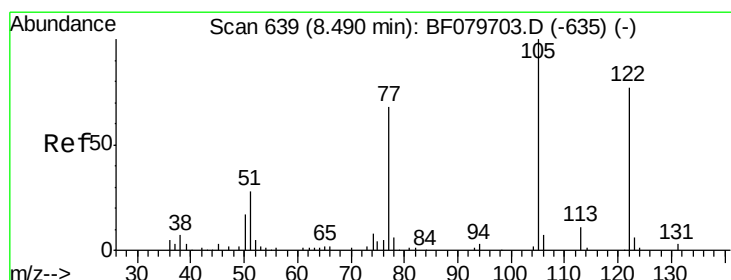
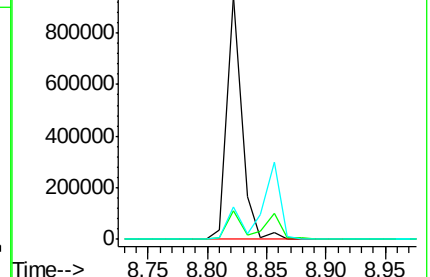
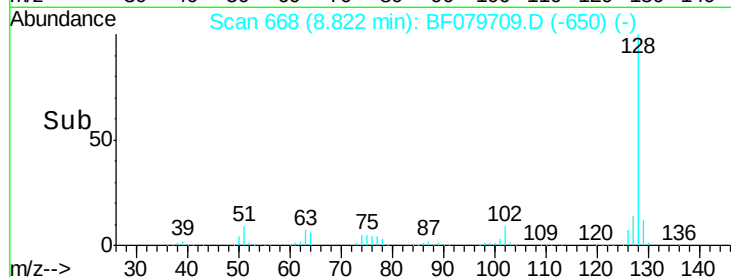
127 13.6 10.7 16.1



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: 30.88 ng

RT: 8.48 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

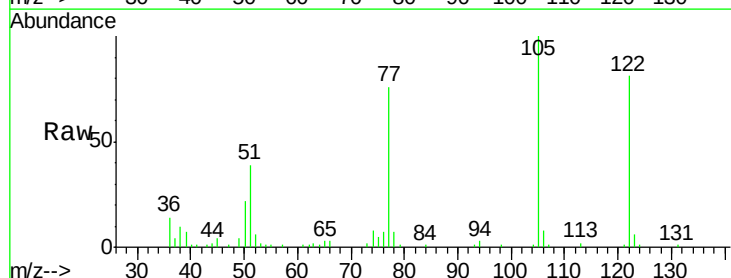
Tgt Ion:122 Resp: 104096

Ion Ratio Lower Upper

122 100

105 123.6 106.7 146.7

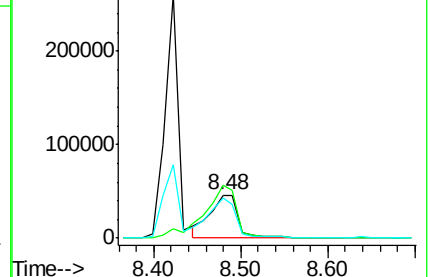
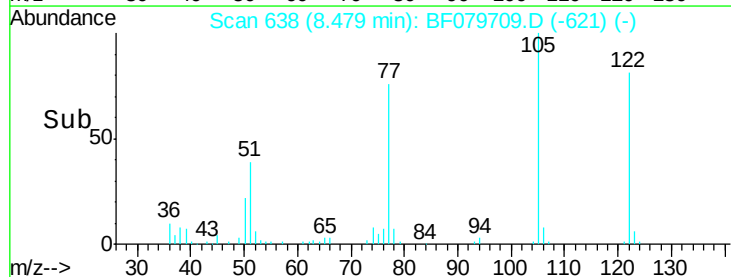
77 94.4 68.9 108.9

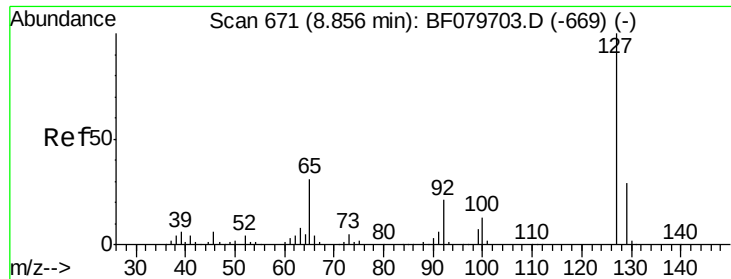


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

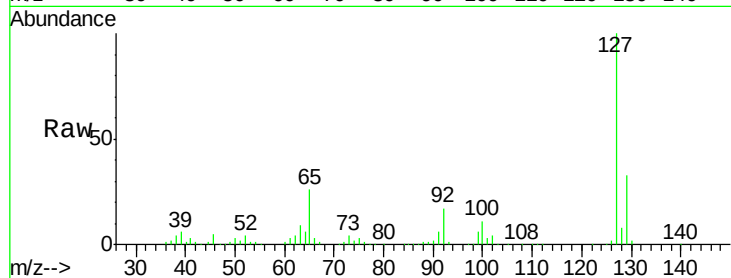




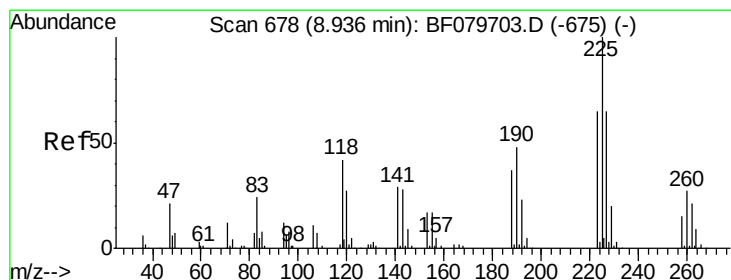
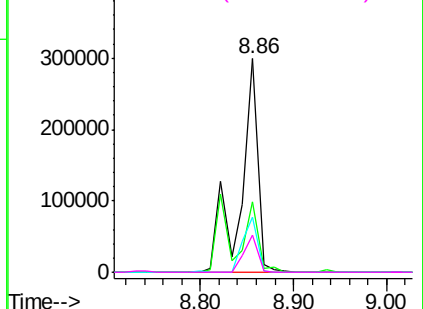
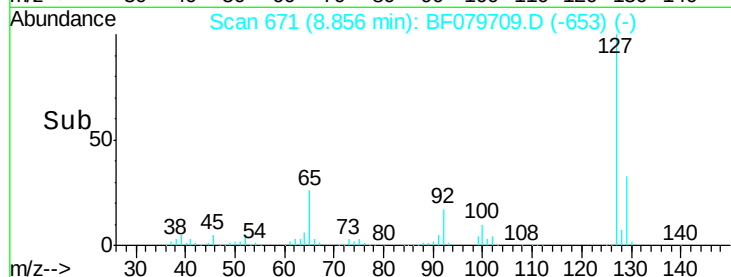
#33
4-Chloroaniline
Concen: 31.87 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Instrument :
BNA_F
ClientSampleId :
PB83779BS

Tgt Ion:	127	Resp:	387654
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.8	40.2
65	26.1	22.9	34.3
92	17.3	15.2	22.8

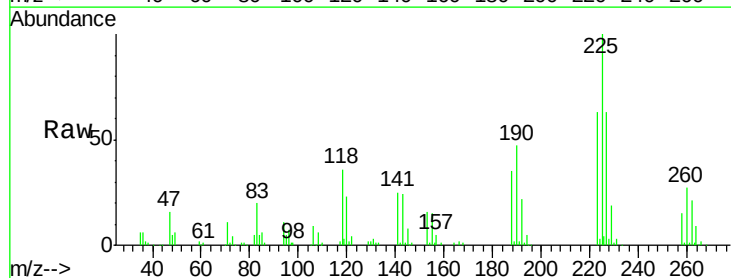


Abundance Ion 127.00 (126.70 to 127.70): E

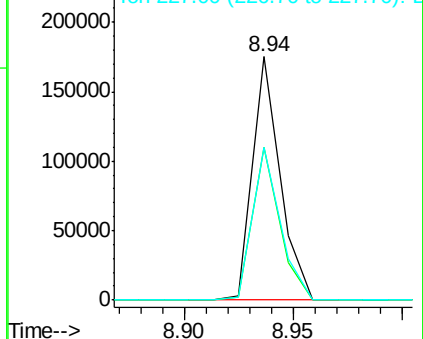
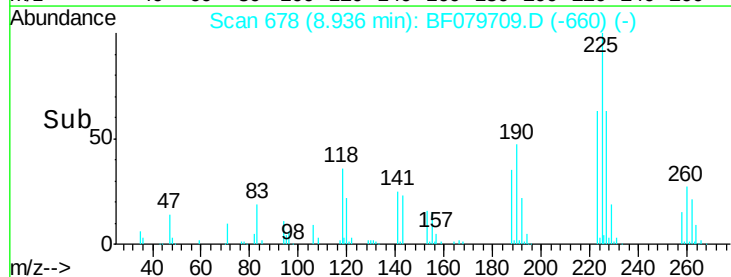


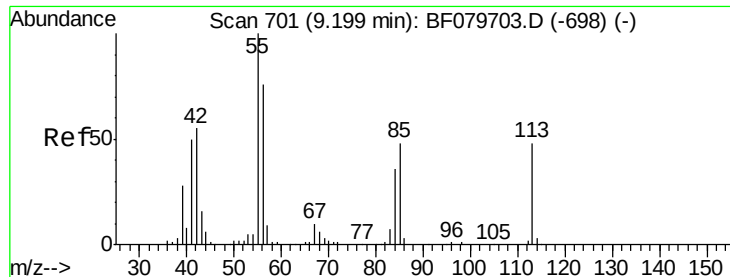
#34
Hexachlorobutadiene
Concen: 28.24 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion:	225	Resp:	154238
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.9	77.9
227	62.6	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E

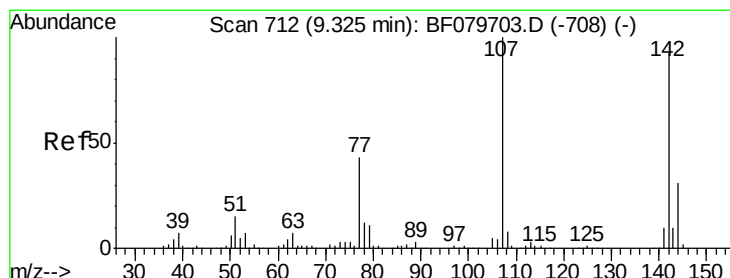
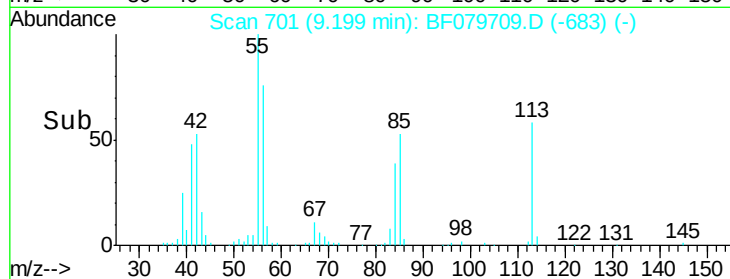
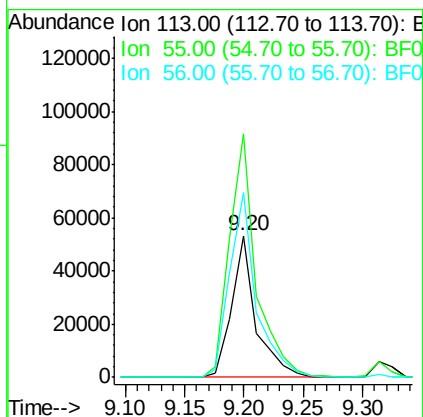
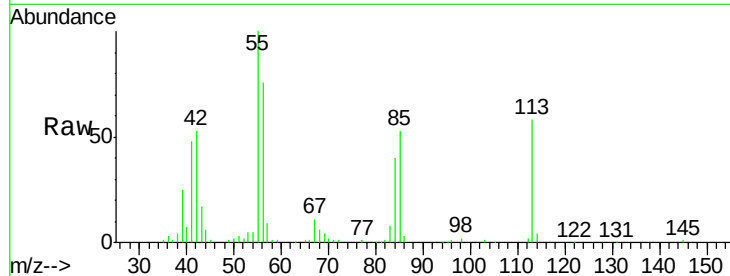




#35
 Caprolactam
 Concen: 31.76 ng
 RT: 9.20 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

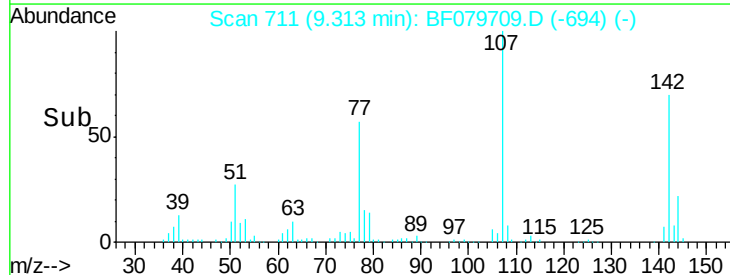
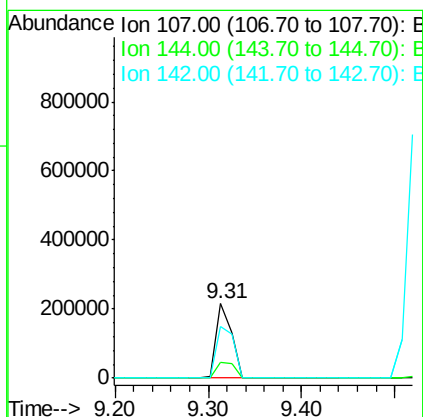
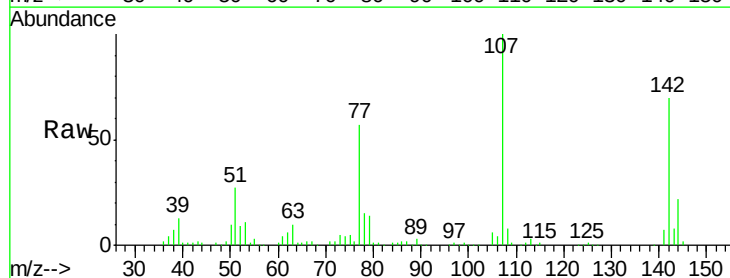
Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

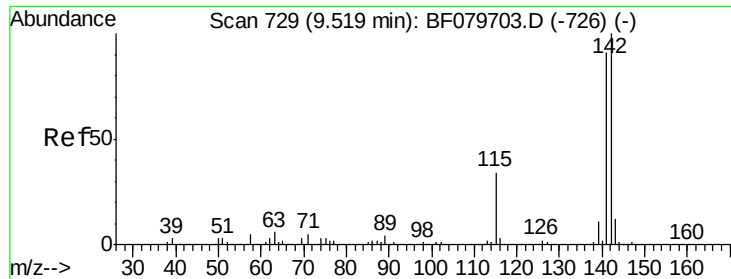
Tgt Ion:113 Resp: 75250
 Ion Ratio Lower Upper
 113 100
 55 172.1 186.6 226.6#
 56 130.7 137.8 177.8#



#36
 4-Chloro-3-methylphenol
 Concen: 29.68 ng
 RT: 9.31 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion:107 Resp: 243892
 Ion Ratio Lower Upper
 107 100
 144 22.0 24.5 36.7#
 142 69.5 74.6 112.0#

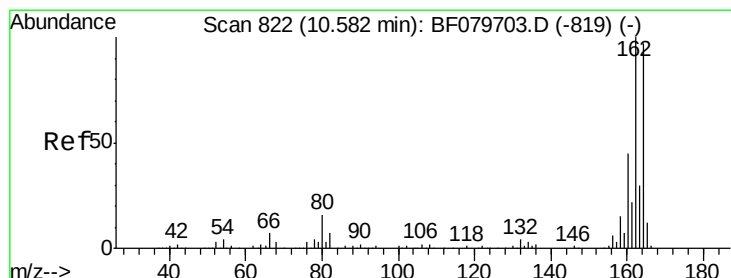
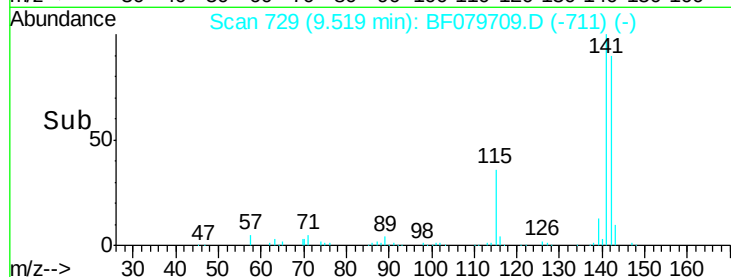
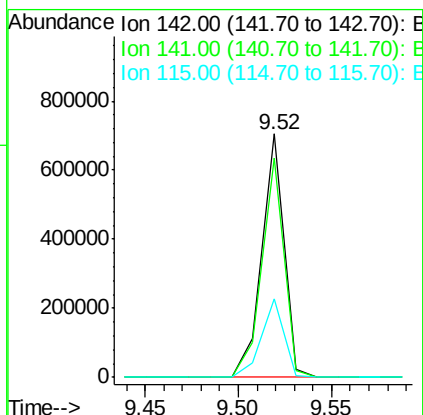
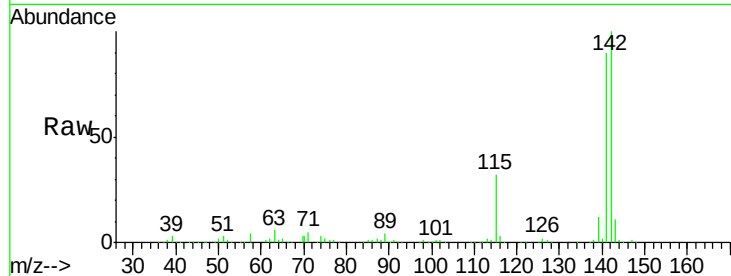




#37
2-Methylnaphthalene
Concen: 27.91 ng
RT: 9.52 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

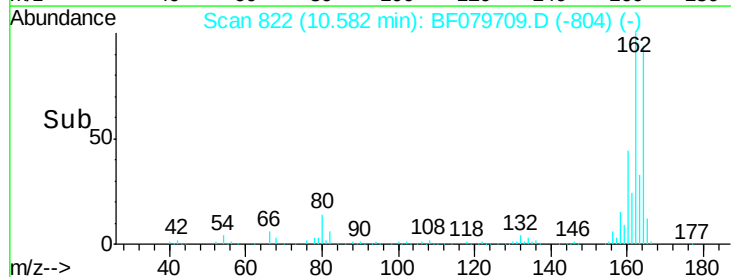
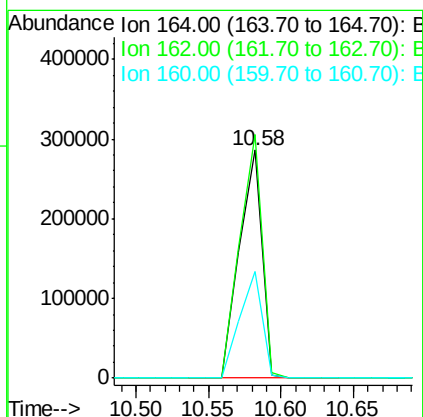
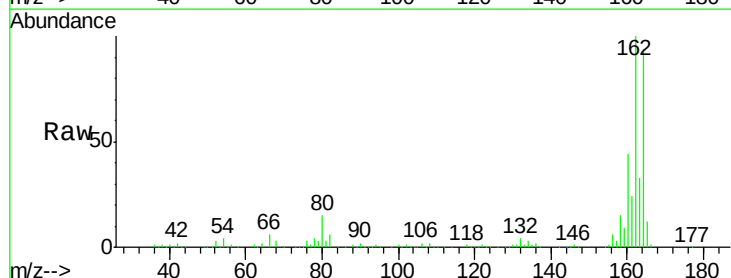
Instrument :
BNA_F
ClientSampleId :
PB83779BS

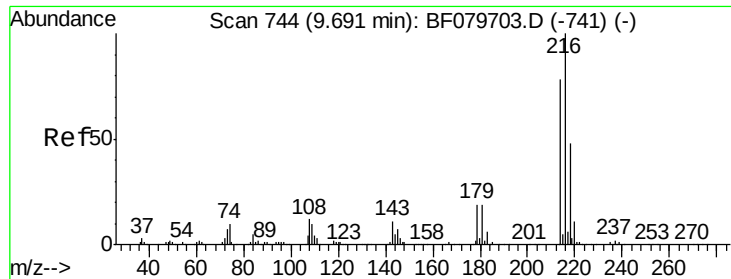
Tgt Ion:142 Resp: 576758
Ion Ratio Lower Upper
142 100
141 90.3 72.8 109.2
115 32.3 26.9 40.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion:164 Resp: 308960
Ion Ratio Lower Upper
164 100
162 106.9 82.6 123.8
160 46.7 36.8 55.2

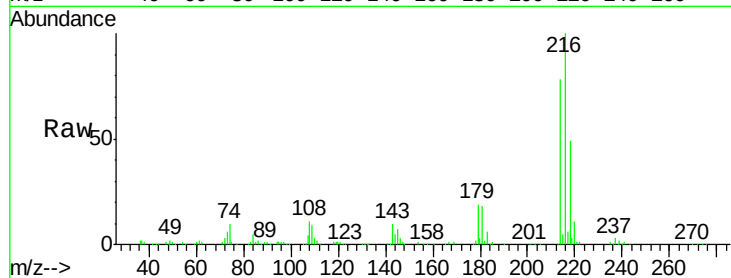




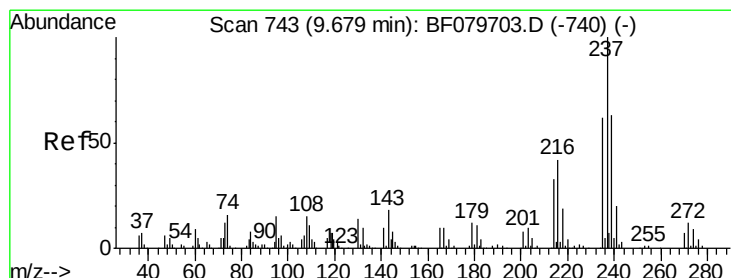
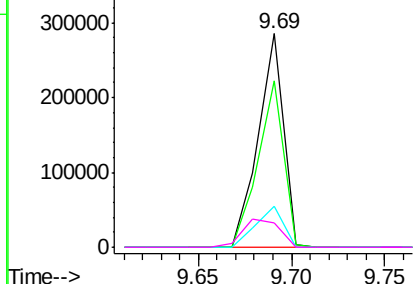
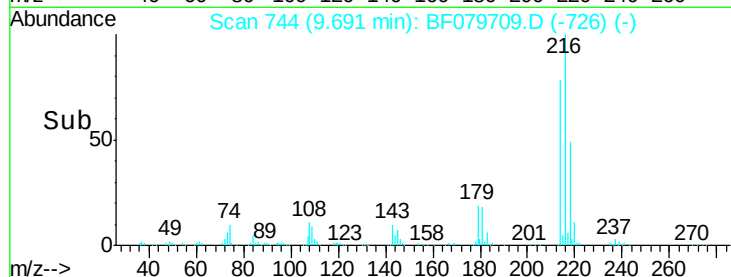
#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.74 ng
RT: 9.69 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Instrument :
BNA_F
ClientSampleId :
PB83779BS

Tgt Ion:	216	Resp:	266794
Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.2	93.4
179	20.9	16.6	24.8
108	18.9	13.4	20.0

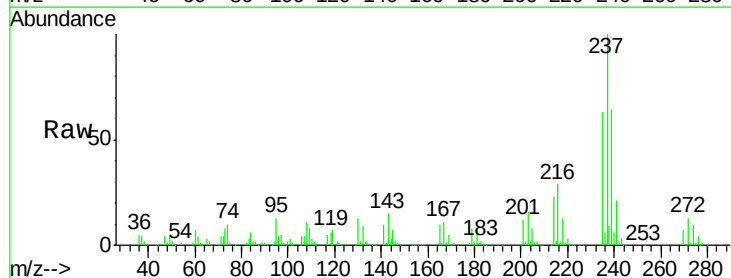


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

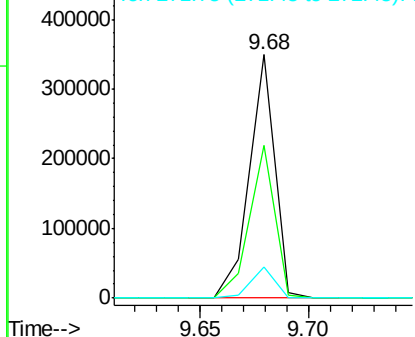
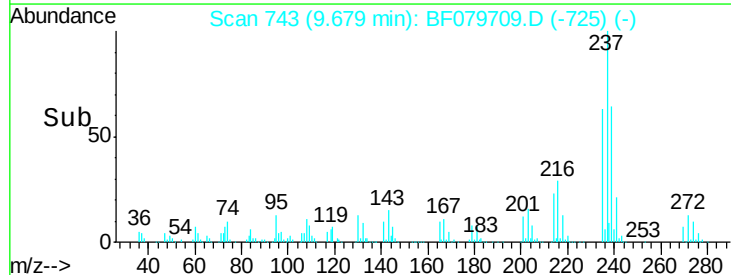


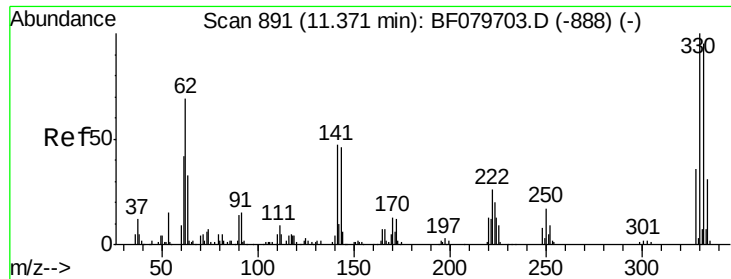
#40
Hexachlorocyclopentadiene
Concen: 58.00 ng
RT: 9.68 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion:	237	Resp:	282758
Ion	Ratio	Lower	Upper
237	100		
235	63.0	41.9	81.9
272	12.7	0.0	32.1



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

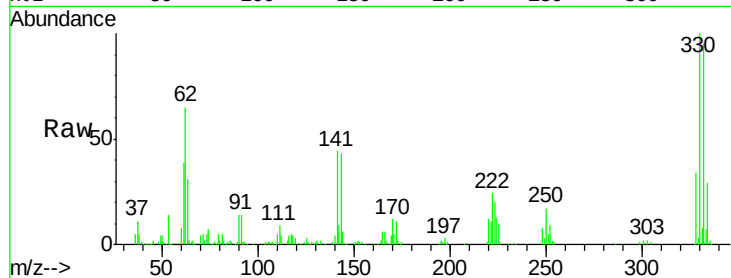




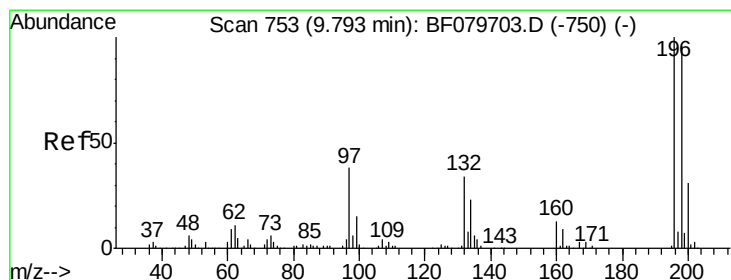
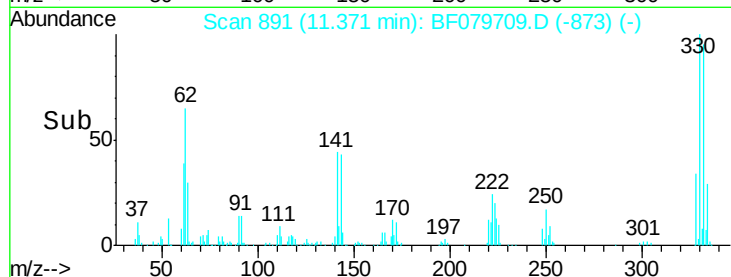
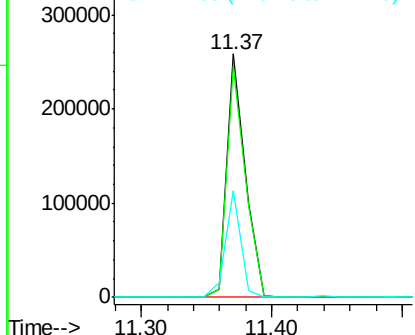
#41
 2,4,6-Tribromophenol
 Concen: 91.65 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

Tgt Ion:330 Resp: 254287
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.0
 141 36.7 30.2 45.2

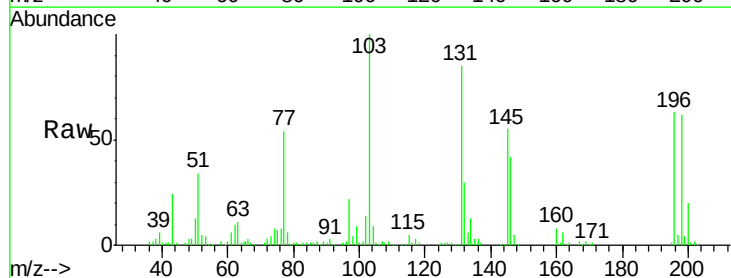


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

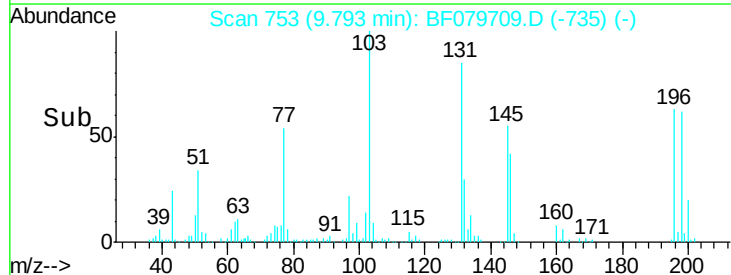
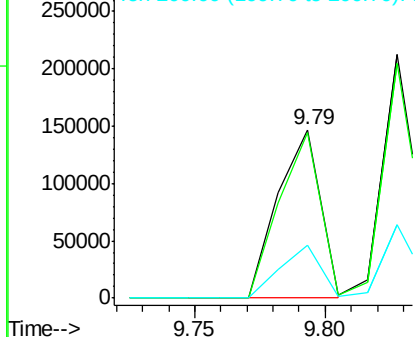


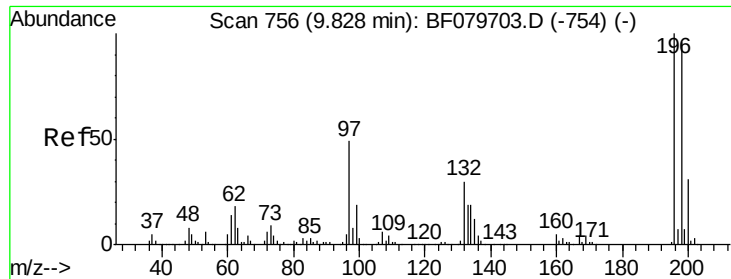
#42
 2,4,6-Trichlorophenol
 Concen: 26.93 ng
 RT: 9.79 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion:196 Resp: 165927
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.8 115.2
 200 31.7 24.5 36.7



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

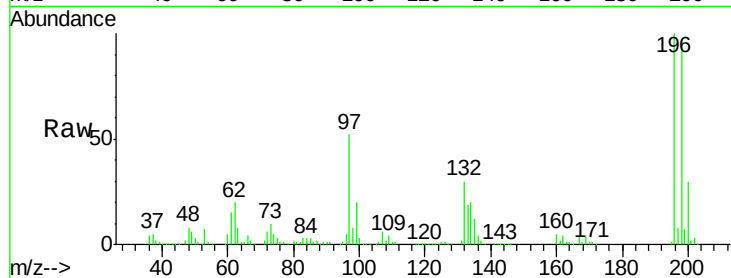




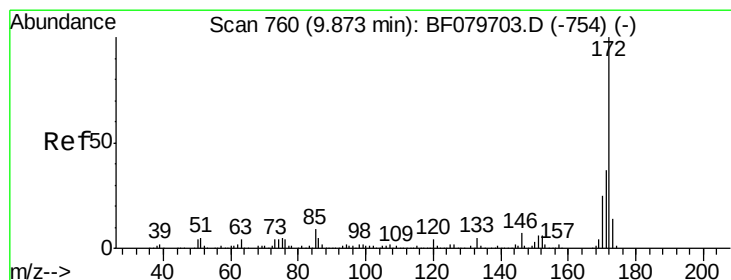
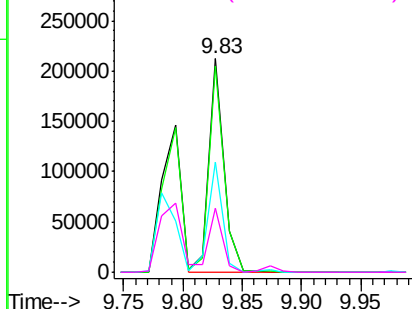
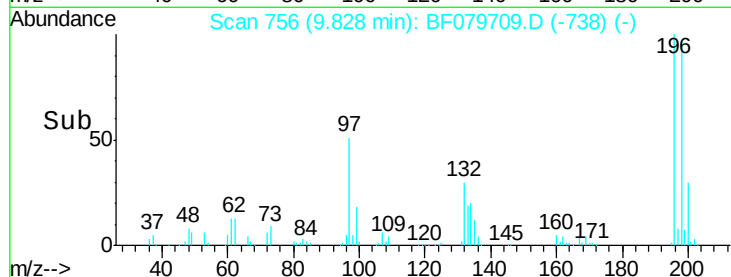
#43
 2,4,5-Trichlorophenol
 Concen: 26.48 ng
 RT: 9.83 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

Tgt Ion:196 Resp: 186934
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.9 115.3
 97 51.8 38.9 58.3
 132 29.8 23.9 35.9

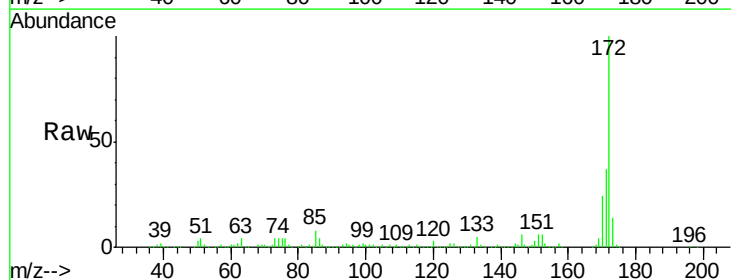


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

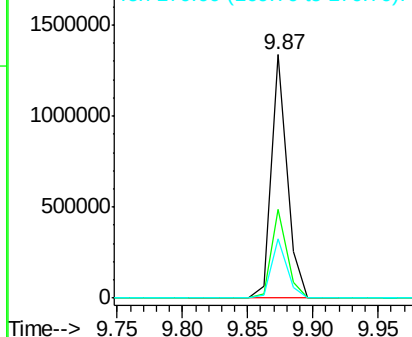
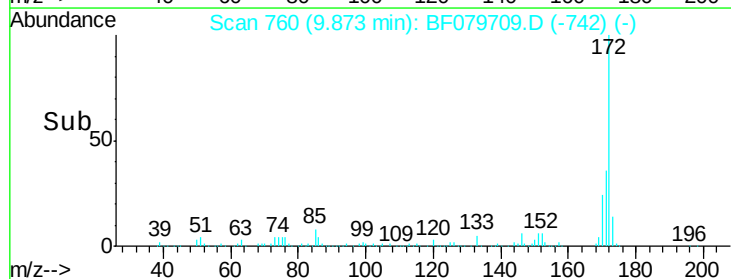


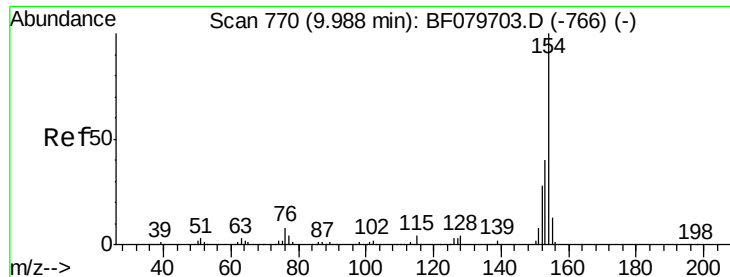
#44
 2-Fluorobiphenyl
 Concen: 53.28 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion:172 Resp: 1137055
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.4 19.7 29.5



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

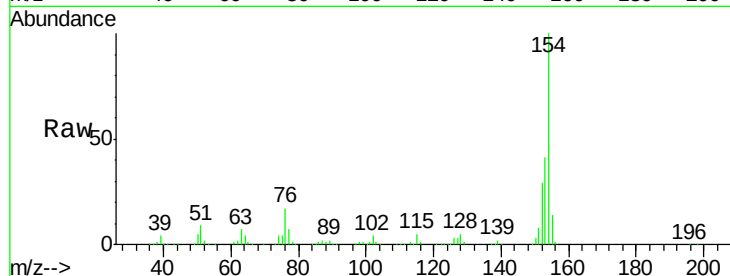




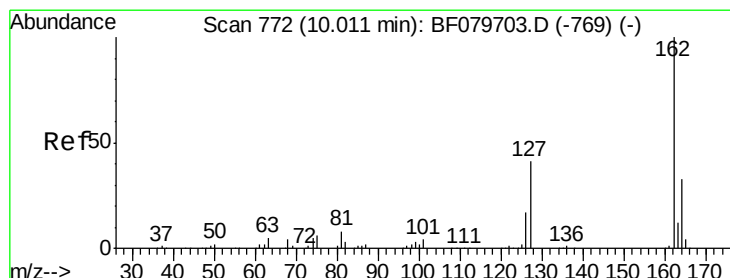
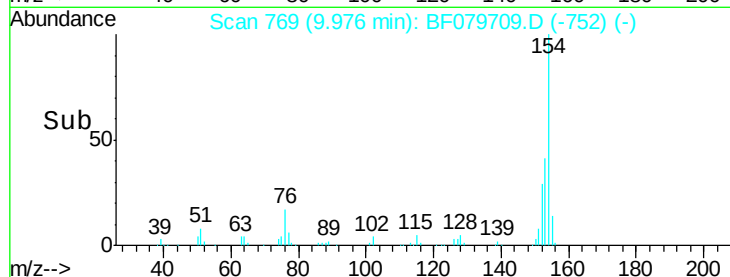
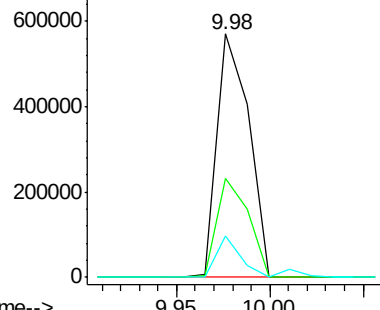
#45
 1,1'-Biphenyl
 Concen: 27.29 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

Tgt Ion:154 Resp: 674842
 Ion Ratio Lower Upper
 154 100
 153 40.6 19.9 59.9
 76 17.0 0.0 28.2

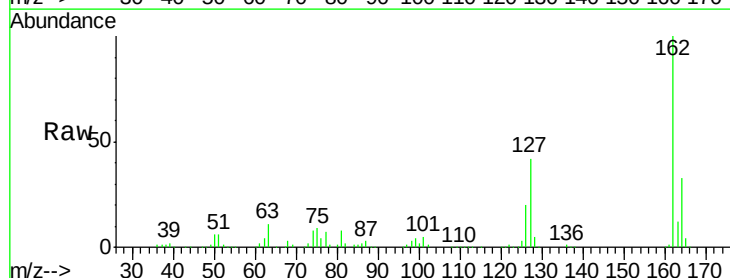


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

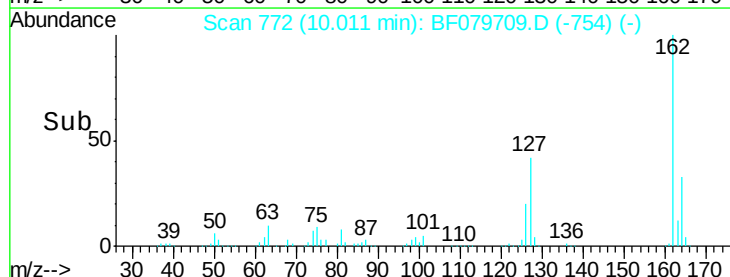
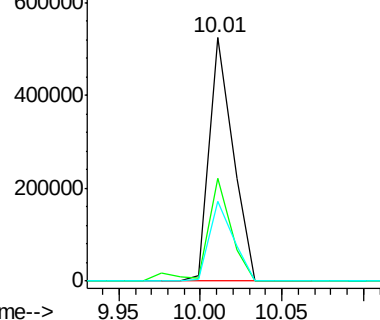


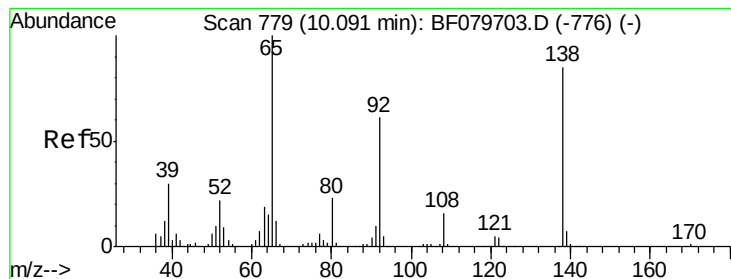
#46
 2-Chloronaphthalene
 Concen: 25.80 ng
 RT: 10.01 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion:162 Resp: 521169
 Ion Ratio Lower Upper
 162 100
 127 42.2 35.4 53.2
 164 32.8 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: 28.91 ng

RT: 10.09 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

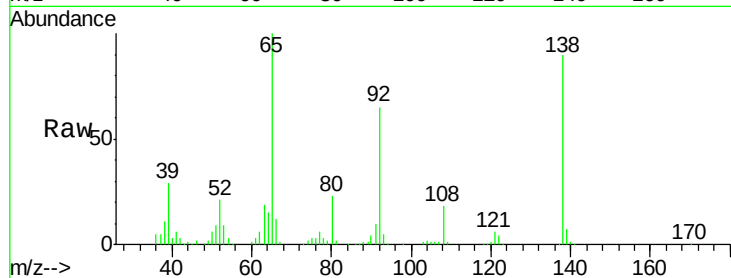
Tgt Ion: 65 Resp: 127432

Ion Ratio Lower Upper

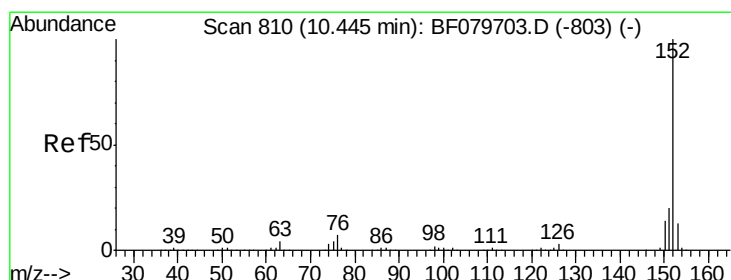
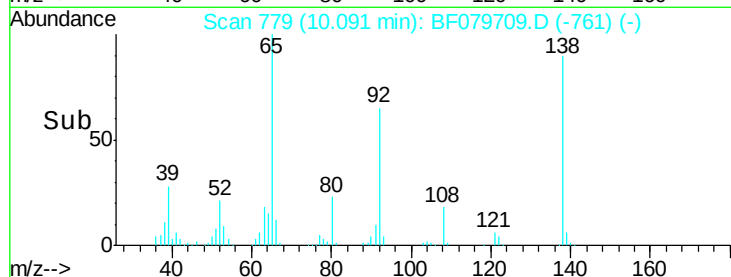
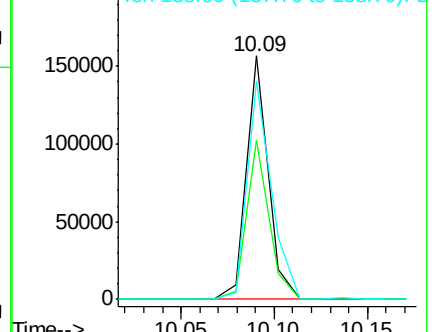
65 100

92 65.3 49.0 73.6

138 89.7 67.7 101.5



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 24.57 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

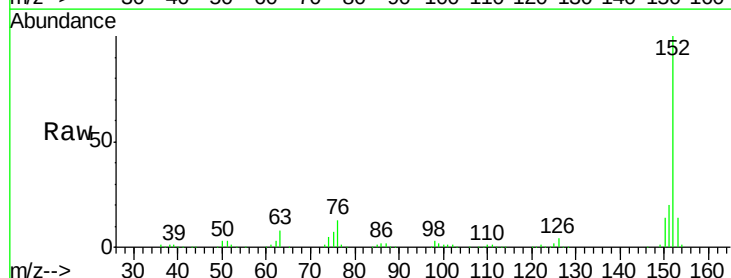
Tgt Ion: 152 Resp: 849130

Ion Ratio Lower Upper

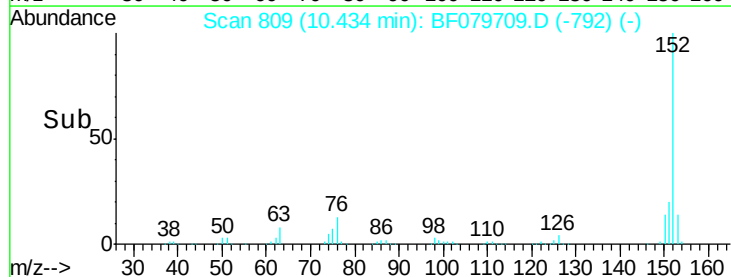
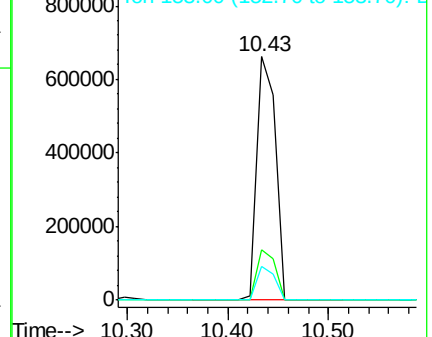
152 100

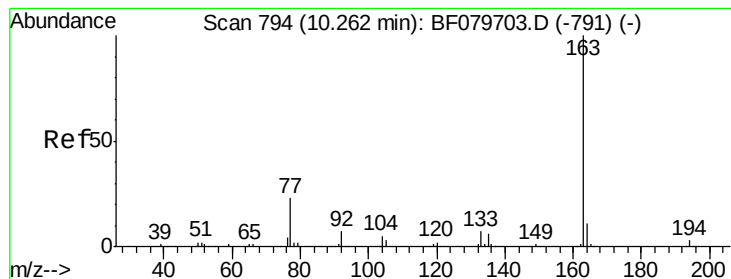
151 20.4 16.2 24.4

153 14.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 27.17 ng

RT: 10.26 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

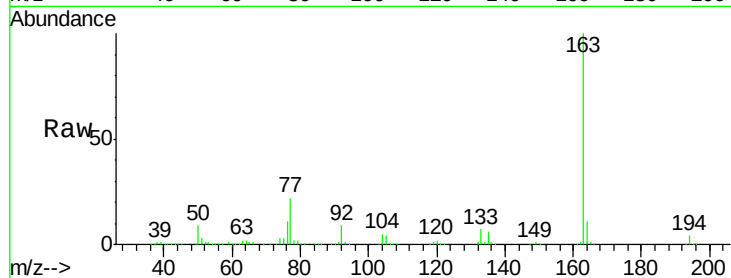
Tgt Ion:163 Resp: 646743

Ion Ratio Lower Upper

163 100

194 3.5 2.6 3.8

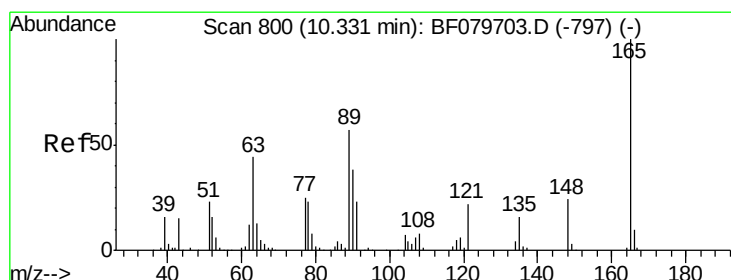
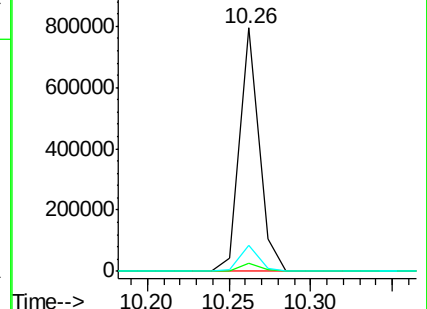
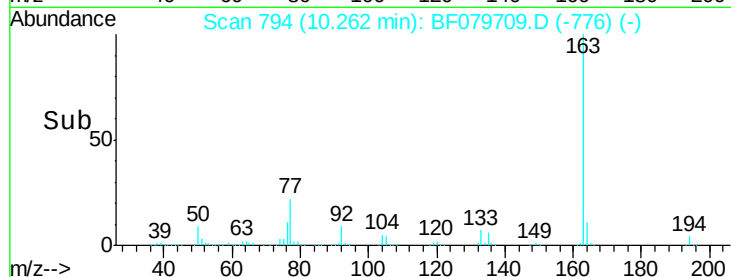
164 10.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 28.95 ng

RT: 10.33 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

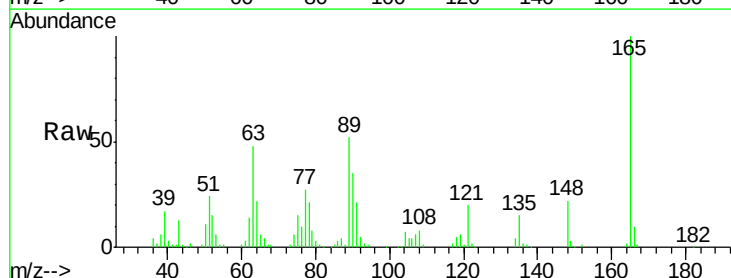
Tgt Ion:165 Resp: 124317

Ion Ratio Lower Upper

165 100

63 48.2 45.2 67.8

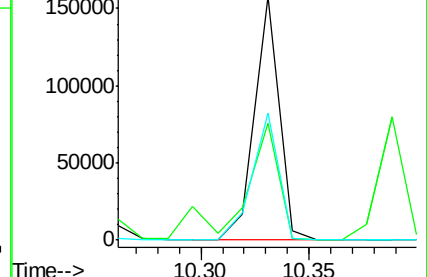
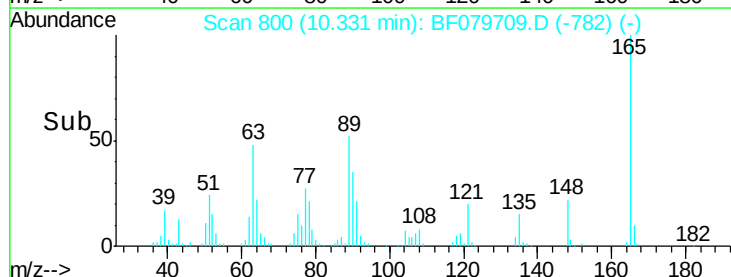
89 52.2 45.9 68.9

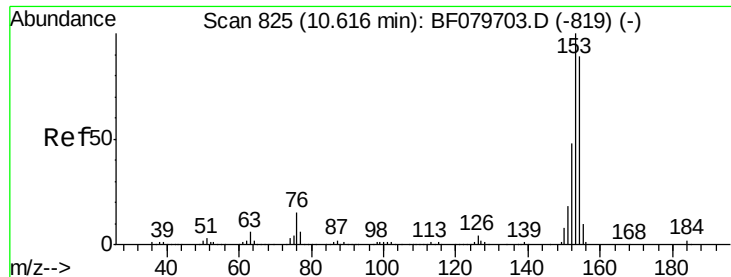


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.05 ng

RT: 10.62 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

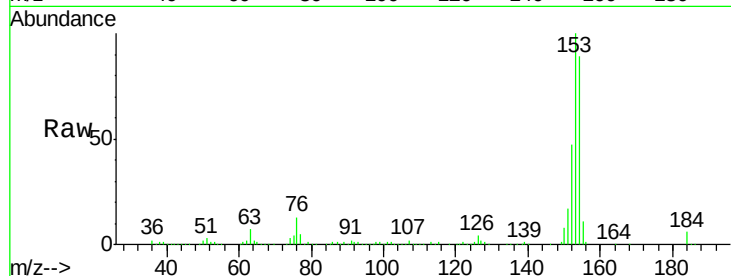
Tgt Ion:154 Resp: 529989

Ion Ratio Lower Upper

154 100

153 111.8 90.1 135.1

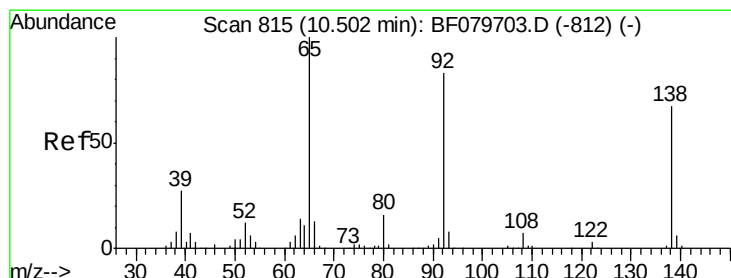
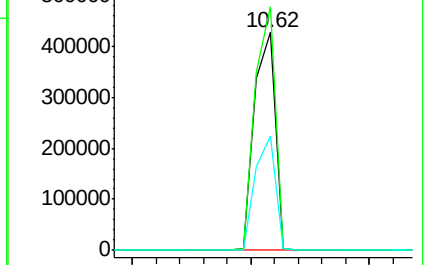
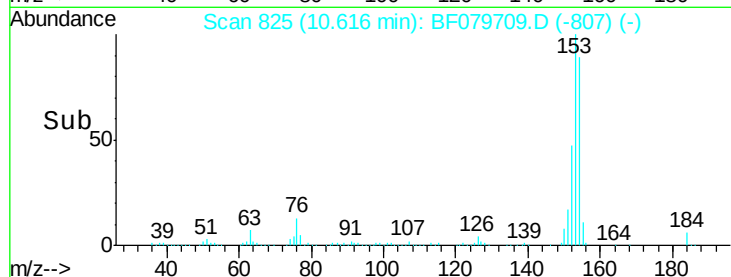
152 52.3 43.4 65.0



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: 25.50 ng

RT: 10.50 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

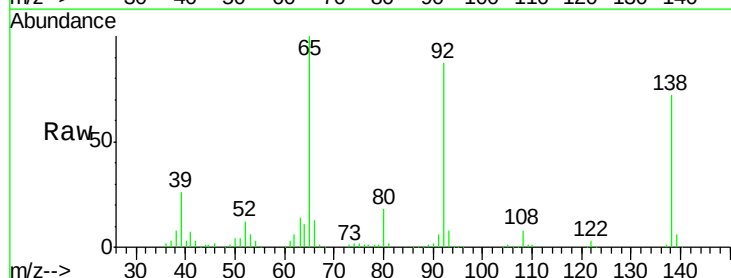
Tgt Ion:138 Resp: 122470

Ion Ratio Lower Upper

138 100

108 11.7 8.9 13.3

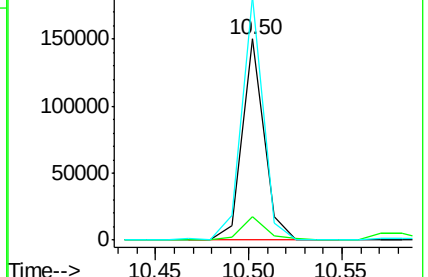
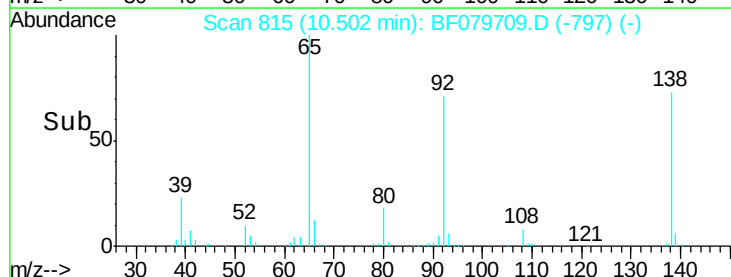
92 121.1 99.0 148.4

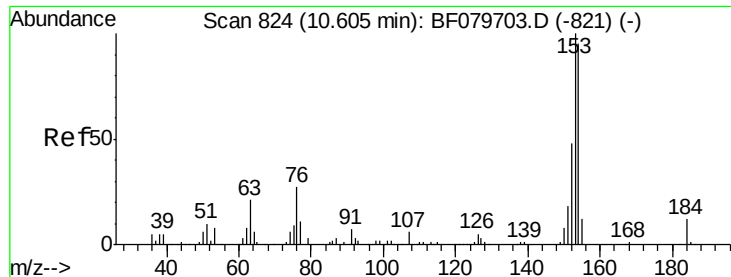


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

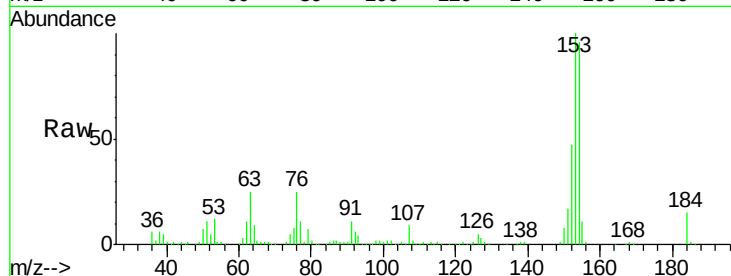




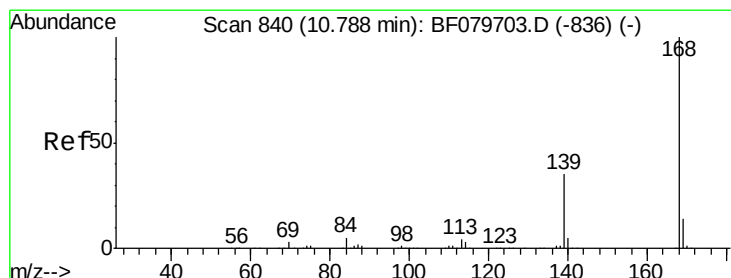
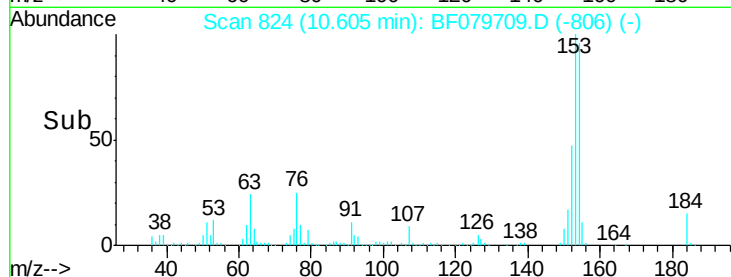
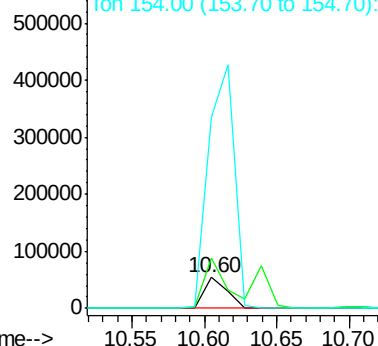
#53
2,4-Dinitrophenol
Concen: 61.72 ng
RT: 10.60 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Instrument :
BNA_F
ClientSampleId :
PB83779BS

Tgt Ion:184 Resp: 60400
Ion Ratio Lower Upper
184 100
63 162.1 146.9 220.3
154 619.7 653.8 980.8#

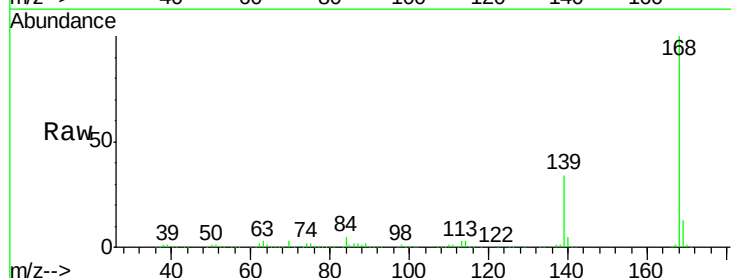


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

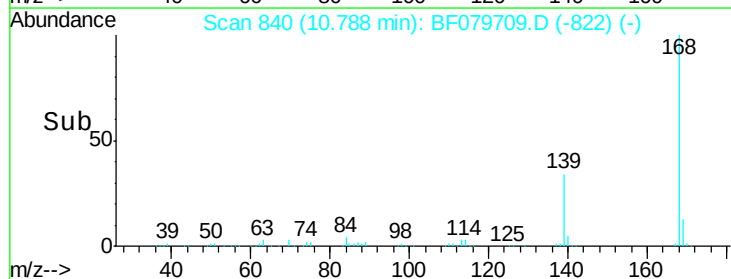
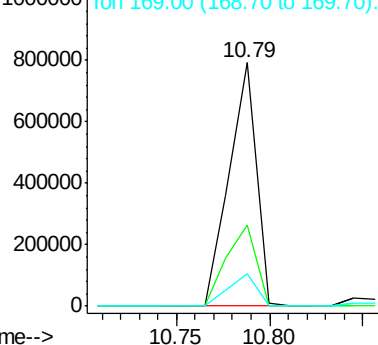


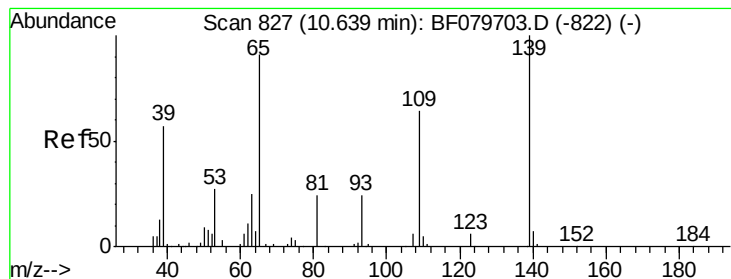
#54
Dibenzofuran
Concen: 27.32 ng
RT: 10.79 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion:168 Resp: 796467
Ion Ratio Lower Upper
168 100
139 33.5 27.7 41.5
169 13.3 11.0 16.4



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: 54.27 ng

RT: 10.64 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

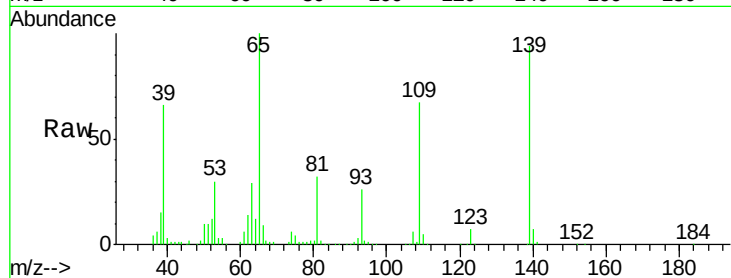
Tgt Ion:139 Resp: 219818

Ion Ratio Lower Upper

139 100

109 71.1 44.2 84.2

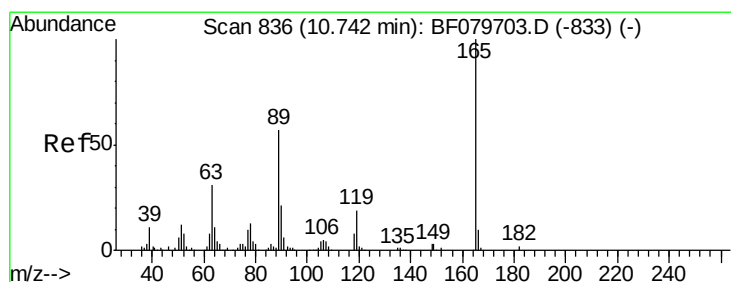
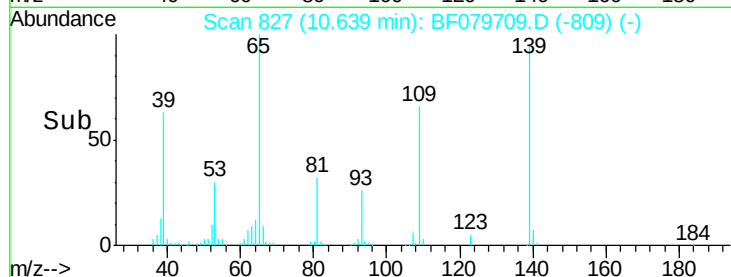
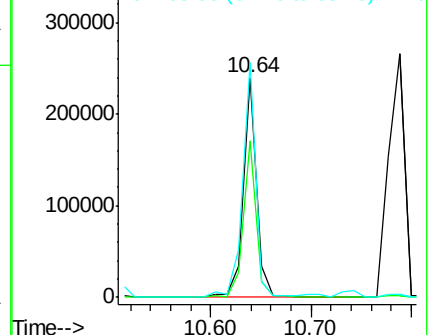
65 106.8 72.3 112.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 31.73 ng

RT: 10.74 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Tgt Ion:165 Resp: 160025

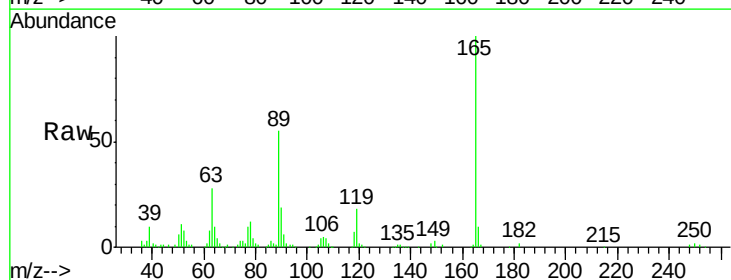
Ion Ratio Lower Upper

165 100

63 28.5 24.7 37.1

89 55.1 45.7 68.5

182 2.3 1.8 2.8

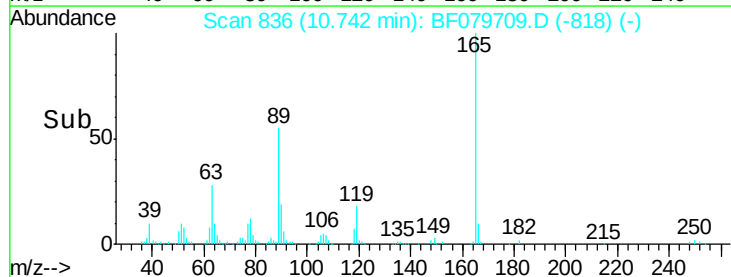
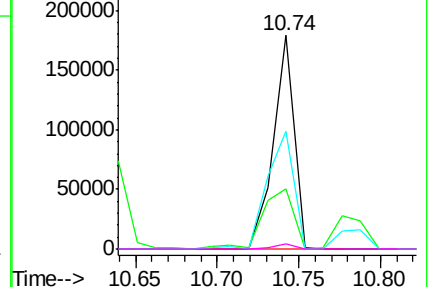


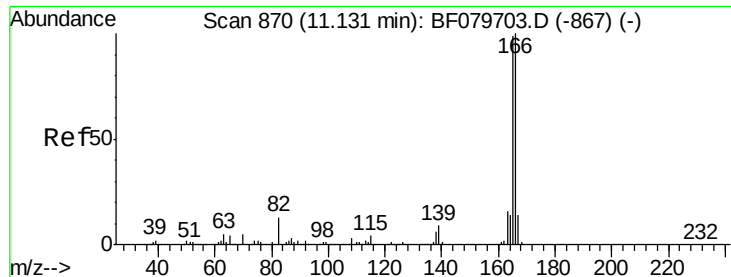
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

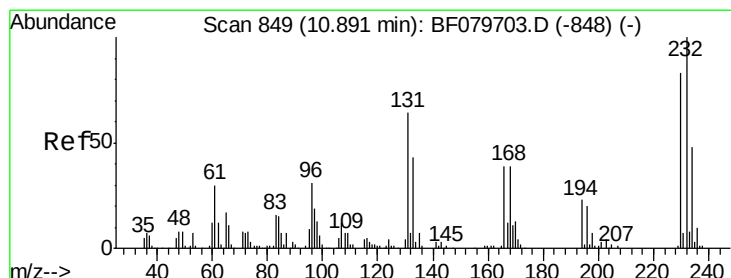
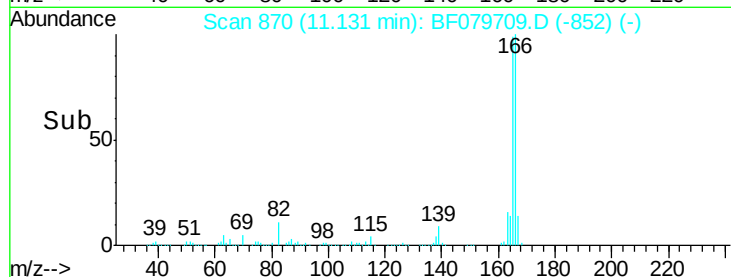
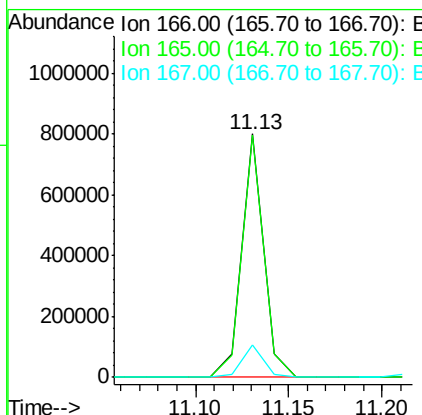
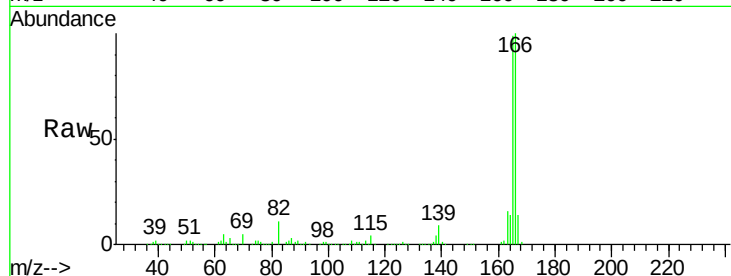




#57
 Fluorene
 Concen: 26.28 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

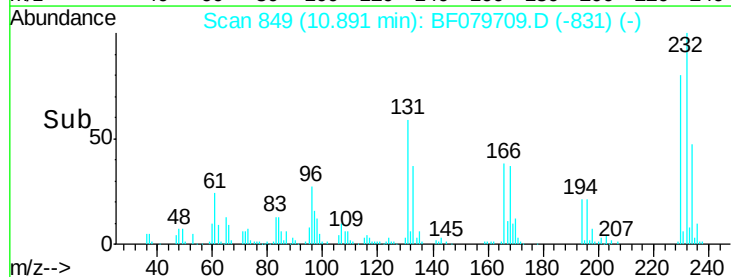
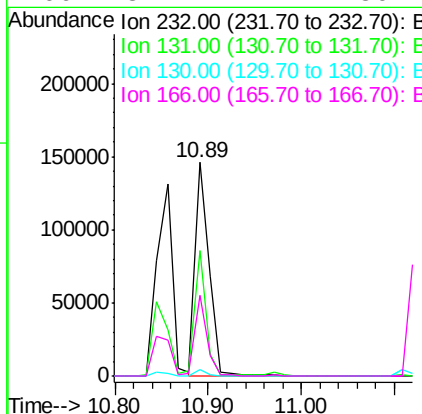
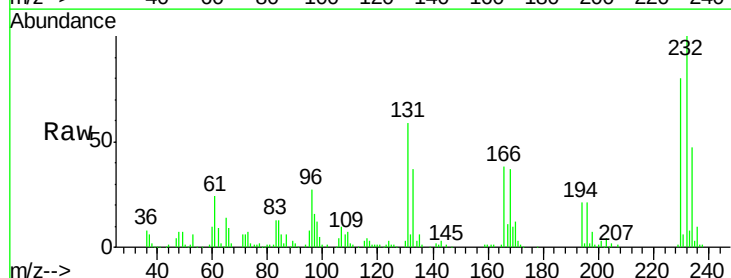
Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

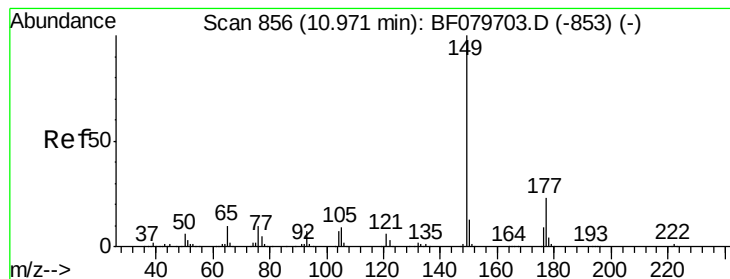
Tgt Ion:166 Resp: 654569
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.4 119.0
 167 13.5 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.32 ng
 RT: 10.89 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion:232 Resp: 153445
 Ion Ratio Lower Upper
 232 100
 131 47.8 36.5 54.7
 130 2.2 1.8 2.8
 166 32.4 24.2 36.4





#59

Diethylphthalate

Concen: 27.68 ng

RT: 10.97 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

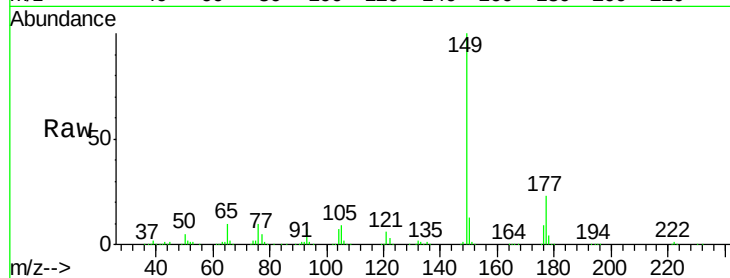
Tgt Ion:149 Resp: 663087

Ion Ratio Lower Upper

149 100

177 22.6 18.1 27.1

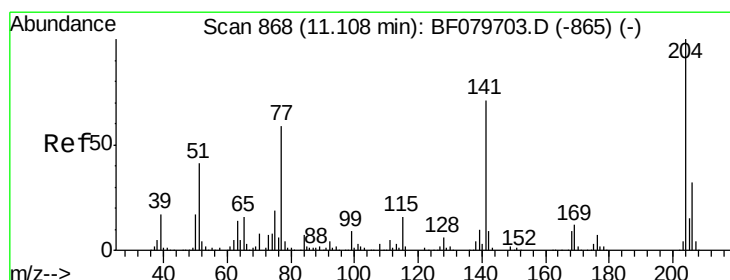
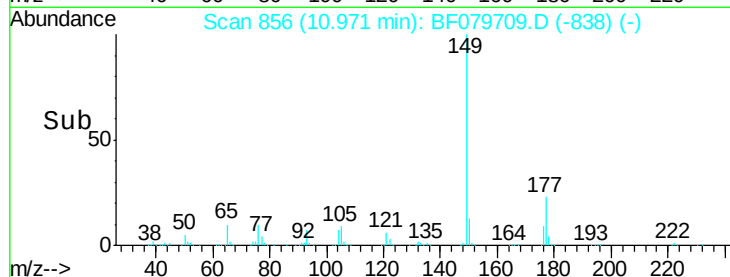
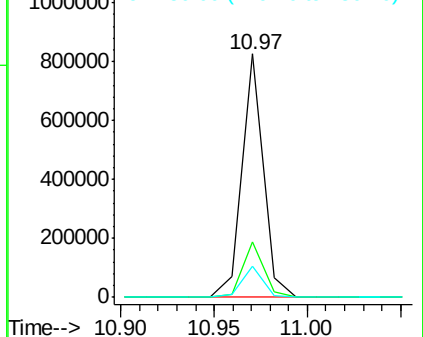
150 13.0 10.5 15.7



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: 27.56 ng

RT: 11.11 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

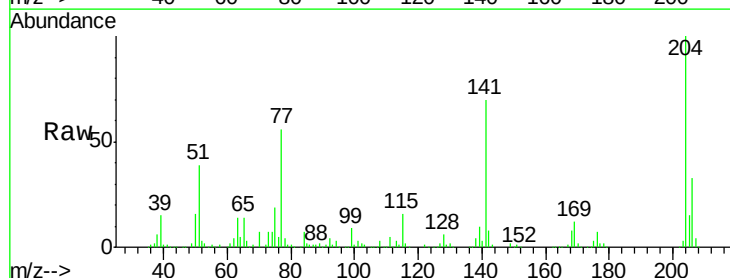
Tgt Ion:204 Resp: 302301

Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

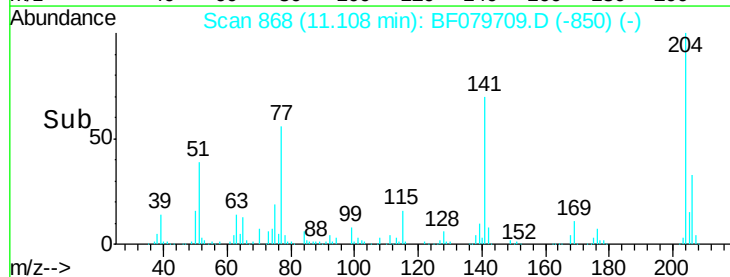
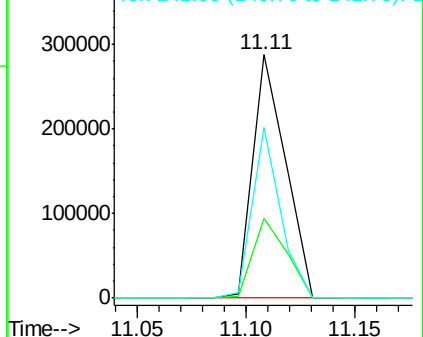
141 70.1 56.5 84.7

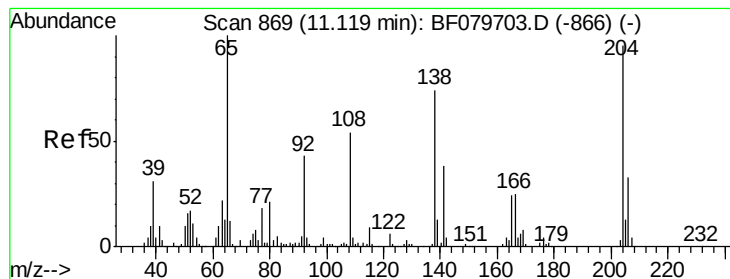


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 26.28 ng

RT: 11.12 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

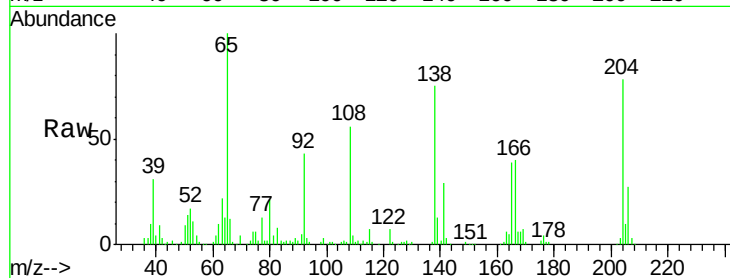
Tgt Ion:138 Resp: 131949

Ion Ratio Lower Upper

138 100

92 56.8 38.2 78.2

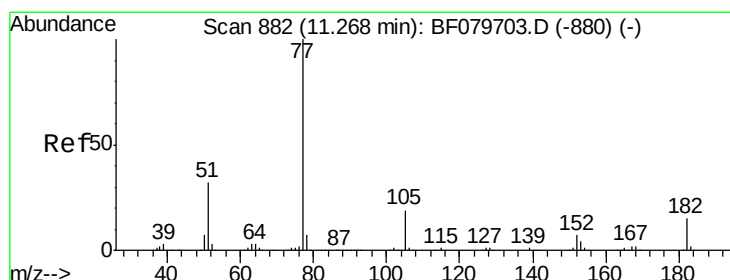
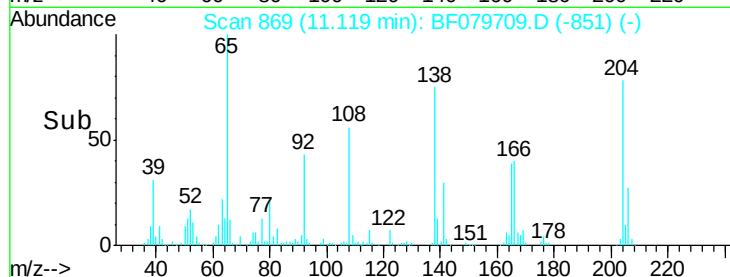
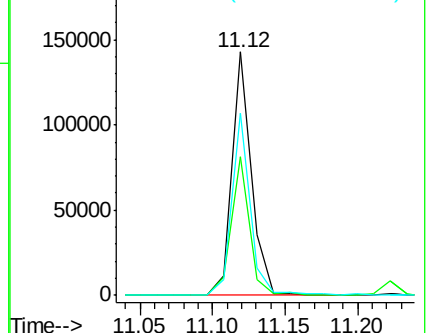
108 74.6 53.8 93.8



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: 25.99 ng

RT: 11.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Tgt Ion: 77 Resp: 592543

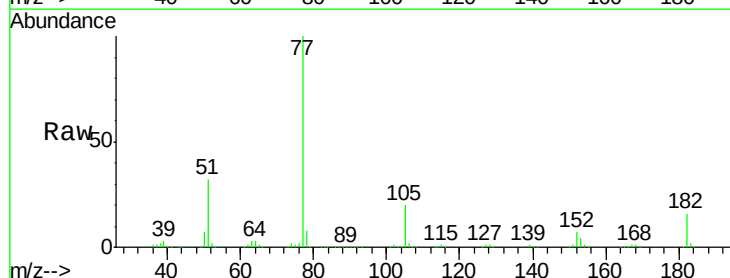
Ion Ratio Lower Upper

77 100

182 16.2 0.0 35.2

105 20.4 0.0 39.5

51 32.3 12.4 52.4

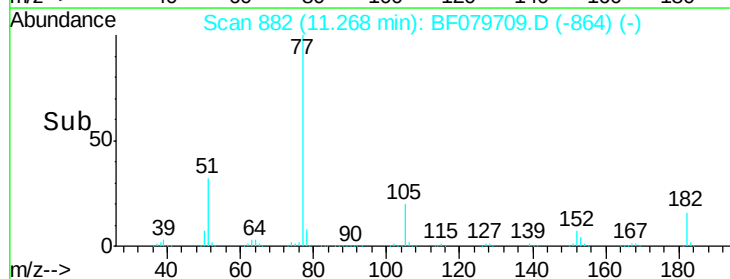
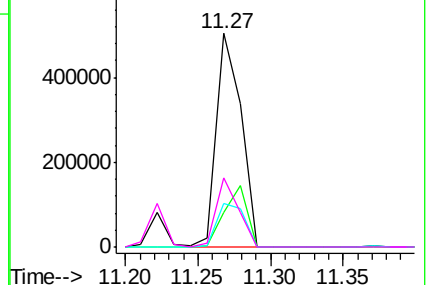


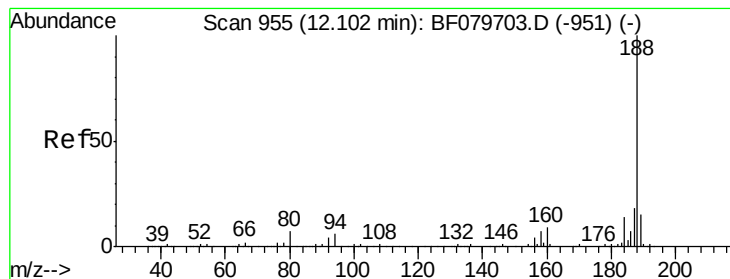
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.09 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

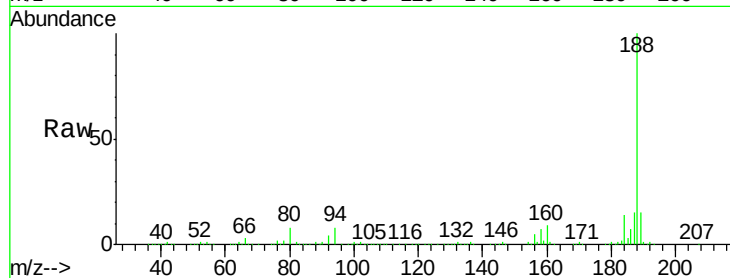
Tgt Ion:188 Resp: 651351

Ion Ratio Lower Upper

188 100

94 7.5 5.0 7.4#

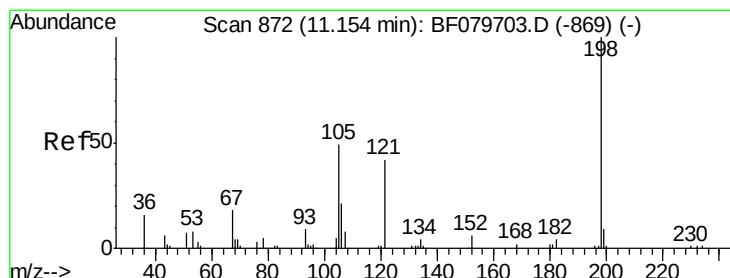
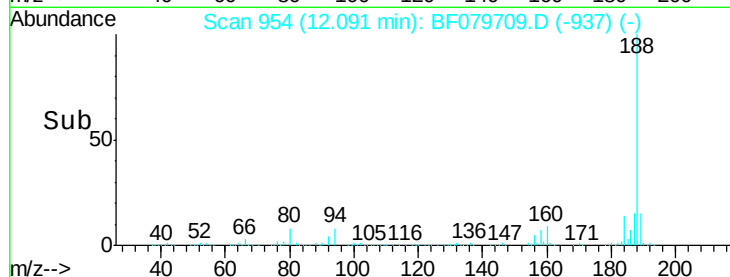
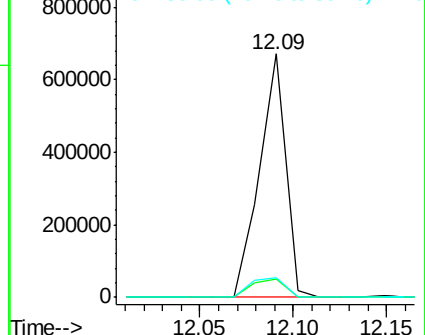
80 7.9 5.3 7.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.39 ng

RT: 11.15 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

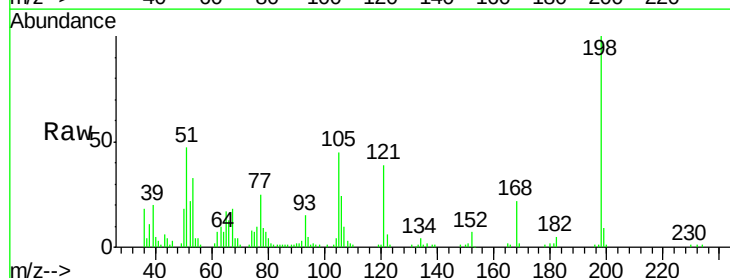
Tgt Ion:198 Resp: 50715

Ion Ratio Lower Upper

198 100

51 47.3 34.4 74.4

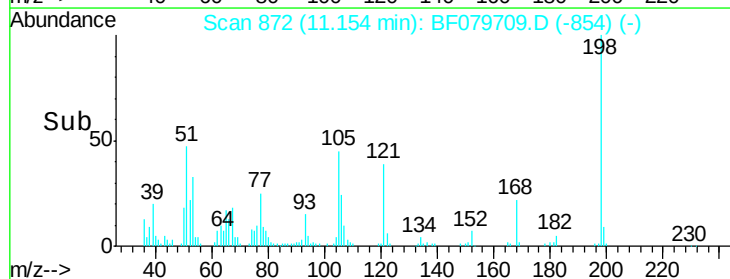
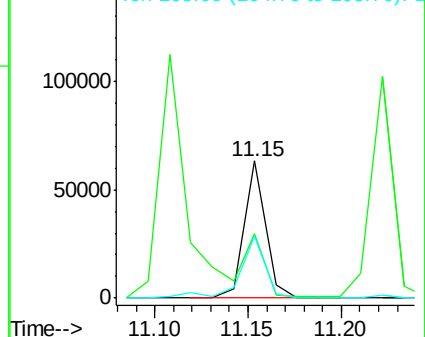
105 44.9 32.7 72.7

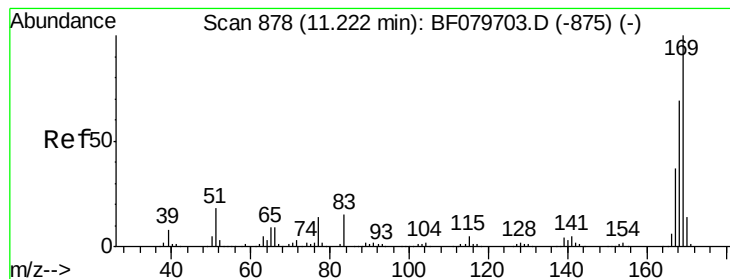


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

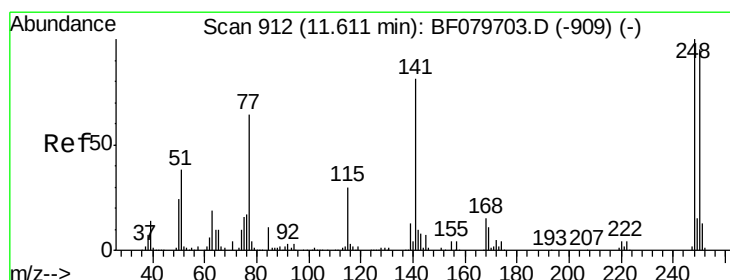
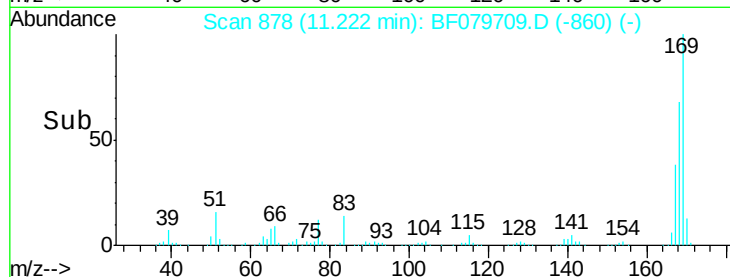
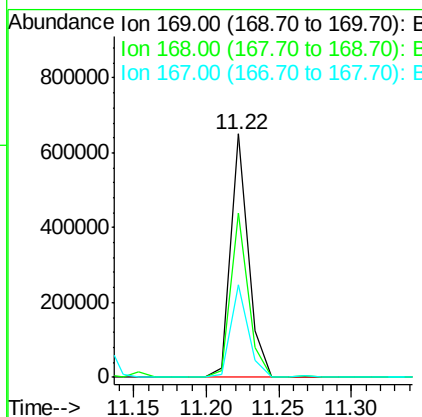
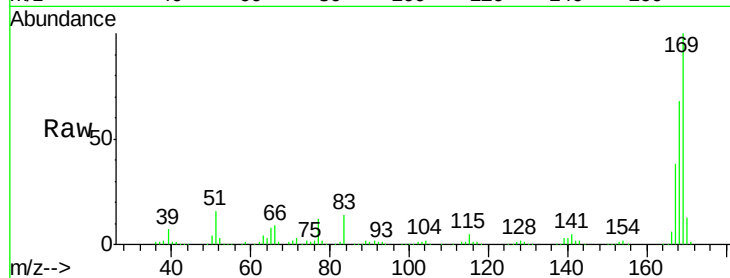




#65
 n-Nitrosodiphenylamine
 Concen: 26.89 ng
 RT: 11.22 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

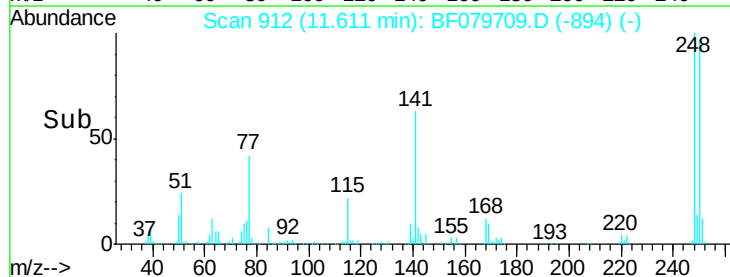
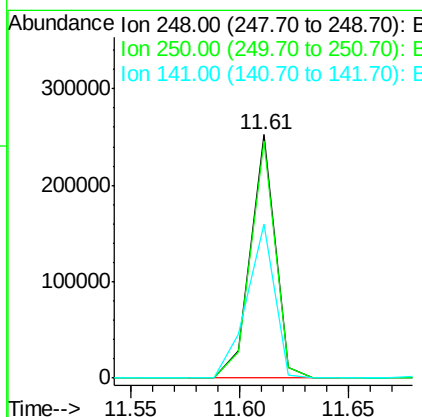
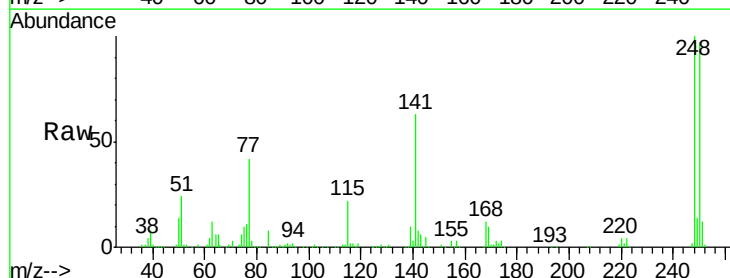
Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

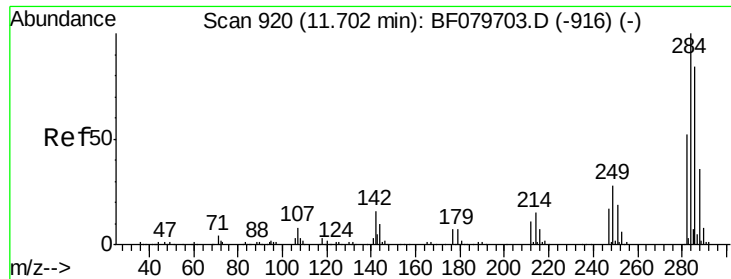
Tgt Ion:169 Resp: 550874
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.8 82.2
 167 38.3 29.7 44.5



#66
 4-Bromophenyl-phenylether
 Concen: 29.02 ng
 RT: 11.61 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion:248 Resp: 200136
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.1 114.1
 141 63.1 64.6 96.8#

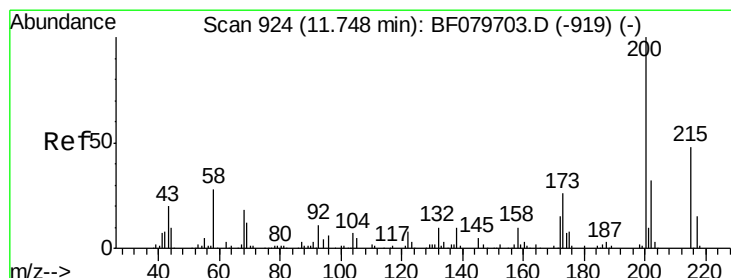
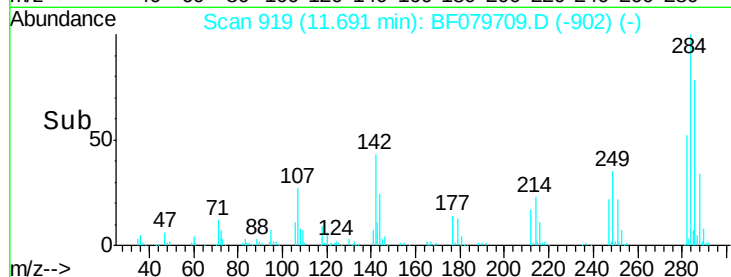
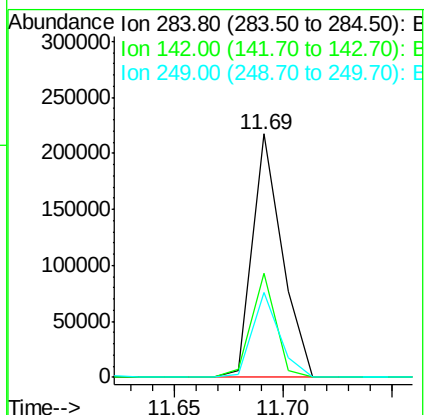
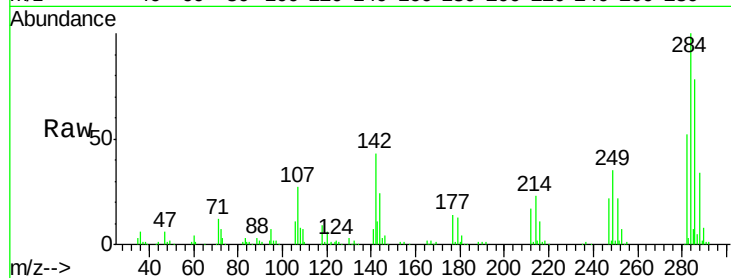




#67
Hexachlorobenzene
Concen: 26.39 ng
RT: 11.69 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

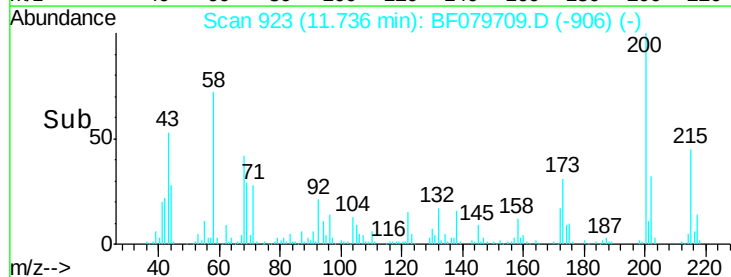
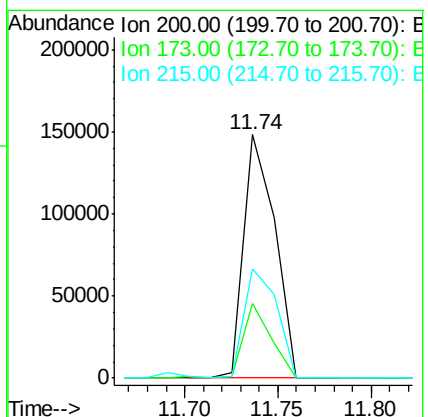
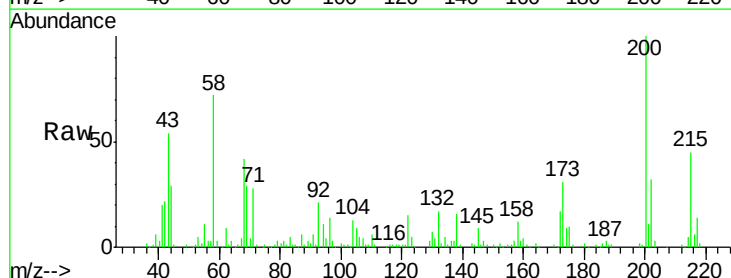
Instrument :
BNA_F
ClientSampleId :
PB83779BS

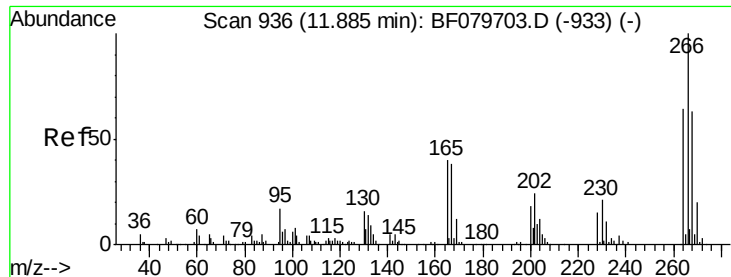
Tgt Ion:284 Resp: 205435
Ion Ratio Lower Upper
284 100
142 42.6 13.0 19.4#
249 34.9 22.3 33.5#



#68
Atrazine
Concen: 24.80 ng
RT: 11.74 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion:200 Resp: 170978
Ion Ratio Lower Upper
200 100
173 30.6 5.5 45.5
215 44.7 28.5 68.5

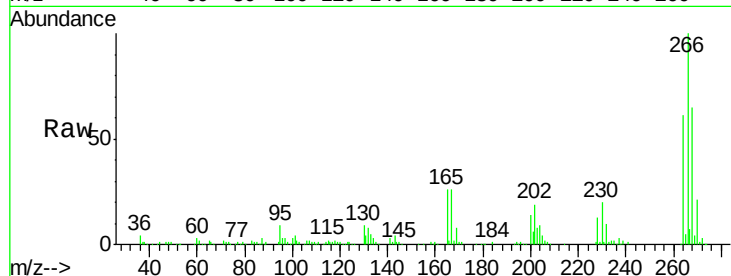




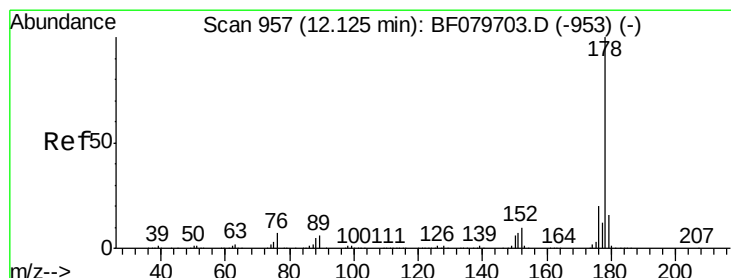
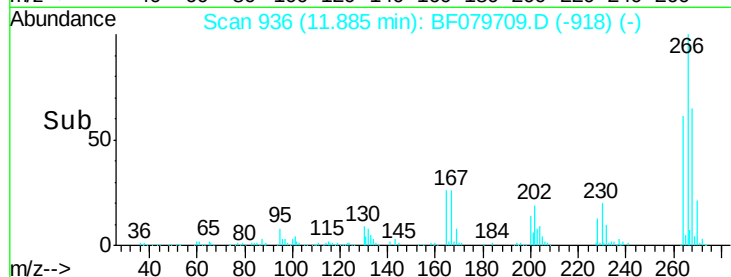
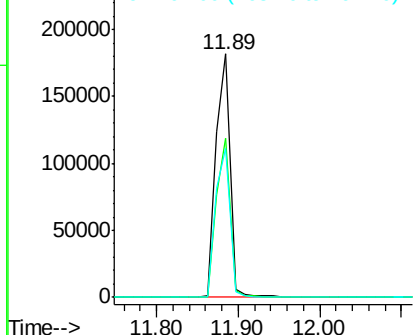
#69
 Pentachlorophenol
 Concen: 59.21 ng
 RT: 11.89 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

Tgt Ion: 266 Resp: 220450
 Ion Ratio Lower Upper
 266 100
 268 65.3 50.4 75.6
 264 61.3 51.3 76.9

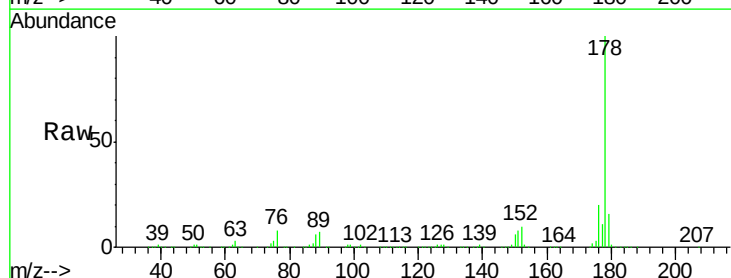


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

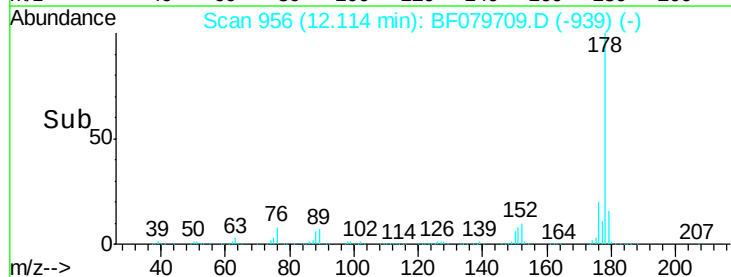
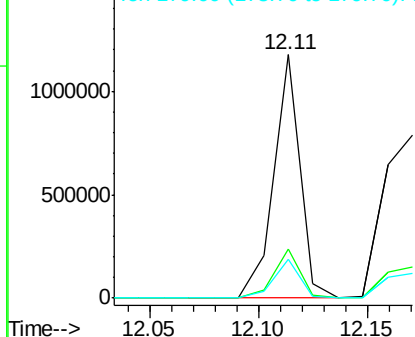


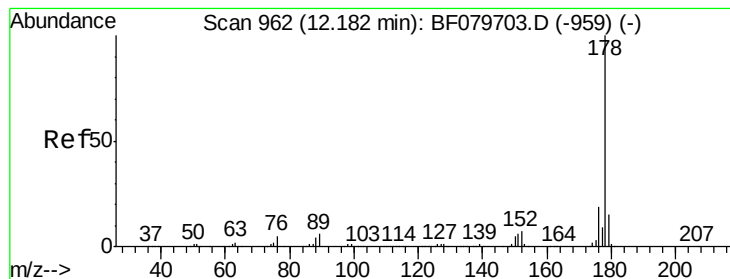
#70
 Phenanthrene
 Concen: 26.33 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion: 178 Resp: 997433
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 16.0 12.6 19.0



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: 26.62 ng

RT: 12.17 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

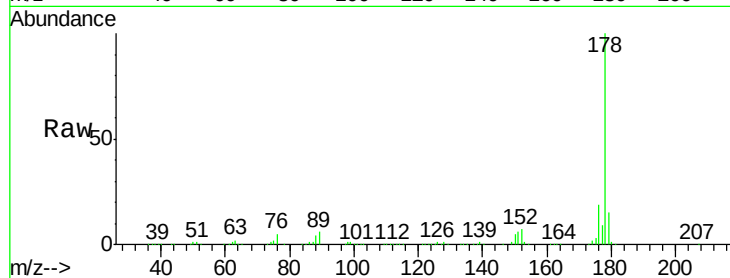
Tgt Ion:178 Resp: 998058

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

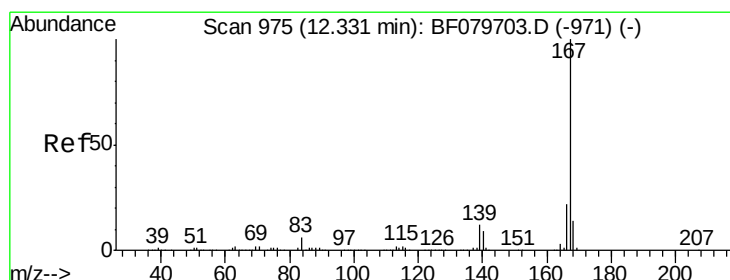
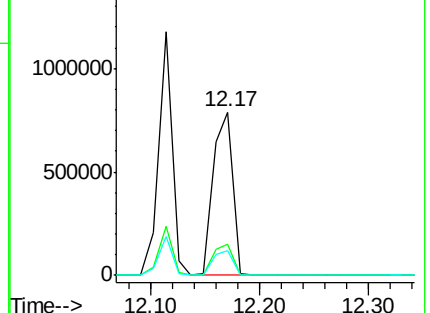
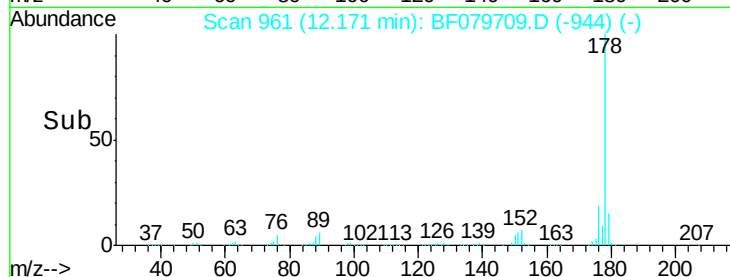
179 15.1 12.2 18.2



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: 25.88 ng

RT: 12.31 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

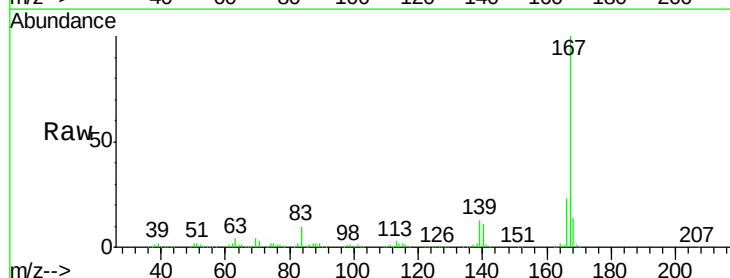
Tgt Ion:167 Resp: 904373

Ion Ratio Lower Upper

167 100

166 22.6 17.7 26.5

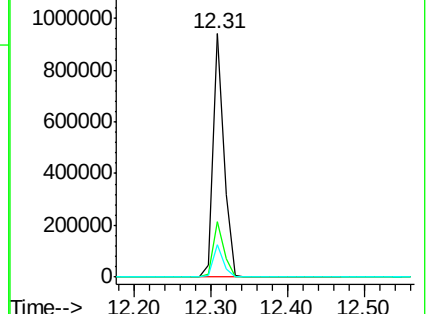
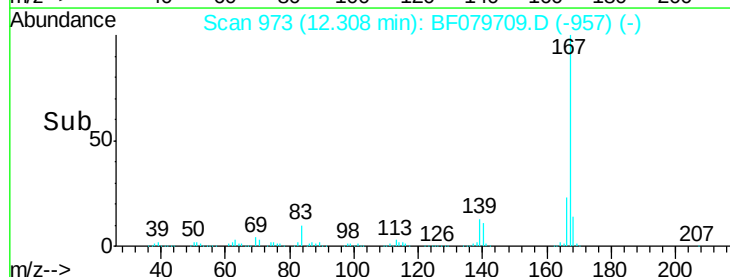
139 13.5 9.3 13.9

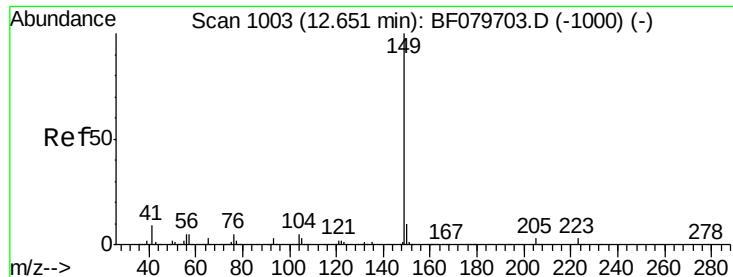


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 26.42 ng

RT: 12.63 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

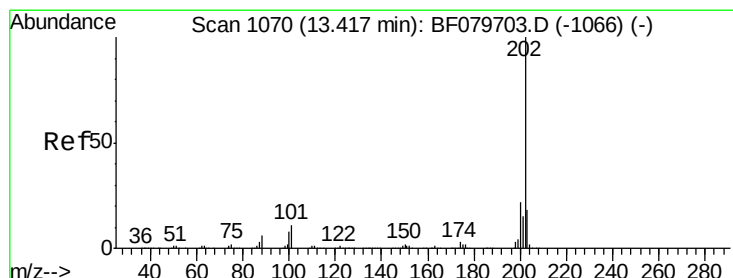
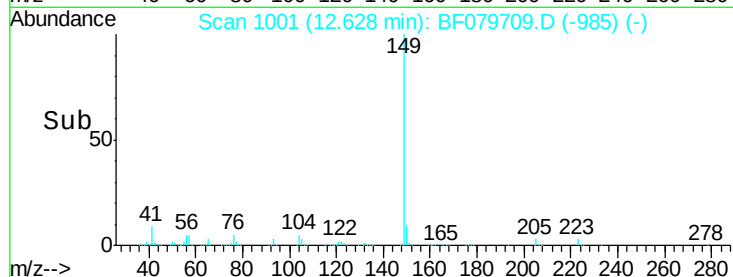
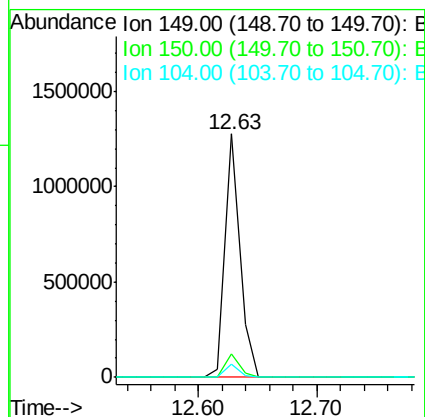
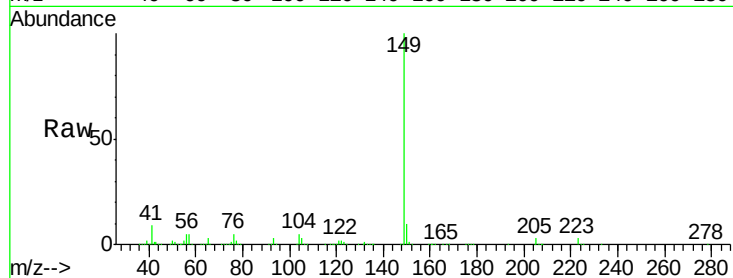
Tgt Ion:149 Resp: 1097910

Ion Ratio Lower Upper

149 100

150 9.7 9.8 14.8#

104 5.2 12.9 19.3#



#74

Fluoranthene

Concen: 27.38 ng

RT: 13.37 min Scan# 1066

Delta R.T. -0.05 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

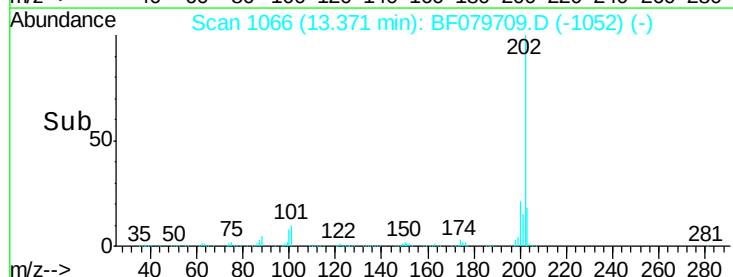
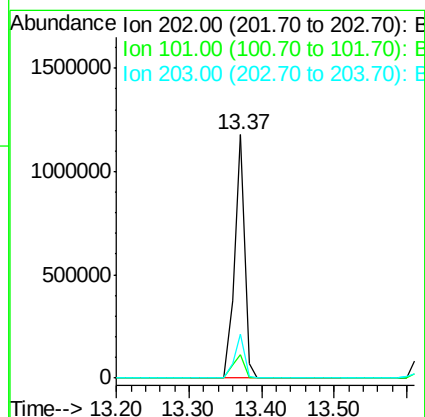
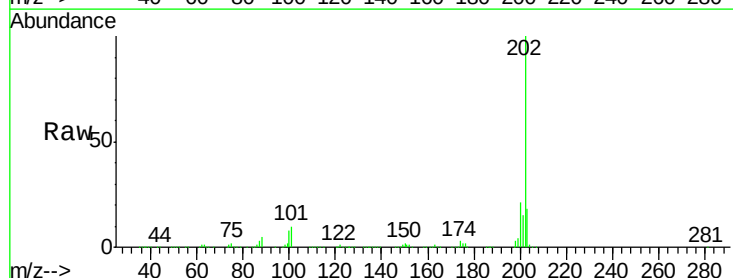
Tgt Ion:202 Resp: 1125148

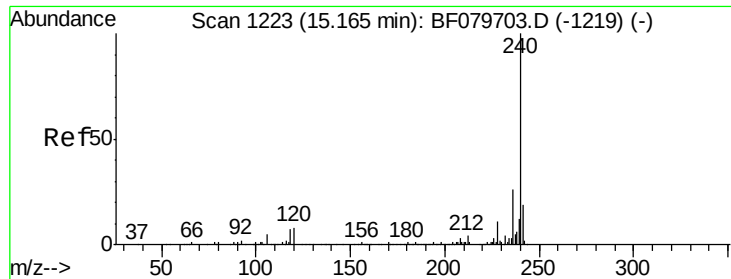
Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.3

203 18.3 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1211

Delta R.T. -0.14 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB83779BS

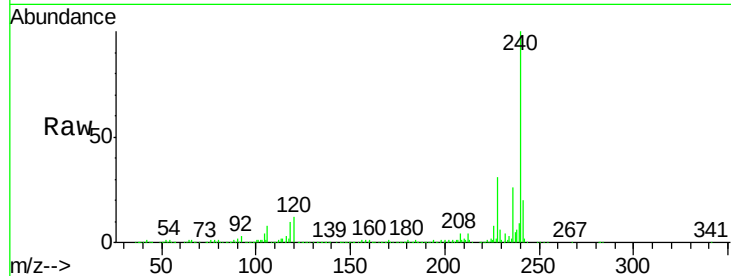
Tgt Ion:240 Resp: 703692

Ion Ratio Lower Upper

240 100

120 11.5 6.2 9.2#

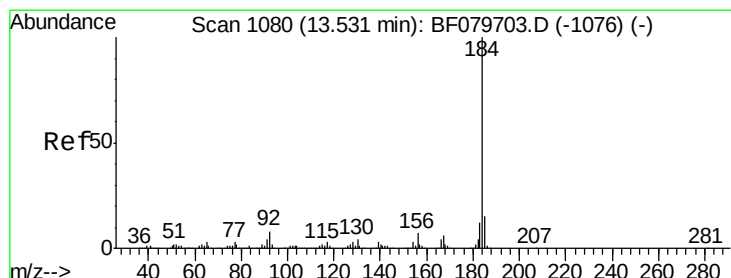
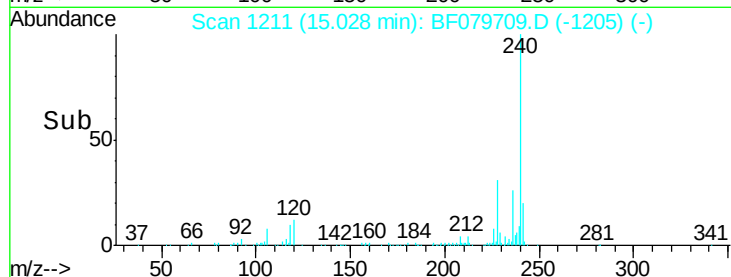
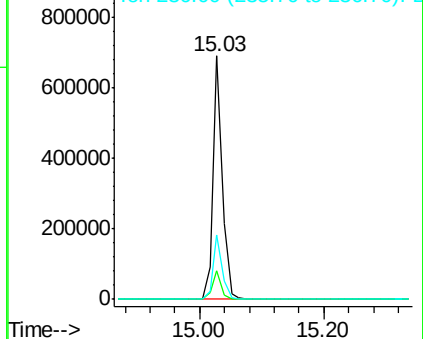
236 26.2 21.0 31.4



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: 32.25 ng

RT: 13.47 min Scan# 1075

Delta R.T. -0.06 min

Lab File: BF079709.D

Acq: 4 Jun 2015 18:38

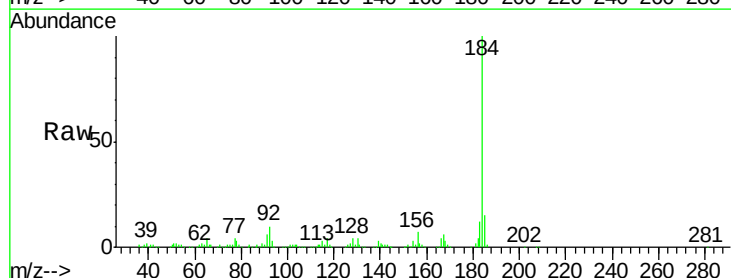
Tgt Ion:184 Resp: 683128

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

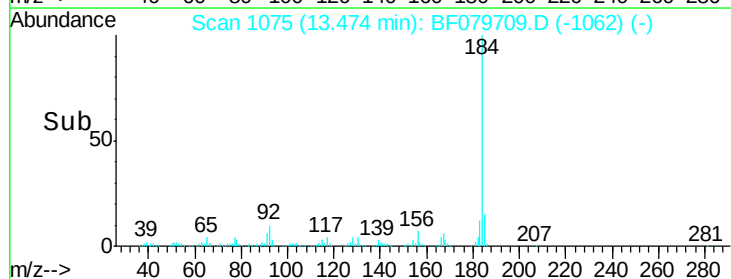
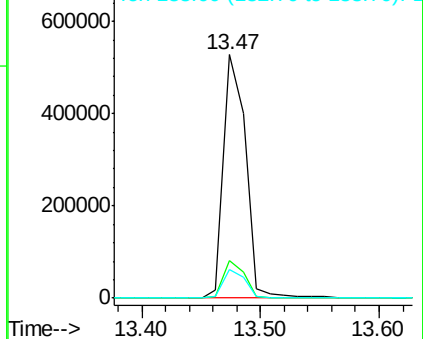
183 11.6 9.3 13.9

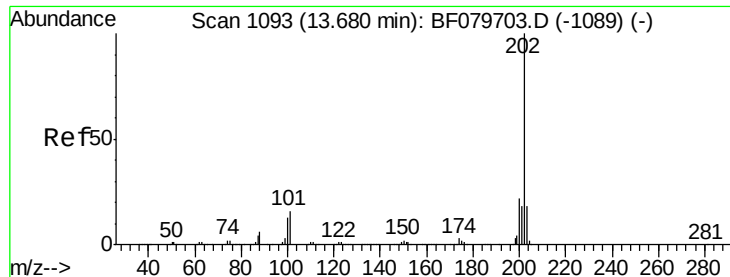


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

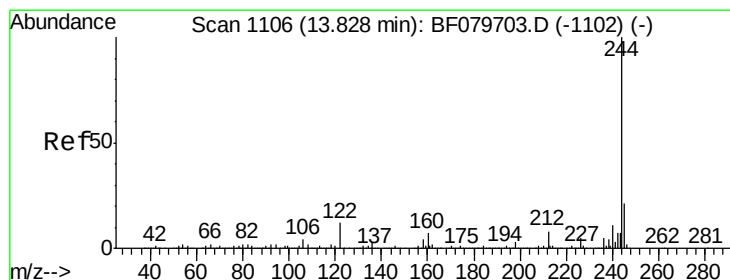
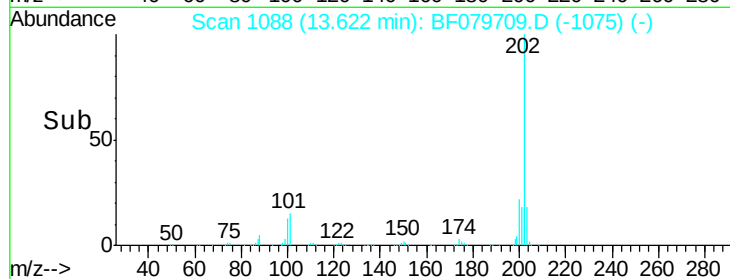
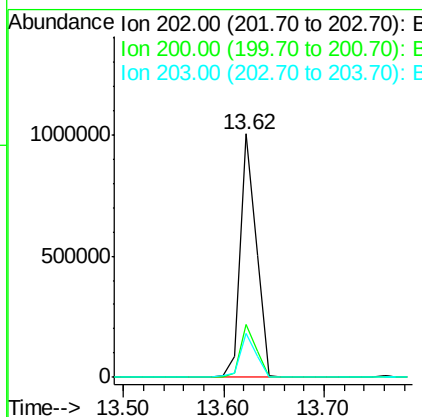
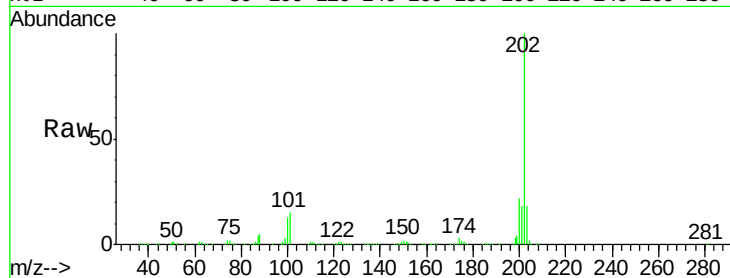




#77
 Pyrene
 Concen: 25.30 ng
 RT: 13.62 min Scan# 1088
 Delta R.T. -0.06 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

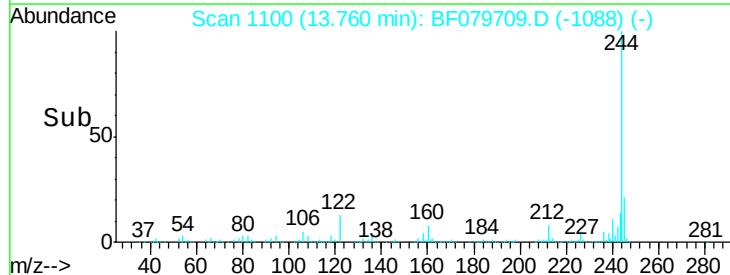
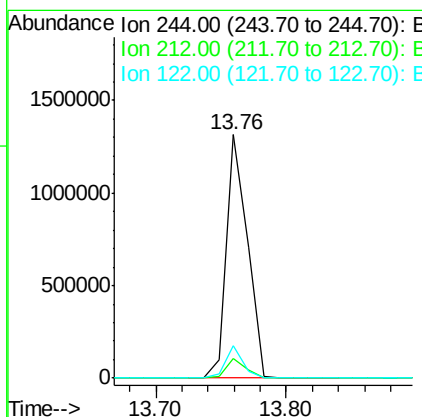
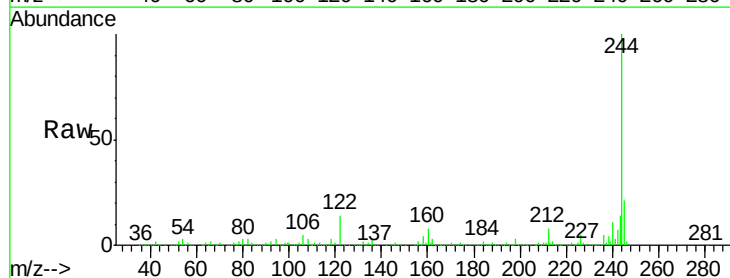
Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

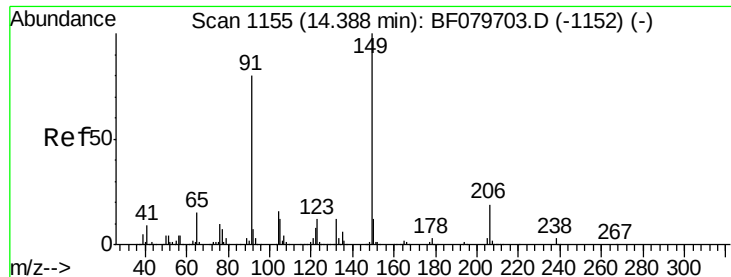
Tgt Ion: 202 Resp: 1106185
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.5 26.3
 203 18.2 14.8 22.2



#78
 Terphenyl-d14
 Concen: 49.24 ng
 RT: 13.76 min Scan# 1100
 Delta R.T. -0.07 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion: 244 Resp: 1470700
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 13.5 9.3 13.9

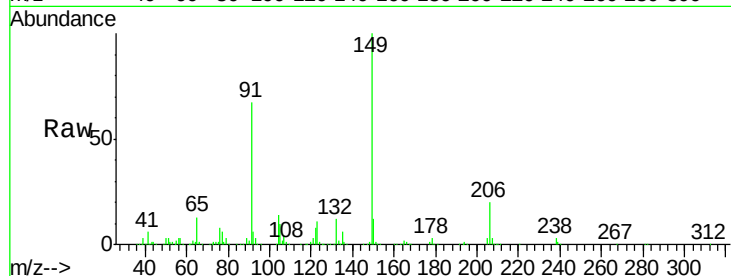




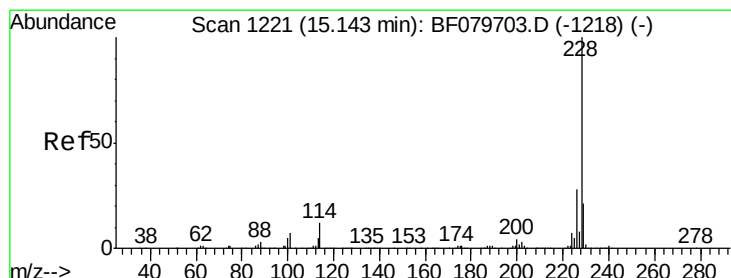
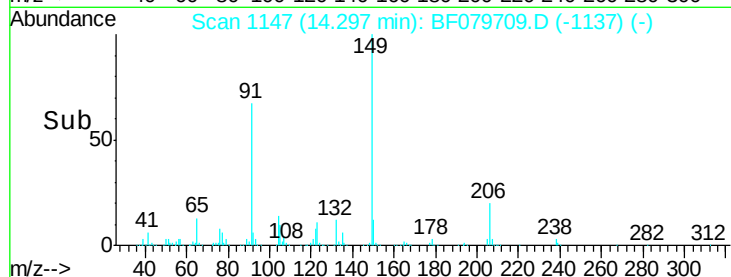
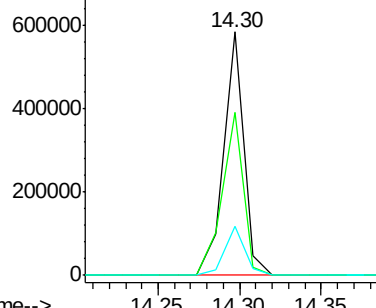
#79
Butylbenzylphthalate
Concen: 29.77 ng
RT: 14.30 min Scan# 1147
Delta R.T. -0.09 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Instrument :
BNA_F
ClientSampleId :
PB83779BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	64.4	96.6
206	20.3	14.8	22.2

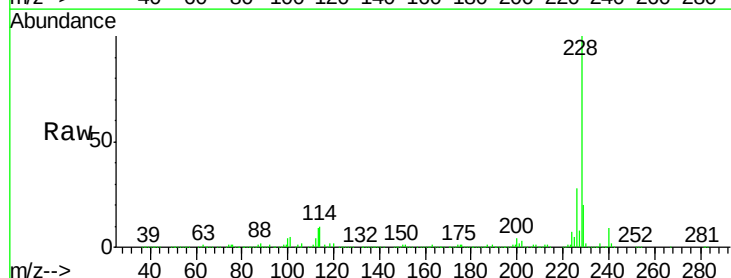


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

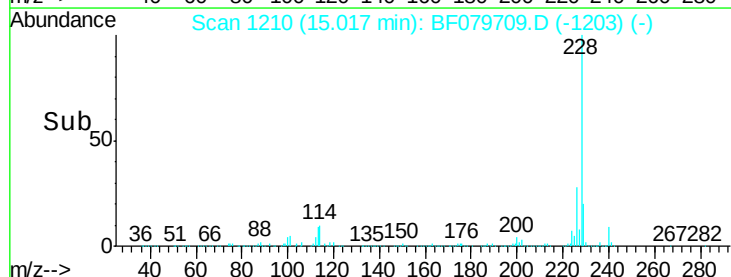
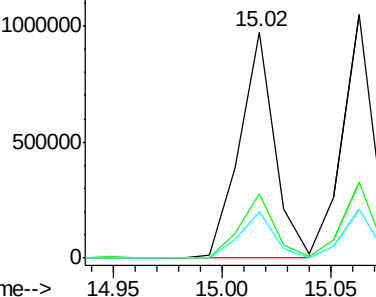


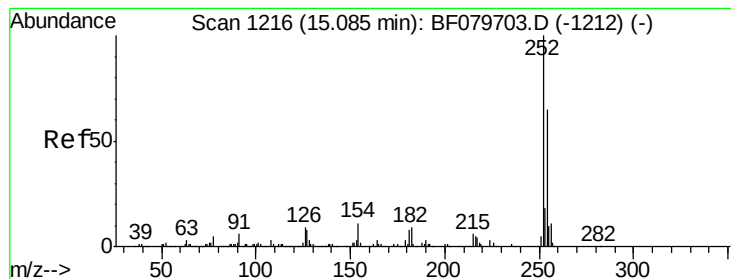
#80
Benzo(a)anthracene
Concen: 25.57 ng
RT: 15.02 min Scan# 1210
Delta R.T. -0.13 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.2	33.4
229	20.3	16.6	25.0



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

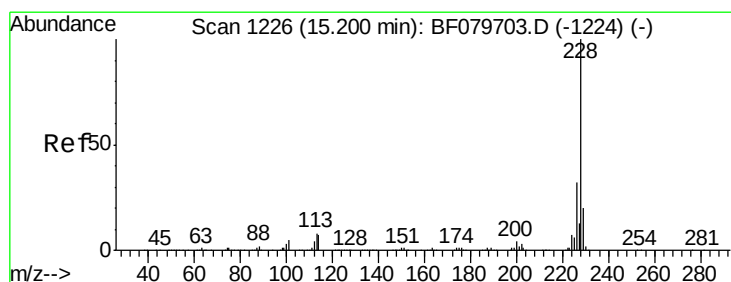
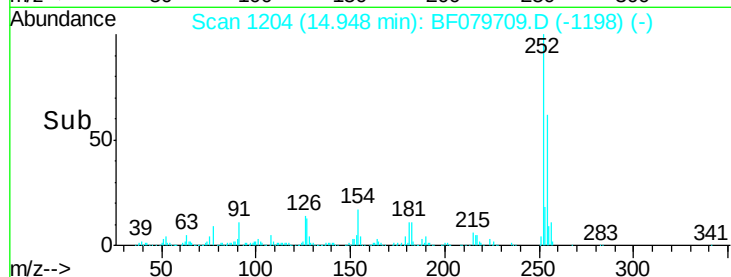
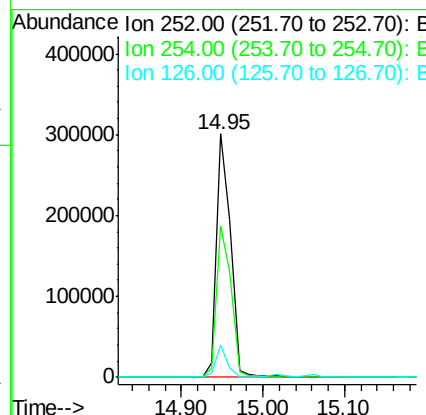
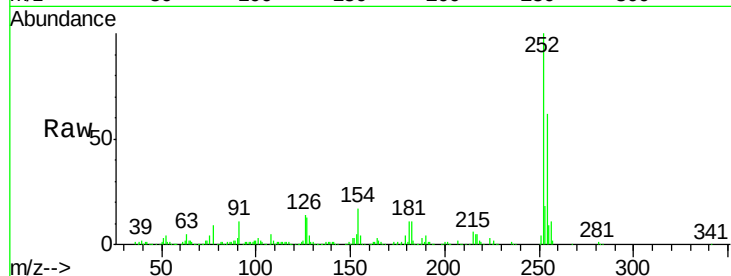




#81
 3,3'-Dichlorobenzidine
 Concen: 24.89 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.14 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

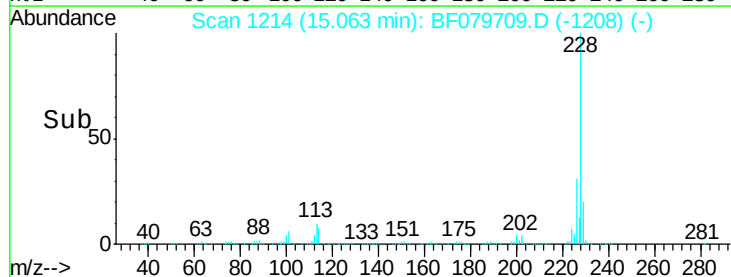
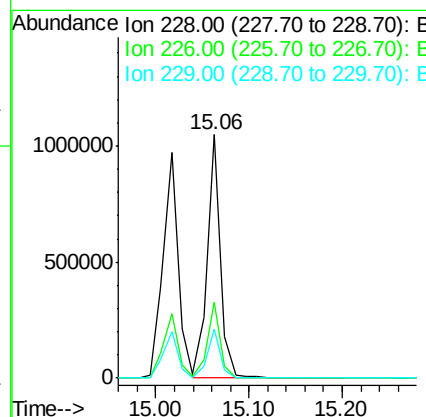
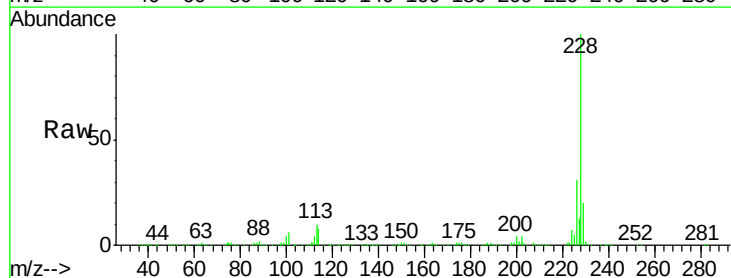
Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

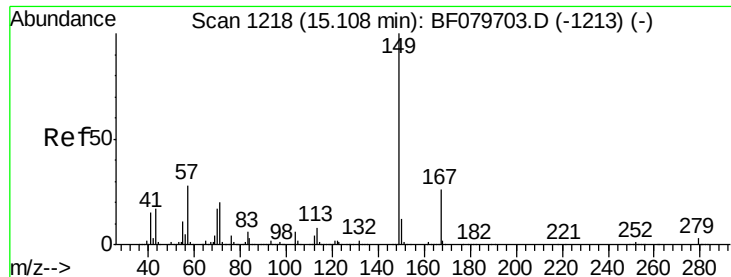
Tgt Ion:252 Resp: 368359
 Ion Ratio Lower Upper
 252 100
 254 62.3 52.0 78.0
 126 13.5 6.9 10.3#



#82
 Chrysene
 Concen: 25.93 ng
 RT: 15.06 min Scan# 1214
 Delta R.T. -0.14 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion:228 Resp: 1043773
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.2 37.8
 229 20.2 16.2 24.4

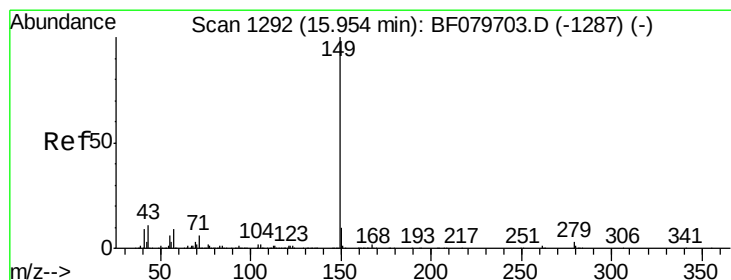
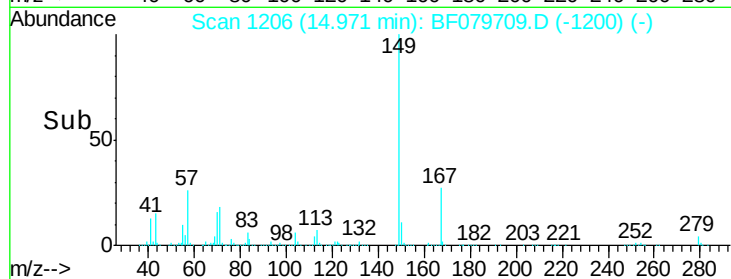
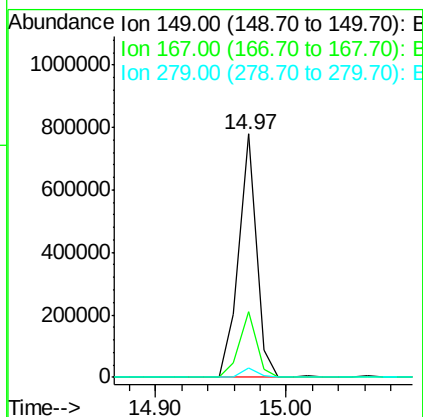
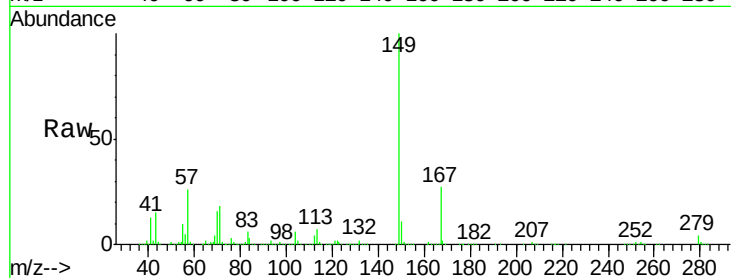




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.03 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. -0.14 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

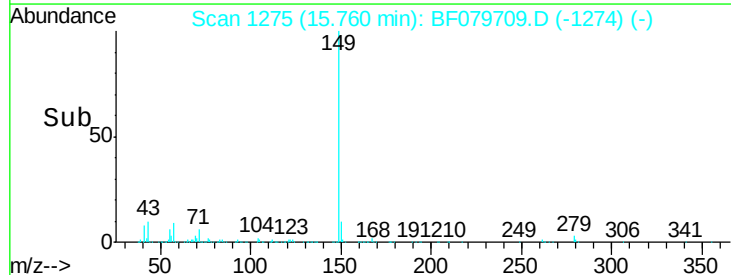
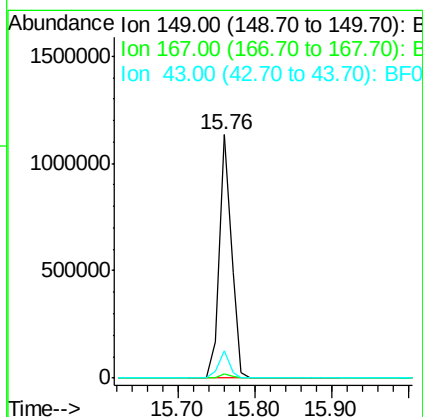
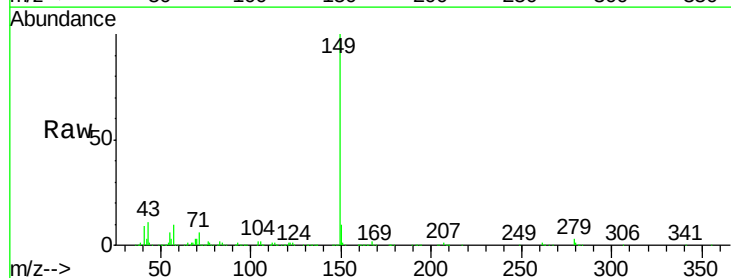
Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

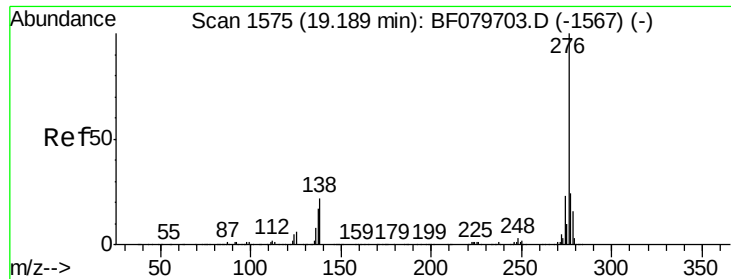
Tgt Ion:149 Resp: 741407
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.9 31.3
 279 3.7 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 28.30 ng
 RT: 15.76 min Scan# 1275
 Delta R.T. -0.19 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion:149 Resp: 1256320
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.4 9.0 13.4

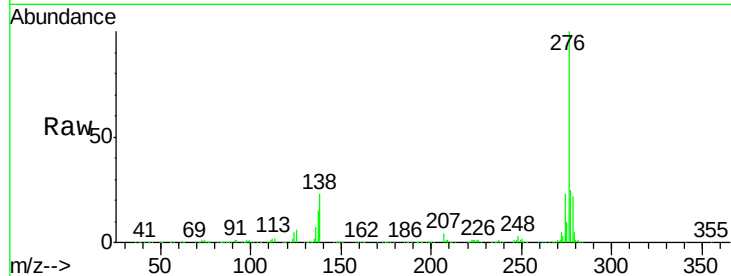




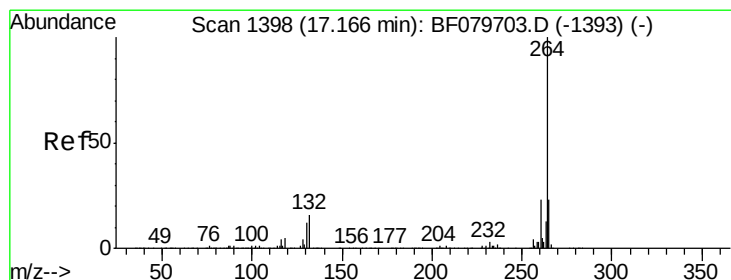
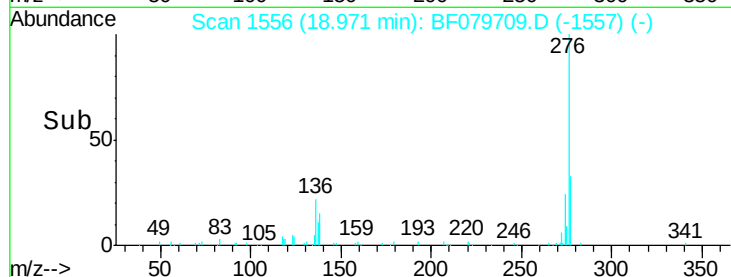
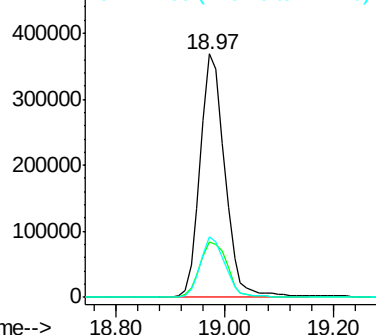
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.56 ng
 RT: 18.97 min Scan# 1556
 Delta R.T. -0.22 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

Tgt Ion: 276 Resp: 1161462
 Ion Ratio Lower Upper
 276 100
 138 26.0 20.8 31.2
 277 25.1 20.0 30.0

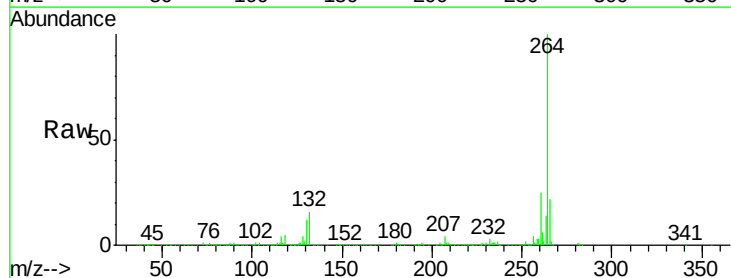


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

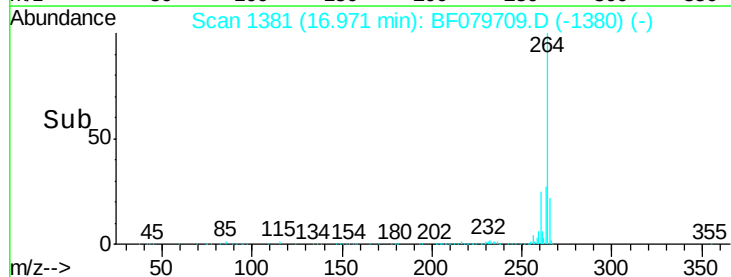
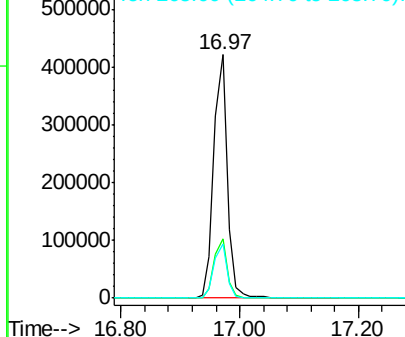


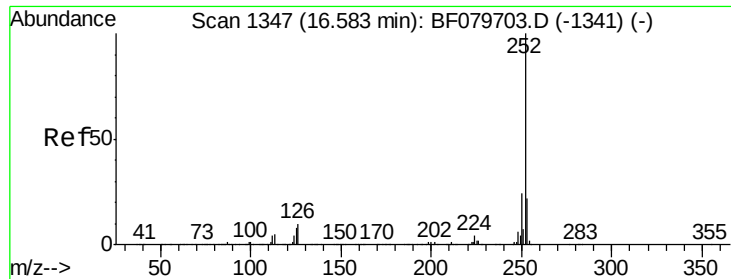
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.97 min Scan# 1381
 Delta R.T. -0.19 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Tgt Ion: 264 Resp: 669475
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 27.8
 265 22.1 18.2 27.4



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

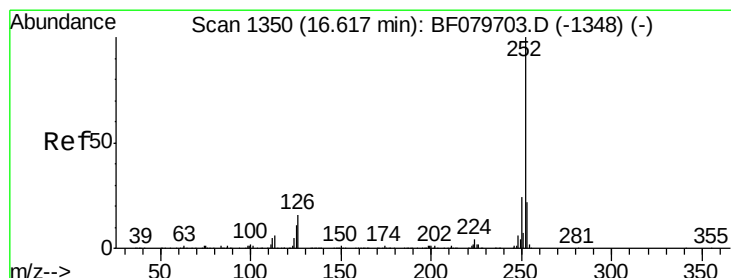
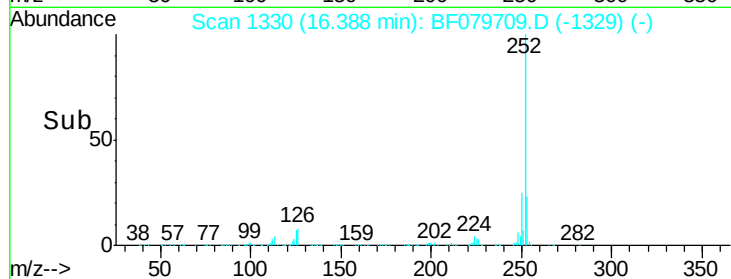
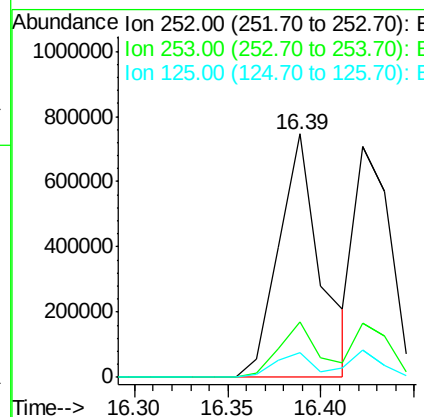
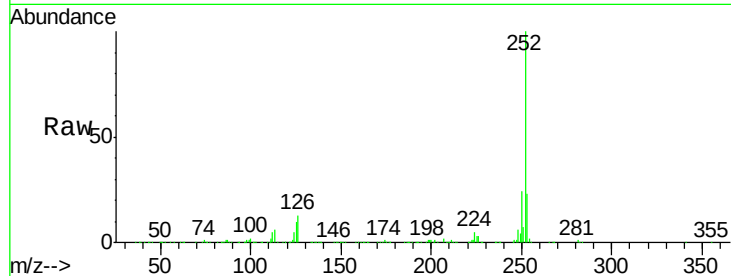




#87
Benzo(b)fluoranthene
Concen: 26.80 ng
RT: 16.39 min Scan# 1330
Delta R.T. -0.19 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

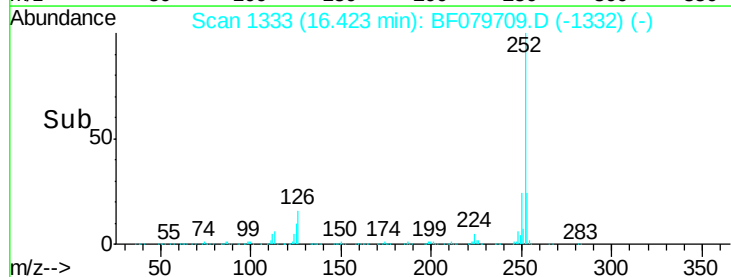
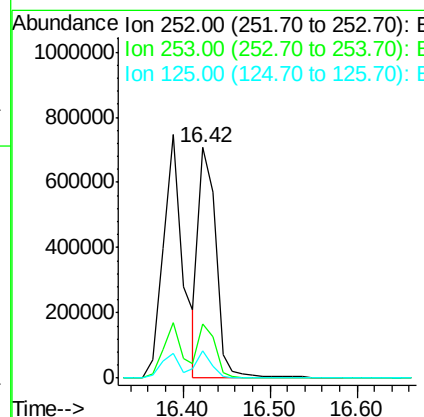
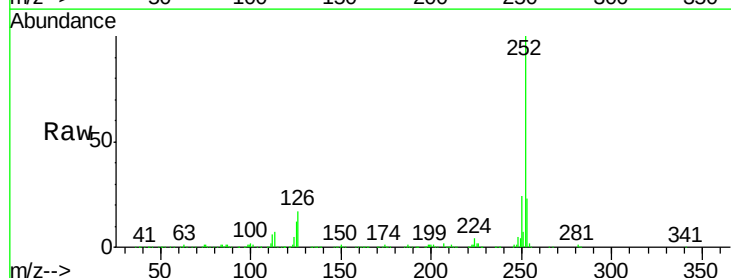
Instrument :
BNA_F
ClientSampleId :
PB83779BS

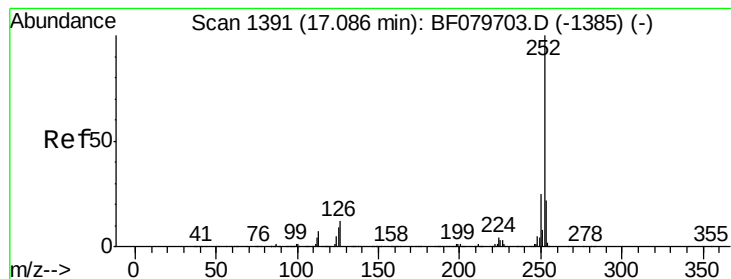
Tgt Ion:252 Resp: 1157378
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 10.1 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 23.32 ng
RT: 16.42 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion:252 Resp: 961064
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.6 8.4 12.6

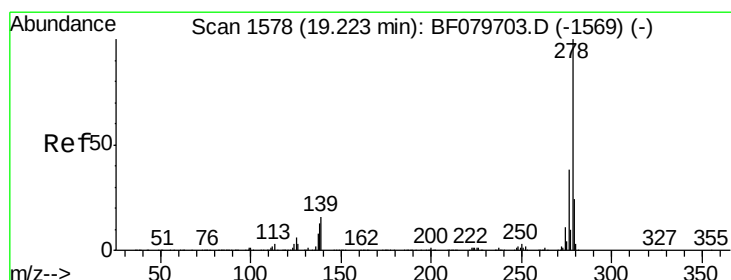
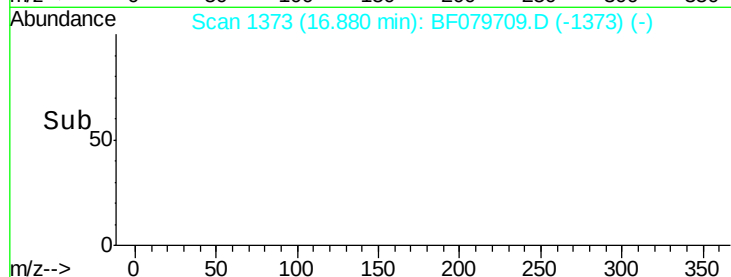
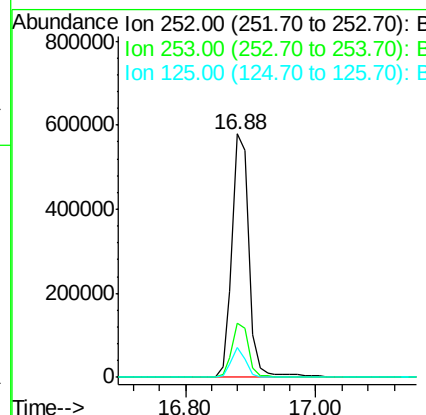
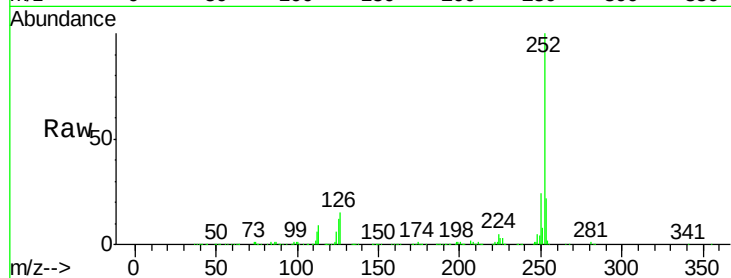




#89
Benzo(a)pyrene
Concen: 26.40 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.21 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

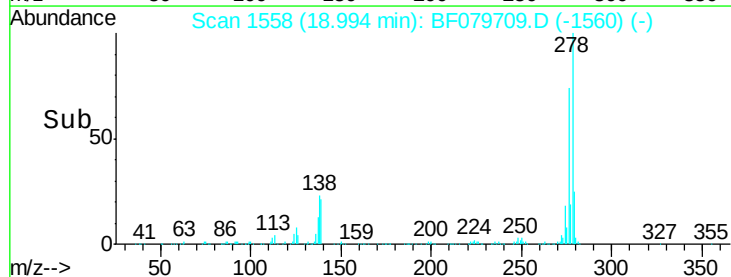
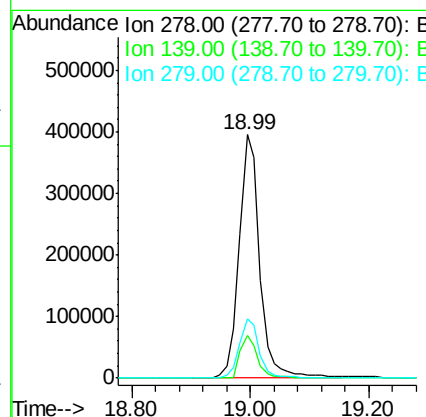
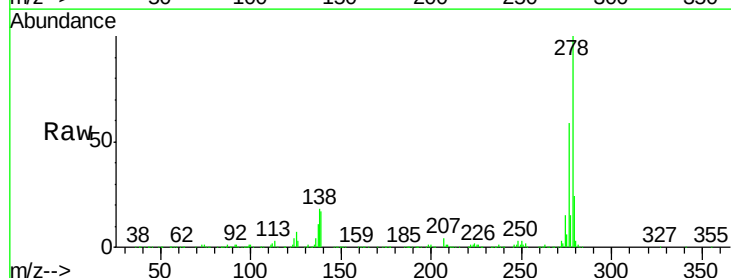
Instrument :
BNA_F
ClientSampleId :
PB83779BS

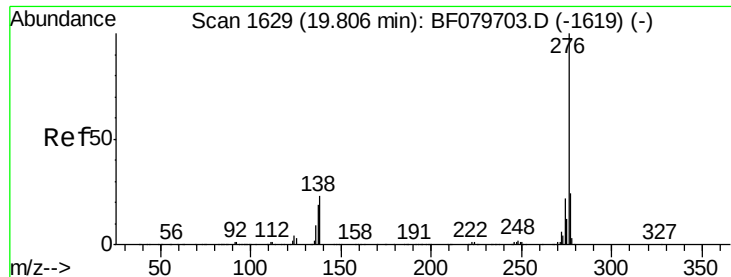
Tgt Ion:252 Resp: 1041531
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 12.1 7.4 11.0#



#90
Dibenzo(a,h)anthracene
Concen: 26.09 ng
RT: 18.99 min Scan# 1558
Delta R.T. -0.23 min
Lab File: BF079709.D
Acq: 4 Jun 2015 18:38

Tgt Ion:278 Resp: 950909
Ion Ratio Lower Upper
278 100
139 17.4 12.7 19.1
279 24.3 19.4 29.2

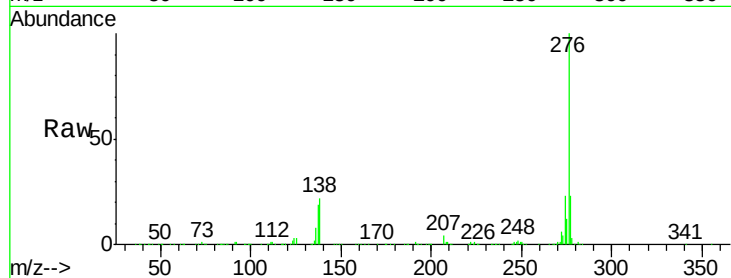




#91
 Benzo(g,h,i)perylene
 Concen: 25.78 ng
 RT: 19.59 min Scan# 1610
 Delta R.T. -0.22 min
 Lab File: BF079709.D
 Acq: 4 Jun 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.8	18.2	27.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

