

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077710.D
 Acq On : 12 Mar 2015 3:11
 Operator : TP/IZ
 Sample : G1474-06
 Misc : W
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Mar 12 06:06:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

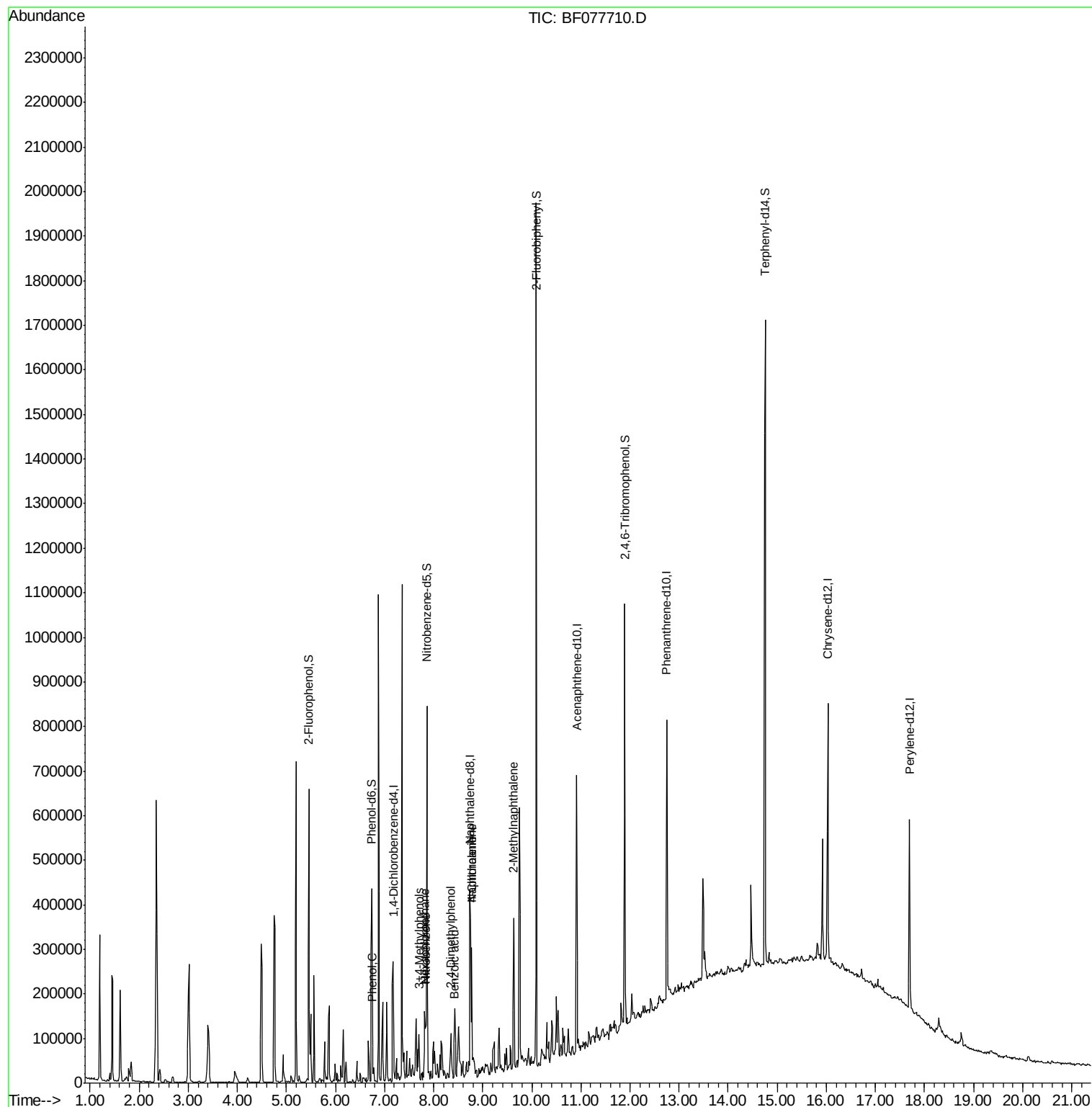
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	58116	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	241725	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	127241	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	240942	20.00	ng	0.00
75) Chrysene-d12	16.03	240	249592	20.00	ng	0.00
86) Perylene-d12	17.70	264	245250	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	179335	53.86	ng	0.00
7) Phenol-d6	6.74	99	199474	48.49	ng	0.00
23) Nitrobenzene-d5	7.86	82	264388	71.70	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	125833	103.36	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	603403	69.69	ng	0.00
78) Terphenyl-d14	14.75	244	689266	67.46	ng	0.00
Target Compounds						
10) Phenol	6.75	94	9739	2.00	ng	Qvalue 79
18) Hexachloroethane	7.82	117	7962	5.30	ng	# 15
20) 3+4-Methylphenols	7.70	107	22954	5.42	ng	92
24) Nitrobenzene	7.84	77	8268	2.08	ng	# 46
27) 2,4-Dimethylphenol	8.35	122	22319	6.30	ng	96
31) Naphthalene	8.77	128	138652	11.17	ng	99
32) Benzoic acid	8.42	122	784	3.46	ng	# 1
33) 4-Chloroaniline	8.77	127	12941	2.57	ng	# 38
37) 2-Methylnaphthalene	9.63	142	98435	11.80	ng	99
76) Benzidine	14.42	184	970	Below Cal	#	1

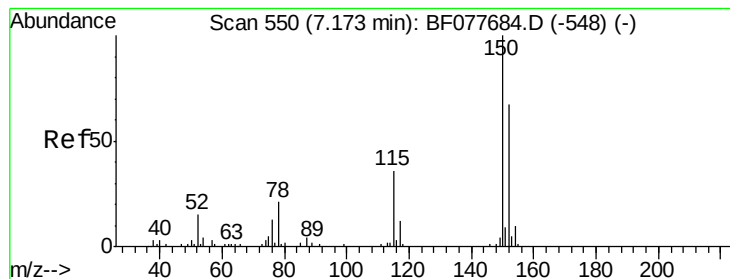
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Instrument :

BNA_F

ClientSampleId :

MW-9

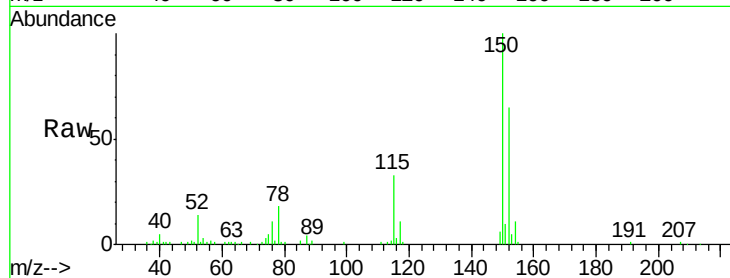
Tgt Ion:152 Resp: 58116

Ion Ratio Lower Upper

152 100

150 154.9 119.5 179.3

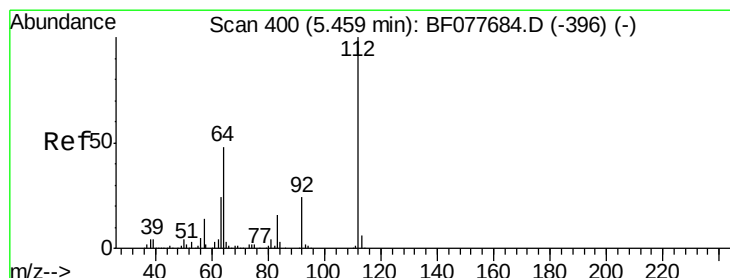
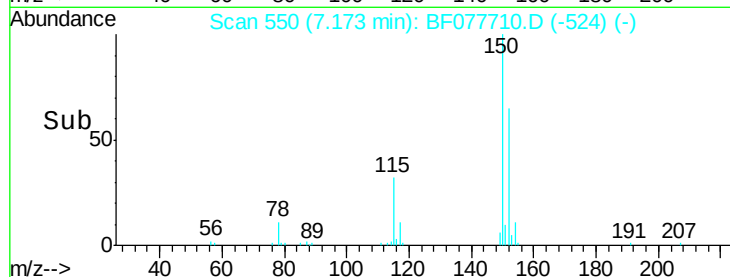
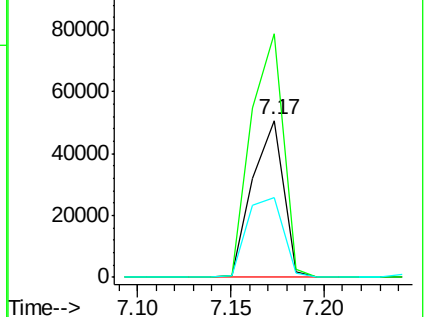
115 50.5 43.0 64.4



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



#5

2-Fluorophenol

Concen: 53.86 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

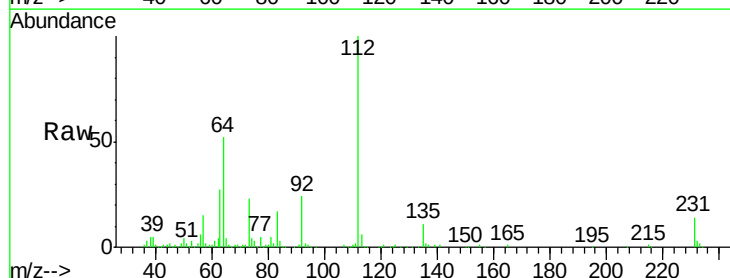
Tgt Ion:112 Resp: 179335

Ion Ratio Lower Upper

112 100

64 52.4 38.6 57.8

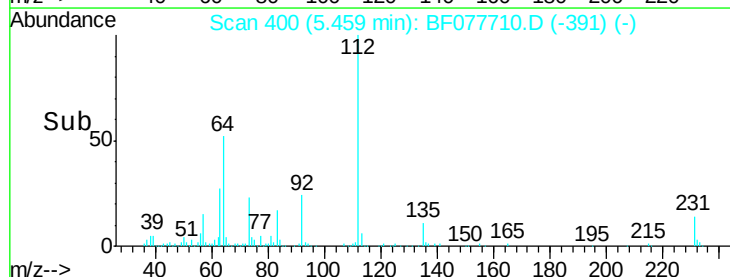
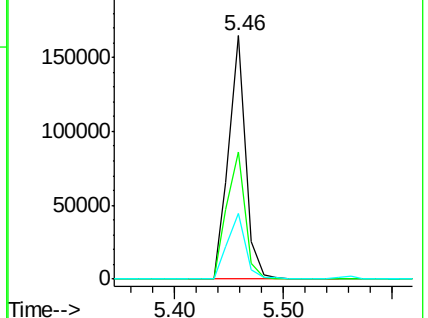
63 26.9 19.3 28.9

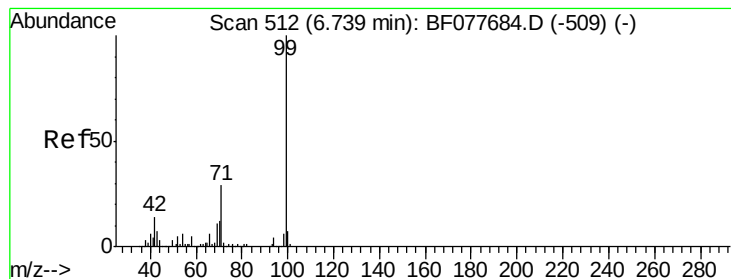


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.49 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Instrument :

BNA_F

ClientSampleId :

MW-9

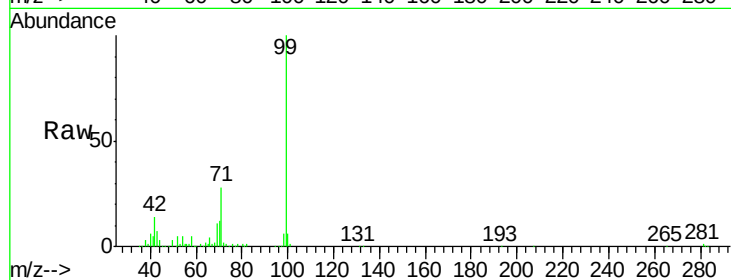
Tgt Ion: 99 Resp: 199474

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.4

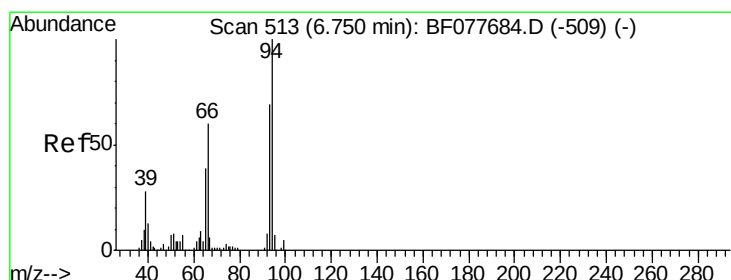
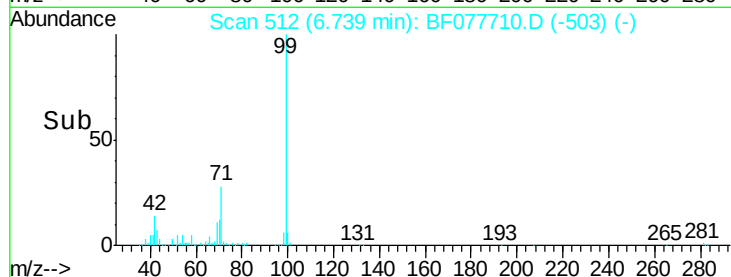
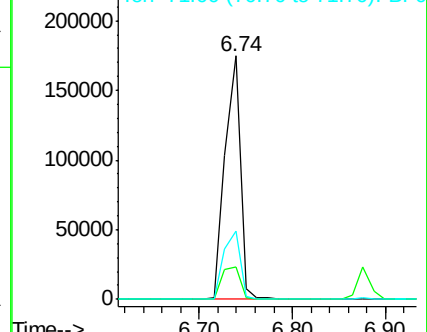
71 28.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.00 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

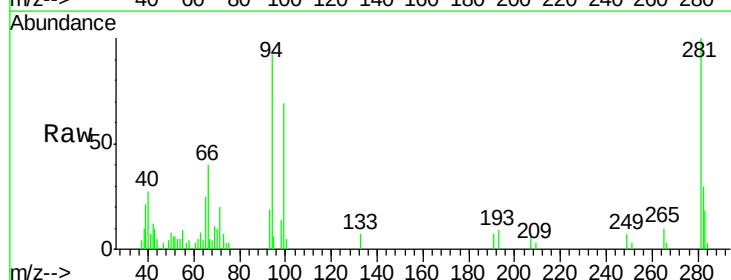
Tgt Ion: 94 Resp: 9739

Ion Ratio Lower Upper

94 100

65 27.2 18.8 58.8

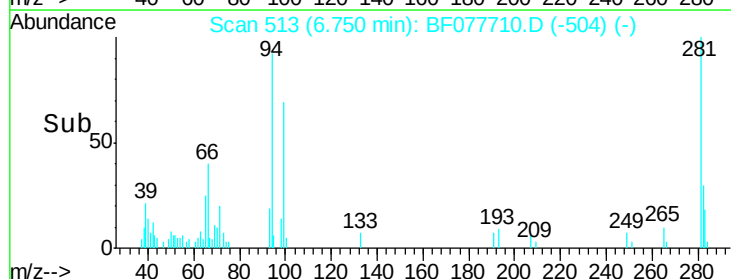
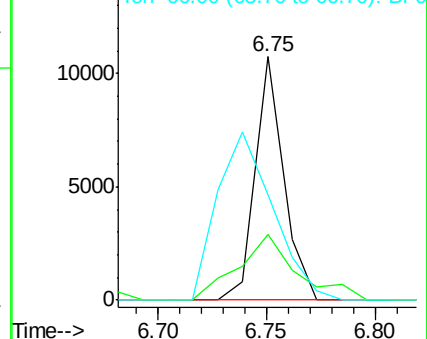
66 43.4 39.9 79.9

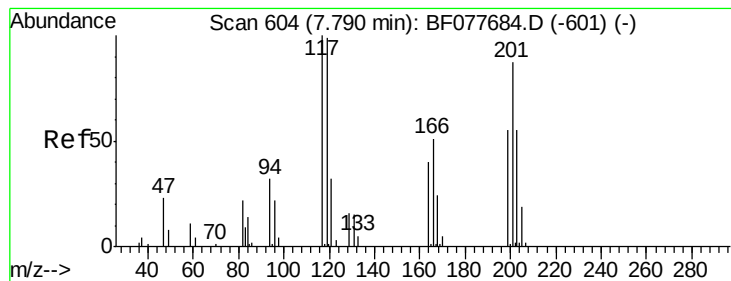


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#18

Hexachloroethane

Concen: 5.30 ng

RT: 7.82 min Scan# 607

Delta R.T. 0.03 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Instrument :

BNA_F

ClientSampled :

MW-9

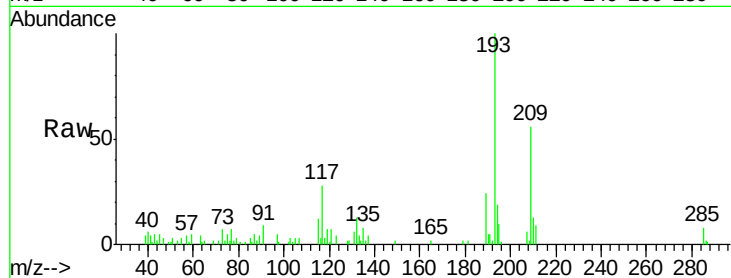
Tgt Ion:117 Resp: 7962

Ion Ratio Lower Upper

117 100

119 23.5 79.2 118.8#

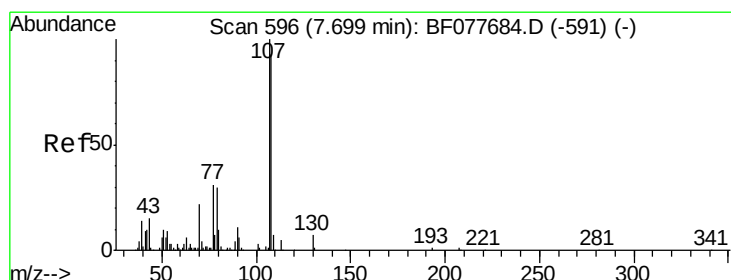
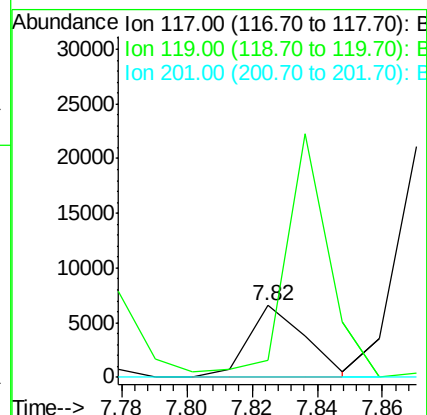
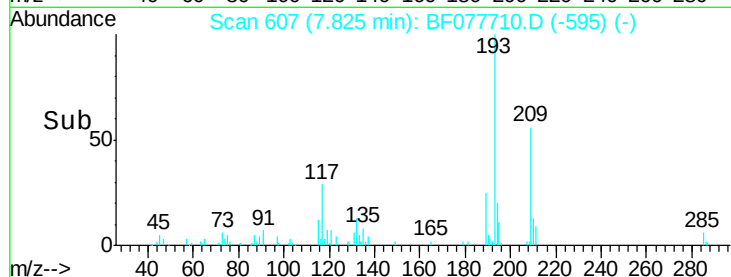
201 0.0 69.8 104.6#



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



#20

3+4-Methylphenols

Concen: 5.42 ng

RT: 7.70 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Tgt Ion:107 Resp: 22954

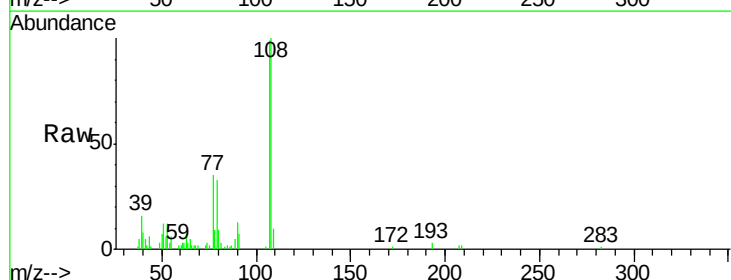
Ion Ratio Lower Upper

107 100

108 101.1 73.2 113.2

77 35.9 10.7 50.7

79 33.6 9.6 49.6

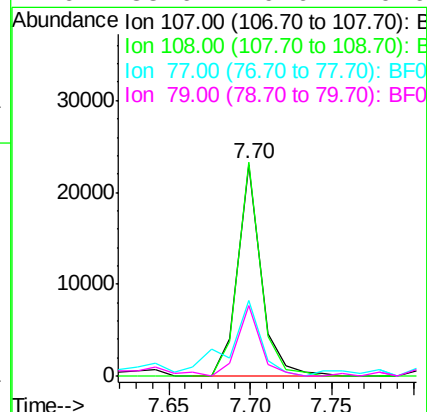
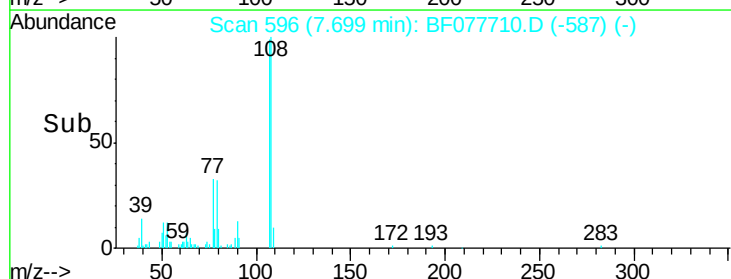


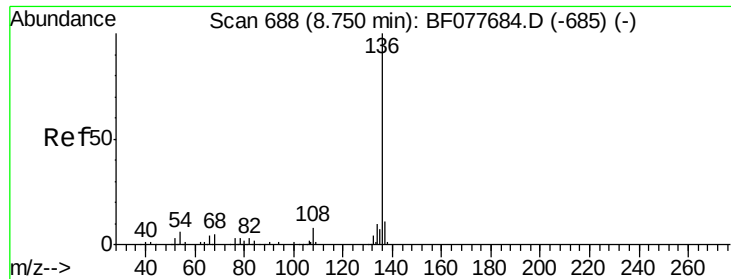
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

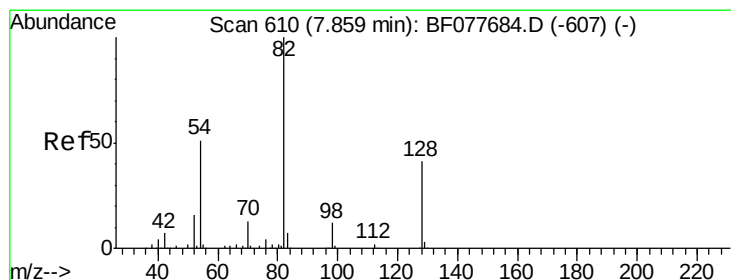
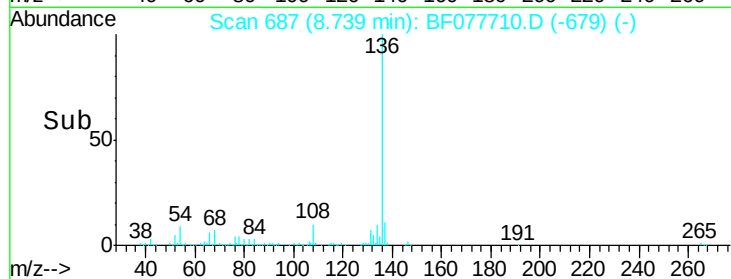
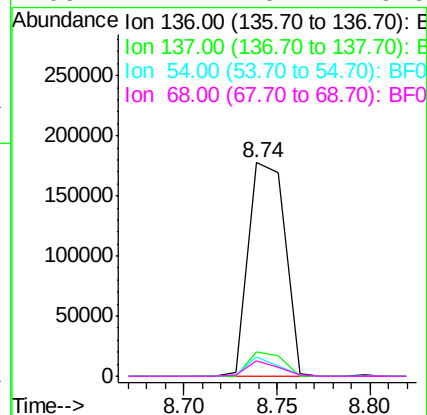
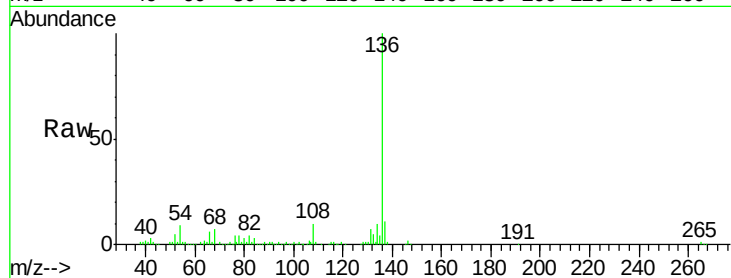




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF077710.D
Acq: 12 Mar 2015 3:11

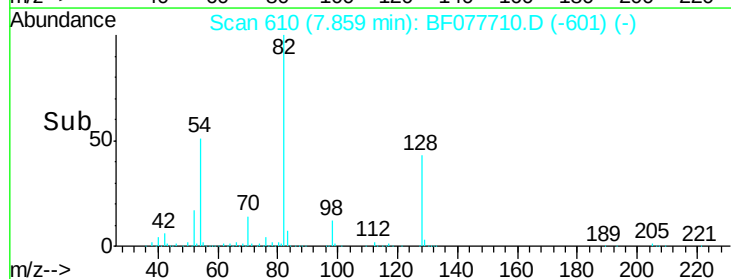
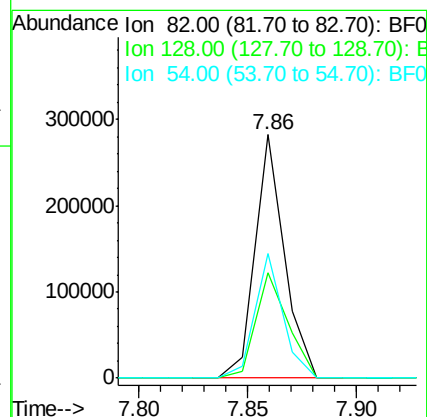
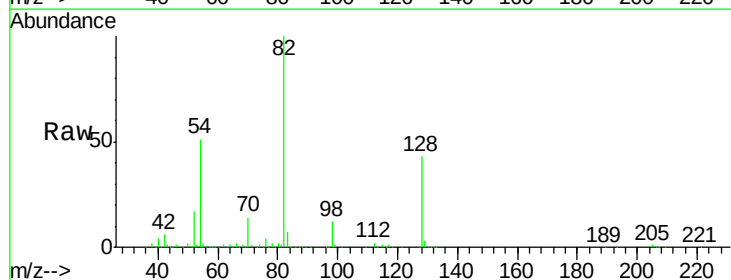
Instrument :
BNA_F
ClientSampled :
MW-9

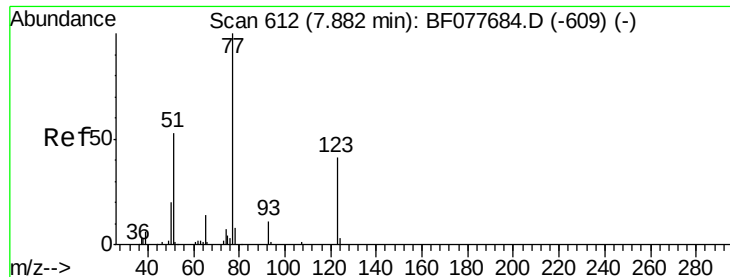
Tgt Ion:	136	Resp:	241725
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.2	4.6	6.8#
68	7.4	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 71.70 ng
RT: 7.86 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF077710.D
Acq: 12 Mar 2015 3:11

Tgt Ion:	82	Resp:	264388
Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.8	49.2
54	50.9	40.6	60.8

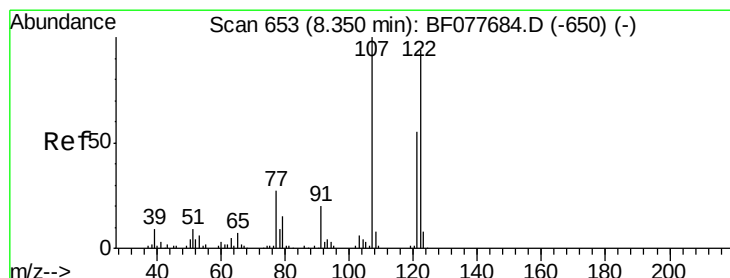
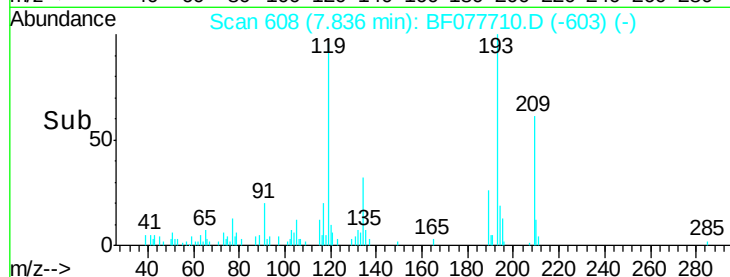
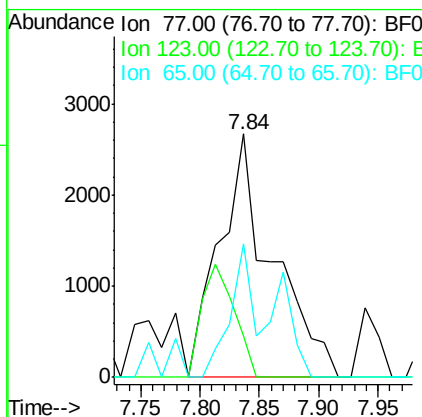
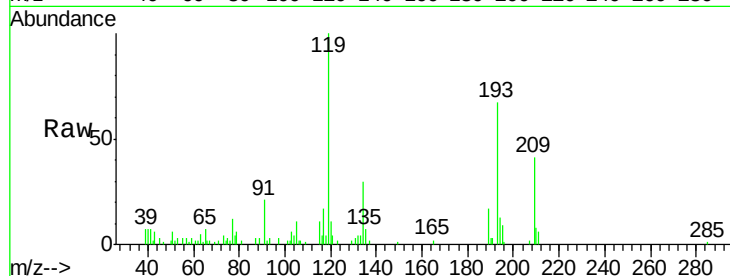




#24
 Nitrobenzene
 Concen: 2.08 ng
 RT: 7.84 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF077710.D
 Acq: 12 Mar 2015 3:11

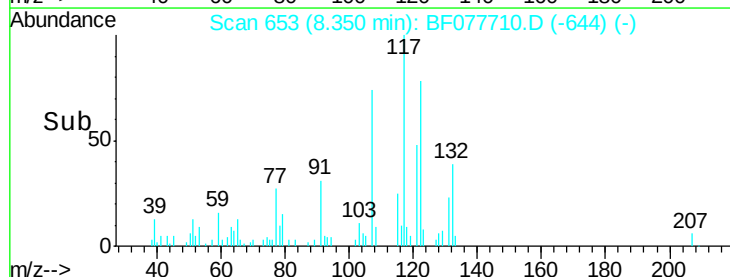
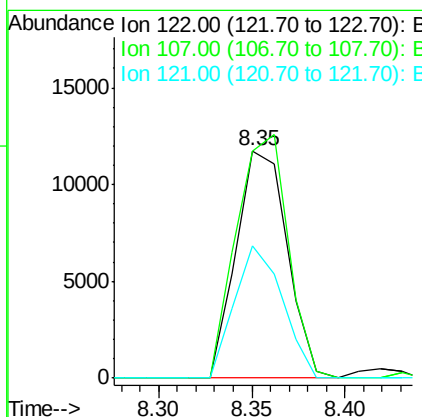
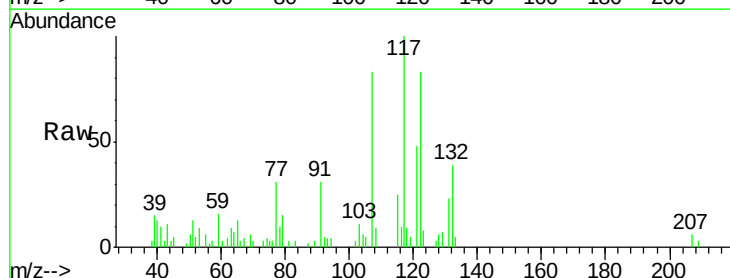
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

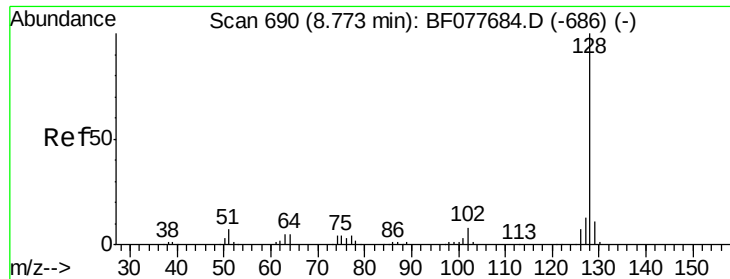
Tgt Ion: 77 Resp: 8268
 Ion Ratio Lower Upper
 77 100
 123 17.1 32.6 49.0#
 65 55.1 10.9 16.3#



#27
 2,4-Dimethylphenol
 Concen: 6.30 ng
 RT: 8.35 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF077710.D
 Acq: 12 Mar 2015 3:11

Tgt Ion: 122 Resp: 22319
 Ion Ratio Lower Upper
 122 100
 107 100.0 84.7 127.1
 121 58.2 46.6 69.8

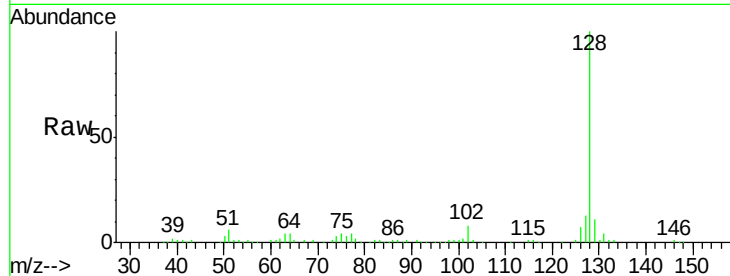




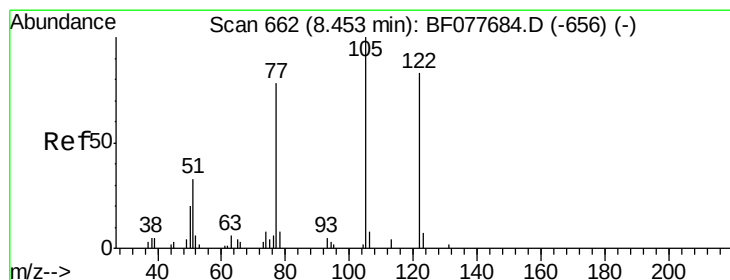
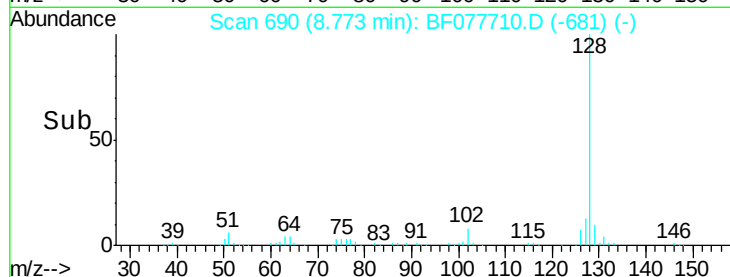
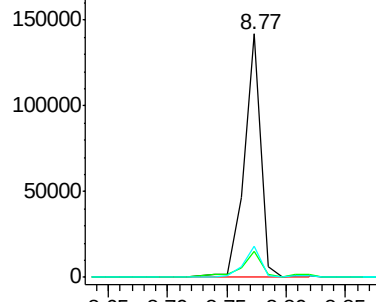
#31
Naphthalene
Concen: 11.17 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077710.D
Acq: 12 Mar 2015 3:11

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:128 Resp: 138652
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 12.5 10.4 15.6

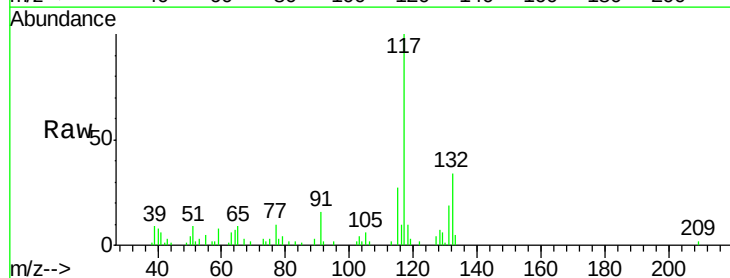


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

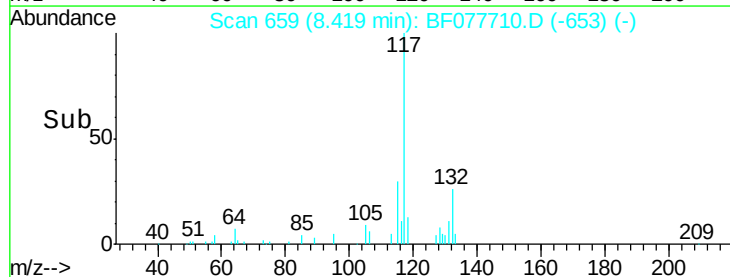
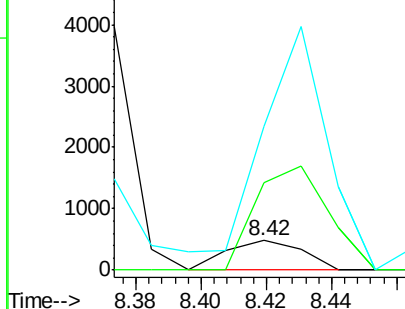


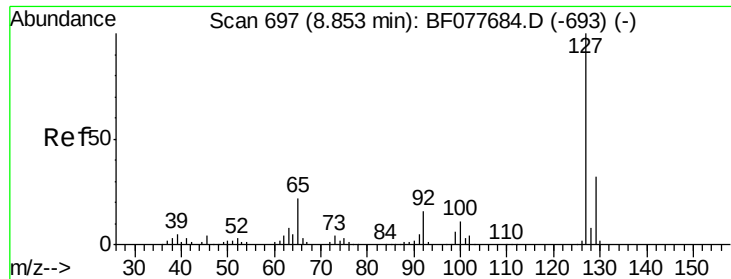
#32
Benzoic acid
Concen: 3.46 ng
RT: 8.42 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF077710.D
Acq: 12 Mar 2015 3:11

Tgt Ion:122 Resp: 784
Ion Ratio Lower Upper
122 100
105 299.8 99.9 139.9#
77 488.5 73.7 113.7#



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

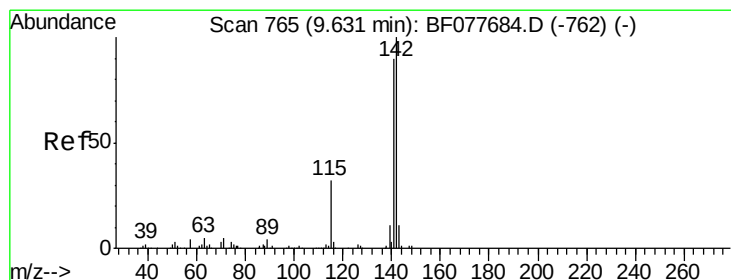
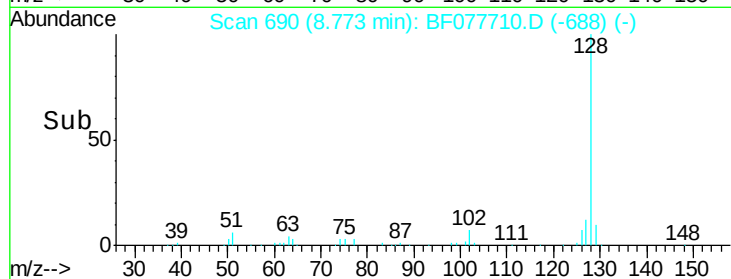
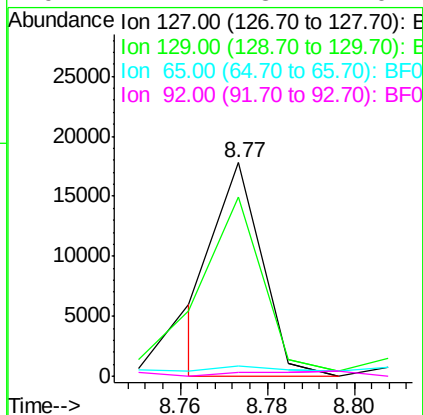
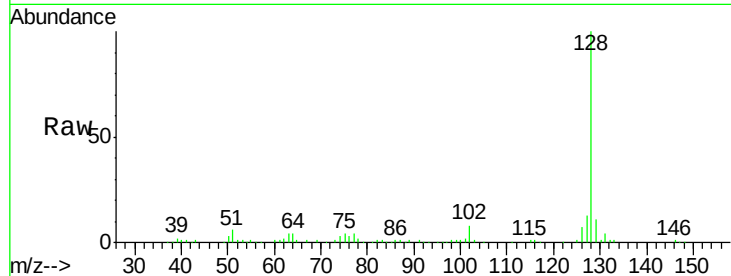




#33
4-Chloroaniline
Concen: 2.57 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.08 min
Lab File: BF077710.D
Acq: 12 Mar 2015 3:11

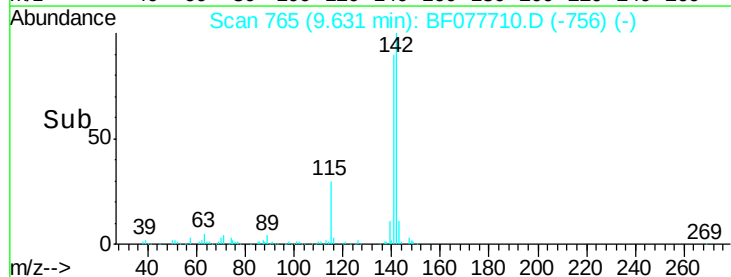
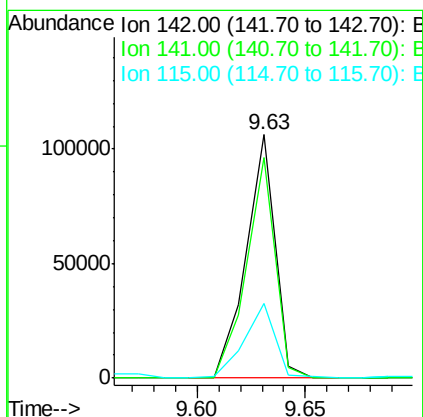
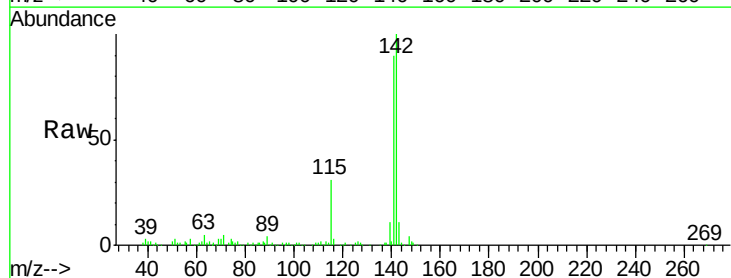
Instrument :
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MW-9

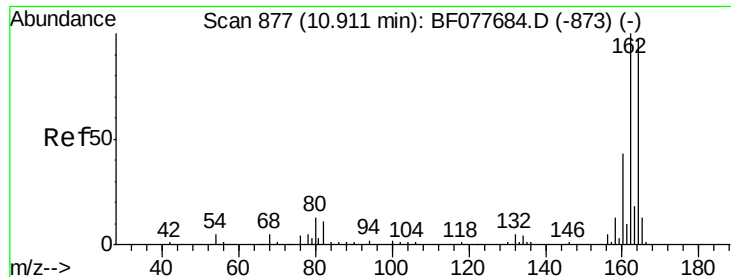
Tgt Ion:	127	Resp:	12941
Ion	Ratio	Lower	Upper
127	100		
129	83.9	25.3	37.9#
65	4.7	17.6	26.4#
92	1.7	13.1	19.7#



#37
2-Methylnaphthalene
Concen: 11.80 ng
RT: 9.63 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF077710.D
Acq: 12 Mar 2015 3:11

Tgt Ion:	142	Resp:	98435
Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
115	30.9	25.4	38.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Instrument :

BNA_F

ClientSampleId :

MW-9

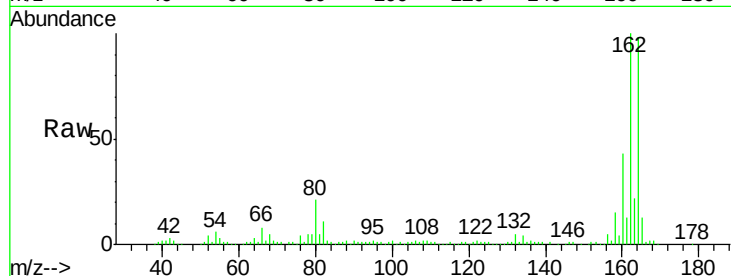
Tgt Ion:164 Resp: 127241

Ion Ratio Lower Upper

164 100

162 101.8 82.4 123.6

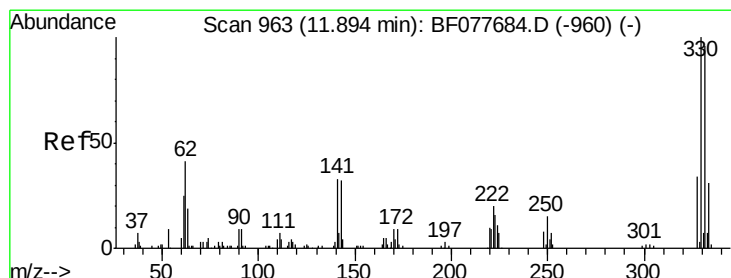
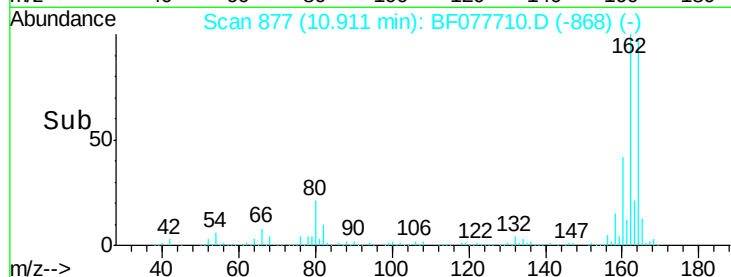
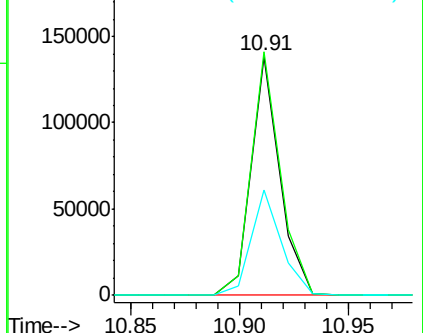
160 43.9 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 103.36 ng

RT: 11.89 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

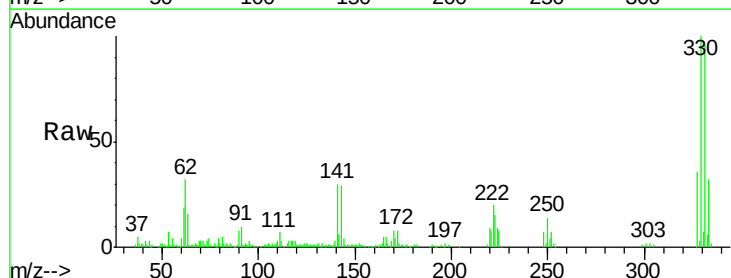
Tgt Ion:330 Resp: 125833

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

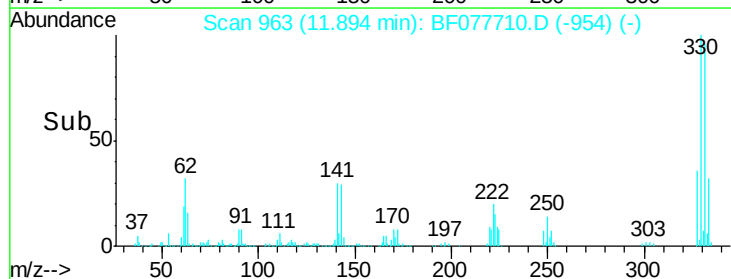
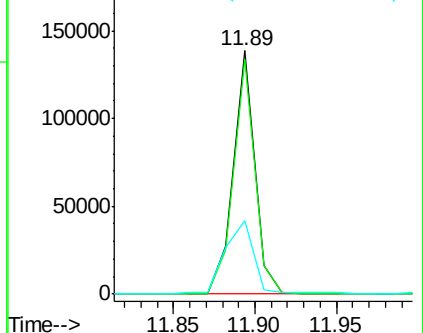
141 38.1 0.0 0.0#

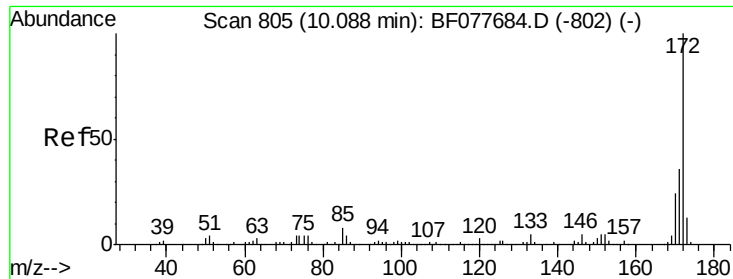


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

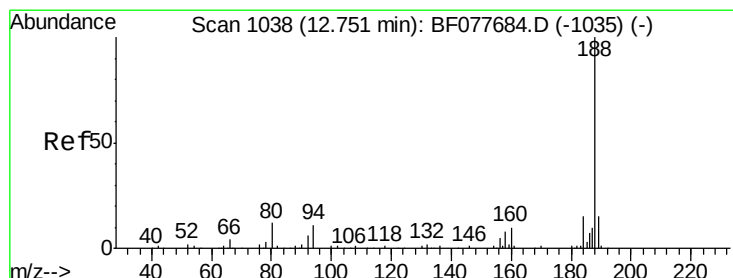
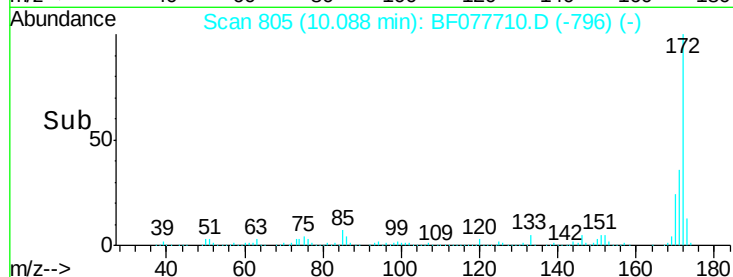
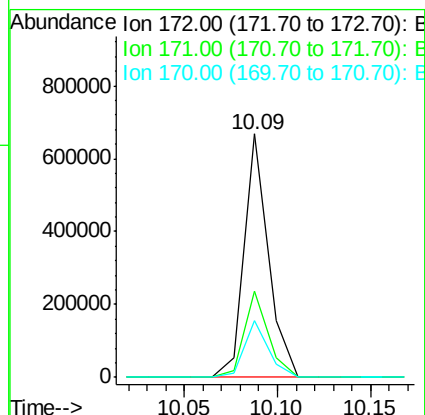
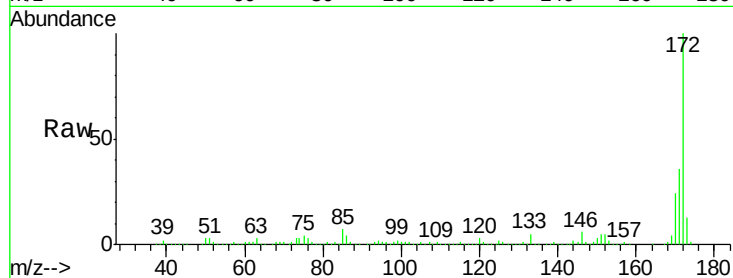




#44
 2-Fluorobiphenyl
 Concen: 69.69 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077710.D
 Acq: 12 Mar 2015 3:11

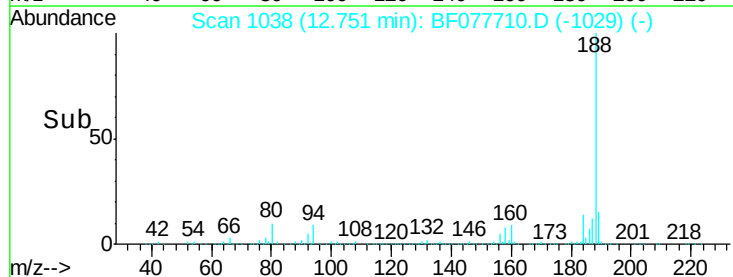
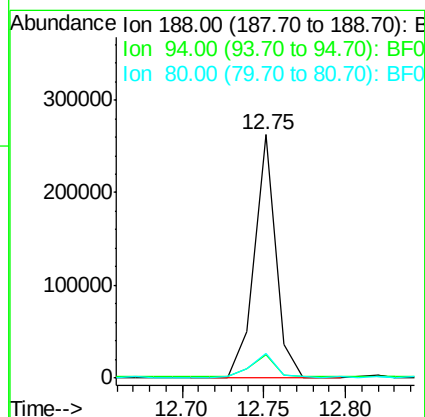
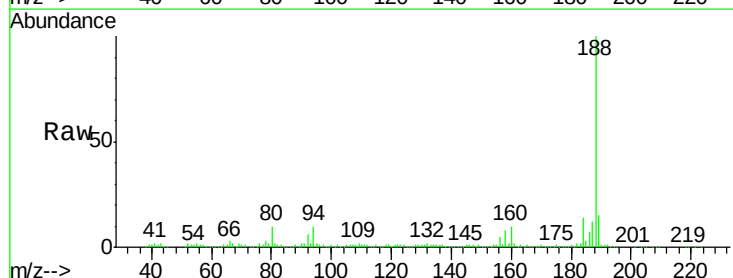
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

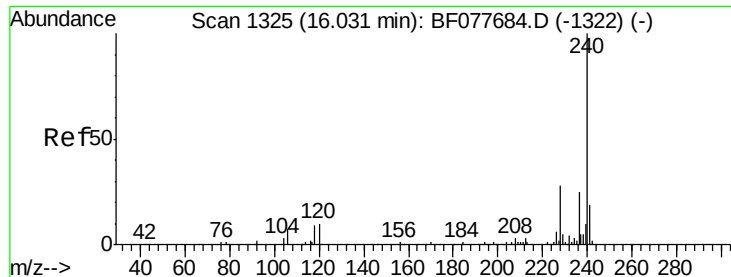
Tgt Ion:172 Resp: 603403
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.5 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF077710.D
 Acq: 12 Mar 2015 3:11

Tgt Ion:188 Resp: 240942
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.7 13.1
 80 10.4 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Instrument :

BNA_F

ClientSampleId :

MW-9

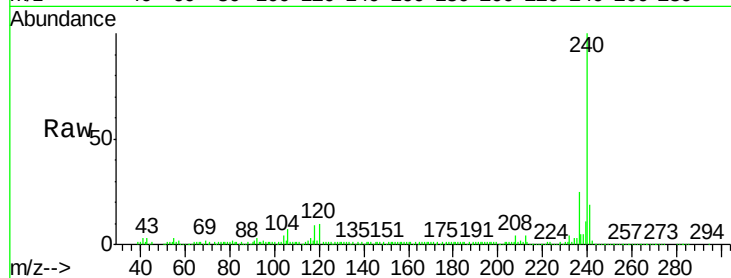
Tgt Ion:240 Resp: 249592

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

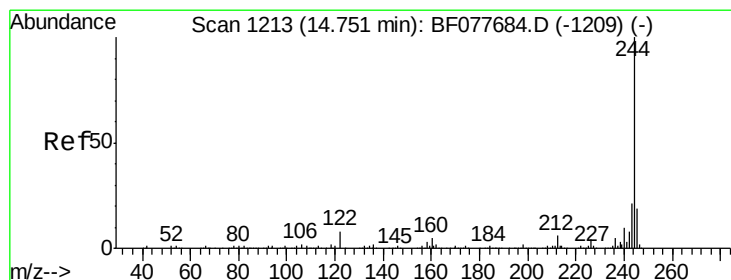
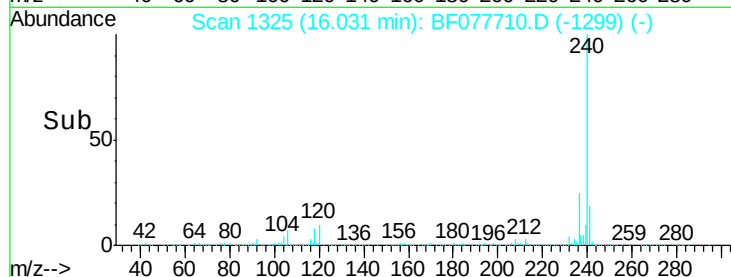
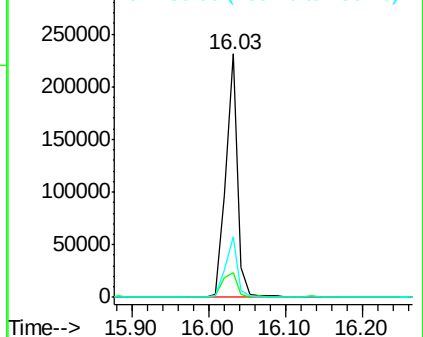
236 25.0 20.0 30.0



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



#78

Terphenyl-d14

Concen: 67.46 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

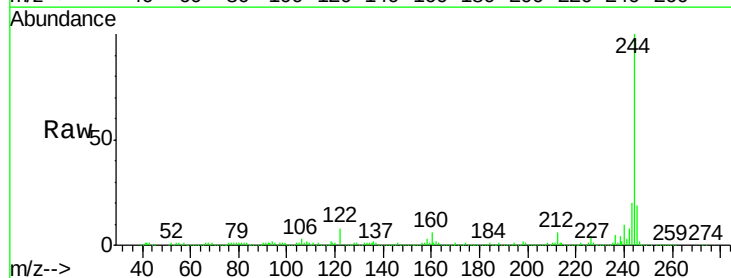
Tgt Ion:244 Resp: 689266

Ion Ratio Lower Upper

244 100

212 6.3 4.9 7.3

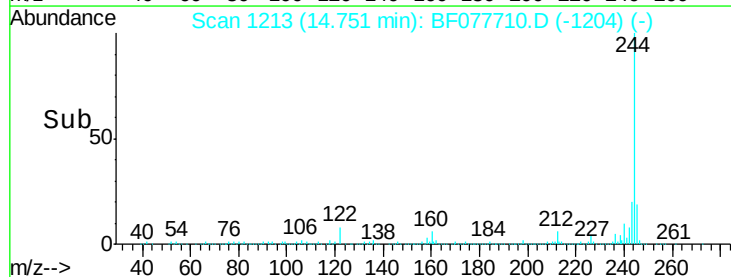
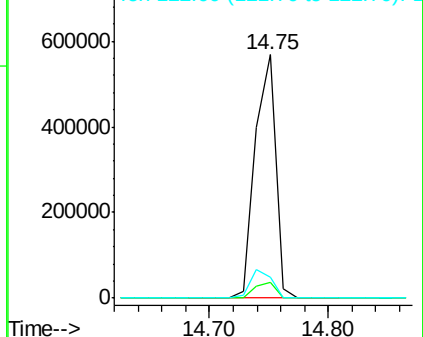
122 8.4 6.2 9.4

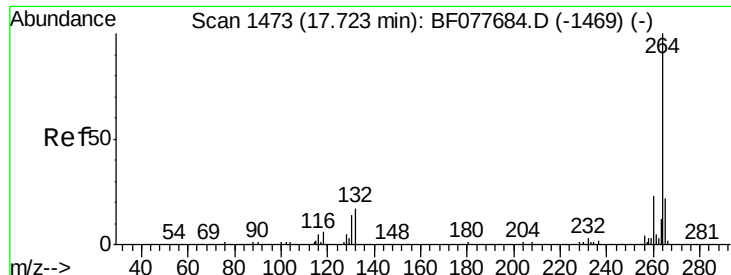


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

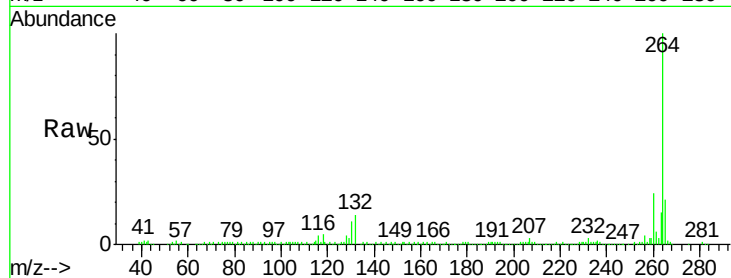




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1471
Delta R.T. -0.02 min
Lab File: BF077710.D
Acq: 12 Mar 2015 3:11

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.3	17.3	25.9



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

