

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
 Data File : BF084056.D
 Acq On : 24 Dec 2015 1:55
 Operator : UM/SJ
 Sample : G4907-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Dec 24 02:42:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	54125	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	200029	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	85575	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	137511	20.00	ng	0.00
75) Chrysene-d12	13.99	240	92498	20.00	ng	-0.01
86) Perylene-d12	15.41	264	89147	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	80844	25.47	ng	0.01
7) Phenol-d6	6.49	99	67630	18.12	ng	0.01
23) Nitrobenzene-d5	7.39	82	158101	48.56	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	48585	59.03	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	298523	46.95	ng	-0.01
78) Terphenyl-d14	12.93	244	198328	51.13	ng	0.00

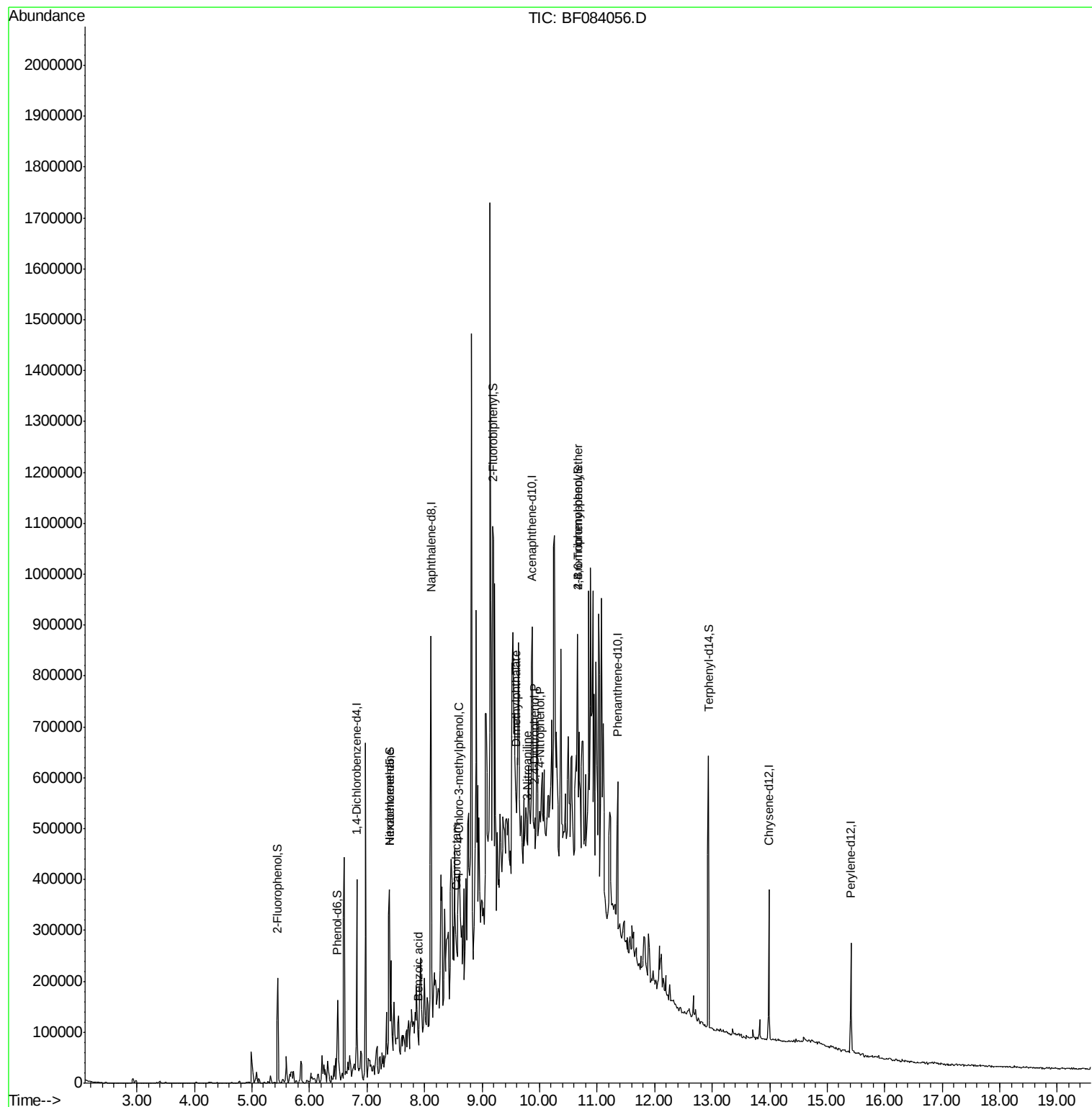
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.39	117	5519	3.79	ng	# 16
32) Benzoic acid	7.89	122	213	5.41	ng	# 8
35) Caprolactam	8.54	113	5777	6.84	ng	# 1
36) 4-Chloro-3-methylphenol	8.60	107	6417	2.13	ng	# 20
49) Dimethylphthalate	9.58	163	13802	2.06	ng	# 53
52) 3-Nitroaniline	9.79	138	8409	5.60	ng	# 9
53) 2,4-Dinitrophenol	9.90	184	212	8.32	ng	# 1
55) 4-Nitrophenol	10.01	139	2547	2.89	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	3968	2.52	ng	# 1

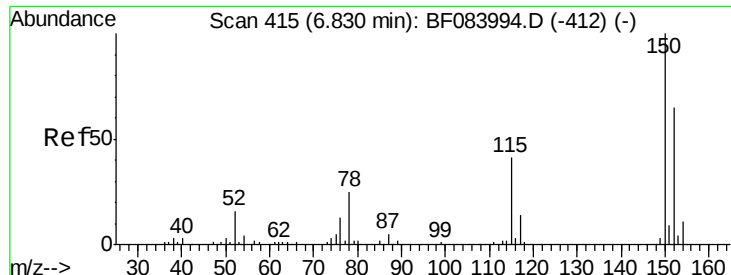
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084056.D

Acq: 24 Dec 2015 1:55

Instrument :

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ClientSampleId :

MW-02

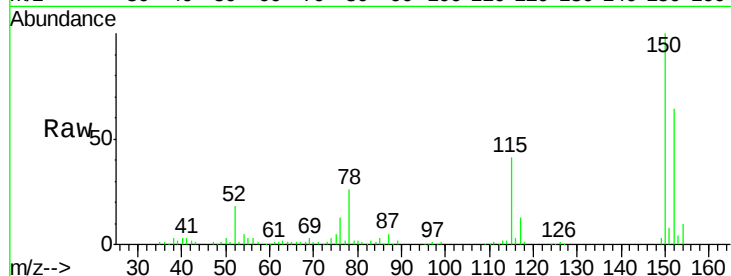
Tgt Ion:152 Resp: 54125

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

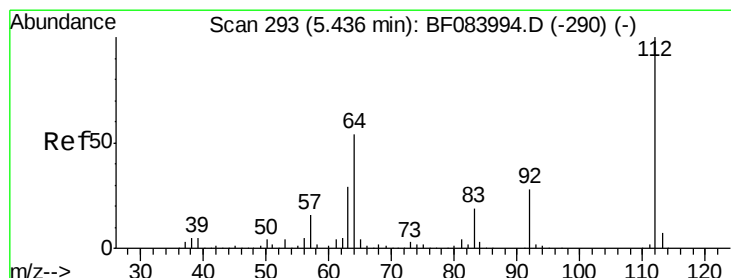
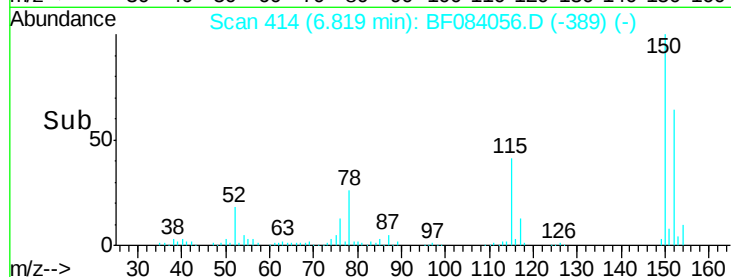
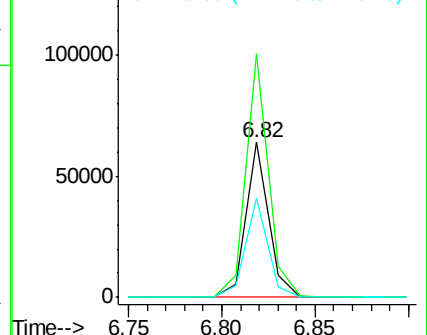
115 63.9 51.4 77.2



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: 25.47 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084056.D

Acq: 24 Dec 2015 1:55

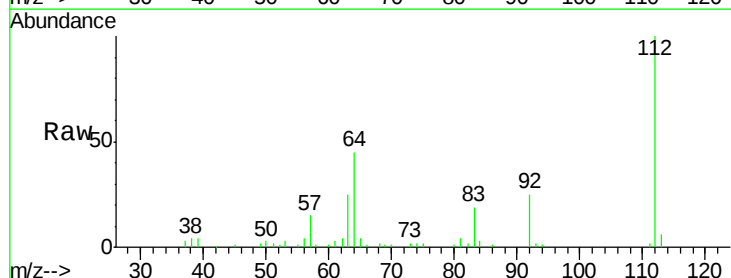
Tgt Ion:112 Resp: 80844

Ion Ratio Lower Upper

112 100

64 45.0 36.6 55.0

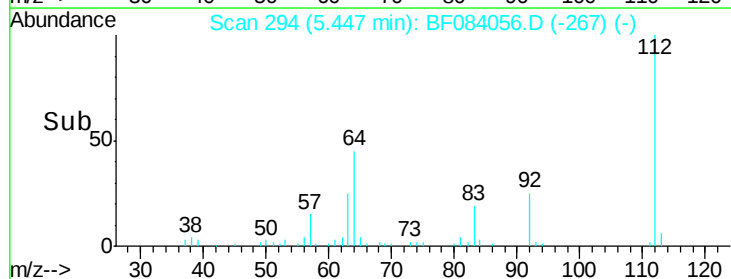
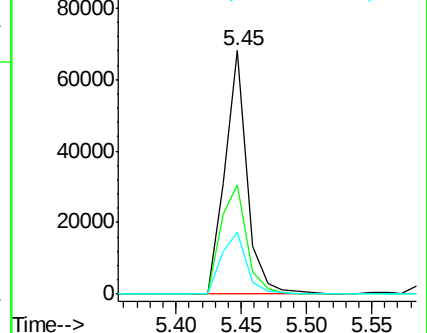
63 25.2 19.4 29.0

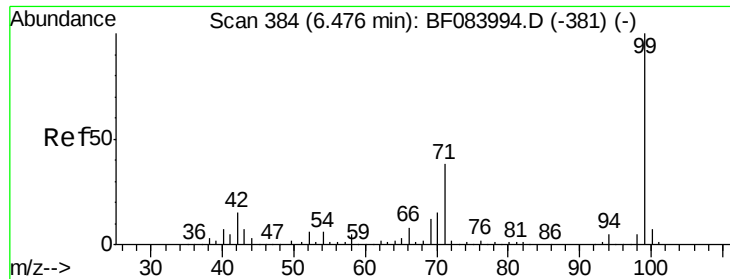


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.12 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF084056.D

Acq: 24 Dec 2015 1:55

Instrument :

BNA_F

ClientSampleId :

MW-02

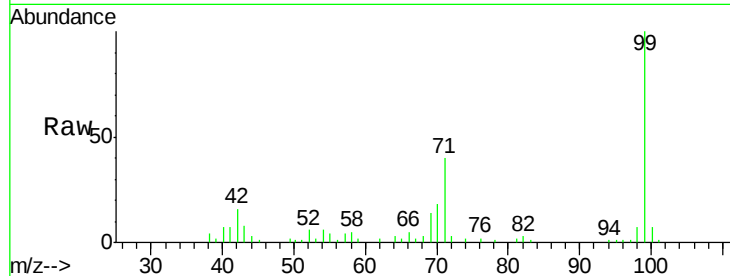
Tgt Ion: 99 Resp: 67630

Ion Ratio Lower Upper

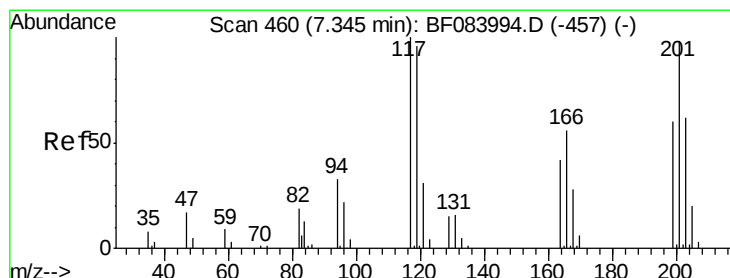
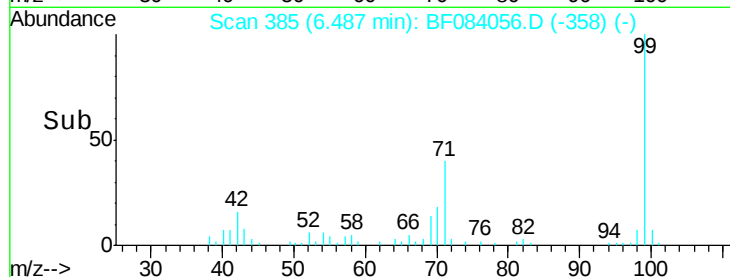
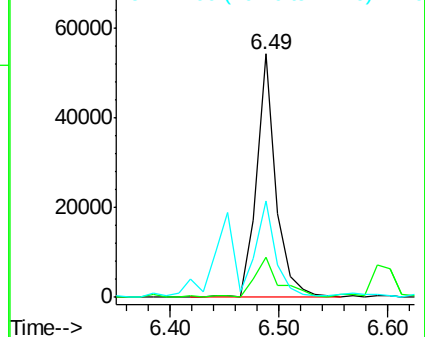
99 100

42 16.4 12.8 19.2

71 39.7 30.9 46.3



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



#18

Hexachloroethane

Concen: 3.79 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.05 min

Lab File: BF084056.D

Acq: 24 Dec 2015 1:55

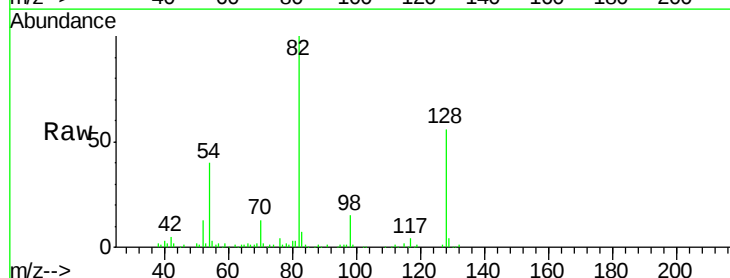
Tgt Ion: 117 Resp: 5519

Ion Ratio Lower Upper

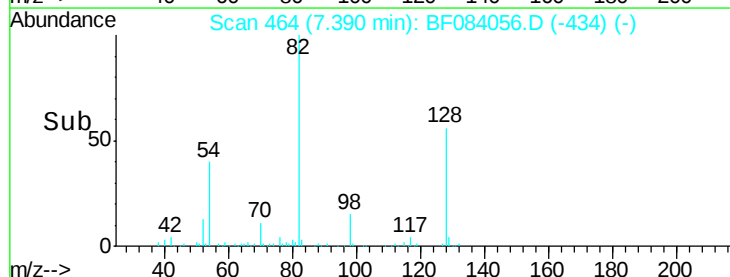
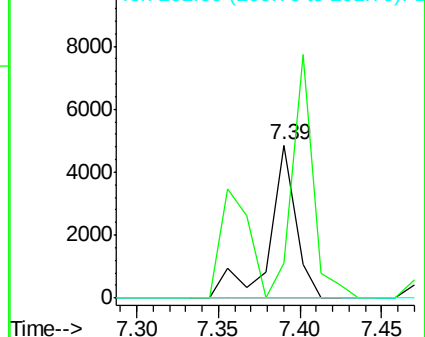
117 100

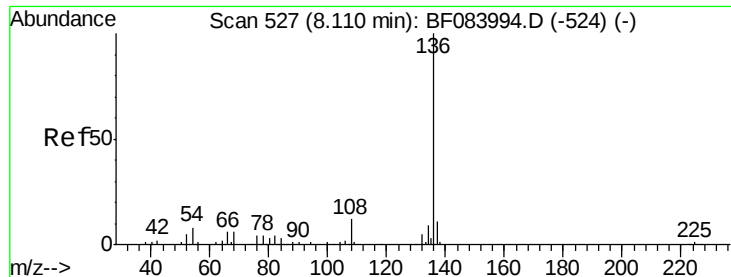
119 22.6 77.4 116.0#

201 0.0 68.6 103.0#



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

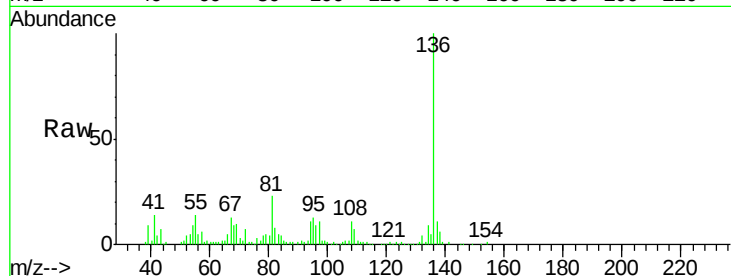




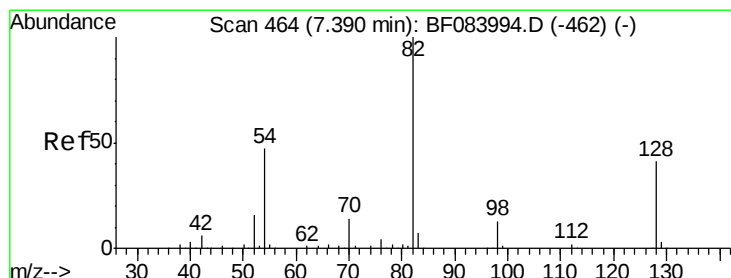
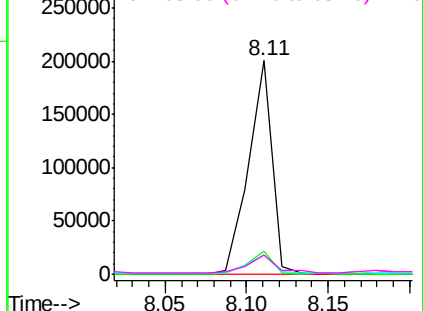
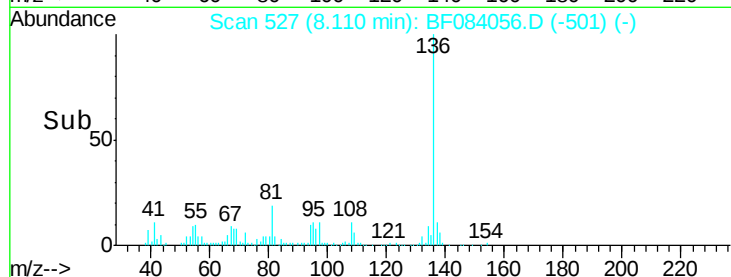
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

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Tgt Ion:	136	Resp:	200029
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.2	5.8	8.8#
68	9.2	4.2	6.2#

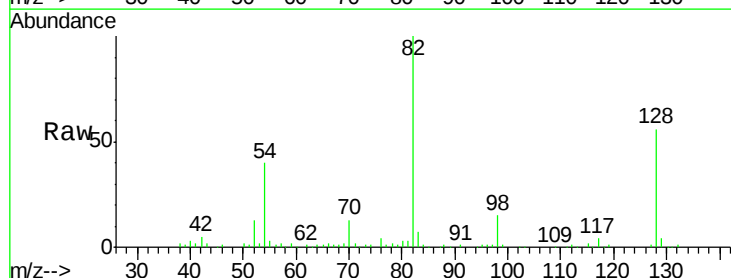


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

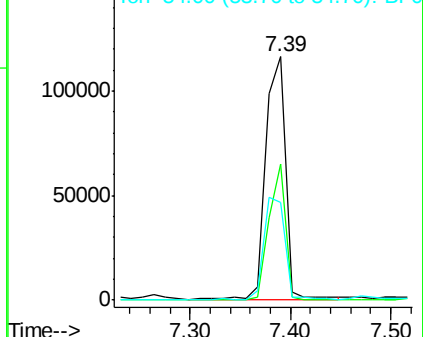
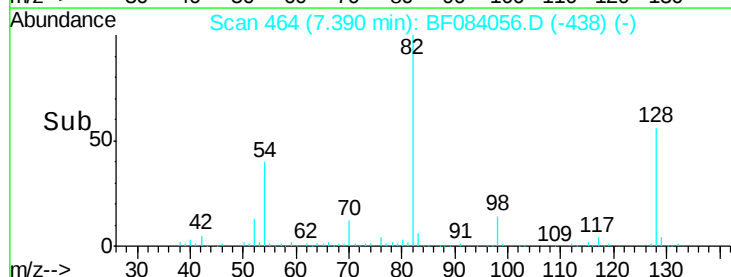


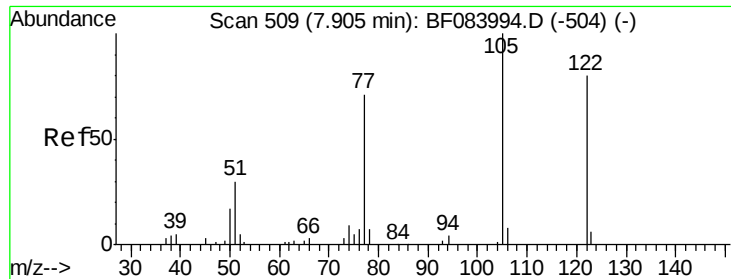
#23
Nitrobenzene-d5
Concen: 48.56 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

Tgt Ion:	82	Resp:	158101
Ion	Ratio	Lower	Upper
82	100		
128	55.9	34.6	51.8#
54	40.0	38.4	57.6



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

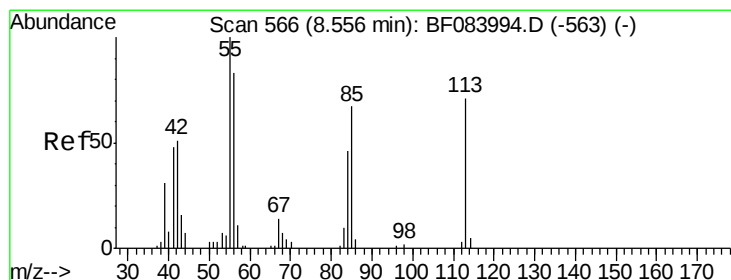
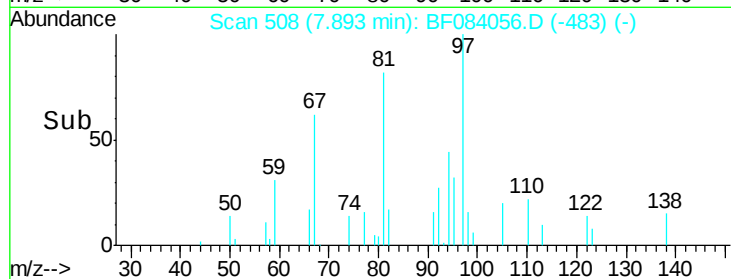
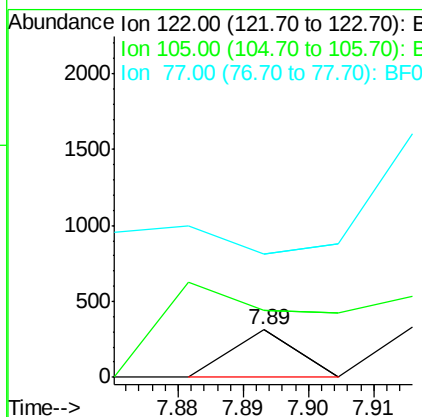
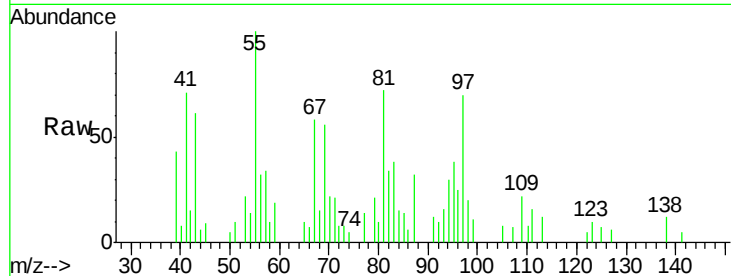




#32
Benzoic acid
Concen: 5.41 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

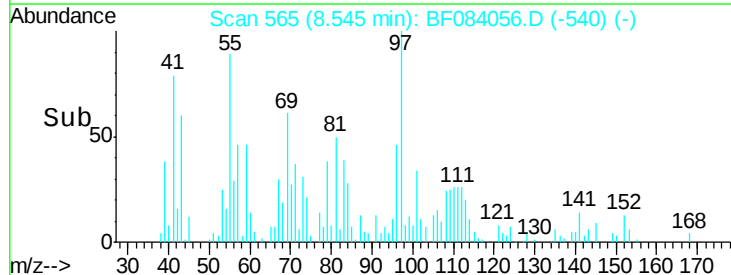
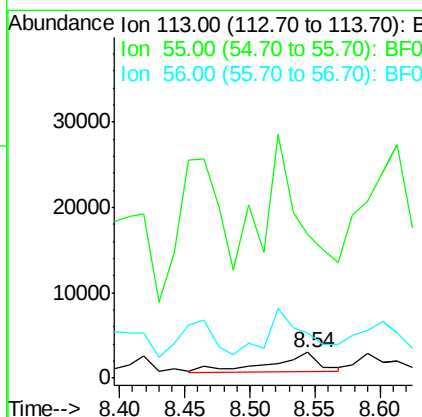
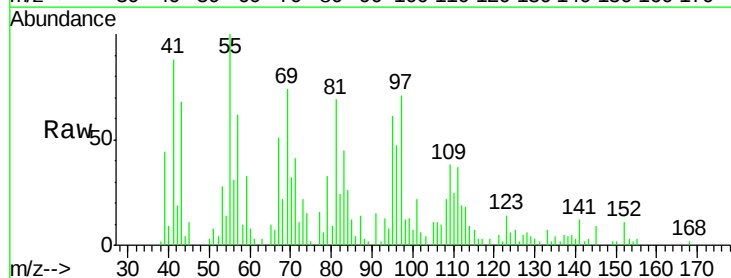
Instrument :
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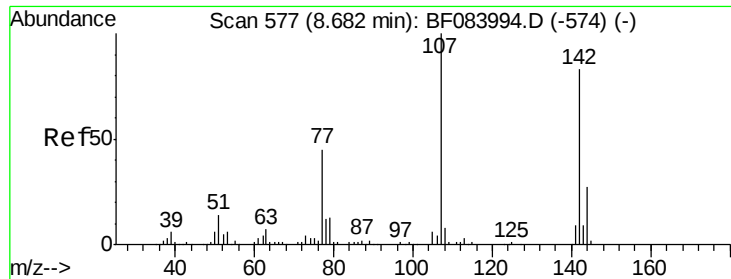
Tgt Ion:122 Resp: 213
Ion Ratio Lower Upper
122 100
105 142.1 100.3 140.3#
77 260.8 63.5 103.5#



#35
Caprolactam
Concen: 6.84 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

Tgt Ion:113 Resp: 5777
Ion Ratio Lower Upper
113 100
55 560.9 116.9 156.9#
56 175.1 93.8 133.8#

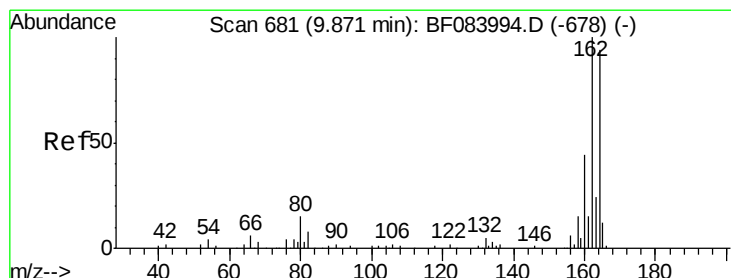
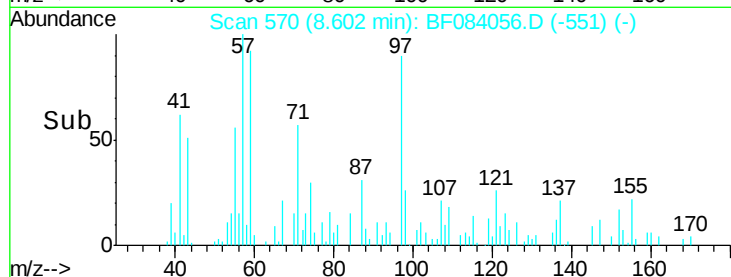
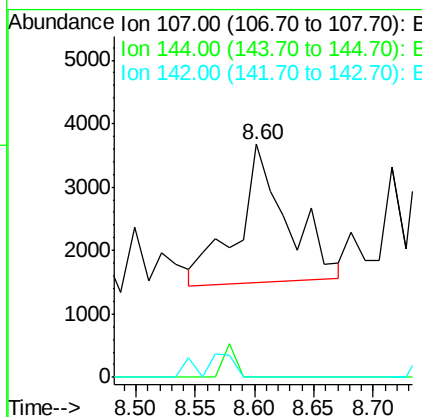
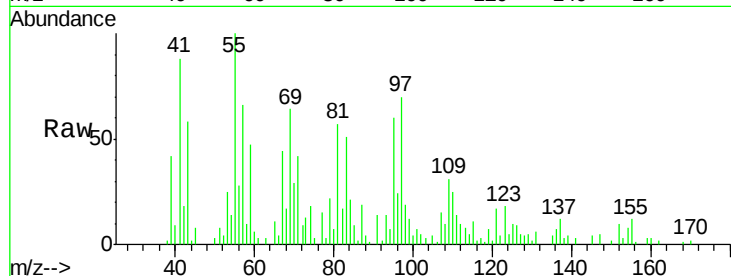




#36
4-Chloro-3-methylphenol
Concen: 2.13 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.08 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

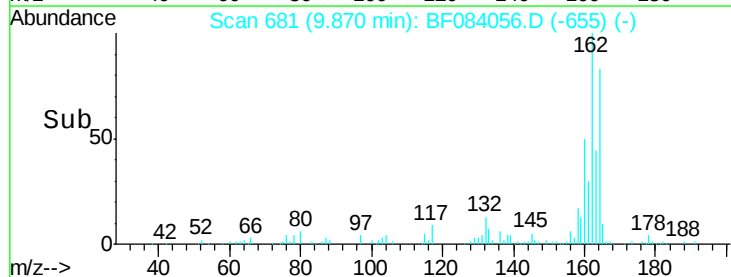
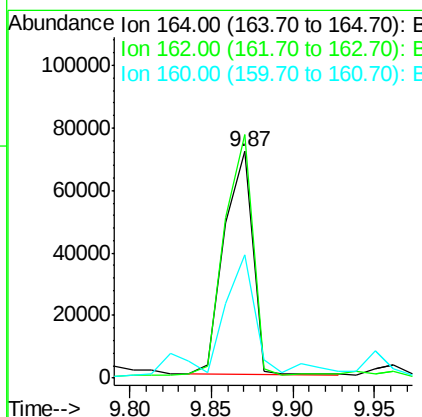
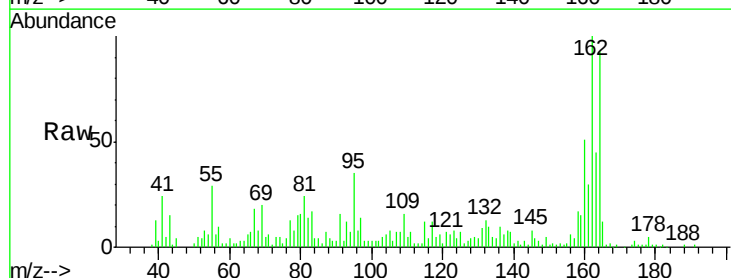
Instrument :
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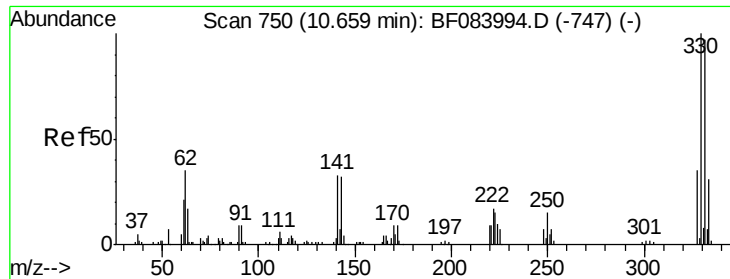
Tgt Ion:107 Resp: 6417
Ion Ratio Lower Upper
107 100
144 0.0 19.7 29.5#
142 0.0 61.8 92.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

Tgt Ion:164 Resp: 85575
Ion Ratio Lower Upper
164 100
162 107.3 85.1 127.7
160 54.4 37.5 56.3

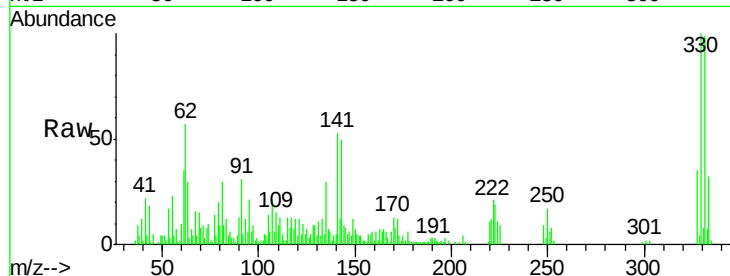




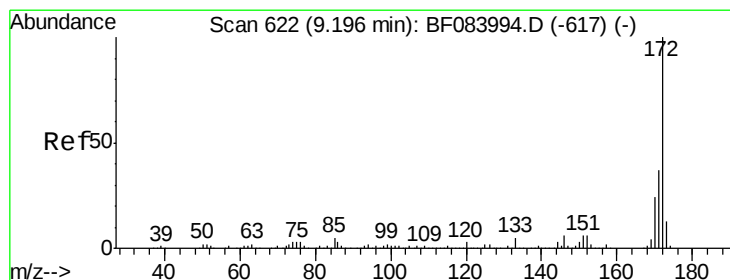
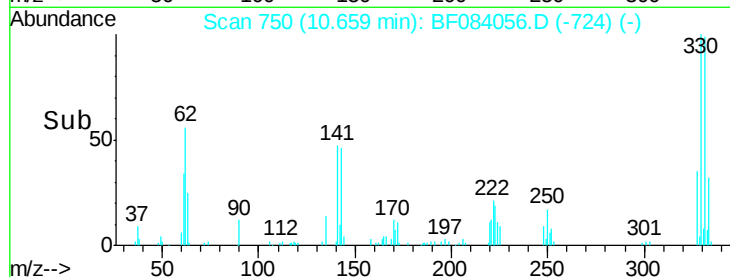
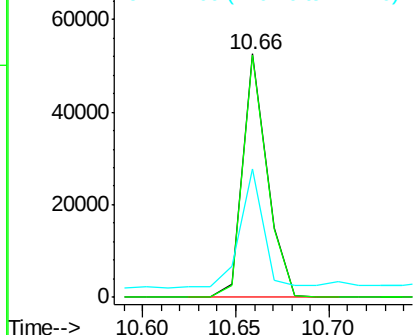
#41
 2,4,6-Tribromophenol
 Concen: 59.03 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084056.D
 Acq: 24 Dec 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion:330 Resp: 48585
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 114.8
 141 48.5 27.8 41.6#

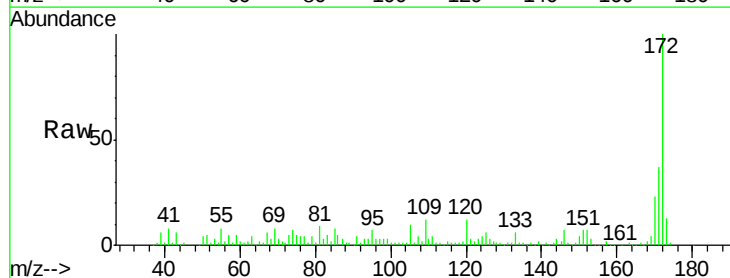


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

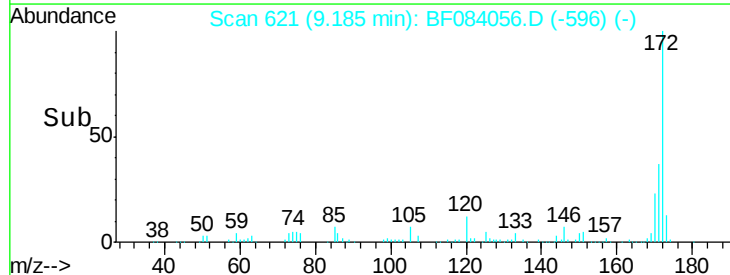
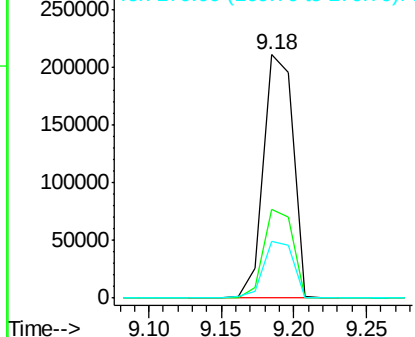


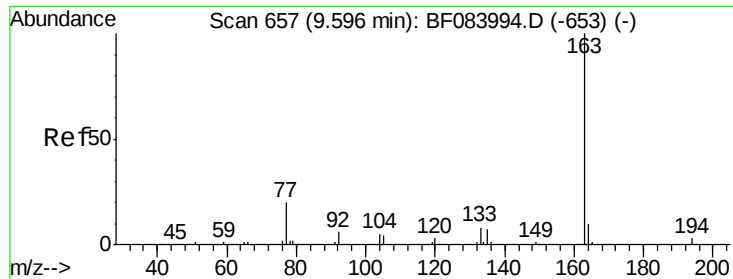
#44
 2-Fluorobiphenyl
 Concen: 46.95 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084056.D
 Acq: 24 Dec 2015 1:55

Tgt Ion:172 Resp: 298523
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 23.4 18.6 27.8



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

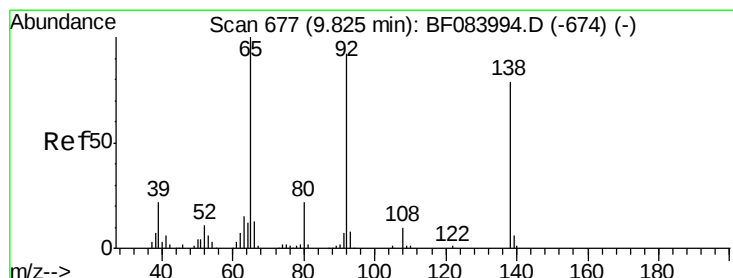
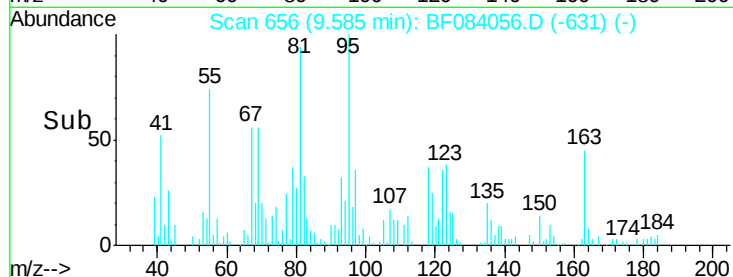
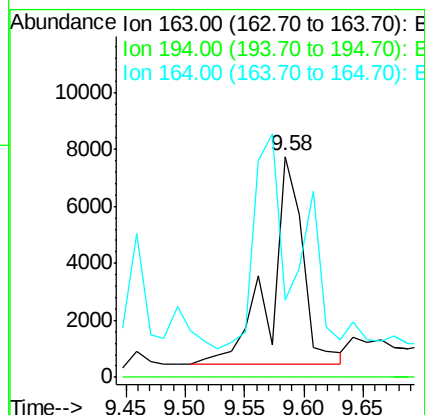
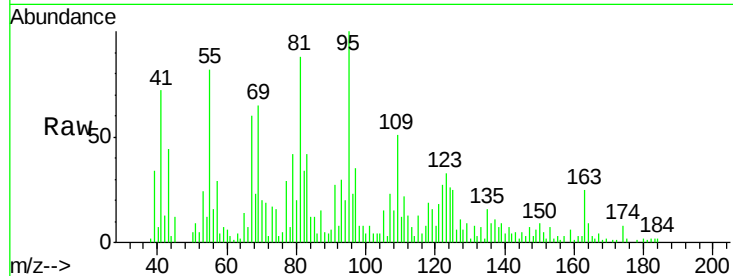




#49
Dimethylphthalate
Concen: 2.06 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

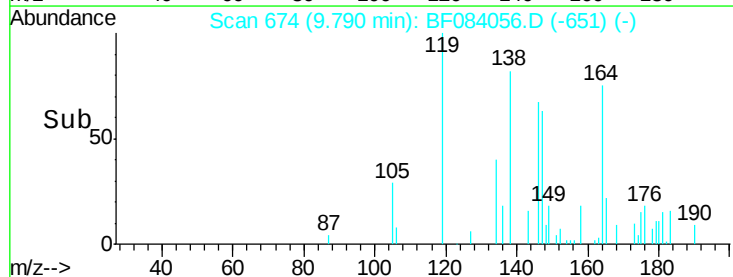
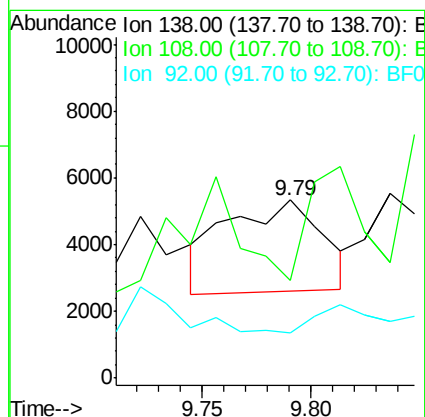
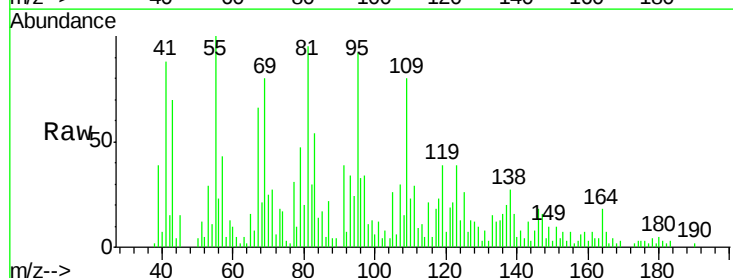
Instrument :
BNA_F
ClientSampled :
MW-02

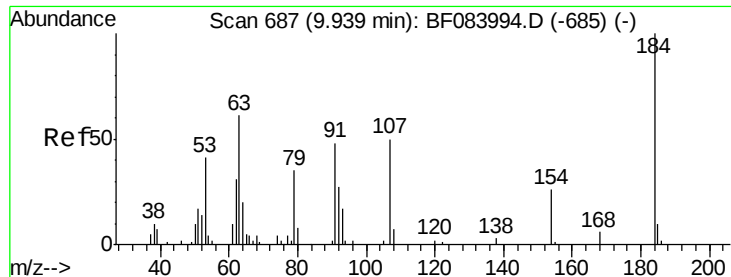
Tgt Ion:163 Resp: 13802
Ion Ratio Lower Upper
163 100
194 0.0 8.0 12.0#
164 34.9 8.0 12.0#



#52
3-Nitroaniline
Concen: 5.60 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

Tgt Ion:138 Resp: 8409
Ion Ratio Lower Upper
138 100
108 54.9 10.5 15.7#
92 25.4 103.9 155.9#

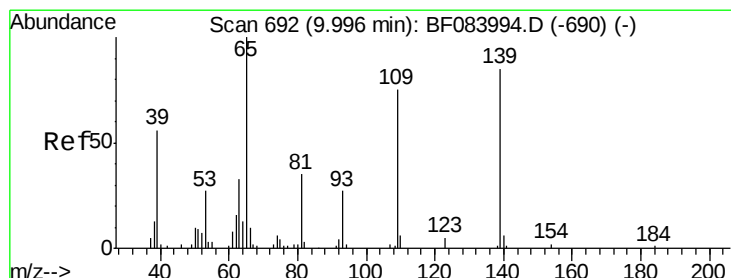
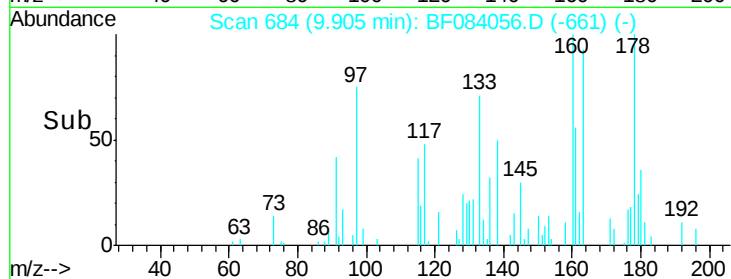
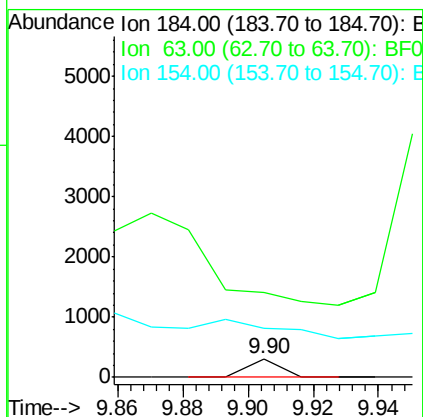
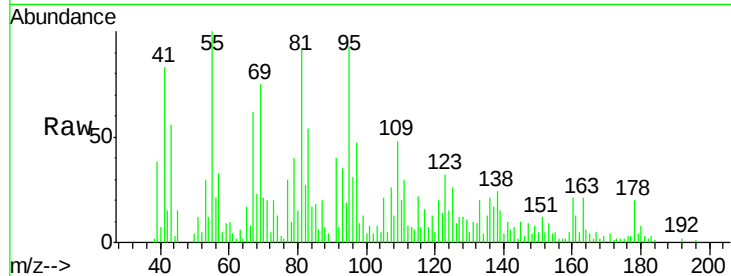




#53
2,4-Dinitrophenol
Concen: 8.32 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

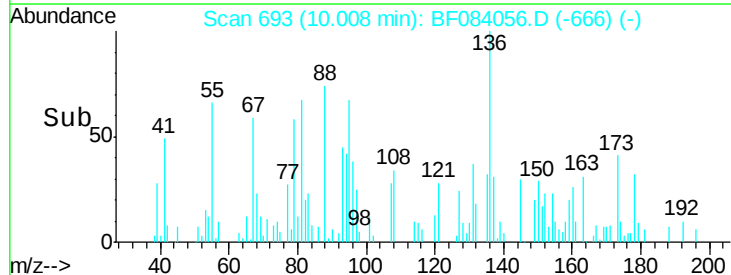
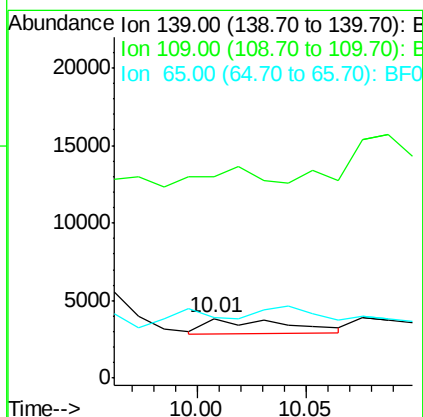
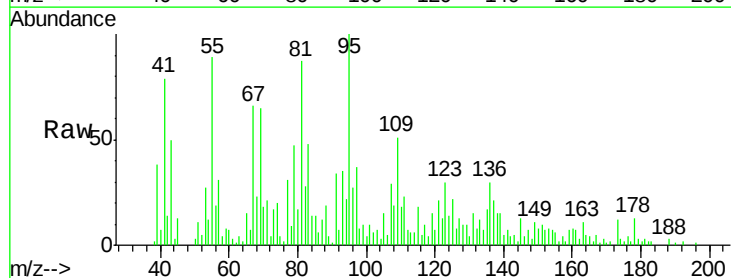
Instrument :
BNA_F
ClientSampleId :
MW-02

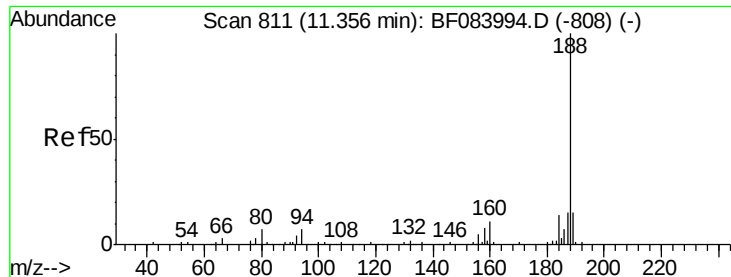
Tgt Ion:184 Resp: 212
Ion Ratio Lower Upper
184 100
63 453.7 43.1 64.7#
154 265.0 60.5 90.7#



#55
4-Nitrophenol
Concen: 2.89 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

Tgt Ion:139 Resp: 2547
Ion Ratio Lower Upper
139 100
109 337.7 58.5 98.5#
65 102.2 57.6 97.6#

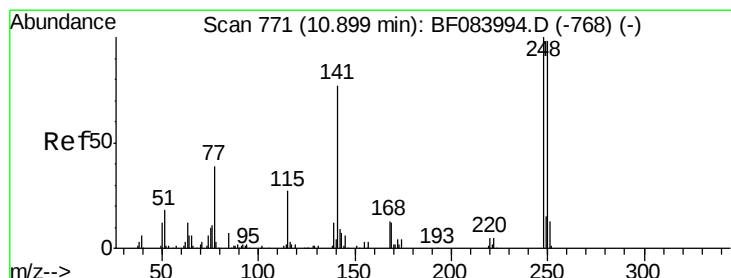
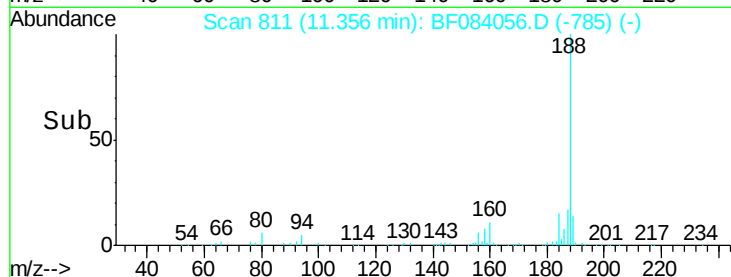
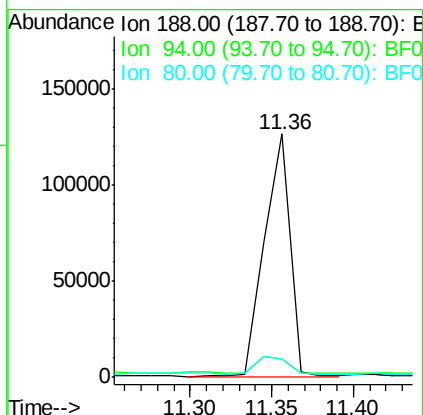
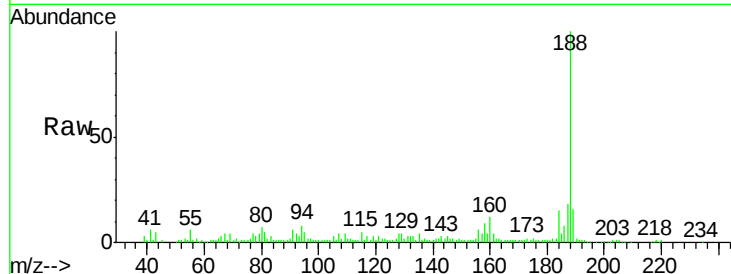




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

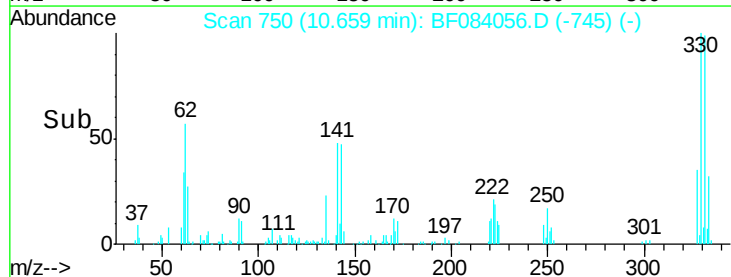
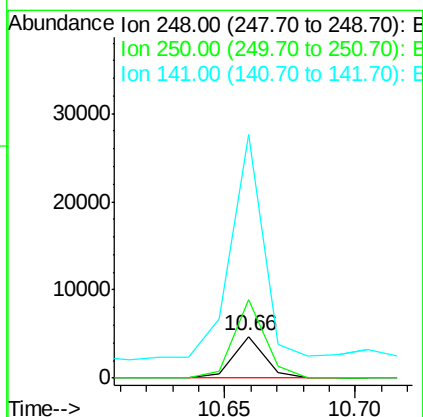
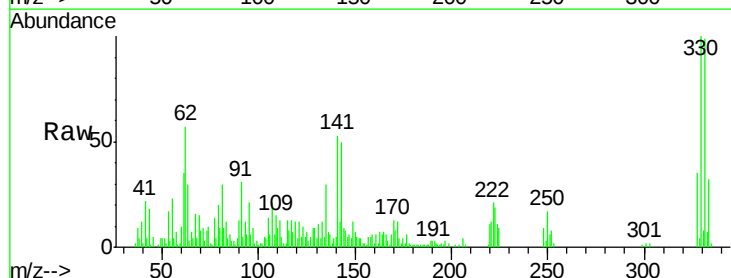
Instrument :
BNA_F
ClientSampleId :
MW-02

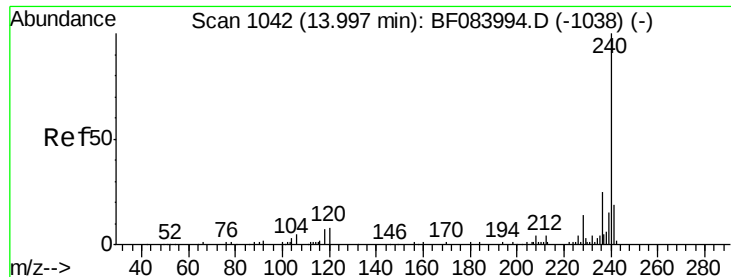
Tgt Ion:188 Resp: 137511
Ion Ratio Lower Upper
188 100
94 7.7 9.0 13.4#
80 7.3 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 2.52 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

Tgt Ion:248 Resp: 3968
Ion Ratio Lower Upper
248 100
250 188.8 78.4 117.6#
141 583.1 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084056.D

Acq: 24 Dec 2015 1:55

Instrument :

BNA_F

ClientSampleId :

MW-02

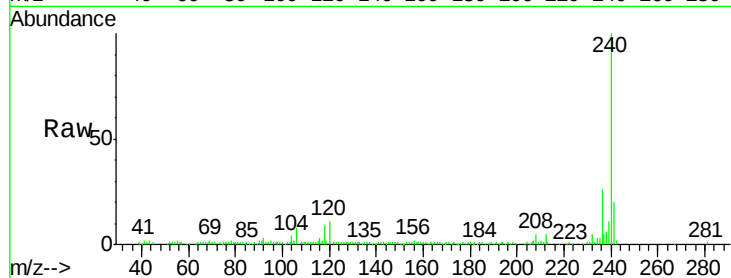
Tgt Ion:240 Resp: 92498

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

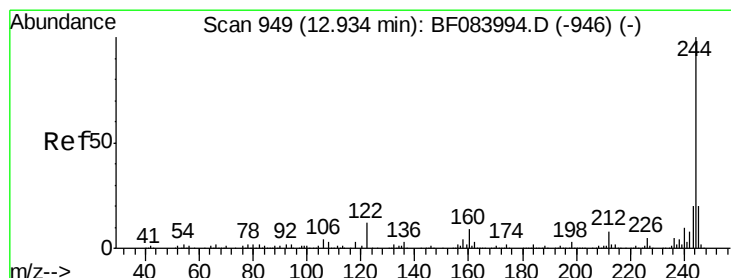
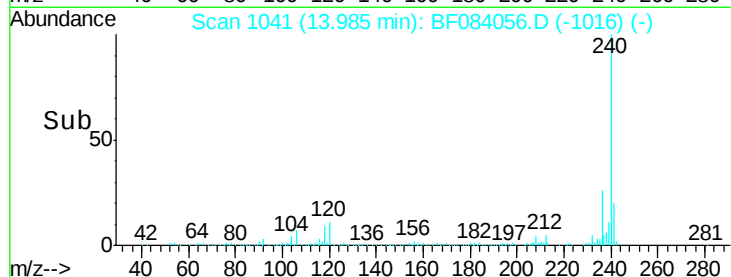
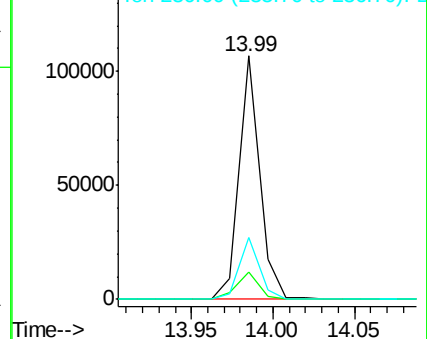
236 25.6 20.6 31.0



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: 51.13 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084056.D

Acq: 24 Dec 2015 1:55

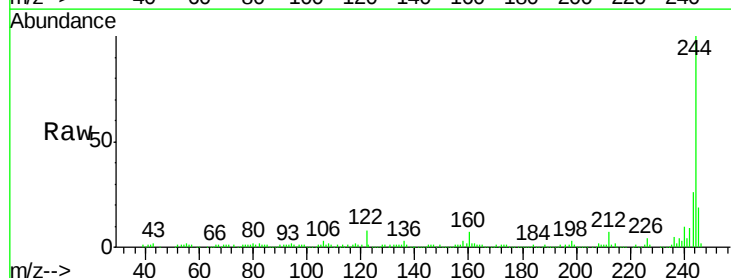
Tgt Ion:244 Resp: 198328

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

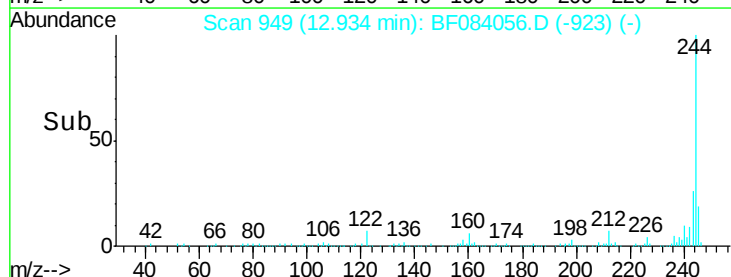
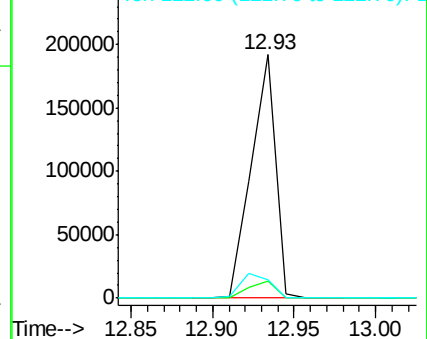
122 7.8 7.4 11.0

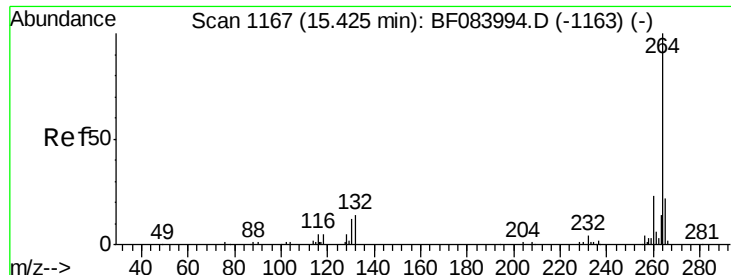


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084056.D
Acq: 24 Dec 2015 1:55

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 264 Resp: 89147
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.3 17.8 26.6

