

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083237.D
 Acq On : 24 Nov 2015 15:21
 Operator : UM/IZ
 Sample : G4503-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Nov 24 15:58:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 15:18:40 2015
 Response via : Initial Calibration

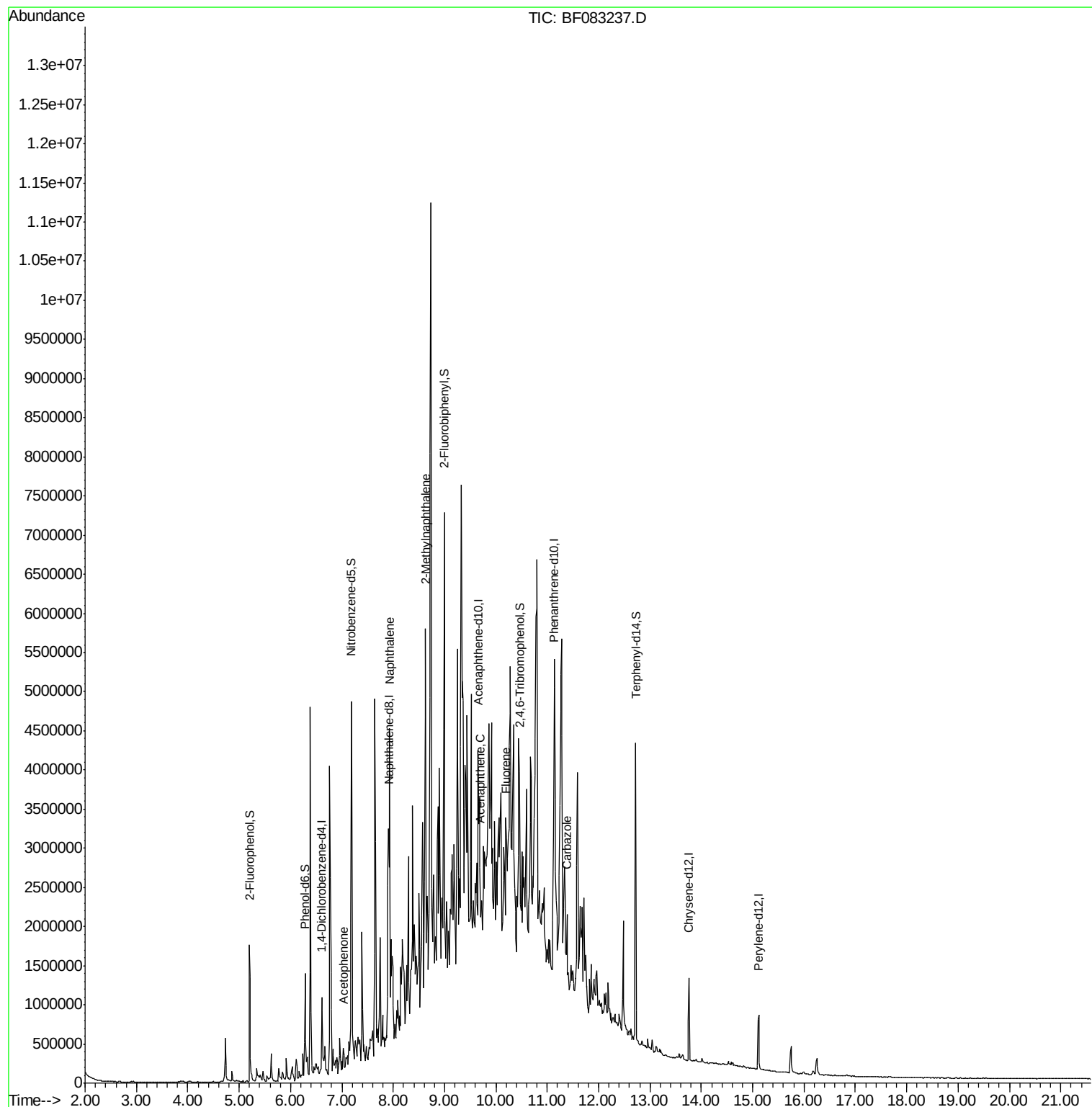
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	182853	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	694159	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	393548	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	537700	20.00	ng	0.00
75) Chrysene-d12	13.76	240	421388	20.00	ng	0.00
86) Perylene-d12	15.12	264	387430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	672226	55.58	ng	0.00
7) Phenol-d6	6.28	99	602742	38.52	ng	0.00
23) Nitrobenzene-d5	7.19	82	1372972	90.38	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	417612	103.72	ng	0.01
44) 2-Fluorobiphenyl	8.99	172	2075280	73.53	ng	0.00
78) Terphenyl-d14	12.72	244	1154298	64.51	ng	0.00
Target Compounds						
22) Acetophenone	7.03	105	67300	3.38	ng	Qvalue # 89
31) Naphthalene	7.93	128	1572166	41.97	ng	96
37) 2-Methylnaphthalene	8.63	142	1630325	67.05	ng	96
51) Acenaphthene	9.69	154	190152	7.66	ng	98
57) Fluorene	10.20	166	240072	8.28	ng	98
72) Carbazole	11.38	167	362765	12.91	ng	98

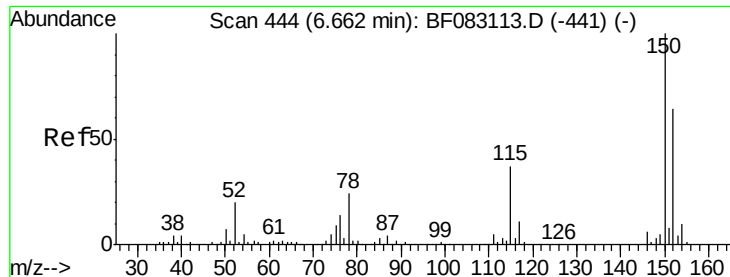
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 15:58:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:18:40 2015
Response via : Initial Calibration



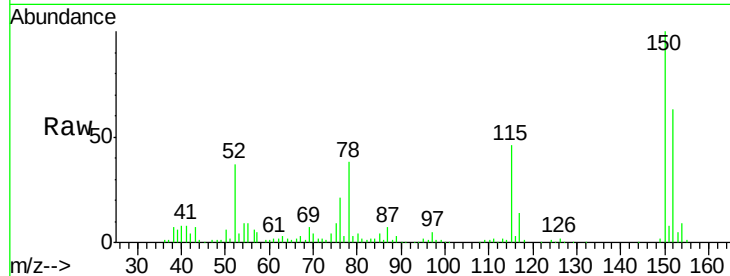


#1

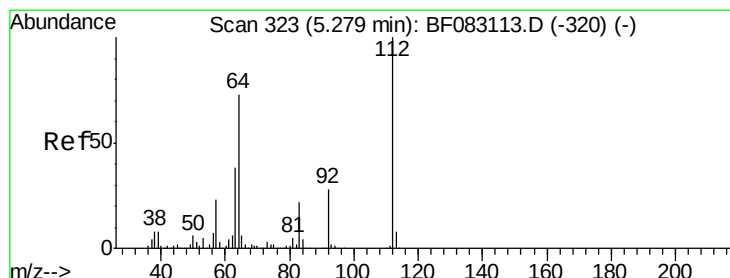
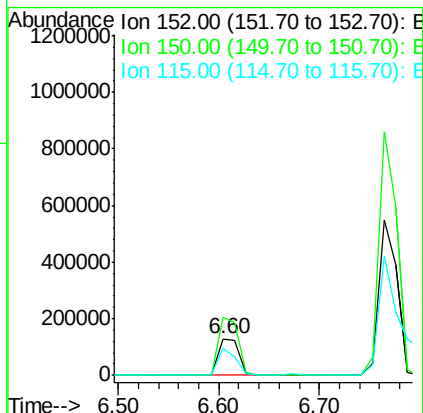
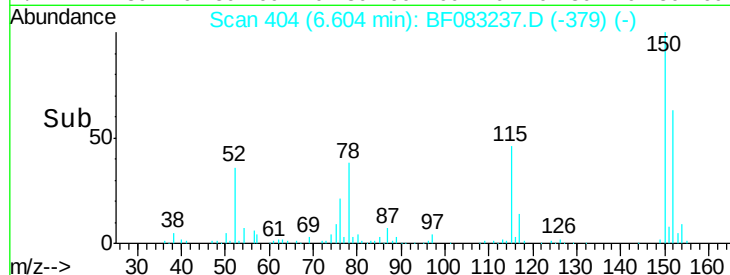
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: BF083237.D
 Acq: 24 Nov 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:152 Resp: 182853
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.8 188.8
 115 73.0 46.9 70.3#



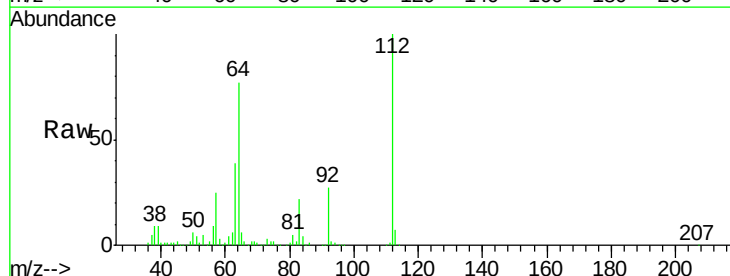
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



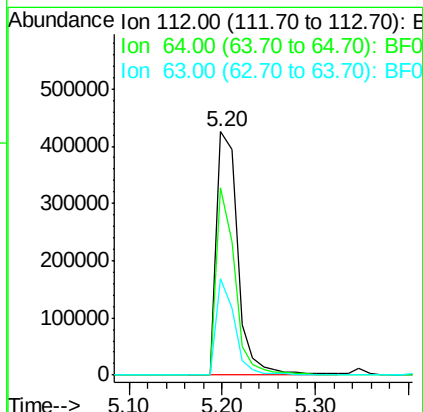
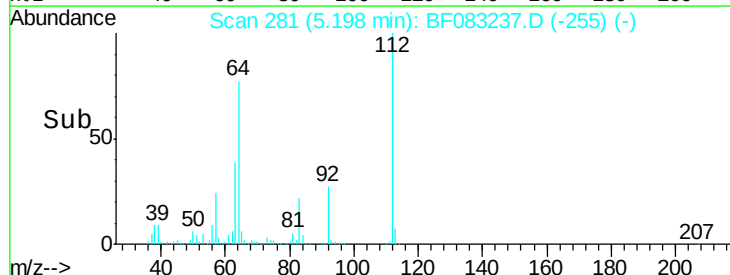
#5

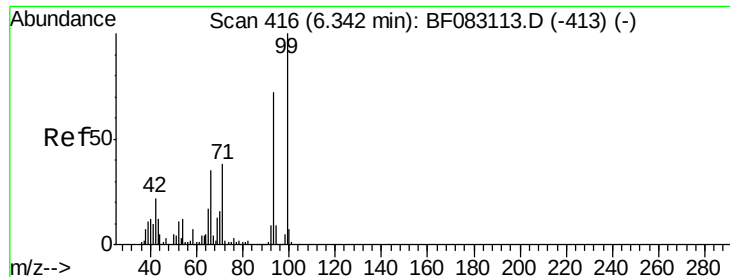
2-Fluorophenol
 Concen: 55.58 ng
 RT: 5.20 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BF083237.D
 Acq: 24 Nov 2015 15:21

Tgt Ion:112 Resp: 672226
 Ion Ratio Lower Upper
 112 100
 64 76.9 58.4 87.6
 63 39.4 30.0 45.0



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: 38.52 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF083237.D

Acq: 24 Nov 2015 15:21

Instrument :

BNA_F

ClientSampled :

MW-5

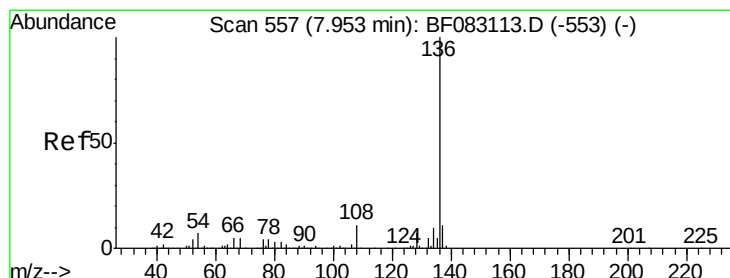
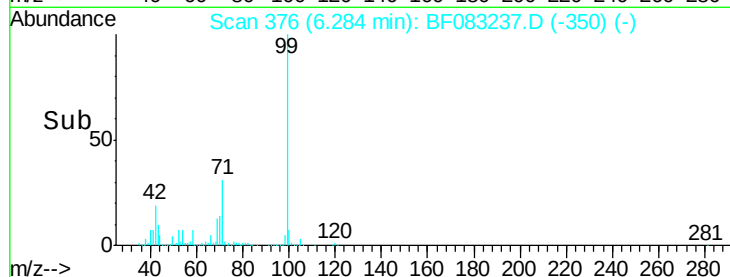
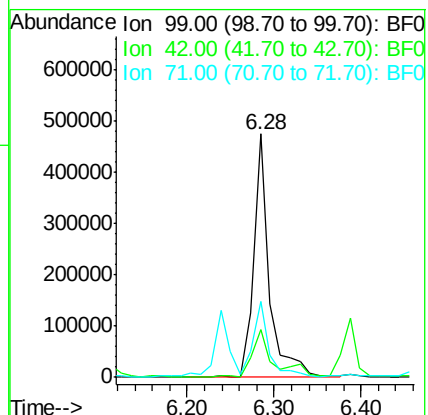
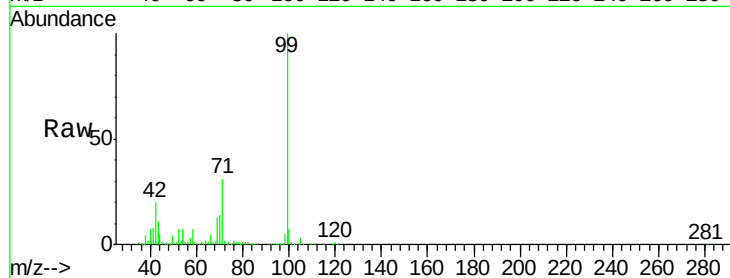
Tgt Ion: 99 Resp: 602742

Ion Ratio Lower Upper

99 100

42 19.6 17.7 26.5

71 31.1 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF083237.D

Acq: 24 Nov 2015 15:21

Tgt Ion: 136 Resp: 694159

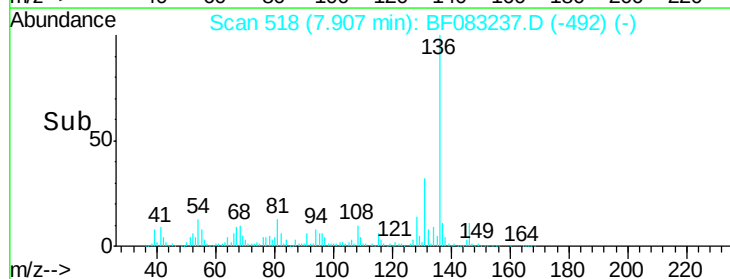
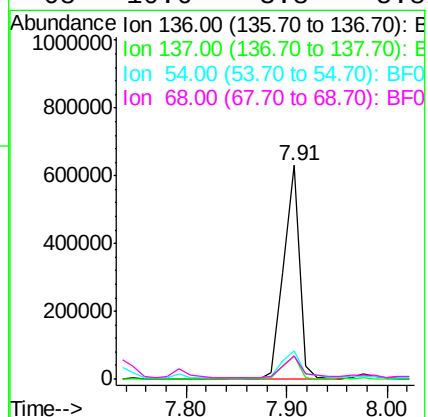
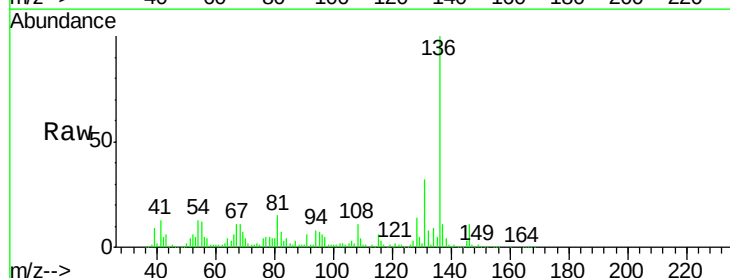
Ion Ratio Lower Upper

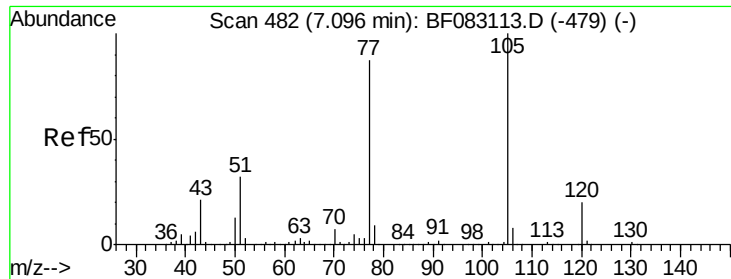
136 100

137 10.9 8.7 13.1

54 13.5 5.8 8.6#

68 10.6 3.8 5.8#

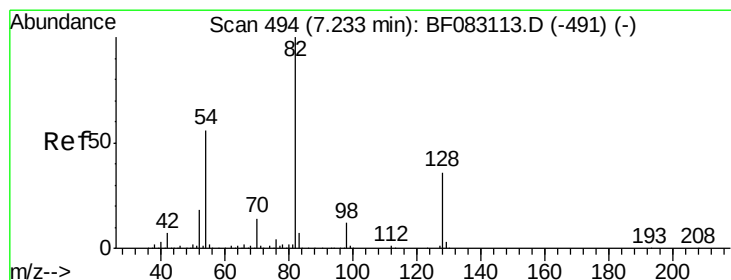
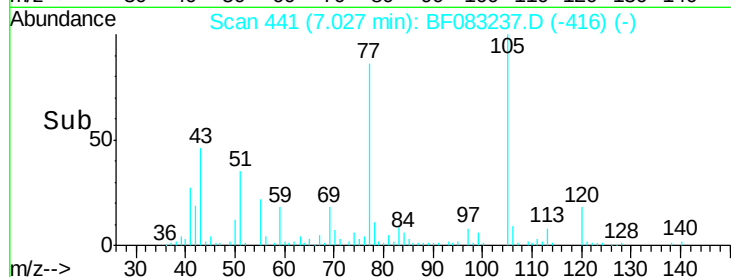
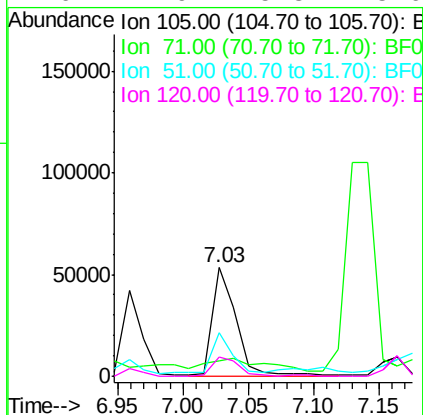
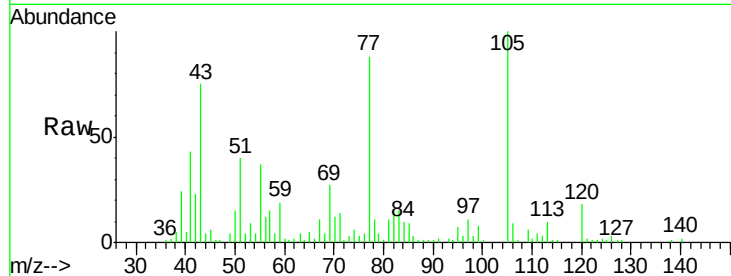




#22
Acetophenone
Concen: 3.38 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF083237.D
Acq: 24 Nov 2015 15:21

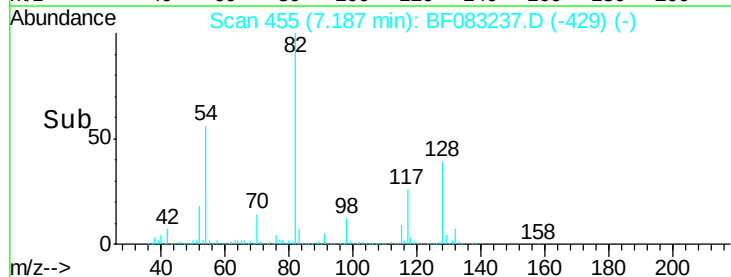
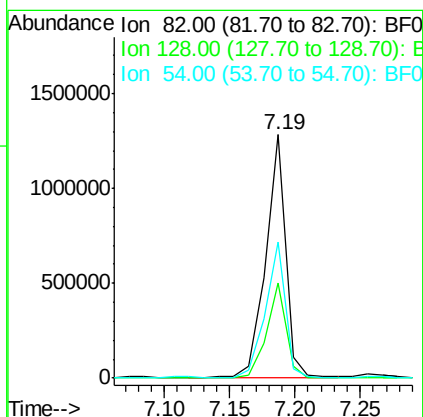
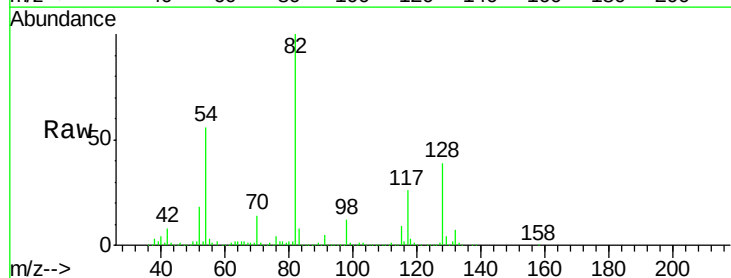
Instrument :
BNA_F
ClientSampleId :
MW-5

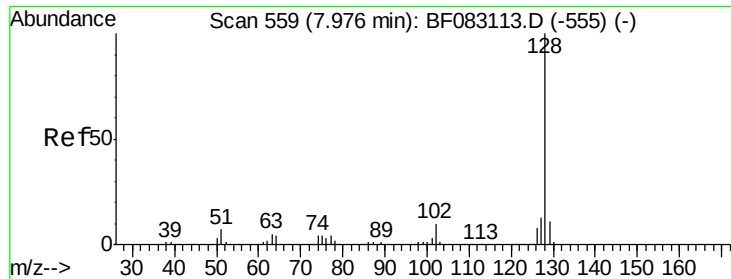
Tgt Ion: 105 Resp: 67300
Ion Ratio Lower Upper
105 100
71 13.6 1.0 1.4#
51 40.1 25.6 38.4#
120 17.9 15.8 23.6



#23
Nitrobenzene-d5
Concen: 90.38 ng
RT: 7.19 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF083237.D
Acq: 24 Nov 2015 15:21

Tgt Ion: 82 Resp: 1372972
Ion Ratio Lower Upper
82 100
128 39.1 28.5 42.7
54 55.7 44.6 67.0

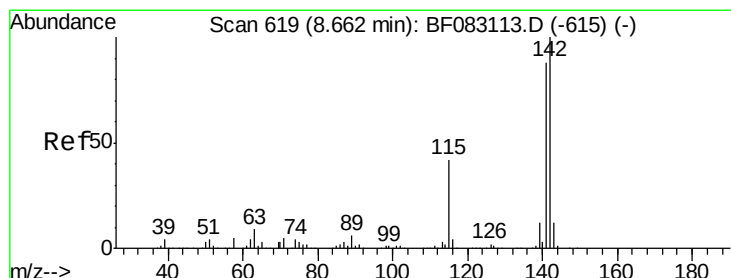
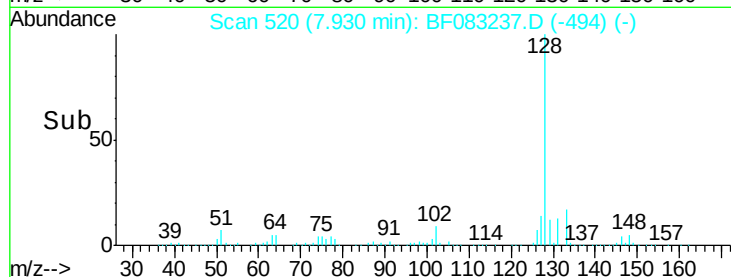
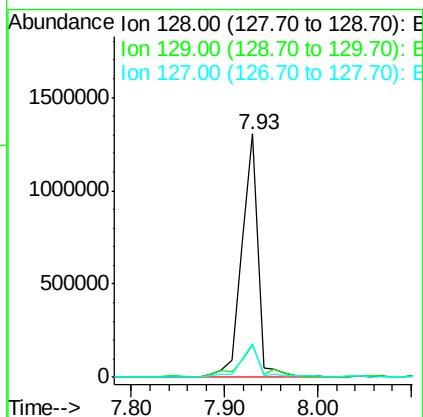
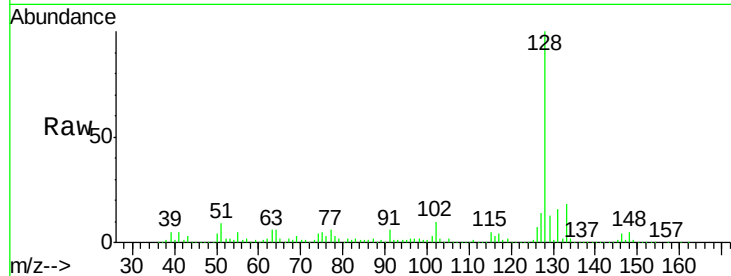




#31
Naphthalene
Concen: 41.97 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF083237.D
Acq: 24 Nov 2015 15:21

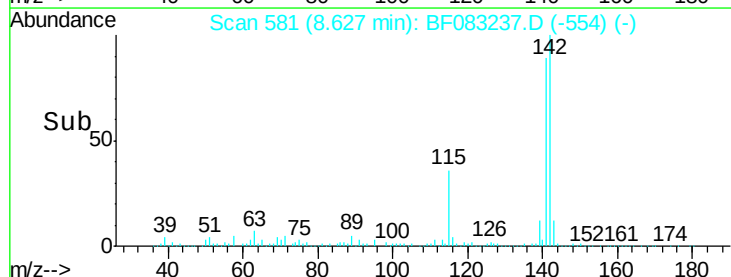
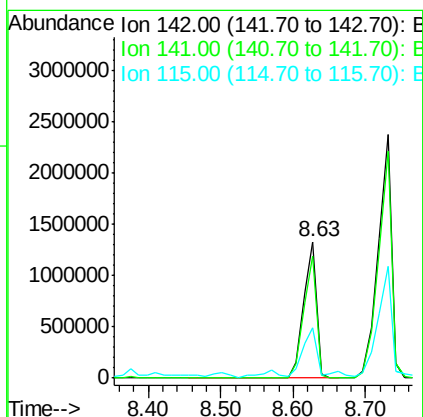
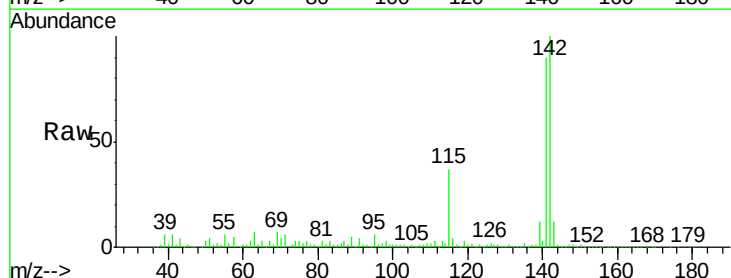
Instrument :
BNA_F
ClientSampleId :
MW-5

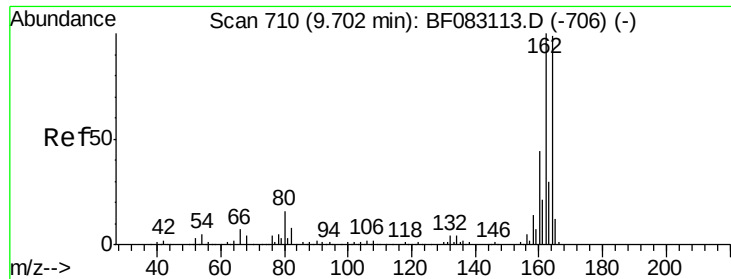
Tgt Ion:128 Resp: 1572166
Ion Ratio Lower Upper
128 100
129 13.4 9.0 13.4
127 14.1 10.6 15.8



#37
2-Methylnaphthalene
Concen: 67.05 ng
RT: 8.63 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF083237.D
Acq: 24 Nov 2015 15:21

Tgt Ion:142 Resp: 1630325
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5
115 36.6 33.4 50.2

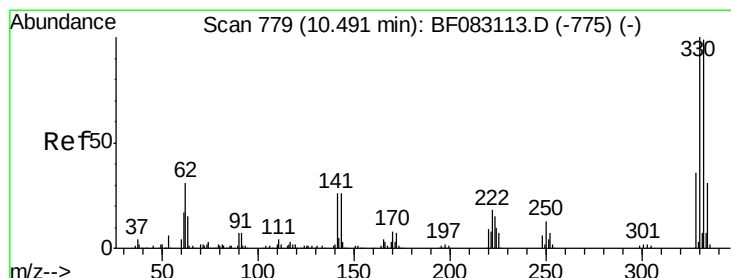
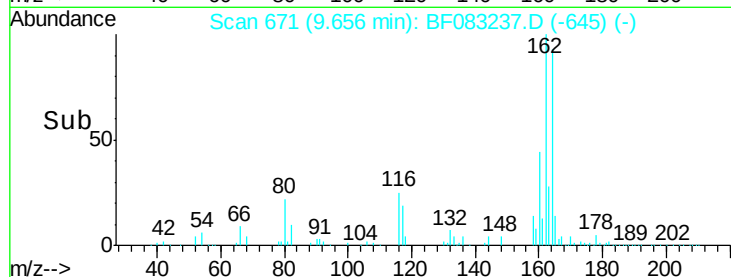
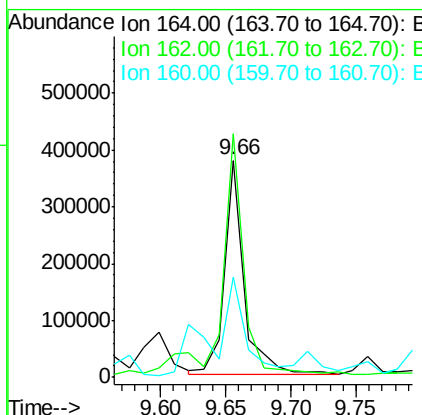
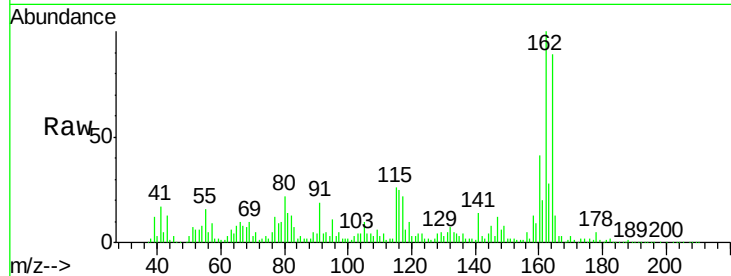




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF083237.D
Acq: 24 Nov 2015 15:21

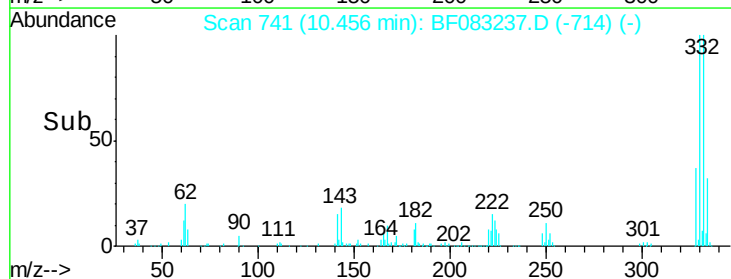
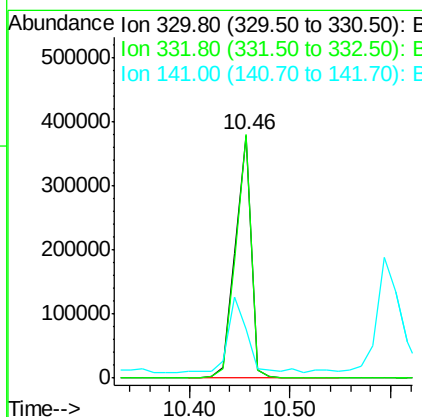
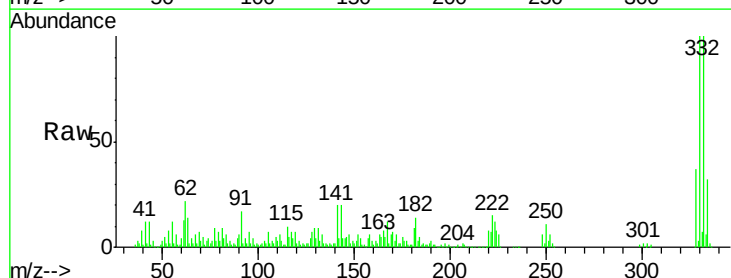
Instrument :
BNA_F
ClientSampleId :
MW-5

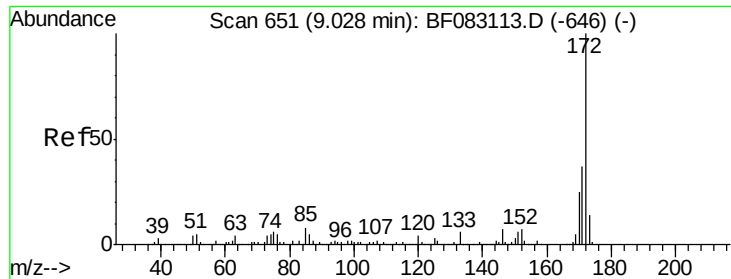
Tgt Ion:164 Resp: 393548
Ion Ratio Lower Upper
164 100
162 112.3 81.2 121.8
160 46.3 35.6 53.4



#41
2,4,6-Tribromophenol
Concen: 103.72 ng
RT: 10.46 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF083237.D
Acq: 24 Nov 2015 15:21

Tgt Ion:330 Resp: 417612
Ion Ratio Lower Upper
330 100
332 98.0 77.7 116.5
141 37.1 29.7 44.5

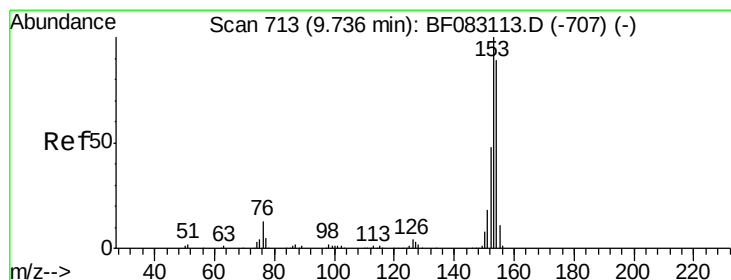
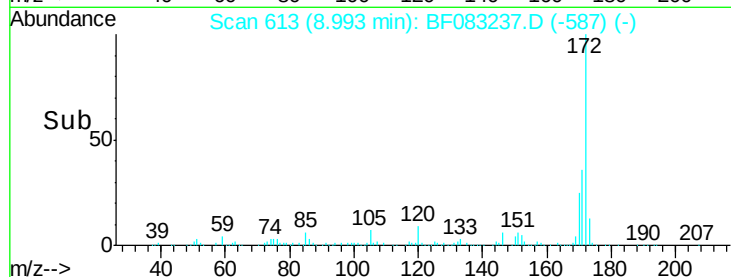
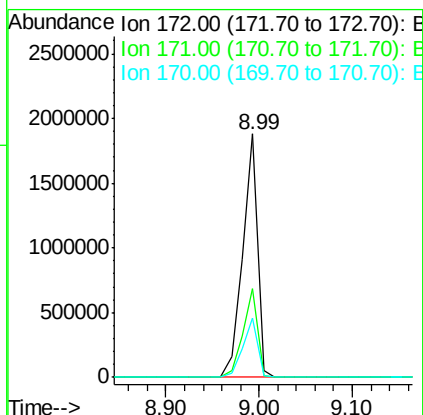
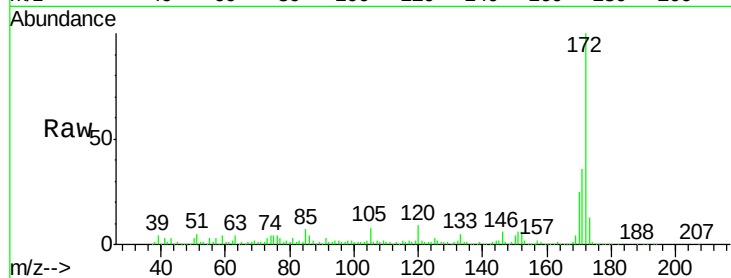




#44
2-Fluorobiphenyl
Concen: 73.53 ng
RT: 8.99 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF083237.D
Acq: 24 Nov 2015 15:21

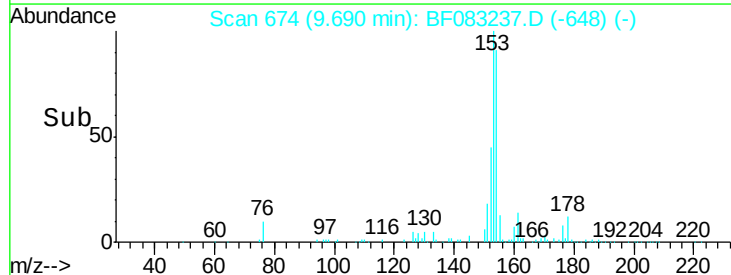
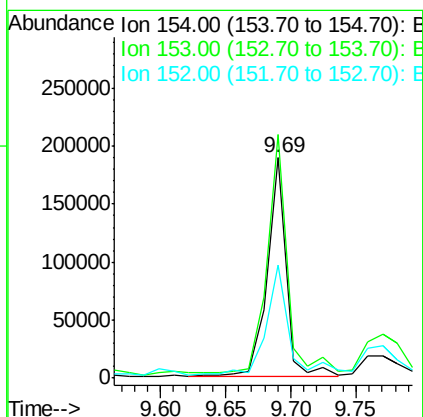
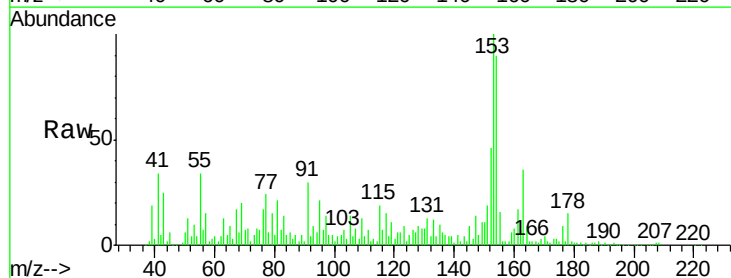
Instrument :
BNA_F
ClientSampleId :
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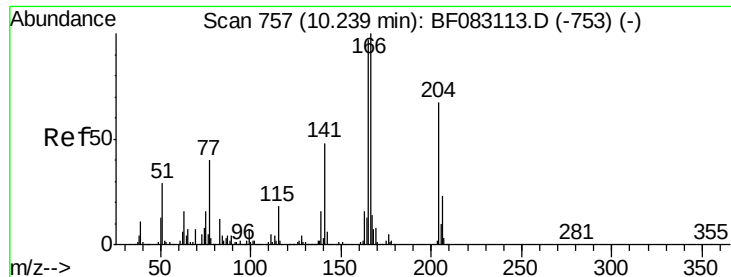
Tgt Ion:172 Resp: 2075280
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 24.6 19.9 29.9



#51
Acenaphthene
Concen: 7.66 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083237.D
Acq: 24 Nov 2015 15:21

Tgt Ion:154 Resp: 190152
Ion Ratio Lower Upper
154 100
153 110.5 89.6 134.4
152 51.3 43.3 64.9

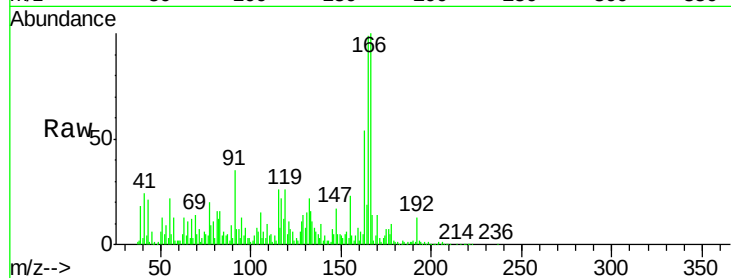




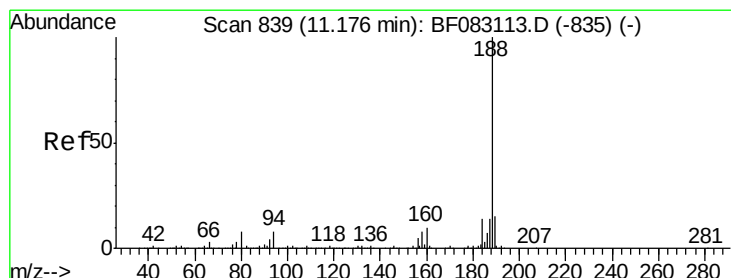
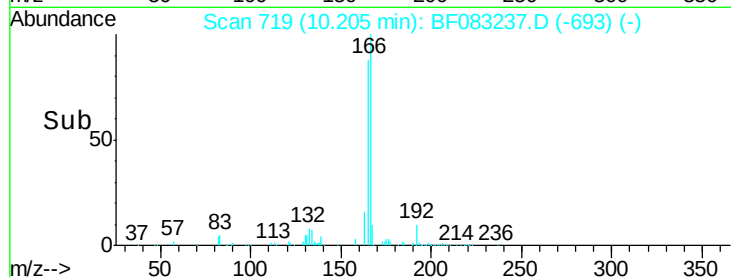
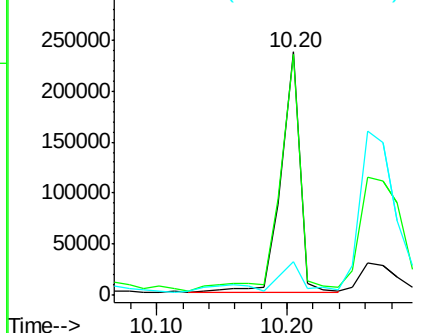
#57
 Fluorene
 Concen: 8.28 ng
 RT: 10.20 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF083237.D
 Acq: 24 Nov 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:166 Resp: 240072
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.0 117.0
 167 14.0 11.3 16.9

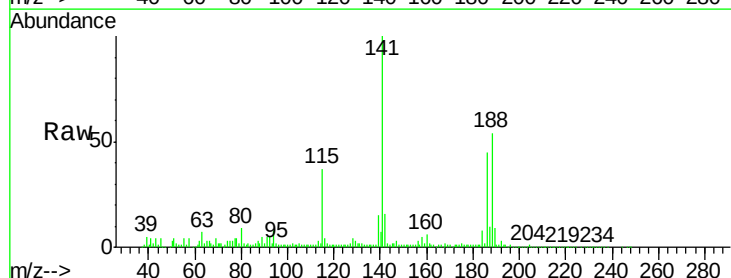


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

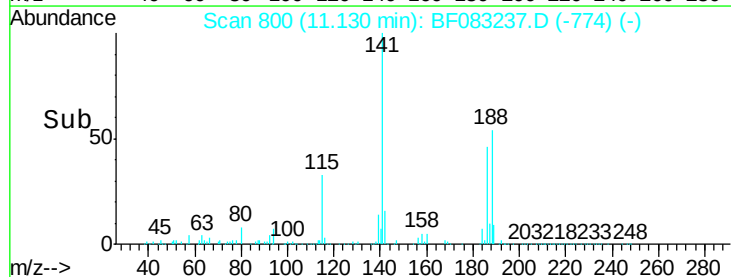
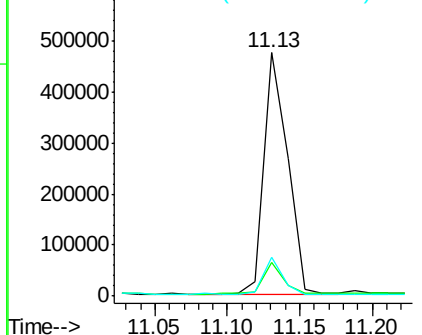


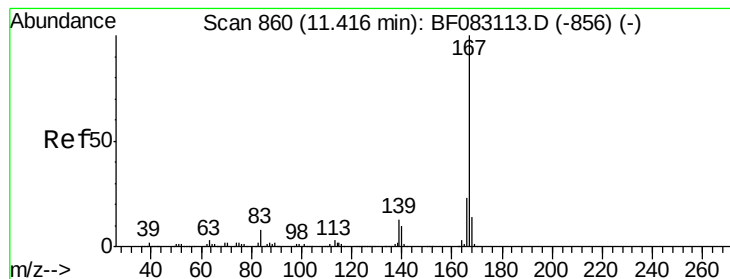
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF083237.D
 Acq: 24 Nov 2015 15:21

Tgt Ion:188 Resp: 537700
 Ion Ratio Lower Upper
 188 100
 94 13.9 6.0 9.0#
 80 15.9 6.7 10.1#



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





#72

Carbazole

Concen: 12.91 ng

RT: 11.38 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF083237.D

Acq: 24 Nov 2015 15:21

Instrument :

BNA_F

ClientSampleId :

MW-5

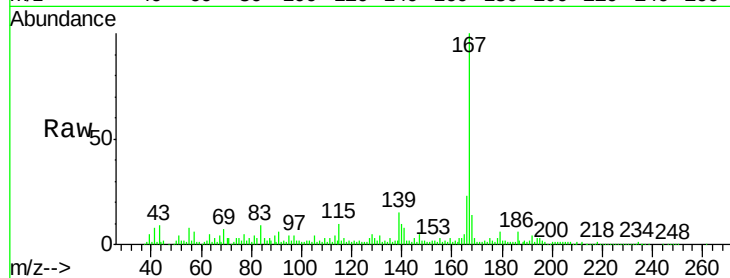
Tgt Ion:167 Resp: 362765

Ion Ratio Lower Upper

167 100

166 22.8 18.0 27.0

139 14.7 10.5 15.7

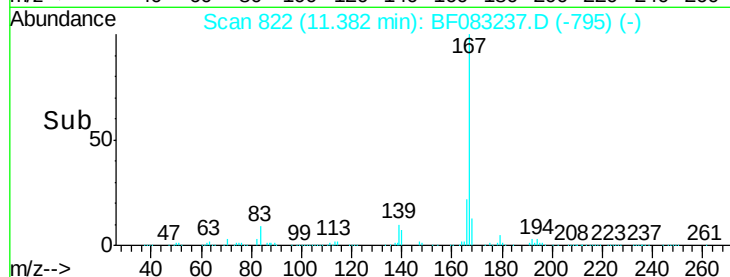


Abundance Ion 167.00 (166.70 to 167.70): E

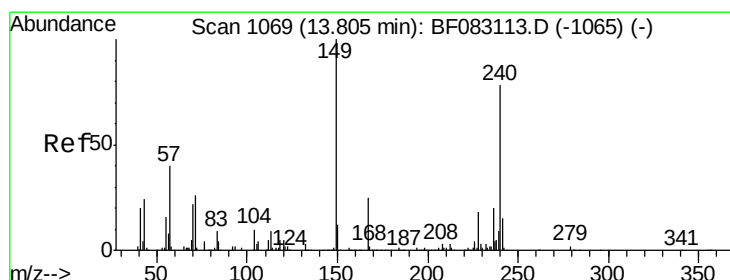
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF083237.D

Acq: 24 Nov 2015 15:21

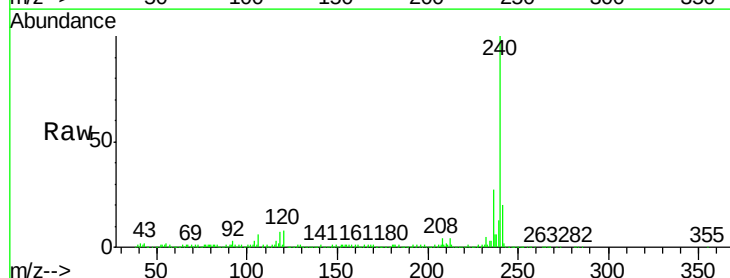
Tgt Ion:240 Resp: 421388

Ion Ratio Lower Upper

240 100

120 8.0 5.4 8.2

236 26.5 20.6 31.0

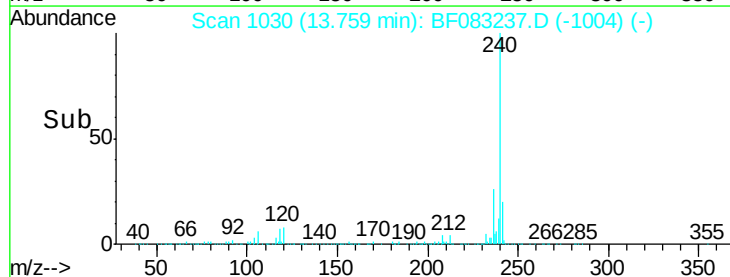


Abundance Ion 240.00 (239.70 to 240.70): E

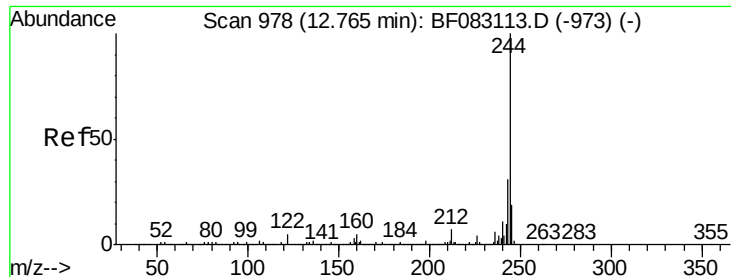
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



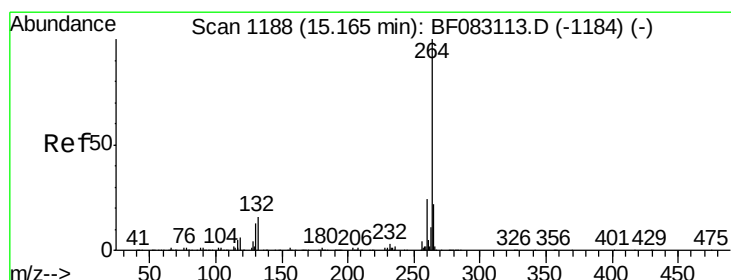
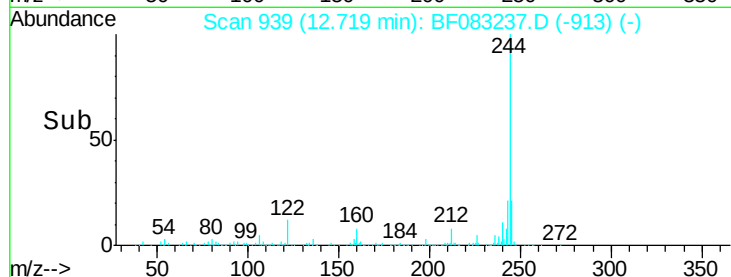
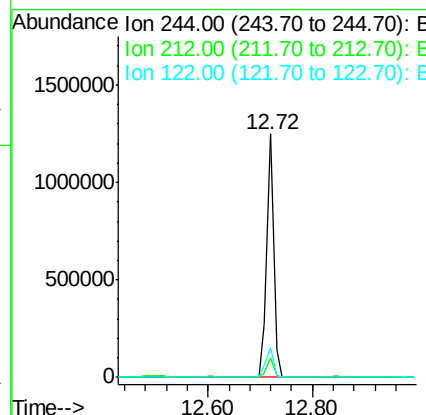
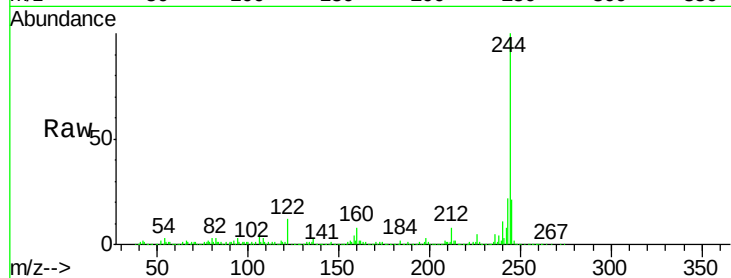
Time-->



#78
 Terphenyl-d14
 Concen: 64.51 ng
 RT: 12.72 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF083237.D
 Acq: 24 Nov 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:244 Resp: 1154298
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 12.3 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF083237.D
 Acq: 24 Nov 2015 15:21

Tgt Ion:264 Resp: 387430
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.0 18.2 27.4

