

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083198.D
 Acq On : 23 Nov 2015 11:41
 Operator : UM/IZ
 Sample : G4437-08
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Nov 24 04:44:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	211312	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	783051	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	382627	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	707508	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	636137	20.00	ng	-0.03
86) Perylene-d12	15.14	264	513057	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	792190	56.68	ng	-0.04
7) Phenol-d6	6.30	99	672967	37.21	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1483931	86.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	523259	133.67	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2490992	90.78	ng	-0.01
78) Terphenyl-d14	12.74	244	2211379	81.86	ng	-0.02

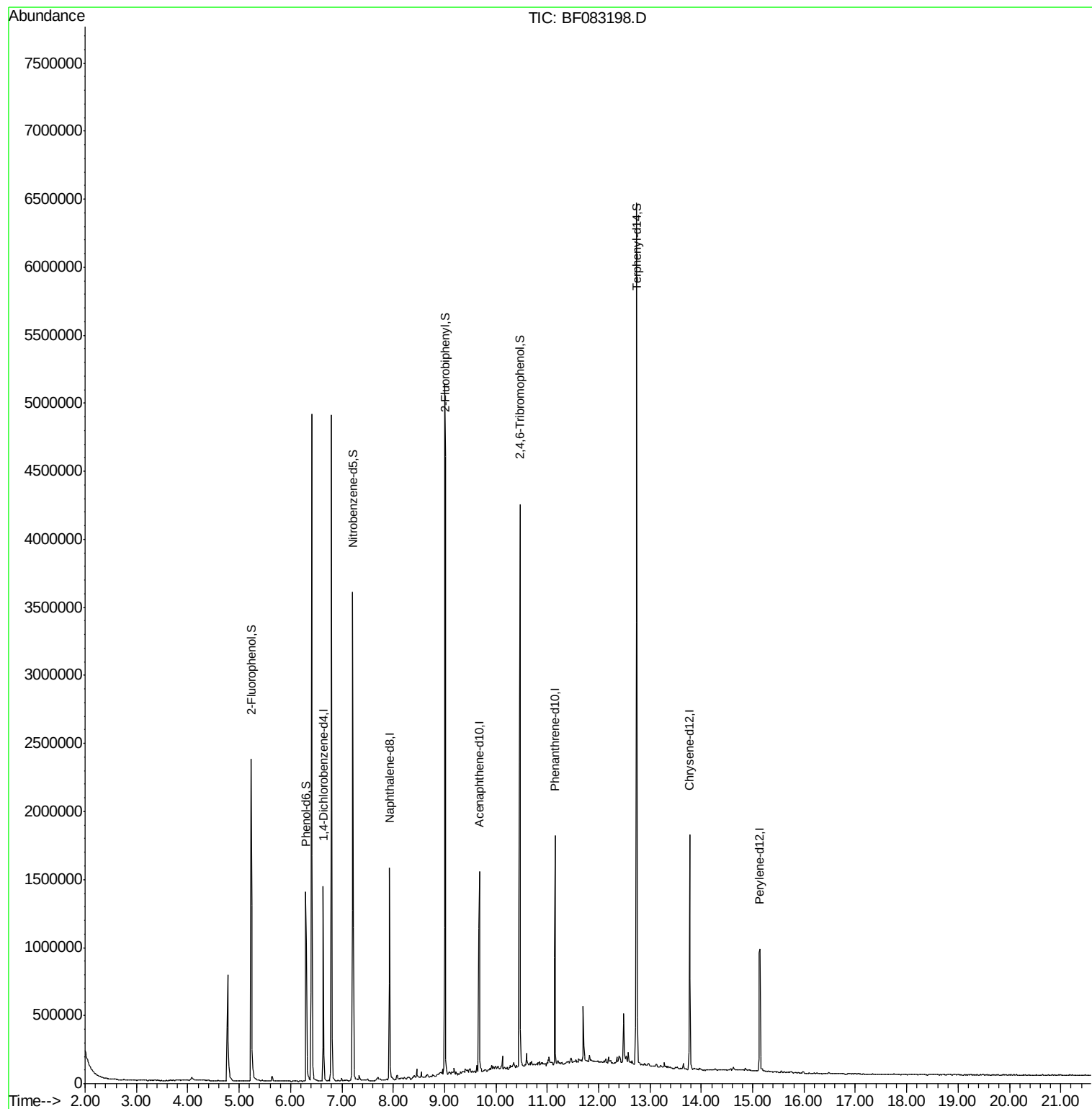
Target Compounds Qvalue

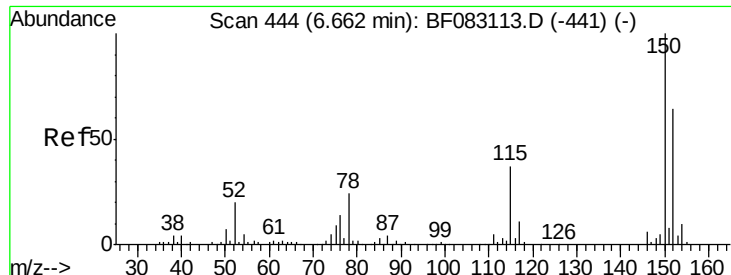
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 04:44:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
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QLast Update : Sun Nov 22 09:22:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

Instrument :

BNA_F

ClientSampleId :

MW-06

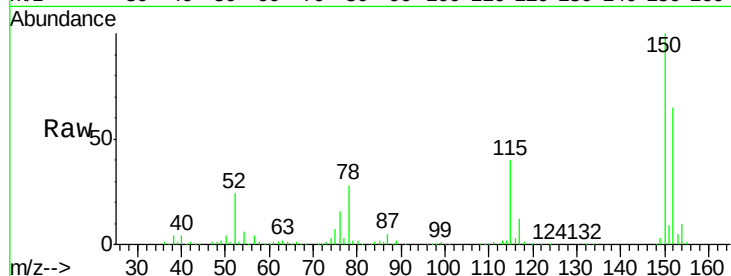
Tot Ion:152 Resp: 211312

Ion Ratio Lower Upper

152 100

150 153.7 125.8 188.8

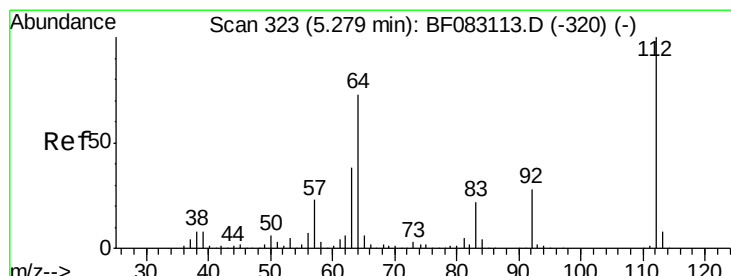
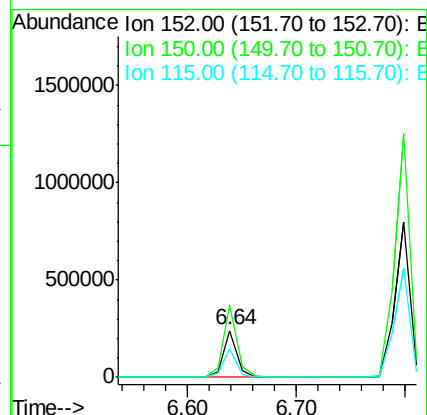
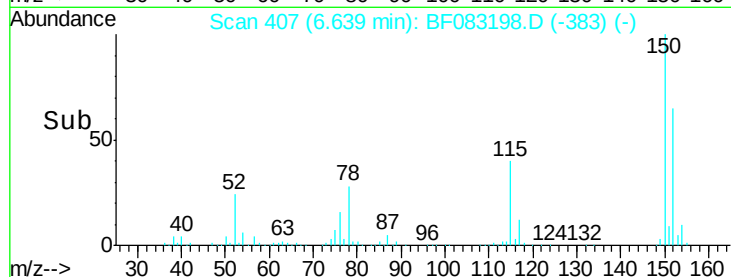
115 62.1 46.9 70.3



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: 56.68 ng

RT: 5.23 min Scan# 284

Delta R.T. -0.04 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

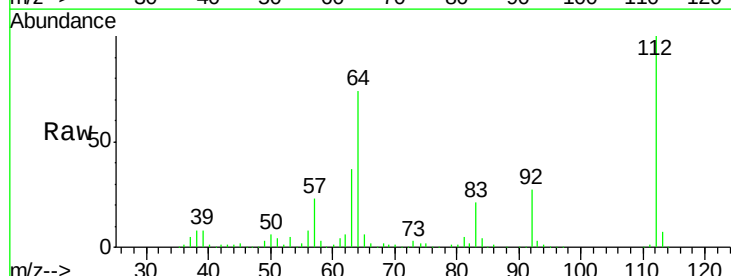
Tgt Ion:112 Resp: 792190

Ion Ratio Lower Upper

112 100

64 74.3 58.4 87.6

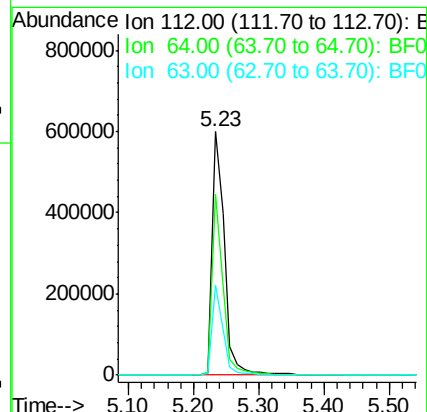
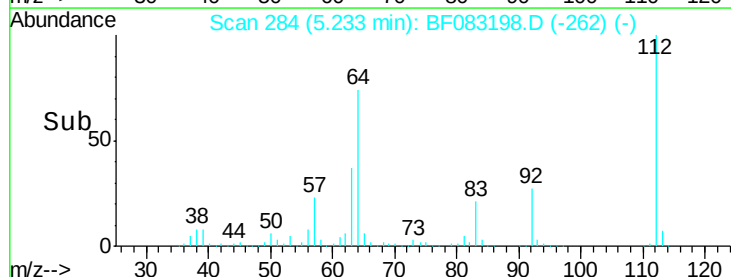
63 36.7 30.0 45.0

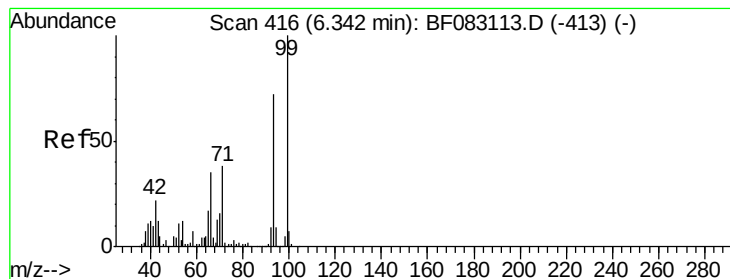


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.21 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

Instrument :

BNA_F

ClientSampleId :

MW-06

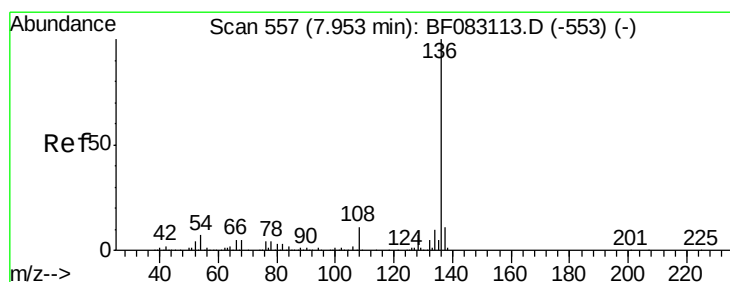
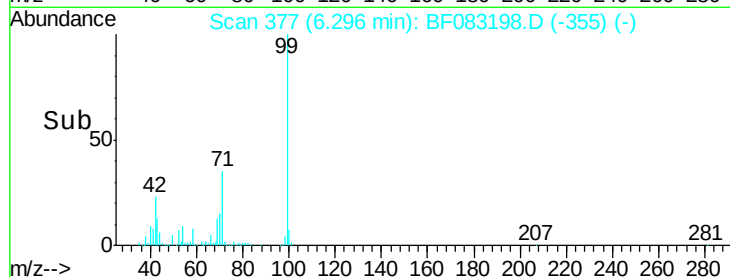
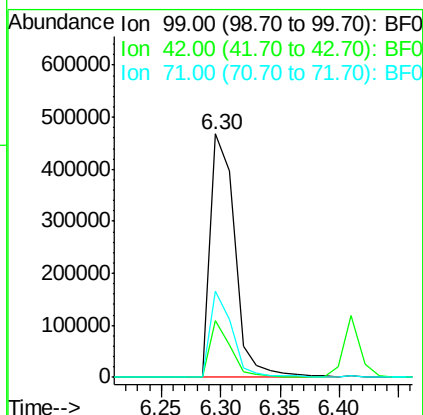
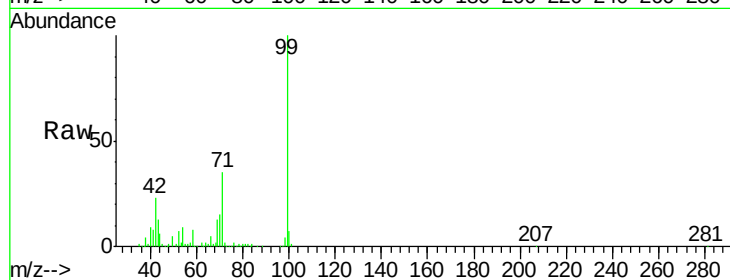
Tot Ion: 99 Resp: 672967

Ion Ratio Lower Upper

99 100

42 23.3 17.7 26.5

71 35.2 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

Tgt Ion: 136 Resp: 783051

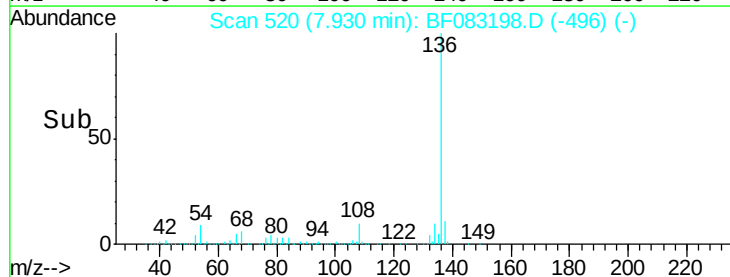
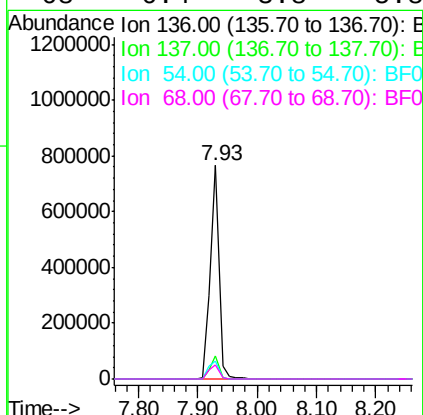
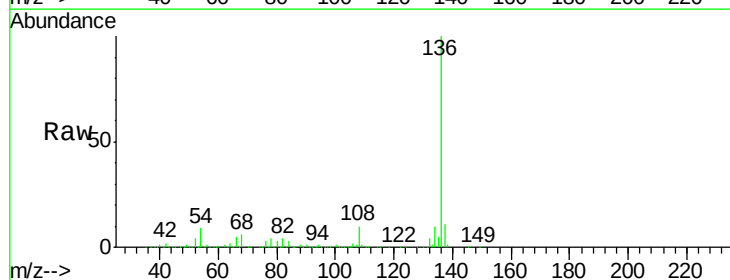
Ion Ratio Lower Upper

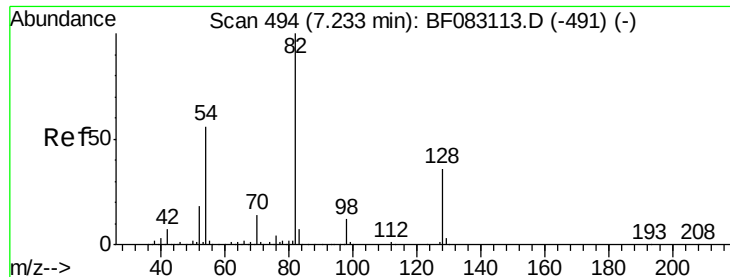
136 100

137 11.0 8.7 13.1

54 8.6 5.8 8.6

68 6.4 3.8 5.8#

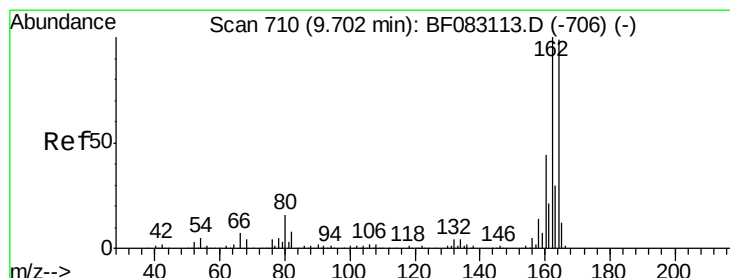
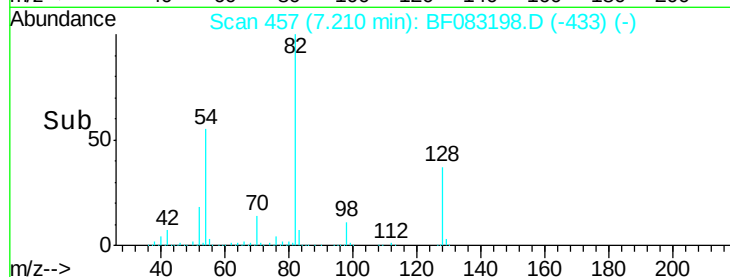
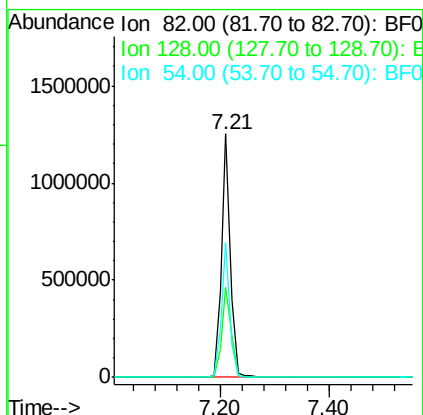
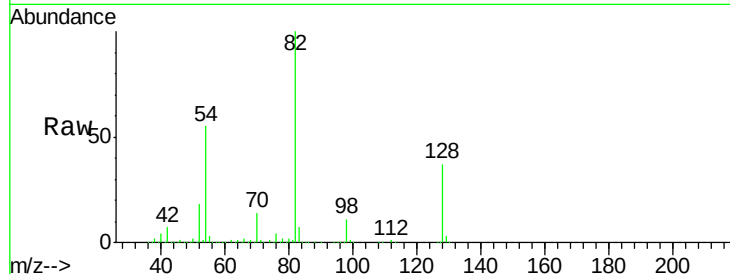




#23
Nitrobenzene-d5
Concen: 86.59 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083198.D
Acq: 23 Nov 2015 11:41

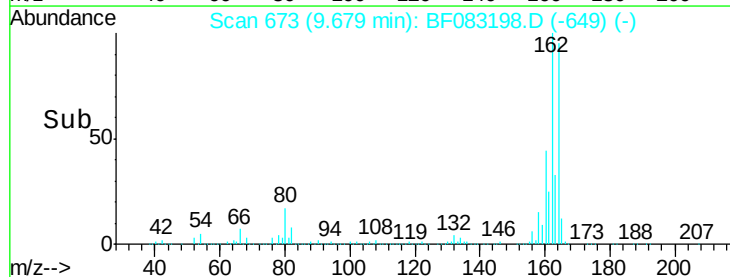
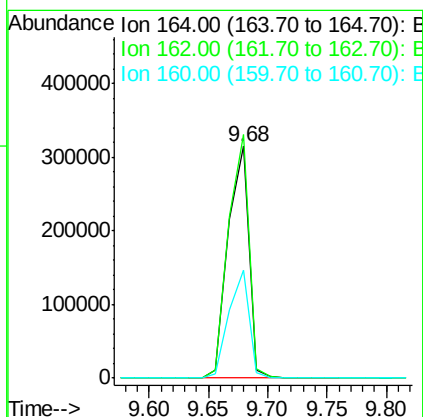
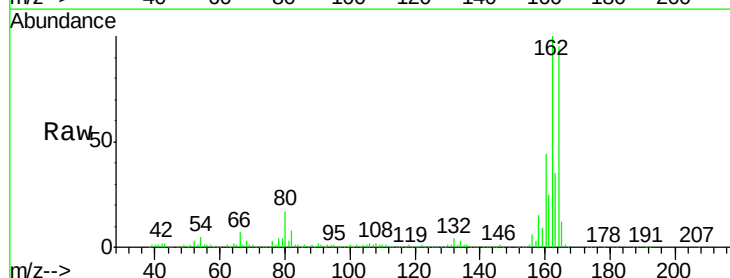
Instrument :
BNA_F
ClientSampleId :
MW-06

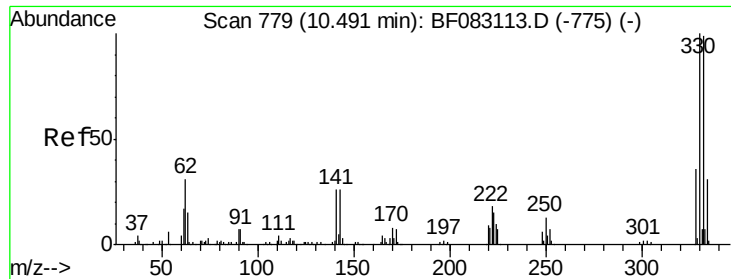
Tot Ion: 82 Resp: 1483931
Ion Ratio Lower Upper
82 100
128 37.1 28.5 42.7
54 55.2 44.6 67.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083198.D
Acq: 23 Nov 2015 11:41

Tgt Ion:164 Resp: 382627
Ion Ratio Lower Upper
164 100
162 104.9 81.2 121.8
160 46.5 35.6 53.4

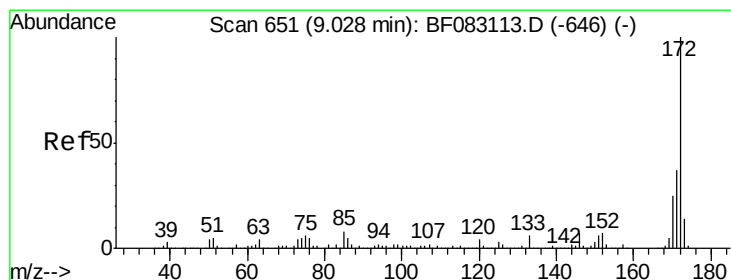
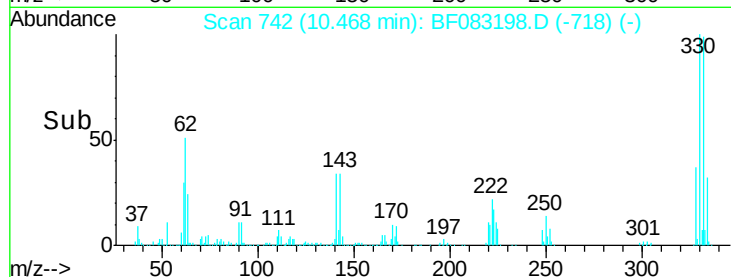
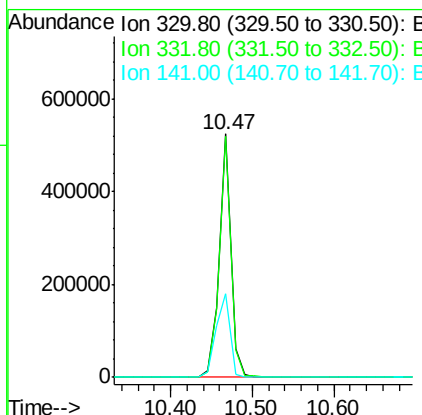
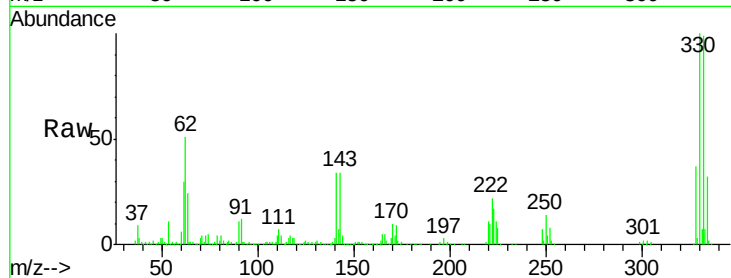




#41
 2,4,6-Tribromophenol
 Concen: 133.67 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083198.D
 Acq: 23 Nov 2015 11:41

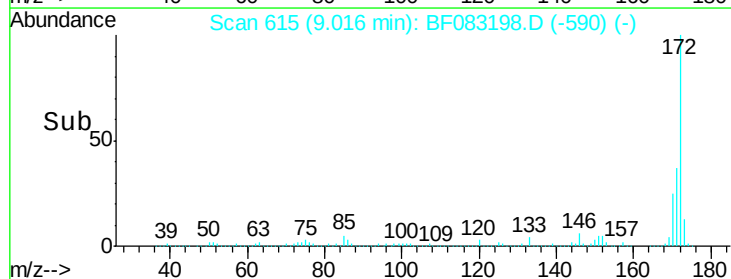
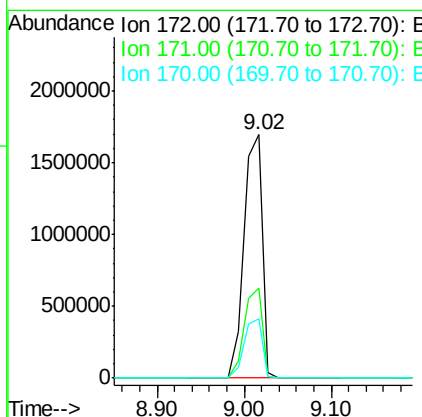
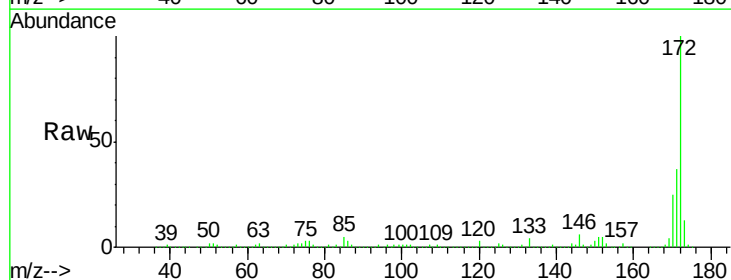
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

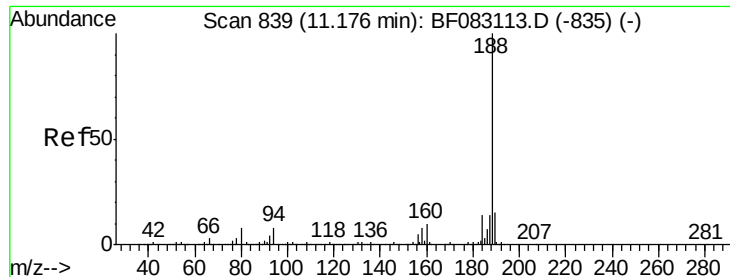
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.7	116.5
141	41.0	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 90.78 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083198.D
 Acq: 23 Nov 2015 11:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	24.6	19.9	29.9

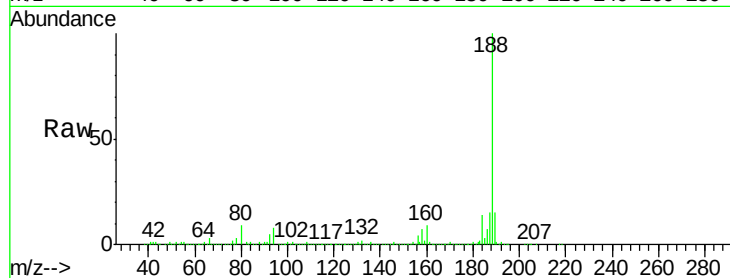




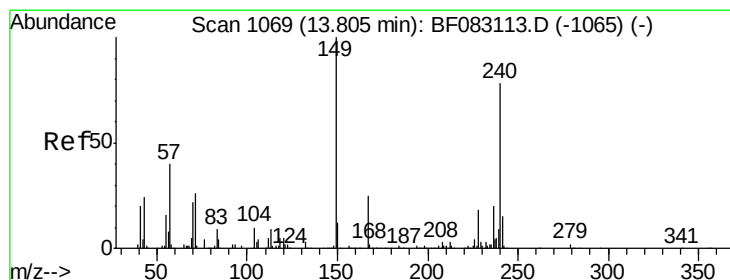
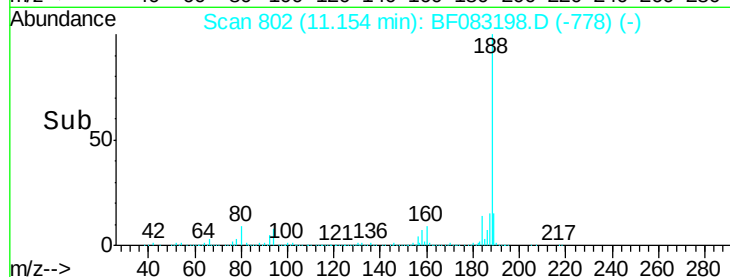
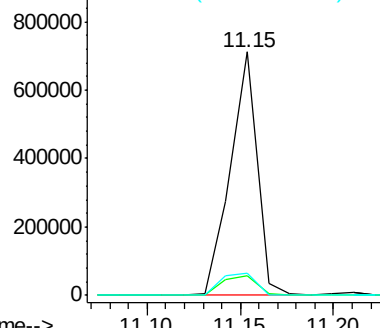
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083198.D
Acq: 23 Nov 2015 11:41

Instrument :
BNA_F
ClientSampleId :
MW-06

Tot Ion:188 Resp: 707508
Ion Ratio Lower Upper
188 100
94 8.2 6.0 9.0
80 9.2 6.7 10.1

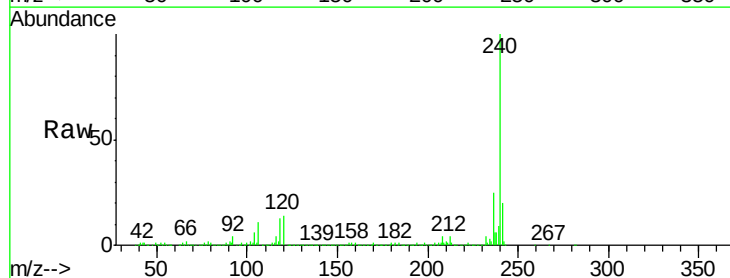


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

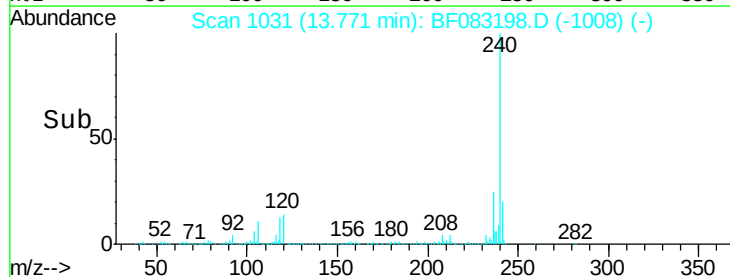
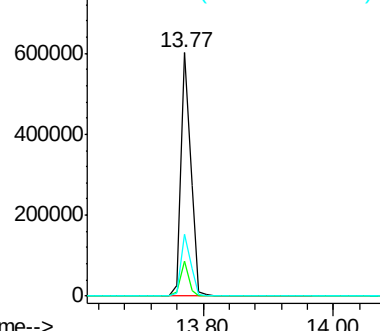


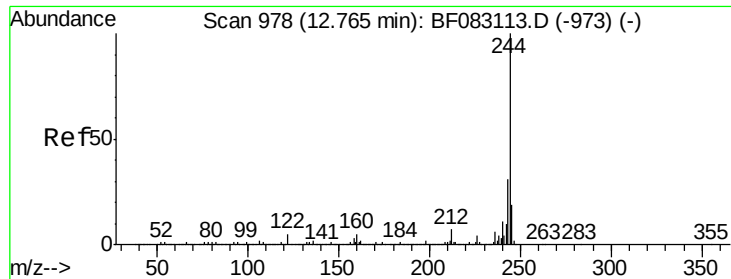
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF083198.D
Acq: 23 Nov 2015 11:41

Tgt Ion:240 Resp: 636137
Ion Ratio Lower Upper
240 100
120 14.4 5.4 8.2#
236 25.3 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

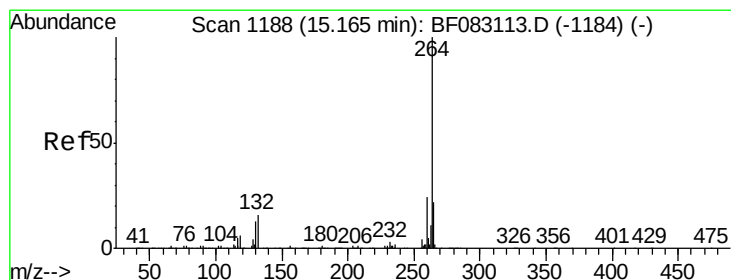
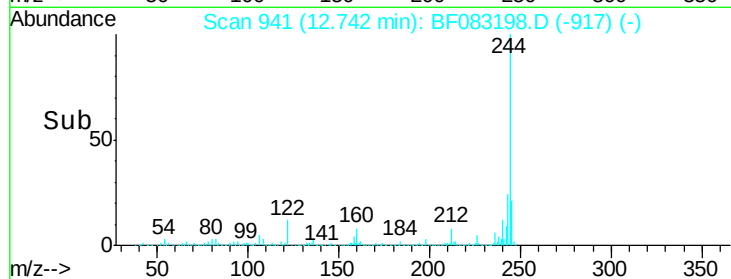
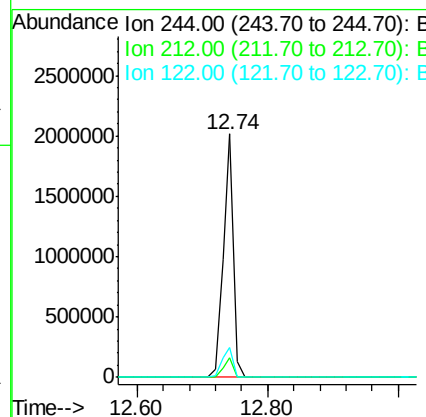
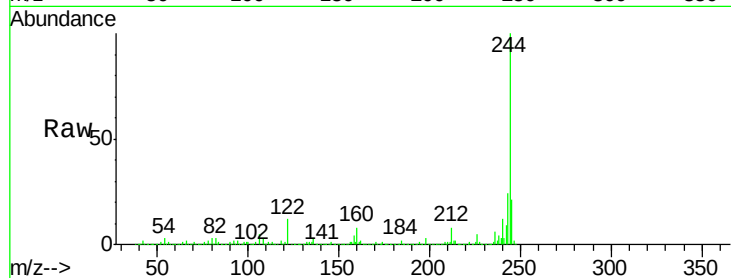




#78
 Terphenyl-d14
 Concen: 81.86 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083198.D
 Acq: 23 Nov 2015 11:41

Instrument :
 BNA_F
 ClientSampled :
 MW-06

Tot Ion:244 Resp: 2211379
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 12.3 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF083198.D
 Acq: 23 Nov 2015 11:41

Tgt Ion:264 Resp: 513057
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 20.6 18.2 27.4

