

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
 Data File : BF081280.D
 Acq On : 29 Aug 2015 19:54
 Operator : UM/IZ
 Sample : G3467-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Aug 31 02:00:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 00:56:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	62130	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	239712	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	114689	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	217303	20.00	ng	0.00
75) Chrysene-d12	13.59	240	173411	20.00	ng	-0.01
86) Perylene-d12	14.92	264	140978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	180902	43.79	ng	0.01
7) Phenol-d6	6.13	99	150143	27.86	ng	-0.01
23) Nitrobenzene-d5	7.05	82	349160	66.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	101418	102.01	ng	-0.01
44) 2-Fluorobiphenyl	8.85	172	635022	72.55	ng	-0.01
78) Terphenyl-d14	12.57	244	614835	76.01	ng	0.00

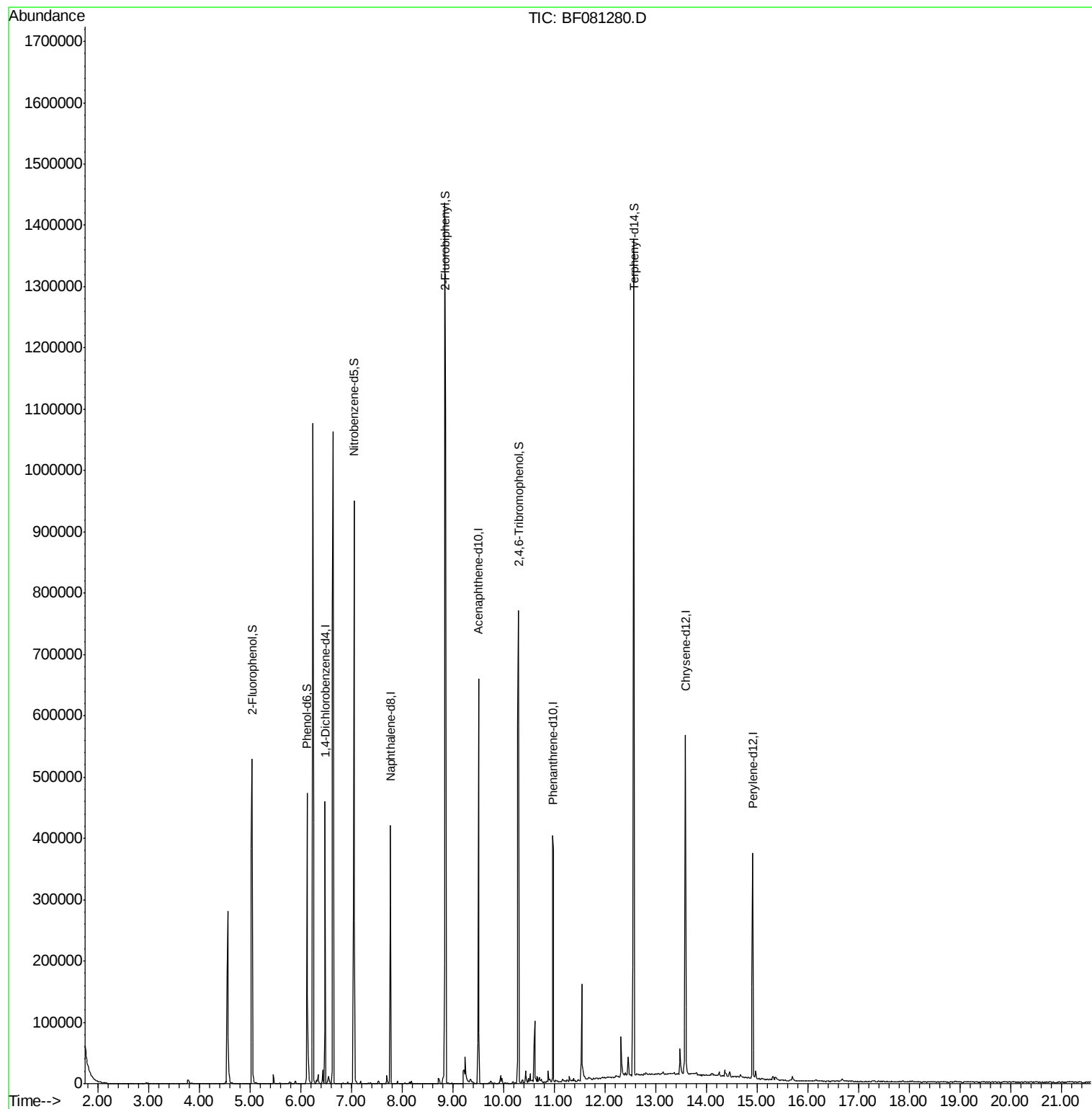
Target Compounds	Qvalue
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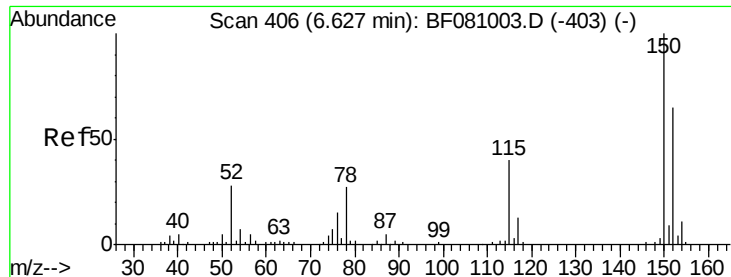
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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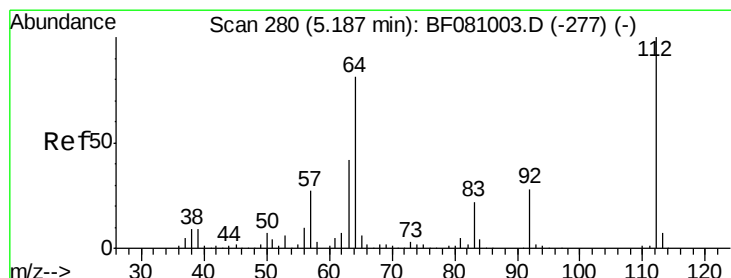
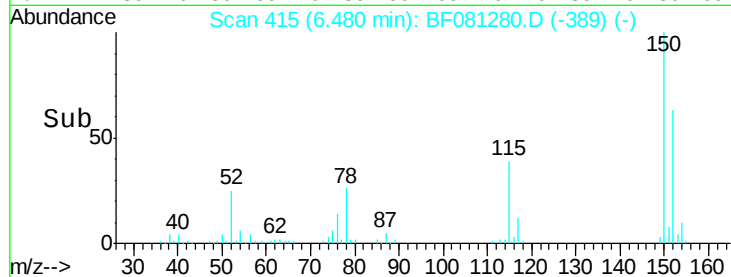
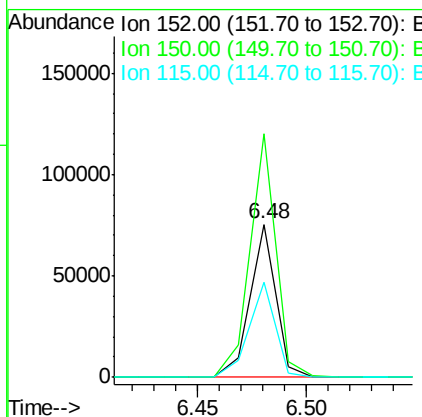
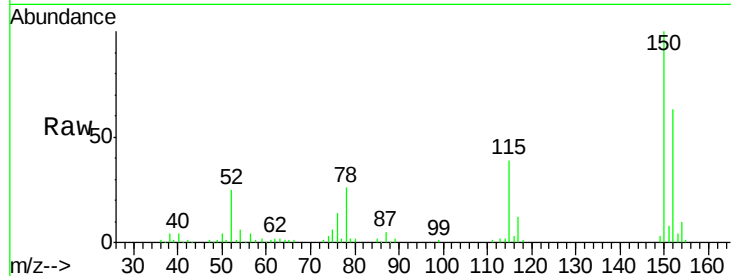


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF081280.D
Acq: 29 Aug 2015 19:54

Instrument :
BNA_F
ClientSampleId :
MW-1

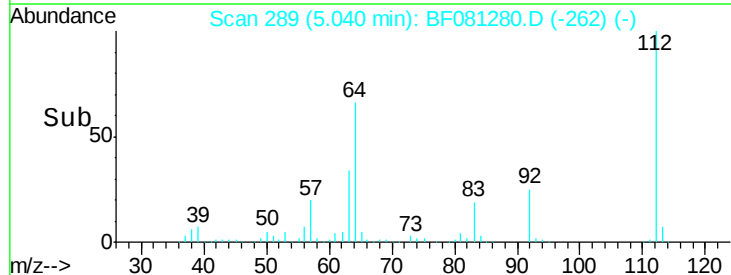
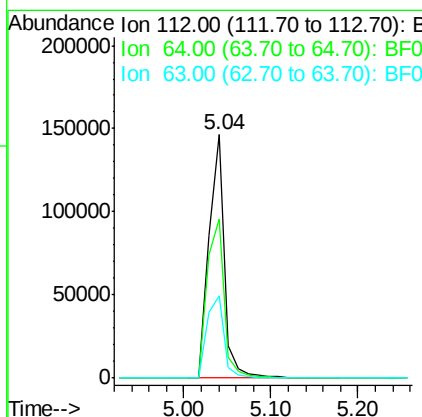
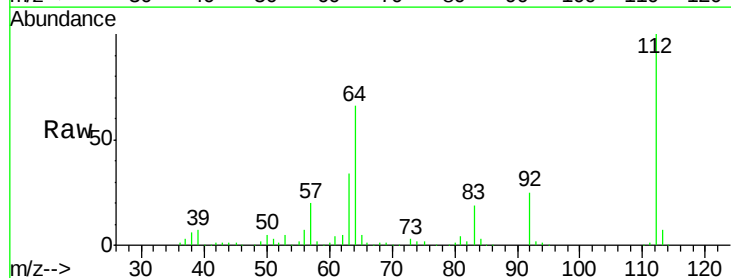
Tgt Ion:152 Resp: 62130
Ion Ratio Lower Upper
152 100
150 159.1 123.8 185.6
115 62.3 52.1 78.1

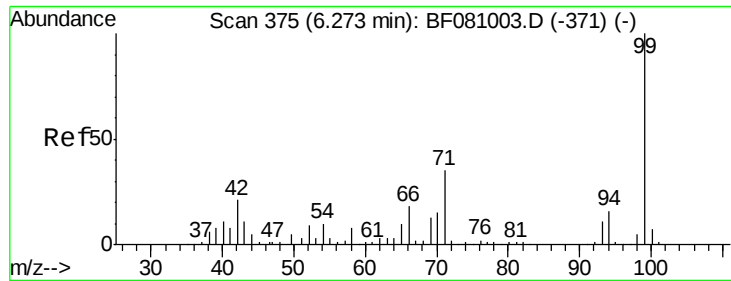


#5

2-Fluorophenol
Concen: 43.79 ng
RT: 5.04 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF081280.D
Acq: 29 Aug 2015 19:54

Tgt Ion:112 Resp: 180902
Ion Ratio Lower Upper
112 100
64 65.6 66.9 100.3#
63 34.1 38.1 57.1#





#7

Phenol-d6

Concen: 27.86 ng

RT: 6.13 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF081280.D

Acq: 29 Aug 2015 19:54

Instrument :

BNA_F

ClientSampleId :

MW-1

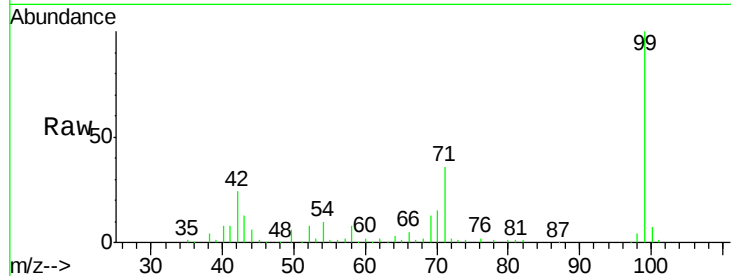
Tgt Ion: 99 Resp: 150143

Ion Ratio Lower Upper

99 100

42 23.8 19.6 29.4

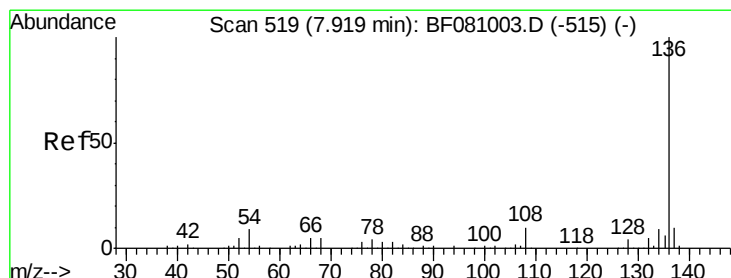
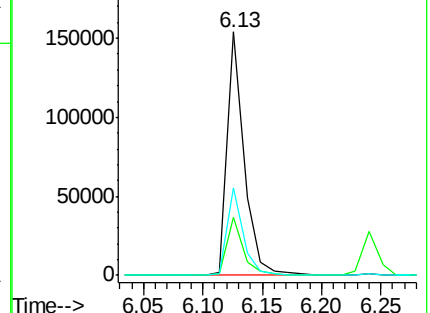
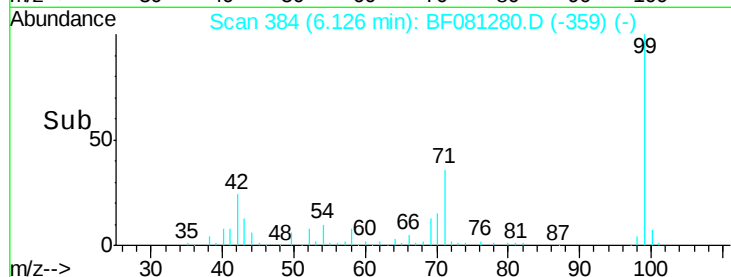
71 36.0 31.2 46.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF081280.D

Acq: 29 Aug 2015 19:54

Tgt Ion: 136 Resp: 239712

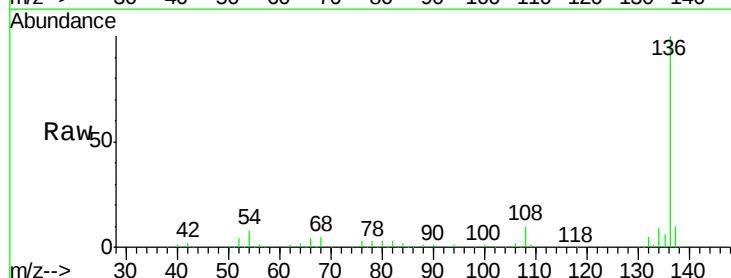
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.2

54 8.1 7.7 11.5

68 4.5 3.4 5.2

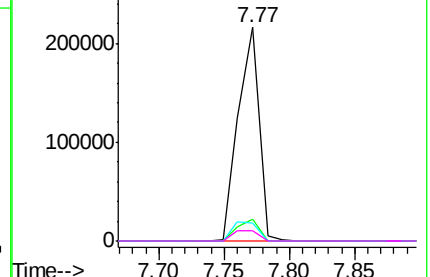
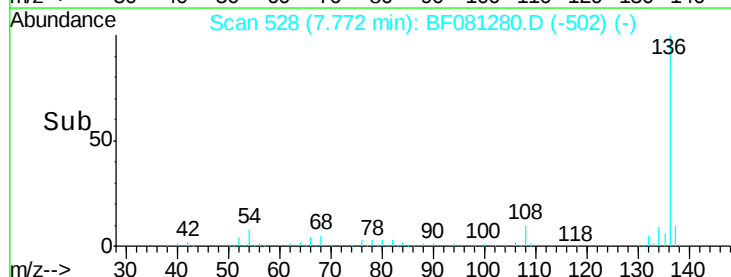


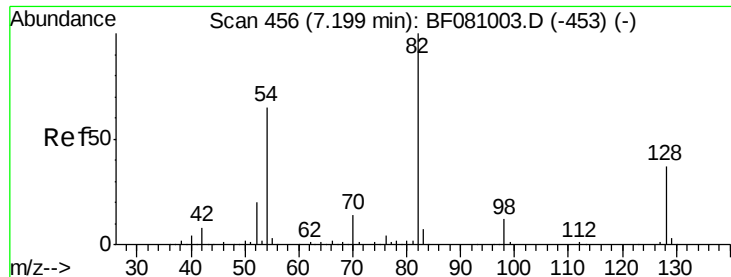
Abundance Ion 136.00 (135.70 to 136.70): E

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

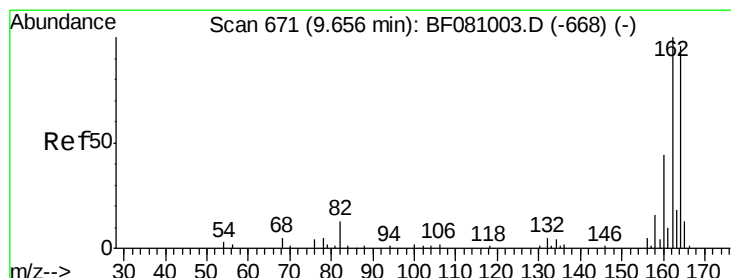
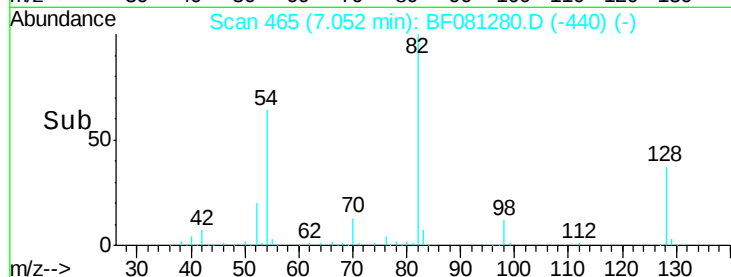
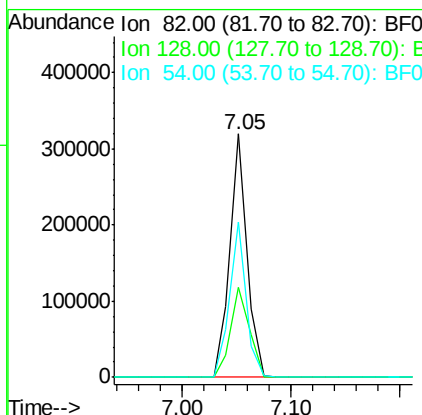
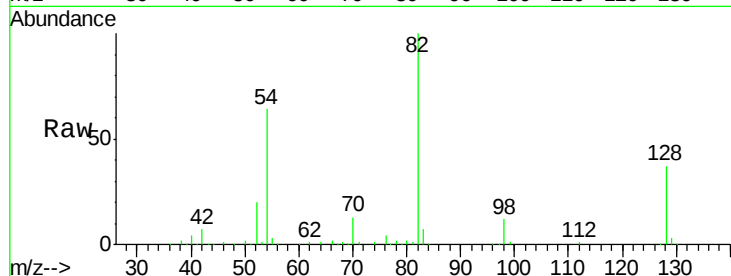




#23
 Nitrobenzene-d5
 Concen: 66.54 ng
 RT: 7.05 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

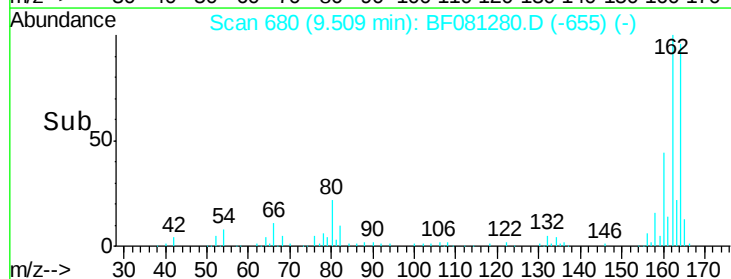
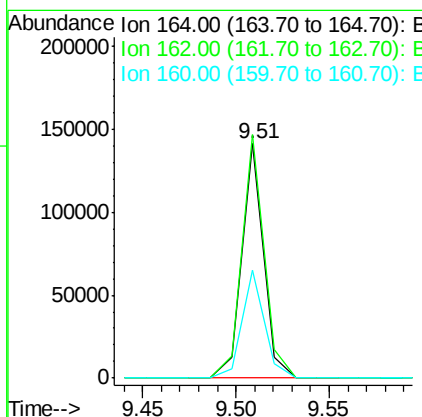
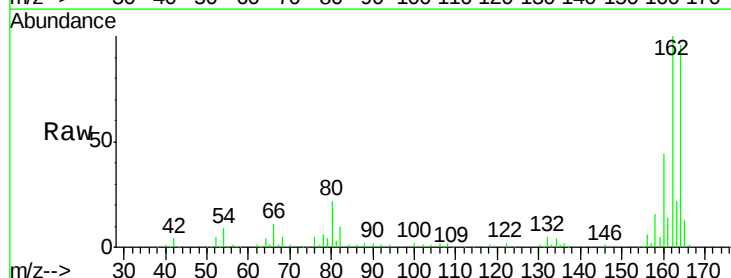
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

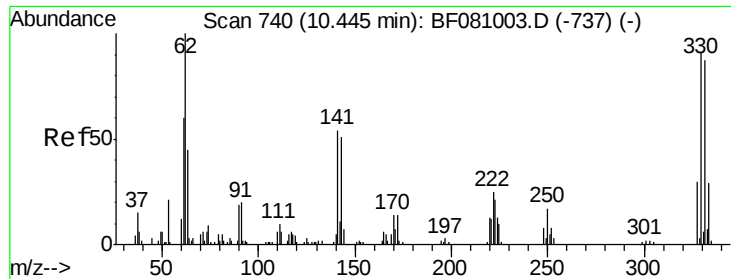
Tgt Ion: 82 Resp: 349160
 Ion Ratio Lower Upper
 82 100
 128 36.8 28.6 42.8
 54 63.7 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Tgt Ion: 164 Resp: 114689
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.8 125.8
 160 46.1 39.8 59.8

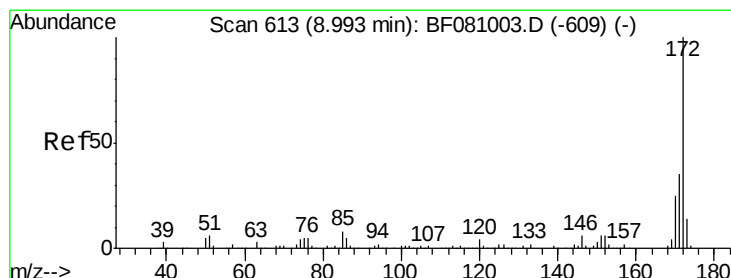
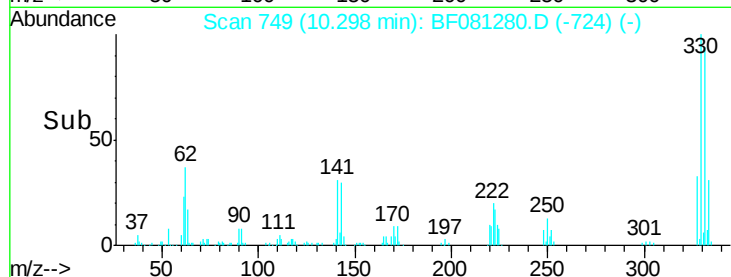
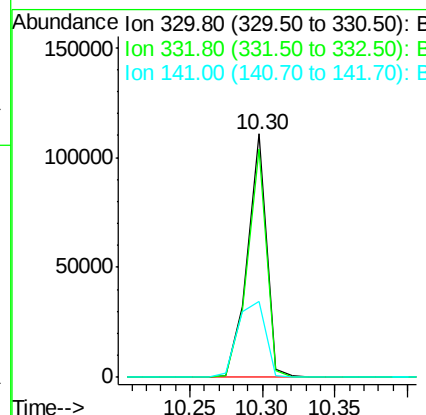
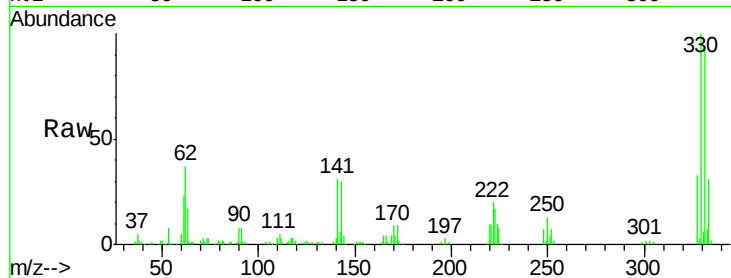




#41
 2,4,6-Tribromophenol
 Concen: 102.01 ng
 RT: 10.30 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

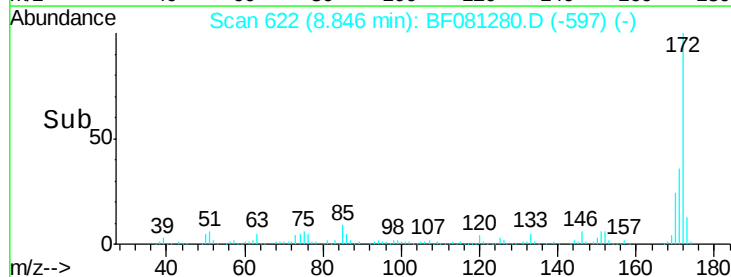
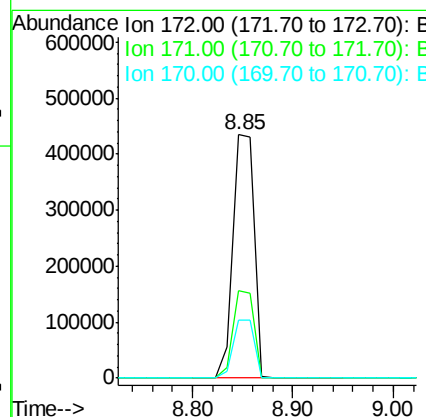
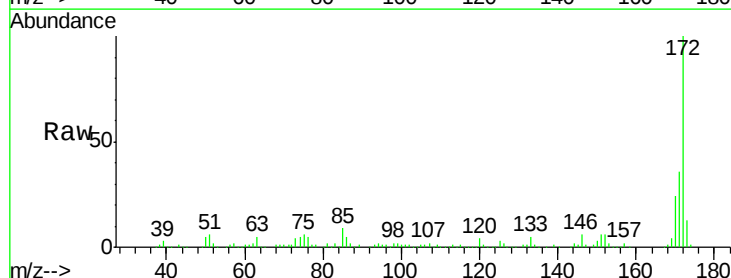
Instrument :
 BNA_F
 ClientSampled :
 MW-1

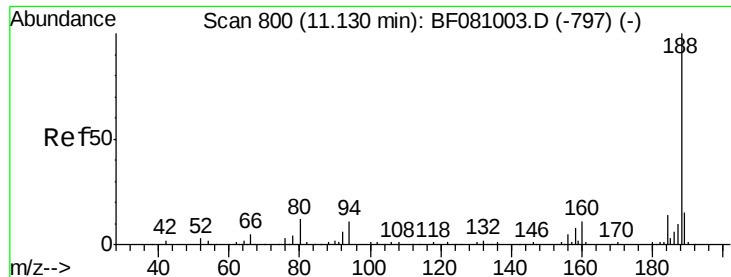
Tgt Ion:330 Resp: 101418
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.3 115.9
 141 45.5 44.9 67.3



#44
 2-Fluorobiphenyl
 Concen: 72.55 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Tgt Ion:172 Resp: 635022
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 24.0 19.4 29.2

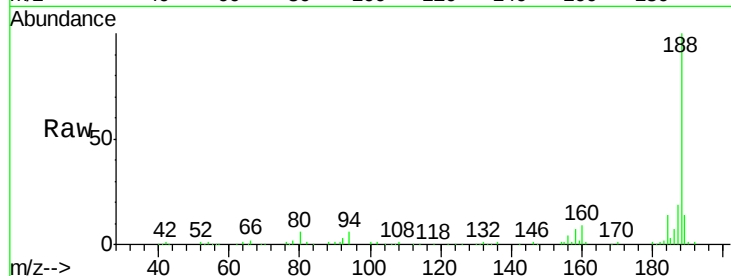




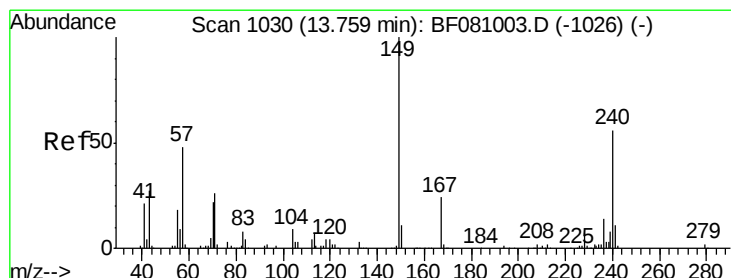
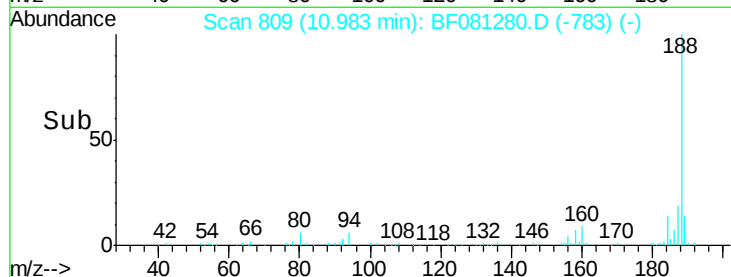
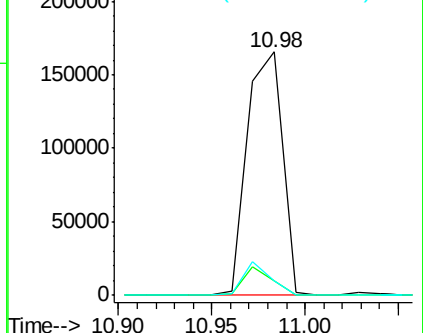
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:188 Resp: 217303
 Ion Ratio Lower Upper
 188 100
 94 5.8 8.2 12.2#
 80 5.9 9.5 14.3#

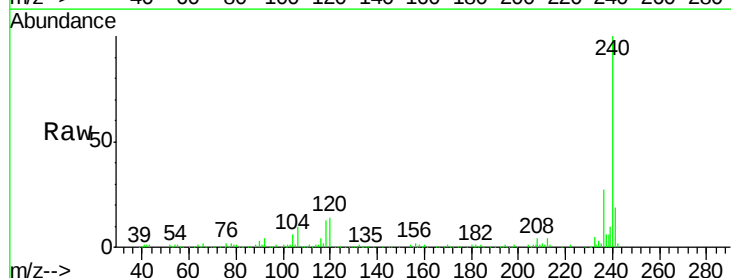


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

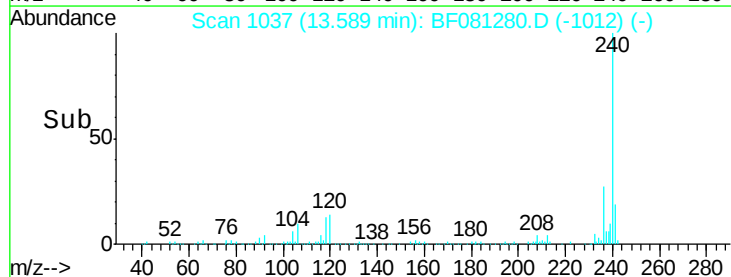
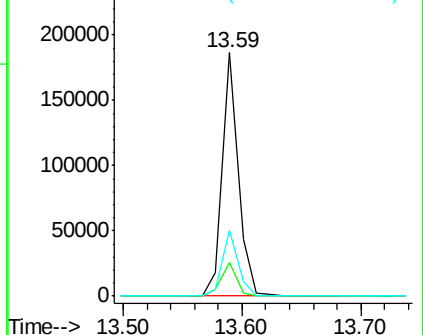


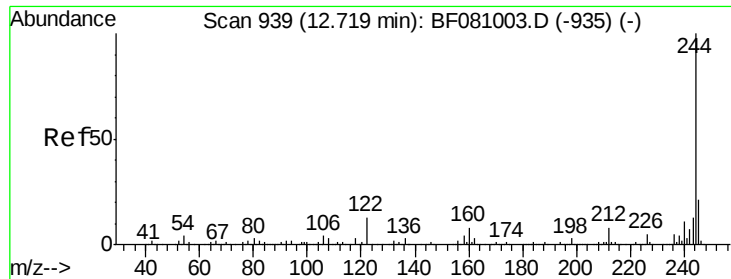
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Tgt Ion:240 Resp: 173411
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.6 8.4#
 236 27.2 20.6 30.8



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

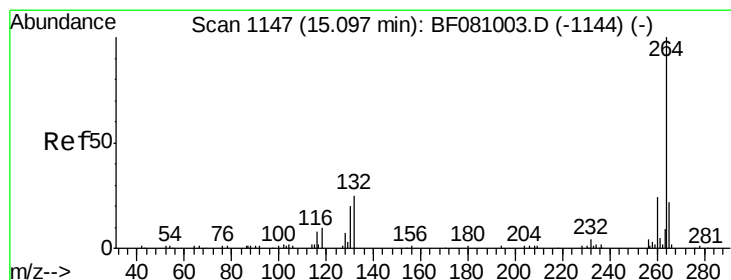
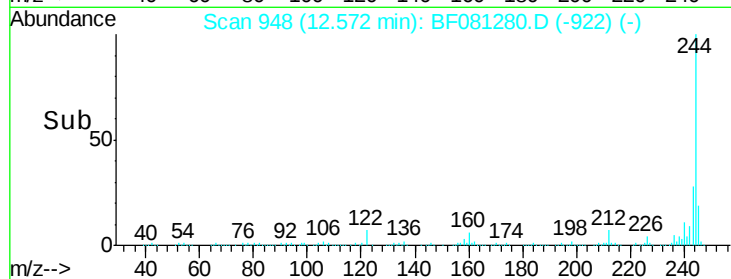
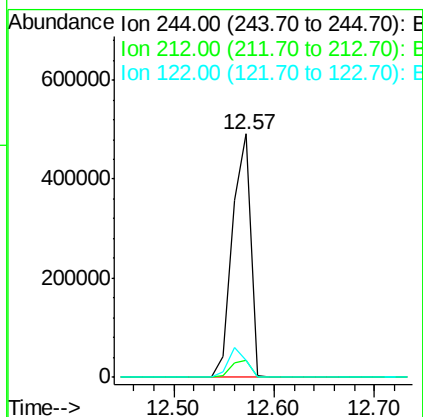
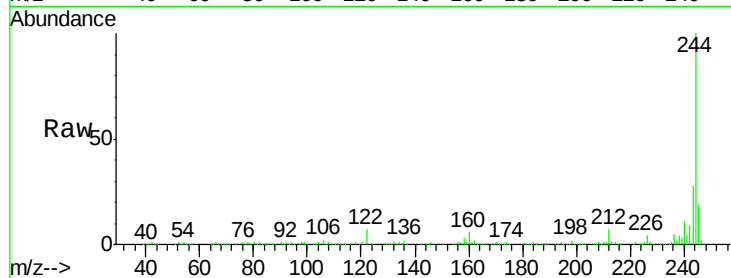




#78
 Terphenyl-d14
 Concen: 76.01 ng
 RT: 12.57 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 614835
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 7.2 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Tgt Ion:264 Resp: 140978
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 21.3 17.5 26.3

