

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084390.D
 Acq On : 11 Jan 2016 20:07
 Operator : SJ/UM
 Sample : H1065-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jan 12 03:46:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	384725	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1507232	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	688096	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1107533	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	707816	20.00	ng	-0.06
86) Perylene-d12	15.44	264	613666	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1230856	51.75	ng	-0.03
7) Phenol-d6	6.49	99	968029	32.41	ng	-0.05
23) Nitrobenzene-d5	7.42	82	2334354	86.20	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	753011	108.39	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	2998875	76.00	ng	-0.05
78) Terphenyl-d14	12.97	244	2516337	79.36	ng	-0.05

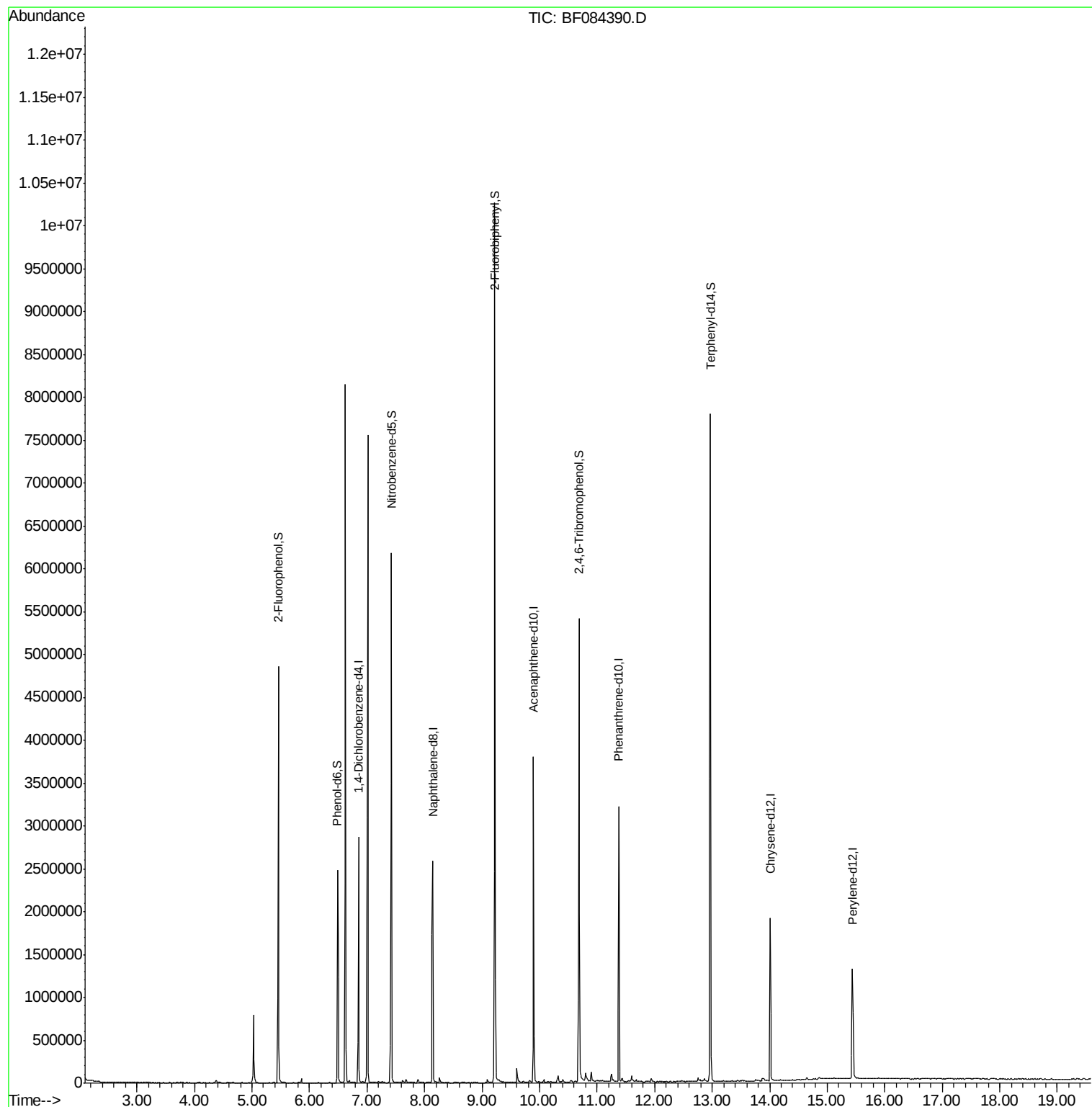
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 12 03:46:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

Instrument :

BNA_F

ClientSampled :

MW-13

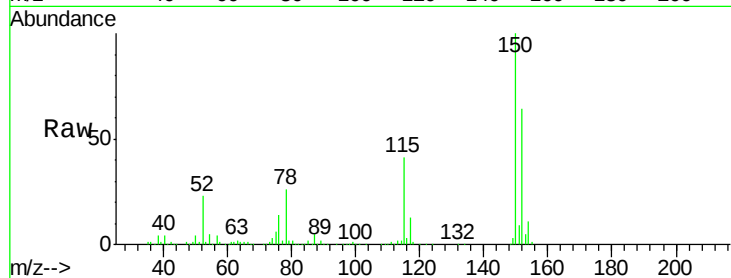
Tgt Ion:152 Resp: 384725

Ion Ratio Lower Upper

152 100

150 156.4 123.0 184.4

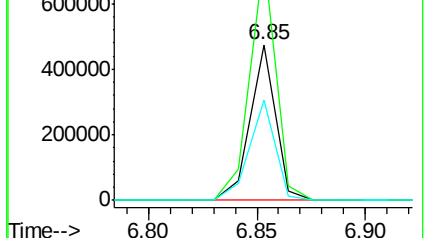
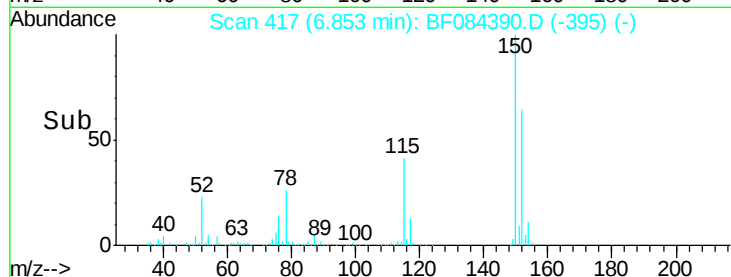
115 64.8 51.4 77.2



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: 51.75 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

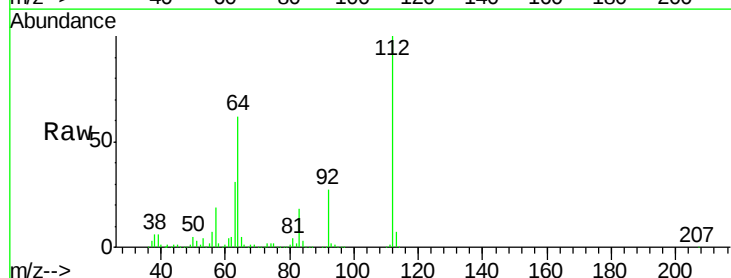
Tgt Ion:112 Resp: 1230856

Ion Ratio Lower Upper

112 100

64 62.2 36.6 55.0#

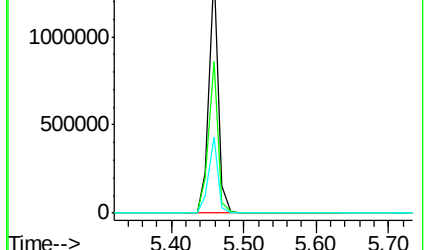
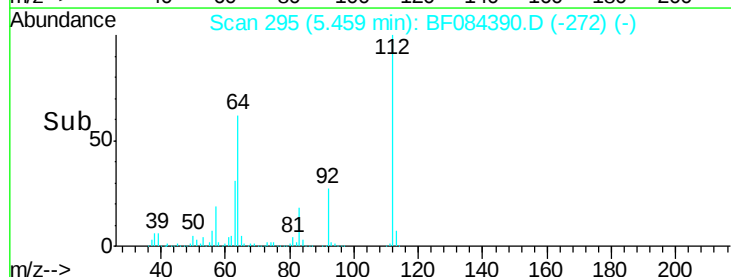
63 30.9 19.4 29.0#

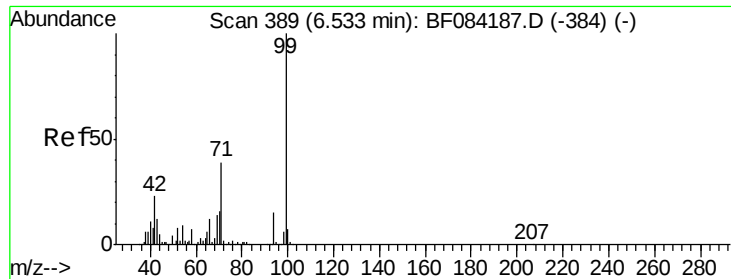


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.41 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

Instrument :

BNA_F

ClientSampleId :

MW-13

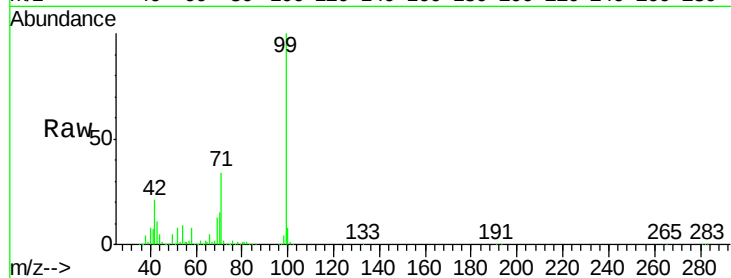
Tgt Ion: 99 Resp: 968029

Ion Ratio Lower Upper

99 100

42 21.2 12.8 19.2#

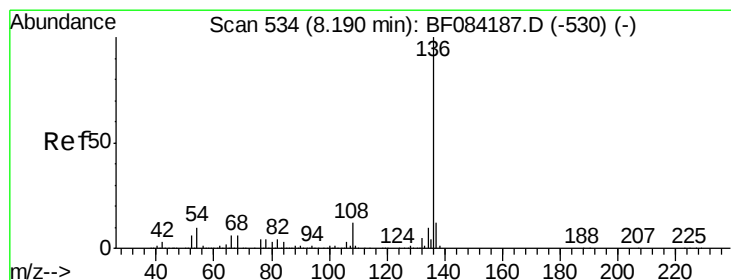
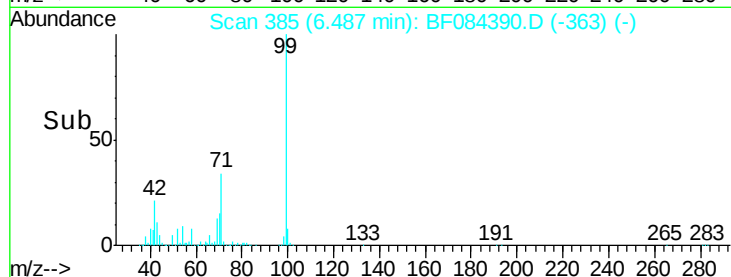
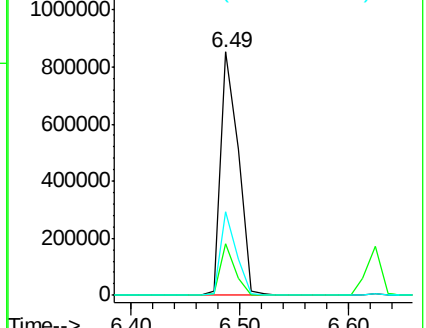
71 34.3 30.9 46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

Tgt Ion: 136 Resp: 1507232

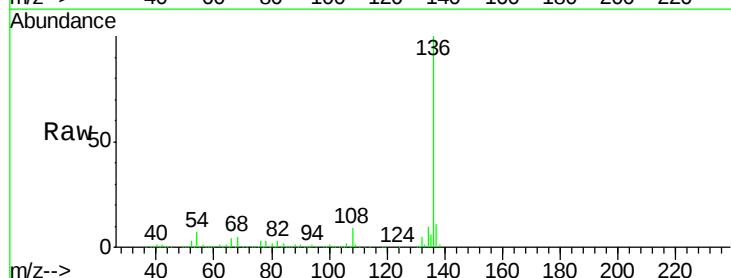
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 5.8 8.8

68 4.9 4.2 6.2

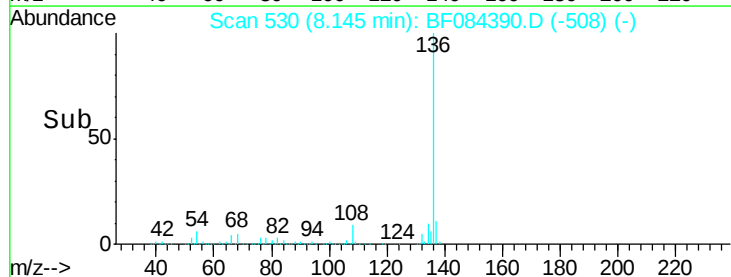
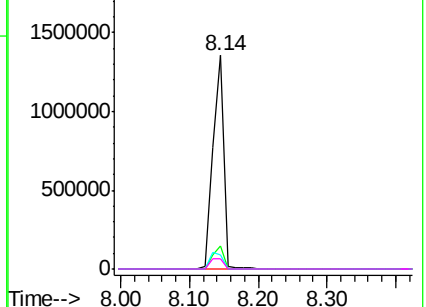


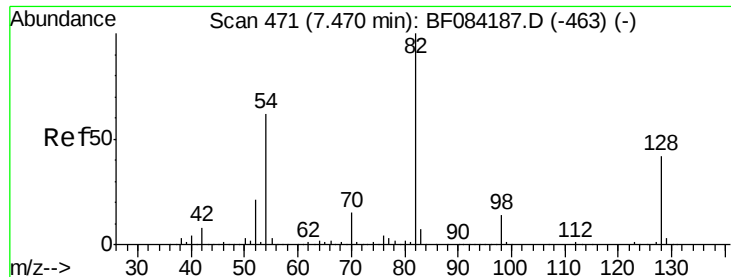
Abundance Ion 136.00 (135.70 to 136.70): E

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

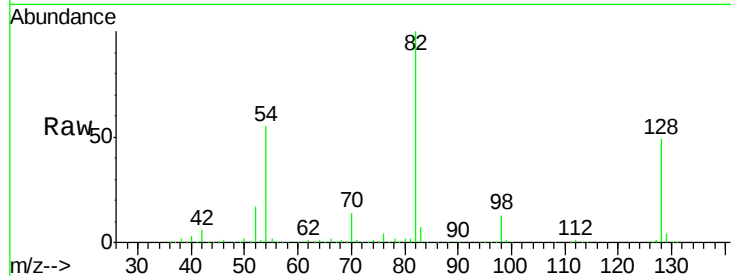




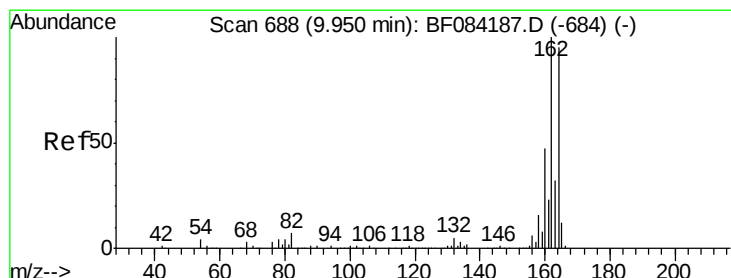
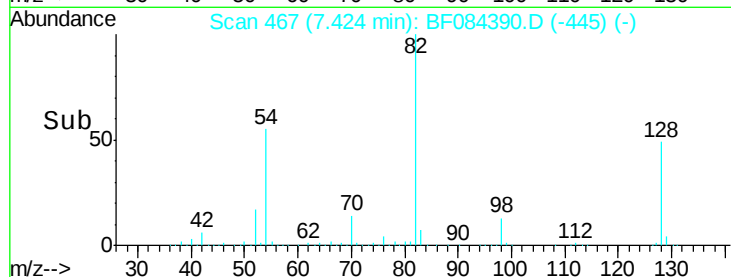
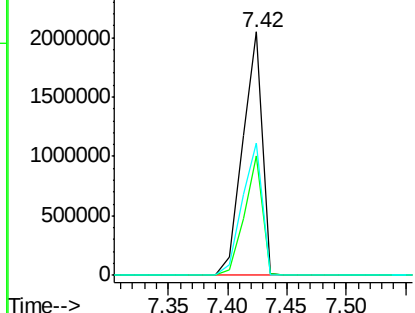
#23
Nitrobenzene-d5
Concen: 86.20 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084390.D
Acq: 11 Jan 2016 20:07

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion: 82 Resp: 2334354
Ion Ratio Lower Upper
82 100
128 48.9 34.6 51.8
54 54.5 38.4 57.6

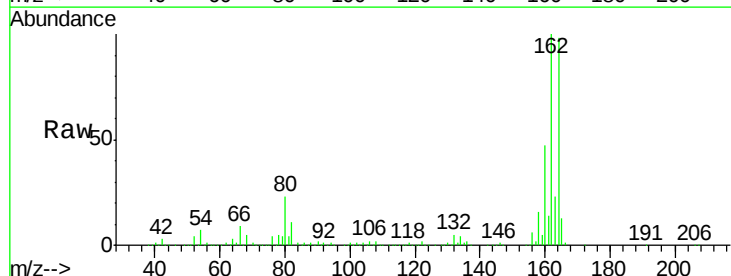


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

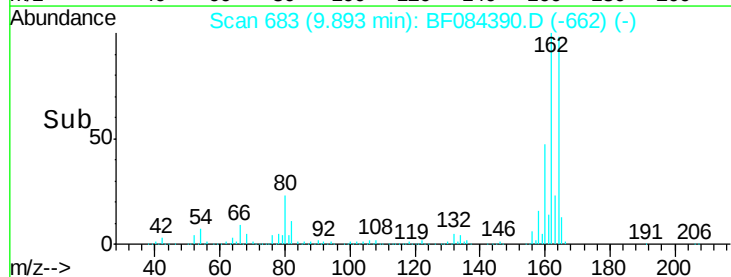
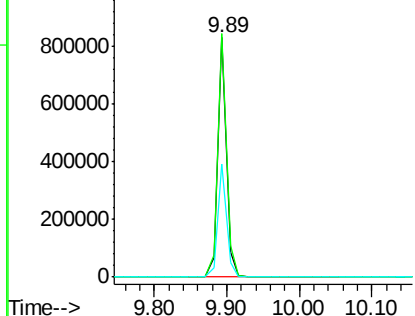


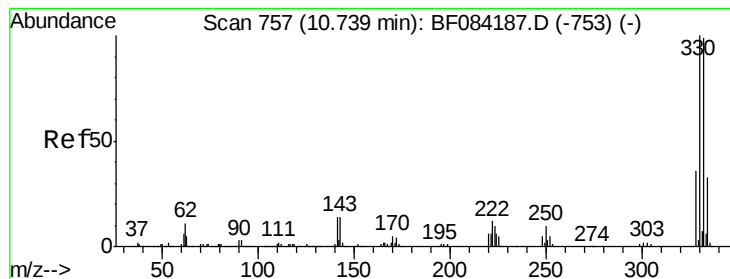
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084390.D
Acq: 11 Jan 2016 20:07

Tgt Ion: 164 Resp: 688096
Ion Ratio Lower Upper
164 100
162 101.6 85.1 127.7
160 47.4 37.5 56.3



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: 108.39 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

Instrument :

BNA_F

ClientSampleId :

MW-13

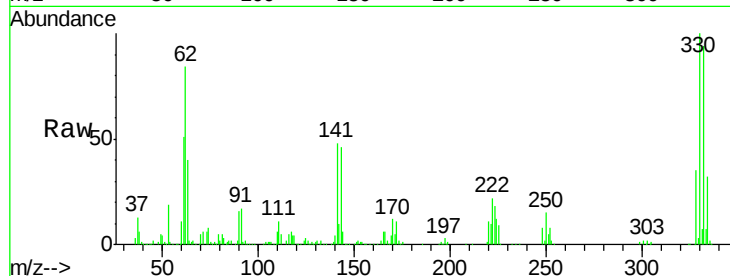
Tgt Ion:330 Resp: 753011

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

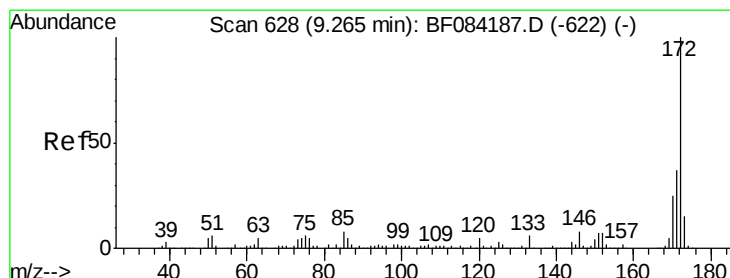
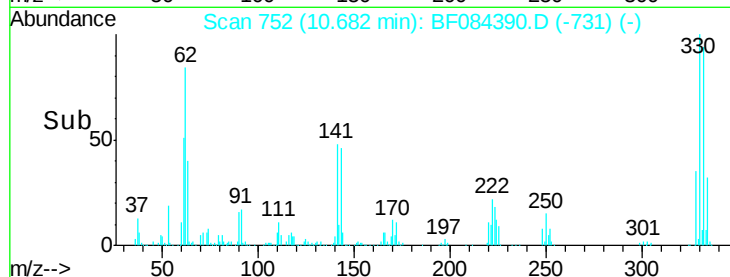
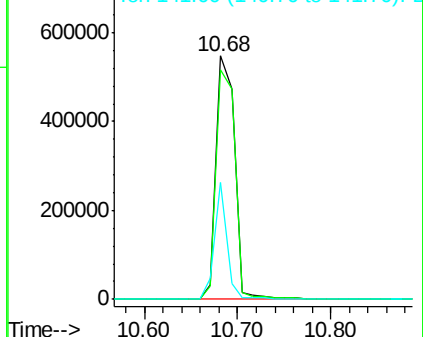
141 33.3 27.8 41.6



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: 76.00 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

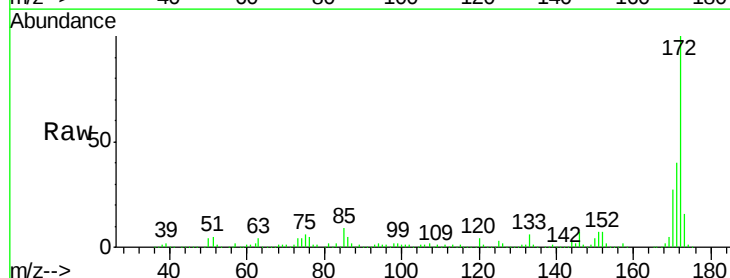
Tgt Ion:172 Resp: 2998875

Ion Ratio Lower Upper

172 100

171 39.7 28.9 43.3

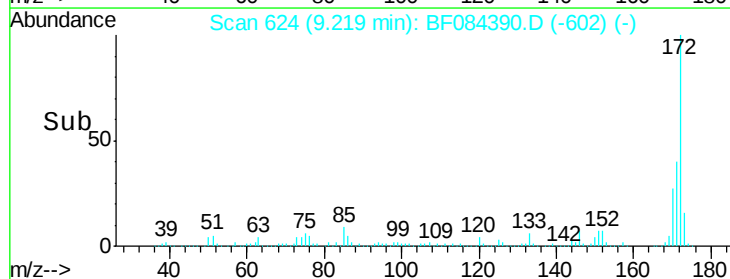
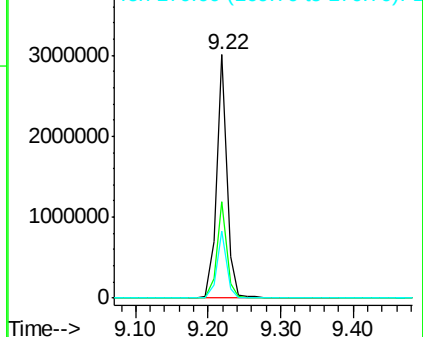
170 27.4 18.6 27.8

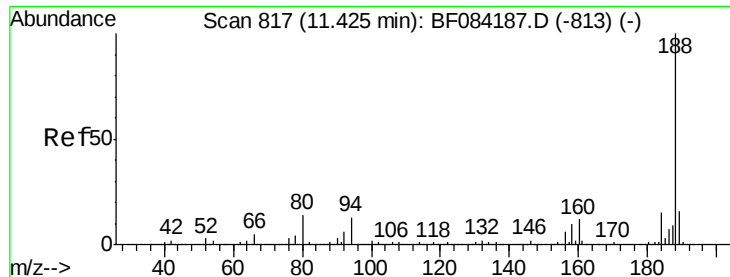


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

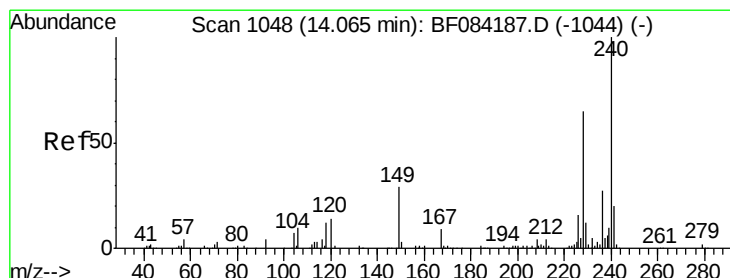
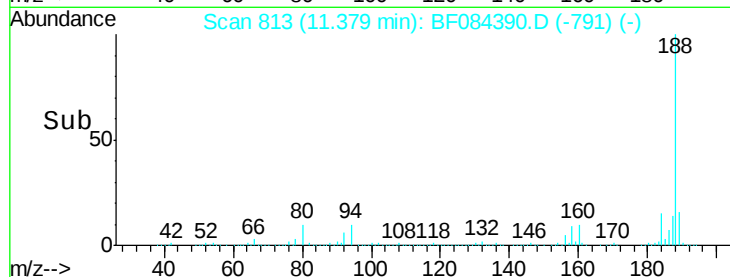
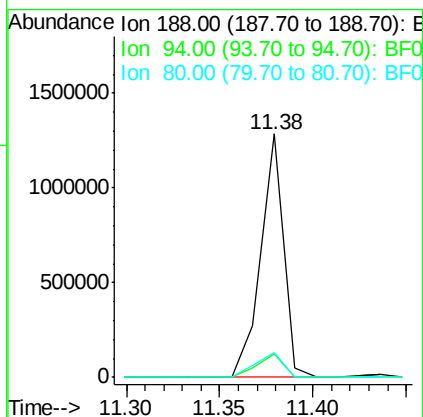
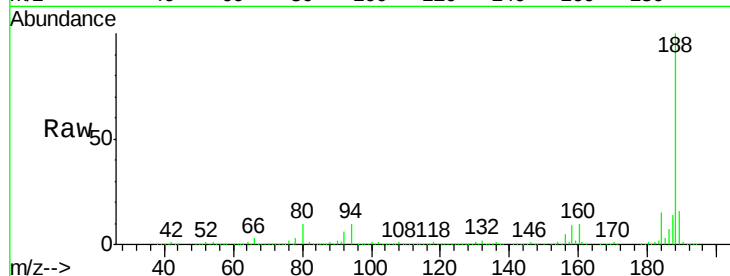




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084390.D
Acq: 11 Jan 2016 20:07

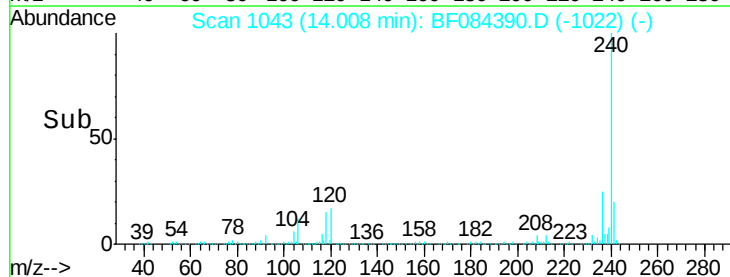
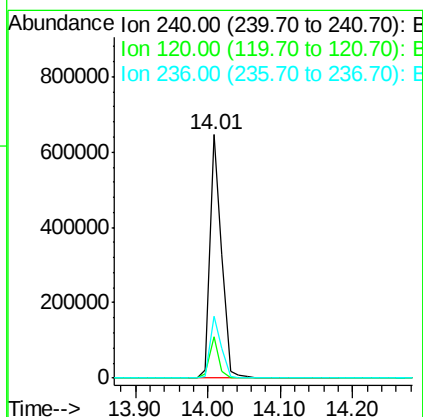
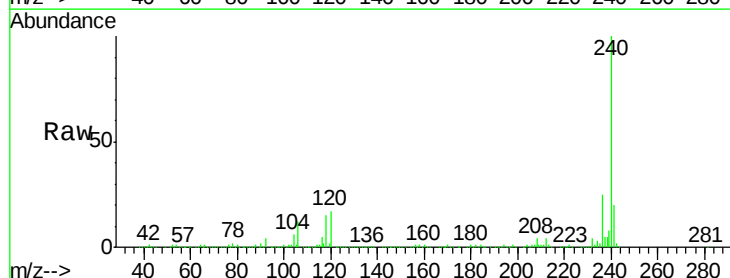
Instrument :
BNA_F
ClientSampleId :
MW-13

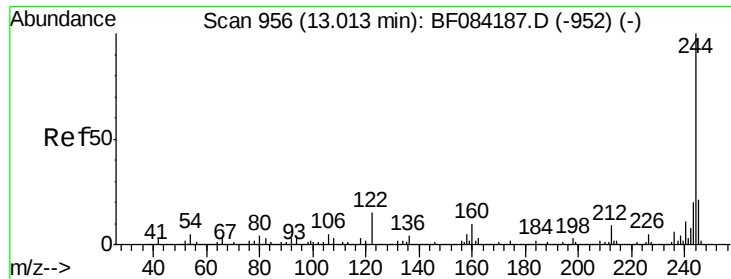
Tgt Ion:188 Resp: 1107533
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 10.1 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084390.D
Acq: 11 Jan 2016 20:07

Tgt Ion:240 Resp: 707816
Ion Ratio Lower Upper
240 100
120 16.8 9.5 14.3#
236 25.4 20.6 31.0

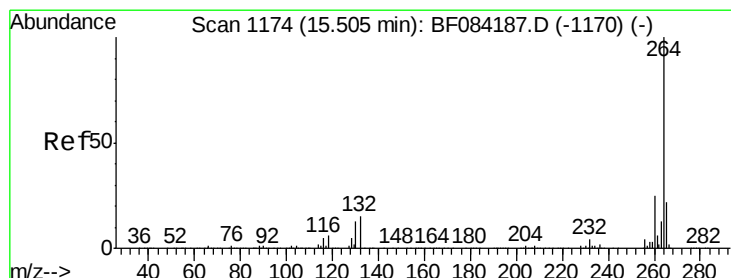
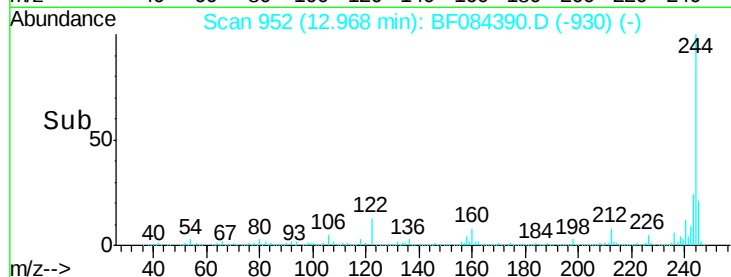
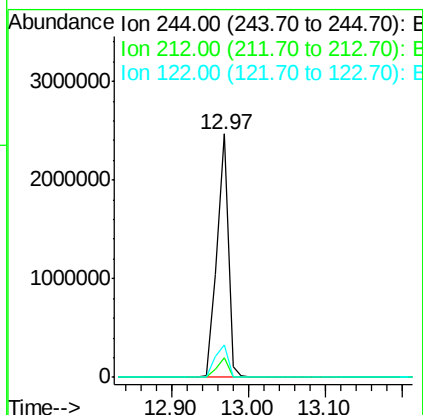
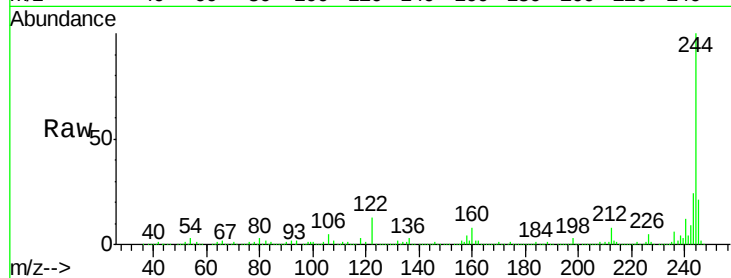




#78
 Terphenyl-d14
 Concen: 79.36 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:244 Resp: 2516337
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 13.2 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

Tgt Ion:264 Resp: 613666
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.7 17.8 26.6

