

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
 Data File : BF084609.D
 Acq On : 25 Jan 2016 16:09
 Operator : SJ/IZ
 Sample : H1201-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Jan 25 16:58:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	212811	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	846333	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	427981	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	845351	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	630055	20.00	ng	-0.01
86) Perylene-d12	15.28	264	439726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	943707	71.73	ng	0.00
7) Phenol-d6	6.38	99	883291	53.45	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1734709	114.07	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	690007	159.69	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2405730	100.00	ng	0.00
78) Terphenyl-d14	12.85	244	2710671	96.03	ng	0.00

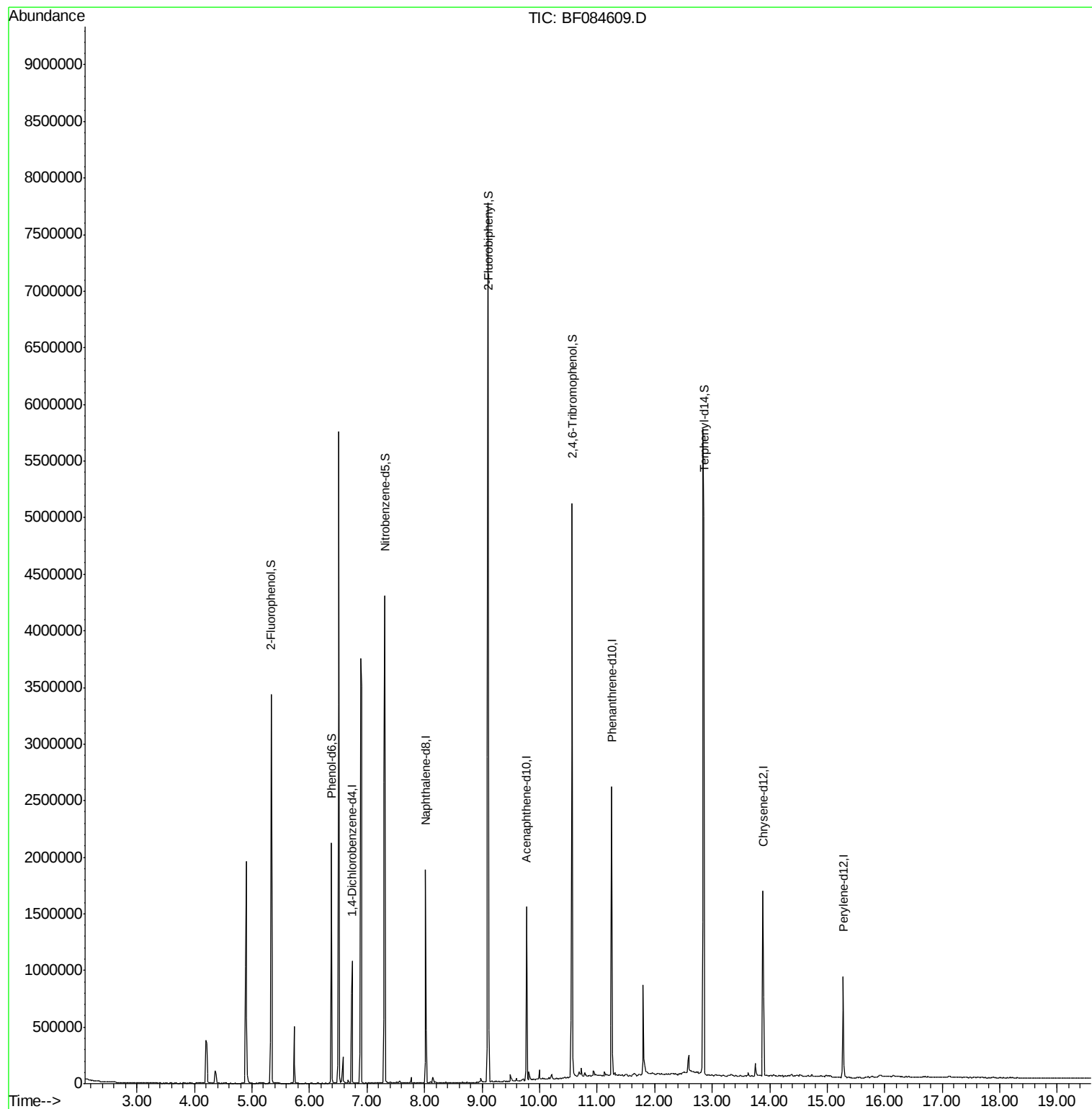
Target Compounds Qvalue

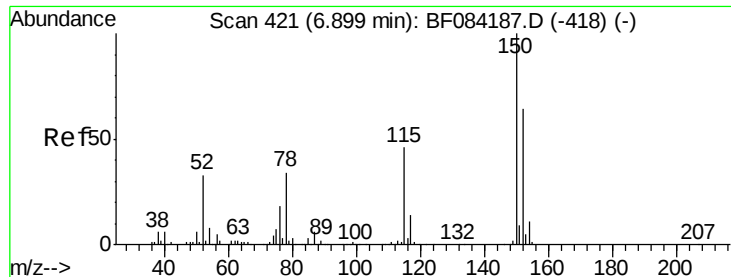
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 25 16:24:07 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

Instrument :

BNA_F

ClientSampled :

MW-02

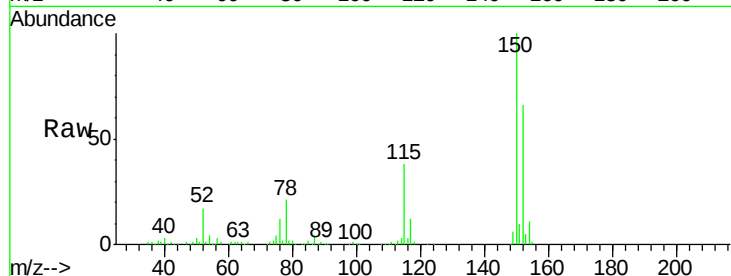
Tot Ion:152 Resp: 212811

Ion Ratio Lower Upper

152 100

150 150.9 123.0 184.4

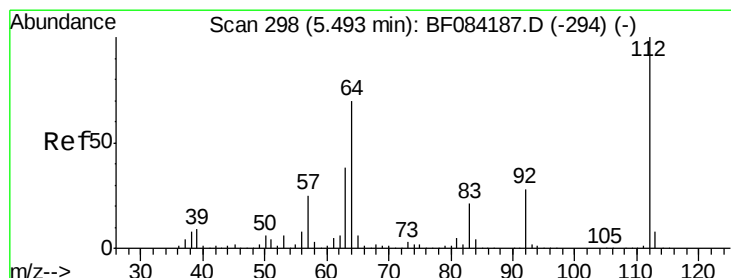
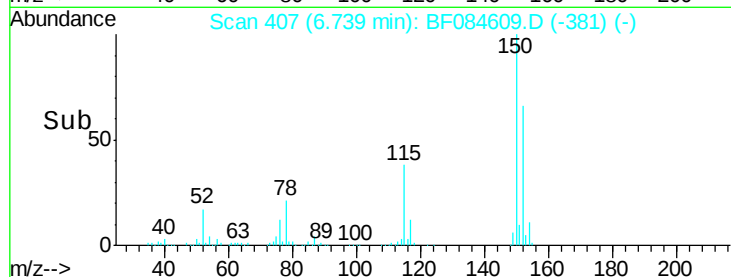
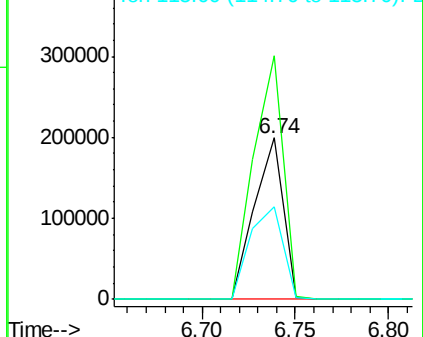
115 57.1 51.4 77.2



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: 71.73 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

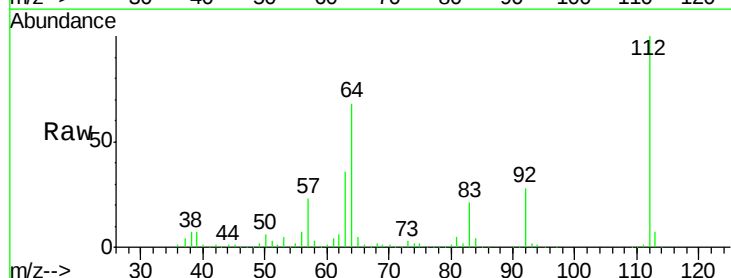
Tgt Ion:112 Resp: 943707

Ion Ratio Lower Upper

112 100

64 67.7 36.6 55.0#

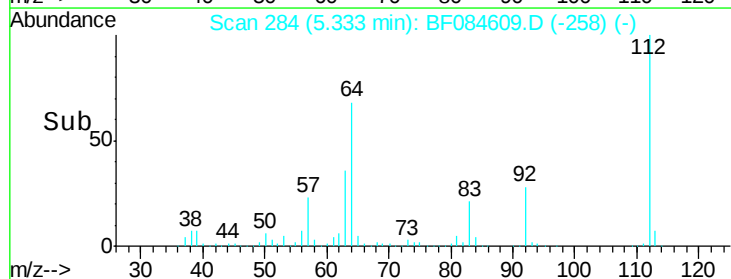
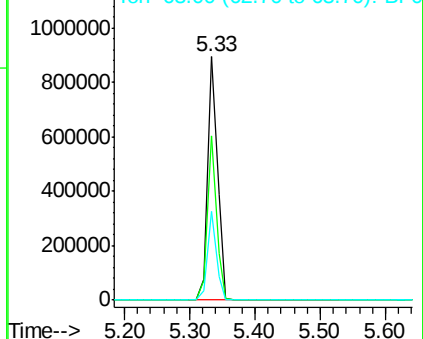
63 36.5 19.4 29.0#

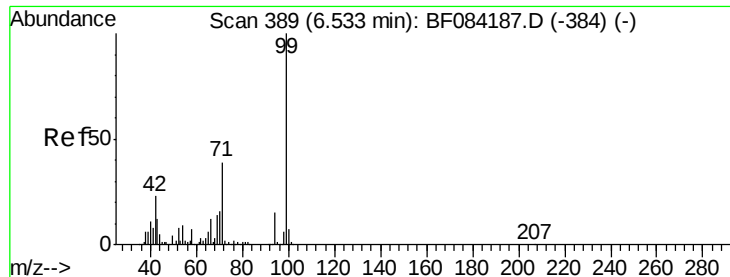


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.45 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

Instrument :

BNA_F

ClientSampled :

MW-02

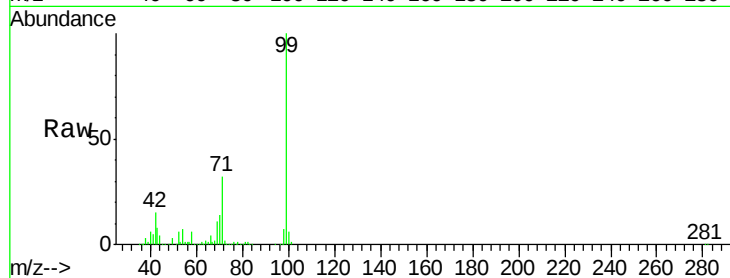
Tot Ion: 99 Resp: 883291

Ion Ratio Lower Upper

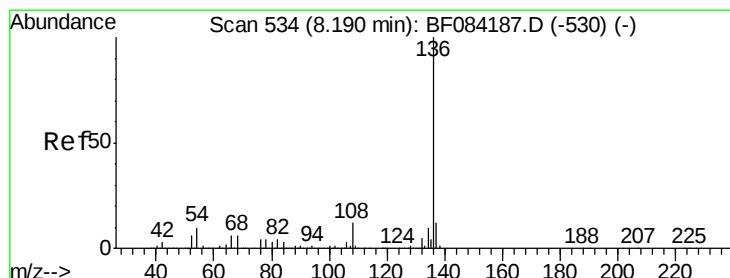
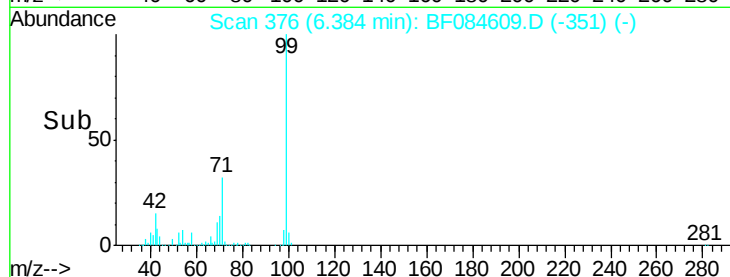
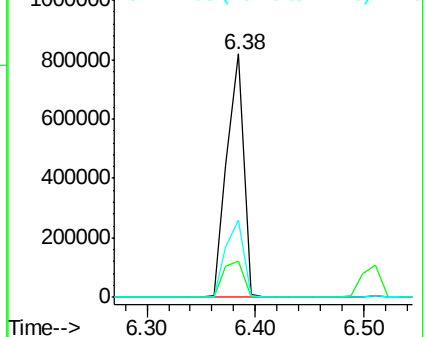
99 100

42 15.1 12.8 19.2

71 31.9 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: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

Tgt Ion: 136 Resp: 846333

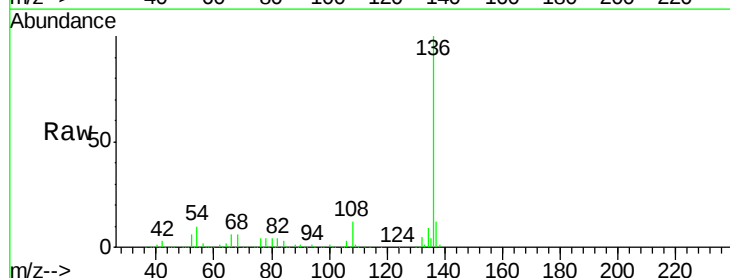
Ion Ratio Lower Upper

136 100

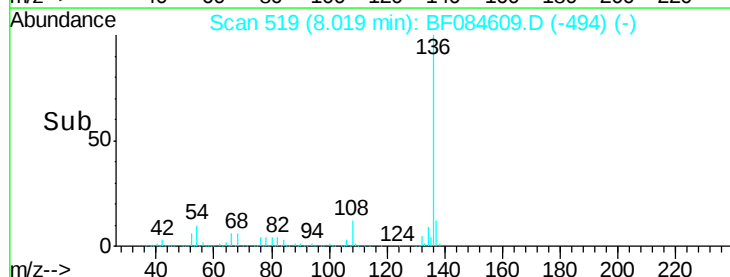
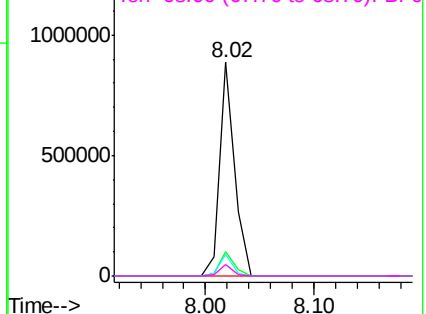
137 11.7 8.7 13.1

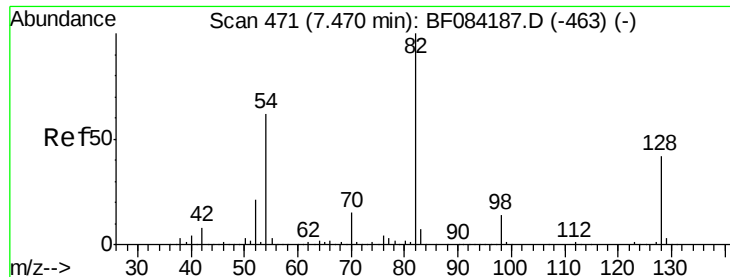
54 10.5 5.8 8.8#

68 5.6 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



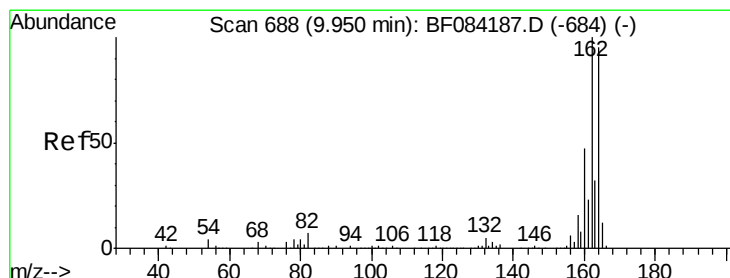
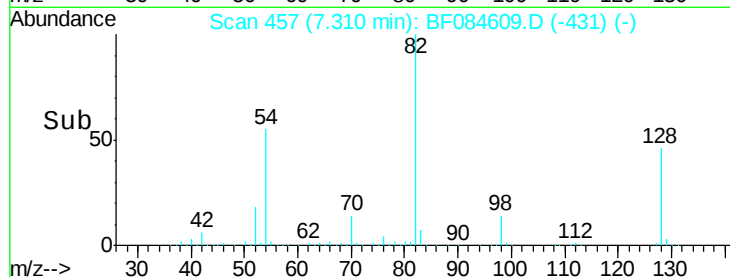
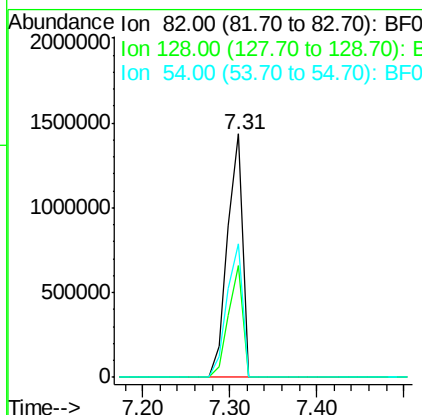
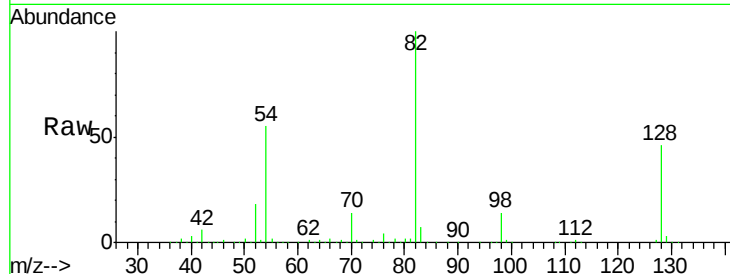


#23
 Nitrobenzene-d5
 Concen: 114.07 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion: 82 Resp: 1734709

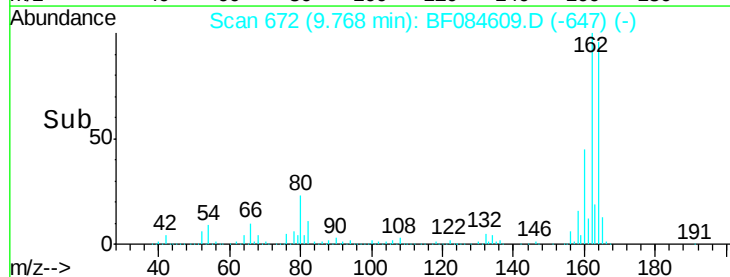
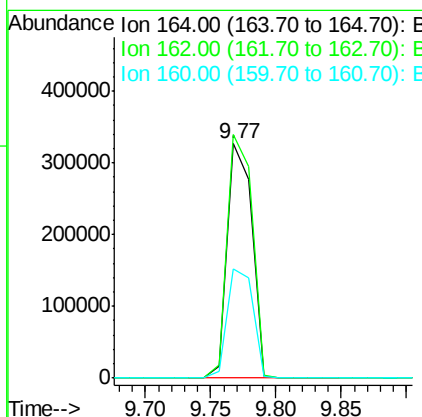
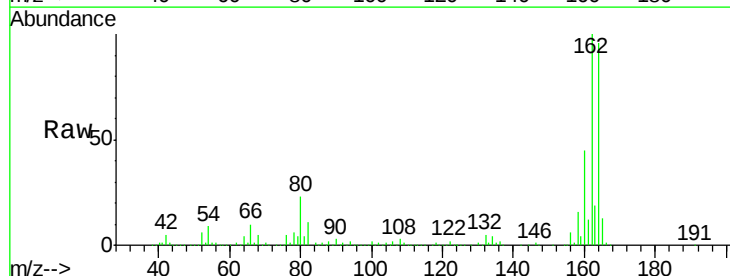
Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.6	51.8
54	55.0	38.4	57.6

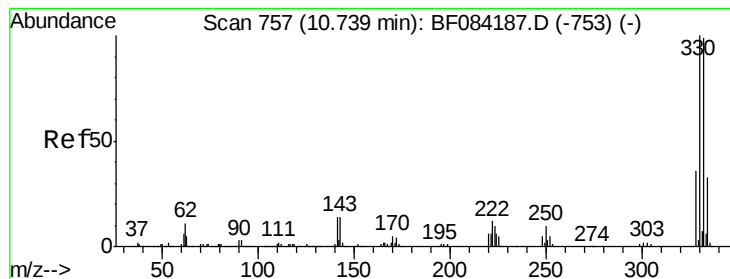


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Tgt Ion: 164 Resp: 427981

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	46.4	37.5	56.3





#41

2,4,6-Tribromophenol

Concen: 159.69 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

Instrument :

BNA_F

ClientSampleId :

MW-02

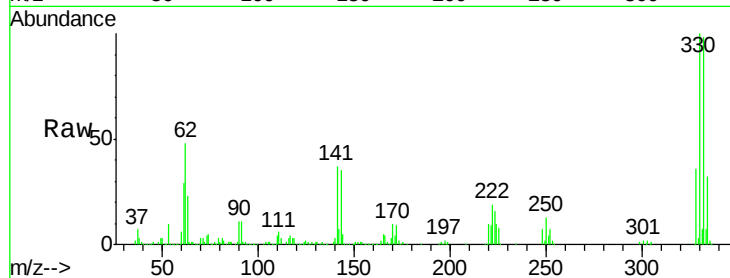
Tot Ion:330 Resp: 690007

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

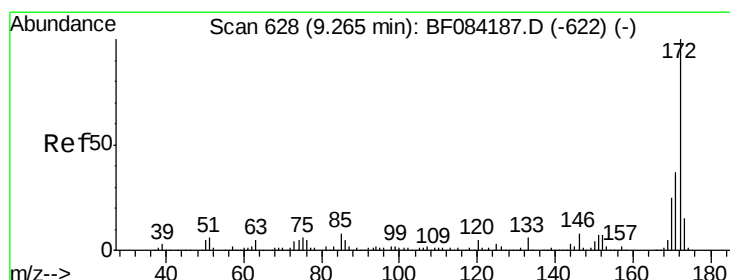
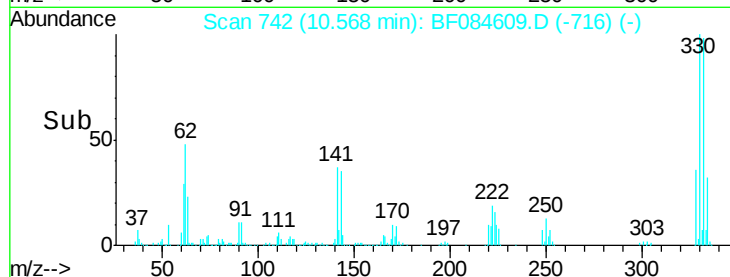
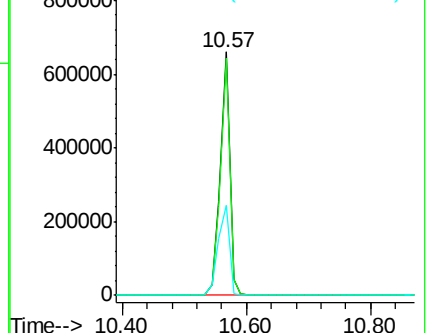
141 43.0 27.8 41.6#



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: 100.00 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

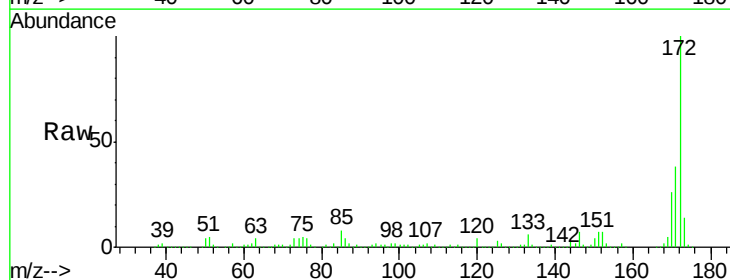
Tgt Ion:172 Resp: 2405730

Ion Ratio Lower Upper

172 100

171 38.1 28.9 43.3

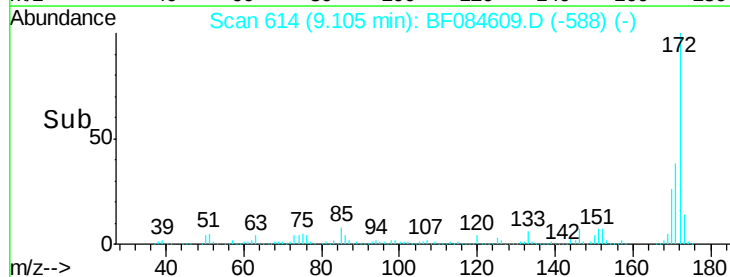
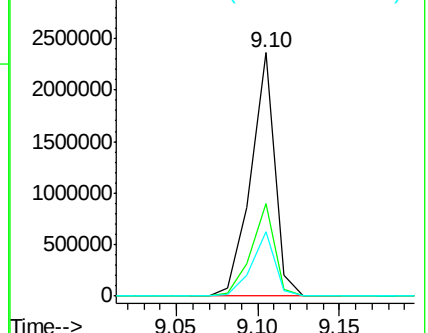
170 26.3 18.6 27.8

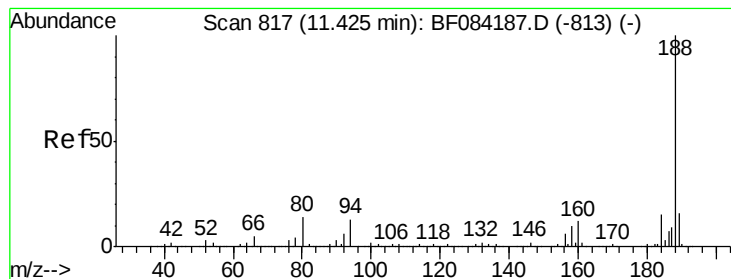


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

Instrument :

BNA_F

ClientSampled :

MW-02

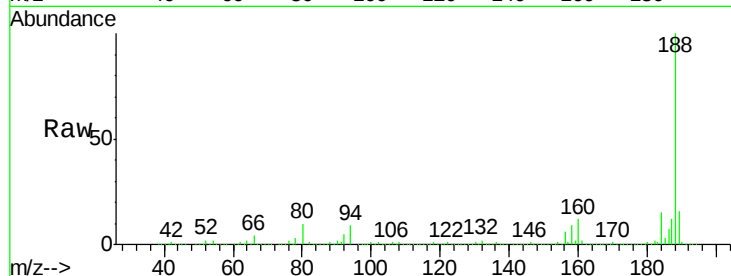
Tot Ion:188 Resp: 845351

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

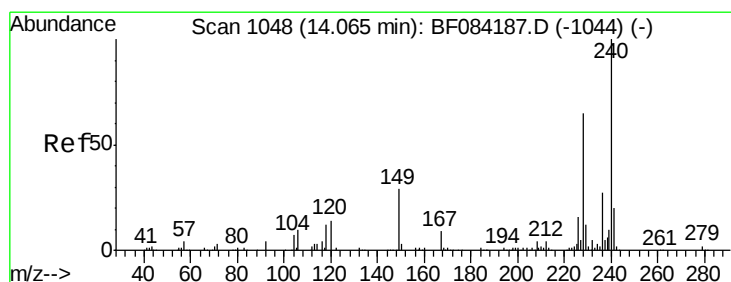
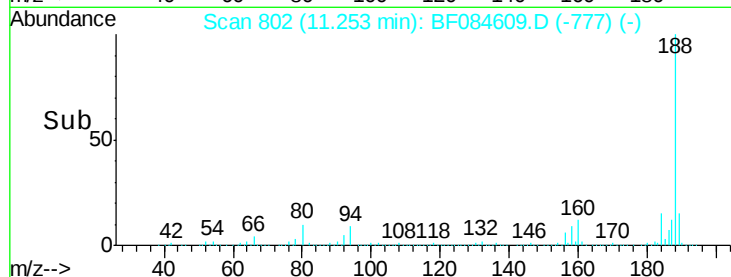
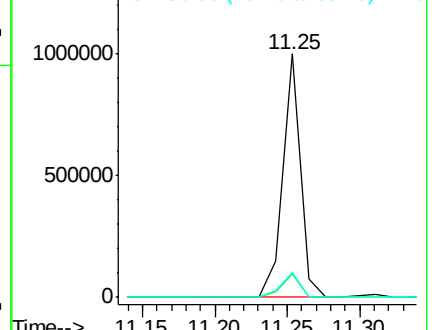
80 10.1 9.6 14.4



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: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

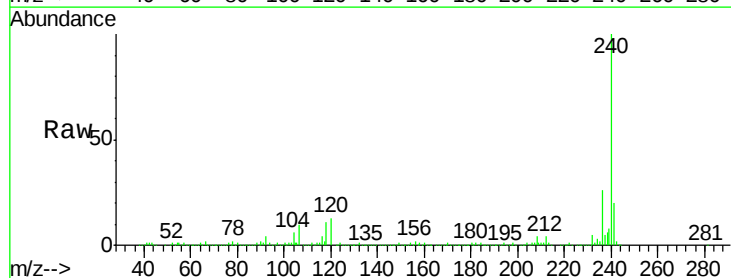
Tgt Ion:240 Resp: 630055

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

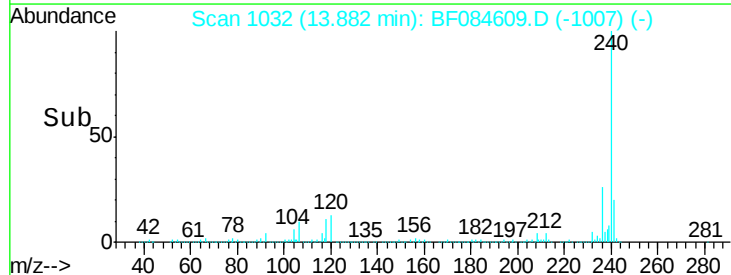
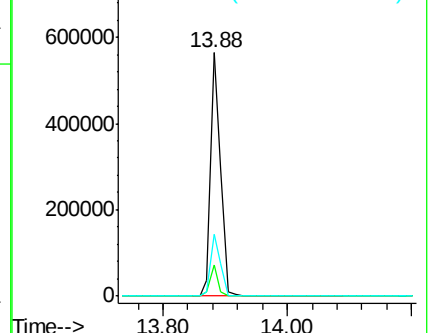
236 25.6 20.6 31.0

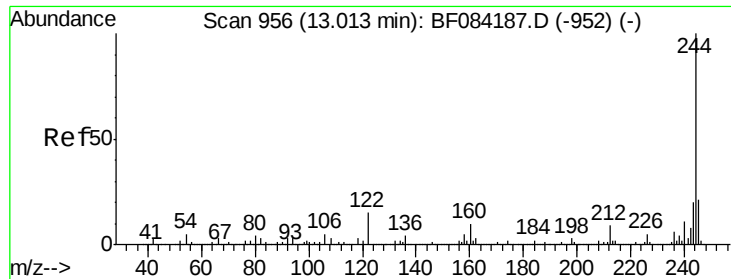


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

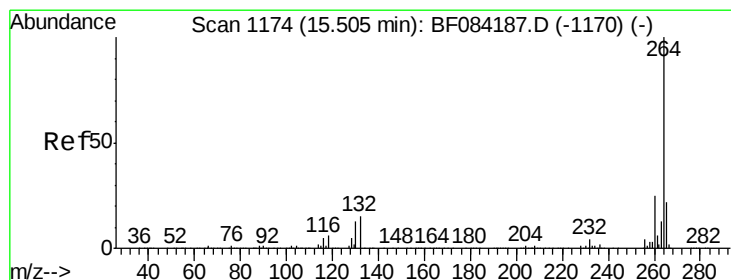
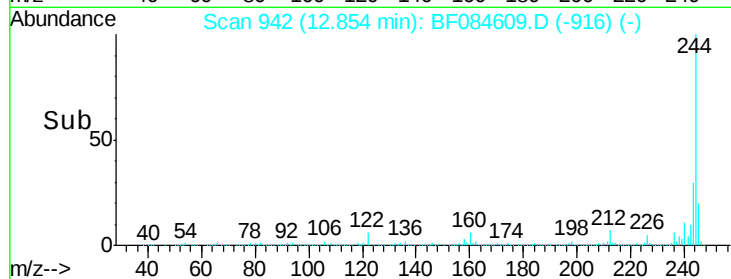
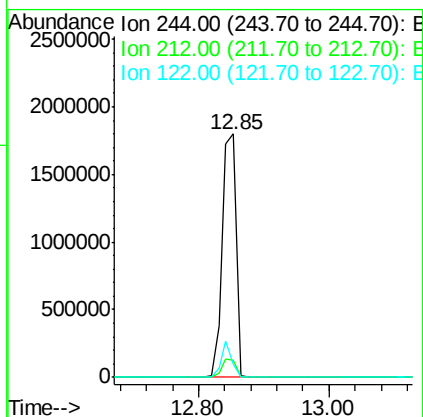
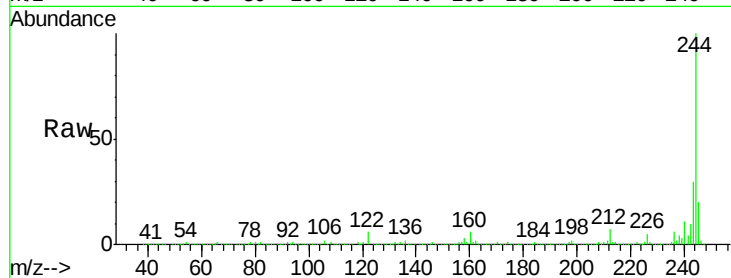




#78
 Terphenyl-d14
 Concen: 96.03 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion:244 Resp: 2710671
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Tgt Ion:264 Resp: 439726
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.4 17.8 26.6

