

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084468.D
 Acq On : 14 Jan 2016 4:34
 Operator : SJ/UM
 Sample : H1113-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Jan 14 15:54:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

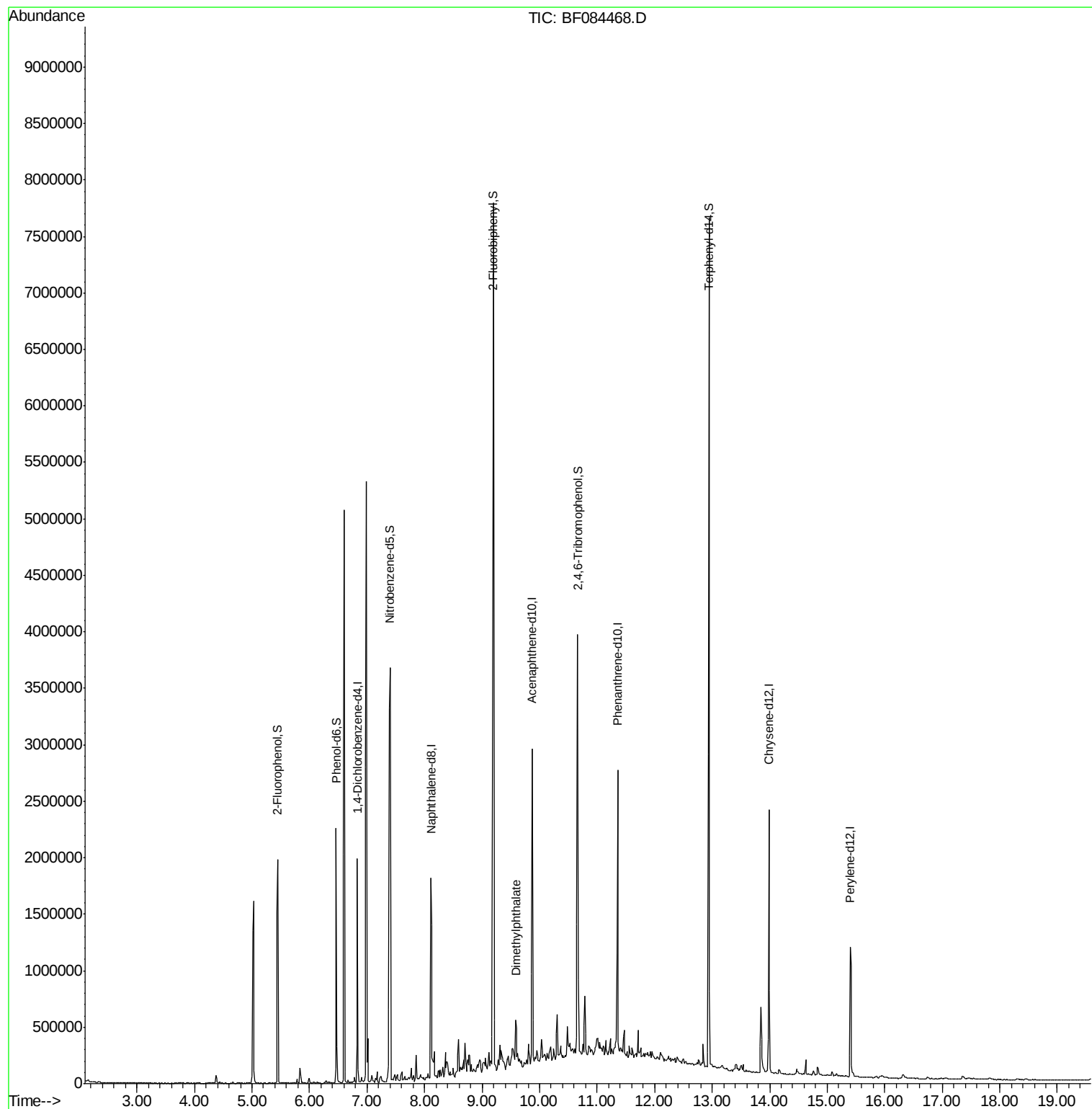
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	269258	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1054383	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	512828	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	980229	20.00	ng	0.00
75) Chrysene-d12	13.99	240	823165	20.00	ng	-0.01
86) Perylene-d12	15.40	264	627813	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	725679	43.59	ng	0.01
7) Phenol-d6	6.46	99	656886	31.42	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1729027	91.27	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	462956	89.42	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2524167	86.71	ng	0.00
78) Terphenyl-d14	12.95	244	2396724	64.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	192101	5.24	ng	Qvalue # 89

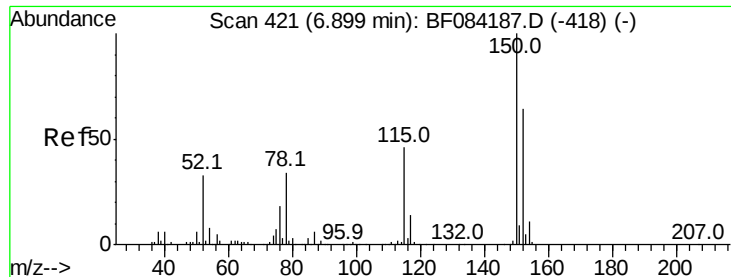
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-1

Quant Time: Jan 14 15:54:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

Instrument :

BNA_F

ClientSampleId :

MW-1

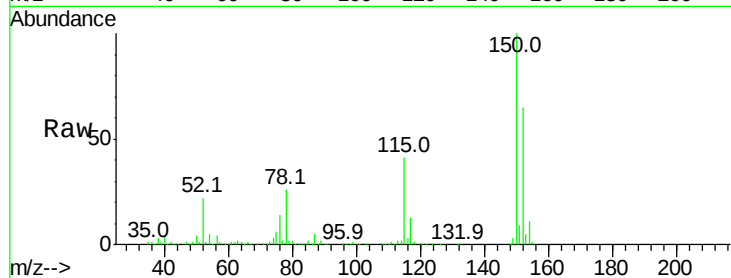
Tot Ion:152 Resp: 269258

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

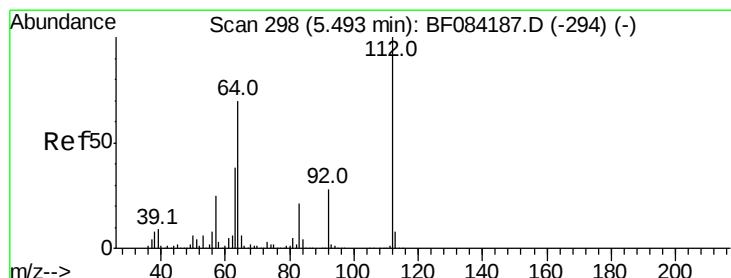
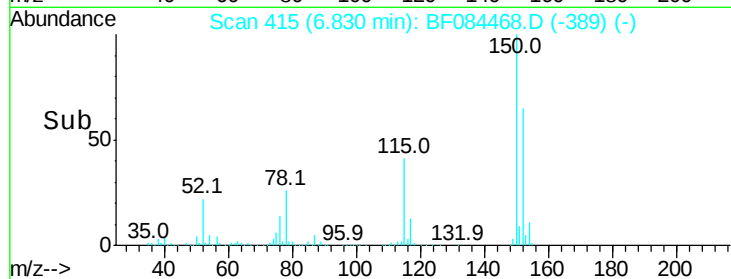
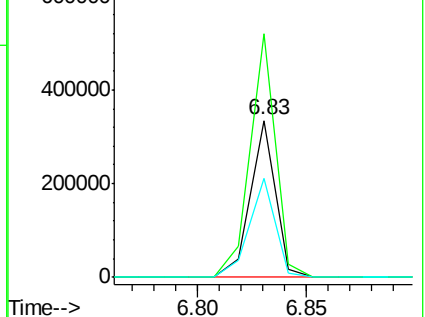
115 63.4 51.4 77.2



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: 43.59 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

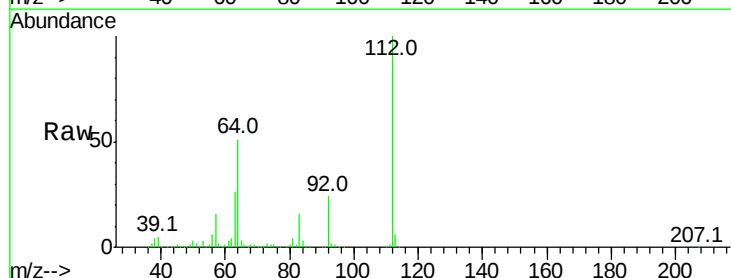
Tgt Ion:112 Resp: 725679

Ion Ratio Lower Upper

112 100

64 50.9 36.6 55.0

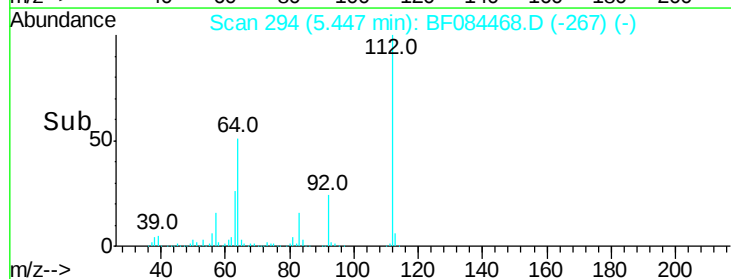
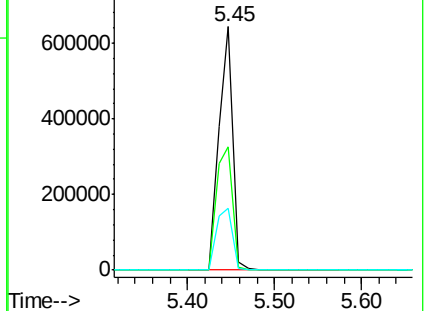
63 25.5 19.4 29.0

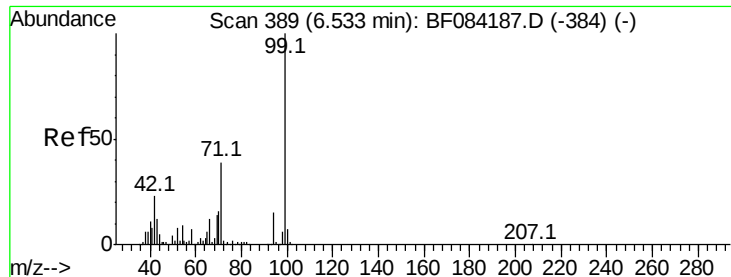


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.42 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

Instrument :

BNA_F

ClientSampleId :

MW-1

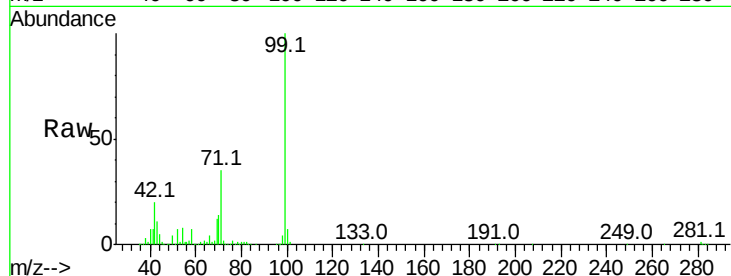
Tot Ion: 99 Resp: 656886

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

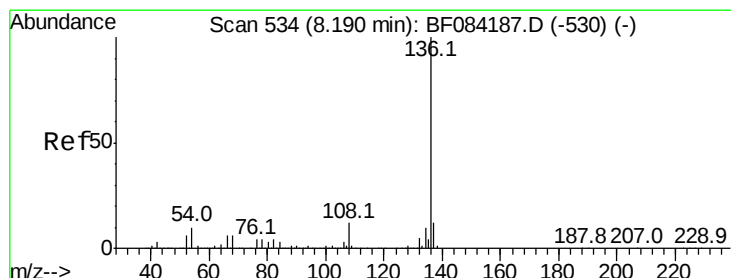
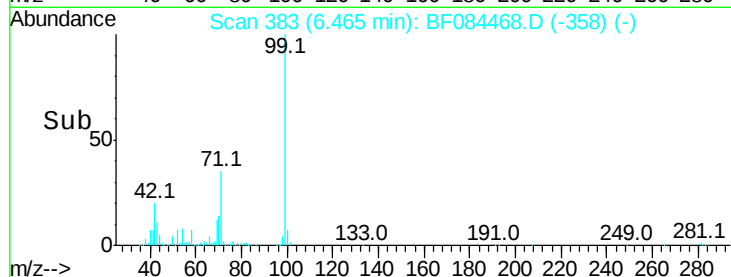
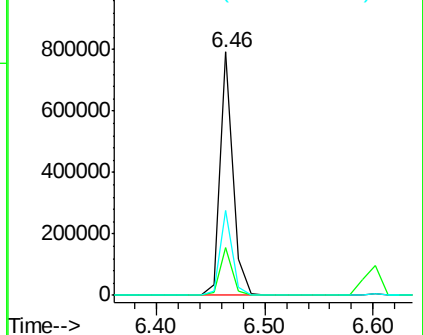
71 35.0 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

Tgt Ion: 136 Resp: 1054383

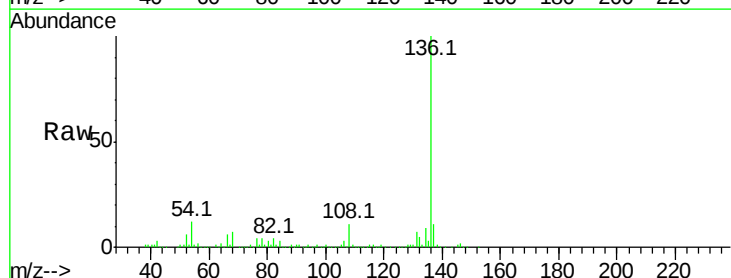
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.6 5.8 8.8#

68 6.8 4.2 6.2#

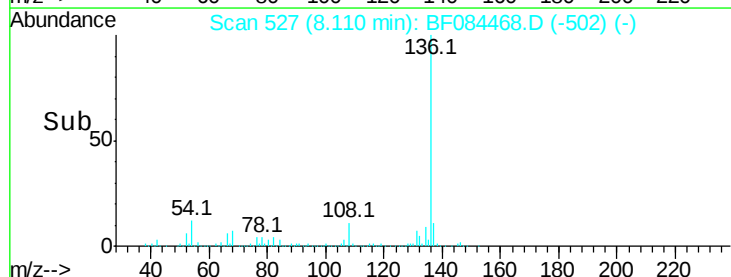
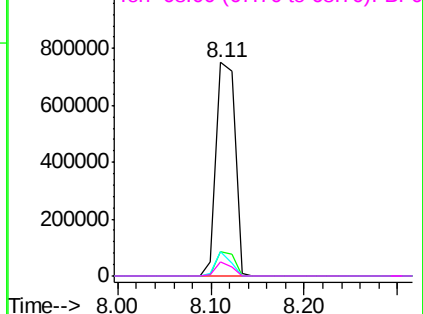


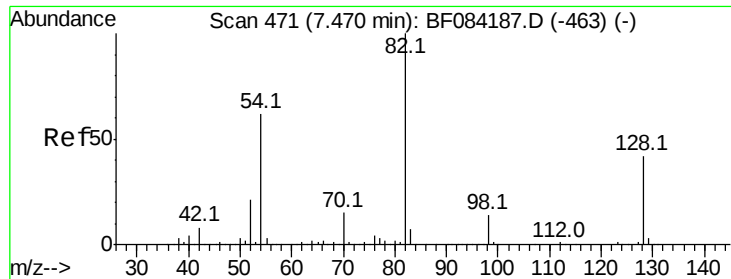
Abundance Ion 136.00 (135.70 to 136.70): E

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

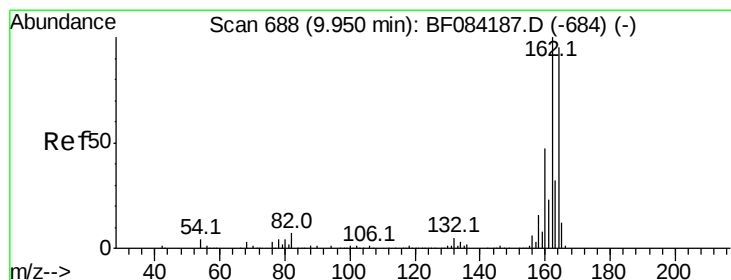
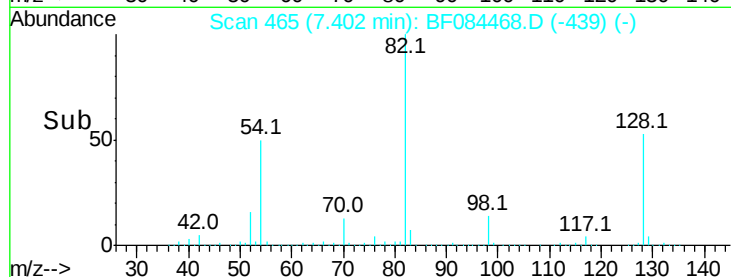
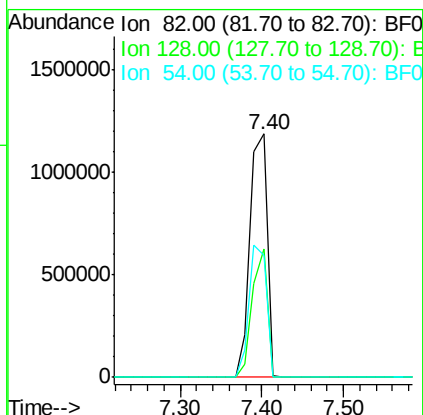
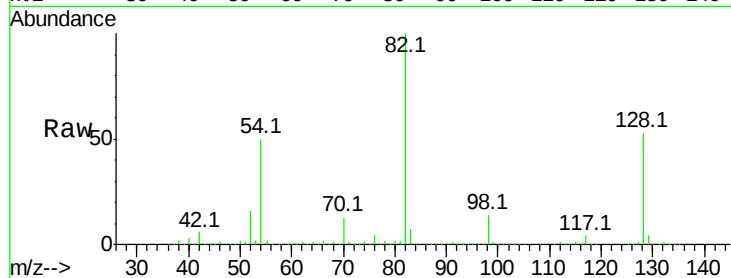




#23
Nitrobenzene-d5
Concen: 91.27 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

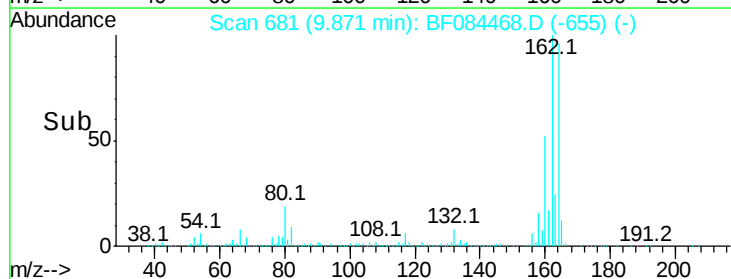
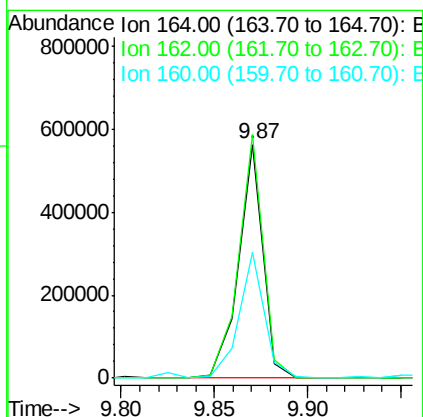
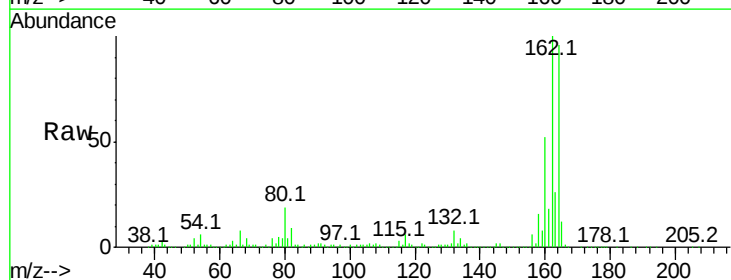
Instrument :
BNA_F
ClientSampleId :
MW-1

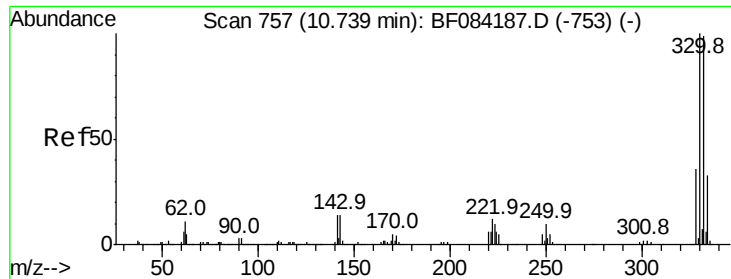
Tot Ion: 82 Resp: 1729027
Ion Ratio Lower Upper
82 100
128 52.9 34.6 51.8#
54 49.9 38.4 57.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:164 Resp: 512828
Ion Ratio Lower Upper
164 100
162 104.3 85.1 127.7
160 53.8 37.5 56.3

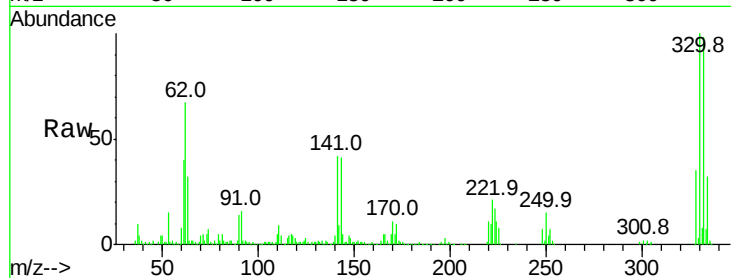




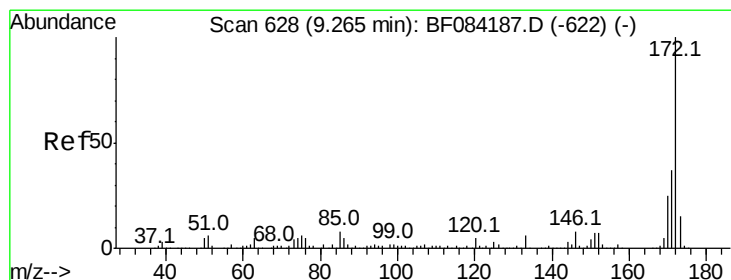
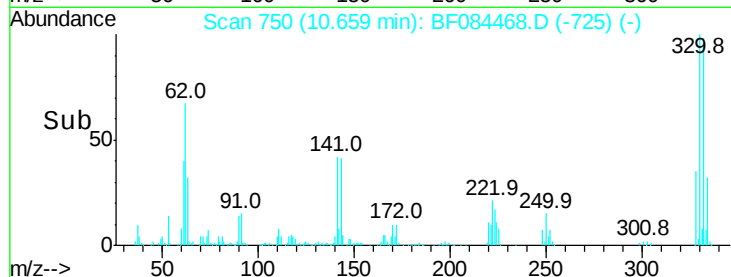
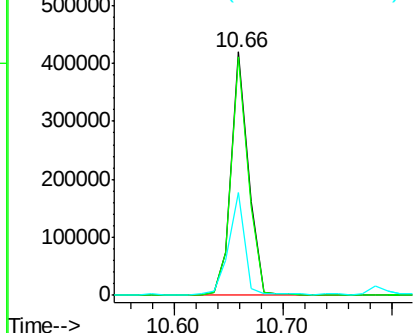
#41
 2,4,6-Tribromophenol
 Concen: 89.42 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF084468.D
 Acq: 14 Jan 2016 4:34

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	38.2	27.8	41.6

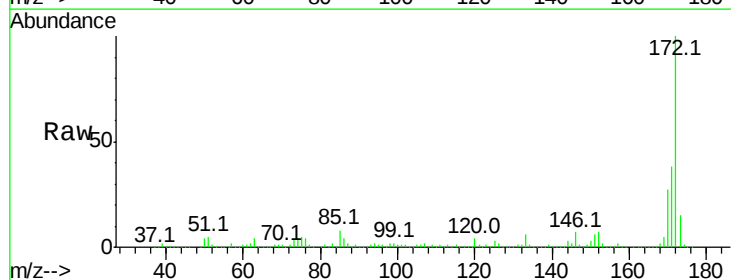


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

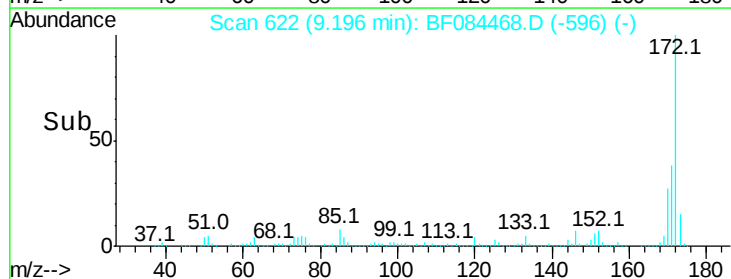
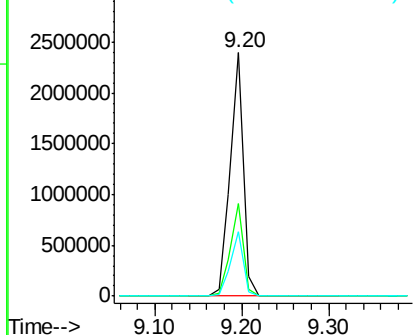


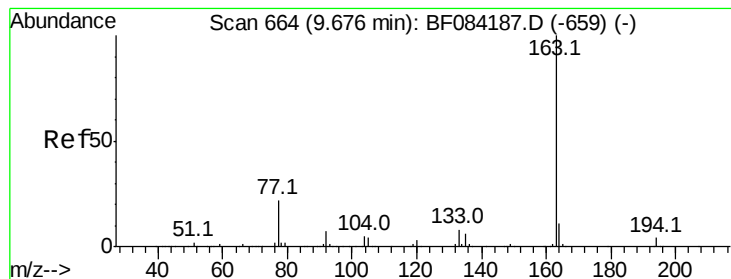
#44
 2-Fluorobiphenyl
 Concen: 86.71 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084468.D
 Acq: 14 Jan 2016 4:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.9	43.3
170	26.5	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





#49

Dimethylphthalate

Concen: 5.24 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

Instrument :

BNA_F

ClientSampleId :

MW-1

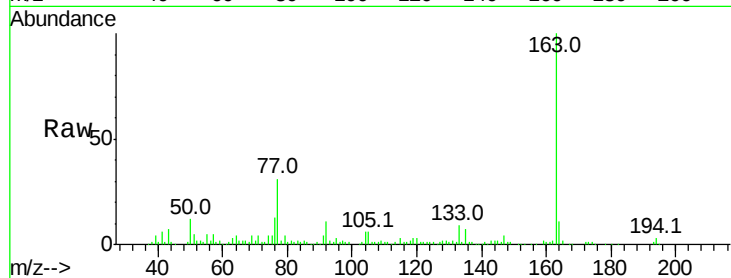
Tot Ion:163 Resp: 192101

Ion Ratio Lower Upper

163 100

194 2.7 8.0 12.0#

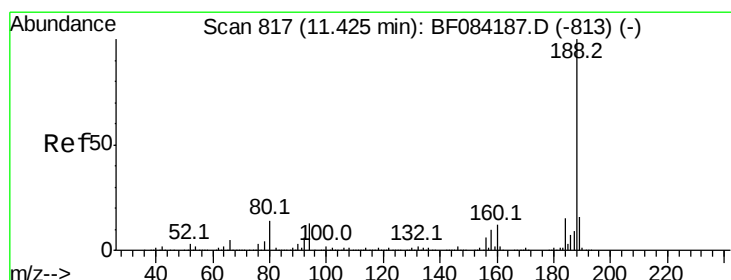
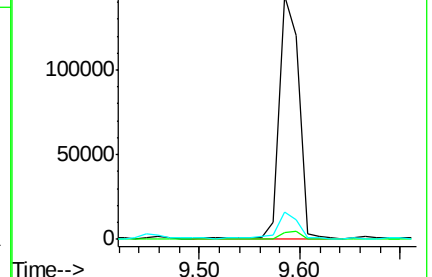
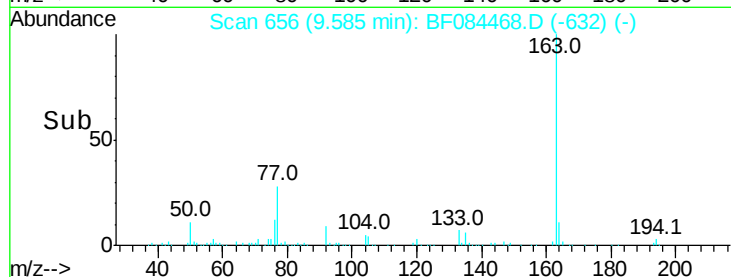
164 11.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

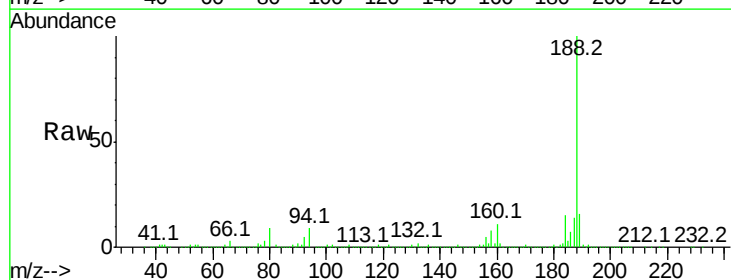
Tgt Ion:188 Resp: 980229

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4

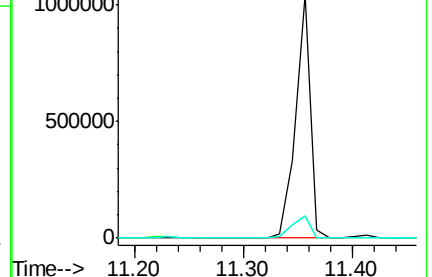
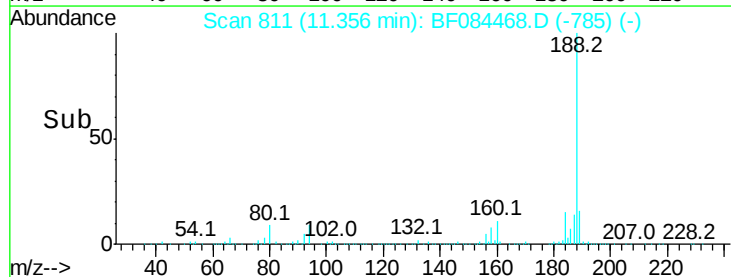
80 9.0 9.6 14.4#

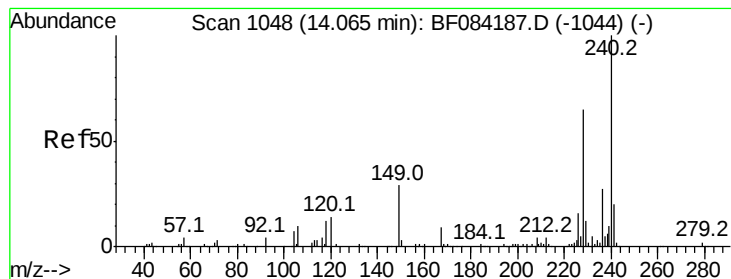


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

Instrument :

BNA_F

ClientSampleId :

MW-1

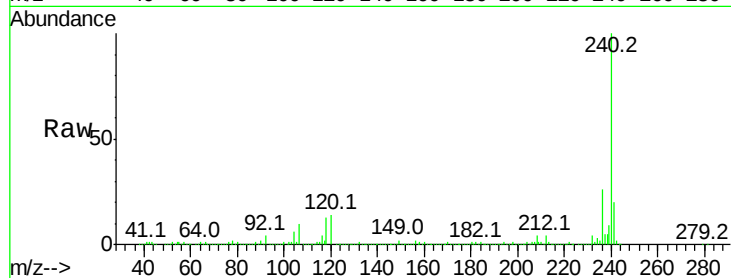
Tot Ion:240 Resp: 823165

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

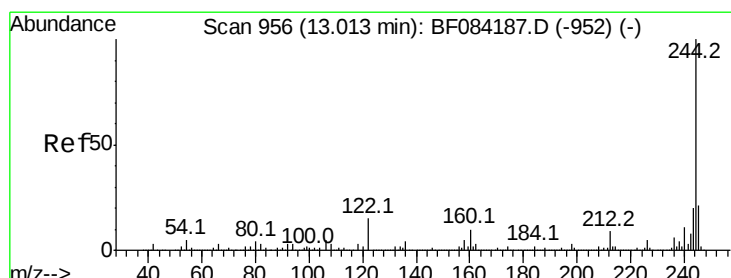
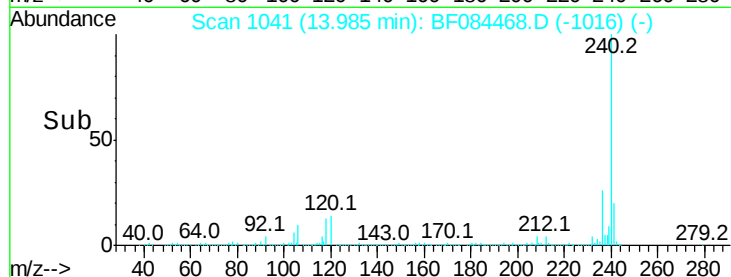
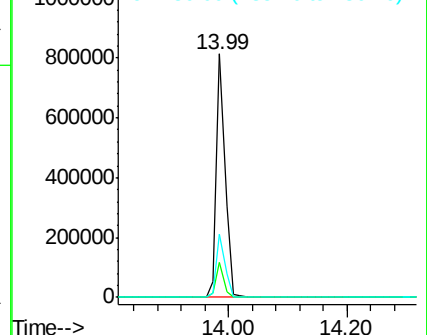
236 26.0 20.6 31.0



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: 64.99 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

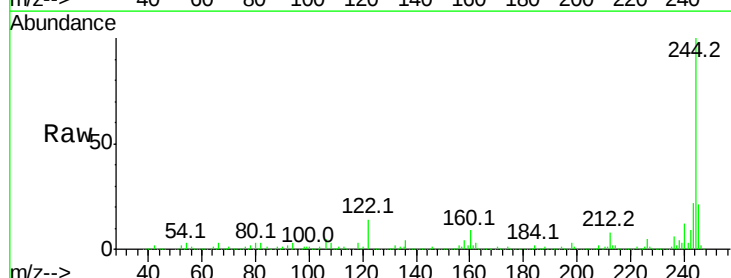
Tgt Ion:244 Resp: 2396724

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

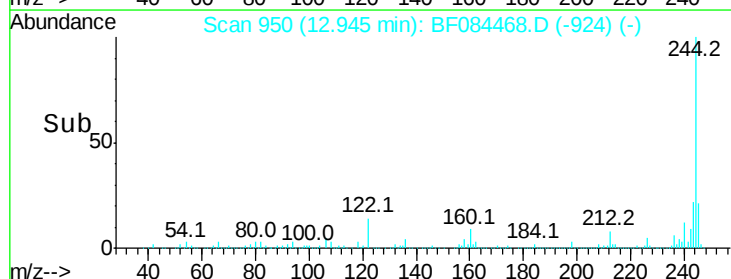
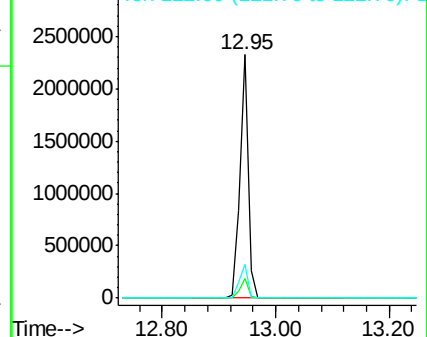
122 13.8 7.4 11.0#

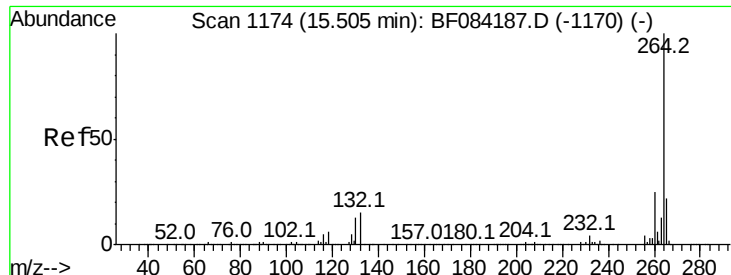


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

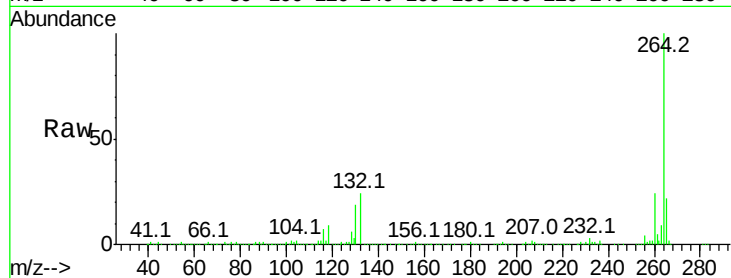




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF084468.D
 Acq: 14 Jan 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:264 Resp: 627813
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.6 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

