

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084018.D
 Acq On : 23 Dec 2015 5:12
 Operator : UM/SJ
 Sample : G4916-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151215MGP155BRV169.5

Quant Time: Dec 23 05:56:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

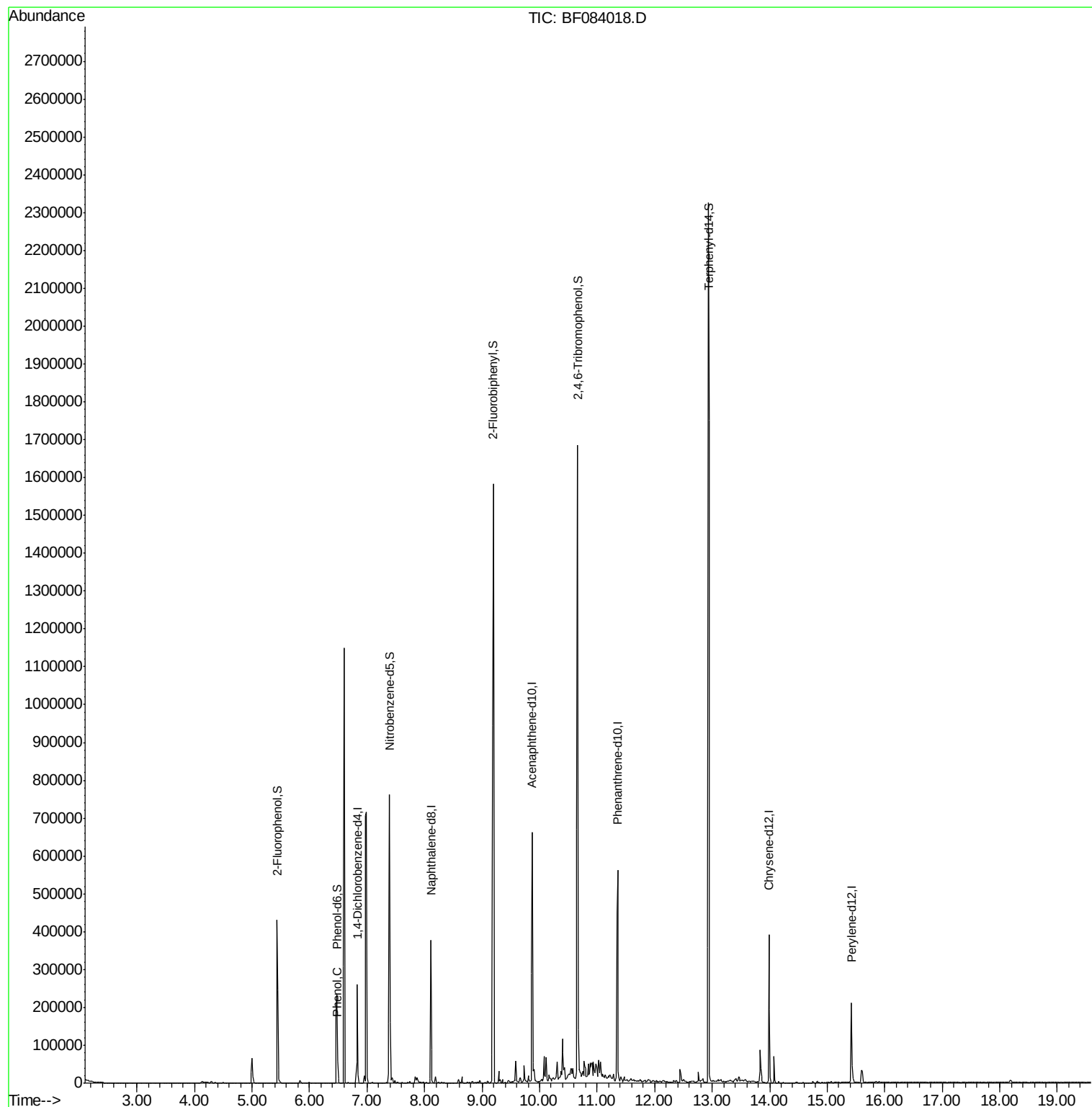
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42599	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	167682	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	141634	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	277693	20.00	ng	0.00
75) Chrysene-d12	13.99	240	155431	20.00	ng	-0.01
86) Perylene-d12	15.43	264	124535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	153140	61.29	ng	0.00
7) Phenol-d6	6.48	99	112717	38.37	ng	0.00
23) Nitrobenzene-d5	7.39	82	250192	91.66	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	221017	162.24	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	615449	58.48	ng	0.00
78) Terphenyl-d14	12.93	244	1021865	156.79	ng	0.00
Target Compounds						
10) Phenol	6.49	94	17838	5.25	ng	Qvalue 88

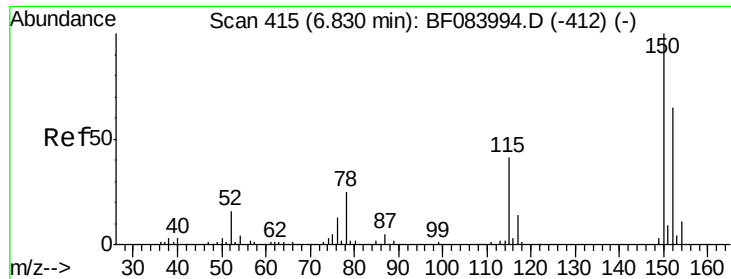
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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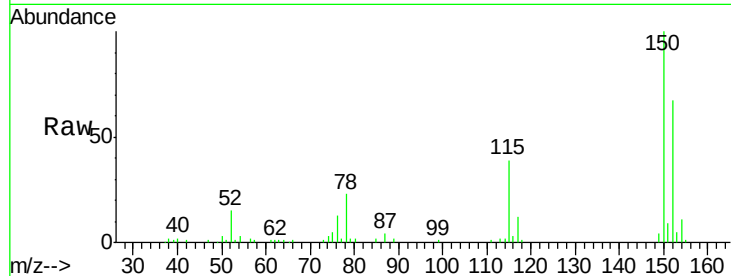


#1

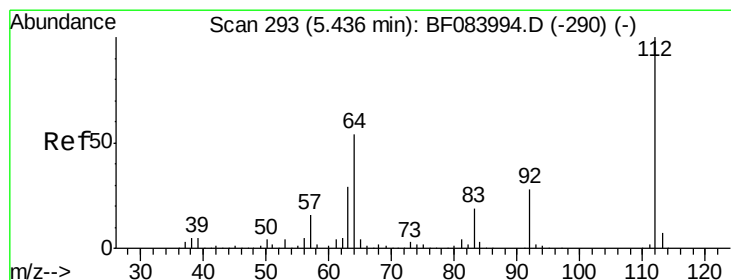
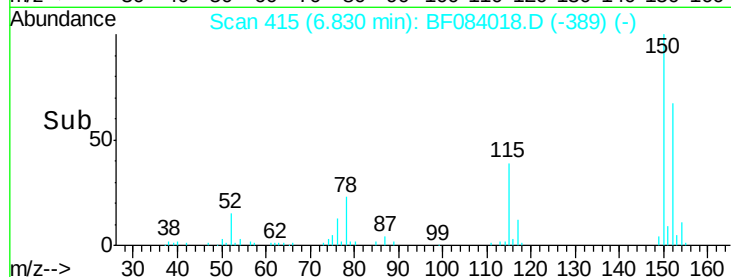
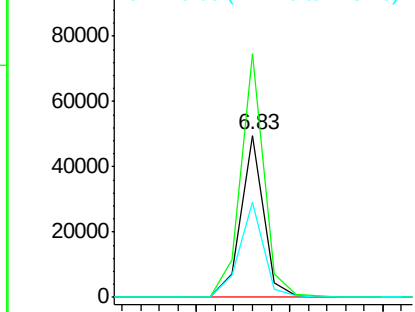
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084018.D
Acq: 23 Dec 2015 5:12

Instrument :
BNA_F
ClientSampleId :
20151215MGP155BRV169.5

Tot Ion:152 Resp: 42599
Ion Ratio Lower Upper
152 100
150 150.1 123.0 184.4
115 58.7 51.4 77.2



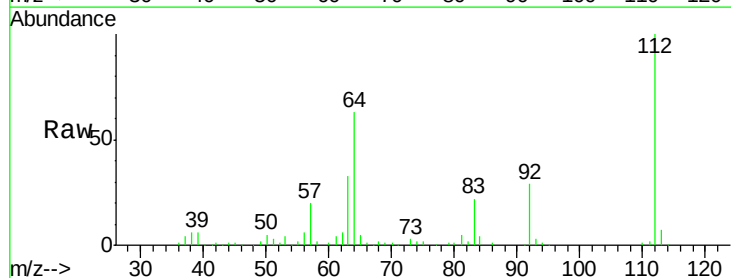
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



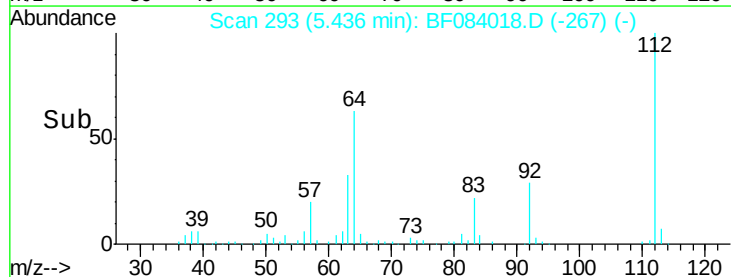
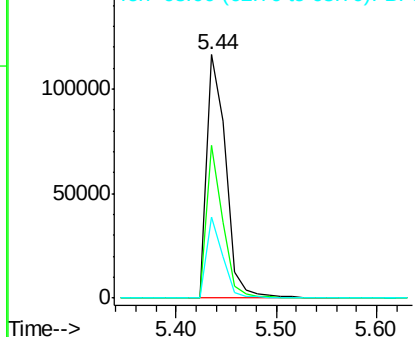
#5

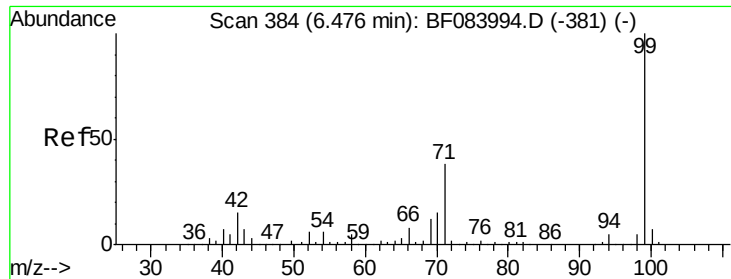
2-Fluorophenol
Concen: 61.29 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF084018.D
Acq: 23 Dec 2015 5:12

Tgt Ion:112 Resp: 153140
Ion Ratio Lower Upper
112 100
64 62.8 36.6 55.0#
63 33.3 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: 38.37 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

Instrument :

BNA_F

ClientSampleId :

20151215MGP155BRV169.5

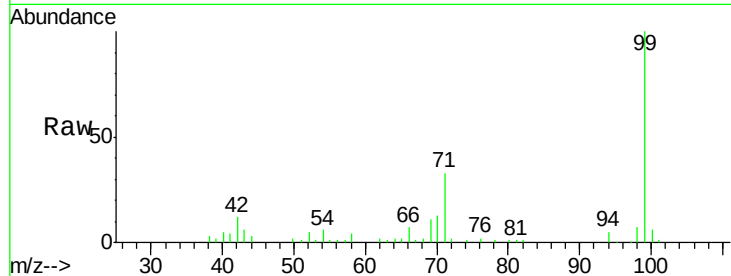
Tot Ion: 99 Resp: 112717

Ion Ratio Lower Upper

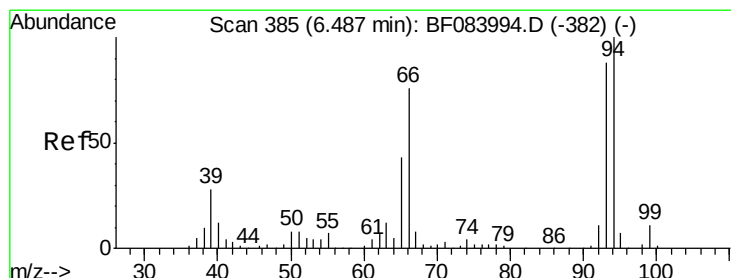
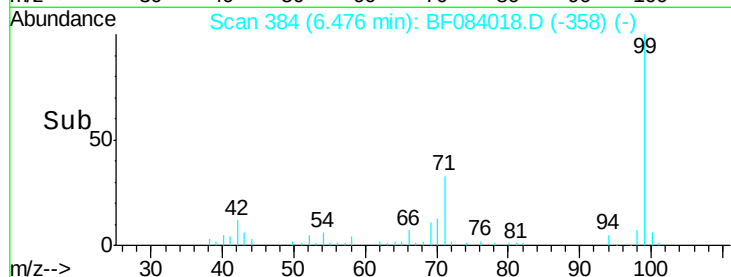
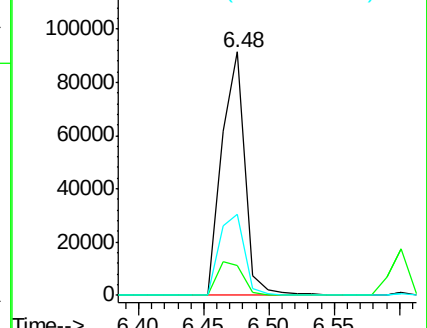
99 100

42 12.2 12.8 19.2#

71 33.1 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



#10

Phenol

Concen: 5.25 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

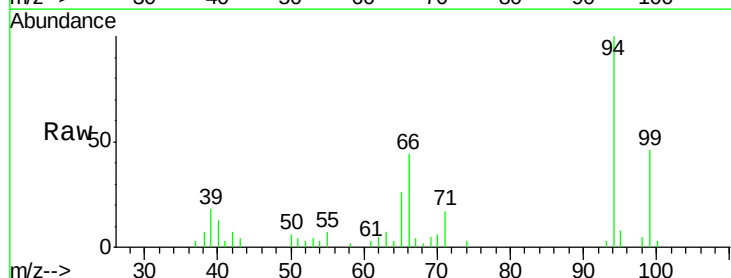
Tgt Ion: 94 Resp: 17838

Ion Ratio Lower Upper

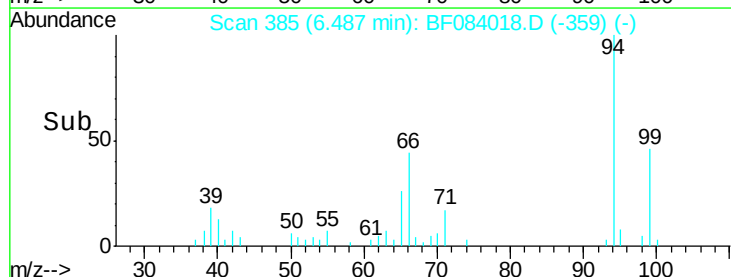
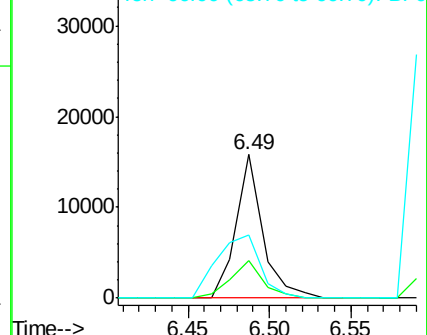
94 100

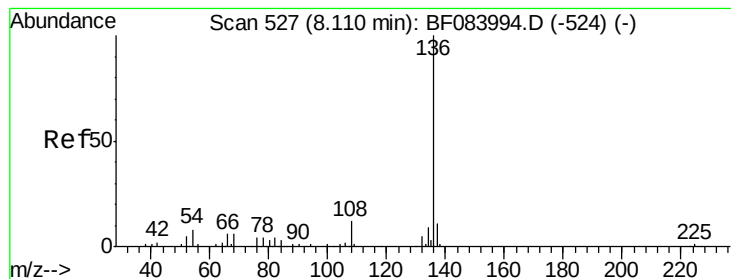
65 26.1 12.9 52.9

66 44.2 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

Instrument :

BNA_F

ClientSampleId :

20151215MGP155BRV169.5

Tot Ion:136 Resp: 167682

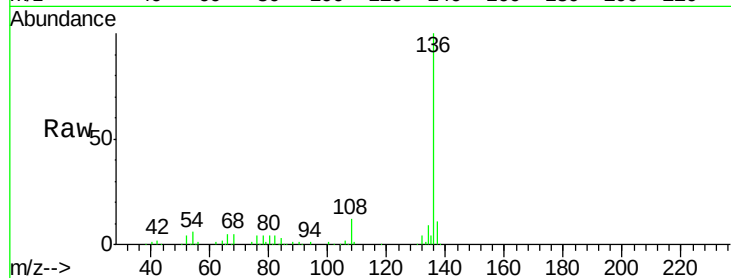
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.3 5.8 8.8

68 4.7 4.2 6.2

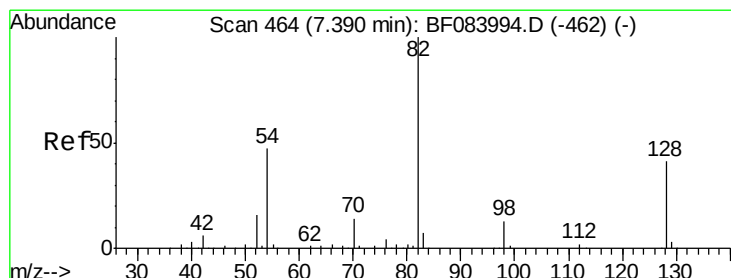
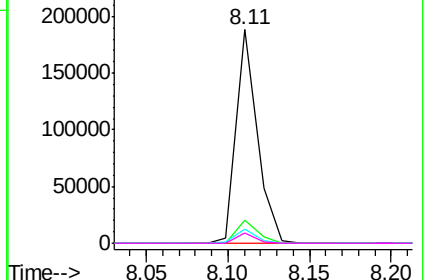
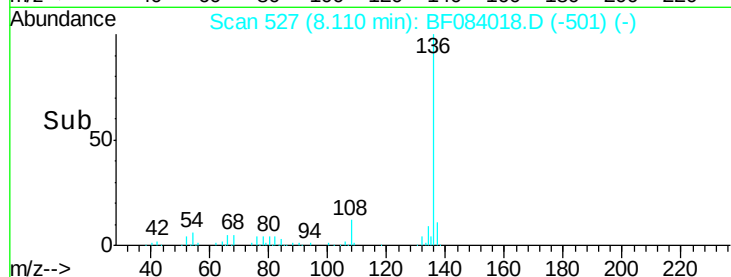


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.66 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

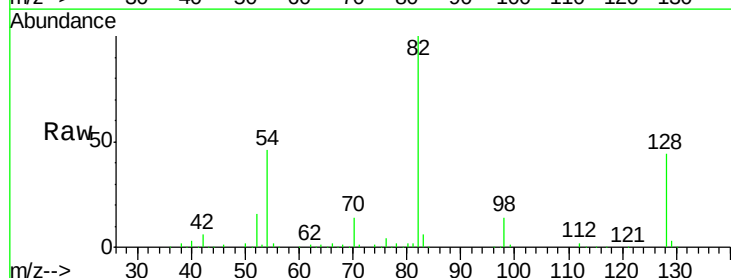
Tgt Ion: 82 Resp: 250192

Ion Ratio Lower Upper

82 100

128 44.4 34.6 51.8

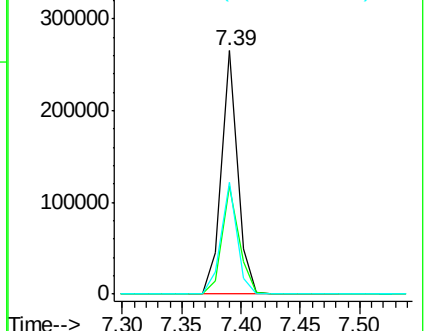
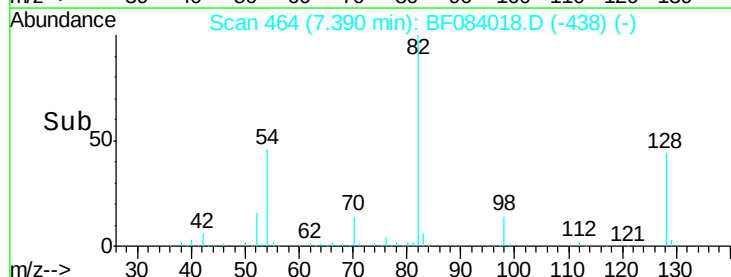
54 46.1 38.4 57.6

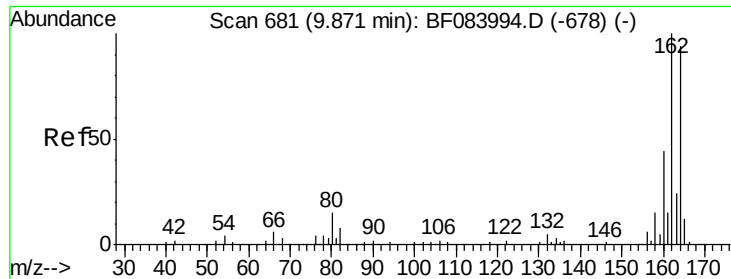


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

Instrument :

BNA_F

ClientSampleId :

20151215MGP155BRV169.5

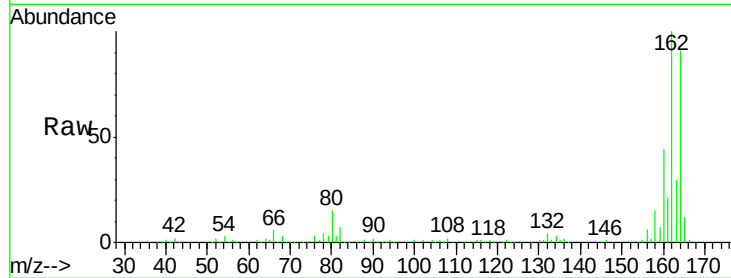
Tot Ion:164 Resp: 141634

Ion Ratio Lower Upper

164 100

162 109.5 85.1 127.7

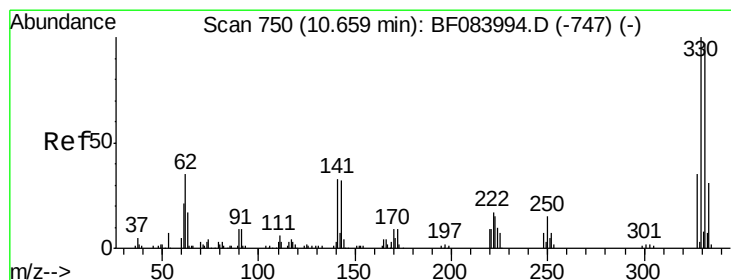
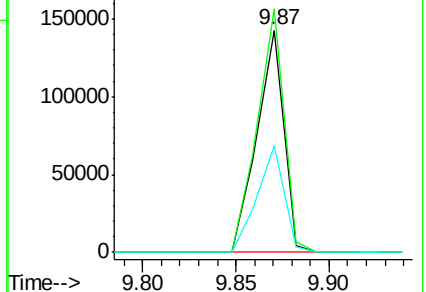
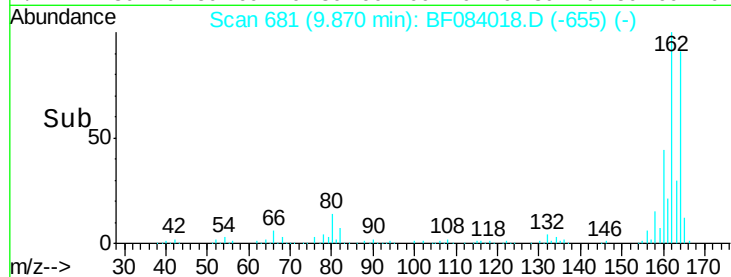
160 48.0 37.5 56.3



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: 162.24 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

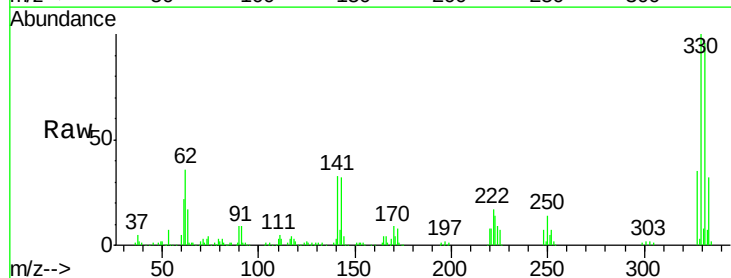
Tgt Ion:330 Resp: 221017

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

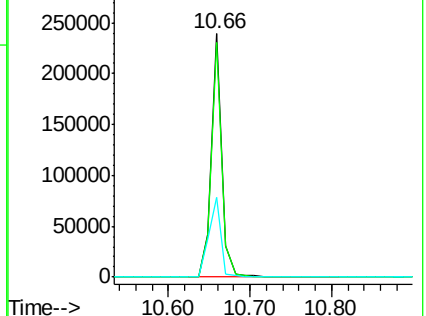
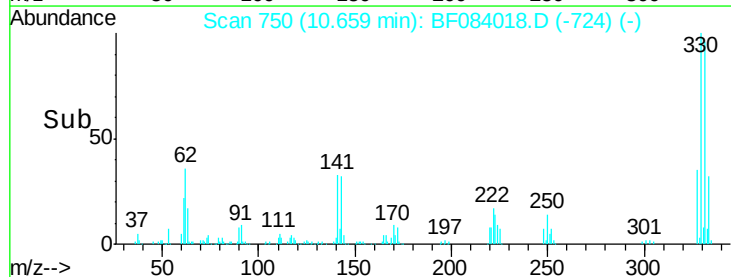
141 38.0 27.8 41.6

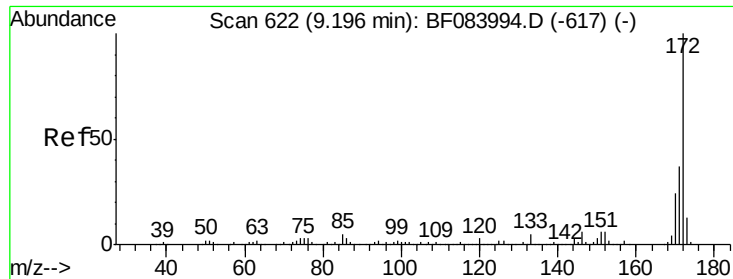


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

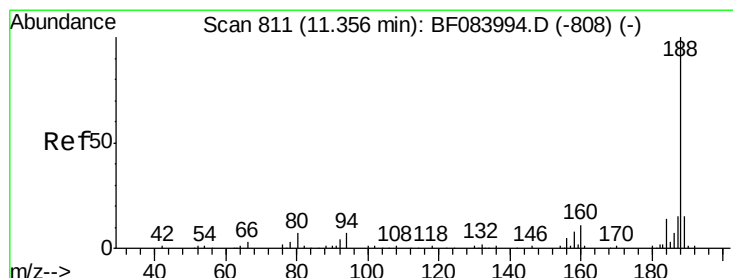
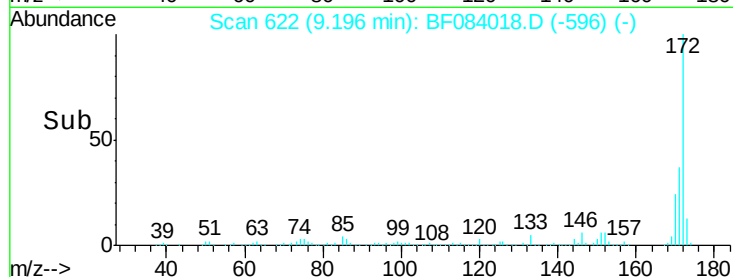
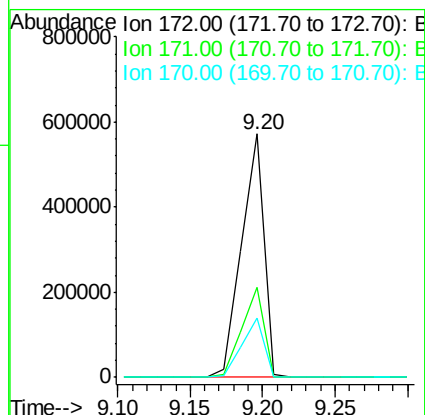
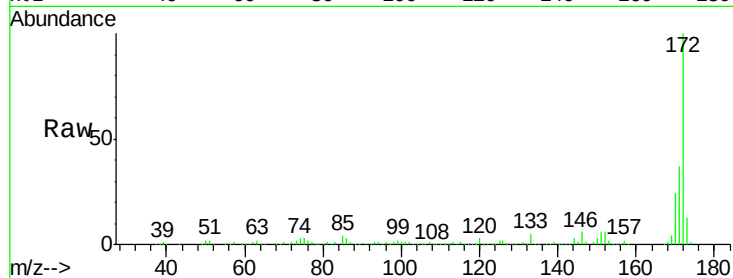




#44
2-Fluorobiphenyl
Concen: 58.48 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084018.D
Acq: 23 Dec 2015 5:12

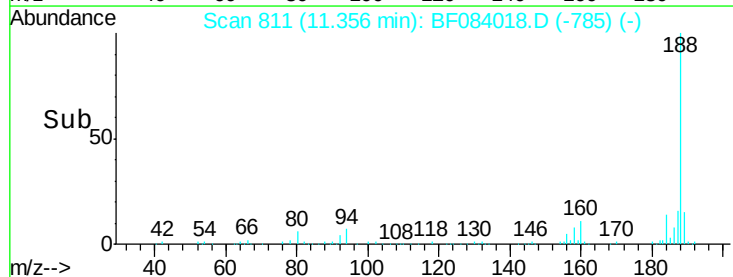
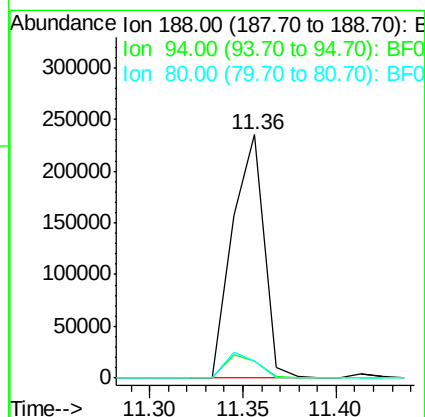
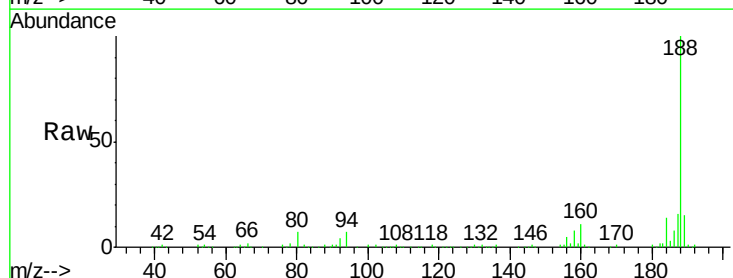
Instrument :
BNA_F
ClientSampleId :
20151215MGP155BRV169.5

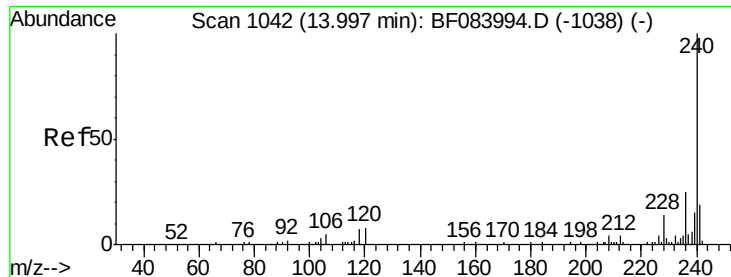
Tot Ion:172 Resp: 615449
Ion Ratio Lower Upper
172 100
171 36.8 28.9 43.3
170 24.2 18.6 27.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084018.D
Acq: 23 Dec 2015 5:12

Tgt Ion:188 Resp: 277693
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.4#
80 6.8 9.6 14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

Instrument :

BNA_F

ClientSampleId :

20151215MGP155BRV169.5

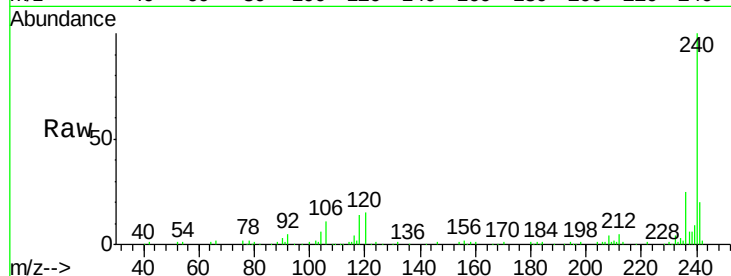
Tot Ion:240 Resp: 155431

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

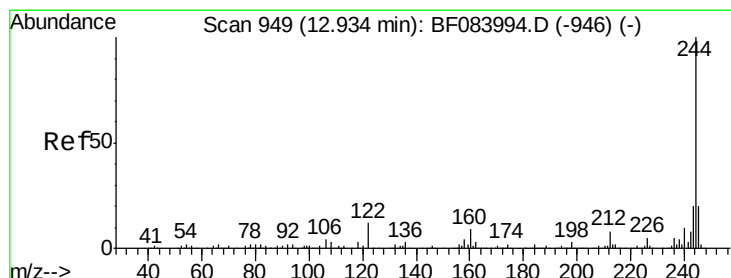
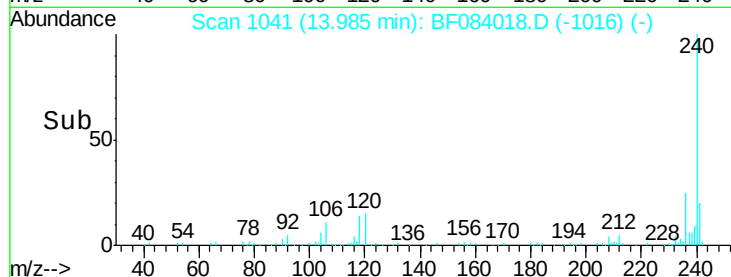
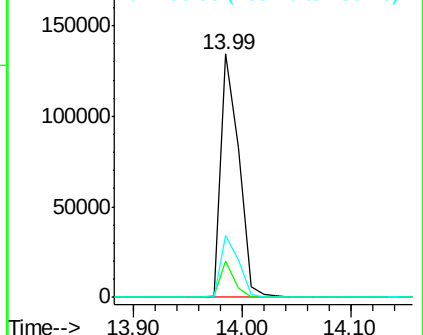
236 25.2 20.6 31.0



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: 156.79 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

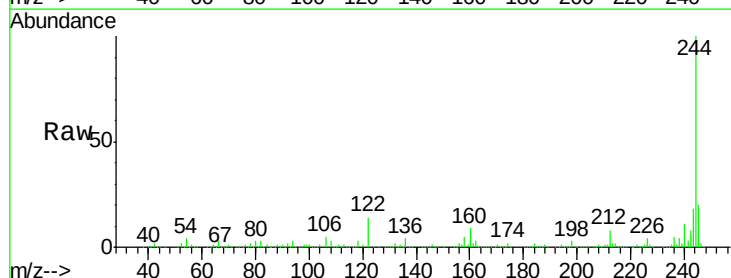
Tgt Ion:244 Resp: 1021865

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

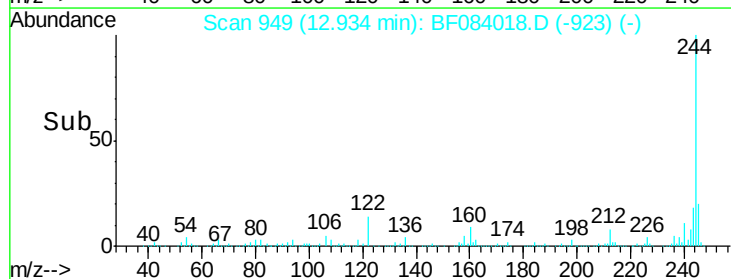
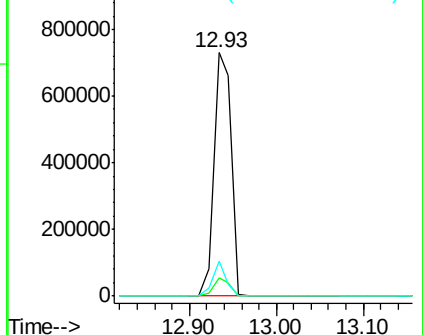
122 14.2 7.4 11.0#

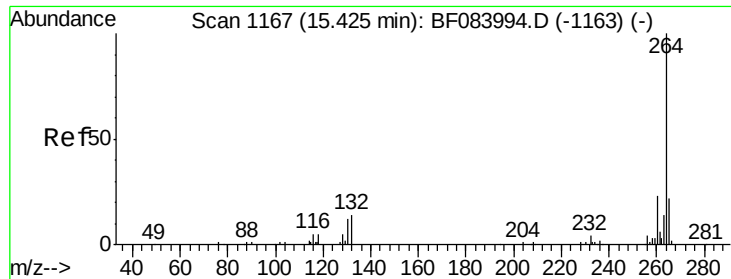


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF084018.D
 Acq: 23 Dec 2015 5:12

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.3	17.8	26.6

