

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084367.D
 Acq On : 10 Jan 2016 16:20
 Operator : SJ/UM
 Sample : H1043-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4COMP

Quant Time: Jan 11 05:47:31 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

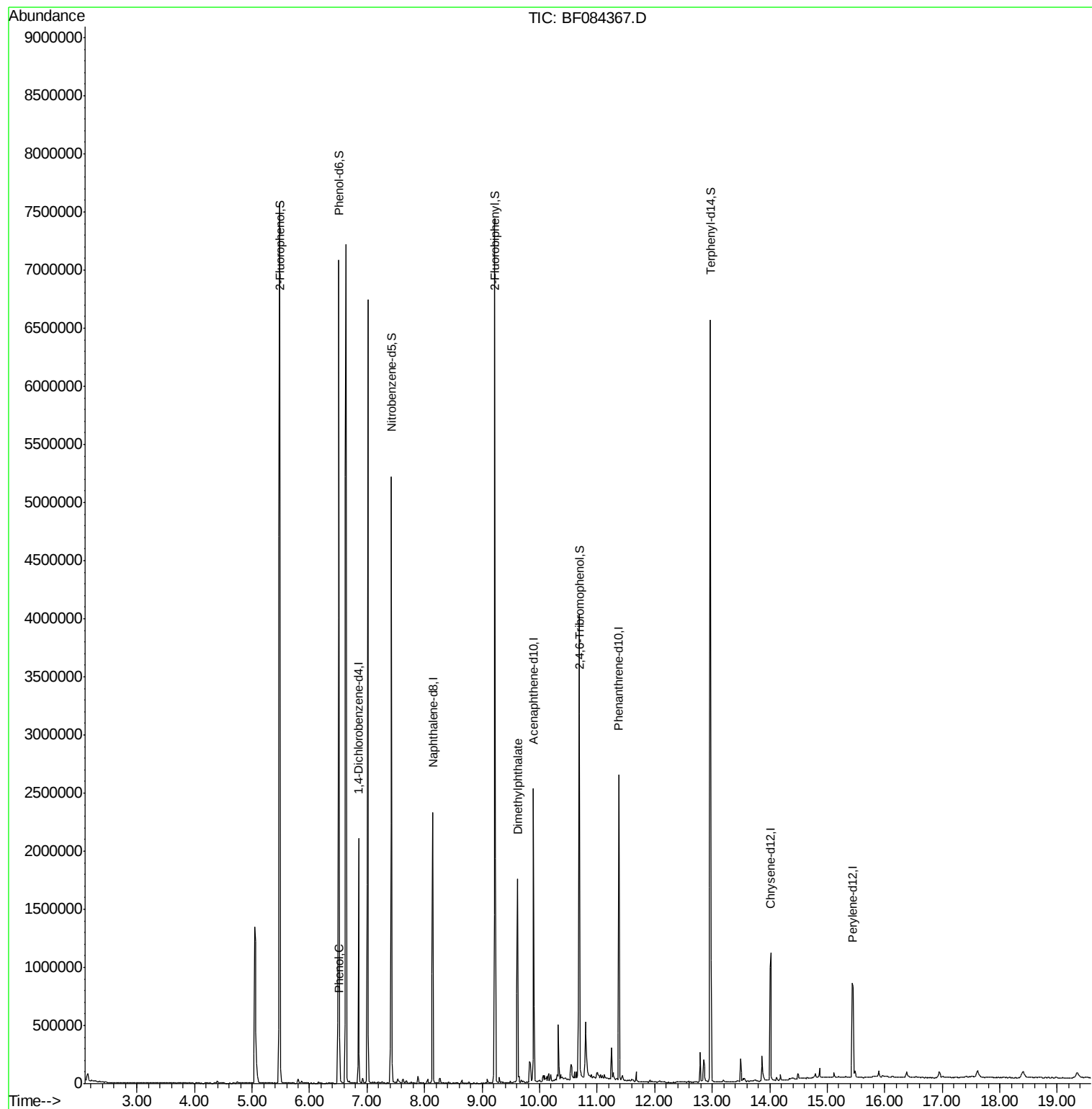
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	266769	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1132485	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	479048	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	854233	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	547414	20.00	ng	-0.05
86) Perylene-d12	15.45	264	467711	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2315462	140.39	ng	-0.01
7) Phenol-d6	6.51	99	2609302	125.97	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1769555	86.96	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	714209	147.67	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2397521	88.29	ng	-0.05
78) Terphenyl-d14	12.97	244	2003391	81.69	ng	-0.05
Target Compounds						
10) Phenol	6.52	94	61366	2.61	ng	Qvalue 81
49) Dimethylphthalate	9.62	163	798778	23.32	ng	# 91

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

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QLast Update : Mon Jan 04 12:22:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084367.D

Acq: 10 Jan 2016 16:20

Instrument :

BNA_F

ClientSampleId :

SB-4COMP

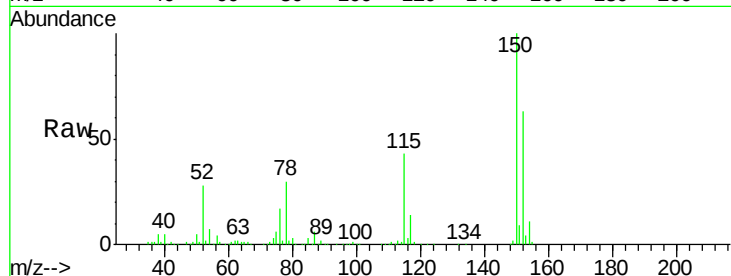
Tot Ion:152 Resp: 266769

Ion Ratio Lower Upper

152 100

150 159.7 123.0 184.4

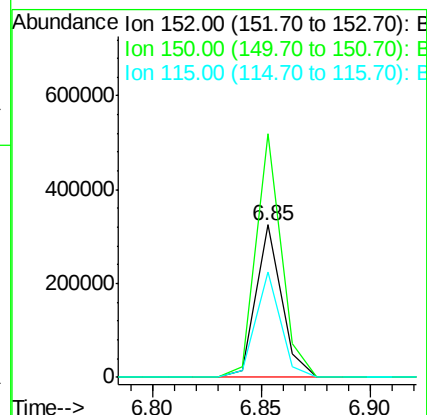
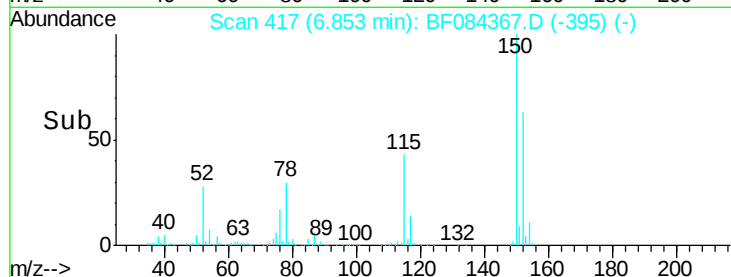
115 69.5 51.4 77.2



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: 140.39 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084367.D

Acq: 10 Jan 2016 16:20

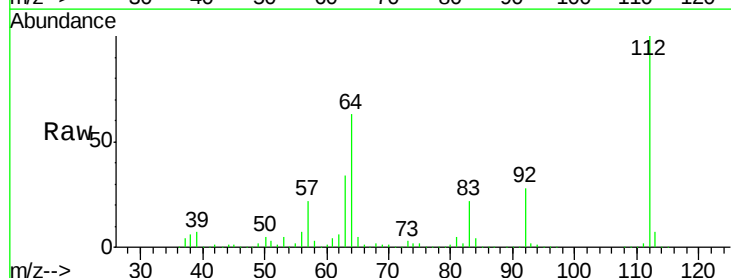
Tgt Ion:112 Resp: 2315462

Ion Ratio Lower Upper

112 100

64 63.5 36.6 55.0#

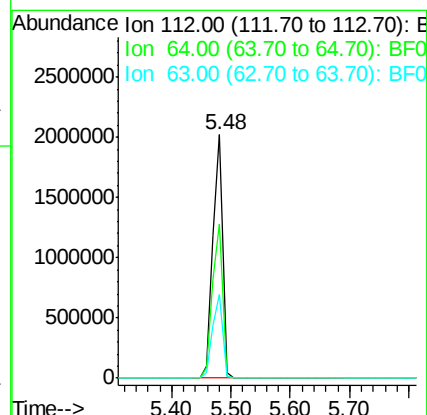
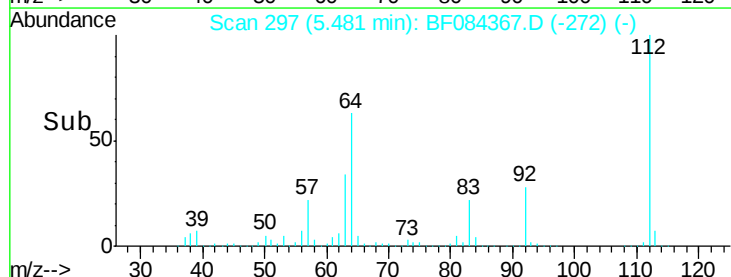
63 34.5 19.4 29.0#

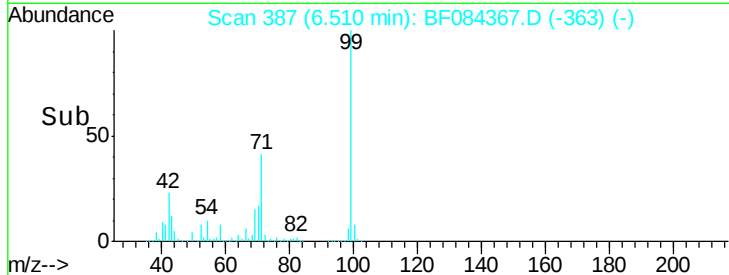
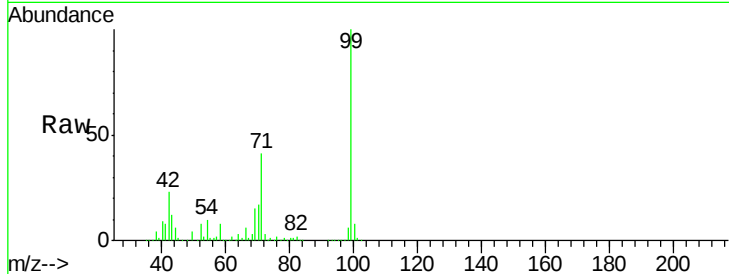
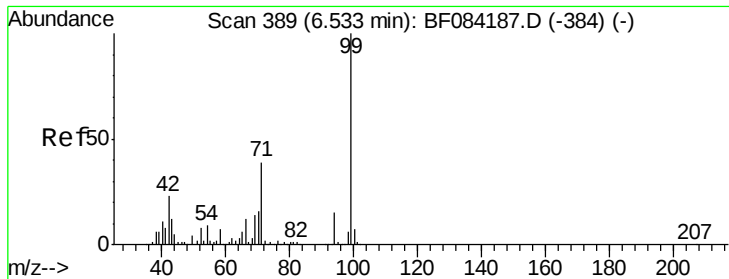


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.97 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084367.D

Acq: 10 Jan 2016 16:20

Instrument :

BNA_F

ClientSampleId :

SB-4COMP

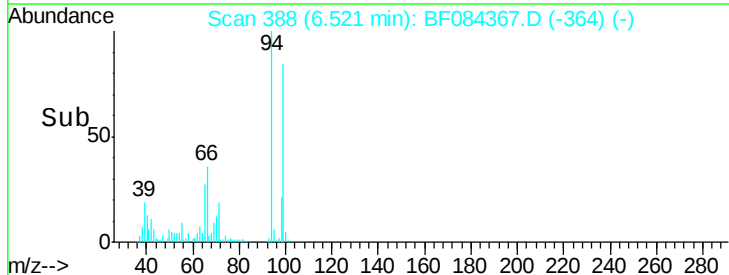
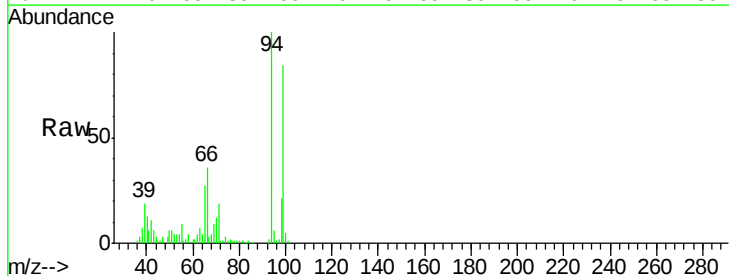
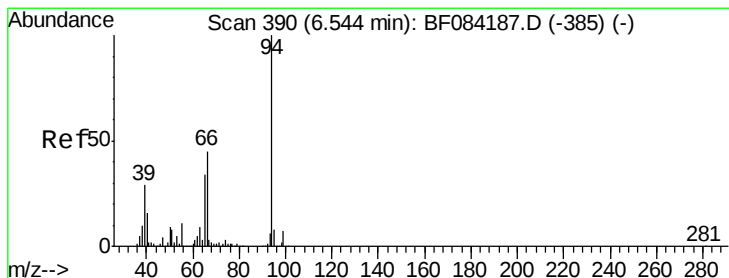
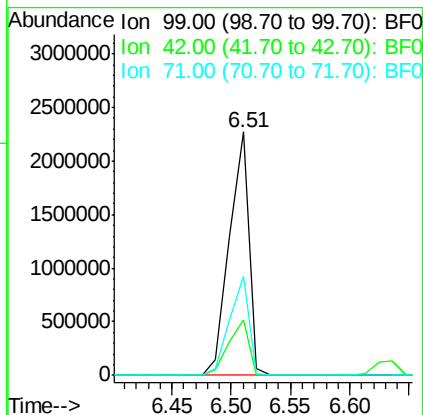
Tot Ion: 99 Resp: 2609302

Ion Ratio Lower Upper

99 100

42 22.7 12.8 19.2#

71 40.6 30.9 46.3



#10

Phenol

Concen: 2.61 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084367.D

Acq: 10 Jan 2016 16:20

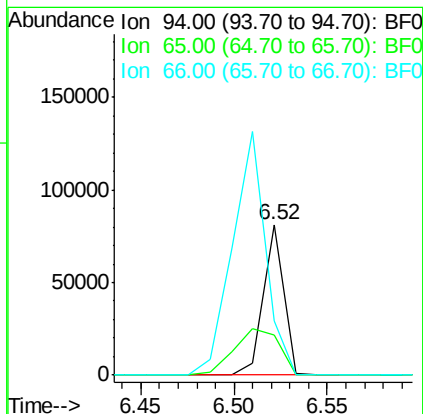
Tgt Ion: 94 Resp: 61366

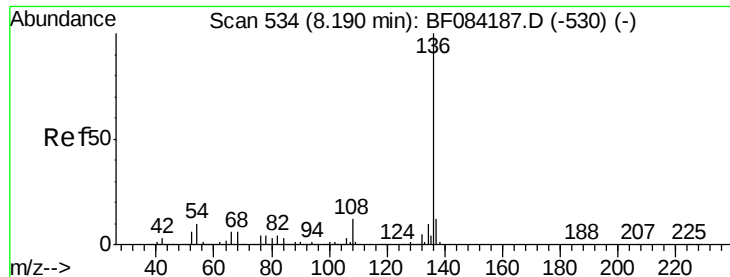
Ion Ratio Lower Upper

94 100

65 26.8 12.9 52.9

66 35.7 32.7 72.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084367.D

Acq: 10 Jan 2016 16:20

Instrument :

BNA_F

ClientSampleId :

SB-4COMP

Tot Ion:136 Resp: 1132485

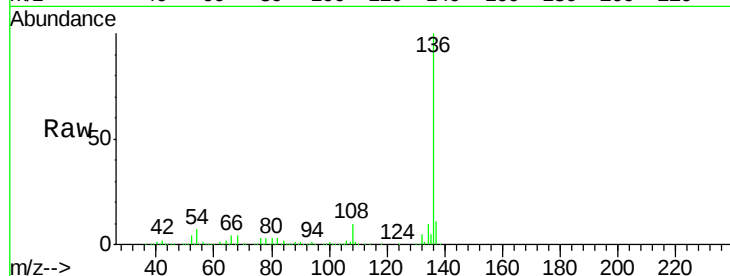
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.2 5.8 8.8

68 4.2 4.2 6.2

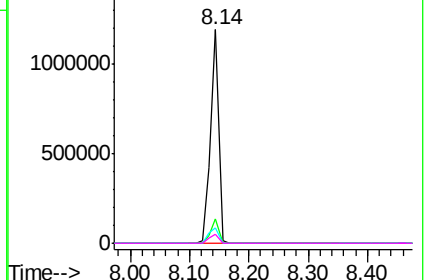
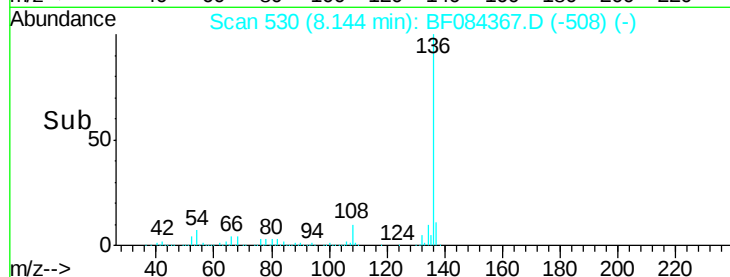


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.96 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084367.D

Acq: 10 Jan 2016 16:20

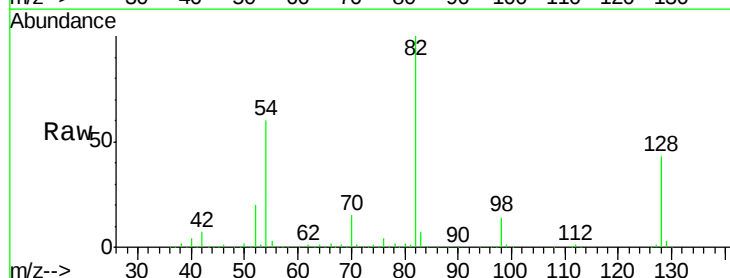
Tgt Ion: 82 Resp: 1769555

Ion Ratio Lower Upper

82 100

128 43.0 34.6 51.8

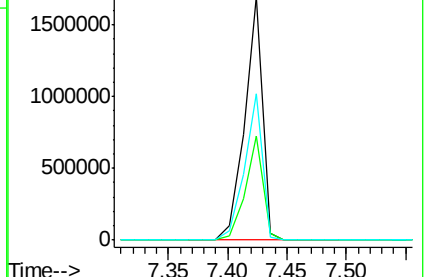
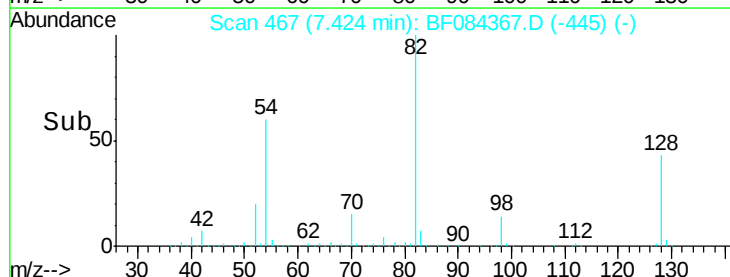
54 60.2 38.4 57.6#

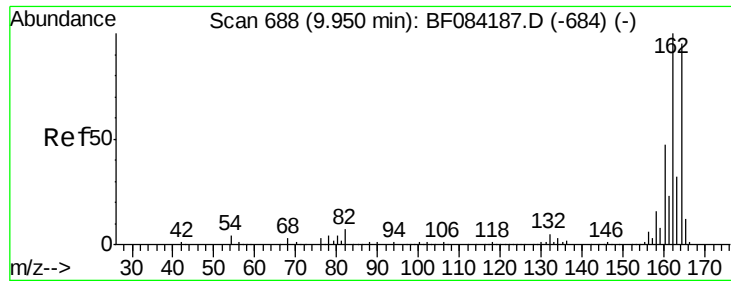


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF084367.D

Acq: 10 Jan 2016 16:20

Instrument :

BNA_F

ClientSampleId :

SB-4COMP

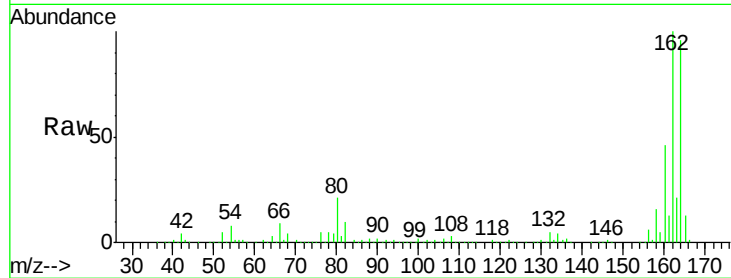
Tot Ion:164 Resp: 479048

Ion Ratio Lower Upper

164 100

162 103.9 85.1 127.7

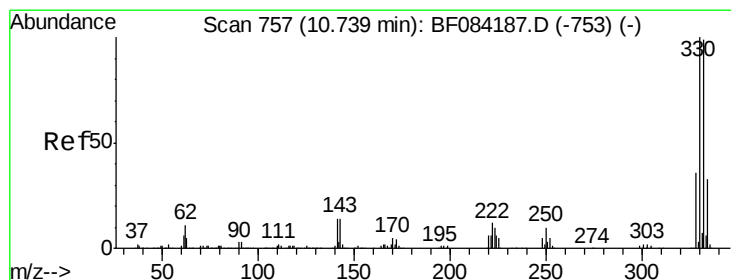
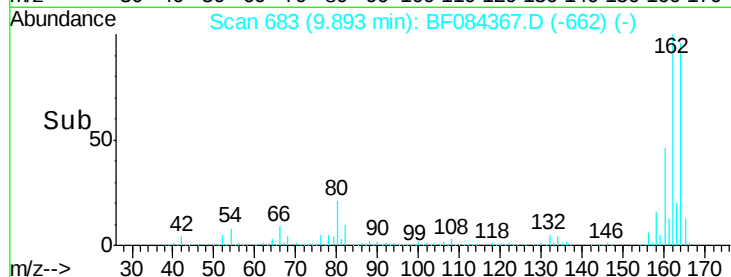
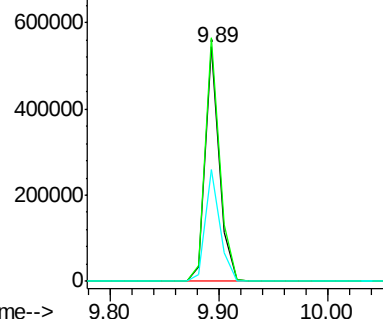
160 47.7 37.5 56.3



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: 147.67 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084367.D

Acq: 10 Jan 2016 16:20

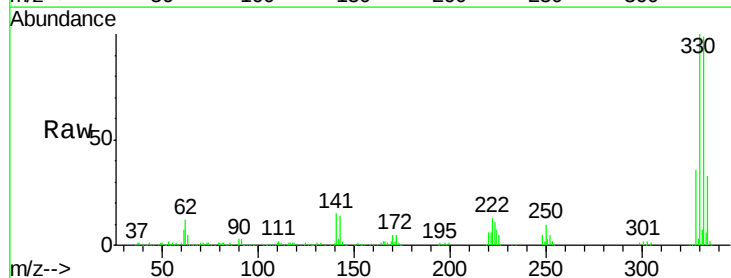
Tgt Ion:330 Resp: 714209

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

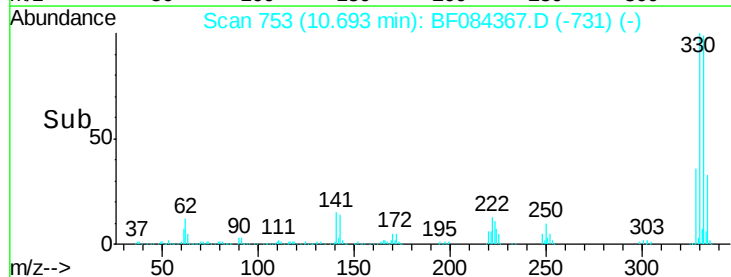
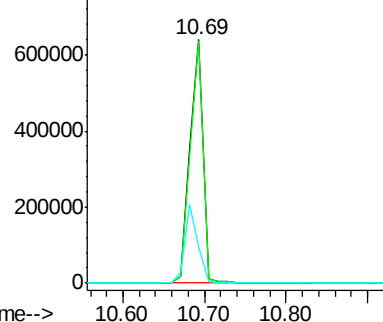
141 32.4 27.8 41.6

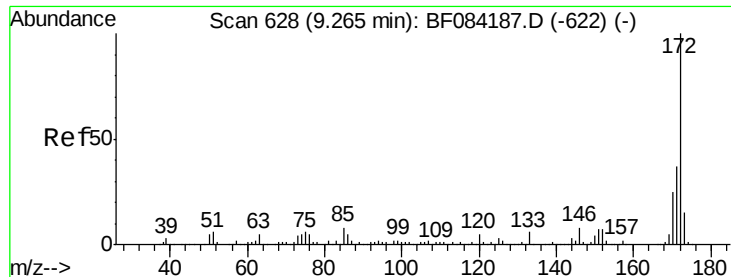


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



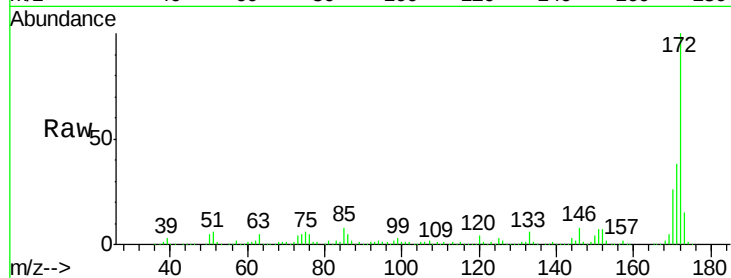


#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084367.D
 Acq: 10 Jan 2016 16:20

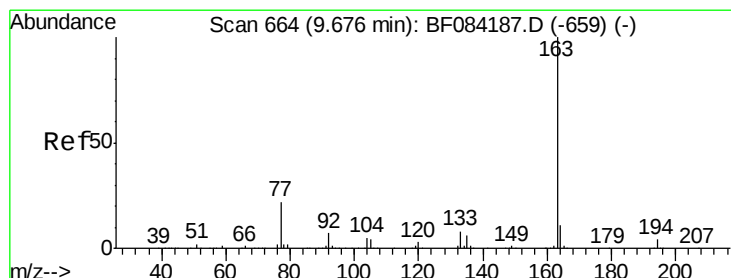
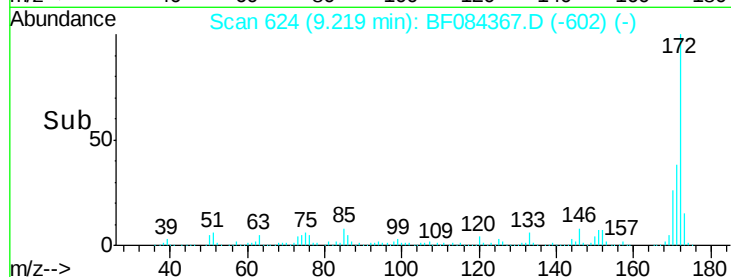
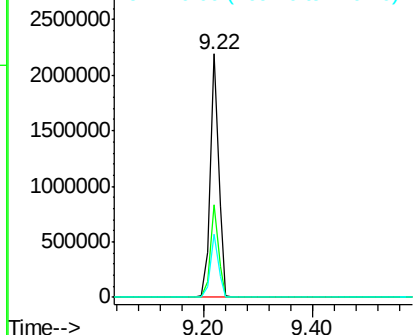
Instrument :
 BNA_F
 ClientSampleId :
 SB-4COMP

Tot Ion:172 Resp: 2397521

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.9	43.3
170	25.8	18.6	27.8



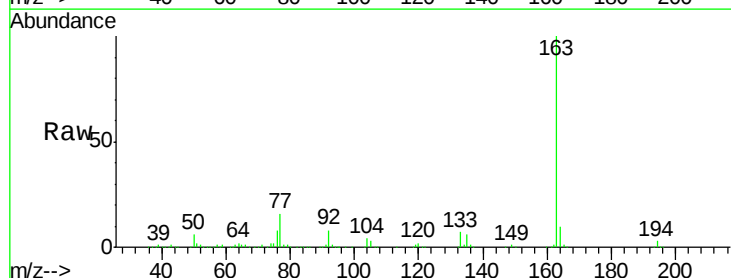
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



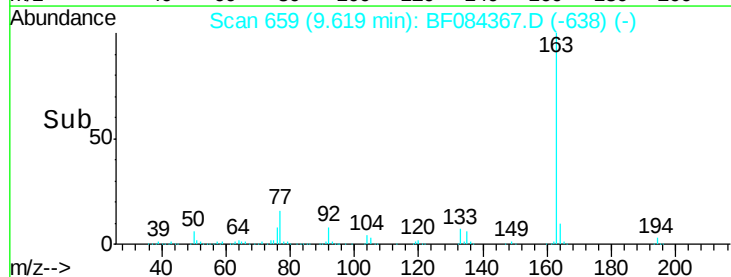
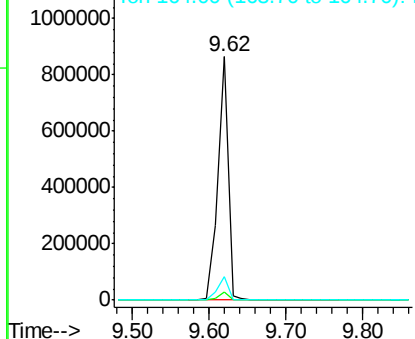
#49
 Dimethylphthalate
 Concen: 23.32 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.06 min
 Lab File: BF084367.D
 Acq: 10 Jan 2016 16:20

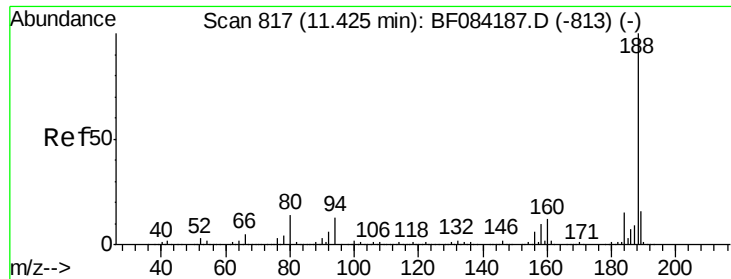
Tgt Ion:163 Resp: 798778

Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	9.8	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: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084367.D

Acq: 10 Jan 2016 16:20

Instrument :

BNA_F

ClientSampleId :

SB-4COMP

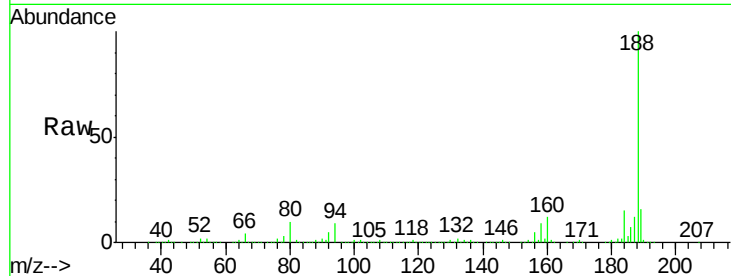
Tot Ion:188 Resp: 854233

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

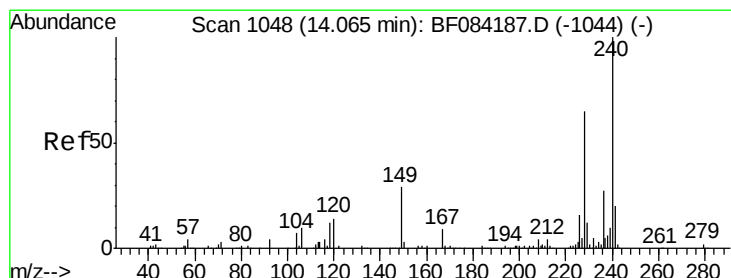
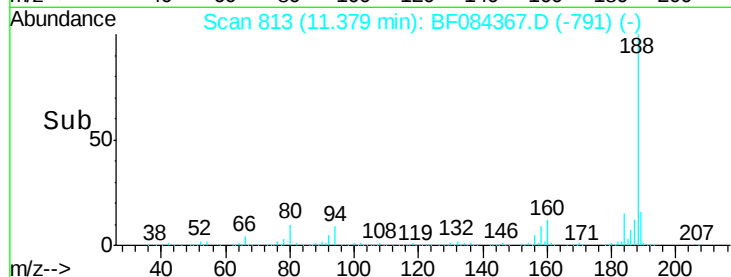
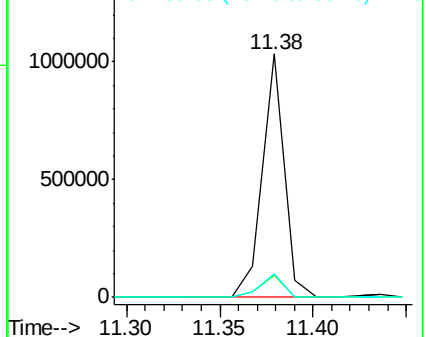
80 9.7 9.6 14.4



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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084367.D

Acq: 10 Jan 2016 16:20

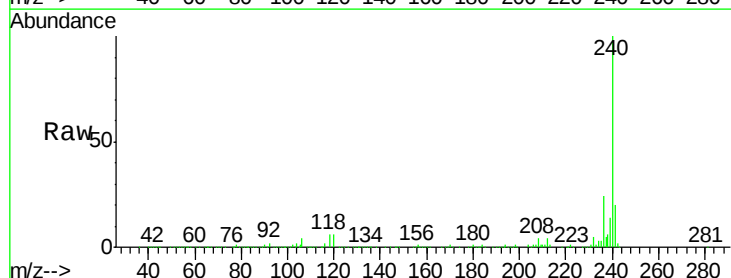
Tgt Ion:240 Resp: 547414

Ion Ratio Lower Upper

240 100

120 6.2 9.5 14.3#

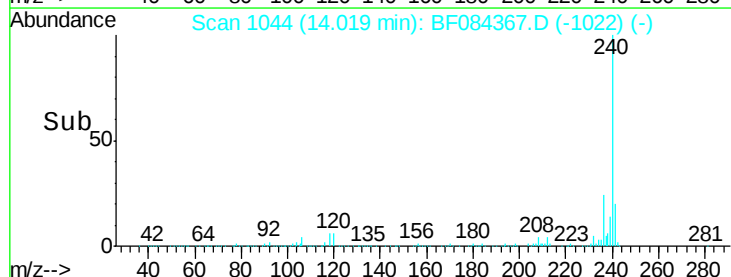
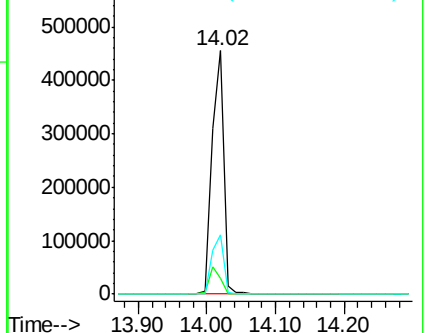
236 24.4 20.6 31.0

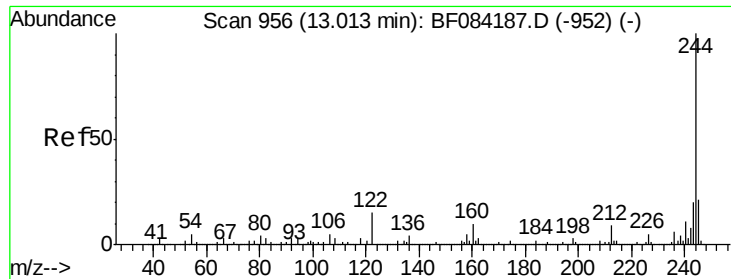


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

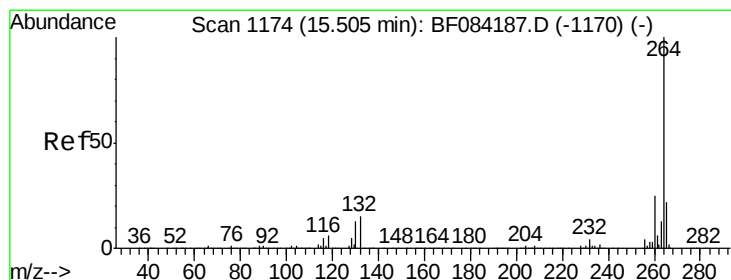
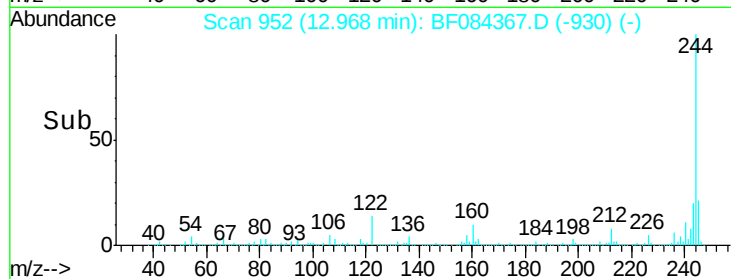
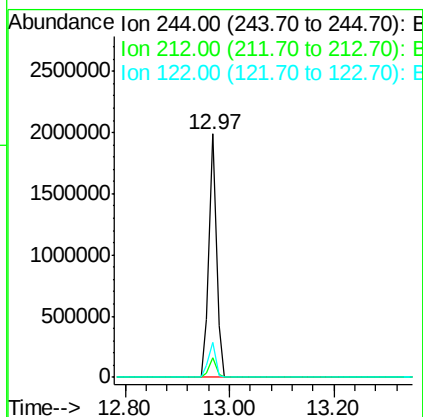
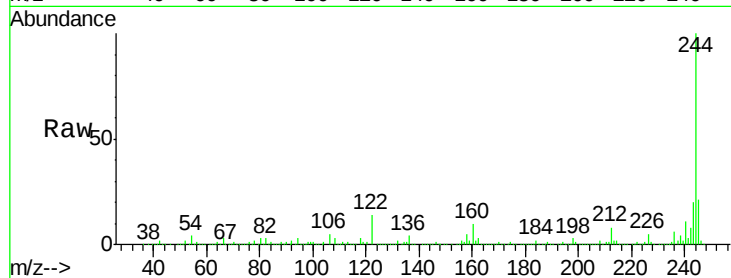




#78
 Terphenyl-d14
 Concen: 81.69 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084367.D
 Acq: 10 Jan 2016 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-4COMP

Tot Ion:244 Resp: 2003391
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.4 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084367.D
 Acq: 10 Jan 2016 16:20

Tgt Ion:264 Resp: 467711
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 20.9 17.8 26.6

