

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084067.D
 Acq On : 24 Dec 2015 7:07
 Operator : UM/SJ
 Sample : G4925-05
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 24 10:30:37 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	6.82	152	50963	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	189128	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	83002	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	121657	20.00	ng	0.00
75) Chrysene-d12	13.99	240	87666	20.00	ng	-0.01
86) Perylene-d12	15.41	264	81034	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	147427	49.32	ng	0.01
7) Phenol-d6	6.50	99	121116	34.46	ng	0.02
23) Nitrobenzene-d5	7.39	82	277758	90.22	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	97382	121.98	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	540895	87.70	ng	0.00
78) Terphenyl-d14	12.93	244	295714	80.44	ng	0.00

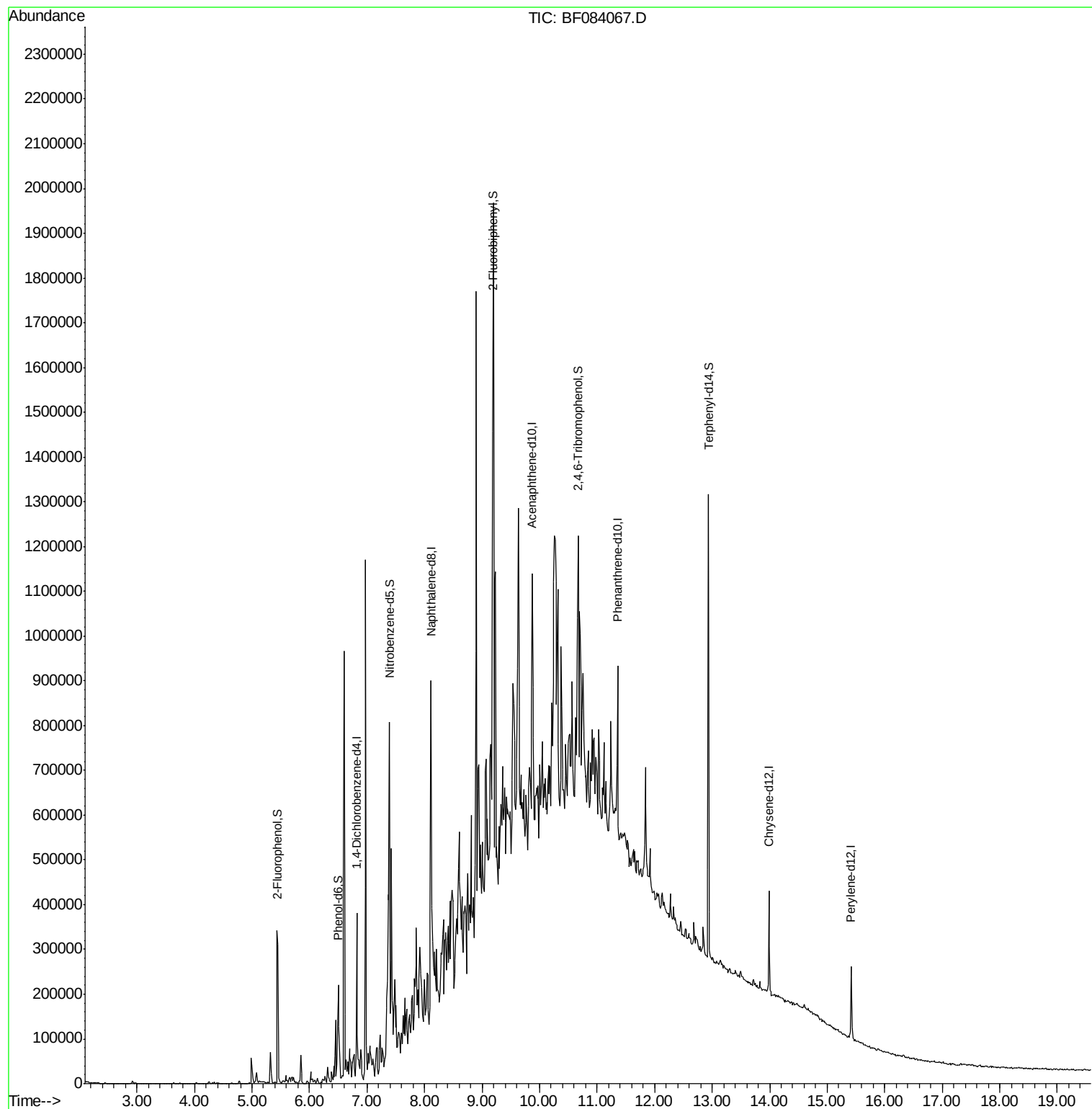
Target Compounds Qvalue

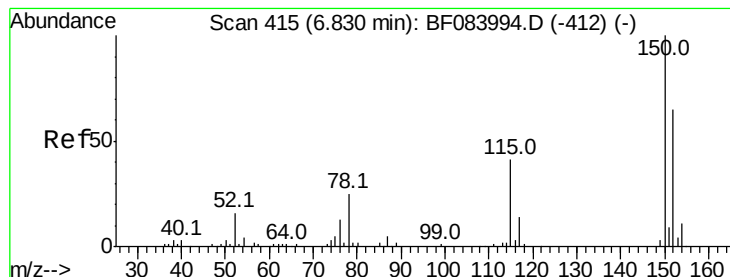
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084067.D

Acq: 24 Dec 2015 7:07

Instrument :

BNA_F

ClientSampleId :

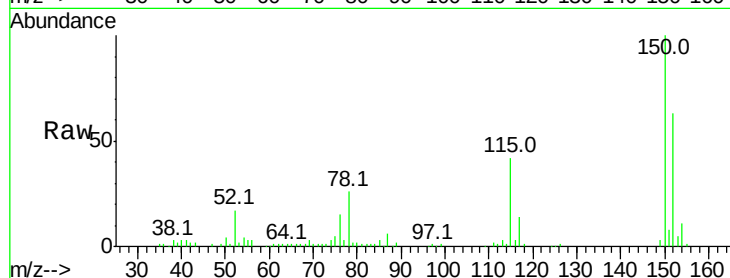
Tot Ion:152 Resp: 50963

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

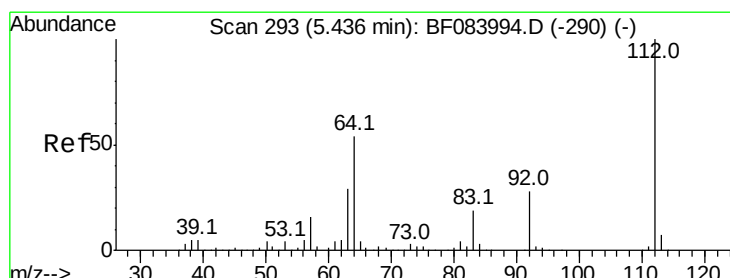
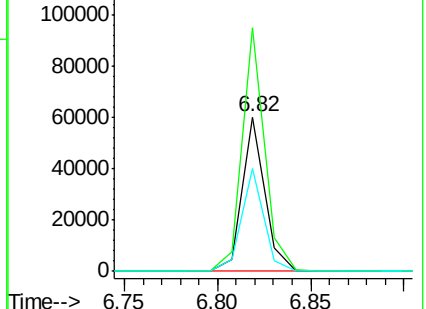
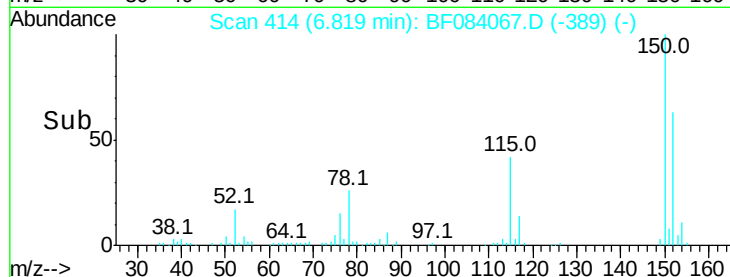
115 66.5 51.4 77.2



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: 49.32 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084067.D

Acq: 24 Dec 2015 7:07

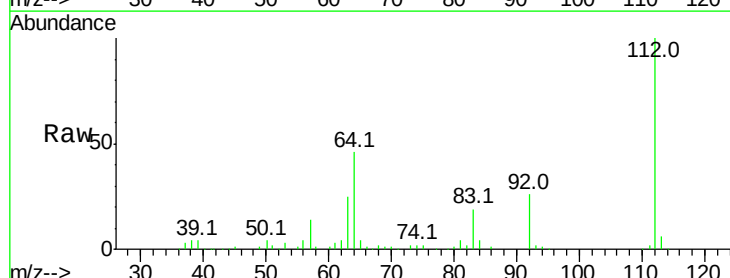
Tgt Ion:112 Resp: 147427

Ion Ratio Lower Upper

112 100

64 46.1 36.6 55.0

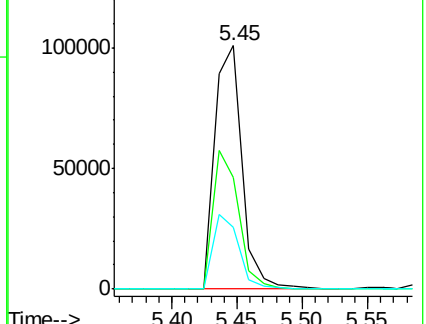
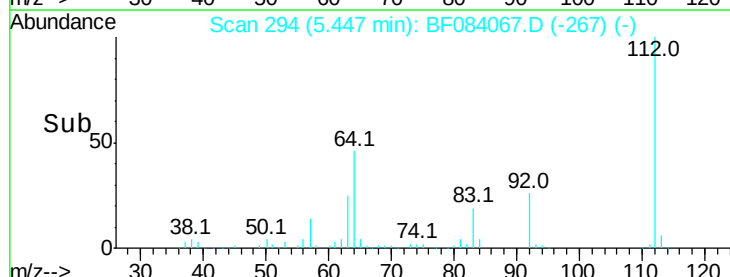
63 25.3 19.4 29.0

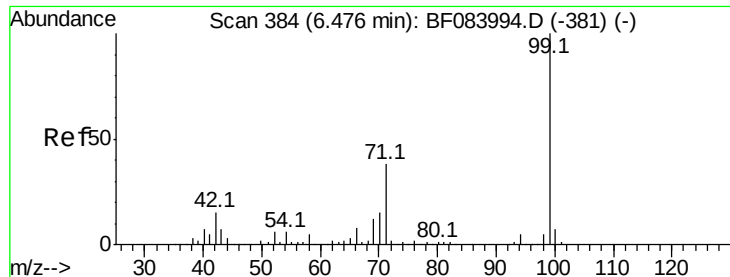


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.46 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF084067.D

Acq: 24 Dec 2015 7:07

Instrument :

BNA_F

ClientSampleId :

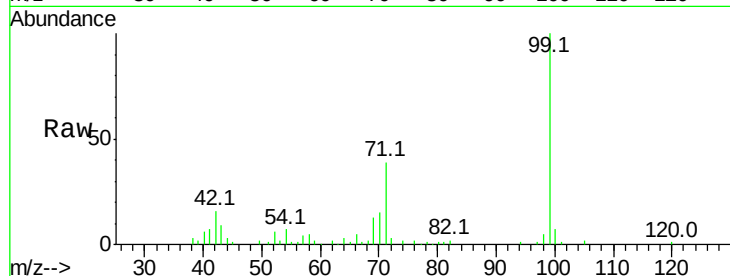
Tot Ion: 99 Resp: 121116

Ion Ratio Lower Upper

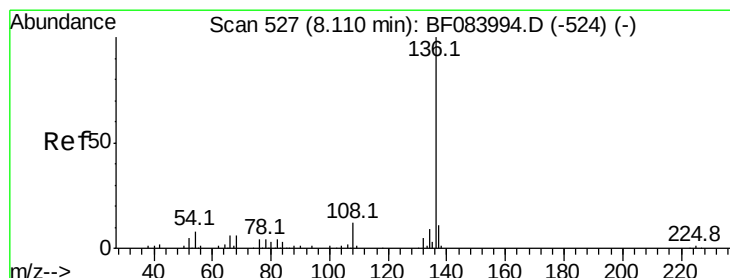
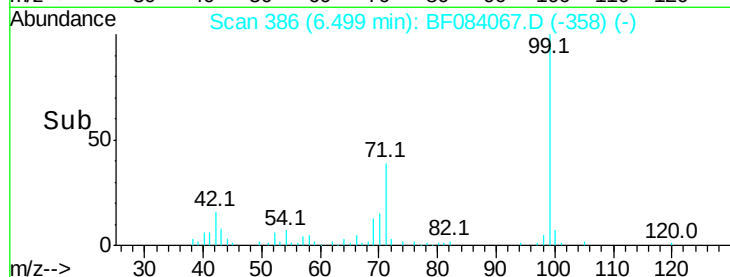
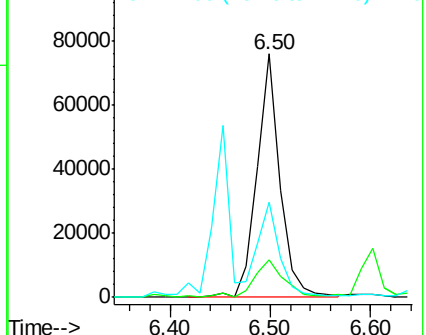
99 100

42 15.6 12.8 19.2

71 38.9 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: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084067.D

Acq: 24 Dec 2015 7:07

Tgt Ion: 136 Resp: 189128

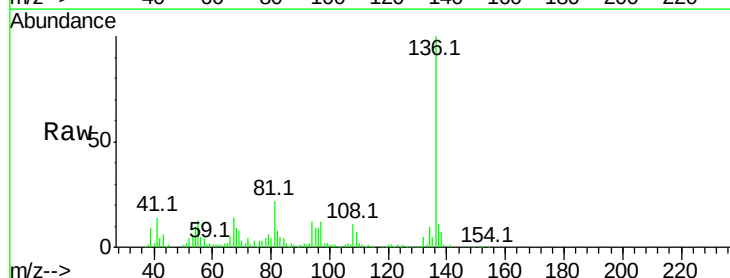
Ion Ratio Lower Upper

136 100

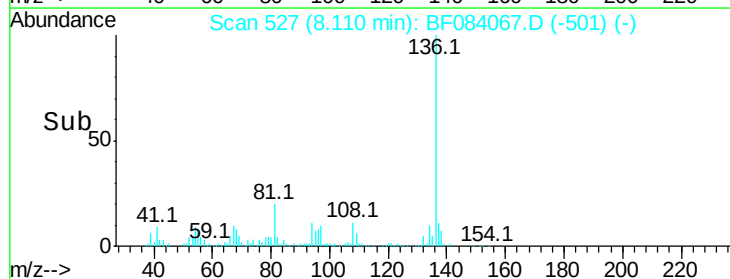
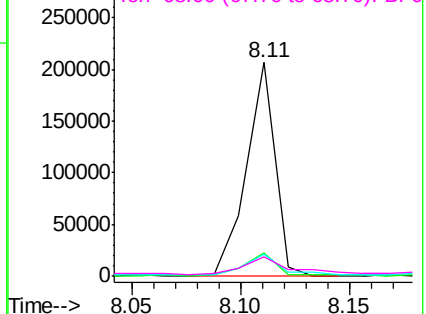
137 10.9 8.7 13.1

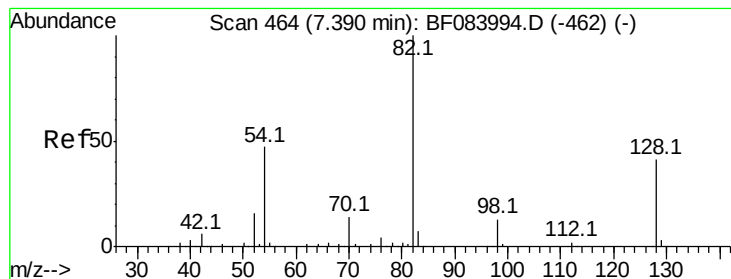
54 10.1 5.8 8.8#

68 9.1 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: 90.22 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF084067.D

Acq: 24 Dec 2015 7:07

Instrument :

BNA_F

ClientSampled :

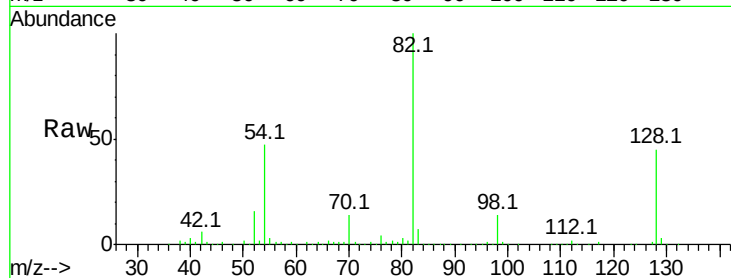
Tot Ion: 82 Resp: 277758

Ion Ratio Lower Upper

82 100

128 45.1 34.6 51.8

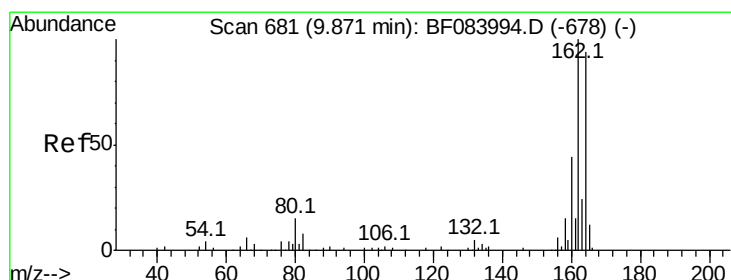
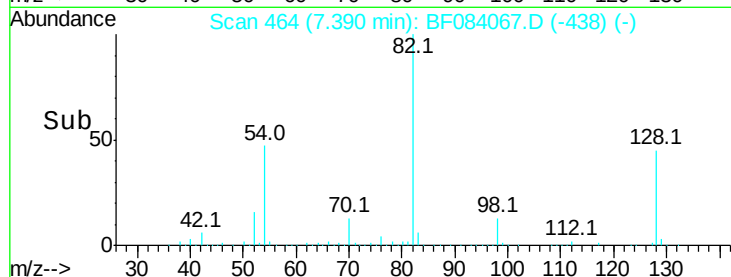
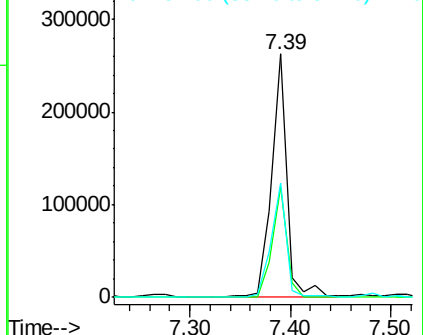
54 47.0 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF084067.D

Acq: 24 Dec 2015 7:07

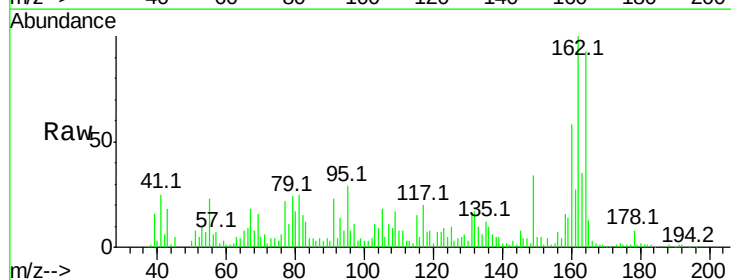
Tgt Ion:164 Resp: 83002

Ion Ratio Lower Upper

164 100

162 107.4 85.1 127.7

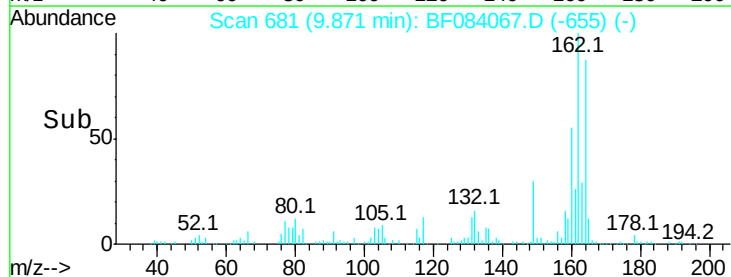
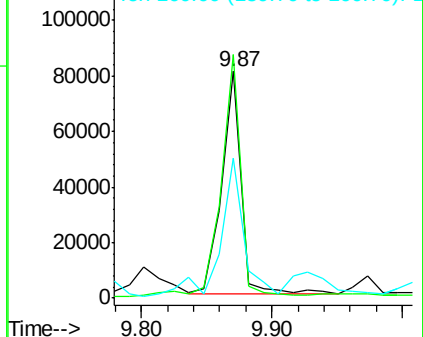
160 61.8 37.5 56.3#

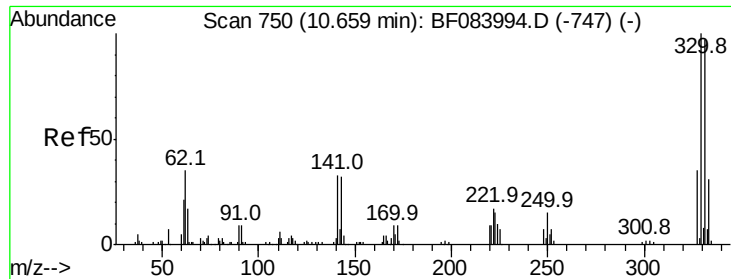


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

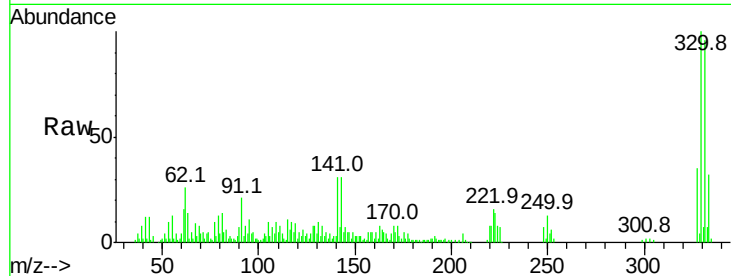




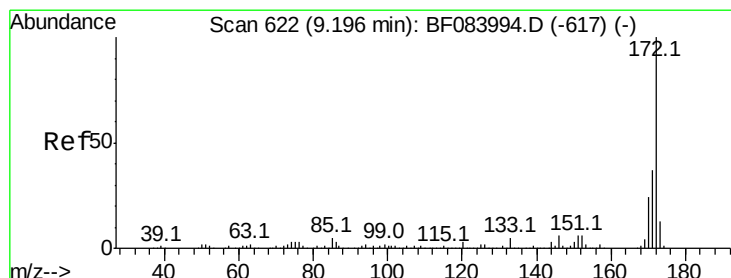
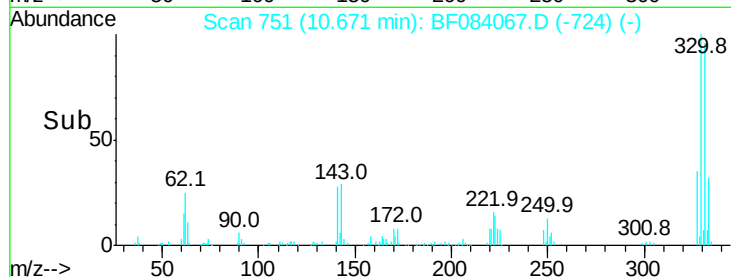
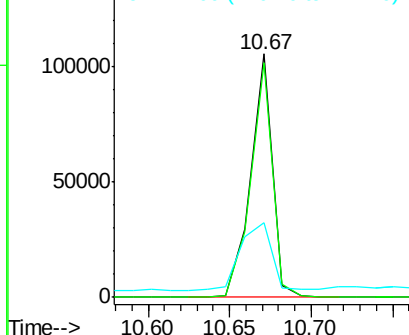
#41
 2,4,6-Tribromophenol
 Concen: 121.98 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF084067.D
 Acq: 24 Dec 2015 7:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
Resp:	97382					
Ion	100	96.3	41.1			
		76.6	27.8			
		114.8	41.6			

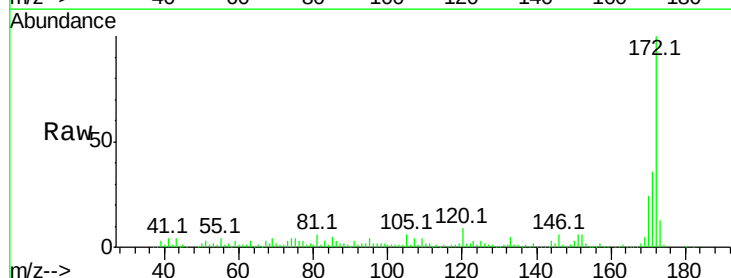


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

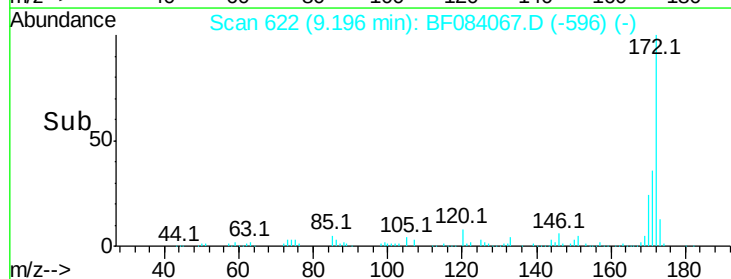
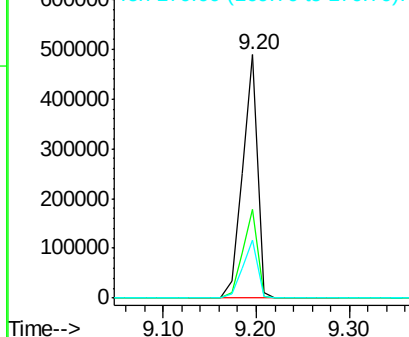


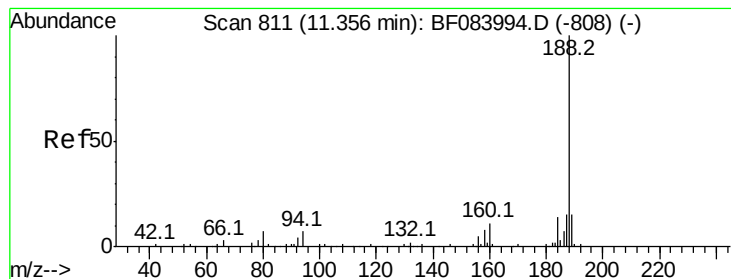
#44
 2-Fluorobiphenyl
 Concen: 87.70 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084067.D
 Acq: 24 Dec 2015 7:07

Tgt Ion	172	171	170	Ratio	Lower	Upper
Resp:	540895					
Ion	100	36.2	23.7			
		28.9	18.6			
		43.3	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: 11.36 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF084067.D

Acq: 24 Dec 2015 7:07

Instrument :

BNA_F

ClientSampleId :

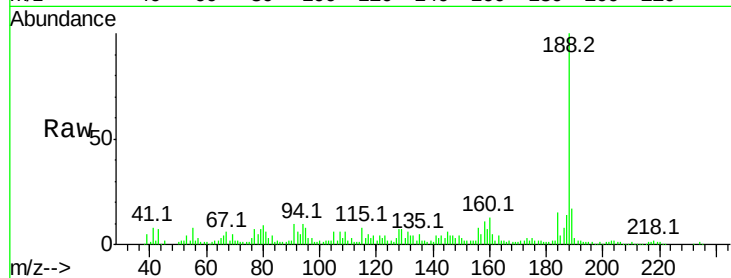
Tot Ion:188 Resp: 121657

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.4

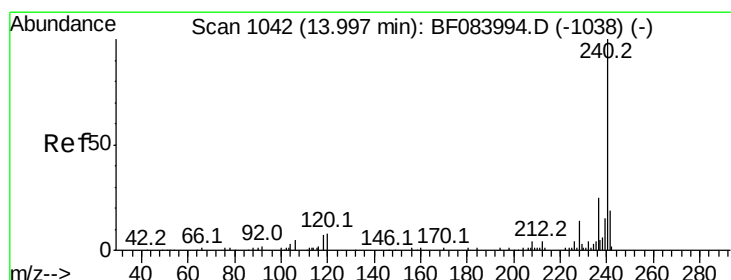
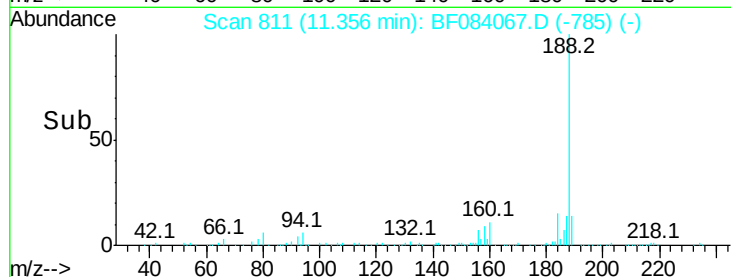
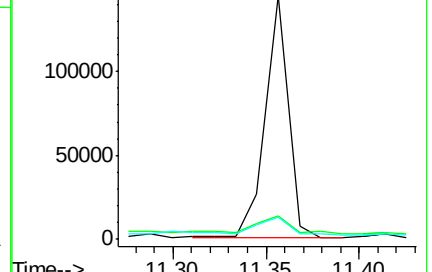
80 9.0 9.6 14.4#



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: BF084067.D

Acq: 24 Dec 2015 7:07

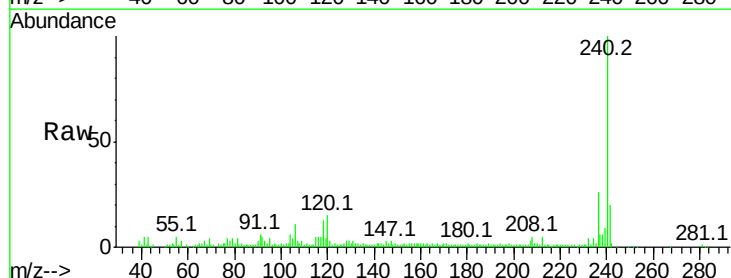
Tgt Ion:240 Resp: 87666

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

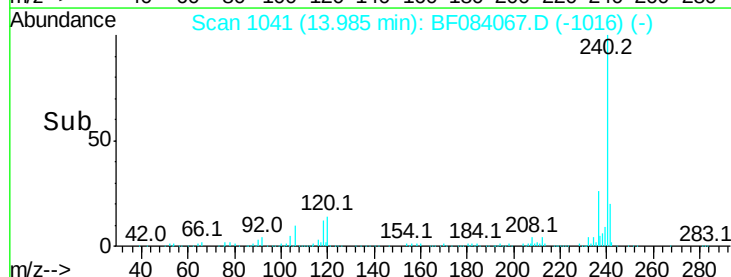
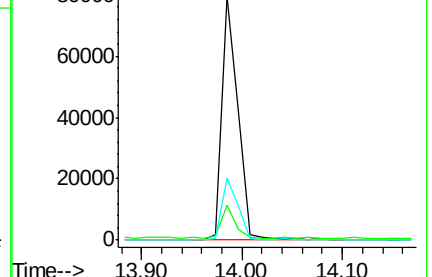
236 25.5 20.6 31.0

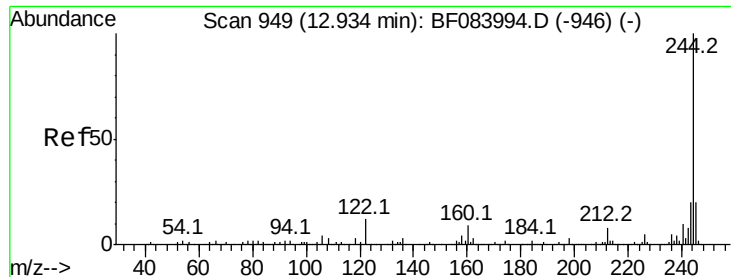


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

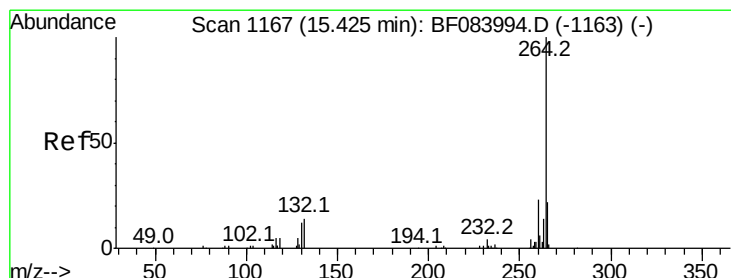
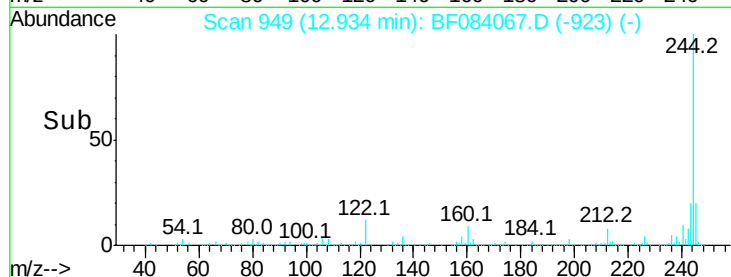
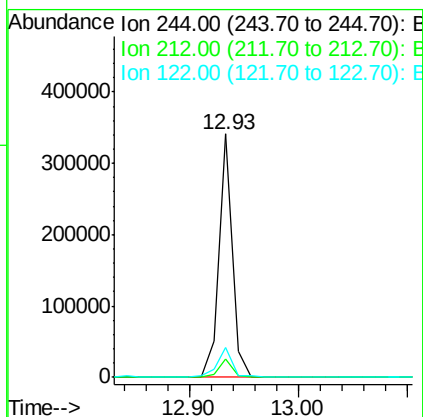
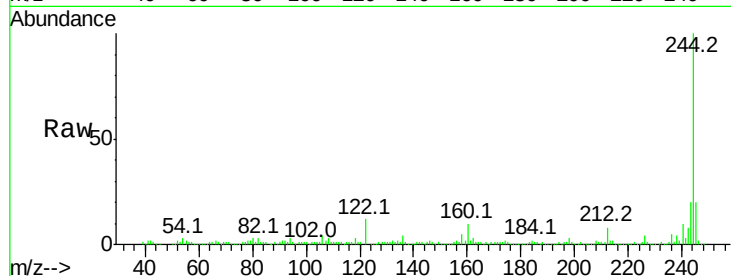




#78
 Terphenyl-d14
 Concen: 80.44 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF084067.D
 Acq: 24 Dec 2015 7:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 295714
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 12.4 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084067.D
 Acq: 24 Dec 2015 7:07

Tgt Ion:264 Resp: 81034
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 22.2 17.8 26.6

