

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084068.D
 Acq On : 24 Dec 2015 7:35
 Operator : UM/SJ
 Sample : G4925-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 24 10:36:13 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	52212	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	193533	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	91011	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	126644	20.00	ng	0.00
75) Chrysene-d12	13.99	240	93450	20.00	ng	-0.01
86) Perylene-d12	15.41	264	83632	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	158312	51.70	ng	0.01
7) Phenol-d6	6.50	99	125807	34.94	ng	0.02
23) Nitrobenzene-d5	7.39	82	290858	92.33	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	89410	102.14	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	575722	85.13	ng	0.00
78) Terphenyl-d14	12.93	244	329329	84.04	ng	0.00

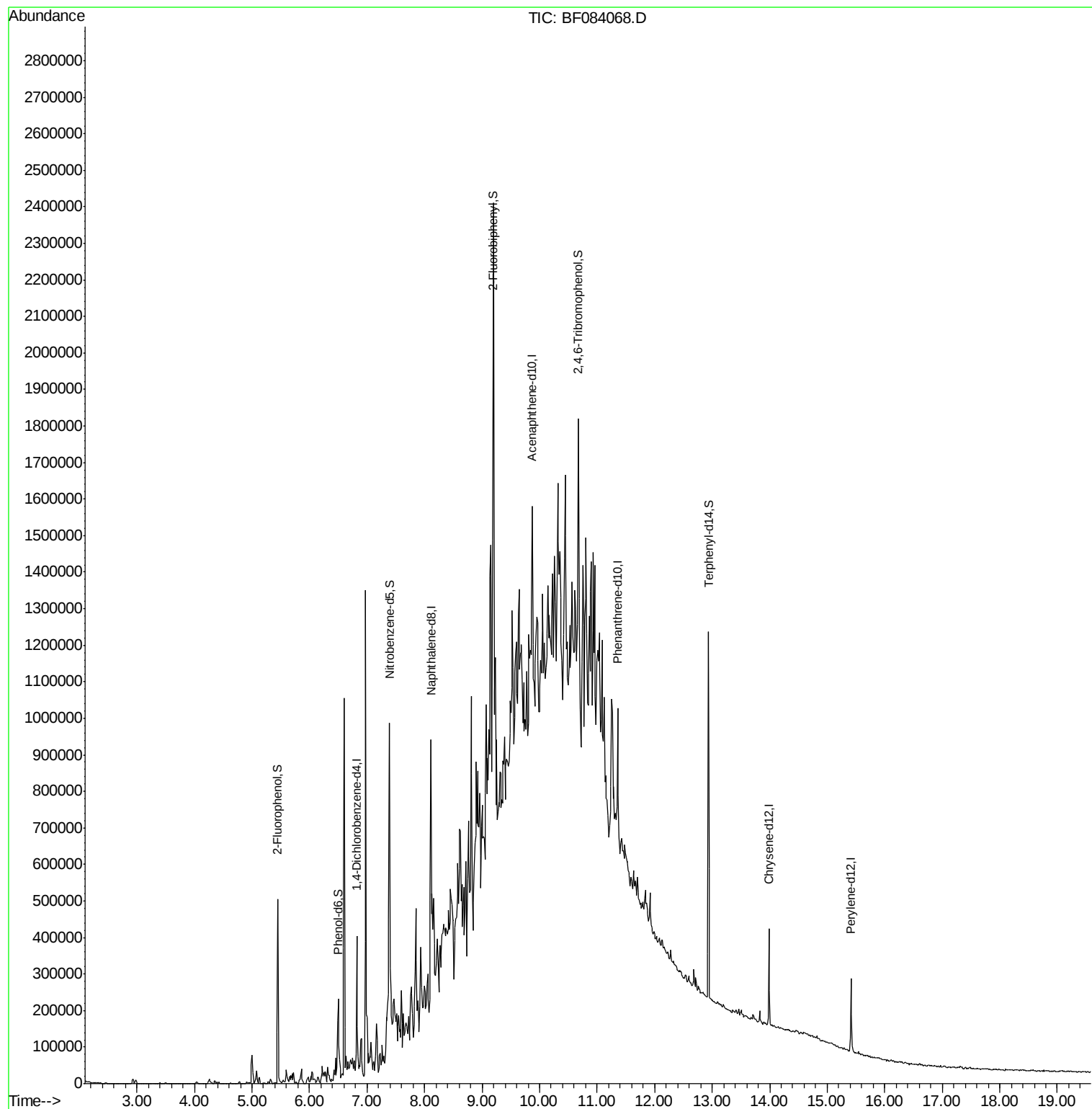
Target Compounds Qvalue

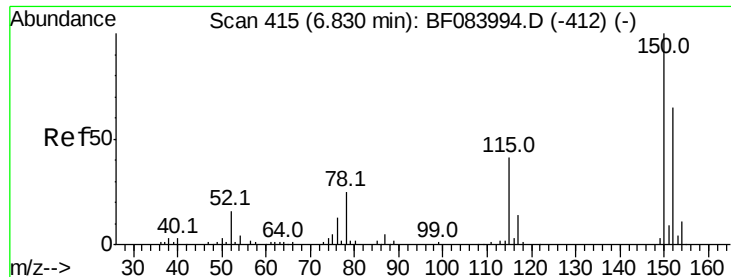
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084068.D
Acq On : 24 Dec 2015 7:35
Operator : UM/SJ
Sample : G4925-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 24 10:36:13 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084068.D

Acq: 24 Dec 2015 7:35

Instrument :

BNA_F

ClientSampleId :

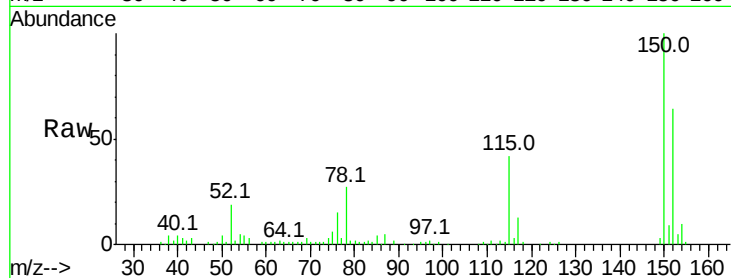
Tot Ion:152 Resp: 52212

Ion Ratio Lower Upper

152 100

150 156.2 123.0 184.4

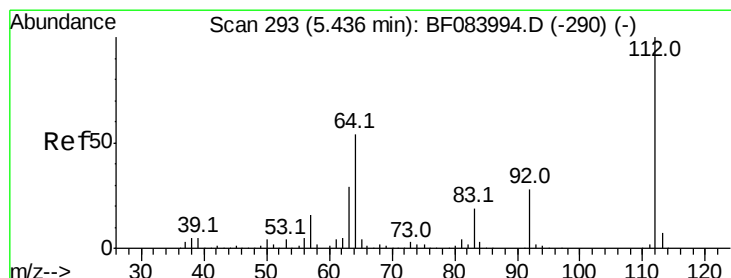
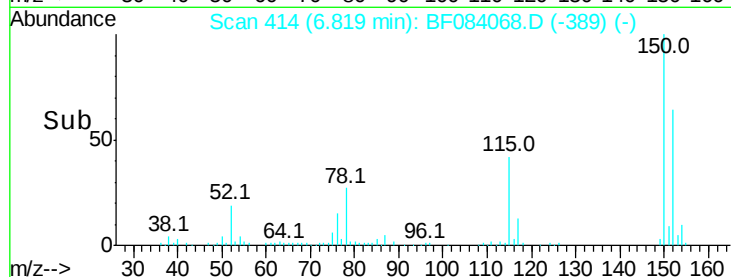
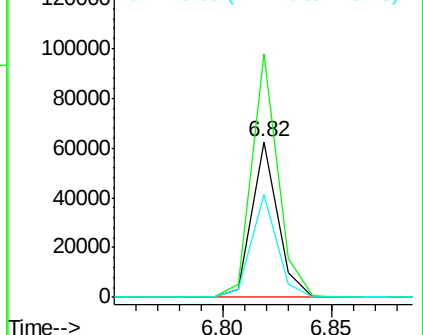
115 65.7 51.4 77.2



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: 51.70 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084068.D

Acq: 24 Dec 2015 7:35

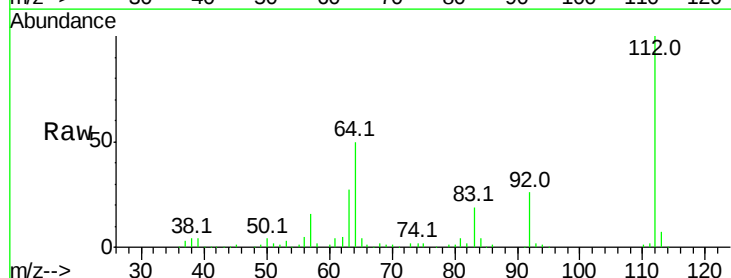
Tgt Ion:112 Resp: 158312

Ion Ratio Lower Upper

112 100

64 49.9 36.6 55.0

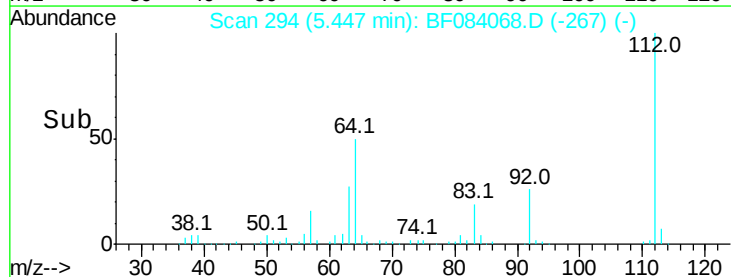
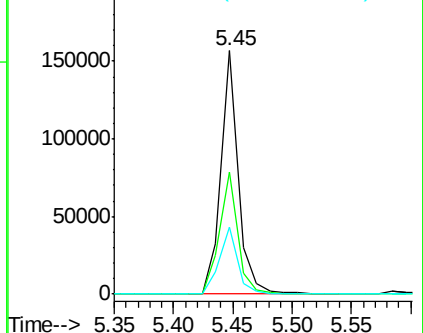
63 27.4 19.4 29.0

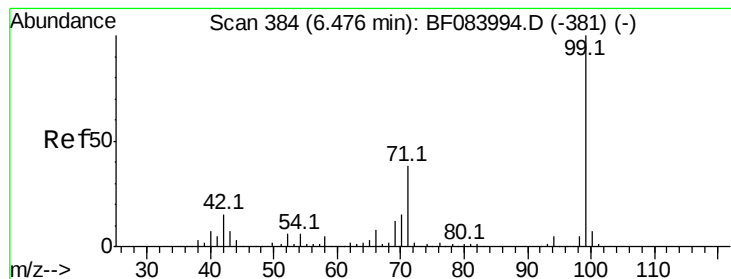


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.94 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF084068.D

Acq: 24 Dec 2015 7:35

Instrument :

BNA_F

ClientSampleId :

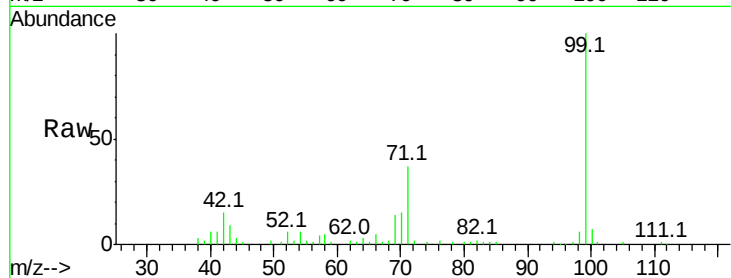
Tot Ion: 99 Resp: 125807

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

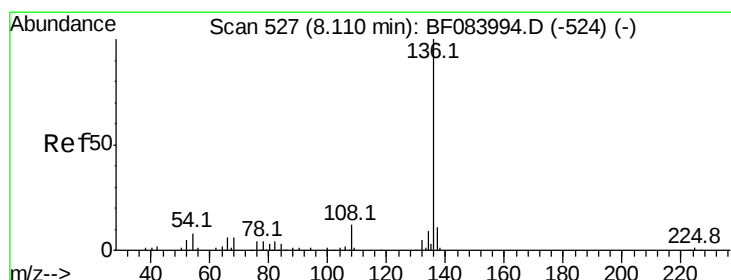
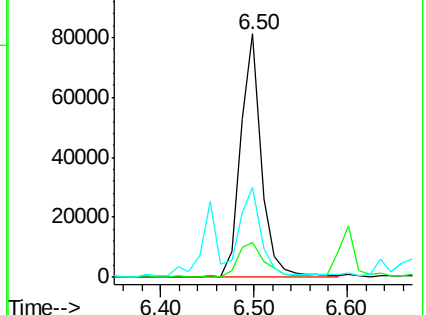
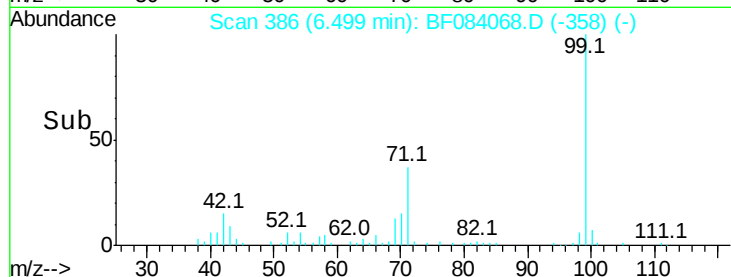
71 37.0 30.9 46.3



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. -0.00 min

Lab File: BF084068.D

Acq: 24 Dec 2015 7:35

Tgt Ion: 136 Resp: 193533

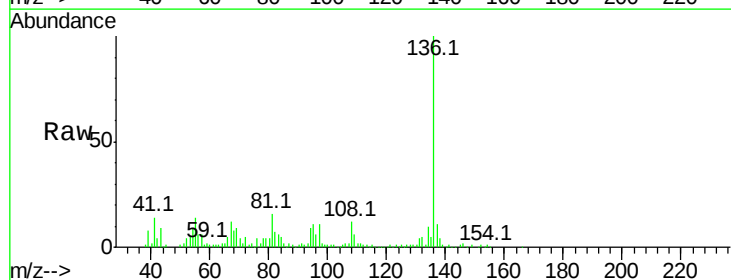
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.0 5.8 8.8#

68 8.2 4.2 6.2#

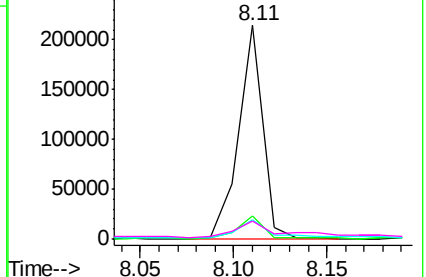
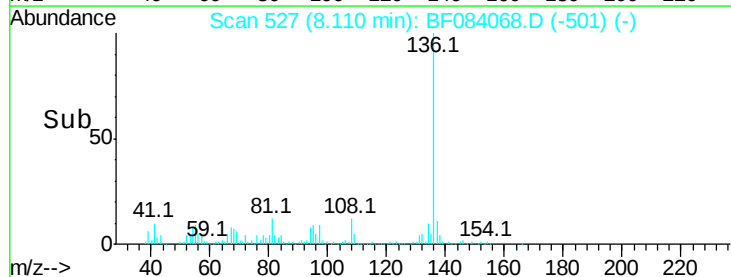


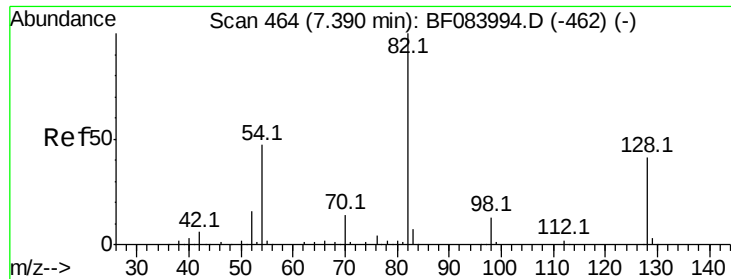
Abundance Ion 136.00 (135.70 to 136.70): E

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

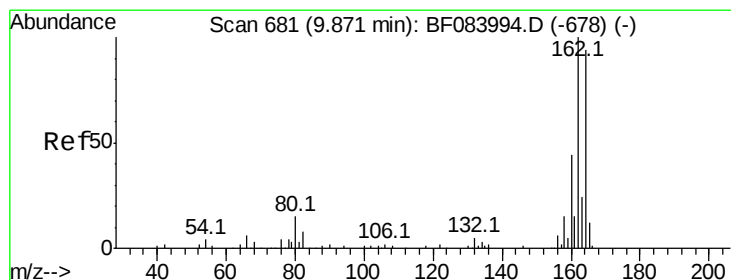
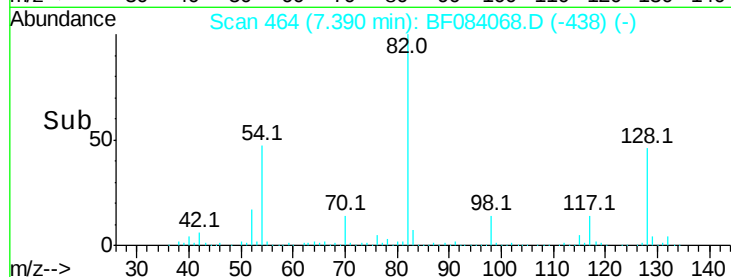
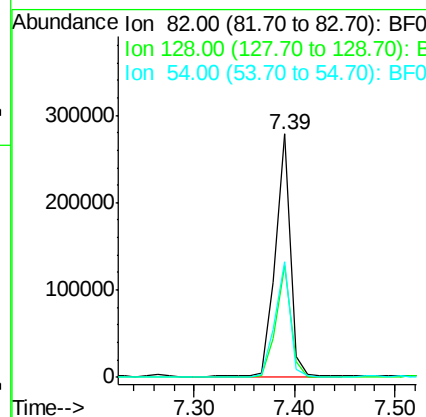
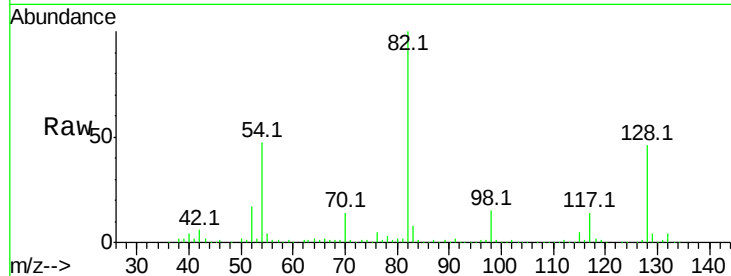




#23
 Nitrobenzene-d5
 Concen: 92.33 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084068.D
 Acq: 24 Dec 2015 7:35

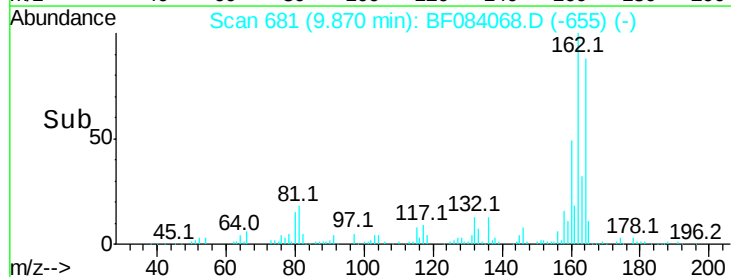
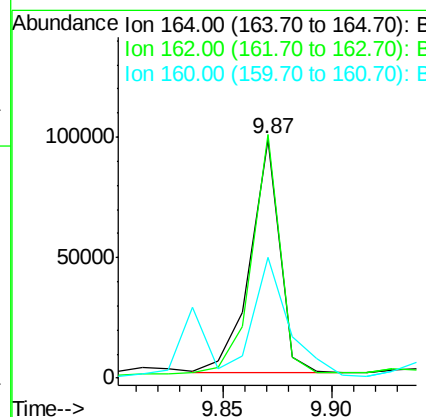
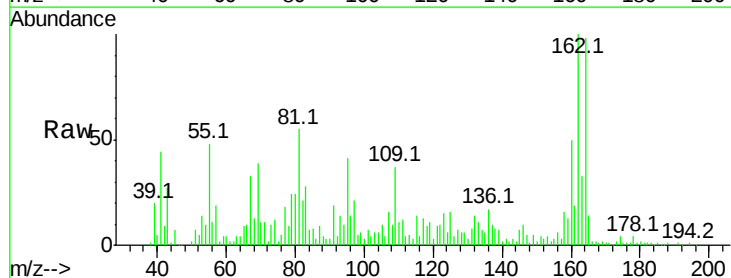
Instrument :
 BNA_F
 ClientSampleId :

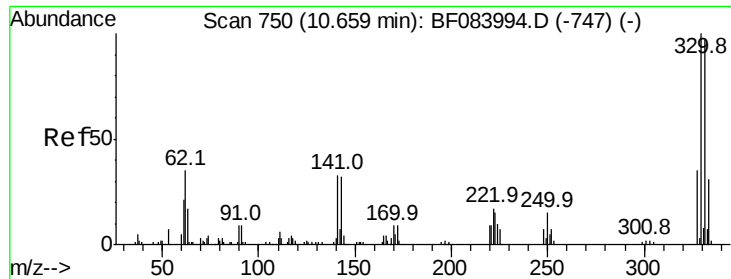
Tot Ion	82	Resp	290858
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.6	51.8
54	47.3	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084068.D
 Acq: 24 Dec 2015 7:35

Tgt Ion	164	Resp	91011
Ion Ratio	Lower	Upper	
164	100		
162	102.1	85.1	127.7
160	50.6	37.5	56.3

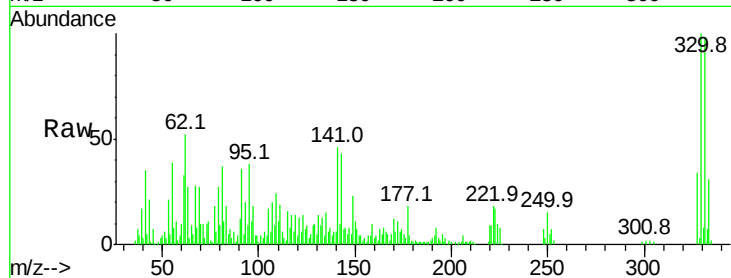




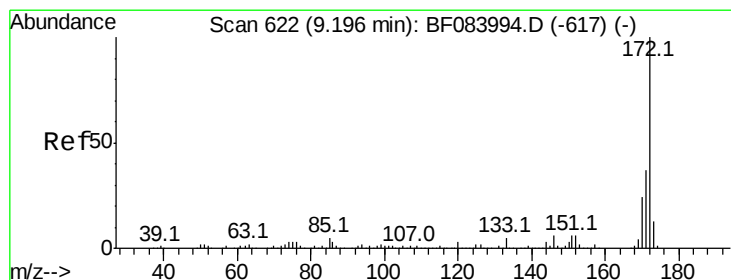
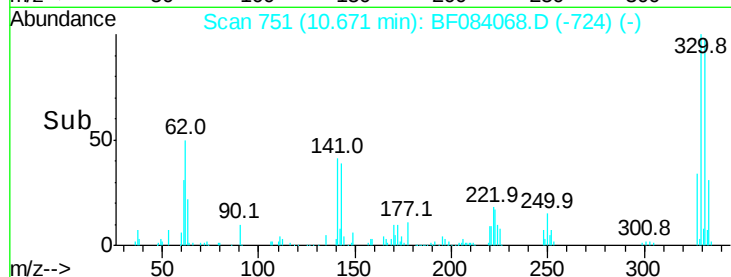
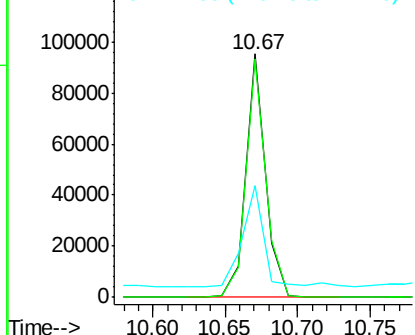
#41
 2,4,6-Tribromophenol
 Concen: 102.14 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF084068.D
 Acq: 24 Dec 2015 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 89410
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 114.8
 141 43.7 27.8 41.6#

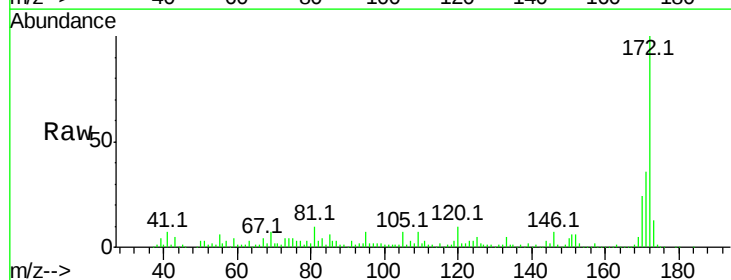


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

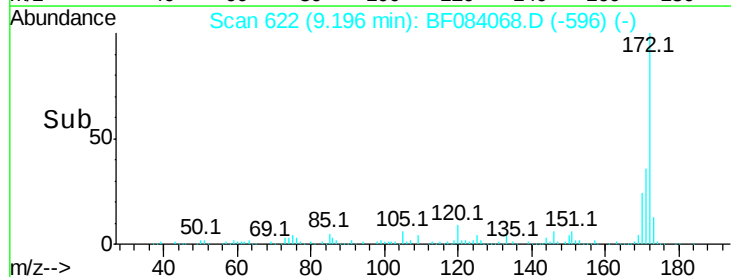
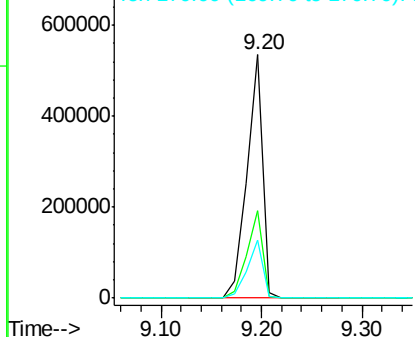


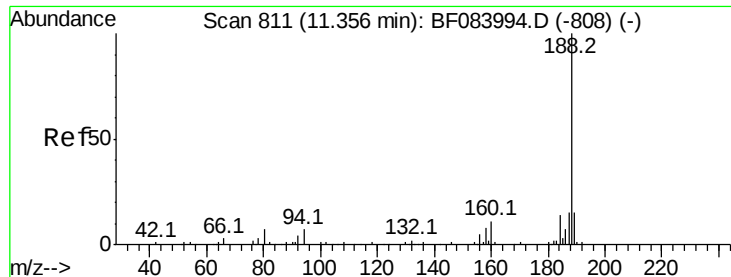
#44
 2-Fluorobiphenyl
 Concen: 85.13 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084068.D
 Acq: 24 Dec 2015 7:35

Tgt Ion:172 Resp: 575722
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.6 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

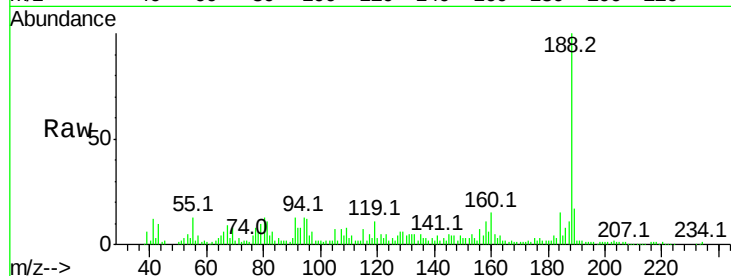




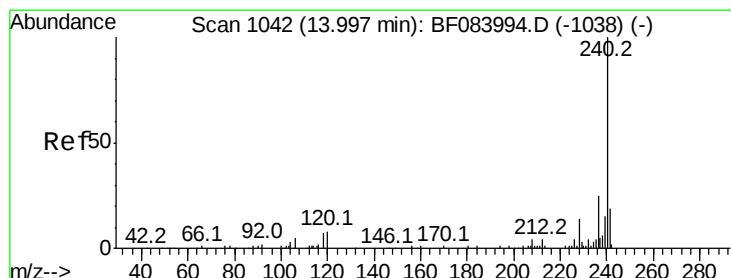
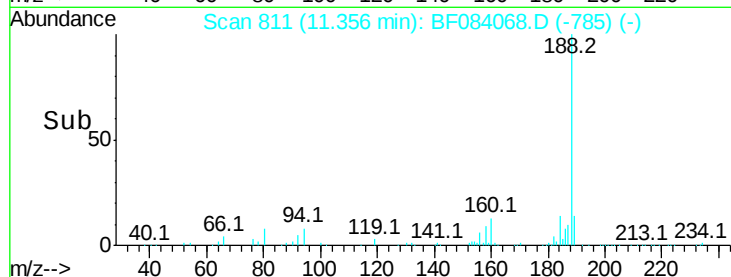
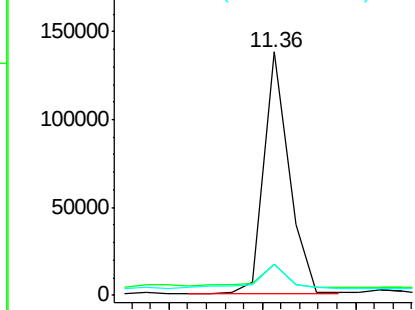
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084068.D
Acq: 24 Dec 2015 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 126644
Ion Ratio Lower Upper
188 100
94 12.7 9.0 13.4
80 12.8 9.6 14.4

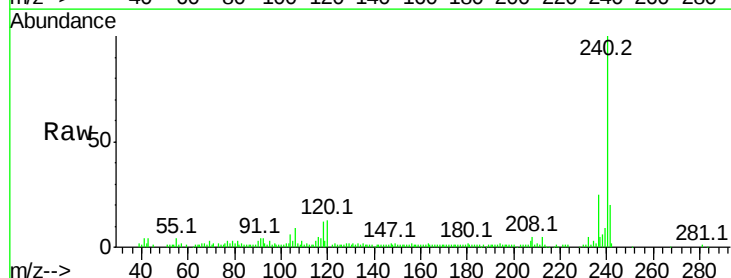


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

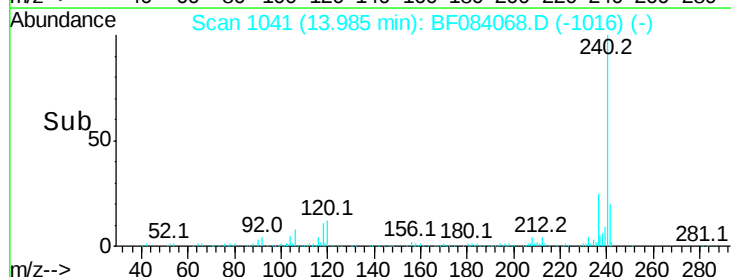
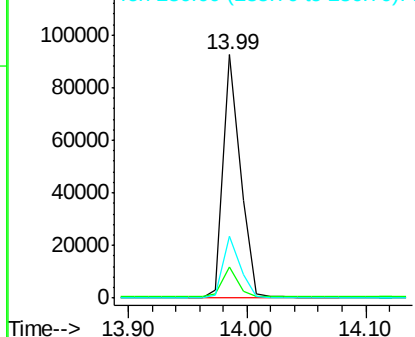


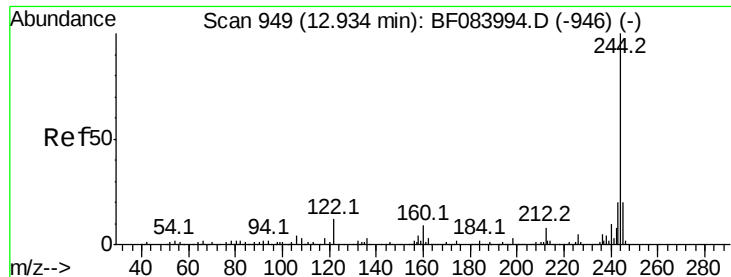
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084068.D
Acq: 24 Dec 2015 7:35

Tgt Ion:240 Resp: 93450
Ion Ratio Lower Upper
240 100
120 13.0 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: 84.04 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084068.D

Acq: 24 Dec 2015 7:35

Instrument :

BNA_F

ClientSampleId :

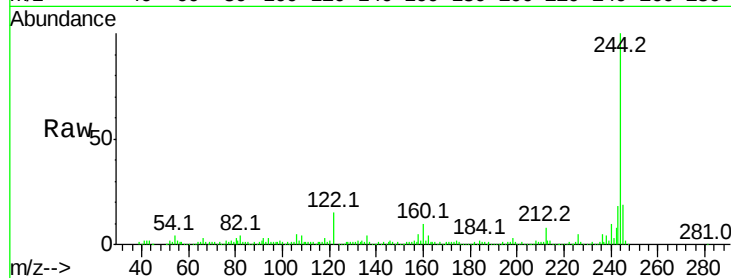
Tot Ion:244 Resp: 329329

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

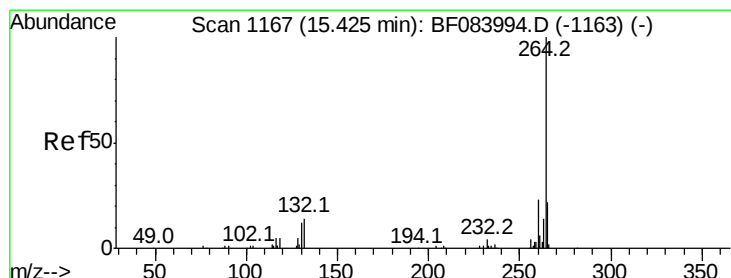
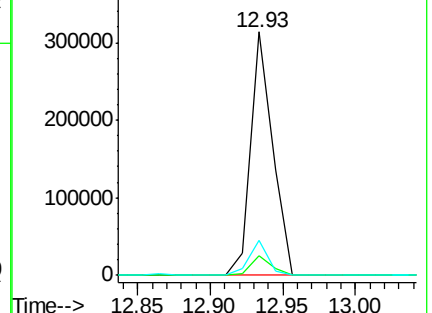
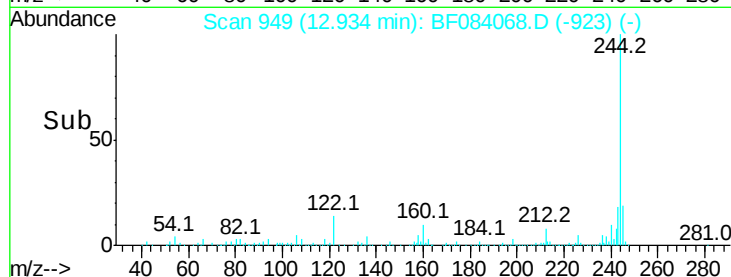
122 14.5 7.4 11.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF084068.D

Acq: 24 Dec 2015 7:35

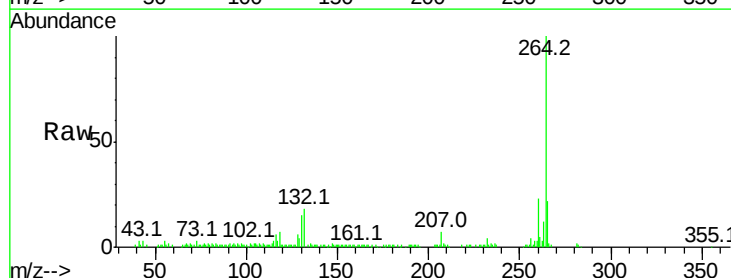
Tgt Ion:264 Resp: 83632

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 22.2 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

