

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083947.D
 Acq On : 19 Dec 2015 7:30
 Operator : UM/SJ
 Sample : G4840-12
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-10

Quant Time: Dec 21 02:40:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

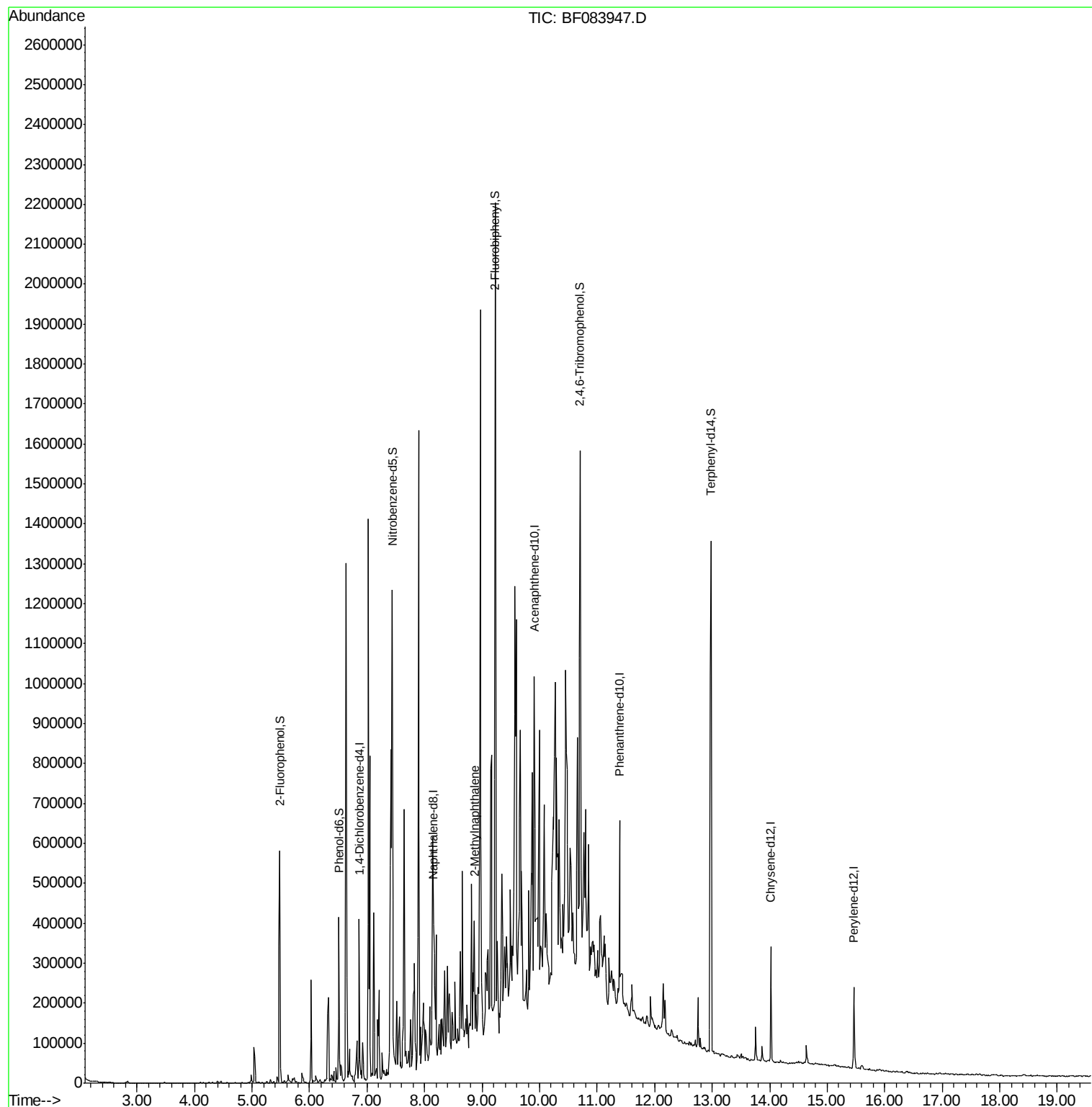
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	53632	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	198947	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	91065	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	156133	20.00	ng	0.00
75) Chrysene-d12	14.02	240	117298	20.00	ng	-0.01
86) Perylene-d12	15.46	264	105517	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	203725	59.45	ng	0.00
7) Phenol-d6	6.51	99	160920	38.36	ng	0.00
23) Nitrobenzene-d5	7.44	82	348393	99.94	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	135751	135.31	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	596020	93.34	ng	-0.01
78) Terphenyl-d14	12.98	244	517468	104.59	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.86	142	72097	10.43	ng	Qvalue 97

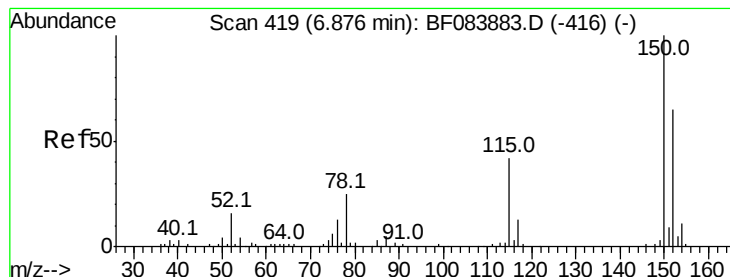
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083947.D
Acq On : 19 Dec 2015 7:30
Operator : UM/SJ
Sample : G4840-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-10

Quant Time: Dec 21 02:40:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083947.D

Acq: 19 Dec 2015 7:30

Instrument :

BNA_F

ClientSampleId :

W-10

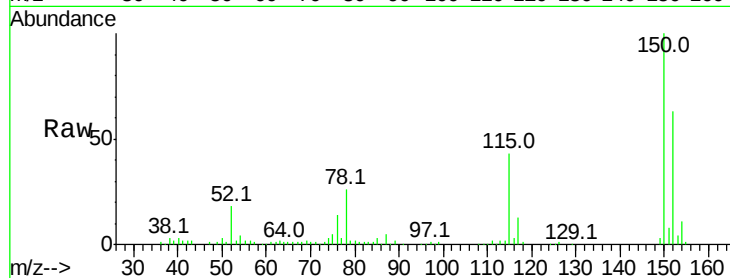
Tot Ion:152 Resp: 53632

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

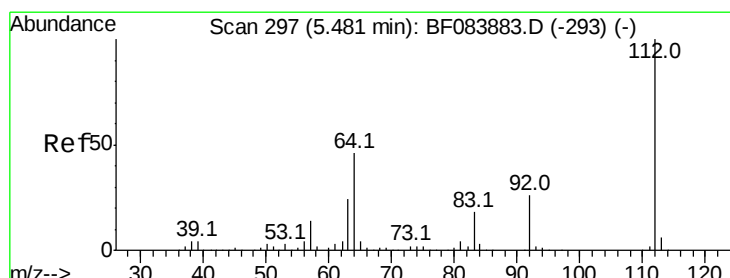
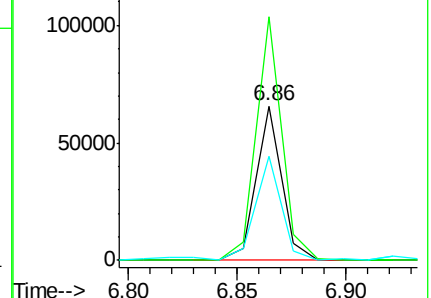
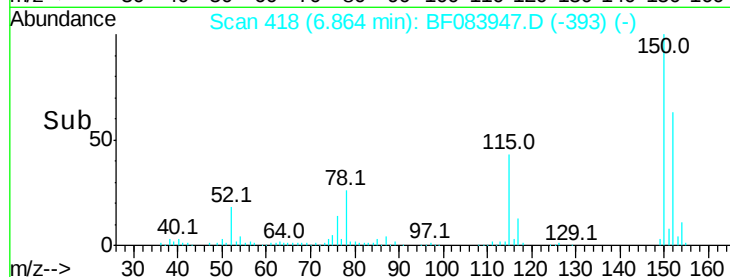
115 67.1 51.4 77.2



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: 59.45 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083947.D

Acq: 19 Dec 2015 7:30

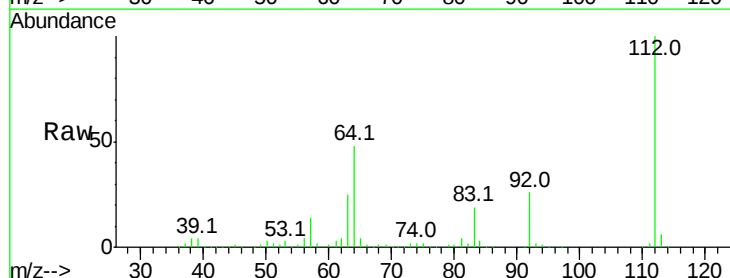
Tgt Ion:112 Resp: 203725

Ion Ratio Lower Upper

112 100

64 47.5 36.6 55.0

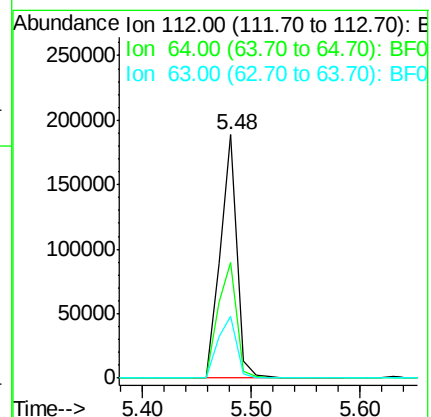
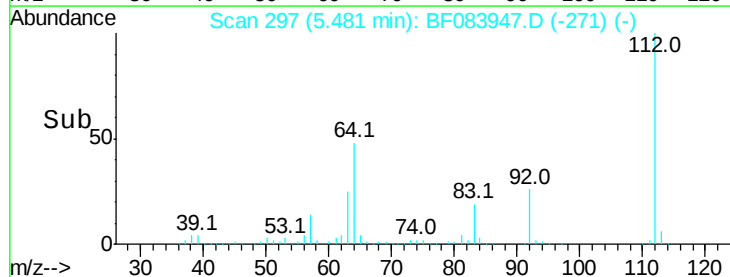
63 25.3 19.4 29.0

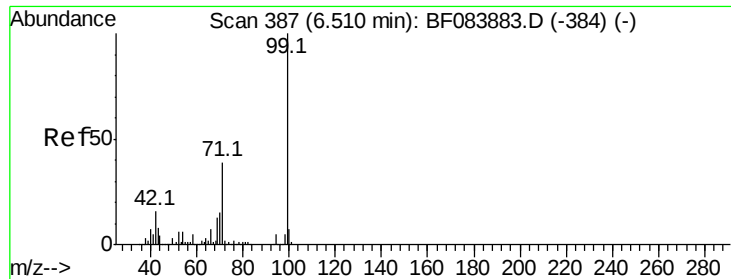


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.36 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083947.D

Acq: 19 Dec 2015 7:30

Instrument :

BNA_F

ClientSampleId :

W-10

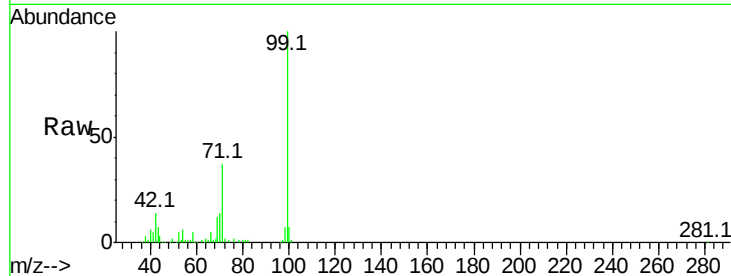
Tot Ion: 99 Resp: 160920

Ion Ratio Lower Upper

99 100

42 13.9 12.8 19.2

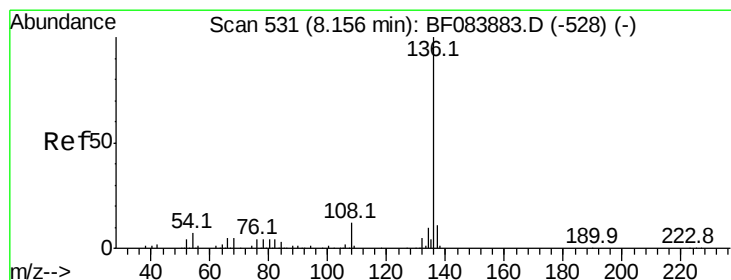
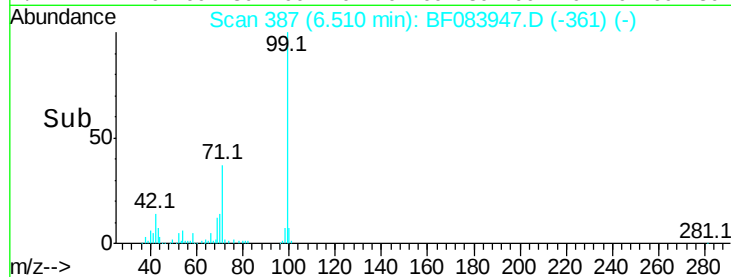
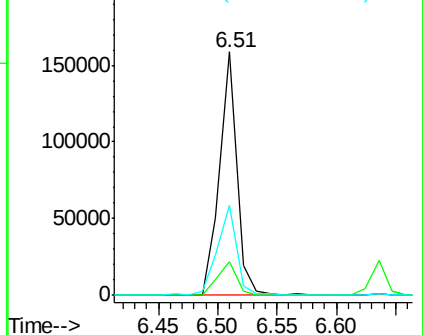
71 36.7 30.9 46.3



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: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF083947.D

Acq: 19 Dec 2015 7:30

Tgt Ion: 136 Resp: 198947

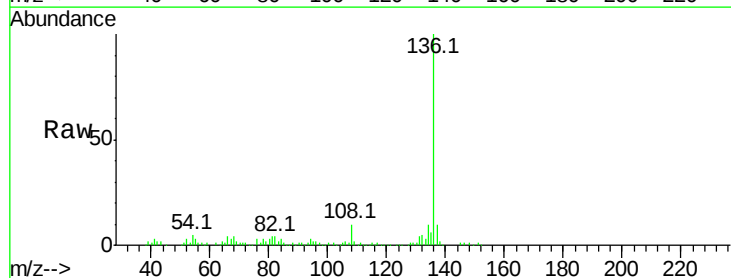
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 5.2 5.8 8.8#

68 4.3 4.2 6.2

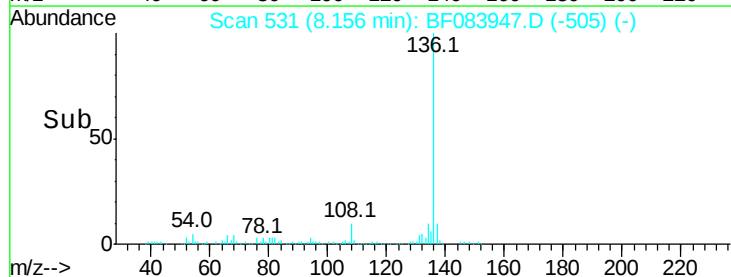
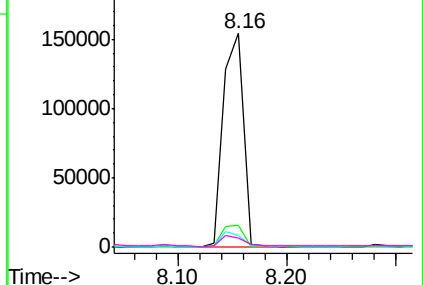


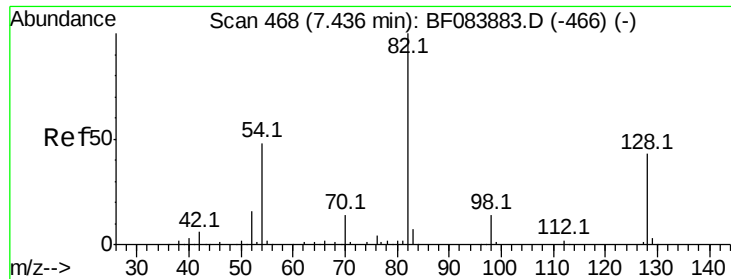
Abundance Ion 136.00 (135.70 to 136.70): E

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

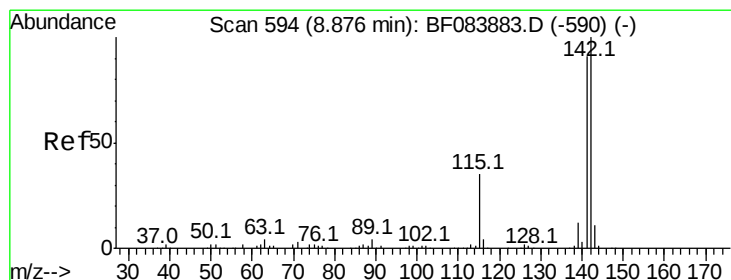
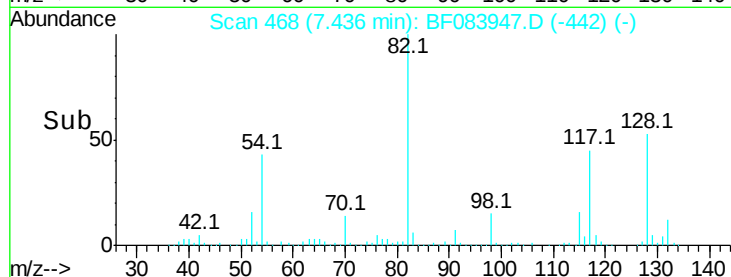
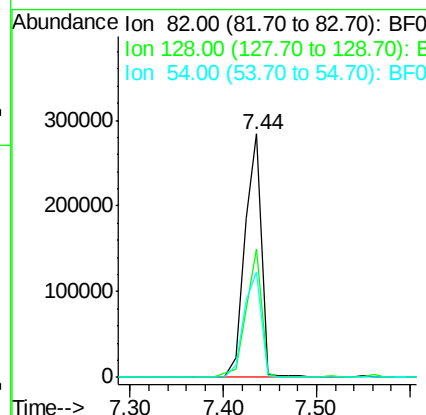
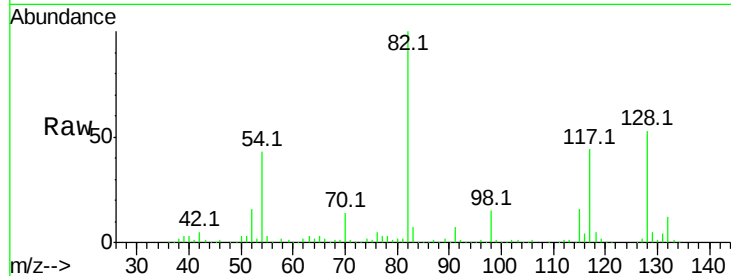




#23
 Nitrobenzene-d5
 Concen: 99.94 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF083947.D
 Acq: 19 Dec 2015 7:30

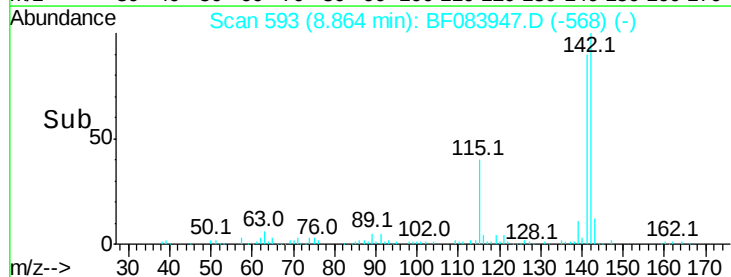
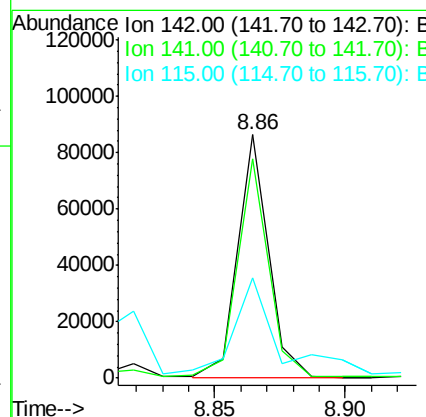
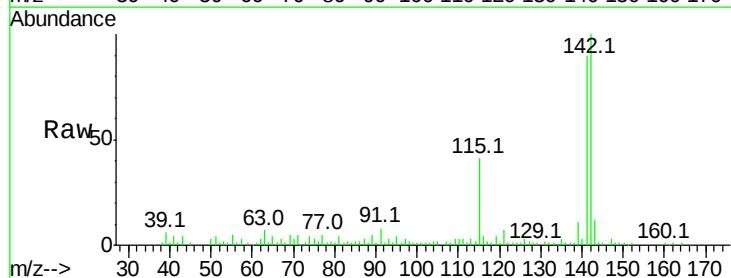
Instrument :
 BNA_F
 ClientSampleId :
 W-10

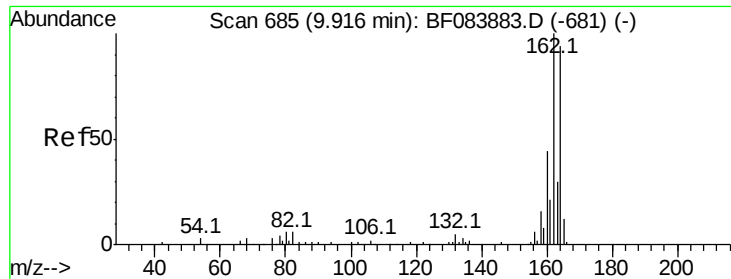
Tot Ion: 82 Resp: 348393
 Ion Ratio Lower Upper
 82 100
 128 52.9 34.6 51.8#
 54 43.3 38.4 57.6



#37
 2-Methylnaphthalene
 Concen: 10.43 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF083947.D
 Acq: 19 Dec 2015 7:30

Tgt Ion: 142 Resp: 72097
 Ion Ratio Lower Upper
 142 100
 141 90.1 72.4 108.6
 115 41.3 27.9 41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF083947.D

Acq: 19 Dec 2015 7:30

Instrument :

BNA_F

ClientSampleId :

W-10

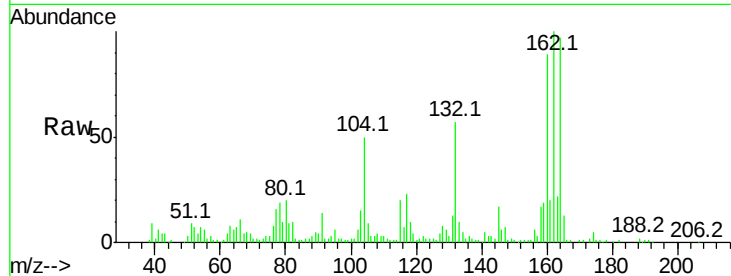
Tot Ion:164 Resp: 91065

Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

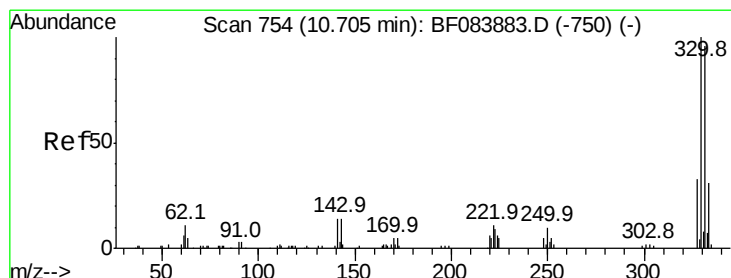
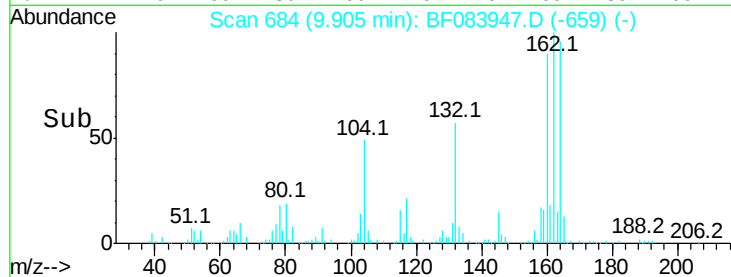
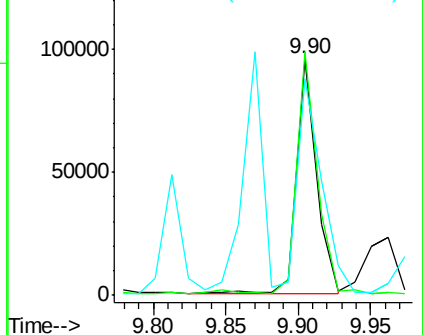
160 91.9 37.5 56.3#



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: 135.31 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF083947.D

Acq: 19 Dec 2015 7:30

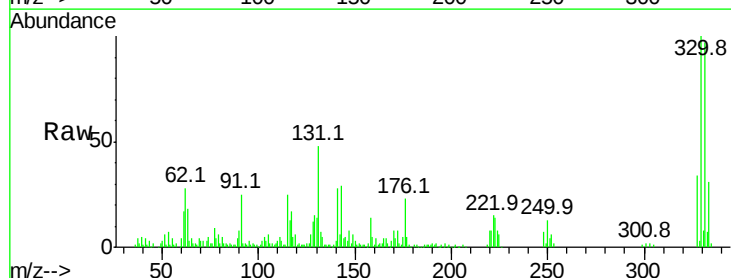
Tgt Ion:330 Resp: 135751

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

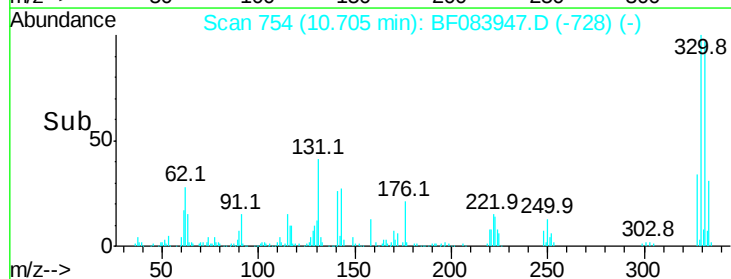
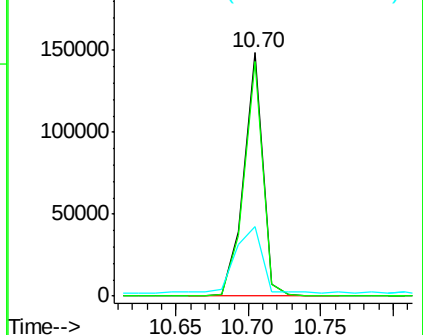
141 41.2 27.8 41.6

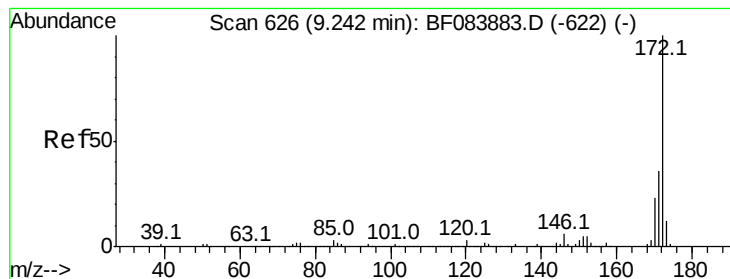


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 93.34 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF083947.D

Acq: 19 Dec 2015 7:30

Instrument :

BNA_F

ClientSampleId :

W-10

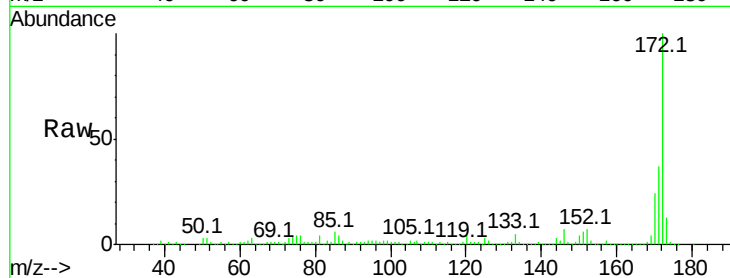
Tot Ion:172 Resp: 596020

Ion Ratio Lower Upper

172 100

171 36.6 28.9 43.3

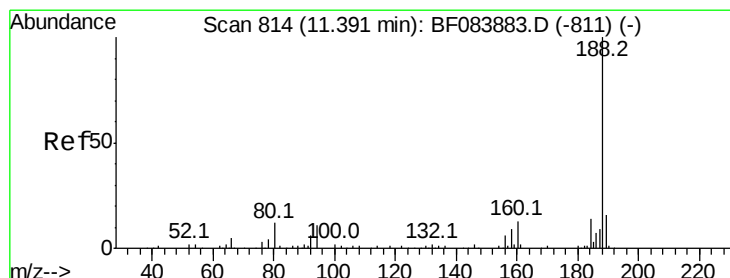
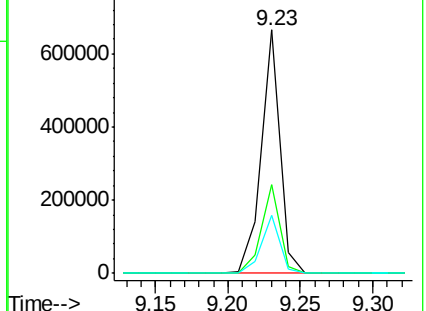
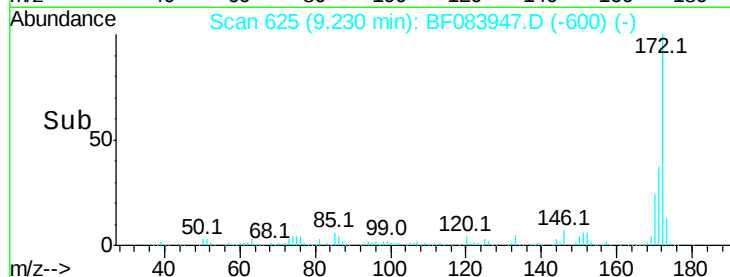
170 24.0 18.6 27.8



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: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF083947.D

Acq: 19 Dec 2015 7:30

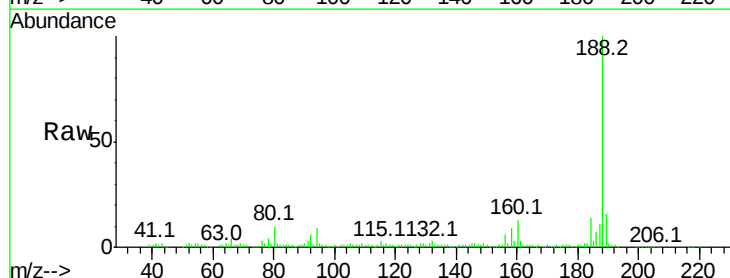
Tgt Ion:188 Resp: 156133

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.4

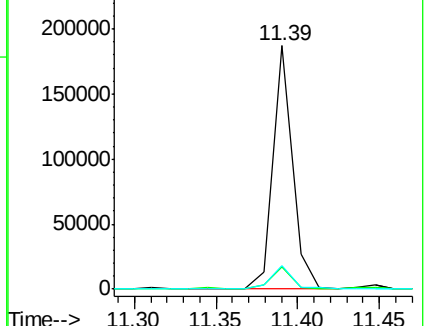
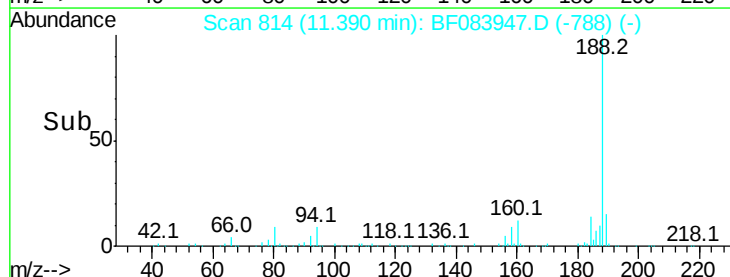
80 9.7 9.6 14.4

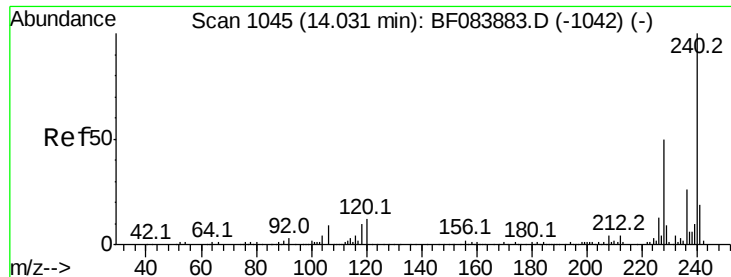


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BF083947.D

Acq: 19 Dec 2015 7:30

Instrument :

BNA_F

ClientSampleId :

W-10

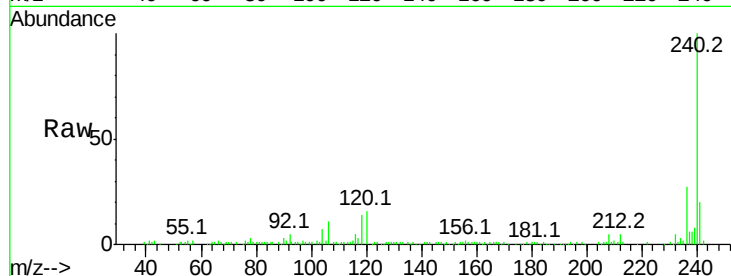
Tot Ion:240 Resp: 117298

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

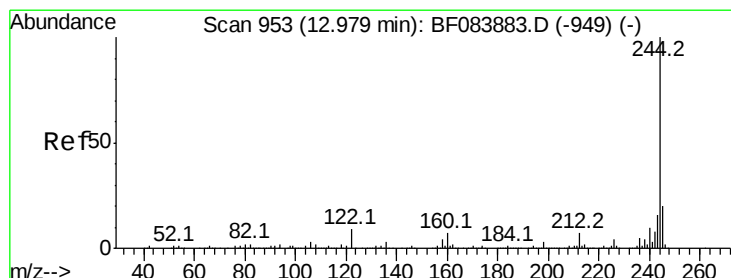
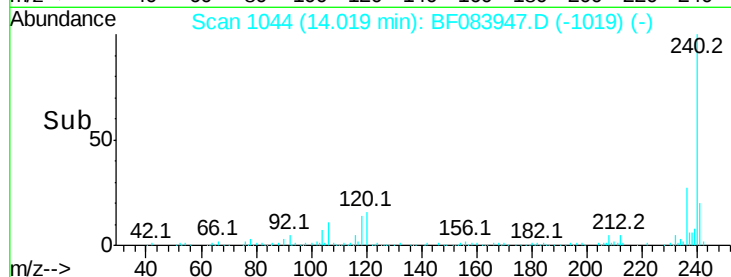
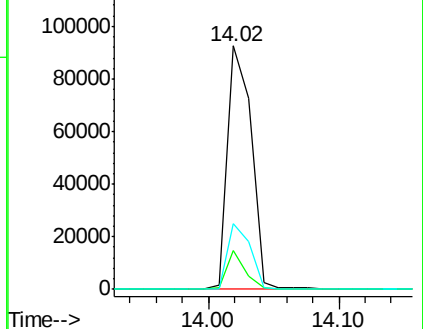
236 27.0 20.6 31.0



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: 104.59 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083947.D

Acq: 19 Dec 2015 7:30

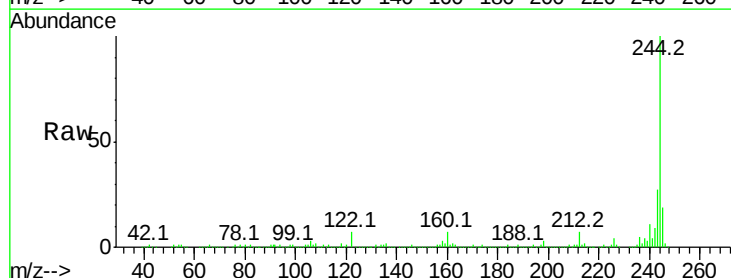
Tgt Ion:244 Resp: 517468

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

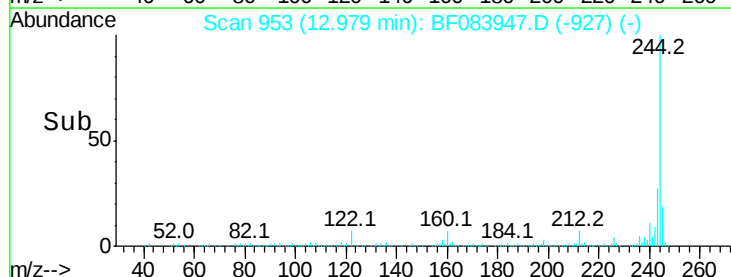
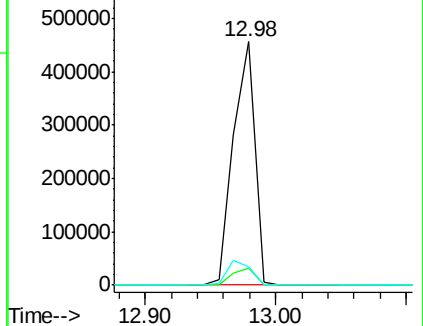
122 7.5 7.4 11.0

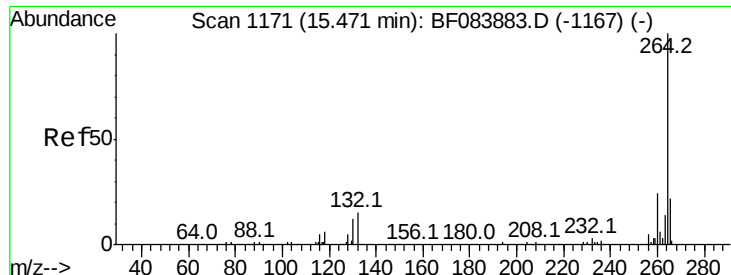


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

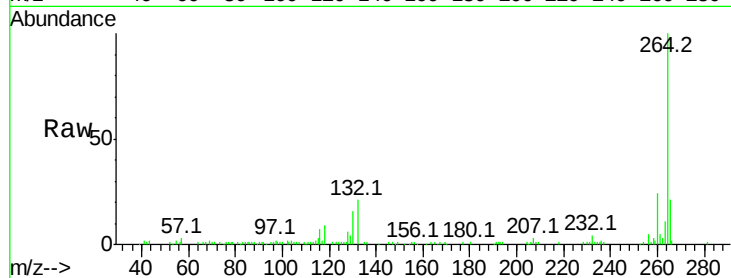




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF083947.D
 Acq: 19 Dec 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 W-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	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

