

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083912.D
 Acq On : 18 Dec 2015 14:53
 Operator : UM/SJ
 Sample : PB87340BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BL

Quant Time: Dec 19 04:25:16 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	54922	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	206921	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	110235	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	208842	20.00	ng	0.00
75) Chrysene-d12	14.03	240	183337	20.00	ng	0.00
86) Perylene-d12	15.47	264	140206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	404488	115.26	ng	0.01
7) Phenol-d6	6.51	99	432998	100.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	272058	75.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	133642	110.05	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	640680	81.01	ng	-0.01
78) Terphenyl-d14	12.98	244	694990	88.92	ng	0.00

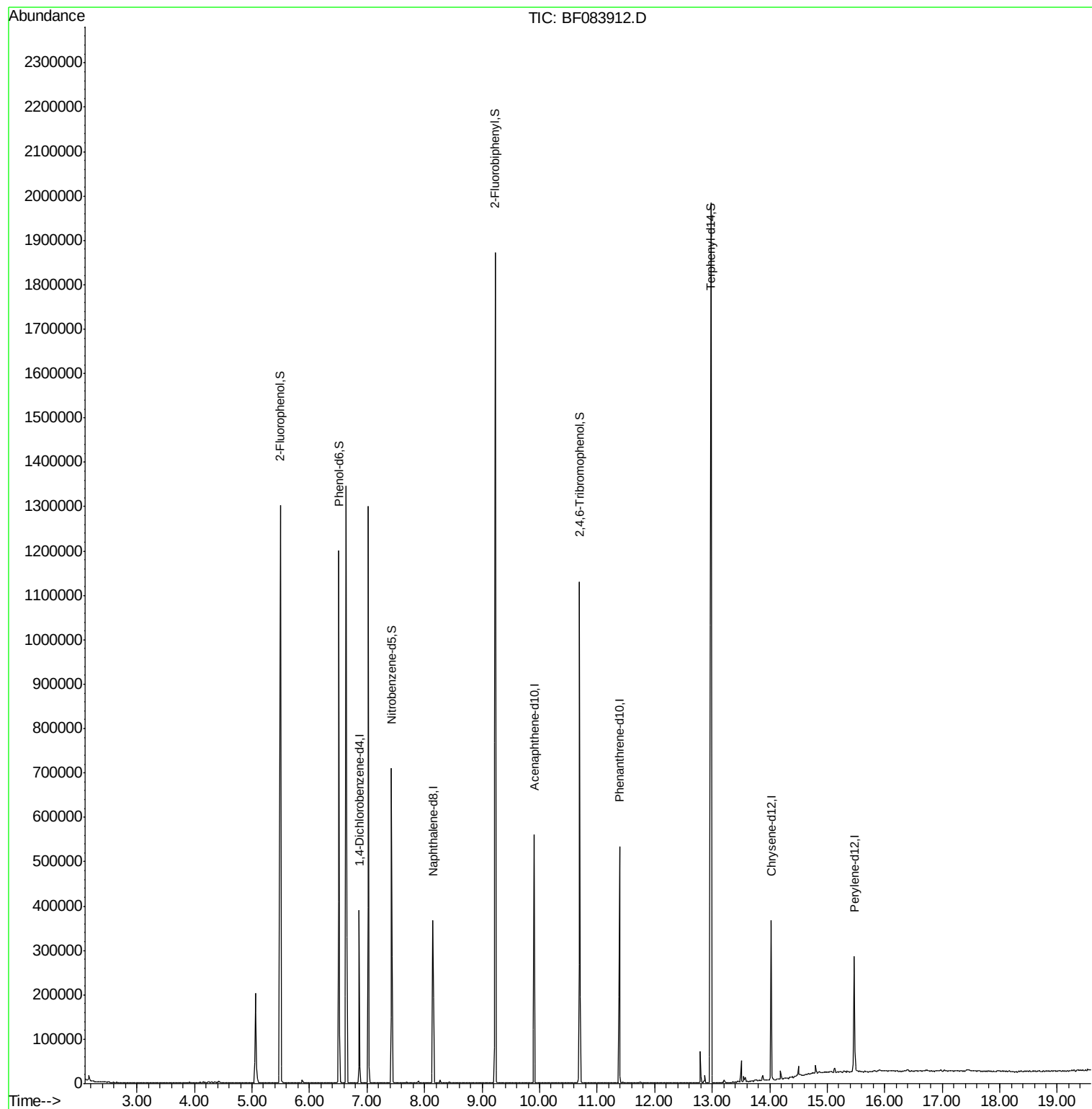
Target Compounds Qvalue

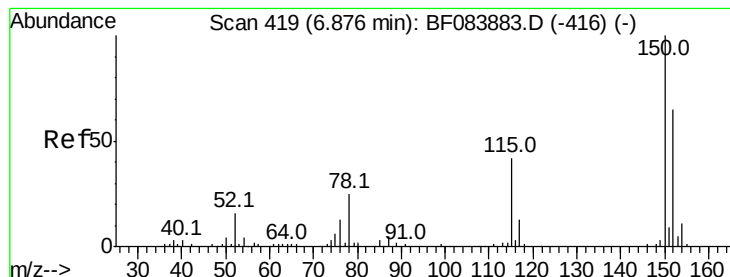
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083912.D

Acq: 18 Dec 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB87340BL

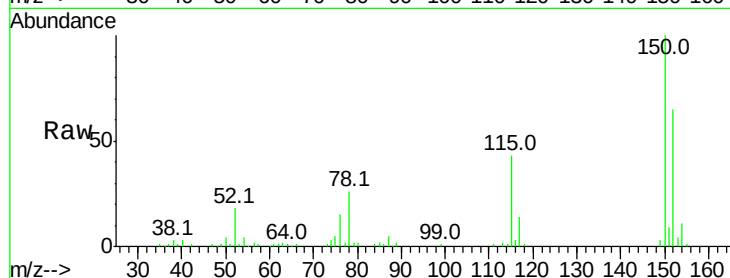
Tot Ion:152 Resp: 54922

Ion Ratio Lower Upper

152 100

150 153.5 123.0 184.4

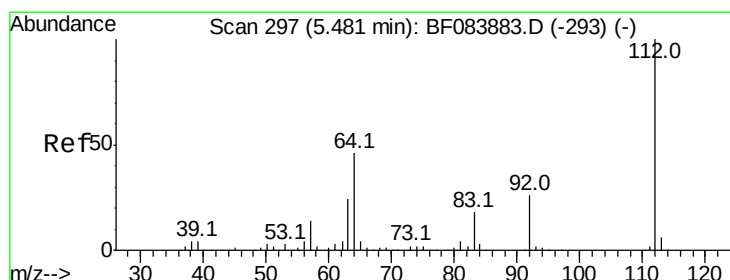
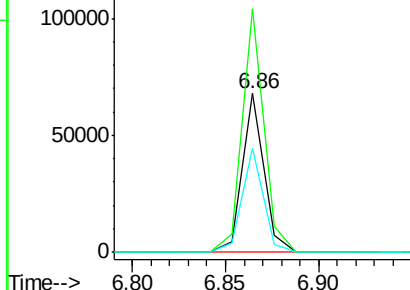
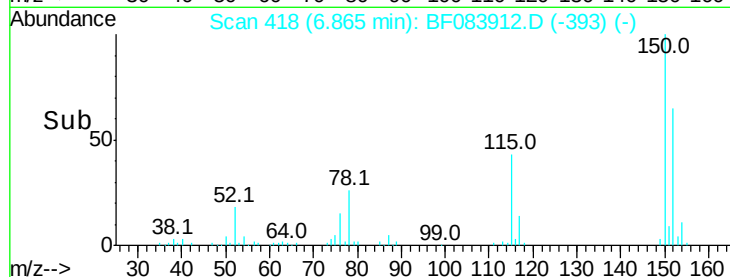
115 65.5 51.4 77.2



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: 115.26 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083912.D

Acq: 18 Dec 2015 14:53

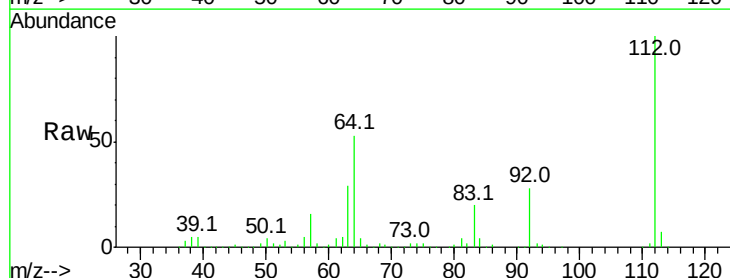
Tgt Ion:112 Resp: 404488

Ion Ratio Lower Upper

112 100

64 52.7 36.6 55.0

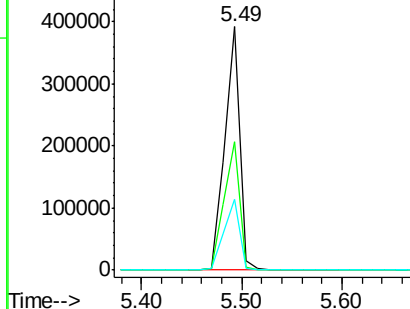
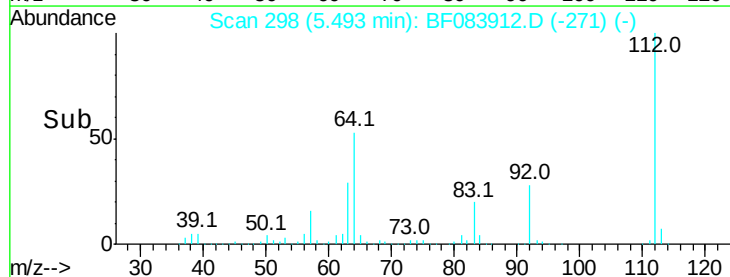
63 28.9 19.4 29.0

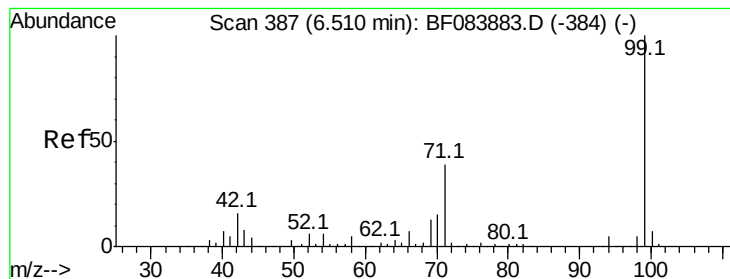


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.80 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF083912.D

Acq: 18 Dec 2015 14:53

Instrument :

BNA_F

ClientSampleID :

PB87340BL

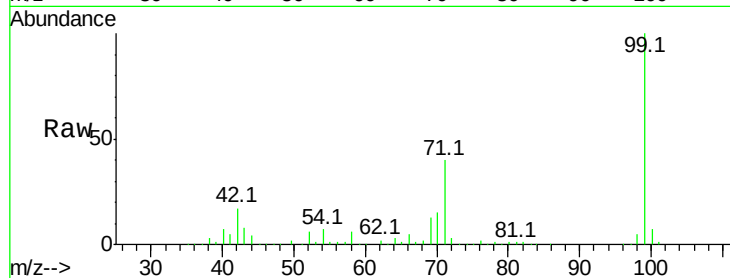
Tot Ion: 99 Resp: 432998

Ion Ratio Lower Upper

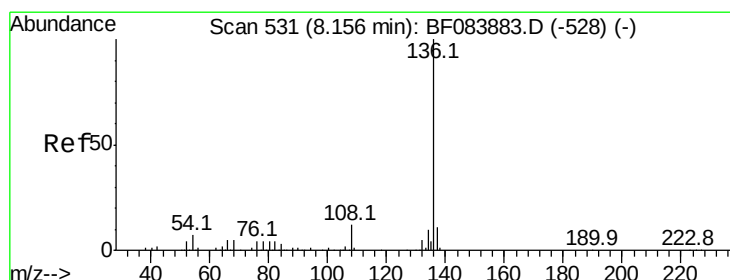
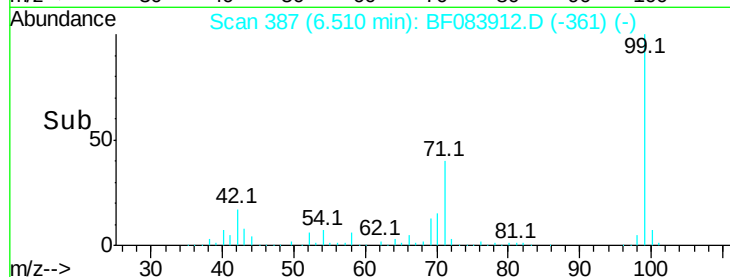
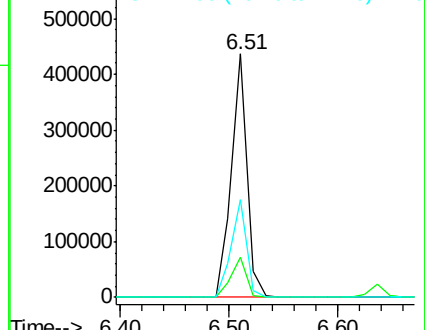
99 100

42 16.6 12.8 19.2

71 40.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF083912.D

Acq: 18 Dec 2015 14:53

Tgt Ion:136 Resp: 206921

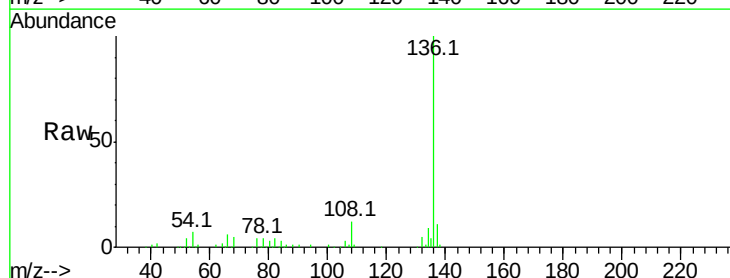
Ion Ratio Lower Upper

136 100

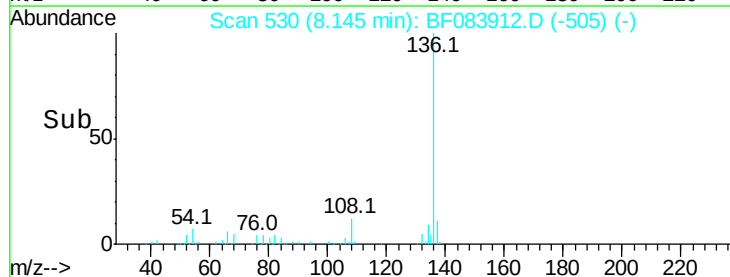
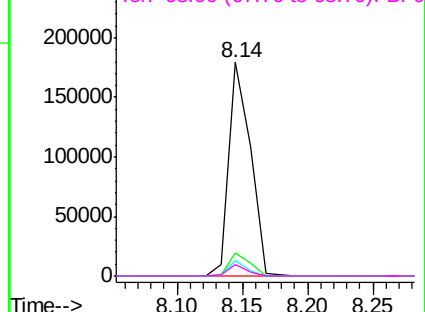
137 10.7 8.7 13.1

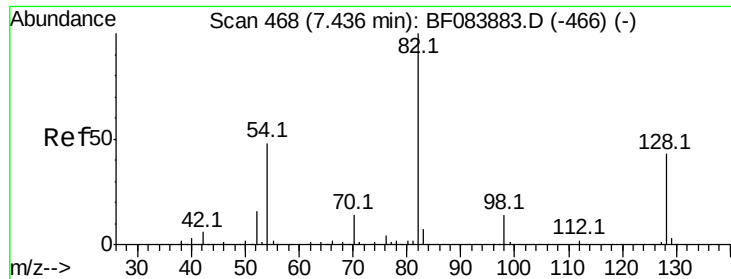
54 7.0 5.8 8.8

68 5.2 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

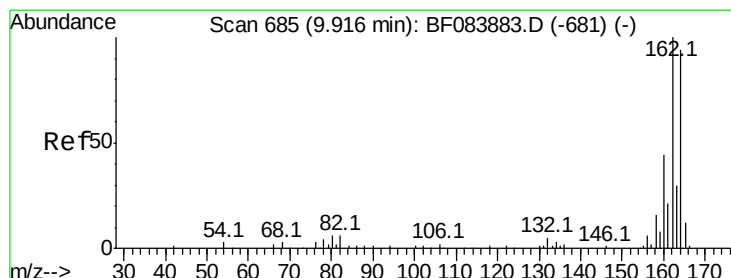
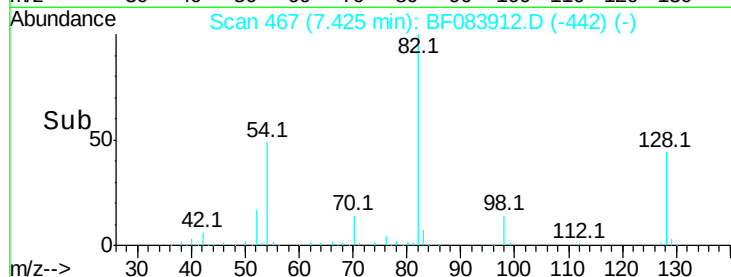
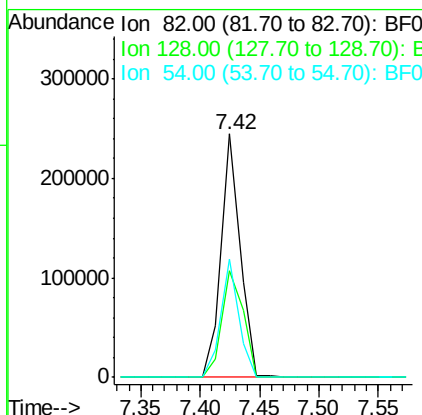
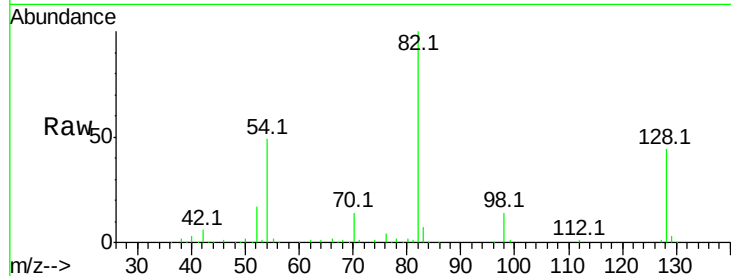




#23
 Nitrobenzene-d5
 Concen: 75.04 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083912.D
 Acq: 18 Dec 2015 14:53

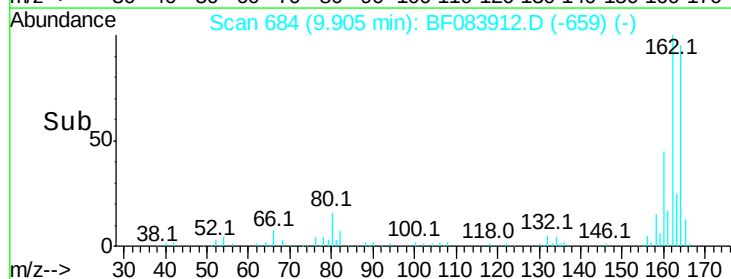
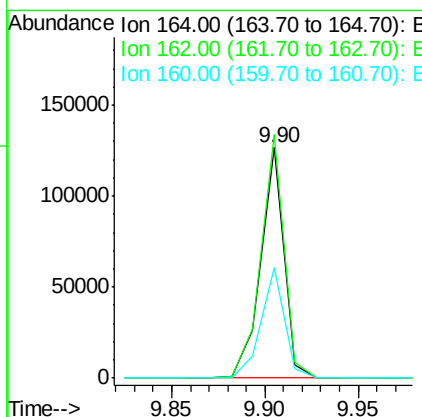
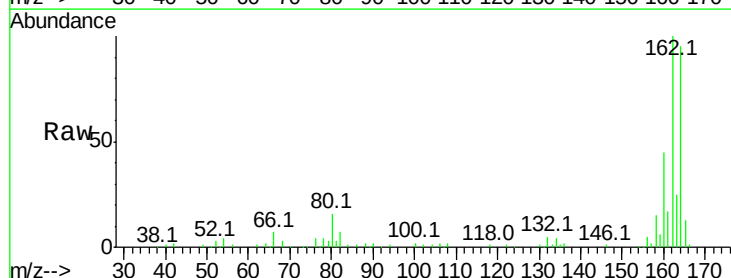
Instrument :
 BNA_F
 ClientSampleId :
 PB87340BL

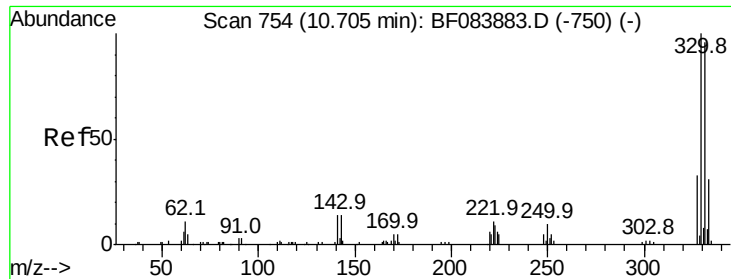
Tot Ion	82	Resp	272058
Ion Ratio	100	Lower	Upper
128	43.9	34.6	51.8
54	48.7	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083912.D
 Acq: 18 Dec 2015 14:53

Tgt Ion	164	Resp	110235
Ion Ratio	100	Lower	Upper
162	105.6	85.1	127.7
160	47.8	37.5	56.3

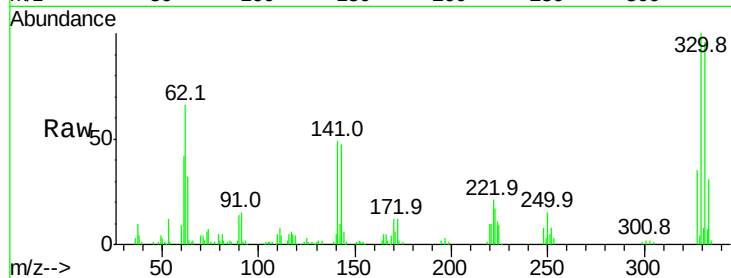




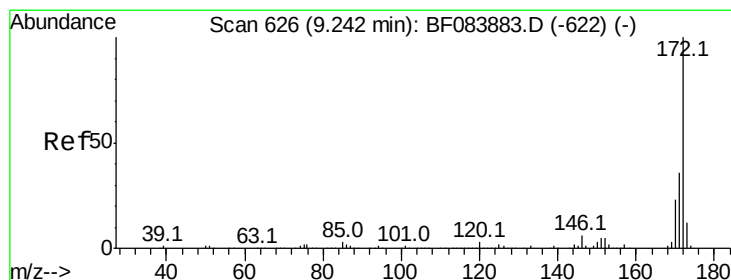
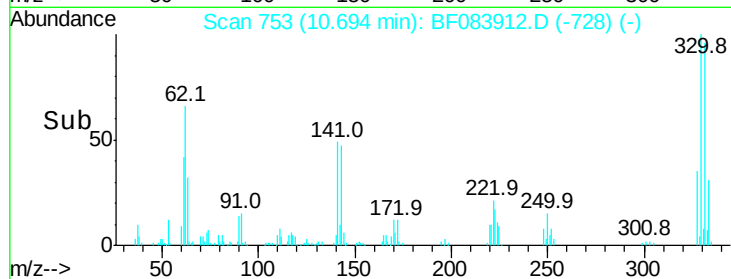
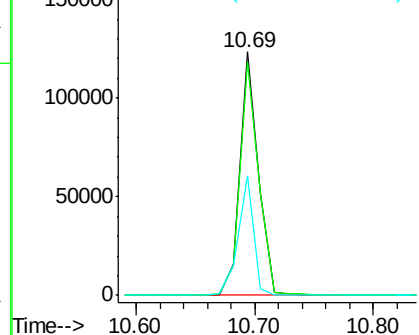
#41
 2,4,6-Tribromophenol
 Concen: 110.05 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083912.D
 Acq: 18 Dec 2015 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	41.3	27.8	41.6

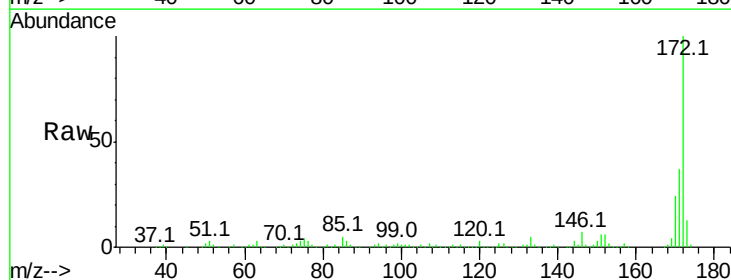


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

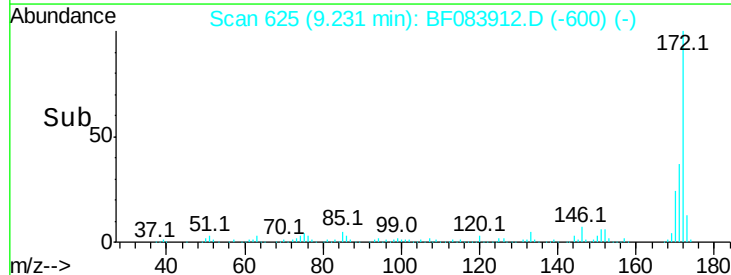
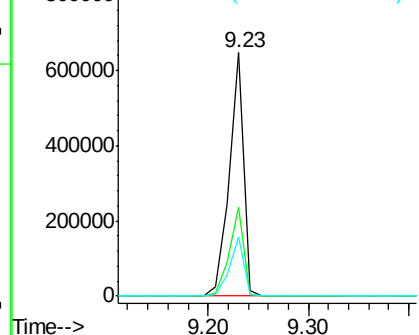


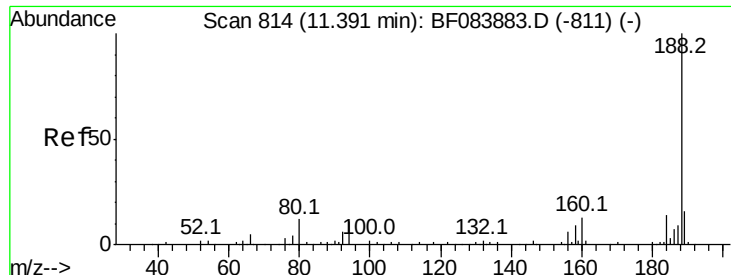
#44
 2-Fluorobiphenyl
 Concen: 81.01 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083912.D
 Acq: 18 Dec 2015 14:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.3	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

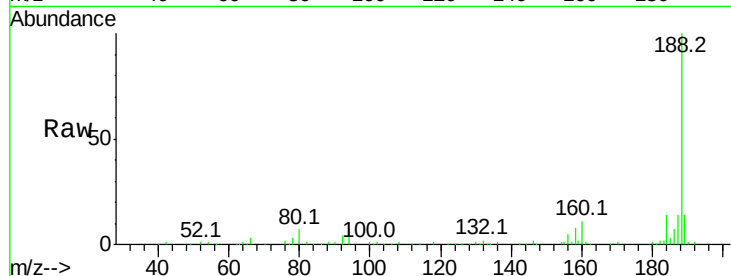




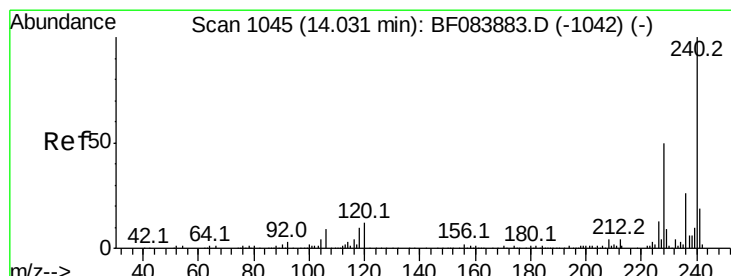
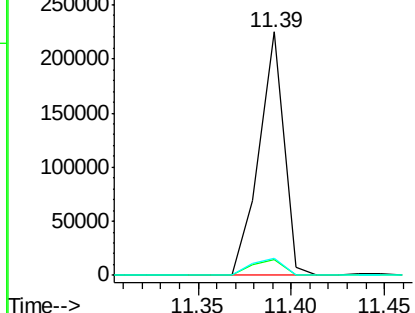
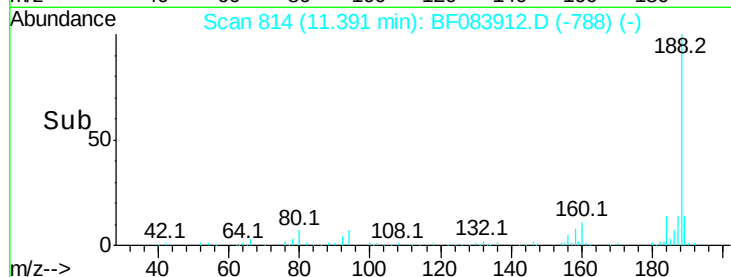
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tot Ion:188 Resp: 208842
Ion Ratio Lower Upper
188 100
94 6.6 9.0 13.4#
80 7.2 9.6 14.4#

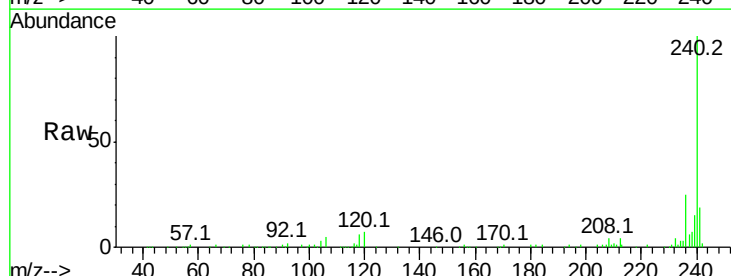


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

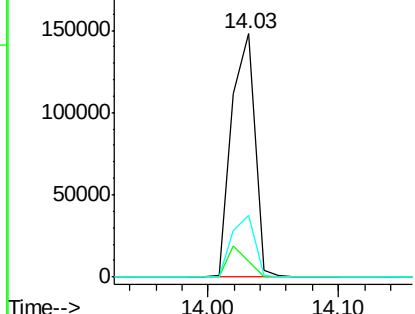
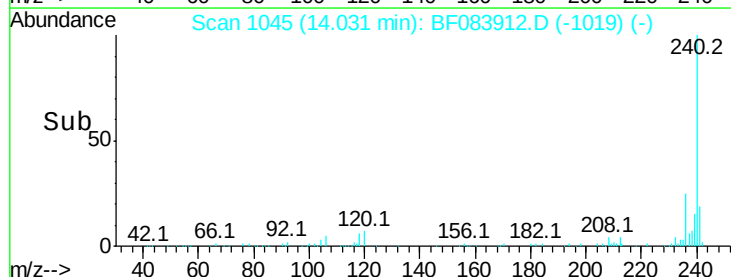


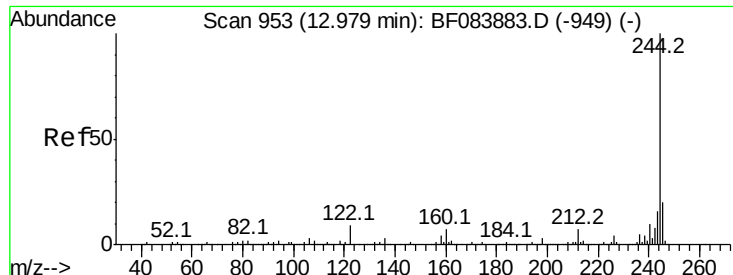
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Tgt Ion:240 Resp: 183337
Ion Ratio Lower Upper
240 100
120 6.7 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: 88.92 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083912.D

Acq: 18 Dec 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB87340BL

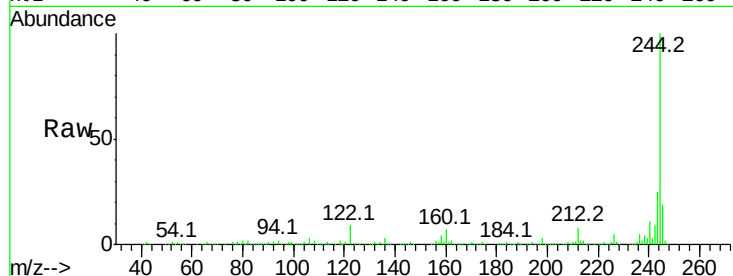
Tot Ion:244 Resp: 694990

Ion Ratio Lower Upper

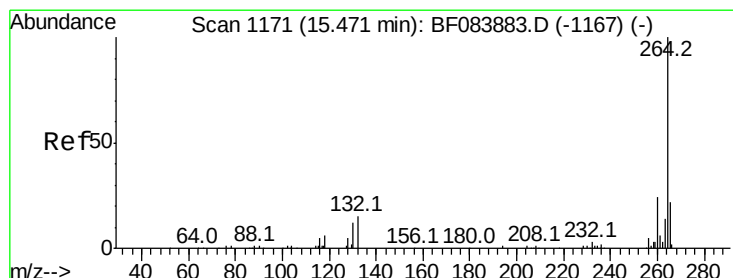
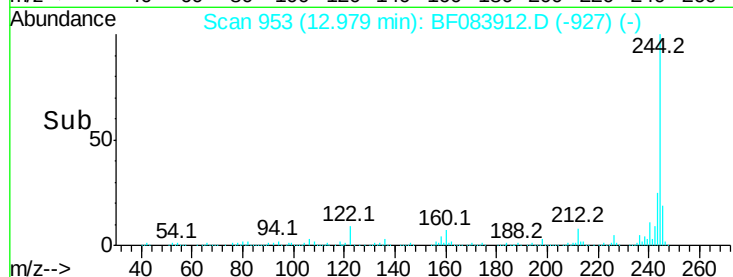
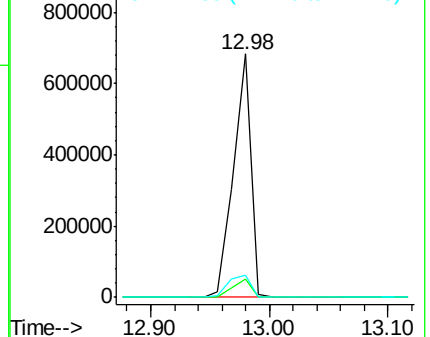
244 100

212 7.6 5.7 8.5

122 9.3 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: 15.47 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF083912.D

Acq: 18 Dec 2015 14:53

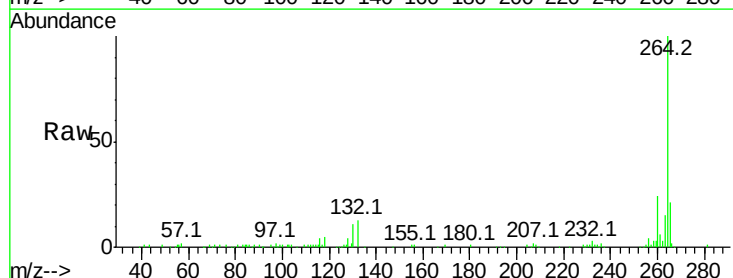
Tgt Ion:264 Resp: 140206

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.5 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

