

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083946.D
 Acq On : 19 Dec 2015 7:02
 Operator : UM/SJ
 Sample : G4840-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PW-01

Quant Time: Dec 21 02:36:23 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	52223	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	185826	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	94481	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	146299	20.00	ng	0.00
75) Chrysene-d12	14.02	240	115490	20.00	ng	-0.01
86) Perylene-d12	15.46	264	102991	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	208325	62.43	ng	0.00
7) Phenol-d6	6.51	99	155819	38.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	317164	97.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	114260	109.77	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	678712	104.64	ng	-0.01
78) Terphenyl-d14	12.97	244	486541	99.57	ng	-0.01

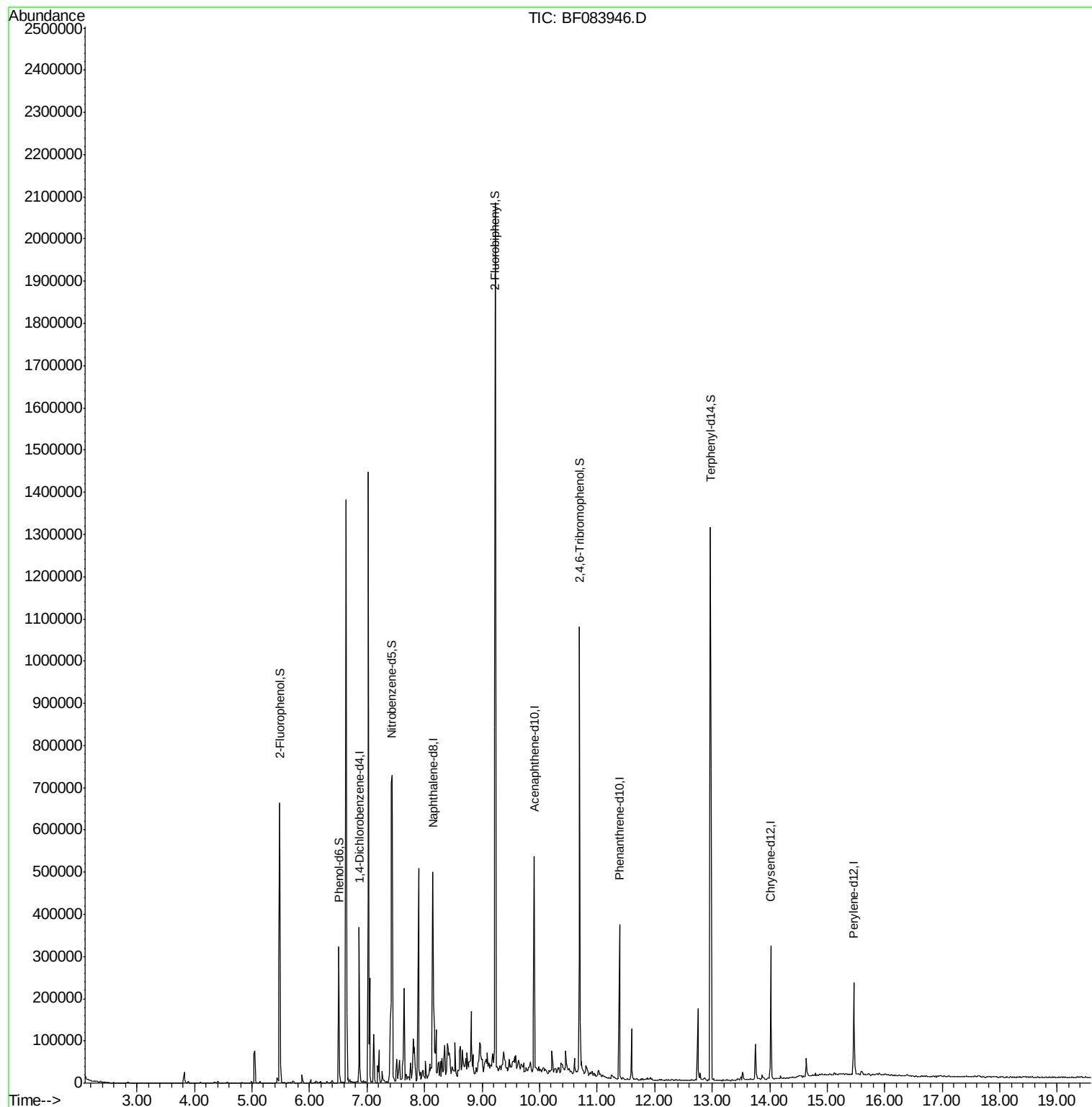
Target Compounds Qvalue

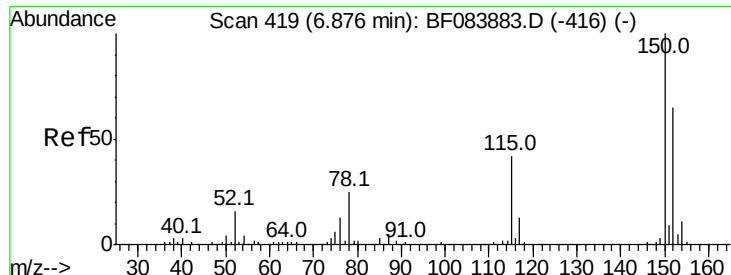
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 14:23:22 2015
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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: BF083946.D

Acq: 19 Dec 2015 7:02

Instrument :

BNA_F

ClientSampleId :

PW-01

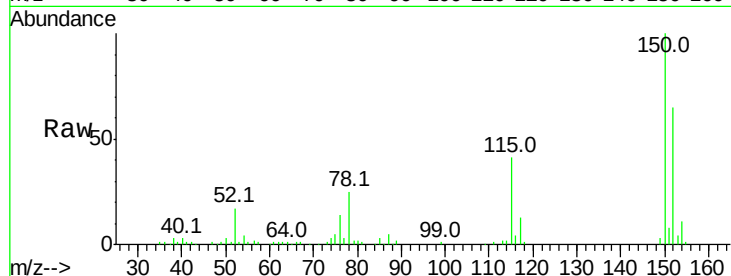
Tot Ion:152 Resp: 52223

Ion Ratio Lower Upper

152 100

150 153.9 123.0 184.4

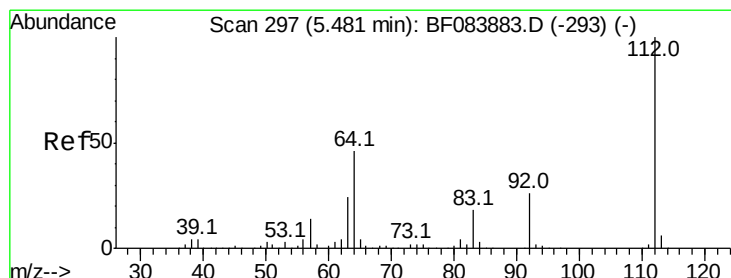
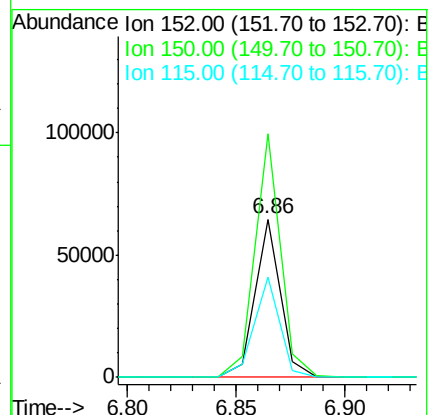
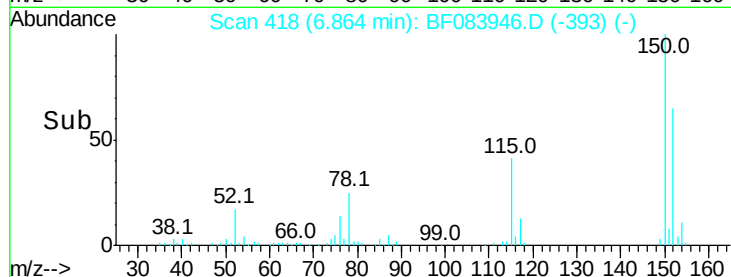
115 63.4 51.4 77.2



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: 62.43 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083946.D

Acq: 19 Dec 2015 7:02

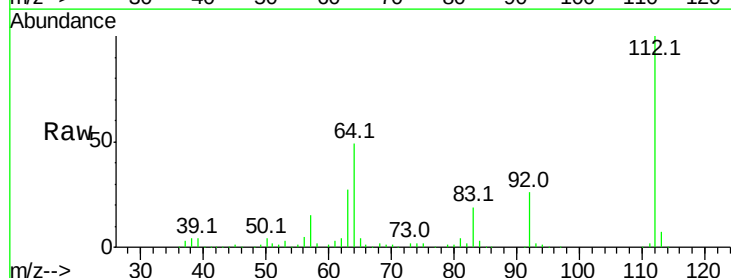
Tgt Ion:112 Resp: 208325

Ion Ratio Lower Upper

112 100

64 49.1 36.6 55.0

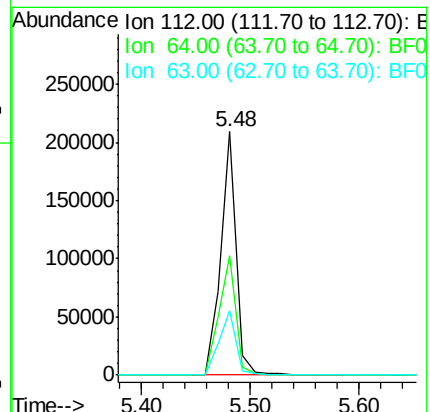
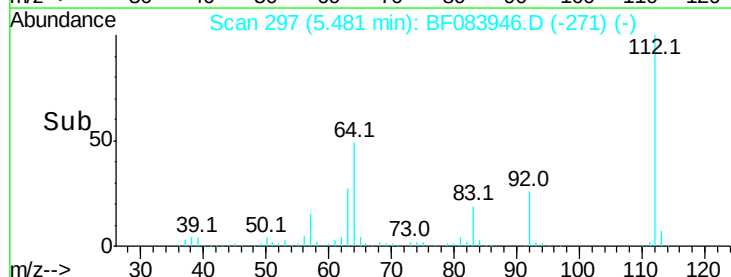
63 26.6 19.4 29.0

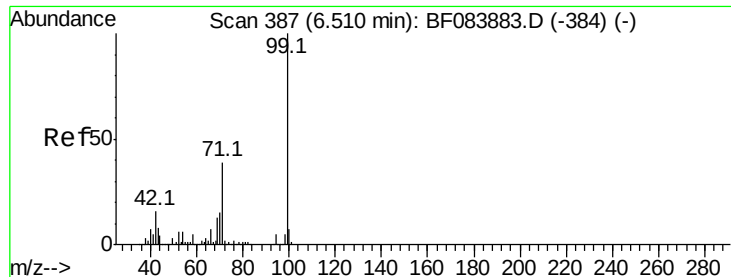


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.15 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083946.D

Acq: 19 Dec 2015 7:02

Instrument :

BNA_F

ClientSampleId :

PW-01

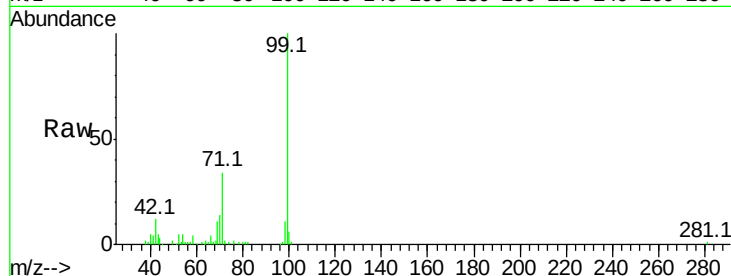
Tot Ion: 99 Resp: 155819

Ion Ratio Lower Upper

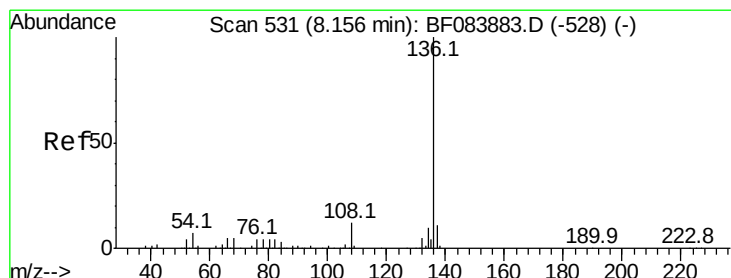
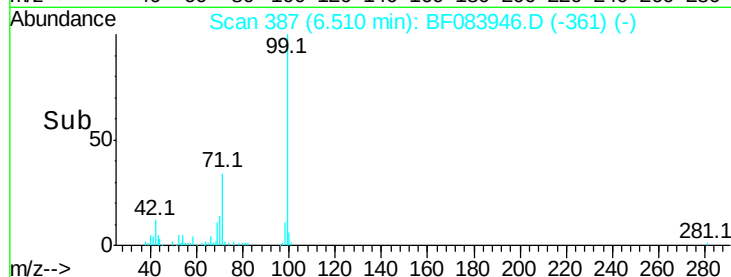
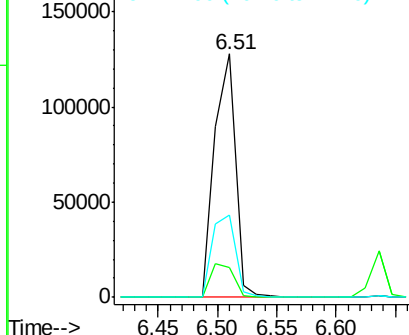
99 100

42 12.4 12.8 19.2#

71 33.9 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: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF083946.D

Acq: 19 Dec 2015 7:02

Tgt Ion: 136 Resp: 185826

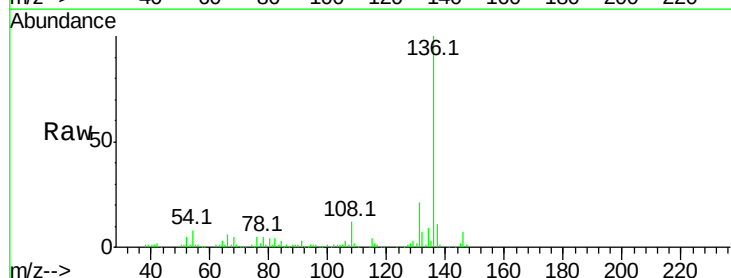
Ion Ratio Lower Upper

136 100

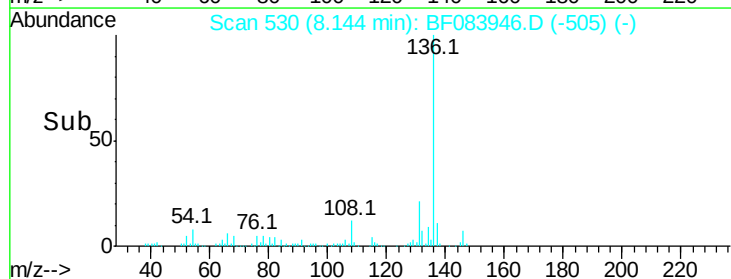
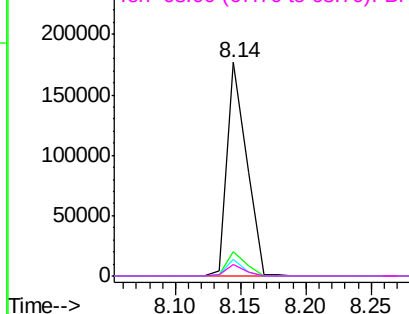
137 11.2 8.7 13.1

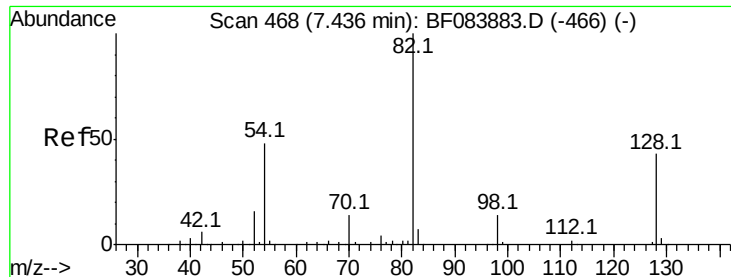
54 7.9 5.8 8.8

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: 97.41 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF083946.D

Acq: 19 Dec 2015 7:02

Instrument :

BNA_F

ClientSampleId :

PW-01

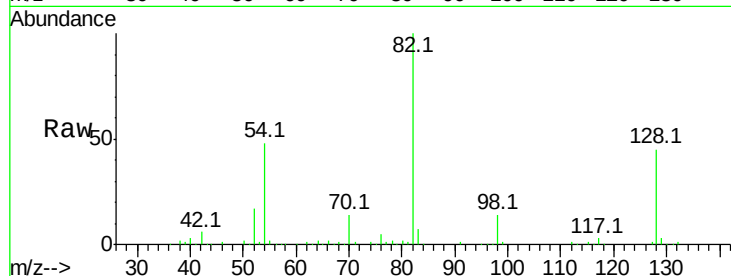
Tot Ion: 82 Resp: 317164

Ion Ratio Lower Upper

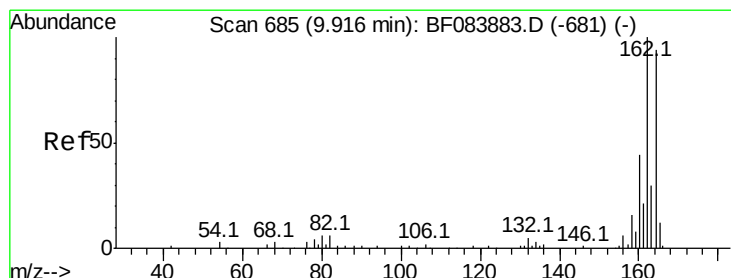
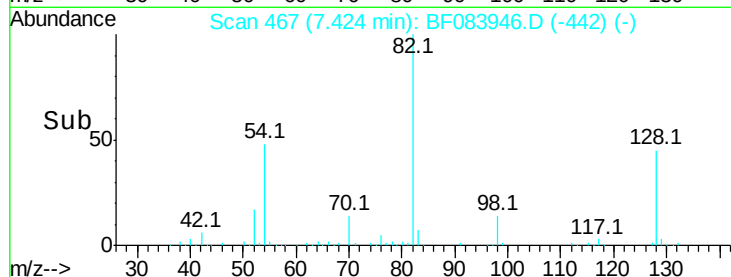
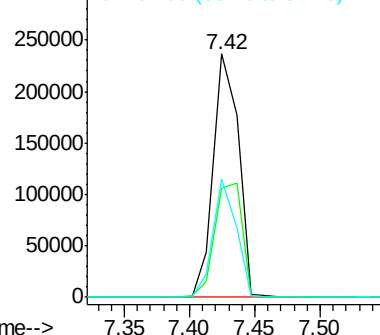
82 100

128 45.1 34.6 51.8

54 48.4 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF083946.D

Acq: 19 Dec 2015 7:02

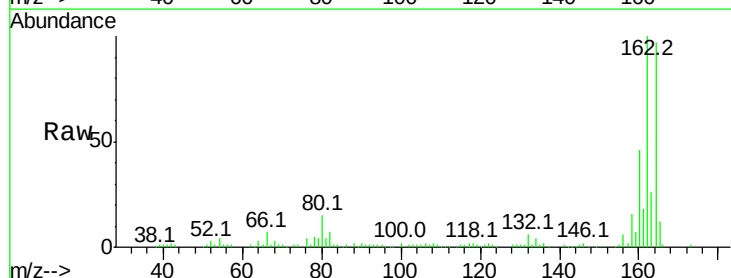
Tgt Ion:164 Resp: 94481

Ion Ratio Lower Upper

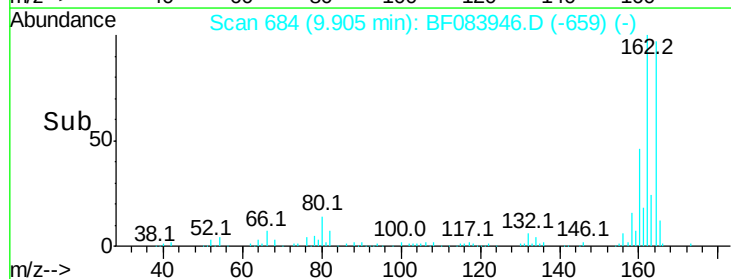
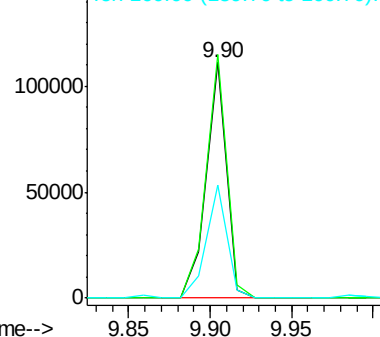
164 100

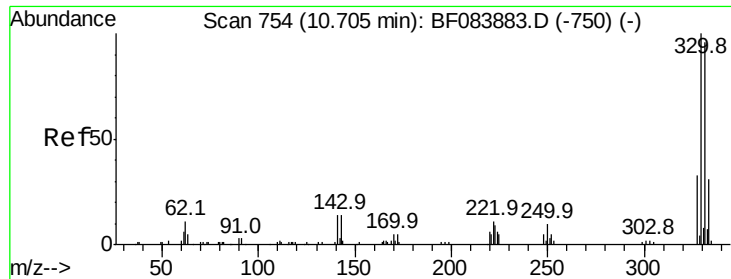
162 103.4 85.1 127.7

160 48.0 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

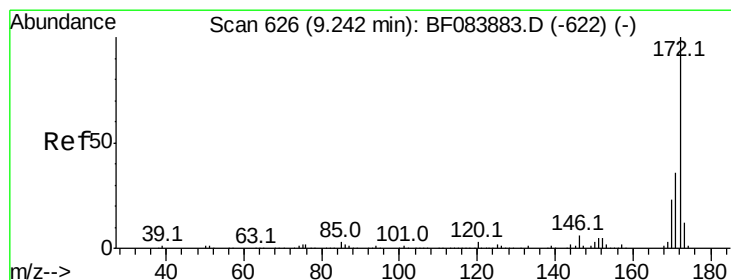
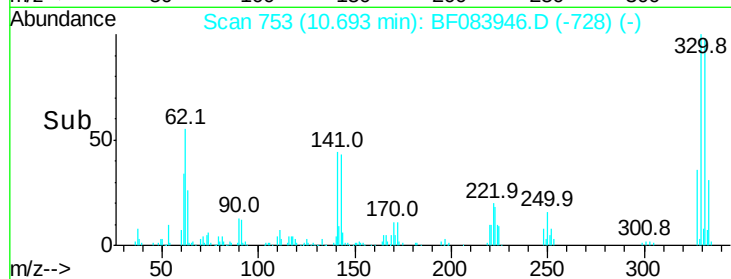
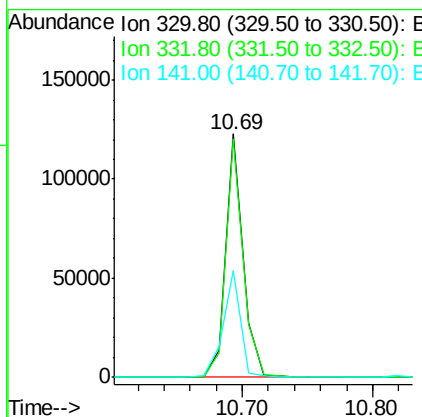
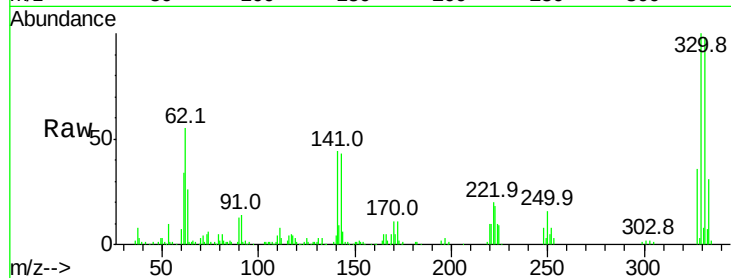




#41
 2,4,6-Tribromophenol
 Concen: 109.77 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083946.D
 Acq: 19 Dec 2015 7:02

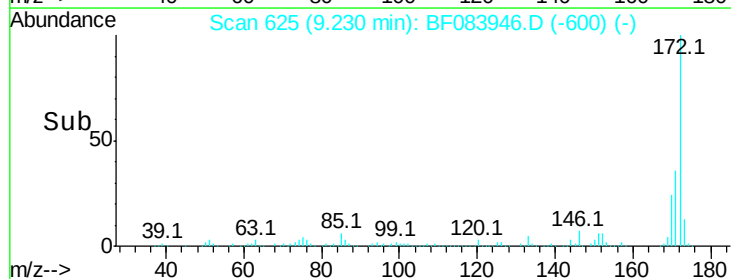
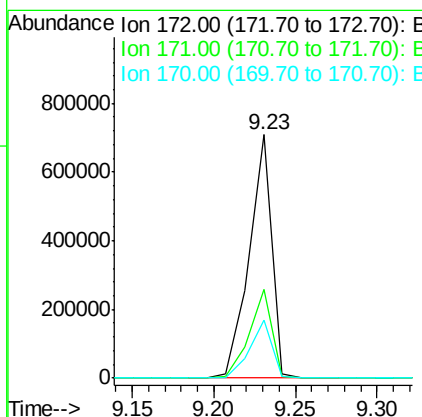
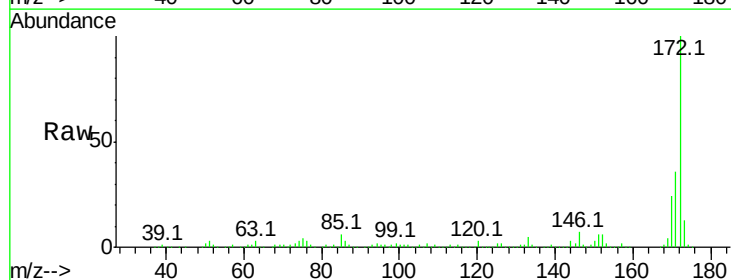
Instrument :
 BNA_F
 ClientSampleId :
 PW-01

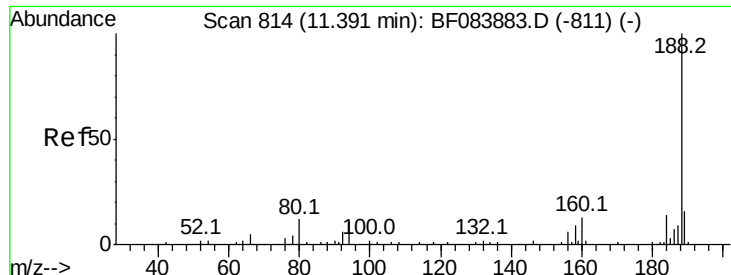
Tot Ion:330 Resp: 114260
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 44.7 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 104.64 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083946.D
 Acq: 19 Dec 2015 7:02

Tgt Ion:172 Resp: 678712
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.0 18.6 27.8

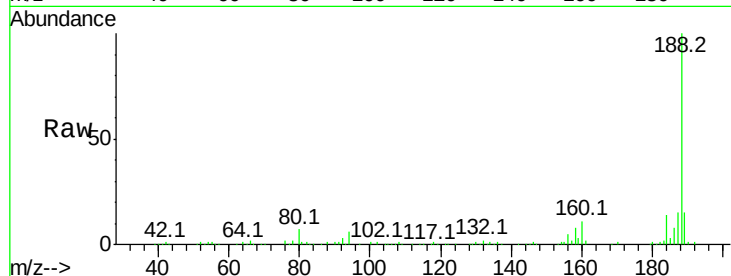




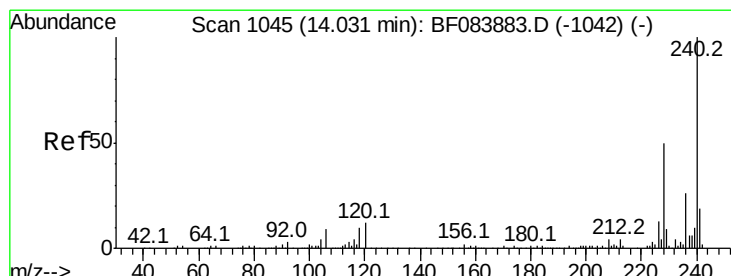
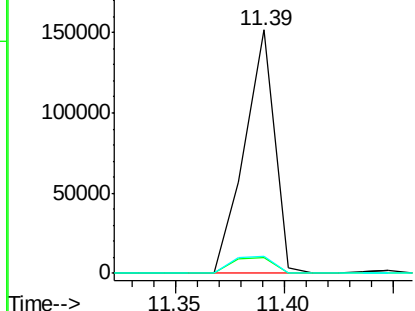
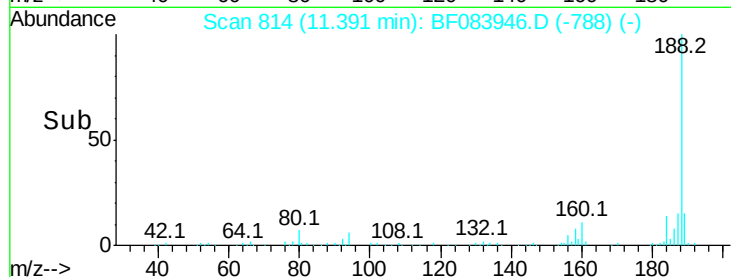
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083946.D
Acq: 19 Dec 2015 7:02

Instrument :
BNA_F
ClientSampleId :
PW-01

Tot Ion:188 Resp: 146299
Ion Ratio Lower Upper
188 100
94 6.4 9.0 13.4#
80 6.9 9.6 14.4#

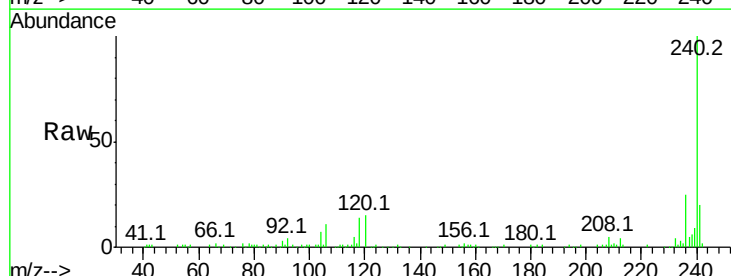


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

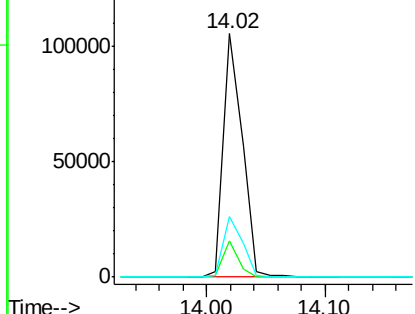
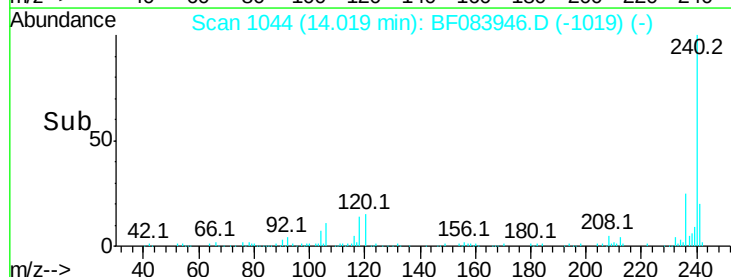


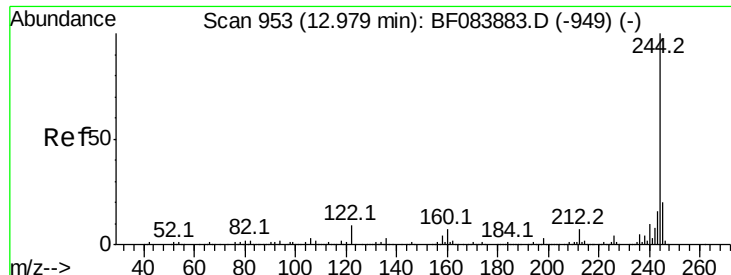
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083946.D
Acq: 19 Dec 2015 7:02

Tgt Ion:240 Resp: 115490
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 24.7 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: 99.57 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083946.D

Acq: 19 Dec 2015 7:02

Instrument :

BNA_F

ClientSampled :

PW-01

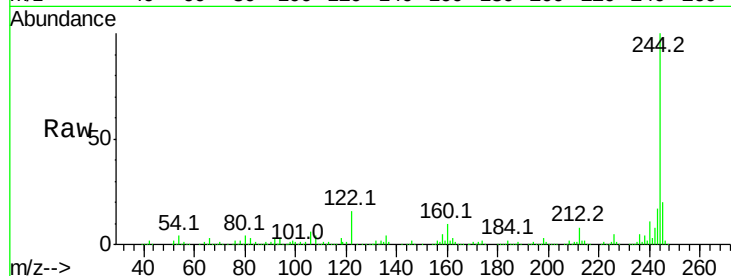
Tot Ion:244 Resp: 486541

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

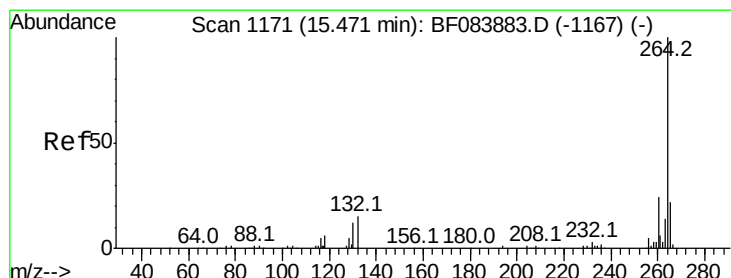
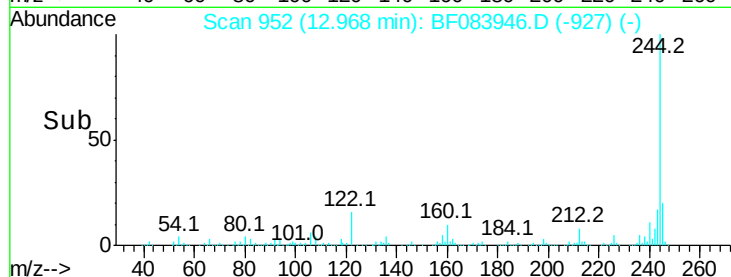
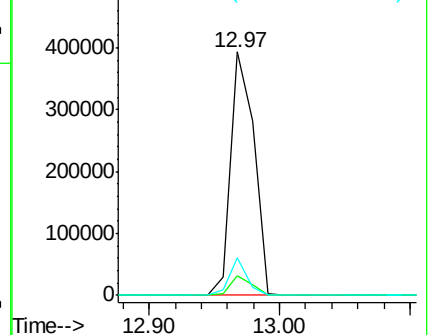
122 15.6 7.4 11.0#



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: 15.46 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF083946.D

Acq: 19 Dec 2015 7:02

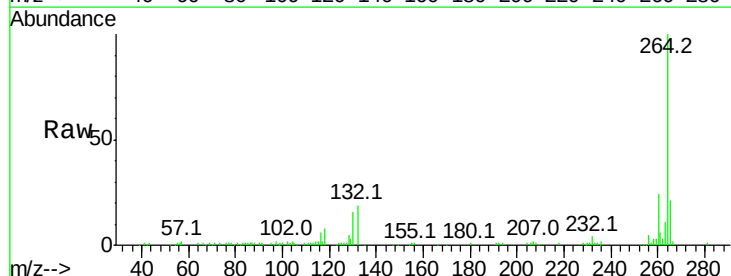
Tgt Ion:264 Resp: 102991

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.1 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

