

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083936.D
 Acq On : 19 Dec 2015 2:25
 Operator : UM/SJ
 Sample : G4840-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-04

Quant Time: Dec 19 05:41:47 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	72482	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	288222	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	163517	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	233534	20.00	ng	0.00
75) Chrysene-d12	14.03	240	176881	20.00	ng	0.00
86) Perylene-d12	15.47	264	159437	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	305099	65.87	ng	0.00
7) Phenol-d6	6.51	99	265073	46.76	ng	0.00
23) Nitrobenzene-d5	7.44	82	513307	101.64	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	214146	118.88	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	873302	73.39	ng	-0.01
78) Terphenyl-d14	12.98	244	729003	97.26	ng	0.00

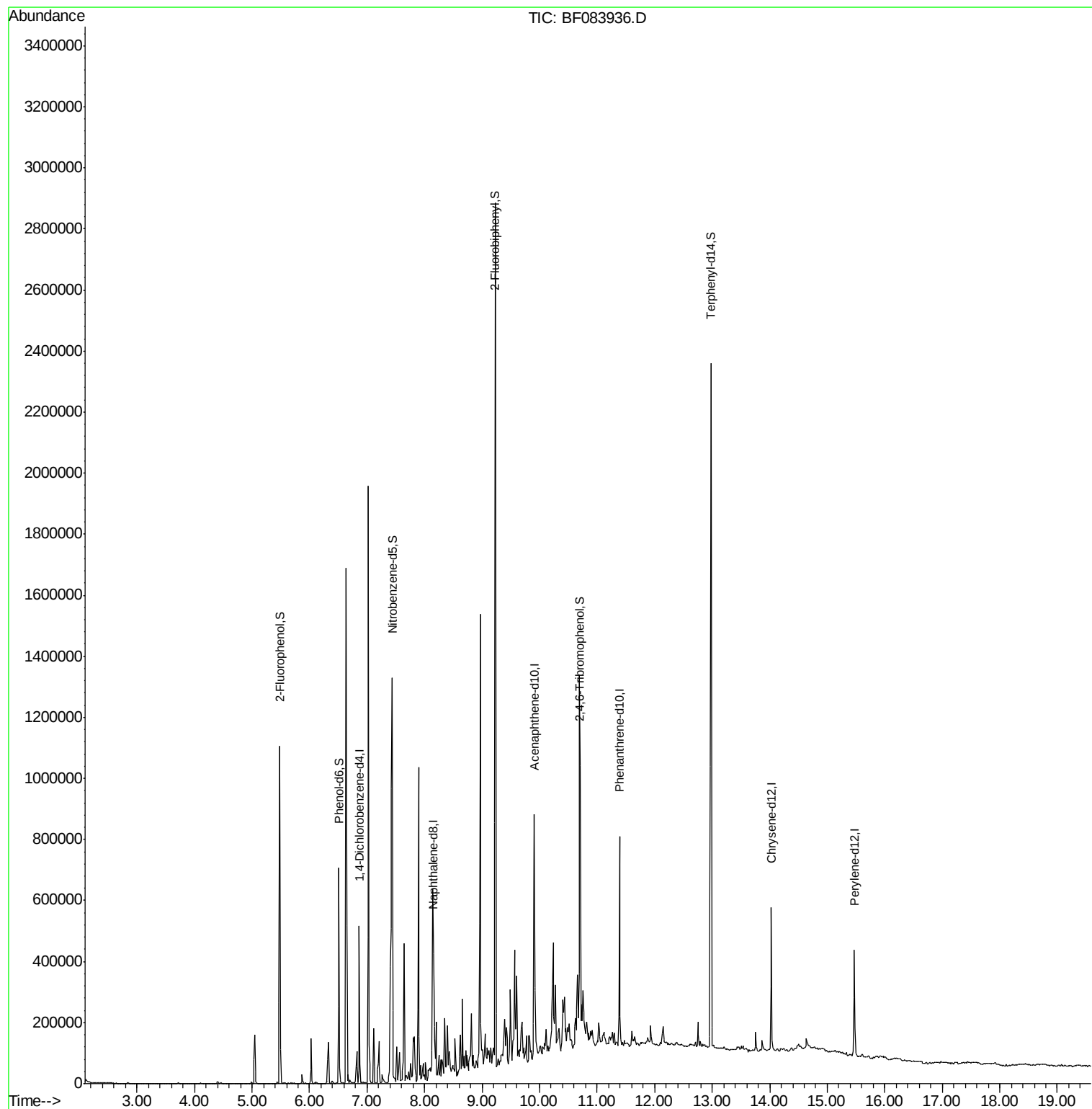
Target Compounds Qvalue

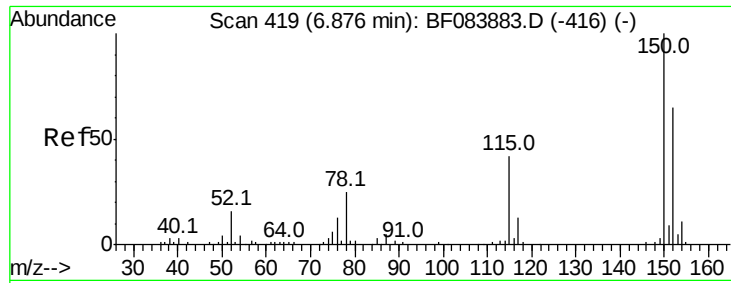
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083936.D

Acq: 19 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

W-04

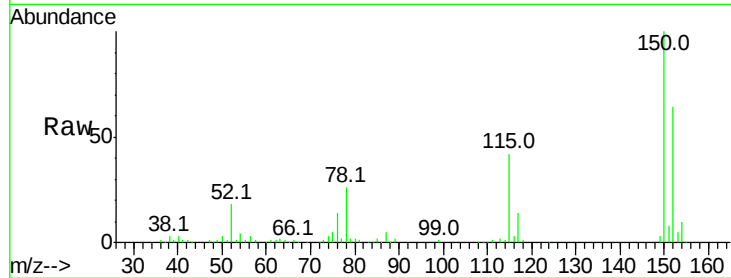
Tot Ion:152 Resp: 72482

Ion Ratio Lower Upper

152 100

150 155.1 123.0 184.4

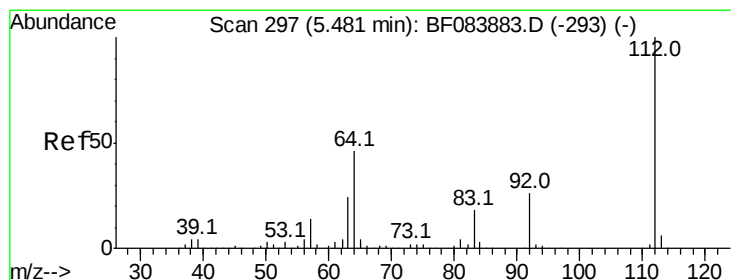
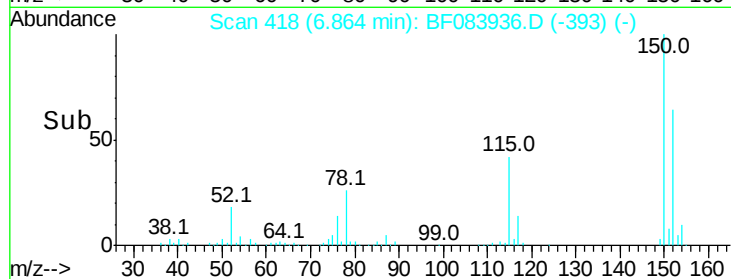
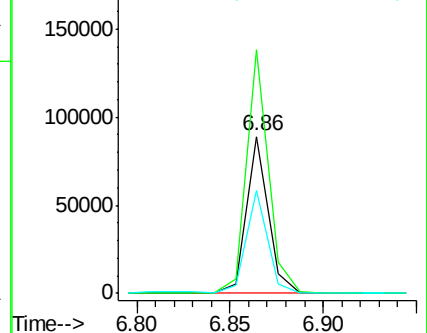
115 65.6 51.4 77.2



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: 65.87 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083936.D

Acq: 19 Dec 2015 2:25

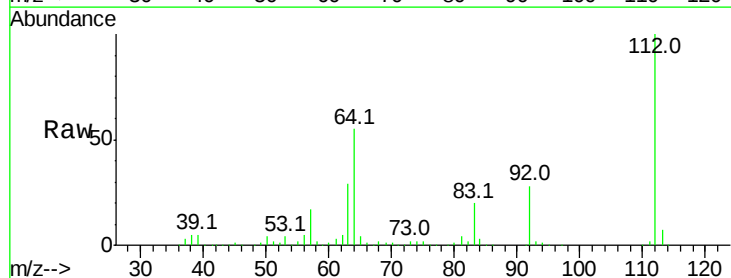
Tgt Ion:112 Resp: 305099

Ion Ratio Lower Upper

112 100

64 55.4 36.6 55.0#

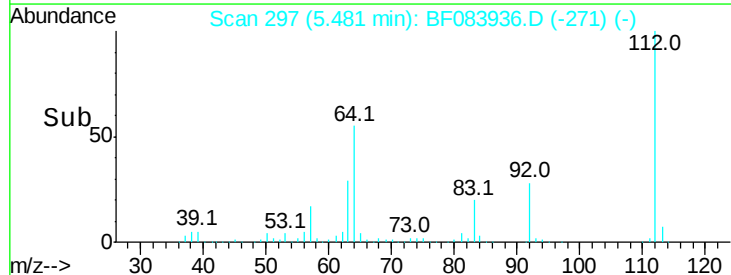
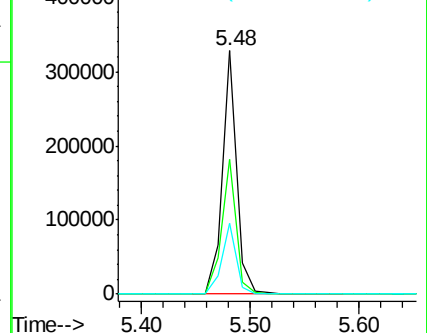
63 29.3 19.4 29.0#

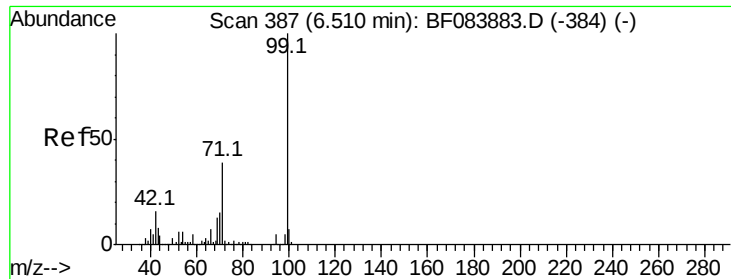


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.76 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083936.D

Acq: 19 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

W-04

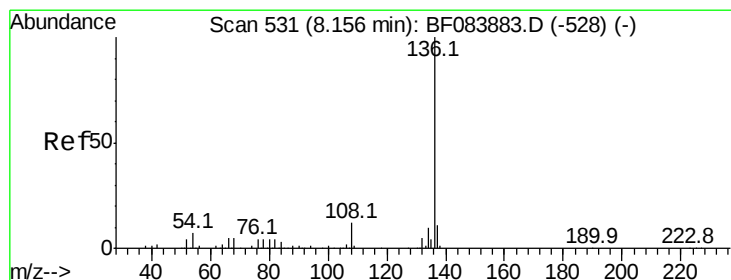
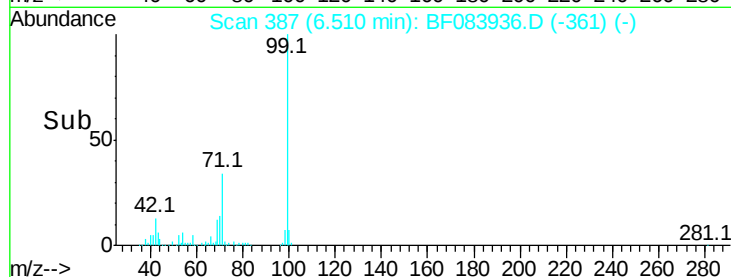
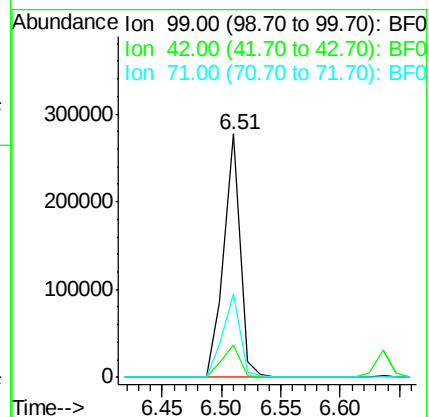
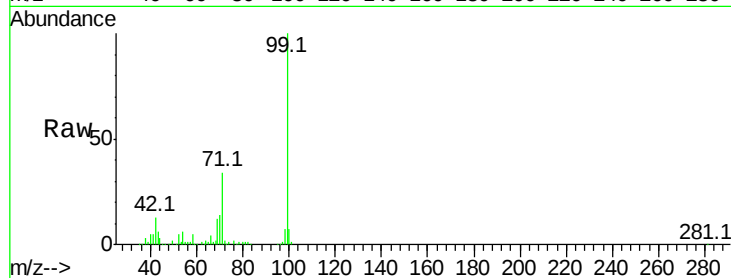
Tot Ion: 99 Resp: 265073

Ion Ratio Lower Upper

99 100

42 13.4 12.8 19.2

71 34.3 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF083936.D

Acq: 19 Dec 2015 2:25

Tgt Ion: 136 Resp: 288222

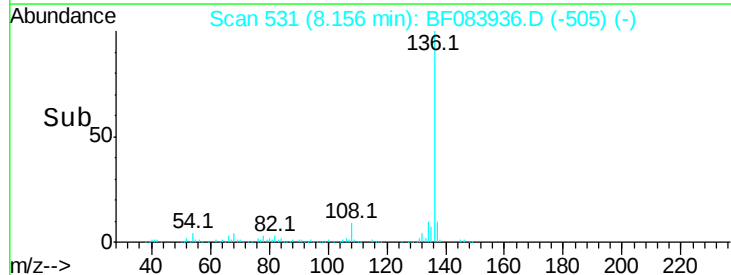
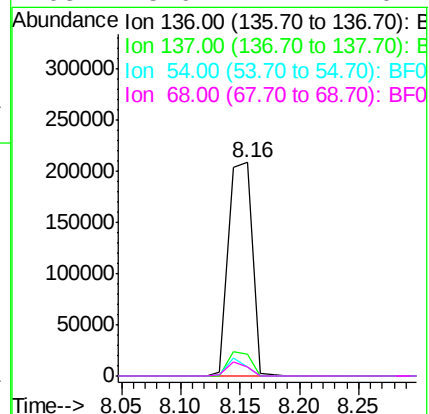
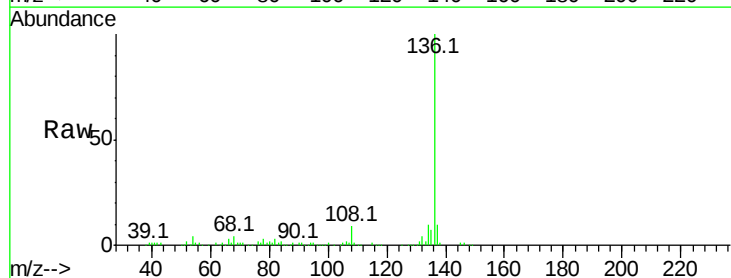
Ion Ratio Lower Upper

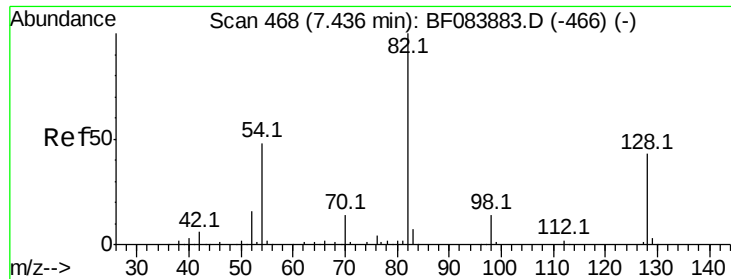
136 100

137 10.4 8.7 13.1

54 4.2 5.8 8.8#

68 3.9 4.2 6.2#

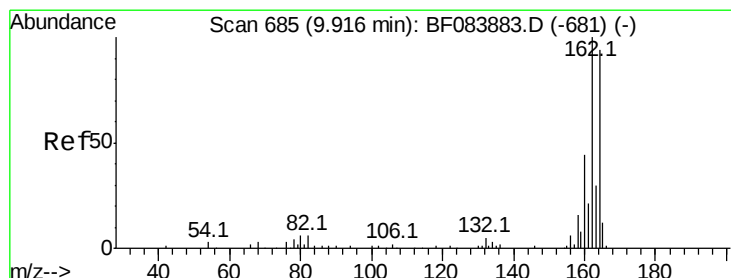
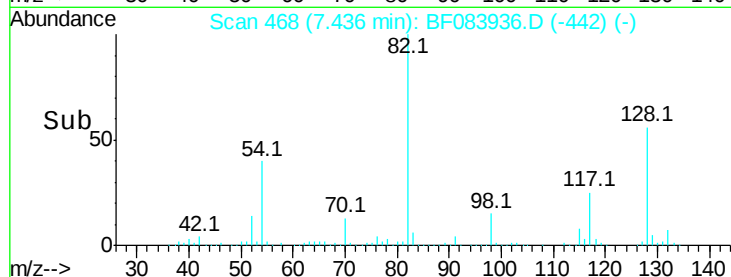
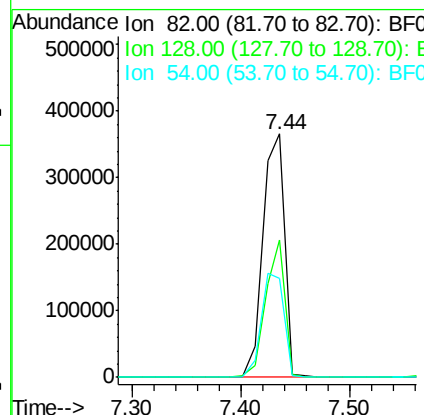
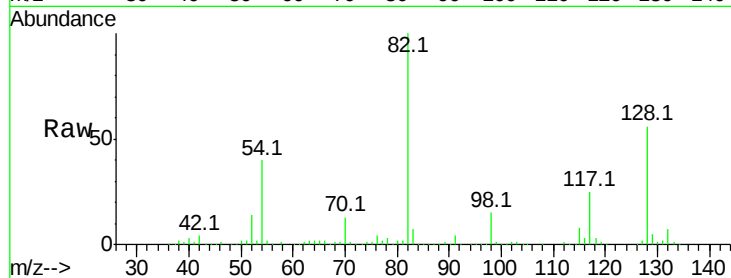




#23
 Nitrobenzene-d5
 Concen: 101.64 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF083936.D
 Acq: 19 Dec 2015 2:25

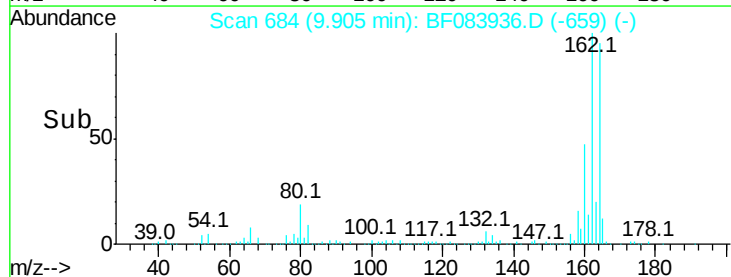
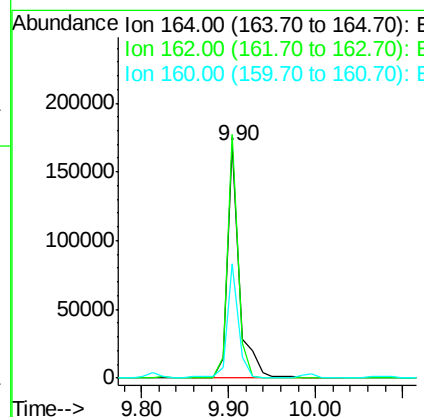
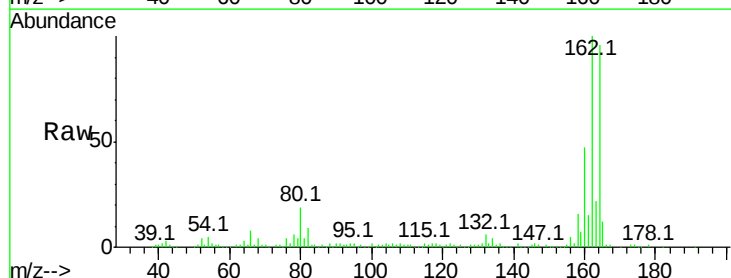
Instrument :
 BNA_F
 ClientSampled :
 W-04

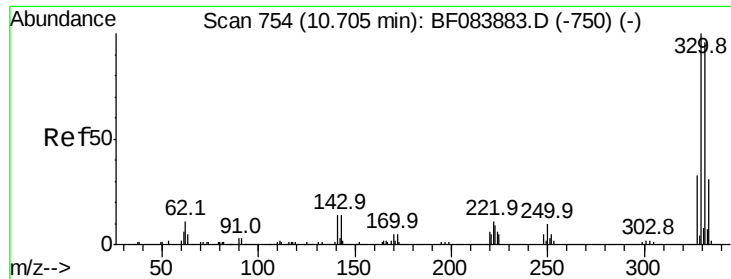
Tot Ion: 82 Resp: 513307
 Ion Ratio Lower Upper
 82 100
 128 56.4 34.6 51.8#
 54 40.5 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083936.D
 Acq: 19 Dec 2015 2:25

Tgt Ion:164 Resp: 163517
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.1 127.7
 160 48.8 37.5 56.3

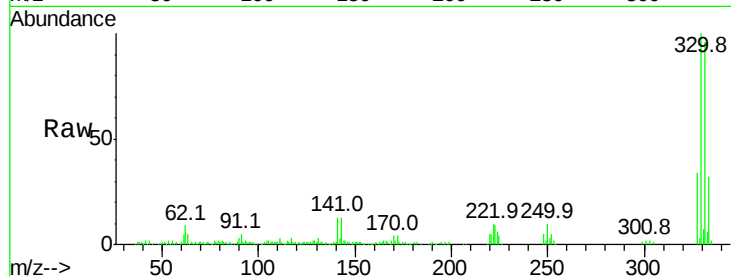




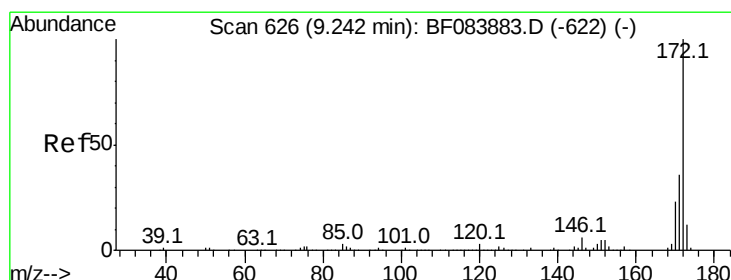
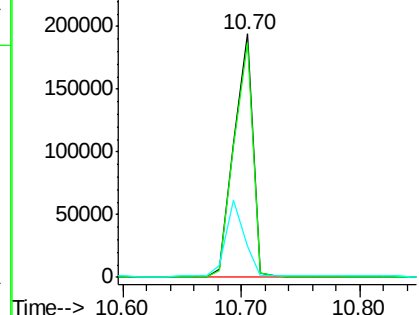
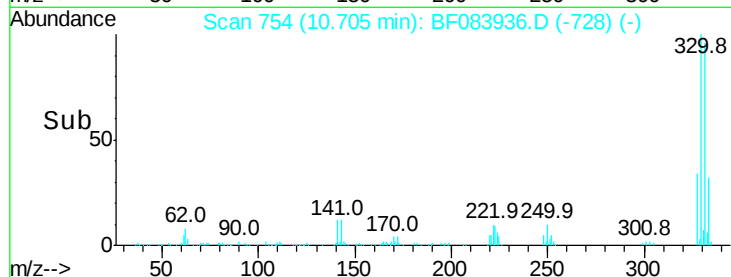
#41
 2,4,6-Tribromophenol
 Concen: 118.88 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF083936.D
 Acq: 19 Dec 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 W-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	31.0	27.8	41.6

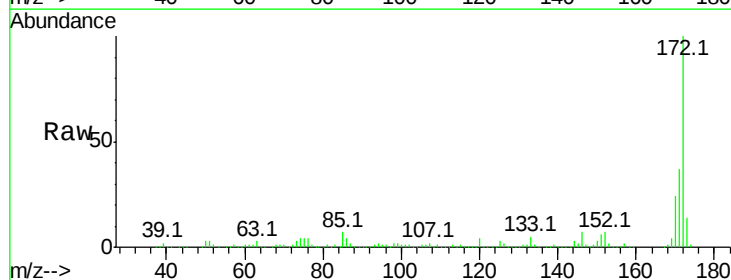


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

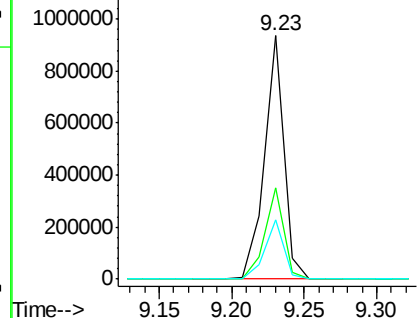
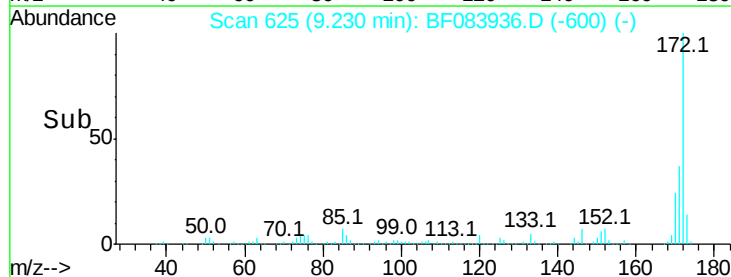


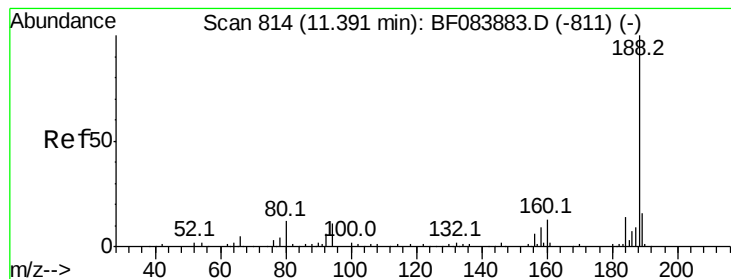
#44
 2-Fluorobiphenyl
 Concen: 73.39 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083936.D
 Acq: 19 Dec 2015 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	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: BF083936.D

Acq: 19 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

W-04

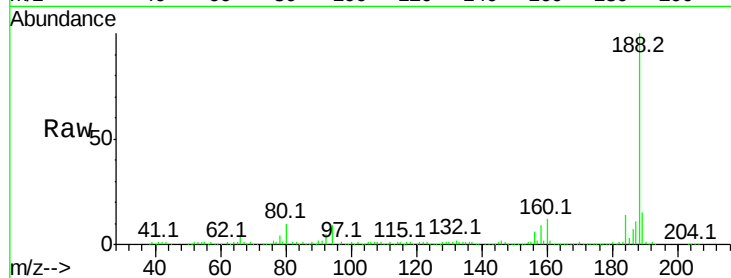
Tot Ion:188 Resp: 233534

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.4

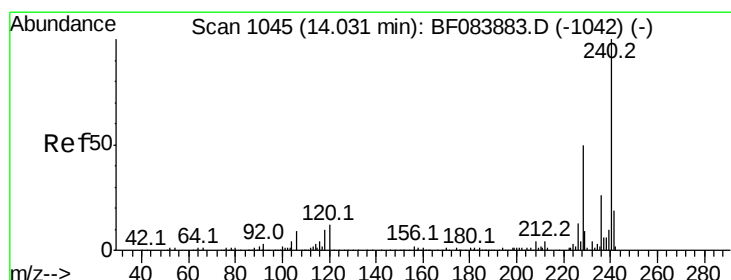
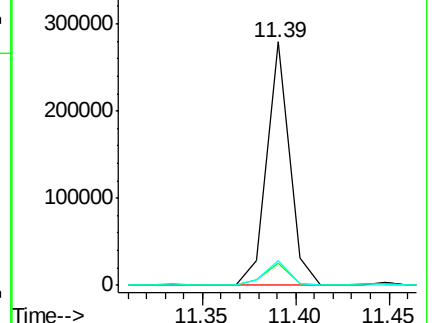
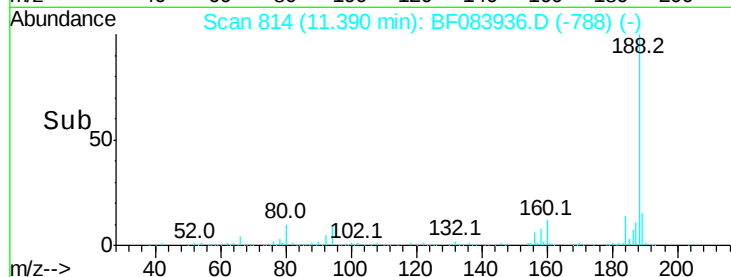
80 10.1 9.6 14.4



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: BF083936.D

Acq: 19 Dec 2015 2:25

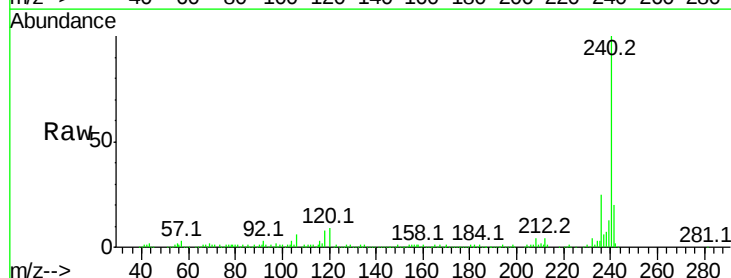
Tgt Ion:240 Resp: 176881

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

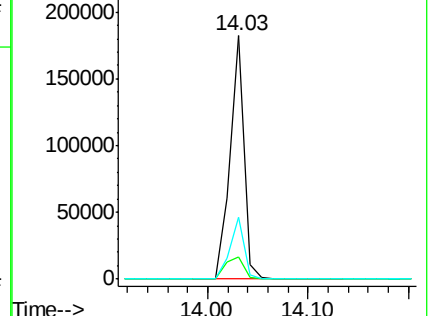
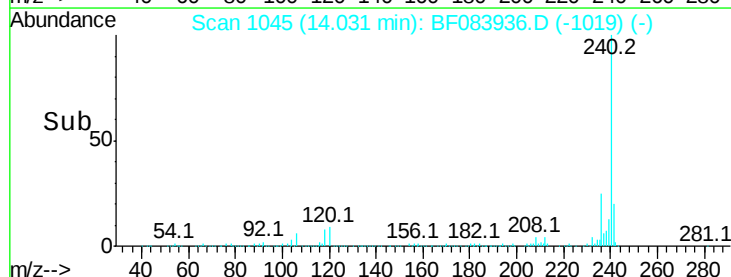
236 25.4 20.6 31.0

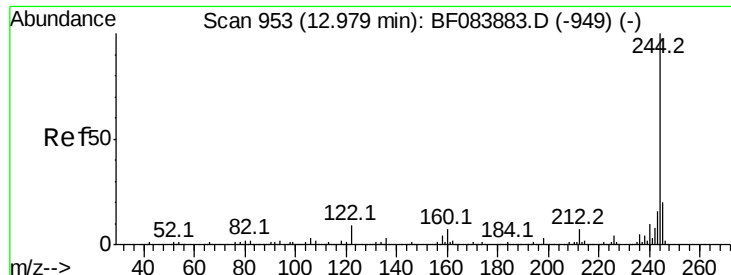


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.26 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083936.D

Acq: 19 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

W-04

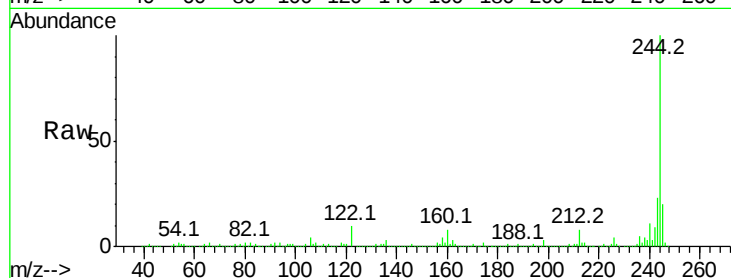
Tot Ion:244 Resp: 729003

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

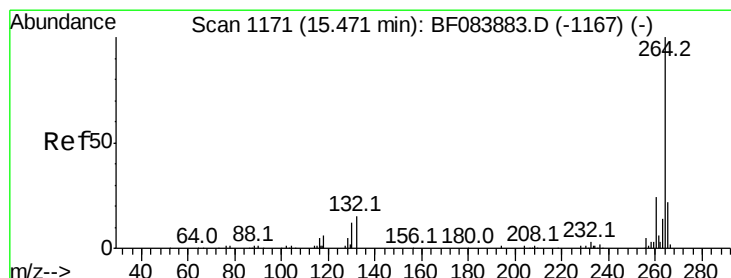
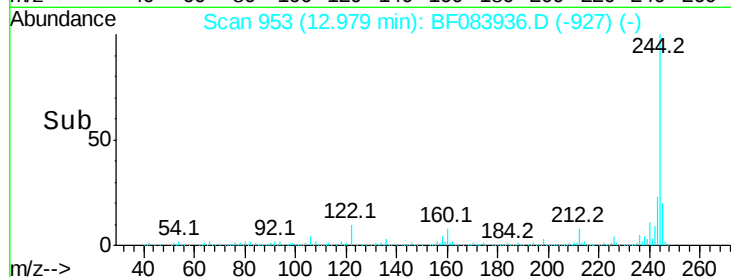
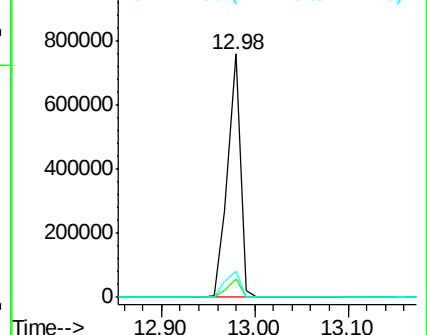
122 10.4 7.4 11.0



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: BF083936.D

Acq: 19 Dec 2015 2:25

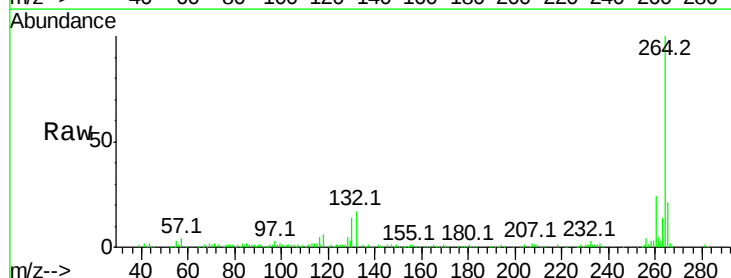
Tgt Ion:264 Resp: 159437

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.3 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

