

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082937.D
 Acq On : 14 Nov 2015 11:33
 Operator : UM/IZ
 Sample : PB86619TB
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86619TB

Quant Time: Nov 16 01:11:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	179531	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	658467	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	342535	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	552351	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	404945	20.00	ng	-0.06
86) Perylene-d12	15.38	264	379766	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1398147	121.17	ng	-0.01
7) Phenol-d6	6.46	99	1544945	100.72	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1037878	68.58	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	318434	81.08	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1755745	73.46	ng	-0.05
78) Terphenyl-d14	12.92	244	1514942	88.73	ng	-0.04

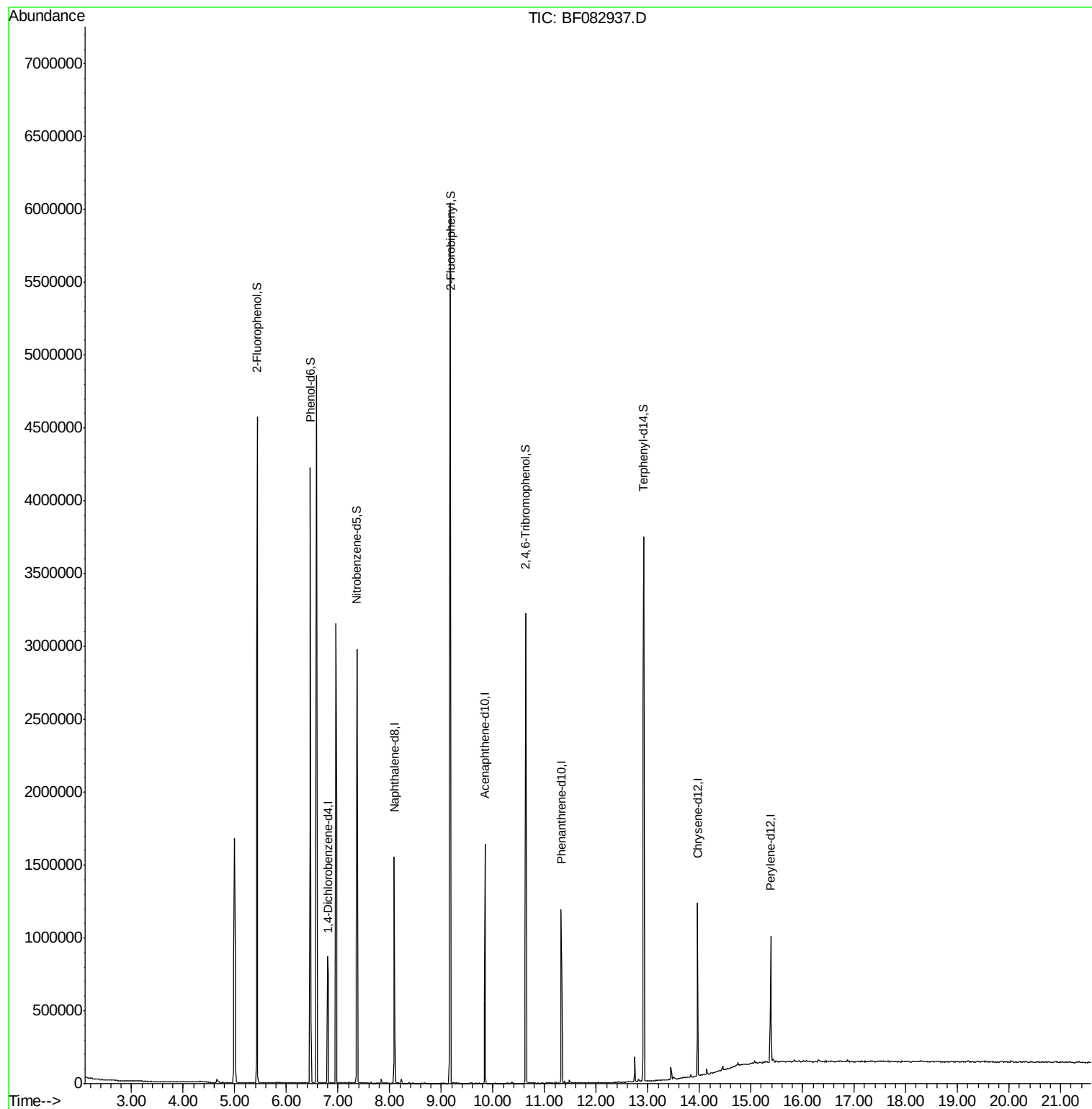
Target Compounds	Qvalue
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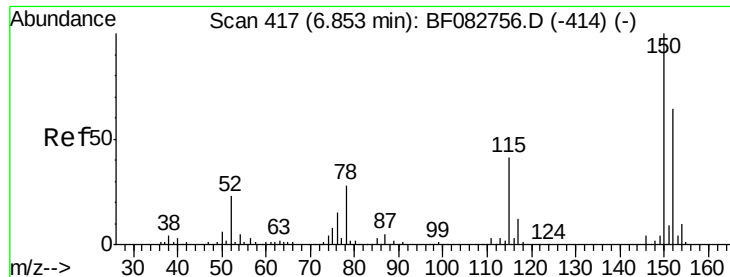
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082937.D

Acq: 14 Nov 2015 11:33

Instrument :

BNA_F

ClientSampleId :

PB86619TB

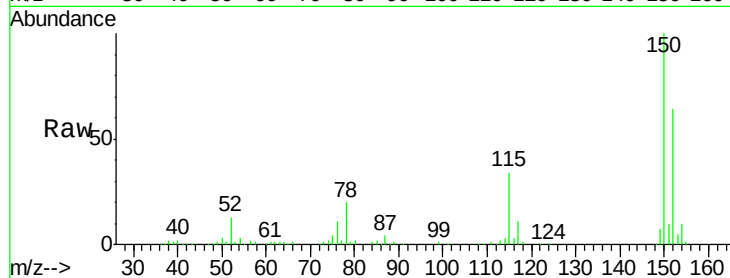
Tgt Ion:152 Resp: 179531

Ion Ratio Lower Upper

152 100

150 155.5 127.0 190.4

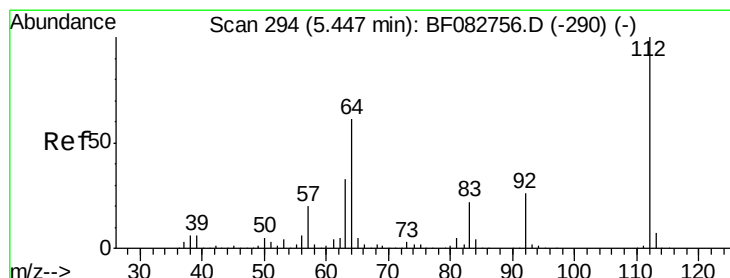
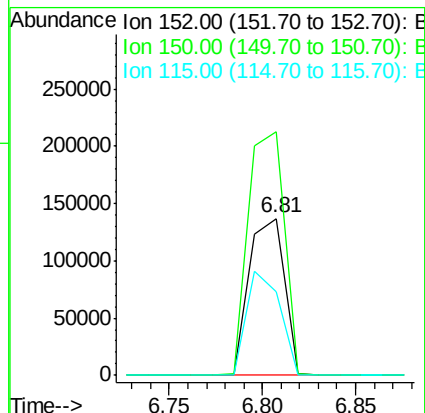
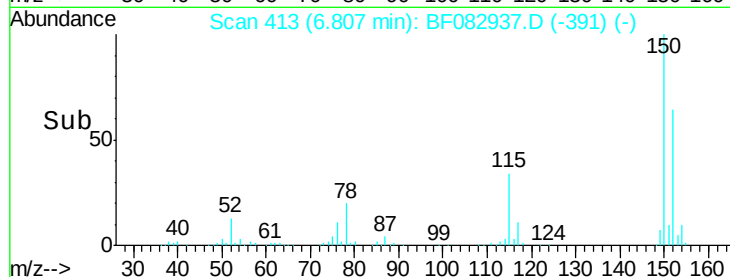
115 53.1 47.0 70.6



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: 121.17 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082937.D

Acq: 14 Nov 2015 11:33

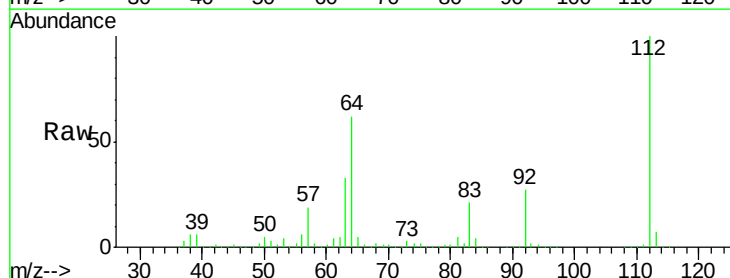
Tgt Ion:112 Resp: 1398147

Ion Ratio Lower Upper

112 100

64 62.0 48.9 73.3

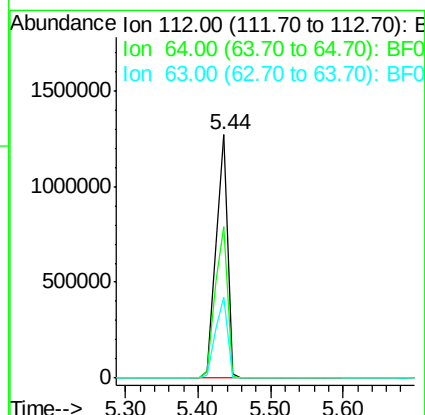
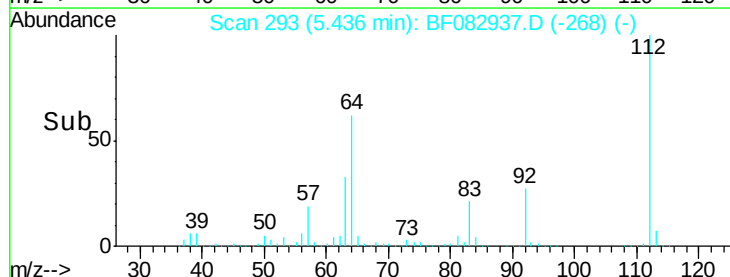
63 33.0 28.1 42.1

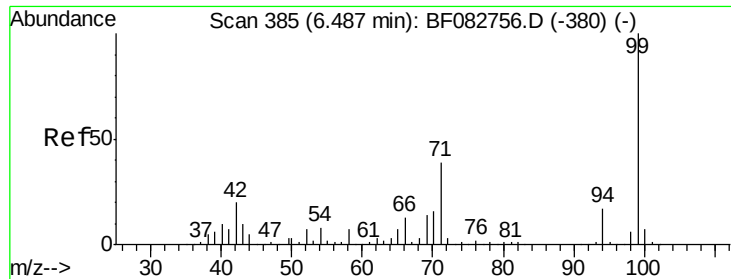


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.72 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082937.D

Acq: 14 Nov 2015 11:33

Instrument :

BNA_F

ClientSampleId :

PB86619TB

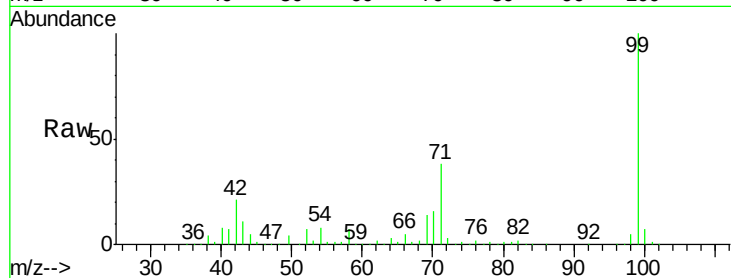
Tgt Ion: 99 Resp: 1544945

Ion Ratio Lower Upper

99 100

42 20.6 19.2 28.8

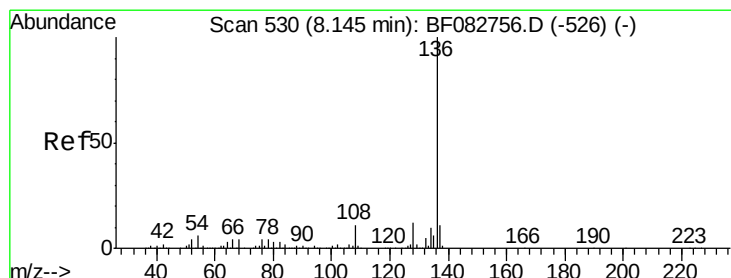
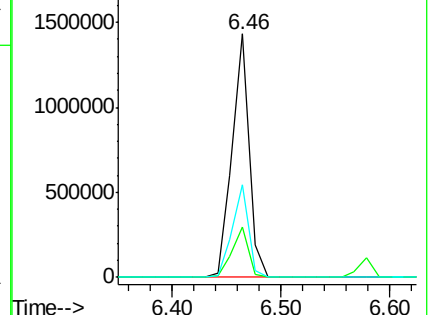
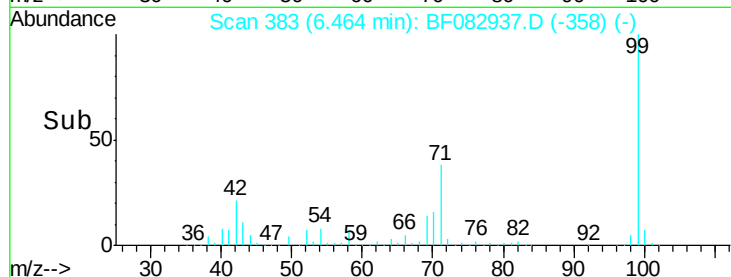
71 37.8 35.0 52.4



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: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082937.D

Acq: 14 Nov 2015 11:33

Tgt Ion: 136 Resp: 658467

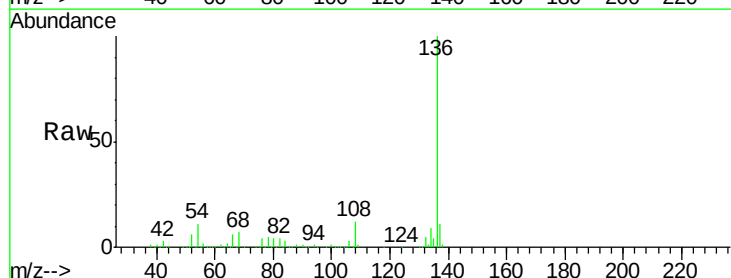
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.6 9.1 13.7

68 7.1 4.8 7.2

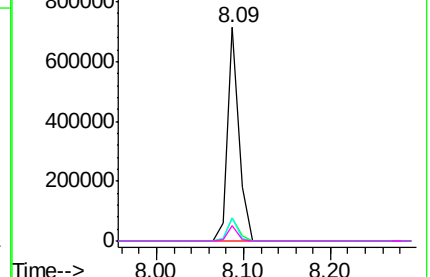
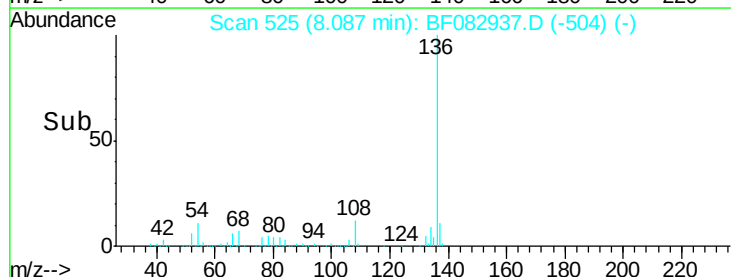


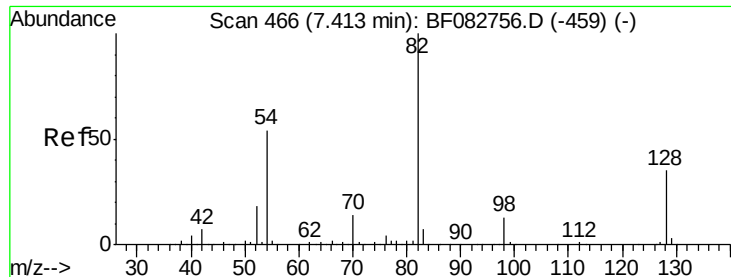
Abundance Ion 136.00 (135.70 to 136.70): E

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

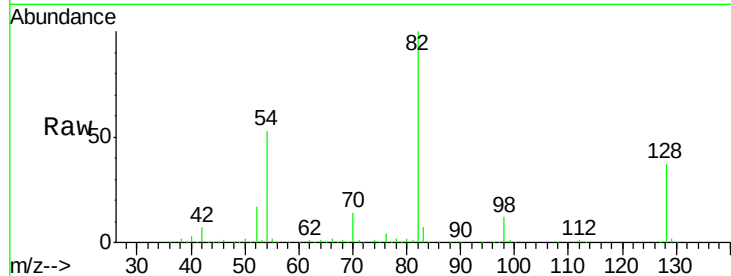




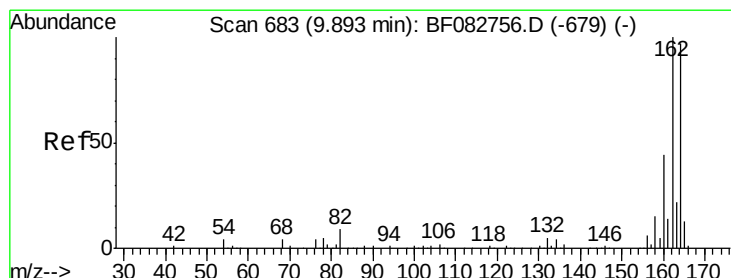
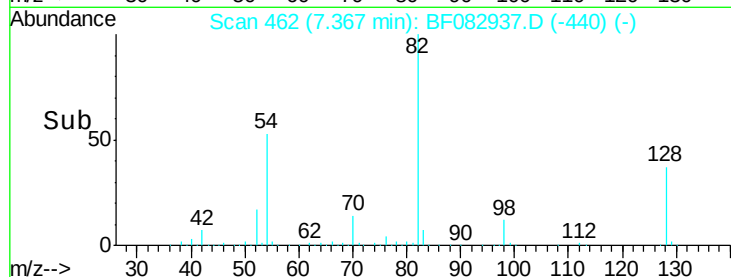
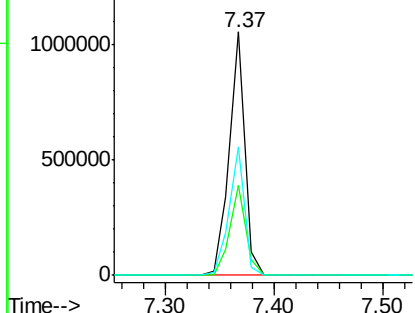
#23
 Nitrobenzene-d5
 Concen: 68.58 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082937.D
 Acq: 14 Nov 2015 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86619TB

Tgt Ion: 82 Resp: 1037878
 Ion Ratio Lower Upper
 82 100
 128 37.0 26.8 40.2
 54 53.0 45.7 68.5

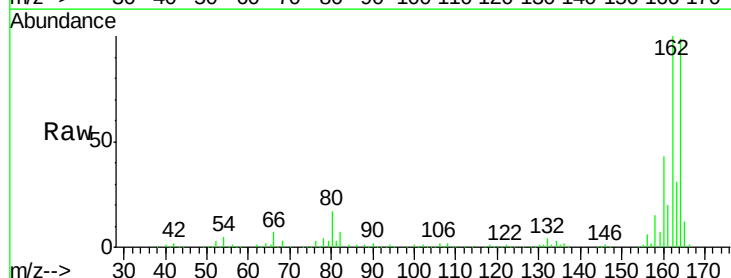


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

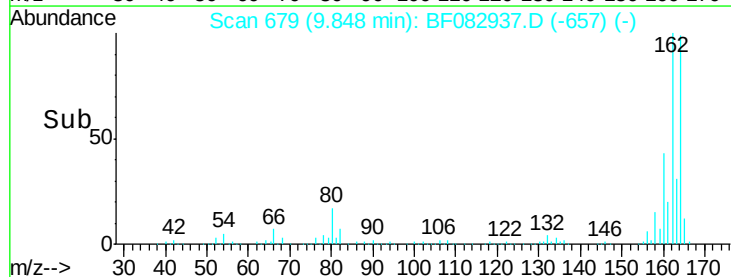
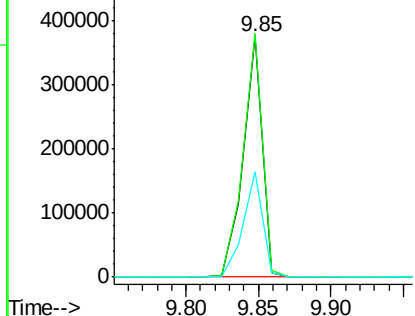


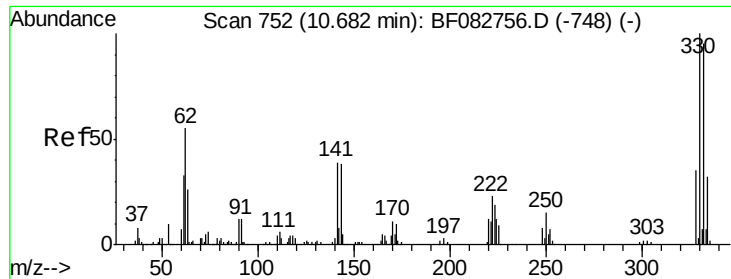
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082937.D
 Acq: 14 Nov 2015 11:33

Tgt Ion: 164 Resp: 342535
 Ion Ratio Lower Upper
 164 100
 162 101.1 84.9 127.3
 160 43.8 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

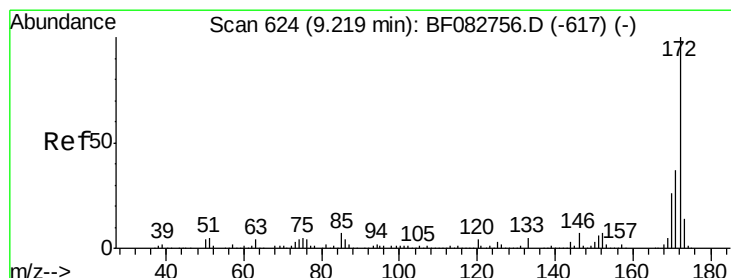
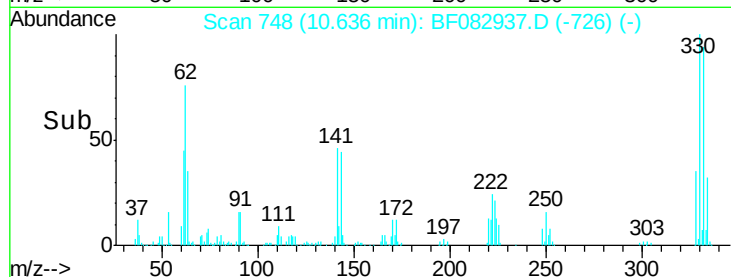
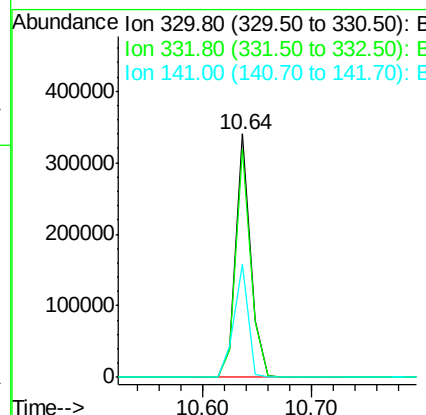
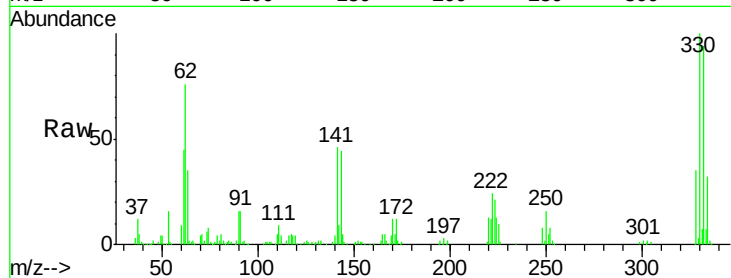




#41
 2,4,6-Tribromophenol
 Concen: 81.08 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082937.D
 Acq: 14 Nov 2015 11:33

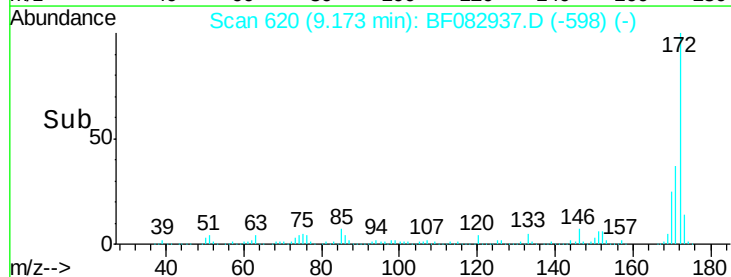
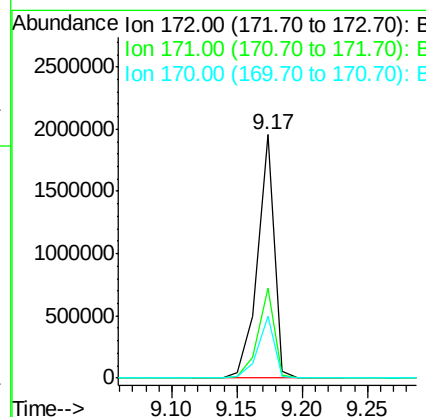
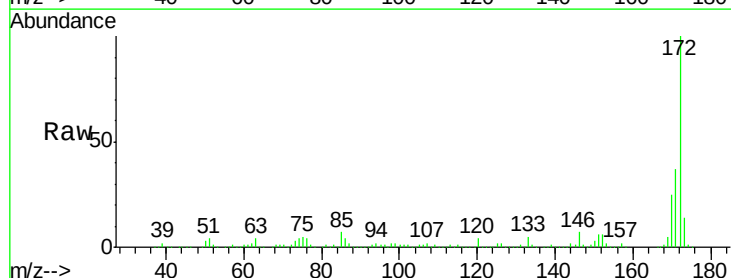
Instrument :
 BNA_F
 ClientSampleId :
 PB86619TB

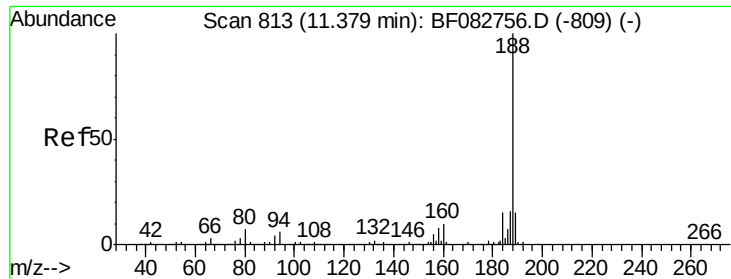
Tgt Ion:330 Resp: 318434
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 44.6 41.2 61.8



#44
 2-Fluorobiphenyl
 Concen: 73.46 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082937.D
 Acq: 14 Nov 2015 11:33

Tgt Ion:172 Resp: 1755745
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 25.3 21.2 31.8

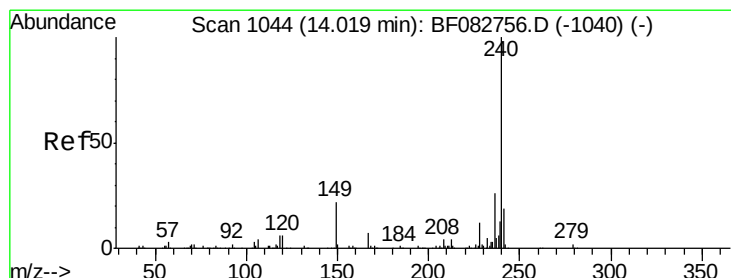
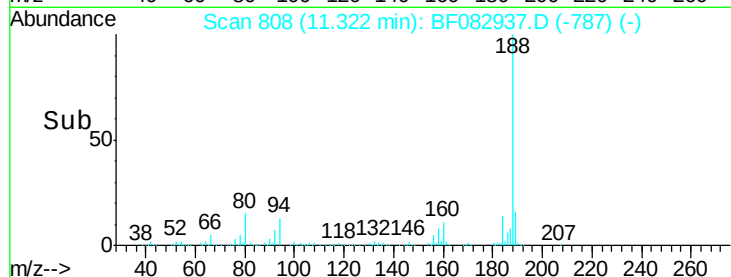
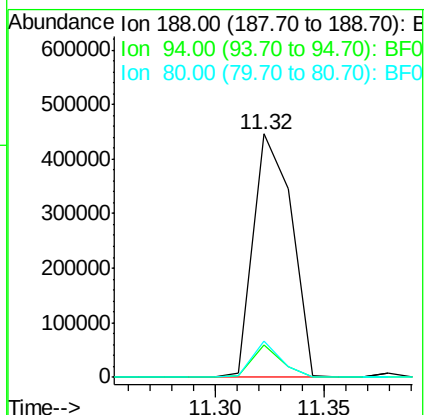
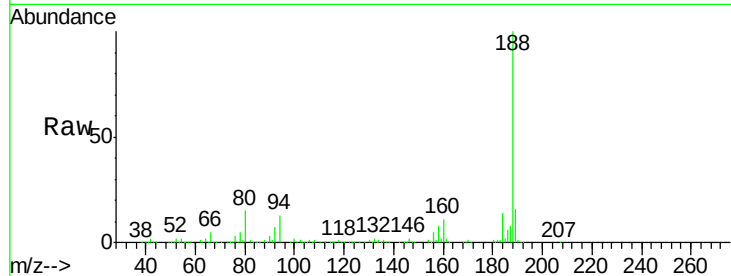




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082937.D
Acq: 14 Nov 2015 11:33

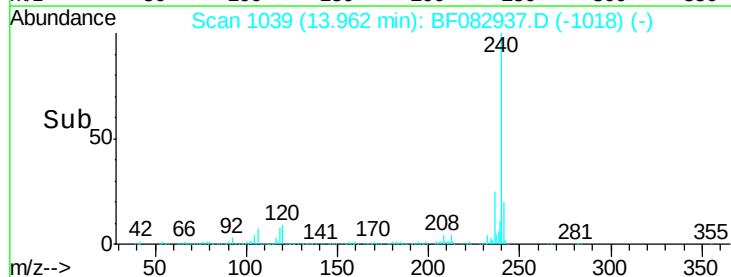
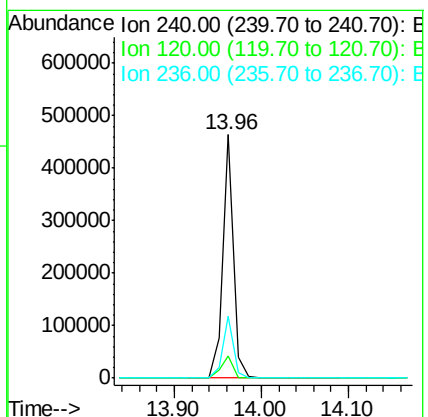
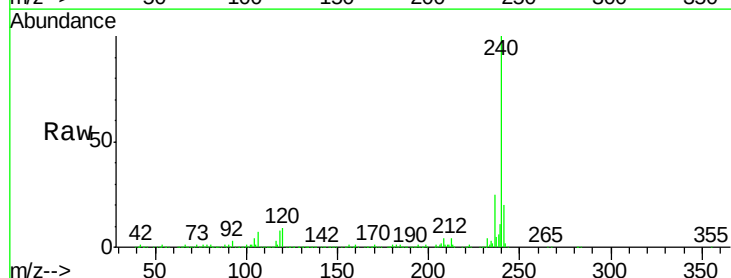
Instrument :
BNA_F
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PB86619TB

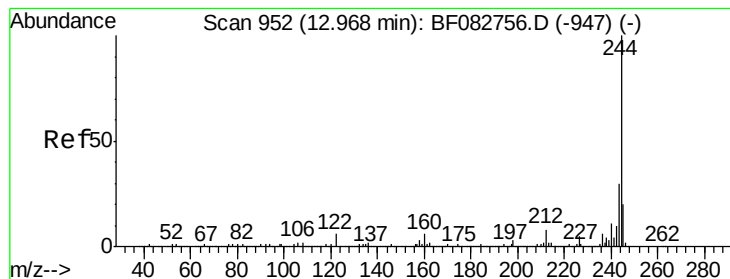
Tgt Ion:188 Resp: 552351
Ion Ratio Lower Upper
188 100
94 13.3 6.1 9.1#
80 15.0 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082937.D
Acq: 14 Nov 2015 11:33

Tgt Ion:240 Resp: 404945
Ion Ratio Lower Upper
240 100
120 9.1 10.9 16.3#
236 25.4 21.6 32.4





#78

Terphenyl-d14

Concen: 88.73 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082937.D

Acq: 14 Nov 2015 11:33

Instrument :

BNA_F

ClientSampleId :

PB86619TB

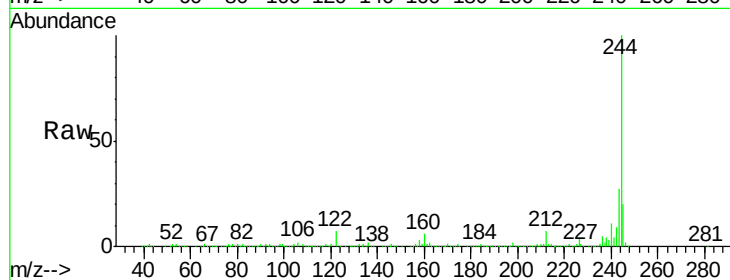
Tgt Ion:244 Resp: 1514942

Ion Ratio Lower Upper

244 100

212 7.3 7.6 11.4#

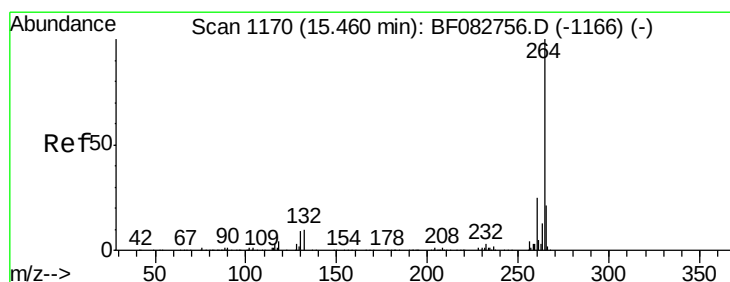
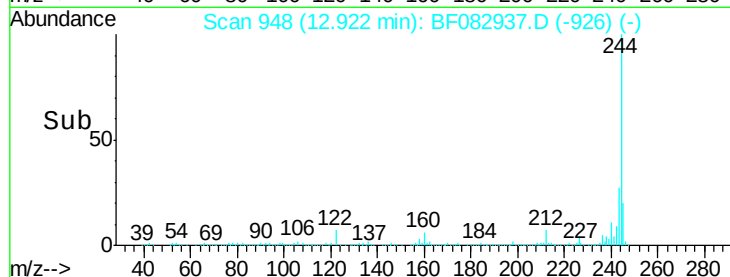
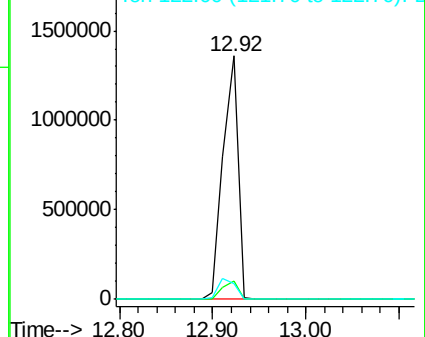
122 6.6 11.3 16.9#



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: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF082937.D

Acq: 14 Nov 2015 11:33

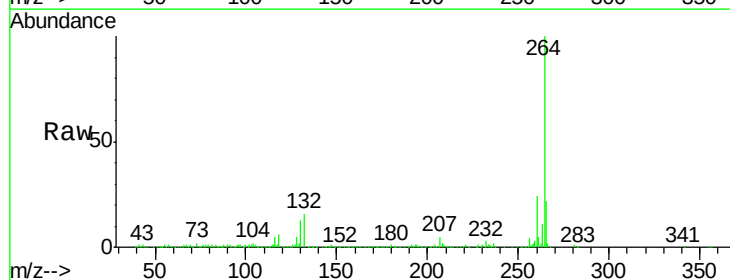
Tgt Ion:264 Resp: 379766

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 22.1 17.4 26.0



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

