

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
 Data File : BF082659.D
 Acq On : 3 Nov 2015 14:28
 Operator : UM/IZ
 Sample : PB86403TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86403TB

Quant Time: Nov 04 03:34:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	187038	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	716465	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	343142	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	708256	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	686492	20.00	ng	0.00
86) Perylene-d12	15.53	264	508396	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1289641	103.85	ng	0.01
7) Phenol-d6	6.51	99	1957680	118.66	ng	0.00
23) Nitrobenzene-d5	7.44	82	1116343	63.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	463870	123.52	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1864193	77.13	ng	-0.01
78) Terphenyl-d14	13.00	244	2334705	74.43	ng	0.00

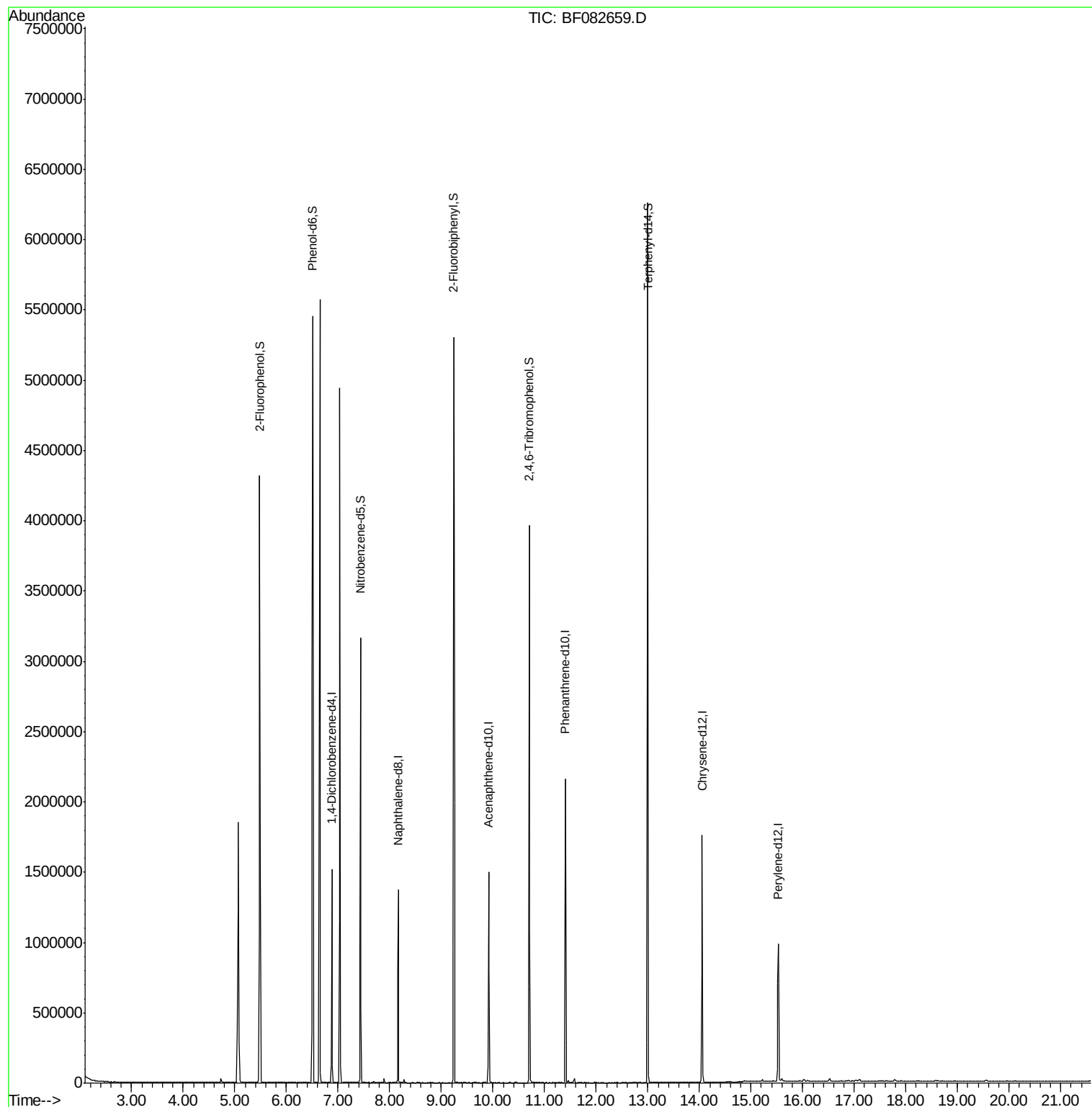
Target Compounds Qvalue

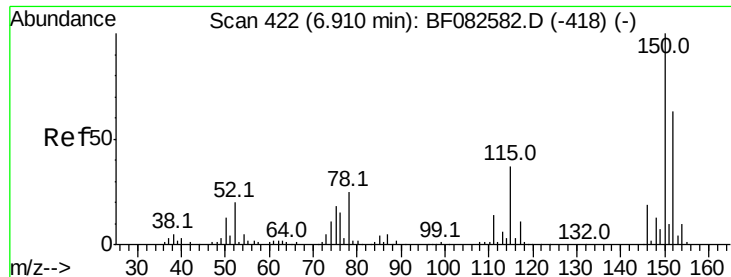
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082659.D

Acq: 3 Nov 2015 14:28

Instrument :

BNA_F

ClientSampleId :

PB86403TB

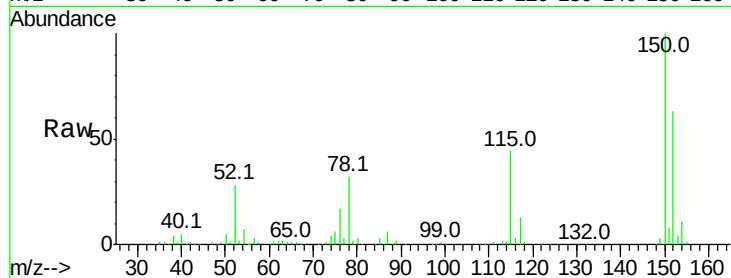
Tot Ion:152 Resp: 187038

Ion Ratio Lower Upper

152 100

150 158.4 127.0 190.4

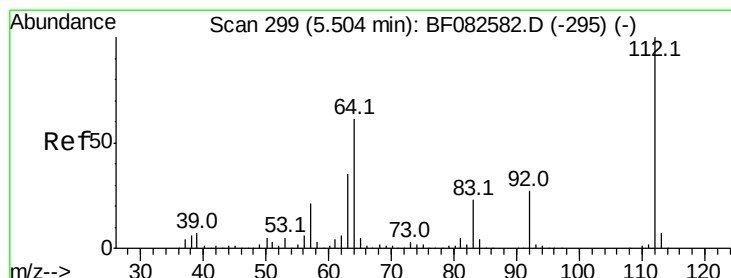
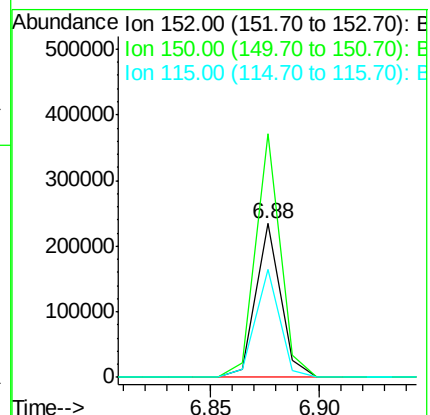
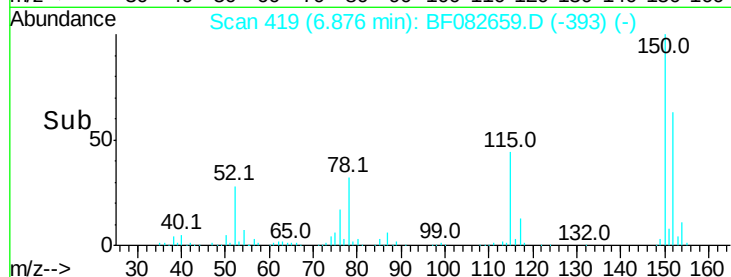
115 70.1 47.0 70.6



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: 103.85 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082659.D

Acq: 3 Nov 2015 14:28

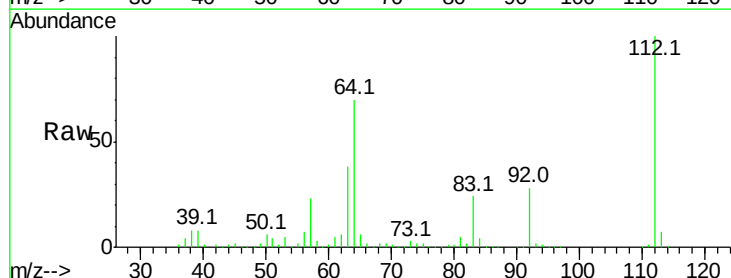
Tgt Ion:112 Resp: 1289641

Ion Ratio Lower Upper

112 100

64 70.0 48.9 73.3

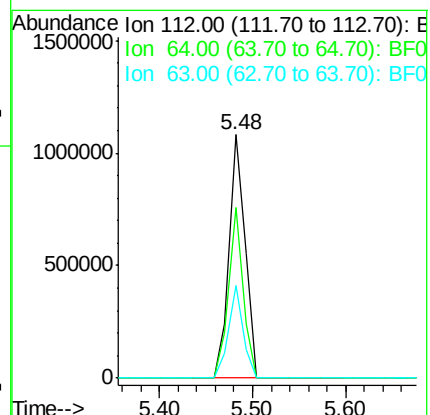
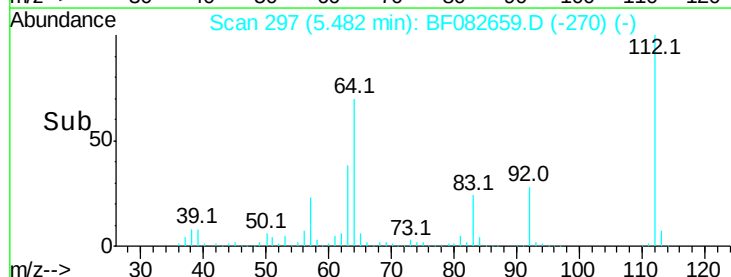
63 37.8 28.1 42.1

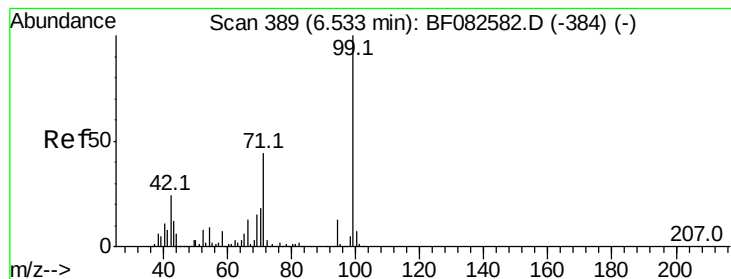


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.66 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082659.D

Acq: 3 Nov 2015 14:28

Instrument :

BNA_F

ClientSampleId :

PB86403TB

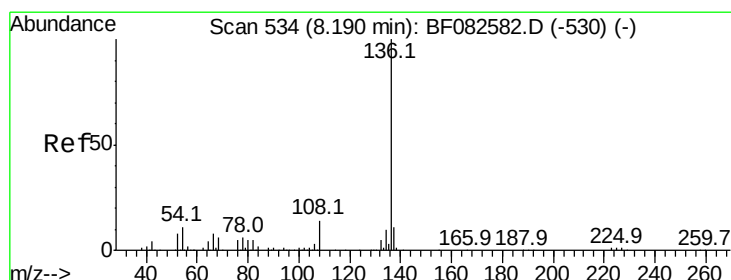
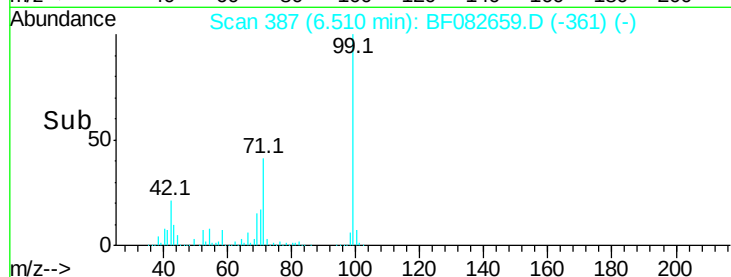
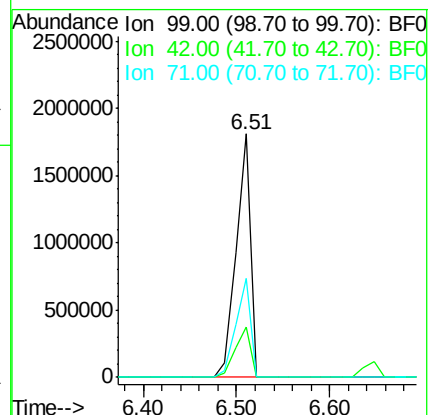
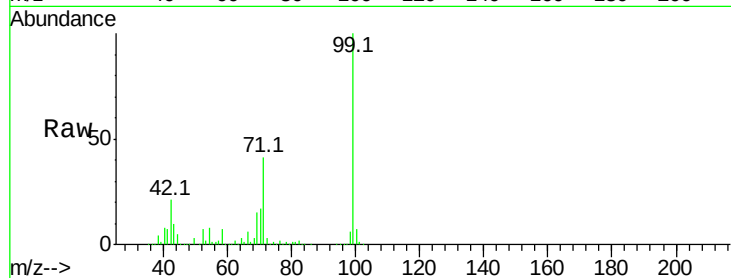
Tot Ion: 99 Resp: 1957680

Ion Ratio Lower Upper

99 100

42 20.9 19.2 28.8

71 40.8 35.0 52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF082659.D

Acq: 3 Nov 2015 14:28

Tgt Ion: 136 Resp: 716465

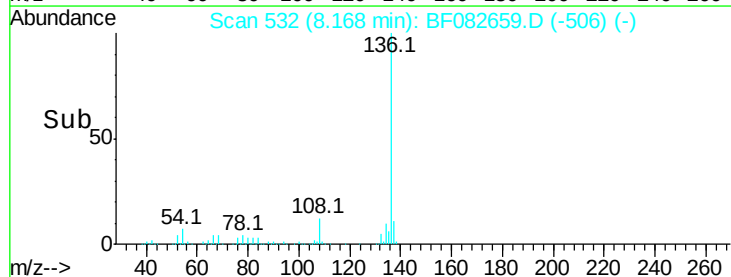
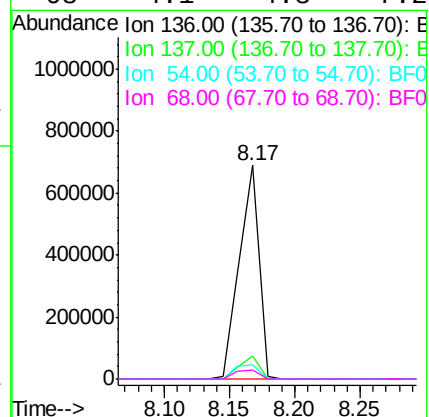
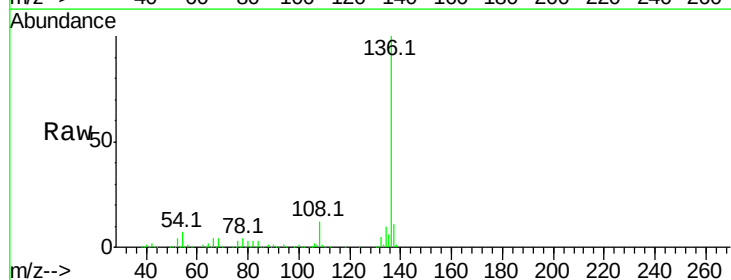
Ion Ratio Lower Upper

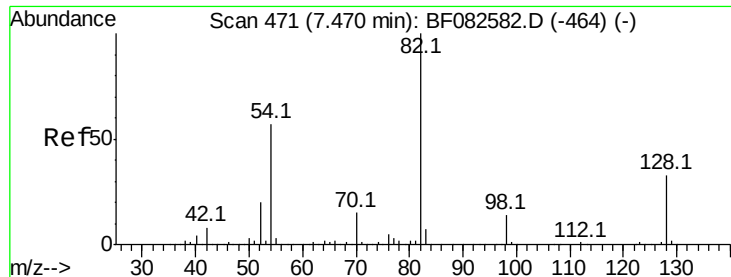
136 100

137 10.8 9.1 13.7

54 6.6 9.1 13.7#

68 4.1 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 63.63 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF082659.D

Acq: 3 Nov 2015 14:28

Instrument :

BNA_F

ClientSampleId :

PB86403TB

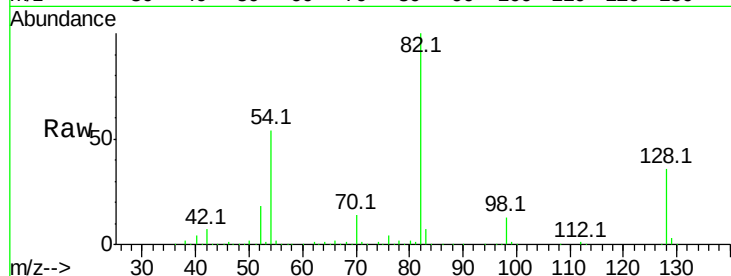
Tot Ion: 82 Resp: 1116343

Ion Ratio Lower Upper

82 100

128 35.9 26.8 40.2

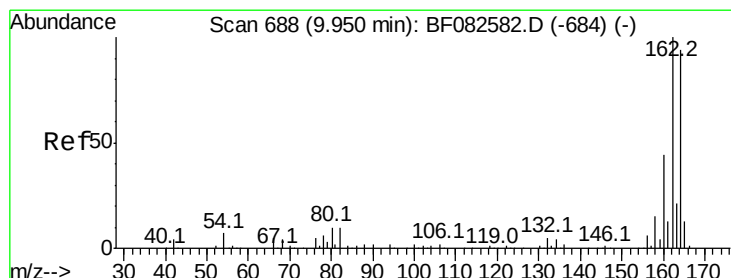
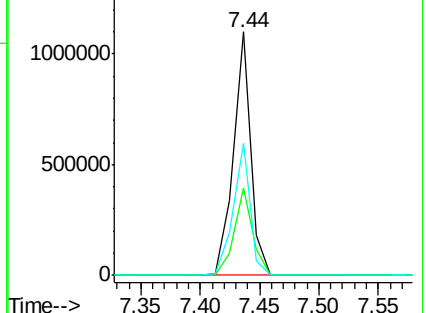
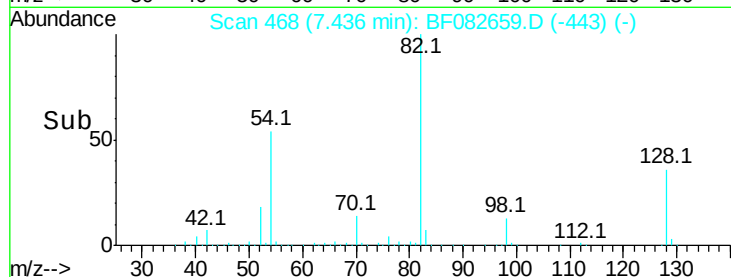
54 54.5 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF082659.D

Acq: 3 Nov 2015 14:28

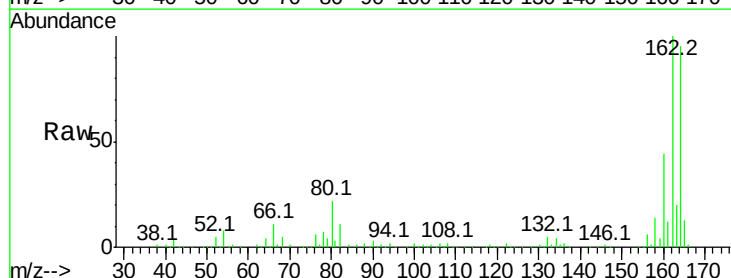
Tgt Ion:164 Resp: 343142

Ion Ratio Lower Upper

164 100

162 105.0 84.9 127.3

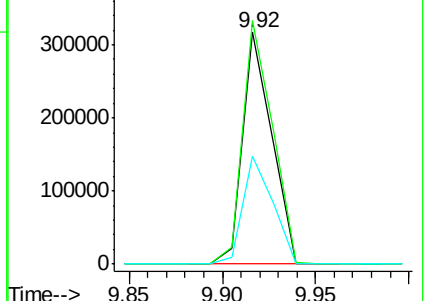
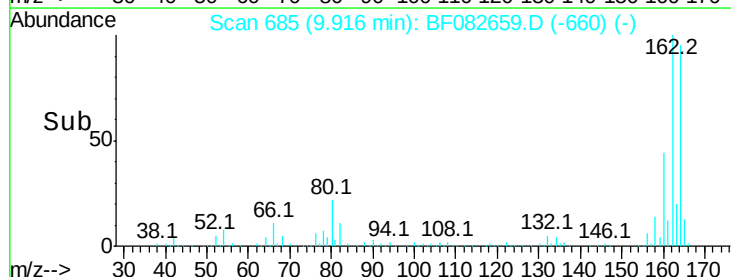
160 46.4 37.5 56.3

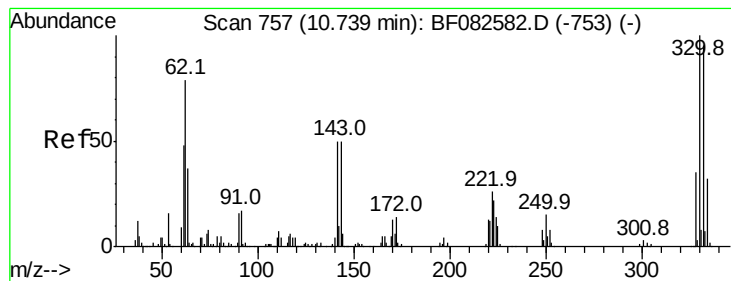


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0





#41

2,4,6-Tribromophenol

Concen: 123.52 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF082659.D

Acq: 3 Nov 2015 14:28

Instrument :

BNA_F

ClientSampleId :

PB86403TB

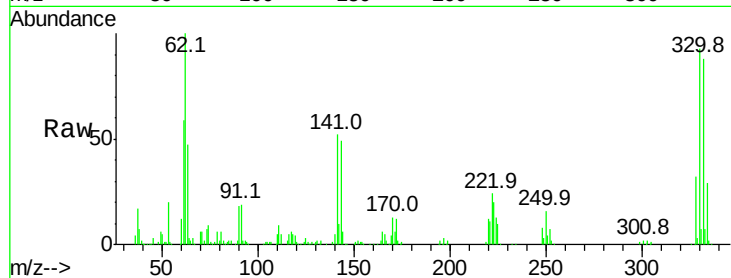
Tot Ion:330 Resp: 463870

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

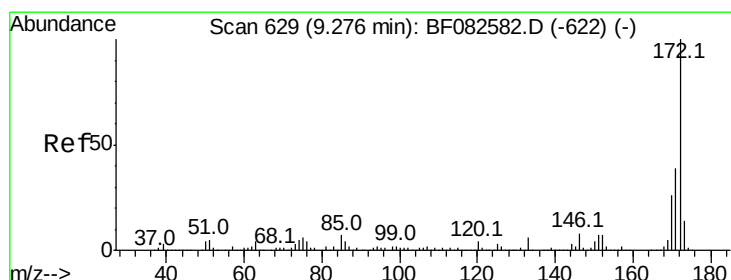
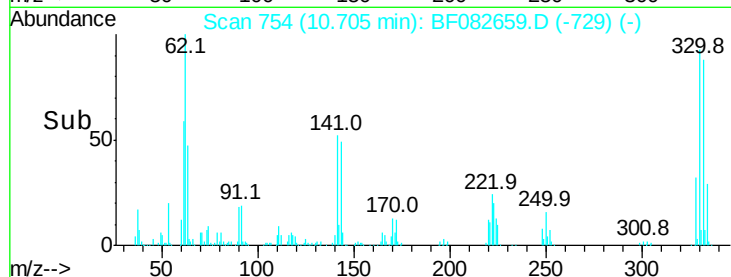
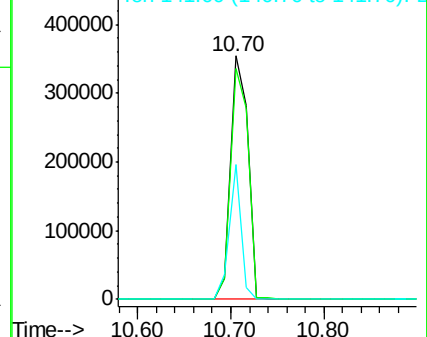
141 37.4 41.2 61.8#



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: 77.13 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF082659.D

Acq: 3 Nov 2015 14:28

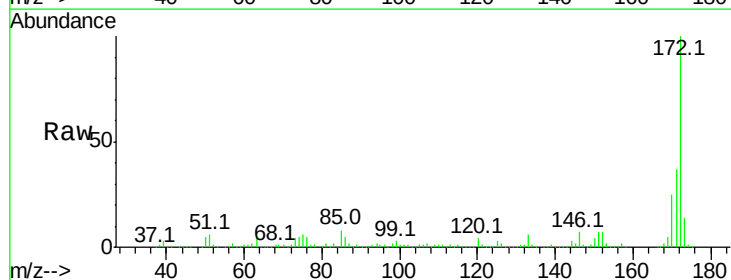
Tgt Ion:172 Resp: 1864193

Ion Ratio Lower Upper

172 100

171 37.0 30.8 46.2

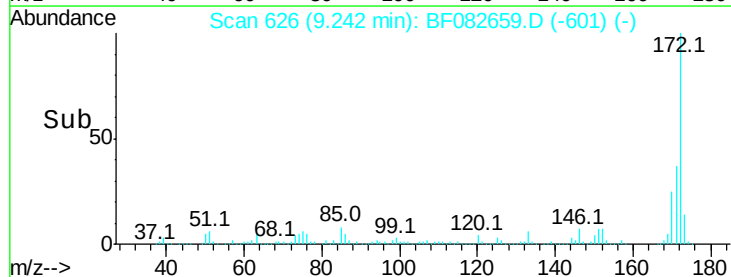
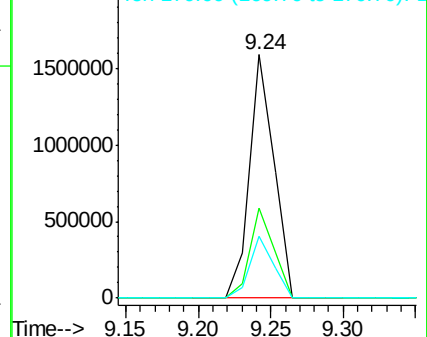
170 25.5 21.2 31.8

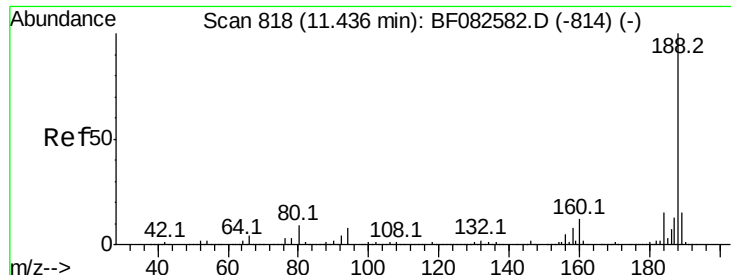


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

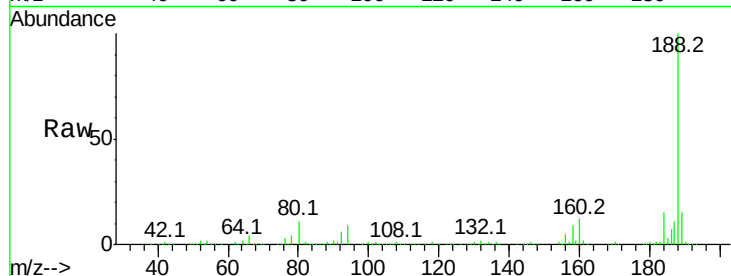




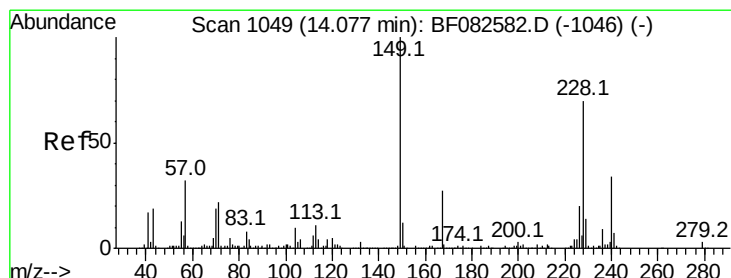
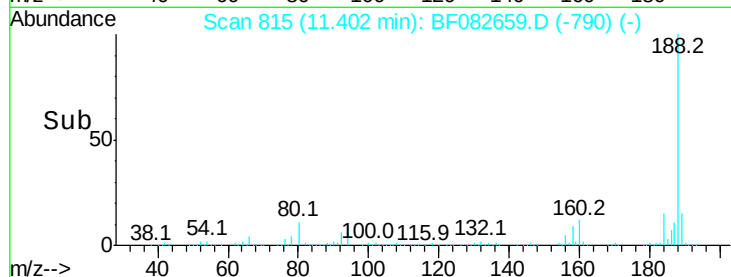
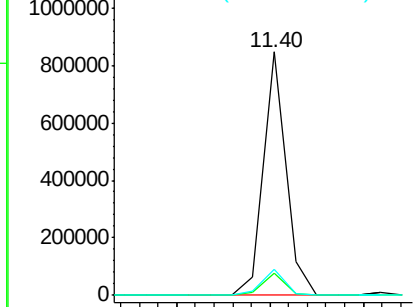
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082659.D
Acq: 3 Nov 2015 14:28

Instrument :
BNA_F
ClientSampled :
PB86403TB

Tot Ion:188 Resp: 708256
Ion Ratio Lower Upper
188 100
94 9.2 6.1 9.1#
80 10.7 7.0 10.6#

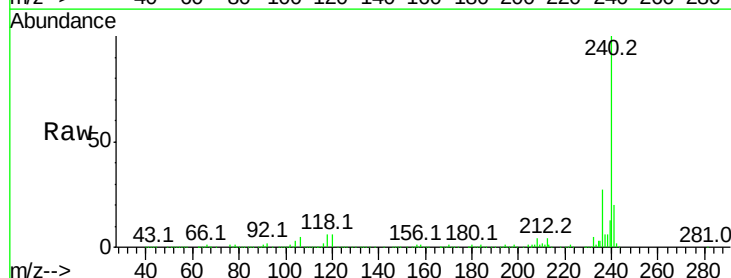


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

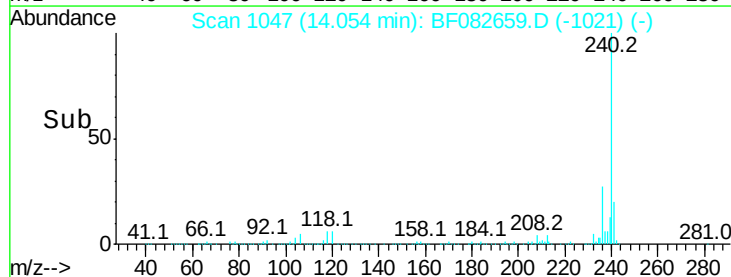
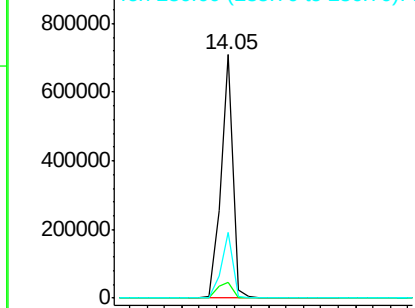


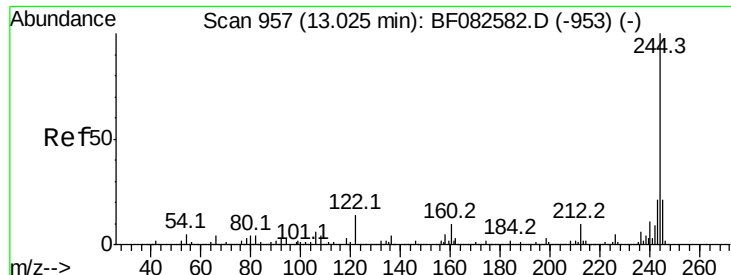
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF082659.D
Acq: 3 Nov 2015 14:28

Tgt Ion:240 Resp: 686492
Ion Ratio Lower Upper
240 100
120 6.4 10.9 16.3#
236 26.8 21.6 32.4



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: 74.43 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082659.D

Acq: 3 Nov 2015 14:28

Instrument :

BNA_F

ClientSampleId :

PB86403TB

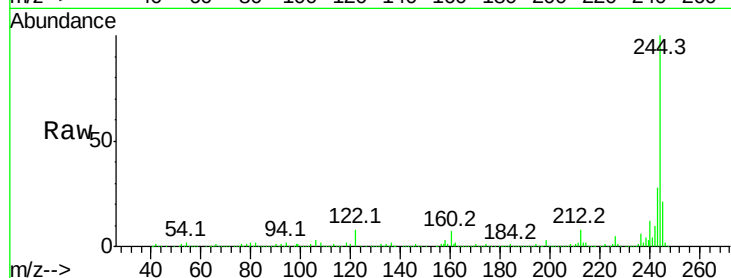
Tot Ion:244 Resp: 2334705

Ion Ratio Lower Upper

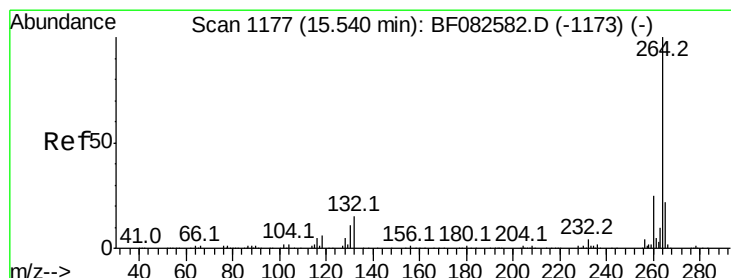
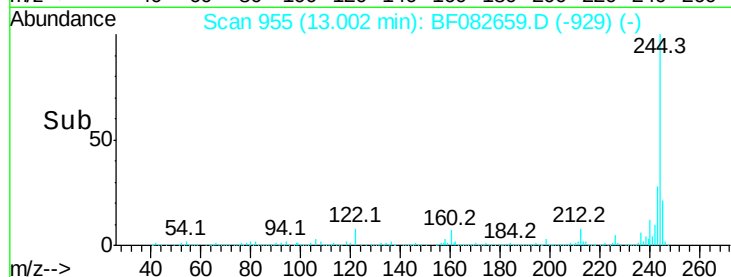
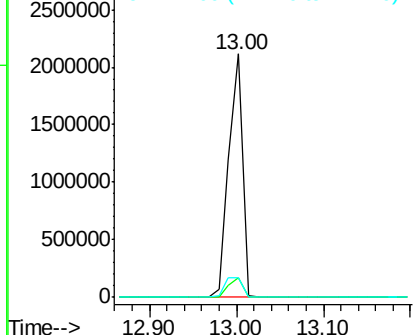
244 100

212 8.2 7.6 11.4

122 8.2 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: 15.53 min Scan# 1176

Delta R.T. 0.02 min

Lab File: BF082659.D

Acq: 3 Nov 2015 14:28

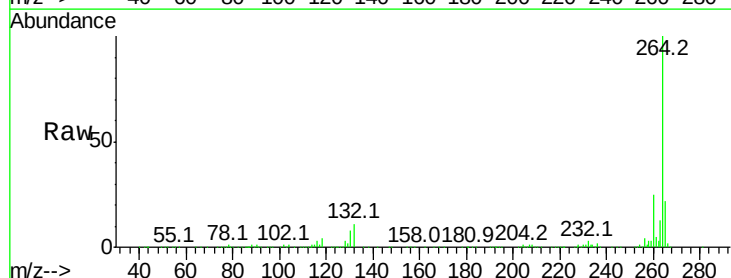
Tgt Ion:264 Resp: 508396

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.6

265 21.6 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

