

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082360.D
 Acq On : 19 Oct 2015 17:26
 Operator : UM/IZ
 Sample : PB86137TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86137TB

Quant Time: Oct 20 02:22:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99530	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	389581	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	199348	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	400580	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	367760	20.00	ng	0.00
86) Perylene-d12	15.69	264	286297	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	645642	130.92	ng	0.01
7) Phenol-d6	6.45	99	849443	132.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	481959	83.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	193009	103.24	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1075863	89.50	ng	0.00
78) Terphenyl-d14	12.95	244	1088103	78.40	ng	0.00

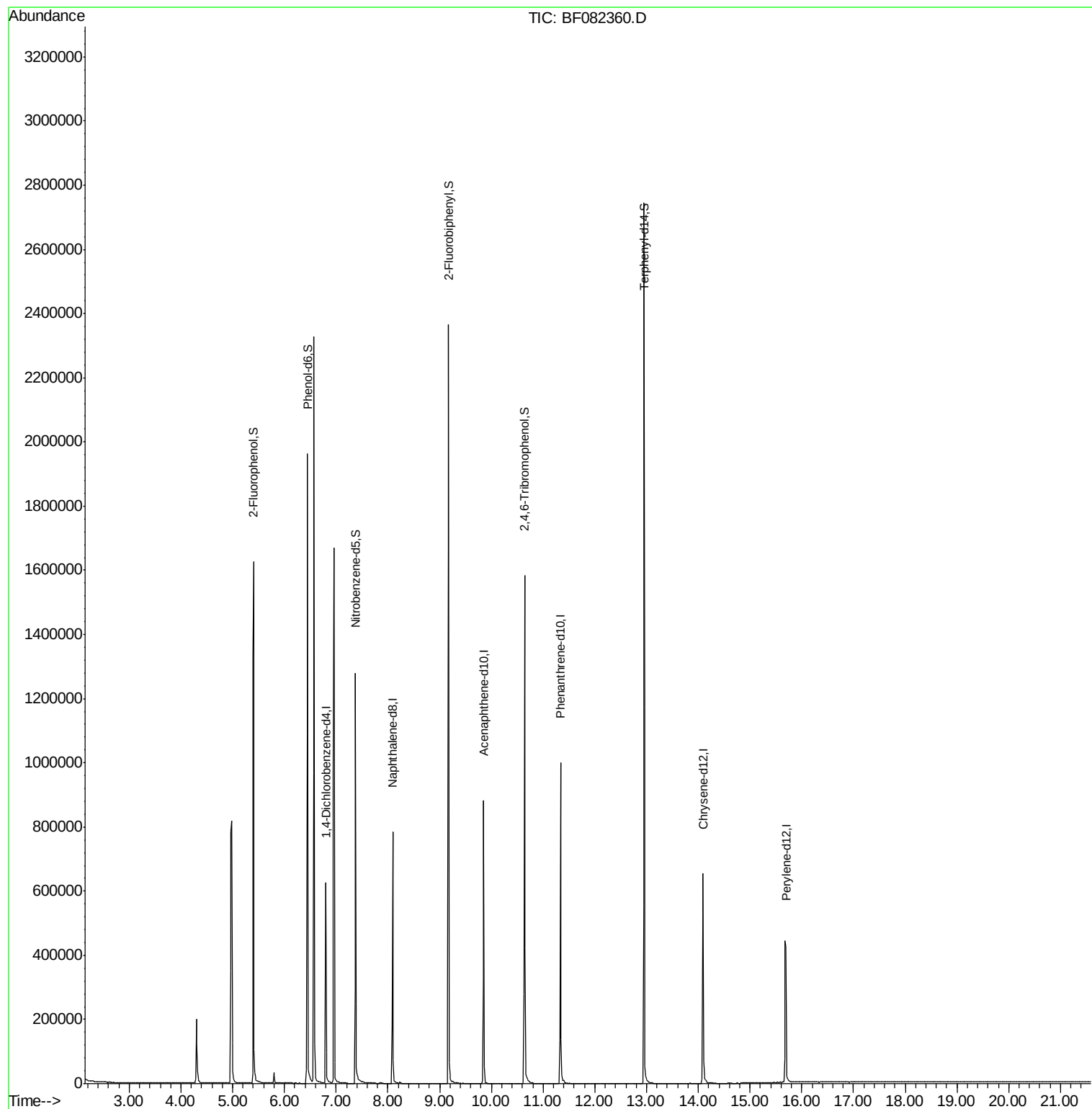
Target Compounds Qvalue

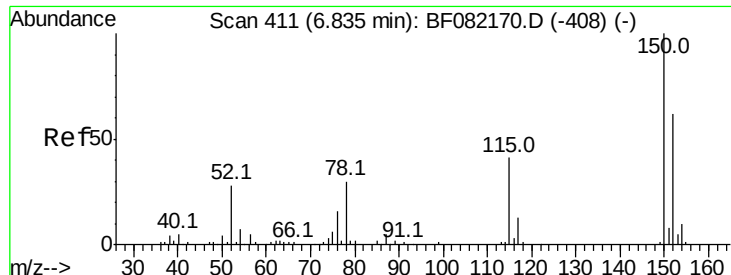
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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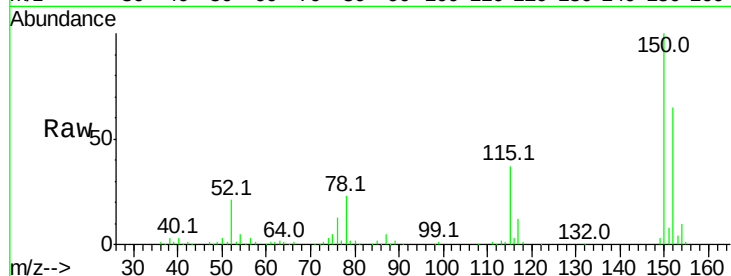


#1

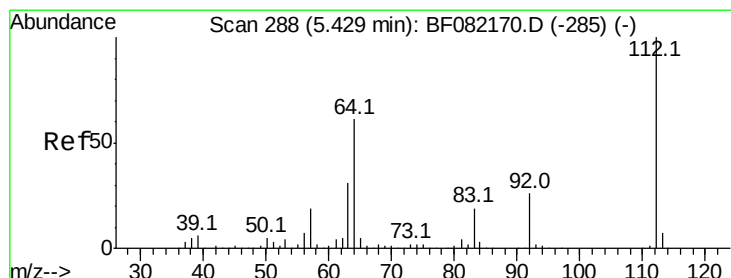
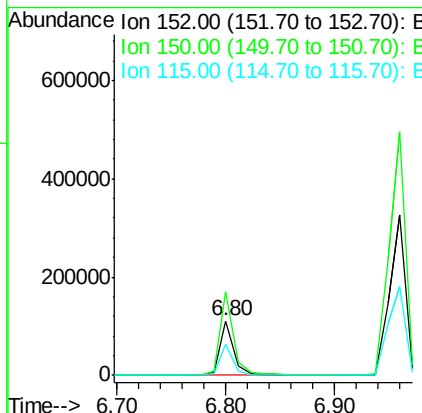
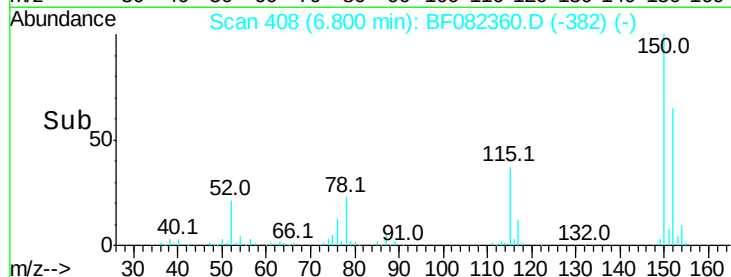
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF082360.D
Acq: 19 Oct 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB86137TB

Tot Ion:152 Resp: 99530
Ion Ratio Lower Upper
152 100
150 155.0 129.0 193.4
115 57.7 52.1 78.1



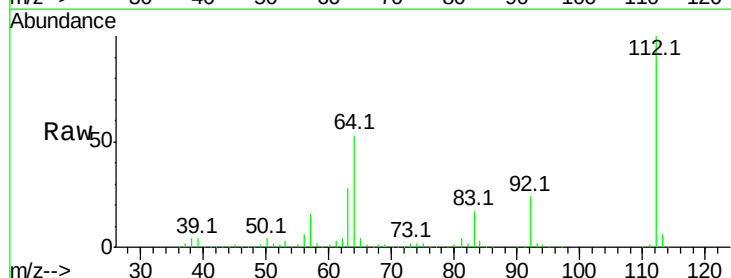
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



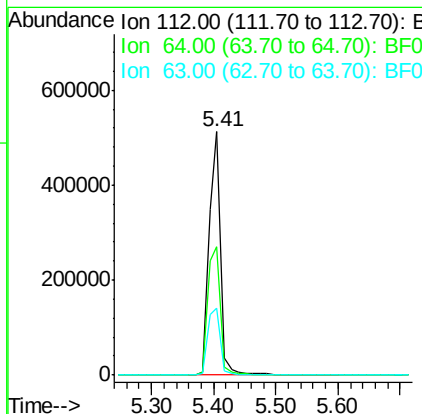
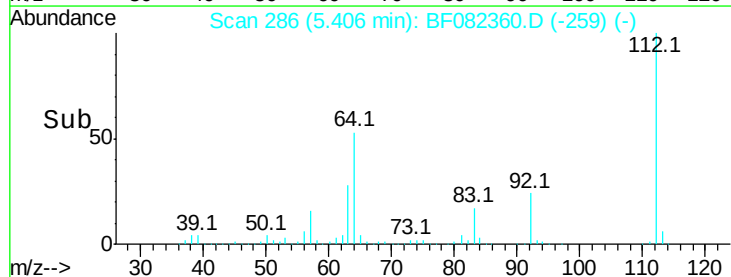
#5

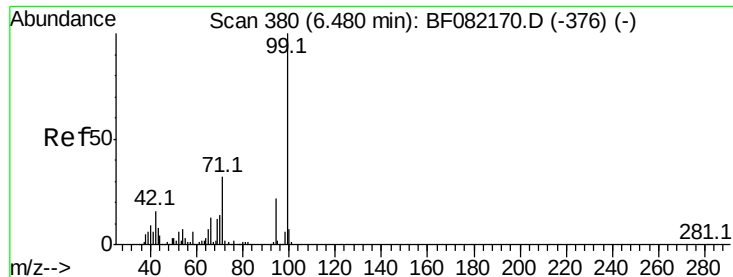
2-Fluorophenol
Concen: 130.92 ng
RT: 5.41 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF082360.D
Acq: 19 Oct 2015 17:26

Tgt Ion:112 Resp: 645642
Ion Ratio Lower Upper
112 100
64 52.7 48.6 73.0
63 27.7 25.1 37.7



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: 132.36 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB86137TB

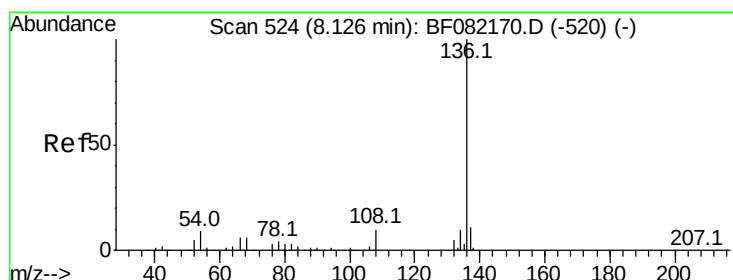
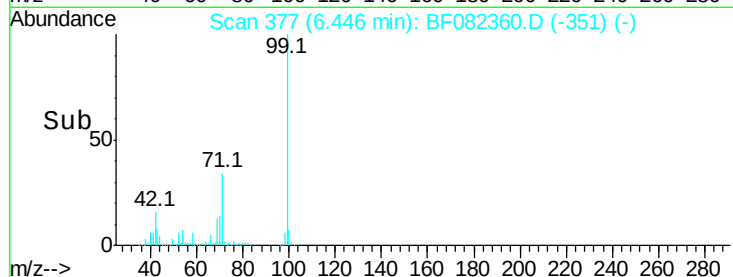
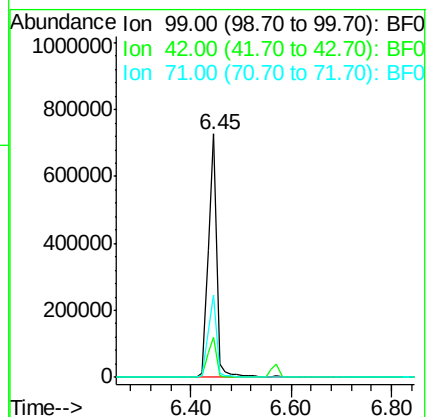
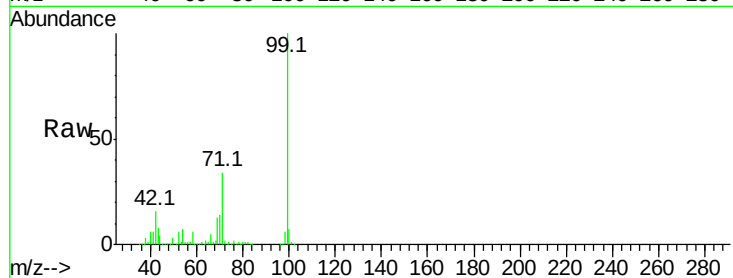
Tot Ion: 99 Resp: 849443

Ion Ratio Lower Upper

99 100

42 16.5 13.2 19.8

71 33.7 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

Tgt Ion: 136 Resp: 389581

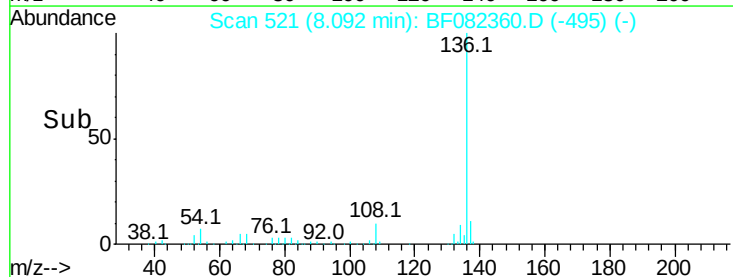
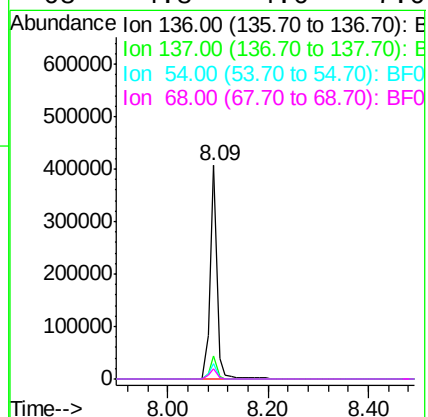
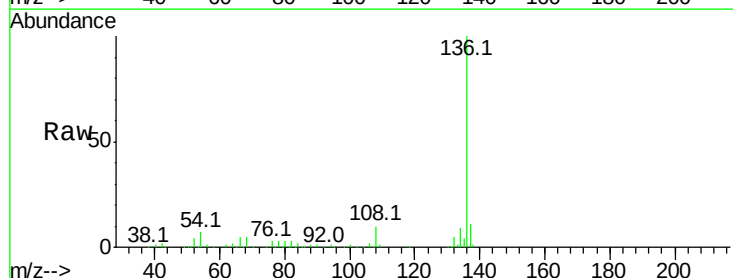
Ion Ratio Lower Upper

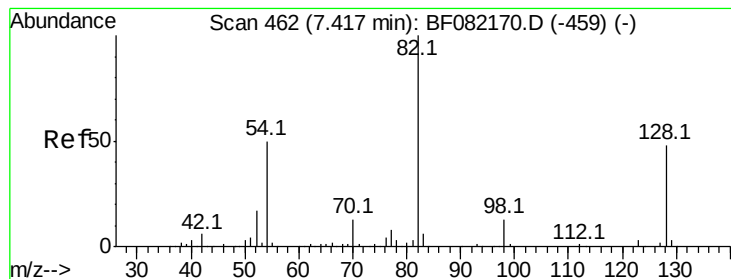
136 100

137 10.9 9.0 13.6

54 7.4 7.5 11.3#

68 4.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 83.08 ng

RT: 7.37 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB86137TB

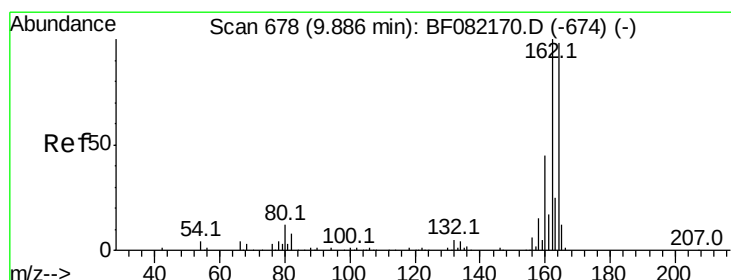
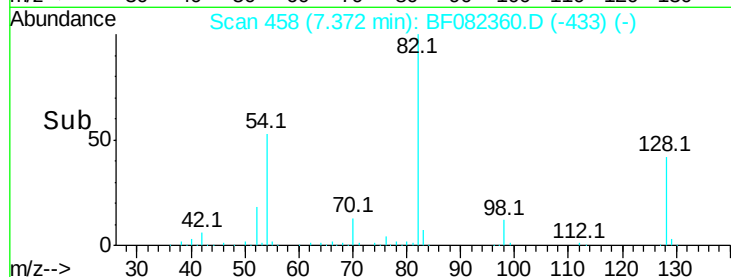
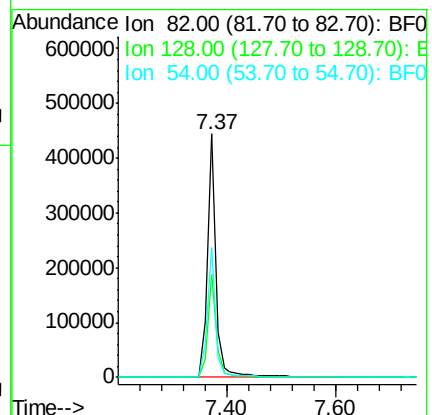
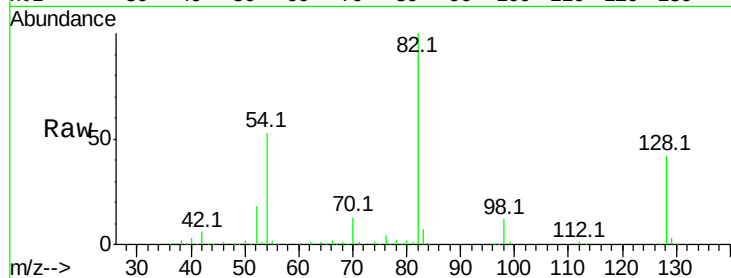
Tot Ion: 82 Resp: 481959

Ion Ratio Lower Upper

82 100

128 42.2 38.7 58.1

54 53.3 40.1 60.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

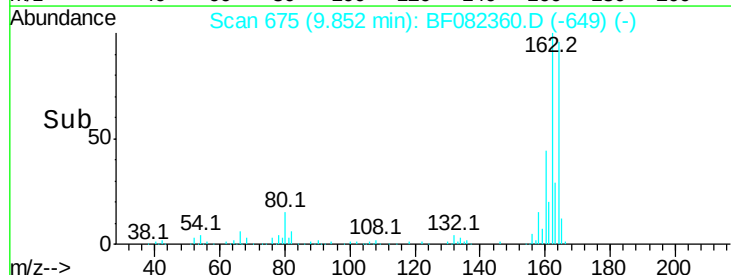
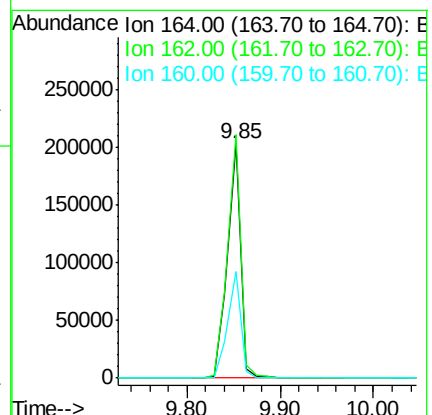
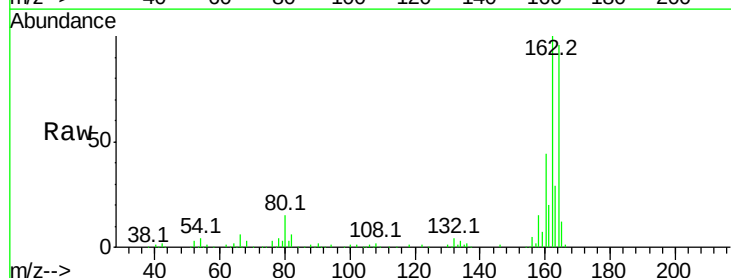
Tgt Ion: 164 Resp: 199348

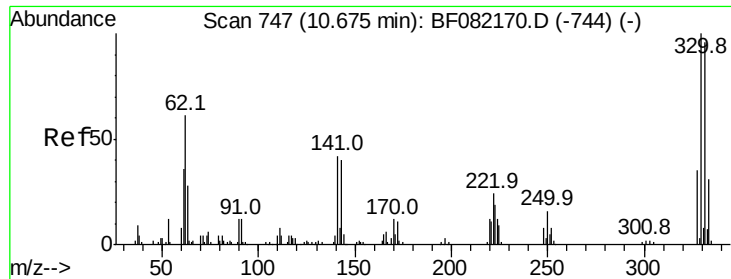
Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

160 45.7 36.4 54.6

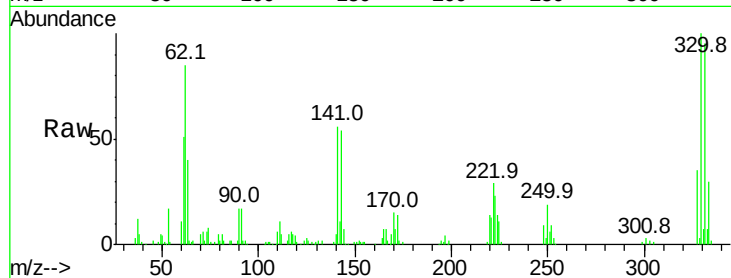




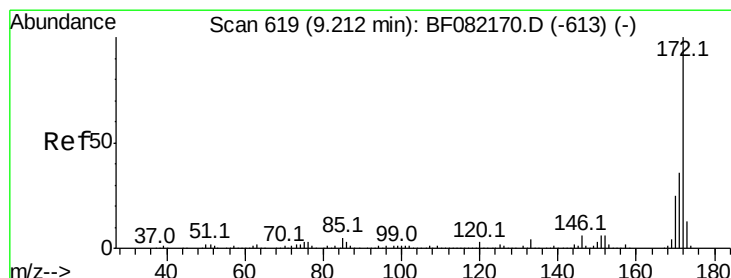
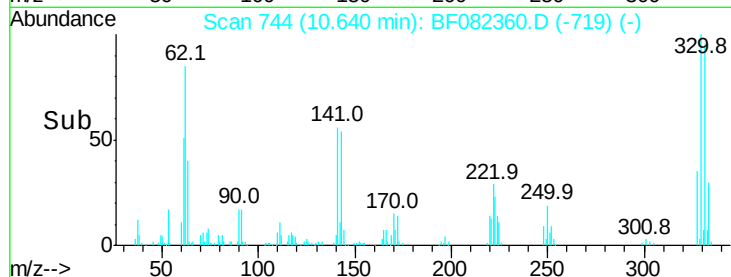
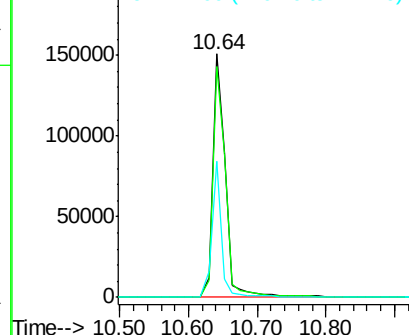
#41
 2,4,6-Tribromophenol
 Concen: 103.24 ng
 RT: 10.64 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF082360.D
 Acq: 19 Oct 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86137TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	43.5	29.8	44.8

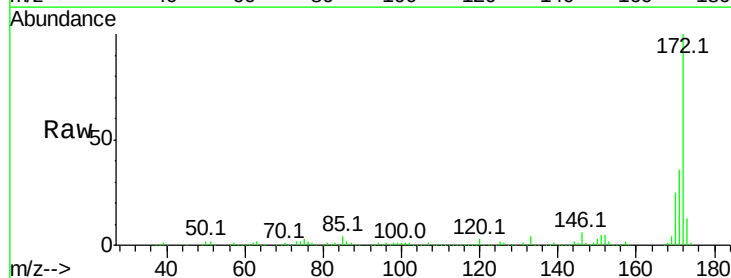


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

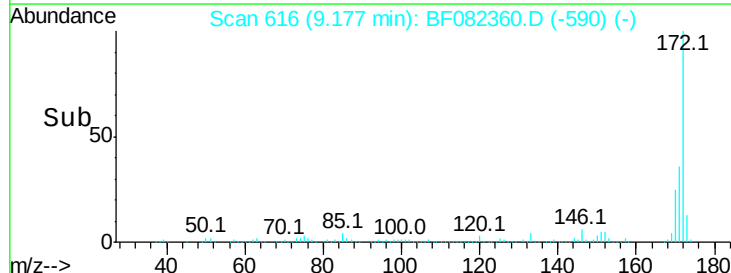
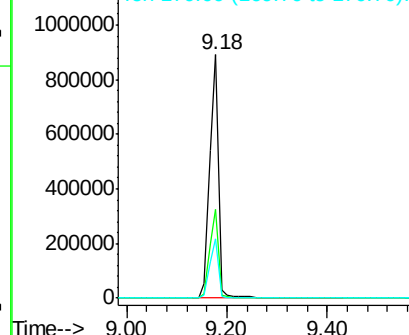


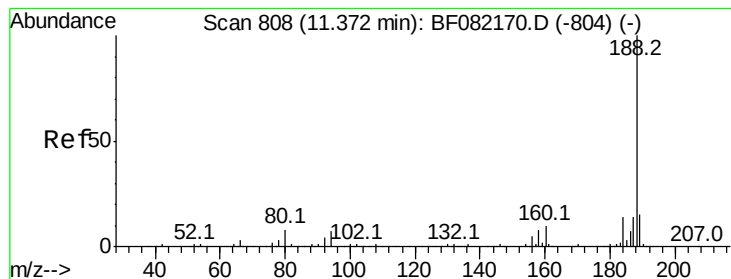
#44
 2-Fluorobiphenyl
 Concen: 89.50 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF082360.D
 Acq: 19 Oct 2015 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.6	19.7	29.5



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: 11.34 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB86137TB

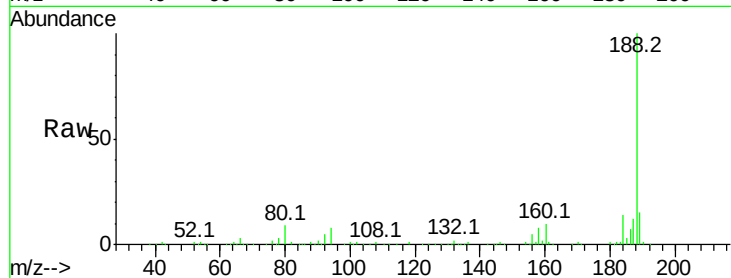
Tot Ion:188 Resp: 400580

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

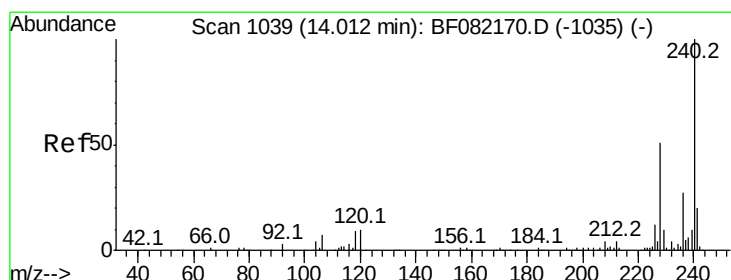
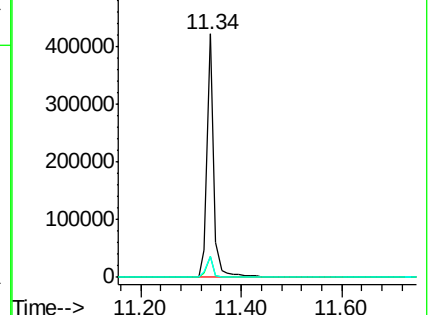
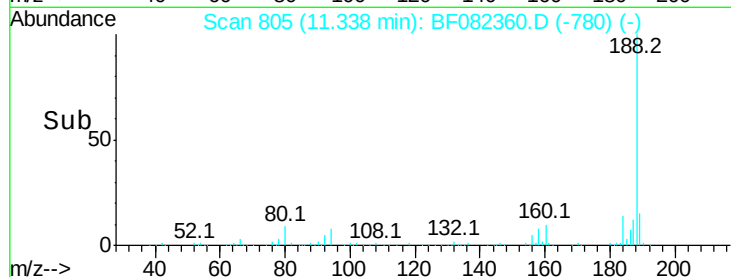
80 8.7 6.4 9.6



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: 14.09 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

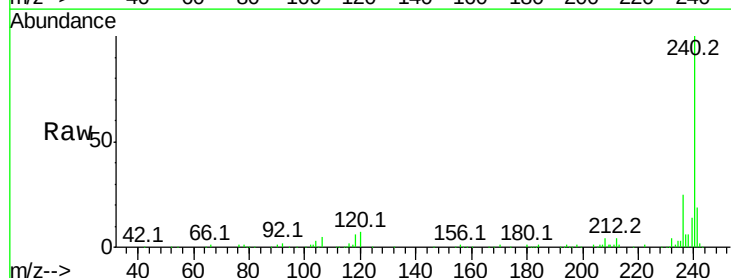
Tgt Ion:240 Resp: 367760

Ion Ratio Lower Upper

240 100

120 7.4 8.1 12.1#

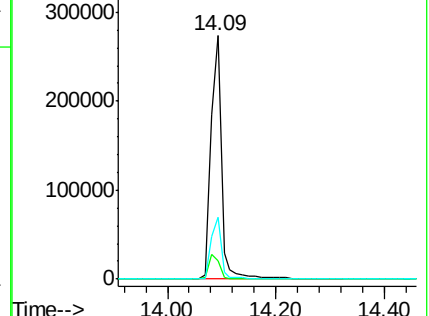
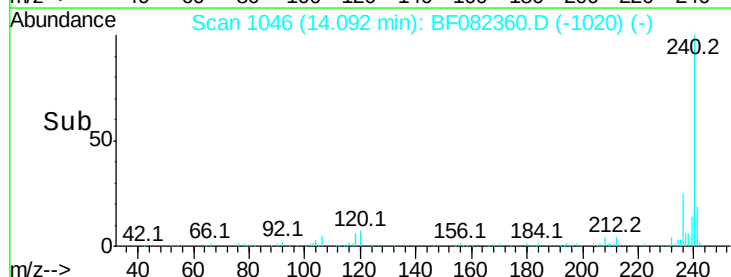
236 25.3 21.3 31.9

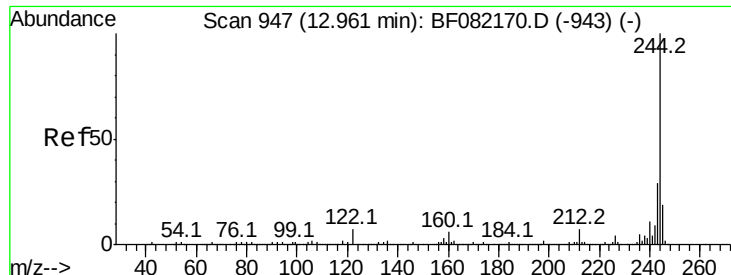


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.40 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB86137TB

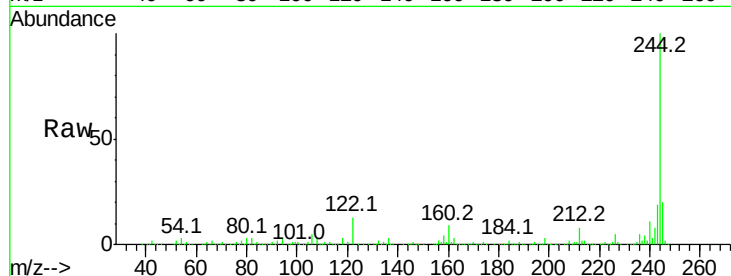
Tot Ion:244 Resp: 1088103

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.6

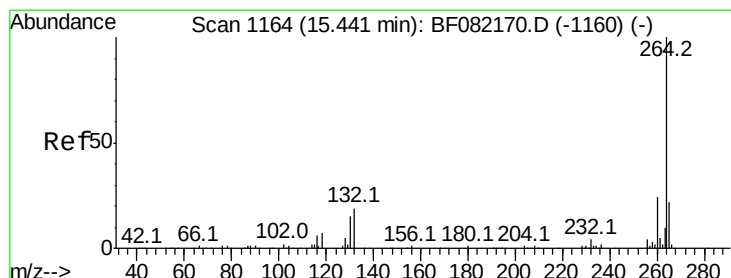
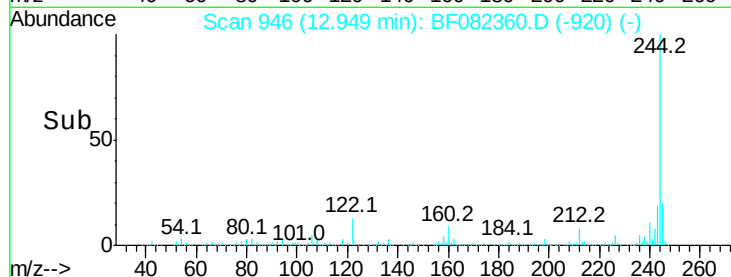
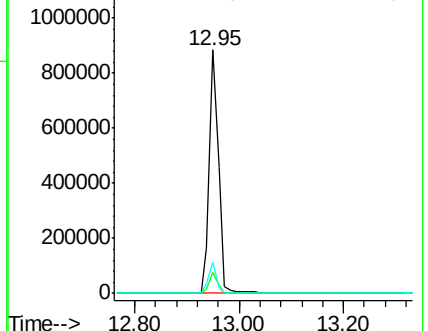
122 13.0 5.9 8.9#



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: 15.69 min Scan# 1186

Delta R.T. 0.02 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

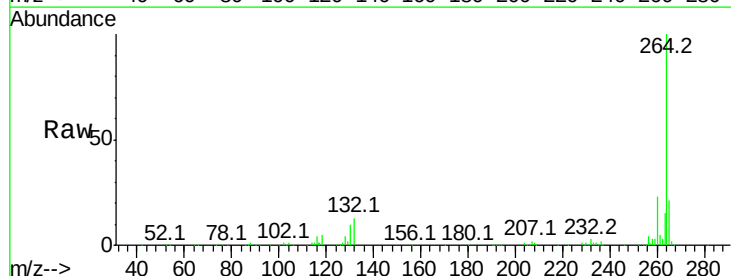
Tgt Ion:264 Resp: 286297

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.1 17.3 25.9



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

