

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082257.D
 Acq On : 13 Oct 2015 16:39
 Operator : UM/IZ
 Sample : PB85978TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85978TB

Quant Time: Oct 14 01:48:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	85899	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	339328	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	168867	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	331560	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	316826	20.00	ng	-0.03
86) Perylene-d12	15.70	264	287424	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	531150	124.80	ng	0.01
7) Phenol-d6	6.47	99	672082	121.34	ng	0.00
23) Nitrobenzene-d5	7.39	82	390380	77.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	176131	111.22	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	845495	83.03	ng	0.00
78) Terphenyl-d14	12.97	244	874496	73.14	ng	-0.01

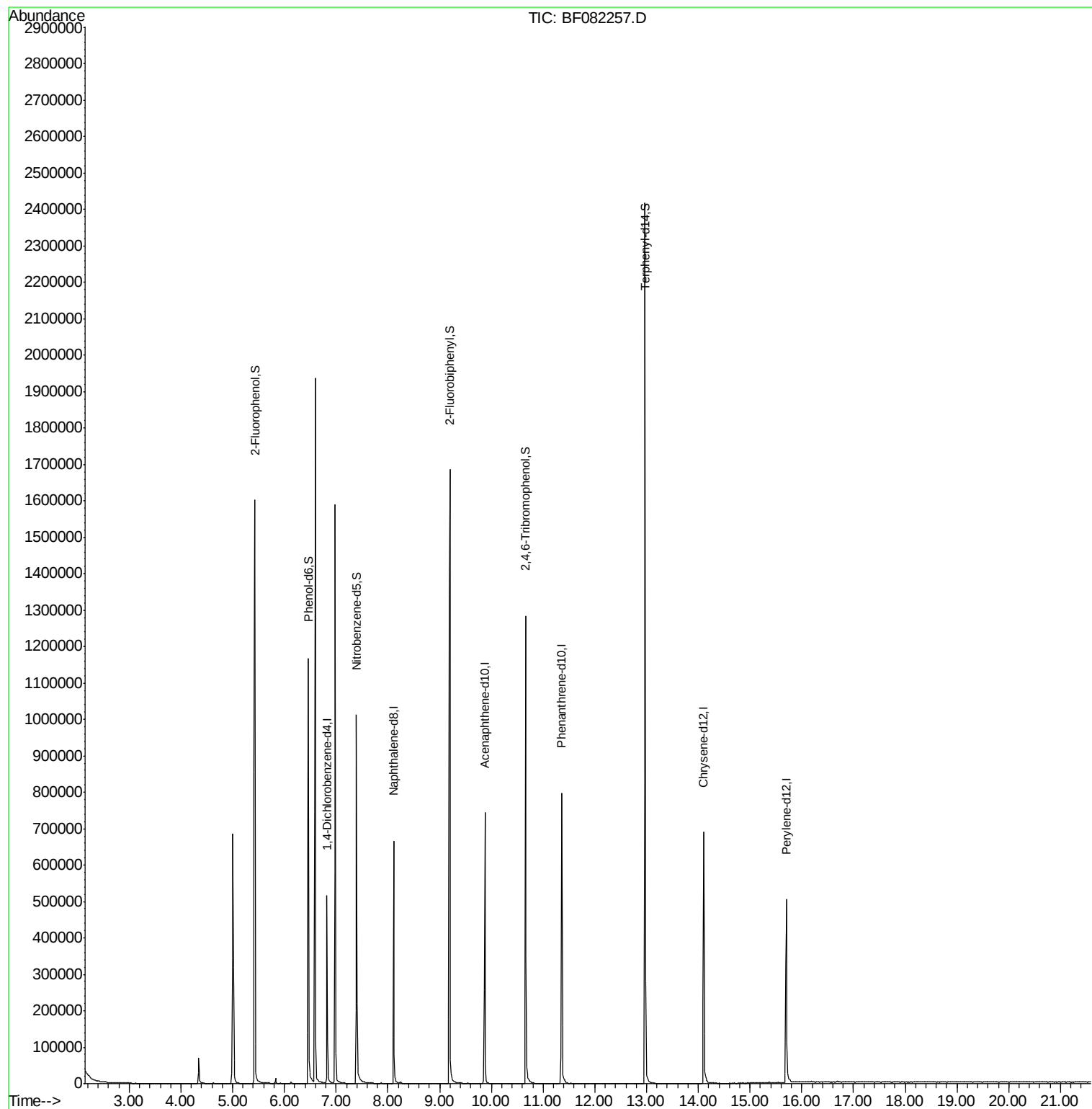
Target Compounds Qvalue

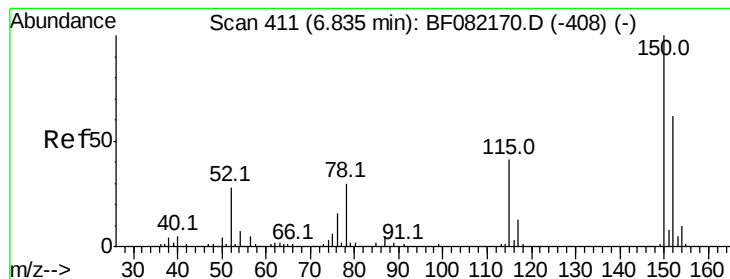
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB85978TB

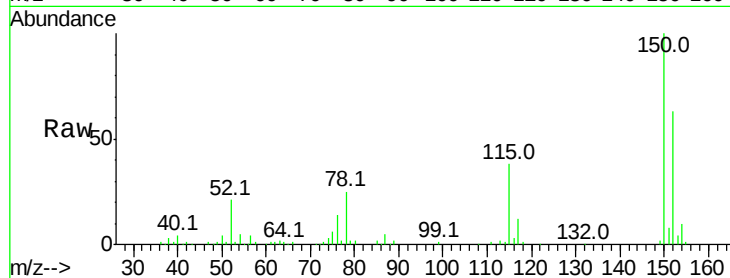
Tot Ion:152 Resp: 85899

Ion Ratio Lower Upper

152 100

150 159.3 129.0 193.4

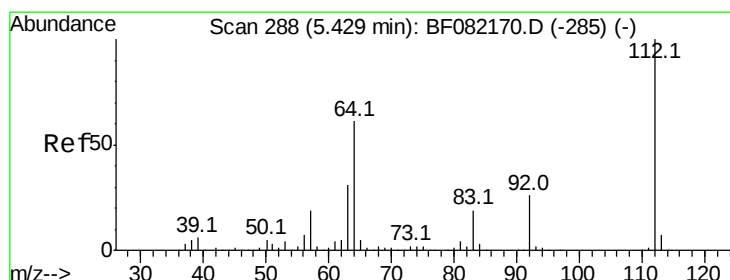
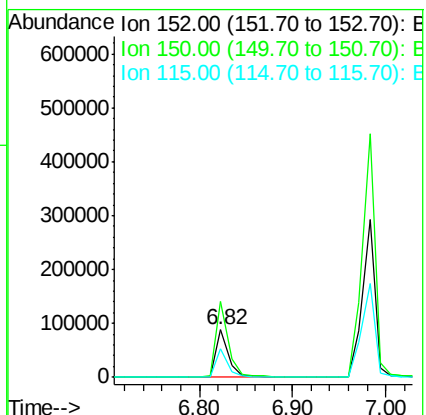
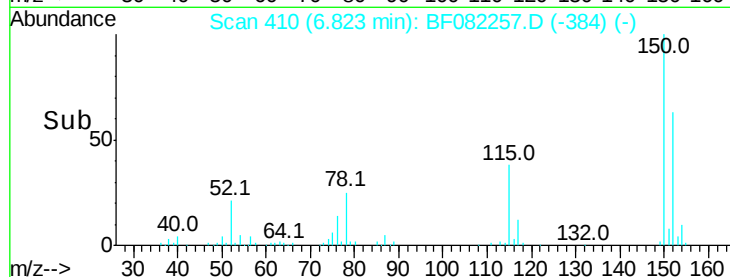
115 61.3 52.1 78.1



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: 124.80 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

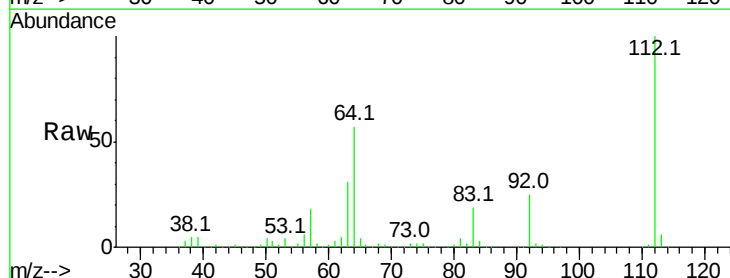
Tgt Ion:112 Resp: 531150

Ion Ratio Lower Upper

112 100

64 57.2 48.6 73.0

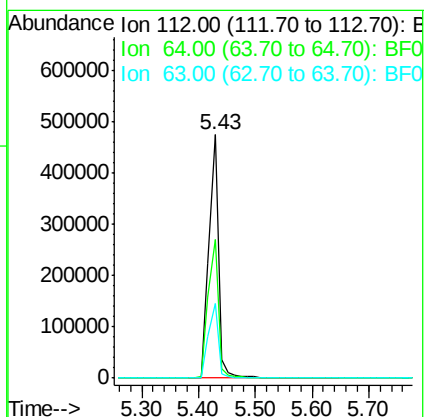
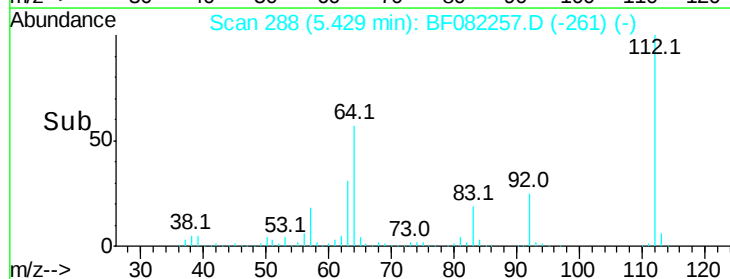
63 30.6 25.1 37.7

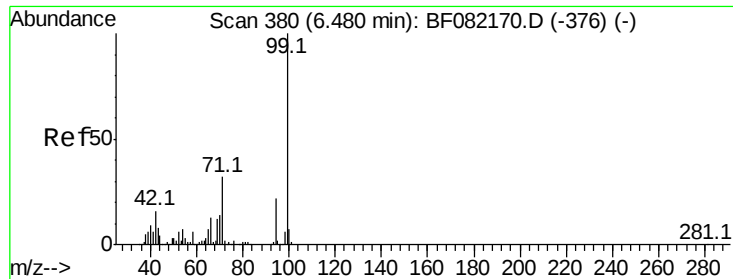


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.34 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB85978TB

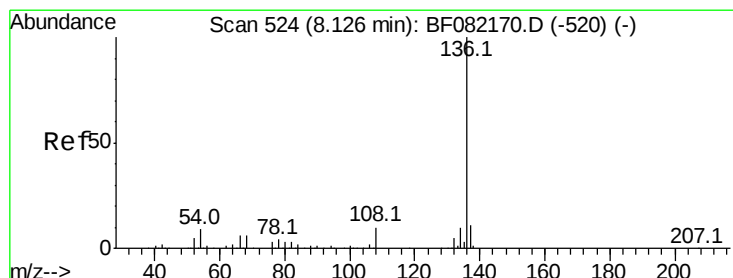
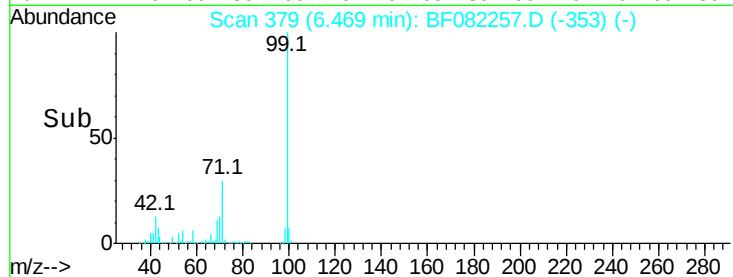
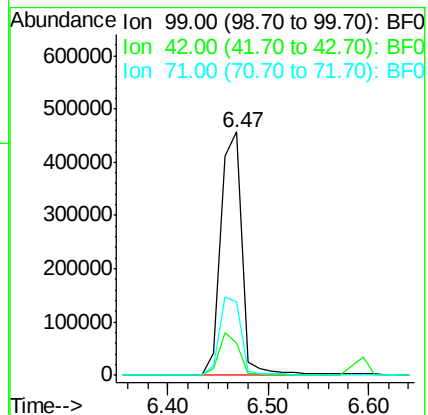
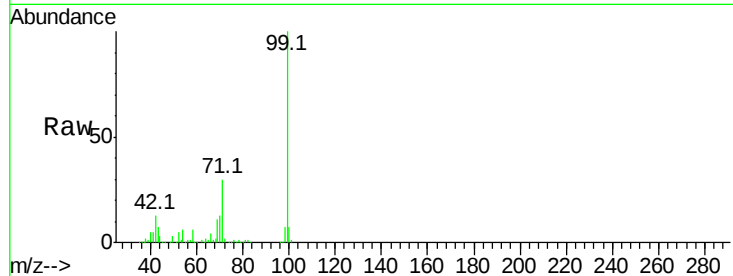
Tot Ion: 99 Resp: 672082

Ion Ratio Lower Upper

99 100

42 13.4 13.2 19.8

71 30.2 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

Tgt Ion: 136 Resp: 339328

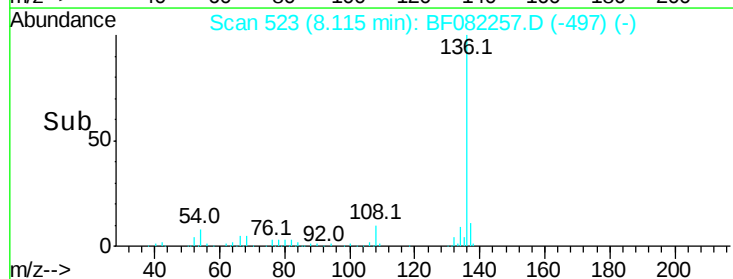
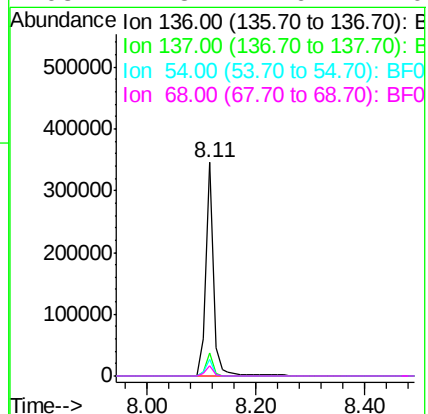
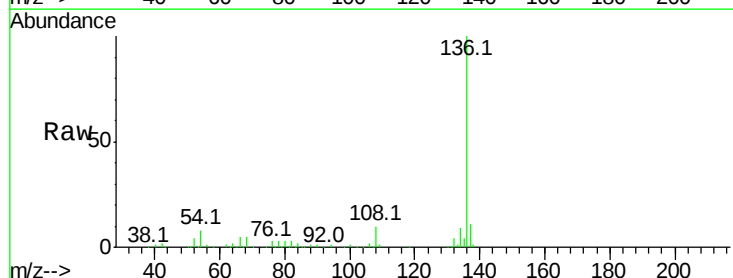
Ion Ratio Lower Upper

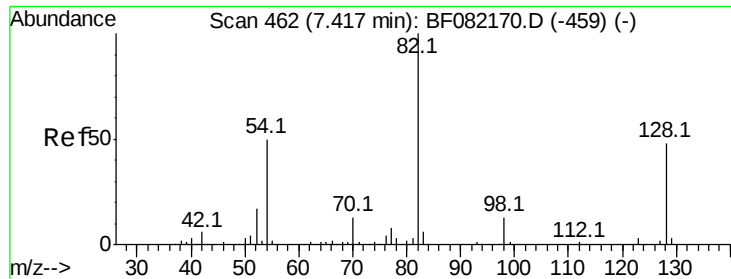
136 100

137 11.0 9.0 13.6

54 7.6 7.5 11.3

68 4.8 4.6 7.0

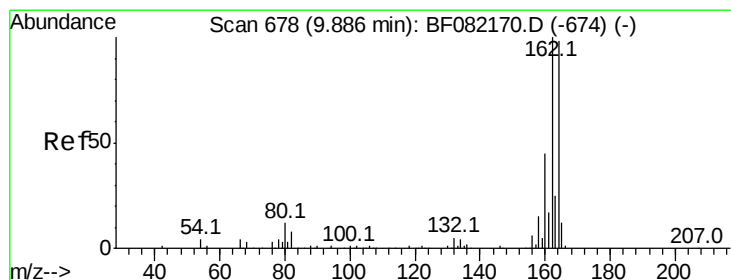
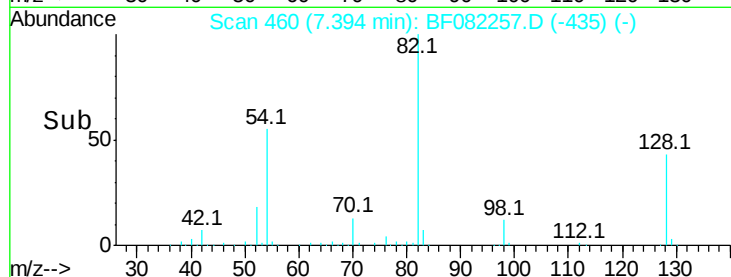
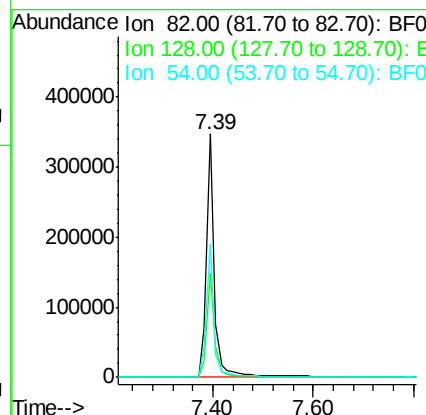
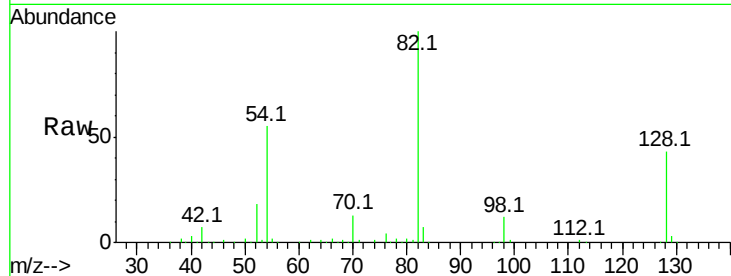




#23
 Nitrobenzene-d5
 Concen: 77.26 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082257.D
 Acq: 13 Oct 2015 16:39

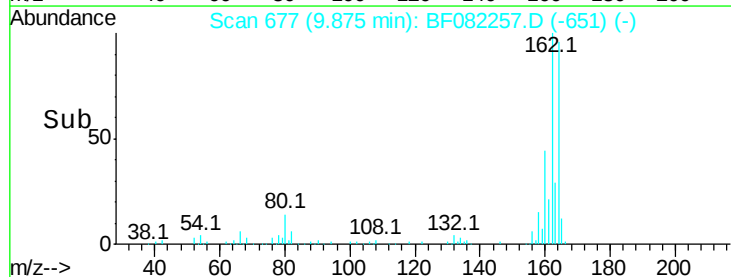
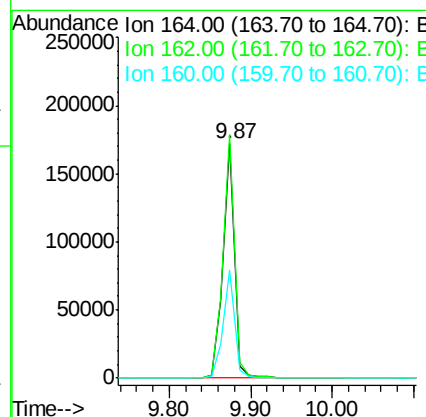
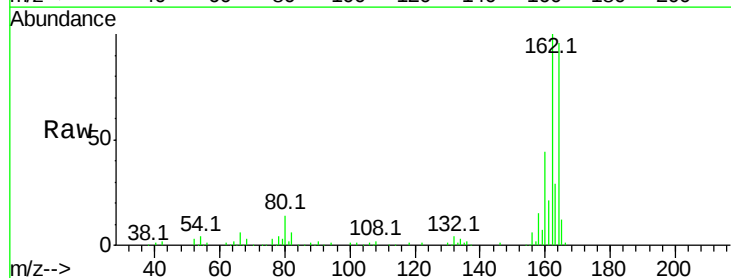
Instrument :
 BNA_F
 ClientSampleId :
 PB85978TB

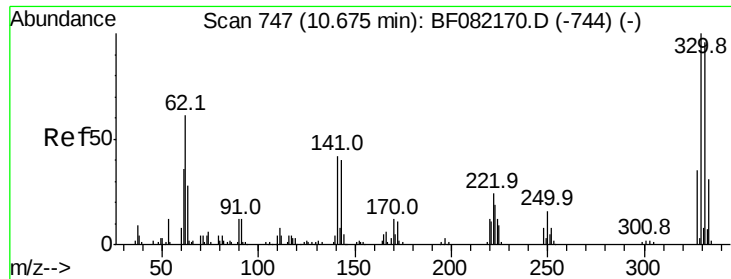
Tot Ion: 82 Resp: 390380
 Ion Ratio Lower Upper
 82 100
 128 42.7 38.7 58.1
 54 54.9 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF082257.D
 Acq: 13 Oct 2015 16:39

Tgt Ion:164 Resp: 168867
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.6 122.4
 160 45.9 36.4 54.6

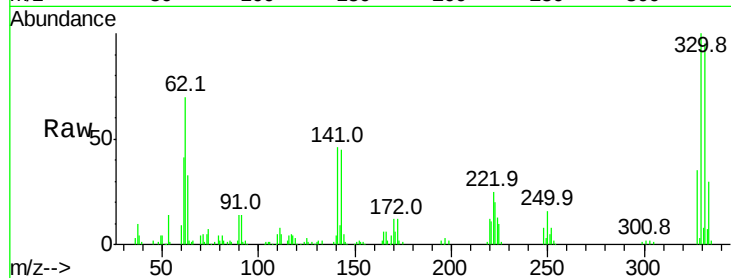




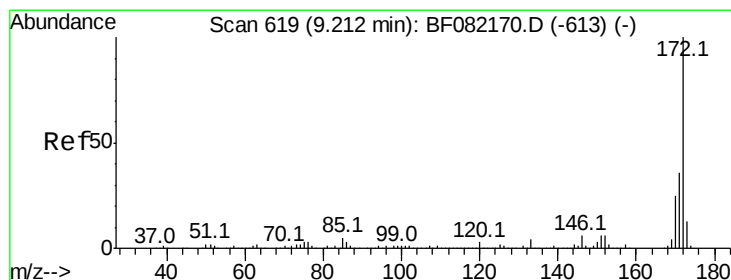
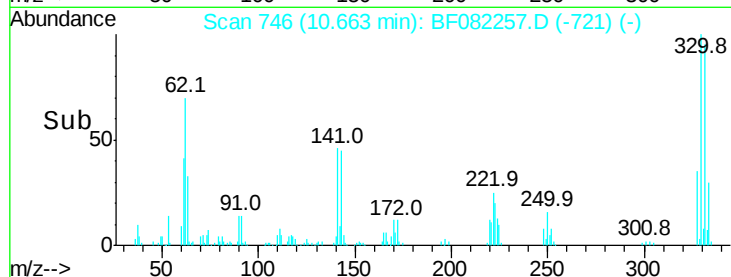
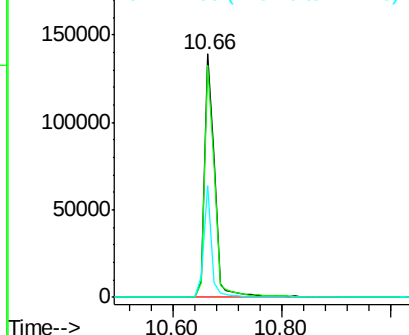
#41
 2,4,6-Tribromophenol
 Concen: 111.22 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082257.D
 Acq: 13 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB85978TB

Tot Ion:330 Resp: 176131
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.1 115.7
 141 35.8 29.8 44.8

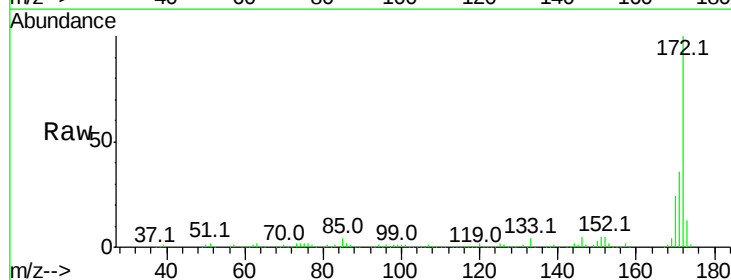


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

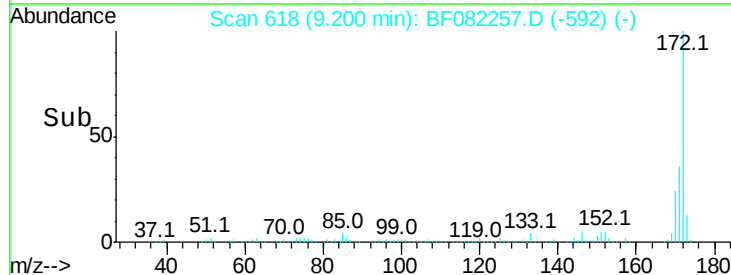
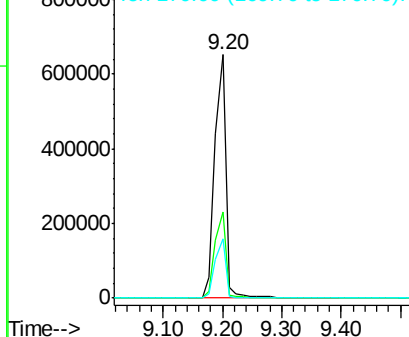


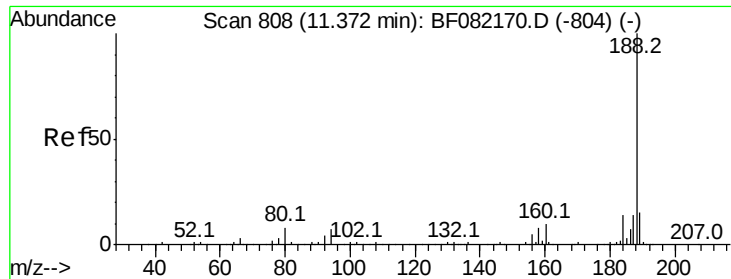
#44
 2-Fluorobiphenyl
 Concen: 83.03 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082257.D
 Acq: 13 Oct 2015 16:39

Tgt Ion:172 Resp: 845495
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 24.3 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: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB85978TB

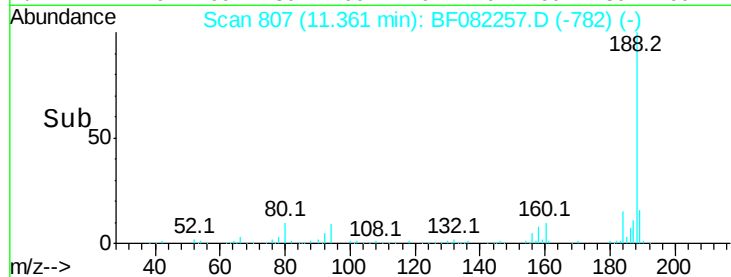
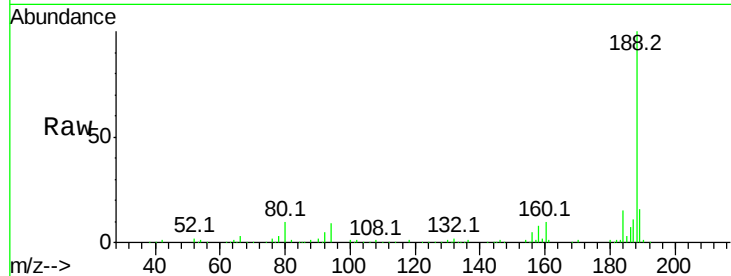
Tot Ion:188 Resp: 331560

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.6#

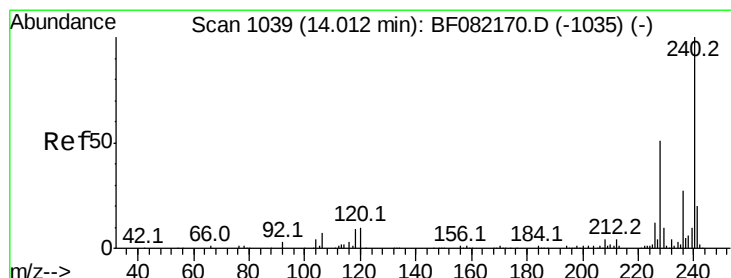
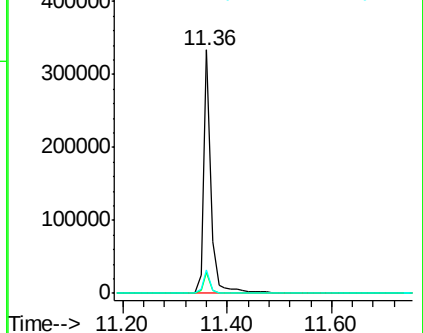
80 9.7 6.4 9.6#



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: 14.10 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

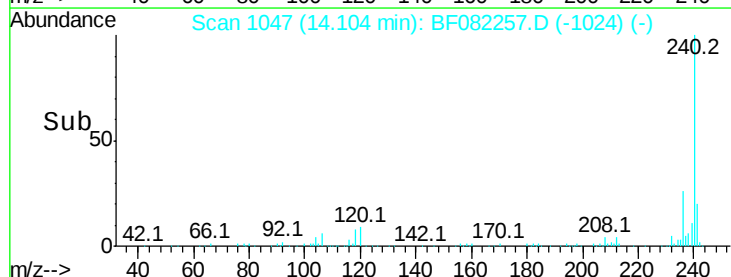
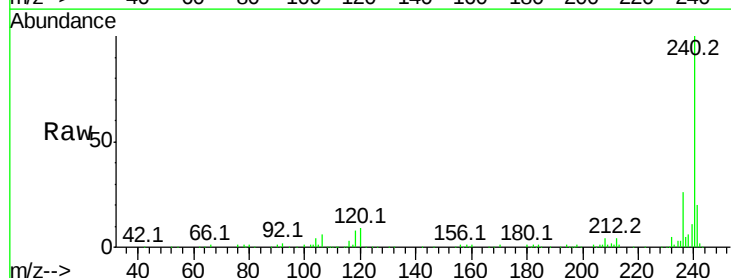
Tgt Ion:240 Resp: 316826

Ion Ratio Lower Upper

240 100

120 9.1 8.1 12.1

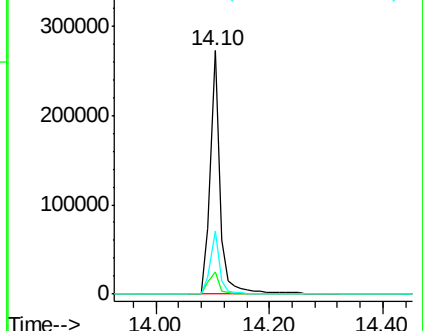
236 26.0 21.3 31.9

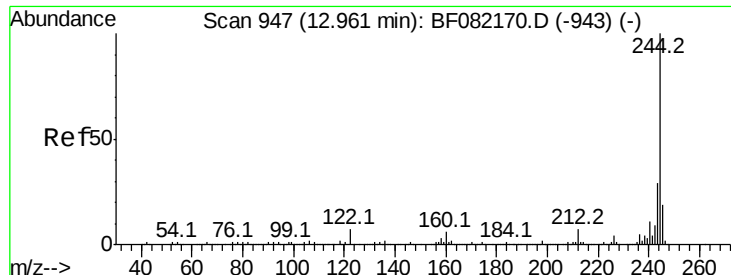


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.14 ng

RT: 12.97 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

Instrument :

BNA_F

ClientSampled :

PB85978TB

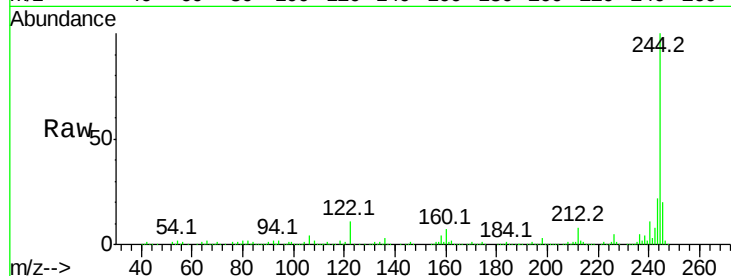
Tot Ion:244 Resp: 874496

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

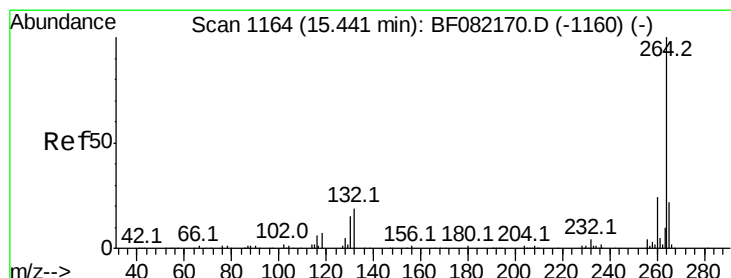
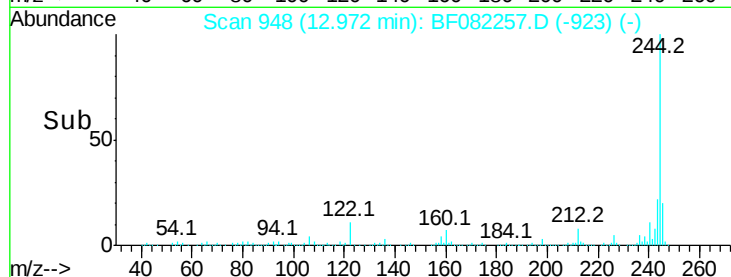
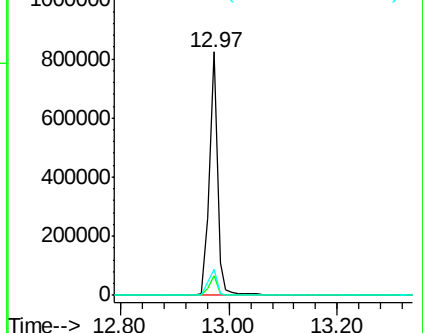
122 10.5 5.9 8.9#



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: 15.70 min Scan# 1187

Delta R.T. -0.07 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

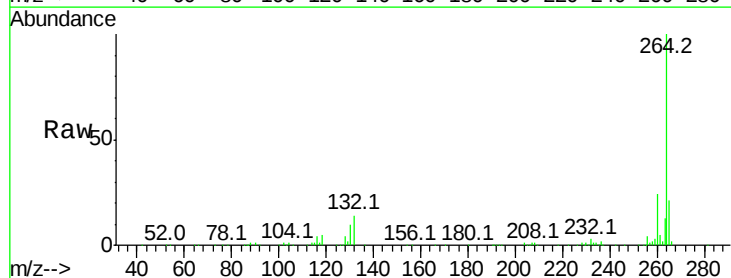
Tgt Ion:264 Resp: 287424

Ion Ratio Lower Upper

264 100

260 24.1 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

