

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082261.D
 Acq On : 13 Oct 2015 18:34
 Operator : UM/IZ
 Sample : PB86079BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BL

Quant Time: Oct 14 01:57:13 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	78698	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	307806	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	151692	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	307206	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	322345	20.00	ng	-0.07
86) Perylene-d12	15.62	264	265466	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	498583	127.86	ng	0.01
7) Phenol-d6	6.46	99	613332	120.87	ng	-0.01
23) Nitrobenzene-d5	7.39	82	363728	79.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	159562	112.16	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	767521	83.91	ng	0.00
78) Terphenyl-d14	12.96	244	850586	69.92	ng	-0.02

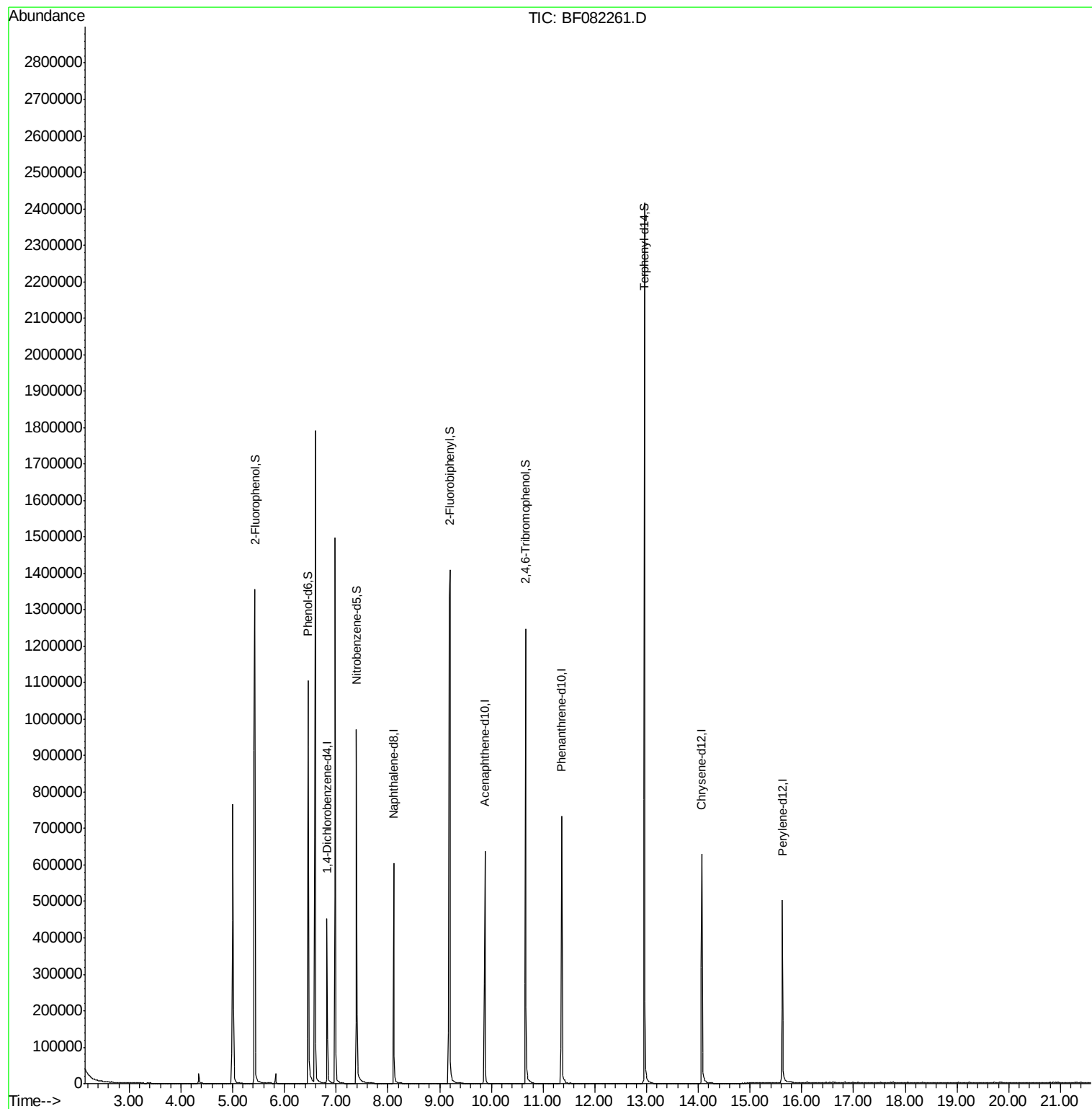
Target Compounds Qvalue

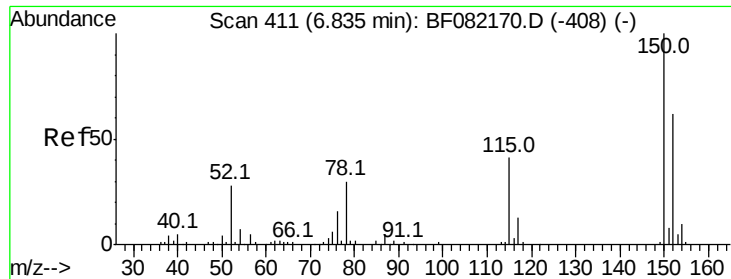
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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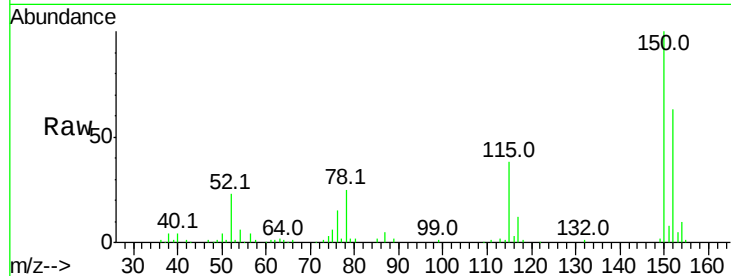


#1

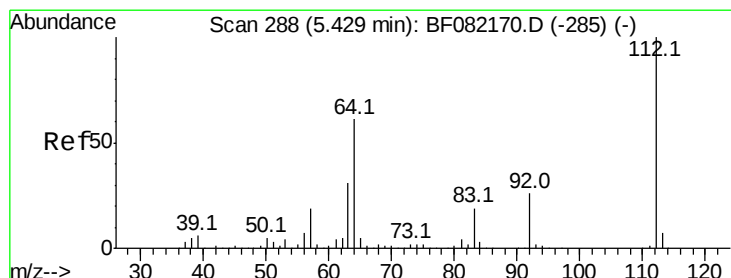
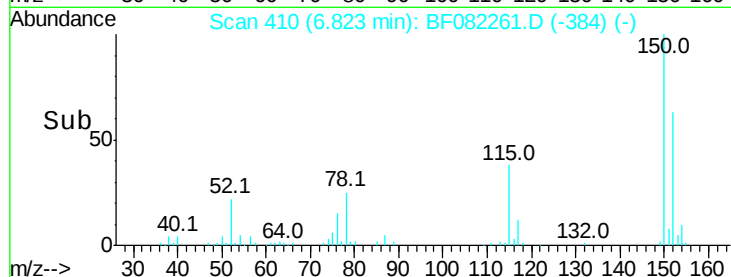
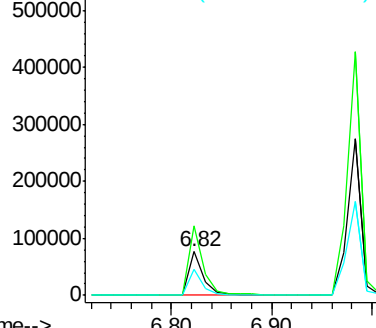
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082261.D
Acq: 13 Oct 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB86079BL

Tot Ion:152 Resp: 78698
Ion Ratio Lower Upper
152 100
150 159.3 129.0 193.4
115 60.4 52.1 78.1



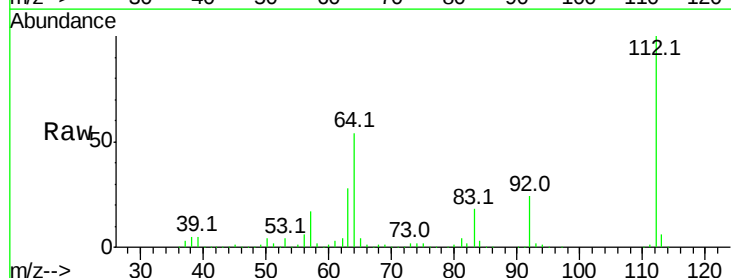
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



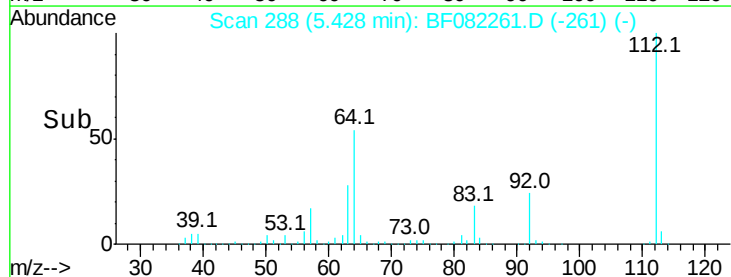
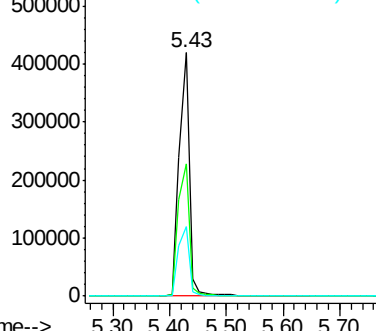
#5

2-Fluorophenol
Concen: 127.86 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF082261.D
Acq: 13 Oct 2015 18:34

Tgt Ion:112 Resp: 498583
Ion Ratio Lower Upper
112 100
64 54.1 48.6 73.0
63 28.4 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: 120.87 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082261.D

Acq: 13 Oct 2015 18:34

Instrument :

BNA_F

ClientSampled :

PB86079BL

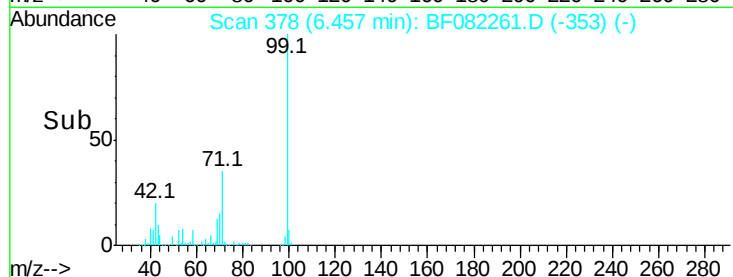
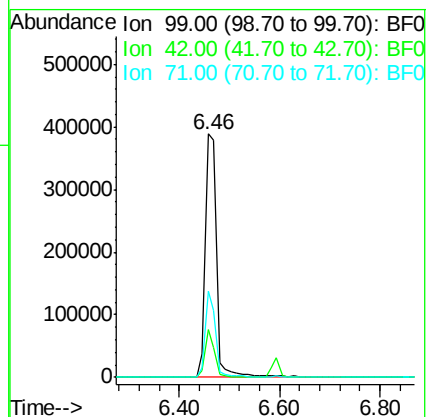
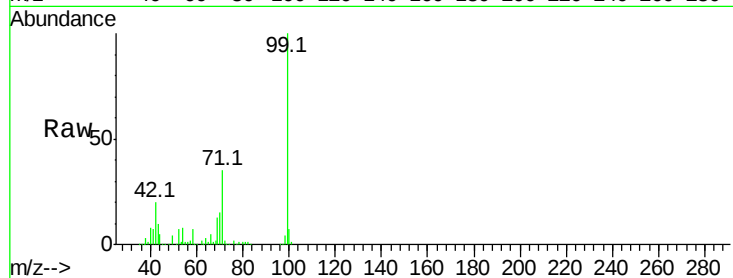
Tot Ion: 99 Resp: 613332

Ion Ratio Lower Upper

99 100

42 19.6 13.2 19.8

71 35.5 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: BF082261.D

Acq: 13 Oct 2015 18:34

Tgt Ion: 136 Resp: 307806

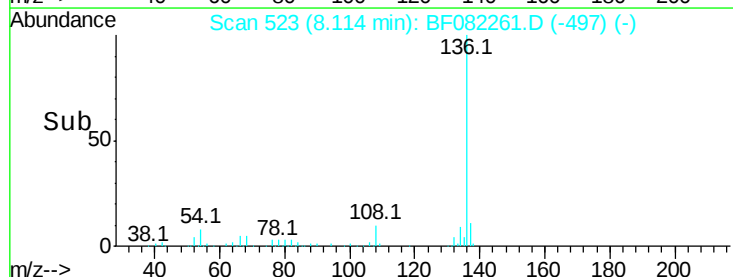
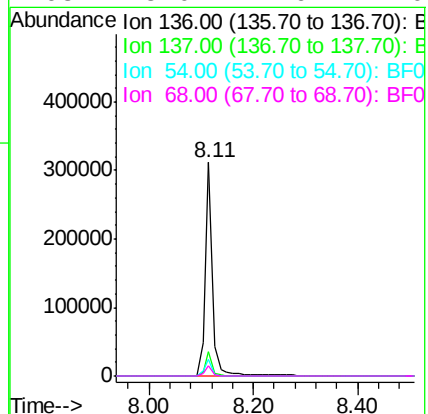
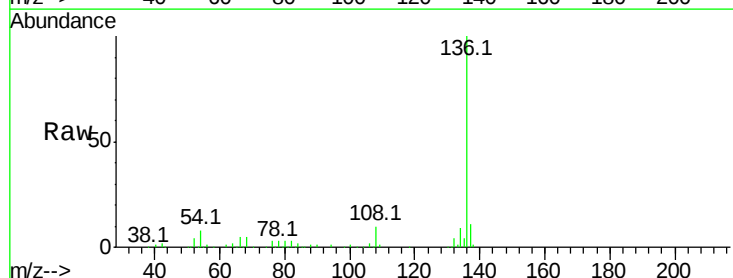
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 7.8 7.5 11.3

68 5.0 4.6 7.0

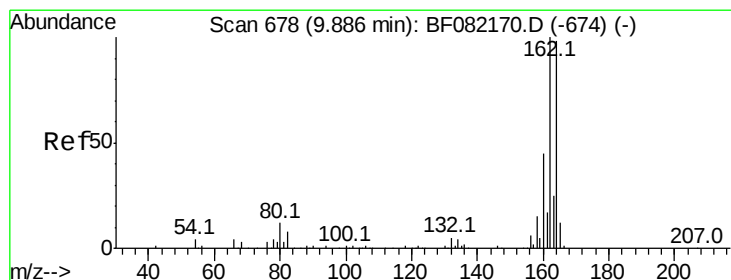
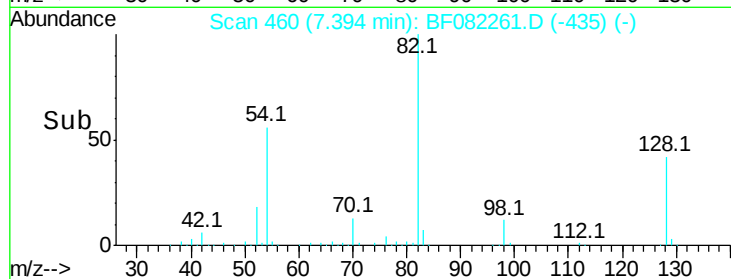
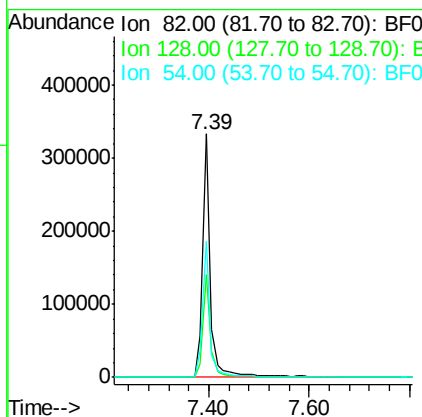
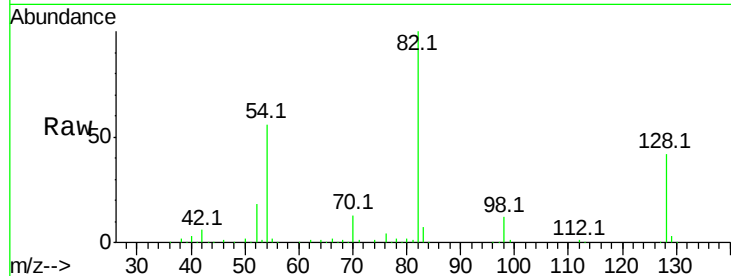




#23
 Nitrobenzene-d5
 Concen: 79.36 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082261.D
 Acq: 13 Oct 2015 18:34

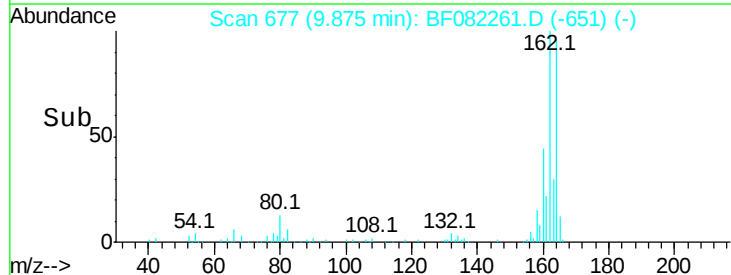
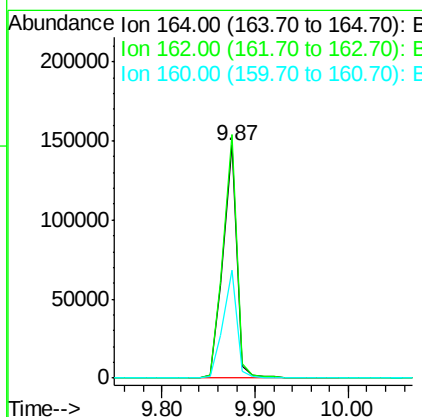
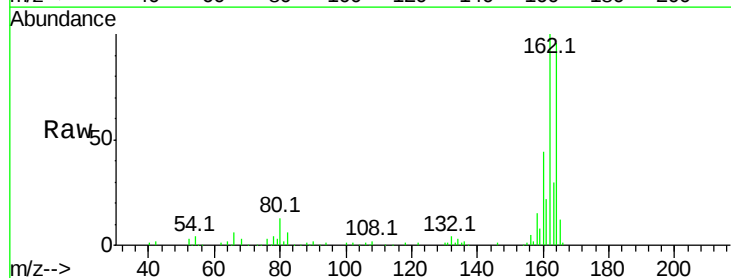
Instrument :
 BNA_F
 ClientSampleId :
 PB86079BL

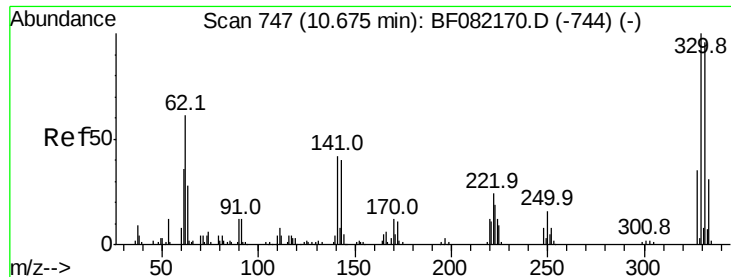
Tot Ion: 82 Resp: 363728
 Ion Ratio Lower Upper
 82 100
 128 42.4 38.7 58.1
 54 55.7 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF082261.D
 Acq: 13 Oct 2015 18:34

Tgt Ion:164 Resp: 151692
 Ion Ratio Lower Upper
 164 100
 162 104.6 81.6 122.4
 160 46.3 36.4 54.6

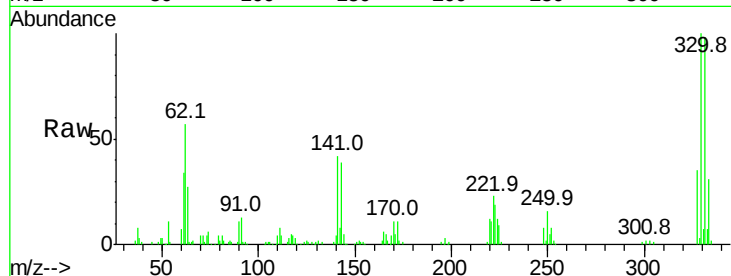




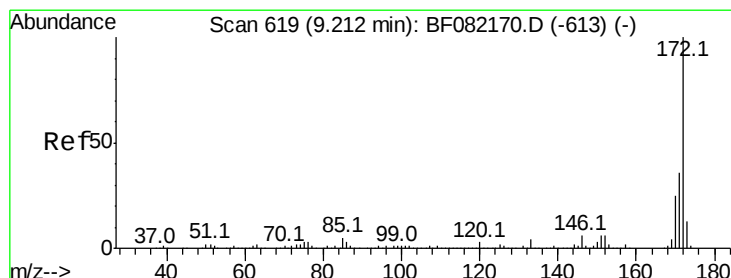
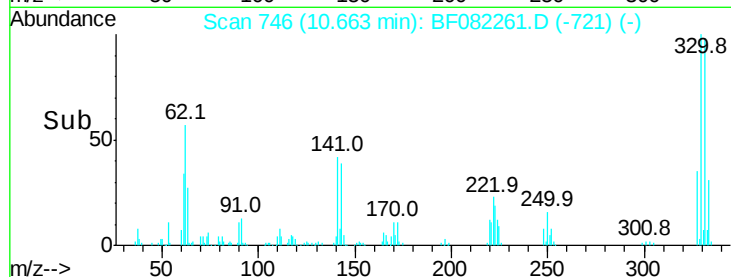
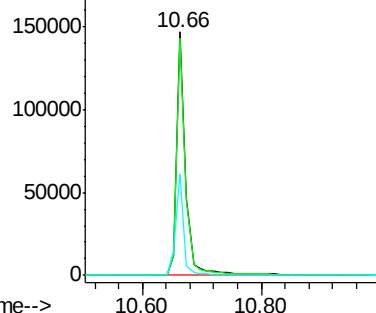
#41
 2,4,6-Tribromophenol
 Concen: 112.16 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082261.D
 Acq: 13 Oct 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	38.5	29.8	44.8

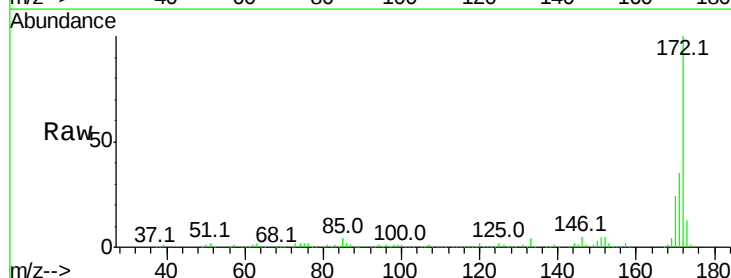


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

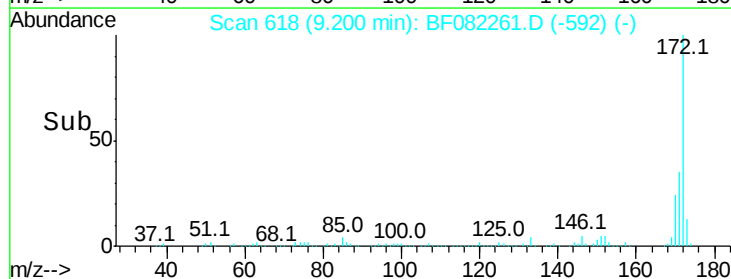
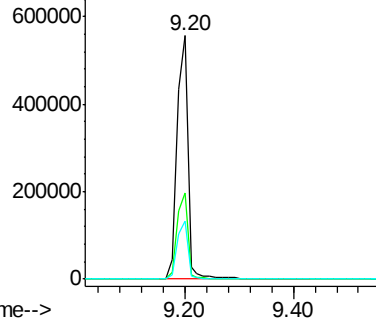


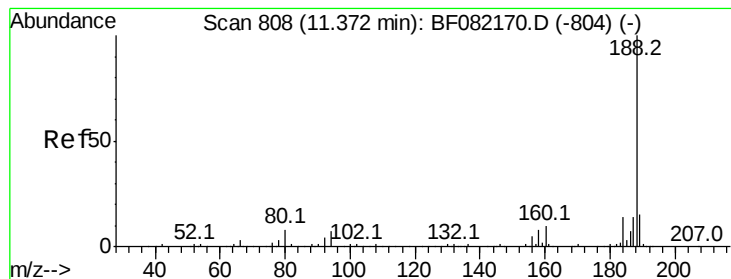
#44
 2-Fluorobiphenyl
 Concen: 83.91 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082261.D
 Acq: 13 Oct 2015 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.7	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: BF082261.D

Acq: 13 Oct 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB86079BL

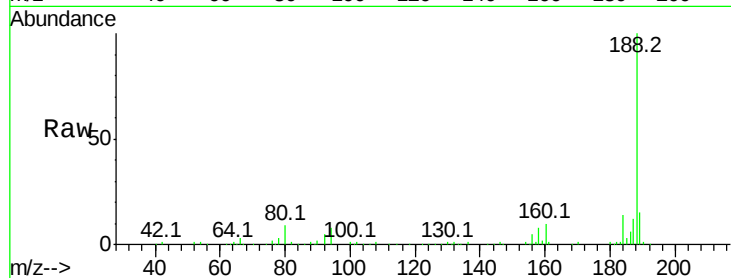
Tot Ion:188 Resp: 307206

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

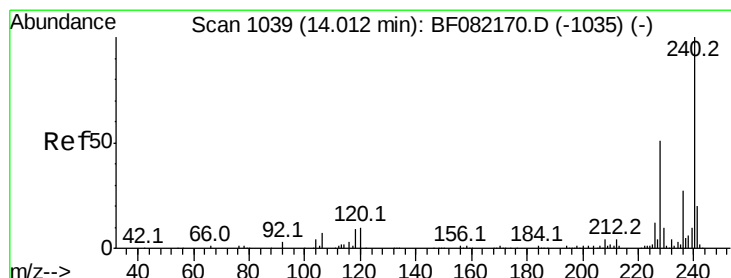
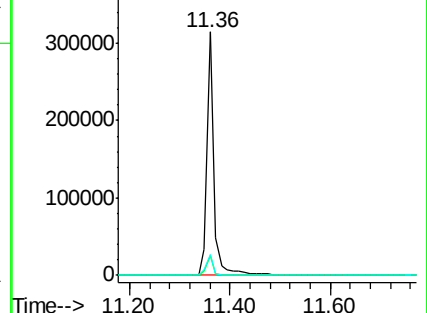
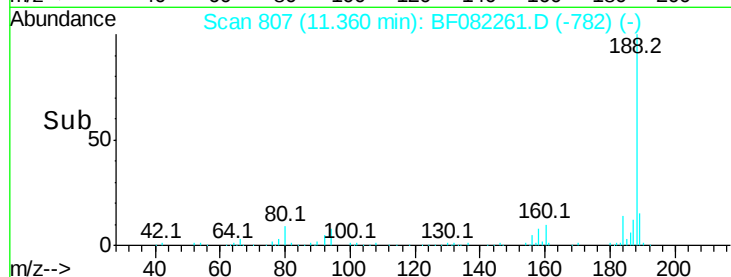
80 8.6 6.4 9.6



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: 14.07 min Scan# 1044

Delta R.T. -0.07 min

Lab File: BF082261.D

Acq: 13 Oct 2015 18:34

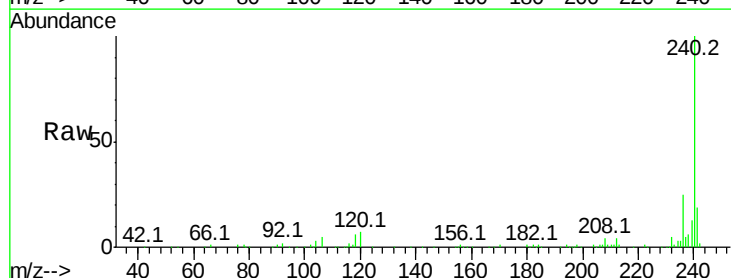
Tgt Ion:240 Resp: 322345

Ion Ratio Lower Upper

240 100

120 7.2 8.1 12.1#

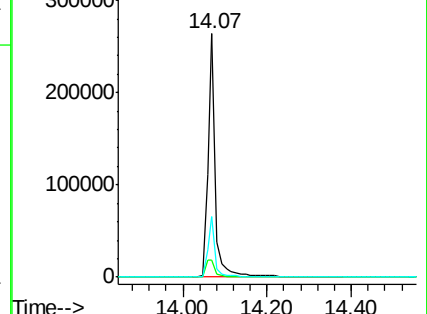
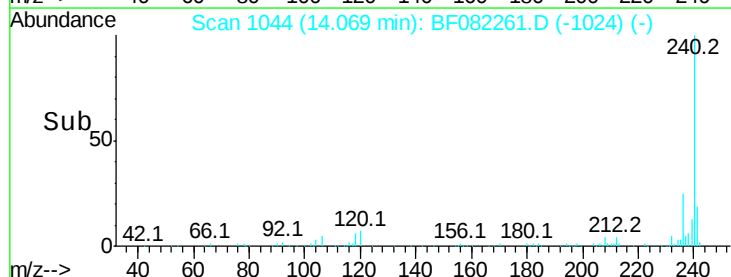
236 25.1 21.3 31.9

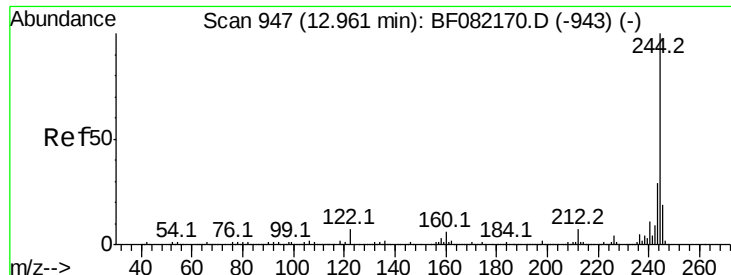


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.92 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082261.D

Acq: 13 Oct 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB86079BL

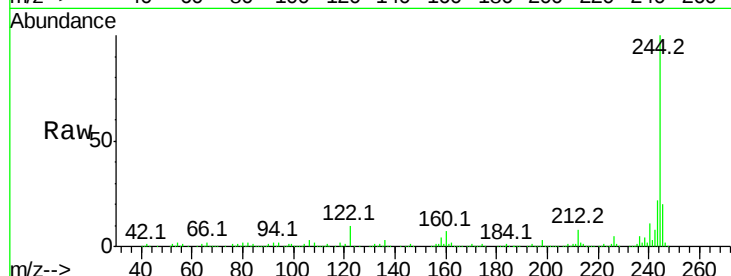
Tot Ion:244 Resp: 850586

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

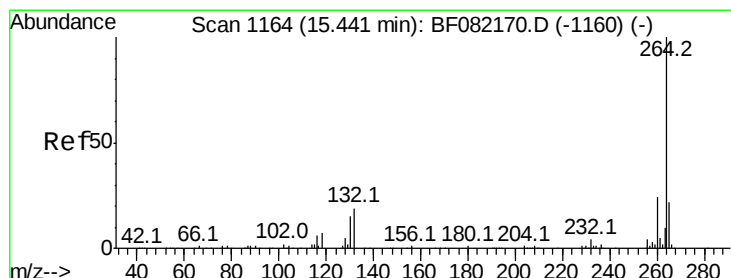
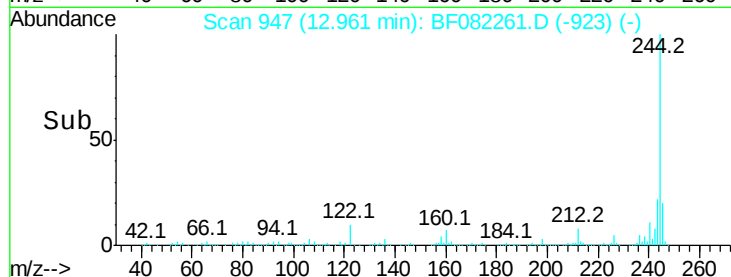
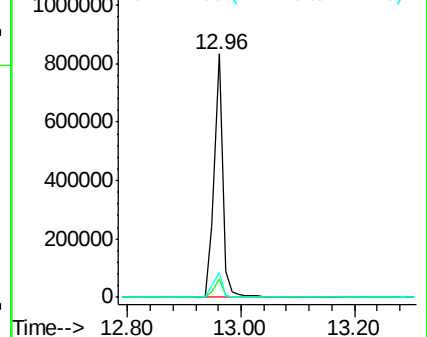
122 10.1 5.9 8.9#



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: 15.62 min Scan# 1180

Delta R.T. -0.15 min

Lab File: BF082261.D

Acq: 13 Oct 2015 18:34

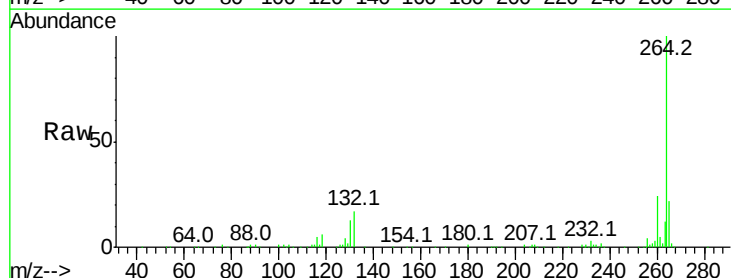
Tgt Ion:264 Resp: 265466

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.9 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

