

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082262.D
 Acq On : 13 Oct 2015 19:03
 Operator : UM/IZ
 Sample : PB86086TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86086TB

Quant Time: Oct 14 01:57:57 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	76863	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	297303	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	146067	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	299749	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	313318	20.00	ng	-0.08
86) Perylene-d12	15.60	264	268606	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	454155	119.25	ng	0.01
7) Phenol-d6	6.46	99	533097	107.56	ng	-0.01
23) Nitrobenzene-d5	7.39	82	346528	78.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	151117	110.32	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	701610	79.66	ng	0.00
78) Terphenyl-d14	12.96	244	830112	70.21	ng	-0.02

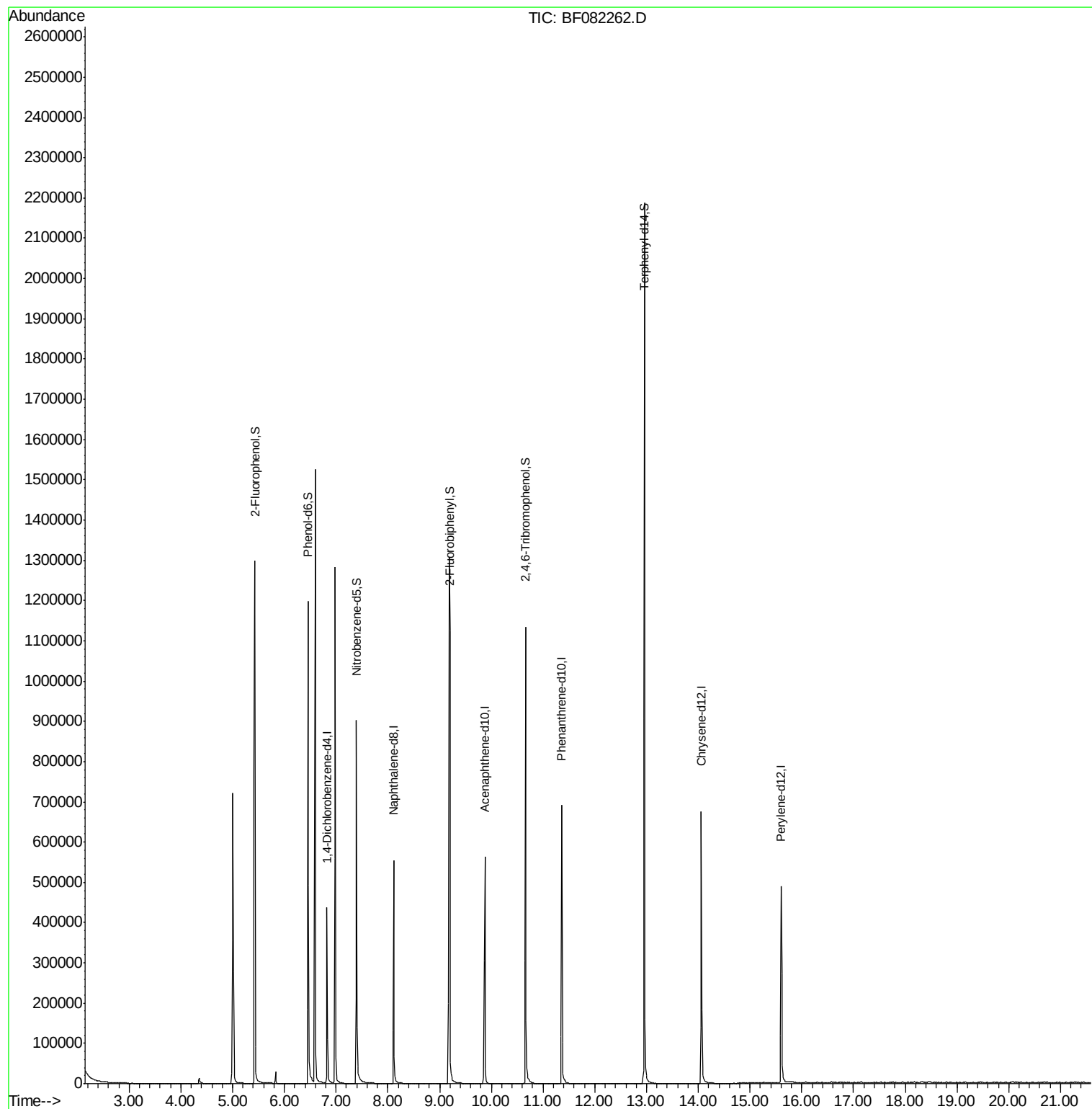
Target Compounds Qvalue

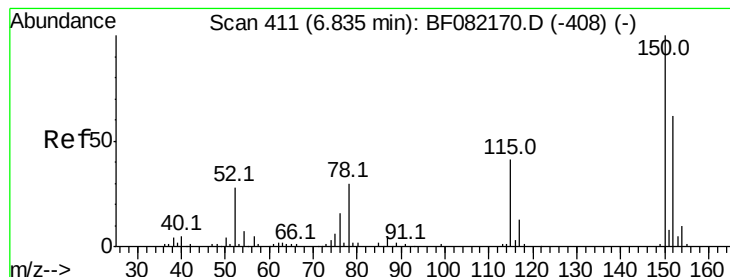
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082262.D
Acq On : 13 Oct 2015 19:03
Operator : UM/IZ
Sample : PB86086TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86086TB

Quant Time: Oct 14 01:57:57 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



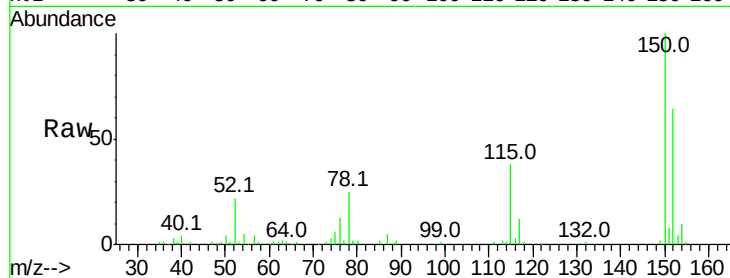


#1

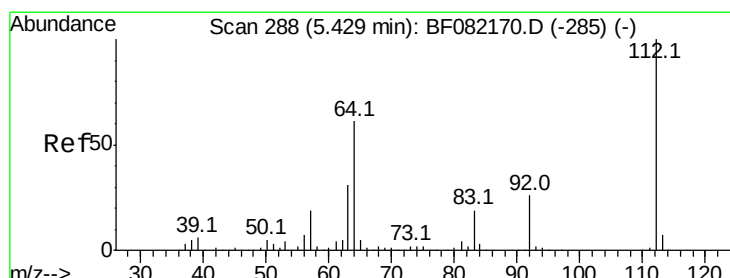
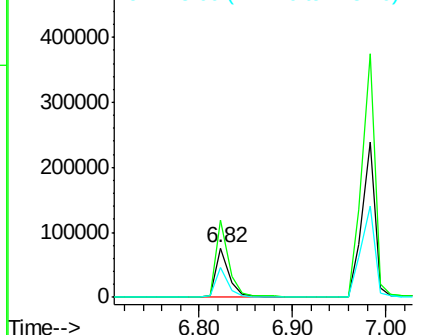
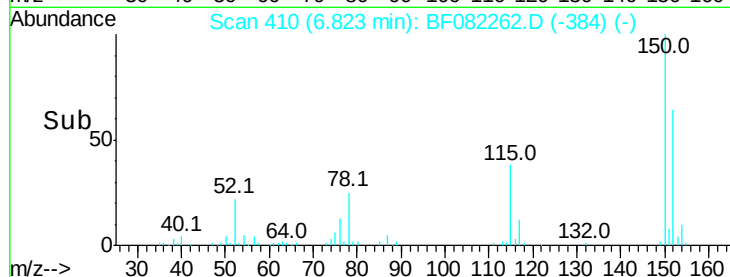
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082262.D
Acq: 13 Oct 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB86086TB

Tot Ion:152 Resp: 76863
Ion Ratio Lower Upper
152 100
150 156.7 129.0 193.4
115 59.2 52.1 78.1



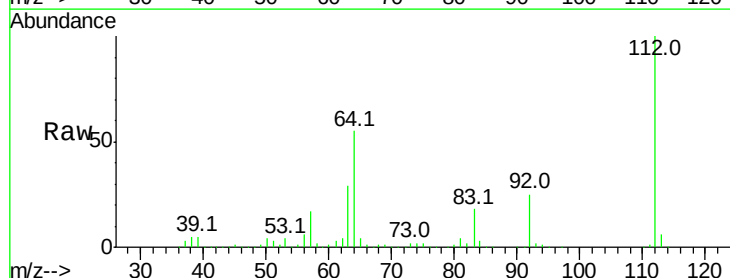
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



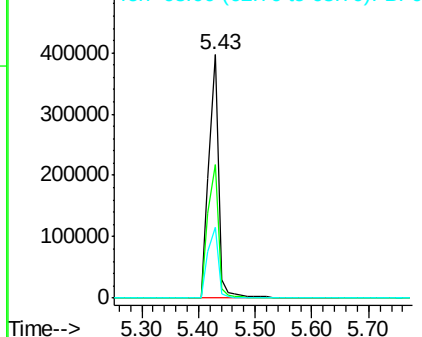
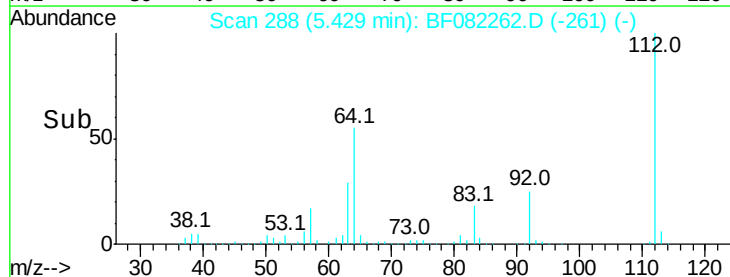
#5

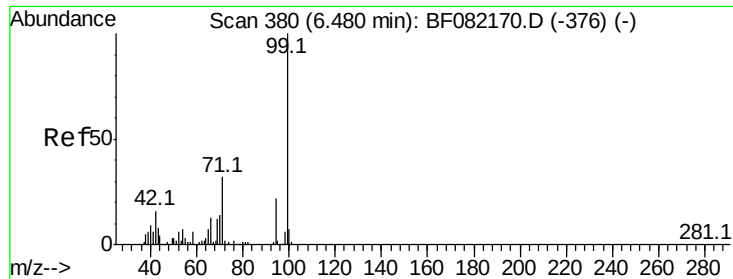
2-Fluorophenol
Concen: 119.25 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF082262.D
Acq: 13 Oct 2015 19:03

Tgt Ion:112 Resp: 454155
Ion Ratio Lower Upper
112 100
64 55.0 48.6 73.0
63 29.0 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: 107.56 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082262.D

Acq: 13 Oct 2015 19:03

Instrument :

BNA_F

ClientSampled :

PB86086TB

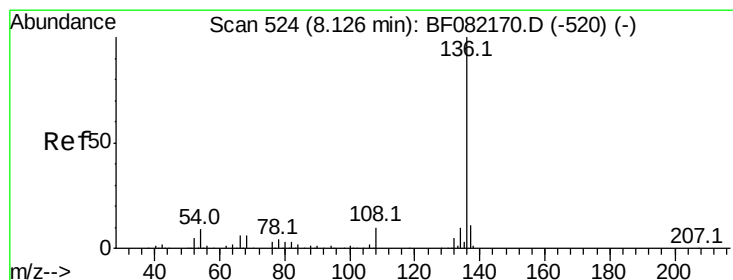
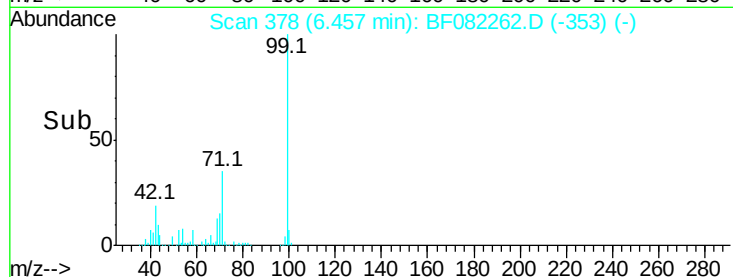
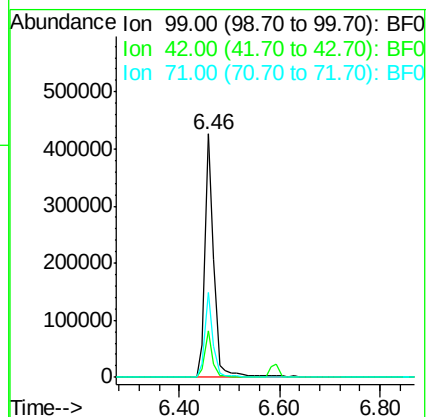
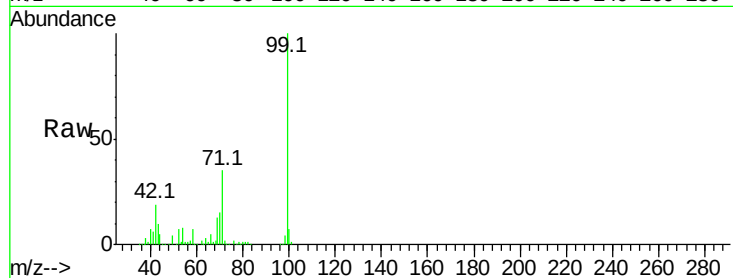
Tot Ion: 99 Resp: 533097

Ion Ratio Lower Upper

99 100

42 19.0 13.2 19.8

71 35.1 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: BF082262.D

Acq: 13 Oct 2015 19:03

Tgt Ion: 136 Resp: 297303

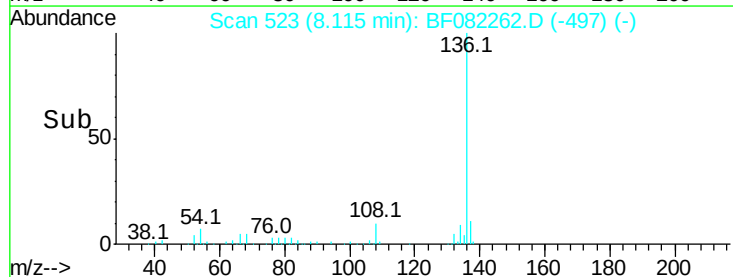
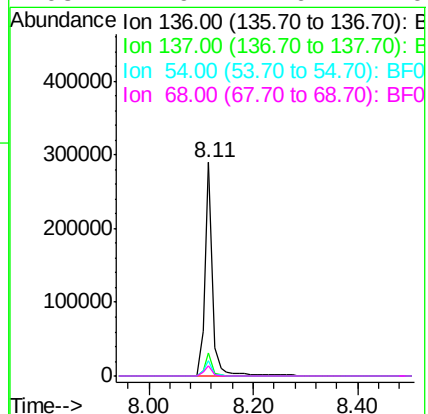
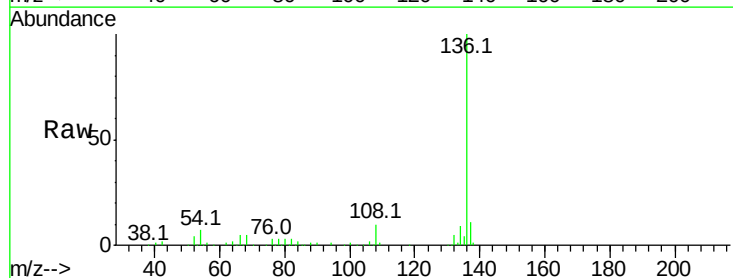
Ion Ratio Lower Upper

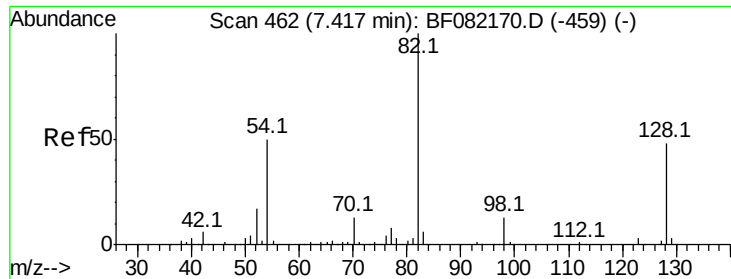
136 100

137 10.8 9.0 13.6

54 7.1 7.5 11.3#

68 4.9 4.6 7.0

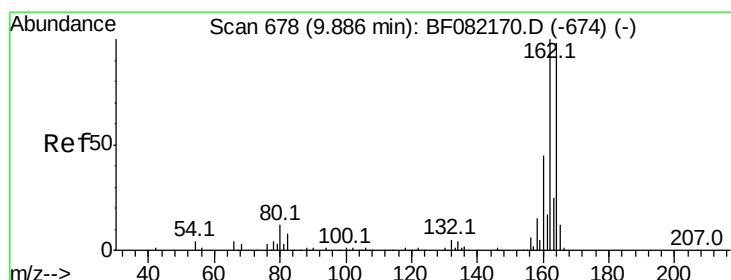
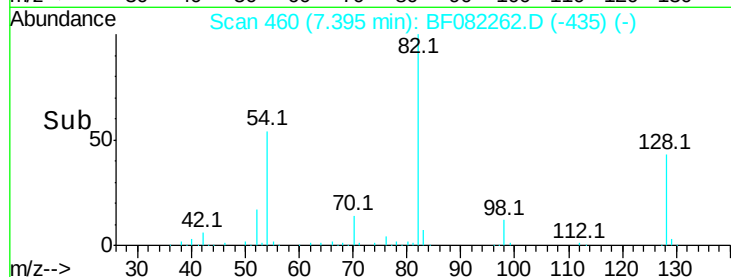
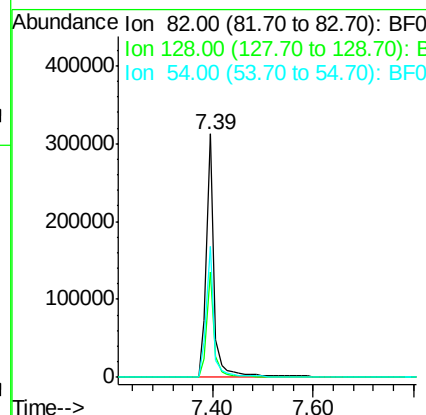
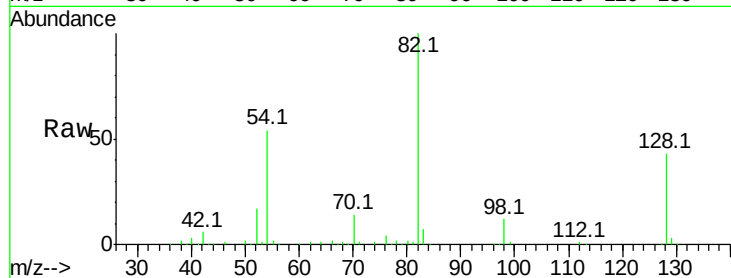




#23
 Nitrobenzene-d5
 Concen: 78.27 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082262.D
 Acq: 13 Oct 2015 19:03

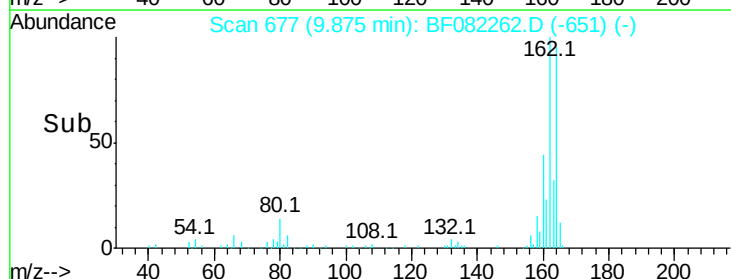
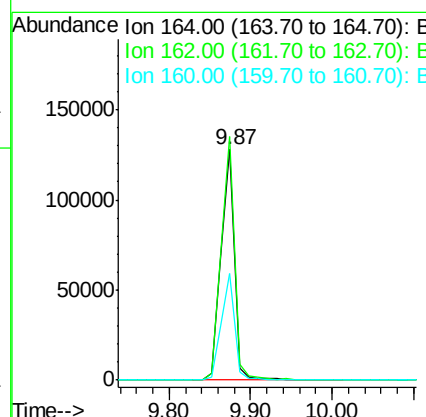
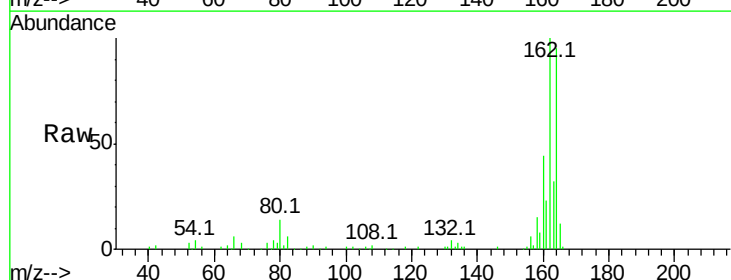
Instrument :
 BNA_F
 ClientSampleID :
 PB86086TB

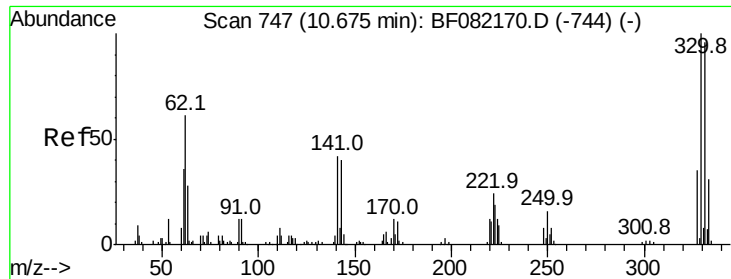
Tot Ion: 82 Resp: 346528
 Ion Ratio Lower Upper
 82 100
 128 43.3 38.7 58.1
 54 53.6 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF082262.D
 Acq: 13 Oct 2015 19:03

Tgt Ion:164 Resp: 146067
 Ion Ratio Lower Upper
 164 100
 162 105.6 81.6 122.4
 160 46.4 36.4 54.6

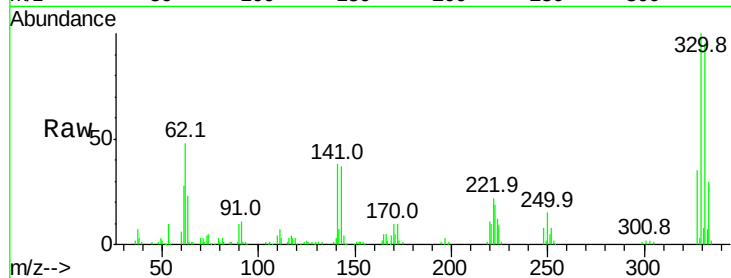




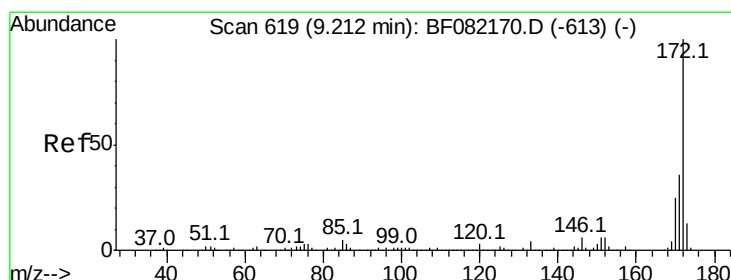
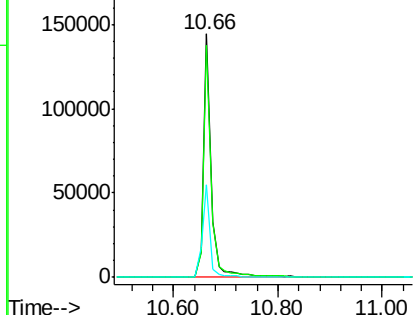
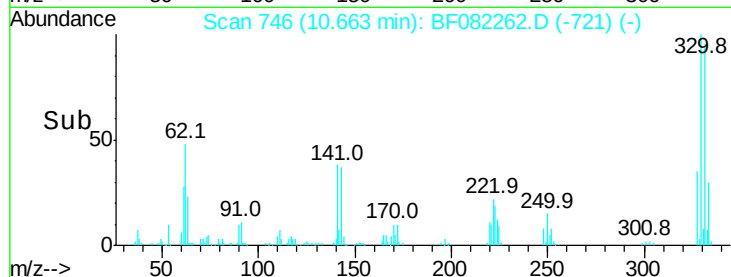
#41
 2,4,6-Tribromophenol
 Concen: 110.32 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082262.D
 Acq: 13 Oct 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86086TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	38.5	29.8	44.8

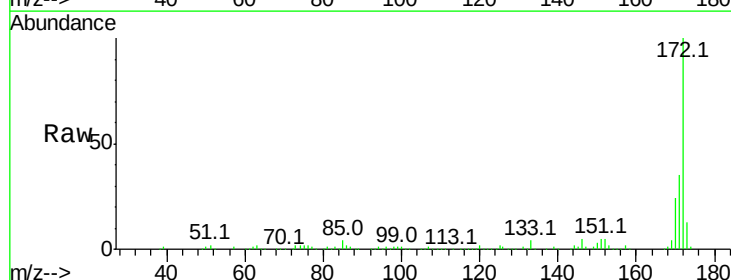


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

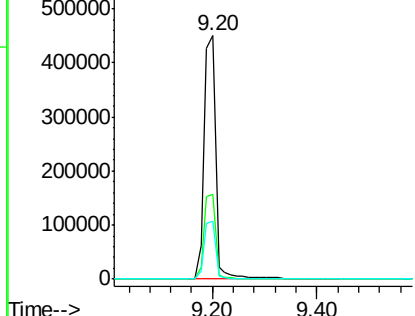
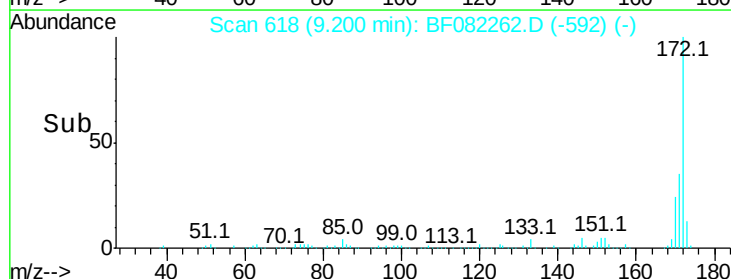


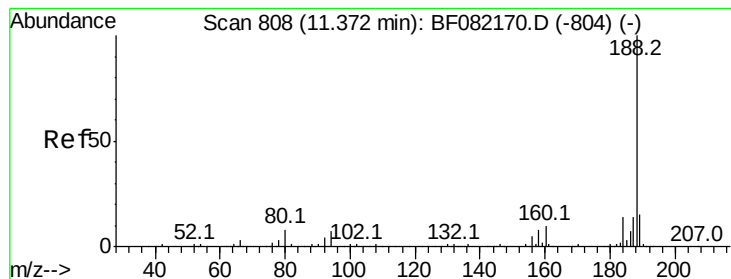
#44
 2-Fluorobiphenyl
 Concen: 79.66 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082262.D
 Acq: 13 Oct 2015 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	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: BF082262.D

Acq: 13 Oct 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB86086TB

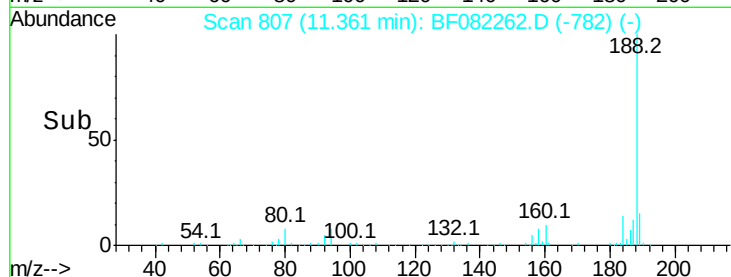
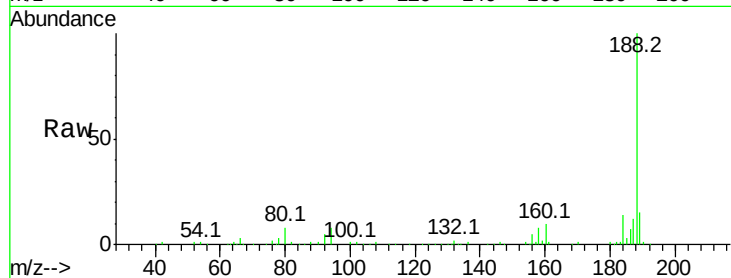
Tot Ion:188 Resp: 299749

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

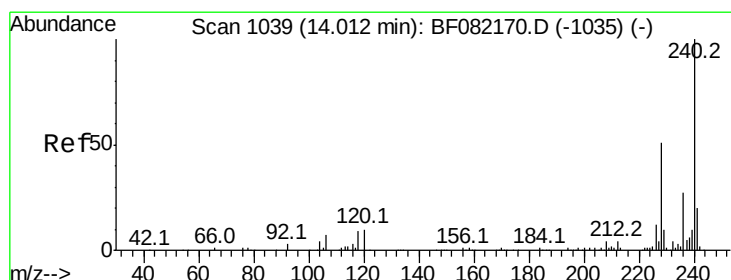
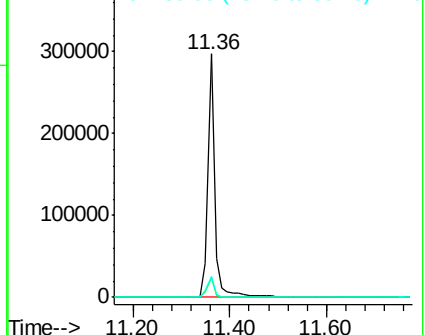
80 8.5 6.4 9.6



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: 14.06 min Scan# 1043

Delta R.T. -0.08 min

Lab File: BF082262.D

Acq: 13 Oct 2015 19:03

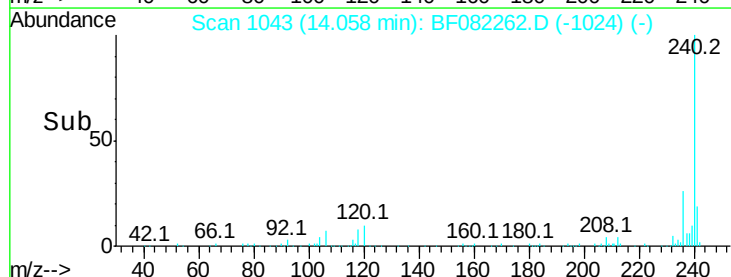
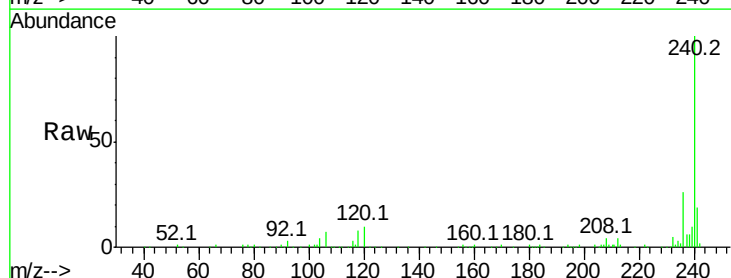
Tgt Ion:240 Resp: 313318

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

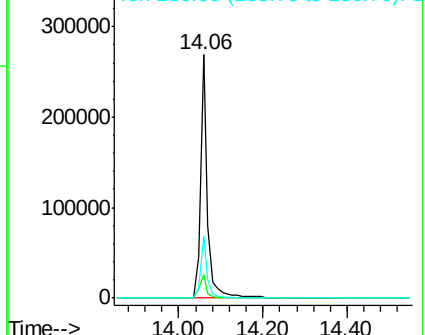
236 25.6 21.3 31.9

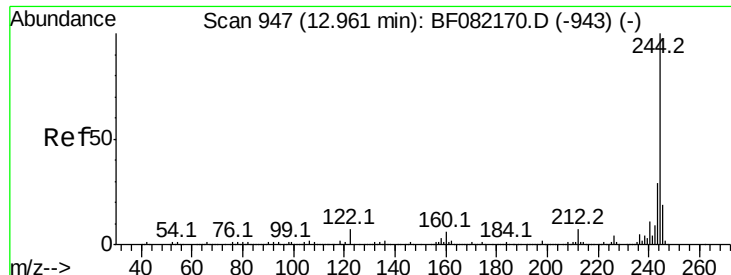


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.21 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082262.D

Acq: 13 Oct 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB86086TB

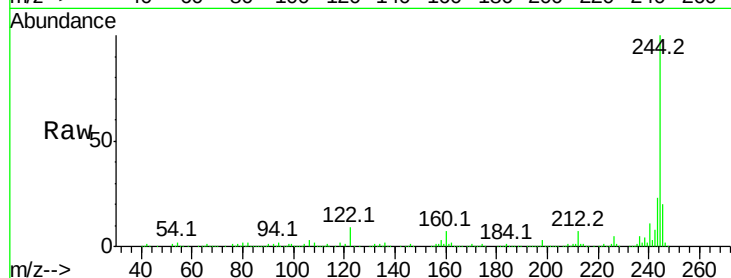
Tot Ion:244 Resp: 830112

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

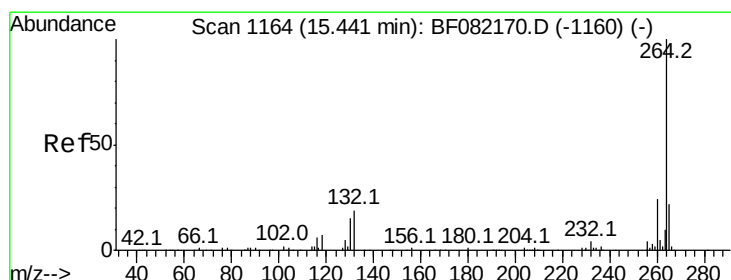
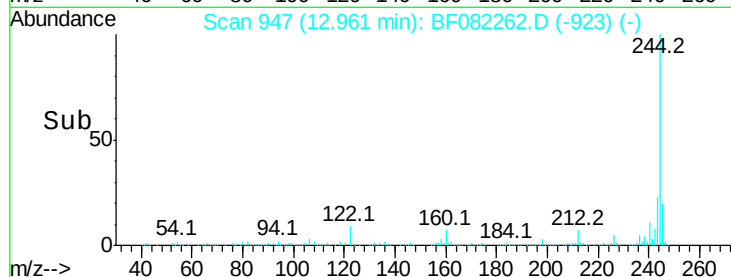
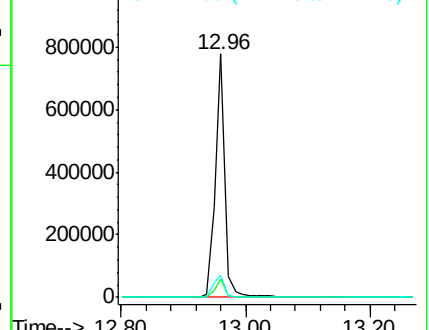
122 9.2 5.9 8.9#



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: 15.60 min Scan# 1178

Delta R.T. -0.17 min

Lab File: BF082262.D

Acq: 13 Oct 2015 19:03

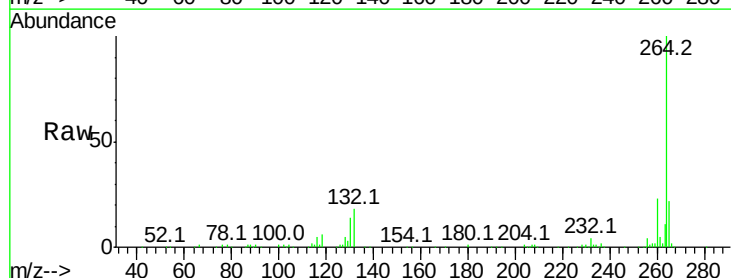
Tgt Ion:264 Resp: 268606

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.6 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

