

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082260.D
 Acq On : 13 Oct 2015 18:05
 Operator : UM/IZ
 Sample : PB86086BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BL

Quant Time: Oct 14 01:55:50 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	78430	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	303965	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	148162	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	297715	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	290095	20.00	ng	-0.07
86) Perylene-d12	15.64	264	247701	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	459636	118.28	ng	0.01
7) Phenol-d6	6.46	99	535846	105.96	ng	-0.01
23) Nitrobenzene-d5	7.39	82	354748	78.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	152686	109.89	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	698154	78.14	ng	-0.01
78) Terphenyl-d14	12.96	244	776419	70.92	ng	-0.02

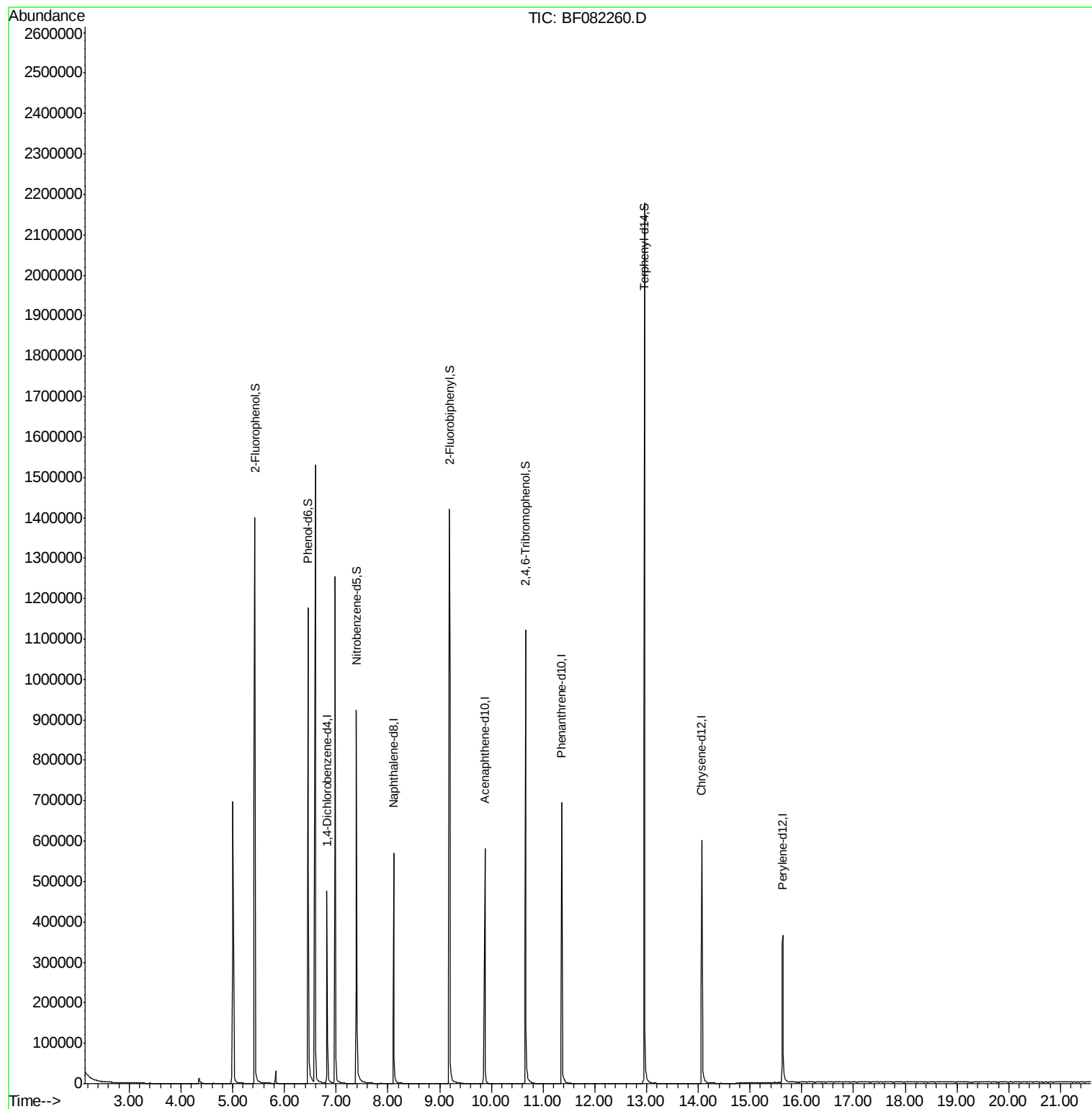
Target Compounds Qvalue

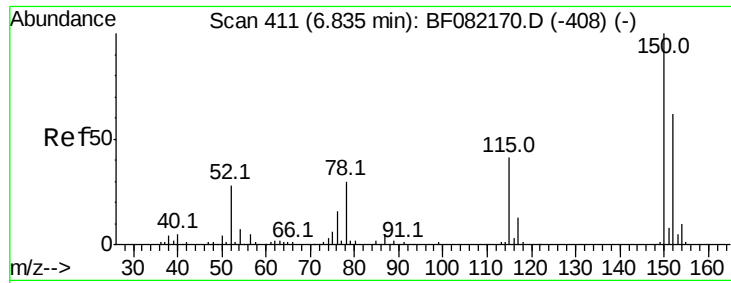
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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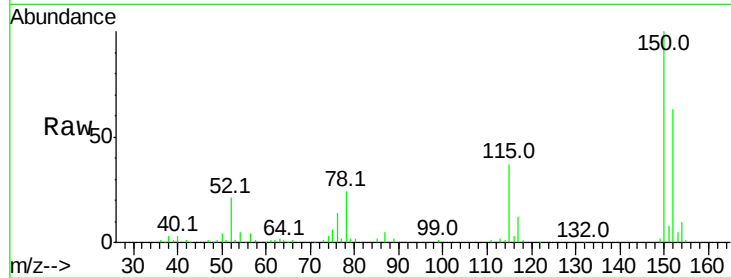


#1

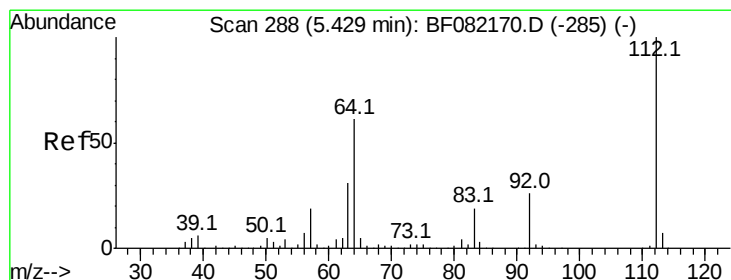
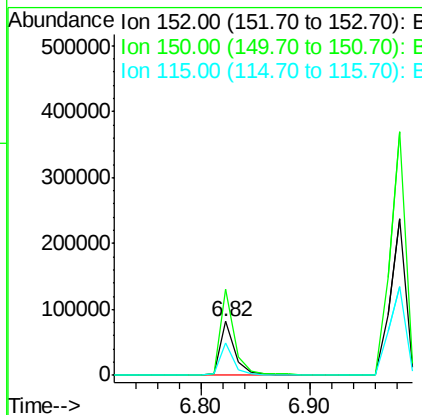
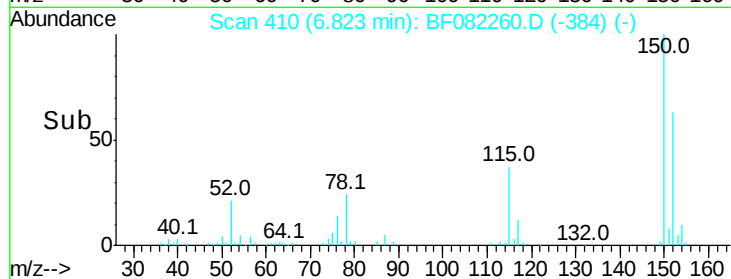
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF082260.D
 Acq: 13 Oct 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BL

Tot Ion:152 Resp: 78430
 Ion Ratio Lower Upper
 152 100
 150 159.2 129.0 193.4
 115 59.2 52.1 78.1



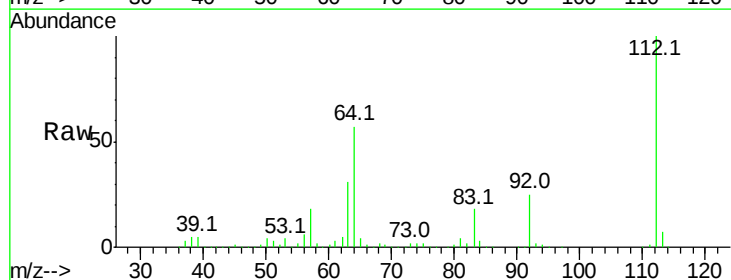
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



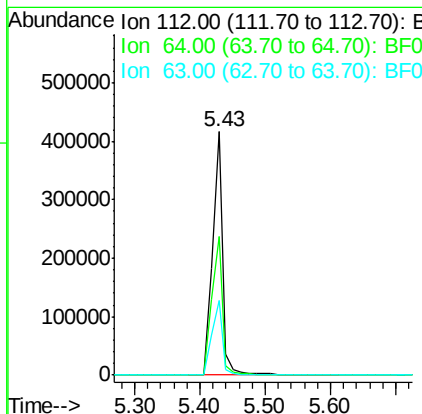
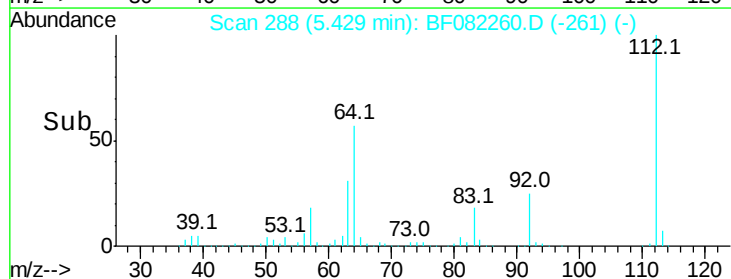
#5

2-Fluorophenol
 Concen: 118.28 ng
 RT: 5.43 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: BF082260.D
 Acq: 13 Oct 2015 18:05

Tgt Ion:112 Resp: 459636
 Ion Ratio Lower Upper
 112 100
 64 57.1 48.6 73.0
 63 30.5 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: 105.96 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082260.D

Acq: 13 Oct 2015 18:05

Instrument :

BNA_F

ClientSampled :

PB86086BL

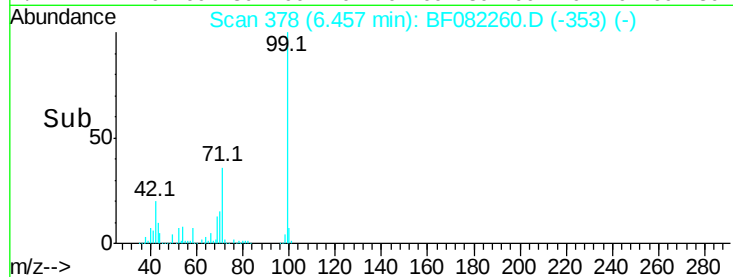
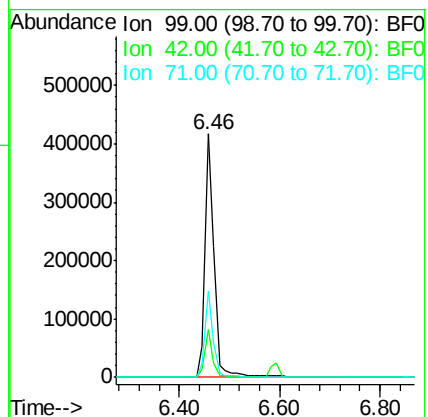
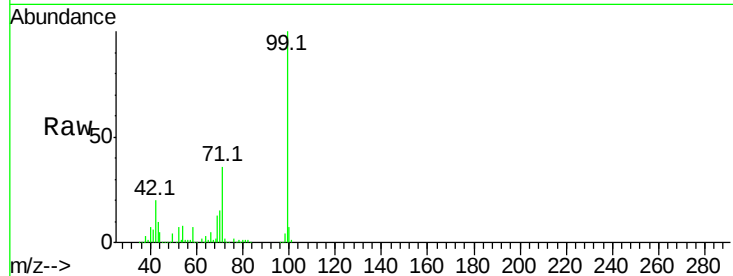
Tot Ion: 99 Resp: 535846

Ion Ratio Lower Upper

99 100

42 19.5 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: BF082260.D

Acq: 13 Oct 2015 18:05

Tgt Ion: 136 Resp: 303965

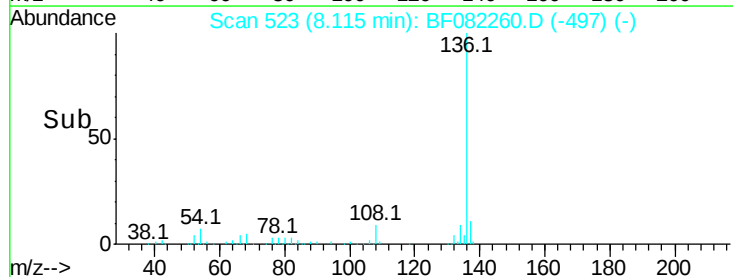
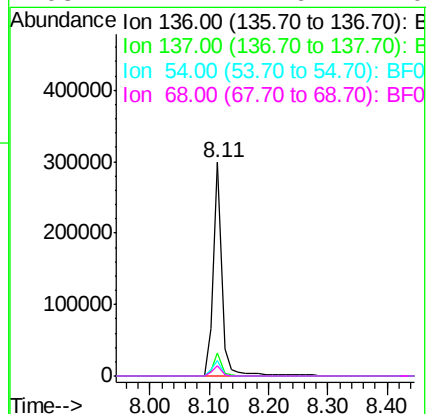
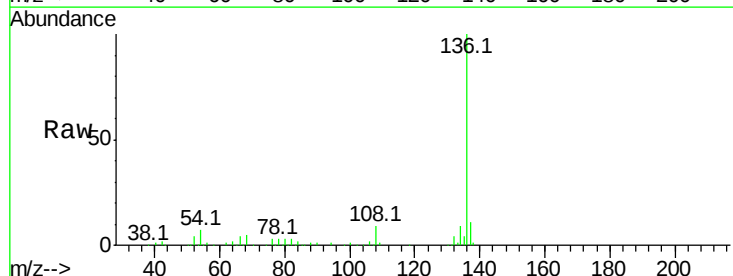
Ion Ratio Lower Upper

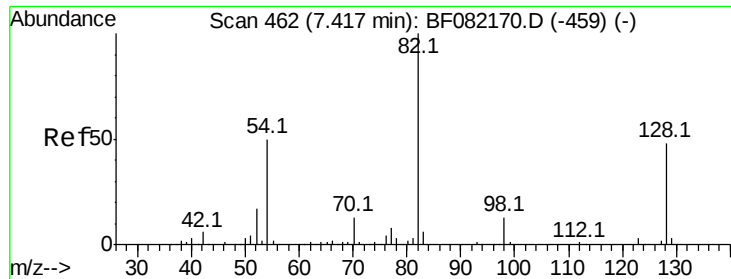
136 100

137 10.9 9.0 13.6

54 7.3 7.5 11.3#

68 4.7 4.6 7.0

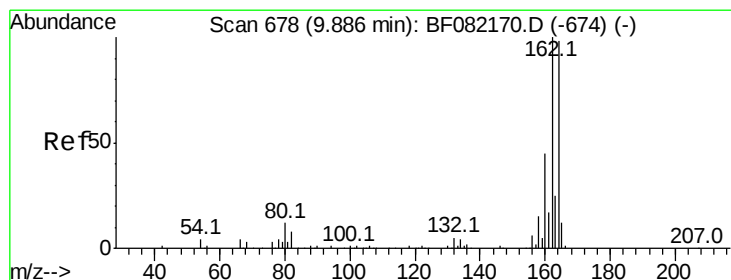
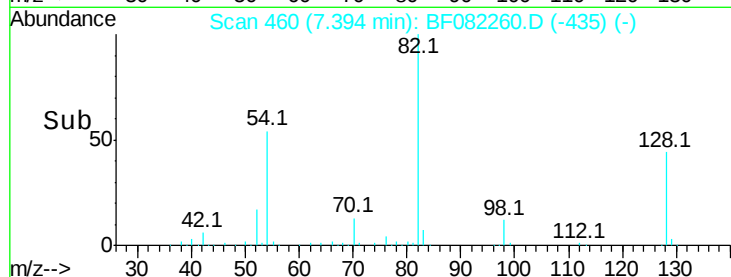
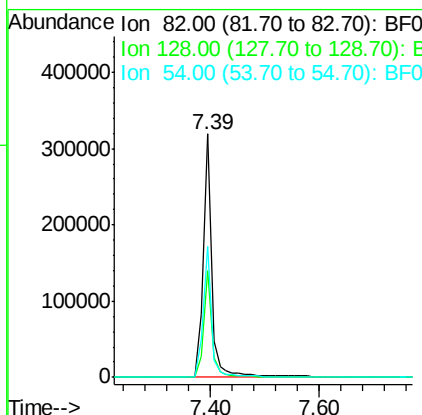
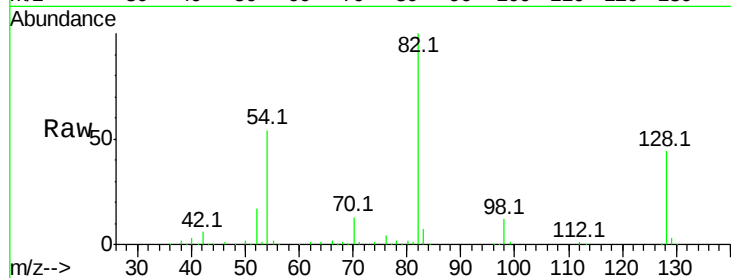




#23
 Nitrobenzene-d5
 Concen: 78.37 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082260.D
 Acq: 13 Oct 2015 18:05

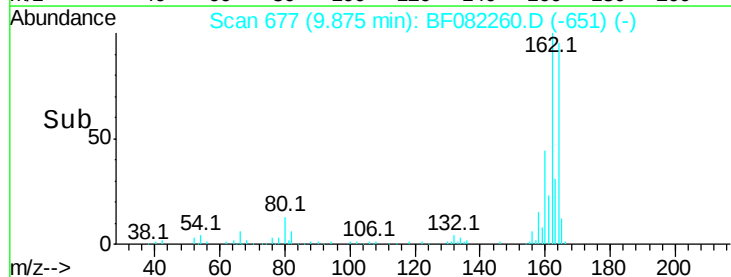
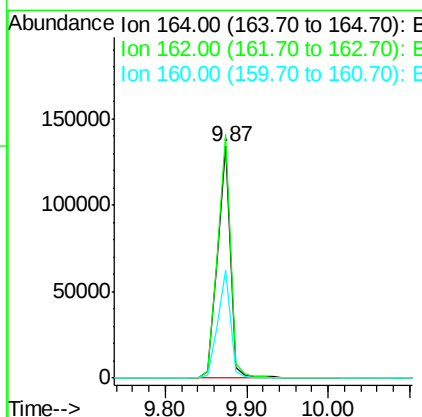
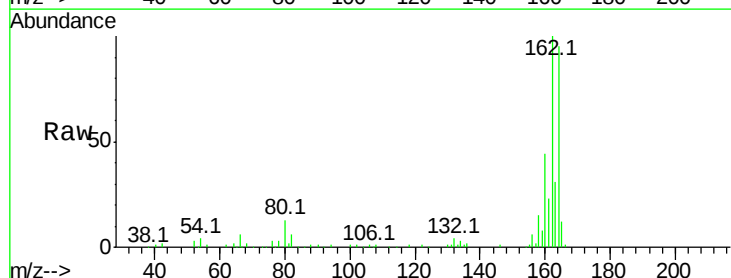
Instrument :
 BNA_F
 ClientSampleID :
 PB86086BL

Tot Ion: 82 Resp: 354748
 Ion Ratio Lower Upper
 82 100
 128 44.0 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: BF082260.D
 Acq: 13 Oct 2015 18:05

Tgt Ion:164 Resp: 148162
 Ion Ratio Lower Upper
 164 100
 162 105.0 81.6 122.4
 160 46.7 36.4 54.6

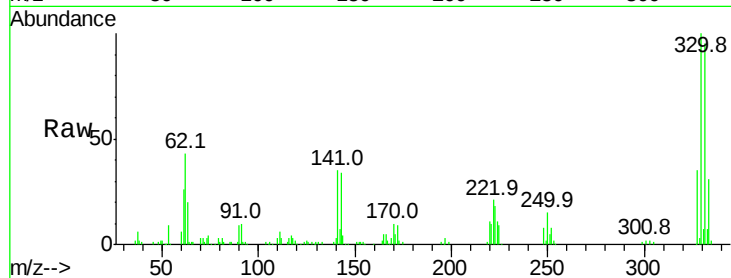




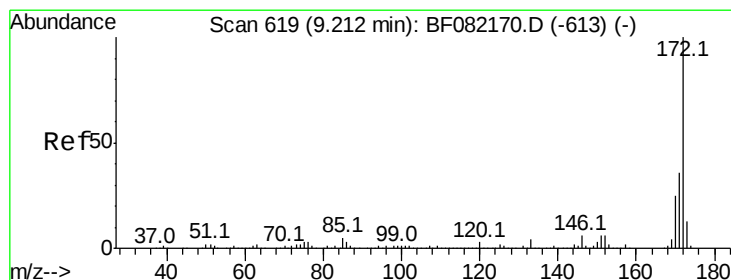
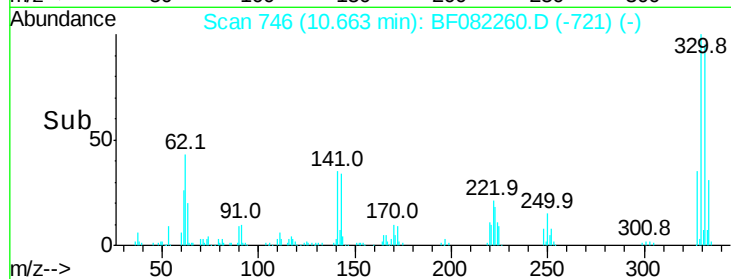
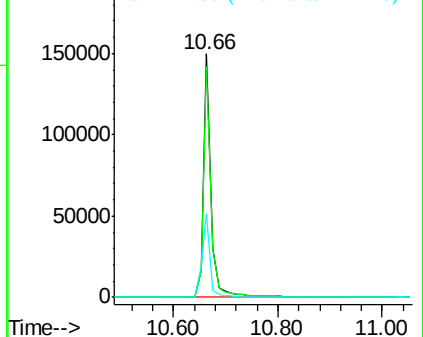
#41
 2,4,6-Tribromophenol
 Concen: 109.89 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082260.D
 Acq: 13 Oct 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BL

Tot Ion:330 Resp: 152686
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.1 115.7
 141 36.7 29.8 44.8

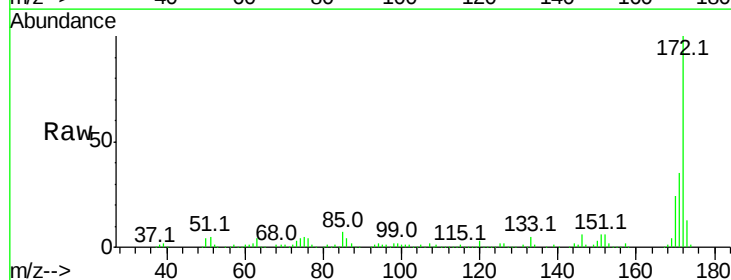


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

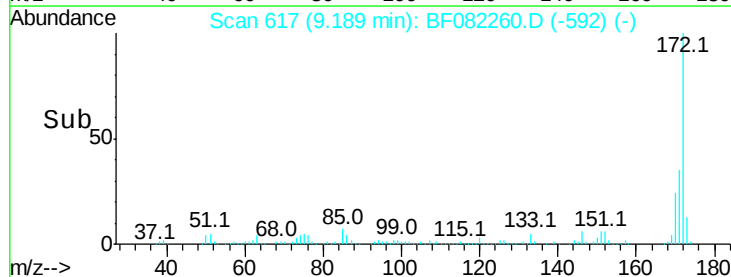
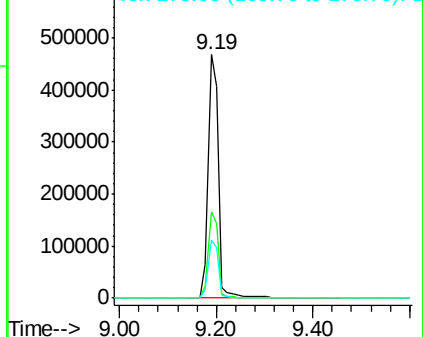


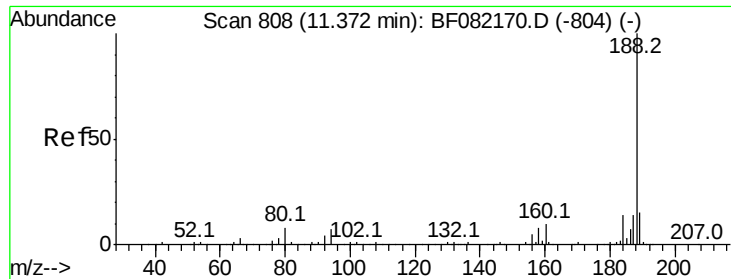
#44
 2-Fluorobiphenyl
 Concen: 78.14 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082260.D
 Acq: 13 Oct 2015 18:05

Tgt Ion:172 Resp: 698154
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.8 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

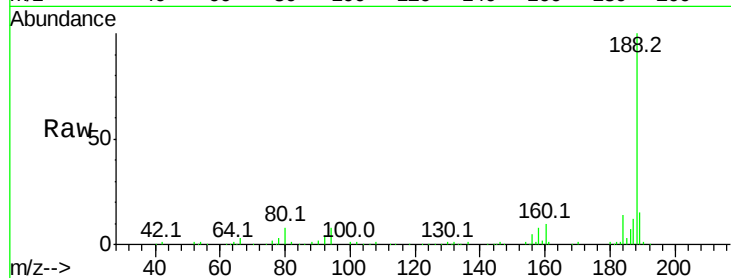




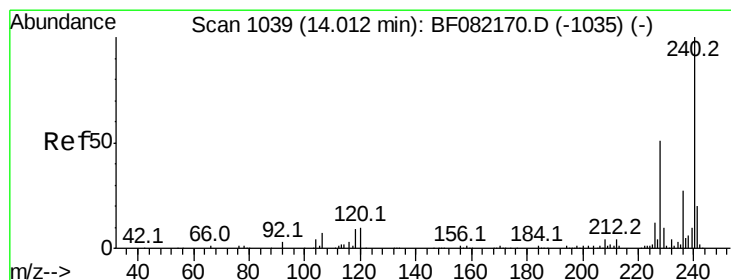
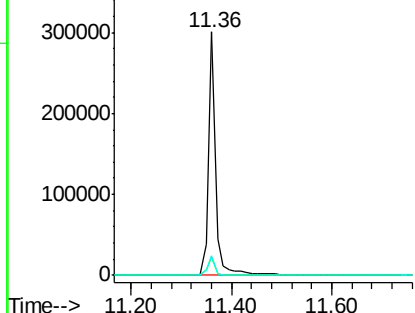
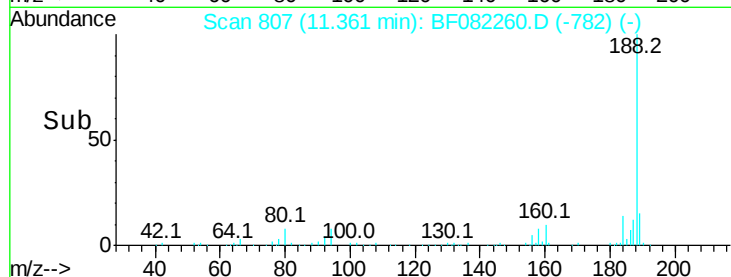
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082260.D
Acq: 13 Oct 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB86086BL

Tot Ion:188 Resp: 297715
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 8.0 6.4 9.6

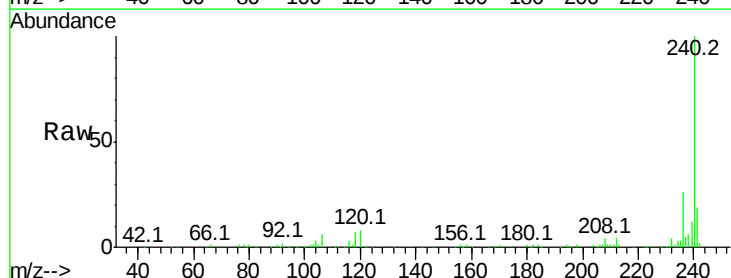


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

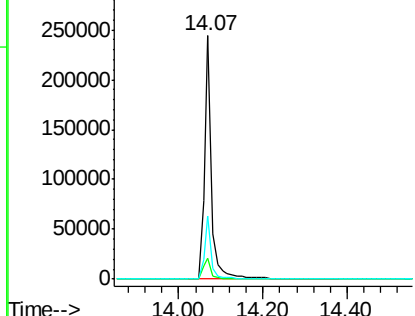
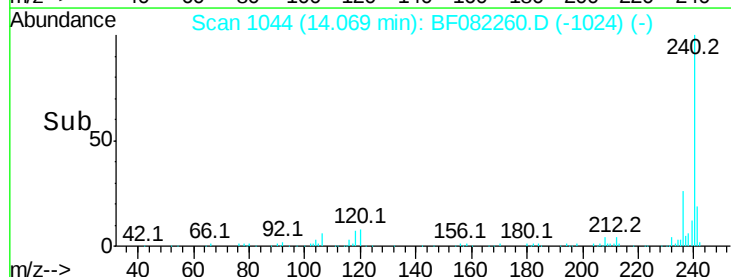


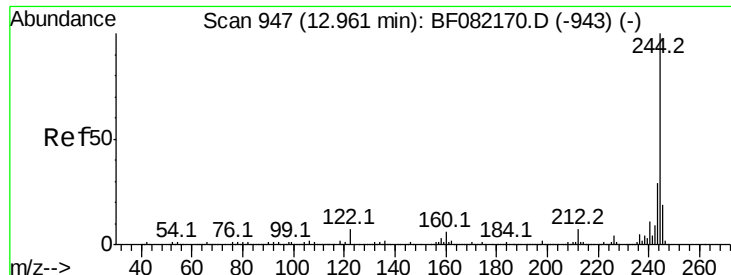
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.07 min
Lab File: BF082260.D
Acq: 13 Oct 2015 18:05

Tgt Ion:240 Resp: 290095
Ion Ratio Lower Upper
240 100
120 8.5 8.1 12.1
236 26.1 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: 70.92 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082260.D

Acq: 13 Oct 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB86086BL

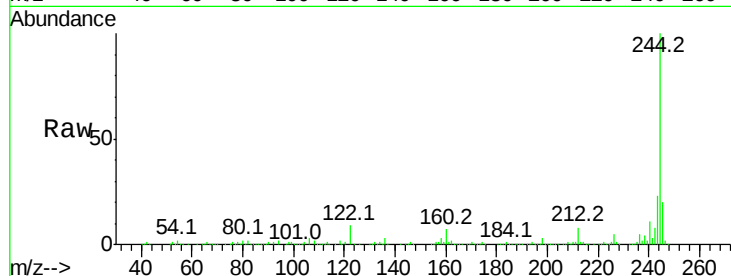
Tot Ion:244 Resp: 776419

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

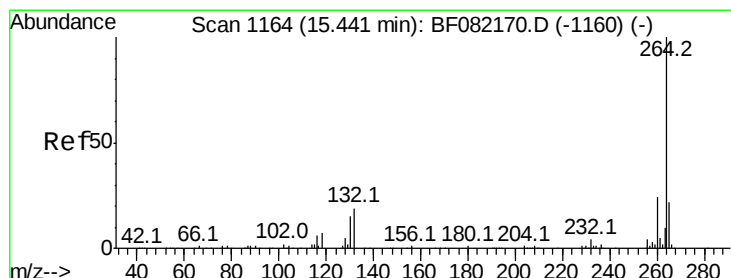
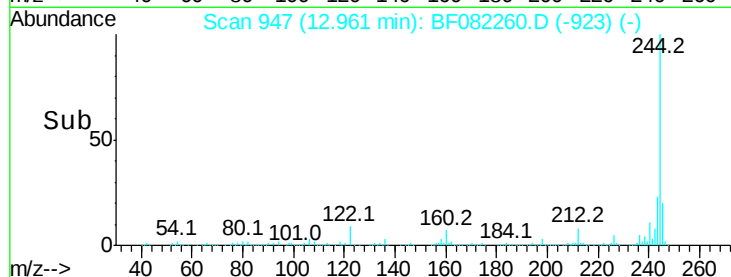
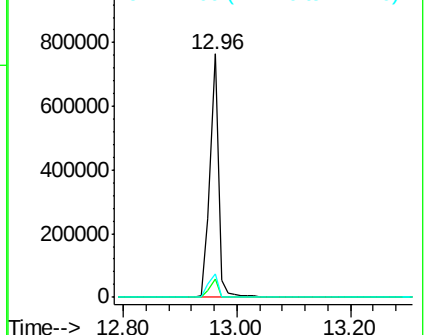
122 9.4 5.9 8.9#



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: 15.64 min Scan# 1181

Delta R.T. -0.14 min

Lab File: BF082260.D

Acq: 13 Oct 2015 18:05

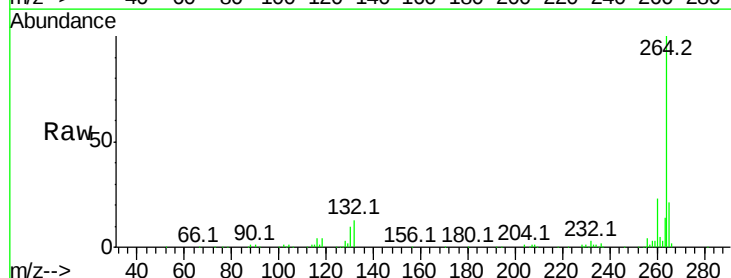
Tgt Ion:264 Resp: 247701

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 20.7 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

