

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086202.D
 Acq On : 9 Apr 2016 7:10
 Operator : UM/SJ
 Sample : H2373-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-21(0.5-20.0)

Quant Time: Apr 11 00:53:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

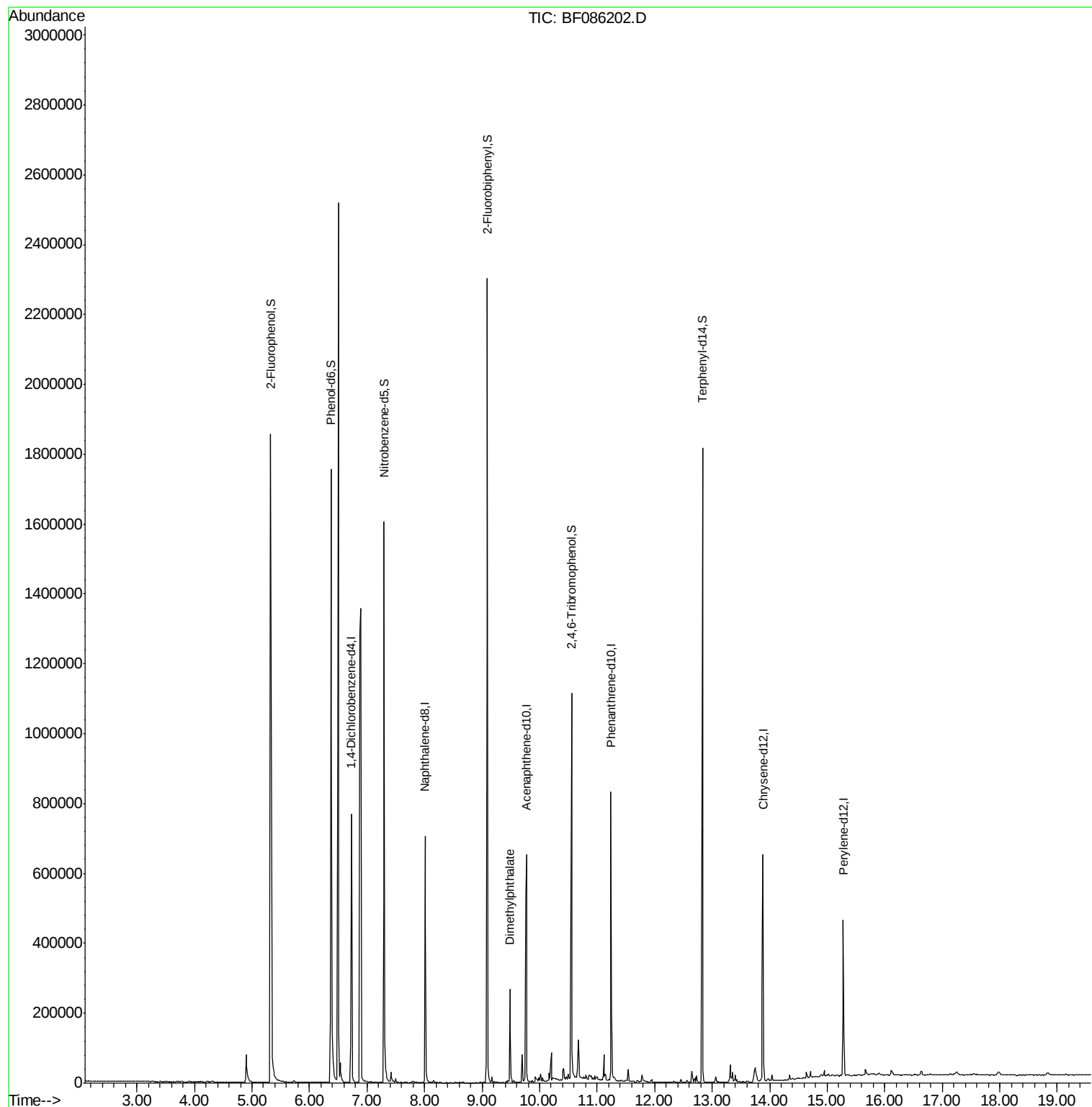
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	115704	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	424893	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	178583	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	291966	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	237809	20.00	ng	-0.05
86) Perylene-d12	15.28	264	189696	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	716434	105.84	ng	-0.05
7) Phenol-d6	6.37	99	877245	102.03	ng	-0.05
23) Nitrobenzene-d5	7.30	82	581339	80.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	159484	95.15	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	880680	82.00	ng	-0.05
78) Terphenyl-d14	12.83	244	599237	59.23	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.48	163	132311	10.00	ng	Qvalue # 99

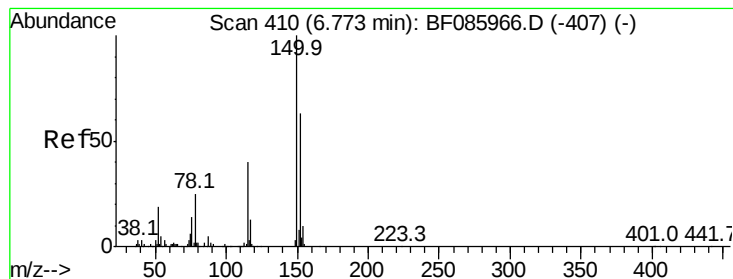
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-21(0.5-20.0)

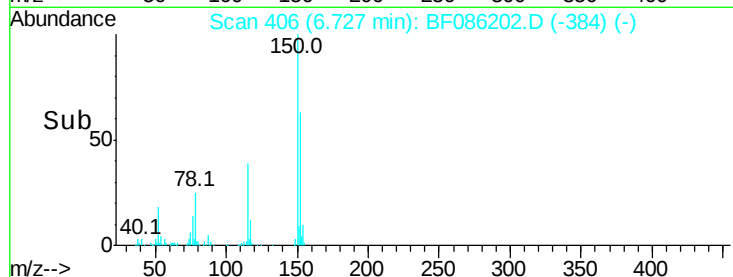
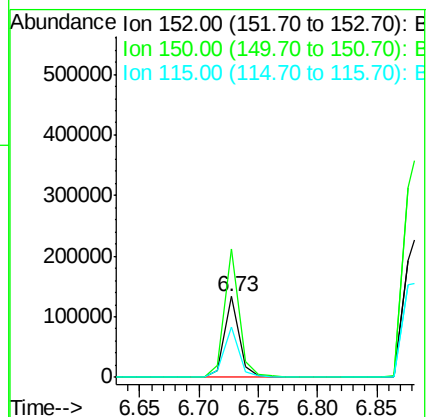
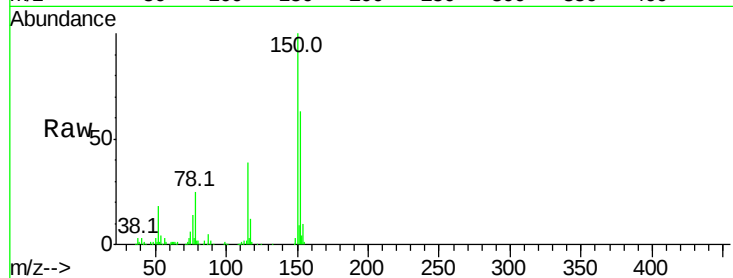
Tot Ion:152 Resp: 115704

Ion Ratio Lower Upper

152 100

150 158.2 124.2 186.2

115 62.0 47.0 70.6



#5

2-Fluorophenol

Concen: 105.84 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.05 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

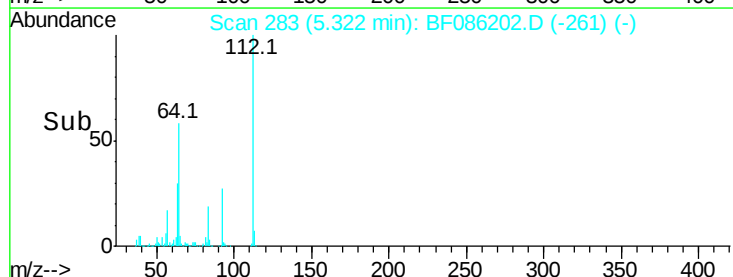
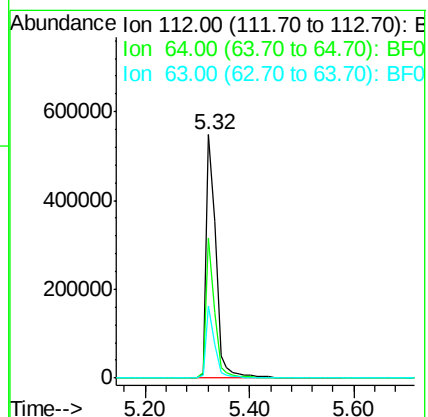
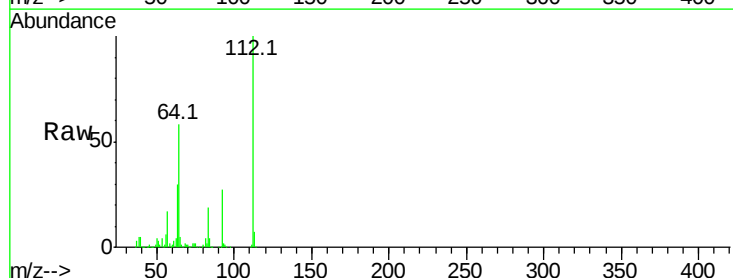
Tgt Ion:112 Resp: 716434

Ion Ratio Lower Upper

112 100

64 57.6 39.9 59.9

63 29.5 20.2 30.2





#7

Phenol-d6

Concen: 102.03 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-21(0.5-20.0)

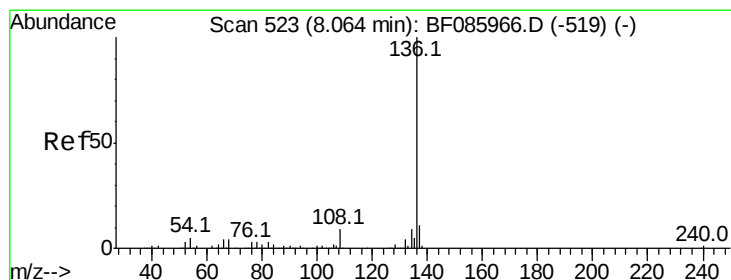
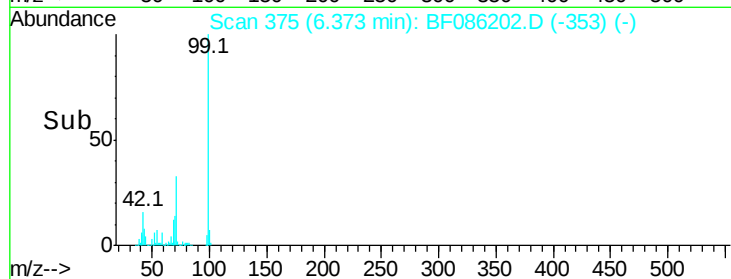
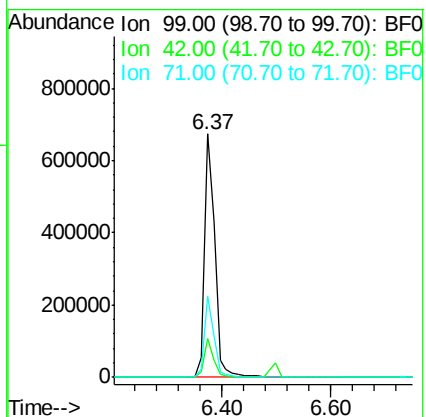
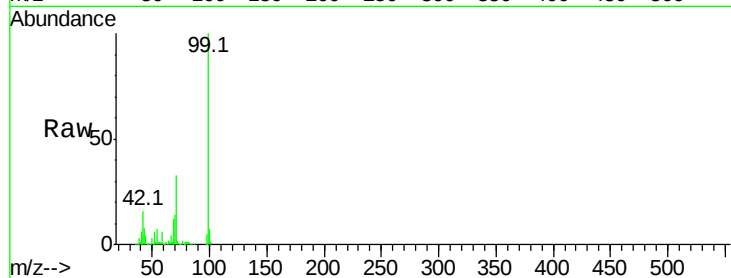
Tot Ion: 99 Resp: 877245

Ion Ratio Lower Upper

99 100

42 15.9 11.1 16.7

71 33.1 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

Tgt Ion: 136 Resp: 424893

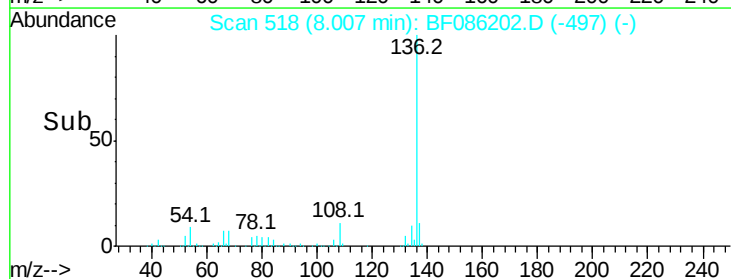
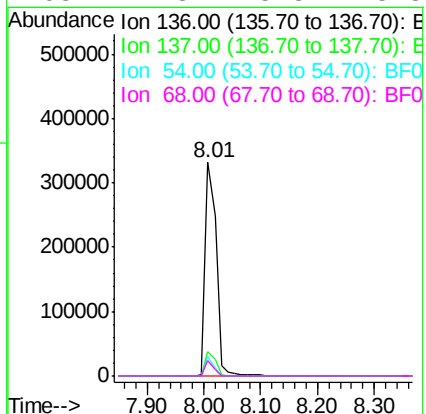
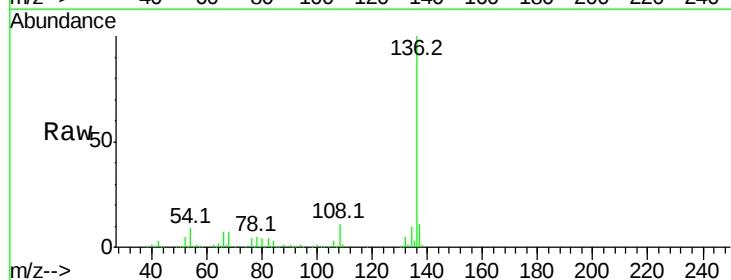
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.2 7.4 11.0

68 7.3 5.8 8.8

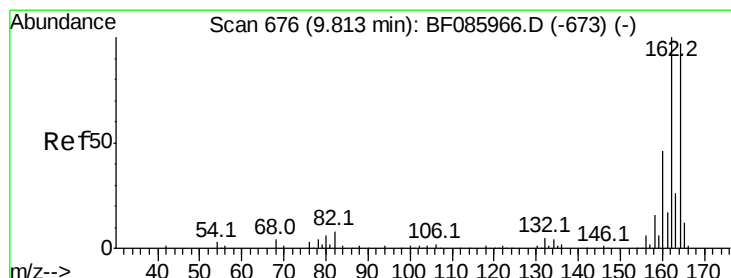
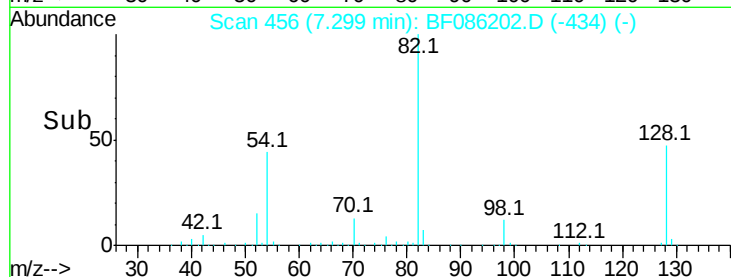
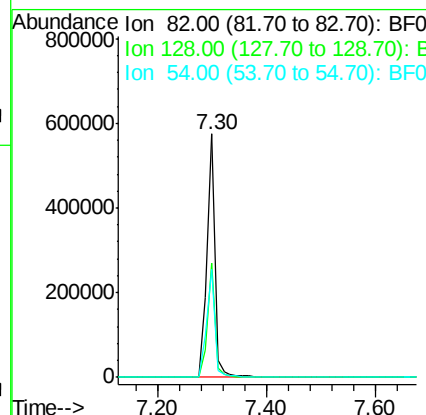
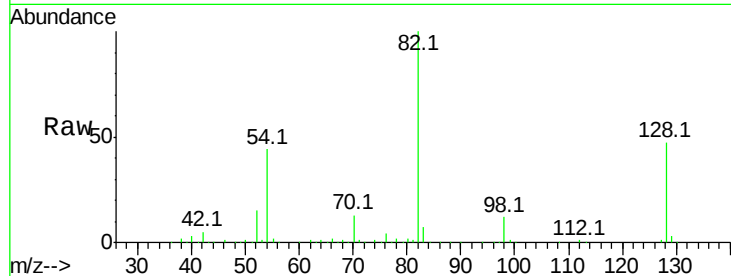




#23
 Nitrobenzene-d5
 Concen: 80.69 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086202.D
 Acq: 9 Apr 2016 7:10

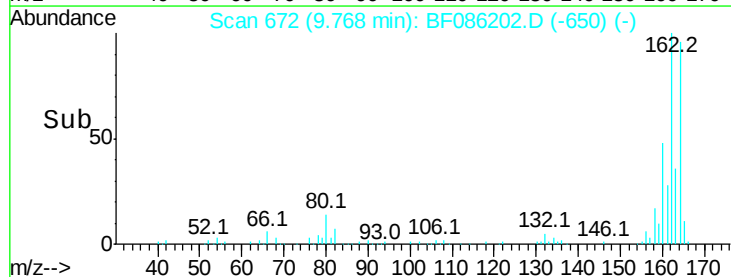
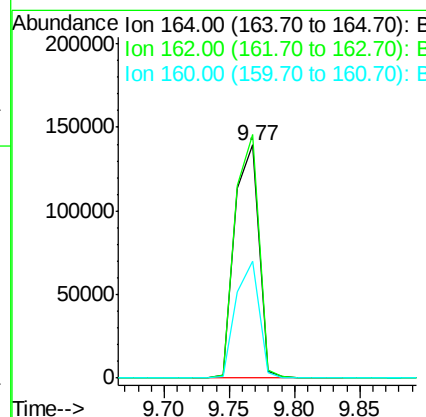
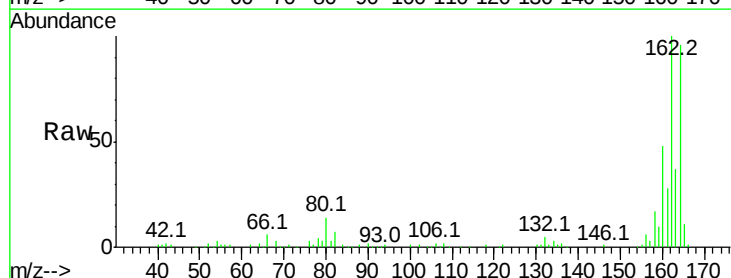
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-21(0.5-20.0)

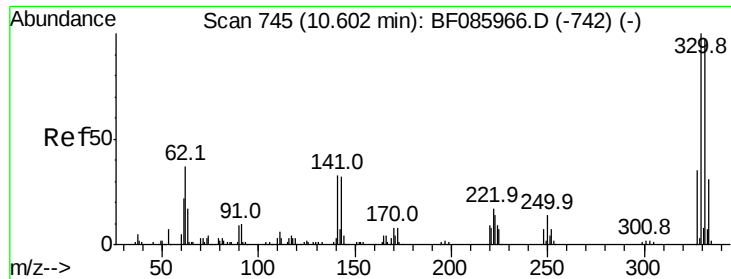
Tot Ion	82	Resp	581339
Ion Ratio	100	Lower	Upper
128	46.9	41.8	62.8
54	44.2	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086202.D
 Acq: 9 Apr 2016 7:10

Tgt Ion	164	Resp	178583
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.5	82.1	123.1
160	50.0	37.4	56.2

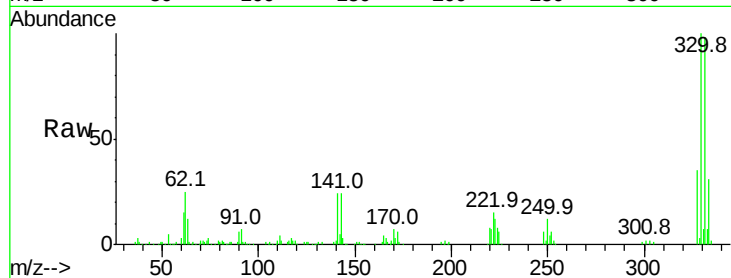




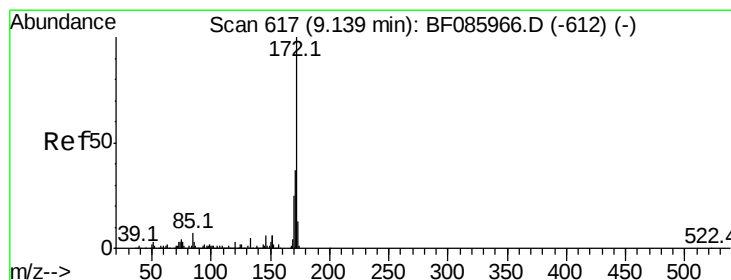
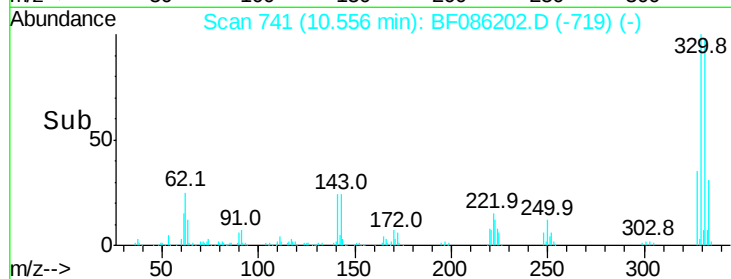
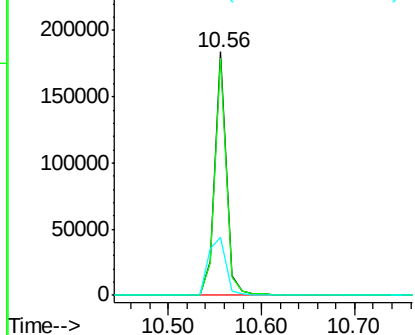
#41
 2,4,6-Tribromophenol
 Concen: 95.15 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086202.D
 Acq: 9 Apr 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-21(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	36.6	31.5	47.3

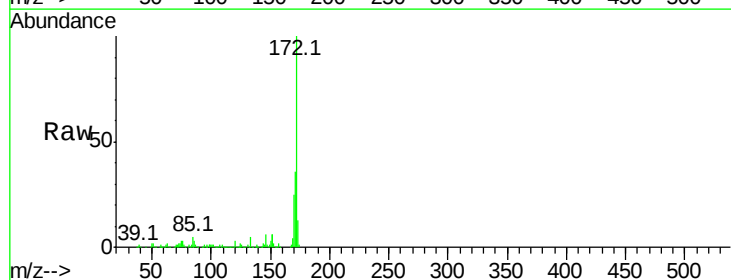


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

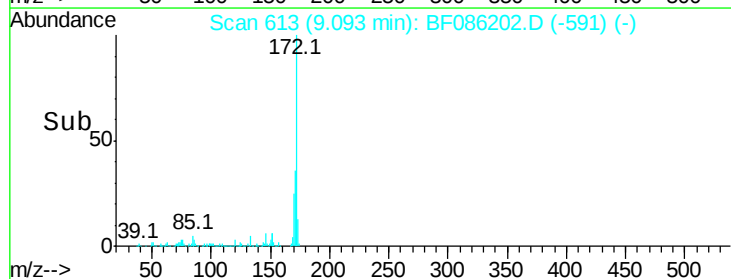
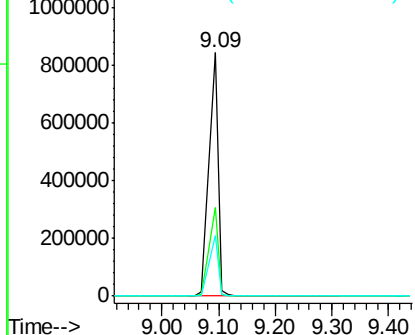


#44
 2-Fluorobiphenyl
 Concen: 82.00 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086202.D
 Acq: 9 Apr 2016 7:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.7	19.8	29.6



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





#49

Dimethylphthalate

Concen: 10.00 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.06 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-21(0.5-20.0)

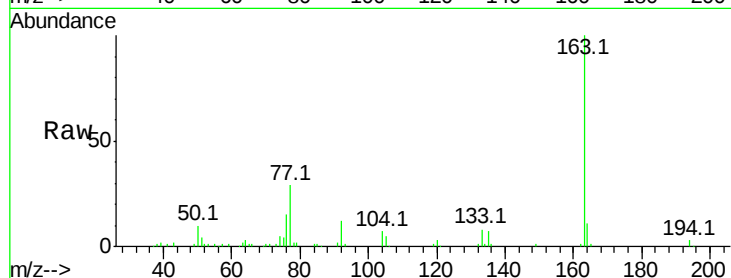
Tot Ion:163 Resp: 132311

Ion Ratio Lower Upper

163 100

194 2.9 2.9 4.3#

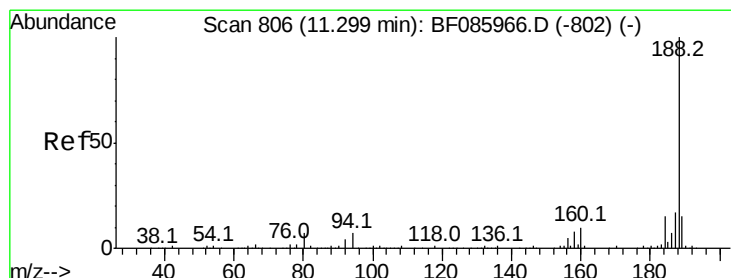
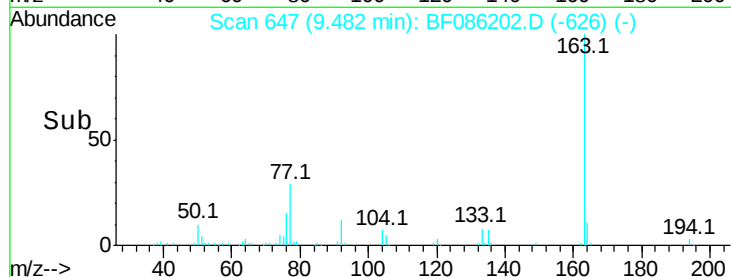
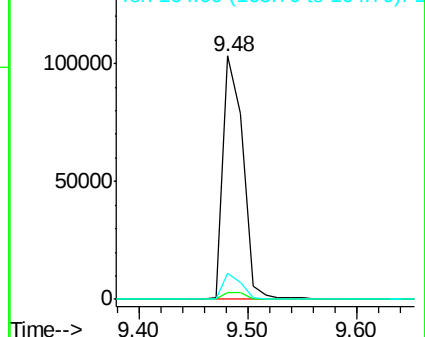
164 10.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.06 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

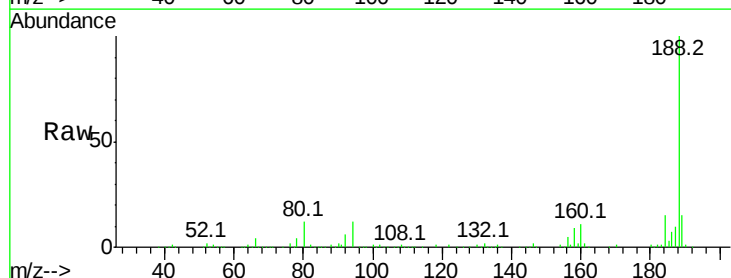
Tgt Ion:188 Resp: 291966

Ion Ratio Lower Upper

188 100

94 11.8 5.4 8.0#

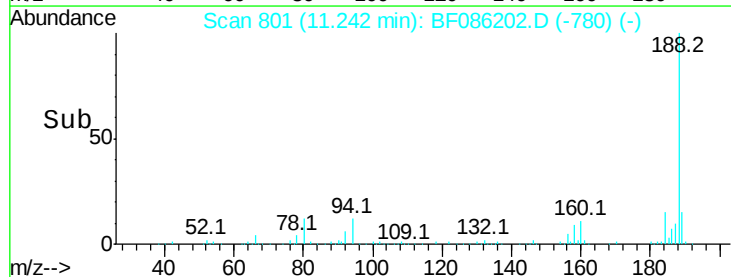
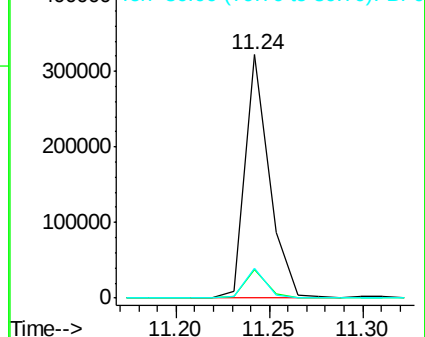
80 12.3 5.5 8.3#

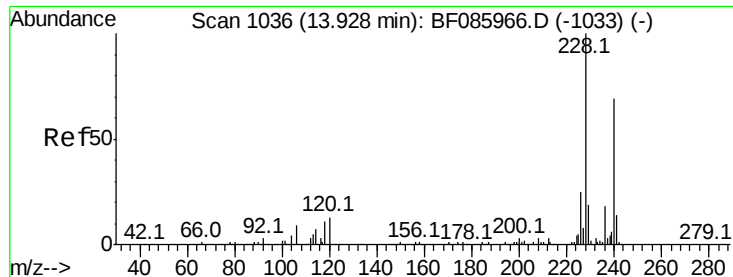


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-21(0.5-20.0)

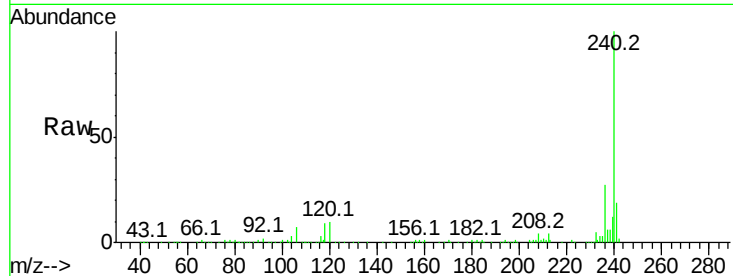
Tot Ion:240 Resp: 237809

Ion Ratio Lower Upper

240 100

120 9.8 13.8 20.8#

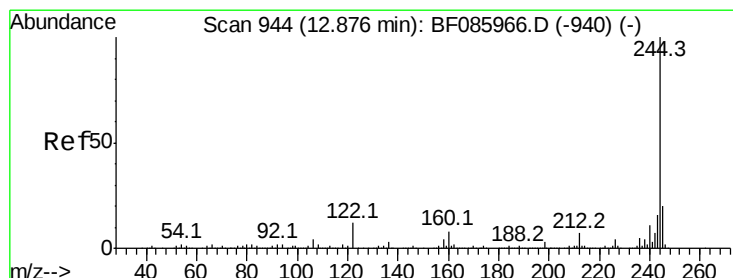
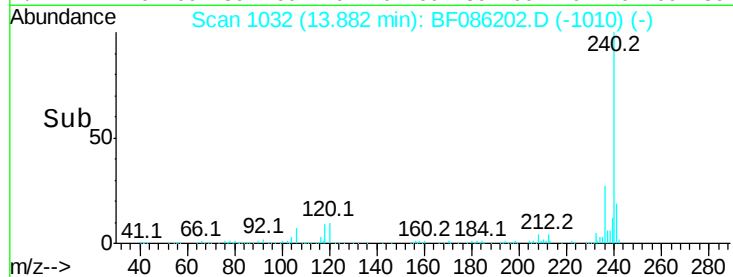
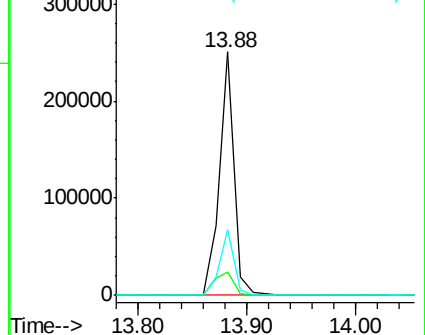
236 26.8 20.6 30.8



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: 59.23 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086202.D

Acq: 9 Apr 2016 7:10

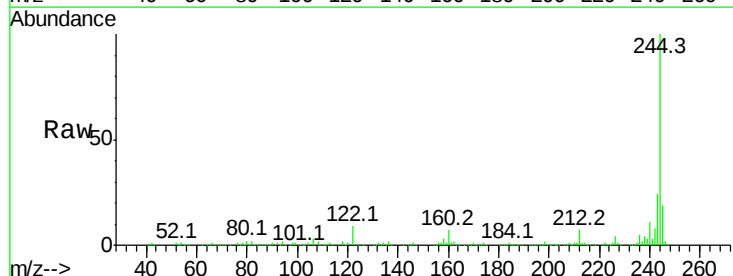
Tgt Ion:244 Resp: 599237

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

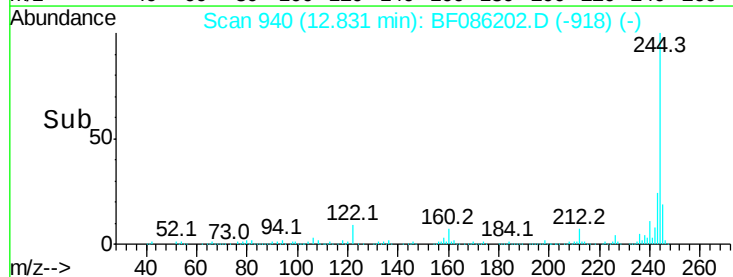
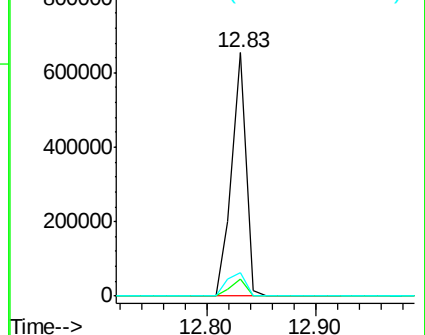
122 9.4 10.2 15.4#

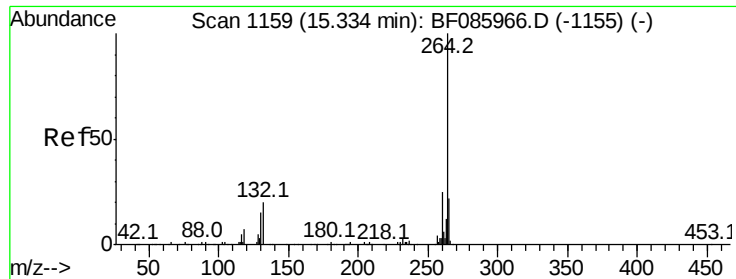


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086202.D
Acq: 9 Apr 2016 7:10

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-21(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.4	17.2	25.8

