

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086008.D
 Acq On : 2 Apr 2016 13:33
 Operator : UM/SJ
 Sample : H2055-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-10(5-7.5)

Quant Time: Apr 04 02:07:42 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

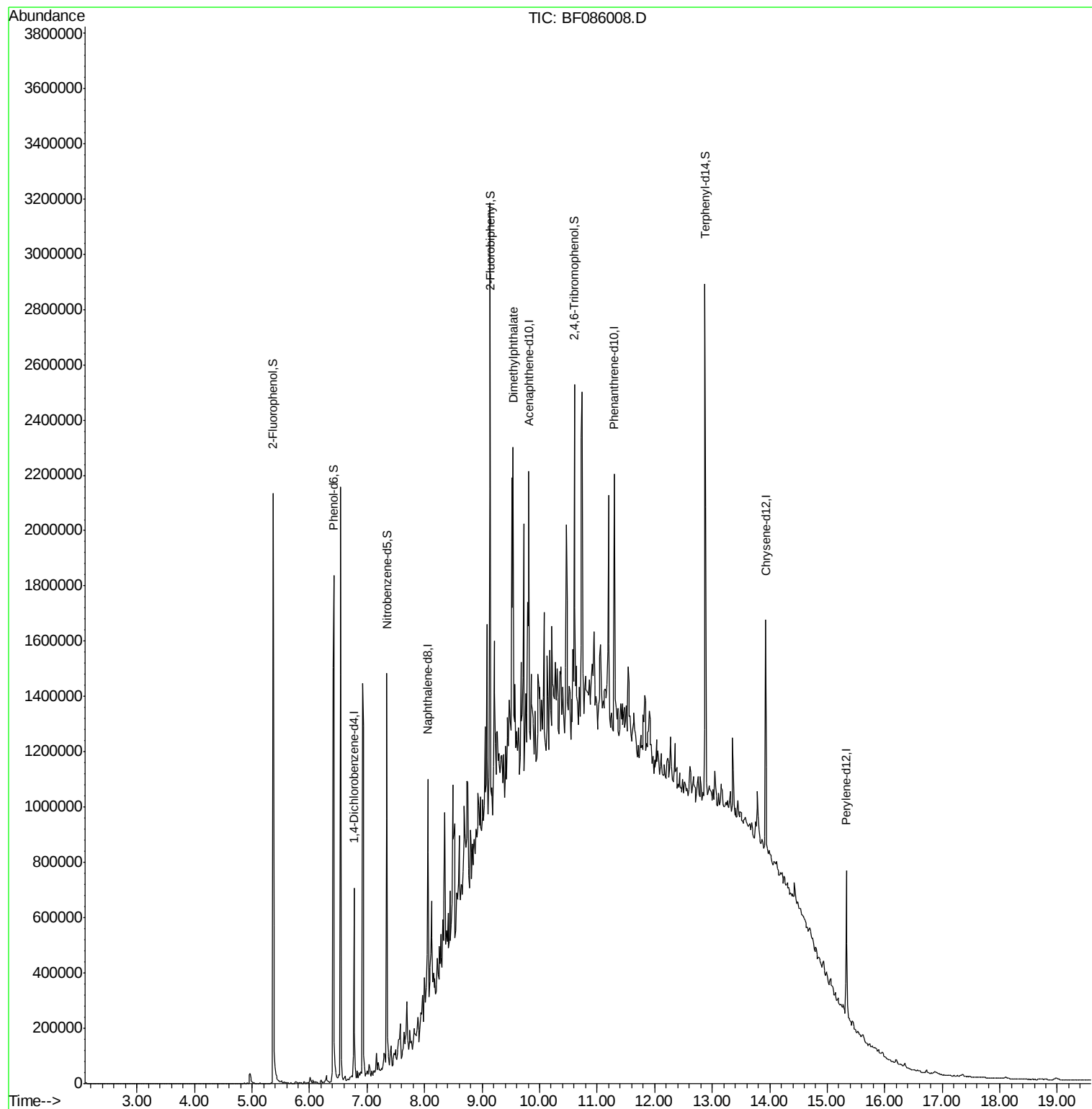
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106517	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	414314	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	190270	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	370776	20.00	ng	0.00
75) Chrysene-d12	13.93	240	315890	20.00	ng	0.00
86) Perylene-d12	15.33	264	236245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	685817	110.05	ng	0.00
7) Phenol-d6	6.42	99	997463	126.02	ng	0.00
23) Nitrobenzene-d5	7.34	82	628903	89.52	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	222865	124.79	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	878392	76.76	ng	0.00
78) Terphenyl-d14	12.88	244	823213	61.26	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	145727	10.33	ng	# 97

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

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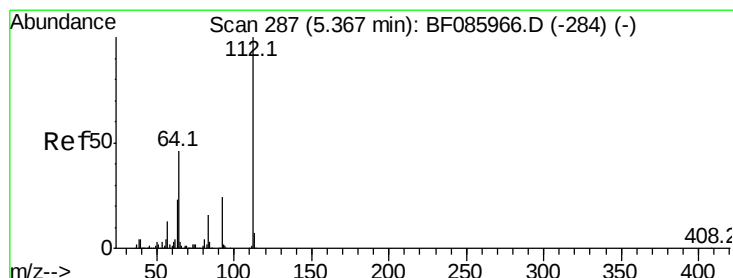
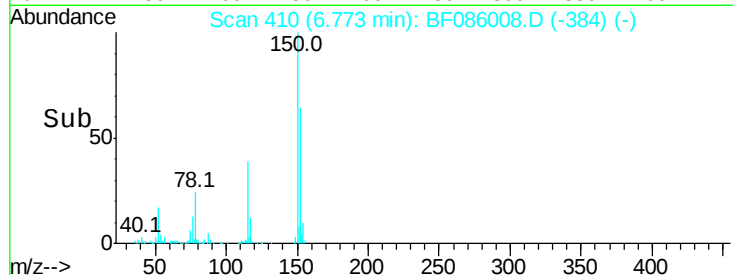
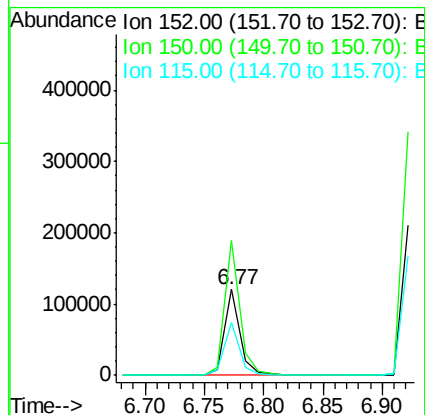
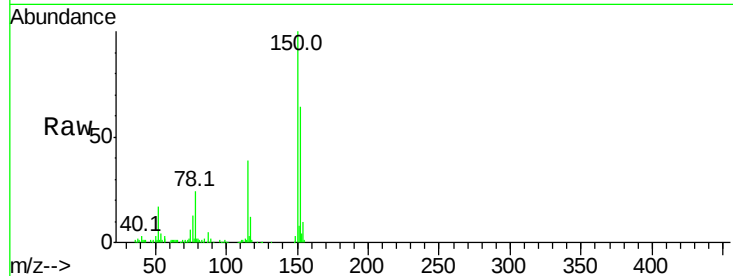


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

Instrument :
BNA_F
ClientSampleId :
BH-10(5-7.5)

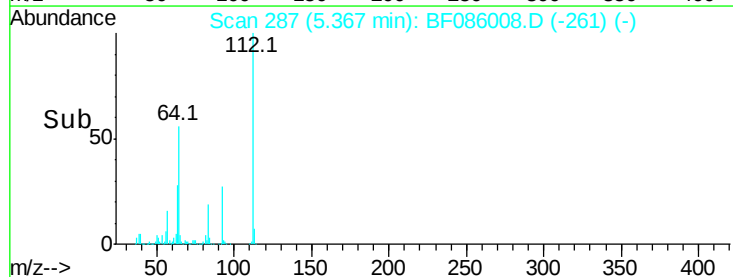
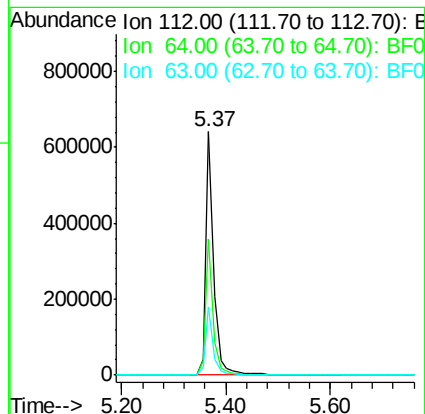
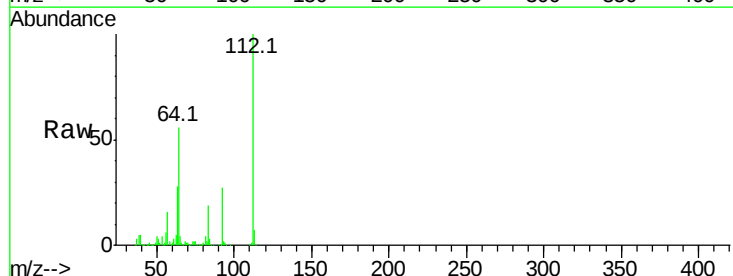
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.2	186.2
115	60.8	47.0	70.6



#5

2-Fluorophenol
Concen: 110.05 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	39.9	59.9
63	28.3	20.2	30.2





#7

Phenol-d6

Concen: 126.02 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

Instrument :

BNA_F

ClientSampleId :

BH-10(5-7.5)

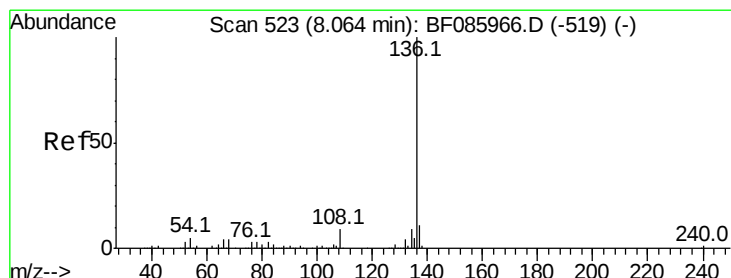
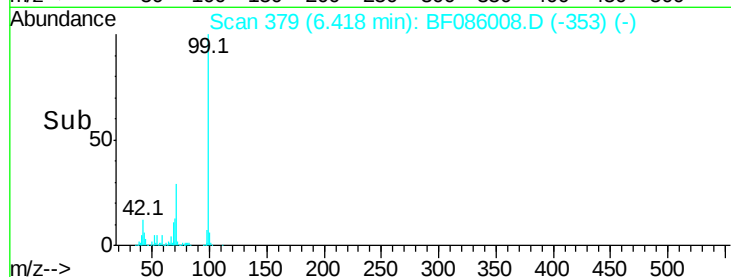
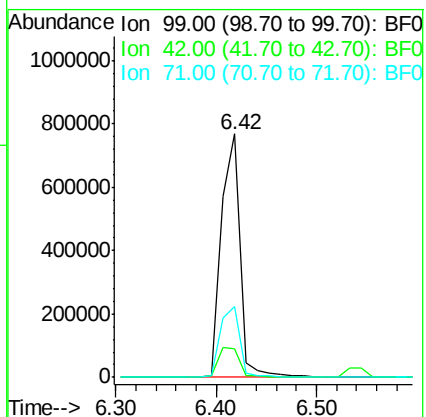
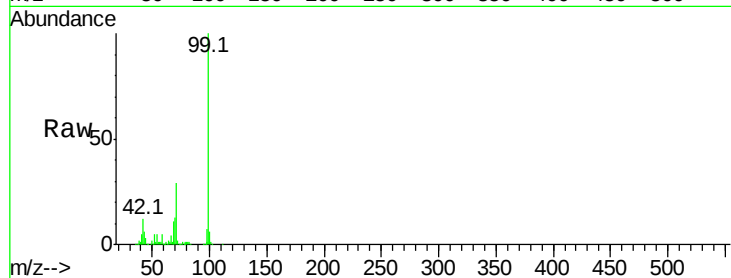
Tot Ion: 99 Resp: 997463

Ion Ratio Lower Upper

99 100

42 11.9 11.1 16.7

71 28.9 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

Tgt Ion: 136 Resp: 414314

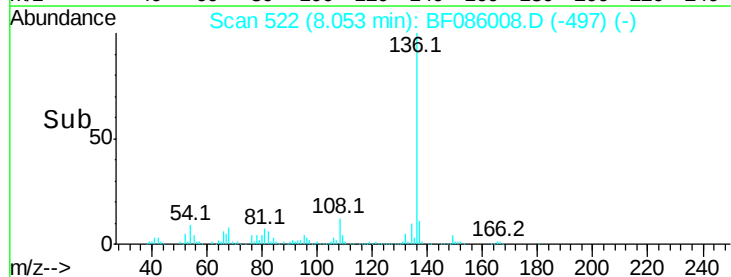
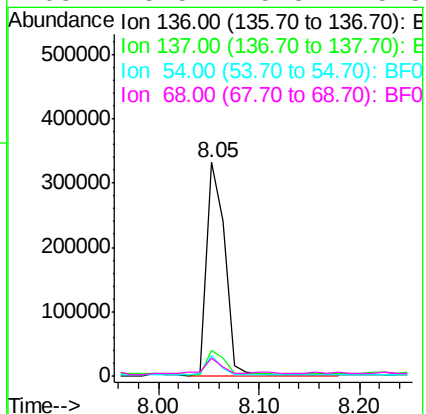
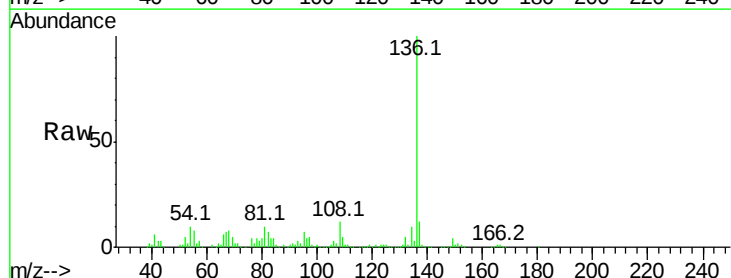
Ion Ratio Lower Upper

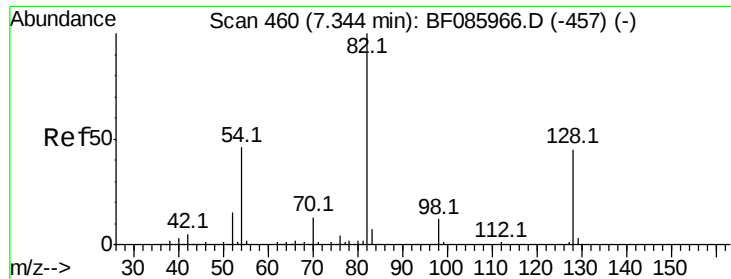
136 100

137 11.9 9.1 13.7

54 9.7 7.4 11.0

68 8.5 5.8 8.8

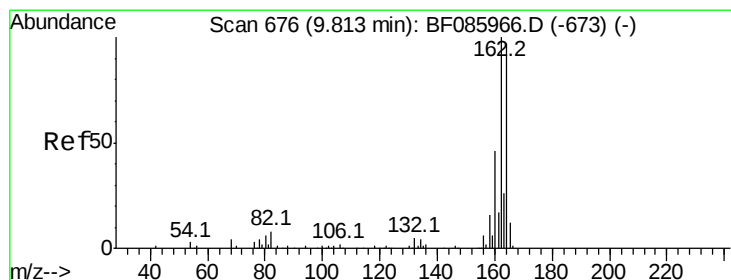
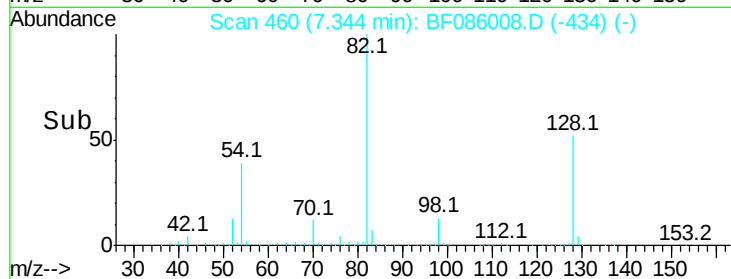
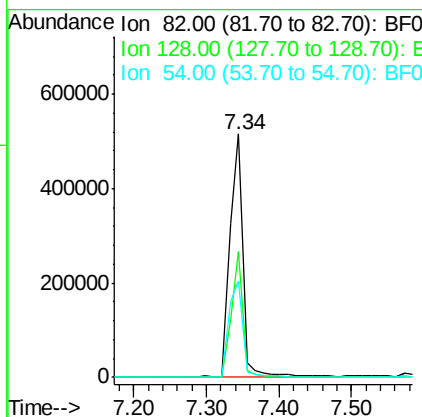
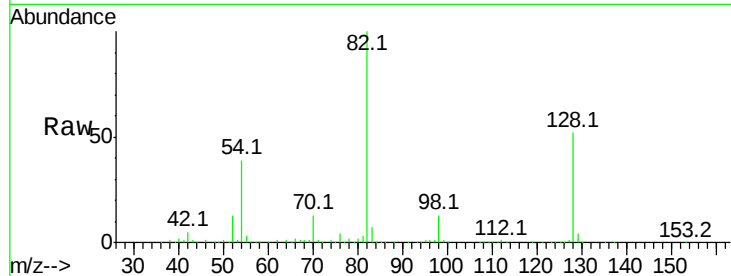




#23
 Nitrobenzene-d5
 Concen: 89.52 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF086008.D
 Acq: 2 Apr 2016 13:33

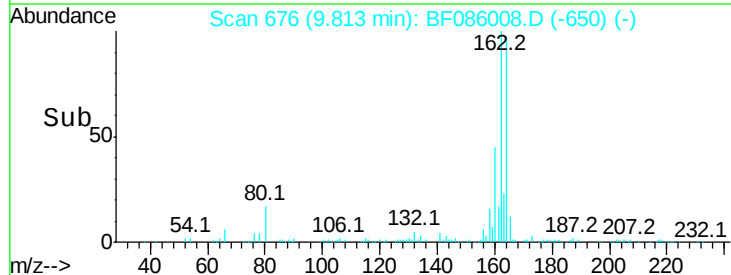
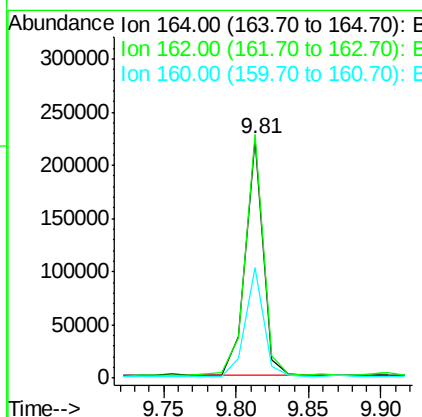
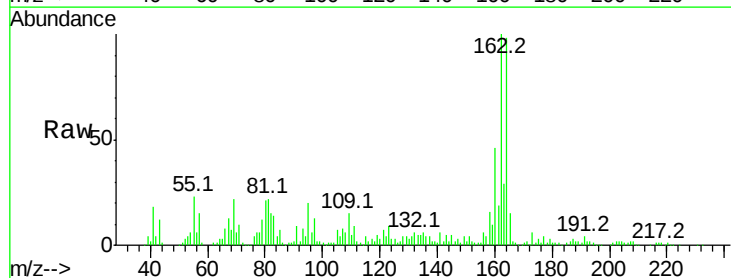
Instrument :
 BNA_F
 ClientSampleId :
 BH-10(5-7.5)

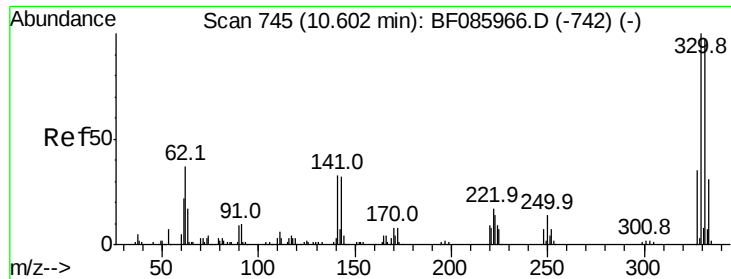
Tot Ion	82	Resp	628903
Ion Ratio	100	Lower	Upper
128	51.9	41.8	62.8
54	39.5	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF086008.D
 Acq: 2 Apr 2016 13:33

Tgt Ion	164	Resp	190270
Ion Ratio	100	Lower	Upper
162	101.9	82.1	123.1
160	46.3	37.4	56.2

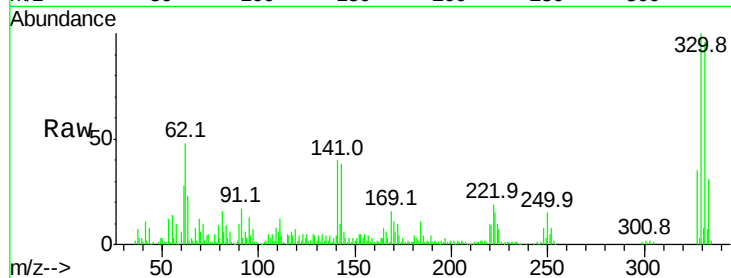




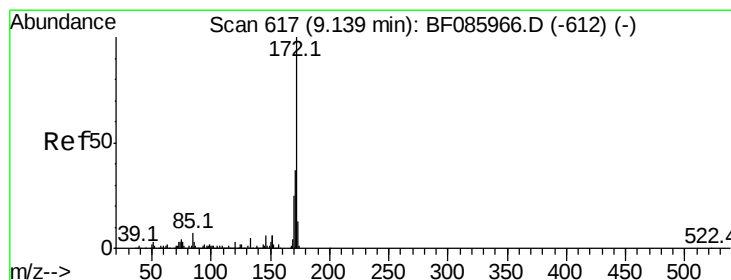
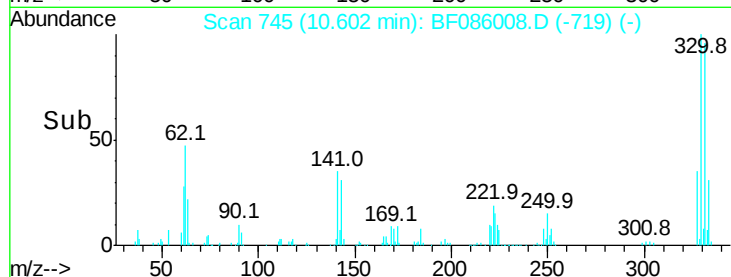
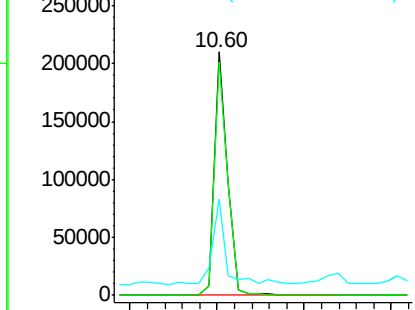
#41
 2,4,6-Tribromophenol
 Concen: 124.79 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086008.D
 Acq: 2 Apr 2016 13:33

Instrument :
 BNA_F
 ClientSampled :
 BH-10(5-7.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.2
141	38.4	31.5	47.3

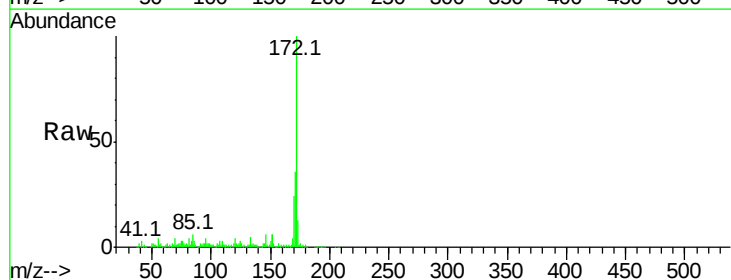


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

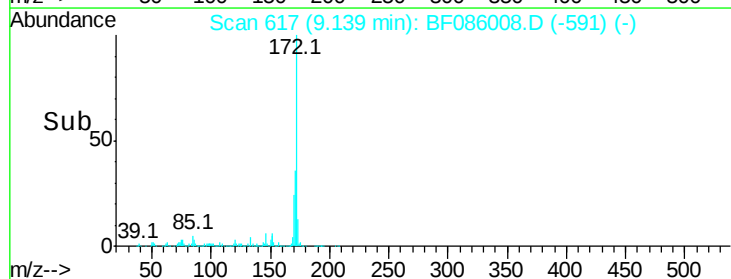
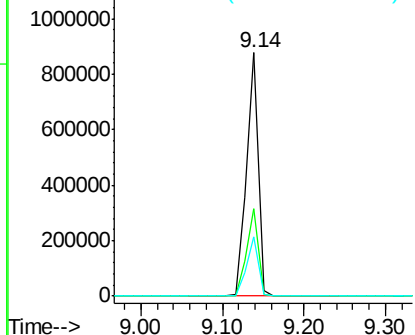


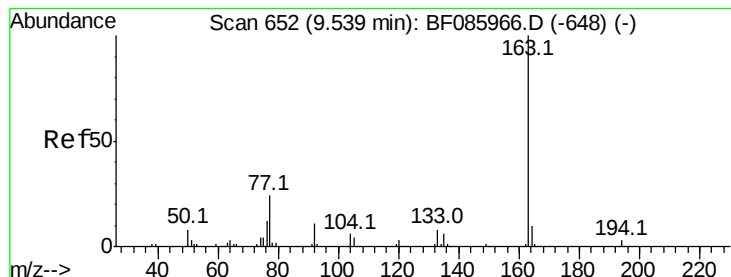
#44
 2-Fluorobiphenyl
 Concen: 76.76 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086008.D
 Acq: 2 Apr 2016 13:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.3	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: 10.33 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

Instrument :

BNA_F

ClientSampleId :

BH-10(5-7.5)

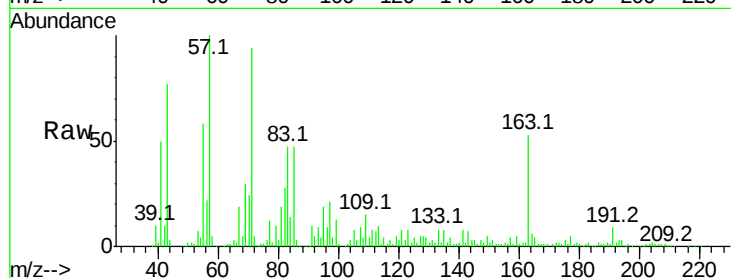
Tot Ion:163 Resp: 145727

Ion Ratio Lower Upper

163 100

194 5.1 2.9 4.3#

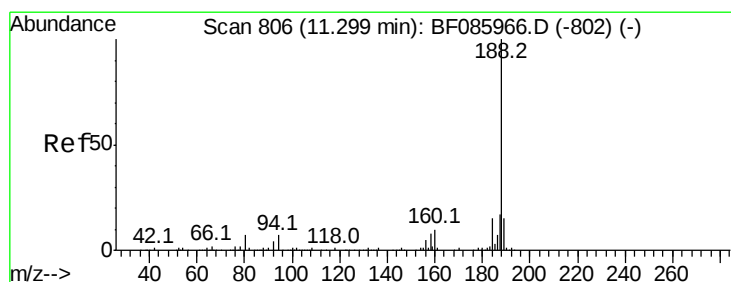
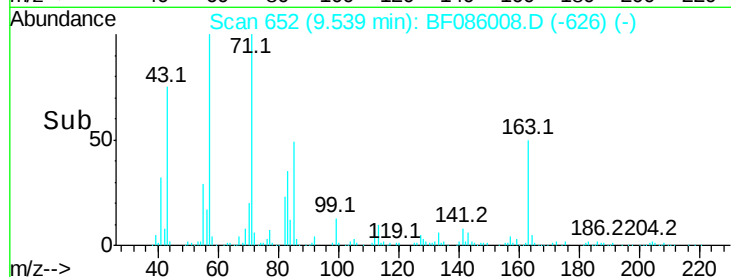
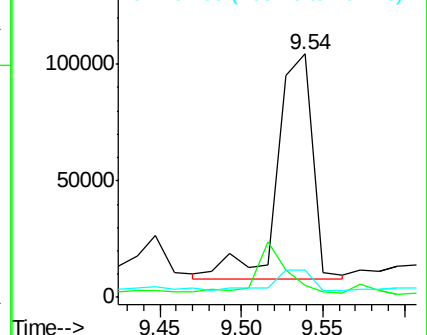
164 11.1 8.3 12.5



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: 11.30 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

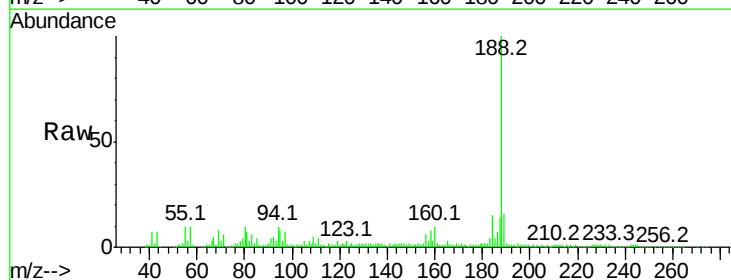
Tgt Ion:188 Resp: 370776

Ion Ratio Lower Upper

188 100

94 9.8 5.4 8.0#

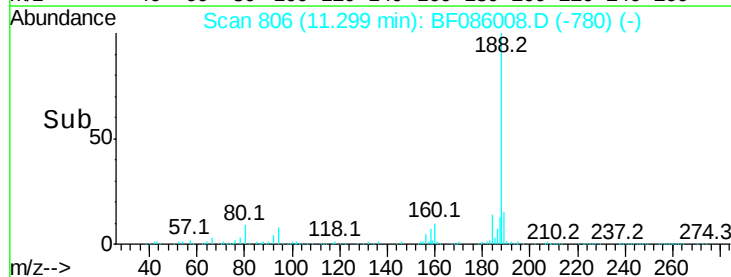
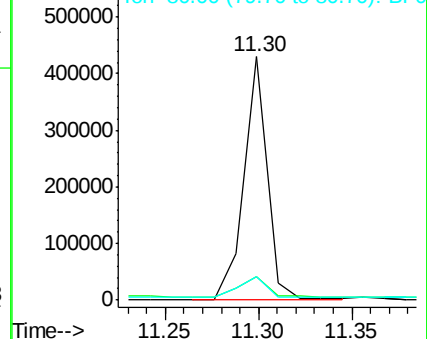
80 9.7 5.5 8.3#

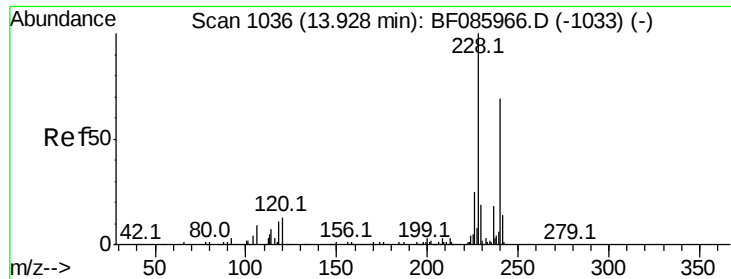


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

Instrument :

BNA_F

ClientSampleId :

BH-10(5-7.5)

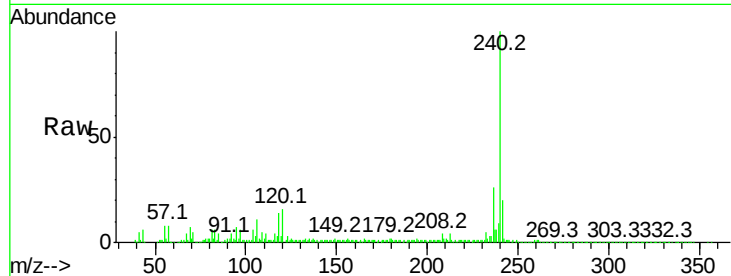
Tot Ion:240 Resp: 315890

Ion Ratio Lower Upper

240 100

120 16.1 13.8 20.8

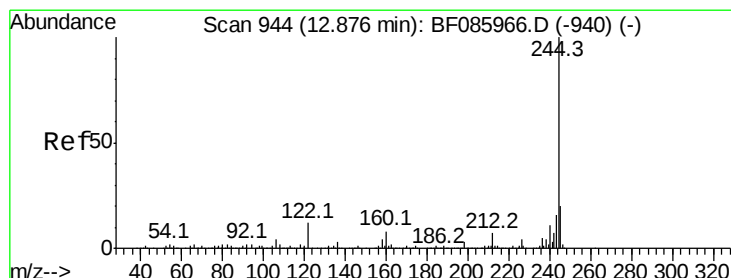
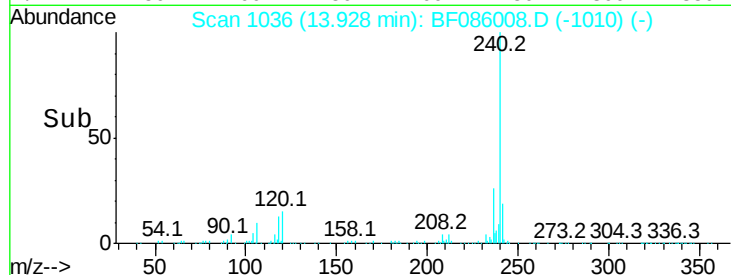
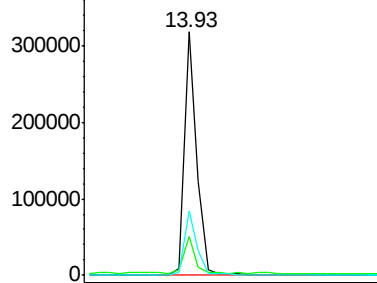
236 26.2 20.6 30.8



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: 61.26 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

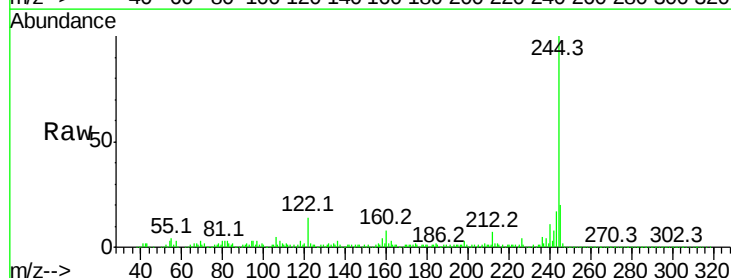
Tgt Ion:244 Resp: 823213

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

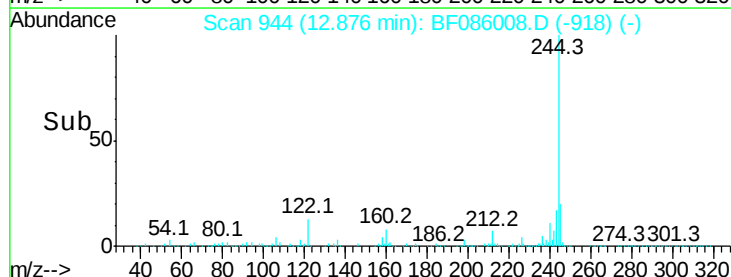
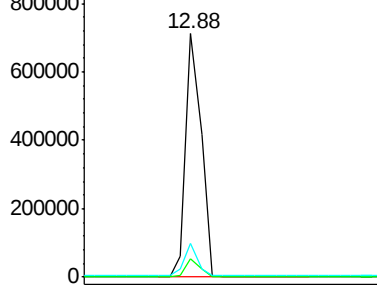
122 13.8 10.2 15.4

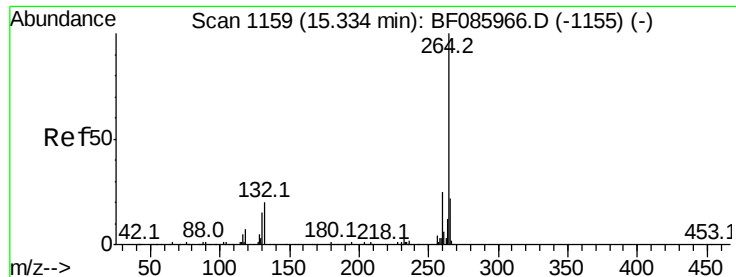


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

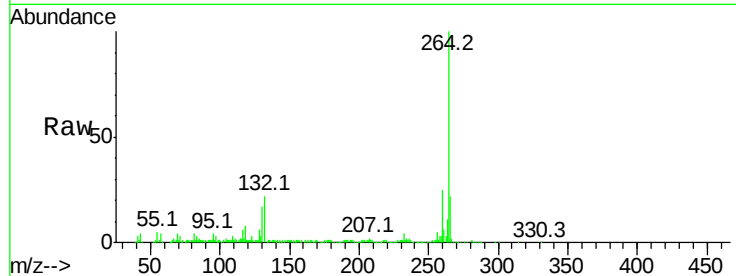




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

Instrument :
BNA_F
ClientSampleId :
BH-10(5-7.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.9	17.2	25.8



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

