

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086028.D
 Acq On : 2 Apr 2016 23:02
 Operator : UM/SJ
 Sample : H1970-12
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Apr 04 04:06:53 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

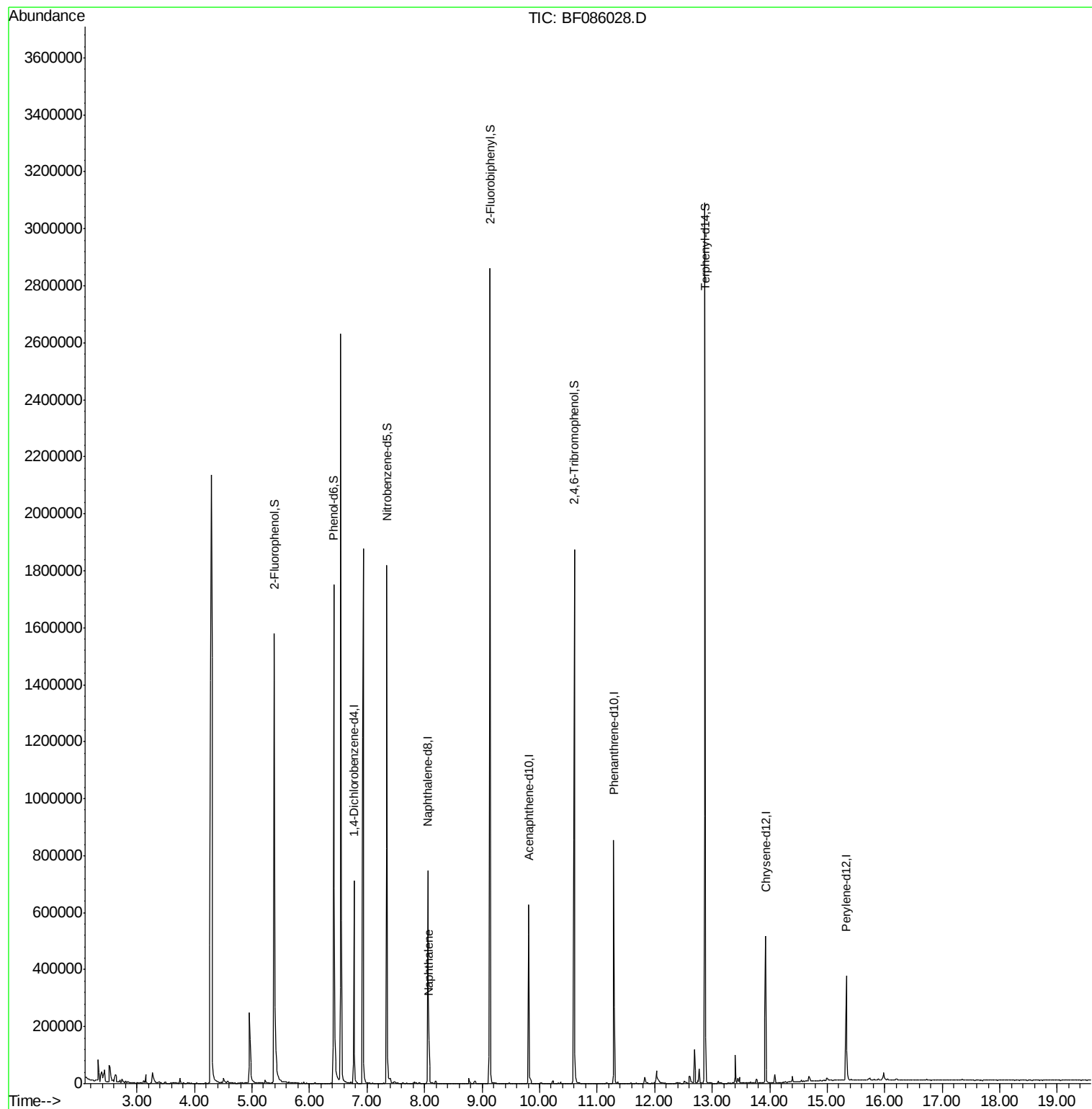
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106077	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	391233	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	173653	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	319339	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	203355	20.00	ng	0.00
86) Perylene-d12	15.33	264	170207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	778651	125.47	ng	0.02
7) Phenol-d6	6.42	99	789197	100.12	ng	0.00
23) Nitrobenzene-d5	7.34	82	698927	105.35	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	272176	166.99	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1154523	110.54	ng	0.00
78) Terphenyl-d14	12.88	244	959869	110.96	ng	0.00
Target Compounds						
31) Naphthalene	8.08	128	70662	3.59	ng	Qvalue 98

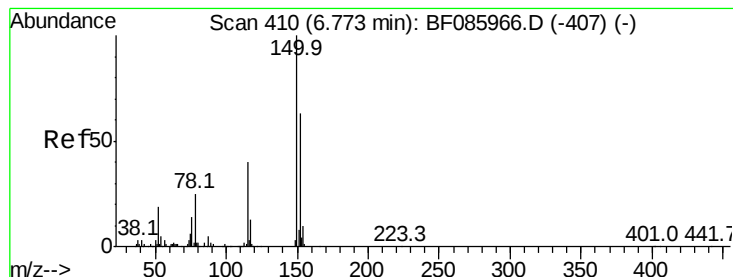
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086028.D
Acq On : 2 Apr 2016 23:02
Operator : UM/SJ
Sample : H1970-12
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Time: Apr 04 04:06:53 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF086028.D

Acq: 2 Apr 2016 23:02

Instrument :

BNA_F

ClientSampled :

TP-6

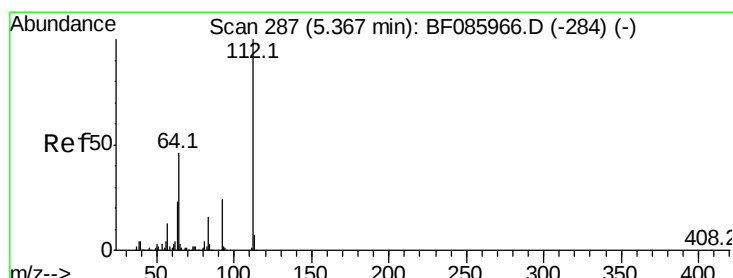
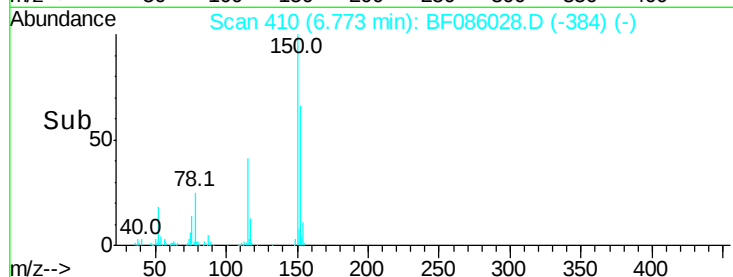
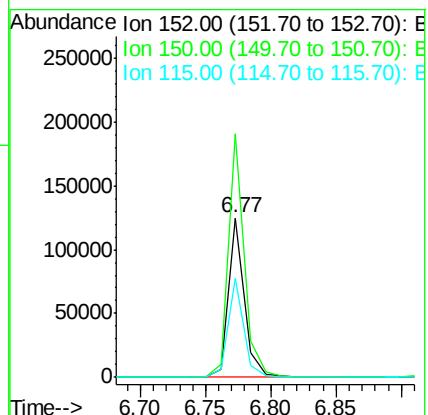
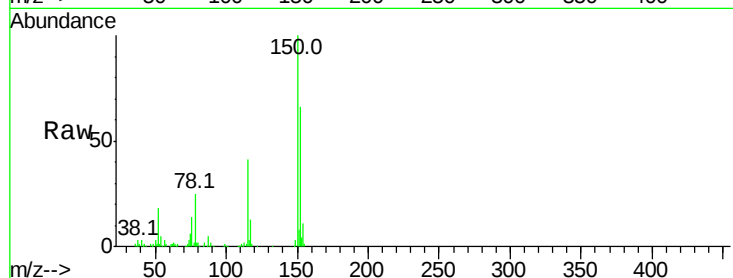
Tot Ion:152 Resp: 106077

Ion Ratio Lower Upper

152 100

150 152.4 124.2 186.2

115 62.2 47.0 70.6



#5

2-Fluorophenol

Concen: 125.47 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF086028.D

Acq: 2 Apr 2016 23:02

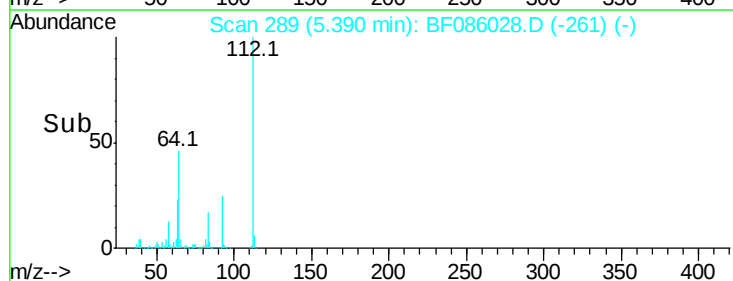
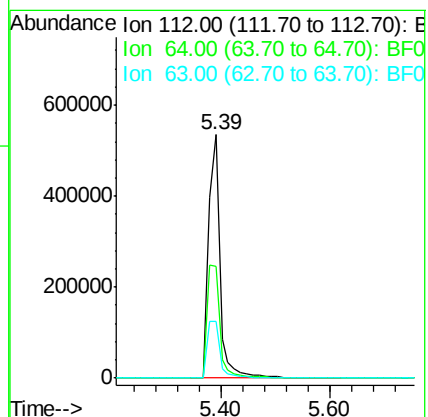
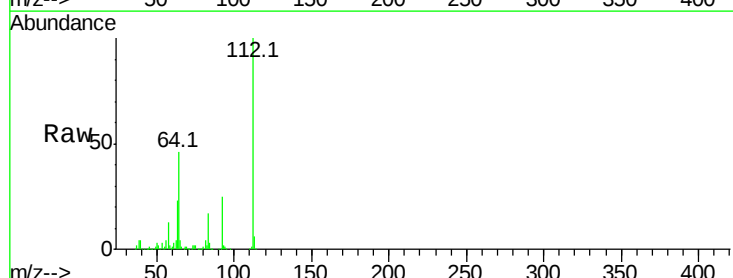
Tgt Ion:112 Resp: 778651

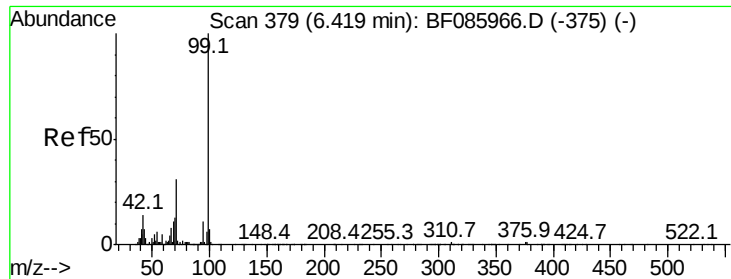
Ion Ratio Lower Upper

112 100

64 45.7 39.9 59.9

63 23.2 20.2 30.2





#7

Phenol-d6

Concen: 100.12 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086028.D

Acq: 2 Apr 2016 23:02

Instrument :

BNA_F

ClientSampleId :

TP-6

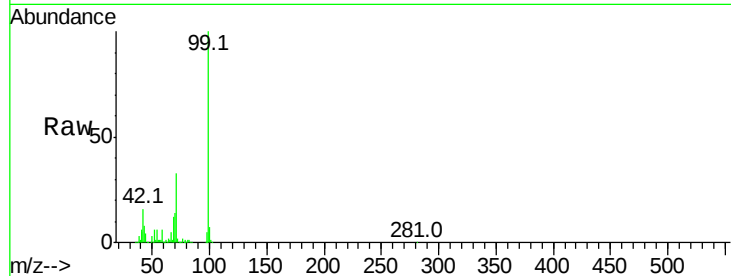
Tot Ion: 99 Resp: 789197

Ion Ratio Lower Upper

99 100

42 15.9 11.1 16.7

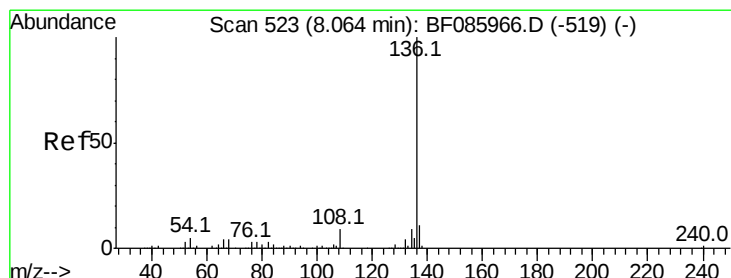
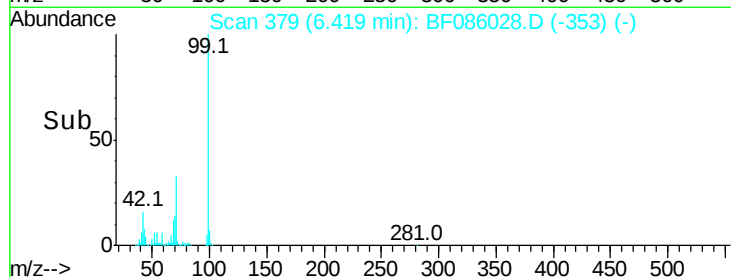
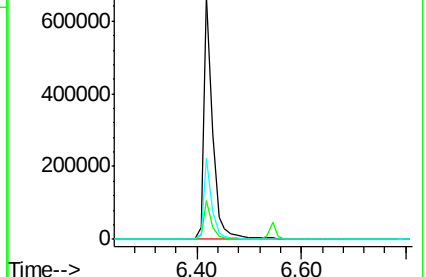
71 33.2 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086028.D

Acq: 2 Apr 2016 23:02

Tgt Ion: 136 Resp: 391233

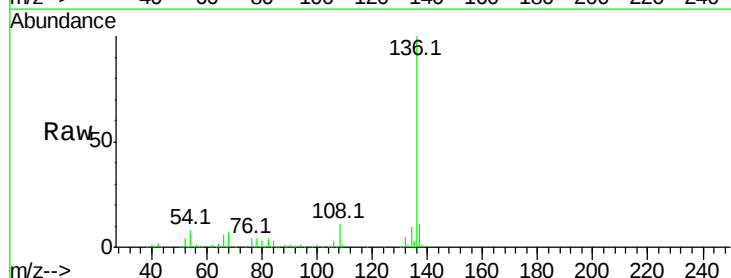
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 7.4 11.0

68 6.8 5.8 8.8

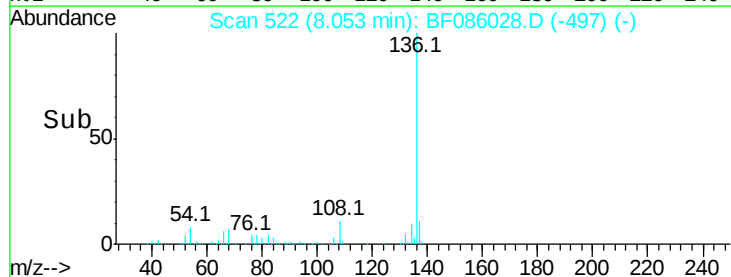
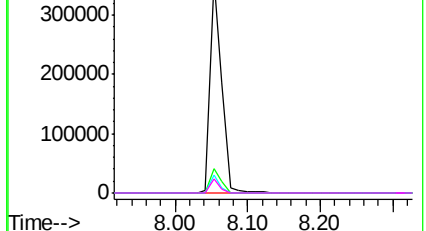


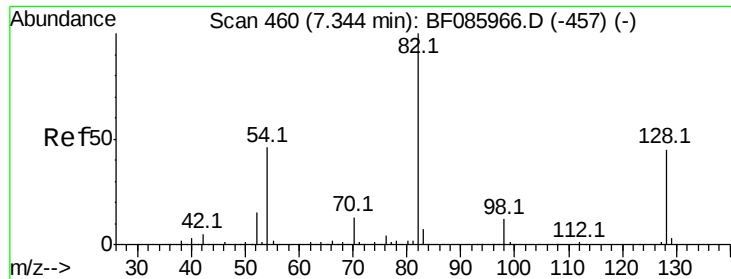
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

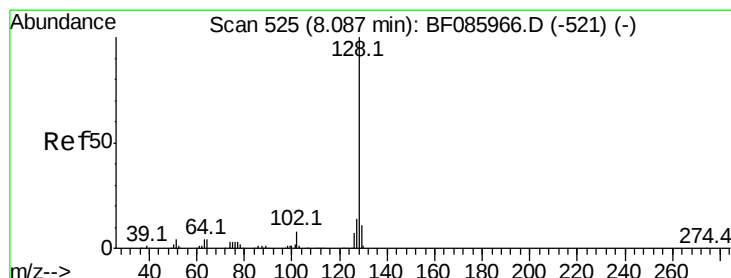
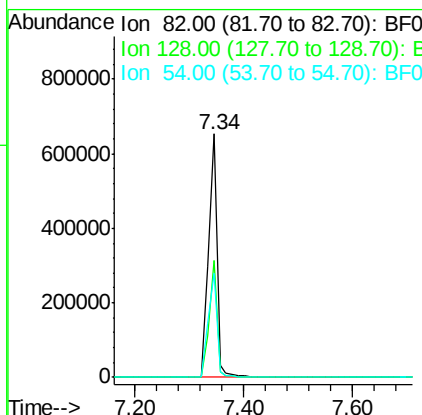
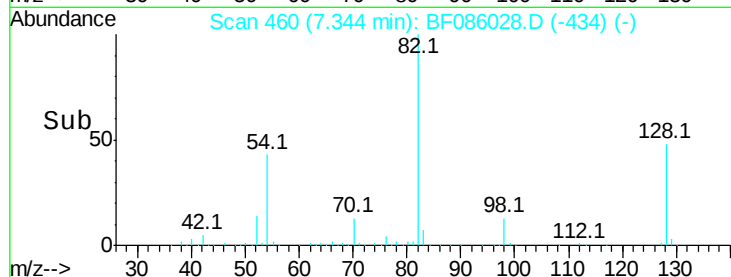
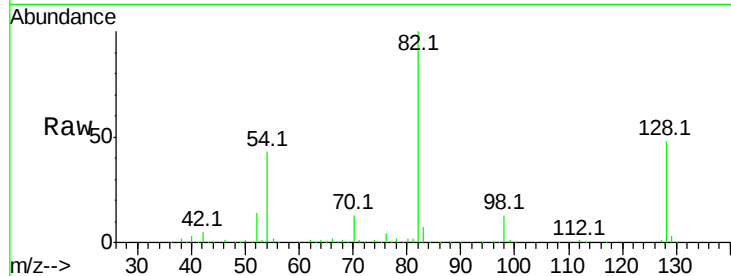




#23
 Nitrobenzene-d5
 Concen: 105.35 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086028.D
 Acq: 2 Apr 2016 23:02

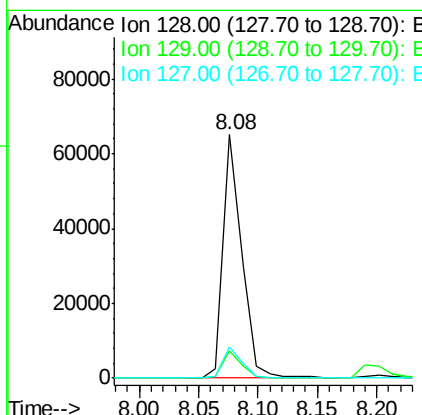
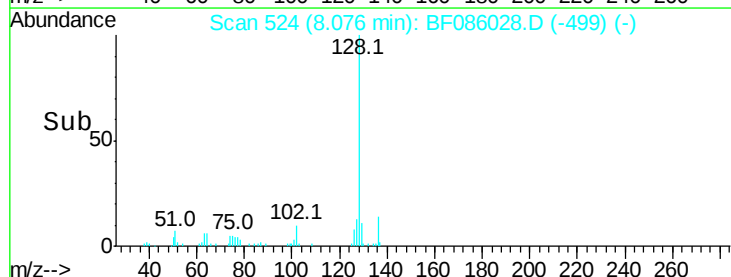
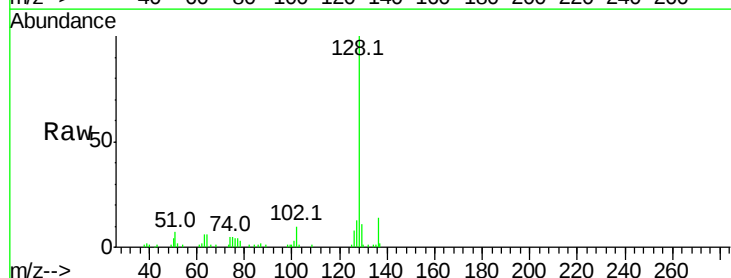
Instrument :
 BNA_F
 ClientSampleID :
 TP-6

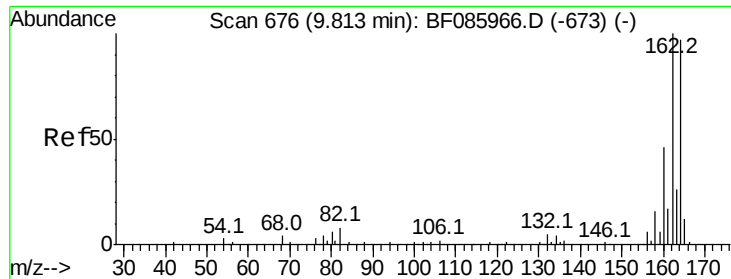
Tot Ion:	82	Resp:	698927
Ion	Ratio	Lower	Upper
82	100		
128	48.3	41.8	62.8
54	42.7	33.4	50.0



#31
 Naphthalene
 Concen: 3.59 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF086028.D
 Acq: 2 Apr 2016 23:02

Tgt Ion:	128	Resp:	70662
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	12.8	11.0	16.6

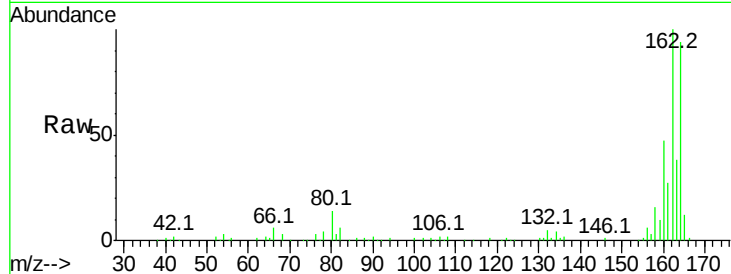




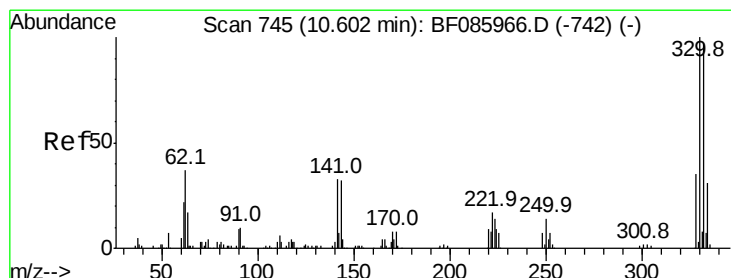
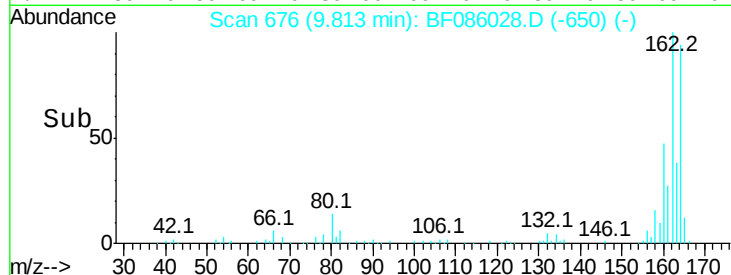
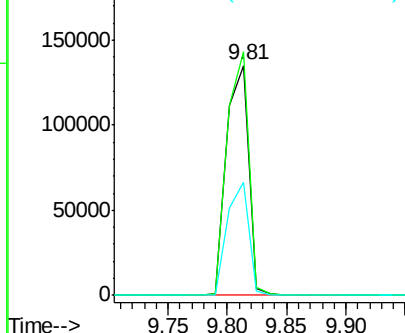
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF086028.D
Acq: 2 Apr 2016 23:02

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion:164 Resp: 173653
Ion Ratio Lower Upper
164 100
162 106.0 82.1 123.1
160 49.3 37.4 56.2

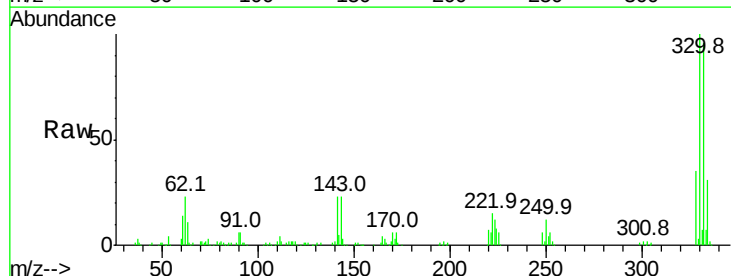


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

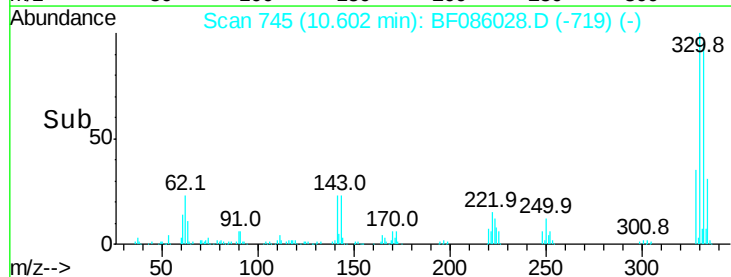
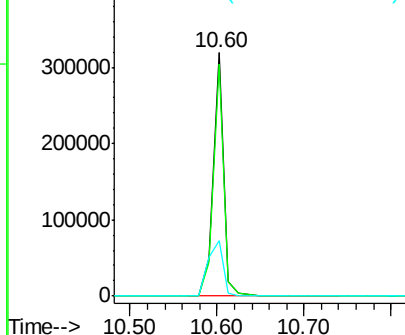


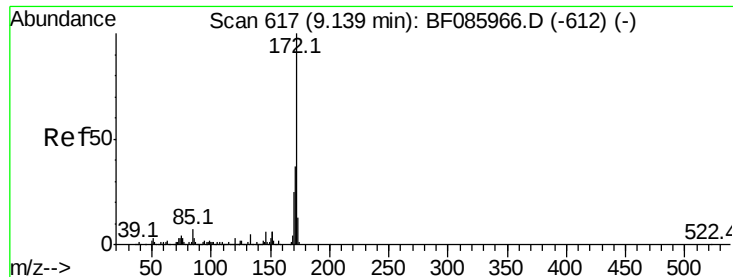
#41
2,4,6-Tribromophenol
Concen: 166.99 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF086028.D
Acq: 2 Apr 2016 23:02

Tgt Ion:330 Resp: 272176
Ion Ratio Lower Upper
330 100
332 95.4 78.2 117.2
141 33.6 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: 110.54 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF086028.D

Acq: 2 Apr 2016 23:02

Instrument :

BNA_F

ClientSampleId :

TP-6

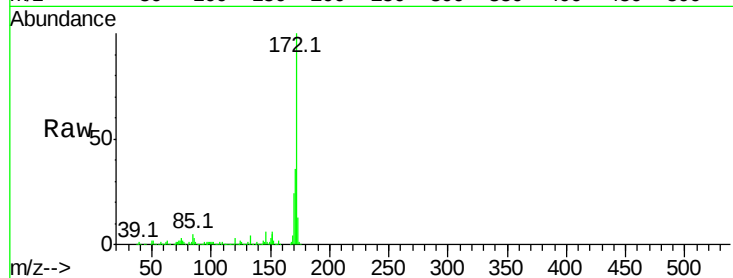
Tot Ion:172 Resp: 1154523

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.2

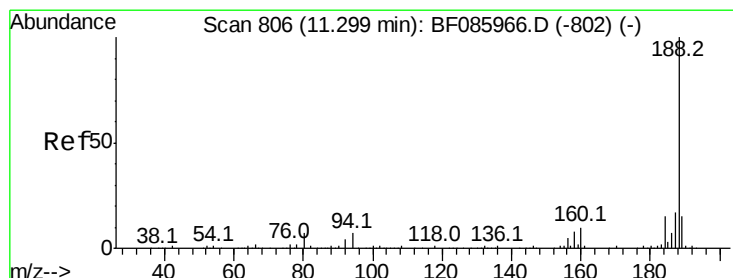
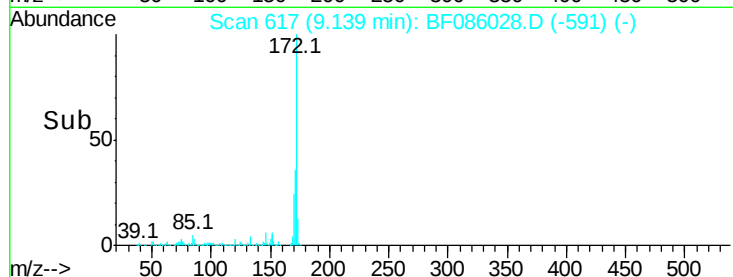
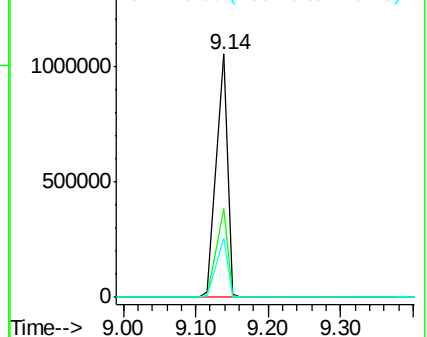
170 24.5 19.8 29.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086028.D

Acq: 2 Apr 2016 23:02

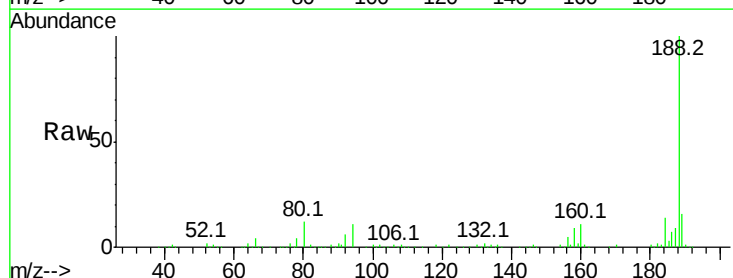
Tgt Ion:188 Resp: 319339

Ion Ratio Lower Upper

188 100

94 11.1 5.4 8.0#

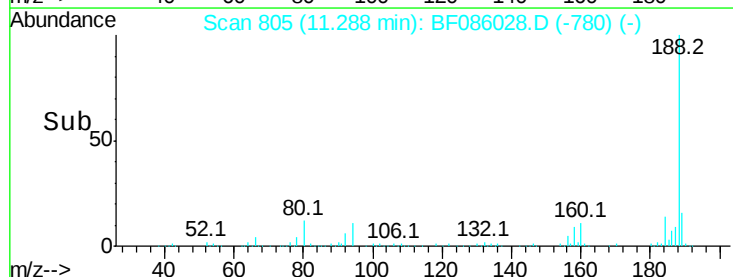
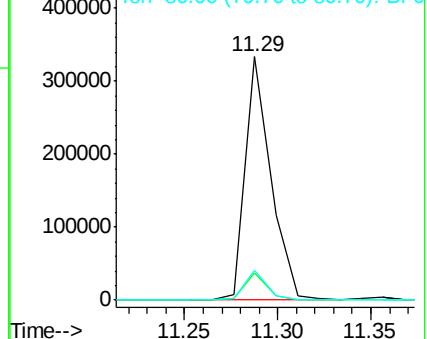
80 12.4 5.5 8.3#

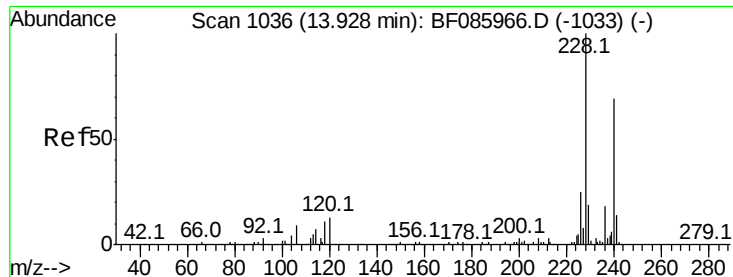


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086028.D

Acq: 2 Apr 2016 23:02

Instrument :

BNA_F

ClientSampleID :

TP-6

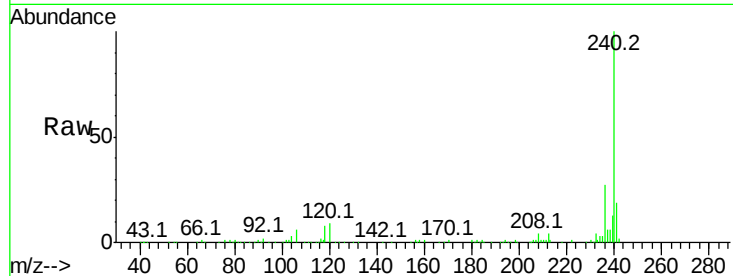
Tot Ion:240 Resp: 203355

Ion Ratio Lower Upper

240 100

120 9.3 13.8 20.8#

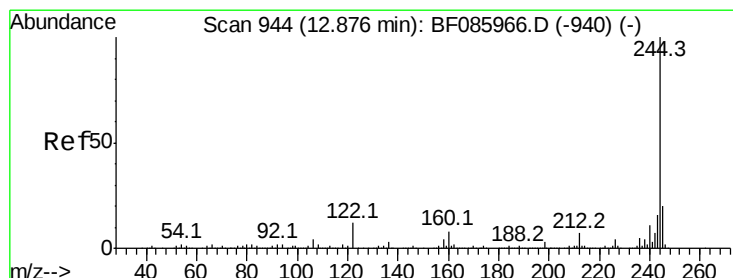
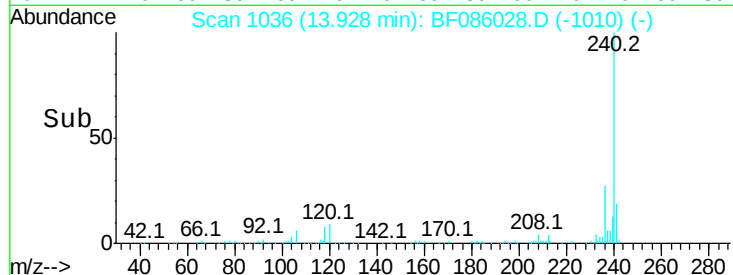
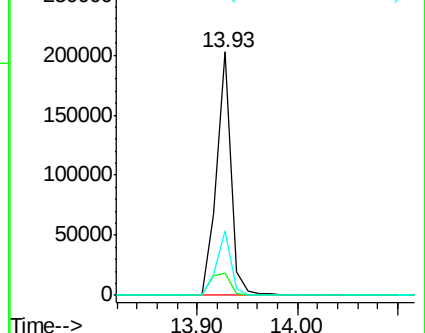
236 26.6 20.6 30.8



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: 110.96 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086028.D

Acq: 2 Apr 2016 23:02

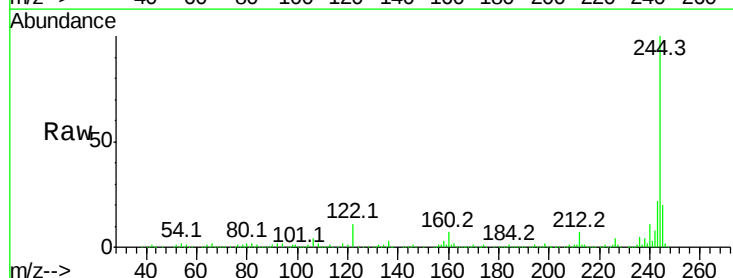
Tgt Ion:244 Resp: 959869

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

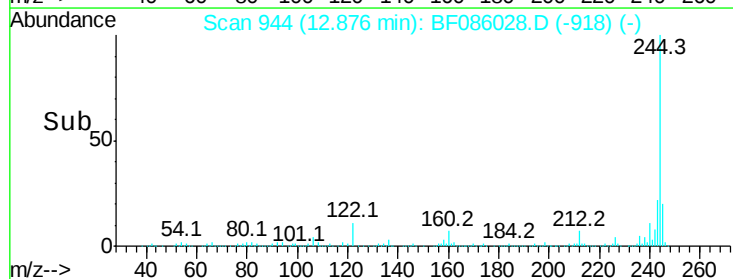
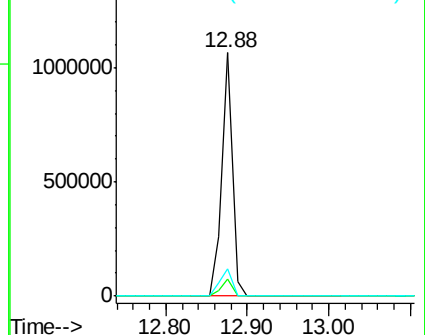
122 11.2 10.2 15.4

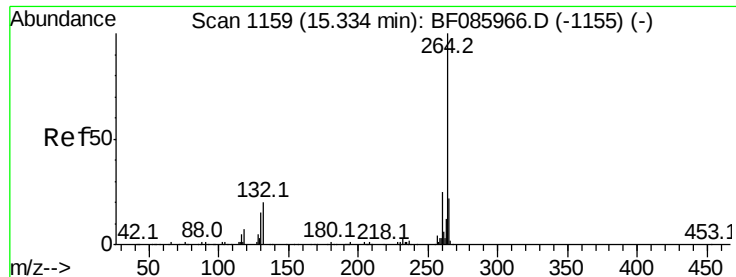


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086028.D
Acq: 2 Apr 2016 23:02

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.2
265	21.1	17.2	25.8

