

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086861.D
 Acq On : 10 May 2016 15:53
 Operator : UM/SJ
 Sample : H2912-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-002

Quant Time: May 11 04:28:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

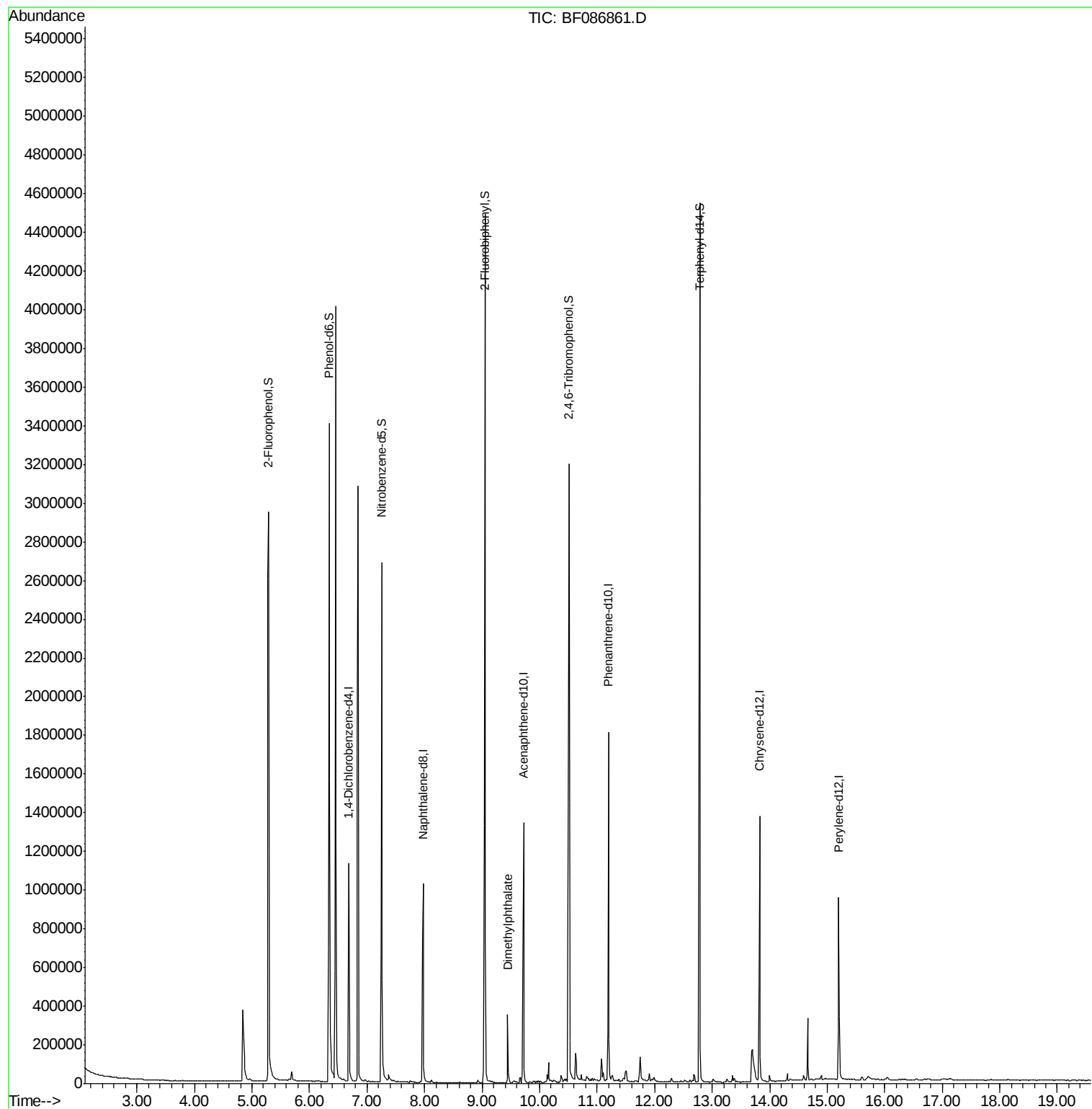
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	155157	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	617258	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	314117	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	598936	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	501421	20.00	ng	-0.01
86) Perylene-d12	15.20	264	401314	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1090224	119.00	ng	0.00
7) Phenol-d6	6.34	99	1346151	109.94	ng	-0.02
23) Nitrobenzene-d5	7.25	82	883513	71.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	381330	114.67	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1438304	76.96	ng	-0.01
78) Terphenyl-d14	12.79	244	1507216	63.78	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	129024	5.38	ng	Qvalue 99

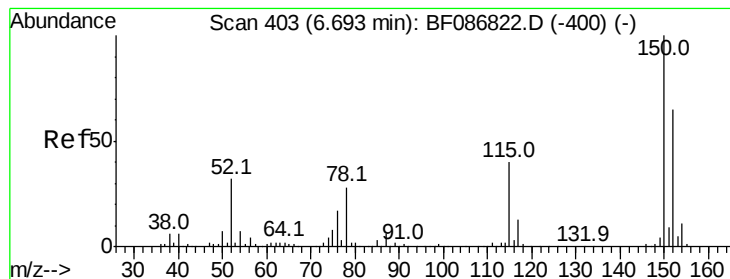
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086861.D
Acq On : 10 May 2016 15:53
Operator : UM/SJ
Sample : H2912-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-002

Quant Time: May 11 04:28:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086861.D

Acq: 10 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-002

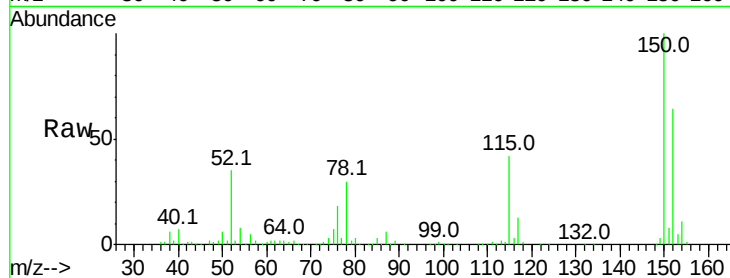
Tot Ion:152 Resp: 155157

Ion Ratio Lower Upper

152 100

150 157.0 125.8 188.6

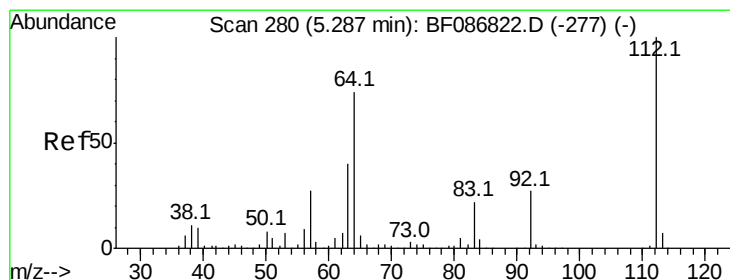
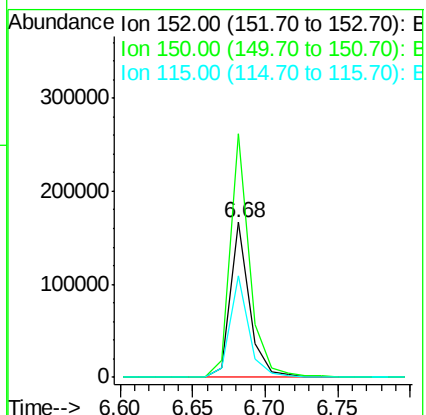
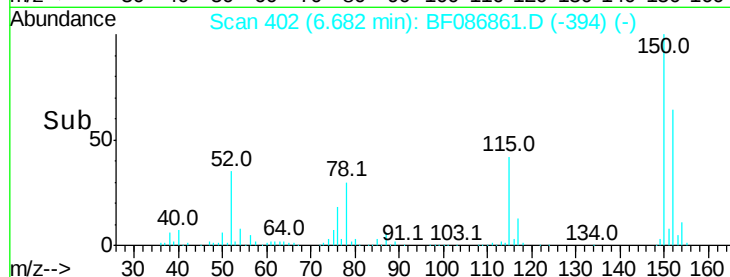
115 65.7 51.5 77.3



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: 119.00 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086861.D

Acq: 10 May 2016 15:53

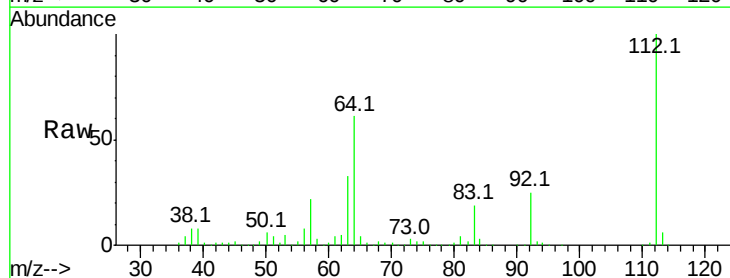
Tgt Ion:112 Resp: 1090224

Ion Ratio Lower Upper

112 100

64 60.8 52.1 78.1

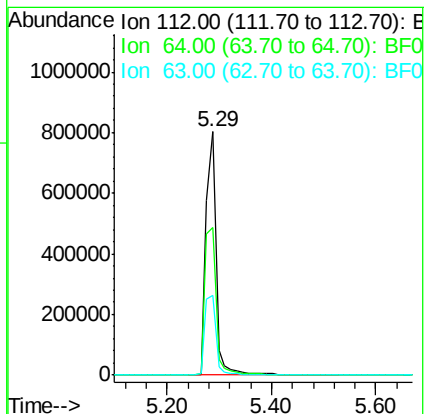
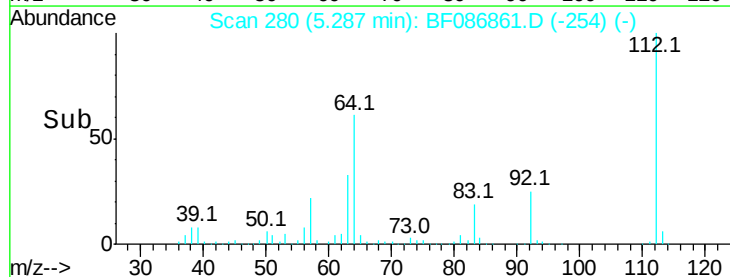
63 32.8 25.7 38.5

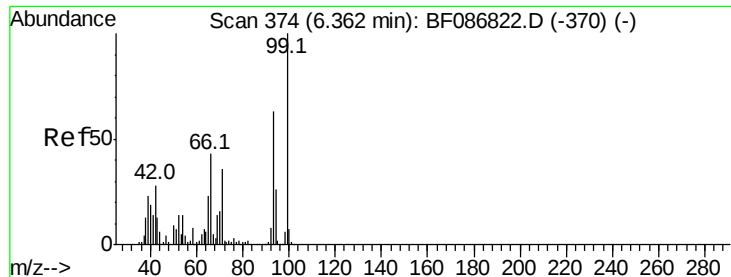


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.94 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086861.D

Acq: 10 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-002

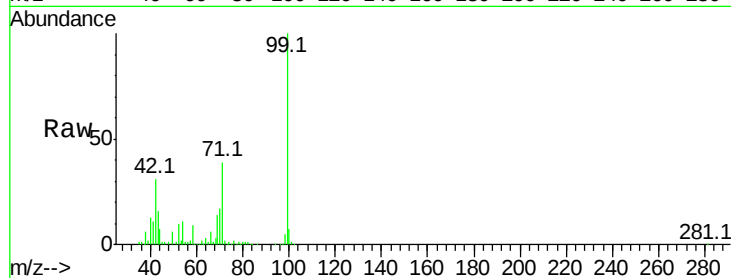
Tot Ion: 99 Resp: 1346151

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

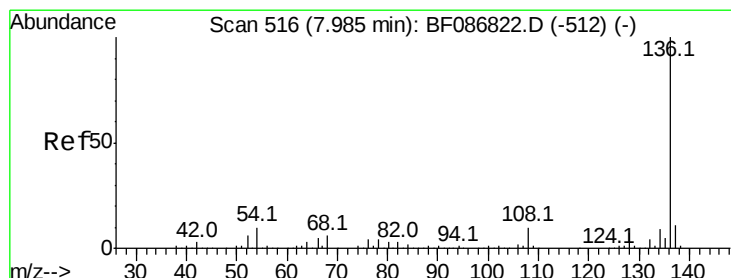
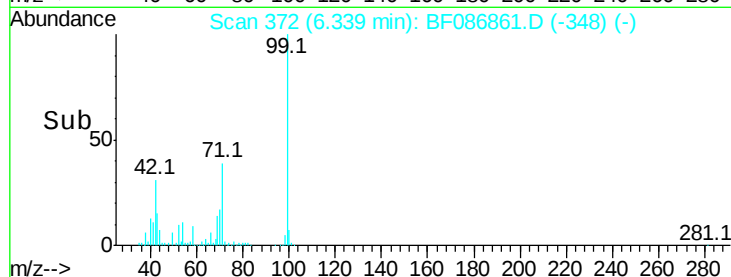
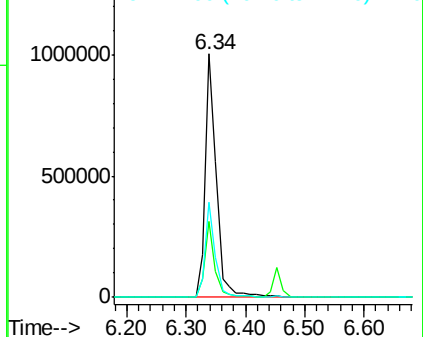
71 39.1 24.6 36.8#



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: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086861.D

Acq: 10 May 2016 15:53

Tgt Ion: 136 Resp: 617258

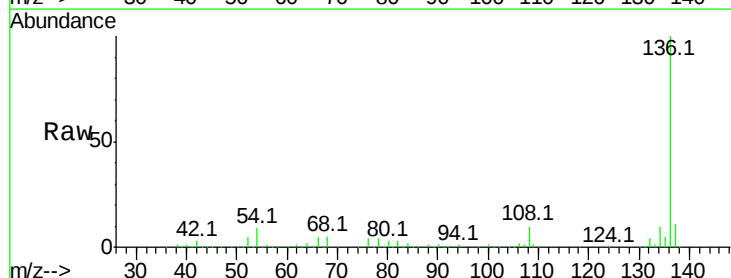
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.5 5.0 7.4#

68 5.5 4.4 6.6

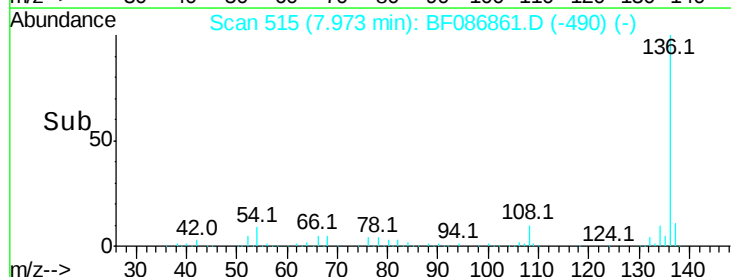
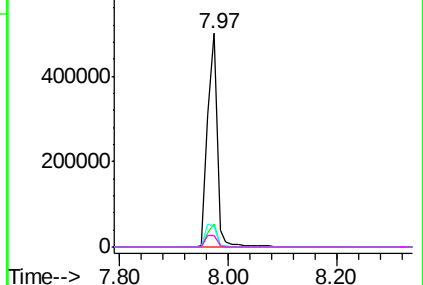


Abundance Ion 136.00 (135.70 to 136.70): E

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

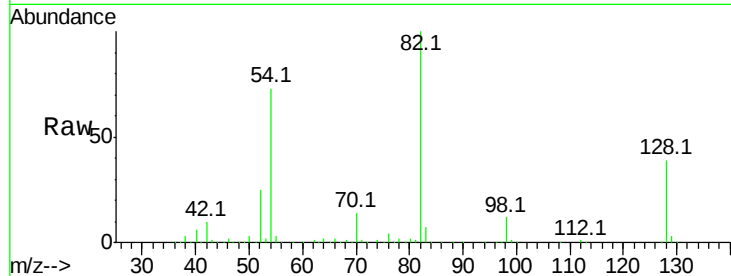




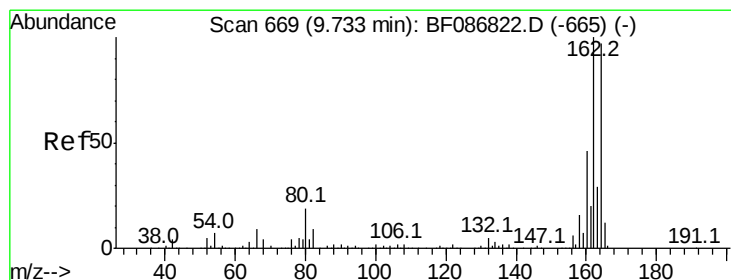
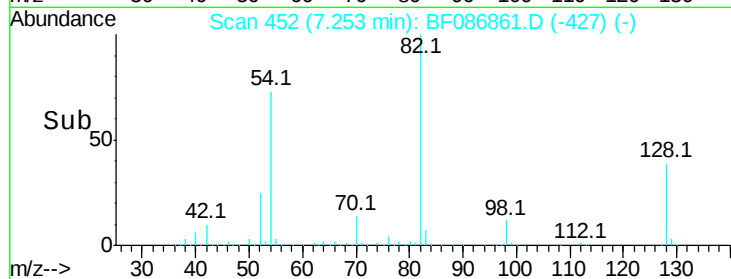
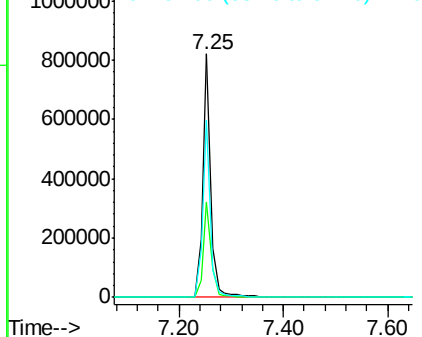
#23
Nitrobenzene-d5
Concen: 71.87 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086861.D
Acq: 10 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-002

Tot Ion: 82 Resp: 883513
Ion Ratio Lower Upper
82 100
128 38.9 40.6 61.0#
54 72.6 38.1 57.1#

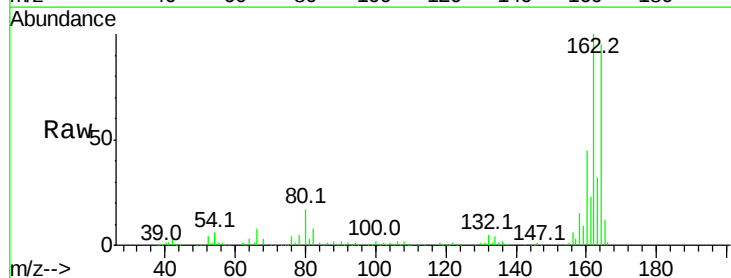


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

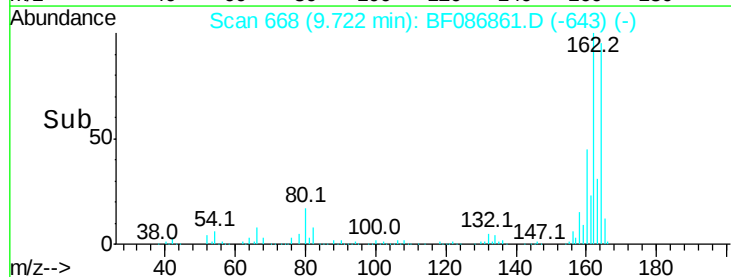
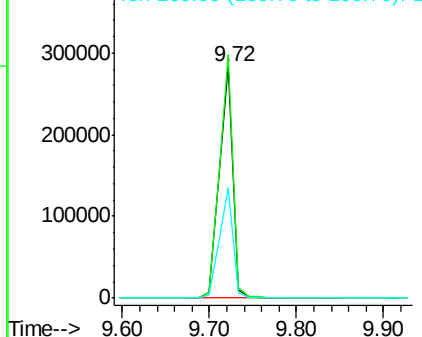


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086861.D
Acq: 10 May 2016 15:53

Tgt Ion:164 Resp: 314117
Ion Ratio Lower Upper
164 100
162 105.1 82.8 124.2
160 47.7 36.9 55.3



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

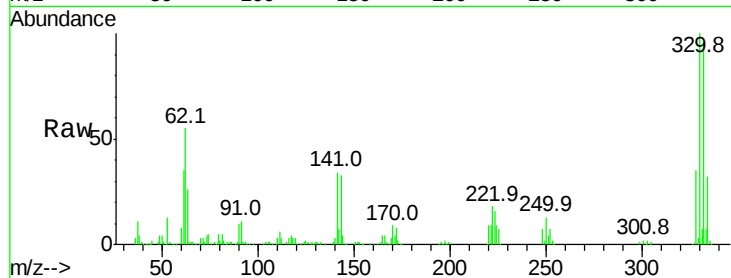




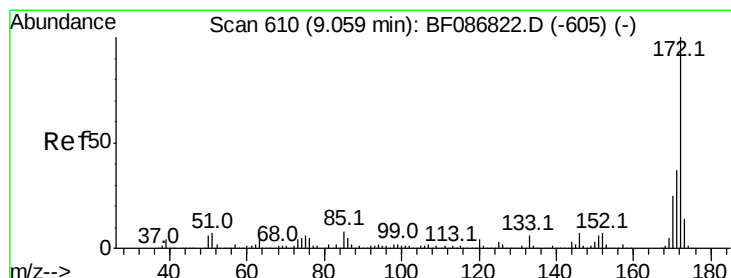
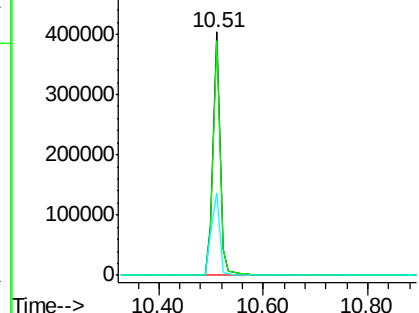
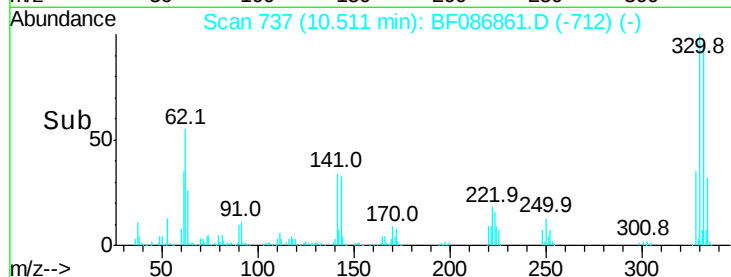
#41
 2,4,6-Tribromophenol
 Concen: 114.67 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086861.D
 Acq: 10 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-002

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	39.8	31.2	46.8

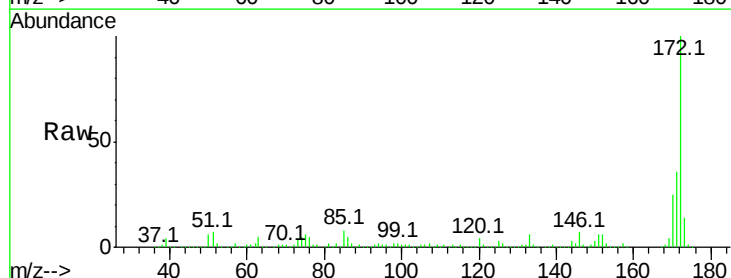


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

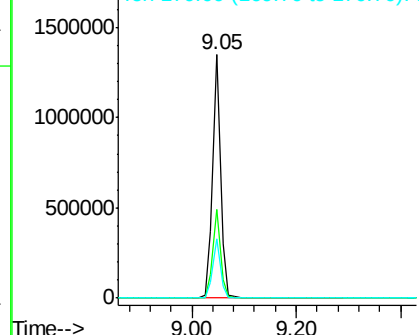
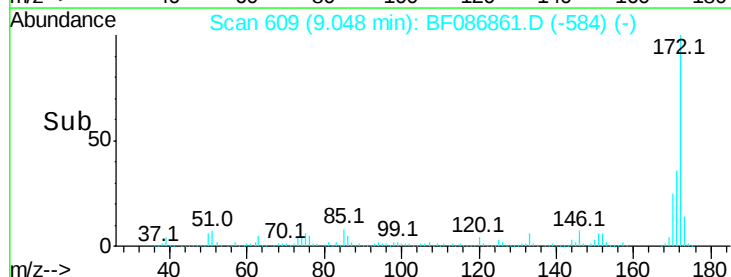


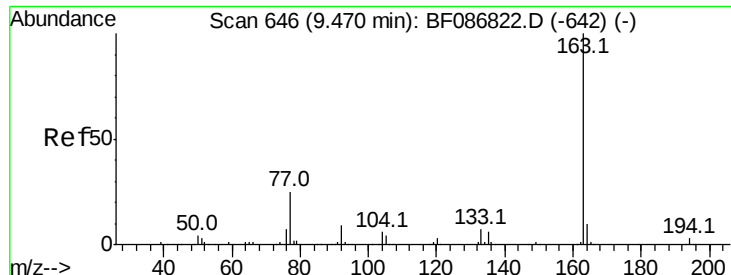
#44
 2-Fluorobiphenyl
 Concen: 76.96 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086861.D
 Acq: 10 May 2016 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.5	19.8	29.8



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

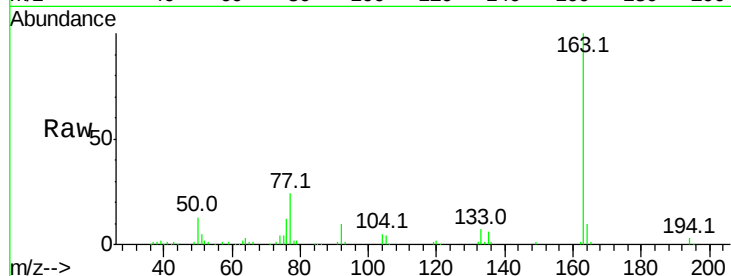




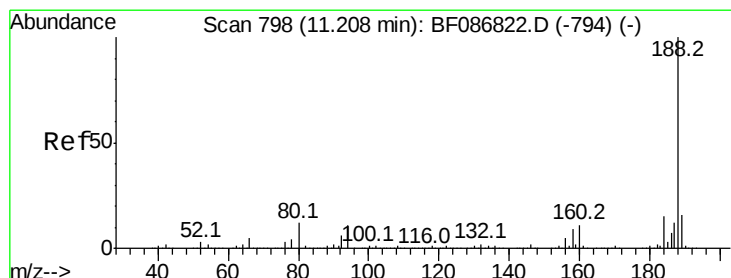
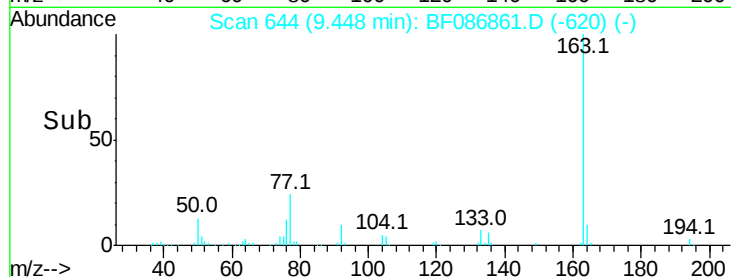
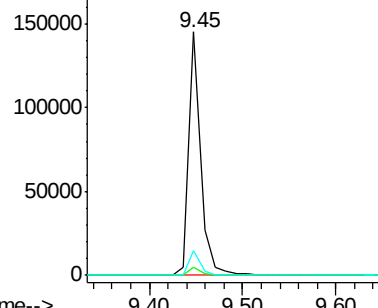
#49
Dimethylphthalate
Concen: 5.38 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086861.D
Acq: 10 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-002

Tot Ion:163 Resp: 129024
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 8.2 12.4

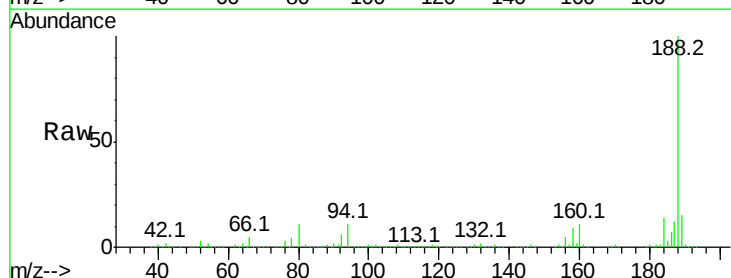


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

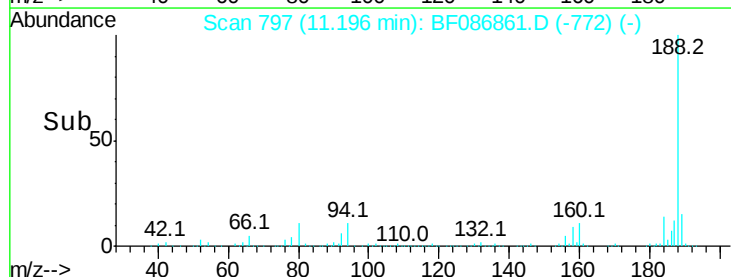
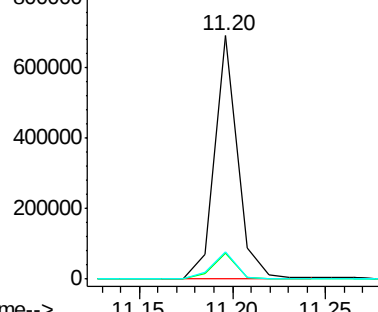


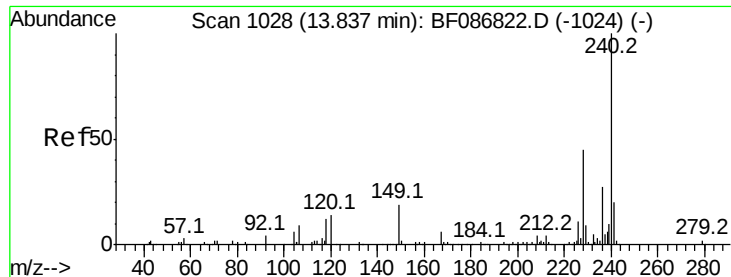
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086861.D
Acq: 10 May 2016 15:53

Tgt Ion:188 Resp: 598936
Ion Ratio Lower Upper
188 100
94 10.5 6.8 10.2#
80 11.4 7.1 10.7#



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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086861.D

Acq: 10 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-002

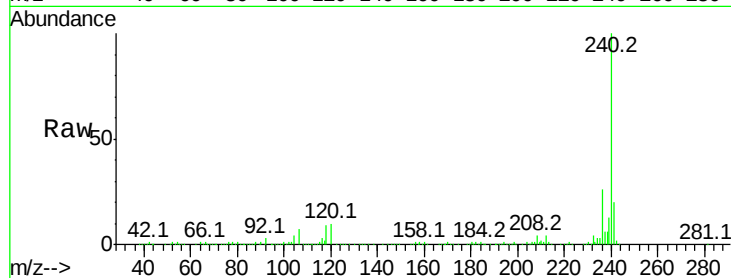
Tot Ion:240 Resp: 501421

Ion Ratio Lower Upper

240 100

120 10.3 11.2 16.8#

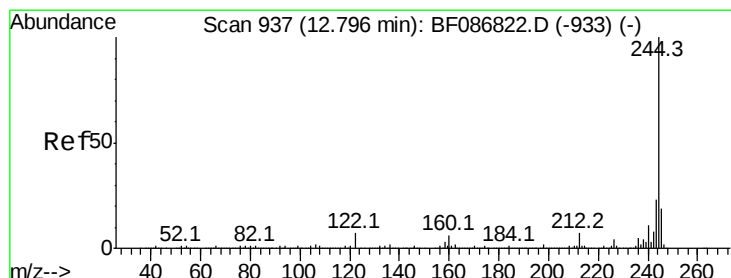
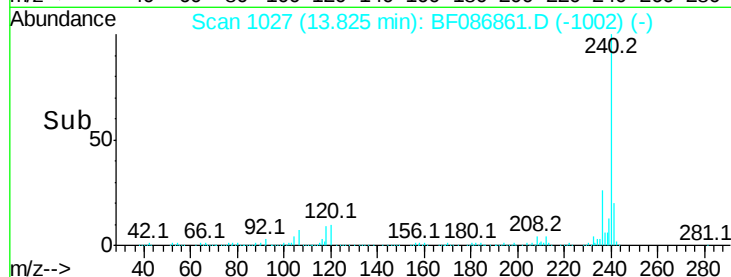
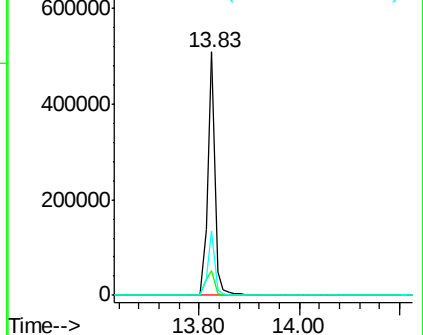
236 26.4 21.2 31.8



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: 63.78 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086861.D

Acq: 10 May 2016 15:53

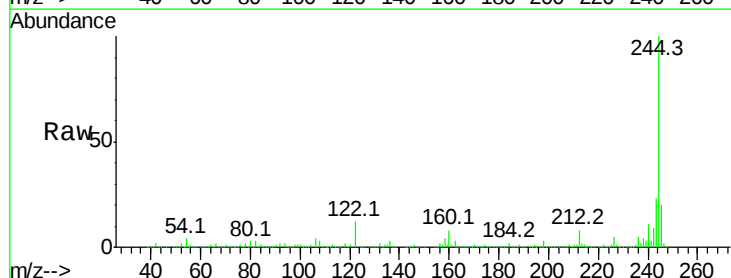
Tgt Ion:244 Resp: 1507216

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

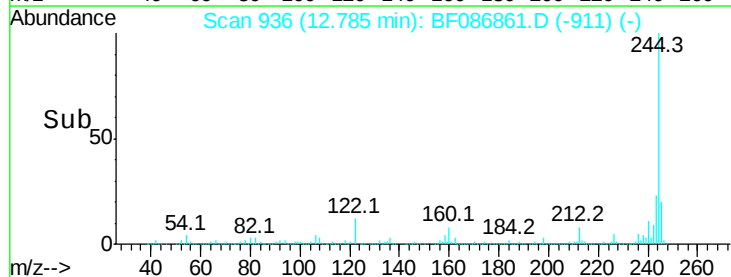
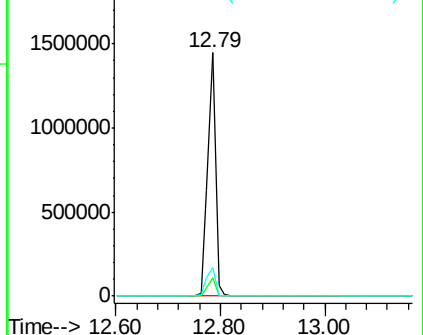
122 11.6 12.0 18.0#

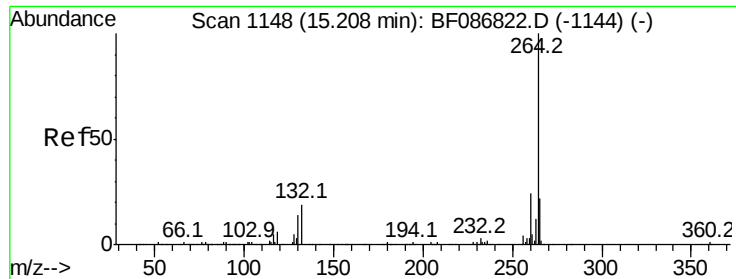


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086861.D
 Acq: 10 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-002

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.3	25.9

