

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080945.D
 Acq On : 8 Aug 2015 2:39
 Operator : TP/UM
 Sample : G3208-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW-COMP

Quant Time: Aug 08 04:21:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

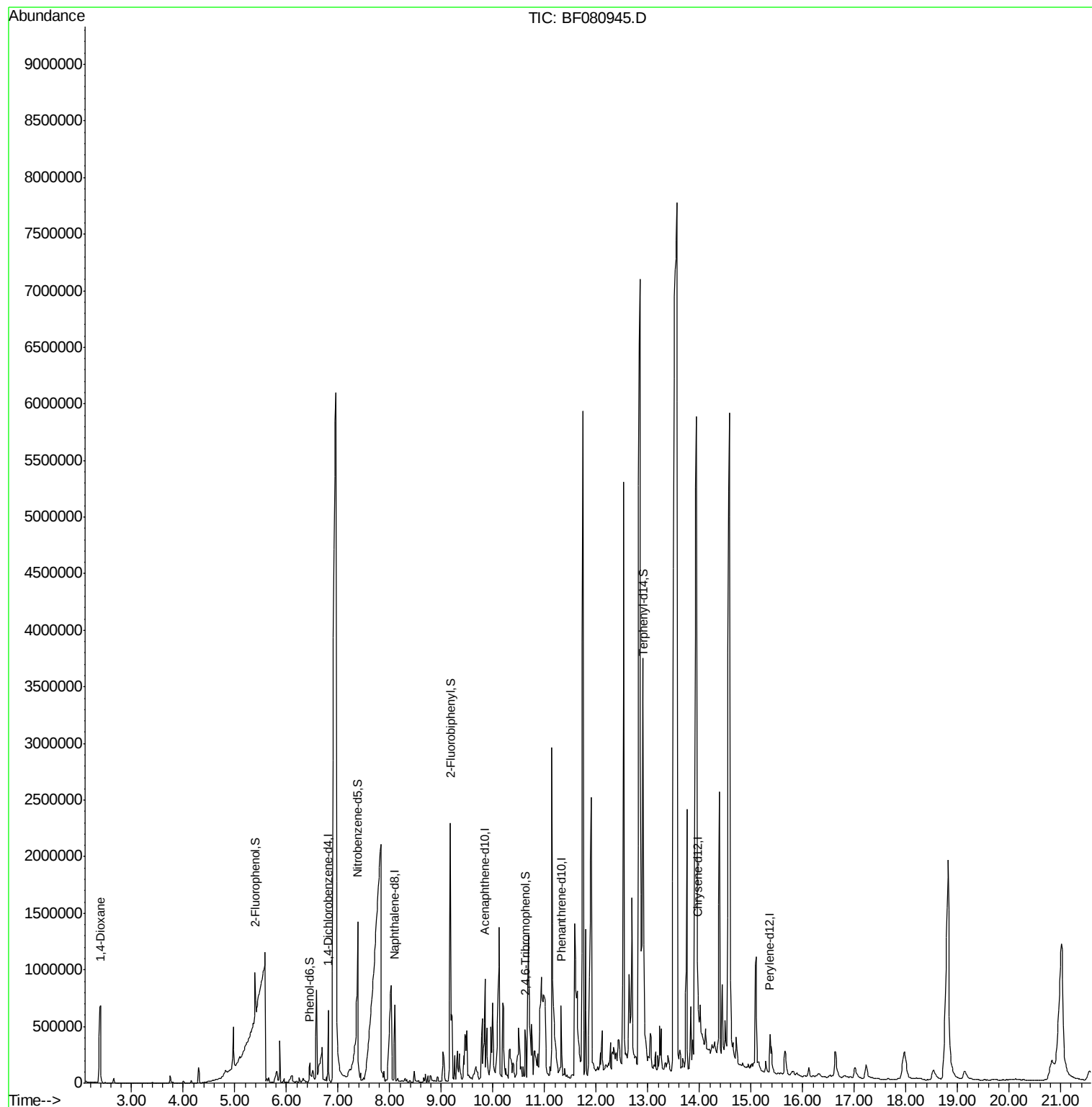
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	80775	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	313153	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	138678	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	211097	20.00	ng	0.00
75) Chrysene-d12	13.96	240	251715	20.00	ng	0.00
86) Perylene-d12	15.37	264	153553	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	108622	21.97	ng	0.01
7) Phenol-d6	6.44	99	44378	6.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	318157	48.06	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	59724	39.20	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	570086	57.87	ng	0.00
78) Terphenyl-d14	12.91	244	323523	26.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.40	88	414731	176.86	ng	Qvalue 98

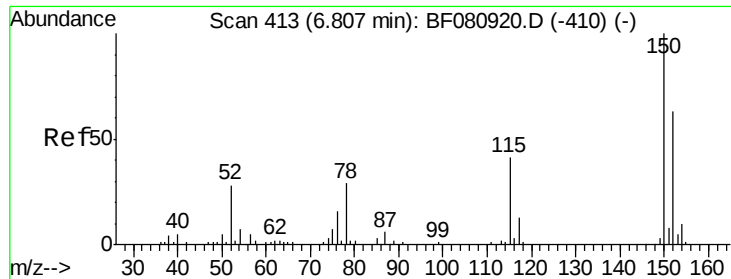
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 08 01:33:05 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

Instrument :

BNA_F

ClientSampleId :

EFF-WW-COMP

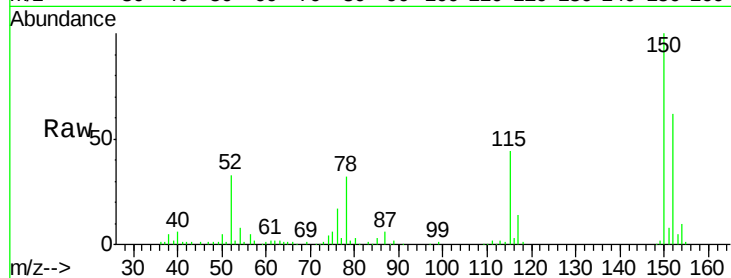
Tot Ion:152 Resp: 80775

Ion Ratio Lower Upper

152 100

150 160.1 127.4 191.2

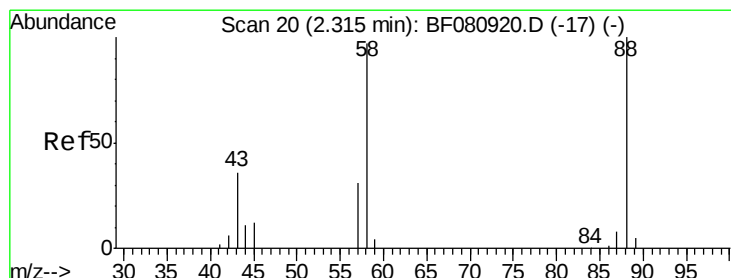
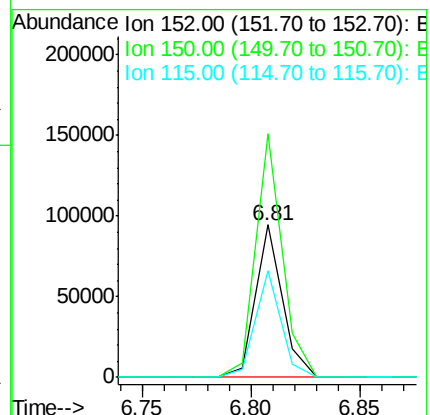
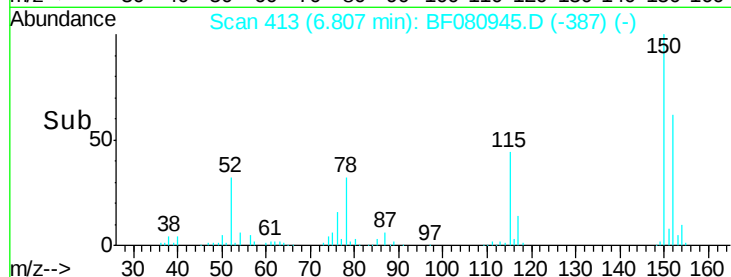
115 70.2 52.6 78.8



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



#2

1,4-Dioxane

Concen: 176.86 ng

RT: 2.40 min Scan# 27

Delta R.T. 0.08 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

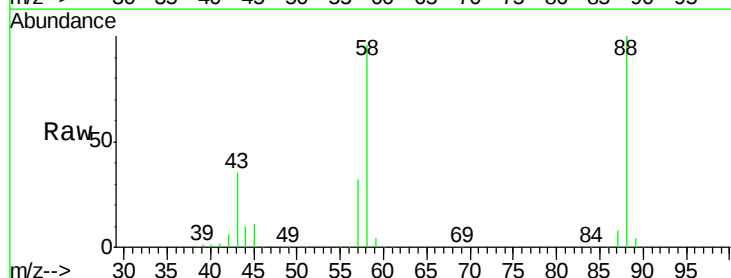
Tgt Ion: 88 Resp: 414731

Ion Ratio Lower Upper

88 100

58 100.4 79.3 118.9

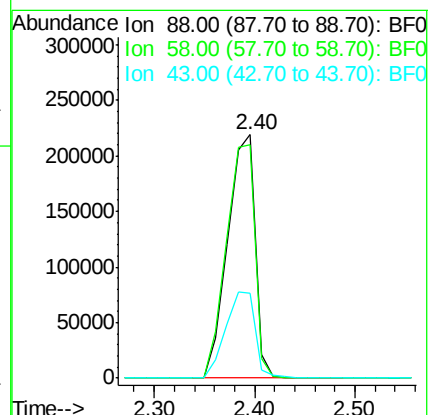
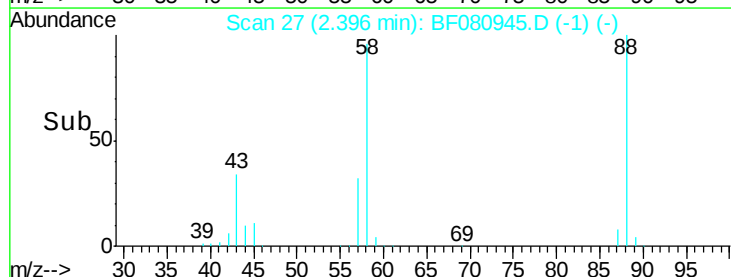
43 38.5 28.3 42.5

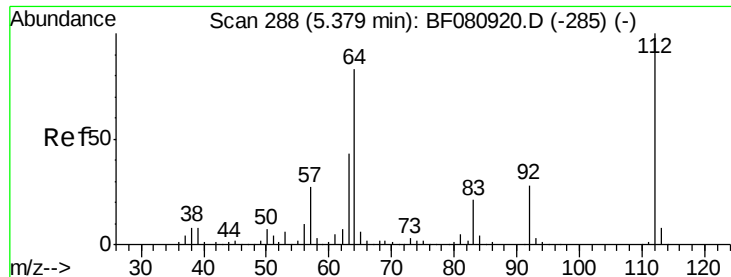


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 21.97 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

Instrument :

BNA_F

ClientSampleId :

EFF-WW-COMP

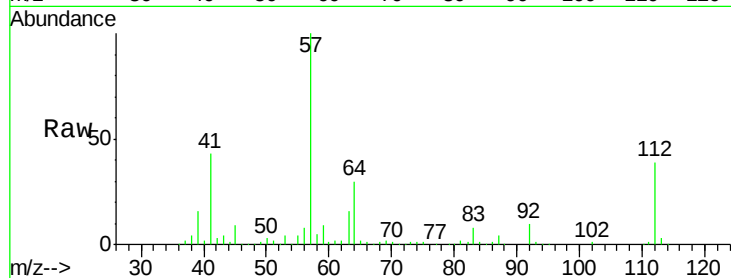
Tot Ion:112 Resp: 108622

Ion Ratio Lower Upper

112 100

64 76.4 66.1 99.1

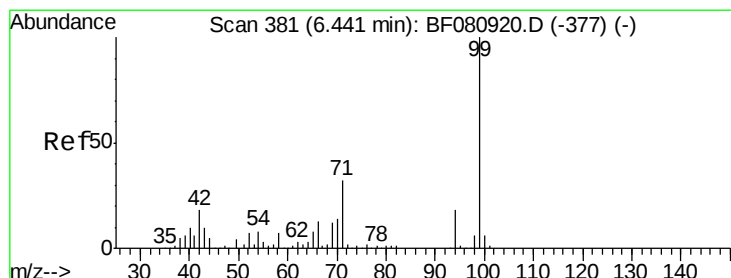
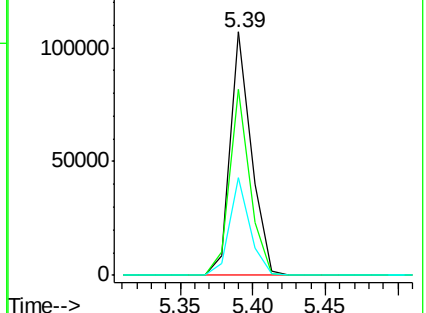
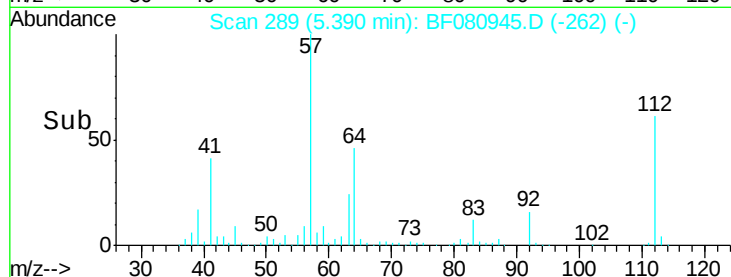
63 40.3 34.6 52.0



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: 6.55 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

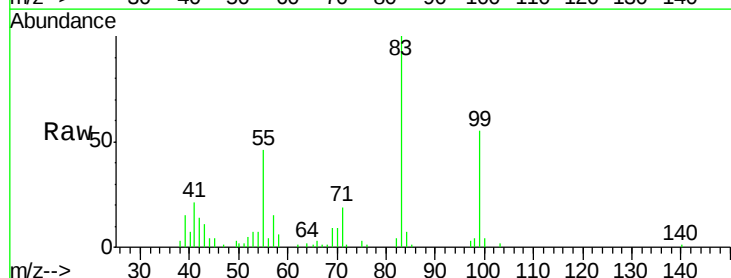
Tgt Ion: 99 Resp: 44378

Ion Ratio Lower Upper

99 100

42 25.7 14.4 21.6#

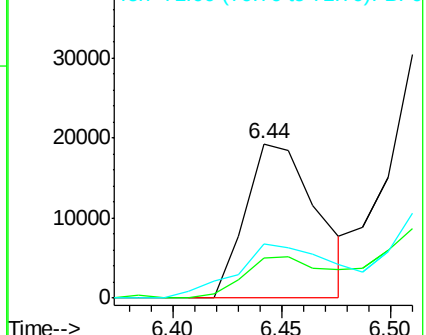
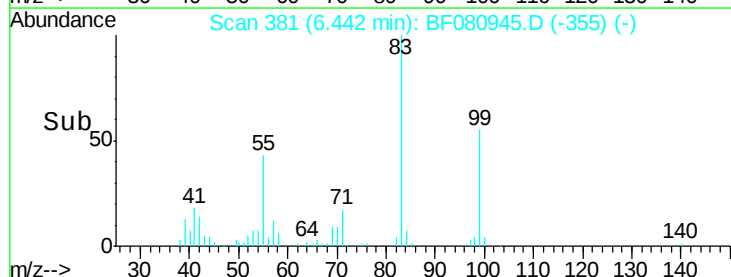
71 35.2 25.8 38.8

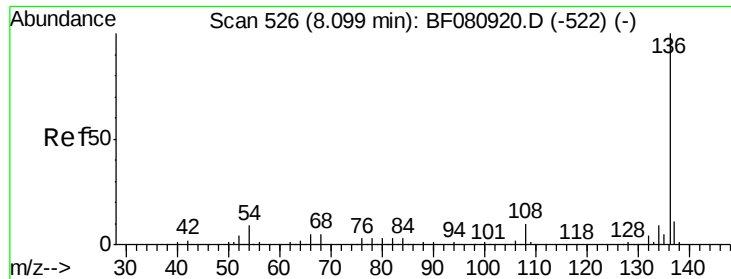


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

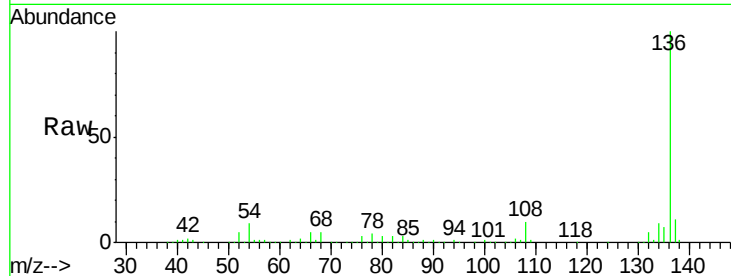




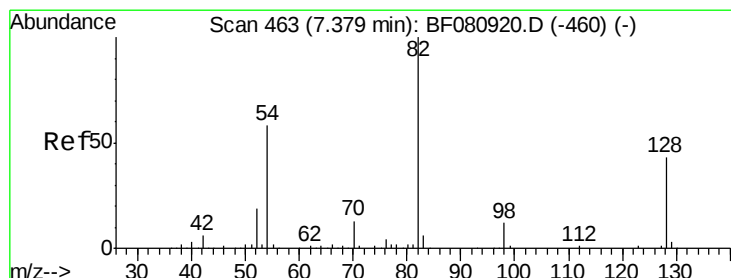
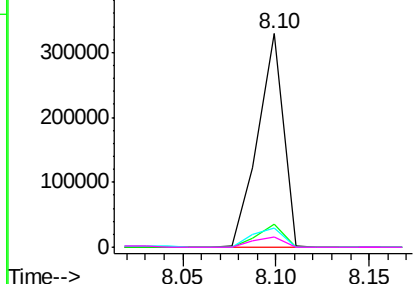
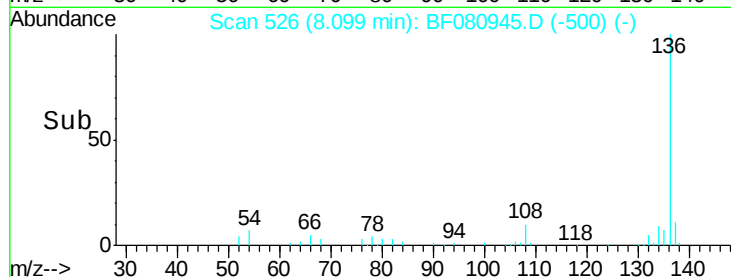
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Instrument :
BNA_F
ClientSampleId :
EFF-WW-COMP

Tot Ion:136	Resp:	313153
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	9.0	7.1 10.7
68	4.6	3.8 5.8

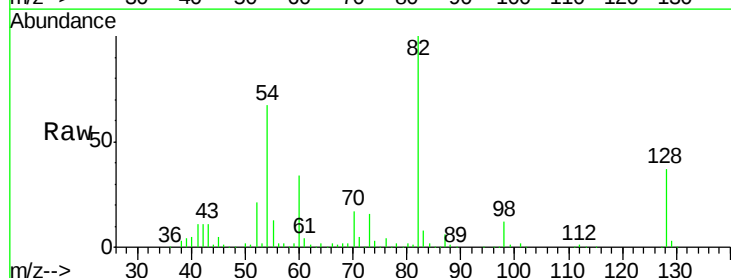


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

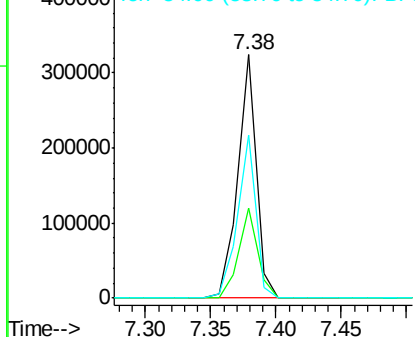
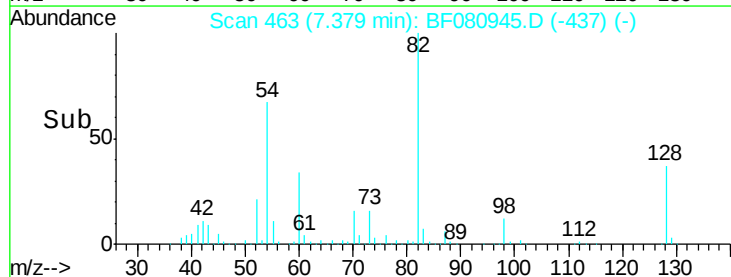


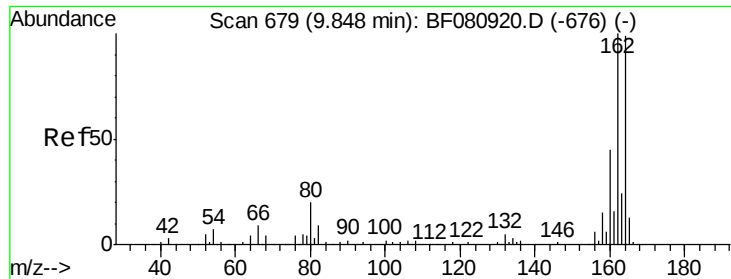
#23
Nitrobenzene-d5
Concen: 48.06 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Tgt Ion: 82	Resp:	318157
Ion Ratio	Lower	Upper
82	100	
128	37.2	34.1 51.1
54	66.7	46.5 69.7



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

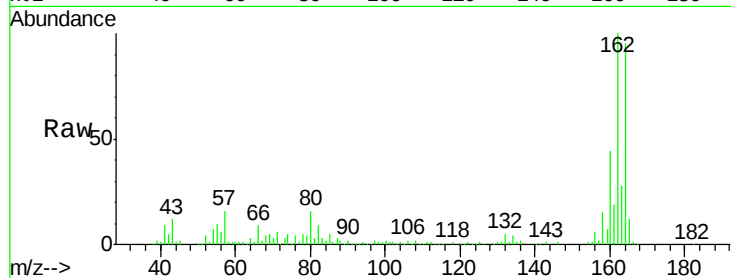




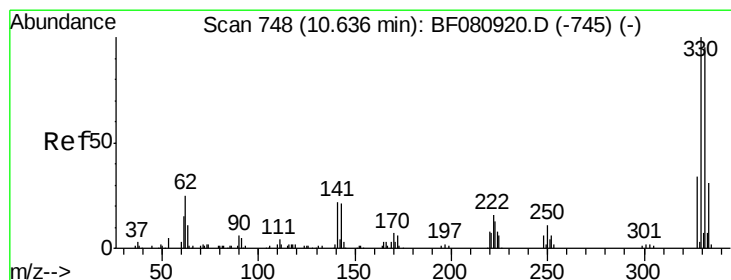
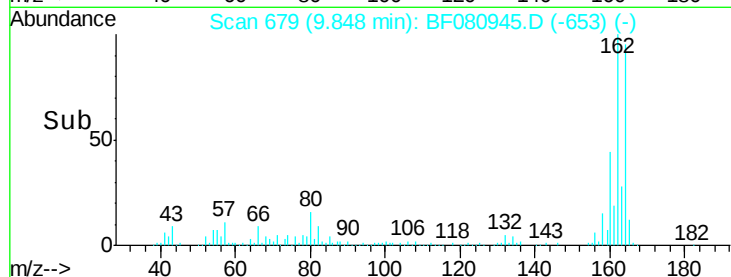
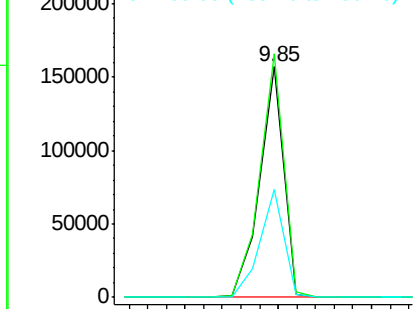
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Instrument :
BNA_F
ClientSampleId :
EFF-WW-COMP

Tot Ion:164 Resp: 138678
Ion Ratio Lower Upper
164 100
162 105.5 80.5 120.7
160 47.0 36.6 54.8

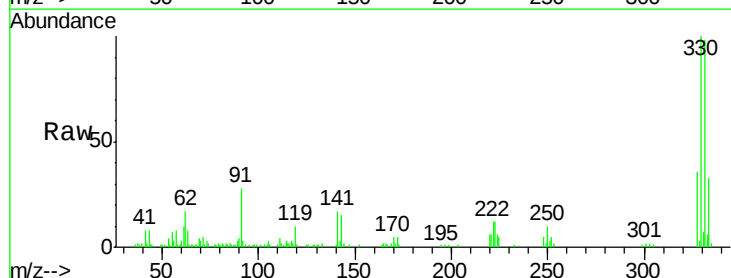


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

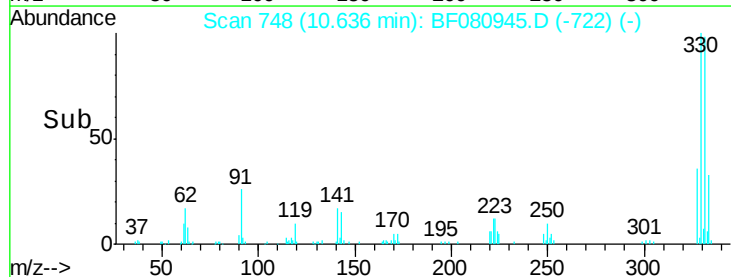
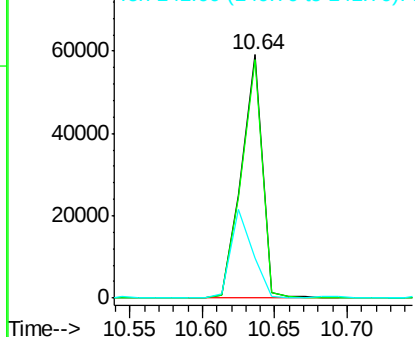


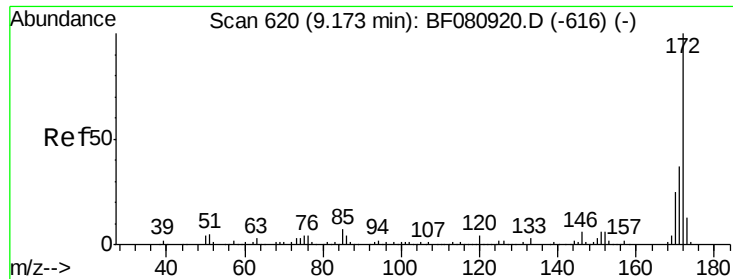
#41
2,4,6-Tribromophenol
Concen: 39.20 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Tgt Ion:330 Resp: 59724
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 37.6 27.8 41.8



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

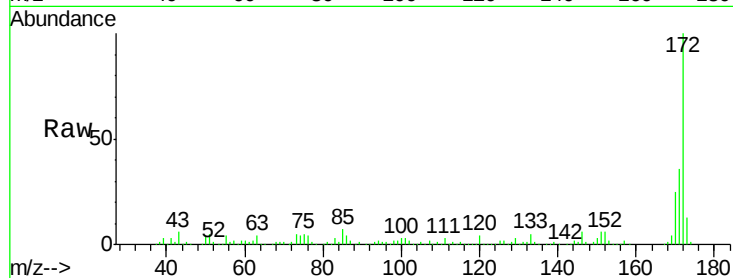




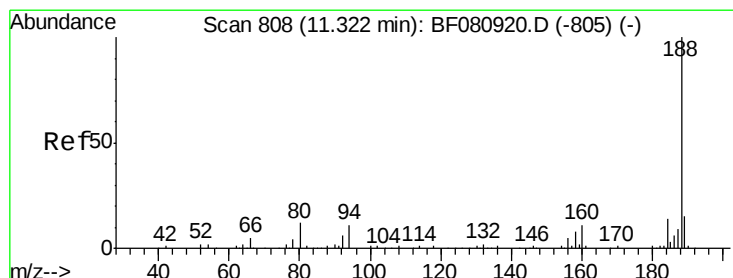
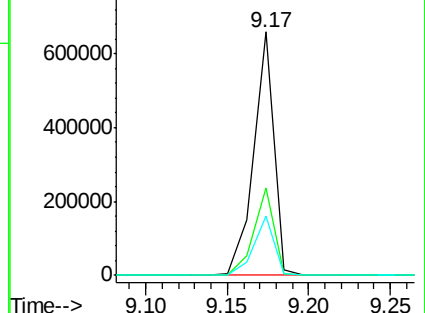
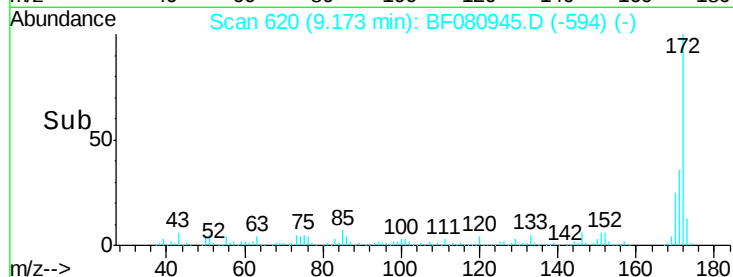
#44
 2-Fluorobiphenyl
 Concen: 57.87 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080945.D
 Acq: 8 Aug 2015 2:39

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW-COMP

Tot Ion:172 Resp: 570086
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.6 19.7 29.5

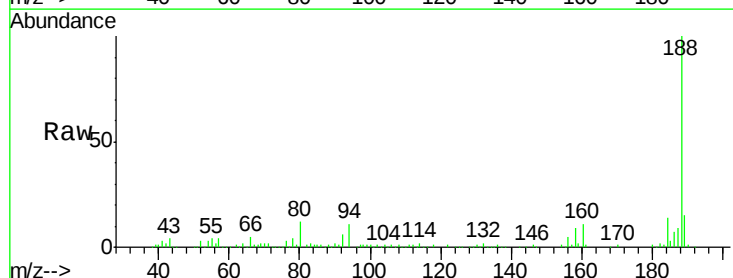


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

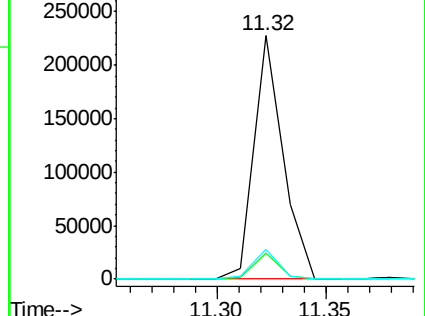
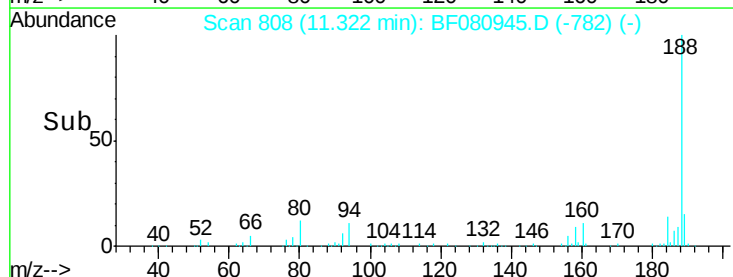


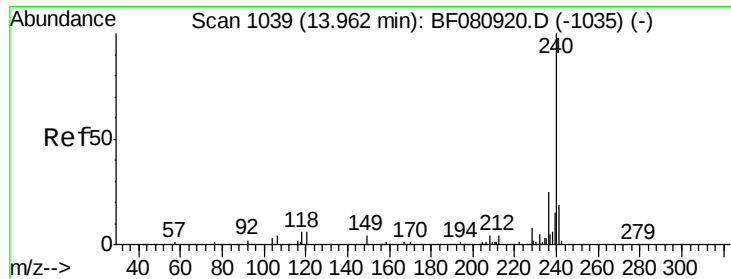
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF080945.D
 Acq: 8 Aug 2015 2:39

Tgt Ion:188 Resp: 211097
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.8 13.2
 80 12.0 9.5 14.3



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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

Instrument :

BNA_F

ClientSampleId :

EFF-WW-COMP

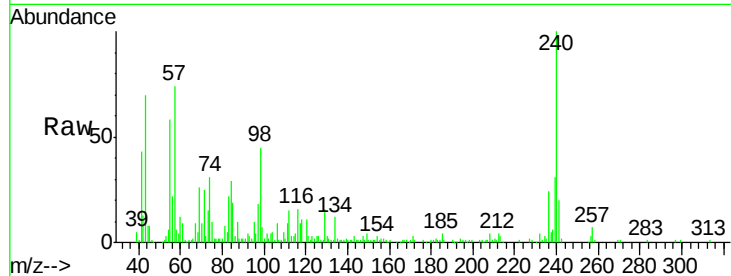
Tot Ion:240 Resp: 251715

Ion Ratio Lower Upper

240 100

120 10.9 5.2 7.8#

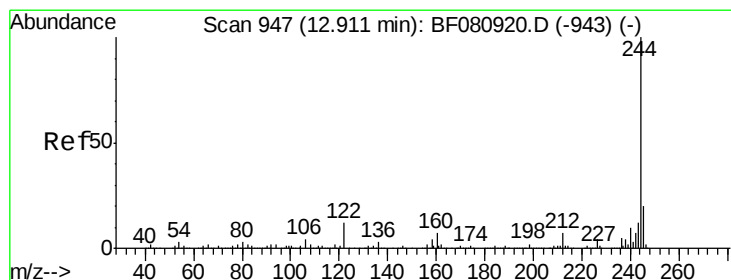
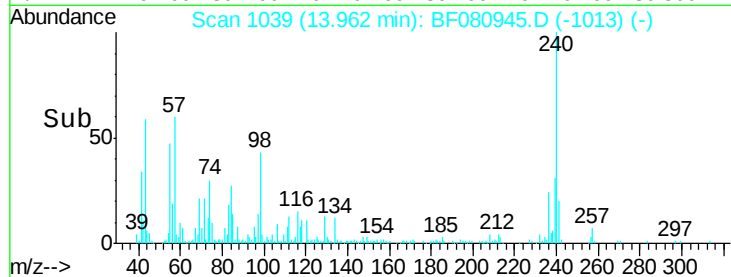
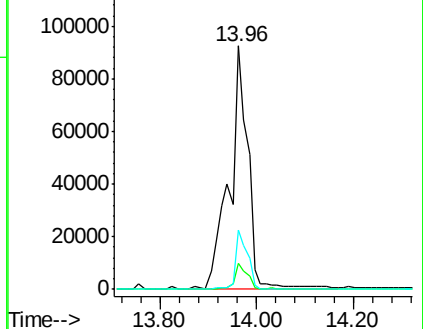
236 24.1 20.2 30.4



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: 26.55 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

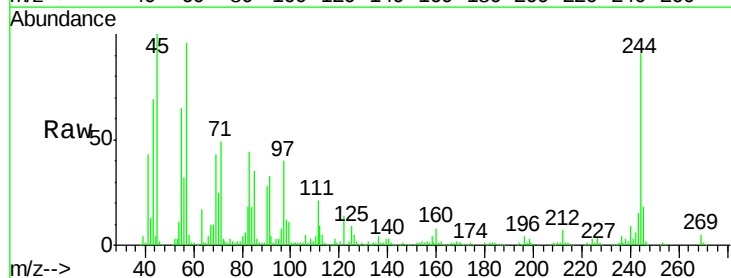
Tgt Ion:244 Resp: 323523

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

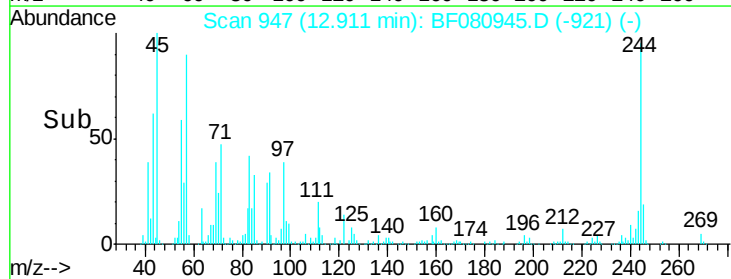
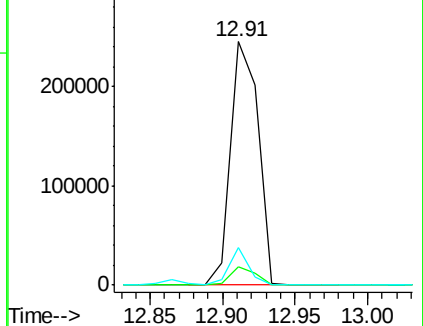
122 15.4 9.4 14.2#

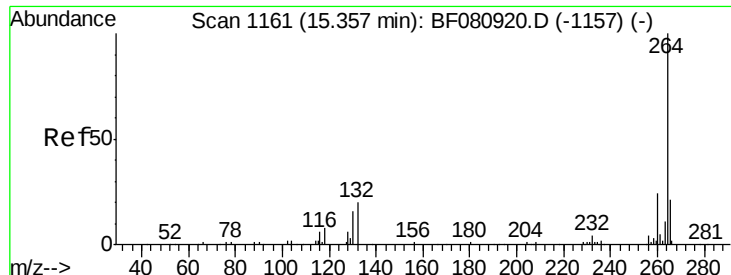


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

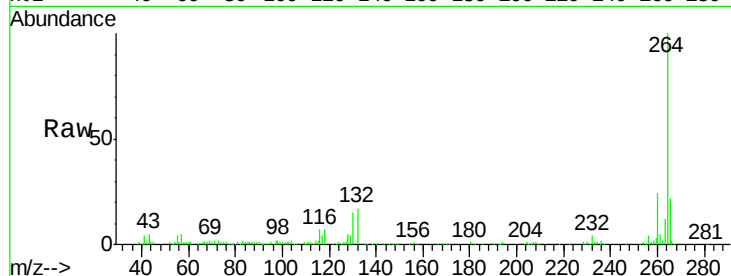




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Instrument :
BNA_F
ClientSampleId :
EFF-WW-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.6	17.0	25.4



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

