

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086453.D
 Acq On : 28 Apr 2016 5:14
 Operator : UM/SJ
 Sample : H2707-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB07(0.5-6.0)

Quant Time: Apr 28 08:08:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

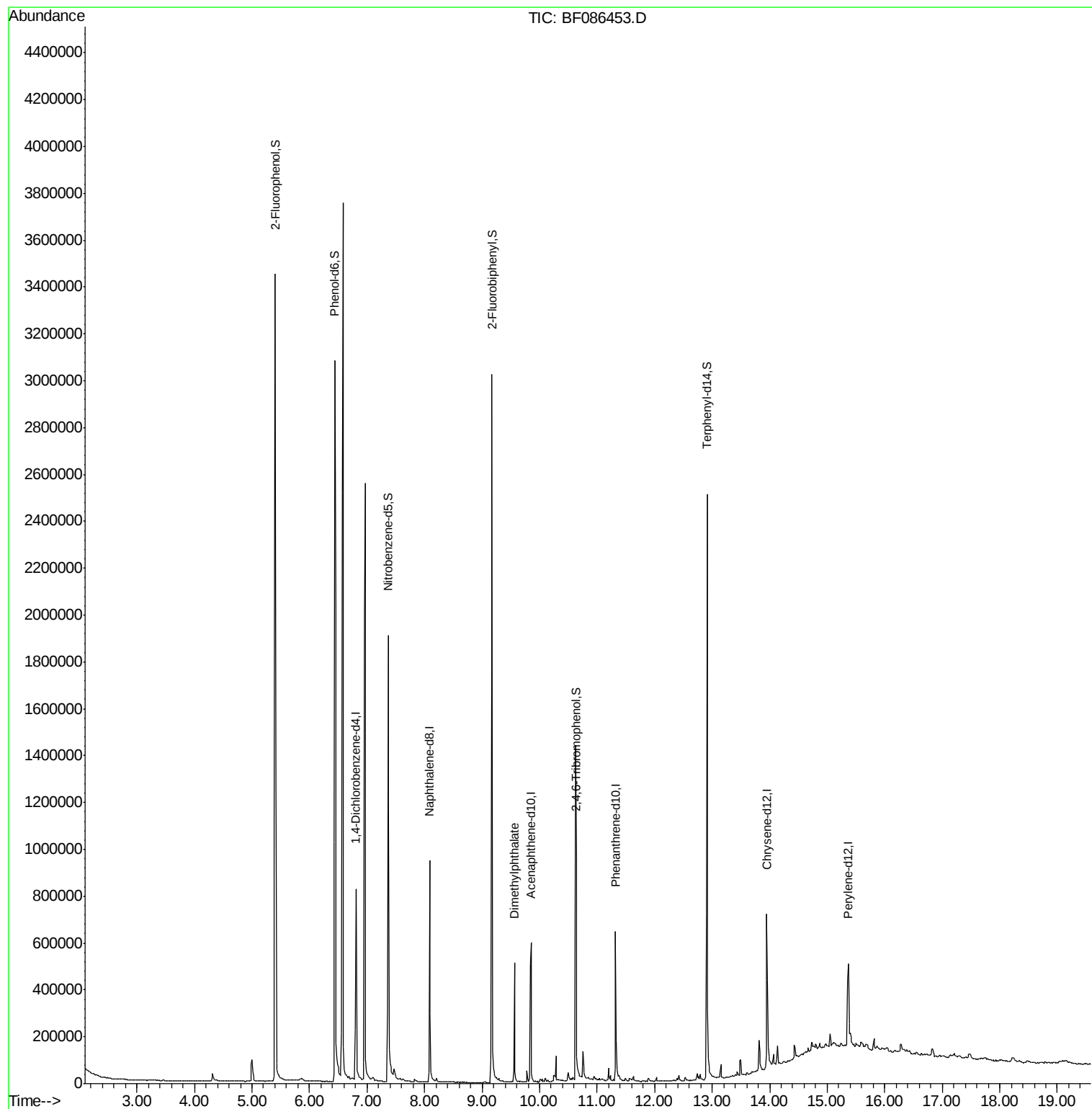
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126663	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	459666	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	162242	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	270700	20.00	ng	0.00
75) Chrysene-d12	13.95	240	302938	20.00	ng	-0.01
86) Perylene-d12	15.37	264	214158	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1099739	149.76	ng	0.01
7) Phenol-d6	6.44	99	1514317	147.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	860371	100.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	224679	131.32	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1202628	150.58	ng	0.00
78) Terphenyl-d14	12.91	244	817295	59.44	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	185318	15.17	ng	99

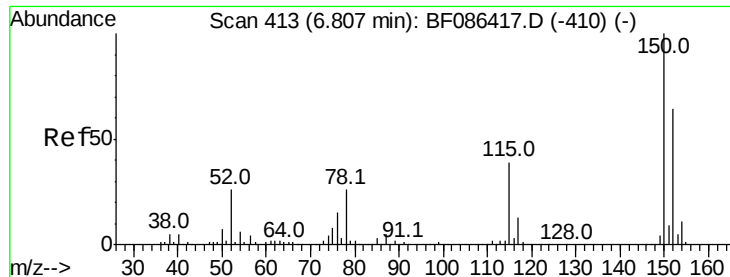
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB07(0.5-6.0)

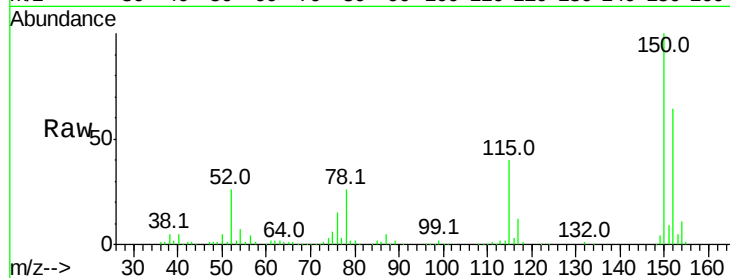
Tot Ion:152 Resp: 126663

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

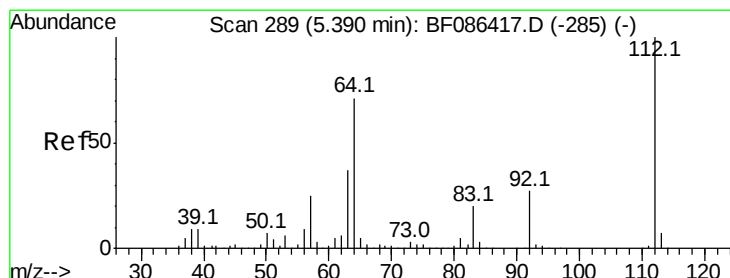
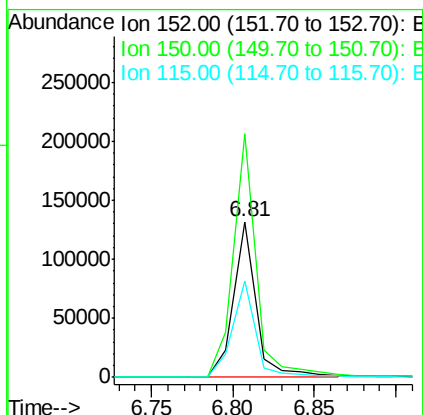
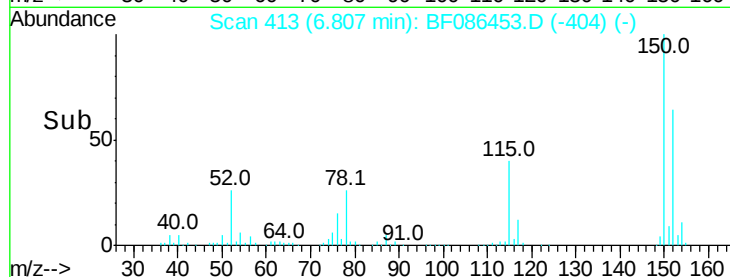
115 62.0 51.5 77.3



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: 149.76 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

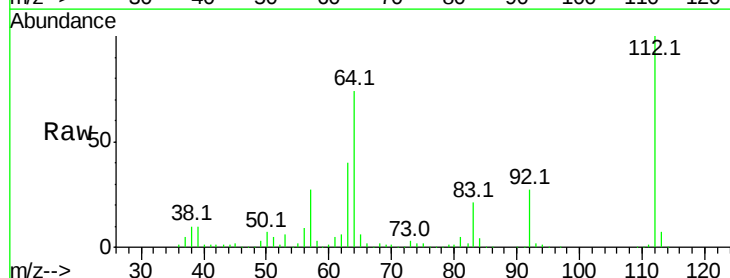
Tgt Ion:112 Resp: 1099739

Ion Ratio Lower Upper

112 100

64 74.3 52.1 78.1

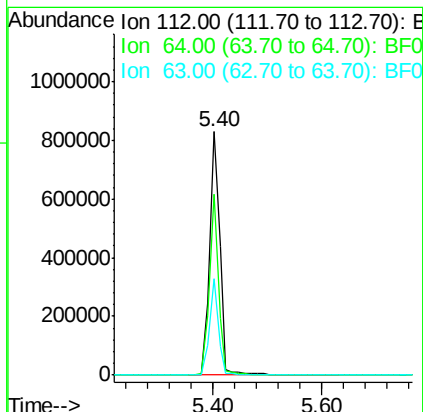
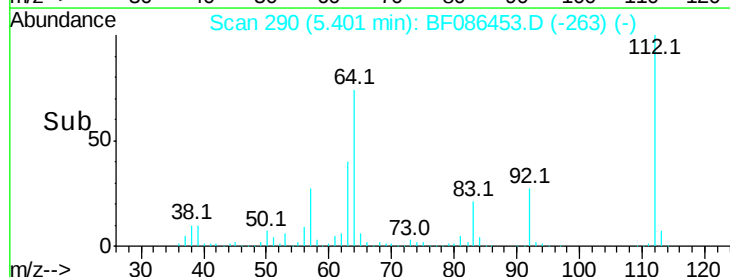
63 39.6 25.7 38.5

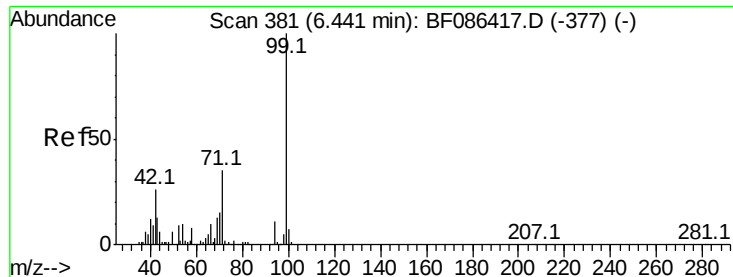


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.75 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

Instrument :

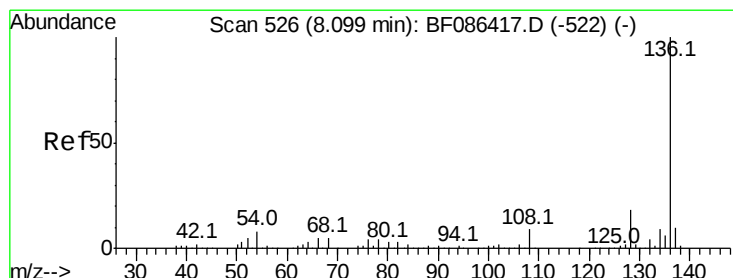
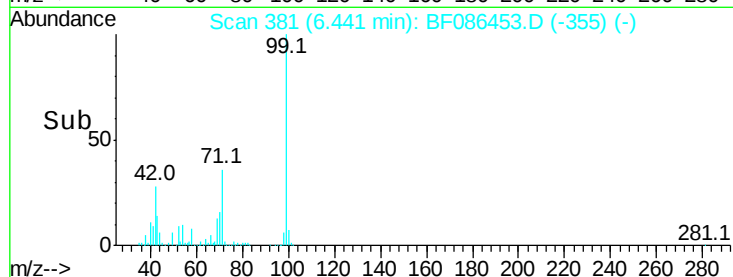
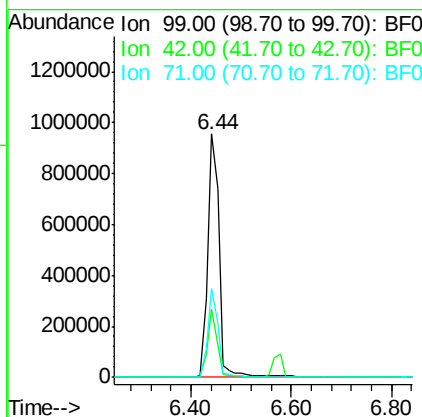
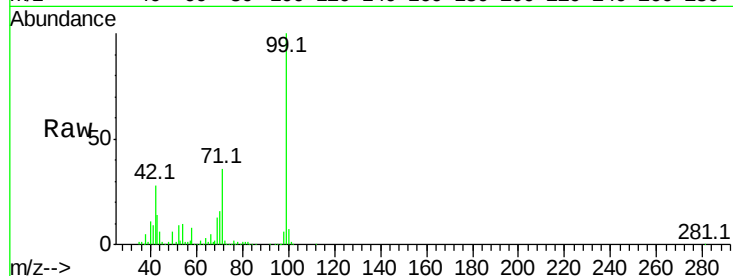
BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB07(0.5-6.0)

Tot Ion: 99 Resp: 1514317

Ion	Ratio	Lower	Upper
99	100		
42	28.0	13.6	20.4#
71	36.2	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

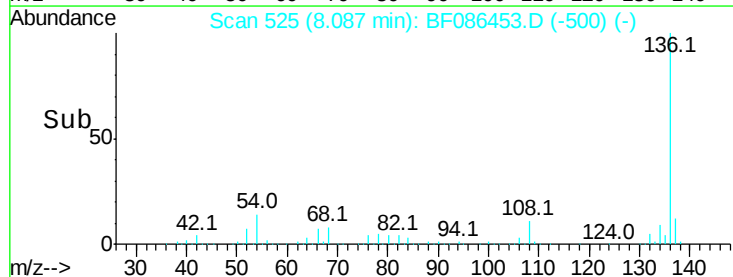
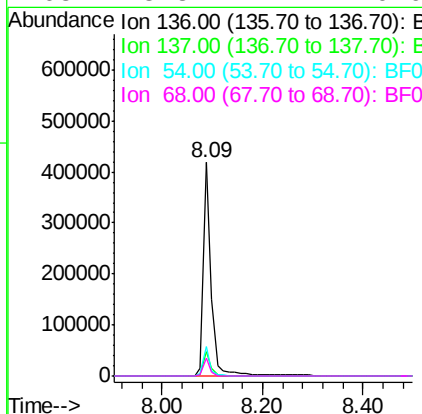
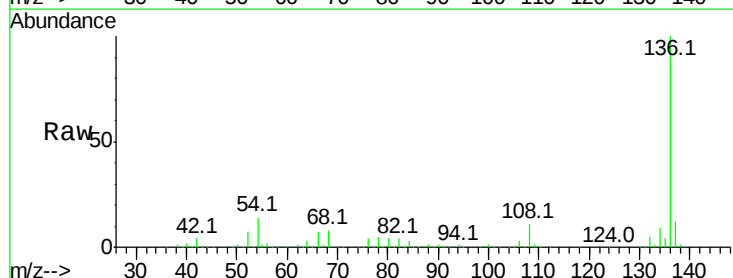
Delta R.T. -0.01 min

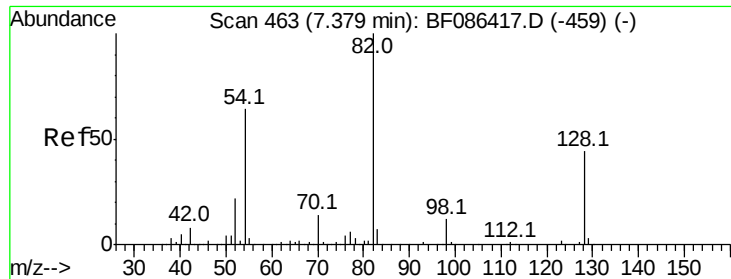
Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

Tgt Ion: 136 Resp: 459666

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	13.7	5.0	7.4#
68	8.3	4.4	6.6#





#23

Nitrobenzene-d5

Concen: 100.89 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB07(0.5-6.0)

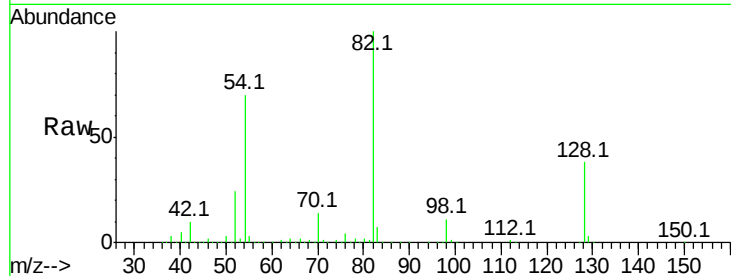
Tot Ion: 82 Resp: 860371

Ion Ratio Lower Upper

82 100

128 38.0 40.6 61.0#

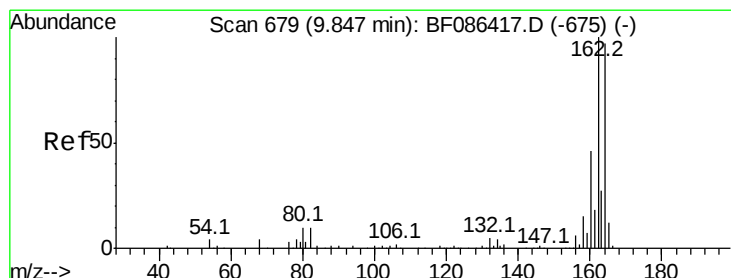
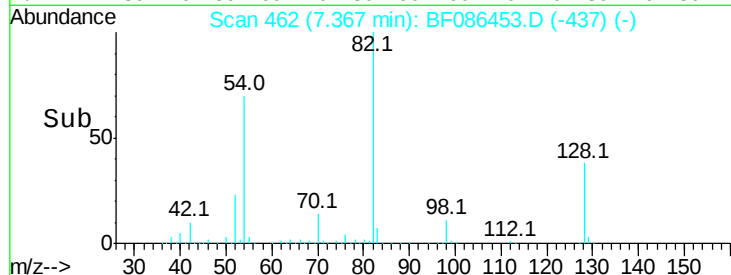
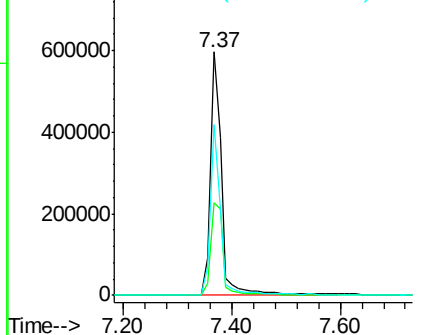
54 70.3 38.1 57.1#



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: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

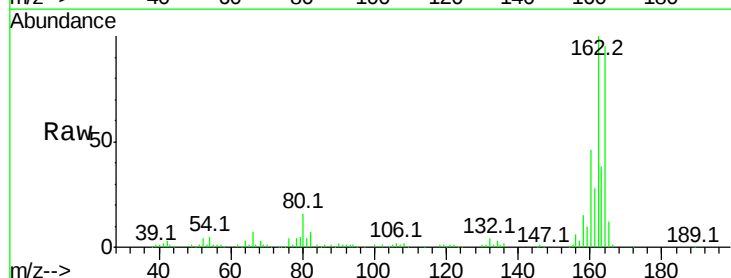
Tgt Ion:164 Resp: 162242

Ion Ratio Lower Upper

164 100

162 105.5 82.8 124.2

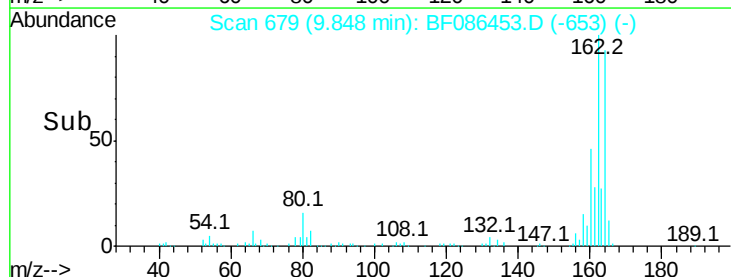
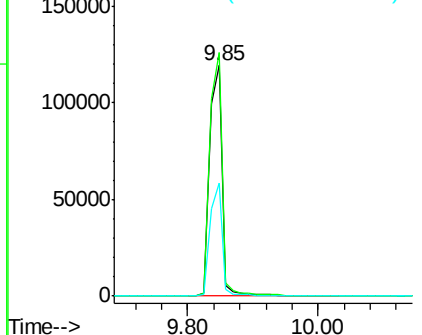
160 49.0 36.9 55.3

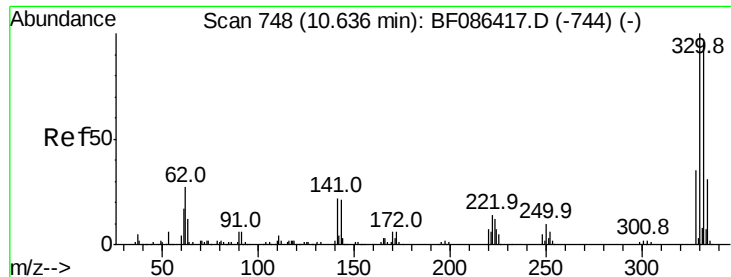


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

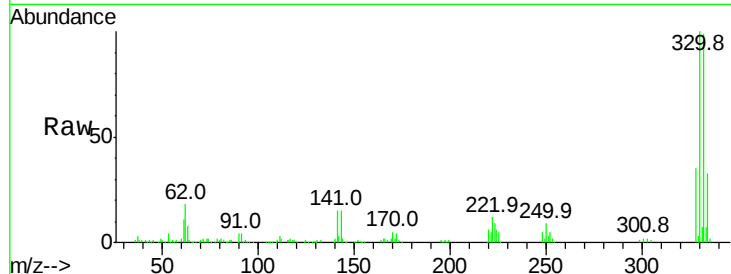




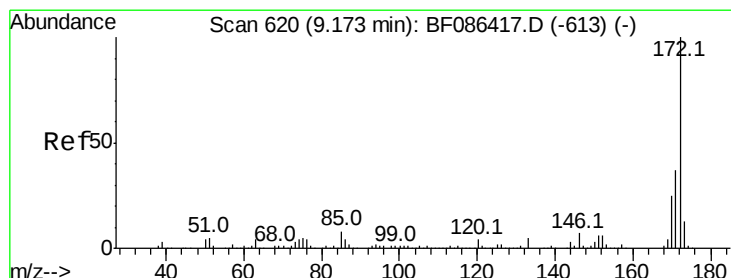
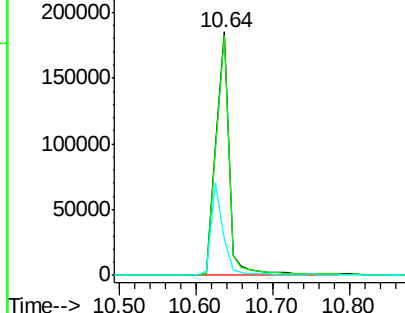
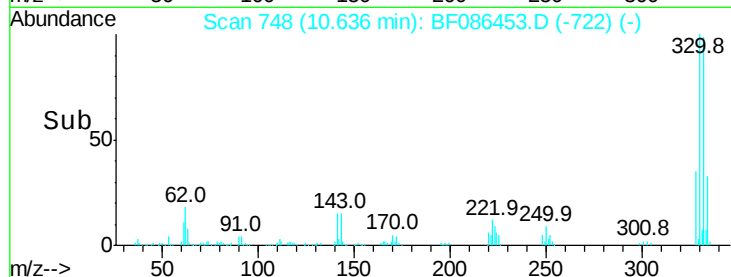
#41
 2,4,6-Tribromophenol
 Concen: 131.32 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086453.D
 Acq: 28 Apr 2016 5:14

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB07(0.5-6.0)

Tot Ion:330 Resp: 224679
 Ion Ratio Lower Upper
 330 100
 332 99.7 79.0 118.4
 141 34.5 31.2 46.8

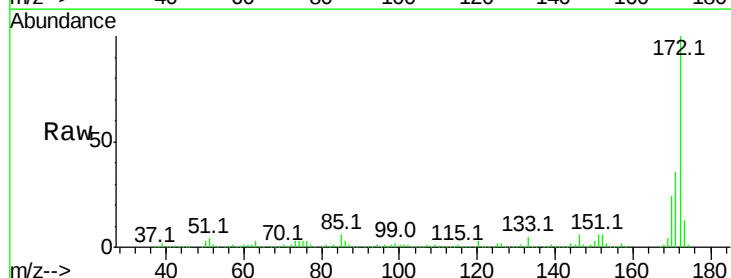


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

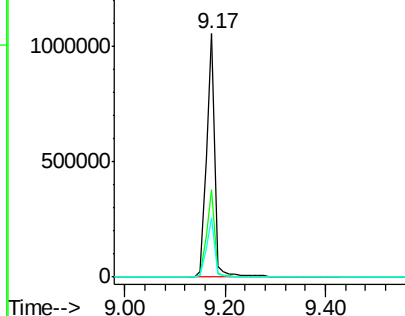
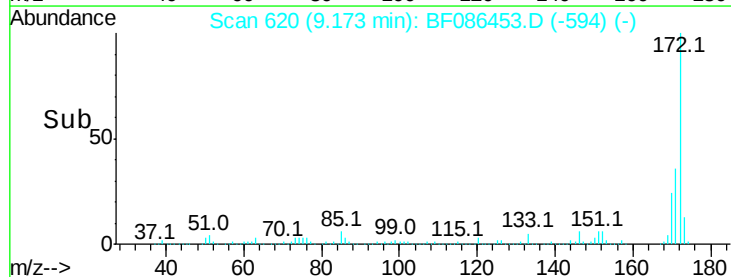


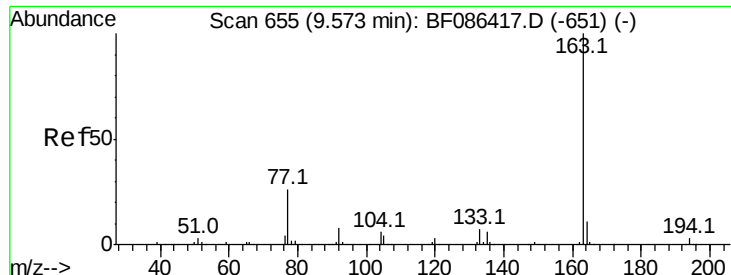
#44
 2-Fluorobiphenyl
 Concen: 150.58 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086453.D
 Acq: 28 Apr 2016 5:14

Tgt Ion:172 Resp: 1202628
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.4 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

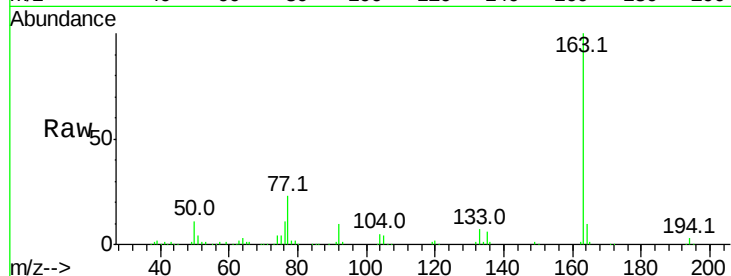




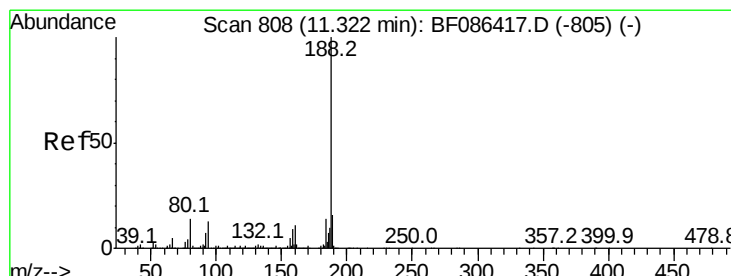
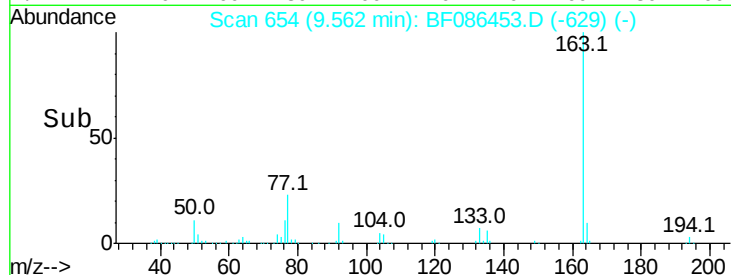
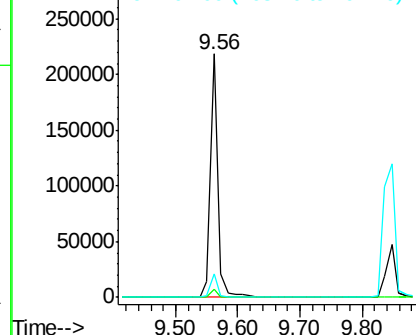
#49
Dimethylphthalate
Concen: 15.17 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086453.D
Acq: 28 Apr 2016 5:14

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB07(0.5-6.0)

Tot Ion:163 Resp: 185318
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.8 8.2 12.4

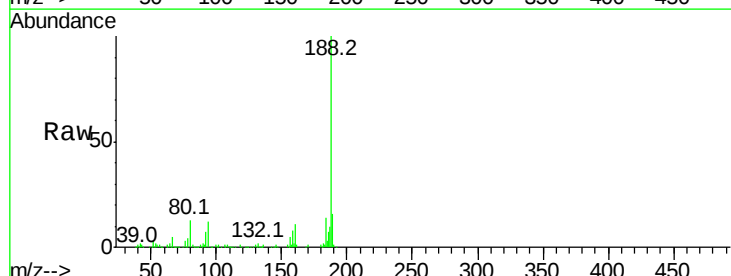


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

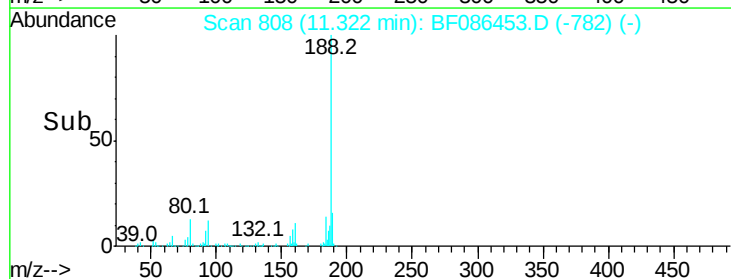
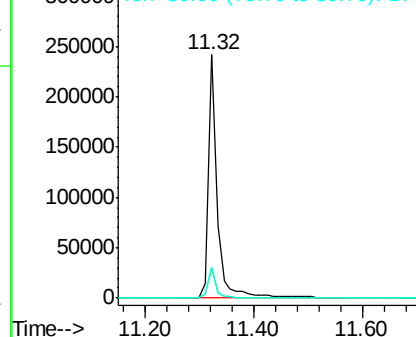


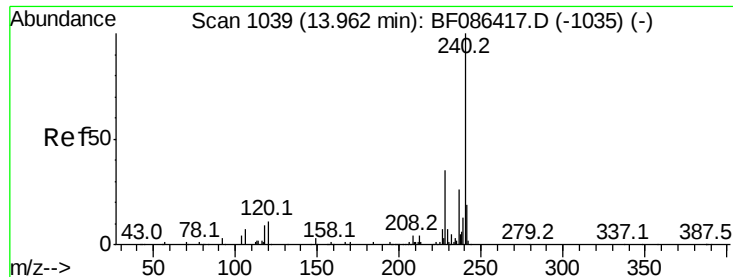
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086453.D
Acq: 28 Apr 2016 5:14

Tgt Ion:188 Resp: 270700
Ion Ratio Lower Upper
188 100
94 12.2 6.8 10.2#
80 12.8 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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB07(0.5-6.0)

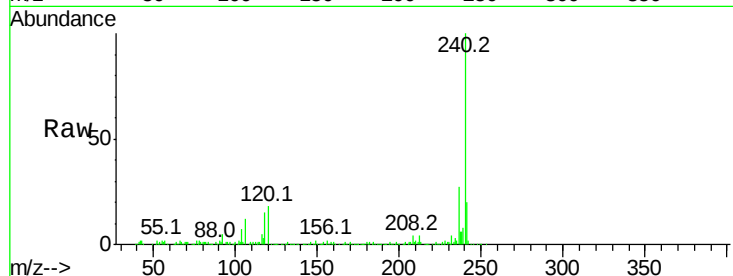
Tot Ion:240 Resp: 302938

Ion Ratio Lower Upper

240 100

120 17.9 11.2 16.8#

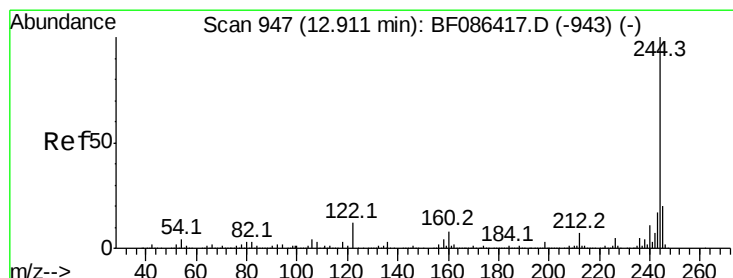
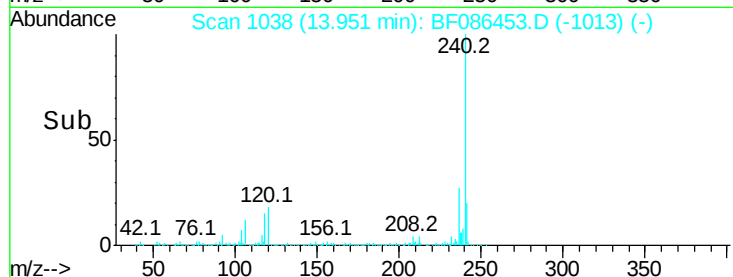
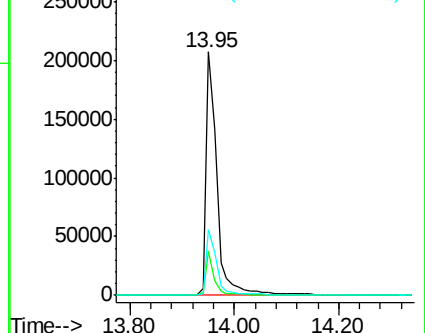
236 26.8 21.2 31.8



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: 59.44 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

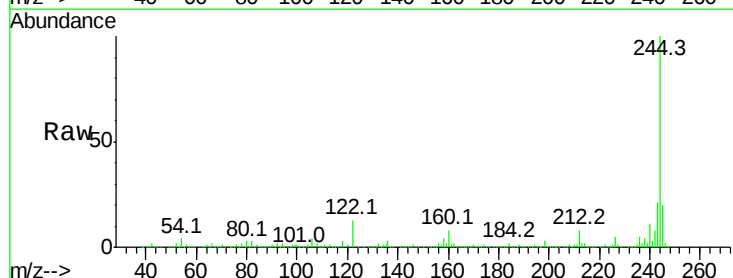
Tgt Ion:244 Resp: 817295

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

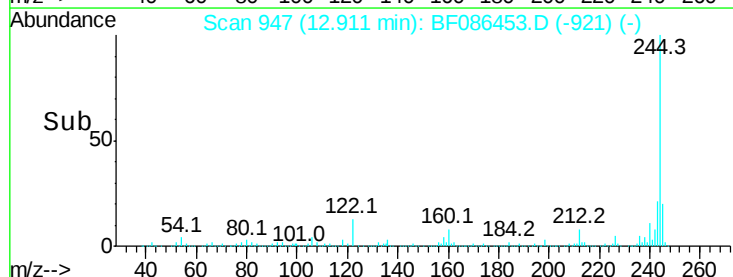
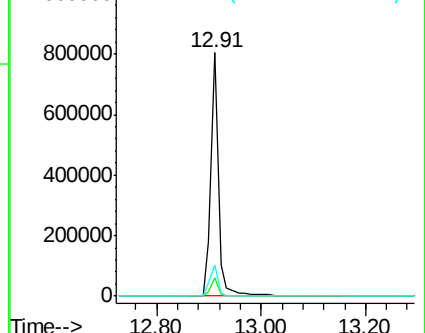
122 13.0 12.0 18.0

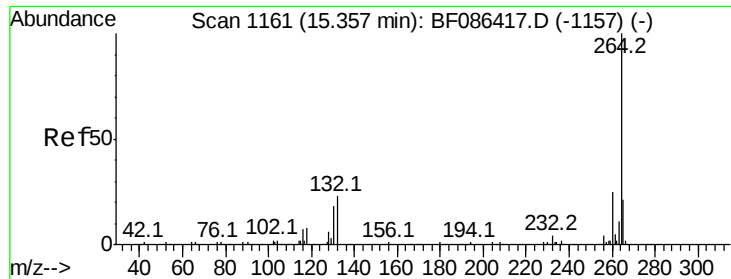


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

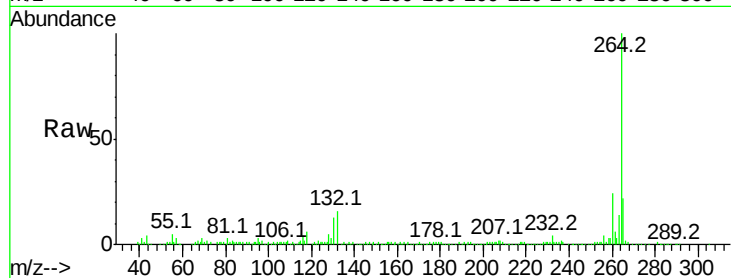




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086453.D
Acq: 28 Apr 2016 5:14

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB07(0.5-6.0)

Tot Ion:	264	Resp:	214158
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.6	17.3	25.9



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

