

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094625.D
 Acq On : 26 Apr 2017 1:33
 Operator : SJ/MA
 Sample : I2820-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB435B

Quant Time: Apr 26 05:55:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

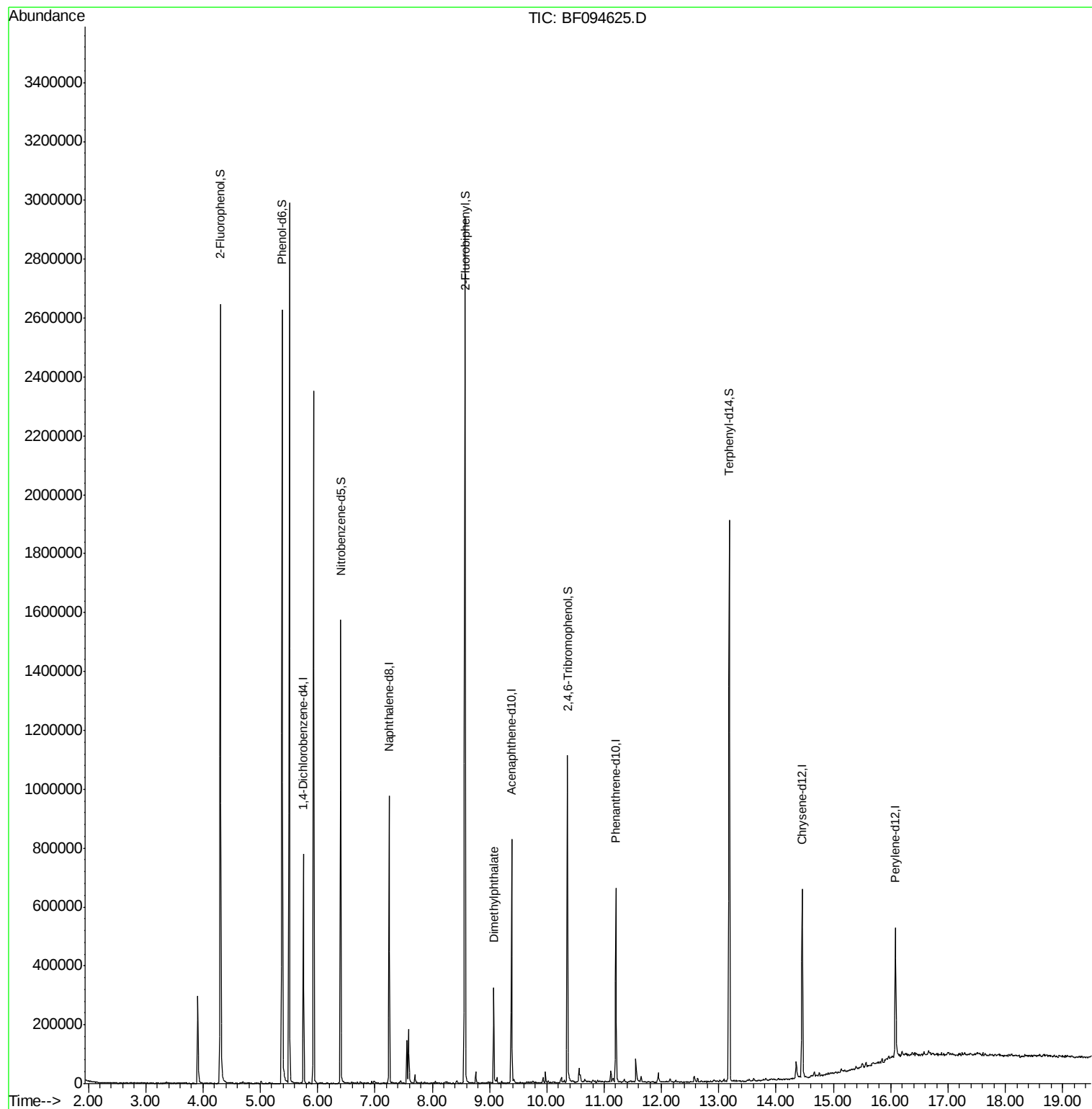
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	118658	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	464637	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	180660	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	272560	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	247666	20.00	ng	-0.01
86) Perylene-d12	16.08	264	177842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	830572	116.13	ng	0.00
7) Phenol-d6	5.38	99	1013425	120.19	ng	0.00
23) Nitrobenzene-d5	6.40	82	579522	77.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	141409	100.07	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1010391	82.29	ng	-0.01
78) Terphenyl-d14	13.18	244	633957	68.42	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.07	163	143488	10.66	ng	98

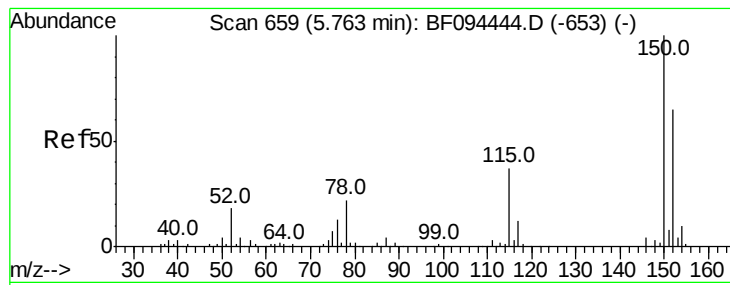
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

Instrument :

BNA_F

ClientSampleId :

HY-SB435B

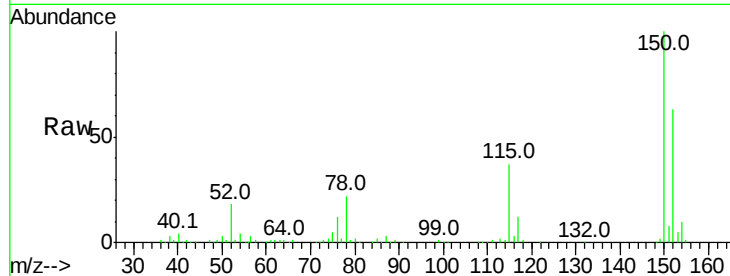
Tot Ion:152 Resp: 118658

Ion Ratio Lower Upper

152 100

150 158.4 126.2 189.2

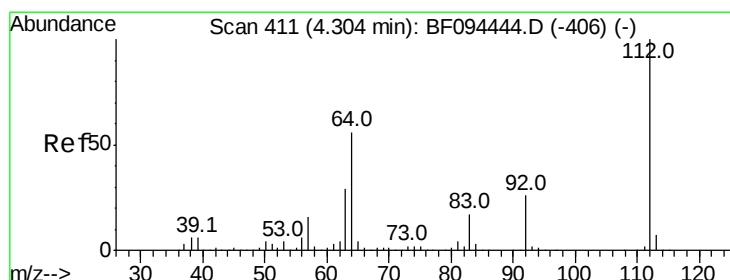
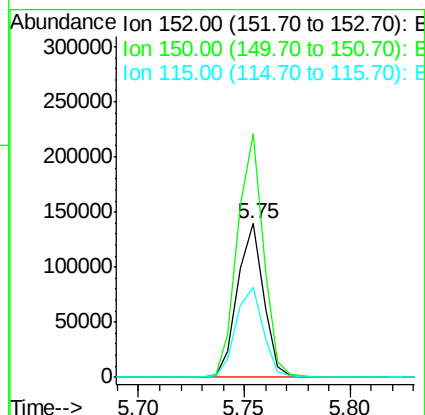
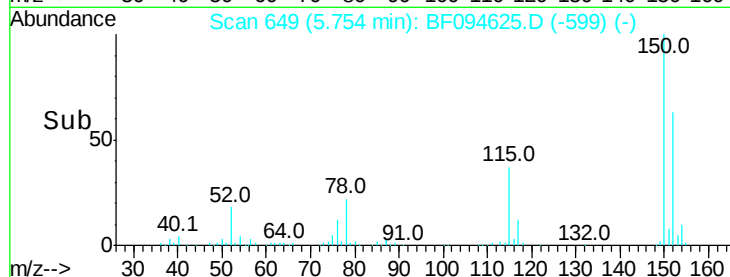
115 58.7 52.2 78.2



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: 116.13 ng

RT: 4.31 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

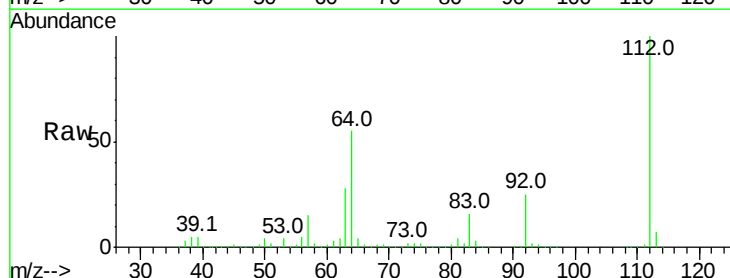
Tgt Ion:112 Resp: 830572

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

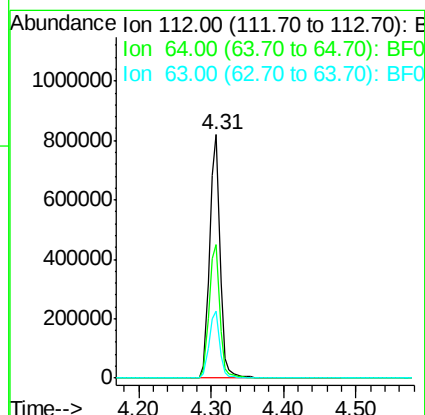
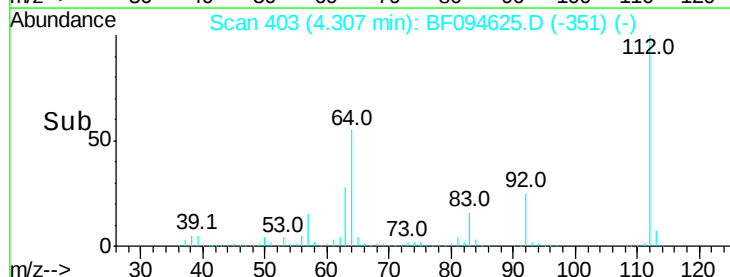
63 27.6 23.4 35.0

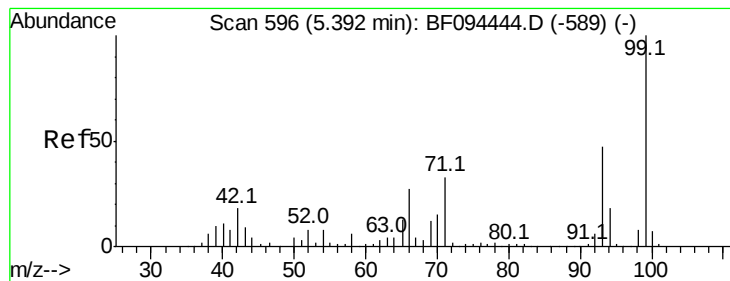


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.19 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

Instrument :

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ClientSampleId :

HY-SB435B

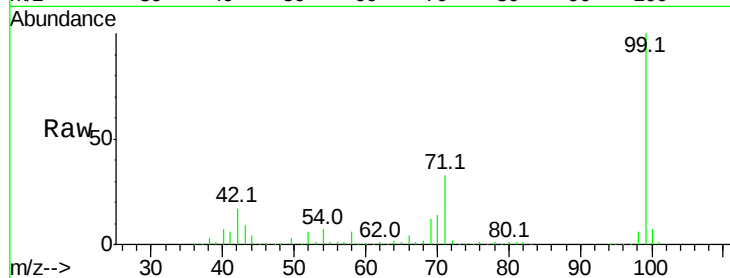
Tot Ion: 99 Resp: 1013425

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	32.5	24.5	36.7

99 100

42 17.3 13.5 20.3

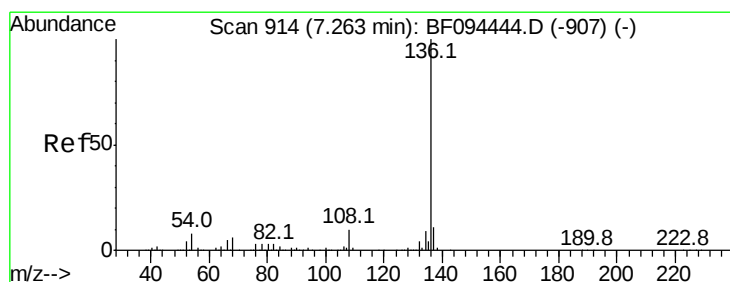
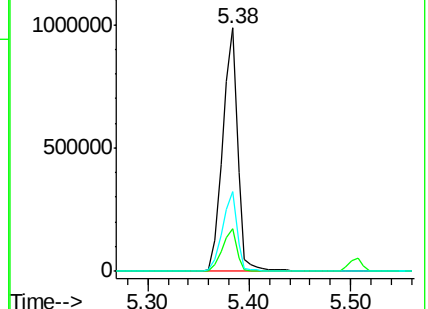
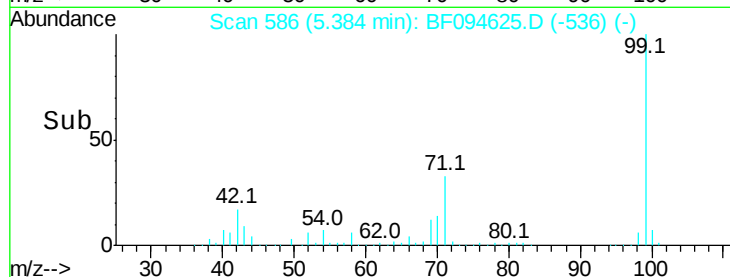
71 32.5 24.5 36.7



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: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

Tgt Ion: 136 Resp: 464637

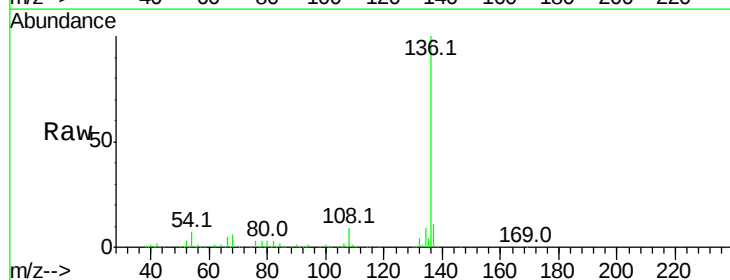
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.6	4.9	7.3
68	5.9	4.1	6.1

136 100

137 10.6 8.5 12.7

54 6.6 4.9 7.3

68 5.9 4.1 6.1

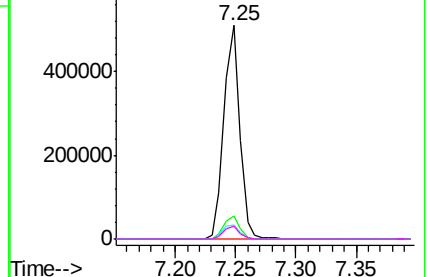
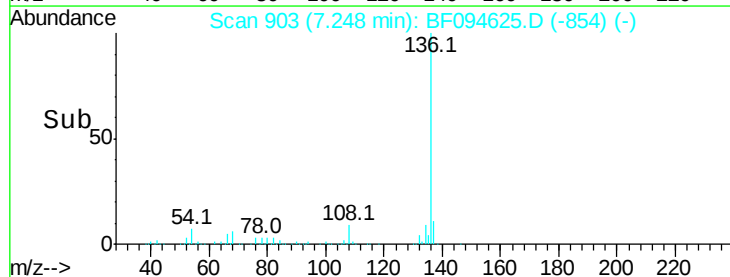


Abundance Ion 136.00 (135.70 to 136.70): E

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

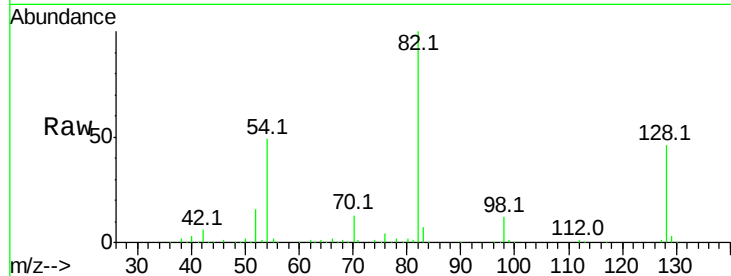




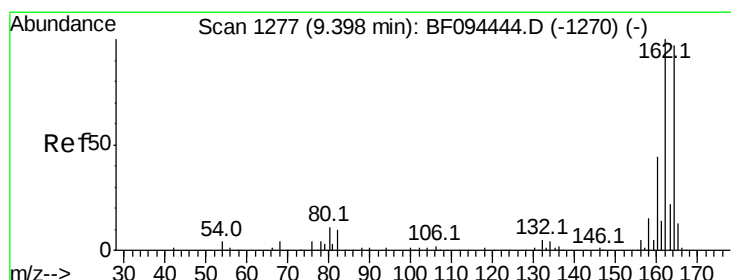
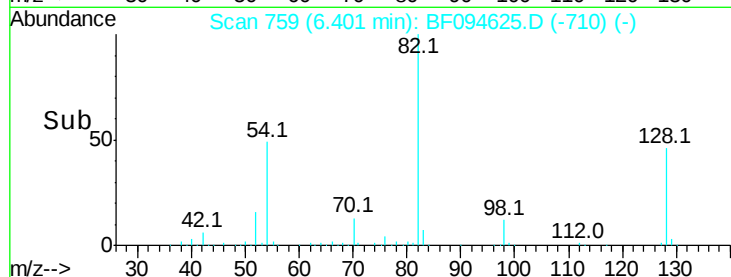
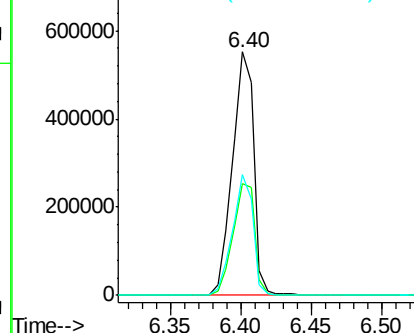
#23
 Nitrobenzene-d5
 Concen: 77.02 ng
 RT: 6.40 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF094625.D
 Acq: 26 Apr 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB435B

Tot Ion	82	Resp	579522
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	49.4	42.2	63.2

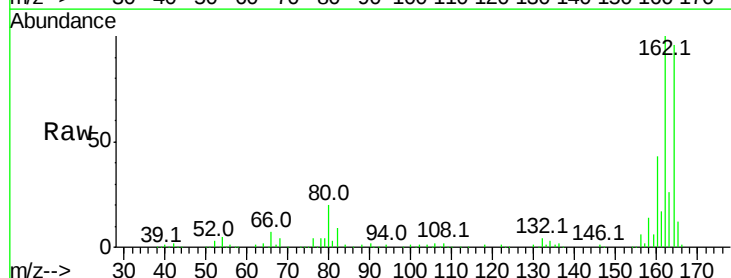


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

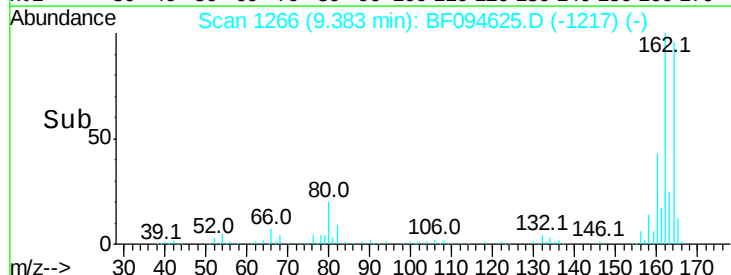
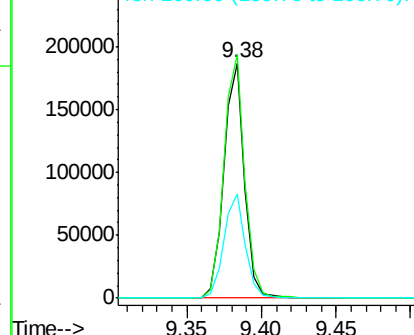


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094625.D
 Acq: 26 Apr 2017 1:33

Tgt Ion	164	Resp	180660
Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	44.3	36.2	54.2



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

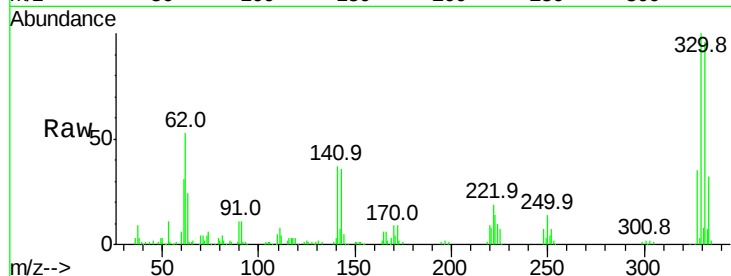




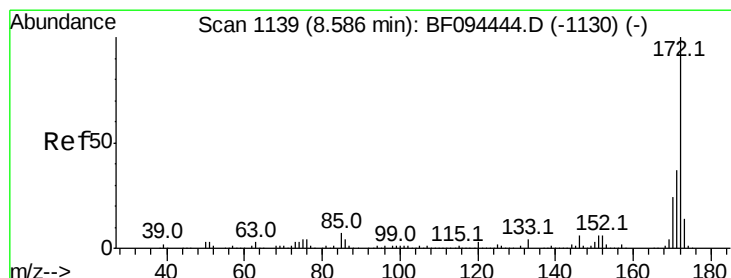
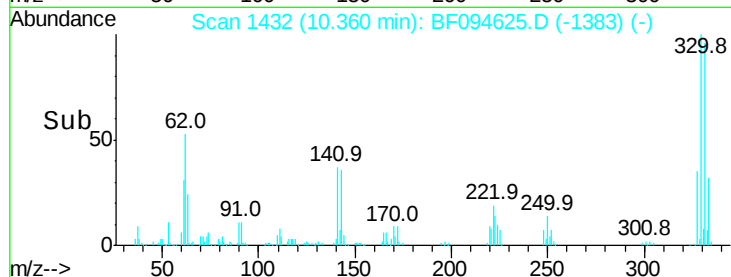
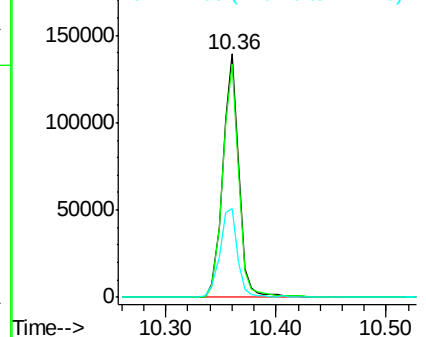
#41
 2,4,6-Tribromophenol
 Concen: 100.07 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094625.D
 Acq: 26 Apr 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB435B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	39.8	31.4	47.2

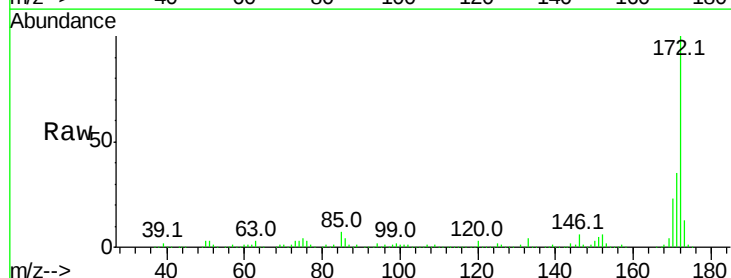


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

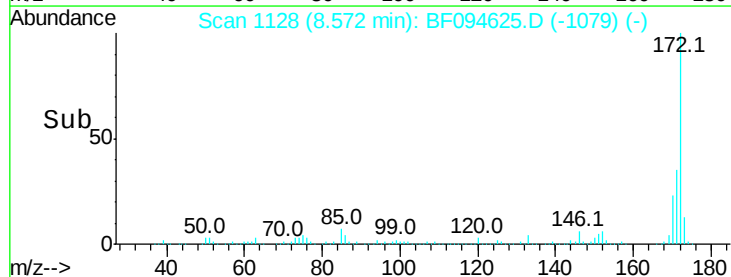
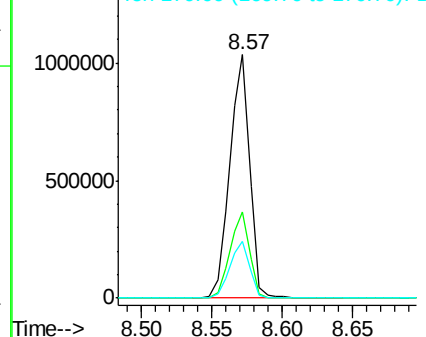


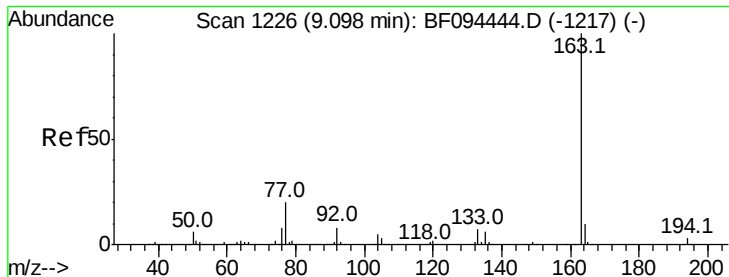
#44
 2-Fluorobiphenyl
 Concen: 82.29 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094625.D
 Acq: 26 Apr 2017 1:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.4	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

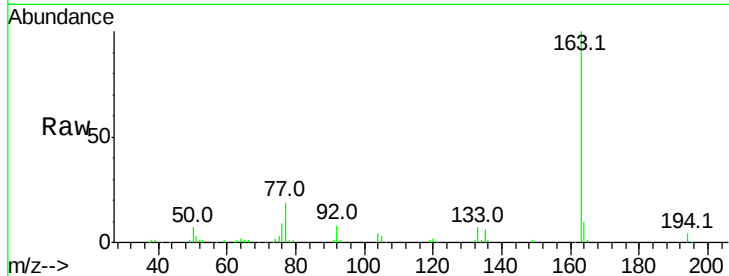




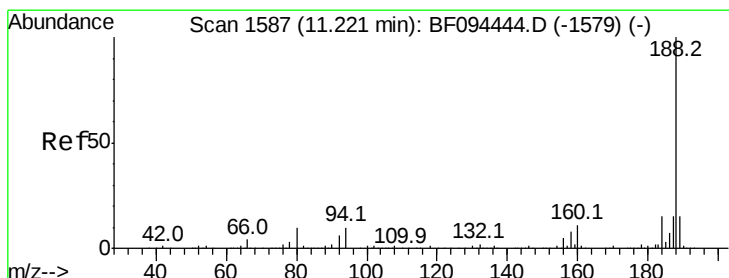
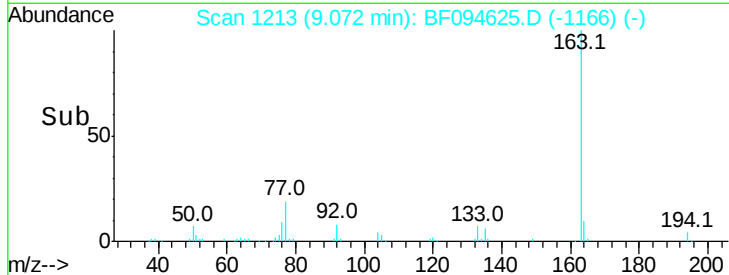
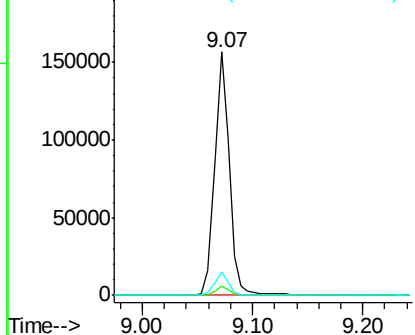
#49
Dimethylphthalate
Concen: 10.66 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094625.D
Acq: 26 Apr 2017 1:33

Instrument :
BNA_F
ClientSampleId :
HY-SB435B

Tot Ion:163 Resp: 143488
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 8.4 12.6

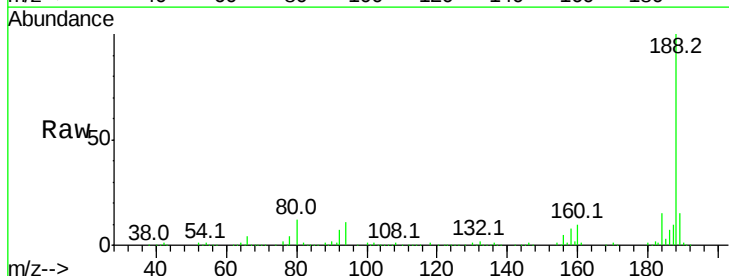


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

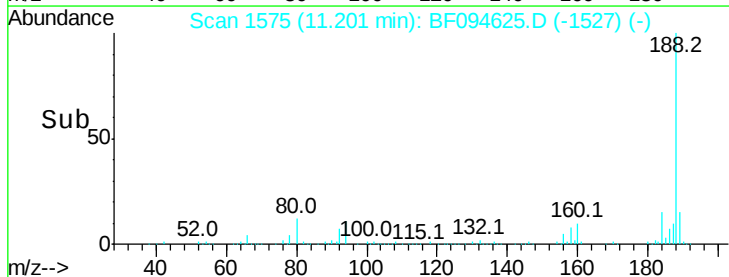
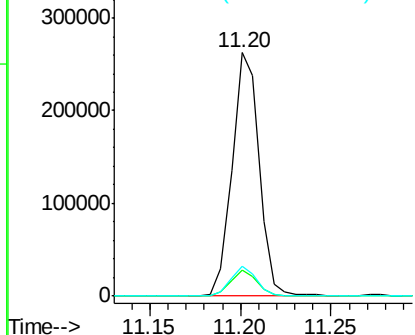


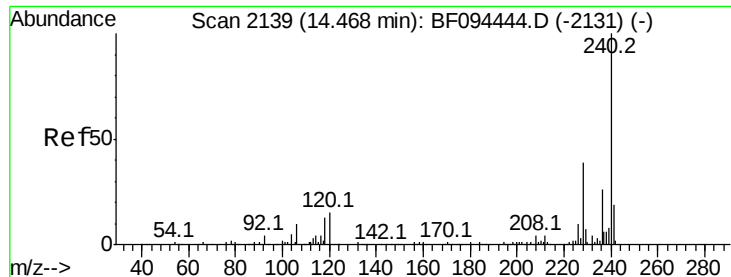
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094625.D
Acq: 26 Apr 2017 1:33

Tgt Ion:188 Resp: 272560
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 12.5 10.2 15.2



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

Chrvsene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

Instrument :

BNA_F

ClientSampleId :

HY-SB435B

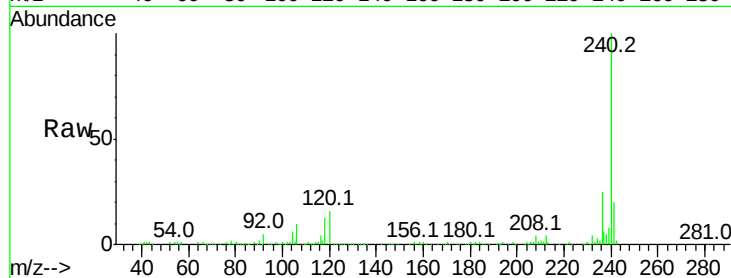
Tot Ion:240 Resp: 247666

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

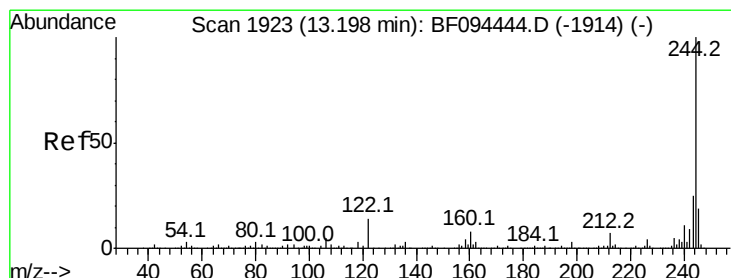
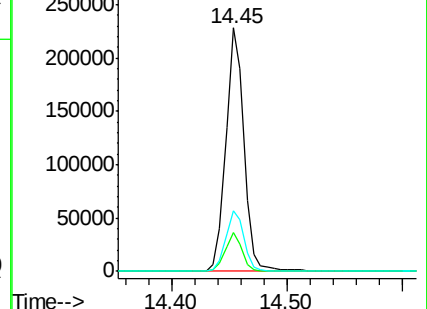
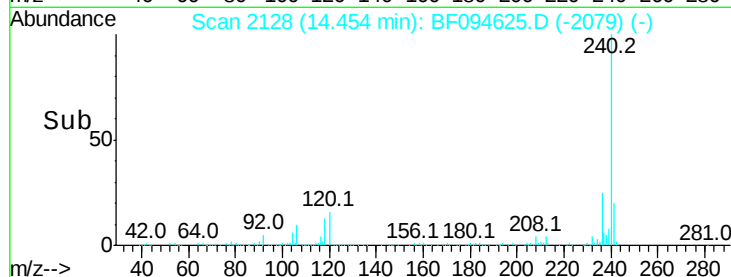
236 25.1 20.5 30.7



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: 68.42 ng

RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

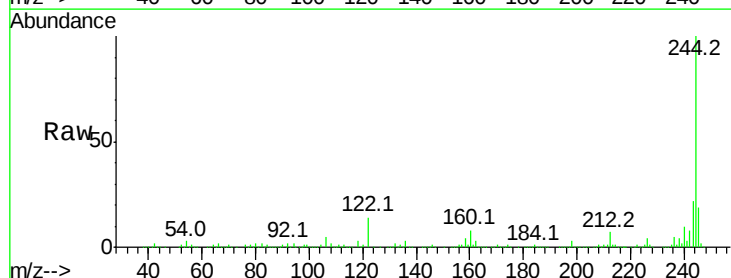
Tgt Ion:244 Resp: 633957

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

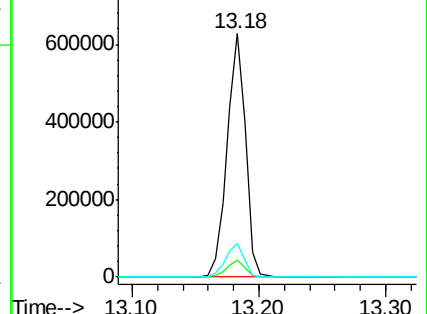
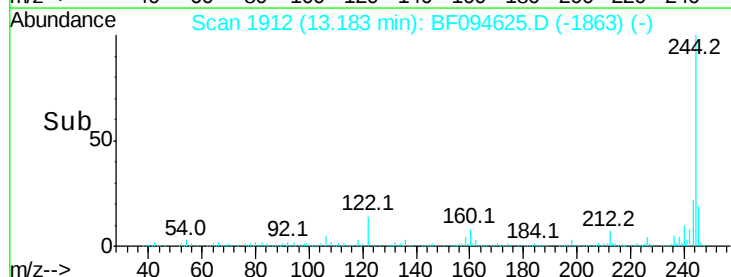
122 14.1 10.3 15.5

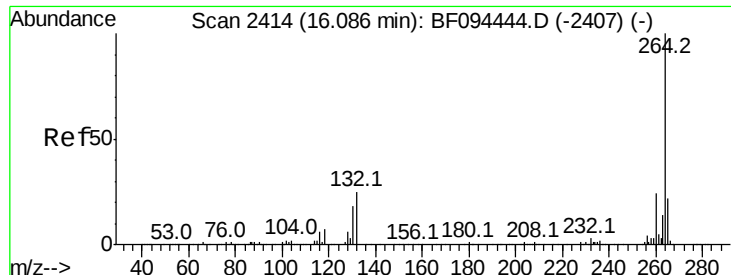


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094625.D
Acq: 26 Apr 2017 1:33

Instrument :
BNA_F
ClientSampleId :
HY-SB435B

Tot Ion:264 Resp: 177842

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	17.2	25.8

