

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094701.D
 Acq On : 28 Apr 2017 23:14
 Operator : SJ/MA
 Sample : I2895-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP(4.0-6.0)

Quant Time: Apr 29 04:07:31 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

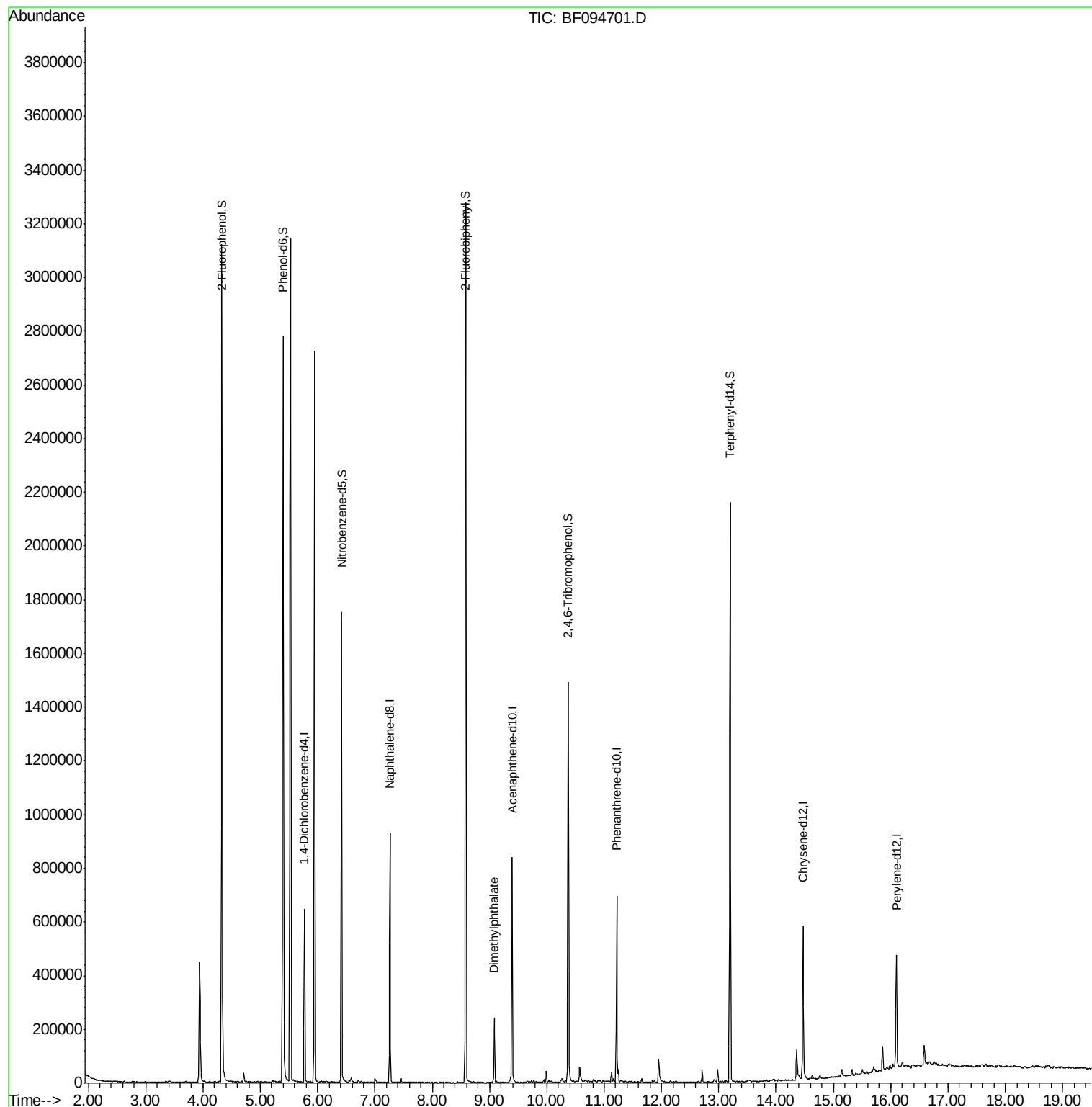
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	111054	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	425691	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	177249	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	274372	20.00	ng	0.00
75) Chrysene-d12	14.47	240	226845	20.00	ng	0.00
86) Perylene-d12	16.10	264	174302	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	945906	141.31	ng	0.03
7) Phenol-d6	5.40	99	1175222	148.93	ng	0.00
23) Nitrobenzene-d5	6.42	82	668131	96.92	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	197916	142.75	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1160230	96.31	ng	0.00
78) Terphenyl-d14	13.20	244	828607	97.64	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.08	163	106835	8.09	ng	Qvalue 99

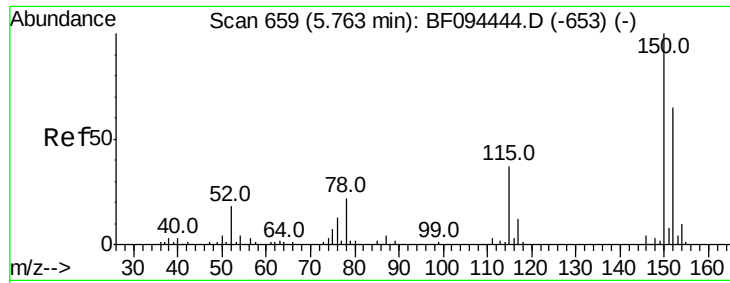
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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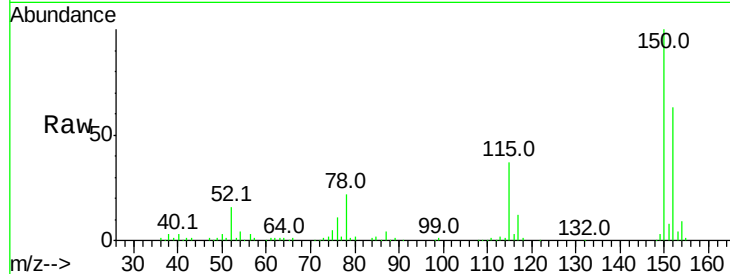


#1

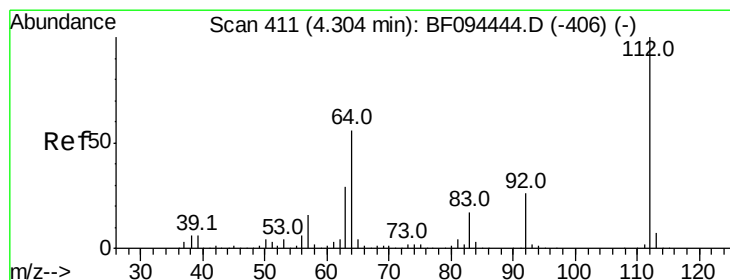
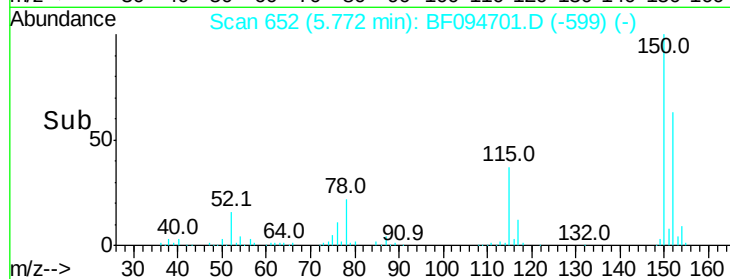
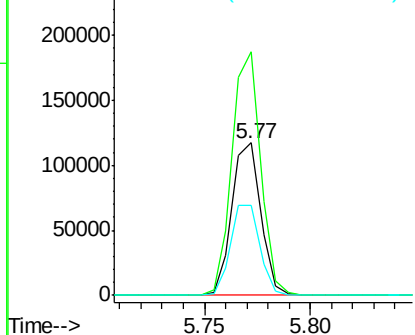
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094701.D
Acq: 28 Apr 2017 23:14

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP(4.0-6.0)

Tot Ion:152 Resp: 111054
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 59.2 52.2 78.2



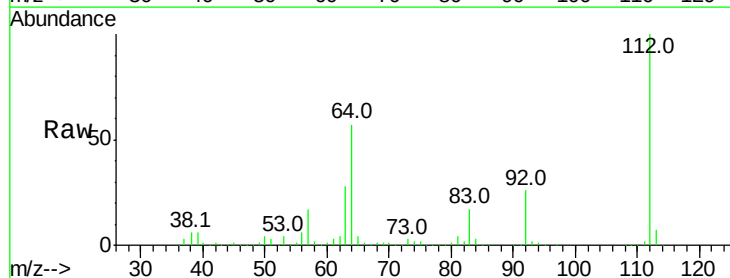
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



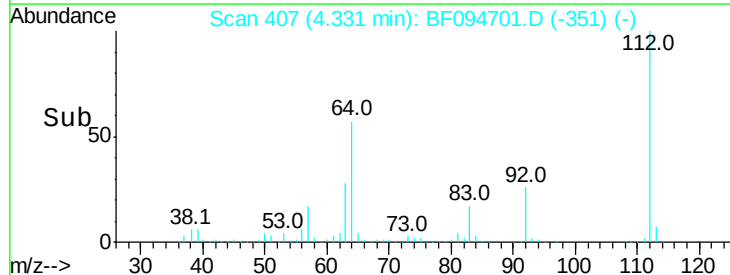
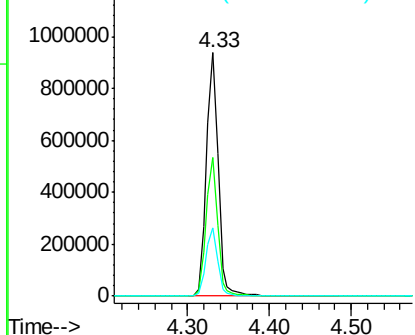
#5

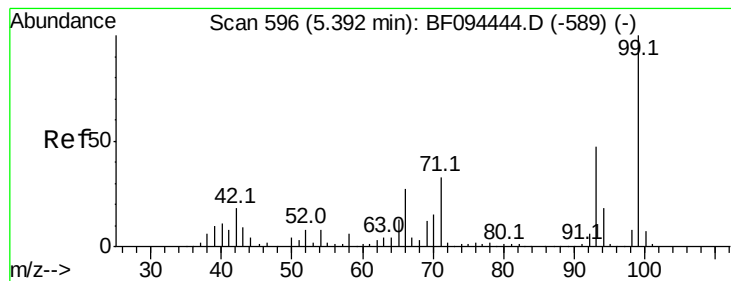
2-Fluorophenol
Concen: 141.31 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094701.D
Acq: 28 Apr 2017 23:14

Tgt Ion:112 Resp: 945906
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 28.2 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: 148.93 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(4.0-6.0)

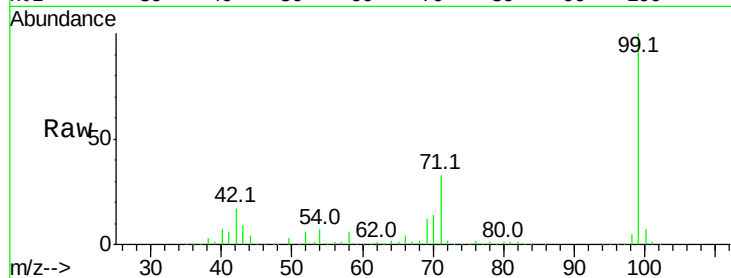
Tot Ion: 99 Resp: 1175222

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.4	24.5	36.7

99 100

42 17.4 13.5 20.3

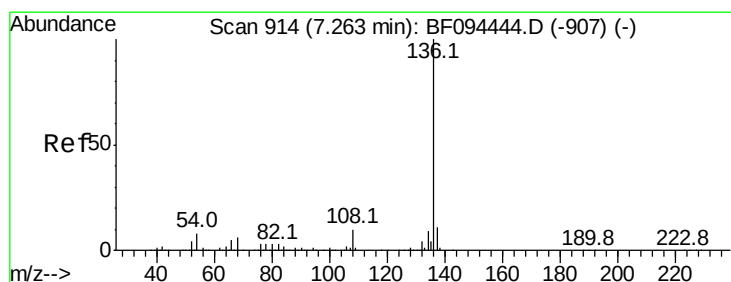
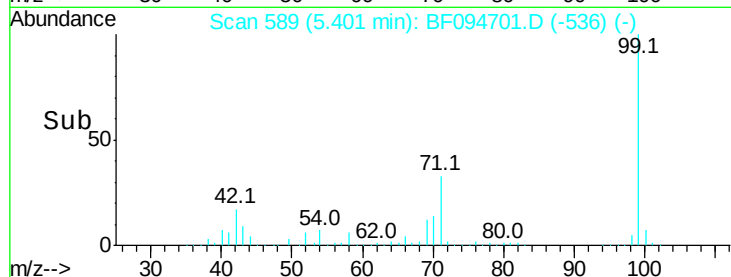
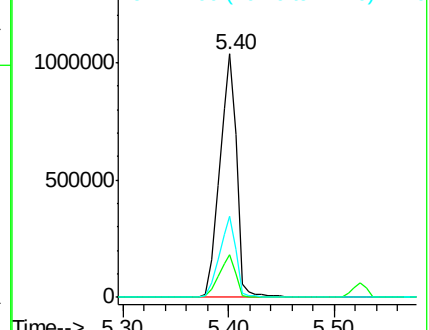
71 33.4 24.5 36.7



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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

Tgt Ion: 136 Resp: 425691

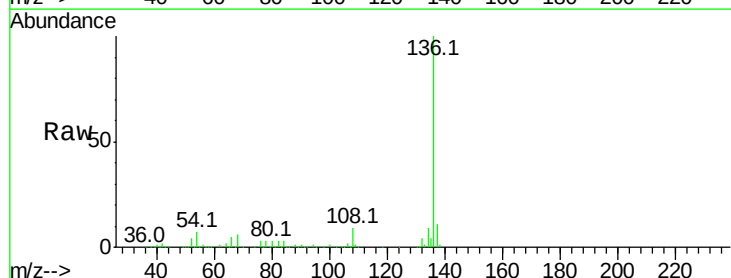
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.2	4.9	7.3
68	5.6	4.1	6.1

136 100

137 11.2 8.5 12.7

54 7.2 4.9 7.3

68 5.6 4.1 6.1

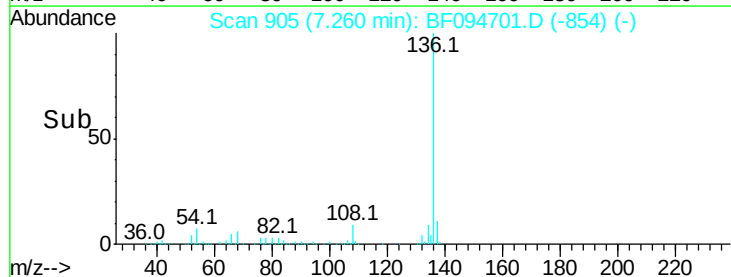
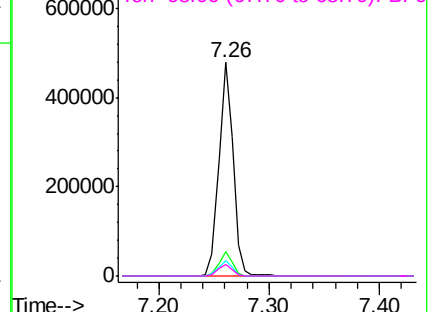


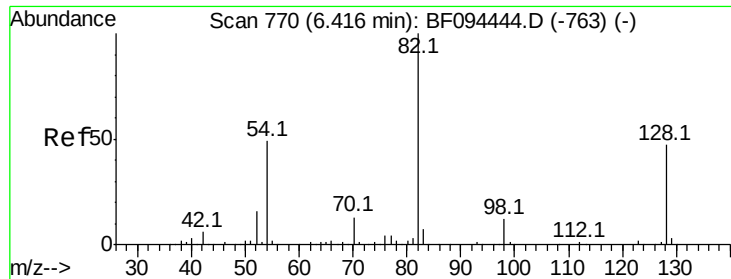
Abundance Ion 136.00 (135.70 to 136.70): E

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

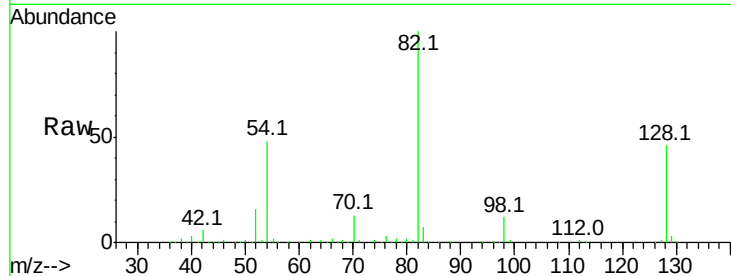




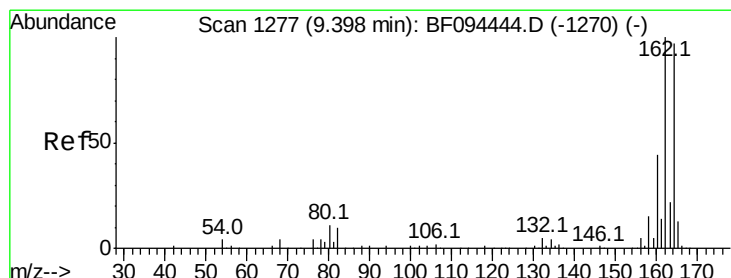
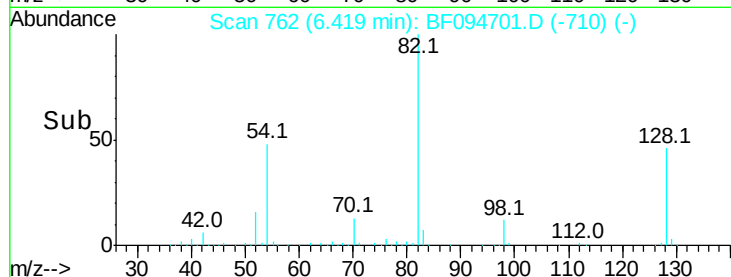
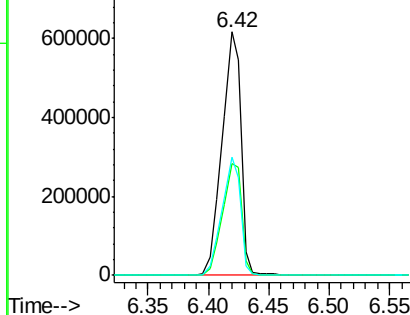
#23
 Nitrobenzene-d5
 Concen: 96.92 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094701.D
 Acq: 28 Apr 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP(4.0-6.0)

Tot Ion	82	Resp	668131
Ion Ratio	Lower	Upper	
82	100		
128	46.0	34.0	51.0
54	48.3	42.2	63.2

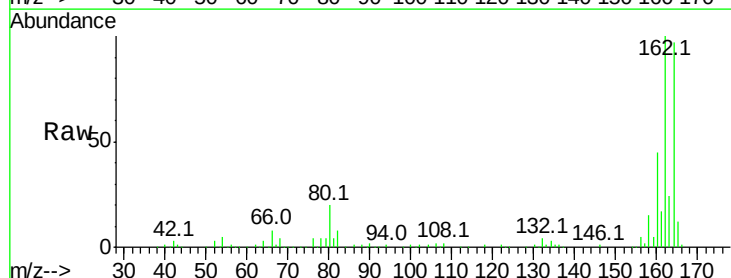


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

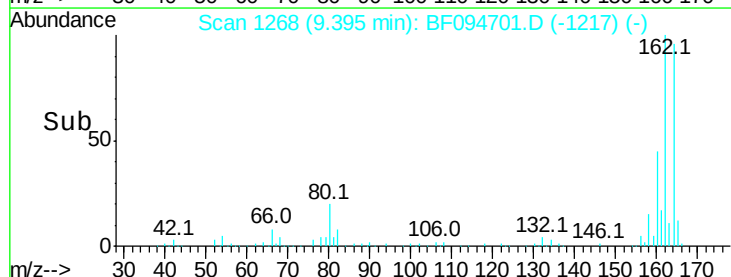
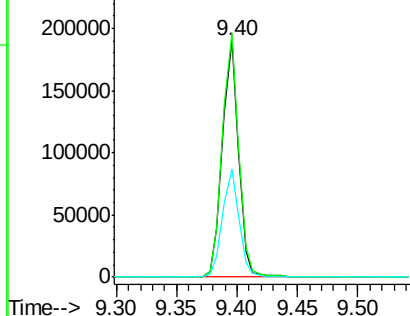


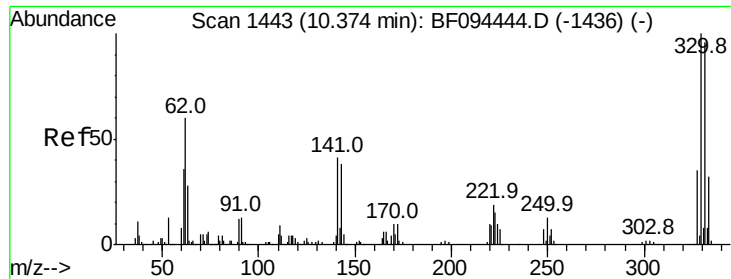
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094701.D
 Acq: 28 Apr 2017 23:14

Tgt Ion	164	Resp	177249
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.6	123.8
160	45.7	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

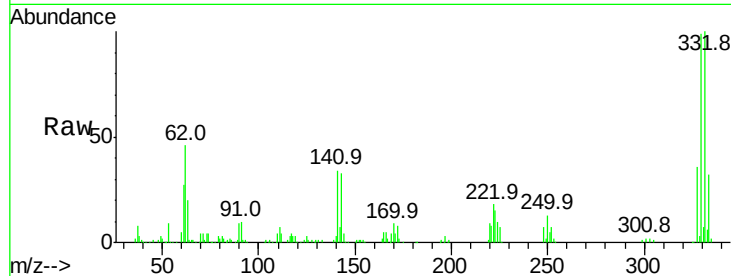




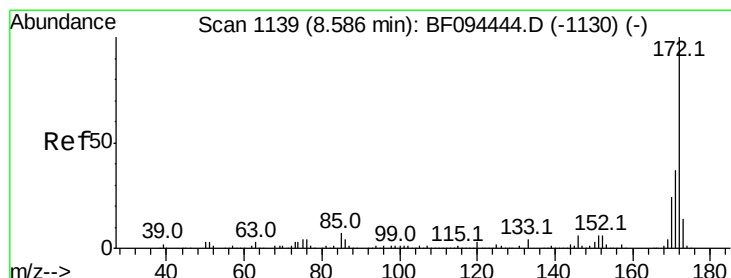
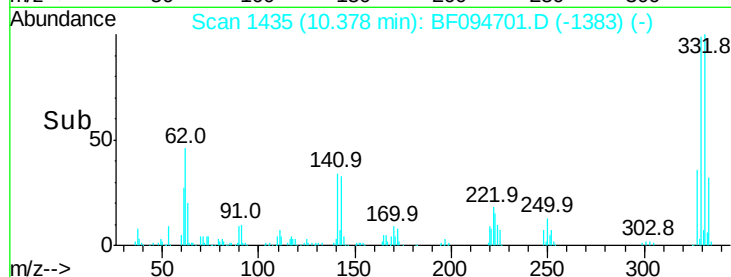
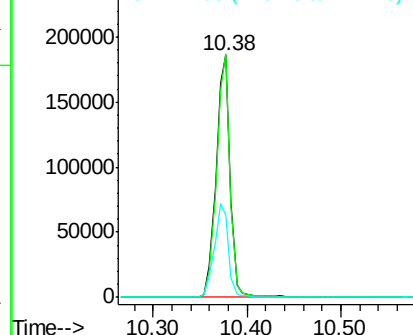
#41
 2,4,6-Tribromophenol
 Concen: 142.75 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094701.D
 Acq: 28 Apr 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP(4.0-6.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.2	31.4	47.2

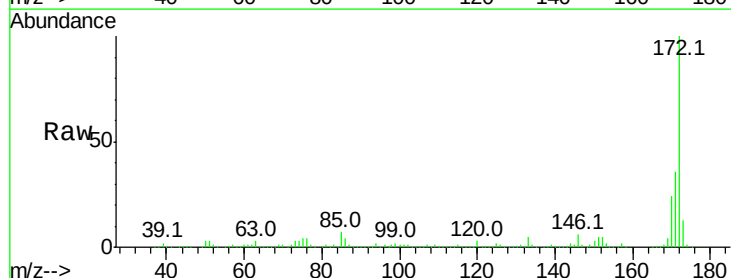


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

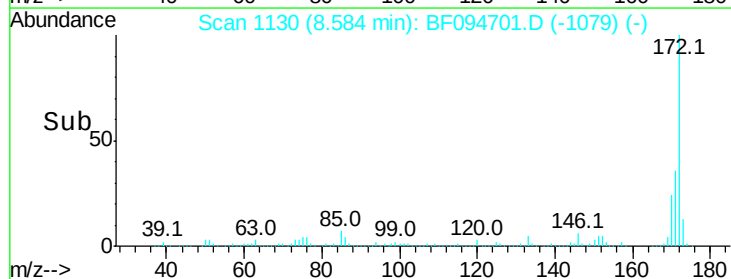
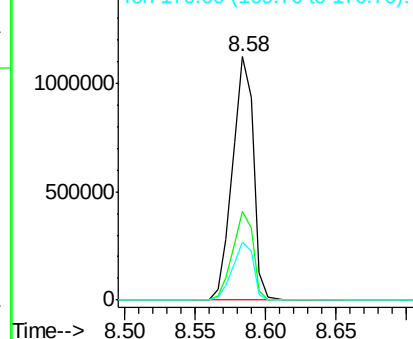


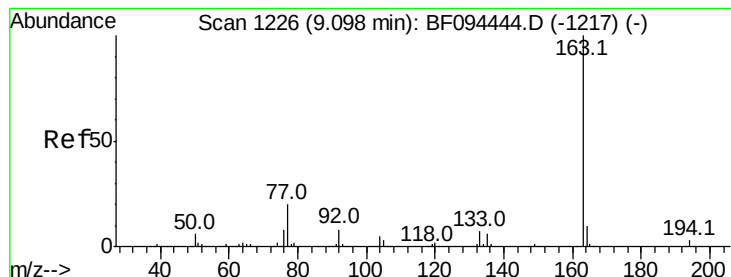
#44
 2-Fluorobiphenyl
 Concen: 96.31 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094701.D
 Acq: 28 Apr 2017 23:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.8	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: 8.09 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(4.0-6.0)

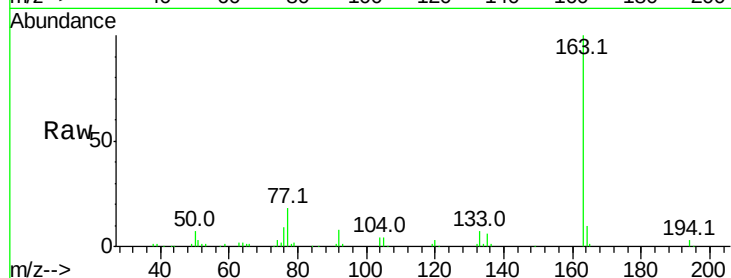
Tot Ion:163 Resp: 106835

Ion Ratio Lower Upper

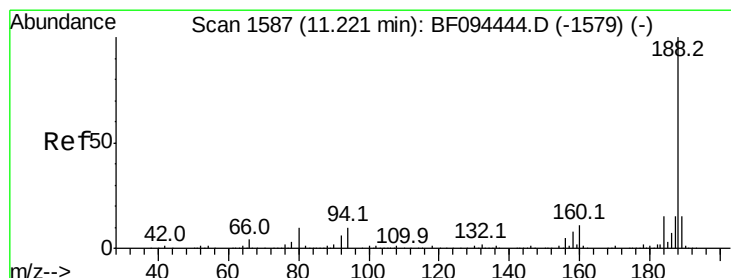
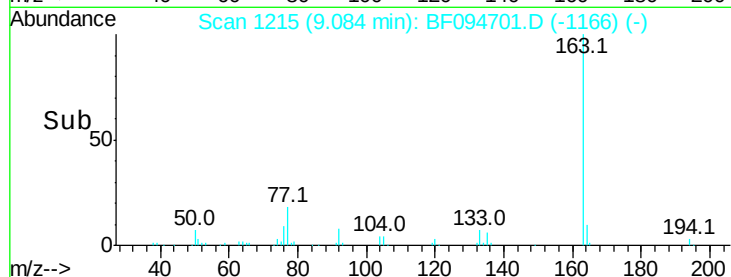
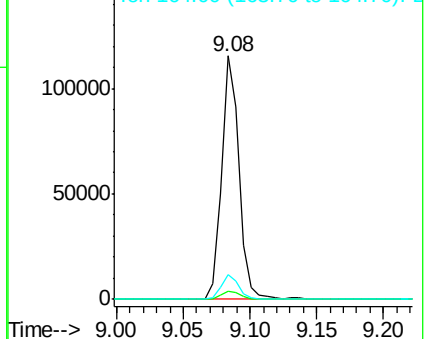
163 100

194 3.4 2.6 4.0

164 10.3 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: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

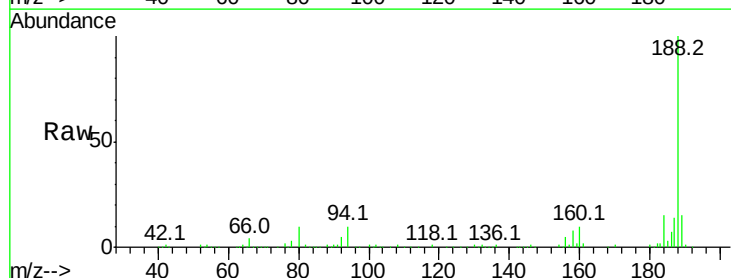
Tgt Ion:188 Resp: 274372

Ion Ratio Lower Upper

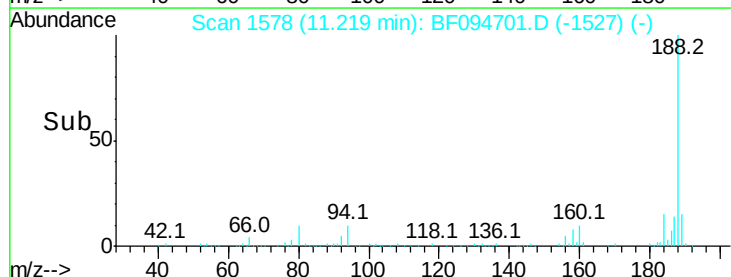
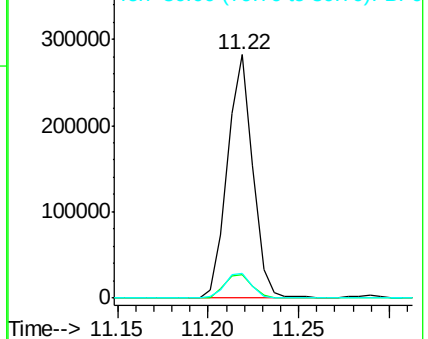
188 100

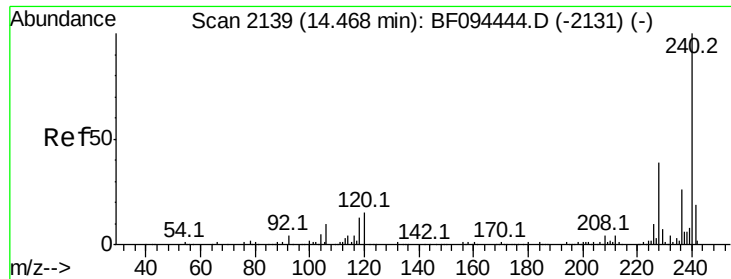
94 9.9 9.4 14.2

80 10.3 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

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(4.0-6.0)

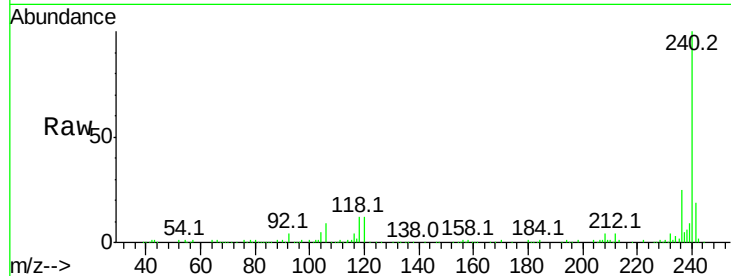
Tot Ion:240 Resp: 226845

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

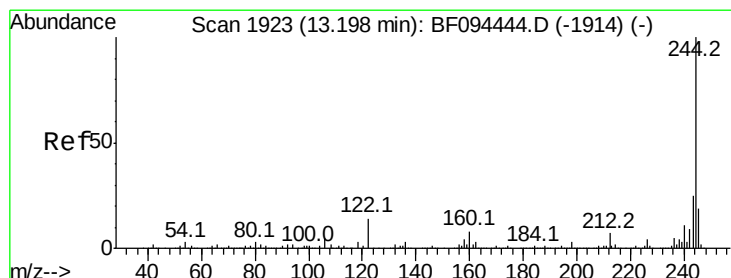
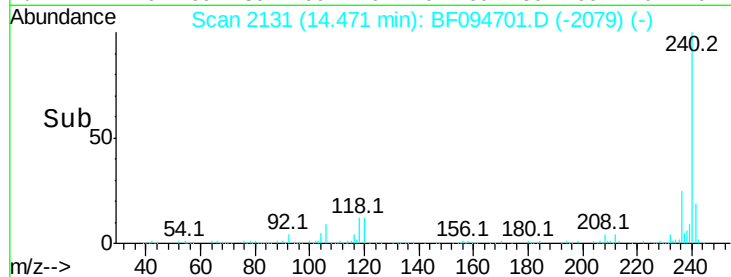
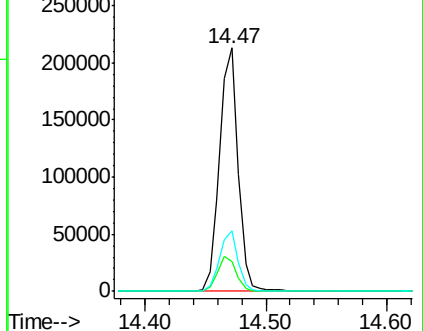
236 24.7 20.5 30.7



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: 97.64 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

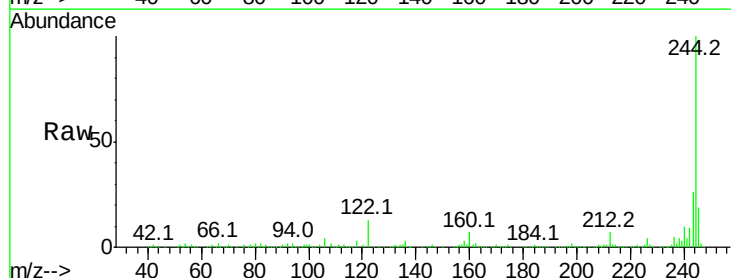
Tgt Ion:244 Resp: 828607

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

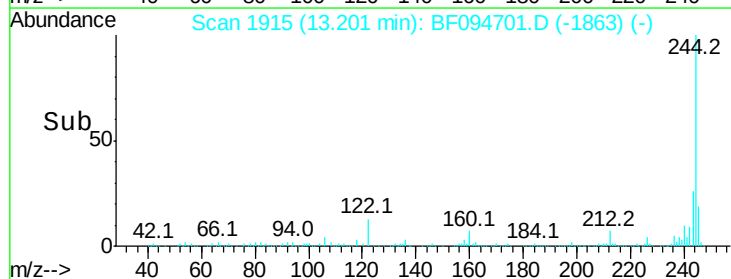
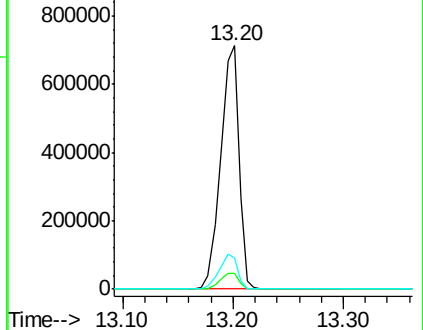
122 13.0 10.3 15.5

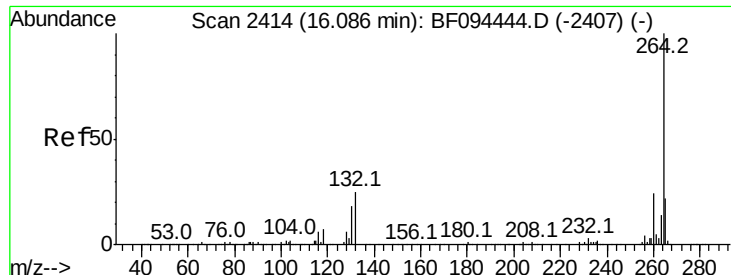


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



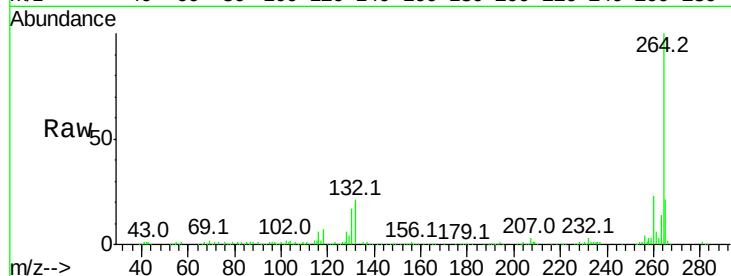


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094701.D
Acq: 28 Apr 2017 23:14

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP(4.0-6.0)

Tot Ion: 264 Resp: 174302

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.2	17.2	25.8



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

