

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098793.D
 Acq On : 25 Sep 2017 20:07
 Operator : SJ/JU
 Sample : I5395-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-(0-5)

Quant Time: Sep 26 07:08:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

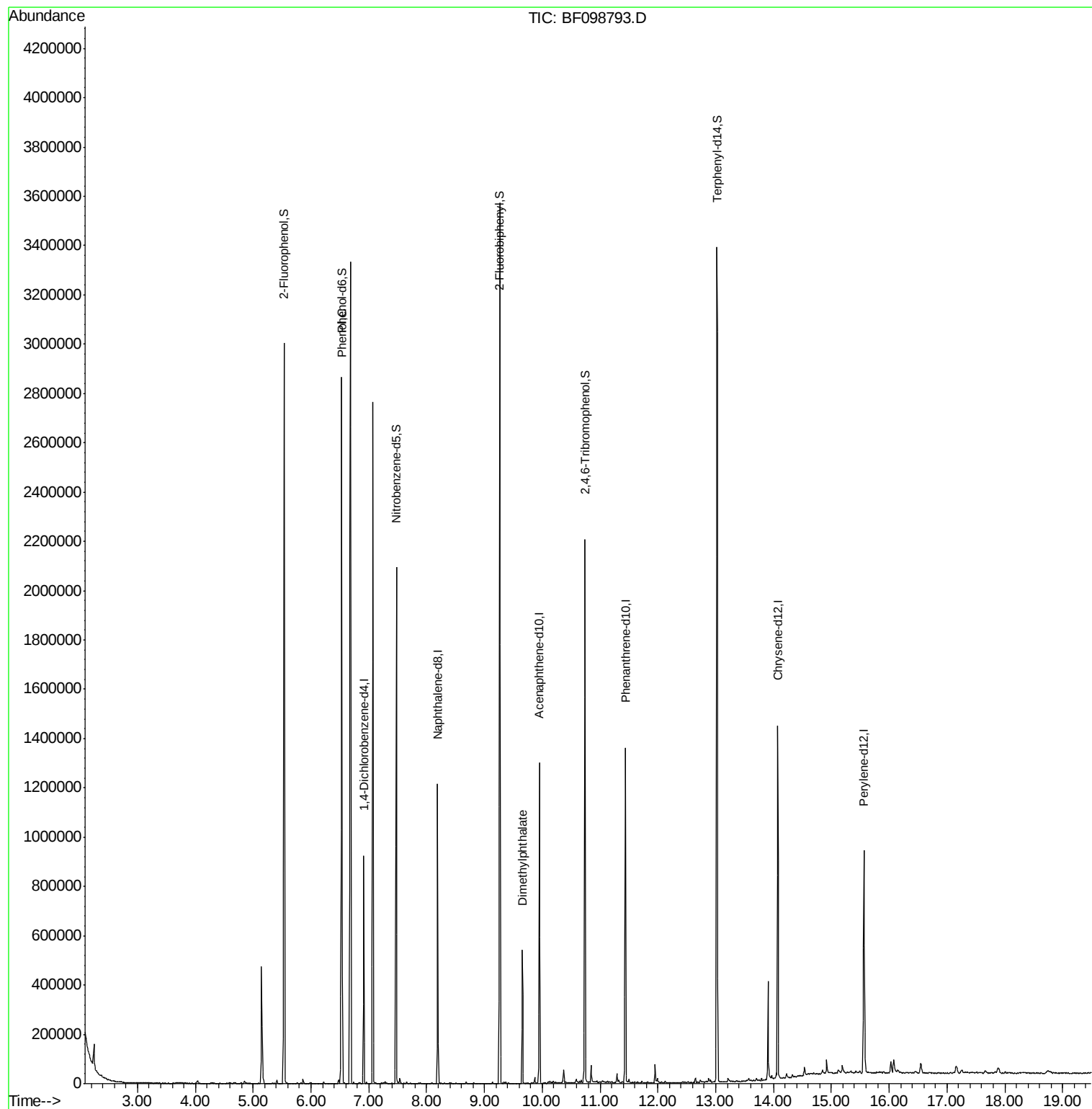
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	132086	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	537335	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	245273	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	456183	20.00	ng	0.00
75) Chrysene-d12	14.07	240	423191	20.00	ng	-0.01
86) Perylene-d12	15.57	264	380563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	967060	116.55	ng	0.00
7) Phenol-d6	6.53	99	1187015	115.97	ng	-0.01
23) Nitrobenzene-d5	7.47	82	693162	82.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	248921	124.03	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1150116	78.28	ng	-0.01
78) Terphenyl-d14	13.02	244	1163517	62.53	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	40589	3.546	ng	98
49) Dimethylphthalate	9.66	163	197883	10.690	ng	100

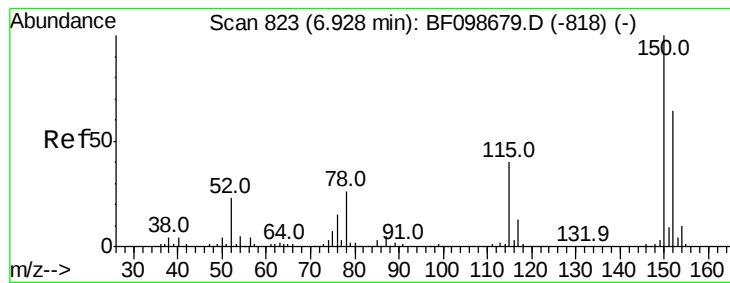
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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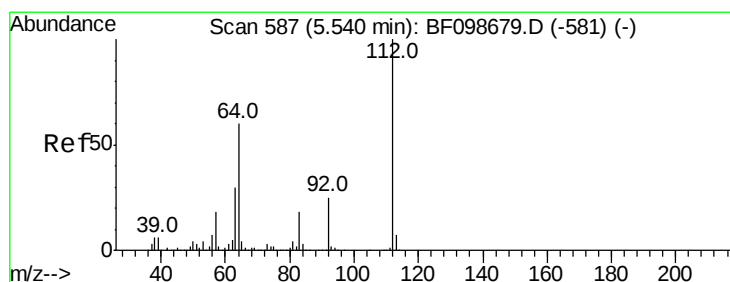
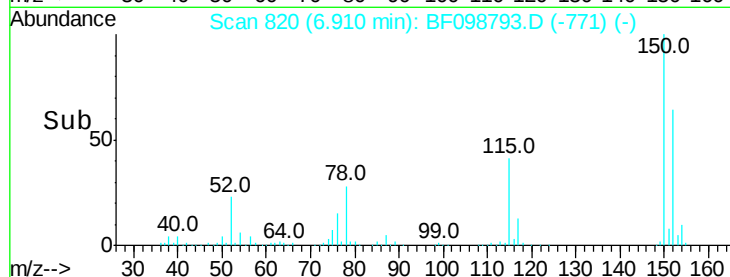
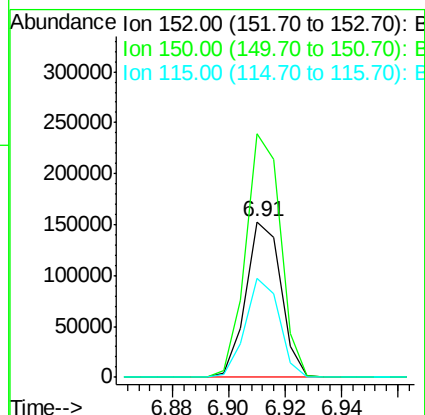
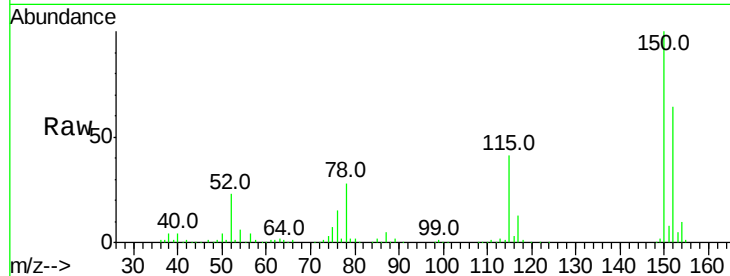


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098793.D
Acq: 25 Sep 2017 20:07

Instrument :
BNA_F
ClientSampleId :
TP-6-(0-5)

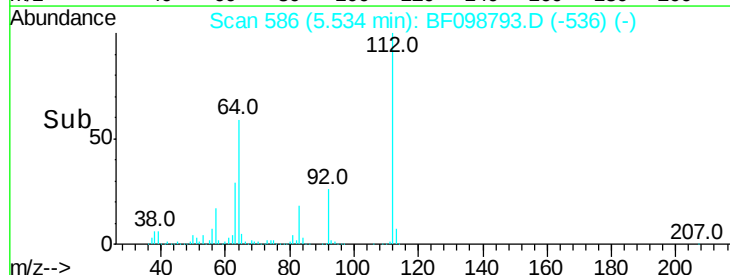
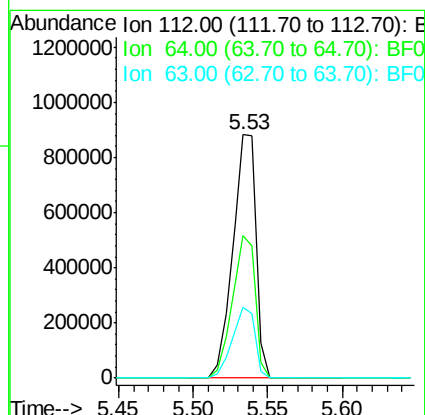
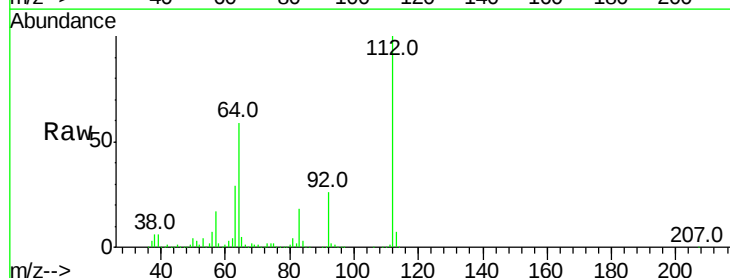
Tot Ion:152 Resp: 132086
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 63.6 50.1 75.1



#5

2-Fluorophenol
Concen: 116.550 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098793.D
Acq: 25 Sep 2017 20:07

Tgt Ion:112 Resp: 967060
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 115.968 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

Instrument :

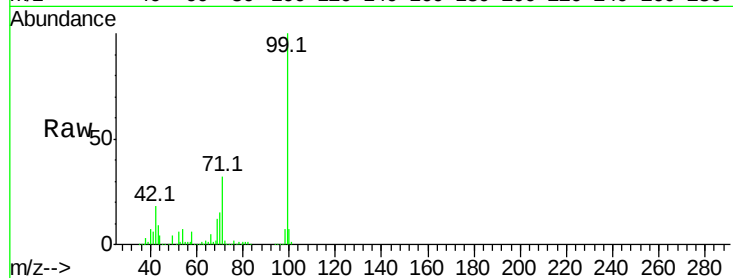
BNA_F

ClientSampleId :

TP-6-(0-5)

Tot Ion: 99 Resp: 1187015

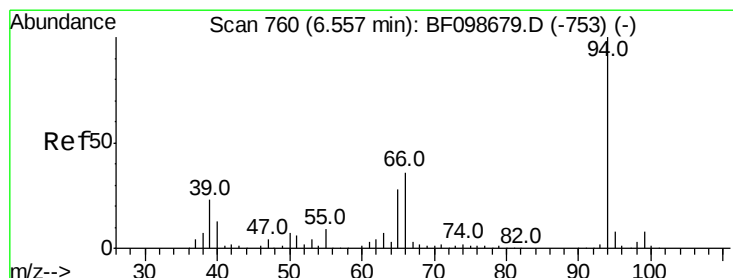
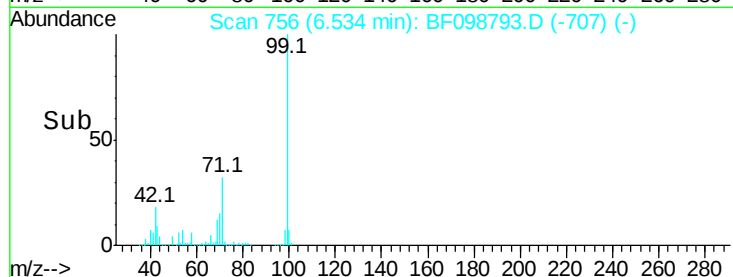
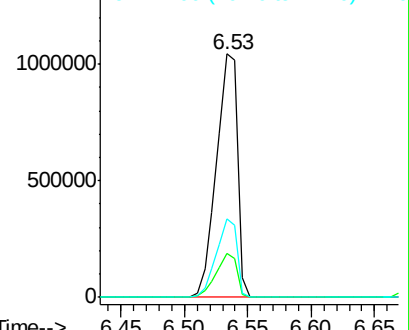
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	32.4	25.4	38.0



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



#10

Phenol

Concen: 3.546 ng

RT: 6.55 min Scan# 758

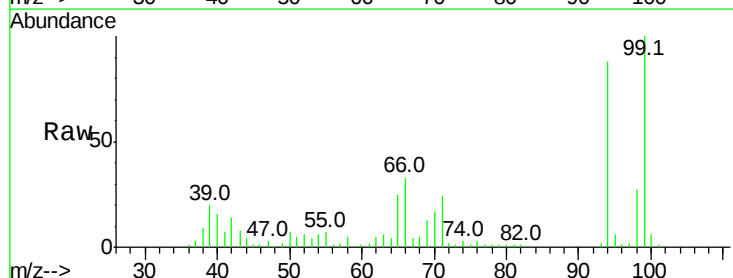
Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

Tgt Ion: 94 Resp: 40589

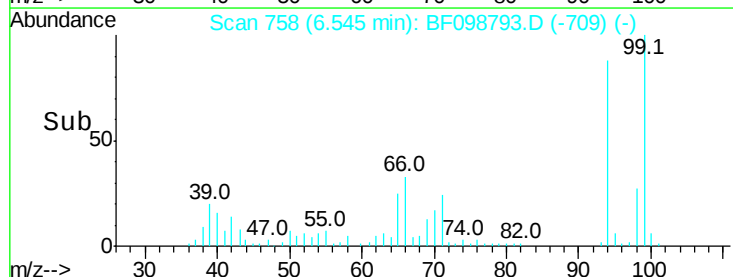
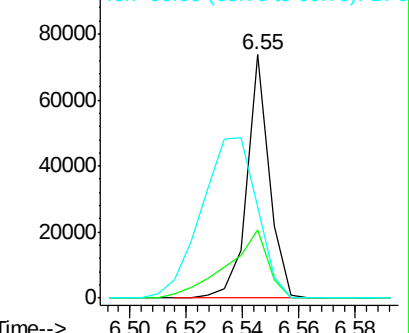
Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	37.6	16.2	56.2

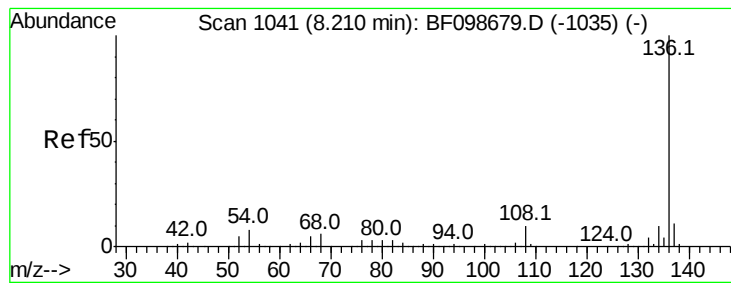


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

Instrument :

BNA_F

ClientSampleId :

TP-6-(0-5)

Tot Ion:136 Resp: 537335

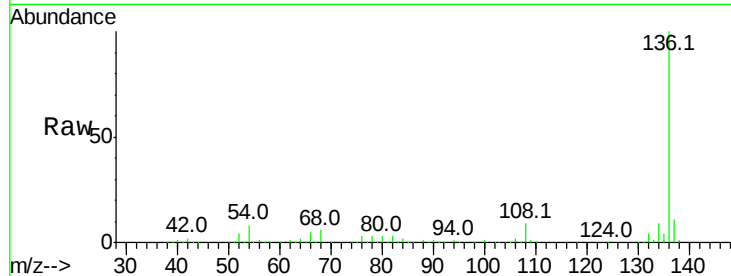
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 6.6 9.8

68 6.5 5.0 7.4

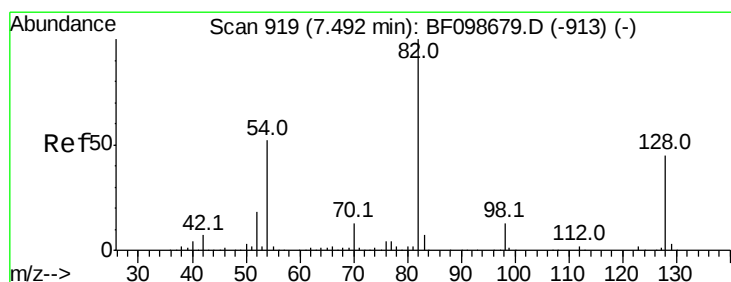
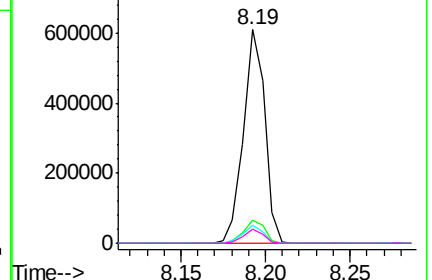
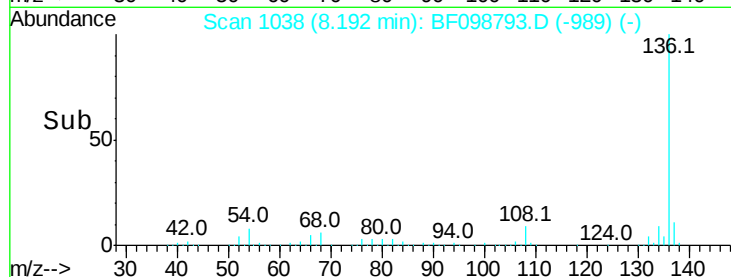


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.728 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

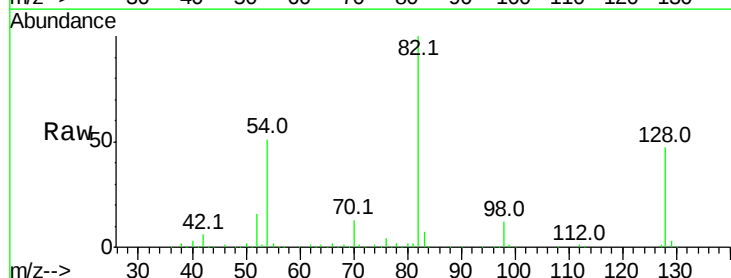
Tgt Ion: 82 Resp: 693162

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

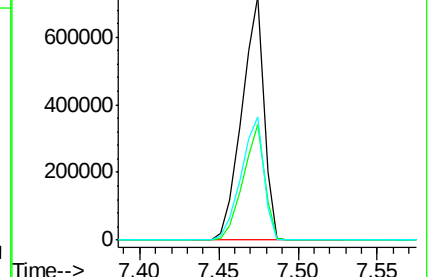
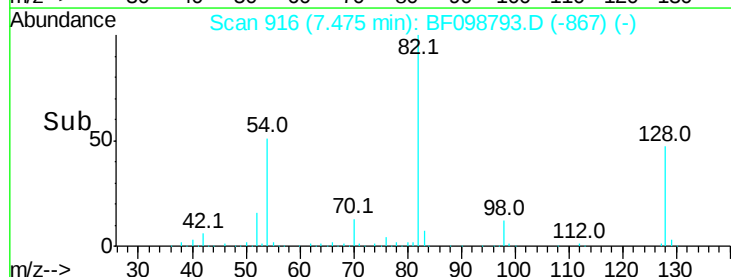
54 50.7 41.4 62.2

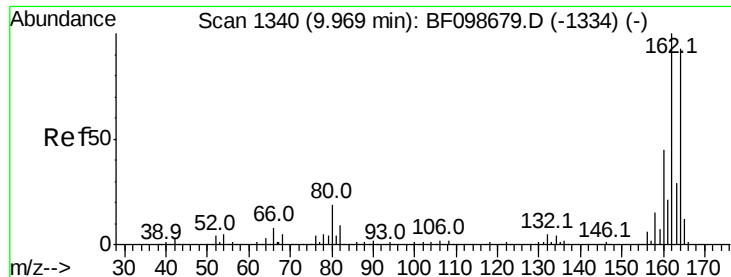


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

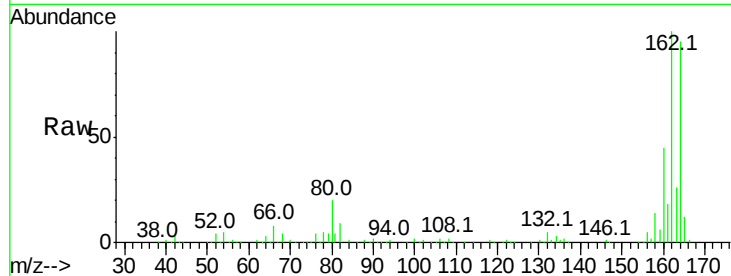




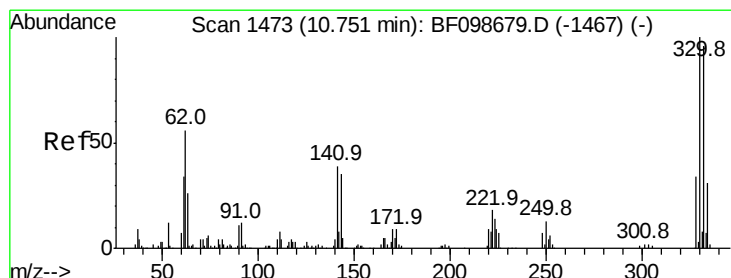
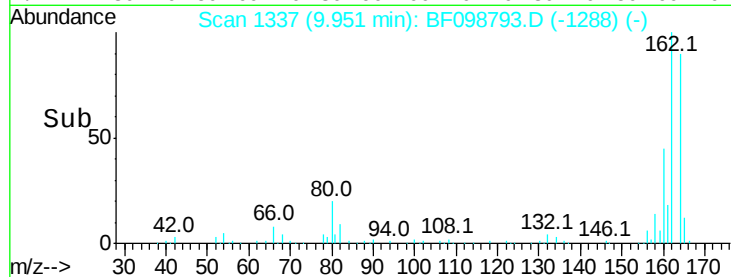
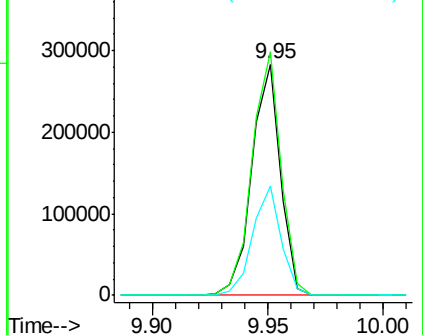
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	47.0	38.3	57.5

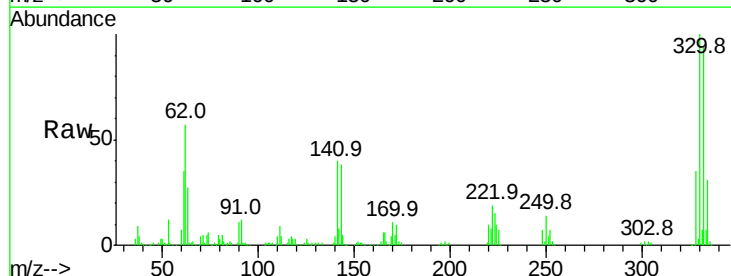


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

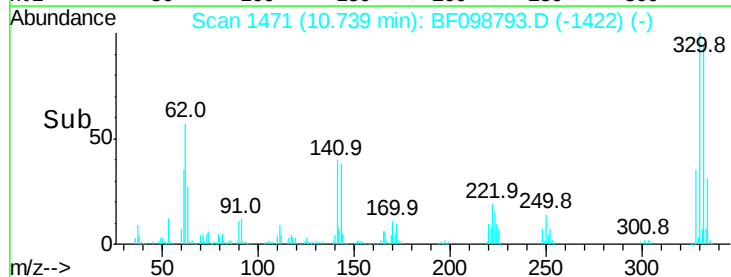
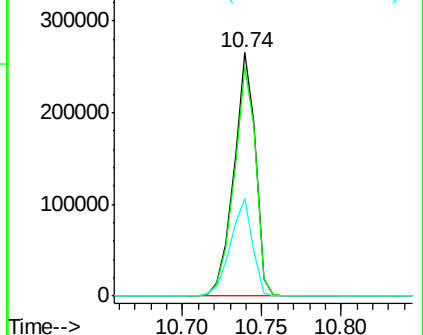


#41
 2,4,6-Tribromophenol
 Concen: 124.027 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	41.4	29.9	44.9



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



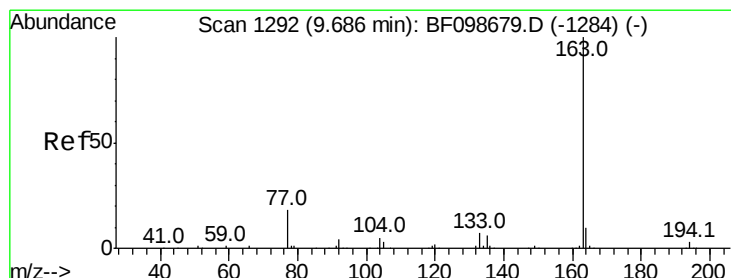
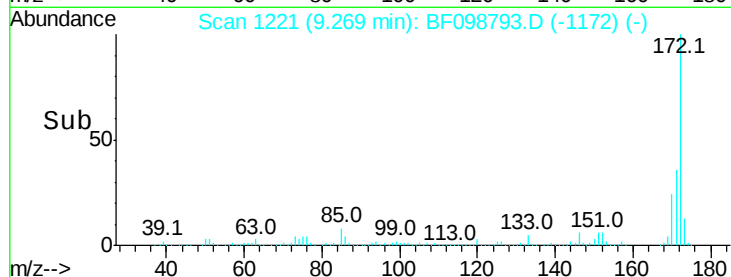
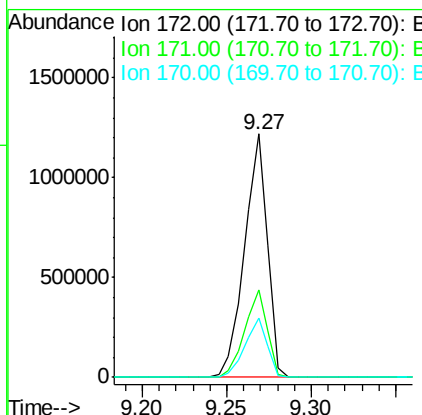
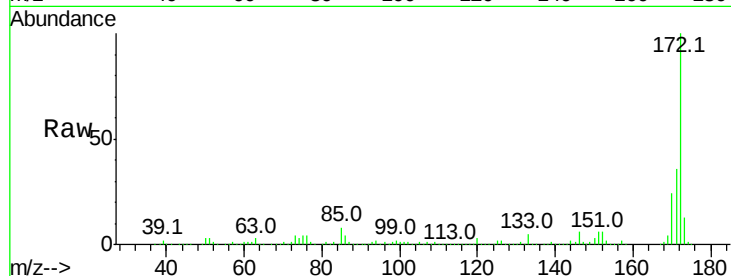


#44
2-Fluorobiphenyl
Concen: 78.281 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098793.D
Acq: 25 Sep 2017 20:07

Instrument :
BNA_F
ClientSampleId :
TP-6-(0-5)

Tot Ion:172 Resp: 1150116

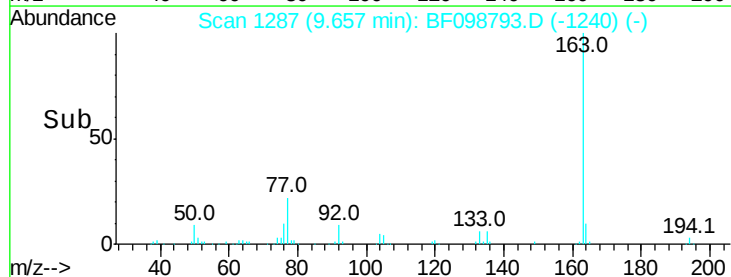
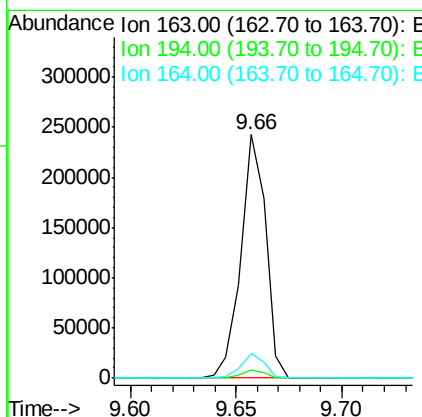
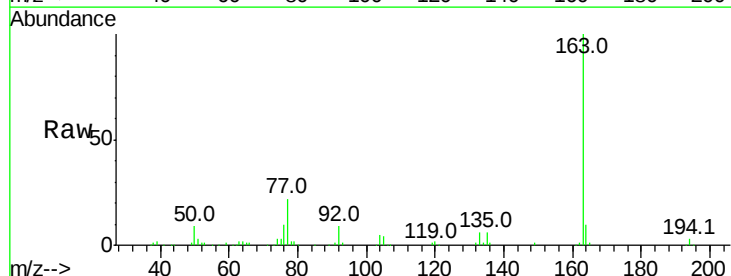
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4

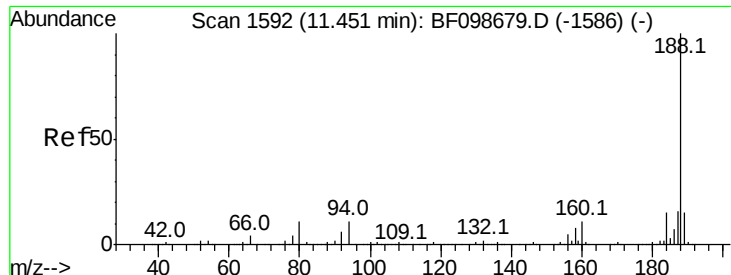


#49
Dimethylphthalate
Concen: 10.690 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098793.D
Acq: 25 Sep 2017 20:07

Tgt Ion:163 Resp: 197883

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.0	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

Instrument :

BNA_F

ClientSampleId :

TP-6-(0-5)

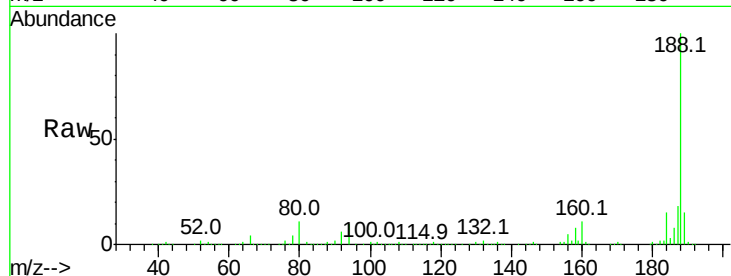
Tot Ion:188 Resp: 456183

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

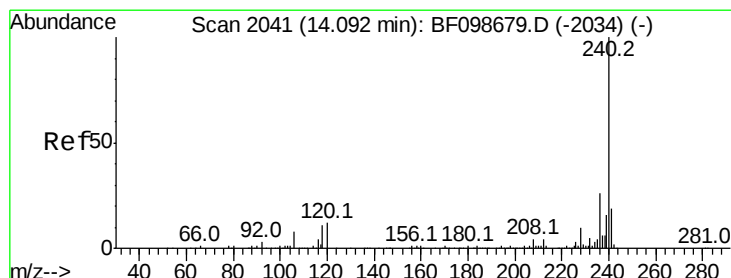
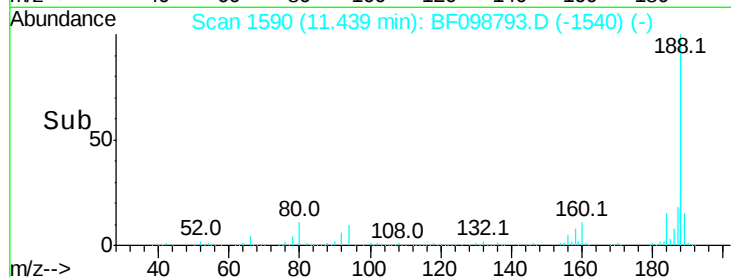
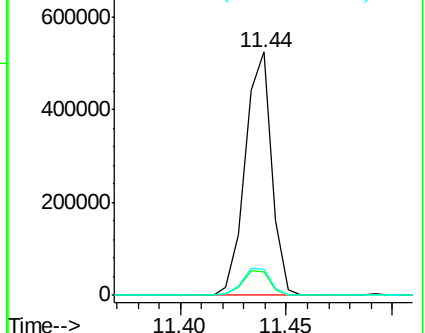
80 10.6 9.2 13.8



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: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

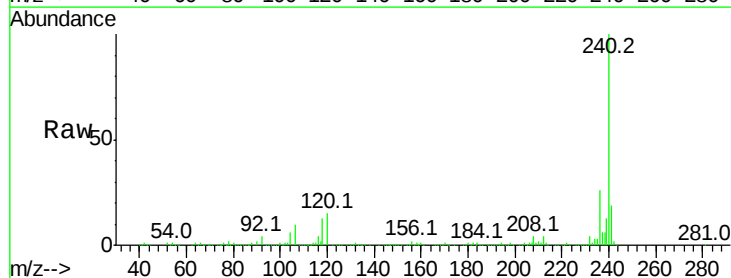
Tgt Ion:240 Resp: 423191

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

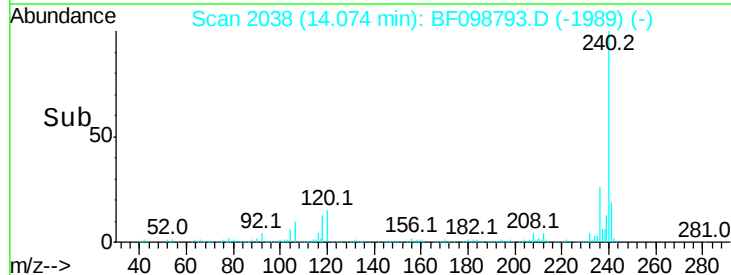
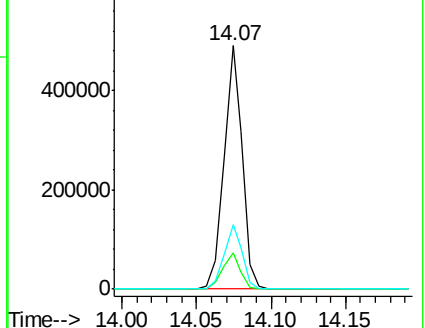
236 26.3 20.7 31.1

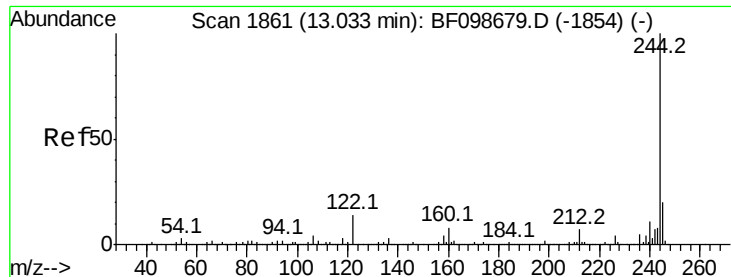


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.527 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

Instrument :

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ClientSampleId :

TP-6-(0-5)

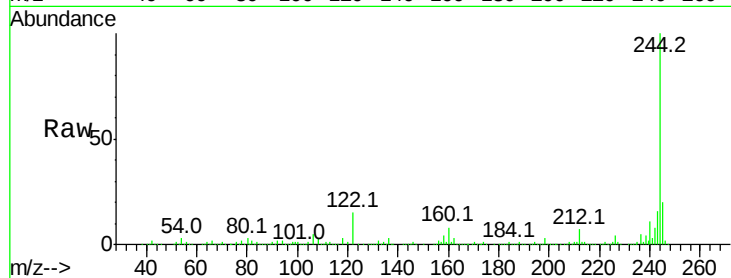
Tot Ion:244 Resp: 1163517

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

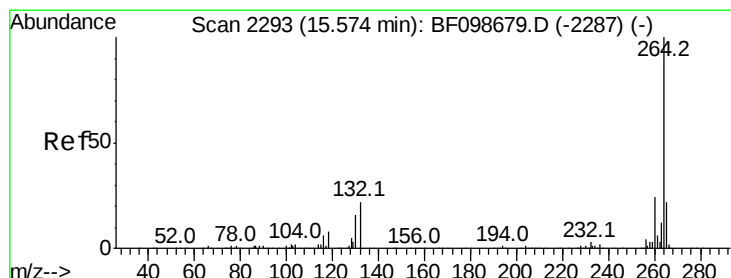
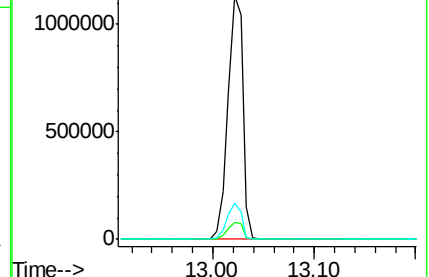
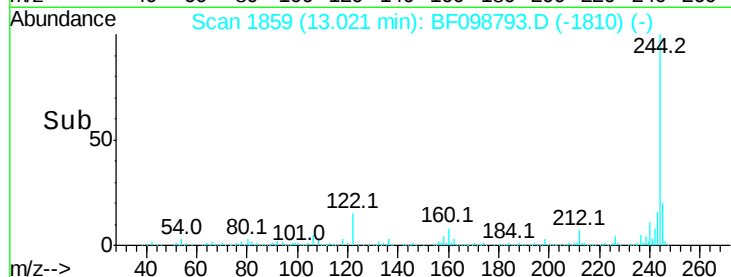
122 14.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

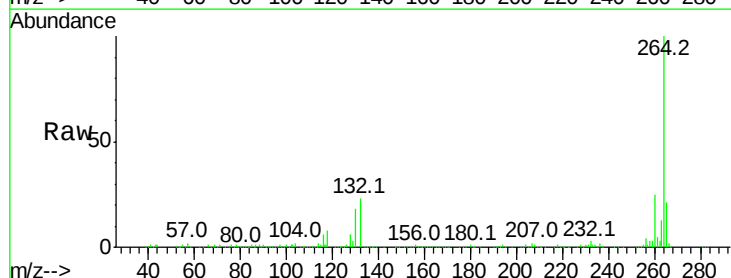
Tgt Ion:264 Resp: 380563

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.0 17.5 26.3



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

