

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098710.D
 Acq On : 22 Sep 2017 21:45
 Operator : SJ/JU
 Sample : I5331-07 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-092017-C

Quant Time: Sep 23 02:31:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

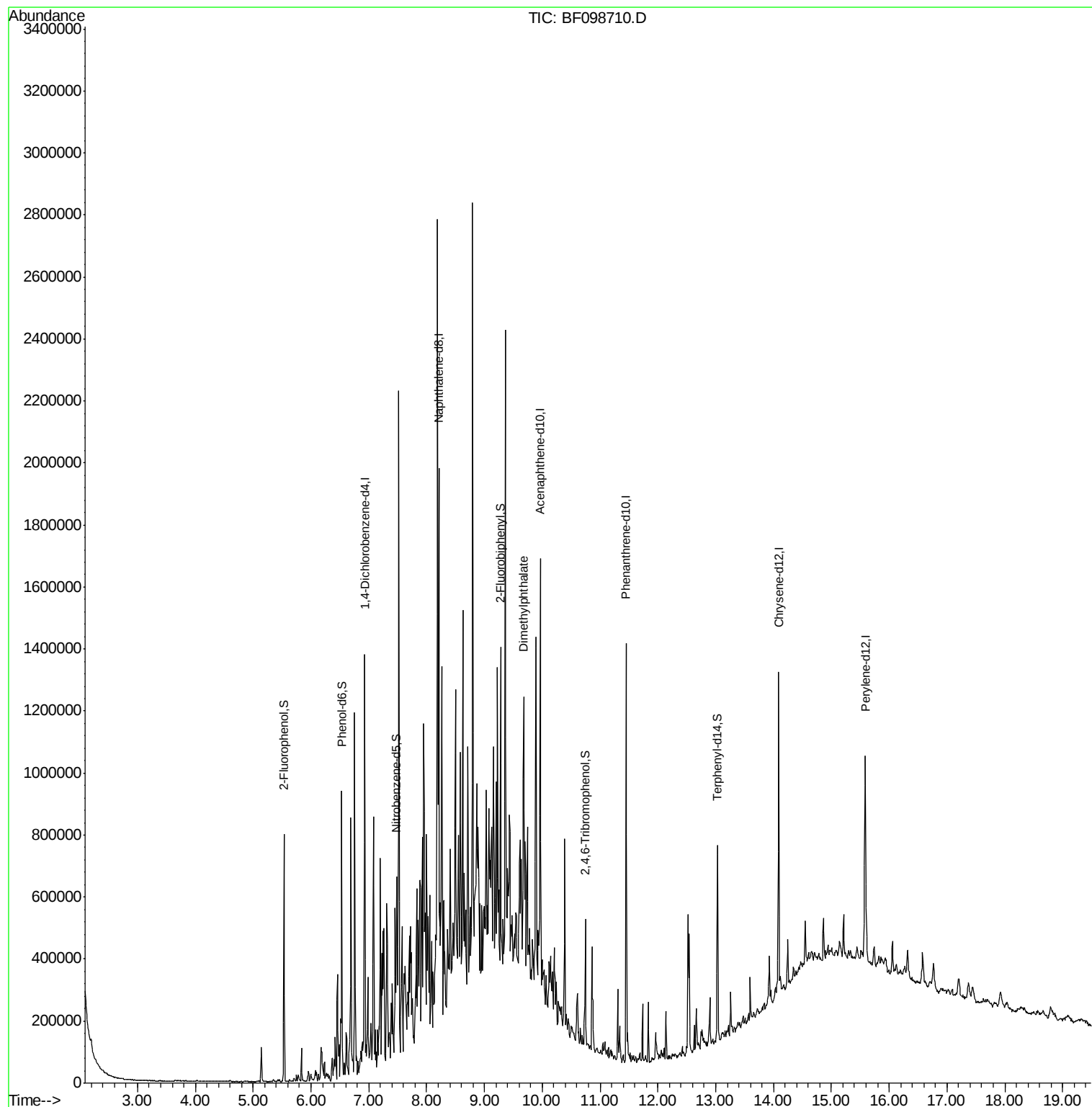
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	159203	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	649922	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	280636	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	409442	20.00	ng	0.00
75) Chrysene-d12	14.09	240	349884	20.00	ng	0.00
86) Perylene-d12	15.59	264	303994	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	197700	18.86	ng	0.00
7) Phenol-d6	6.53	99	237458	18.70	ng	-0.01
23) Nitrobenzene-d5	7.48	82	137263	14.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	40947	15.95	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	266905	15.13	ng	0.00
78) Terphenyl-d14	13.03	244	191463	11.75	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.67	163	43446	2.064	ng	# 94

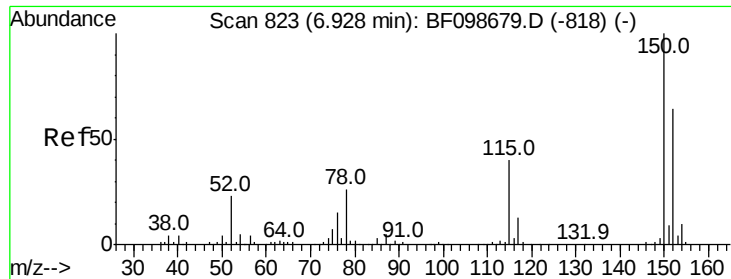
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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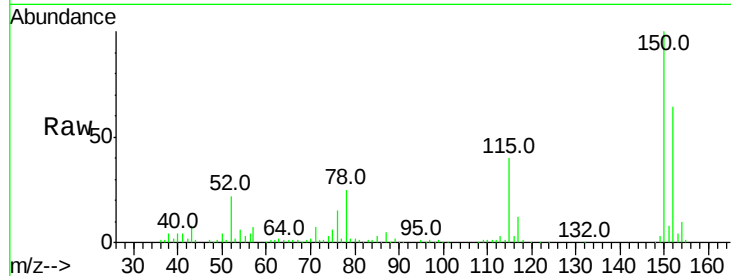


#1

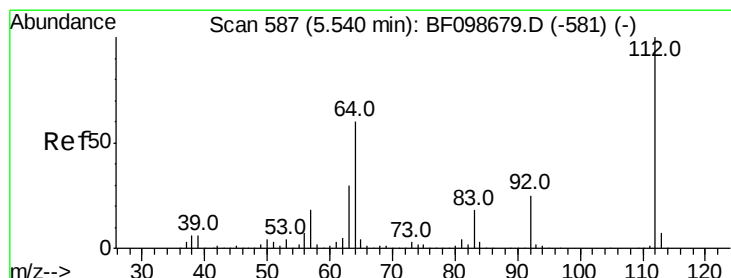
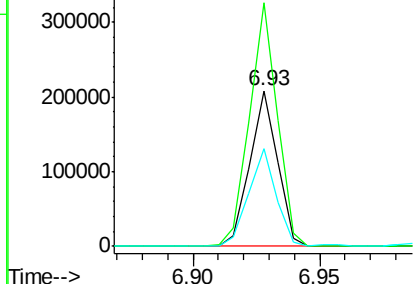
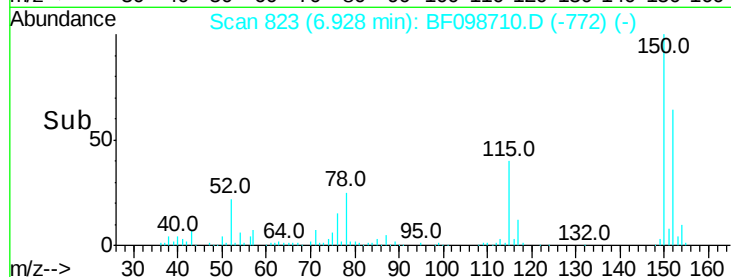
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098710.D
Acq: 22 Sep 2017 21:45

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-C

Tot Ion:152 Resp: 159203
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 63.0 50.1 75.1



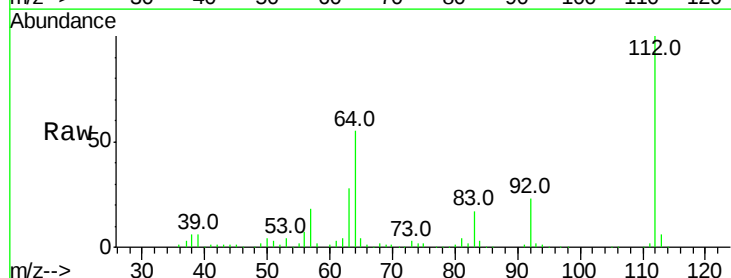
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



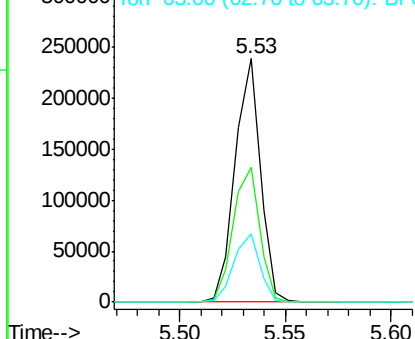
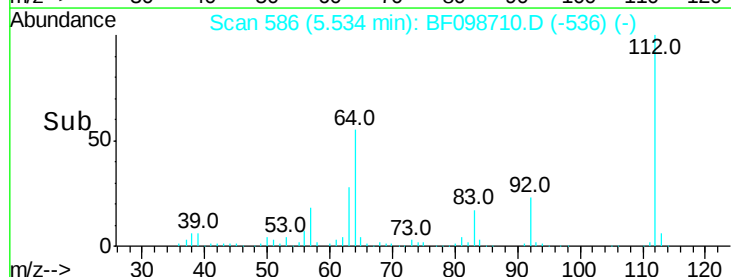
#5

2-Fluorophenol
Concen: 18.857 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098710.D
Acq: 22 Sep 2017 21:45

Tgt Ion:112 Resp: 197700
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 28.3 23.7 35.5



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: 18.704 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098710.D

Acq: 22 Sep 2017 21:45

Instrument :

BNA_F

ClientSampleId :

HR-05-092017-C

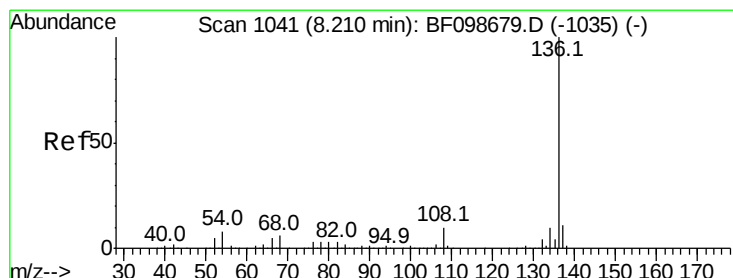
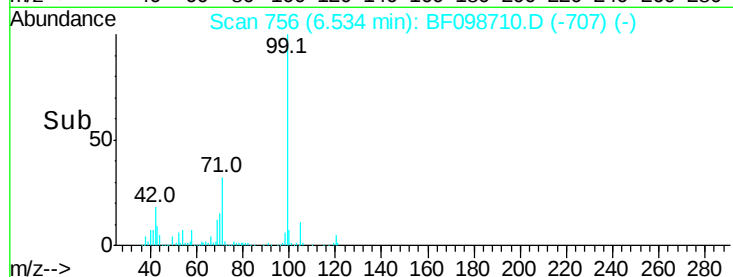
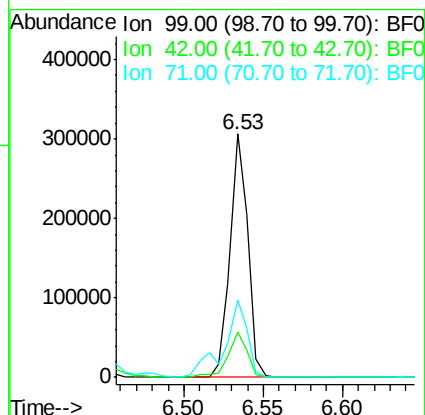
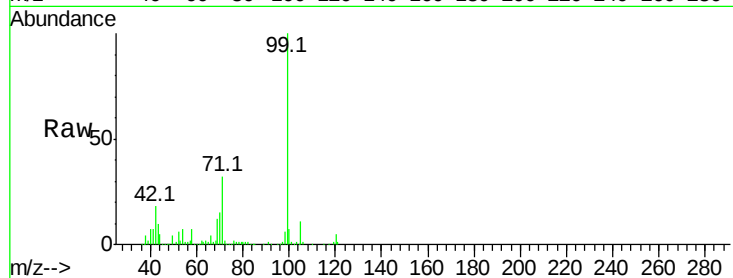
Tot Ion: 99 Resp: 237458

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 31.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF098710.D

Acq: 22 Sep 2017 21:45

Tgt Ion: 136 Resp: 649922

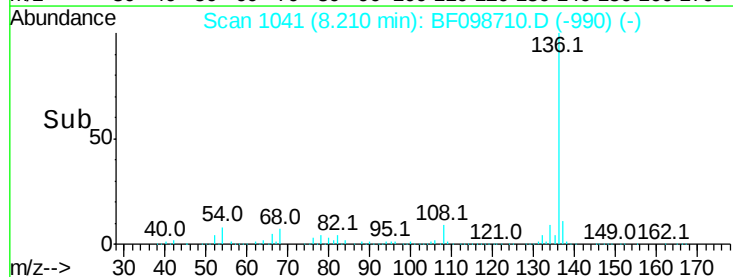
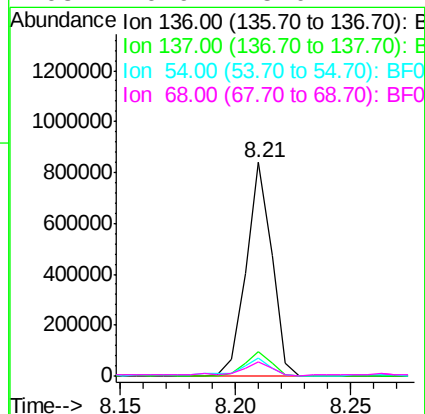
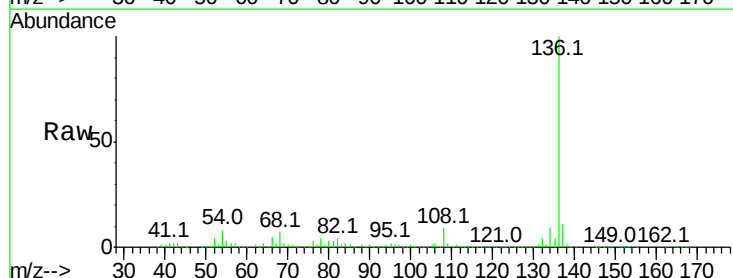
Ion Ratio Lower Upper

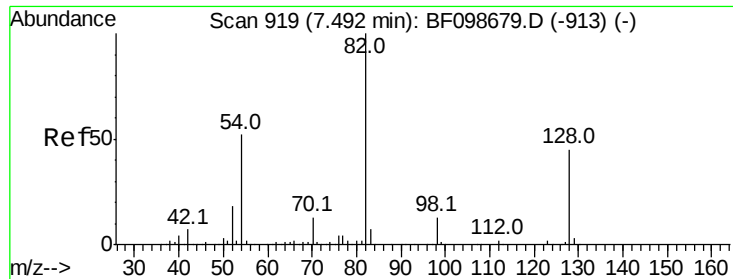
136 100

137 11.3 8.9 13.3

54 8.4 6.6 9.8

68 6.9 5.0 7.4

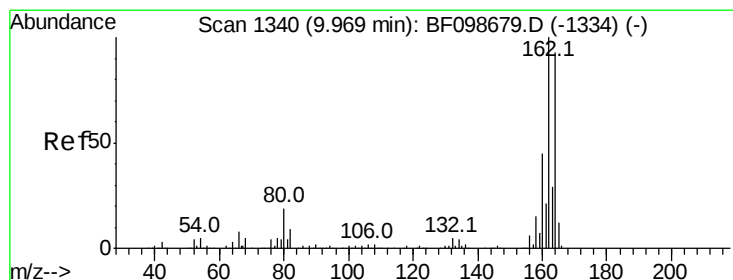
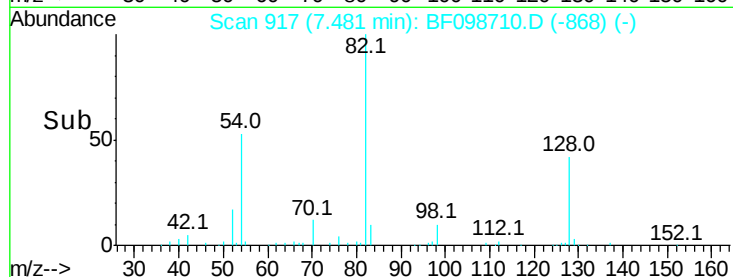
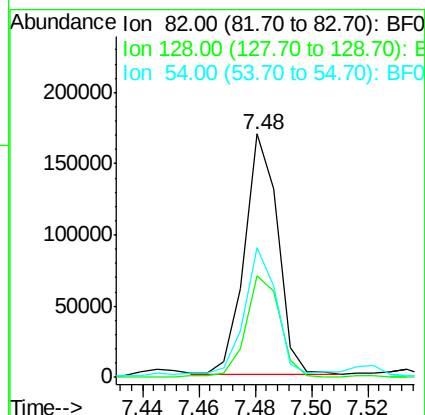
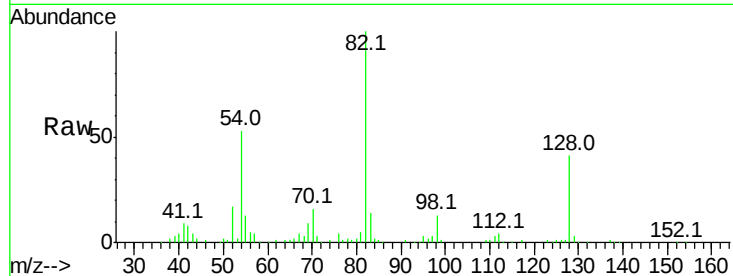




#23
 Nitrobenzene-d5
 Concen: 14.326 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098710.D
 Acq: 22 Sep 2017 21:45

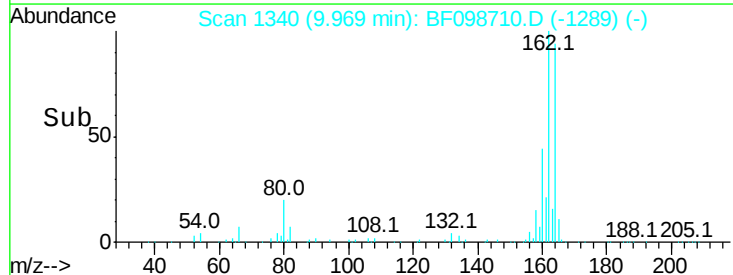
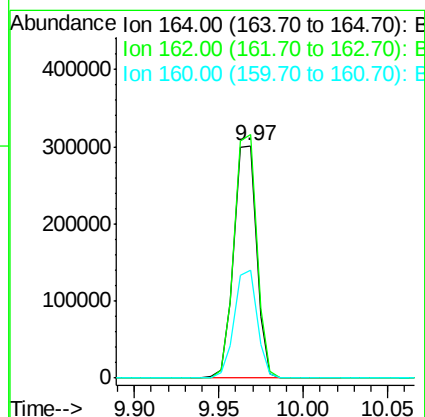
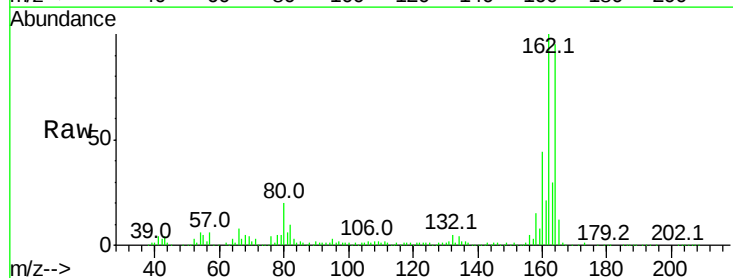
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-092017-C

Tot Ion: 82 Resp: 137263
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 53.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF098710.D
 Acq: 22 Sep 2017 21:45

Tgt Ion:164 Resp: 280636
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 46.4 38.3 57.5

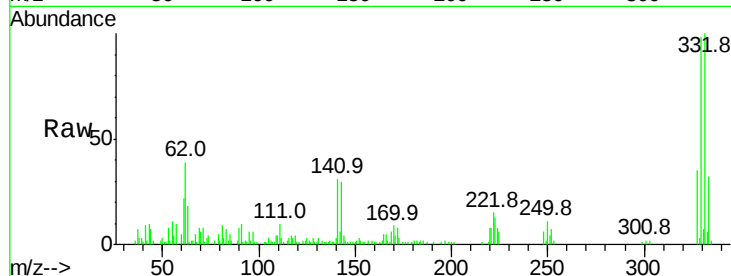




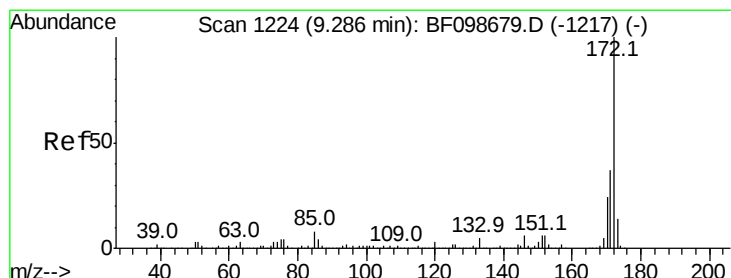
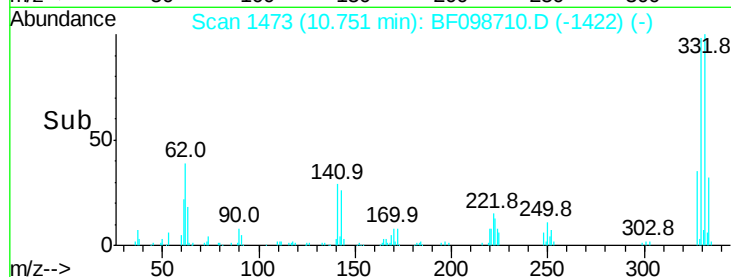
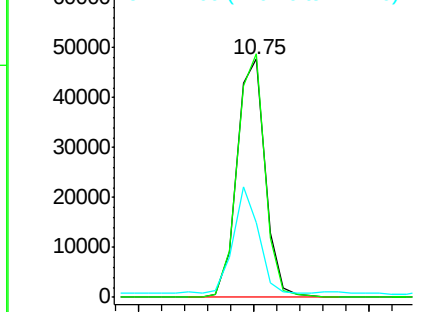
#41
 2,4,6-Tribromophenol
 Concen: 15.955 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF098710.D
 Acq: 22 Sep 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-092017-C

Tot Ion:330 Resp: 40947
 Ion Ratio Lower Upper
 330 100
 332 99.6 77.0 115.6
 141 40.8 29.9 44.9

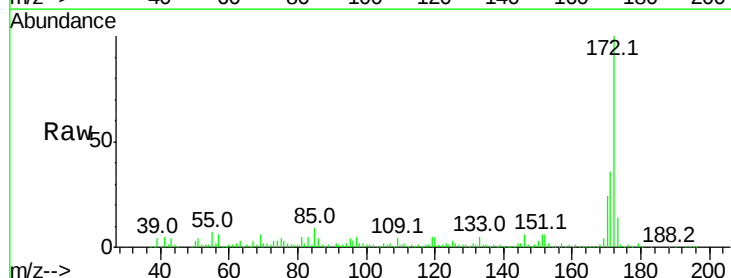


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

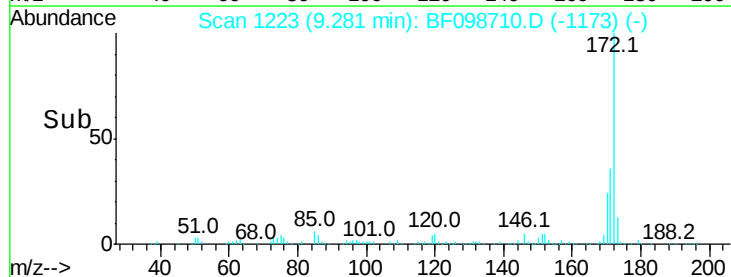
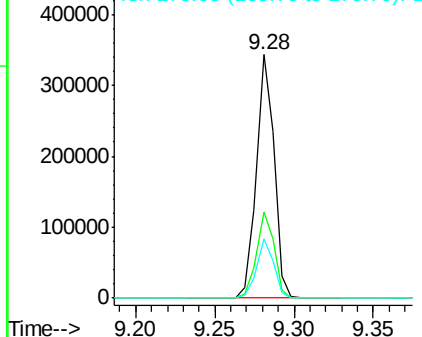


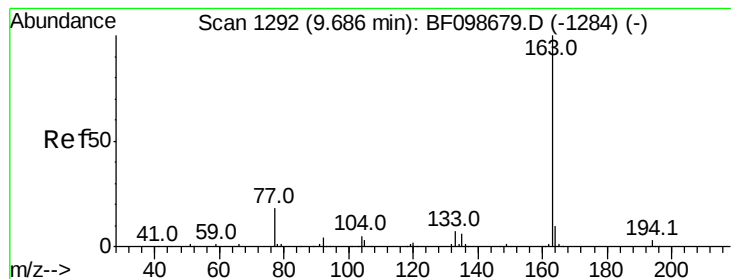
#44
 2-Fluorobiphenyl
 Concen: 15.134 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098710.D
 Acq: 22 Sep 2017 21:45

Tgt Ion:172 Resp: 266905
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.1 19.6 29.4



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: 2.064 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098710.D

Acq: 22 Sep 2017 21:45

Instrument :

BNA_F

ClientSampleId :

HR-05-092017-C

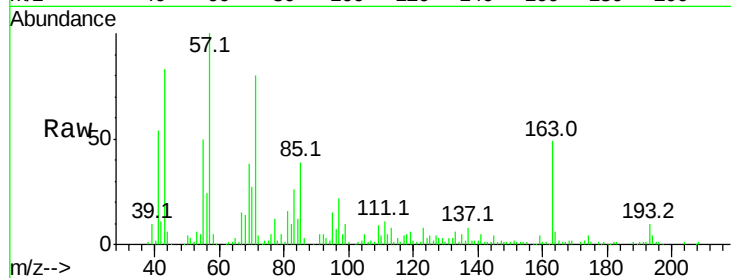
Tot Ion:163 Resp: 43446

Ion Ratio Lower Upper

163 100

194 8.1 2.7 4.1#

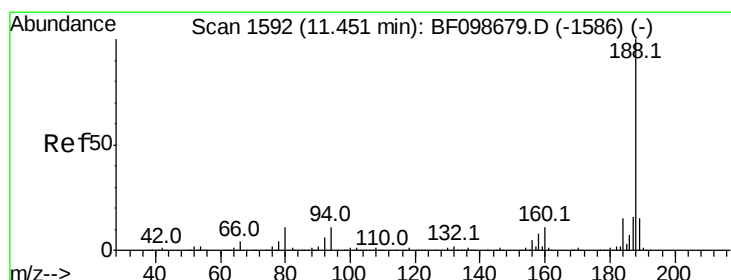
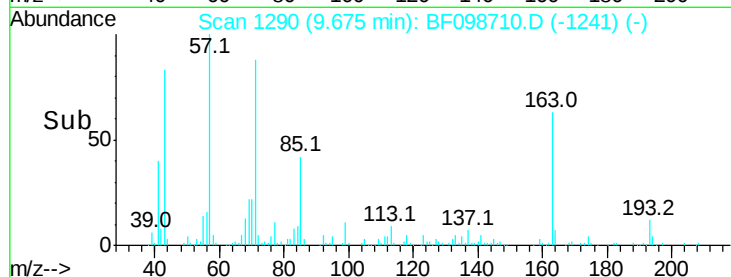
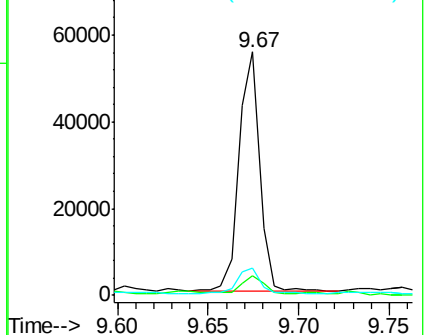
164 11.3 8.2 12.2



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: 20.000 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF098710.D

Acq: 22 Sep 2017 21:45

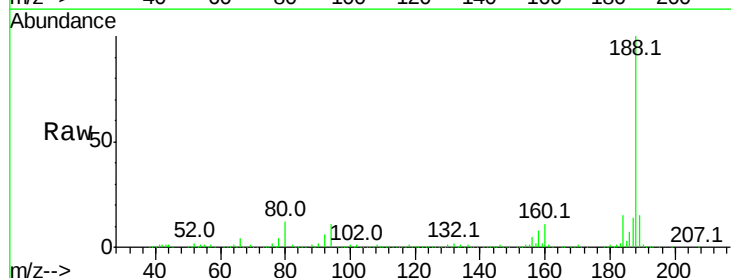
Tgt Ion:188 Resp: 409442

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

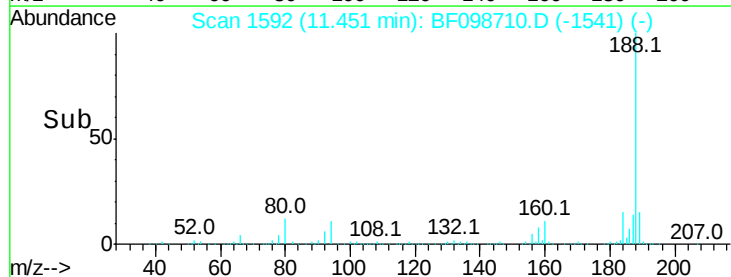
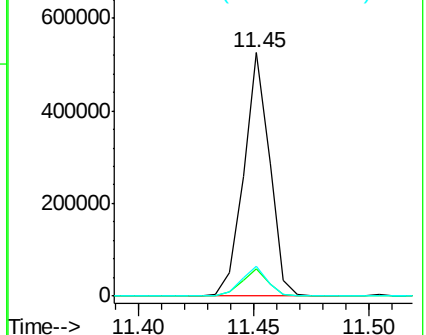
80 12.2 9.2 13.8

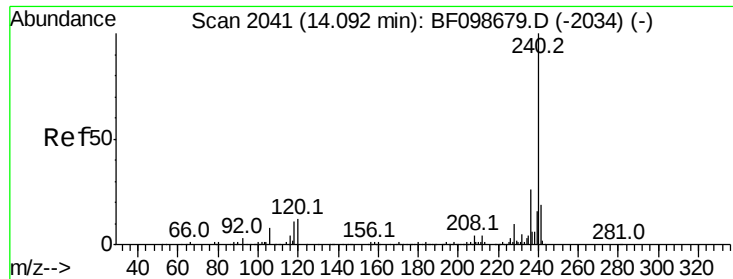


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF098710.D

Acq: 22 Sep 2017 21:45

Instrument :

BNA_F

ClientSampleId :

HR-05-092017-C

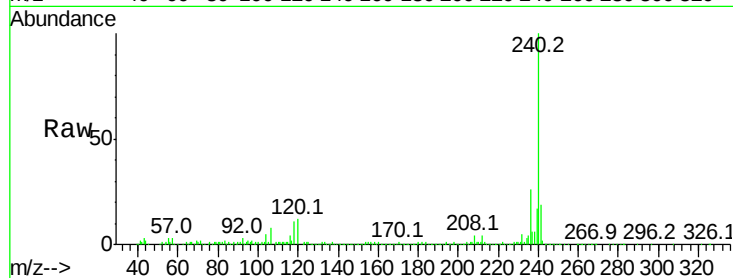
Tot Ion:240 Resp: 349884

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

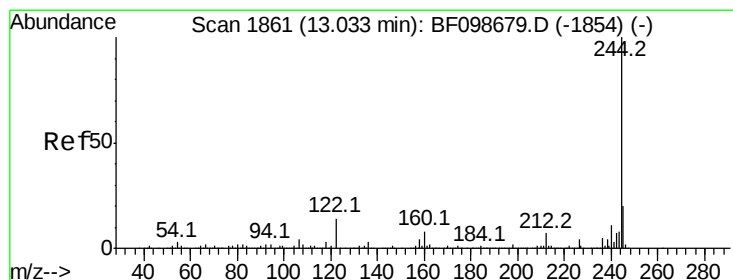
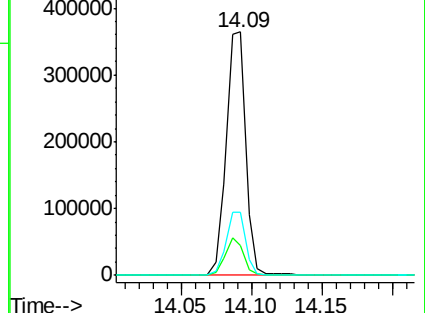
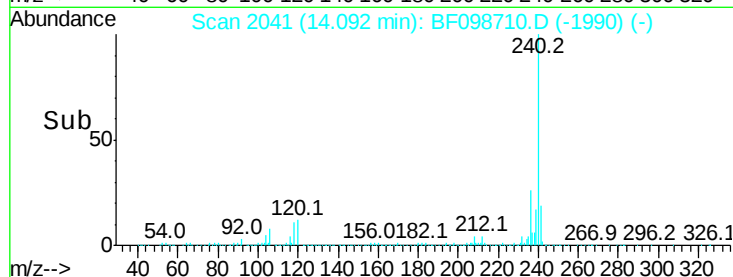
236 25.7 20.7 31.1



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: 11.750 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BF098710.D

Acq: 22 Sep 2017 21:45

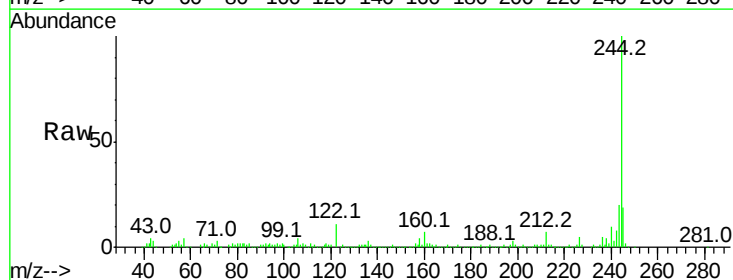
Tgt Ion:244 Resp: 191463

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

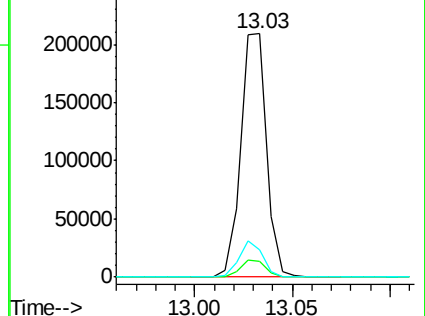
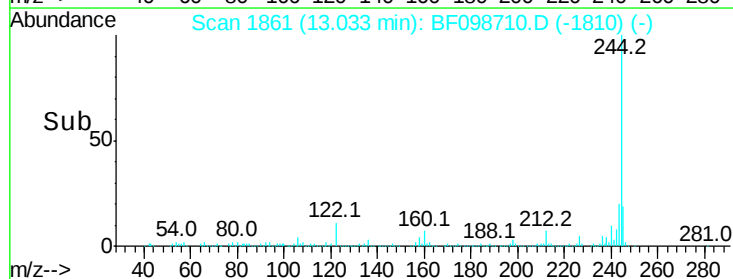
122 11.0 11.0 16.4

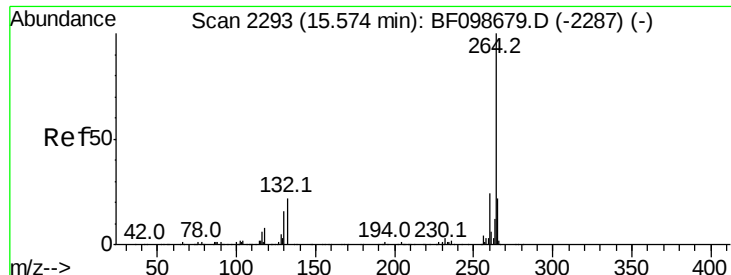


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF098710.D
 Acq: 22 Sep 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-092017-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.3	17.5	26.3

