

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098952.D
 Acq On : 29 Sep 2017 17:09
 Operator : SJ/JU
 Sample : I5481-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-092717

Quant Time: Sep 29 17:37:20 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	6.92	152	156785	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	673890	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	307277	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	506045	20.00	ng	0.00
75) Chrysene-d12	14.08	240	265474	20.00	ng	0.00
86) Perylene-d12	15.57	264	239933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1199951	121.84	ng	0.01
7) Phenol-d6	6.55	99	1299347	106.94	ng	0.00
23) Nitrobenzene-d5	7.48	82	1009917	96.11	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	326281	129.77	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1697679	92.23	ng	0.00
78) Terphenyl-d14	13.03	244	1279538	109.61	ng	0.00

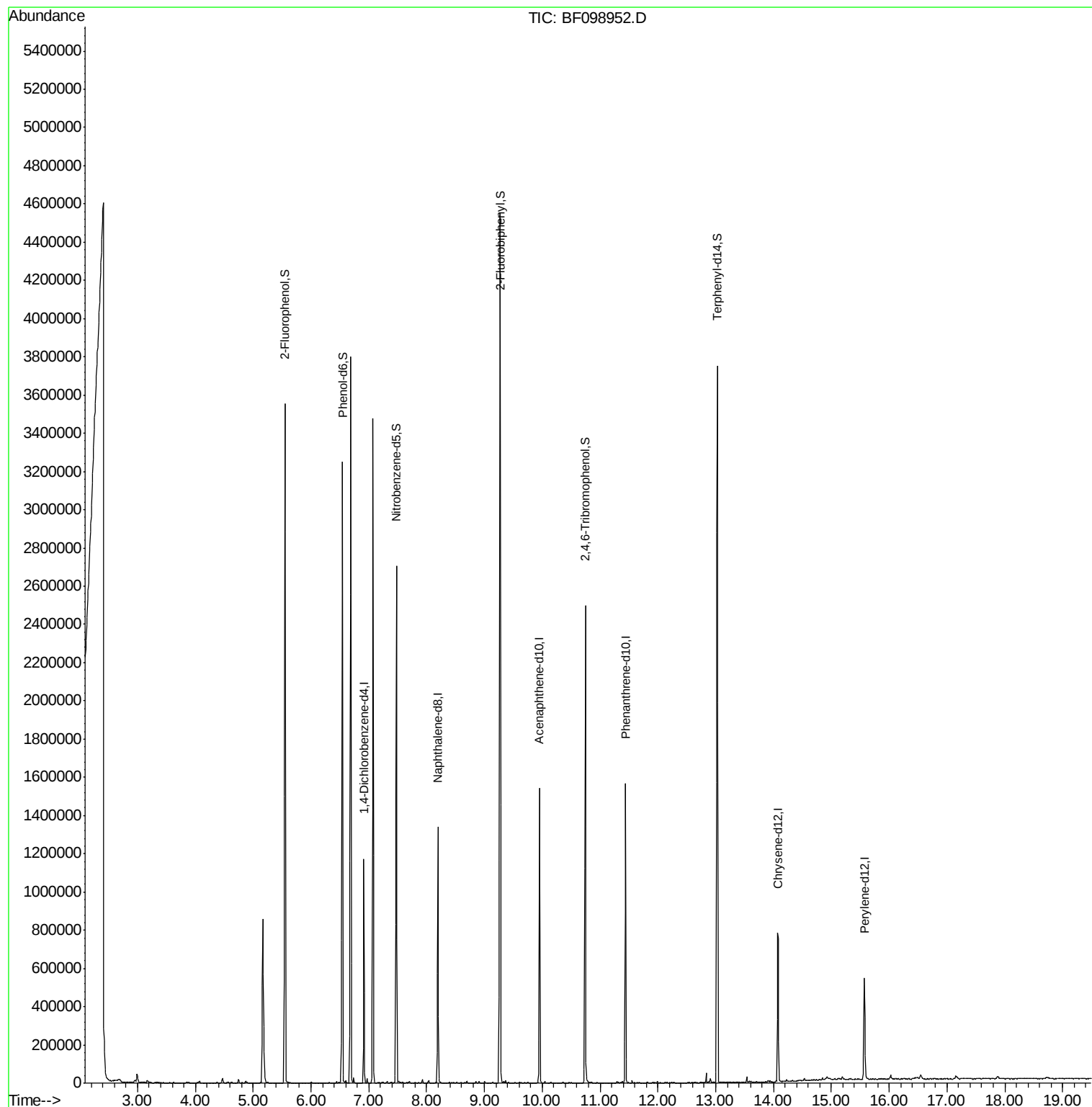
Target Compounds Qvalue

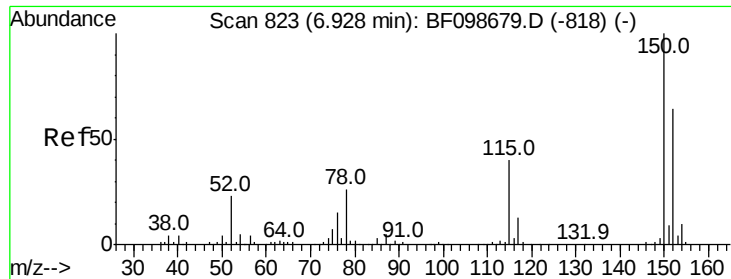
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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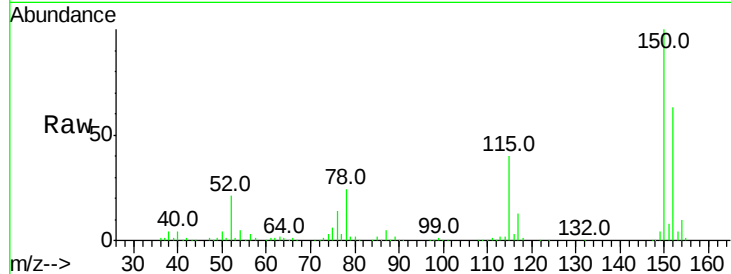


#1

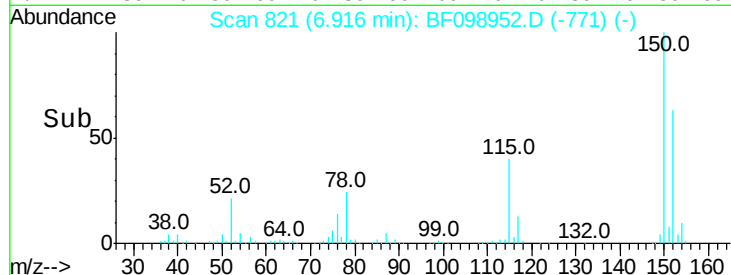
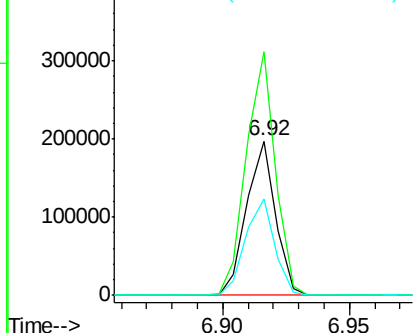
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098952.D
Acq: 29 Sep 2017 17:09

Instrument :
BNA_F
ClientSampleId :
HR-06-092717

Tot Ion:152 Resp: 156785
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 62.8 50.1 75.1



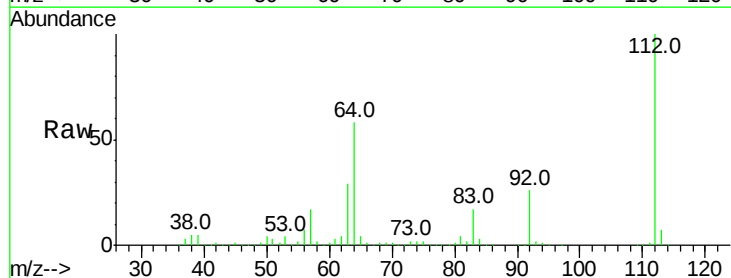
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



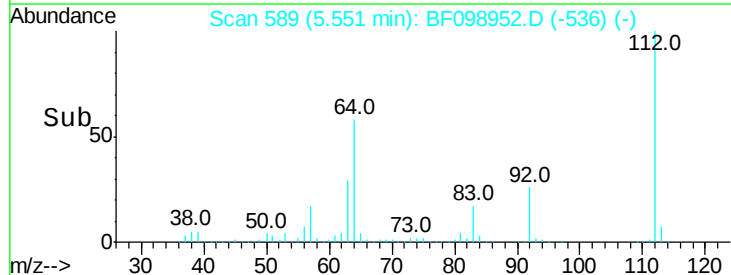
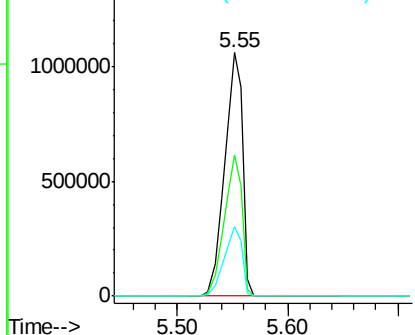
#5

2-Fluorophenol
Concen: 121.836 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098952.D
Acq: 29 Sep 2017 17:09

Tgt Ion:112 Resp: 1199951
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 28.7 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: 106.944 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

Instrument :

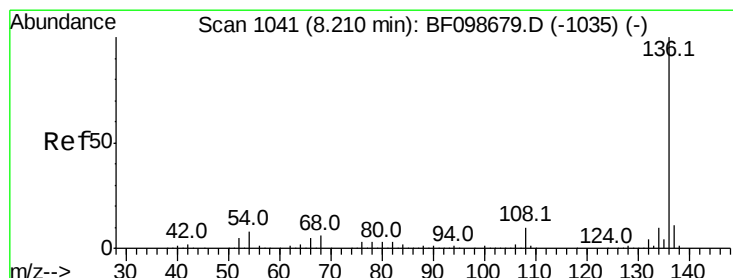
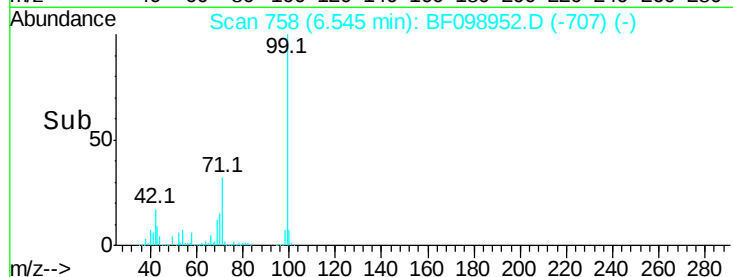
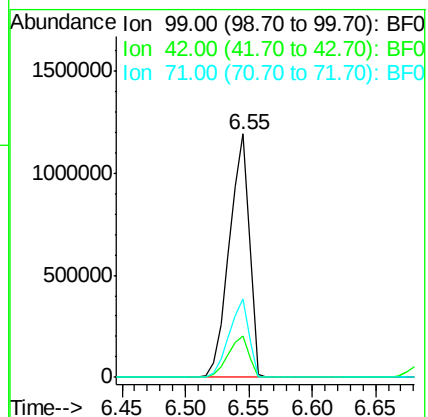
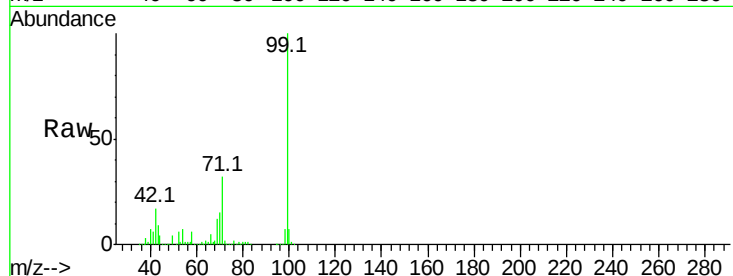
BNA_F

ClientSampleId :

HR-06-092717

Tot Ion: 99 Resp: 1299347

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.5	21.7
71	32.3	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

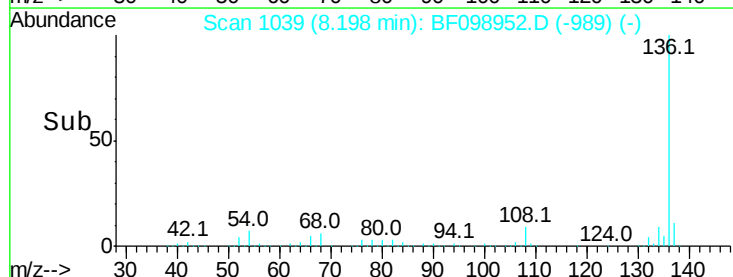
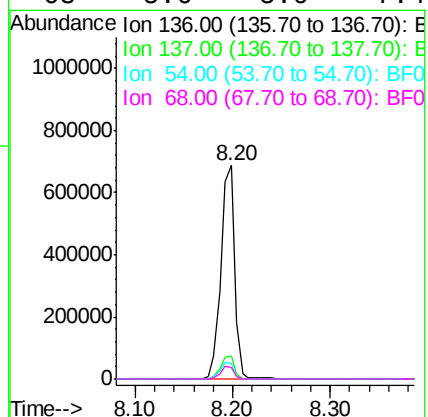
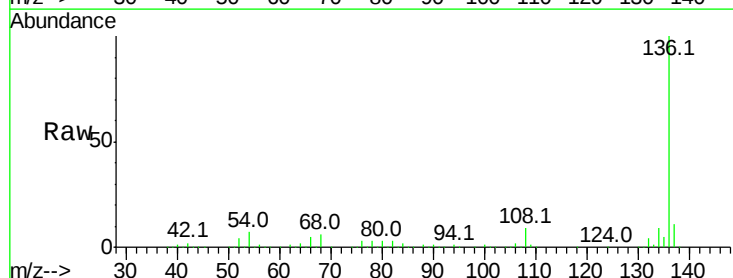
Delta R.T. -0.01 min

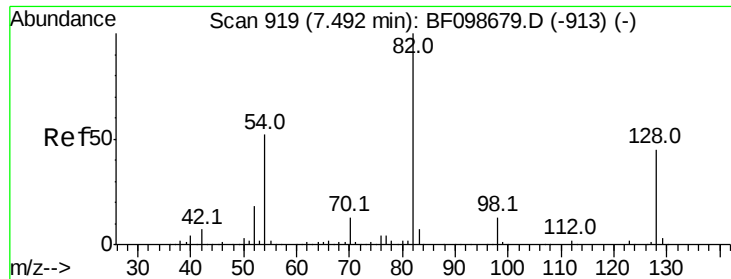
Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

Tgt Ion: 136 Resp: 673890

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	5.6	5.0	7.4



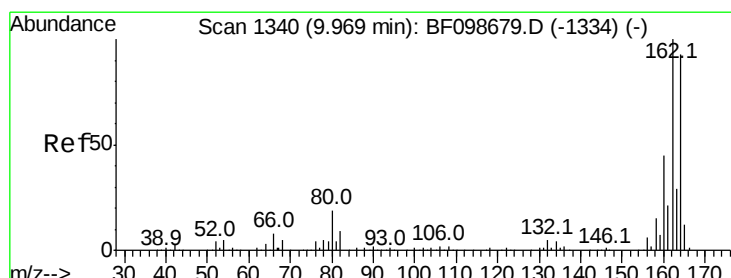
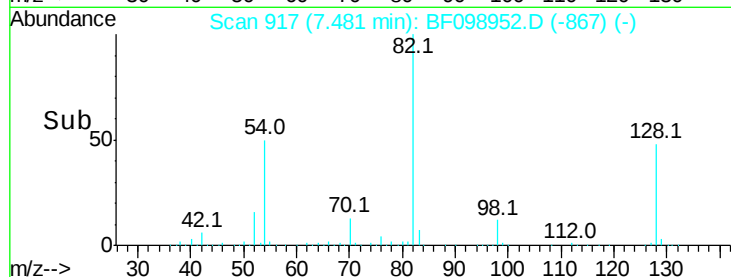
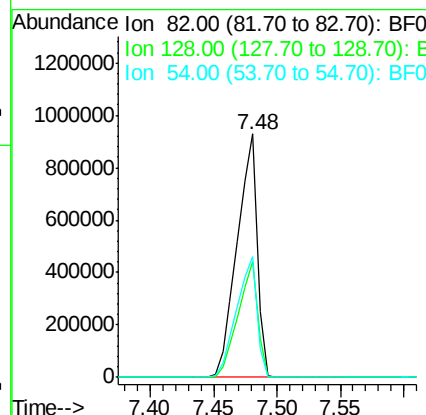
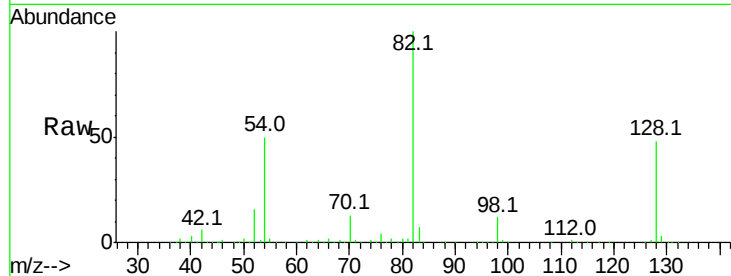


#23
 Nitrobenzene-d5
 Concen: 96.108 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098952.D
 Acq: 29 Sep 2017 17:09

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-092717

Tot Ion: 82 Resp: 1009917

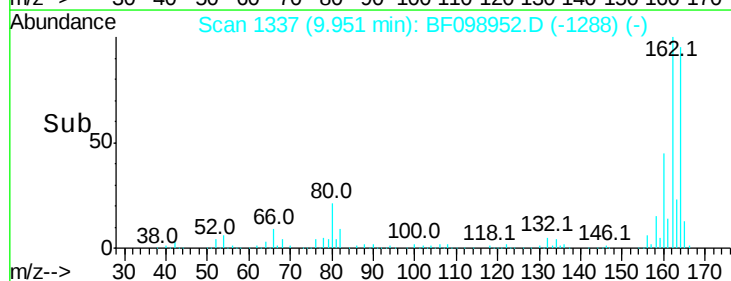
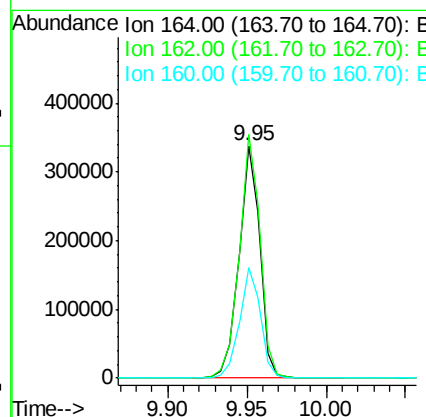
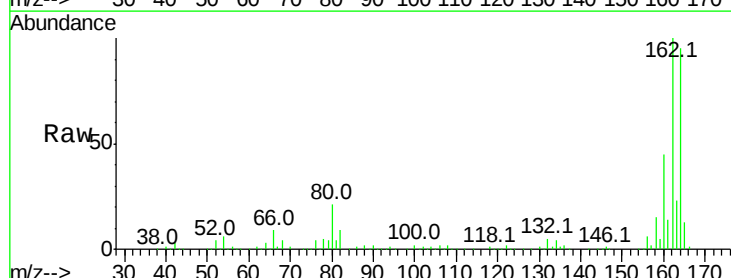
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	49.5	41.4	62.2

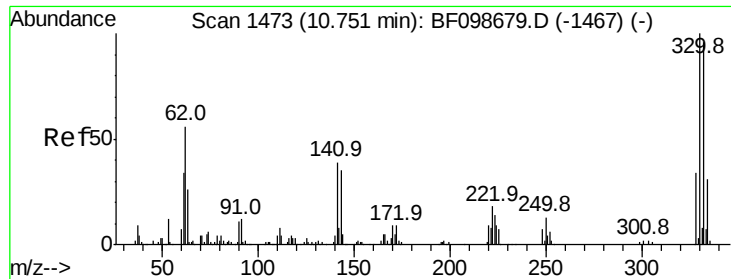


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098952.D
 Acq: 29 Sep 2017 17:09

Tgt Ion:164 Resp: 307277

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	47.4	38.3	57.5

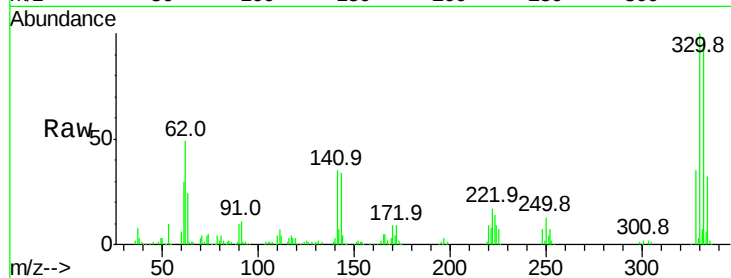




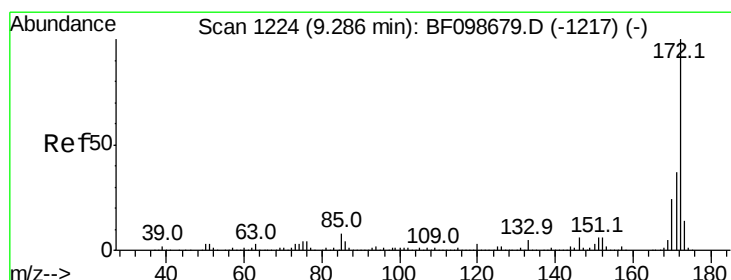
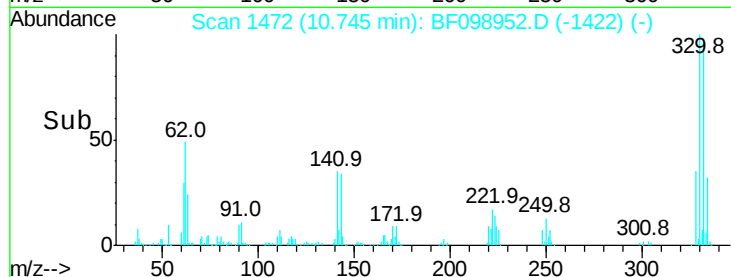
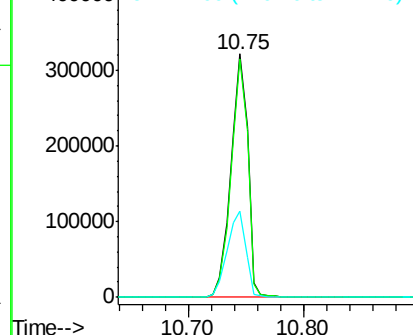
#41
 2,4,6-Tribromophenol
 Concen: 129.767 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098952.D
 Acq: 29 Sep 2017 17:09

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-092717

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	39.1	29.9	44.9

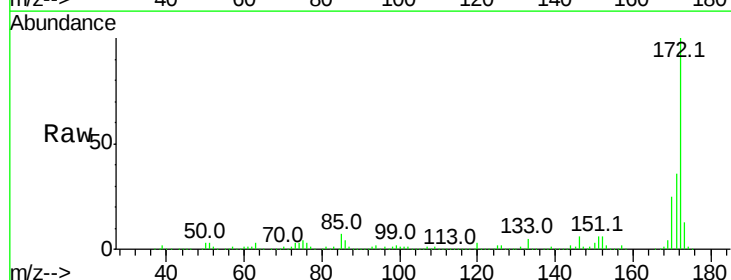


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

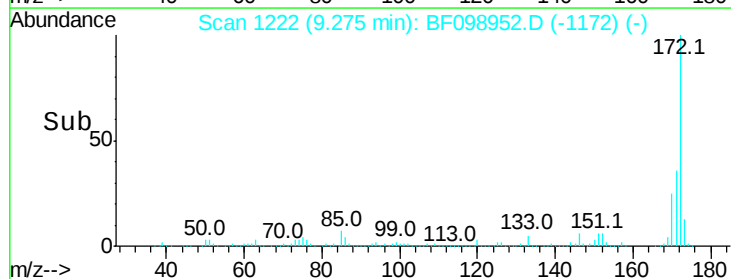
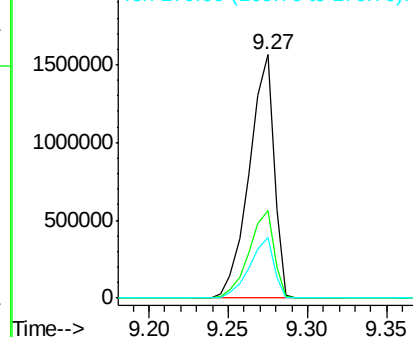


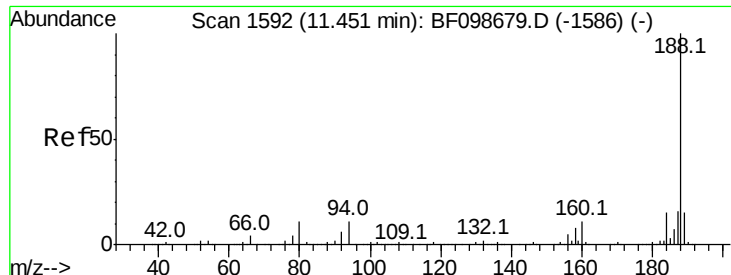
#44
 2-Fluorobiphenyl
 Concen: 92.234 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098952.D
 Acq: 29 Sep 2017 17:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.7	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

Instrument :

BNA_F

ClientSampleId :

HR-06-092717

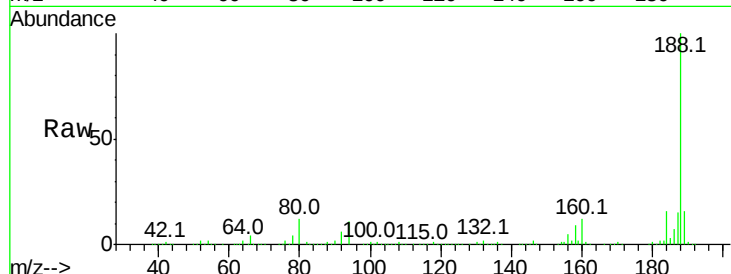
Tot Ion:188 Resp: 506045

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

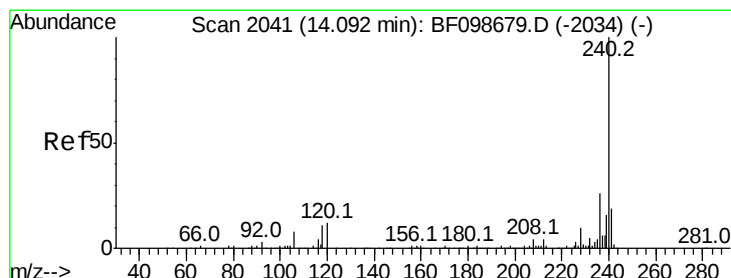
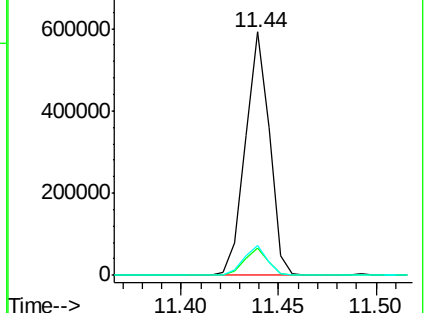
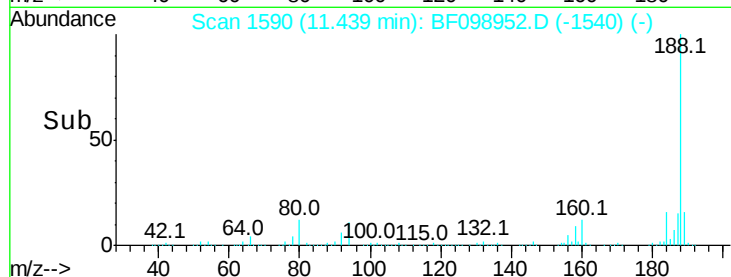
80 12.2 9.2 13.8



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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

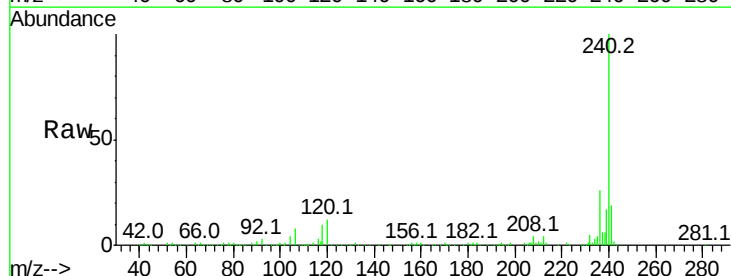
Tgt Ion:240 Resp: 265474

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

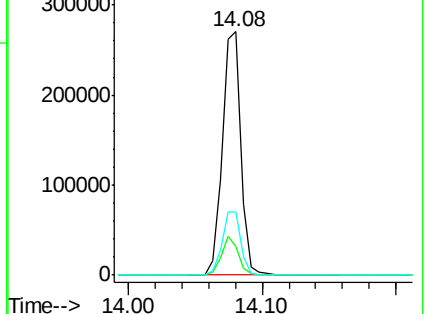
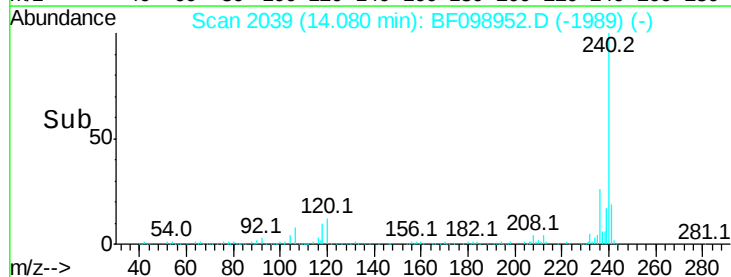
236 25.7 20.7 31.1

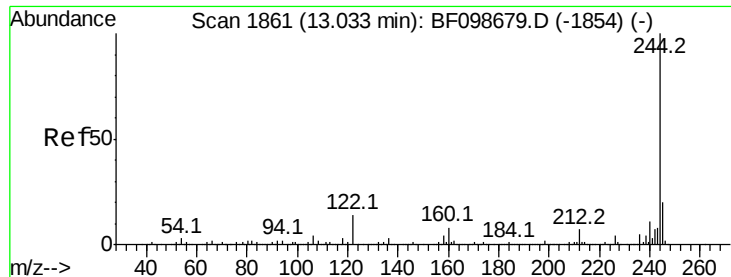


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 109.613 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

Instrument :

BNA_F

ClientSampleId :

HR-06-092717

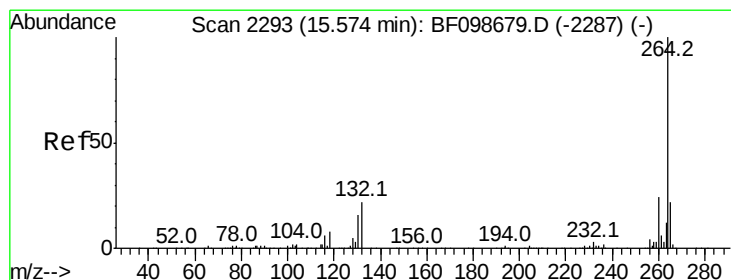
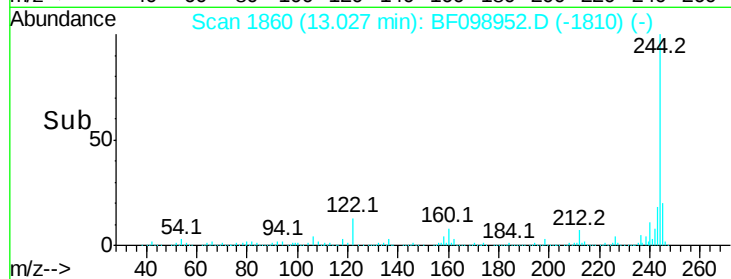
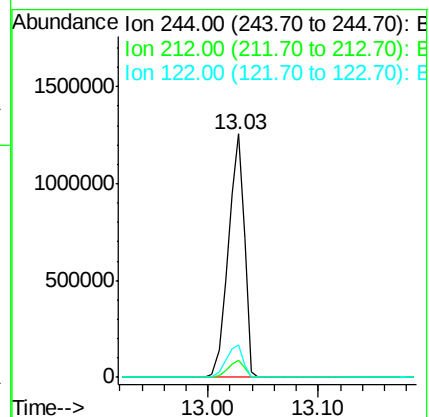
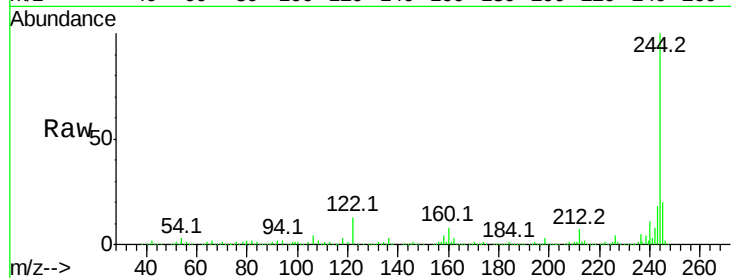
Tot Ion:244 Resp: 1279538

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 13.3 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

Tgt Ion:264 Resp: 239933

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.5 17.5 26.3

