

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
 Data File : BF098987.D
 Acq On : 1 Oct 2017 12:57
 Operator : SJ/JU
 Sample : I5457-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1_092617

Quant Time: Oct 02 04:54:08 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	6.90	152	128353	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	531693	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	244084	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	423630	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	277833	20.00	ng	-0.02
86) Perylene-d12	15.56	264	210195	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	502341	62.30	ng	-0.02
7) Phenol-d6	6.52	99	383187	38.52	ng	-0.02
23) Nitrobenzene-d5	7.46	82	784724	94.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	246178	123.26	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1377857	94.24	ng	-0.02
78) Terphenyl-d14	13.02	244	1168973	95.69	ng	-0.02

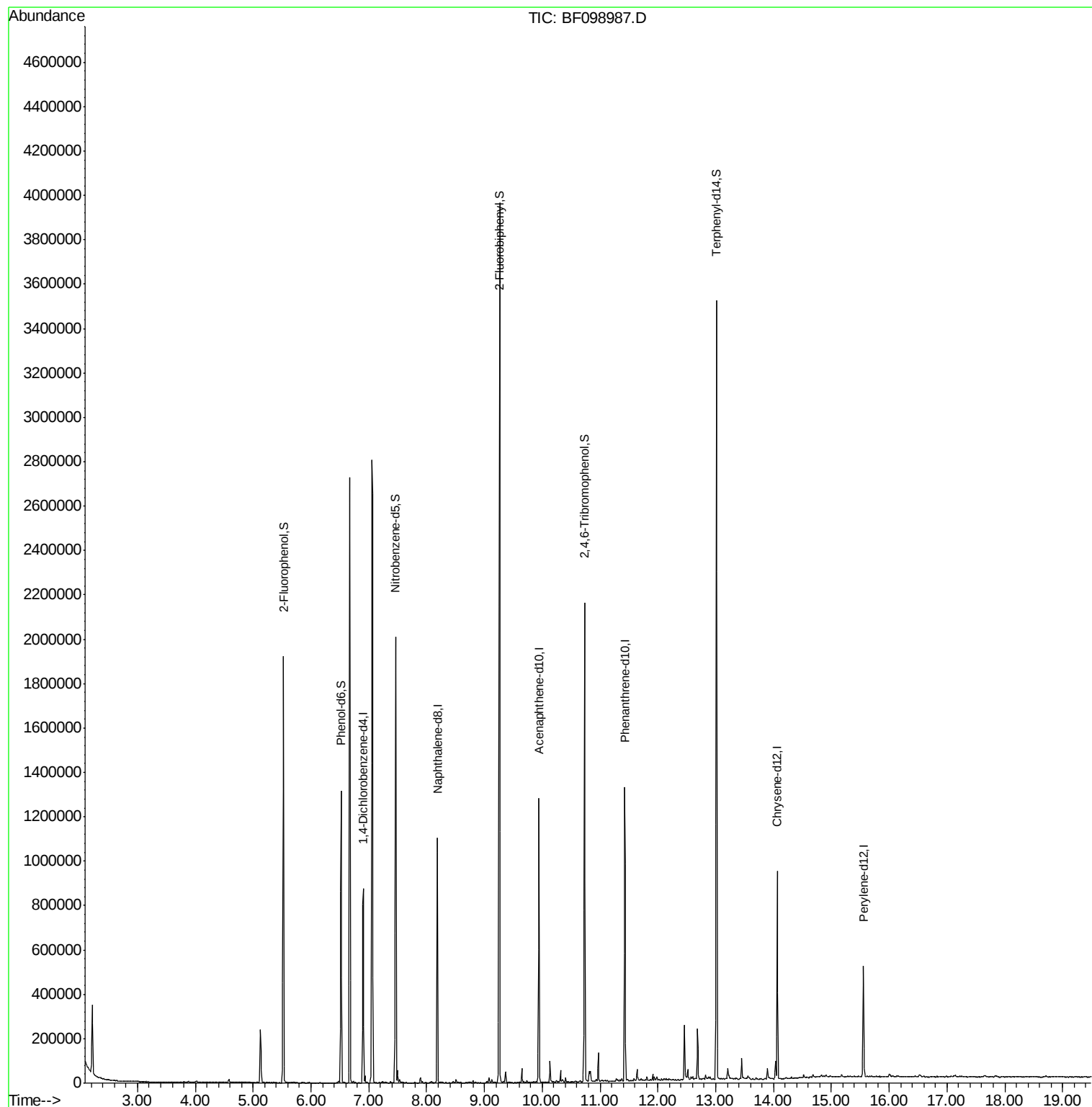
Target Compounds Qvalue

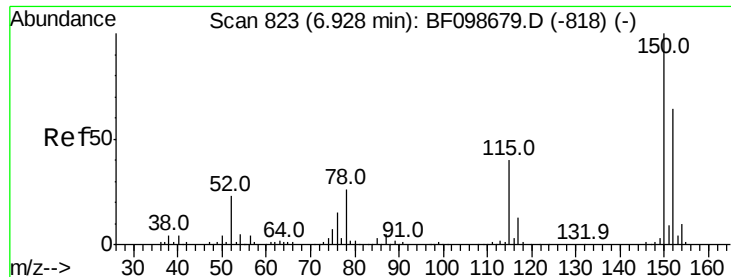
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
Data File : BF098987.D
Acq On : 1 Oct 2017 12:57
Operator : SJ/JU
Sample : I5457-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1_092617

Quant Time: Oct 02 04:54:08 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



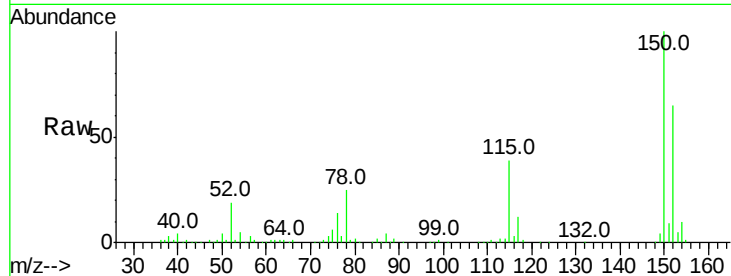


#1

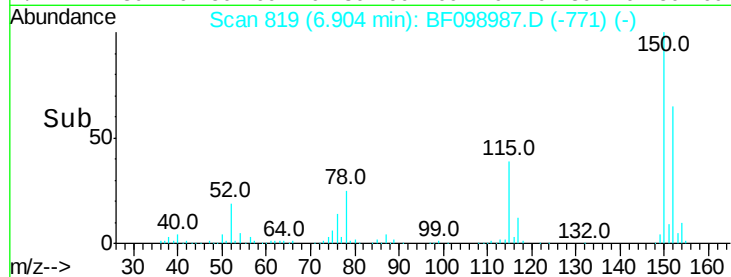
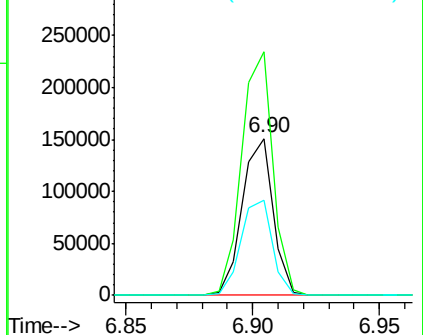
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF098987.D
Acq: 1 Oct 2017 12:57

Instrument :
BNA_F
ClientSampleId :
TW-1_092617

Tot Ion:152 Resp: 128353
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 60.5 50.1 75.1



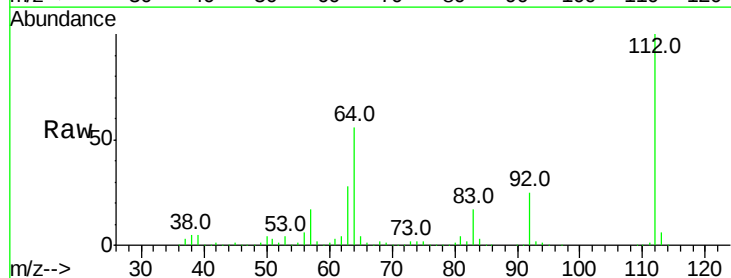
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



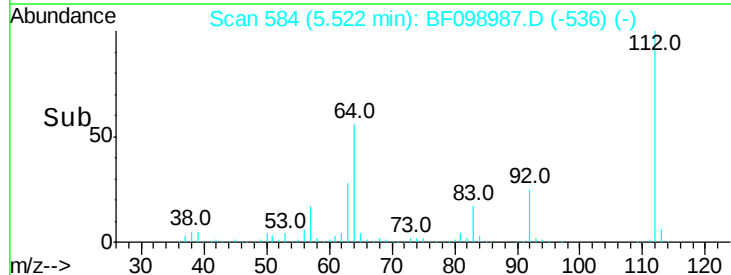
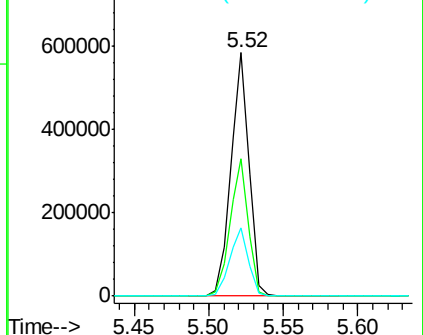
#5

2-Fluorophenol
Concen: 62.303 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098987.D
Acq: 1 Oct 2017 12:57

Tgt Ion:112 Resp: 502341
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 28.2 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: 38.525 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF098987.D

Acq: 1 Oct 2017 12:57

Instrument :

BNA_F

ClientSampleId :

TW-1_092617

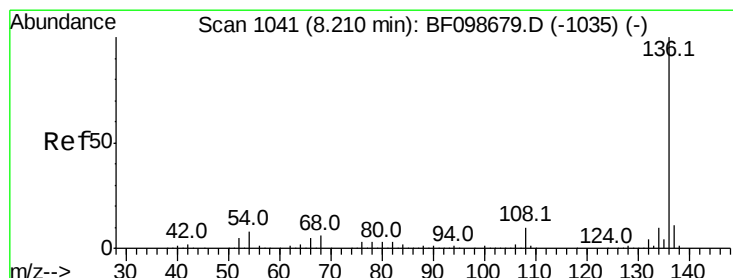
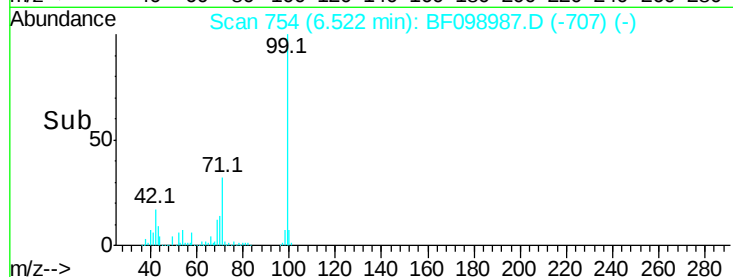
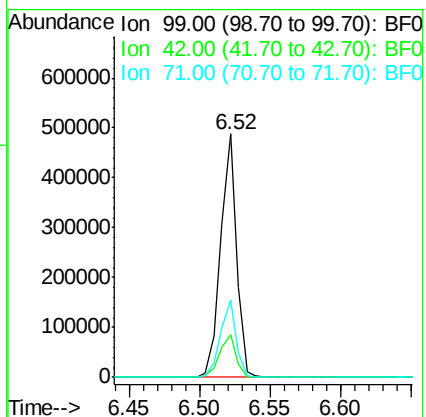
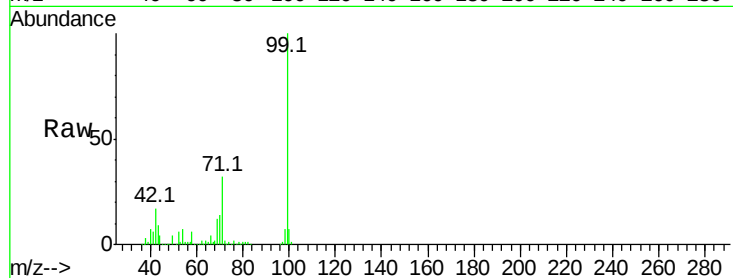
Tot Ion: 99 Resp: 383187

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

71 31.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF098987.D

Acq: 1 Oct 2017 12:57

Tgt Ion: 136 Resp: 531693

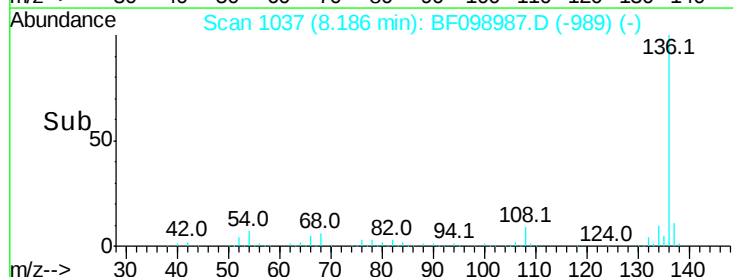
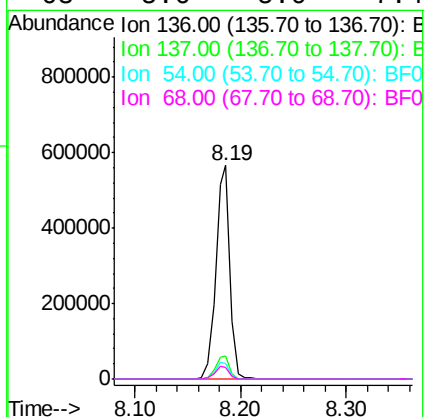
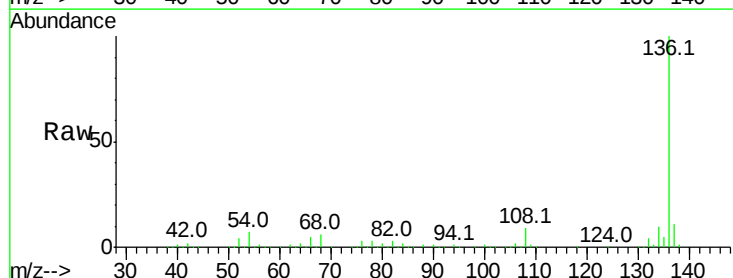
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.3 6.6 9.8

68 5.6 5.0 7.4

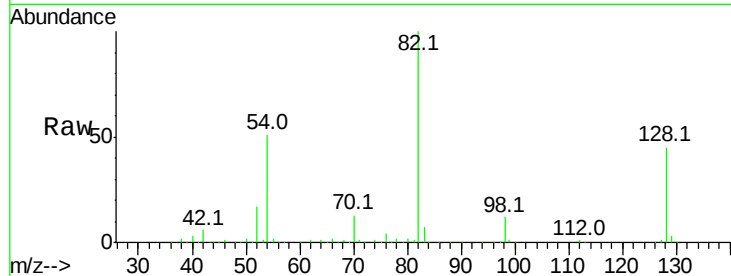




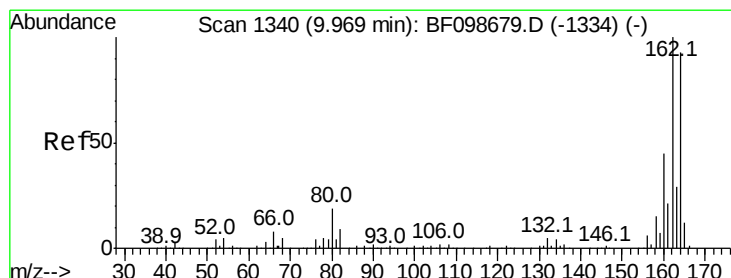
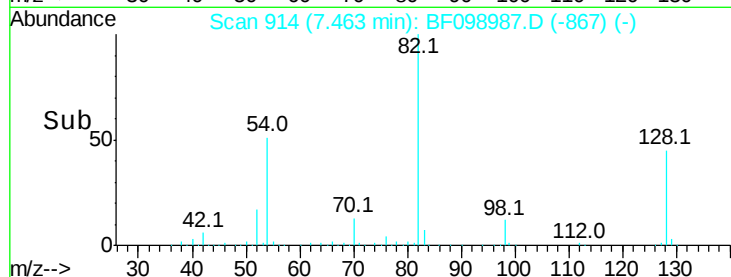
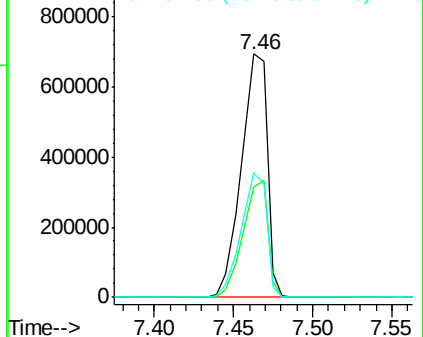
#23
 Nitrobenzene-d5
 Concen: 94.649 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BF098987.D
 Acq: 1 Oct 2017 12:57

Instrument :
 BNA_F
 ClientSampleId :
 TW-1_092617

Tot Ion: 82 Resp: 784724
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 51.1 41.4 62.2

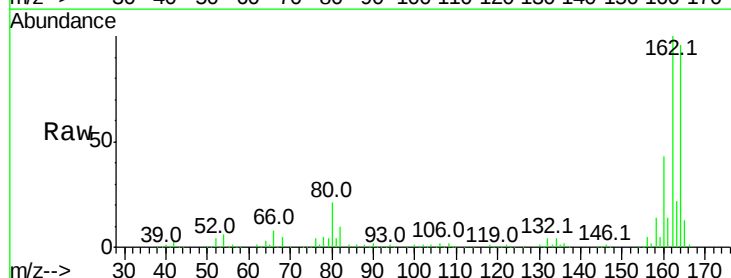


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

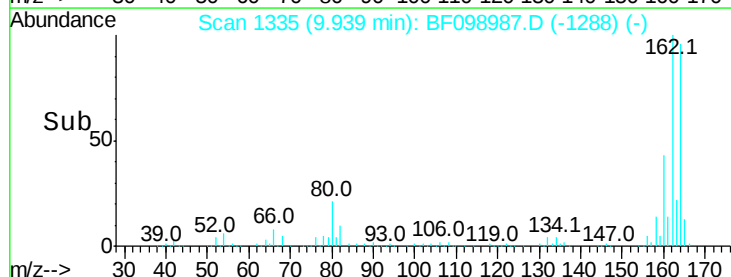
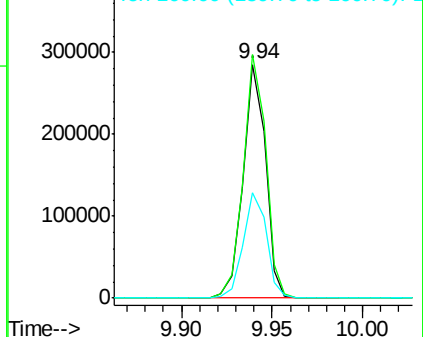


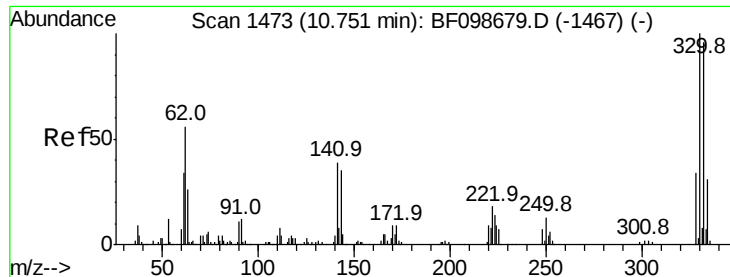
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: BF098987.D
 Acq: 1 Oct 2017 12:57

Tgt Ion:164 Resp: 244084
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 44.9 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

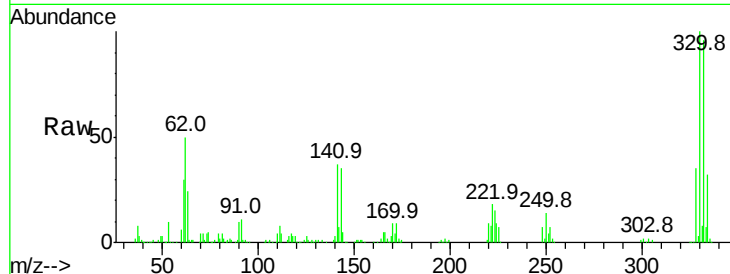




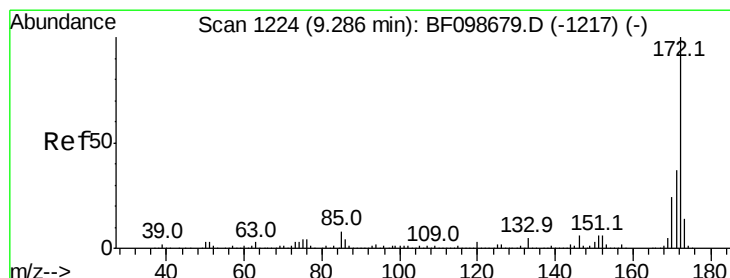
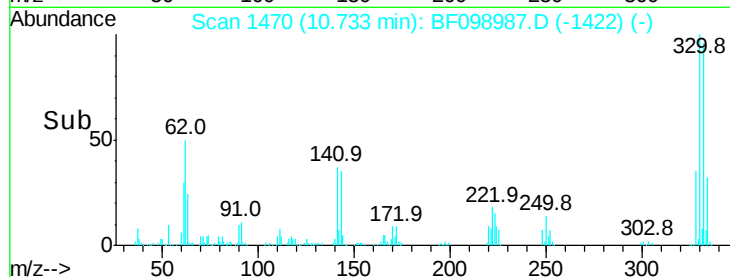
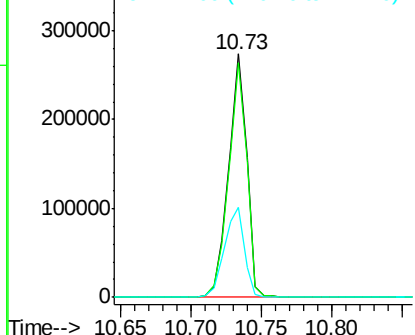
#41
 2,4,6-Tribromophenol
 Concen: 123.257 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098987.D
 Acq: 1 Oct 2017 12:57

Instrument :
 BNA_F
 ClientSampleId :
 TW-1_092617

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	40.4	29.9	44.9

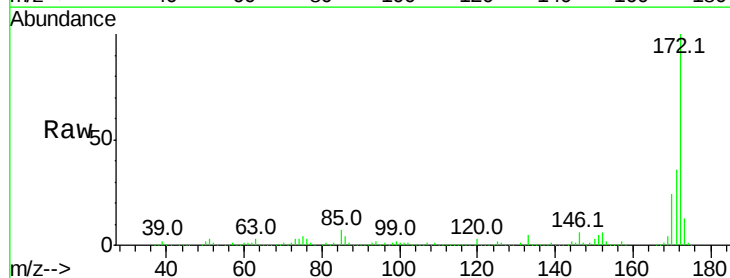


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

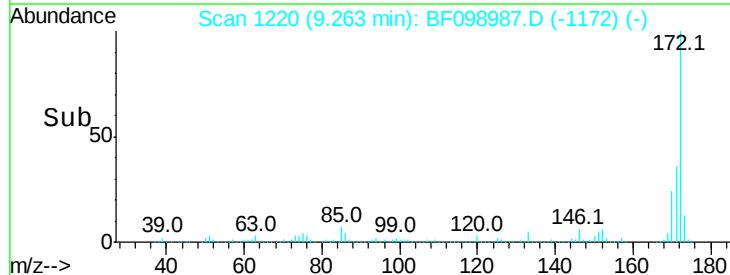
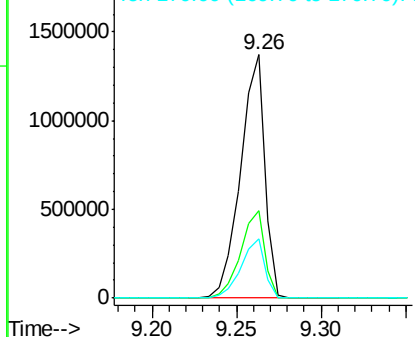


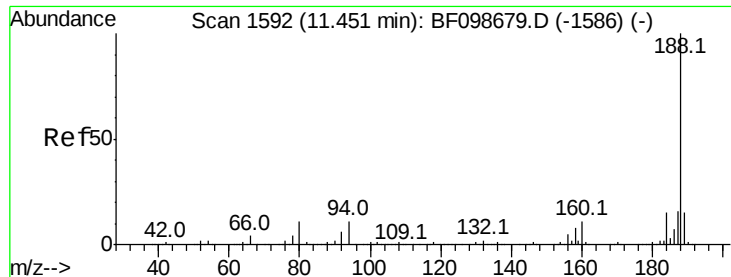
#44
 2-Fluorobiphenyl
 Concen: 94.239 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098987.D
 Acq: 1 Oct 2017 12:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	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: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF098987.D

Acq: 1 Oct 2017 12:57

Instrument :

BNA_F

ClientSampleId :

TW-1_092617

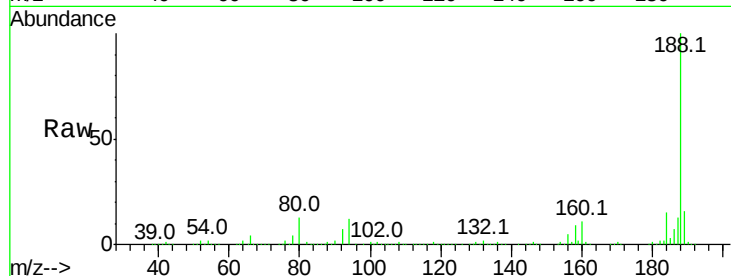
Tot Ion:188 Resp: 423630

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

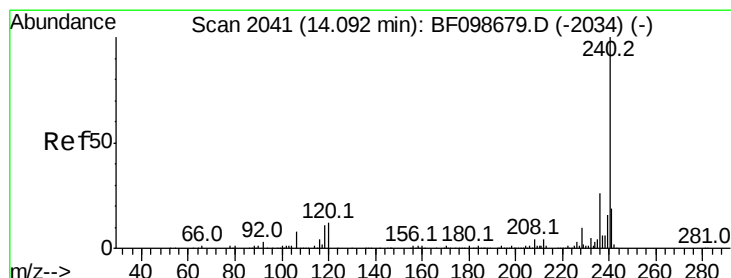
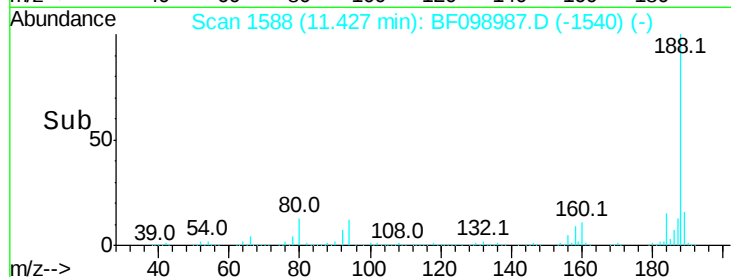
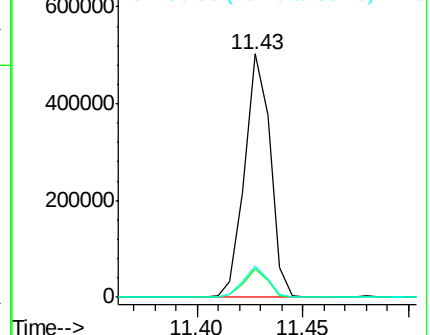
80 12.6 9.2 13.8



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# 2037

Delta R.T. -0.02 min

Lab File: BF098987.D

Acq: 1 Oct 2017 12:57

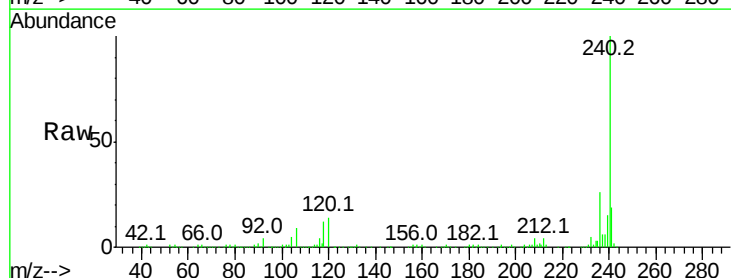
Tgt Ion:240 Resp: 277833

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

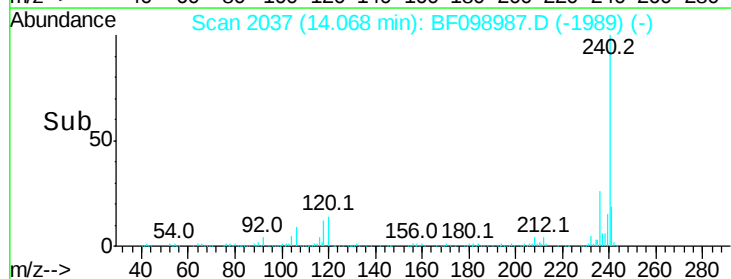
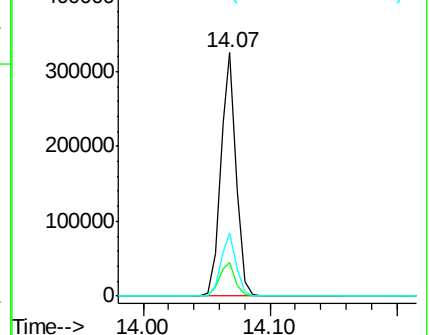
236 25.9 20.7 31.1

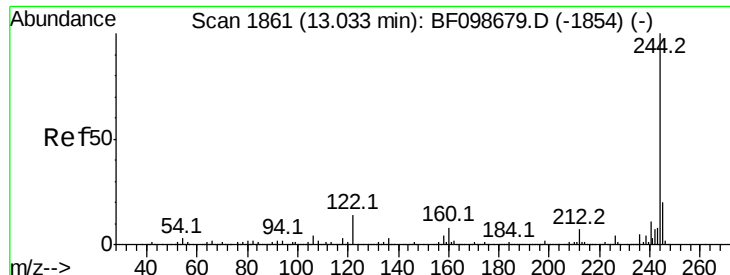


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.686 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098987.D

Acq: 1 Oct 2017 12:57

Instrument :

BNA_F

ClientSampleId :

TW-1_092617

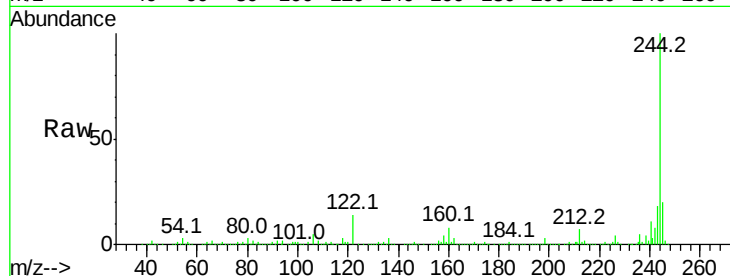
Tot Ion:244 Resp: 1168973

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

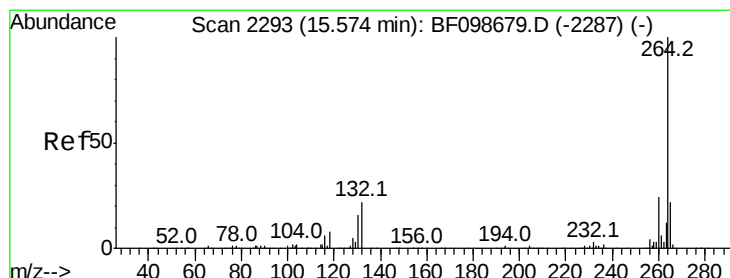
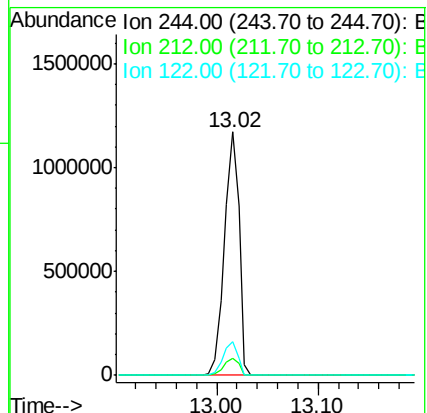
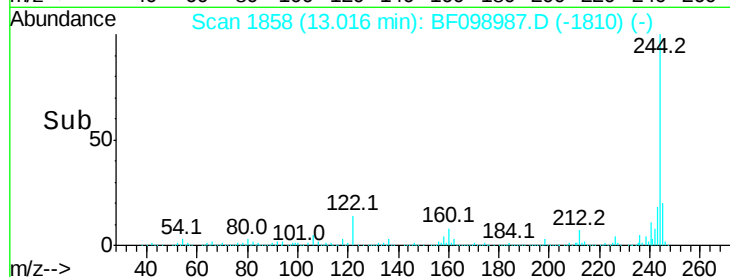
122 13.9 11.0 16.4



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: 15.56 min Scan# 2290

Delta R.T. -0.02 min

Lab File: BF098987.D

Acq: 1 Oct 2017 12:57

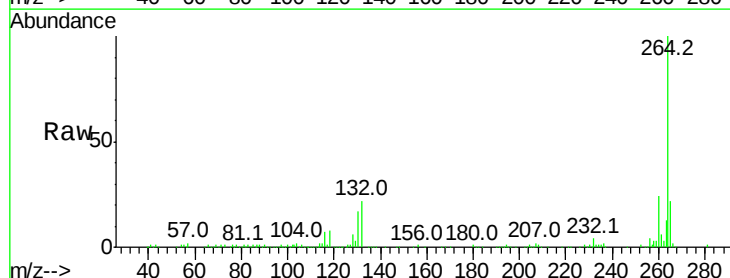
Tgt Ion:264 Resp: 210195

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.7 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

