

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098829.D
 Acq On : 26 Sep 2017 13:49
 Operator : SJ/JU
 Sample : I5394-04 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20-41

Quant Time: Sep 27 01:20:22 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	153936	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	634901	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	284562	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	497253	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	312448	20.00	ng	-0.01
86) Perylene-d12	15.56	264	284369	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	122224	12.64	ng	-0.02
7) Phenol-d6	6.52	99	154503	12.95	ng	-0.02
23) Nitrobenzene-d5	7.47	82	89503	9.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	27574	11.84	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	183785	10.78	ng	-0.02
78) Terphenyl-d14	13.02	244	149810	10.90	ng	-0.02

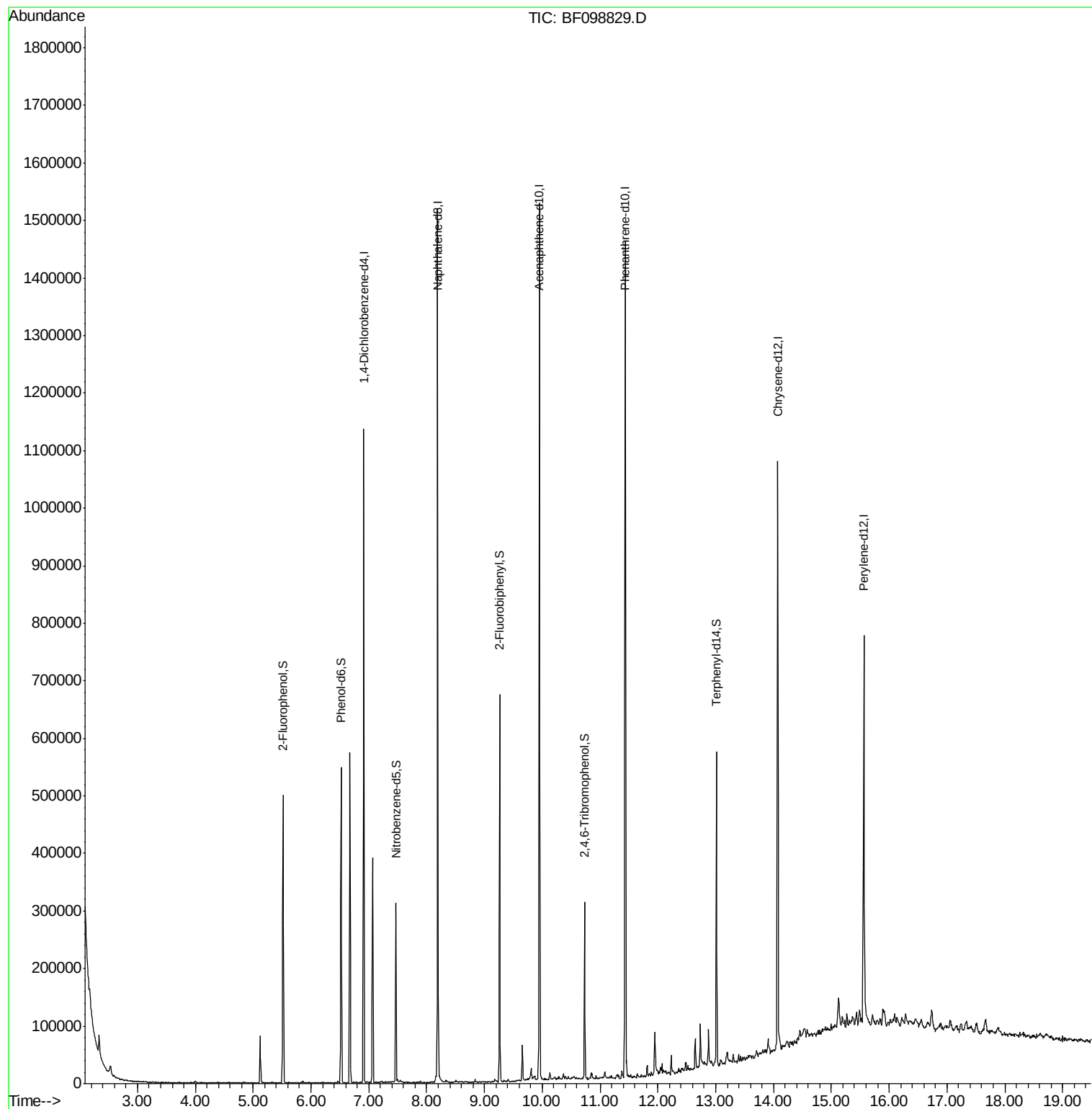
Target Compounds Qvalue

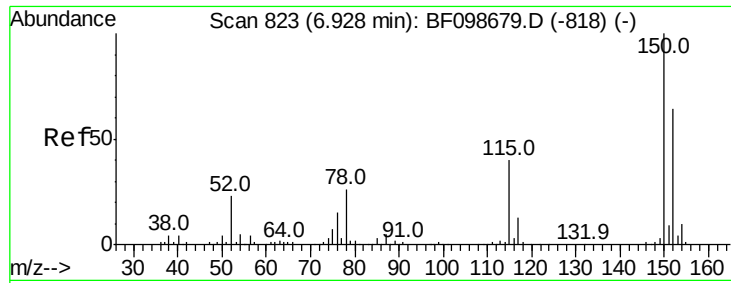
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
Data File : BF098829.D
Acq On : 26 Sep 2017 13:49
Operator : SJ/JU
Sample : I5394-04 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20-41

Quant Time: Sep 27 01:20:22 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



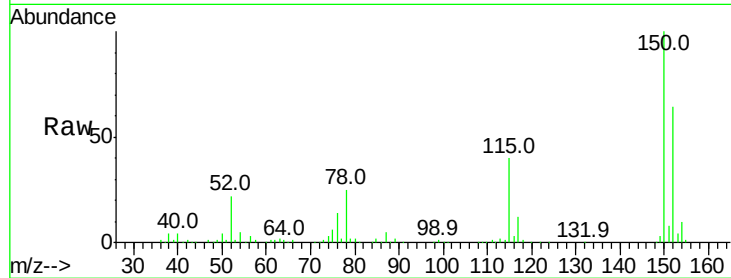


#1

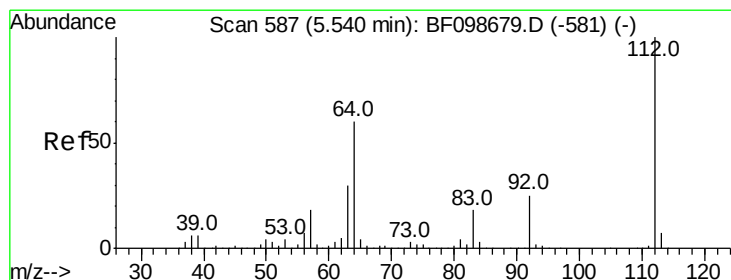
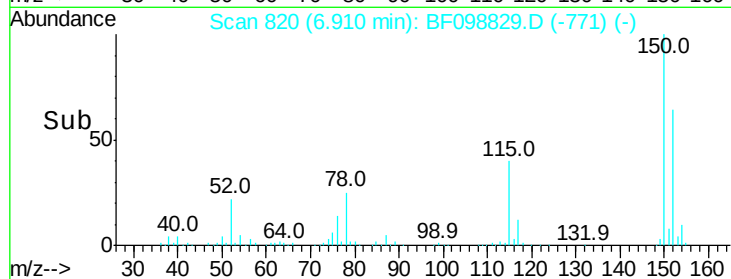
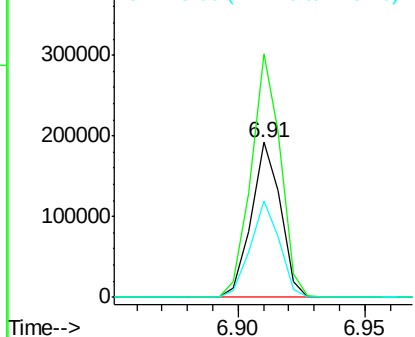
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098829.D
Acq: 26 Sep 2017 13:49

Instrument :
BNA_F
ClientSampleId :
20-41

Tot Ion:152 Resp: 153936
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 62.4 50.1 75.1



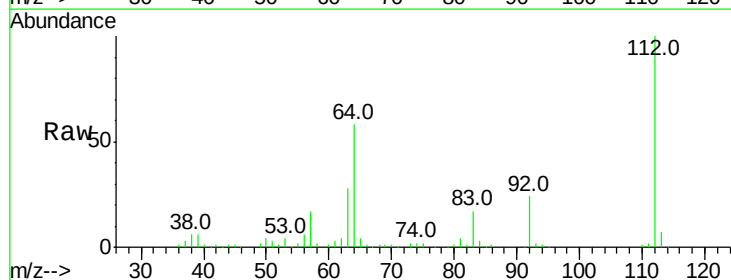
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



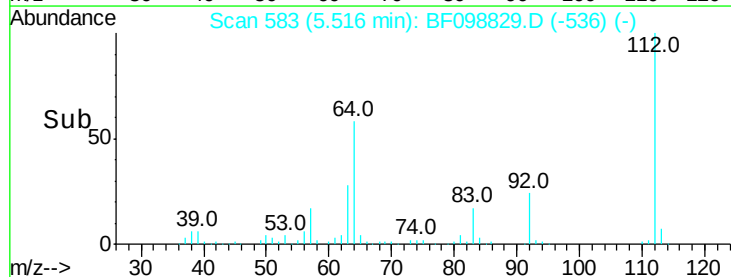
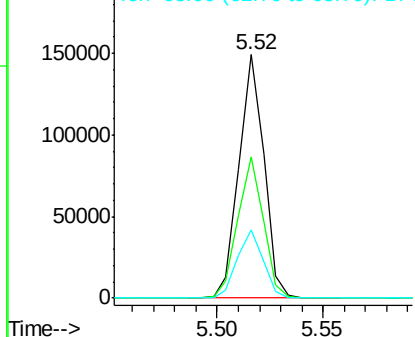
#5

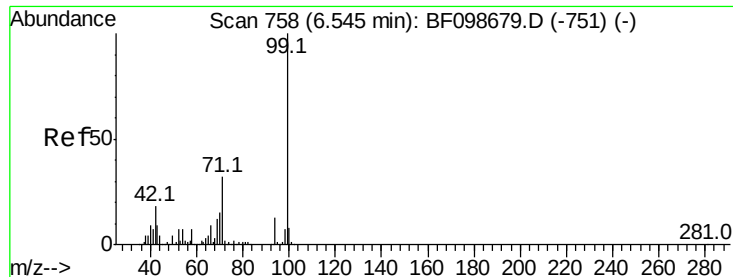
2-Fluorophenol
Concen: 12.640 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF098829.D
Acq: 26 Sep 2017 13:49

Tgt Ion:112 Resp: 122224
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 27.8 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: 12.952 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF098829.D

Acq: 26 Sep 2017 13:49

Instrument :

BNA_F

ClientSampleId :

20-41

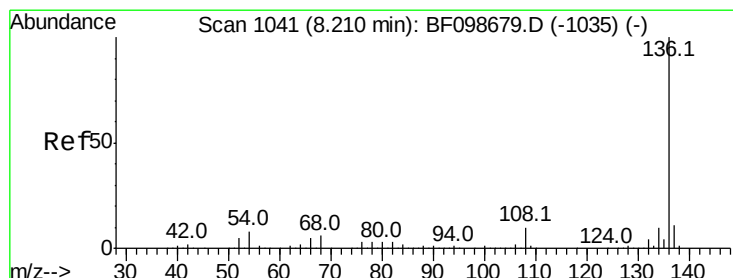
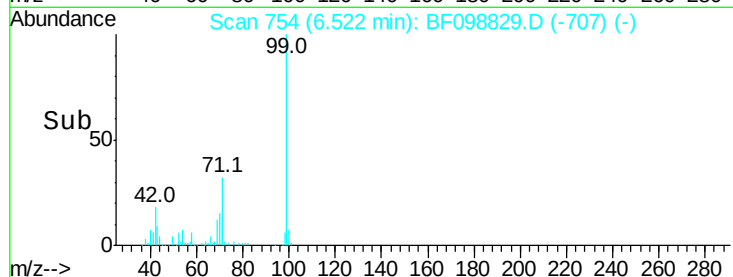
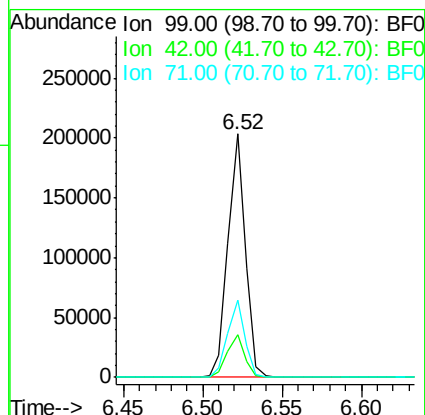
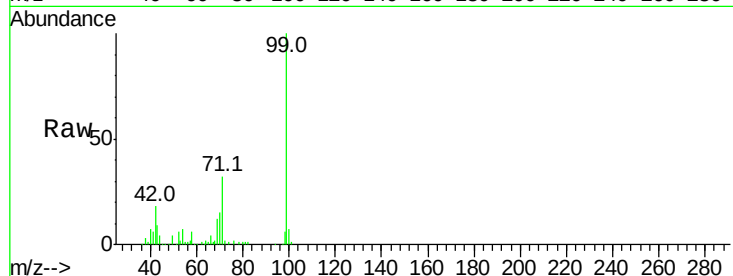
Tot Ion: 99 Resp: 154503

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 31.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098829.D

Acq: 26 Sep 2017 13:49

Tgt Ion: 136 Resp: 634901

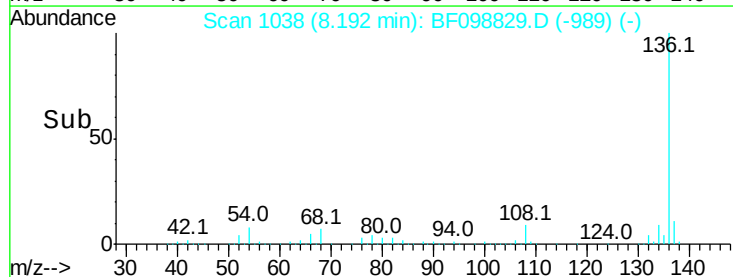
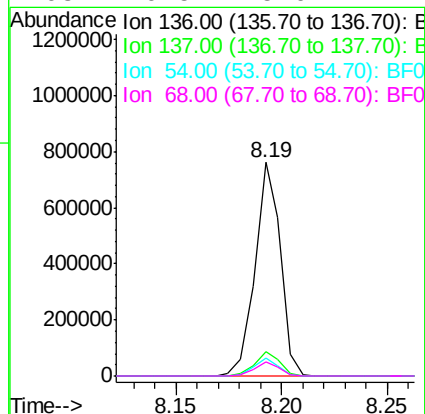
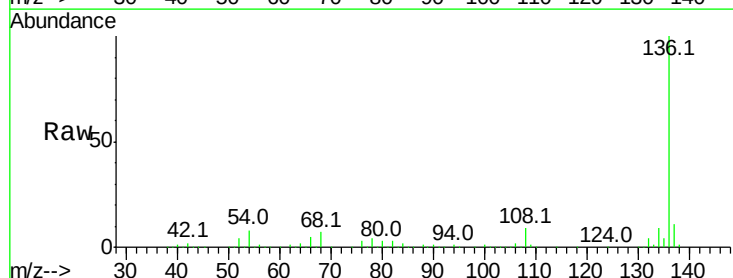
Ion Ratio Lower Upper

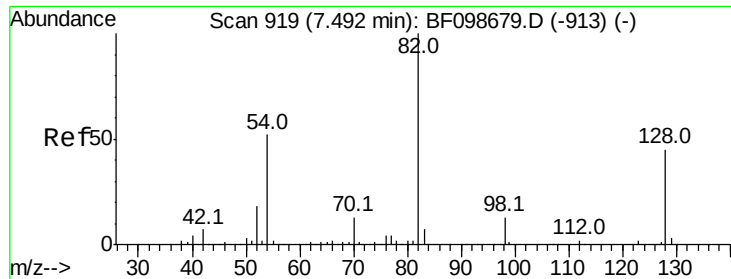
136 100

137 11.3 8.9 13.3

54 8.2 6.6 9.8

68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 9.041 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF098829.D

Acq: 26 Sep 2017 13:49

Instrument :

BNA_F

ClientSampled :

20-41

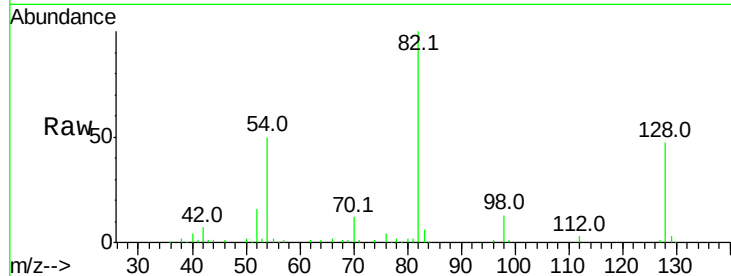
Tot Ion: 82 Resp: 89503

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

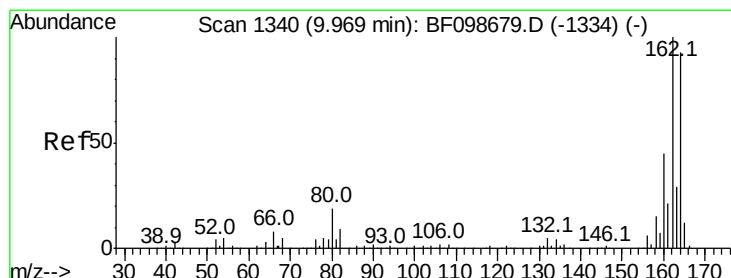
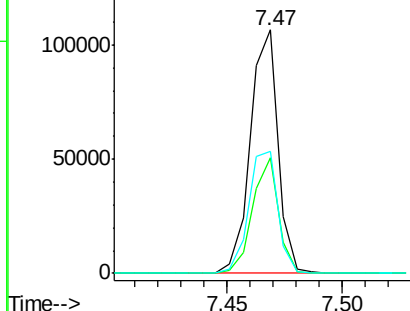
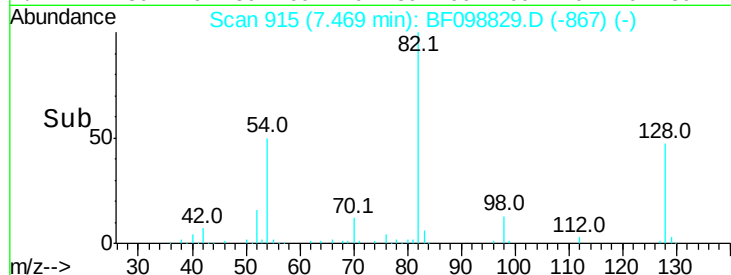
54 50.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF098829.D

Acq: 26 Sep 2017 13:49

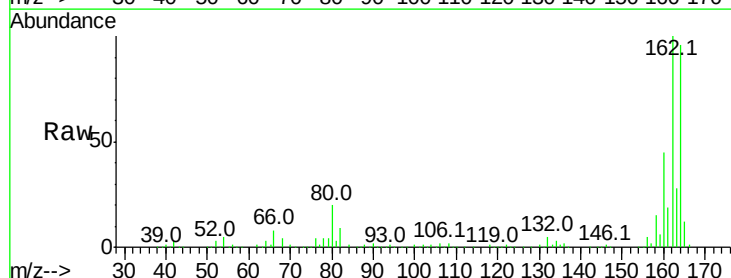
Tgt Ion: 164 Resp: 284562

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

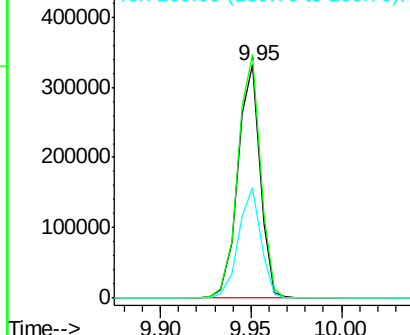
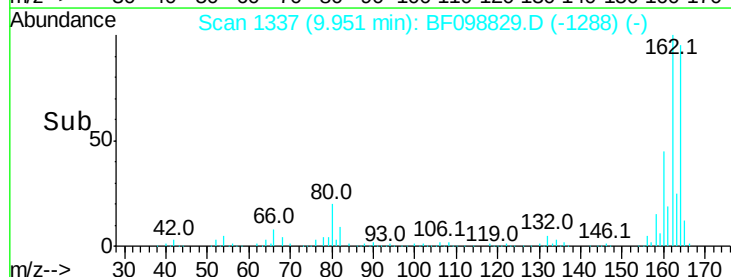
160 47.1 38.3 57.5

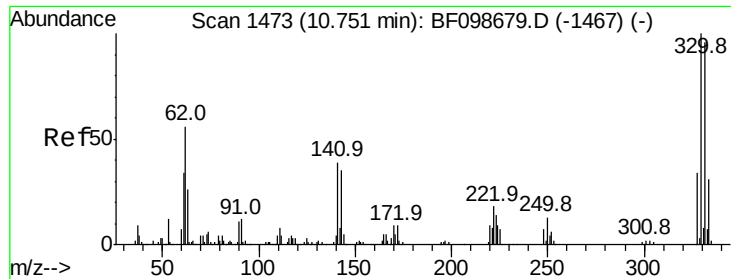


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

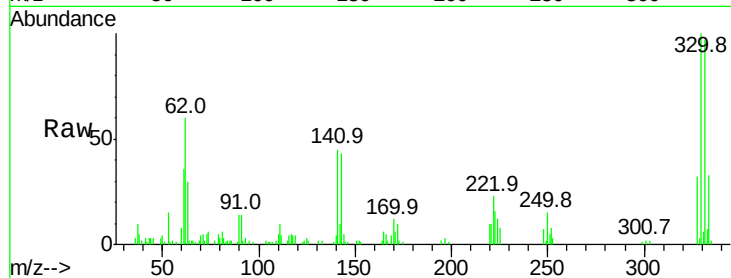




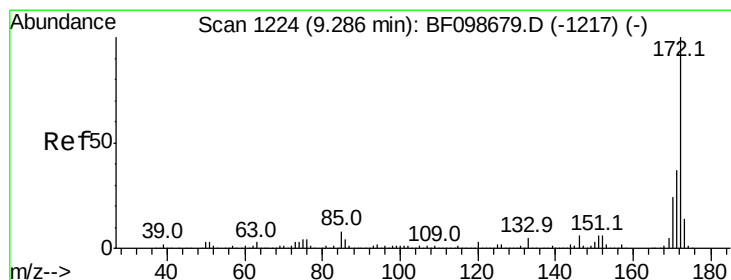
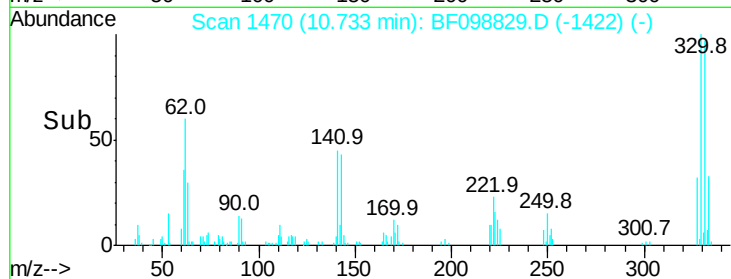
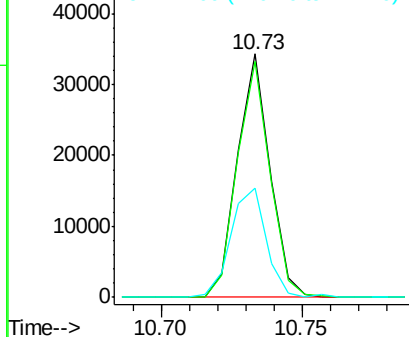
#41
 2,4,6-Tribromophenol
 Concen: 11.842 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098829.D
 Acq: 26 Sep 2017 13:49

Instrument :
 BNA_F
 ClientSampled :
 20-41

Tot Ion:330 Resp: 27574
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 49.1 29.9 44.9#

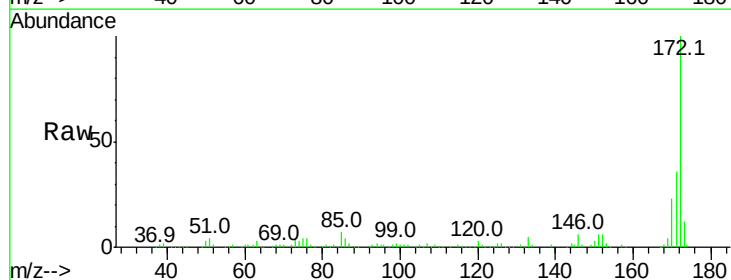


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

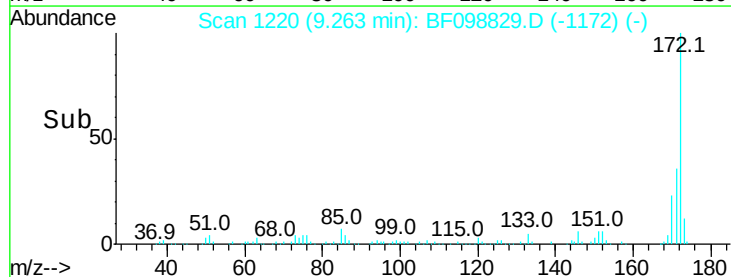
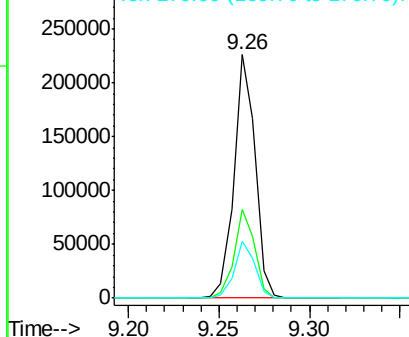


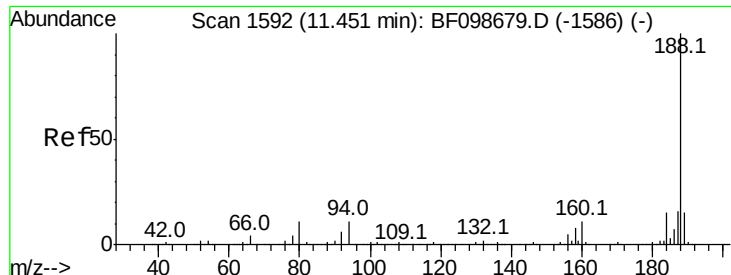
#44
 2-Fluorobiphenyl
 Concen: 10.782 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098829.D
 Acq: 26 Sep 2017 13:49

Tgt Ion:172 Resp: 183785
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.4 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

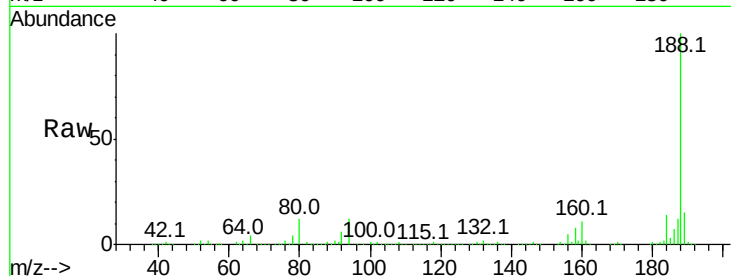




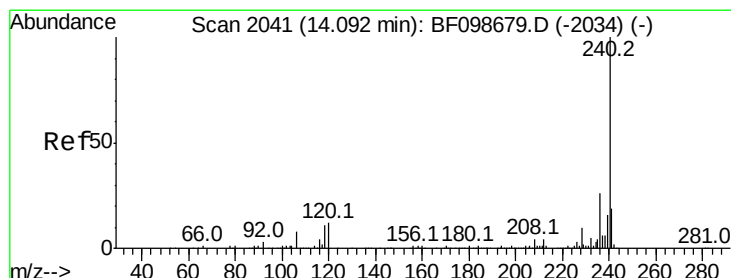
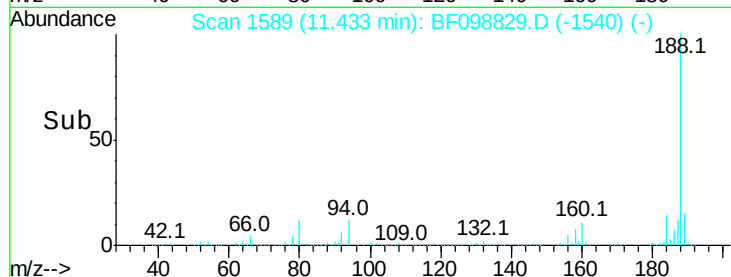
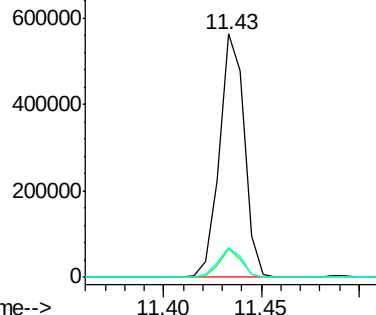
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF098829.D
Acq: 26 Sep 2017 13:49

Instrument :
BNA_F
ClientSampleId :
20-41

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.4	9.2	13.8

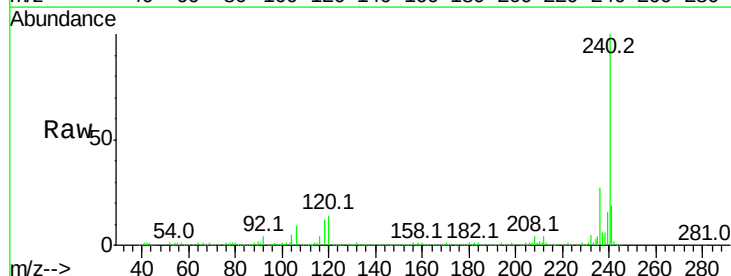


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

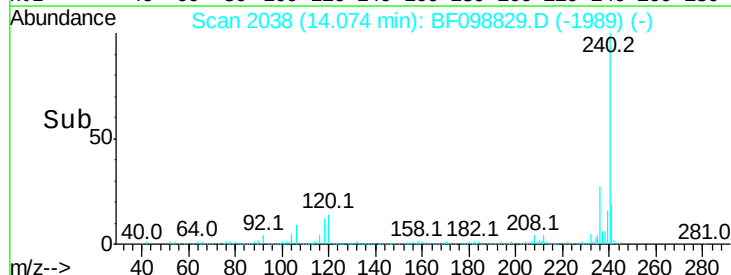
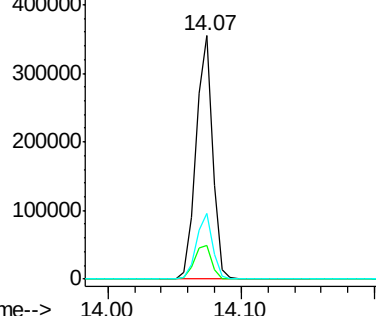


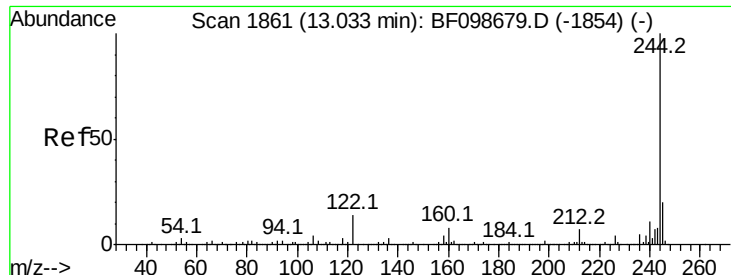
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098829.D
Acq: 26 Sep 2017 13:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	27.0	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: 10.904 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098829.D

Acq: 26 Sep 2017 13:49

Instrument :

BNA_F

ClientSampleId :

20-41

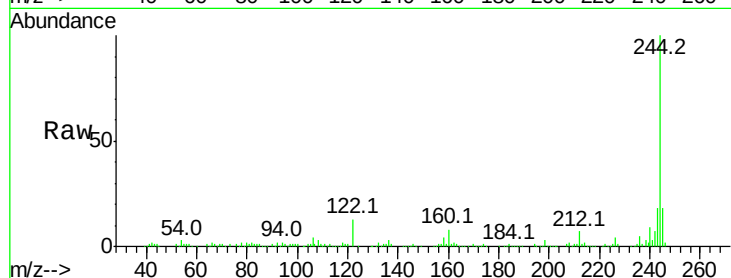
Tot Ion:244 Resp: 149810

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

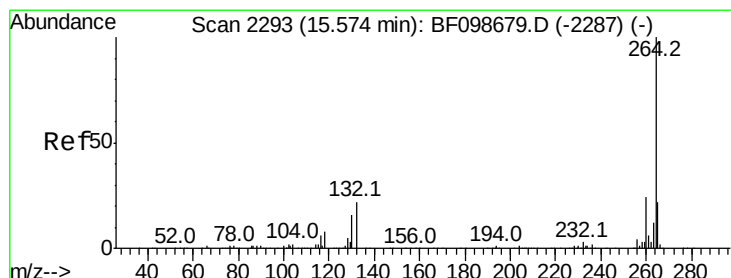
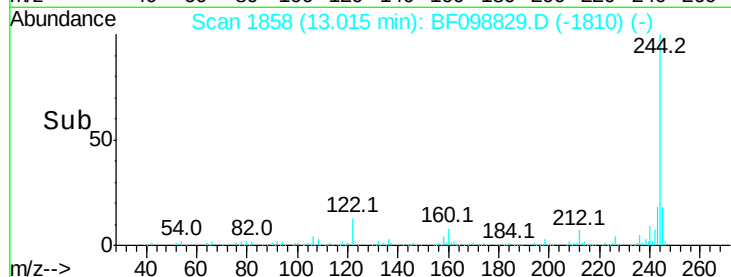
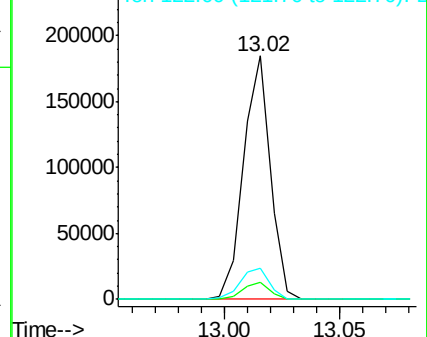
122 13.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098829.D

Acq: 26 Sep 2017 13:49

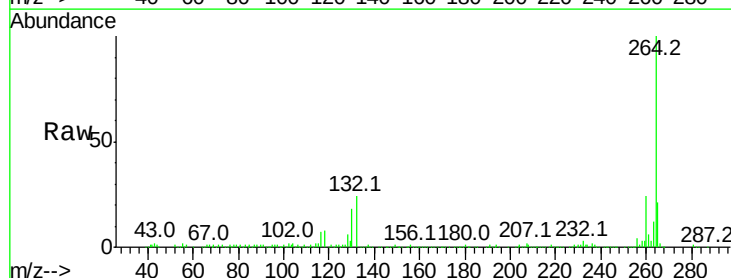
Tgt Ion:264 Resp: 284369

Ion Ratio Lower Upper

264 100

260 23.9 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

