

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028903.D
 Acq On : 23 Sep 2017 18:18
 Operator : SJ/JU
 Sample : I5298-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091817-SIDI-F-D-S

Quant Time: Sep 25 01:00:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	26658	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	102572	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	74644	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	245588	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	297307	20.00	ng	-0.07
86) Perylene-d12	25.41	264	307493	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	74784	46.29	ng	-0.06
7) Phenol-d6	7.43	99	63720	26.20	ng	-0.06
23) Nitrobenzene-d5	9.45	82	218816	102.05	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	159733	129.38	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	580312	103.67	ng	-0.05
78) Terphenyl-d14	20.24	244	1366734	98.04	ng	-0.05

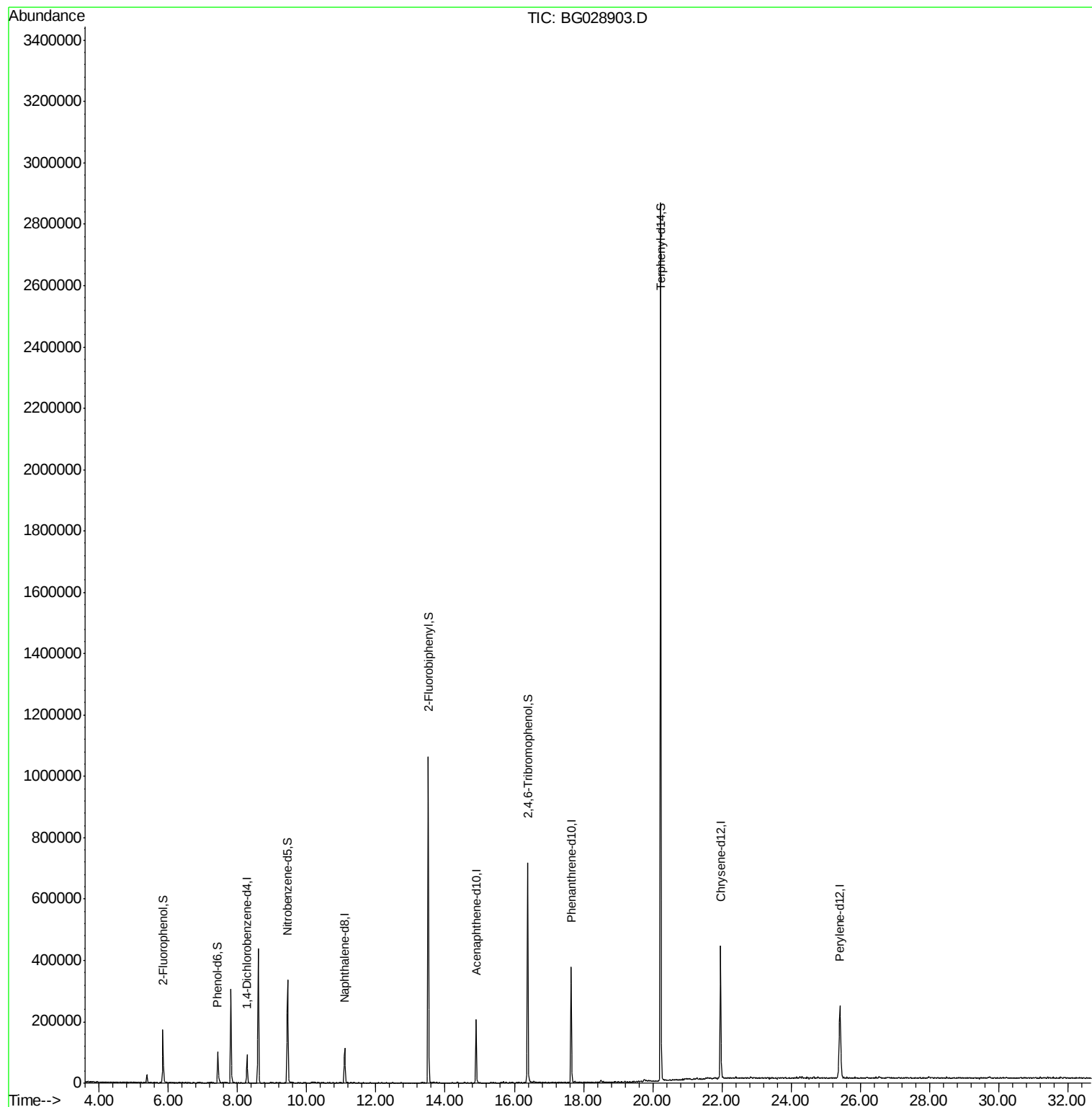
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028903.D
Acq On : 23 Sep 2017 18:18
Operator : SJ/JU
Sample : I5298-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
091817-SIDI-F-D-S

Quant Time: Sep 25 01:00:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration



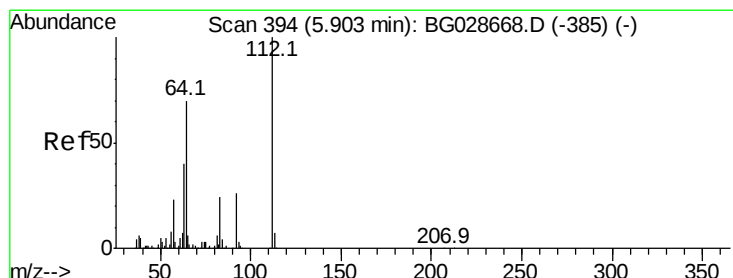
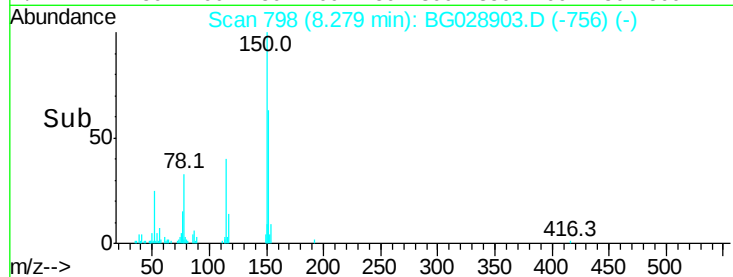
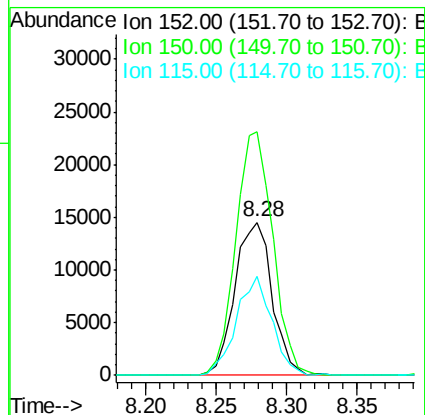
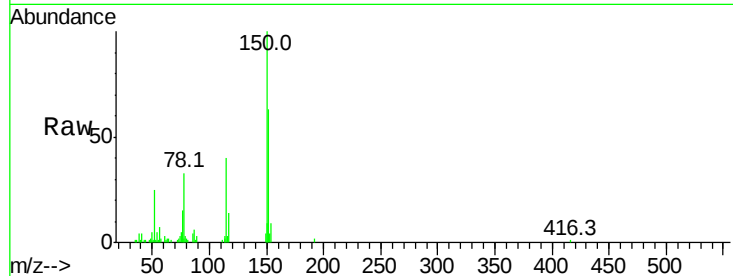


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028903.D
Acq: 23 Sep 2017 18:18

Instrument :
BNA_G
ClientSampleId :
091817-SIDI-F-D-S

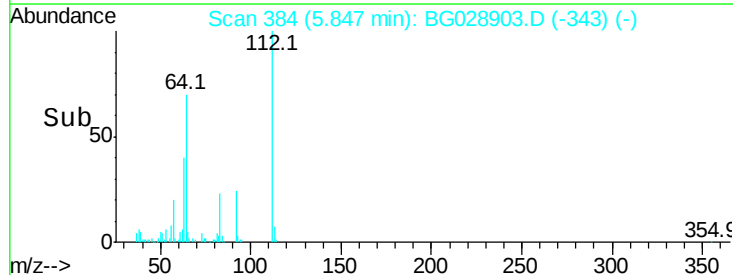
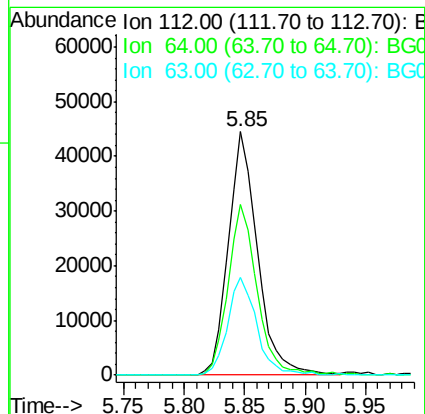
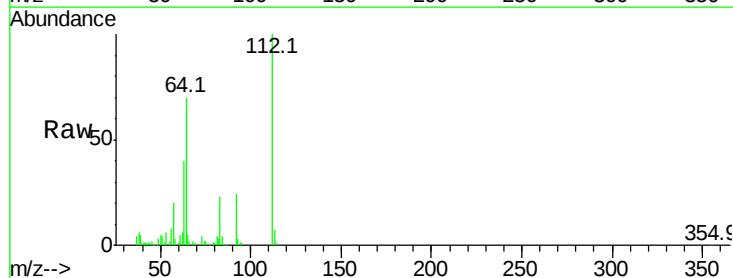
Tot Ion:152 Resp: 26658
Ion Ratio Lower Upper
152 100
150 158.8 114.0 171.0
115 64.2 48.1 72.1

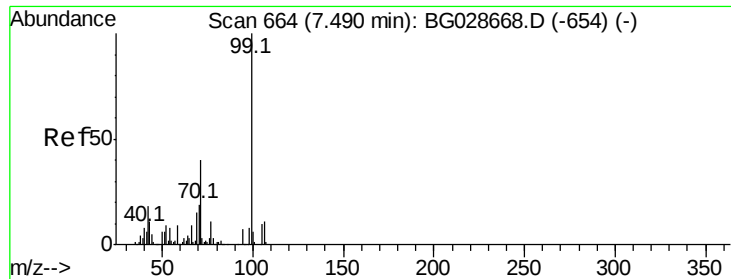


#5

2-Fluorophenol
Concen: 46.289 ng
RT: 5.85 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028903.D
Acq: 23 Sep 2017 18:18

Tgt Ion:112 Resp: 74784
Ion Ratio Lower Upper
112 100
64 70.1 61.8 92.6
63 40.1 37.2 55.8





#7

Phenol-d6

Concen: 26.196 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028903.D

Acq: 23 Sep 2017 18:18

Instrument :

BNA_G

ClientSampleId :

091817-SIDI-F-D-S

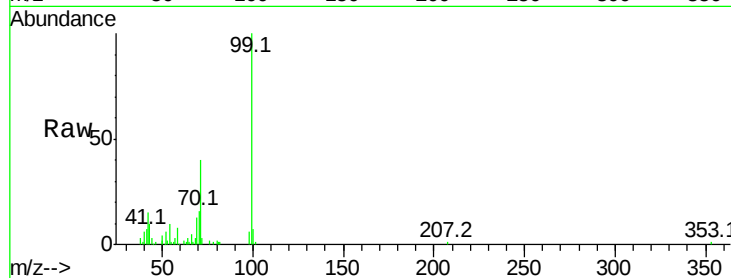
Tot Ion: 99 Resp: 63720

Ion Ratio Lower Upper

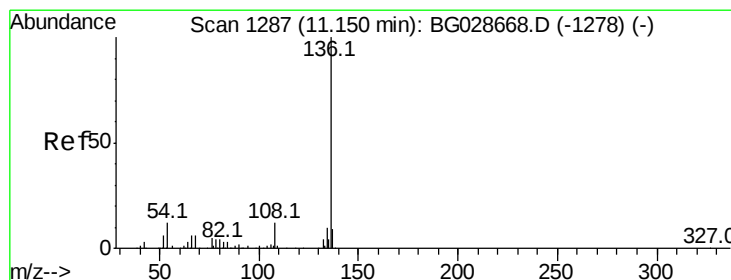
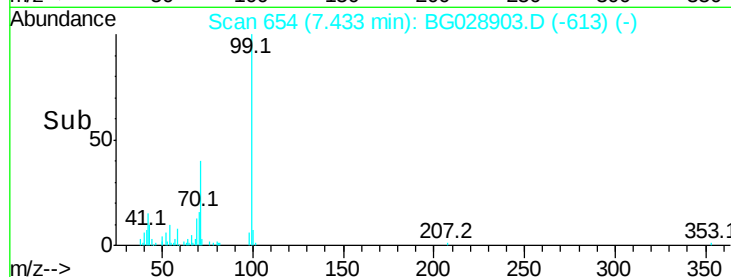
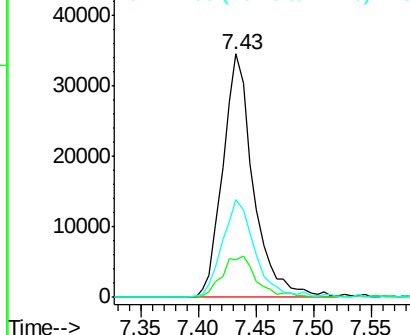
99 100

42 15.3 20.5 30.7#

71 40.2 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028903.D

Acq: 23 Sep 2017 18:18

Tgt Ion: 136 Resp: 102572

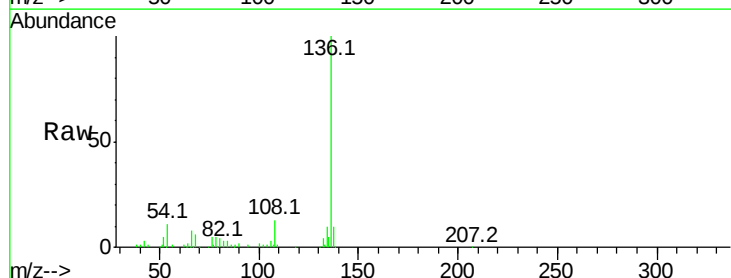
Ion Ratio Lower Upper

136 100

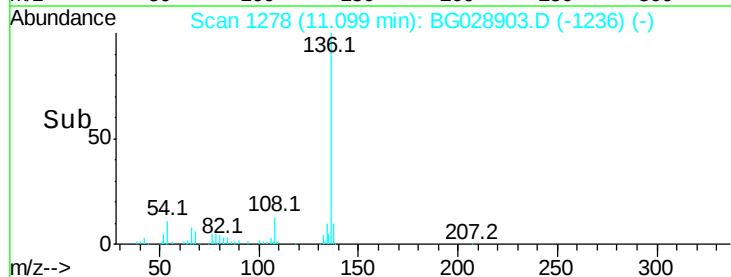
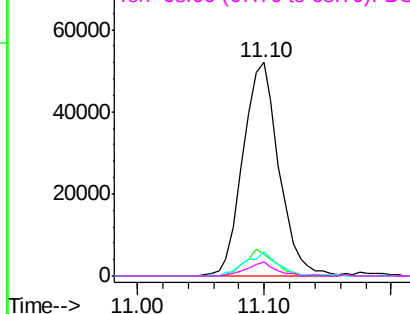
137 10.0 8.9 13.3

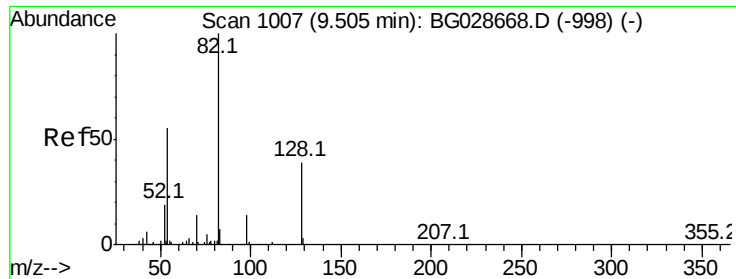
54 11.2 9.3 13.9

68 6.3 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 102.051 ng

RT: 9.45 min Scan# 997

Delta R.T. -0.06 min

Lab File: BG028903.D

Acq: 23 Sep 2017 18:18

Instrument :

BNA_G

ClientSampleId :

091817-SIDI-F-D-S

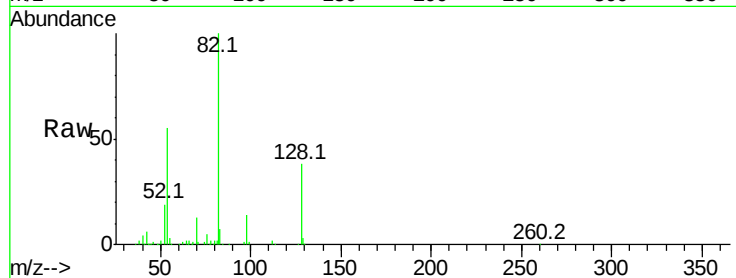
Tot Ion: 82 Resp: 218816

Ion Ratio Lower Upper

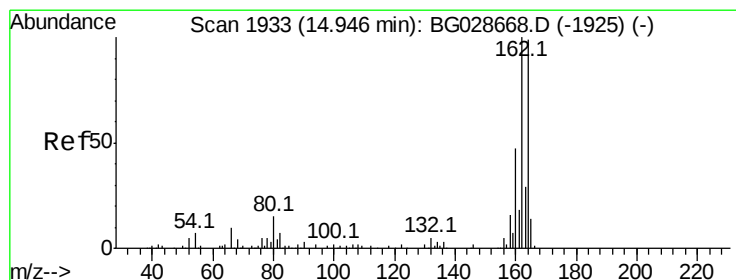
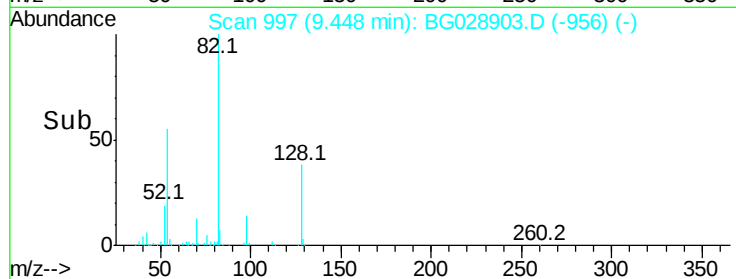
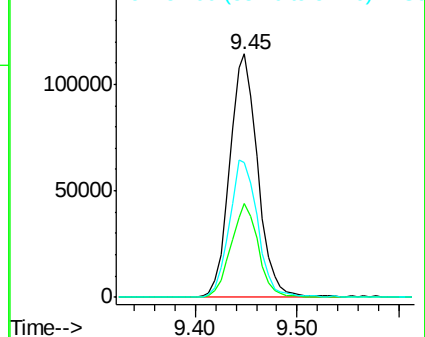
82 100

128 38.4 26.4 39.6

54 55.3 49.4 74.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028903.D

Acq: 23 Sep 2017 18:18

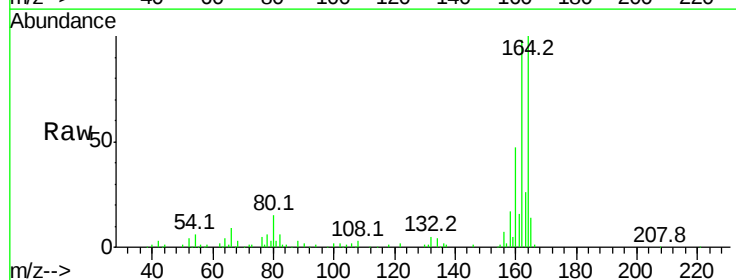
Tgt Ion: 164 Resp: 74644

Ion Ratio Lower Upper

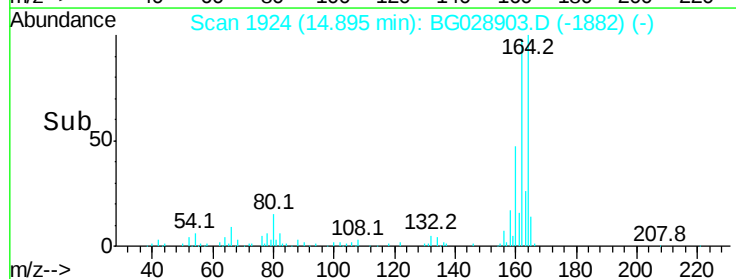
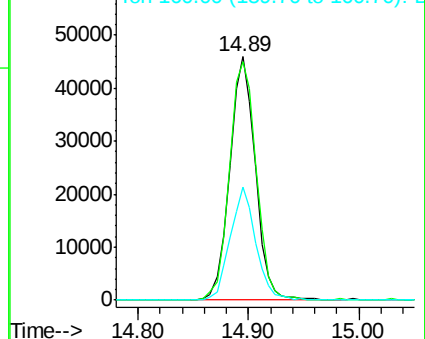
164 100

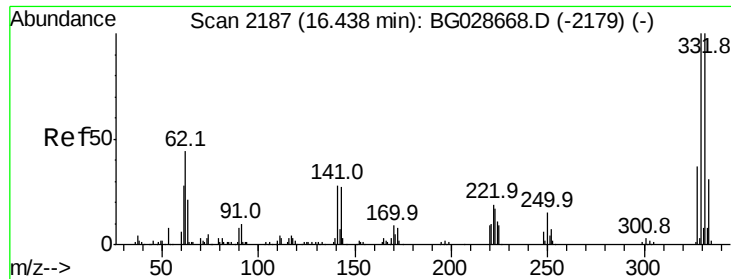
162 97.9 85.1 127.7

160 46.7 34.7 52.1



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

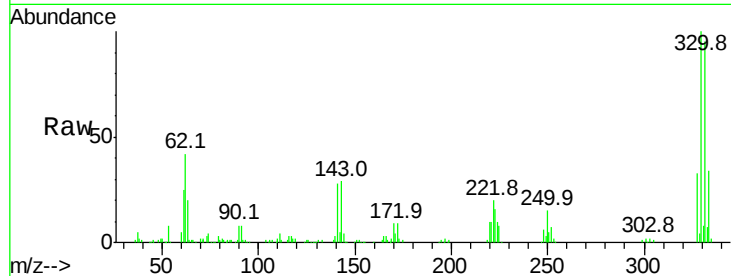




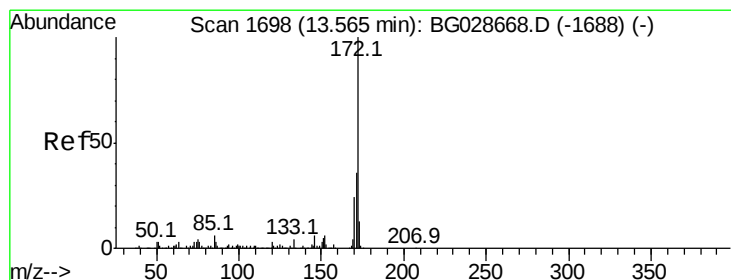
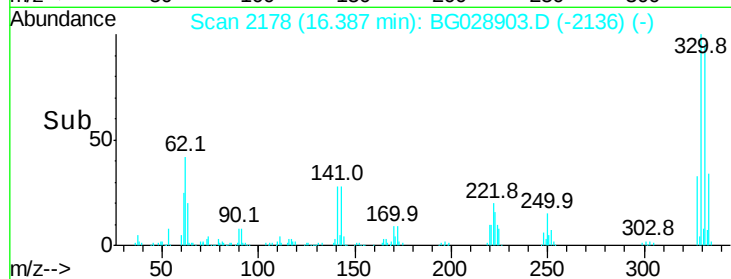
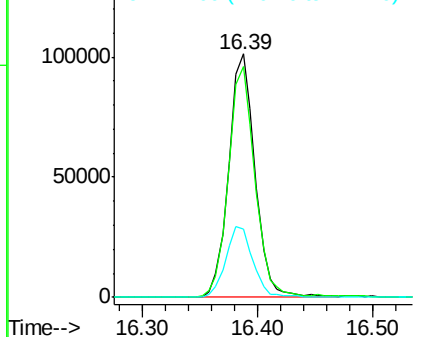
#41
 2,4,6-Tribromophenol
 Concen: 129.384 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028903.D
 Acq: 23 Sep 2017 18:18

Instrument :
 BNA_G
 ClientSampleId :
 091817-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	30.4	32.1	48.1#

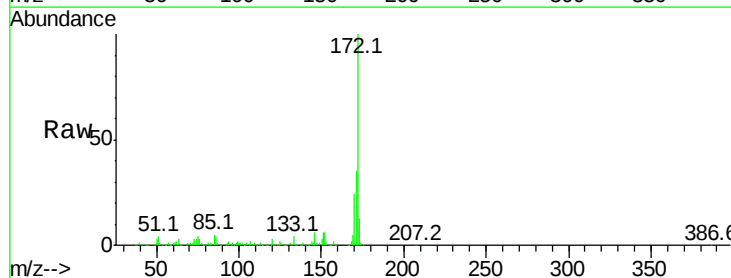


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

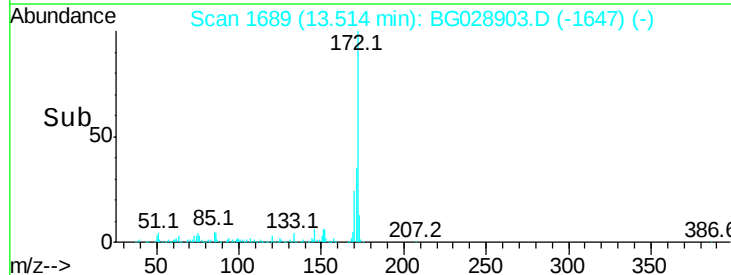
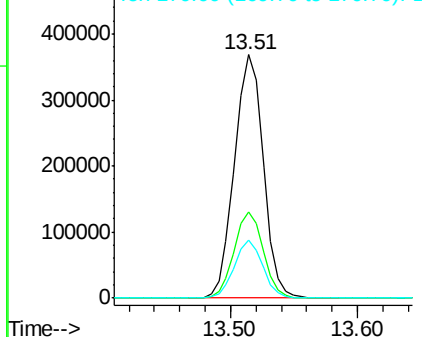


#44
 2-Fluorobiphenyl
 Concen: 103.666 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028903.D
 Acq: 23 Sep 2017 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	32.2	48.2
170	23.6	21.8	32.6



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

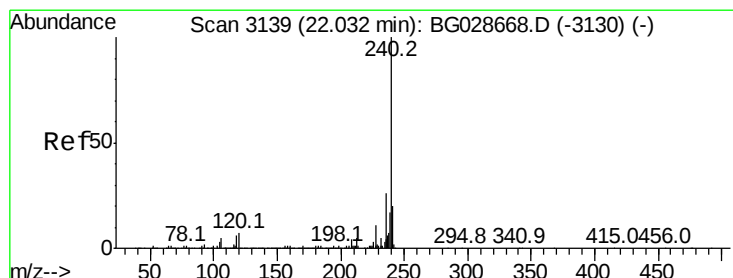
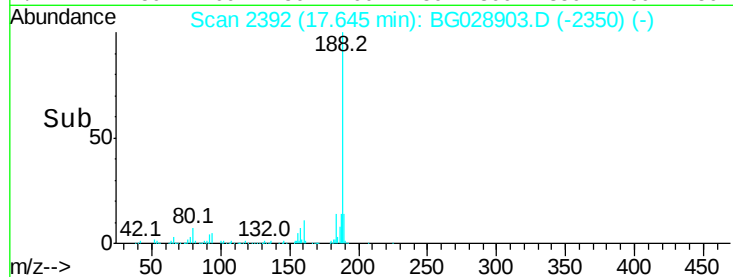
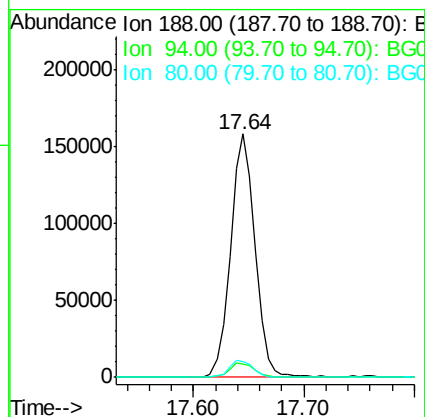
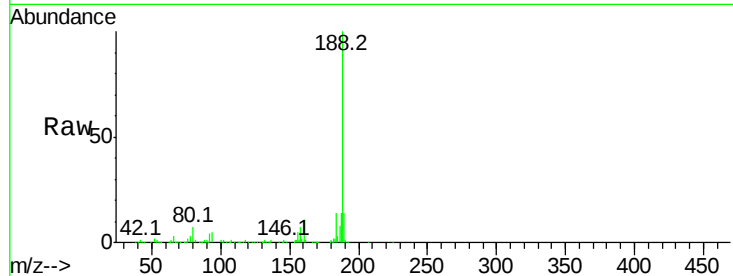




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028903.D
Acq: 23 Sep 2017 18:18

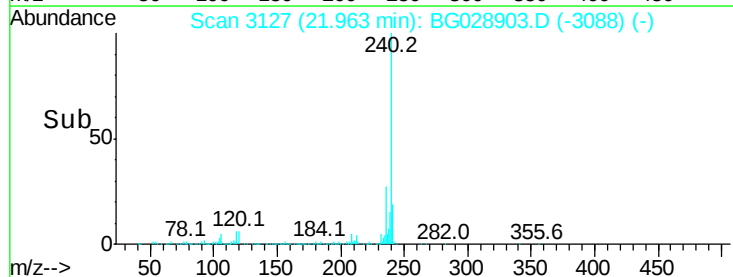
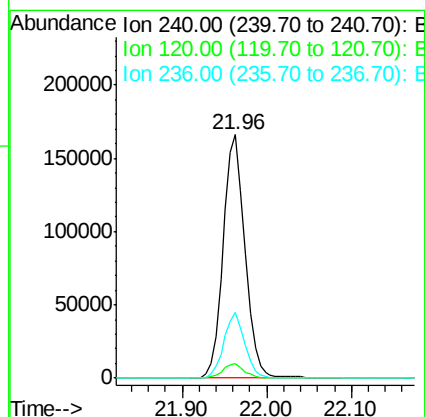
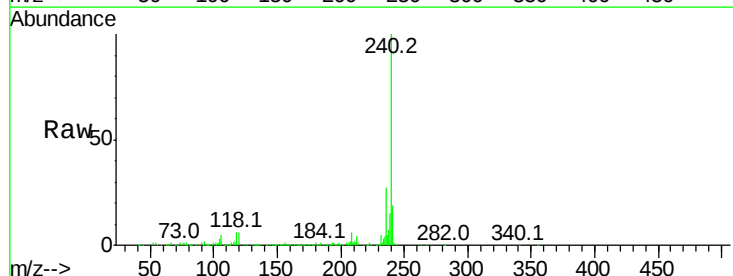
Instrument :
BNA_G
ClientSampleId :
091817-SIDI-F-D-S

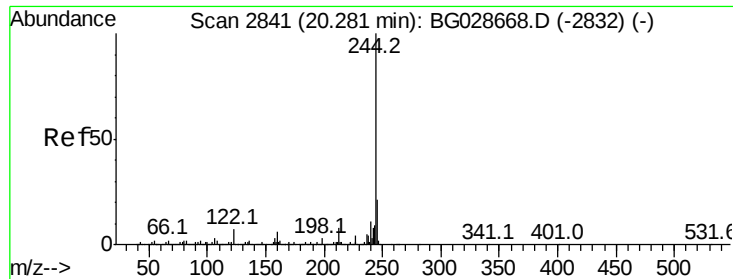
Tot Ion:188 Resp: 245588
Ion Ratio Lower Upper
188 100
94 5.5 5.8 8.8#
80 6.7 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028903.D
Acq: 23 Sep 2017 18:18

Tgt Ion:240 Resp: 297307
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 26.8 22.2 33.4





#78

Terphenyl-d14

Concen: 98.035 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028903.D

Acq: 23 Sep 2017 18:18

Instrument :

BNA_G

ClientSampleId :

091817-SIDI-F-D-S

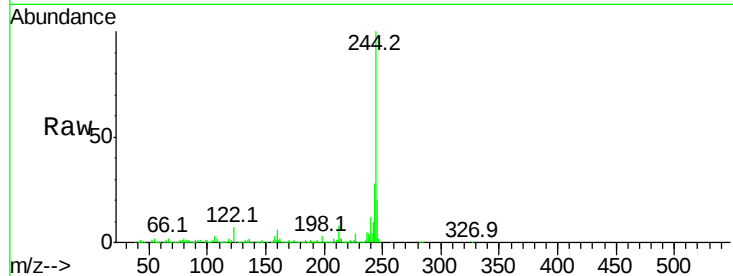
Tot Ion:244 Resp: 1366734

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

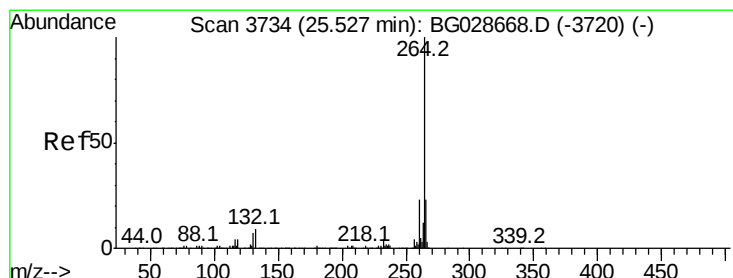
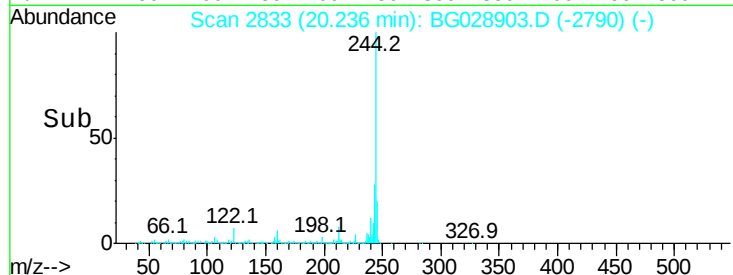
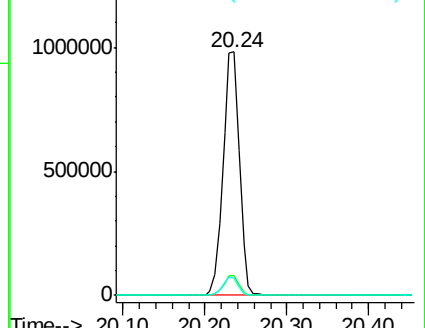
122 7.2 8.6 12.8#



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: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028903.D

Acq: 23 Sep 2017 18:18

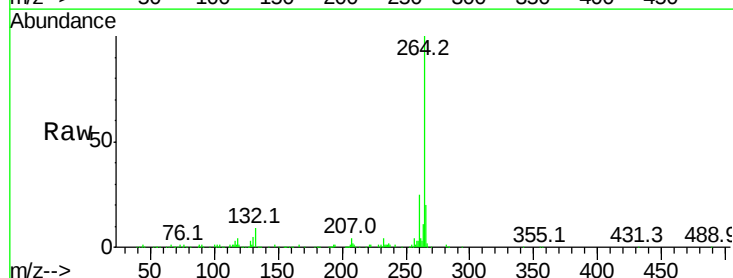
Tgt Ion:264 Resp: 307493

Ion Ratio Lower Upper

264 100

260 25.2 21.8 32.8

265 19.9 18.2 27.4



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

