

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028760.D
 Acq On : 15 Sep 2017 9:16
 Operator : SJ/JU
 Sample : I5223-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090917-SIDI-E-D-S

Quant Time: Sep 15 11:44:19 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	8.32	152	30408	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	114543	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	92008	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	263831	20.00	ng	0.00
75) Chrysene-d12	22.02	240	286227	20.00	ng	-0.01
86) Perylene-d12	25.52	264	291300	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	110610	60.02	ng	0.00
7) Phenol-d6	7.48	99	124071	44.72	ng	-0.01
23) Nitrobenzene-d5	9.50	82	204722	85.50	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	137328	90.24	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	560022	81.16	ng	0.00
78) Terphenyl-d14	20.27	244	1102559	82.15	ng	0.00

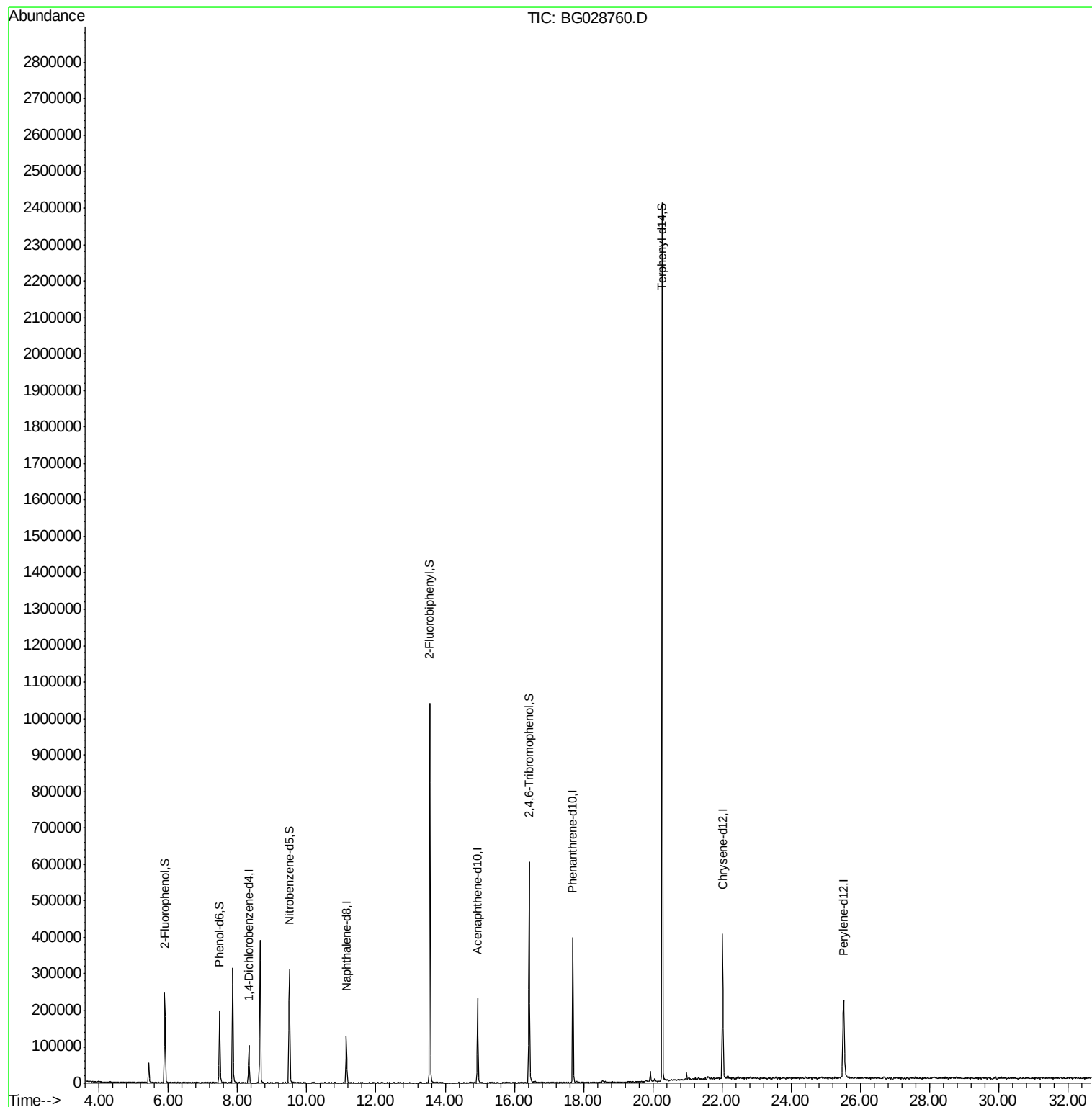
Target Compounds Qvalue

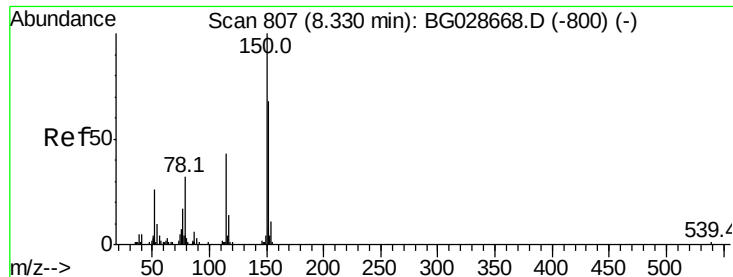
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
Data File : BG028760.D
Acq On : 15 Sep 2017 9:16
Operator : SJ/JU
Sample : I5223-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
090917-SIDI-E-D-S

Quant Time: Sep 15 11:44:19 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: 8.32 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-D-S

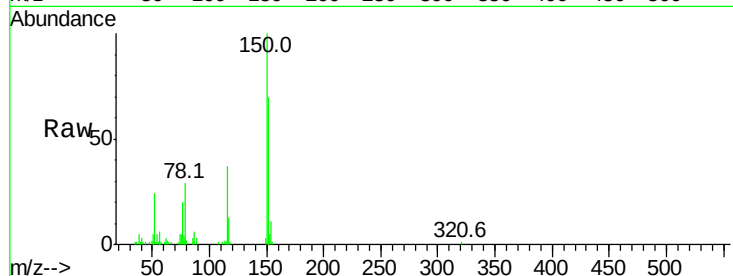
Tot Ion:152 Resp: 30408

Ion Ratio Lower Upper

152 100

150 143.1 114.0 171.0

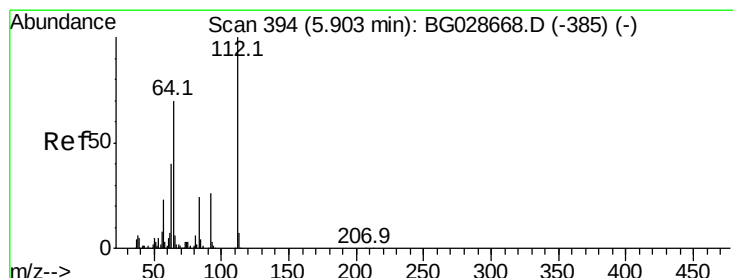
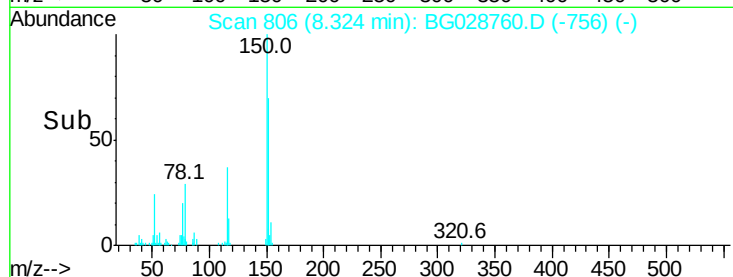
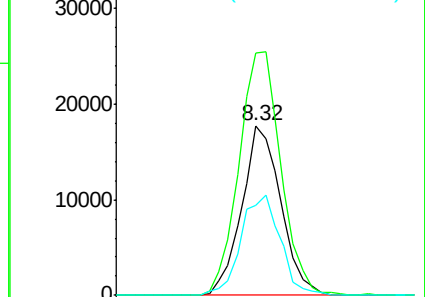
115 52.9 48.1 72.1



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: 60.021 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

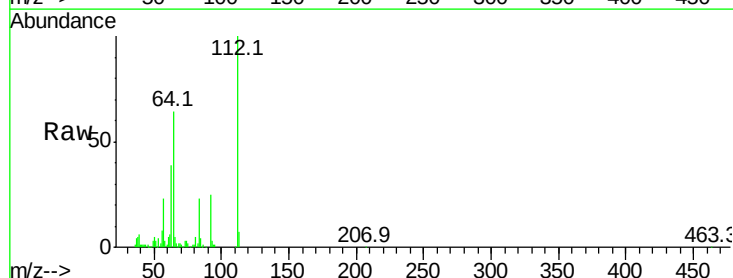
Tgt Ion:112 Resp: 110610

Ion Ratio Lower Upper

112 100

64 64.4 61.8 92.6

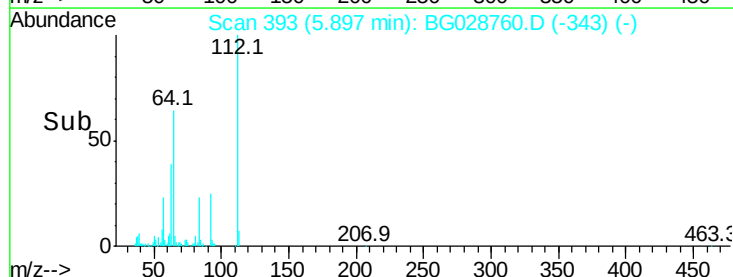
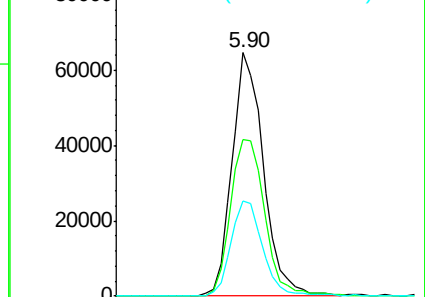
63 39.2 37.2 55.8

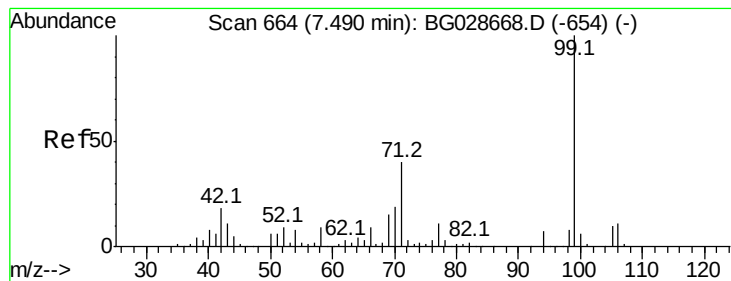


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.716 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-D-S

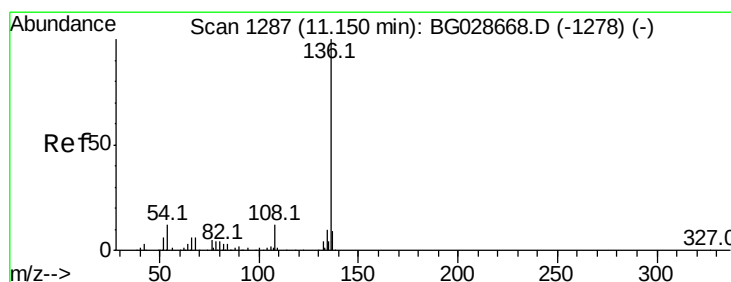
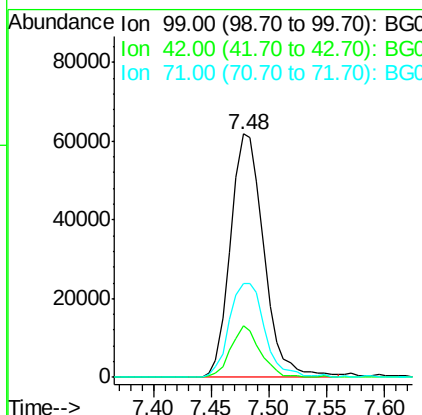
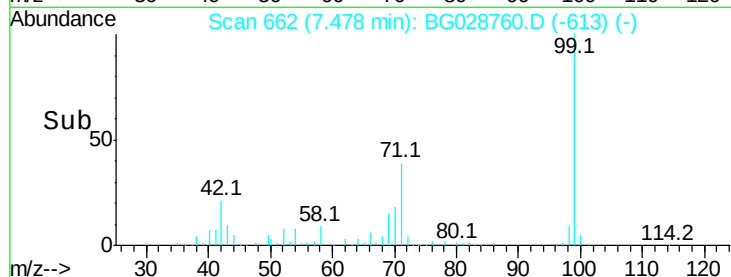
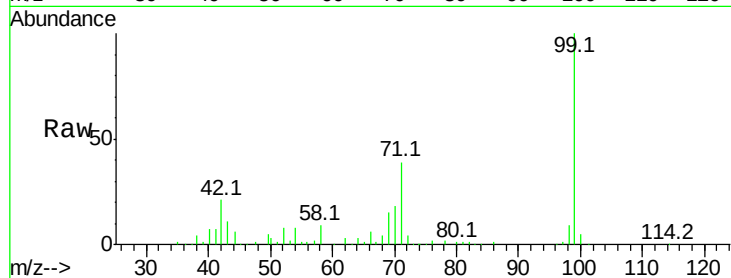
Tot Ion: 99 Resp: 124071

Ion Ratio Lower Upper

99 100

42 21.2 20.5 30.7

71 38.5 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

Tgt Ion: 136 Resp: 114543

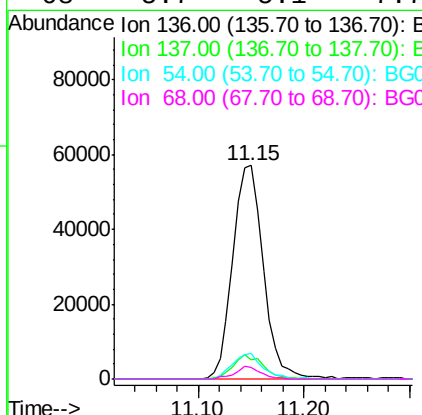
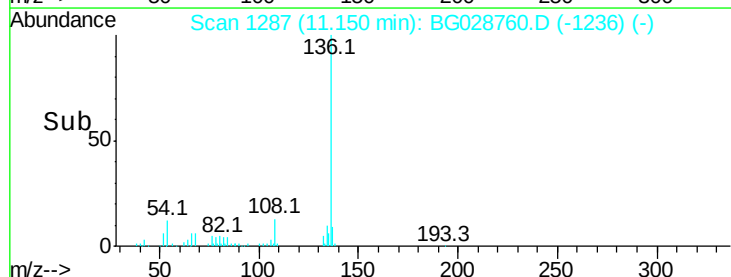
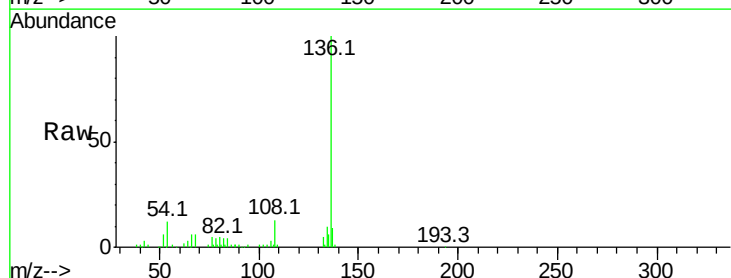
Ion Ratio Lower Upper

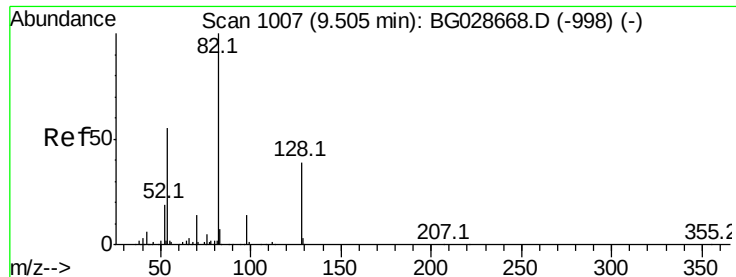
136 100

137 9.2 8.9 13.3

54 12.1 9.3 13.9

68 5.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 85.499 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-D-S

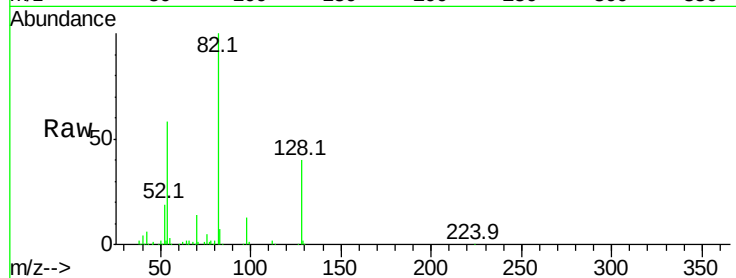
Tot Ion: 82 Resp: 204722

Ion Ratio Lower Upper

82 100

128 40.0 26.4 39.6#

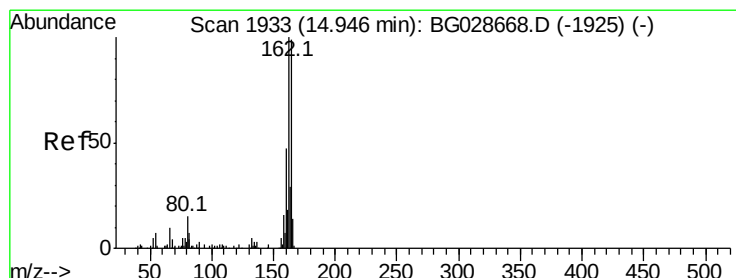
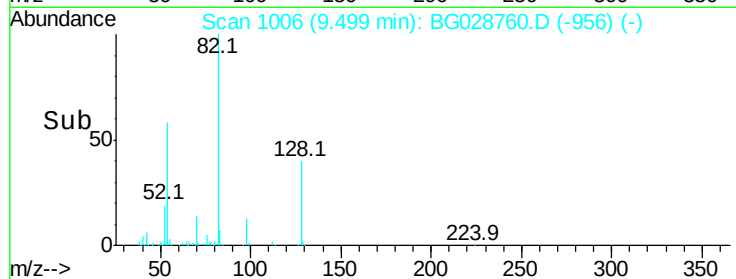
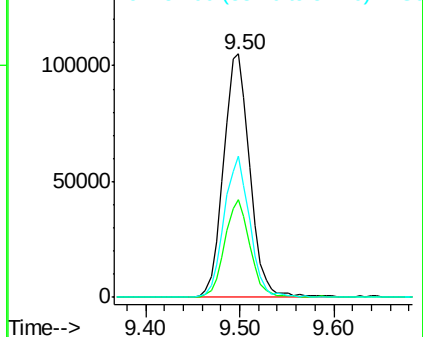
54 57.8 49.4 74.2



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: 14.93 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

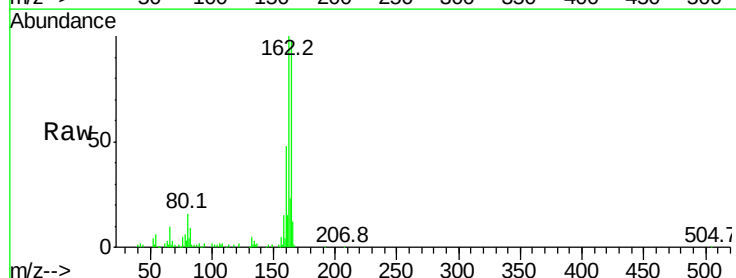
Tgt Ion: 164 Resp: 92008

Ion Ratio Lower Upper

164 100

162 101.7 85.1 127.7

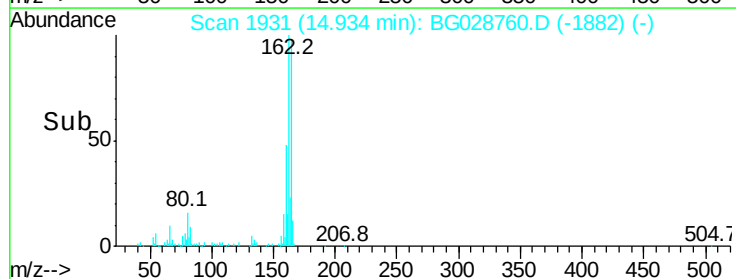
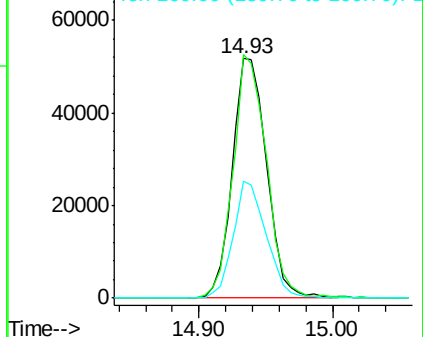
160 48.6 34.7 52.1

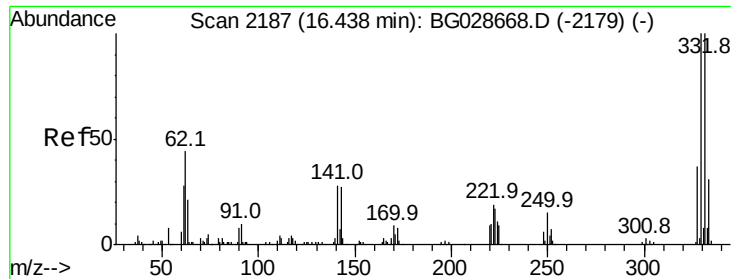


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

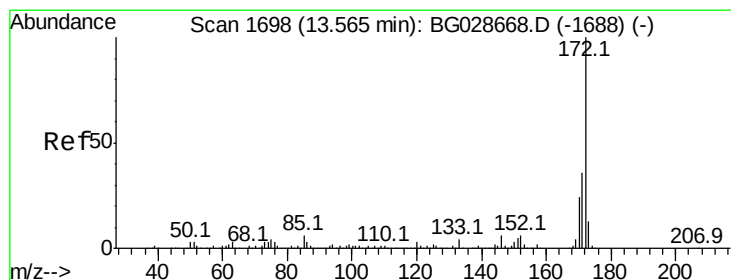
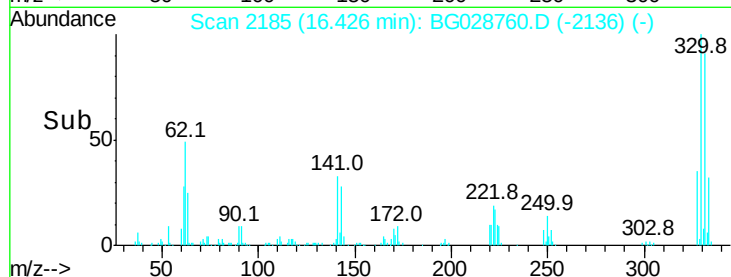
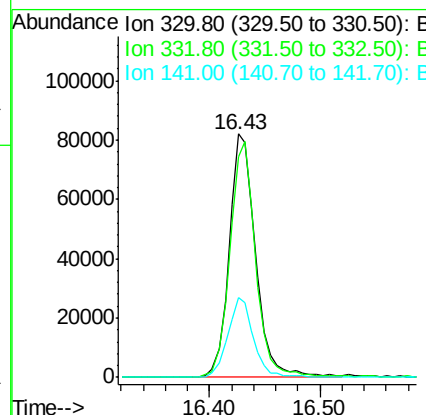
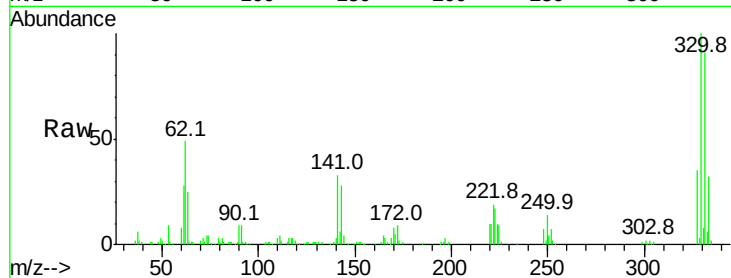




#41
 2,4,6-Tribromophenol
 Concen: 90.243 ng
 RT: 16.43 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028760.D
 Acq: 15 Sep 2017 9:16

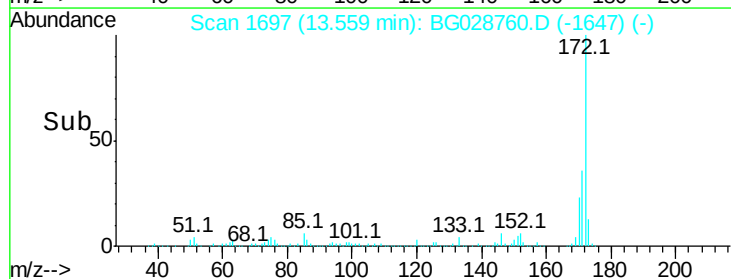
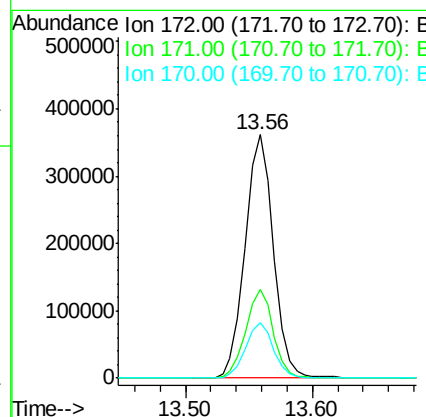
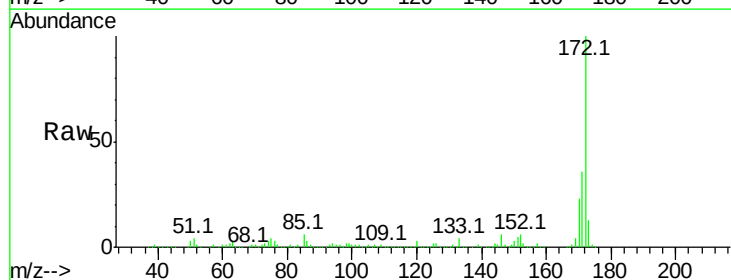
Instrument :
 BNA_G
 ClientSampleId :
 090917-SIDI-E-D-S

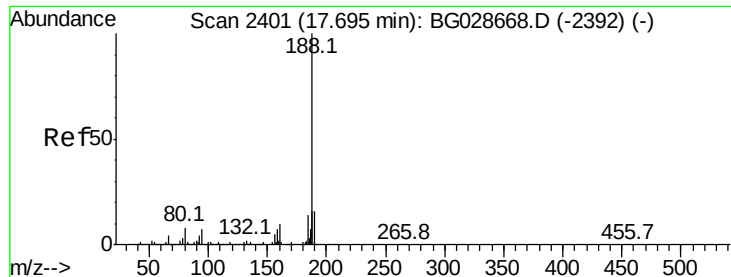
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.3	115.9
141	31.3	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 81.161 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028760.D
 Acq: 15 Sep 2017 9:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	22.7	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-D-S

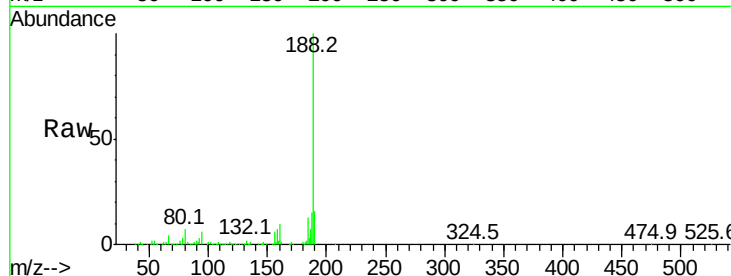
Tot Ion:188 Resp: 263831

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

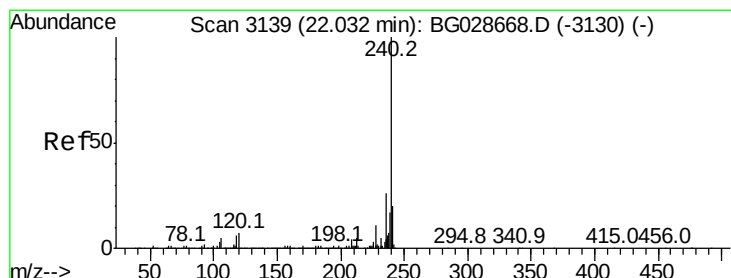
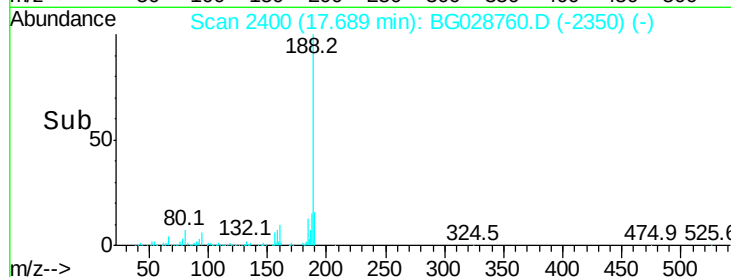
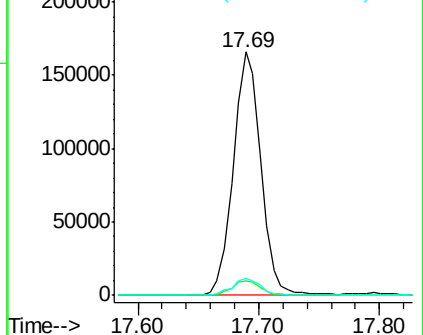
80 6.8 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

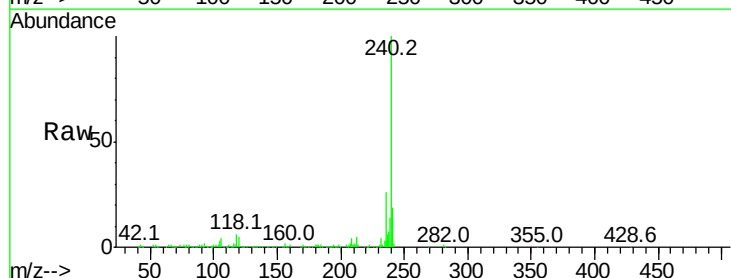
Tgt Ion:240 Resp: 286227

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

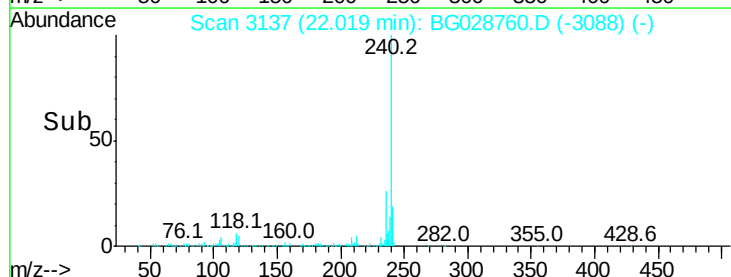
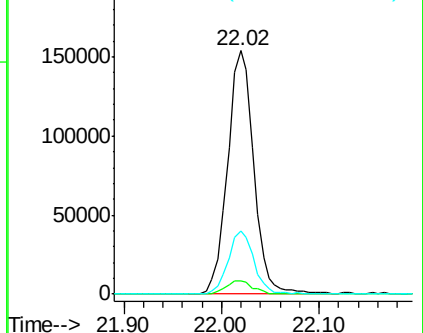
236 25.7 22.2 33.4

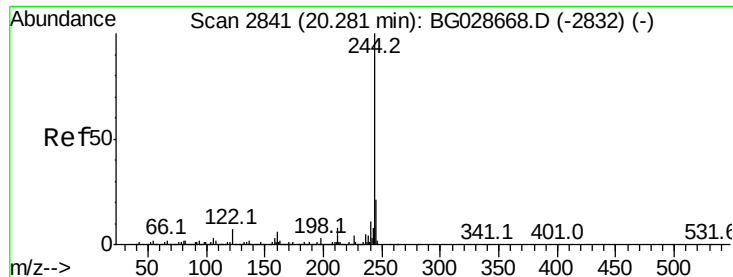


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.147 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-D-S

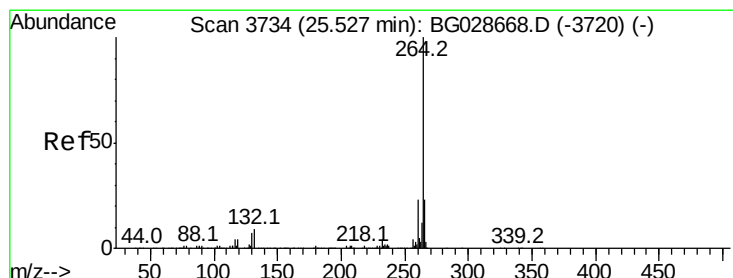
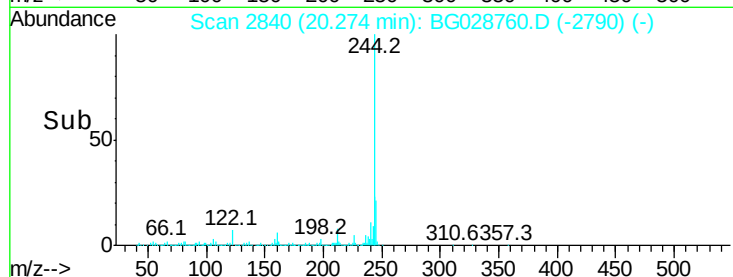
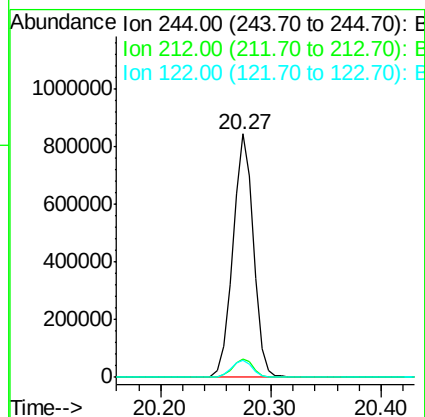
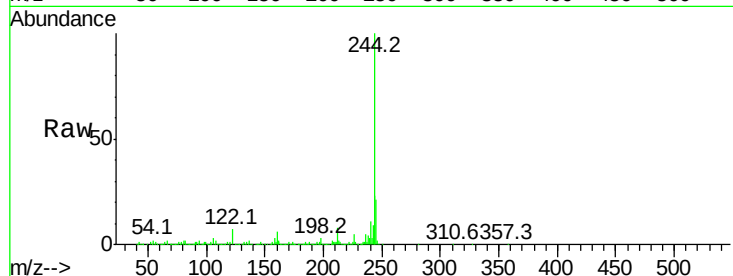
Tot Ion:244 Resp: 1102559

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 7.0 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

Tgt Ion:264 Resp: 291300

Ion Ratio Lower Upper

264 100

260 22.4 21.8 32.8

265 22.7 18.2 27.4

