

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028753.D
 Acq On : 15 Sep 2017 4:39
 Operator : SJ/JU
 Sample : I5224-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091117-SIDI-E-U-B

Quant Time: Sep 15 07:57:01 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	8.33	152	33539	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	136214	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	100478	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	277498	20.00	ng	0.00
75) Chrysene-d12	22.02	240	313269	20.00	ng	-0.01
86) Perylene-d12	25.52	264	318794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	111388	54.80	ng	0.00
7) Phenol-d6	7.48	99	130176	42.54	ng	0.00
23) Nitrobenzene-d5	9.50	82	206136	72.39	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	124696	75.03	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	562283	74.62	ng	0.00
78) Terphenyl-d14	20.27	244	1041115	70.87	ng	0.00

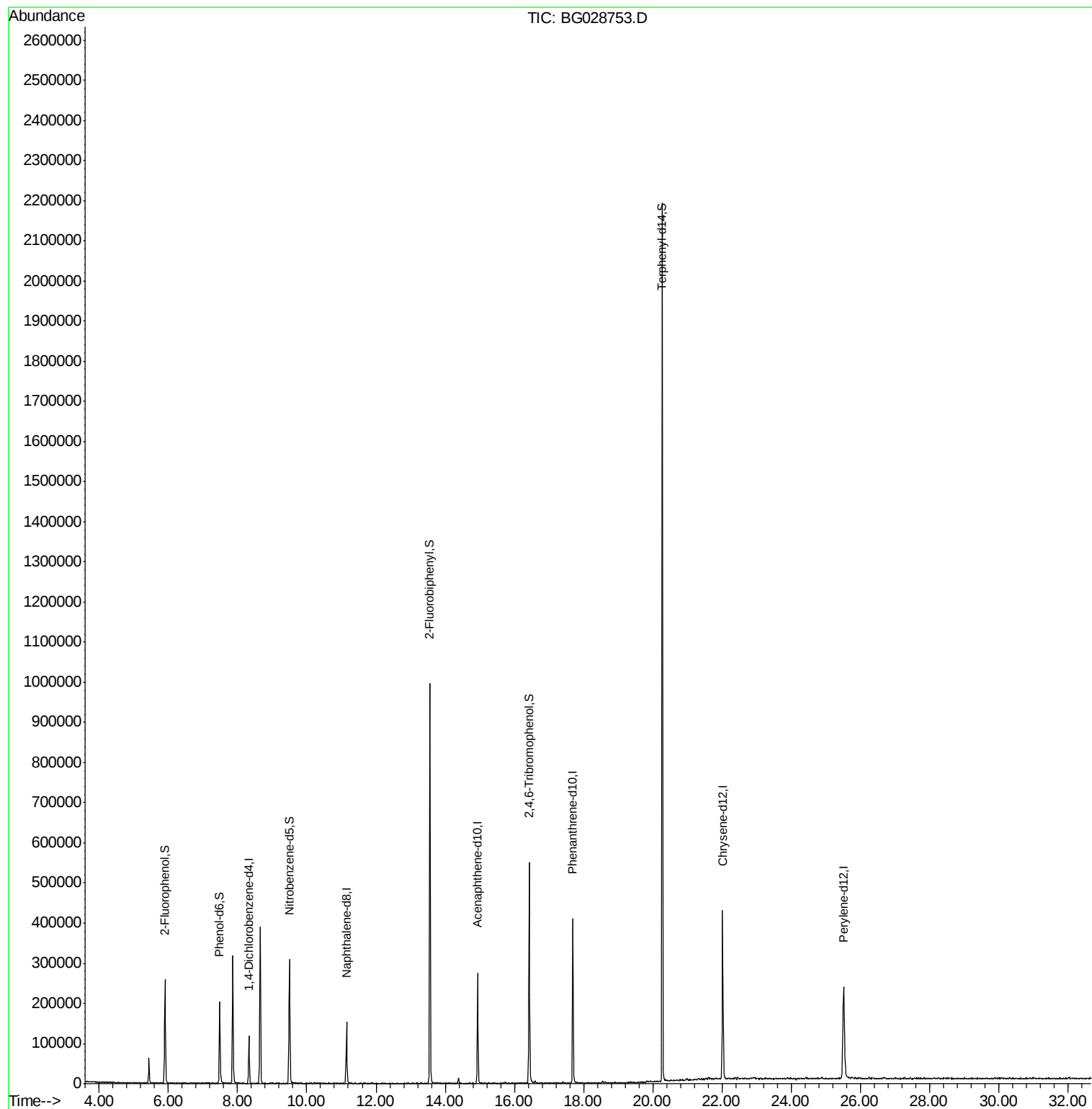
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028753.D

Acq: 15 Sep 2017 4:39

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-U-B

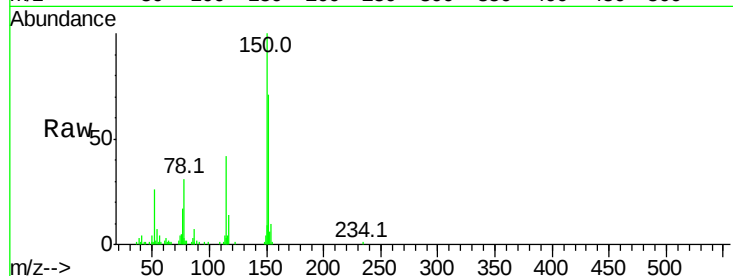
Tot Ion:152 Resp: 33539

Ion Ratio Lower Upper

152 100

150 141.4 114.0 171.0

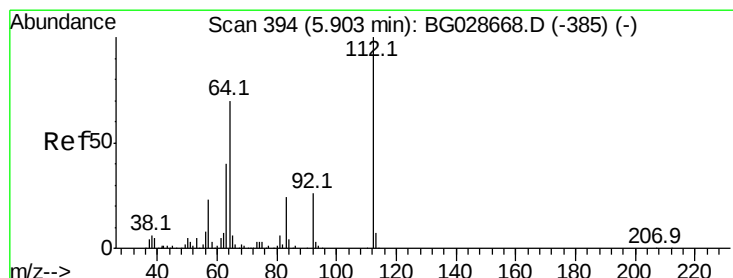
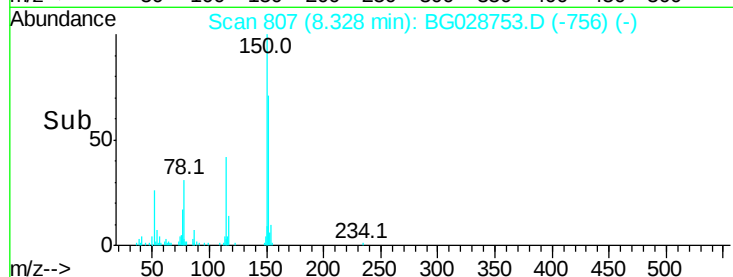
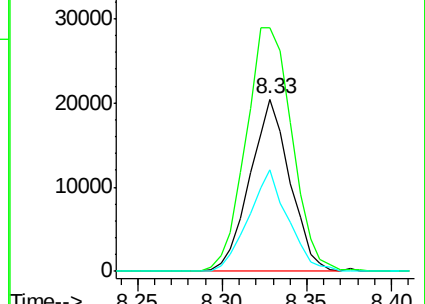
115 58.9 48.1 72.1



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: 54.801 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028753.D

Acq: 15 Sep 2017 4:39

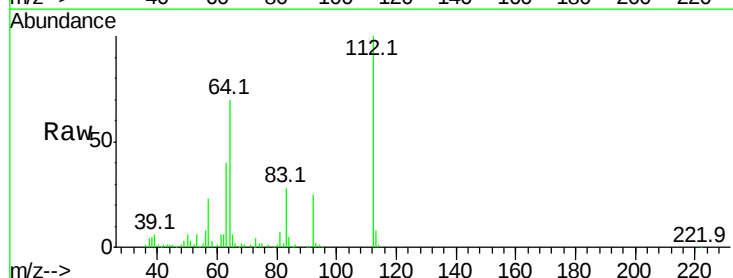
Tgt Ion:112 Resp: 111388

Ion Ratio Lower Upper

112 100

64 69.6 61.8 92.6

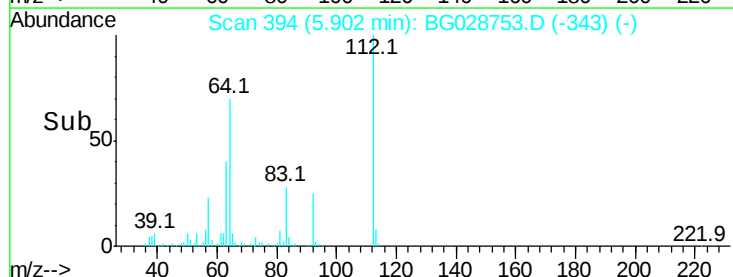
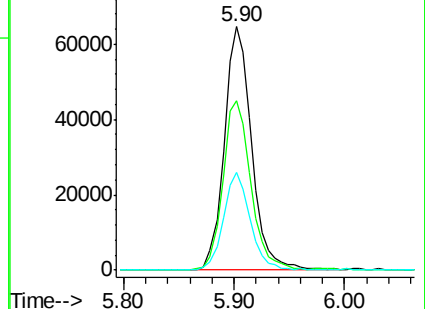
63 40.2 37.2 55.8

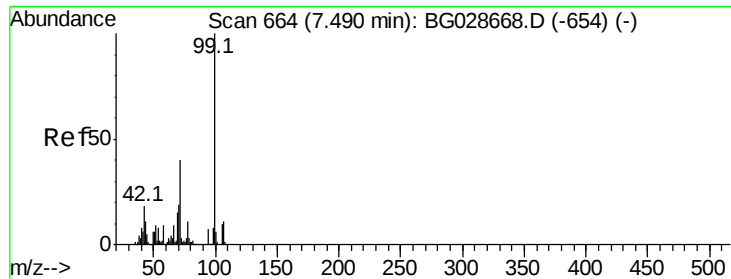


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.537 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028753.D

Acq: 15 Sep 2017 4:39

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-U-B

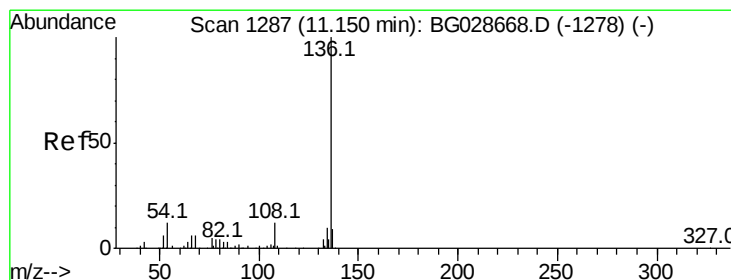
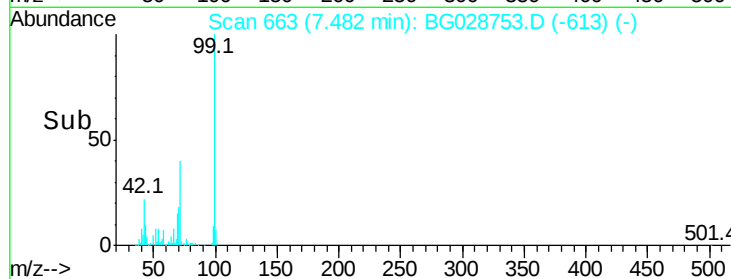
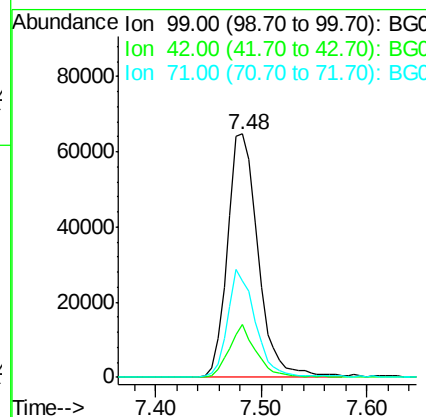
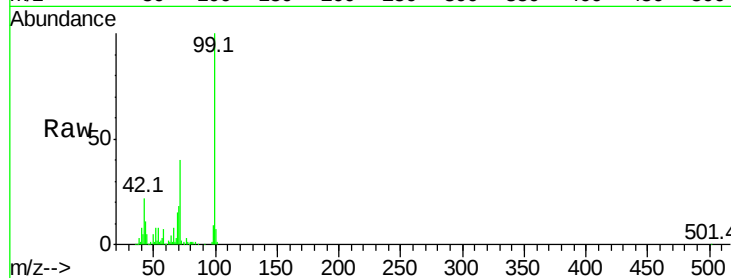
Tot Ion: 99 Resp: 130176

Ion Ratio Lower Upper

99 100

42 21.5 20.5 30.7

71 39.8 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: BG028753.D

Acq: 15 Sep 2017 4:39

Tgt Ion: 136 Resp: 136214

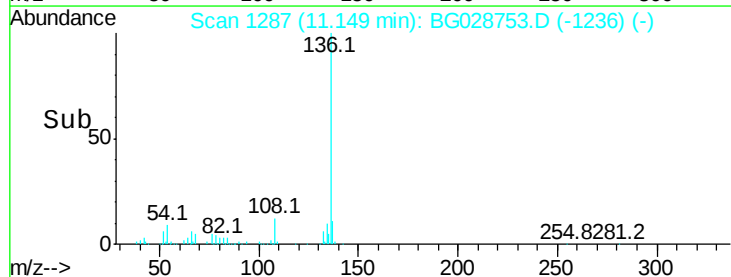
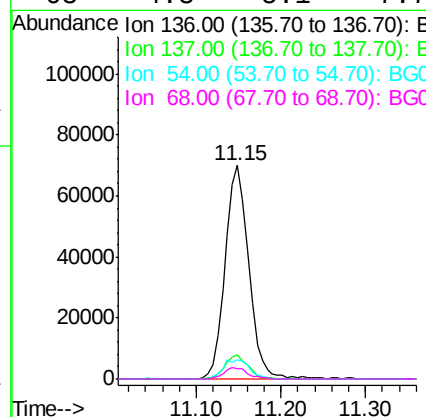
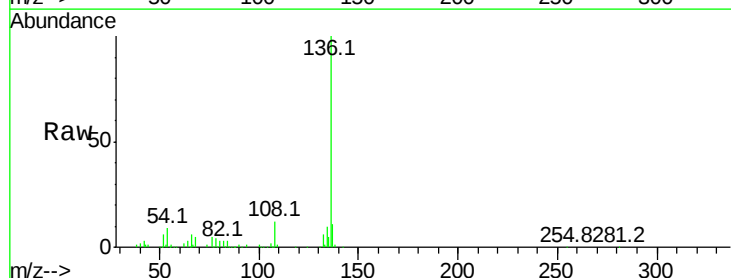
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.3 9.3 13.9

68 4.8 5.1 7.7#

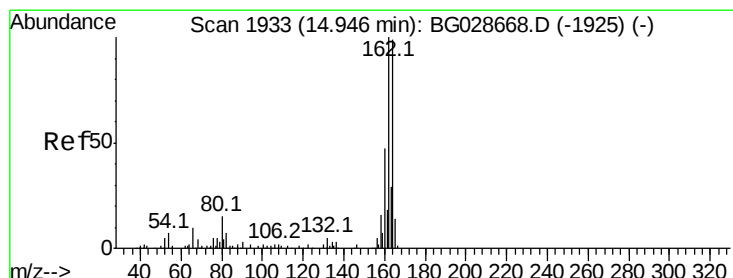
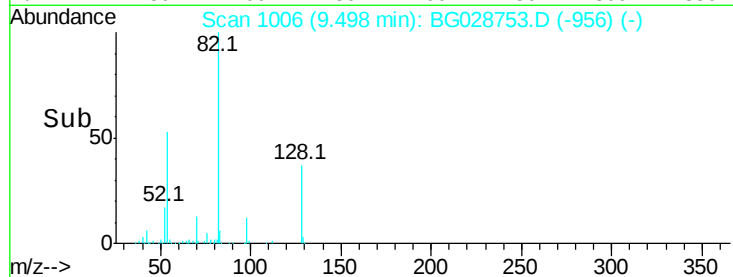
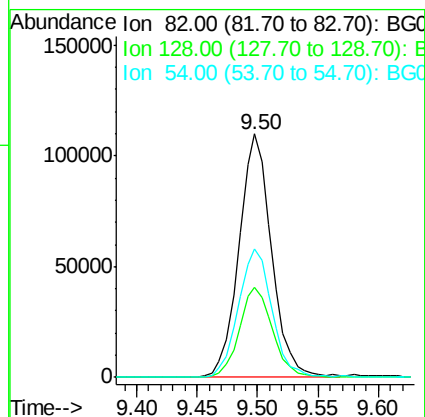
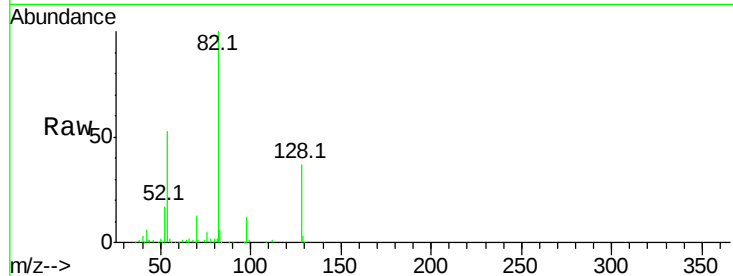




#23
Nitrobenzene-d5
Concen: 72.394 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028753.D
Acq: 15 Sep 2017 4:39

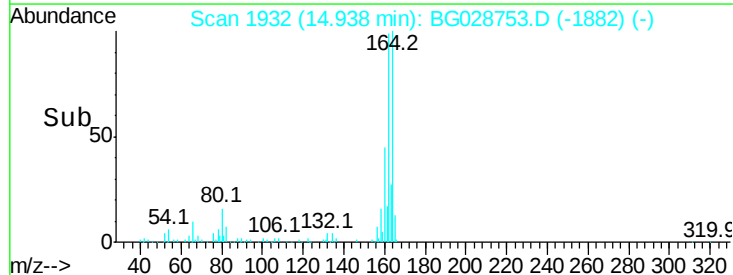
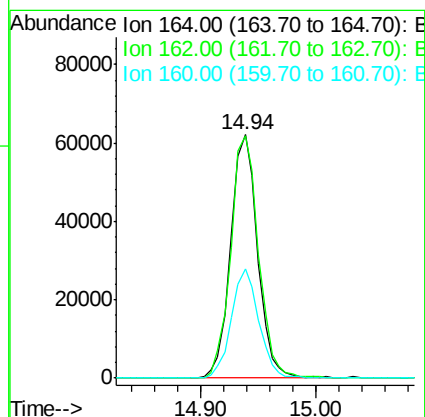
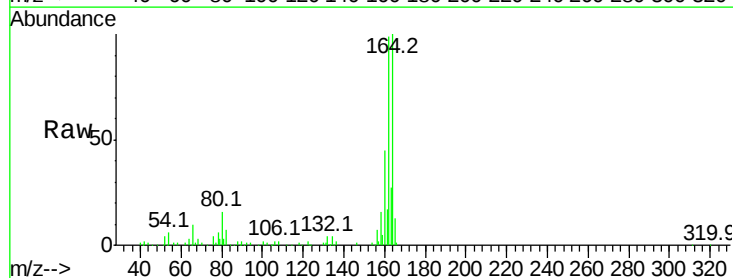
Instrument :
BNA_G
ClientSampleId :
091117-SIDI-E-U-B

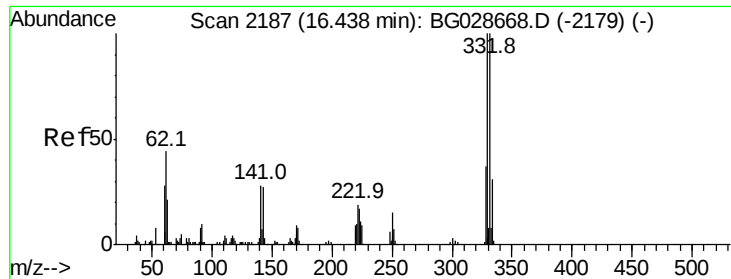
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	26.4	39.6
54	53.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028753.D
Acq: 15 Sep 2017 4:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	85.1	127.7
160	44.9	34.7	52.1

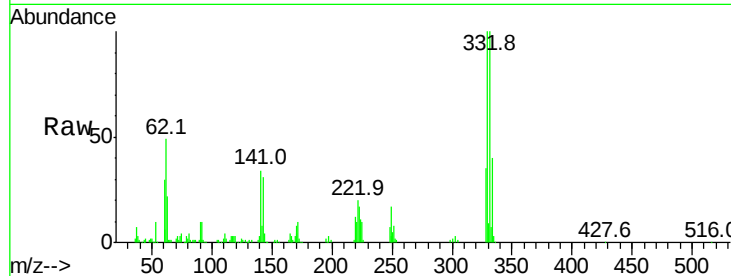




#41
 2,4,6-Tribromophenol
 Concen: 75.035 ng
 RT: 16.42 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028753.D
 Acq: 15 Sep 2017 4:39

Instrument :
 BNA_G
 ClientSampleId :
 091117-SIDI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.3	115.9
141	31.7	32.1	48.1#

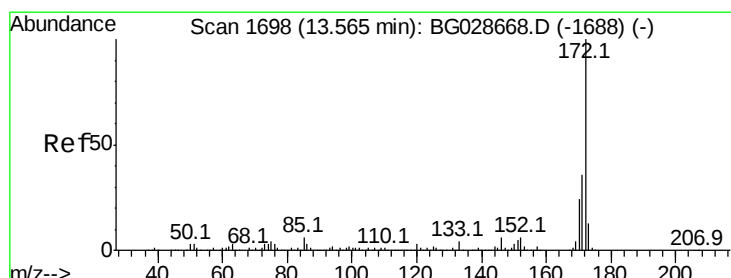
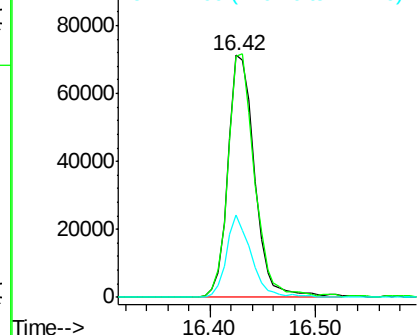
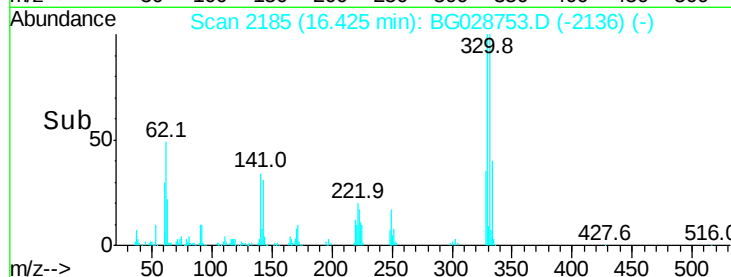


Abundance

Ion 329.80 (329.50 to 330.50): E

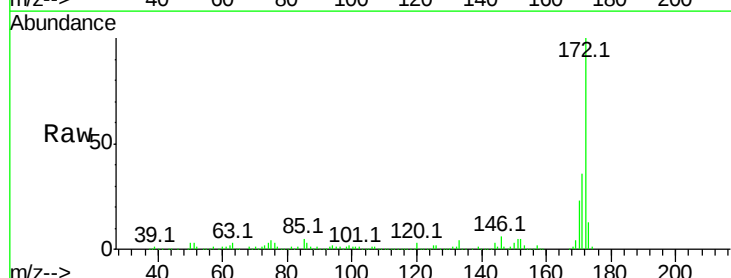
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.619 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028753.D
 Acq: 15 Sep 2017 4:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	22.8	21.8	32.6

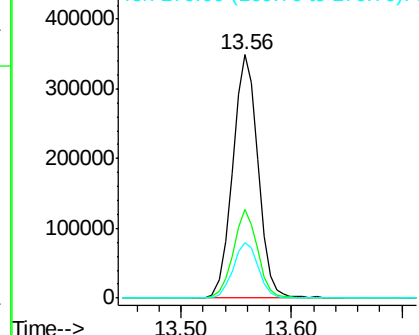
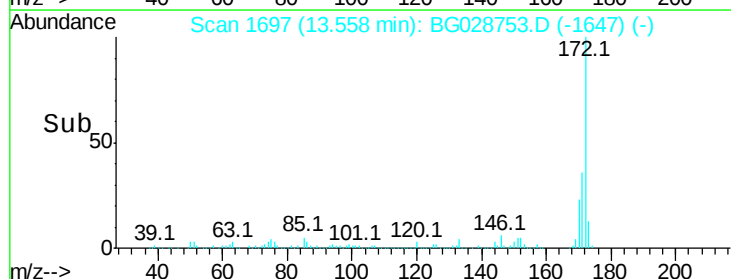


Abundance

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: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028753.D

Acq: 15 Sep 2017 4:39

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-U-B

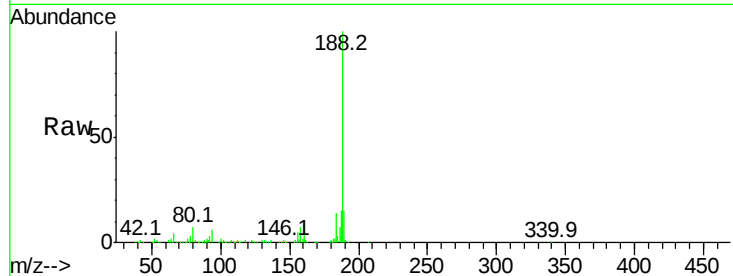
Tot Ion:188 Resp: 277498

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

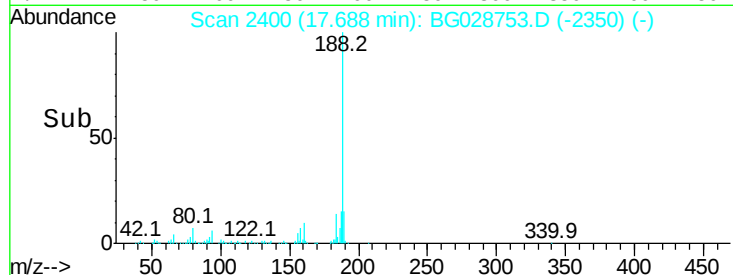
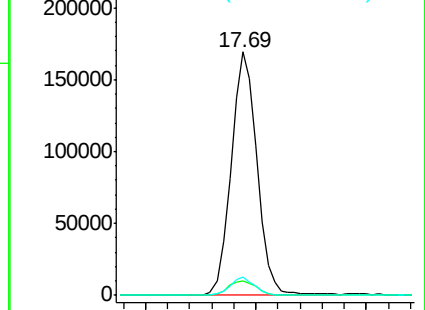
80 7.4 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028753.D

Acq: 15 Sep 2017 4:39

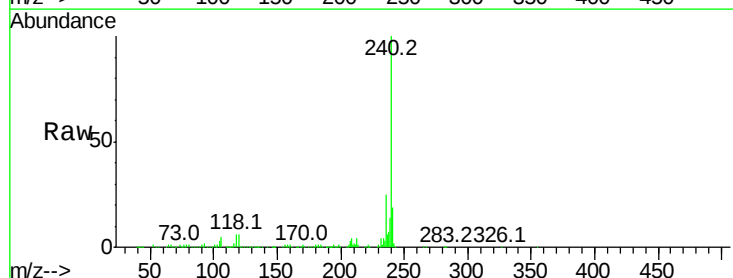
Tgt Ion:240 Resp: 313269

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

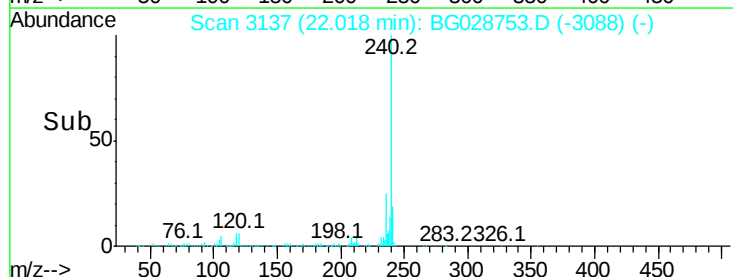
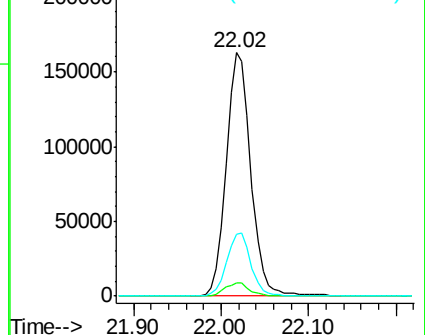
236 25.4 22.2 33.4

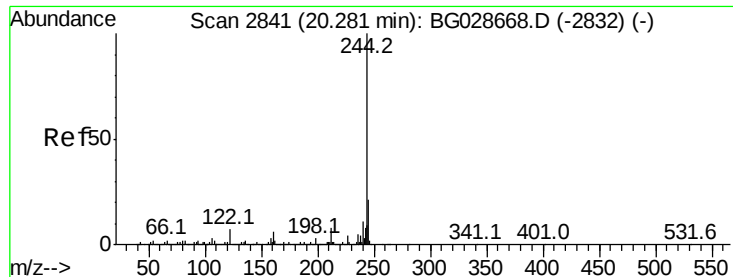


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.873 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028753.D

Acq: 15 Sep 2017 4:39

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-U-B

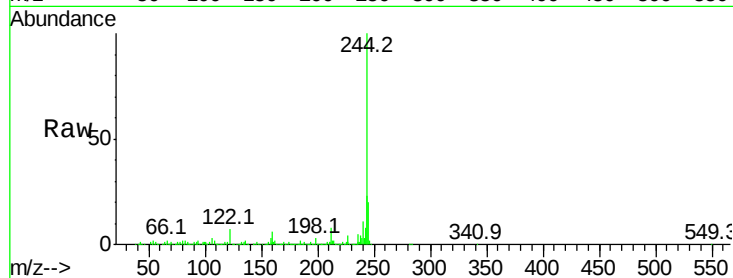
Tot Ion:244 Resp: 1041115

Ion Ratio Lower Upper

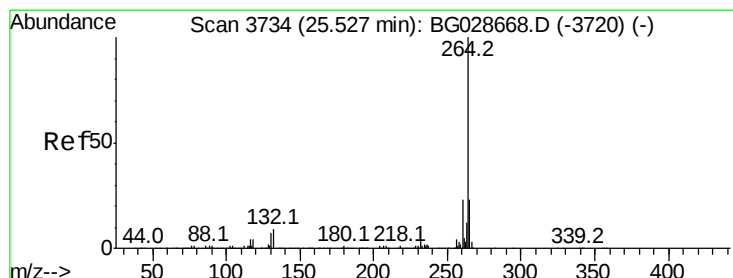
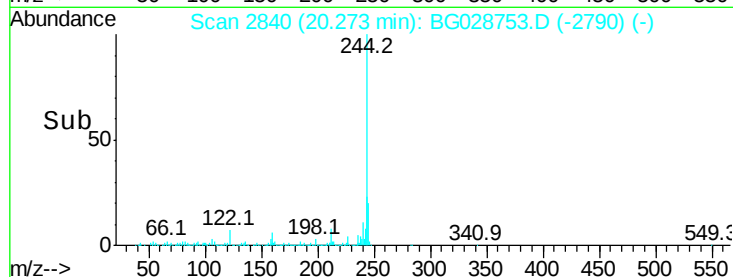
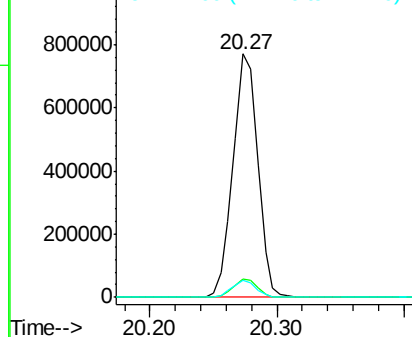
244 100

212 7.5 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: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028753.D

Acq: 15 Sep 2017 4:39

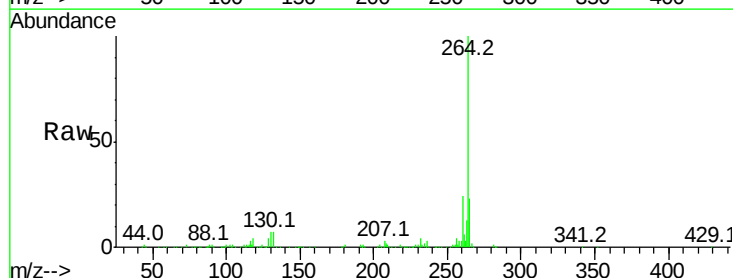
Tgt Ion:264 Resp: 318794

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 23.0 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

