

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028755.D
 Acq On : 15 Sep 2017 5:58
 Operator : SJ/JU
 Sample : I5224-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 15 07:57:37 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	31459	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	125355	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	98904	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	263330	20.00	ng	0.00
75) Chrysene-d12	22.02	240	295782	20.00	ng	0.00
86) Perylene-d12	25.52	264	298532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	112536	59.03	ng	0.00
7) Phenol-d6	7.48	99	130154	45.34	ng	0.00
23) Nitrobenzene-d5	9.50	82	222553	84.93	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	135426	82.79	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	607194	81.86	ng	0.00
78) Terphenyl-d14	20.28	244	1124064	81.04	ng	0.00

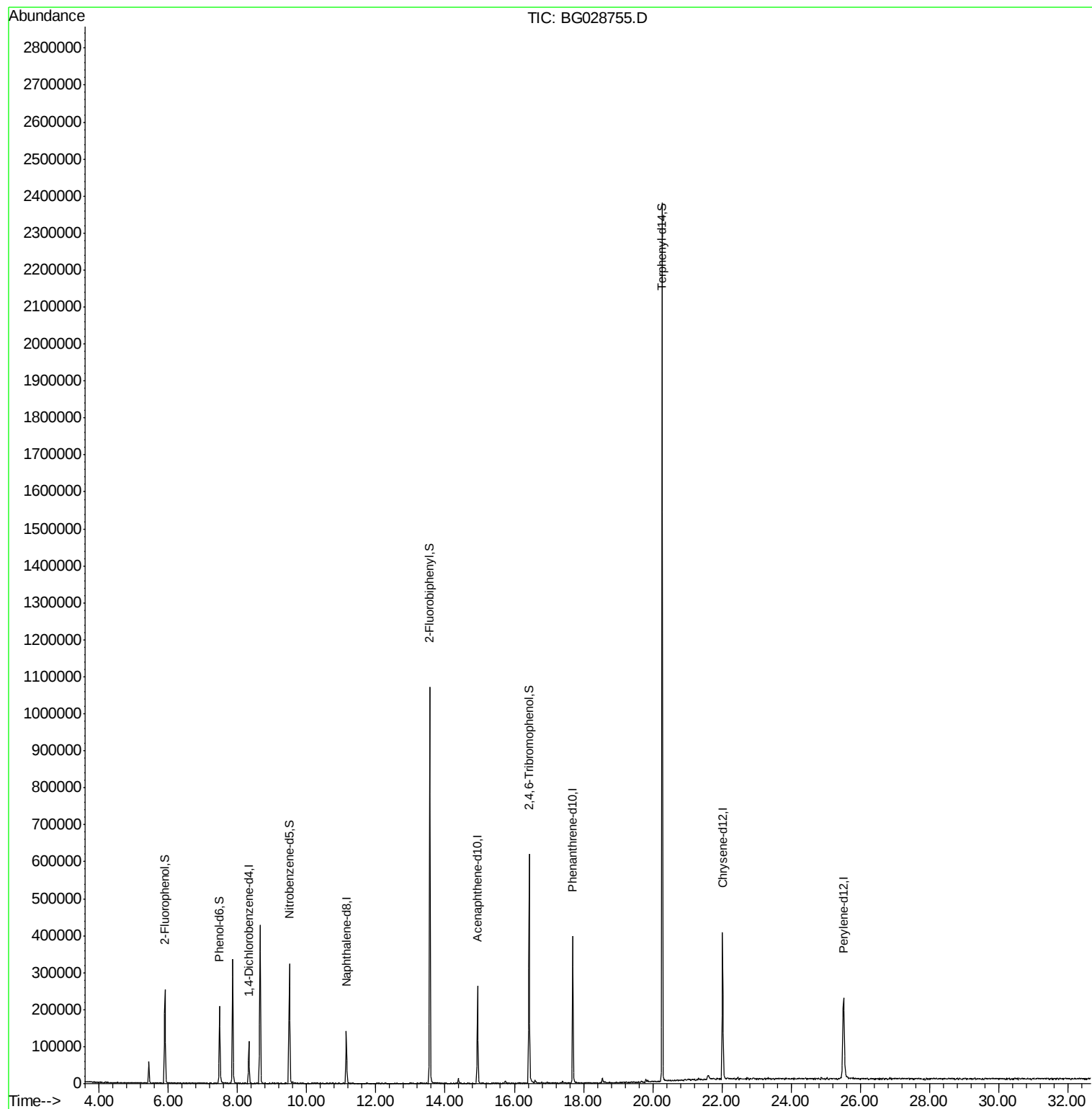
Target Compounds Qvalue

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

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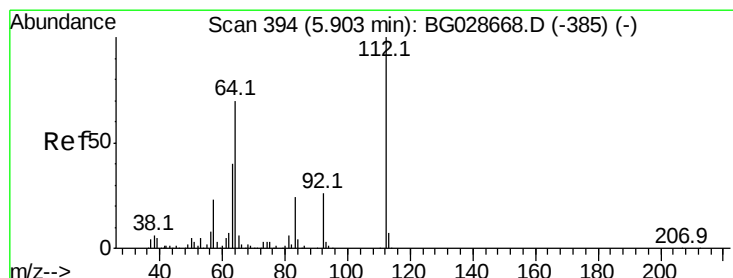
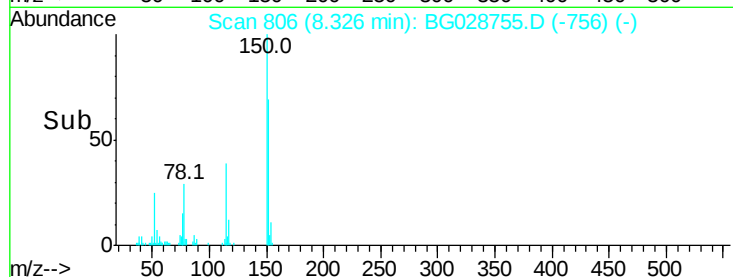
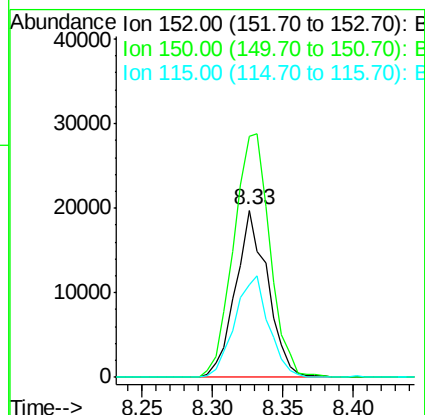
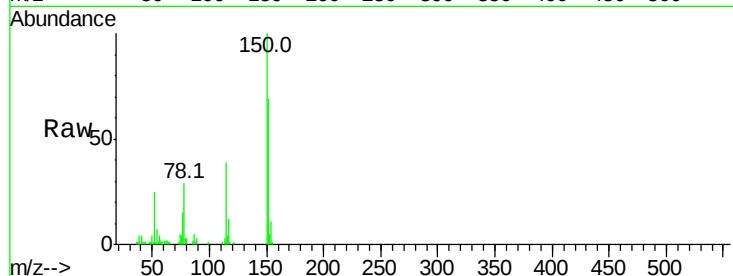


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG028755.D
Acq: 15 Sep 2017 5:58

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

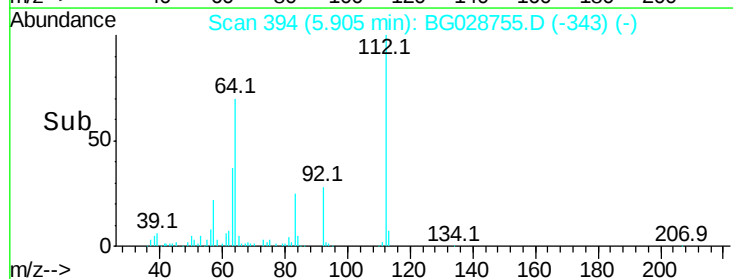
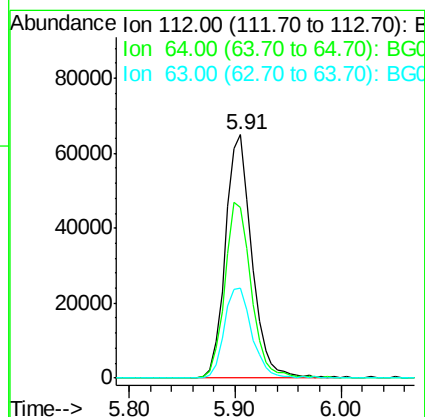
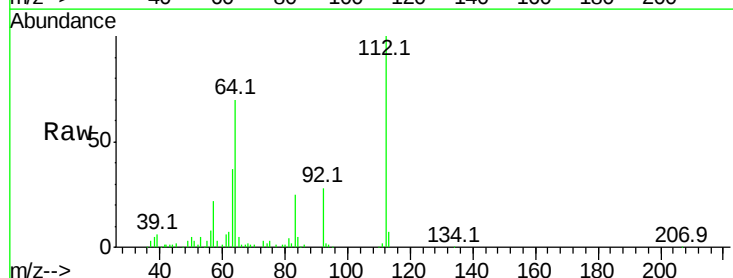
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	114.0	171.0
115	55.8	48.1	72.1

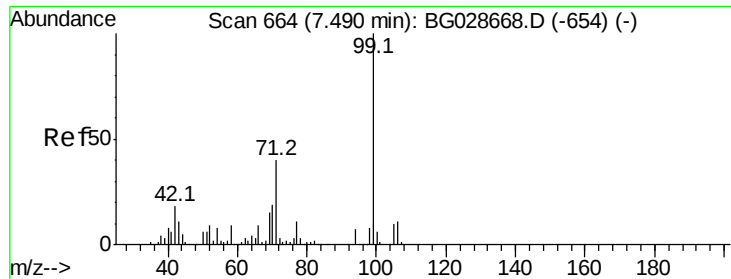


#5

2-Fluorophenol
Concen: 59.026 ng
RT: 5.91 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028755.D
Acq: 15 Sep 2017 5:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	61.8	92.6
63	37.1	37.2	55.8#





#7

Phenol-d6

Concen: 45.341 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028755.D

Acq: 15 Sep 2017 5:58

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-U-S

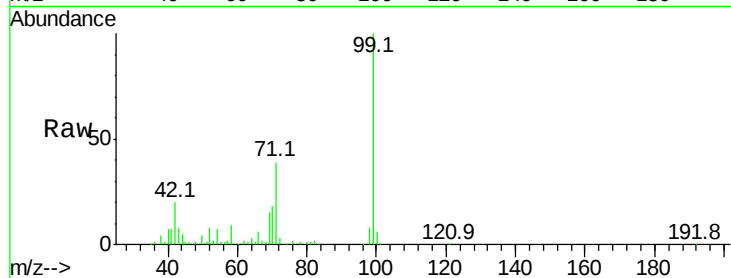
Tot Ion: 99 Resp: 130154

Ion Ratio Lower Upper

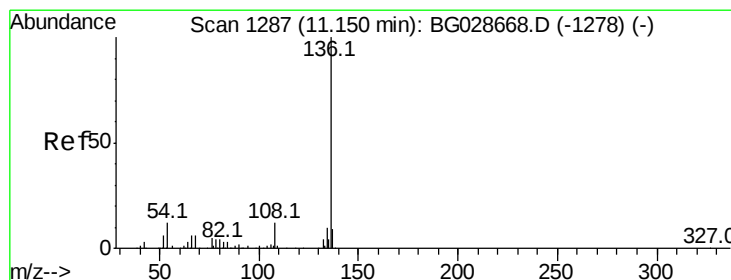
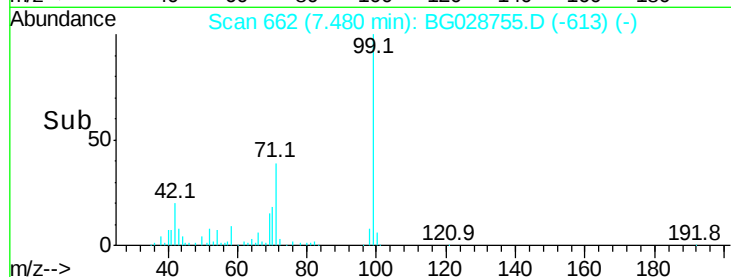
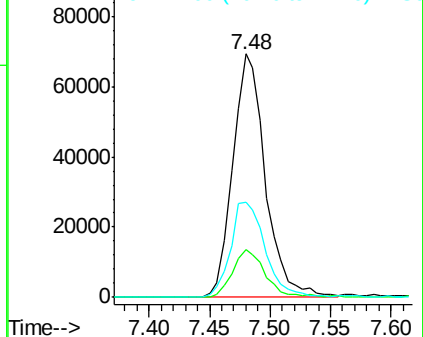
99 100

42 19.7 20.5 30.7#

71 39.2 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: 11.15 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BG028755.D

Acq: 15 Sep 2017 5:58

Tgt Ion: 136 Resp: 125355

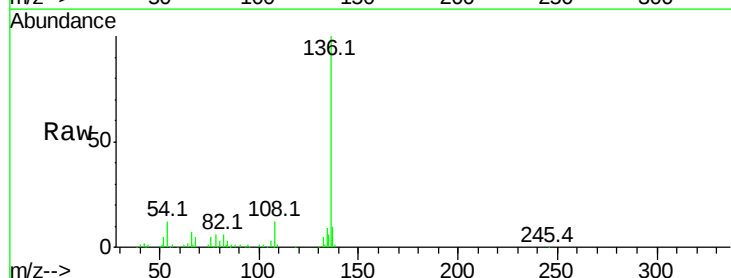
Ion Ratio Lower Upper

136 100

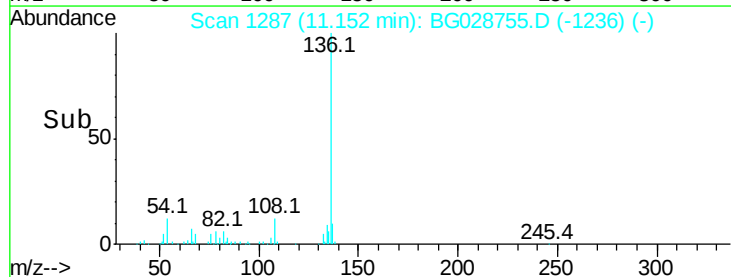
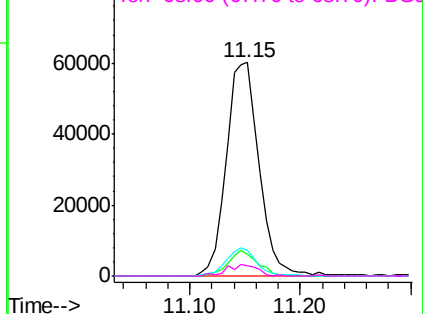
137 10.2 8.9 13.3

54 11.9 9.3 13.9

68 4.9 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

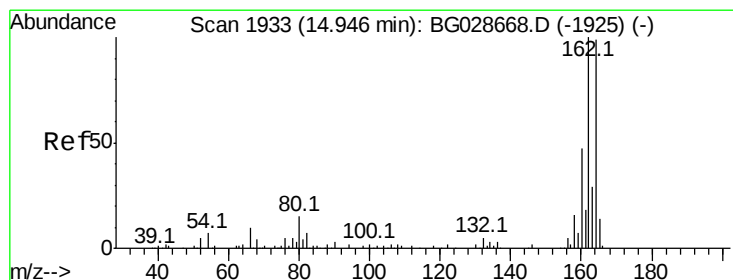
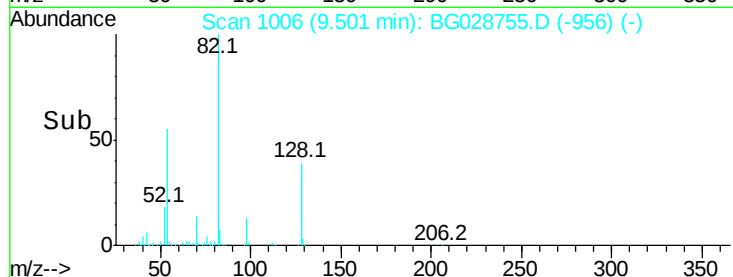
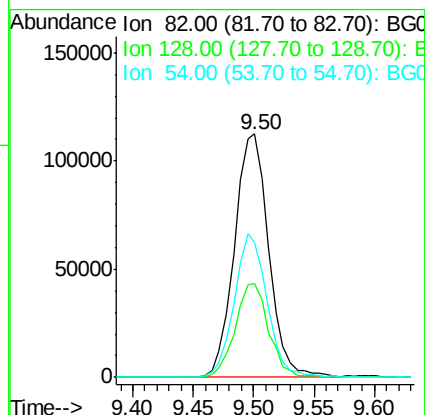
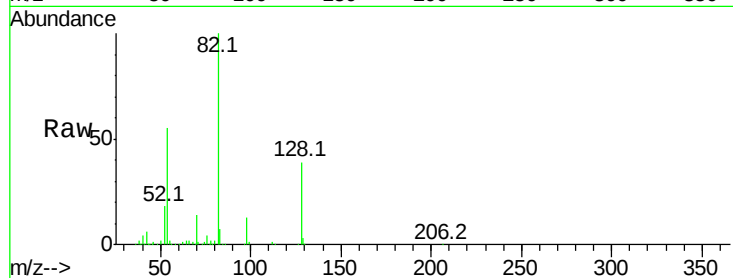




#23
Nitrobenzene-d5
Concen: 84.930 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028755.D
Acq: 15 Sep 2017 5:58

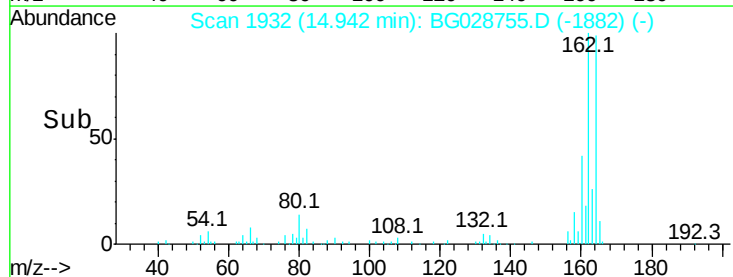
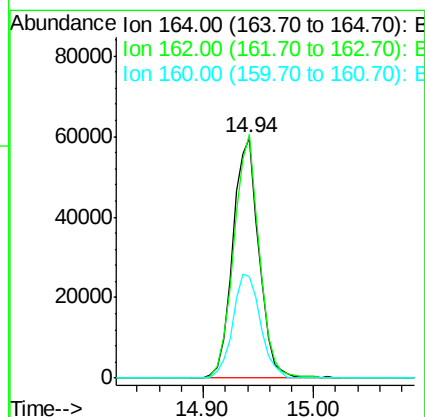
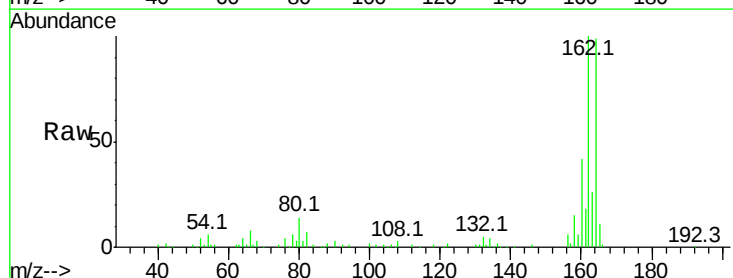
Instrument :
BNA_G
ClientSampleId :
091117-SIDI-E-U-S

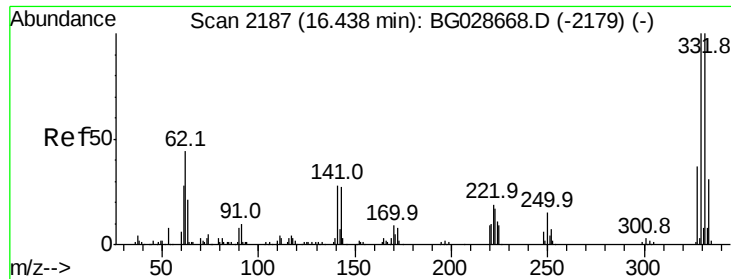
Tot Ion	82	Resp	222553
Ion	Ratio	Lower	Upper
82	100		
128	38.8	26.4	39.6
54	55.3	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028755.D
Acq: 15 Sep 2017 5:58

Tgt Ion	164	Resp	98904
Ion	Ratio	Lower	Upper
164	100		
162	101.4	85.1	127.7
160	42.4	34.7	52.1

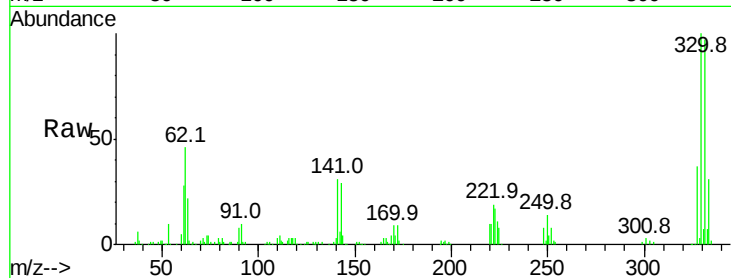




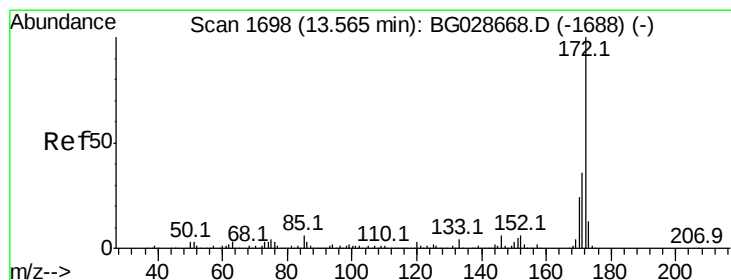
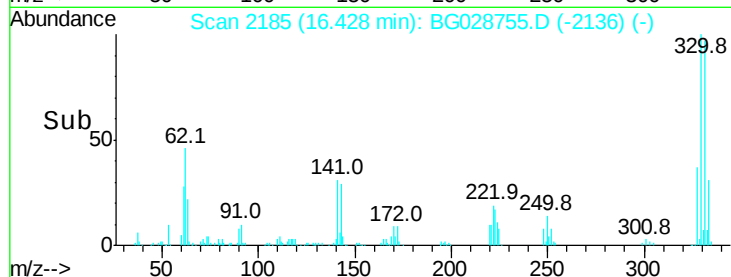
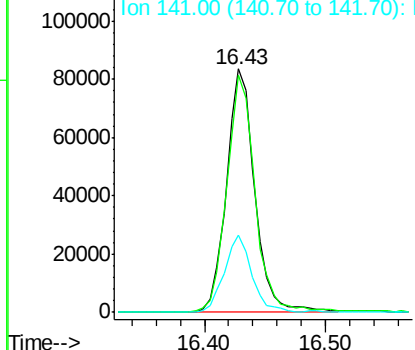
#41
 2,4,6-Tribromophenol
 Concen: 82.788 ng
 RT: 16.43 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028755.D
 Acq: 15 Sep 2017 5:58

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.3	115.9
141	30.8	32.1	48.1#

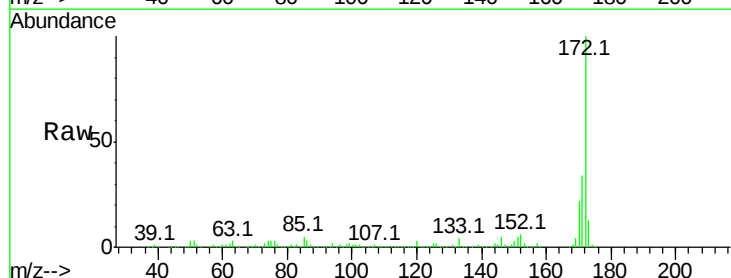


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

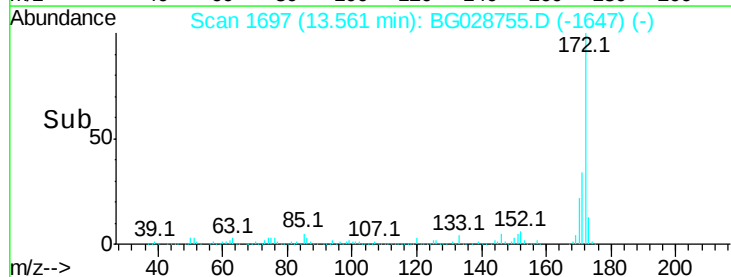
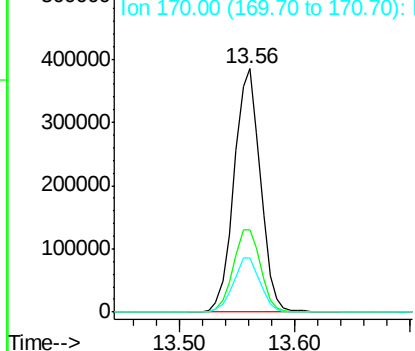


#44
 2-Fluorobiphenyl
 Concen: 81.862 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028755.D
 Acq: 15 Sep 2017 5:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	32.2	48.2
170	22.3	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. -0.00 min

Lab File: BG028755.D

Acq: 15 Sep 2017 5:58

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-U-S

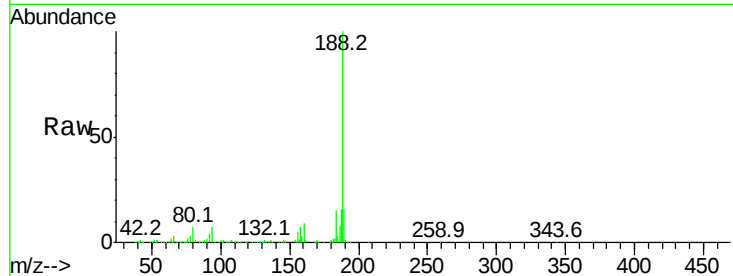
Tot Ion:188 Resp: 263330

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

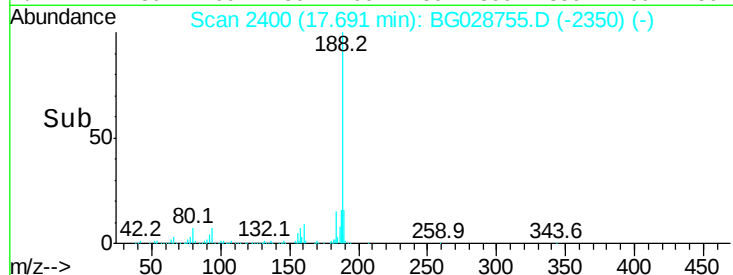
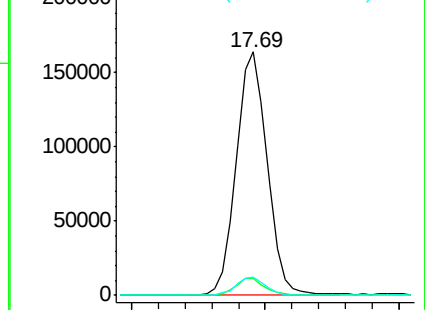
80 7.4 7.5 11.3#



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: BG028755.D

Acq: 15 Sep 2017 5:58

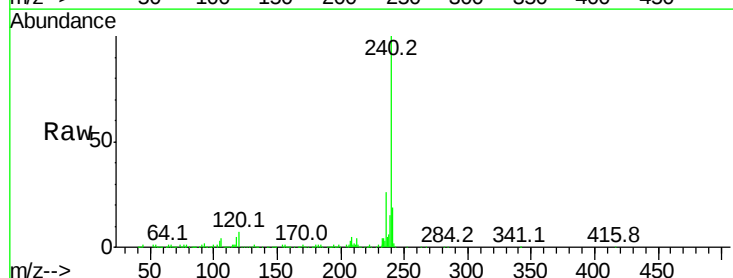
Tgt Ion:240 Resp: 295782

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

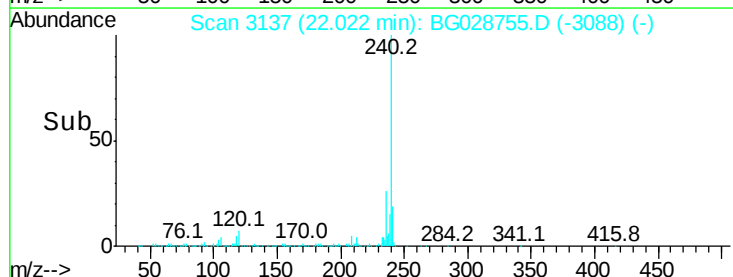
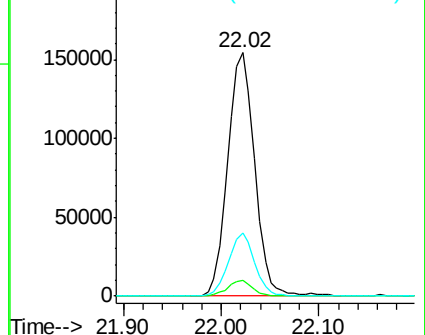
236 25.8 22.2 33.4

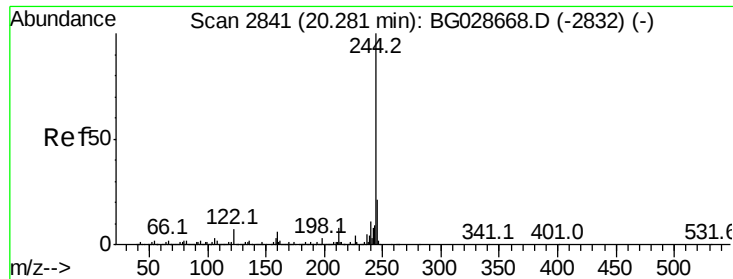


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.044 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028755.D

Acq: 15 Sep 2017 5:58

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-U-S

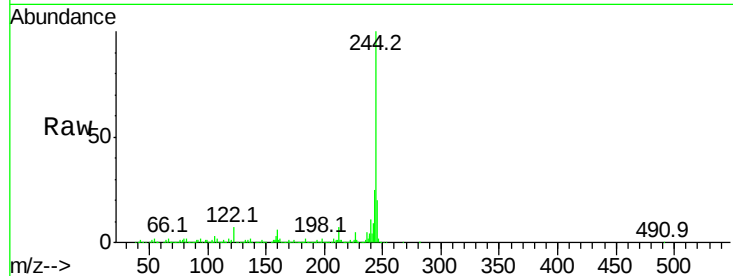
Tot Ion:244 Resp: 1124064

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

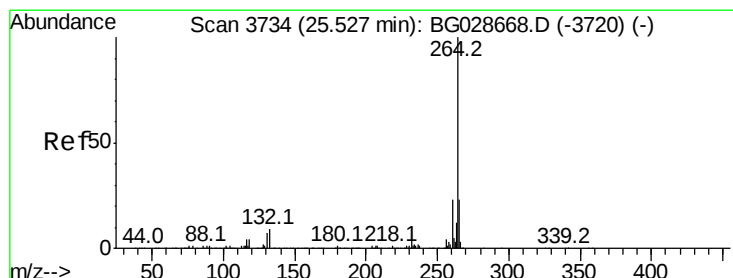
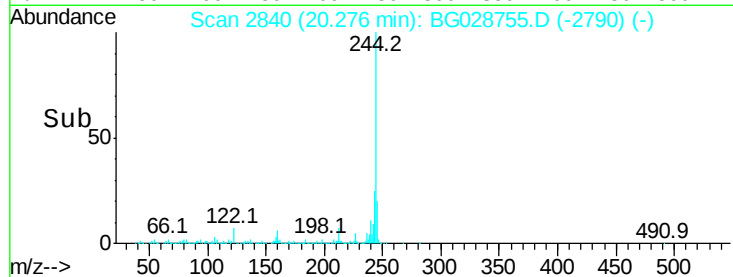
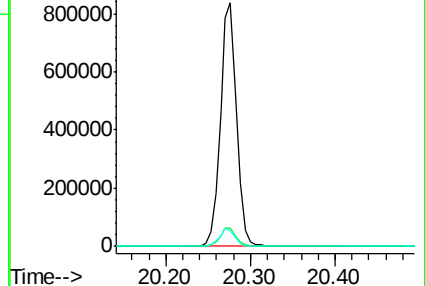
122 6.7 8.6 12.8#



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# 3732

Delta R.T. -0.01 min

Lab File: BG028755.D

Acq: 15 Sep 2017 5:58

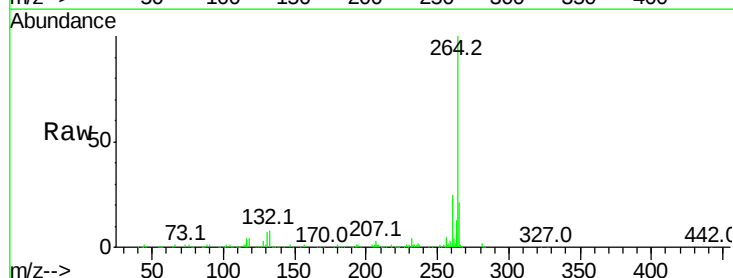
Tgt Ion:264 Resp: 298532

Ion Ratio Lower Upper

264 100

260 24.9 21.8 32.8

265 21.1 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

