

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028759.D
 Acq On : 15 Sep 2017 8:37
 Operator : SJ/JU
 Sample : I5223-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Sep 15 11:31:47 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	30816	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	121254	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	90627	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	254217	20.00	ng	0.00
75) Chrysene-d12	22.02	240	282602	20.00	ng	-0.01
86) Perylene-d12	25.51	264	293956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	101622	54.41	ng	0.00
7) Phenol-d6	7.48	99	117333	41.73	ng	0.00
23) Nitrobenzene-d5	9.50	82	198678	78.38	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	128915	86.01	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	532140	78.30	ng	0.00
78) Terphenyl-d14	20.27	244	1045015	78.86	ng	0.00

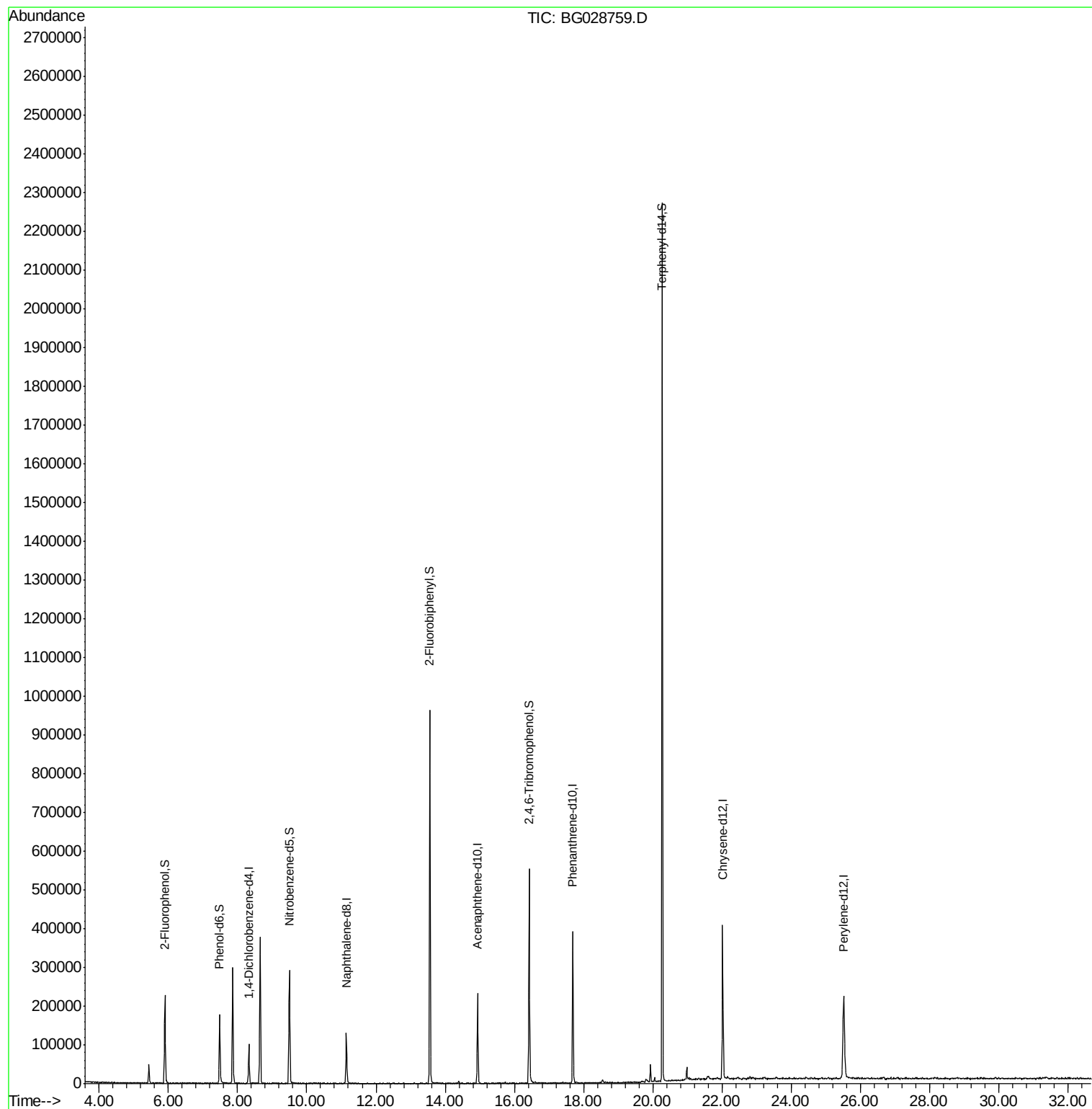
Target Compounds Qvalue

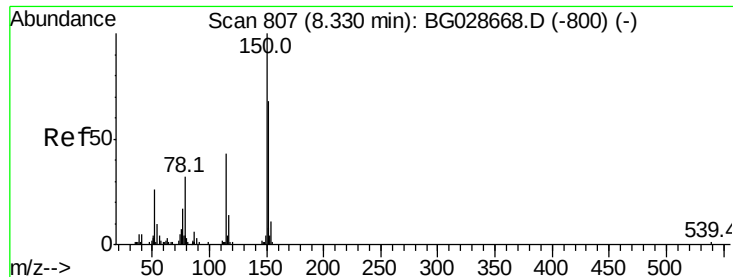
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-D-B

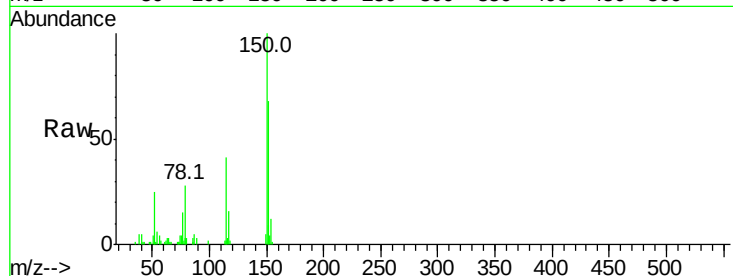
Tot Ion:152 Resp: 30816

Ion Ratio Lower Upper

152 100

150 148.1 114.0 171.0

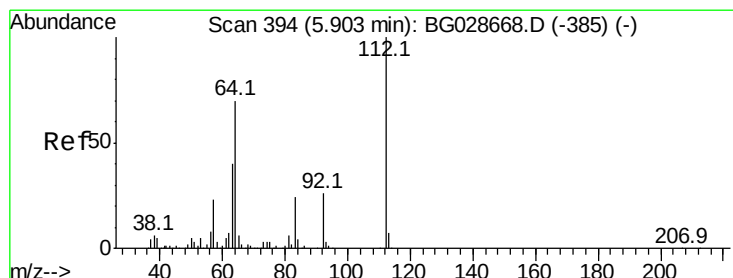
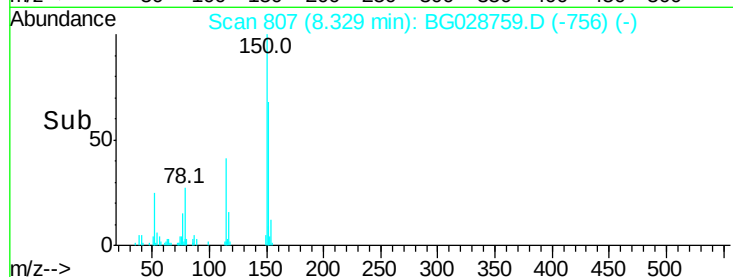
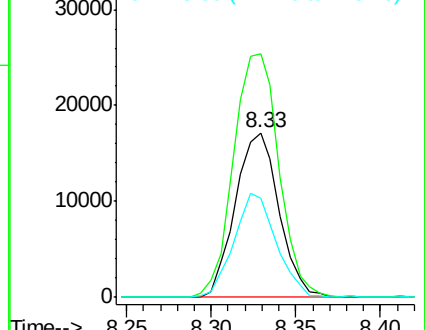
115 60.4 48.1 72.1



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: 54.414 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

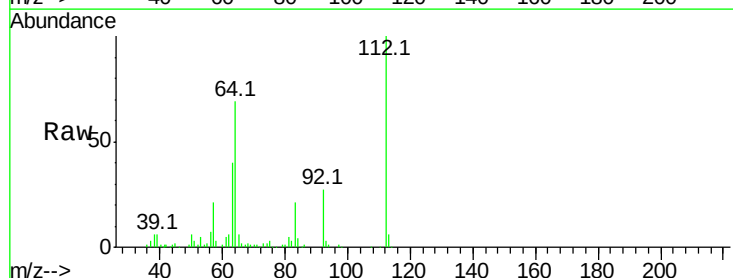
Tgt Ion:112 Resp: 101622

Ion Ratio Lower Upper

112 100

64 69.1 61.8 92.6

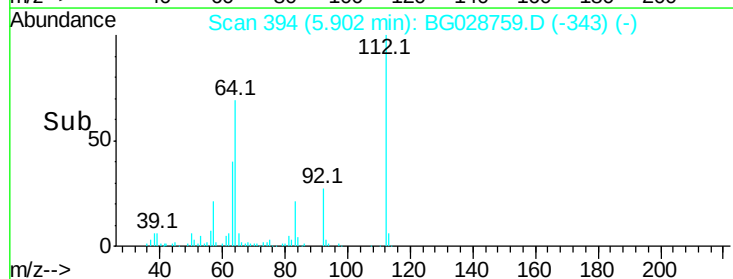
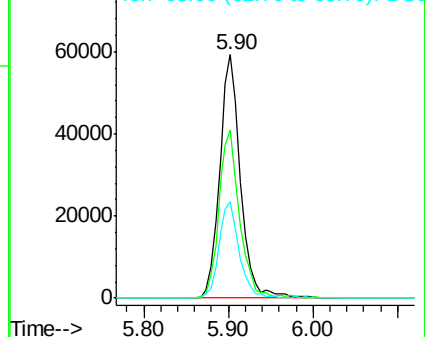
63 39.7 37.2 55.8

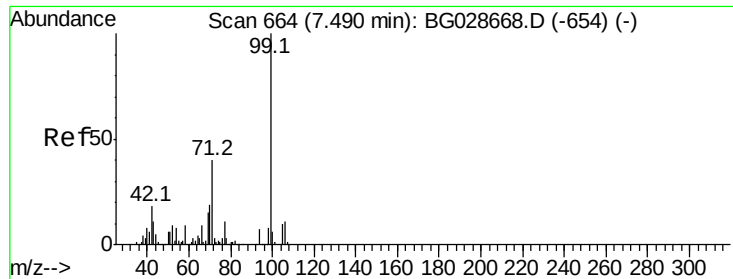


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.728 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-D-B

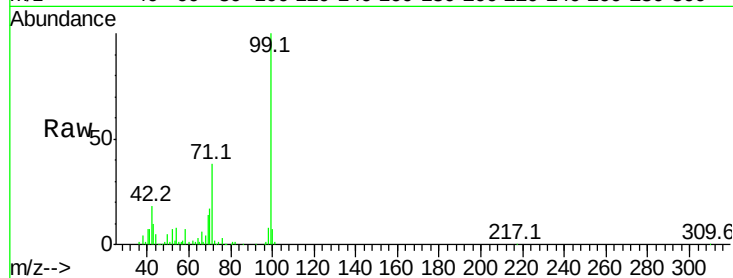
Tot Ion: 99 Resp: 117333

Ion Ratio Lower Upper

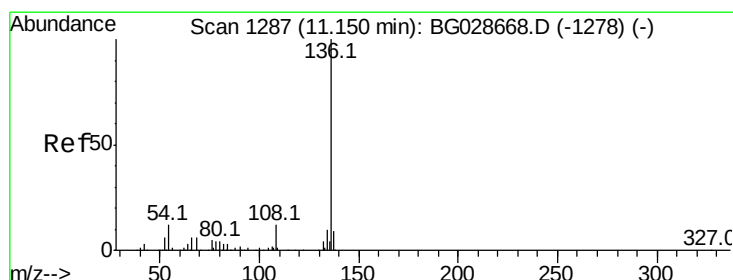
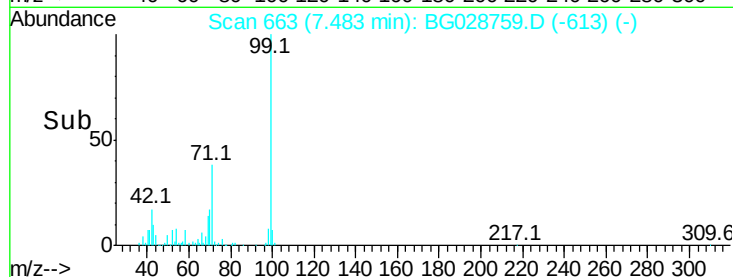
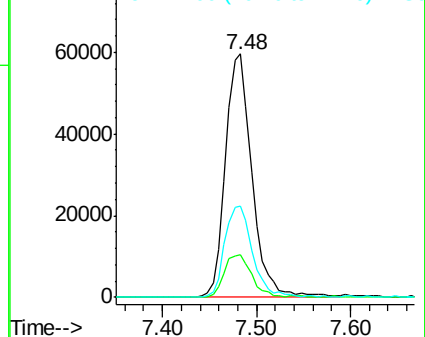
99 100

42 17.6 20.5 30.7#

71 37.6 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: 11.14 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

Tgt Ion: 136 Resp: 121254

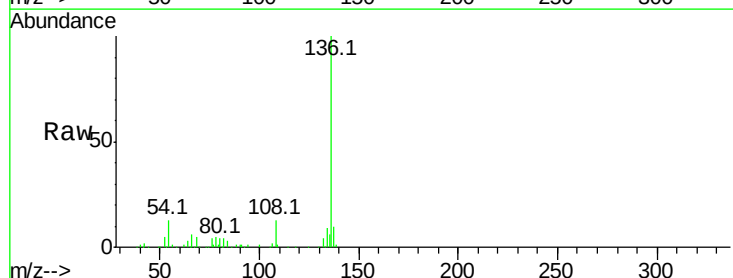
Ion Ratio Lower Upper

136 100

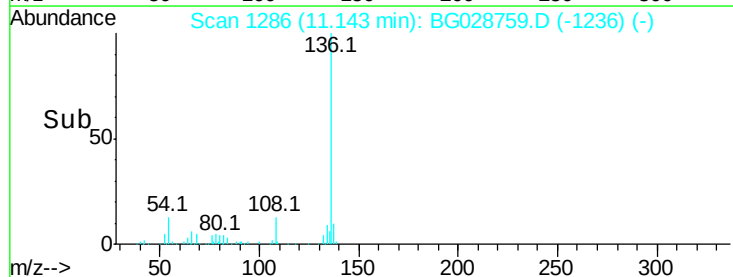
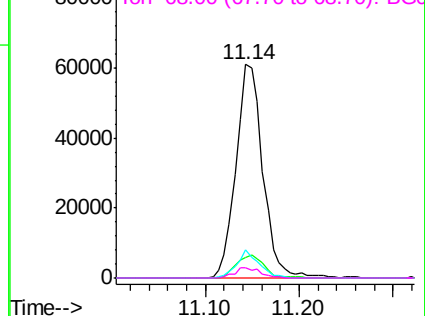
137 9.8 8.9 13.3

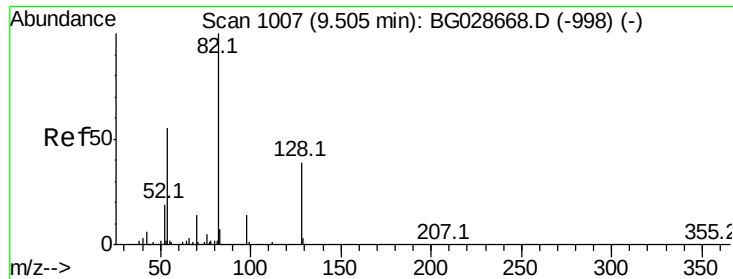
54 13.1 9.3 13.9

68 4.5 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

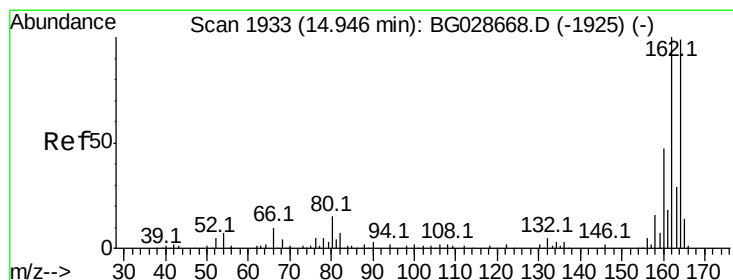
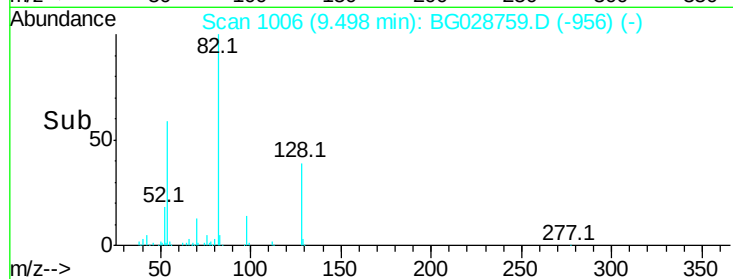
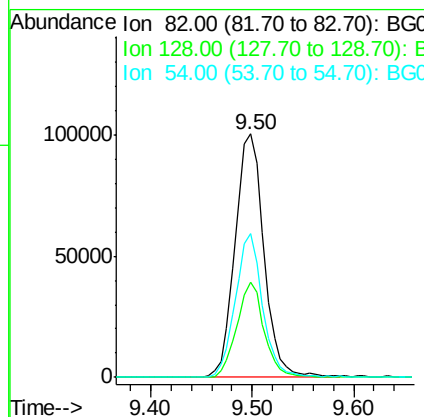
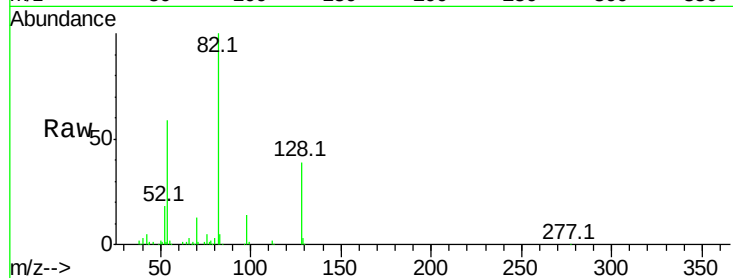




#23
 Nitrobenzene-d5
 Concen: 78.383 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028759.D
 Acq: 15 Sep 2017 8:37

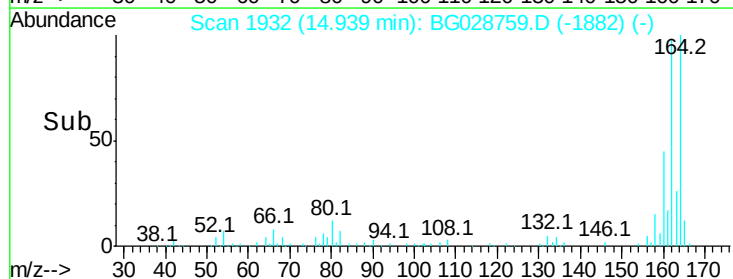
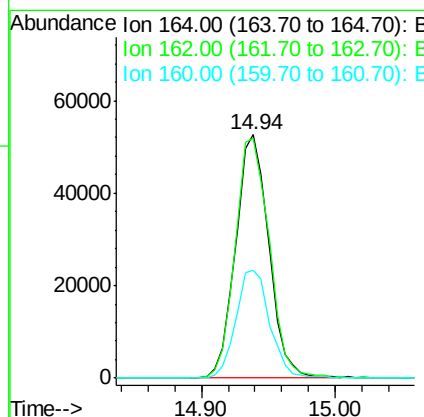
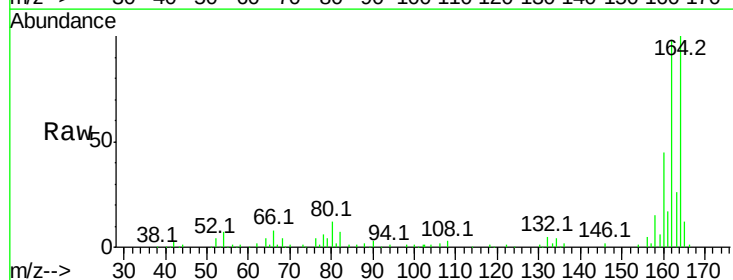
Instrument :
 BNA_G
 ClientSampleId :
 090917-SIDI-E-D-B

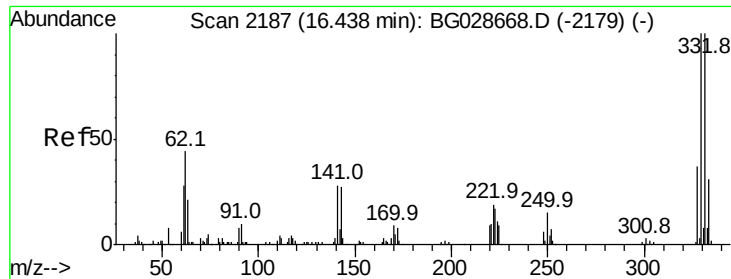
Tot Ion	82	Resp	198678
Ion	Ratio	Lower	Upper
82	100		
128	39.2	26.4	39.6
54	58.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028759.D
 Acq: 15 Sep 2017 8:37

Tgt Ion	164	Resp	90627
Ion	Ratio	Lower	Upper
164	100		
162	98.2	85.1	127.7
160	44.6	34.7	52.1

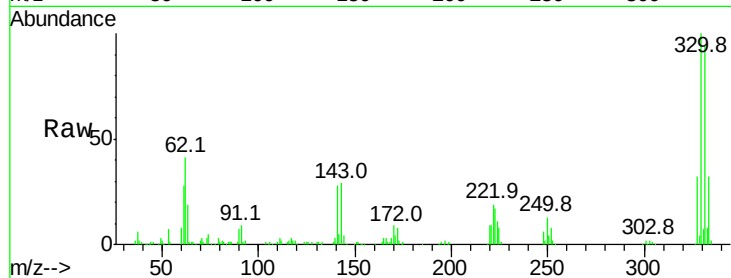




#41
 2,4,6-Tribromophenol
 Concen: 86.006 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028759.D
 Acq: 15 Sep 2017 8:37

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.3	115.9
141	30.7	32.1	48.1#

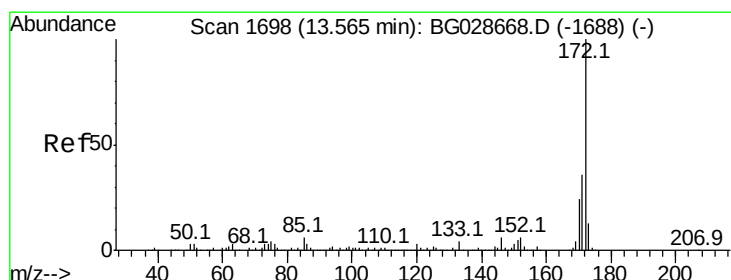
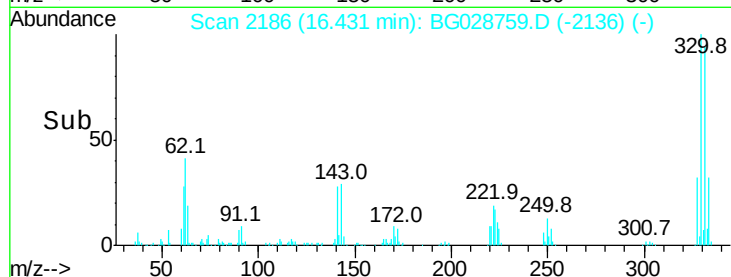
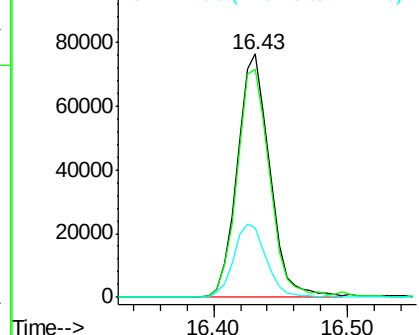


Abundance

Ion 329.80 (329.50 to 330.50): E

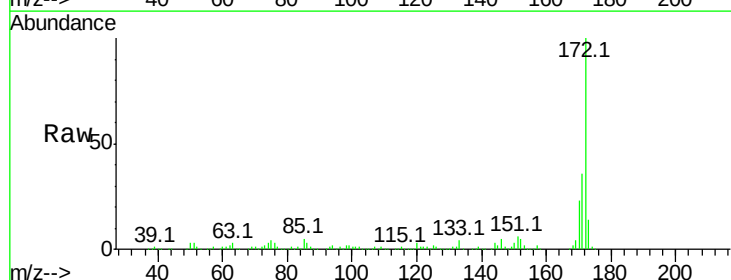
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.295 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028759.D
 Acq: 15 Sep 2017 8:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	22.5	21.8	32.6

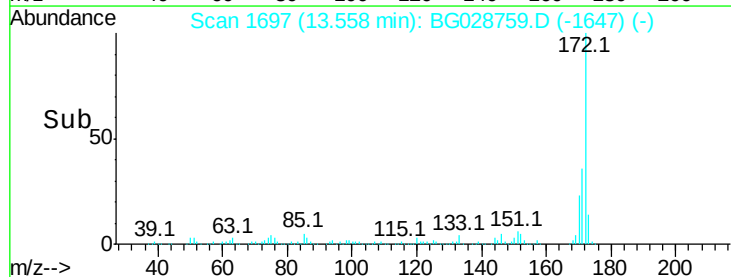
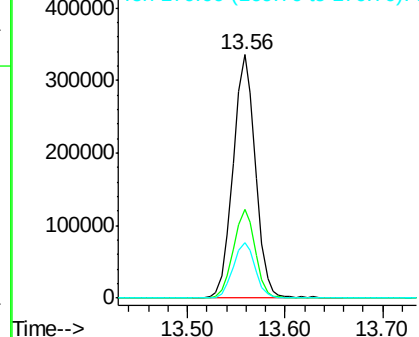


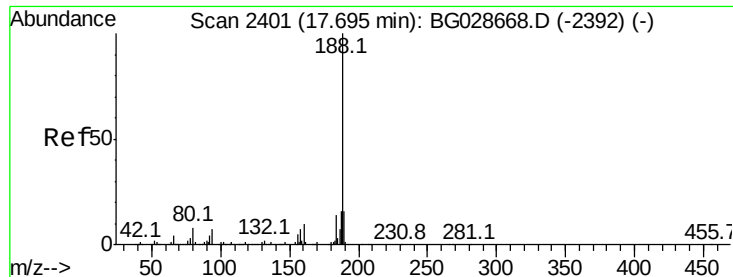
Abundance

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: BG028759.D

Acq: 15 Sep 2017 8:37

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-D-B

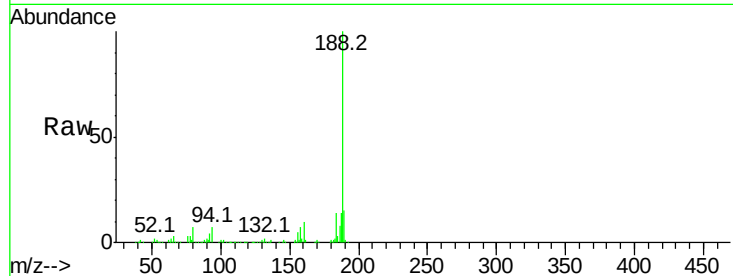
Tot Ion:188 Resp: 254217

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

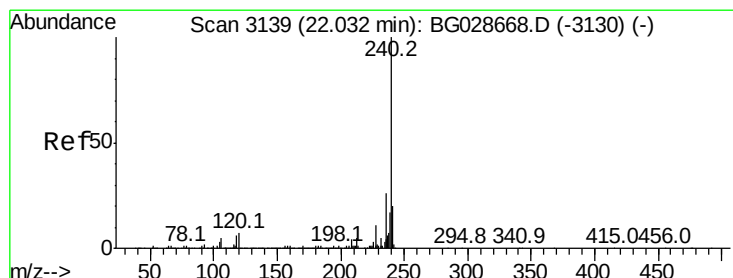
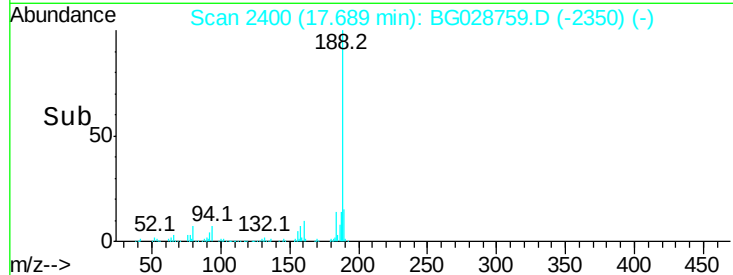
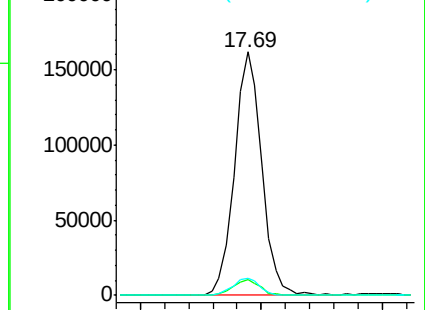
80 7.1 7.5 11.3#



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: BG028759.D

Acq: 15 Sep 2017 8:37

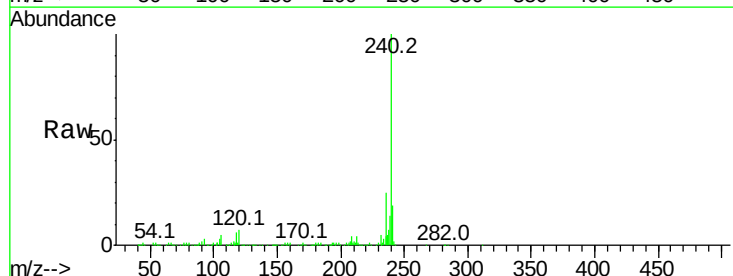
Tgt Ion:240 Resp: 282602

Ion Ratio Lower Upper

240 100

120 6.9 5.7 8.5

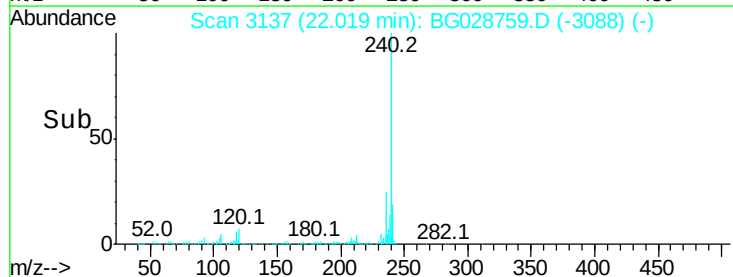
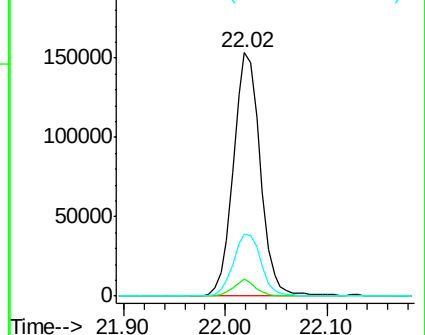
236 25.2 22.2 33.4

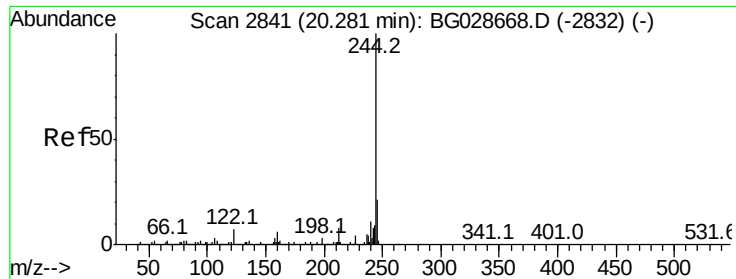


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.859 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-D-B

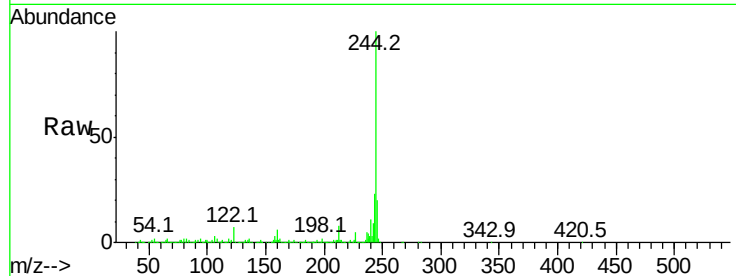
Tot Ion:244 Resp: 1045015

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	6.8	8.6	12.8#

244 100

212 7.7 10.0 15.0#

122 6.8 8.6 12.8#

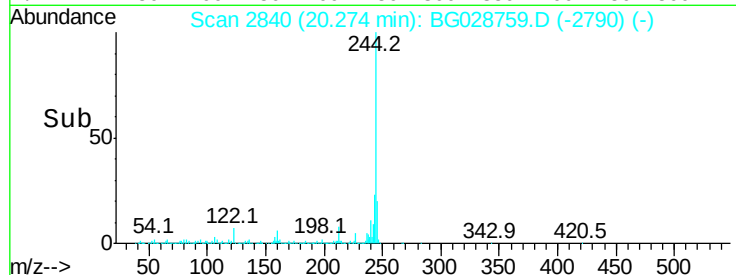


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

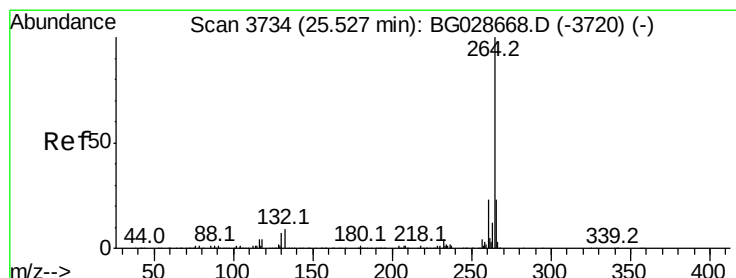
Ion 122.00 (121.70 to 122.70): E

Time-->



Abundance

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.51 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

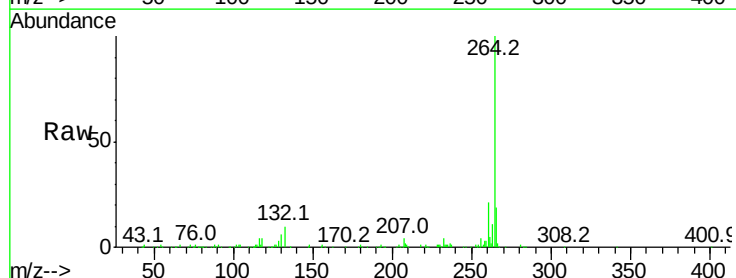
Tgt Ion:264 Resp: 293956

Ion	Ratio	Lower	Upper
264	100		
260	21.1	21.8	32.8#
265	19.2	18.2	27.4

264 100

260 21.1 21.8 32.8#

265 19.2 18.2 27.4

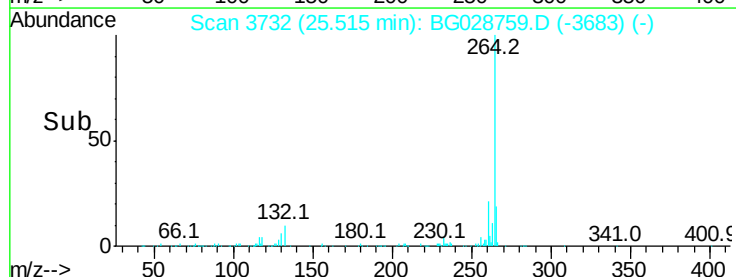


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Abundance

Time-->