

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028761.D
 Acq On : 15 Sep 2017 9:56
 Operator : SJ/JU
 Sample : I5223-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Sep 15 11:47:38 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

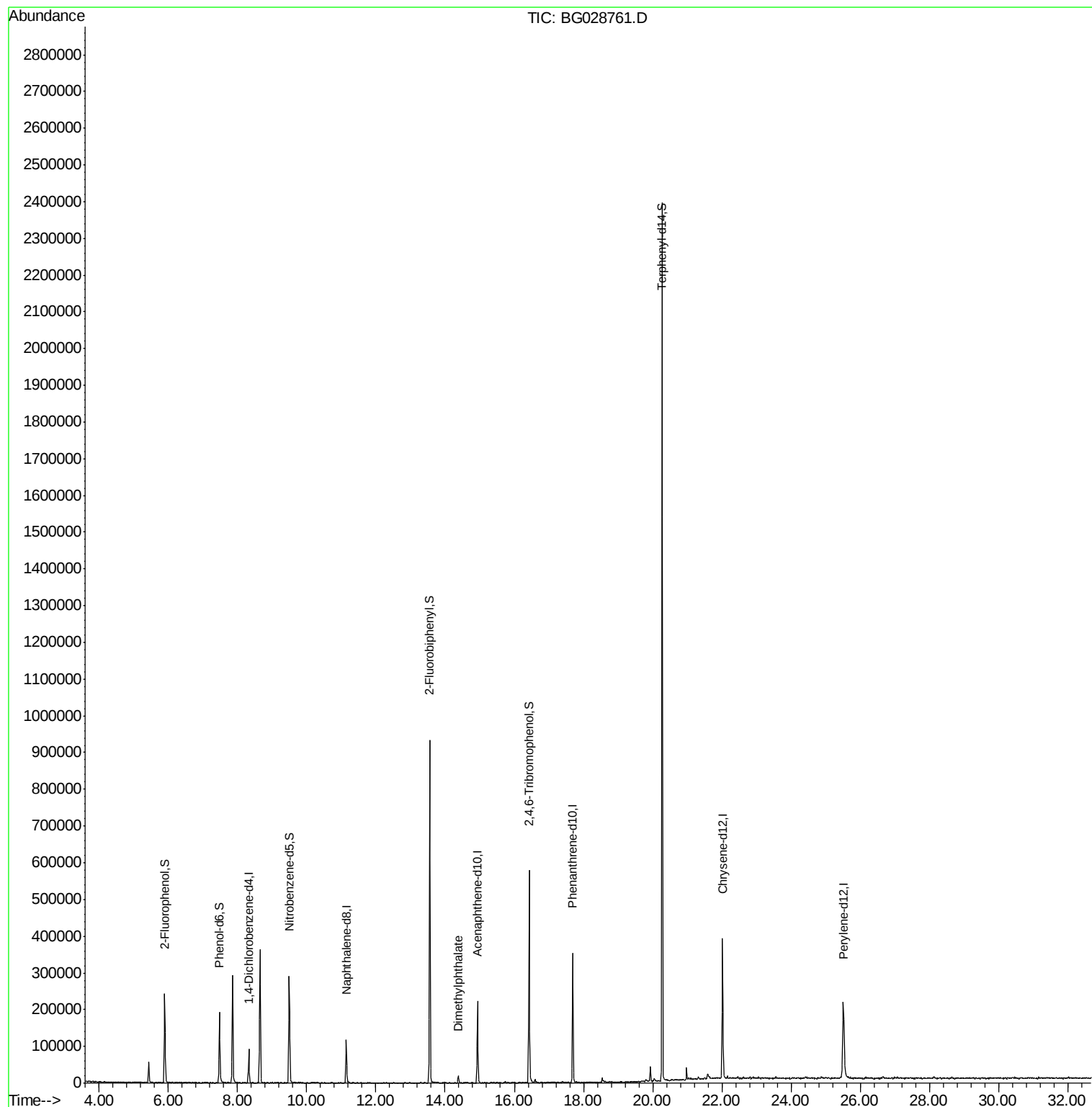
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	26816	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	106729	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	83191	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	238139	20.00	ng	0.00
75) Chrysene-d12	22.02	240	269154	20.00	ng	0.00
86) Perylene-d12	25.52	264	280738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	104289	64.17	ng	0.00
7) Phenol-d6	7.48	99	120950	49.43	ng	0.00
23) Nitrobenzene-d5	9.50	82	192113	86.11	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	128065	93.08	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	516294	82.75	ng	0.00
78) Terphenyl-d14	20.28	244	1106975	87.71	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.38	163	17525	2.512	ng	95

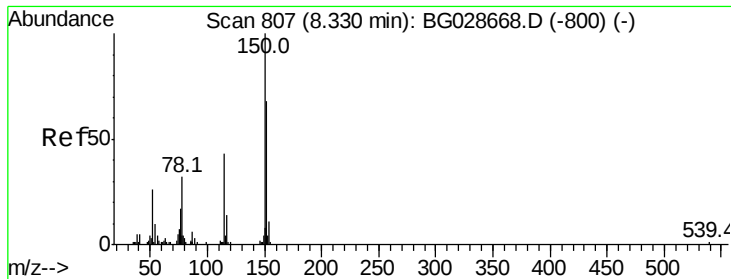
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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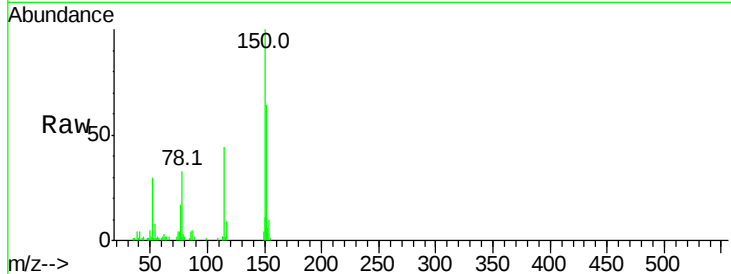


#1

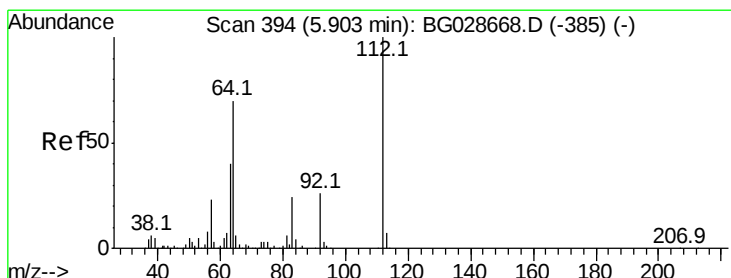
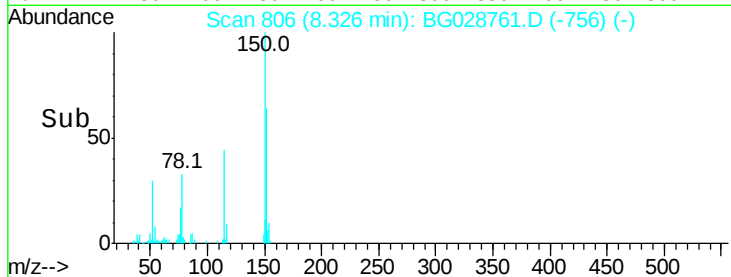
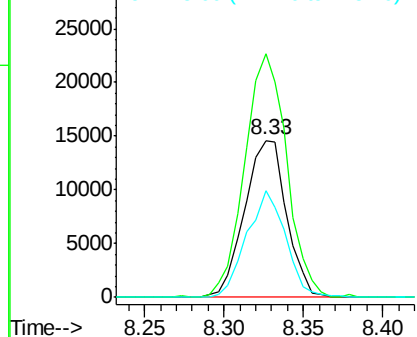
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG028761.D
Acq: 15 Sep 2017 9:56

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

Tot Ion:152 Resp: 26816
Ion Ratio Lower Upper
152 100
150 155.5 114.0 171.0
115 68.0 48.1 72.1



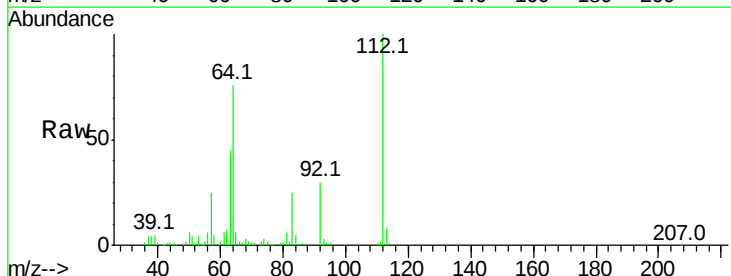
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



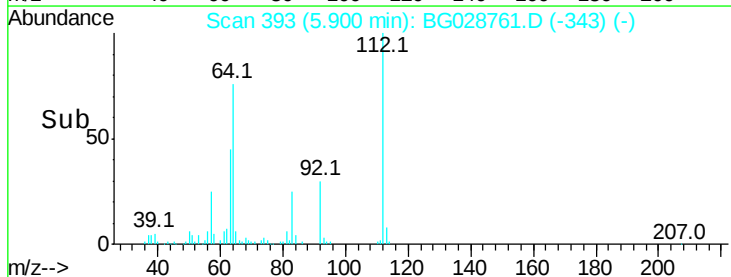
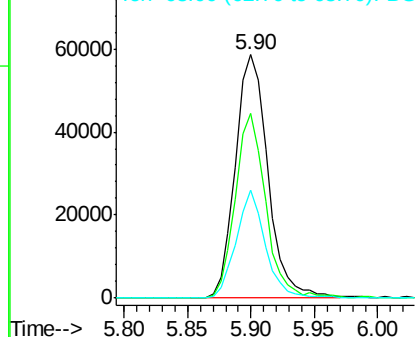
#5

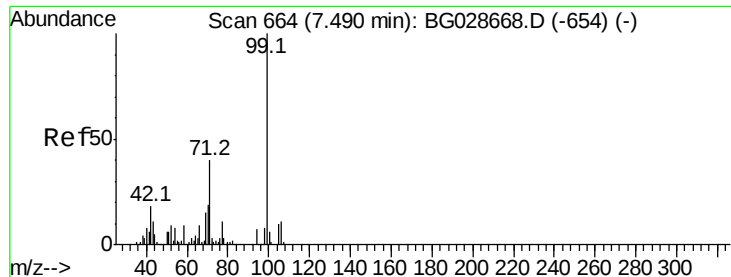
2-Fluorophenol
Concen: 64.171 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028761.D
Acq: 15 Sep 2017 9:56

Tgt Ion:112 Resp: 104289
Ion Ratio Lower Upper
112 100
64 76.0 61.8 92.6
63 44.5 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 49.430 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028761.D

Acq: 15 Sep 2017 9:56

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-U-B

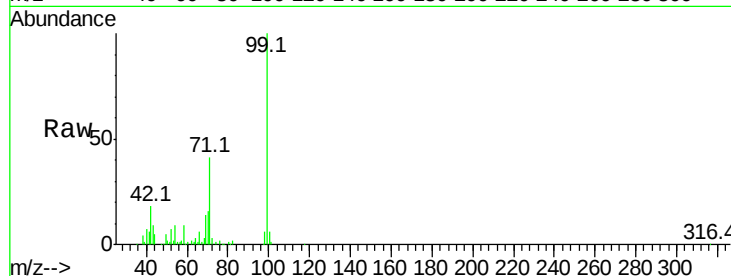
Tot Ion: 99 Resp: 120950

Ion Ratio Lower Upper

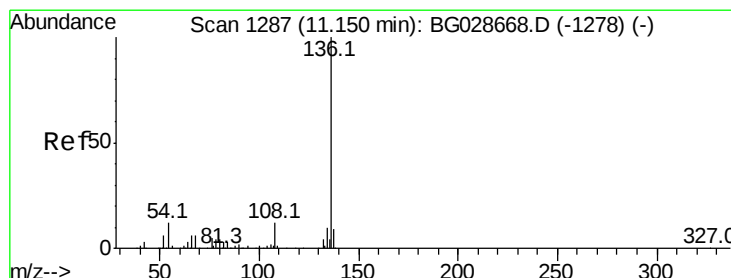
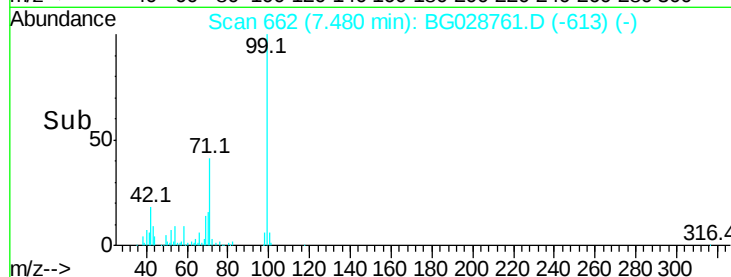
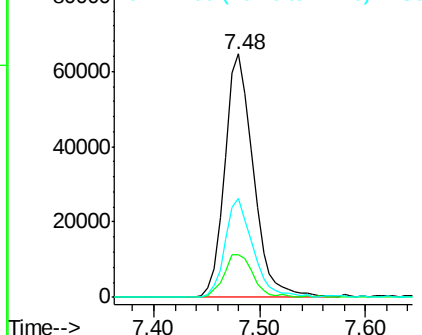
99 100

42 17.7 20.5 30.7#

71 40.7 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# 1286

Delta R.T. -0.00 min

Lab File: BG028761.D

Acq: 15 Sep 2017 9:56

Tgt Ion: 136 Resp: 106729

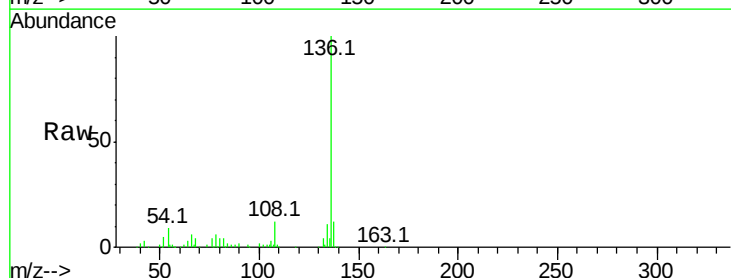
Ion Ratio Lower Upper

136 100

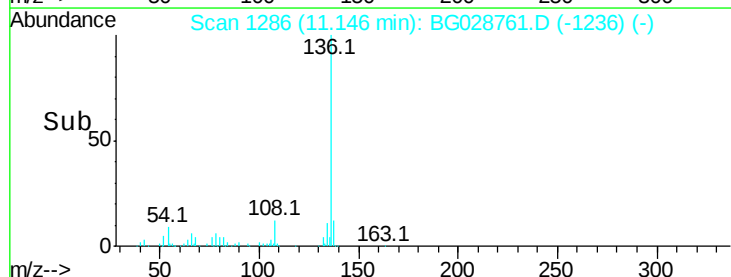
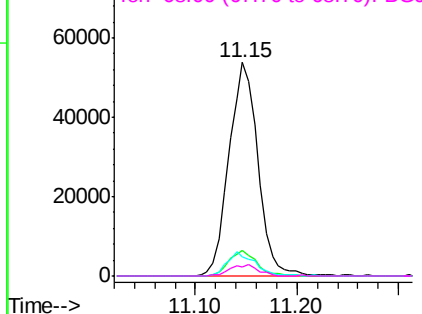
137 11.9 8.9 13.3

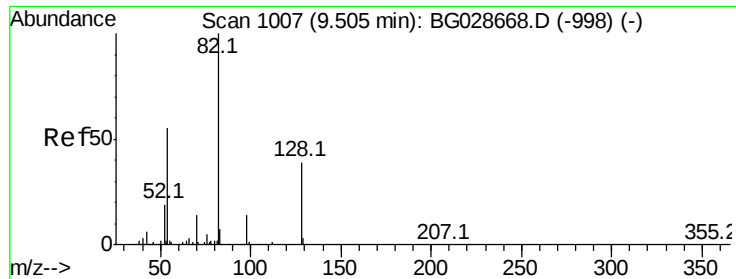
54 9.0 9.3 13.9#

68 4.2 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

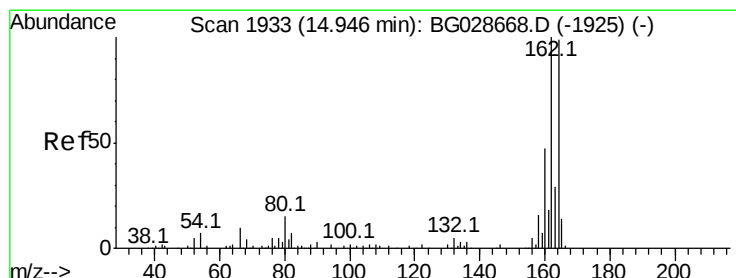
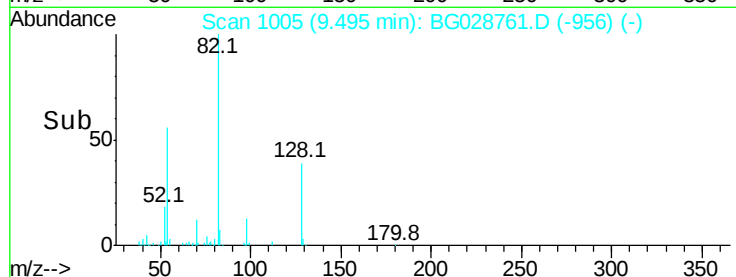
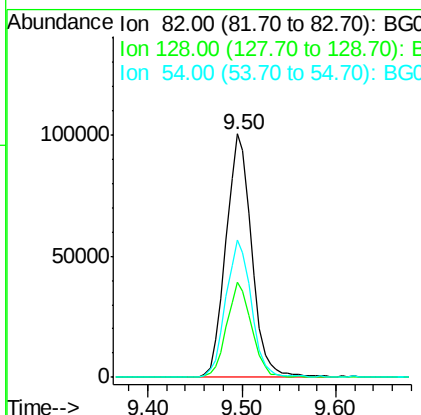
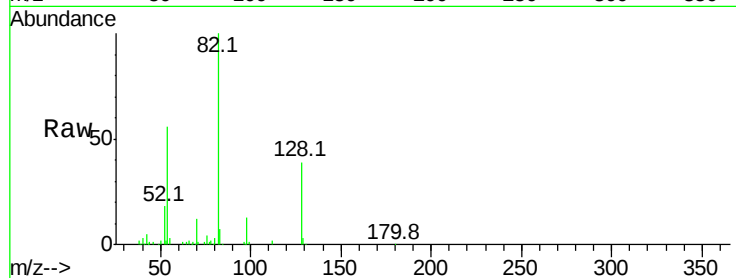




#23
Nitrobenzene-d5
Concen: 86.108 ng
RT: 9.50 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG028761.D
Acq: 15 Sep 2017 9:56

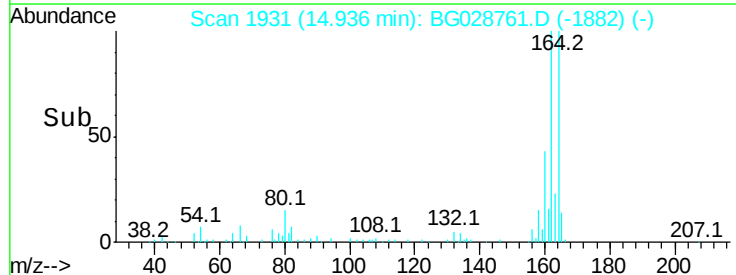
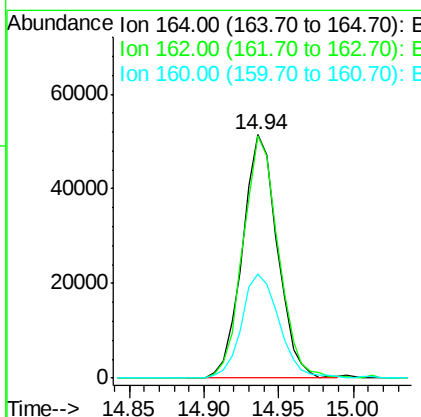
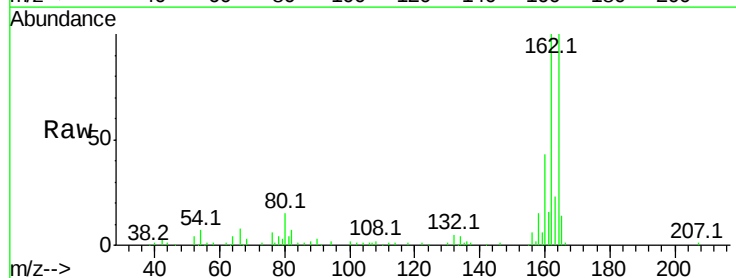
Instrument :
BNA_G
ClientSampleId :
090917-SIDI-E-U-B

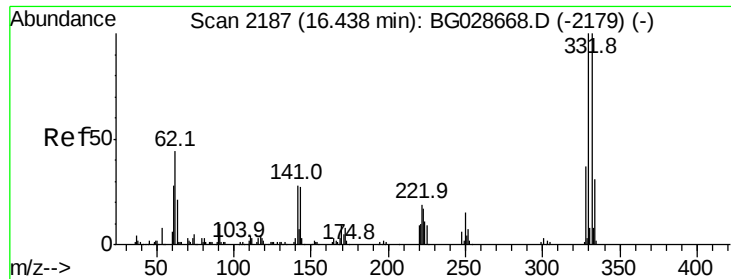
Tot Ion	82	Resp	192113
Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.4	39.6
54	56.5	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG028761.D
Acq: 15 Sep 2017 9:56

Tgt Ion	164	Resp	83191
Ion	Ratio	Lower	Upper
164	100		
162	99.6	85.1	127.7
160	42.7	34.7	52.1

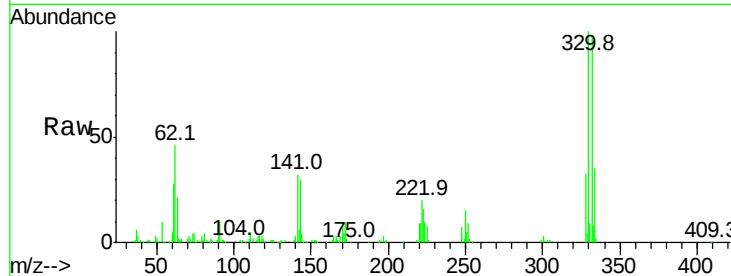




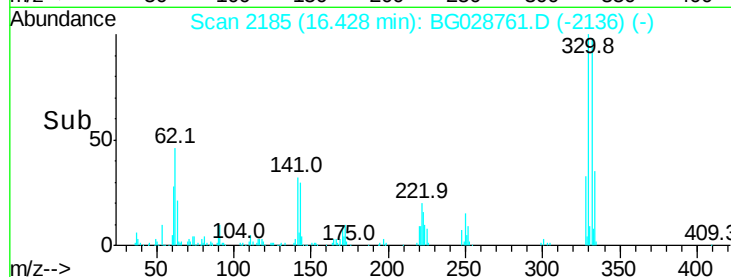
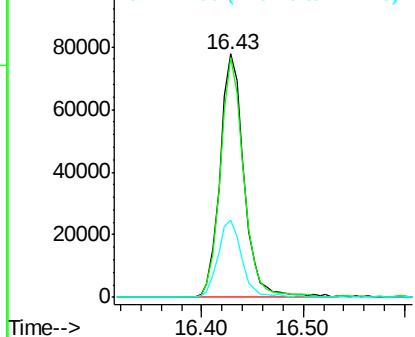
#41
 2,4,6-Tribromophenol
 Concen: 93.075 ng
 RT: 16.43 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028761.D
 Acq: 15 Sep 2017 9:56

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	31.9	32.1	48.1#

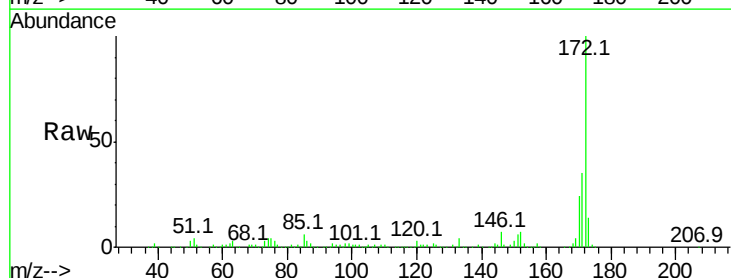


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

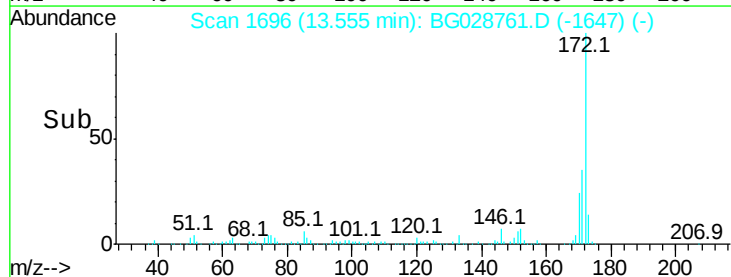
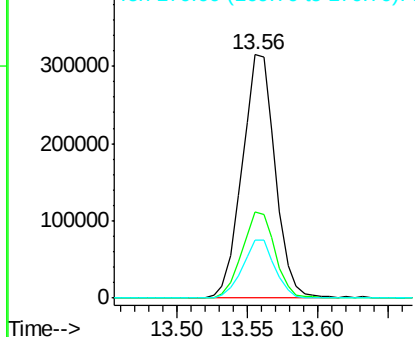


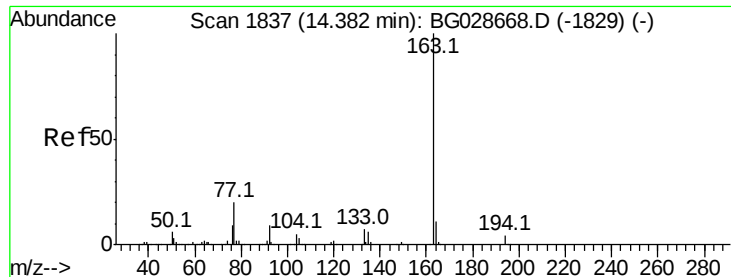
#44
 2-Fluorobiphenyl
 Concen: 82.754 ng
 RT: 13.56 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG028761.D
 Acq: 15 Sep 2017 9:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	32.2	48.2
170	24.0	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





#49

Dimethylphthalate

Concen: 2.512 ng

RT: 14.38 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG028761.D

Acq: 15 Sep 2017 9:56

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-U-B

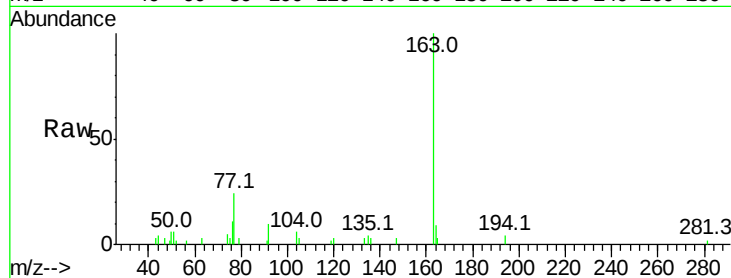
Tot Ion:163 Resp: 17525

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

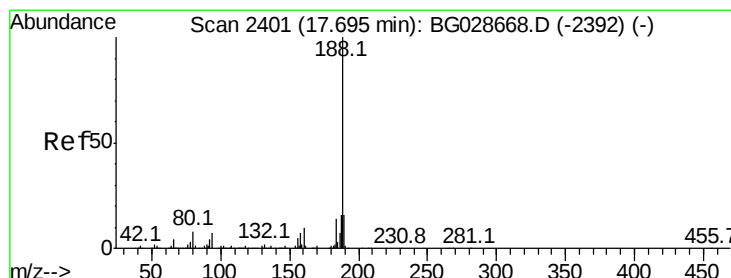
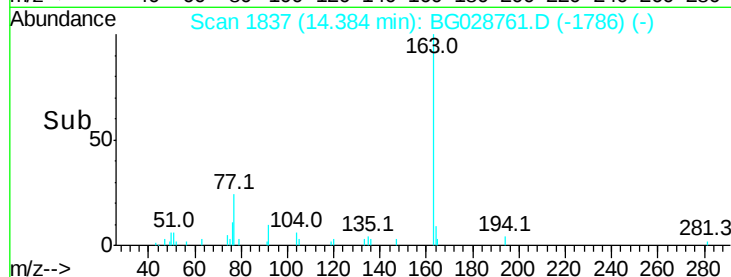
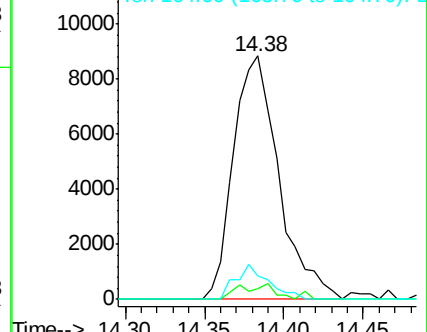
164 9.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028761.D

Acq: 15 Sep 2017 9:56

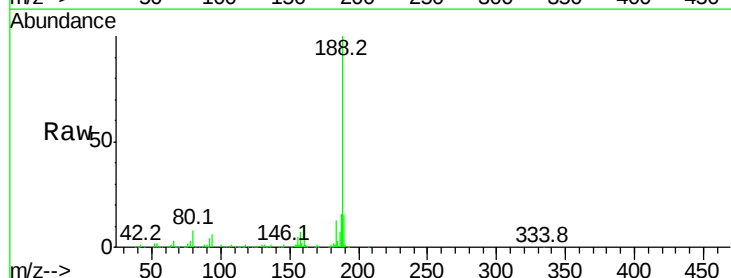
Tgt Ion:188 Resp: 238139

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

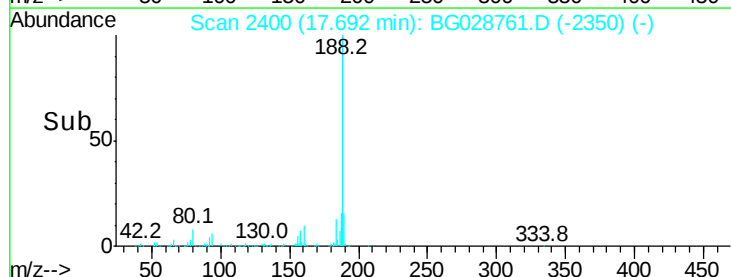
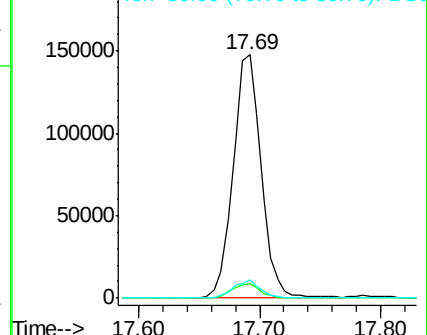
80 7.8 7.5 11.3



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: BG028761.D

Acq: 15 Sep 2017 9:56

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-U-B

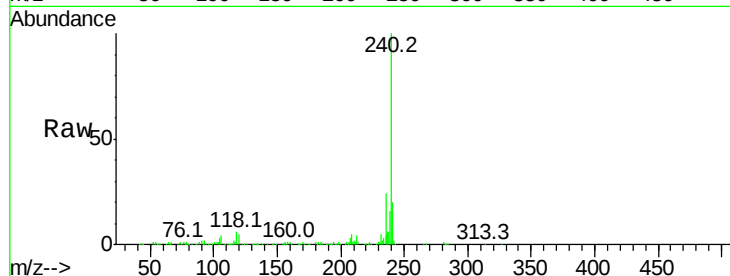
Tot Ion:240 Resp: 269154

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

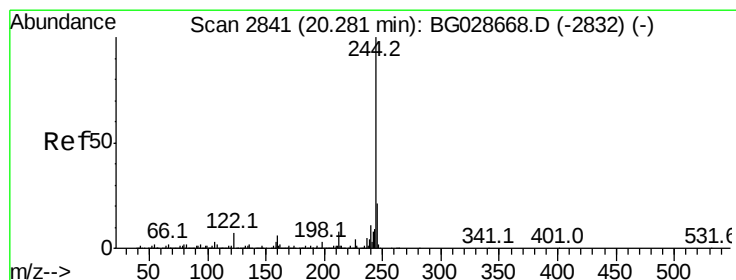
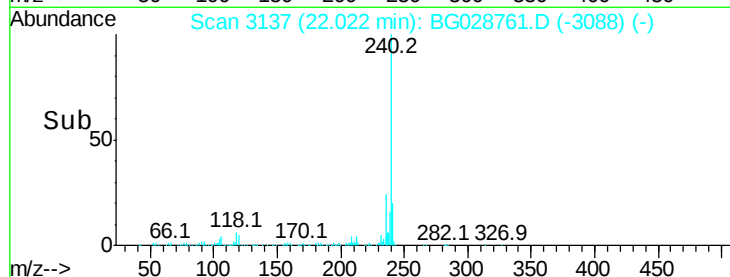
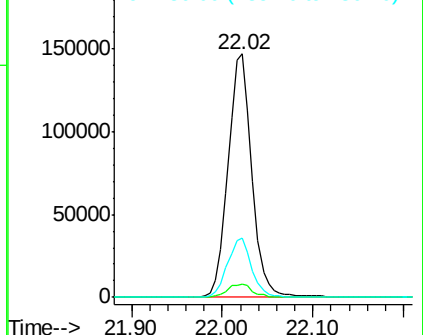
236 24.5 22.2 33.4



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: 87.708 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028761.D

Acq: 15 Sep 2017 9:56

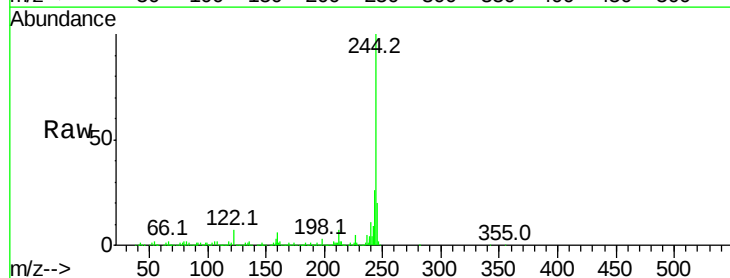
Tgt Ion:244 Resp: 1106975

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

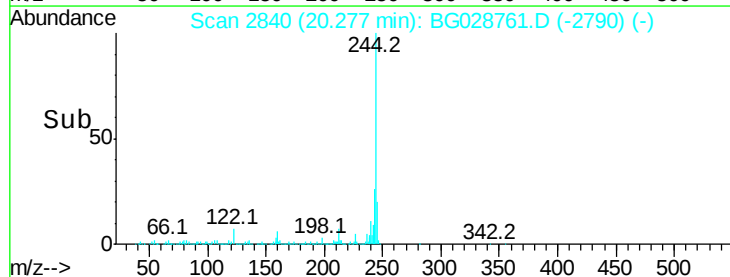
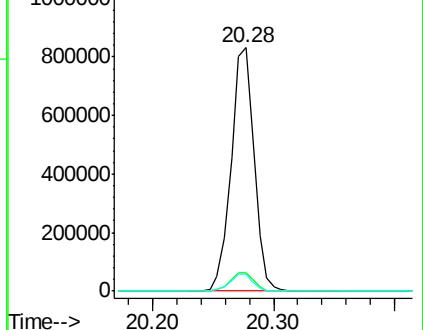
122 7.0 8.6 12.8#

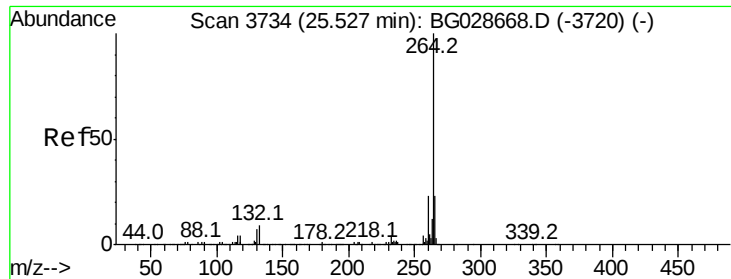


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

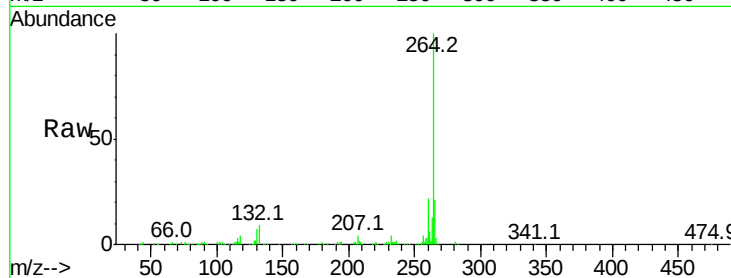




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.00 min
 Lab File: BG028761.D
 Acq: 15 Sep 2017 9:56

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	21.8	32.8#
265	20.6	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

