

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG037011.D
 Acq On : 27 Sep 2018 10:44
 Operator : JU/SJ
 Sample : J5052-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 092018-SIDI-E-U-S

Quant Time: Sep 27 13:17:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

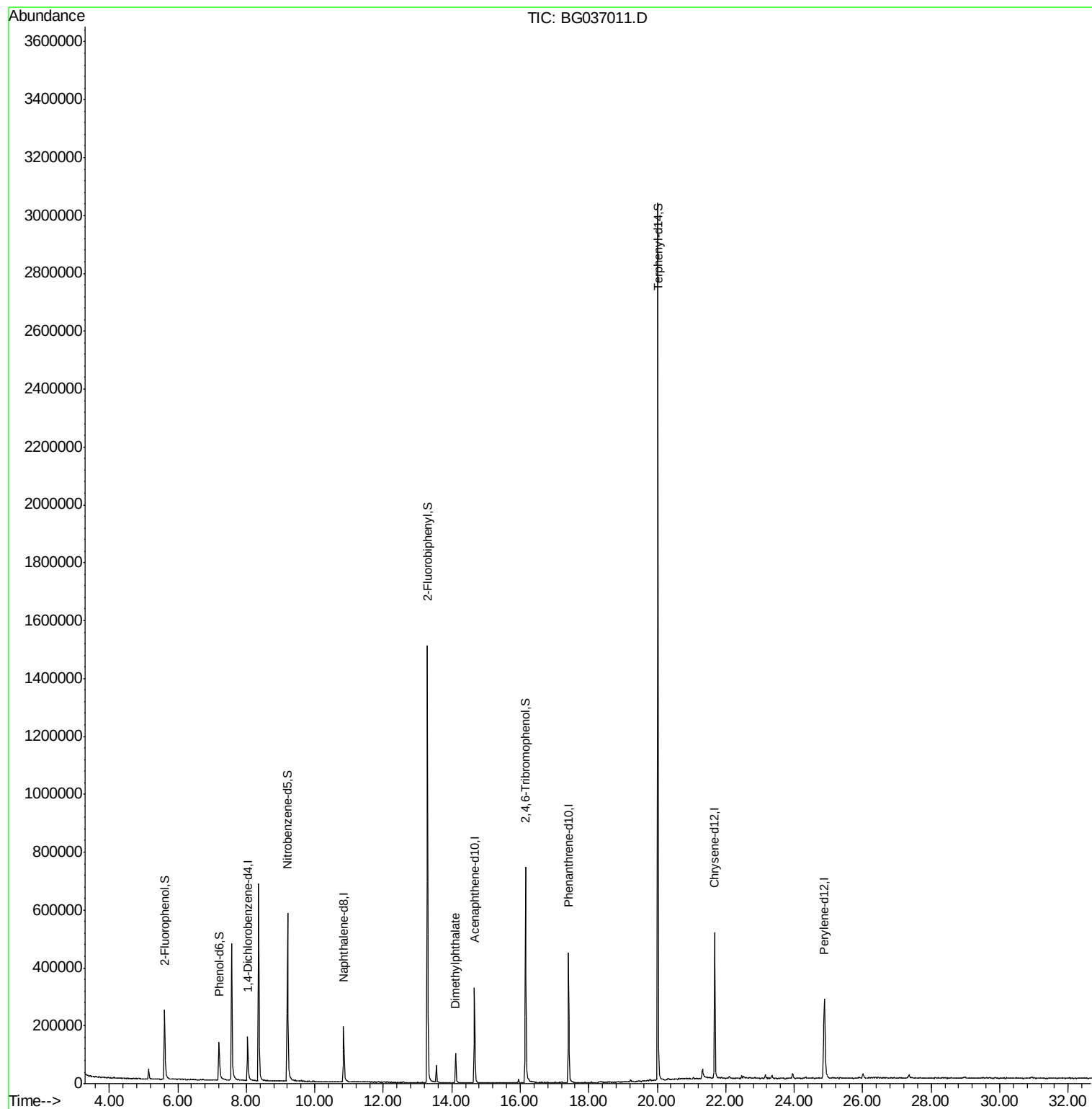
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48658	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	200156	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	125746	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	309051	20.00	ng	0.00
75) Chrysene-d12	21.68	240	321350	20.00	ng	-0.01
86) Perylene-d12	24.88	264	317132	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	117160	46.18	ng	0.00
7) Phenol-d6	7.20	99	102553	26.12	ng	-0.01
23) Nitrobenzene-d5	9.20	82	415414	111.14	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	151801	100.90	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	835753	98.99	ng	-0.01
78) Terphenyl-d14	20.02	244	1430372	117.04	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.11	163	77324	7.639	ng	100

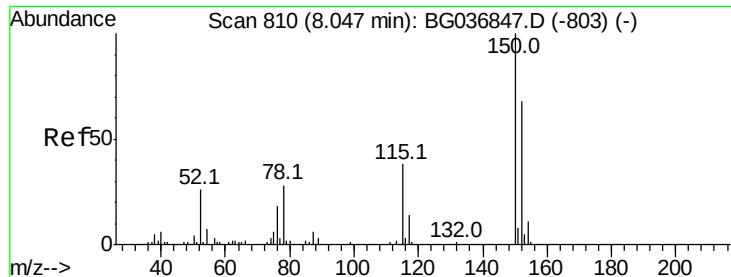
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037011.D

Acq: 27 Sep 2018 10:44

Instrument :

BNA_G

ClientSampleId :

092018-SIDI-E-U-S

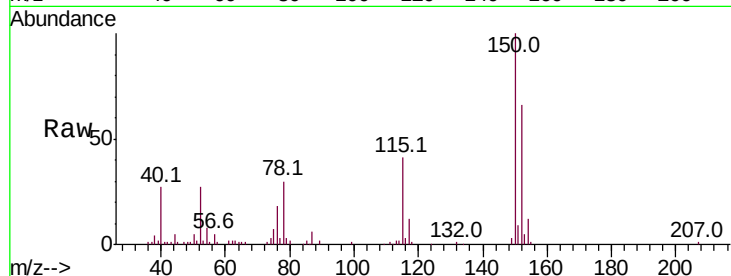
Tot Ion:152 Resp: 48658

Ion Ratio Lower Upper

152 100

150 151.9 119.5 179.3

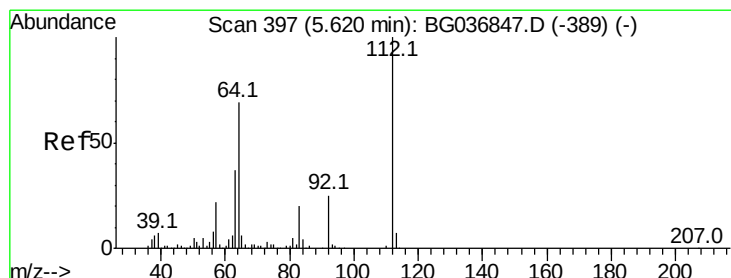
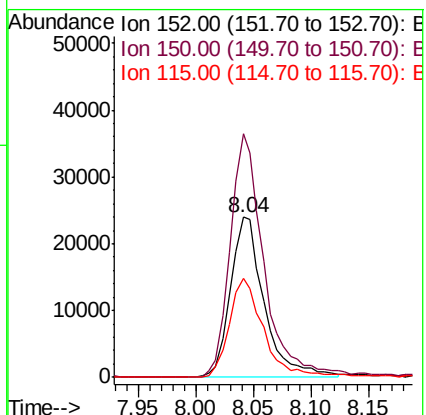
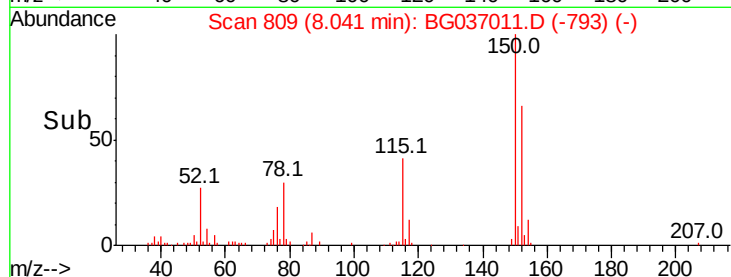
115 61.8 44.5 66.7



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: 46.177 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037011.D

Acq: 27 Sep 2018 10:44

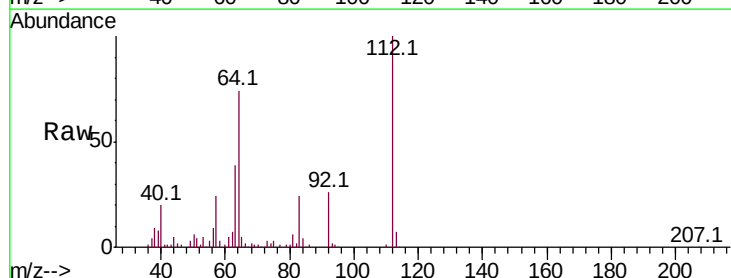
Tgt Ion:112 Resp: 117160

Ion Ratio Lower Upper

112 100

64 73.6 57.2 85.8

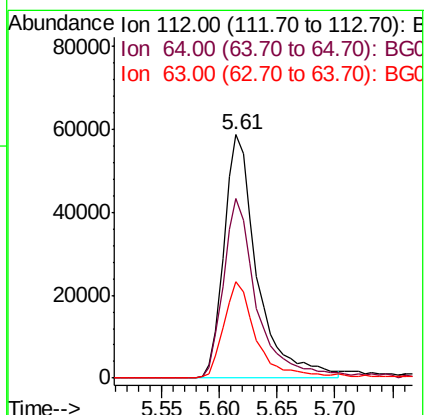
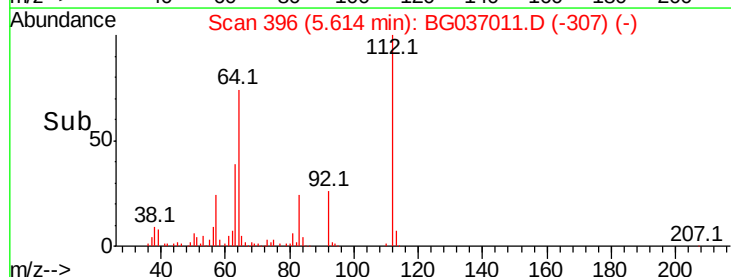
63 39.3 30.8 46.2

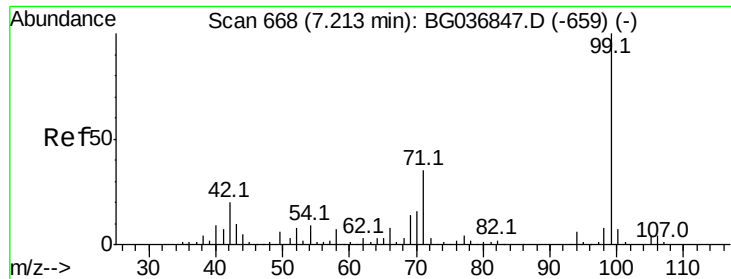


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 26.125 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037011.D

Acq: 27 Sep 2018 10:44

Instrument :

BNA_G

ClientSampleId :

092018-SIDI-E-U-S

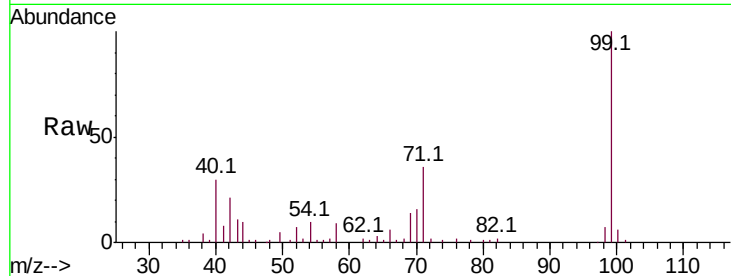
Tot Ion: 99 Resp: 102553

Ion Ratio Lower Upper

99 100

42 21.2 16.5 24.7

71 35.6 29.4 44.2

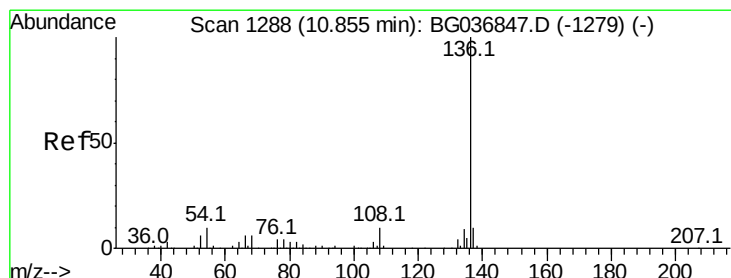
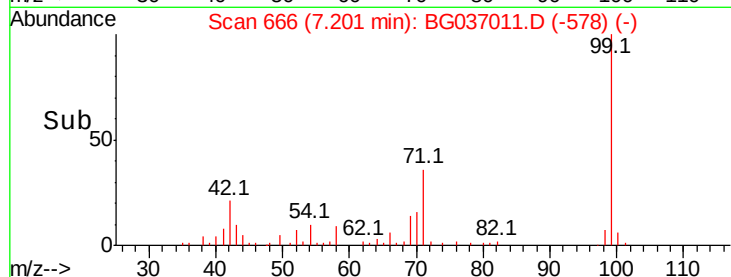
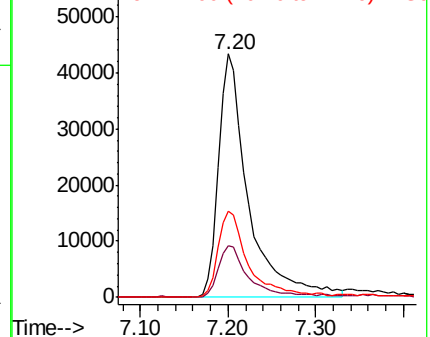


Abundance

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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037011.D

Acq: 27 Sep 2018 10:44

Tgt Ion: 136 Resp: 200156

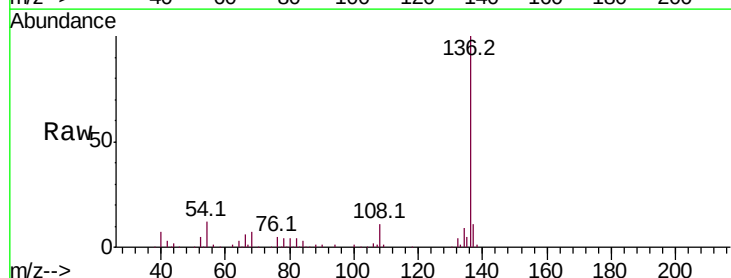
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.8 9.2 13.8

68 6.6 5.8 8.6



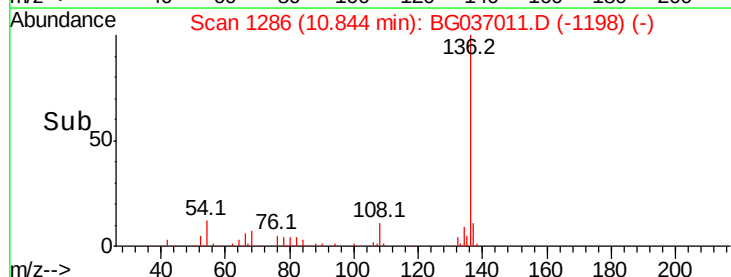
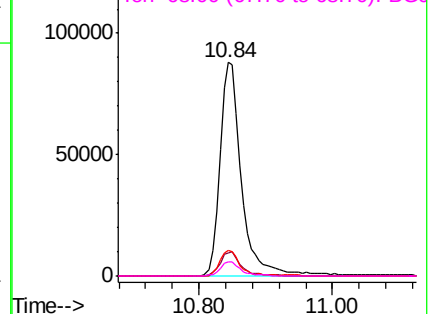
Abundance

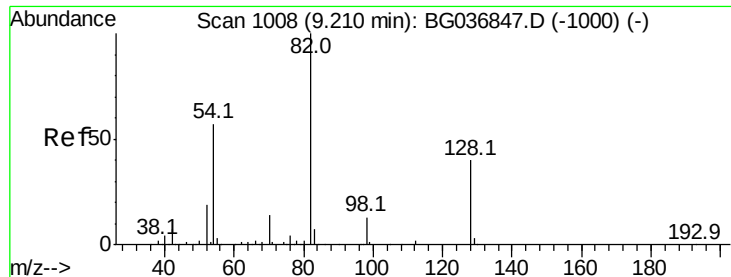
Ion 136.00 (135.70 to 136.70): BGC

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

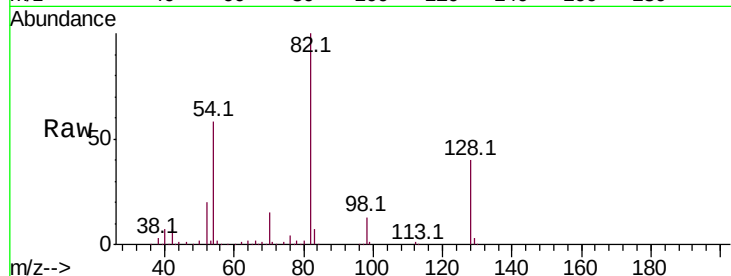




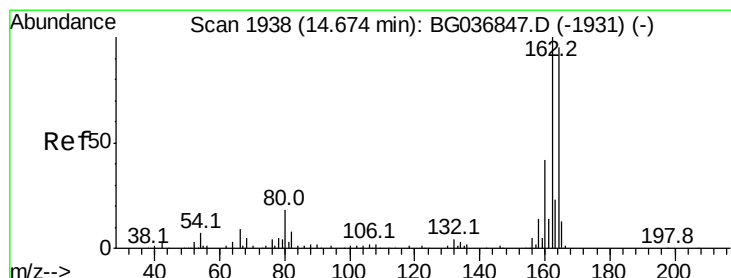
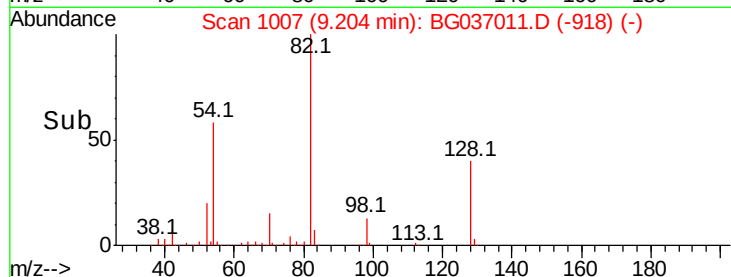
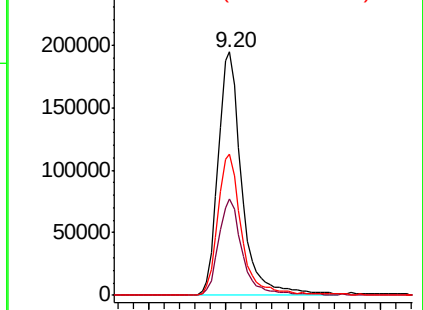
#23
Nitrobenzene-d5
Concen: 111.143 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037011.D
Acq: 27 Sep 2018 10:44

Instrument :
BNA_G
ClientSampleId :
092018-SIDI-E-U-S

Tot Ion	82	Resp	415414
Ion Ratio	Lower	Upper	
82	100		
128	39.9	33.3	49.9
54	57.8	45.1	67.7

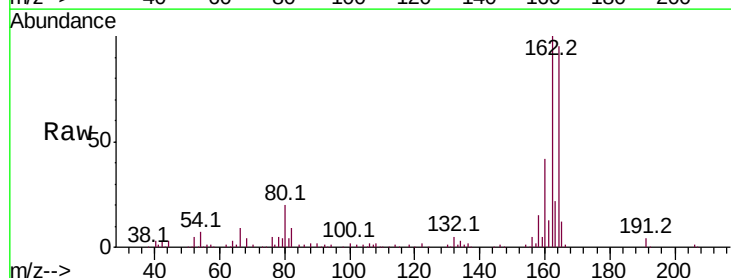


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

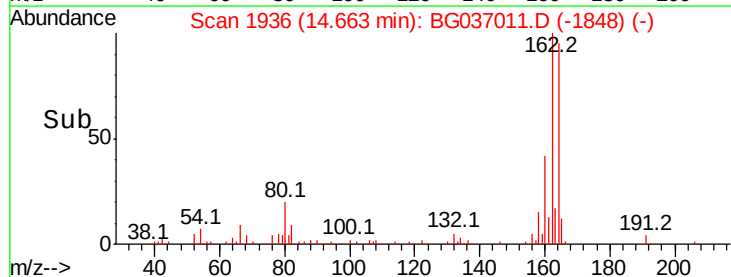
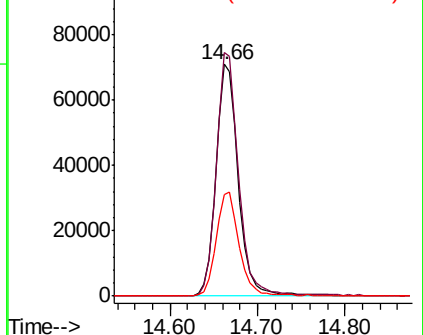


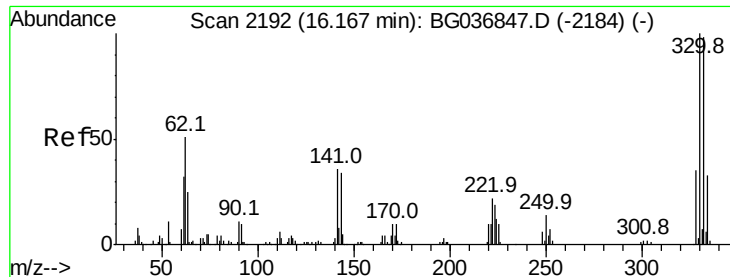
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037011.D
Acq: 27 Sep 2018 10:44

Tgt Ion	164	Resp	125746
Ion Ratio	Lower	Upper	
164	100		
162	105.0	80.7	121.1
160	43.9	35.3	52.9



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: 100.900 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037011.D

Acq: 27 Sep 2018 10:44

Instrument :

BNA_G

ClientSampleId :

092018-SIDI-E-U-S

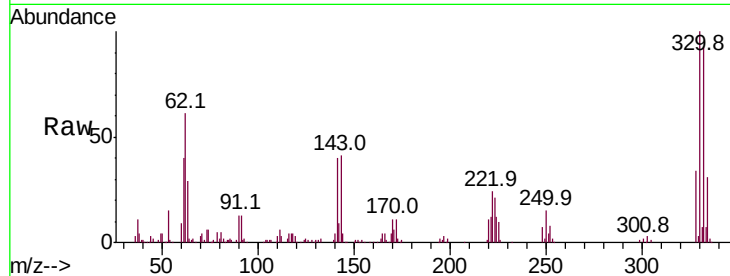
Tot Ion:330 Resp: 151801

Ion Ratio Lower Upper

330 100

332 96.2 75.4 113.2

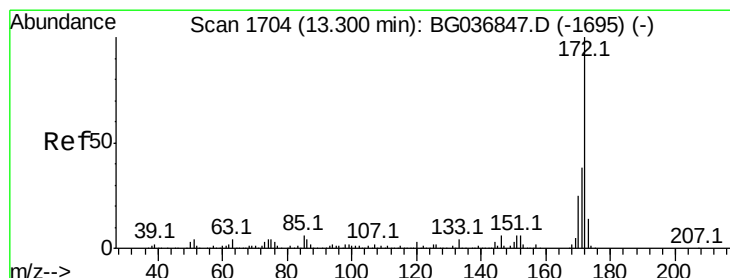
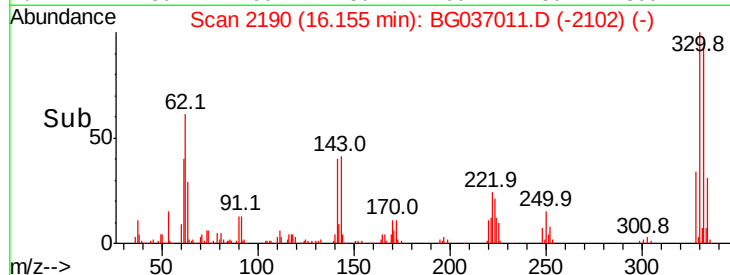
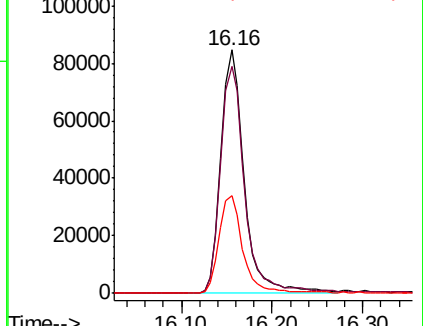
141 41.0 30.7 46.1



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: 98.990 ng

RT: 13.29 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG037011.D

Acq: 27 Sep 2018 10:44

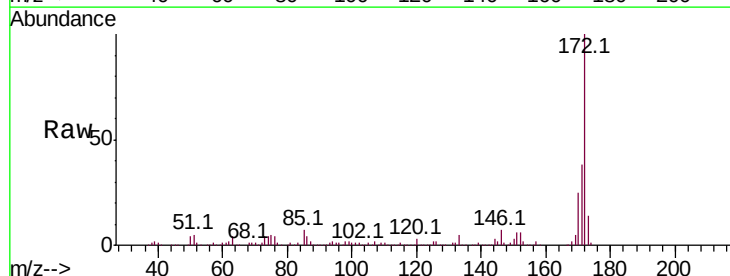
Tgt Ion:172 Resp: 835753

Ion Ratio Lower Upper

172 100

171 38.2 31.3 46.9

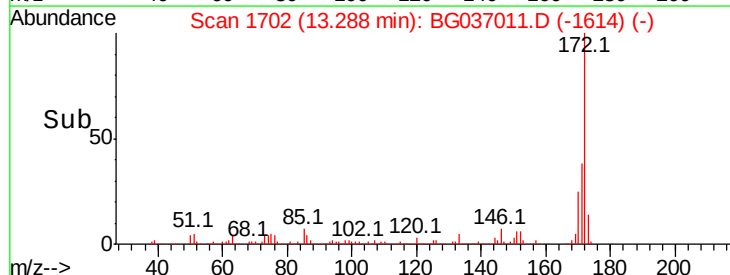
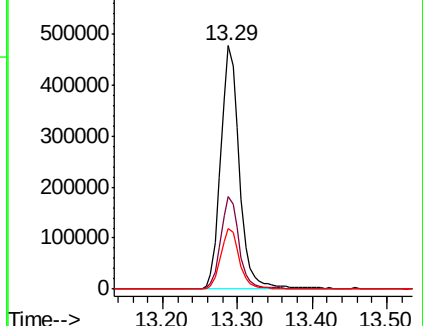
170 25.1 21.0 31.6

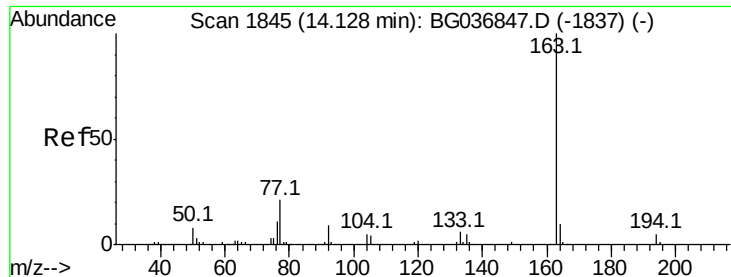


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.639 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG037011.D

Acq: 27 Sep 2018 10:44

Instrument :

BNA_G

ClientSampleId :

092018-SIDI-E-U-S

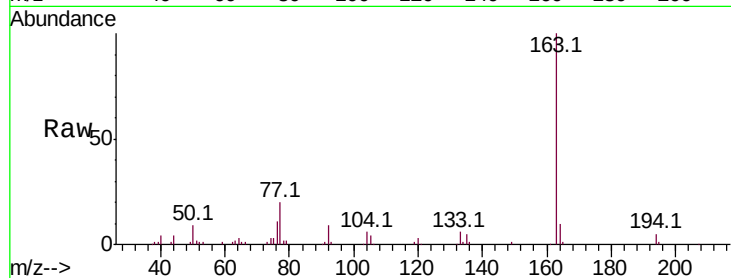
Tot Ion:163 Resp: 77324

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

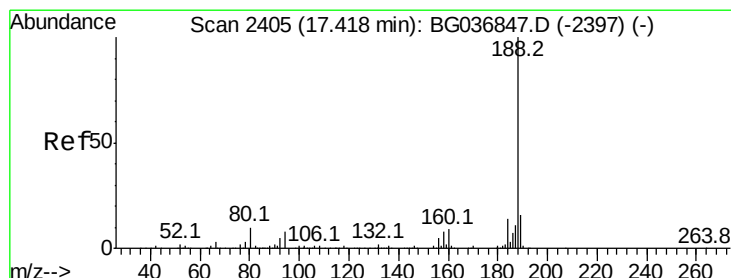
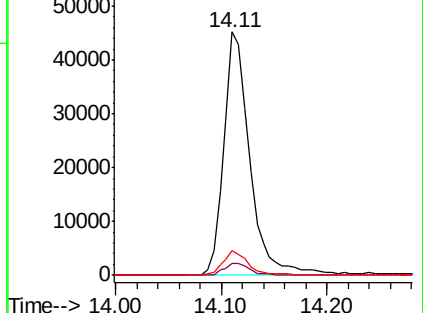
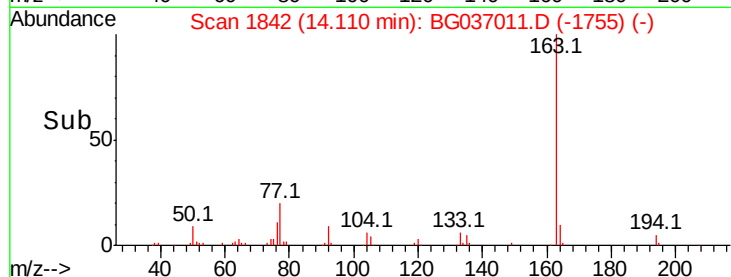
164 10.0 8.1 12.1



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: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037011.D

Acq: 27 Sep 2018 10:44

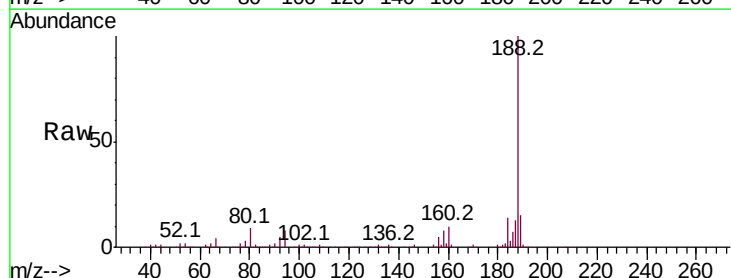
Tgt Ion:188 Resp: 309051

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

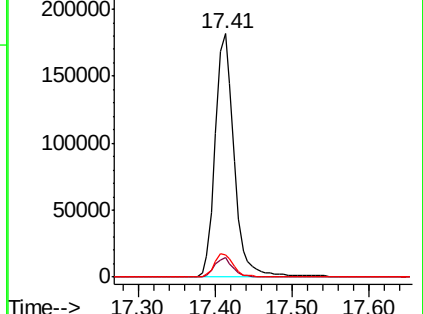
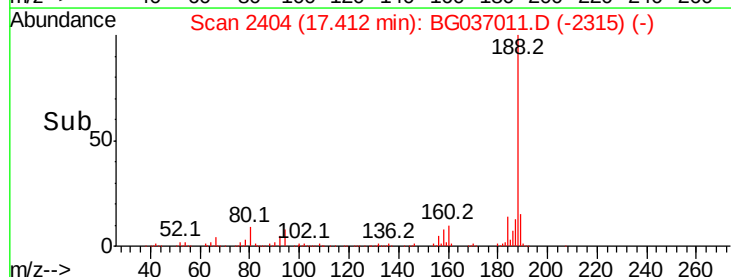
80 9.3 8.1 12.1

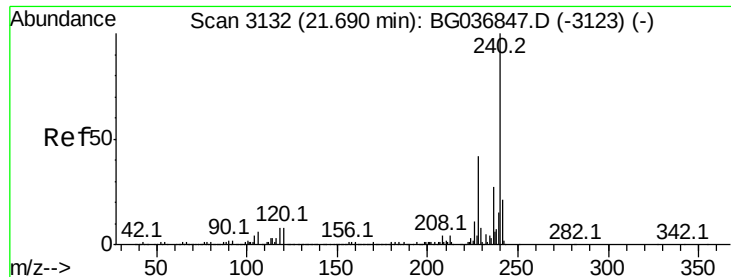


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037011.D

Acq: 27 Sep 2018 10:44

Instrument :

BNA_G

ClientSampleId :

092018-SIDI-E-U-S

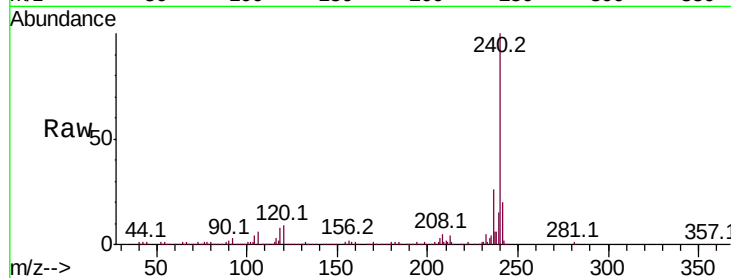
Tot Ion:240 Resp: 321350

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

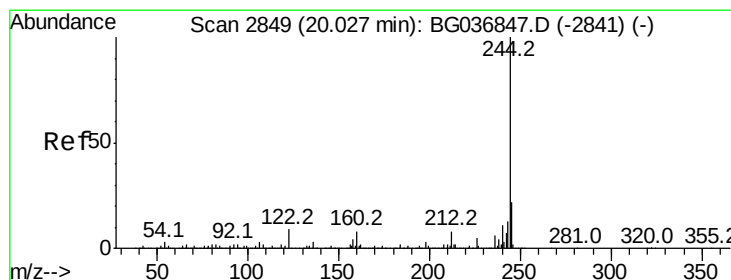
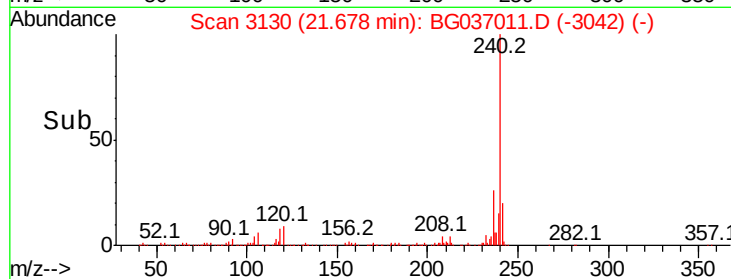
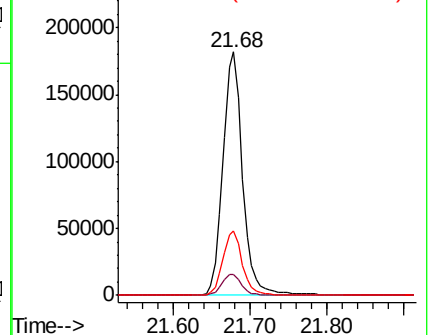
236 26.4 21.2 31.8



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: 117.042 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG037011.D

Acq: 27 Sep 2018 10:44

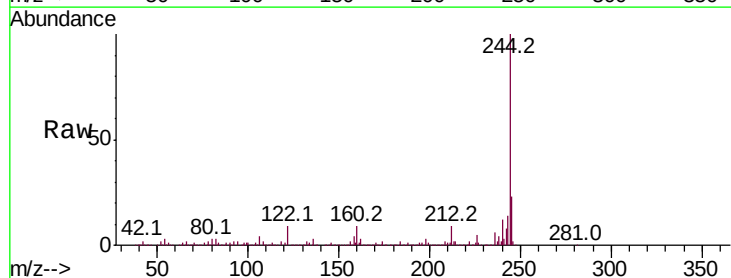
Tgt Ion:244 Resp: 1430372

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

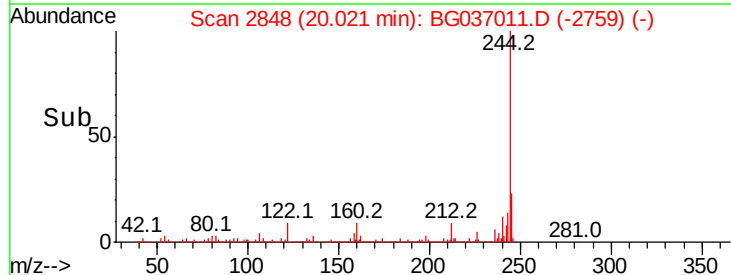
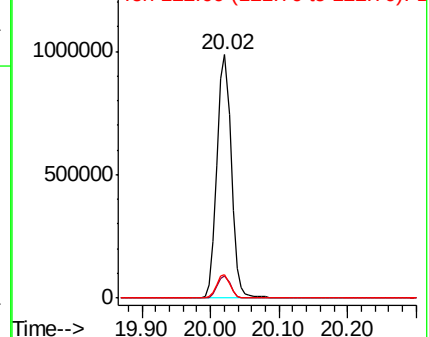
122 9.4 7.1 10.7

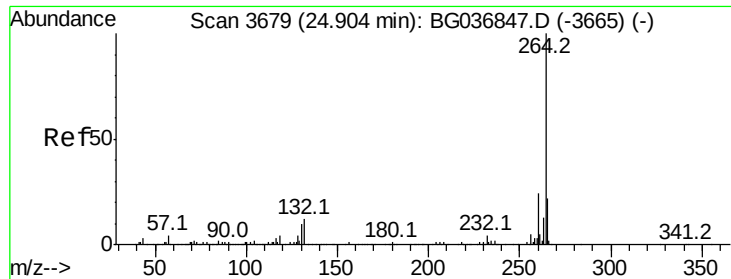


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

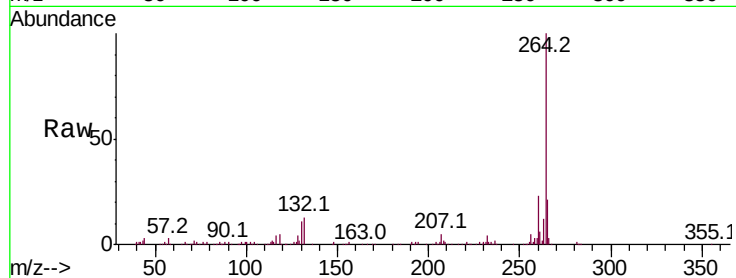




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037011.D
Acq: 27 Sep 2018 10:44

Instrument :
BNA_G
ClientSampleId :
092018-SIDI-E-U-S

Tot Ion:	264	Resp:	317132
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	20.7	17.4	26.0



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

