

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036600.D
 Acq On : 7 Sep 2018 17:01
 Operator : JU/SJ
 Sample : J4798-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090418-SIDI-E-U-M

Quant Time: Sep 08 01:16:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

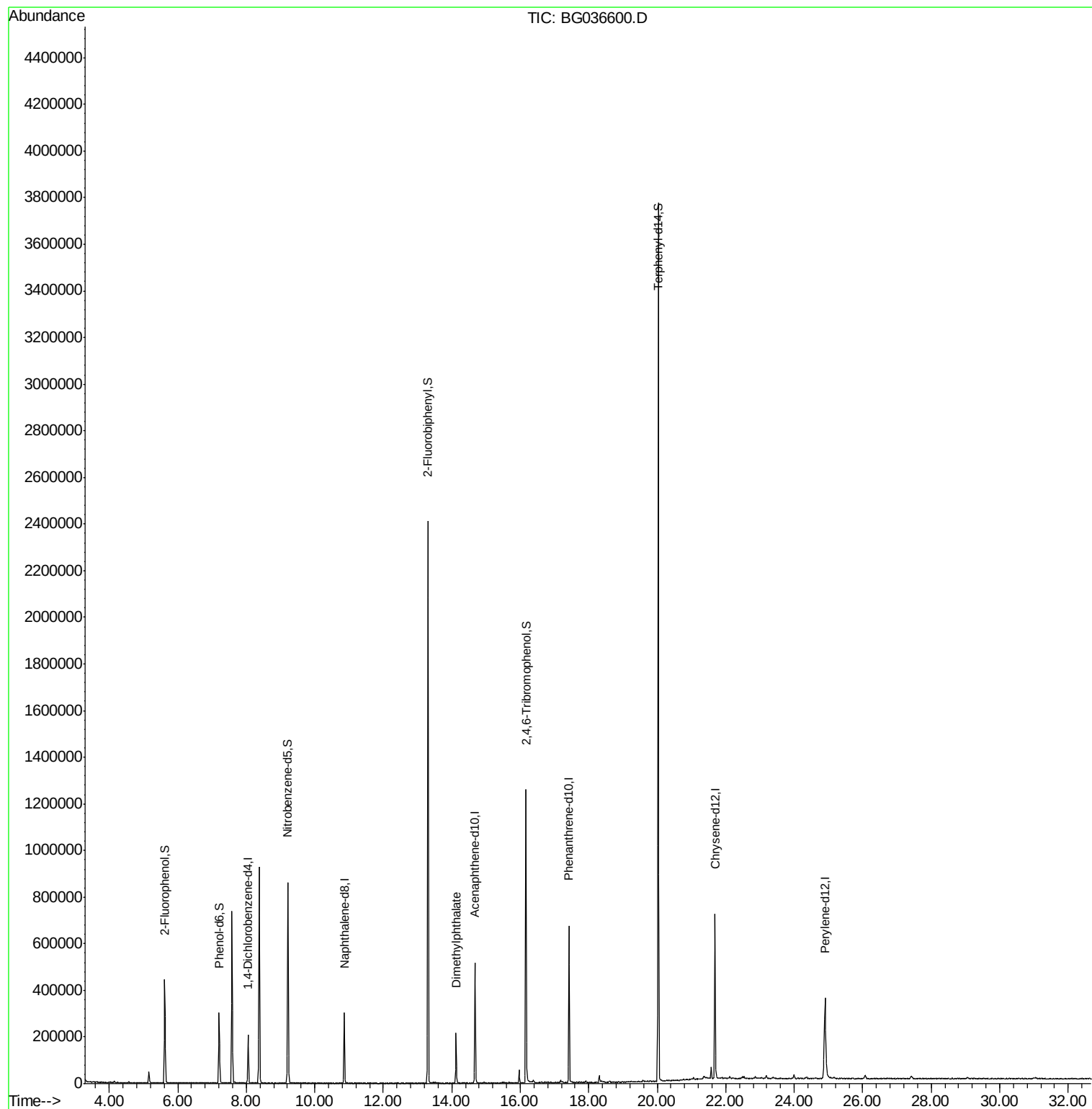
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59092	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	255616	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	176712	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	435769	20.00	ng	0.00
75) Chrysene-d12	21.68	240	437439	20.00	ng	-0.01
86) Perylene-d12	24.89	264	424712	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	185944	49.92	ng	0.00
7) Phenol-d6	7.21	99	172669	32.37	ng	-0.01
23) Nitrobenzene-d5	9.22	82	522265	110.86	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	236703	112.26	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1221411	98.69	ng	0.00
78) Terphenyl-d14	20.03	244	1764813	94.30	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	146958	10.185	ng	99

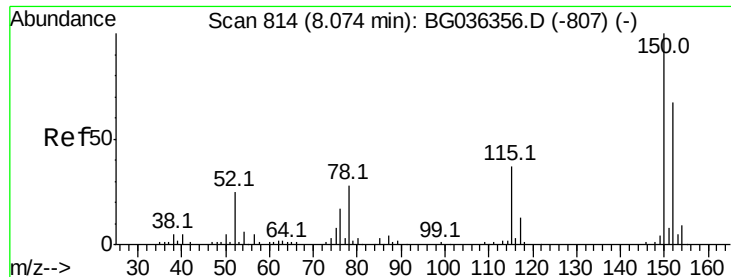
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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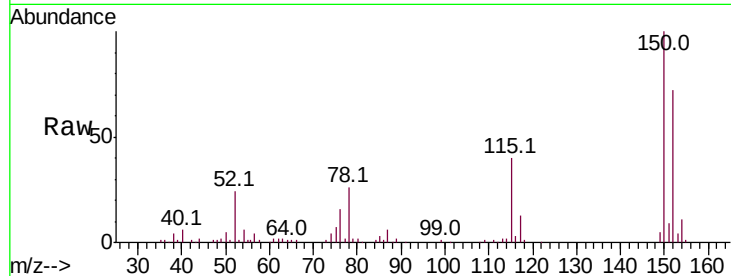


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036600.D
 Acq: 7 Sep 2018 17:01

Instrument :
 BNA_G
 ClientSampleId :
 090418-SIDI-E-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.8	119.5	179.3
115	55.3	44.5	66.7

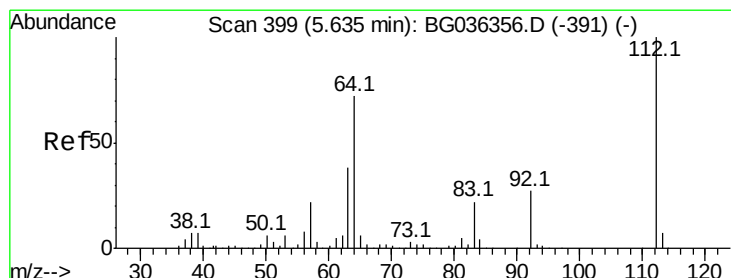
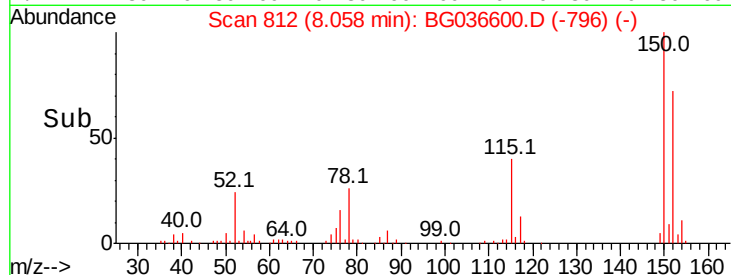
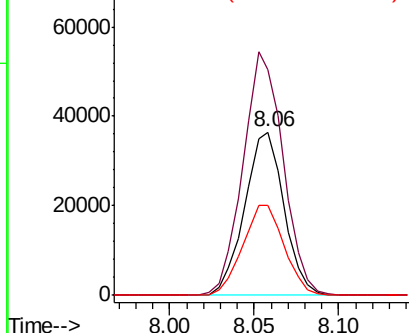


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

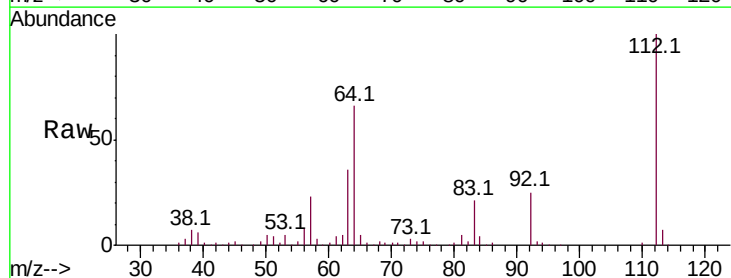
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 49.916 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036600.D
 Acq: 7 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	57.2	85.8
63	35.5	30.8	46.2

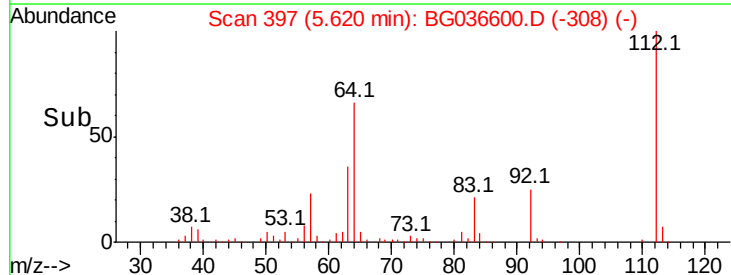
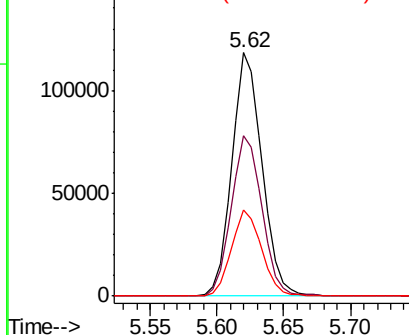


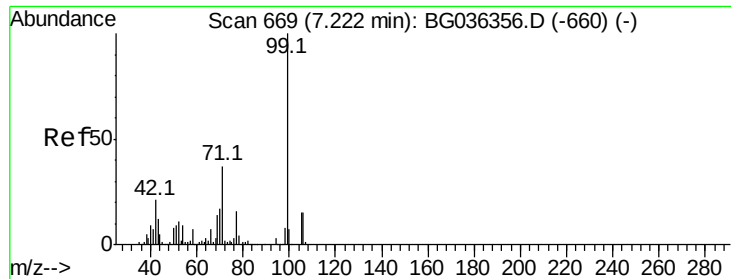
Abundance

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: 32.374 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036600.D

Acq: 7 Sep 2018 17:01

Instrument :

BNA_G

ClientSampleId :

090418-SIDI-E-U-M

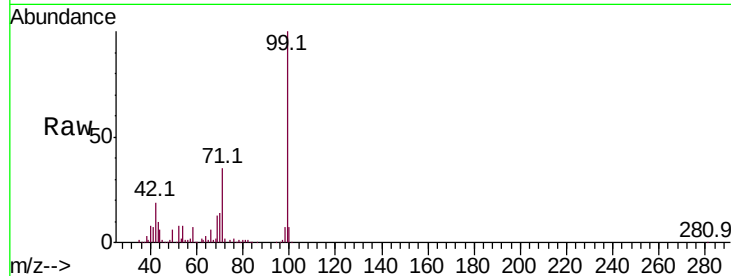
Tot Ion: 99 Resp: 172669

Ion Ratio Lower Upper

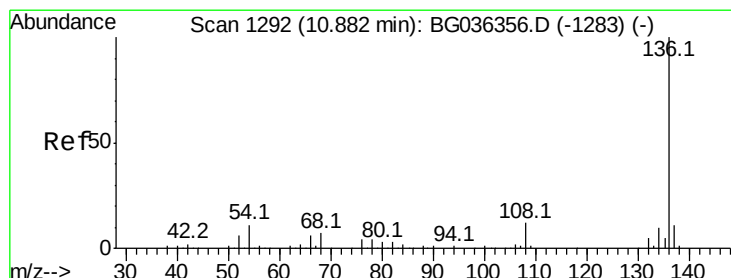
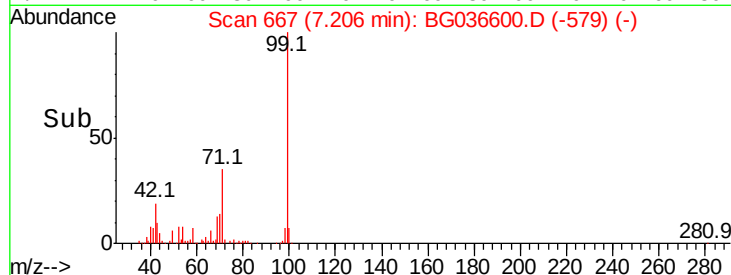
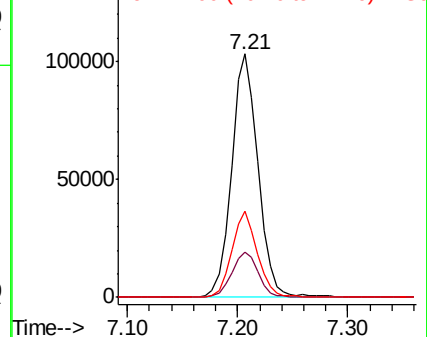
99 100

42 18.7 16.5 24.7

71 35.2 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: 10.86 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG036600.D

Acq: 7 Sep 2018 17:01

Tgt Ion: 136 Resp: 255616

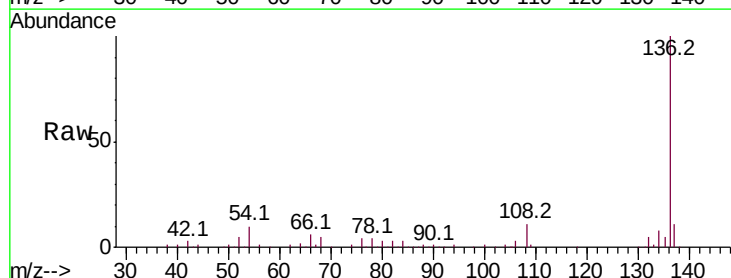
Ion Ratio Lower Upper

136 100

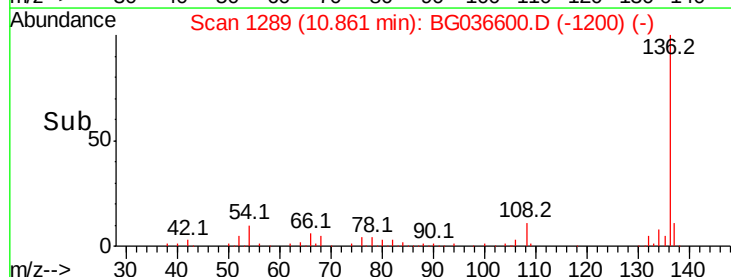
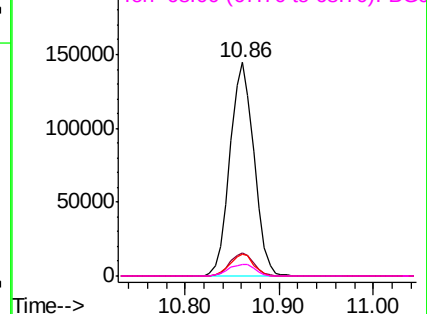
137 10.9 8.8 13.2

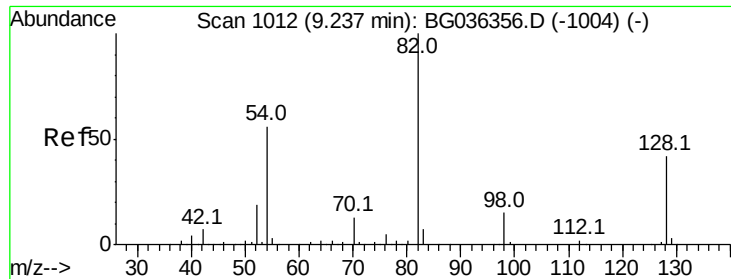
54 9.9 9.2 13.8

68 5.5 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

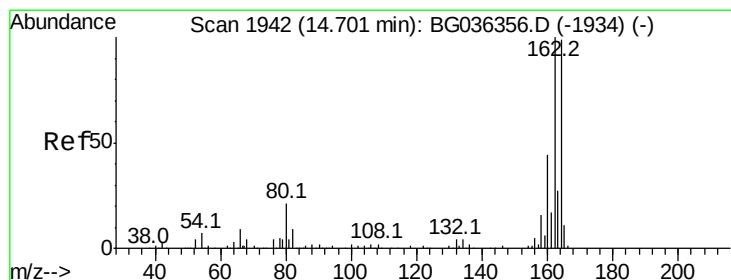
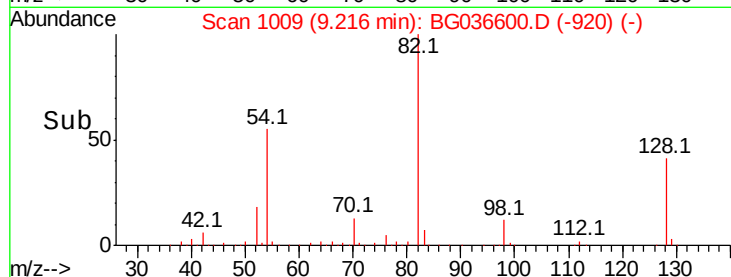
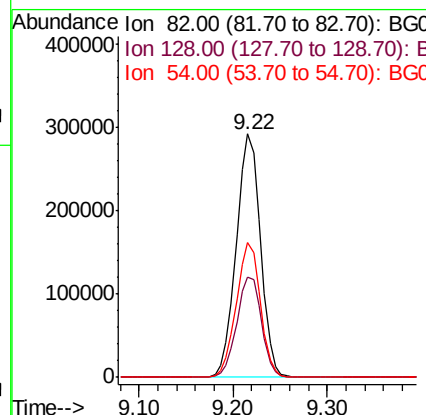
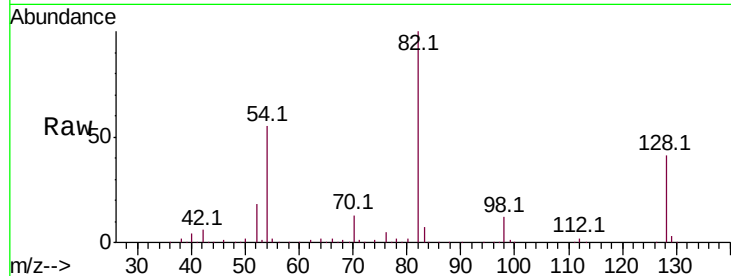




#23
Nitrobenzene-d5
Concen: 110.855 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036600.D
Acq: 7 Sep 2018 17:01

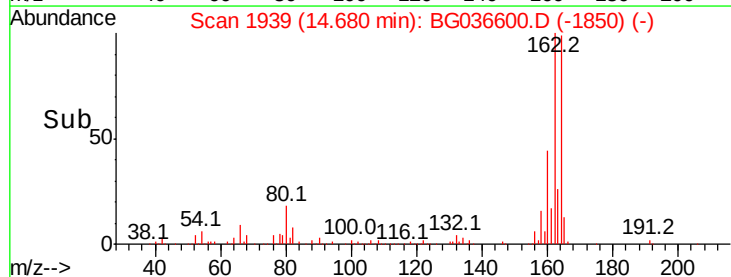
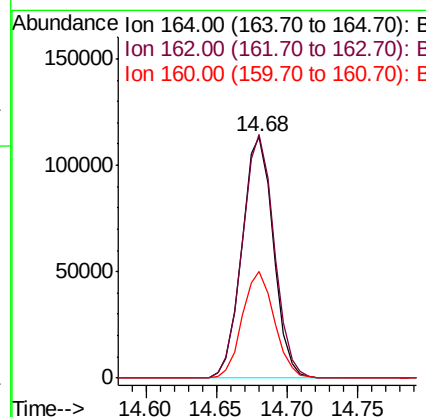
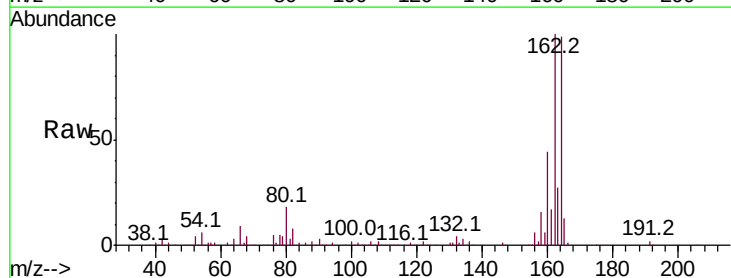
Instrument :
BNA_G
ClientSampleId :
090418-SIDI-E-U-M

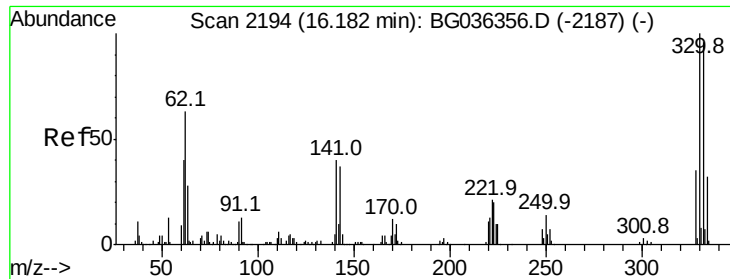
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.3	49.9
54	55.4	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036600.D
Acq: 7 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.7	121.1
160	44.3	35.3	52.9

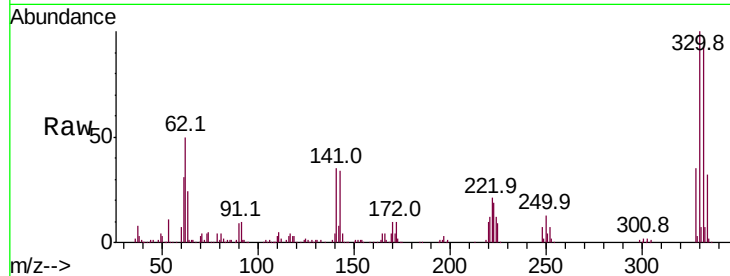




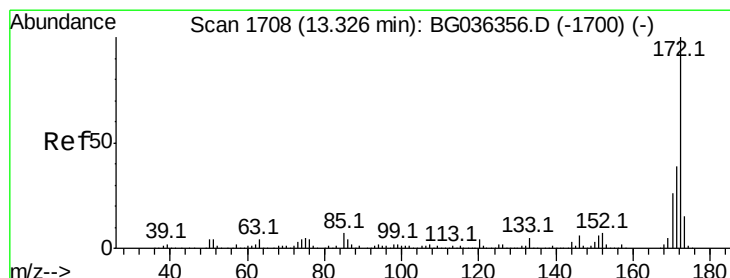
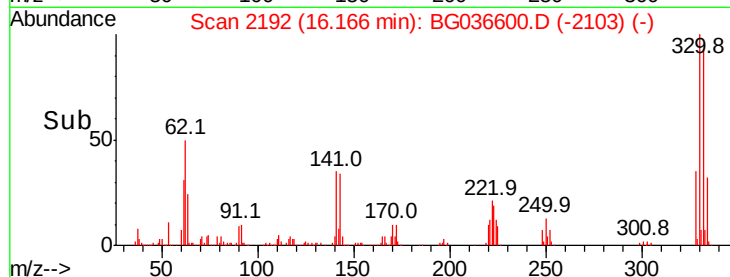
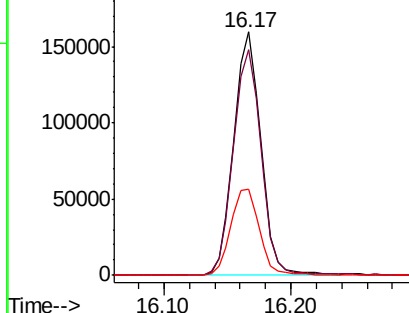
#41
 2,4,6-Tribromophenol
 Concen: 112.258 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036600.D
 Acq: 7 Sep 2018 17:01

Instrument :
 BNA_G
 ClientSampleId :
 090418-SIDI-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.2
141	37.6	30.7	46.1

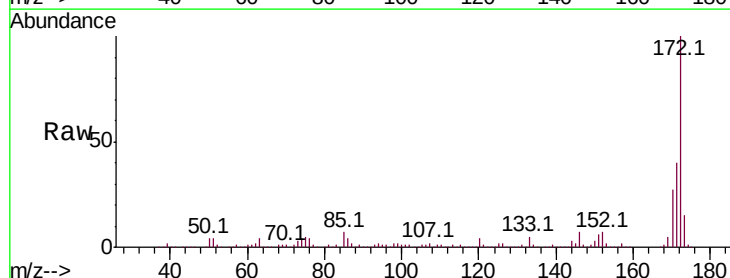


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

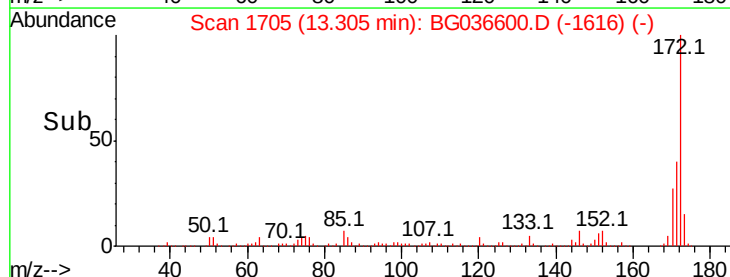
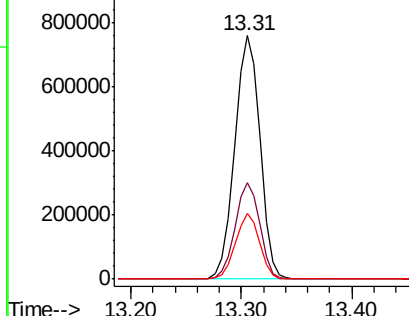


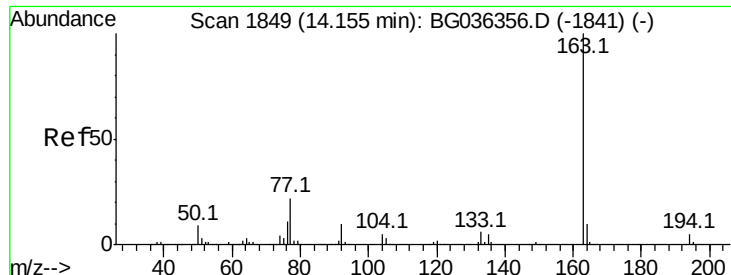
#44
 2-Fluorobiphenyl
 Concen: 98.689 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036600.D
 Acq: 7 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.3	46.9
170	26.9	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: 10.185 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036600.D

Acq: 7 Sep 2018 17:01

Instrument :

BNA_G

ClientSampleId :

090418-SIDI-E-U-M

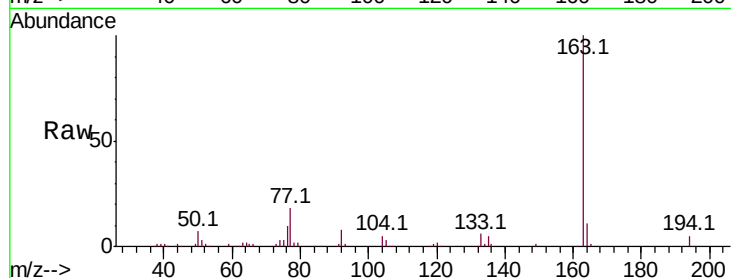
Tot Ion:163 Resp: 146958

Ion Ratio Lower Upper

163 100

194 5.2 4.0 6.0

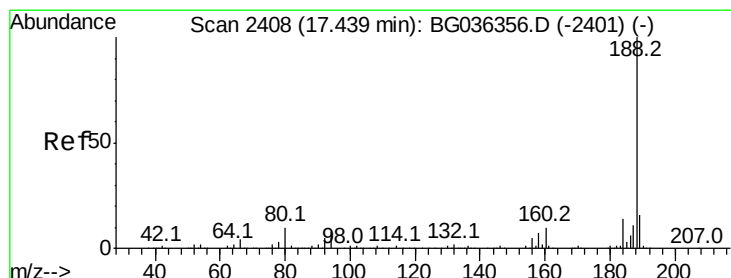
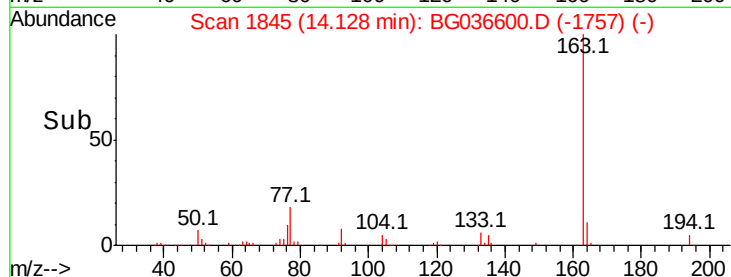
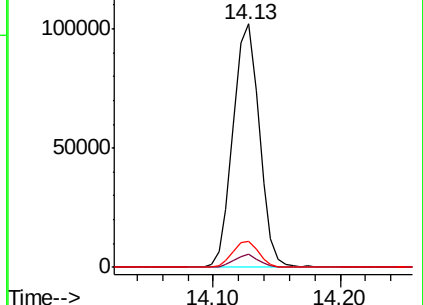
164 10.6 8.1 12.1



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: 17.42 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036600.D

Acq: 7 Sep 2018 17:01

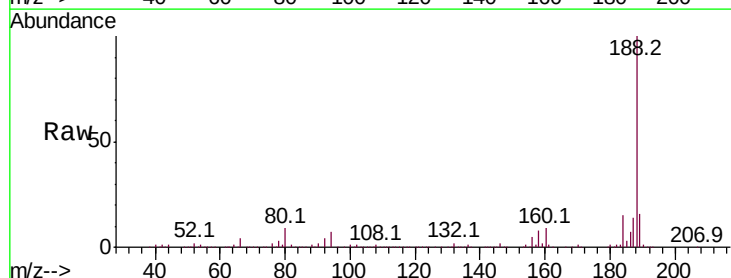
Tgt Ion:188 Resp: 435769

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

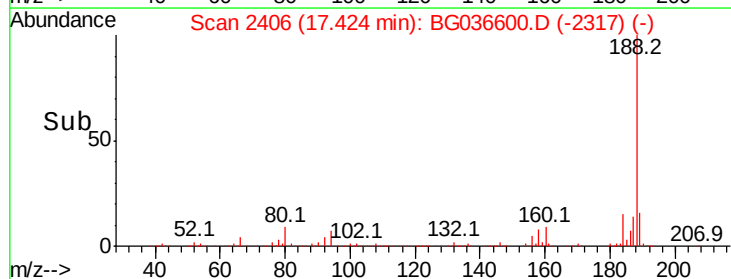
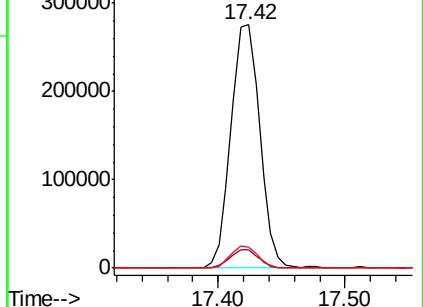
80 8.7 8.1 12.1

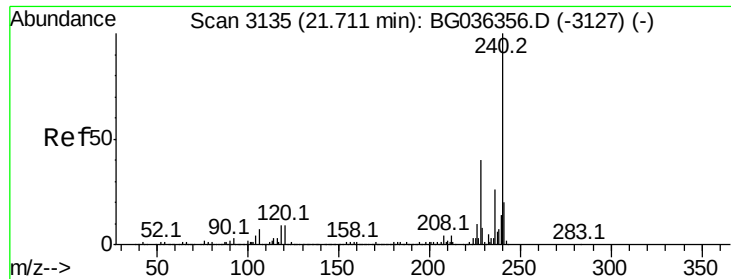


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3131

Delta R.T. -0.01 min

Lab File: BG036600.D

Acq: 7 Sep 2018 17:01

Instrument :

BNA_G

ClientSampleId :

090418-SIDI-E-U-M

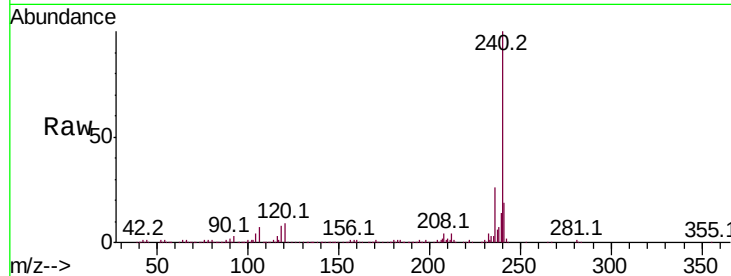
Tot Ion:240 Resp: 437439

Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

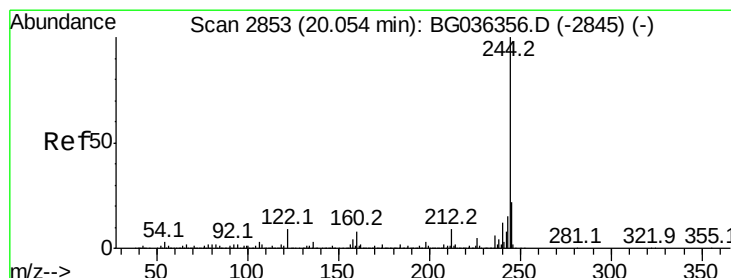
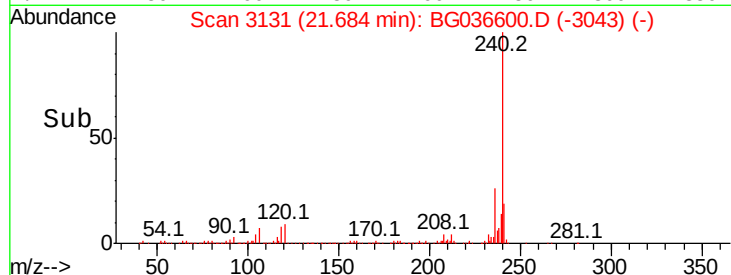
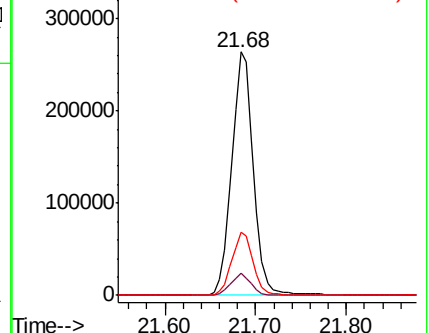
236 25.9 21.2 31.8



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: 94.298 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036600.D

Acq: 7 Sep 2018 17:01

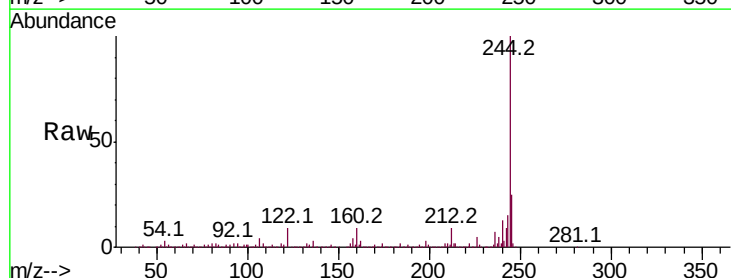
Tgt Ion:244 Resp: 1764813

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

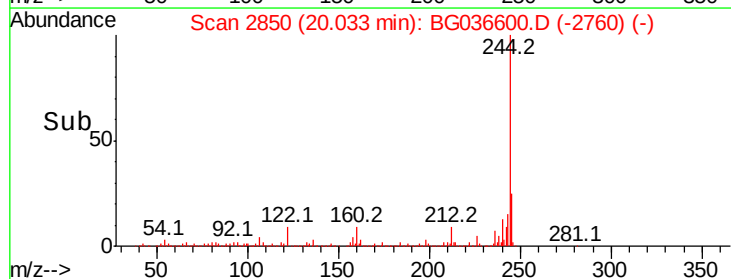
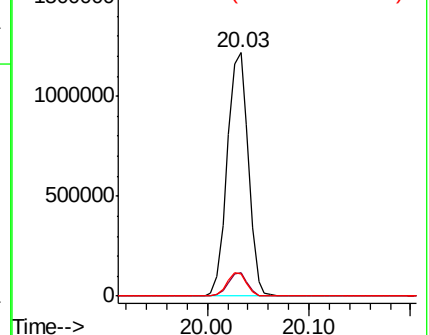
122 9.2 7.1 10.7

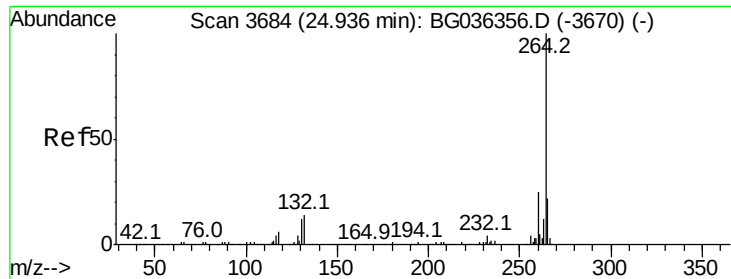


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

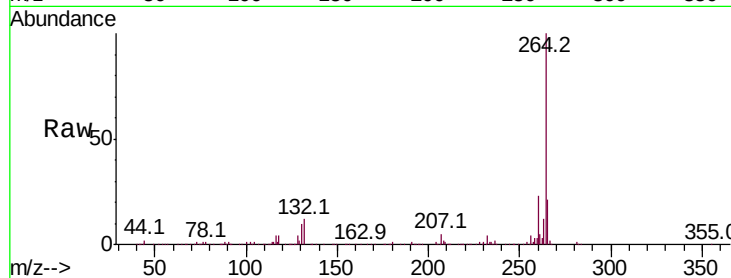




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036600.D
 Acq: 7 Sep 2018 17:01

Instrument :
 BNA_G
 ClientSampleId :
 090418-SIDI-E-U-M

Tot Ion:	264	Resp:	424712
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.2	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

