

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091318\
 Data File : BG036689.D
 Acq On : 13 Sep 2018 19:18
 Operator : JU/SJ
 Sample : J4875-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091118-SIDI-F-D-S

Quant Time: Sep 14 01:32:10 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

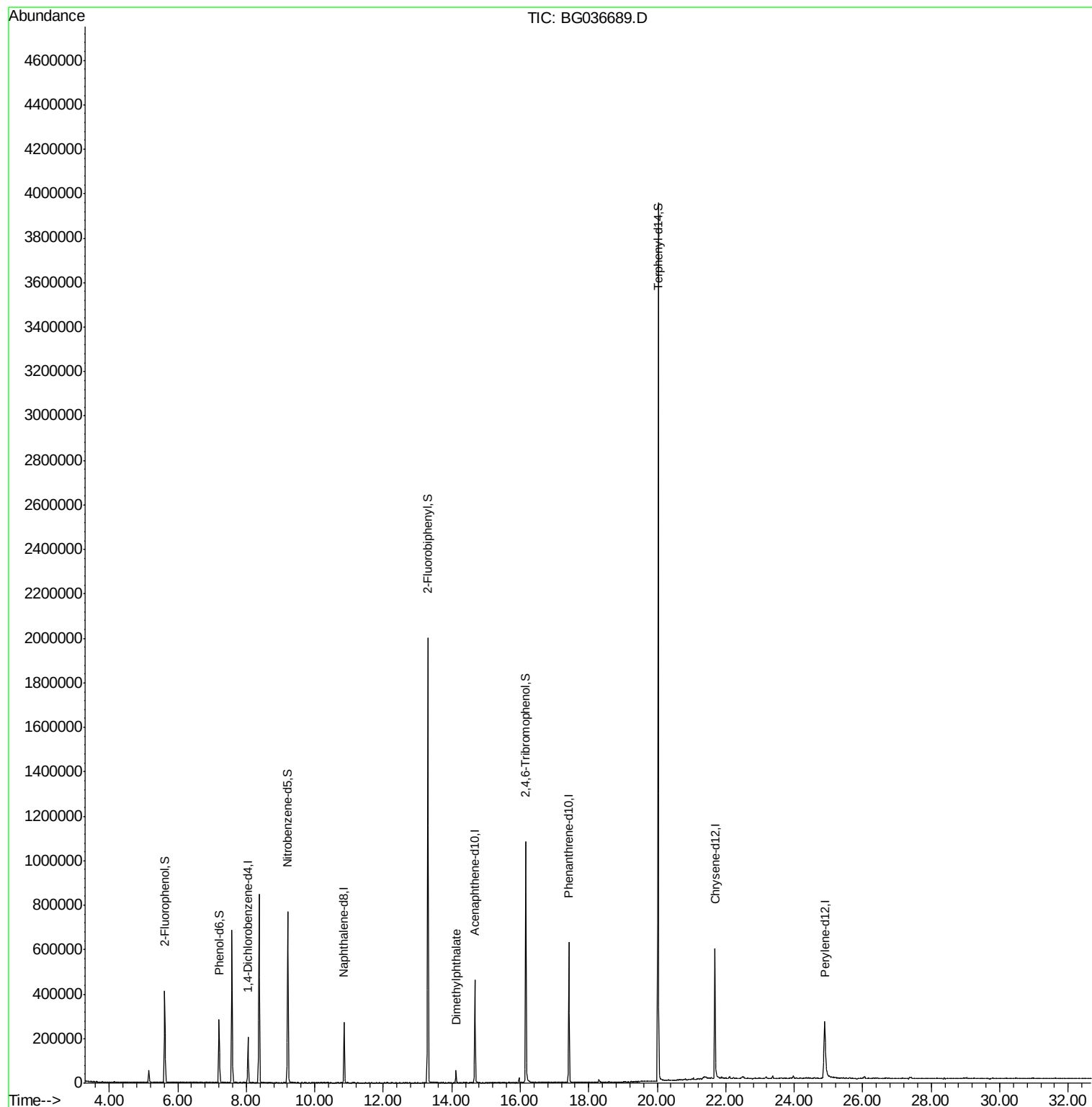
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55631	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	237485	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	155491	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	391031	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	395781	20.00	ng	-0.01
86) Perylene-d12	24.89	264	349121	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	170266	48.55	ng	0.00
7) Phenol-d6	7.21	99	166303	33.12	ng	-0.01
23) Nitrobenzene-d5	9.21	82	471830	107.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	204677	110.32	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1032700	94.83	ng	-0.01
78) Terphenyl-d14	20.03	244	1803895	106.53	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.12	163	38598	3.040	ng	98

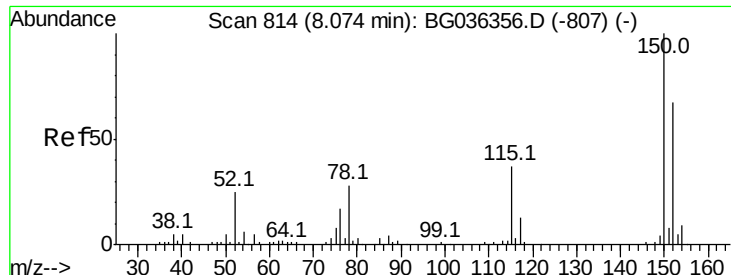
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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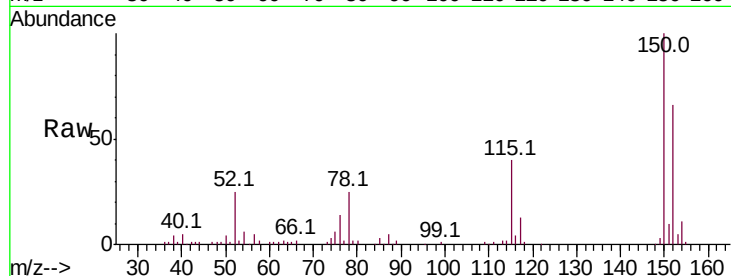


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036689.D
 Acq: 13 Sep 2018 19:18

Instrument :
 BNA_G
 ClientSampleId :
 091118-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	119.5	179.3
115	60.4	44.5	66.7

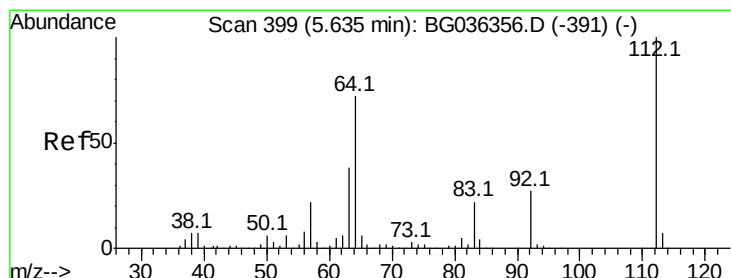
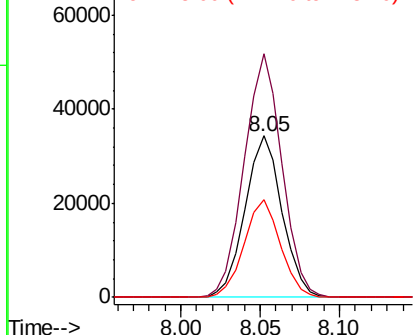
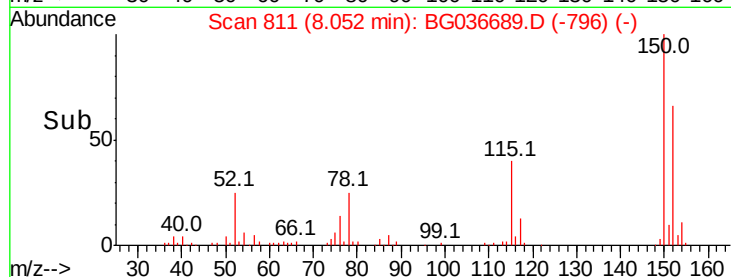


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

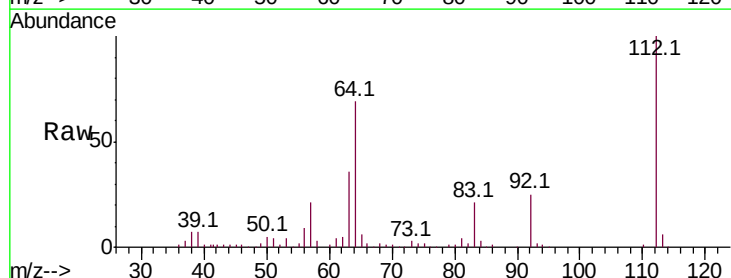
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 48.551 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036689.D
 Acq: 13 Sep 2018 19:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.2	85.8
63	35.6	30.8	46.2

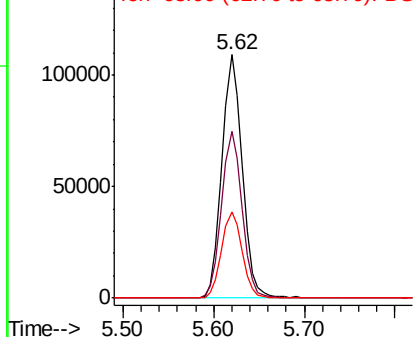
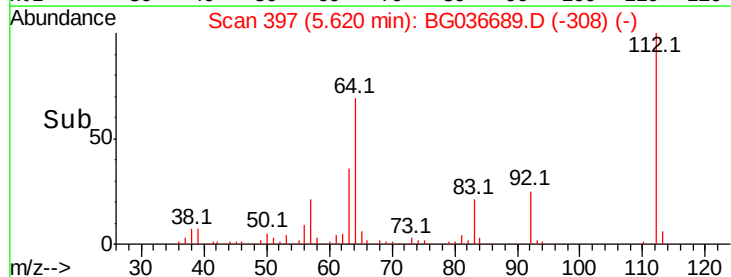


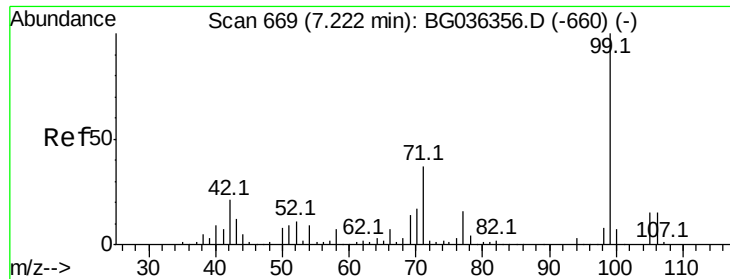
Abundance

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: 33.121 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036689.D

Acq: 13 Sep 2018 19:18

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-D-S

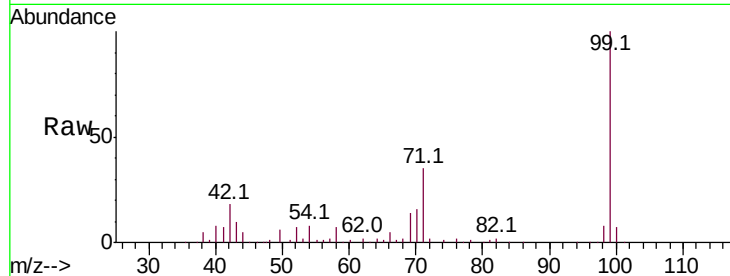
Tot Ion: 99 Resp: 166303

Ion Ratio Lower Upper

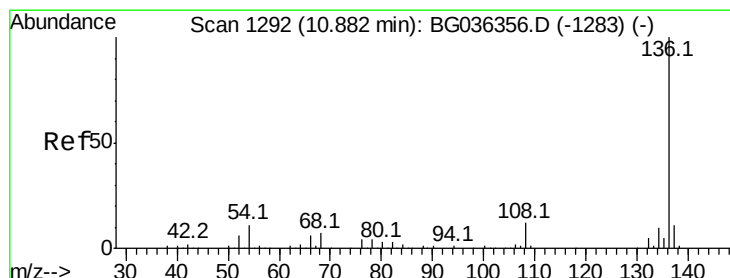
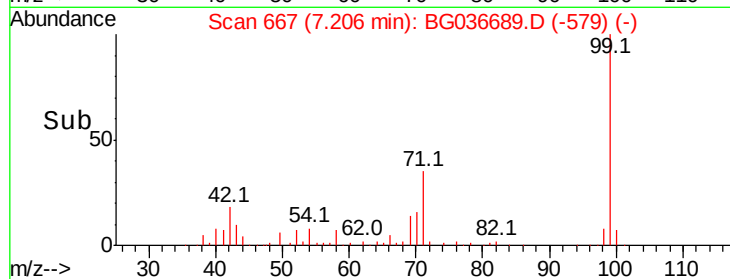
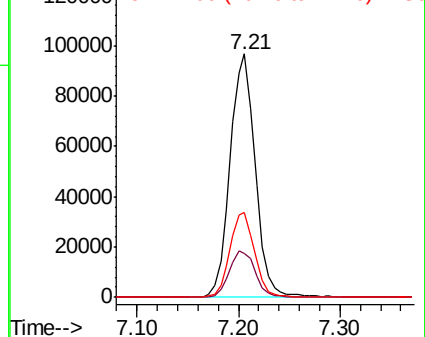
99 100

42 18.0 16.5 24.7

71 34.8 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: 10.85 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036689.D

Acq: 13 Sep 2018 19:18

Tgt Ion: 136 Resp: 237485

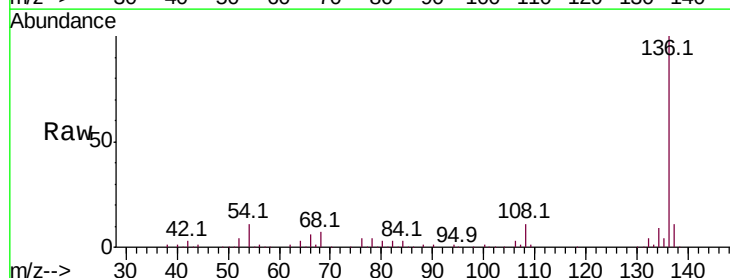
Ion Ratio Lower Upper

136 100

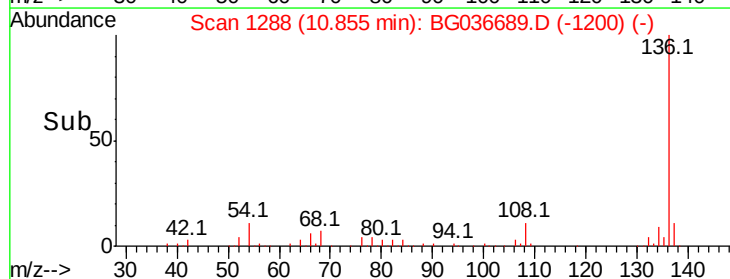
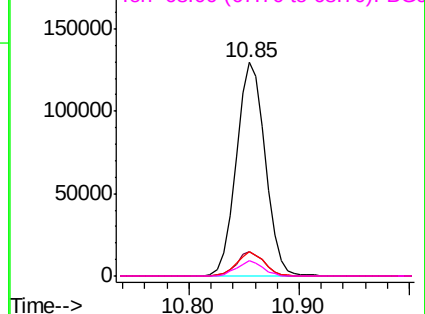
137 11.5 8.8 13.2

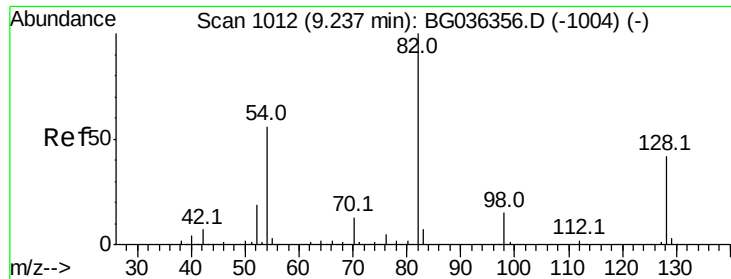
54 11.4 9.2 13.8

68 7.0 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

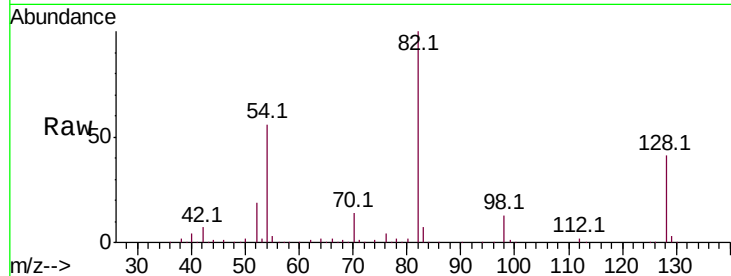




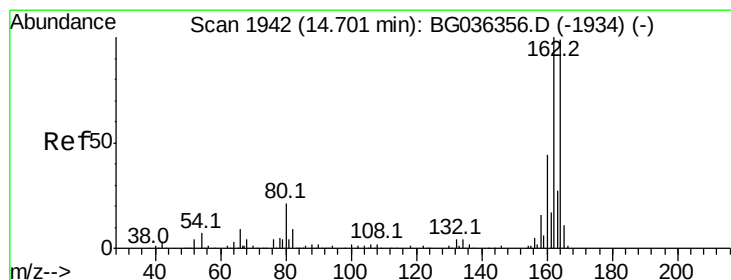
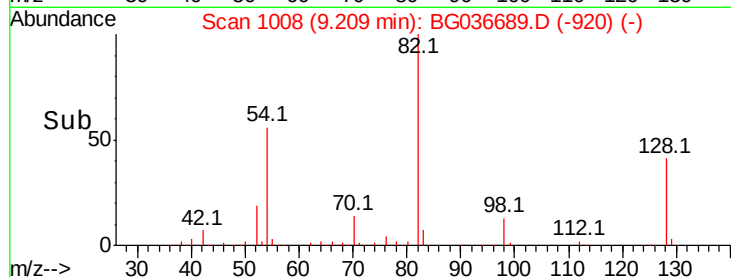
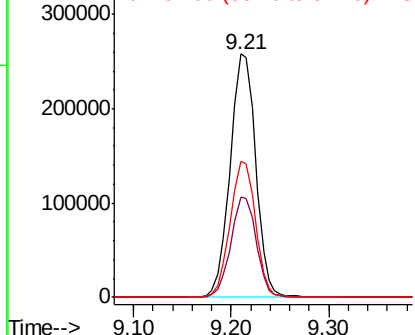
#23
Nitrobenzene-d5
Concen: 107.796 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036689.D
Acq: 13 Sep 2018 19:18

Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-D-S

Tot Ion: 82 Resp: 471830
Ion Ratio Lower Upper
82 100
128 41.3 33.3 49.9
54 55.9 45.1 67.7

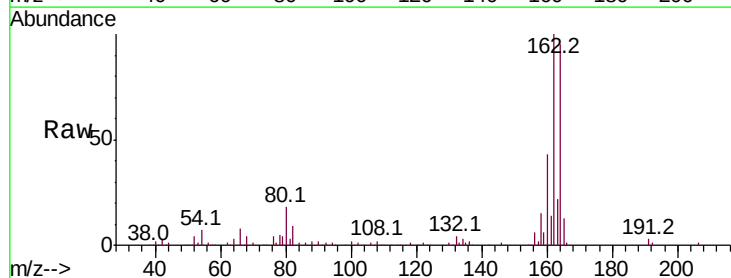


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

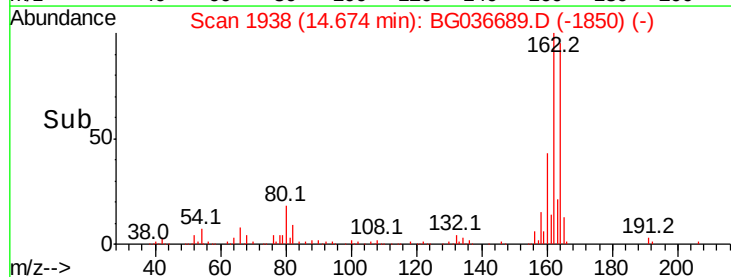
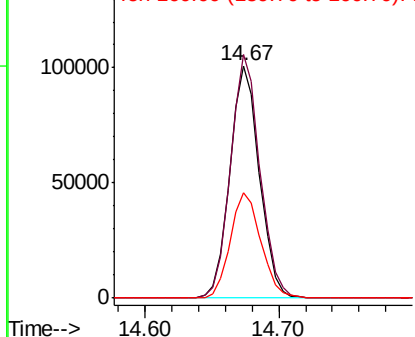


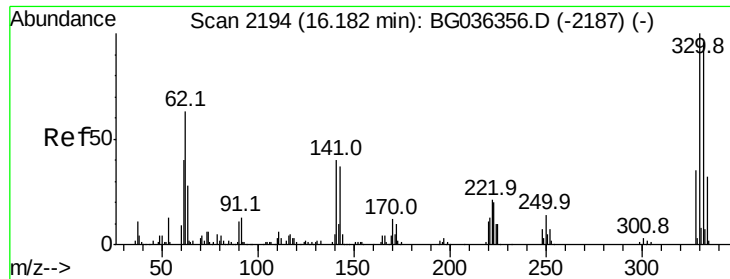
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036689.D
Acq: 13 Sep 2018 19:18

Tgt Ion: 164 Resp: 155491
Ion Ratio Lower Upper
164 100
162 104.9 80.7 121.1
160 45.3 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

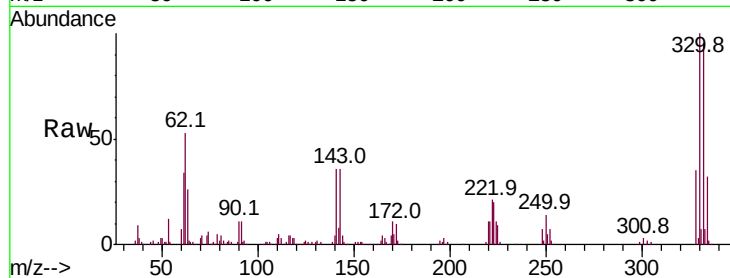




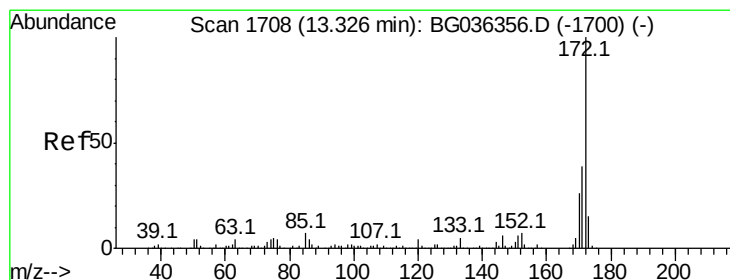
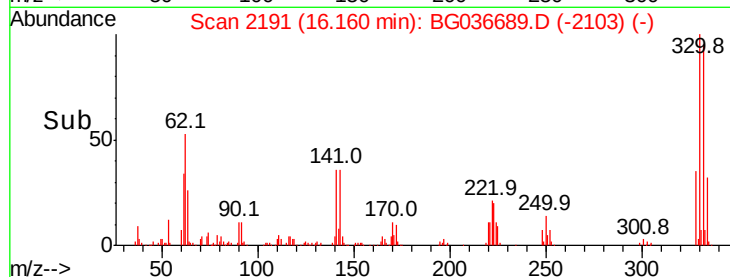
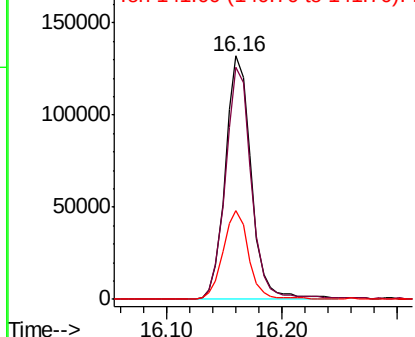
#41
 2,4,6-Tribromophenol
 Concen: 110.317 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036689.D
 Acq: 13 Sep 2018 19:18

Instrument :
 BNA_G
 ClientSampleId :
 091118-SIDI-F-D-S

Tot Ion:330 Resp: 204677
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.2
 141 36.2 30.7 46.1

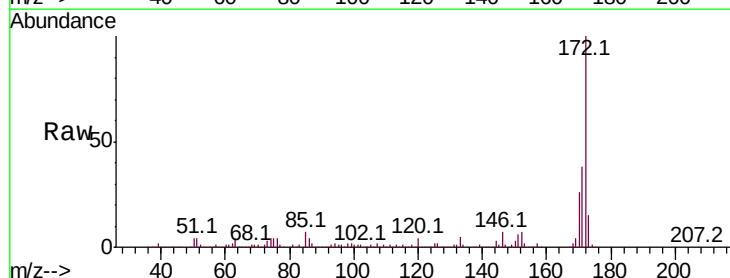


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

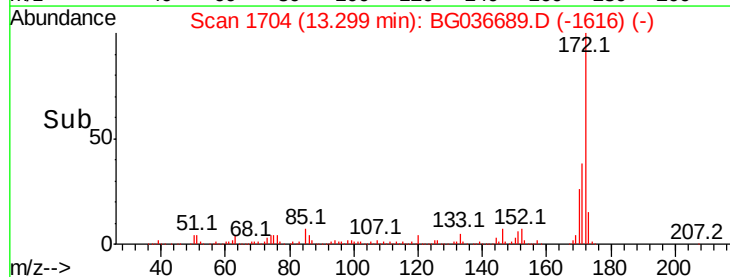
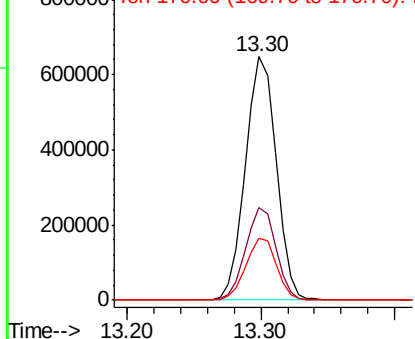


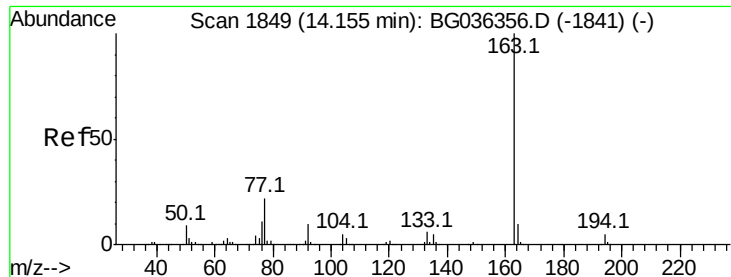
#44
 2-Fluorobiphenyl
 Concen: 94.829 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036689.D
 Acq: 13 Sep 2018 19:18

Tgt Ion:172 Resp: 1032700
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.3 46.9
 170 25.6 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: 3.040 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BG036689.D

Acq: 13 Sep 2018 19:18

Instrument :

BNA_G

ClientSampled :

091118-SIDI-F-D-S

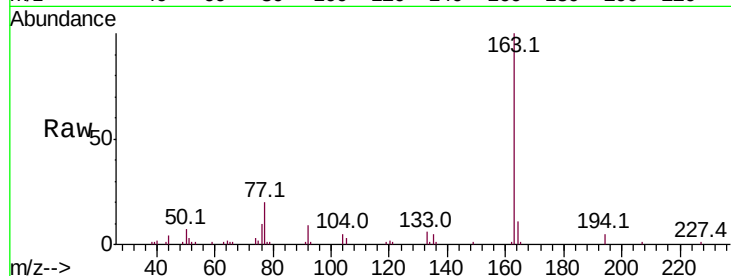
Tot Ion:163 Resp: 38598

Ion Ratio Lower Upper

163 100

194 5.5 4.0 6.0

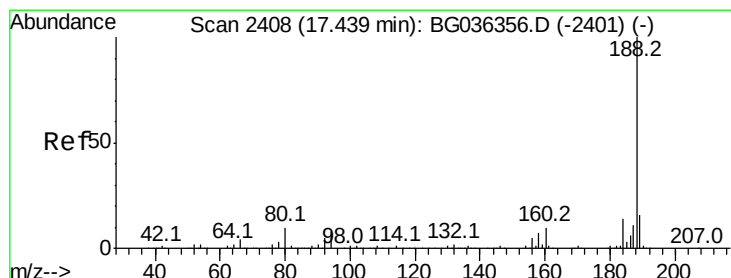
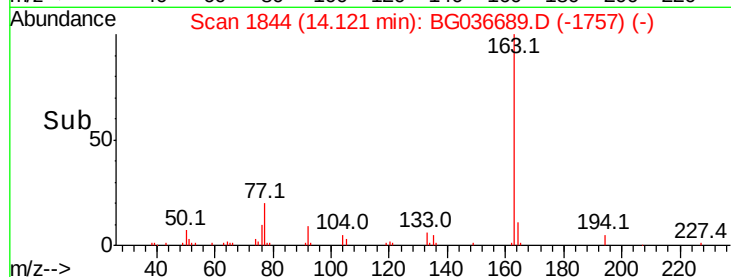
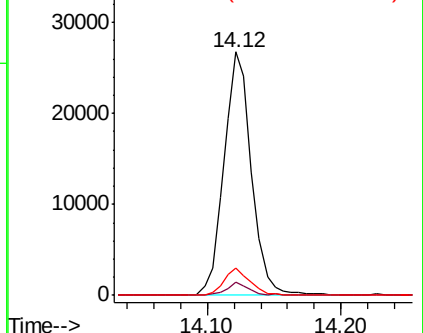
164 11.2 8.1 12.1



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# 2405

Delta R.T. -0.01 min

Lab File: BG036689.D

Acq: 13 Sep 2018 19:18

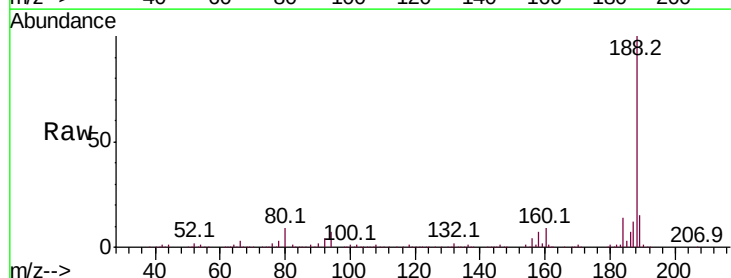
Tgt Ion:188 Resp: 391031

Ion Ratio Lower Upper

188 100

94 6.7 6.7 10.1#

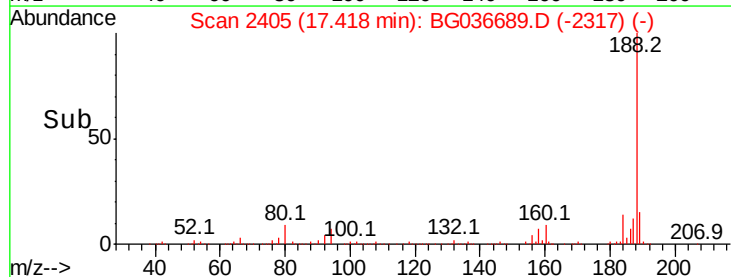
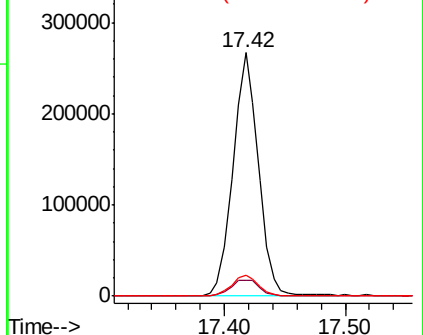
80 8.6 8.1 12.1

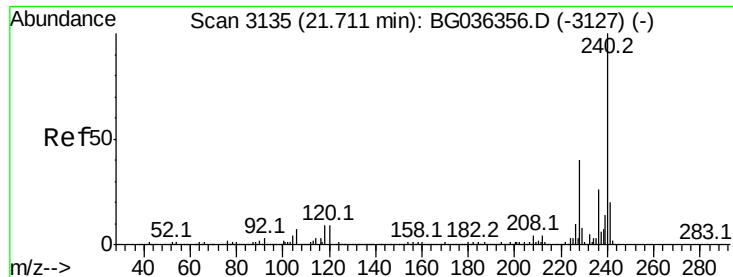


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG036689.D

Acq: 13 Sep 2018 19:18

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-D-S

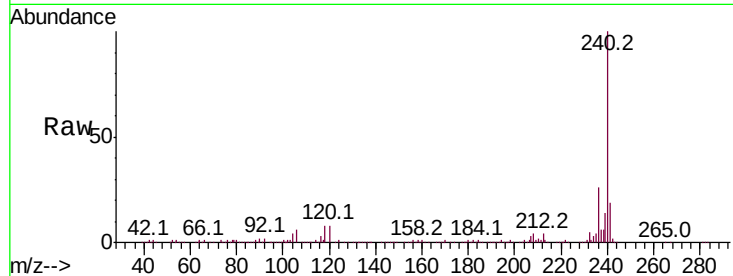
Tot Ion:240 Resp: 395781

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

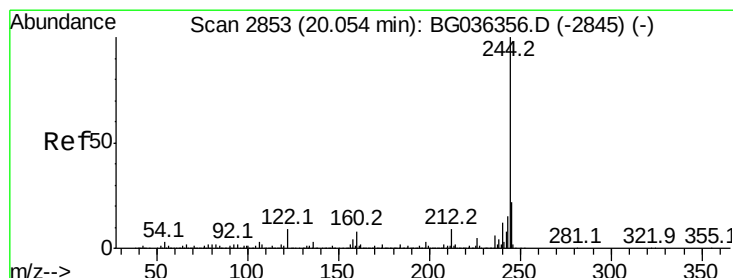
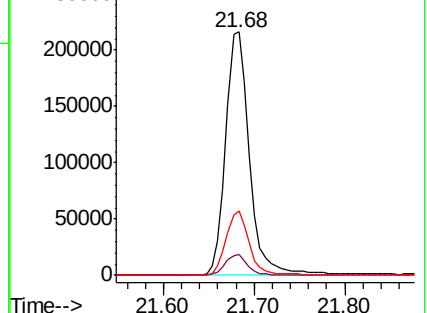
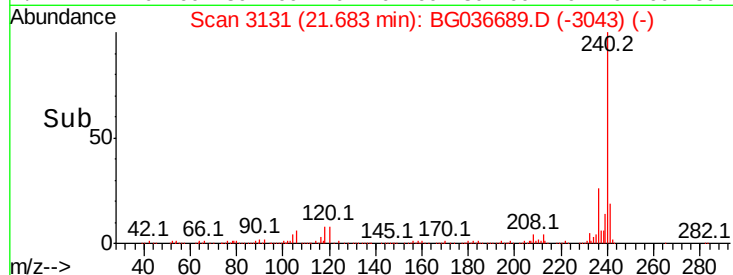
236 26.3 21.2 31.8



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: 106.532 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036689.D

Acq: 13 Sep 2018 19:18

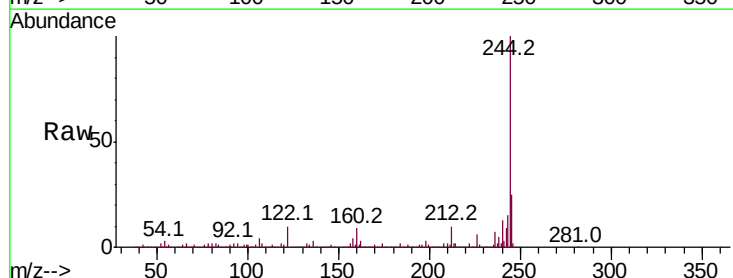
Tgt Ion:244 Resp: 1803895

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

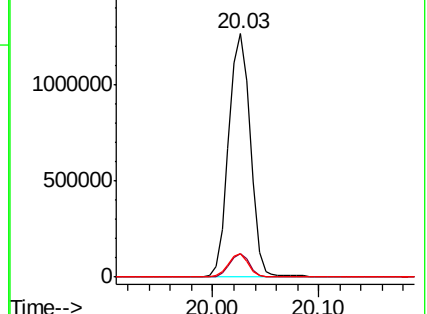
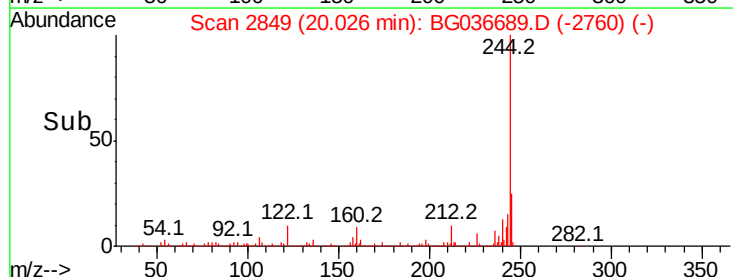
122 9.5 7.1 10.7

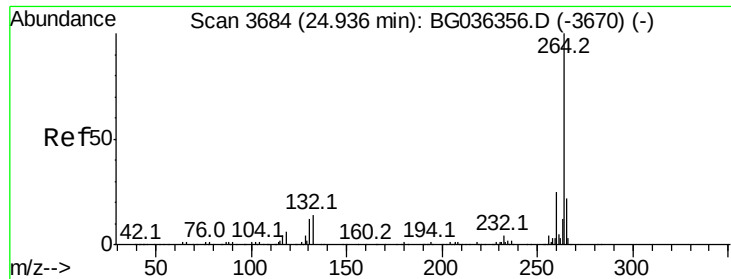


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3676
 Delta R.T. -0.02 min
 Lab File: BG036689.D
 Acq: 13 Sep 2018 19:18

Instrument :
 BNA_G
 ClientSampleId :
 091118-SIDI-F-D-S

Tot Ion:	264	Resp:	349121
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	21.9	17.4	26.0

