

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036939.D
 Acq On : 25 Sep 2018 5:33
 Operator : JU/SJ
 Sample : J5023-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-1

Quant Time: Sep 25 07:34:52 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	38012	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	164450	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	111381	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	295052	20.00	ng	0.00
75) Chrysene-d12	21.68	240	311033	20.00	ng	0.00
86) Perylene-d12	24.88	264	302571	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	255599	128.95	ng	0.00
7) Phenol-d6	7.20	99	332385	108.39	ng	0.00
23) Nitrobenzene-d5	9.21	82	278324	90.63	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	159637	119.79	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	633789	84.75	ng	0.00
78) Terphenyl-d14	20.02	244	1162276	98.26	ng	0.00

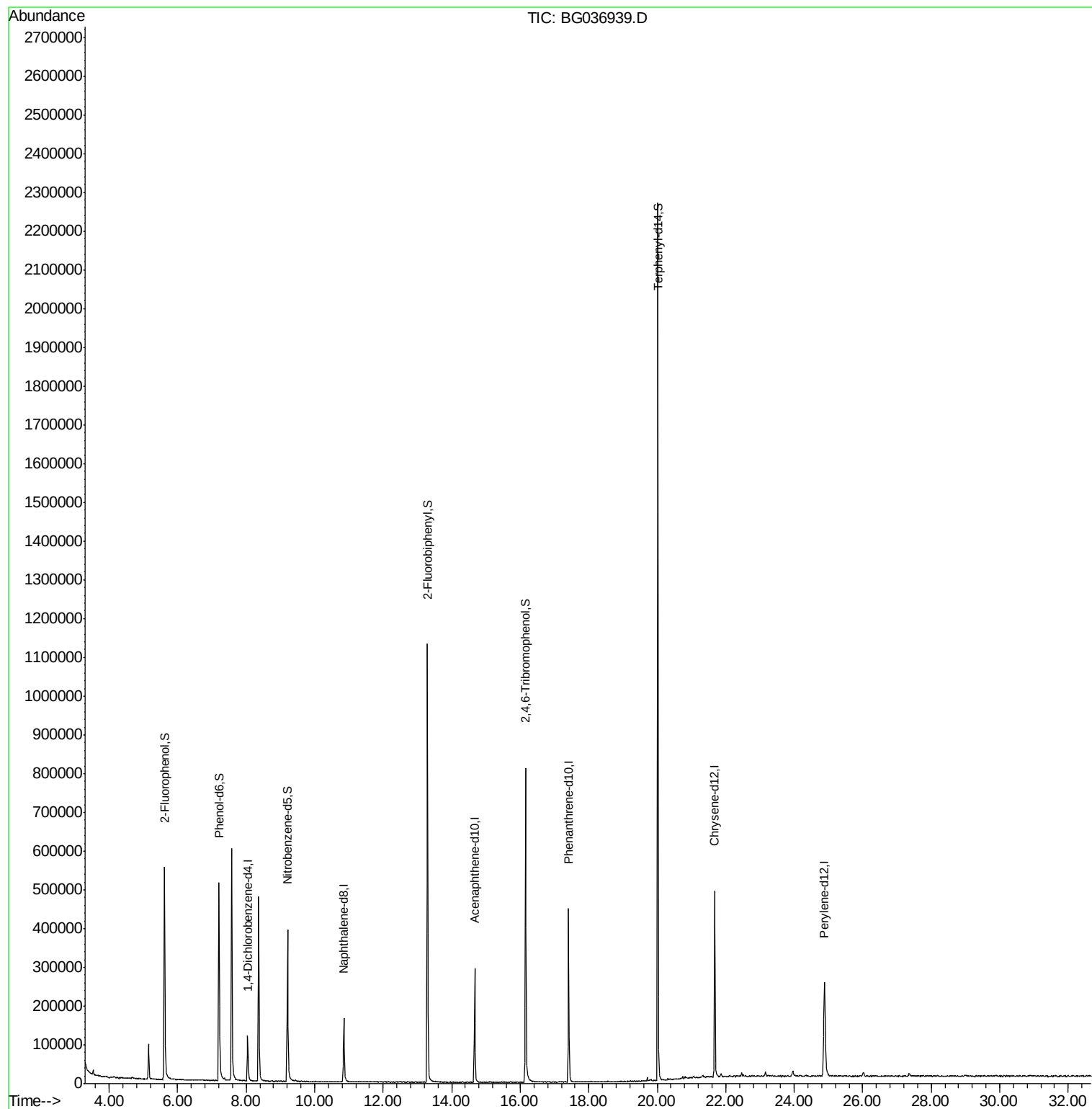
Target Compounds Qvalue

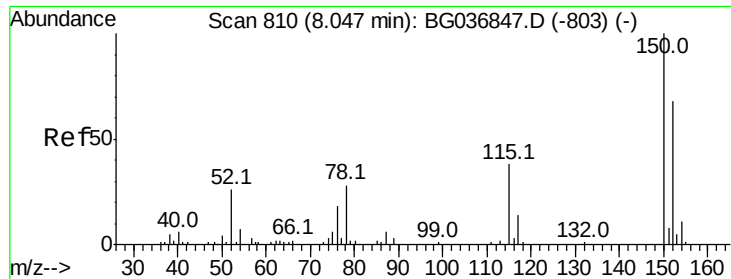
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG036939.D

Acq: 25 Sep 2018 5:33

Instrument :

BNA_G

ClientSampleId :

NB-PIT-1

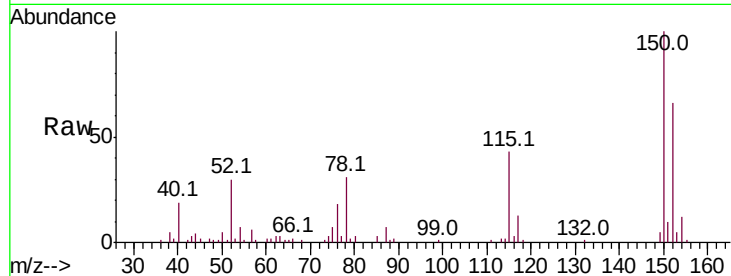
Tot Ion:152 Resp: 38012

Ion Ratio Lower Upper

152 100

150 150.5 119.5 179.3

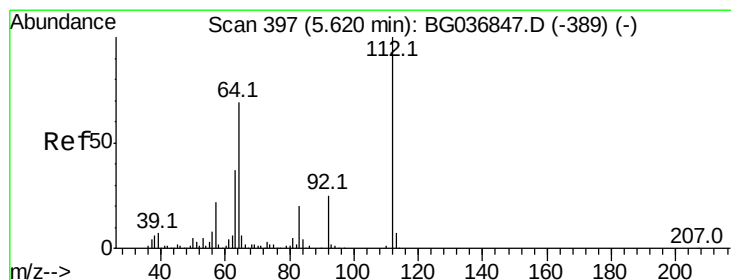
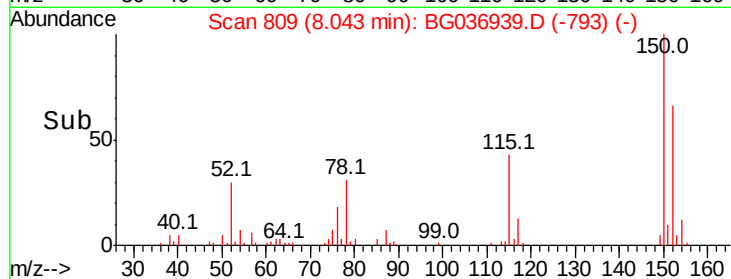
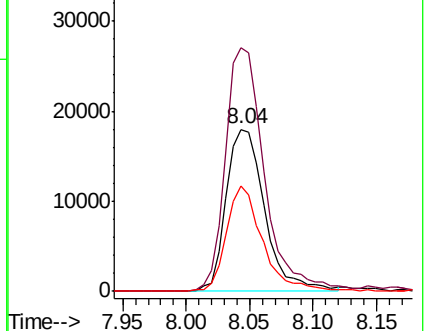
115 65.2 44.5 66.7



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: 128.955 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036939.D

Acq: 25 Sep 2018 5:33

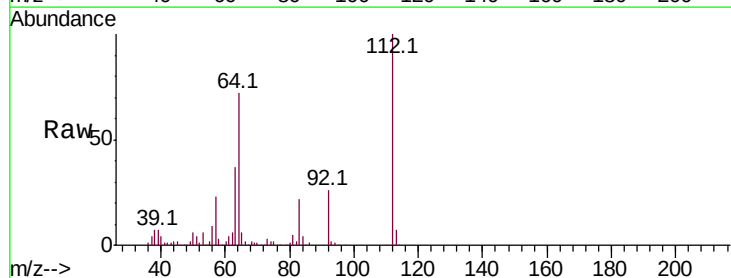
Tgt Ion:112 Resp: 255599

Ion Ratio Lower Upper

112 100

64 71.9 57.2 85.8

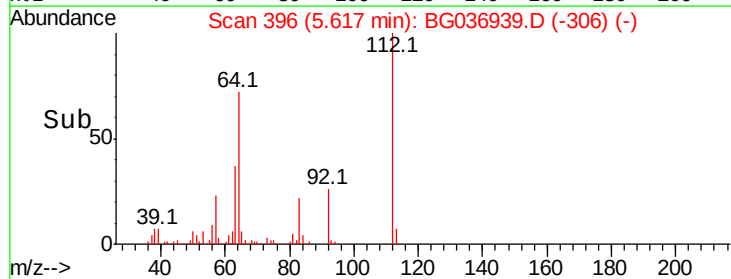
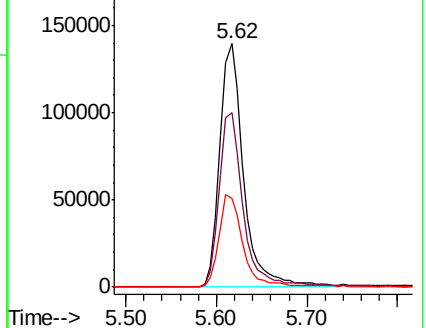
63 36.6 30.8 46.2

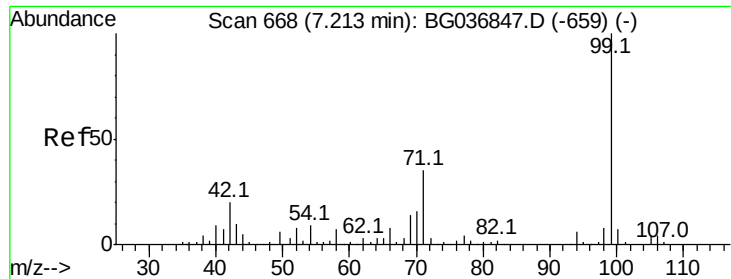


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 108.388 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036939.D

Acq: 25 Sep 2018 5:33

Instrument :

BNA_G

ClientSampled :

NB-PIT-1

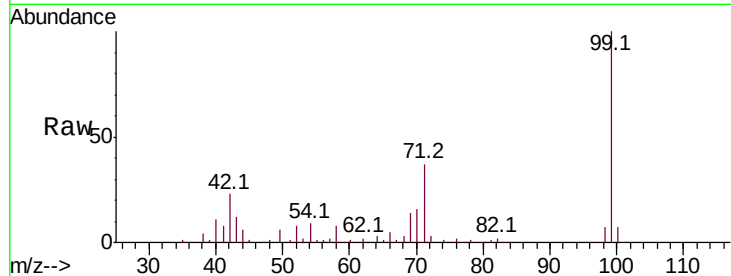
Tot Ion: 99 Resp: 332385

Ion Ratio Lower Upper

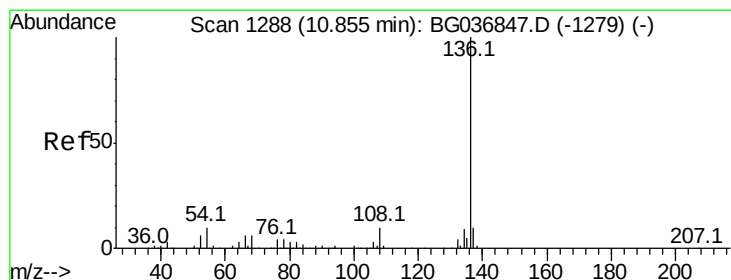
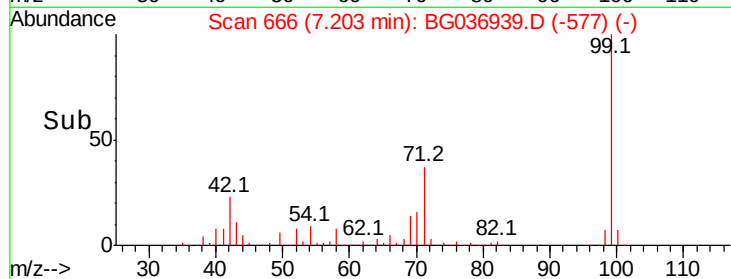
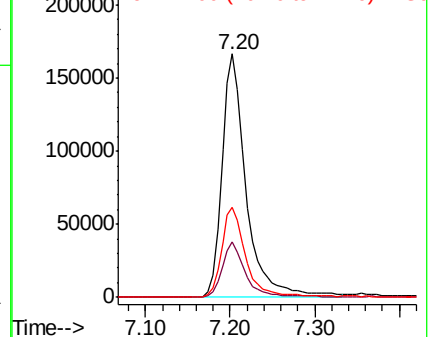
99 100

42 22.6 16.5 24.7

71 36.8 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# 1287

Delta R.T. -0.00 min

Lab File: BG036939.D

Acq: 25 Sep 2018 5:33

Tgt Ion: 136 Resp: 164450

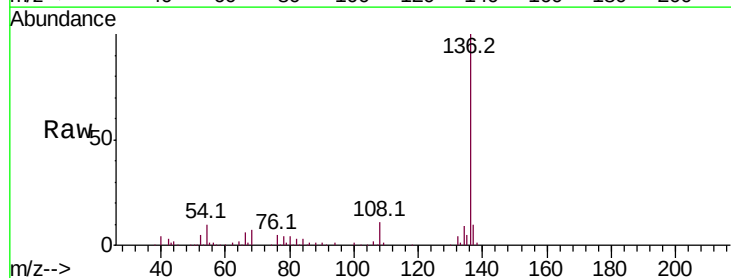
Ion Ratio Lower Upper

136 100

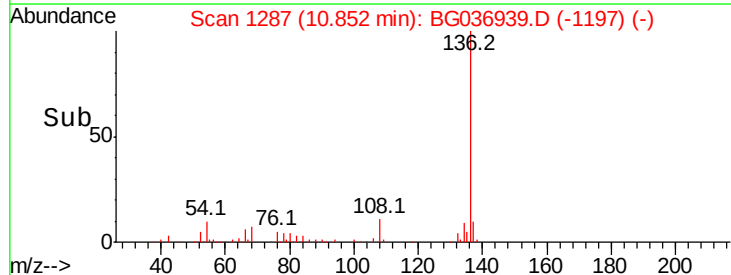
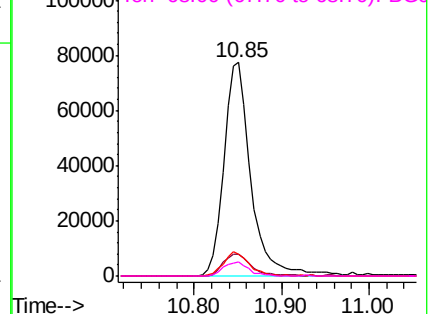
137 10.4 8.8 13.2

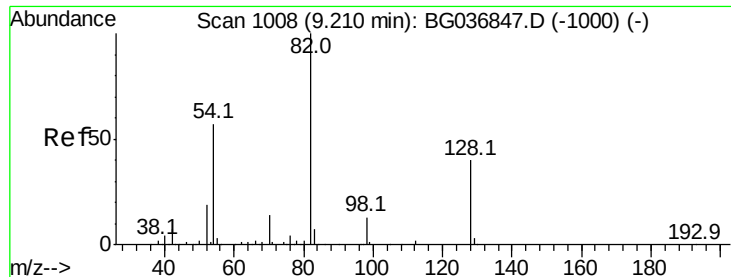
54 10.3 9.2 13.8

68 6.9 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

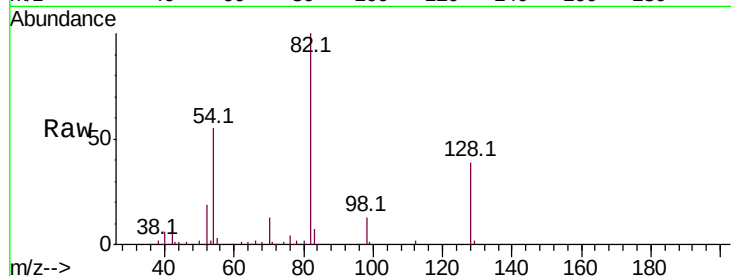




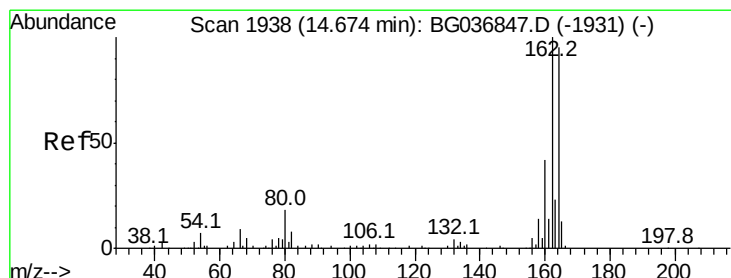
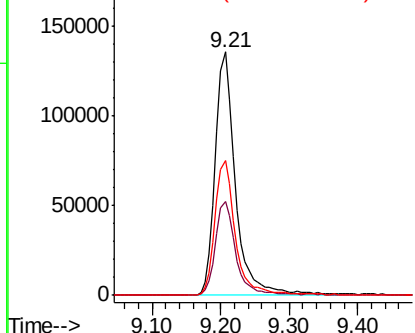
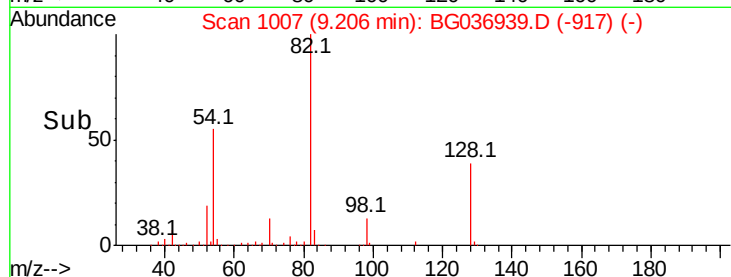
#23
 Nitrobenzene-d5
 Concen: 90.633 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036939.D
 Acq: 25 Sep 2018 5:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-1

Tot Ion	82	Resp	278324
Ion Ratio	Lower	Upper	
82	100		
128	38.7	33.3	49.9
54	55.4	45.1	67.7

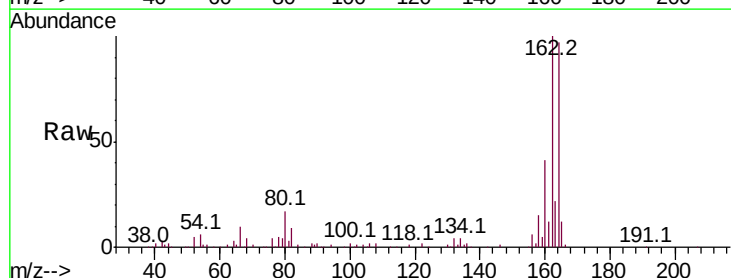


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

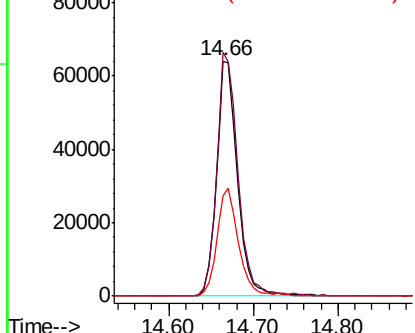
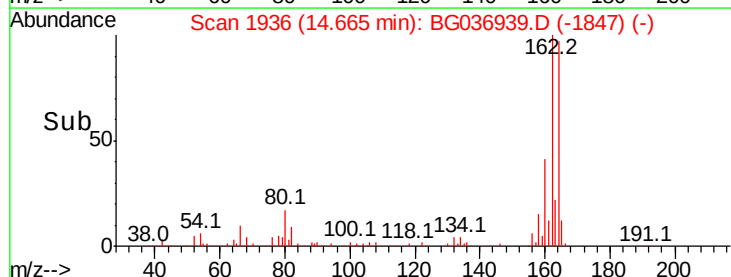


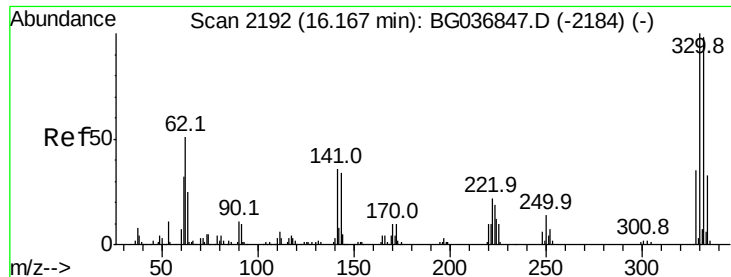
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG036939.D
 Acq: 25 Sep 2018 5:33

Tgt Ion	164	Resp	111381
Ion Ratio	Lower	Upper	
164	100		
162	103.6	80.7	121.1
160	42.7	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

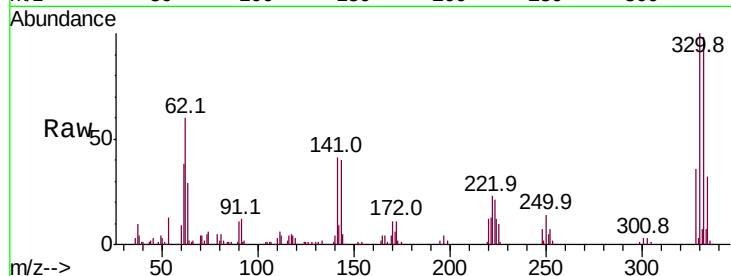




#41
 2,4,6-Tribromophenol
 Concen: 119.793 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036939.D
 Acq: 25 Sep 2018 5:33

Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.4	113.2
141	39.3	30.7	46.1

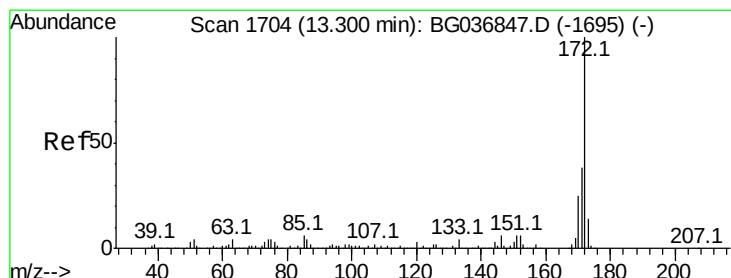
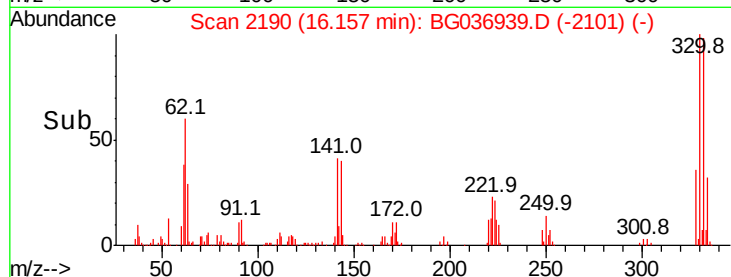
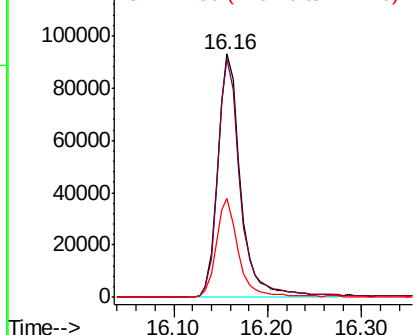


Abundance

Ion 329.80 (329.50 to 330.50): E

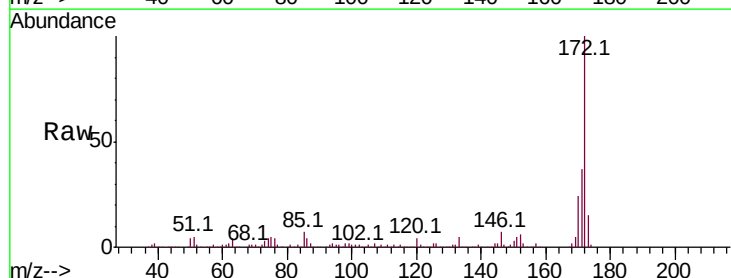
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.750 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036939.D
 Acq: 25 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.3	46.9
170	24.4	21.0	31.6

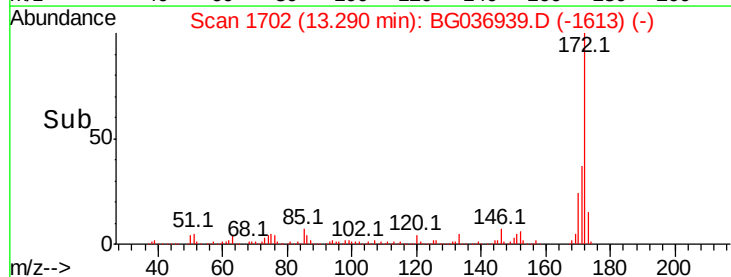
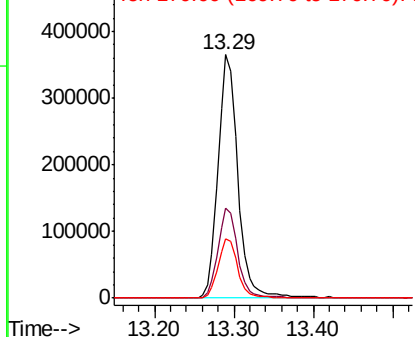


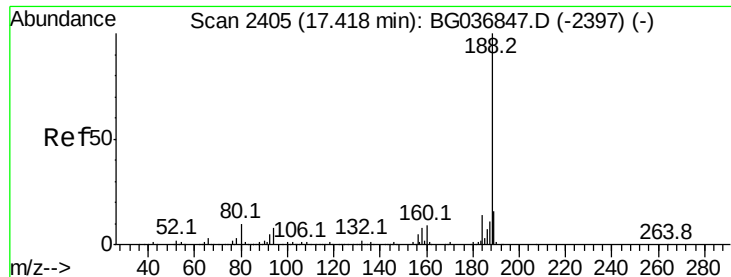
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BG036939.D

Acq: 25 Sep 2018 5:33

Instrument :

BNA_G

ClientSampled :

NB-PIT-1

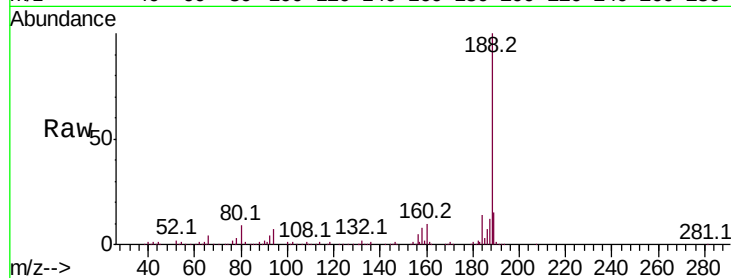
Tot Ion:188 Resp: 295052

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

250000 Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

200000

150000

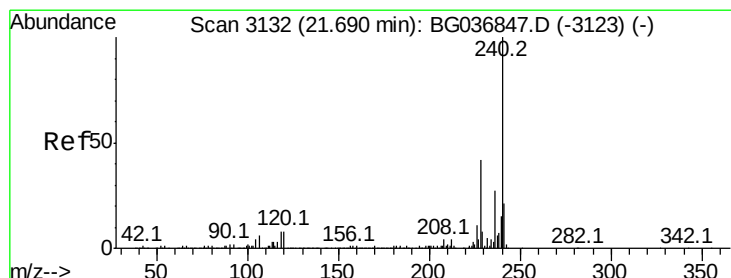
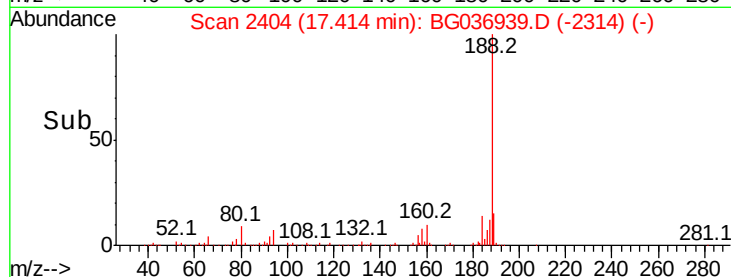
100000

50000

0

17.30 17.40 17.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036939.D

Acq: 25 Sep 2018 5:33

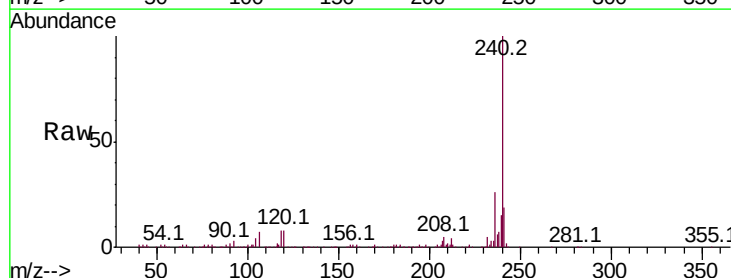
Tgt Ion:240 Resp: 311033

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

236 25.6 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

200000

150000

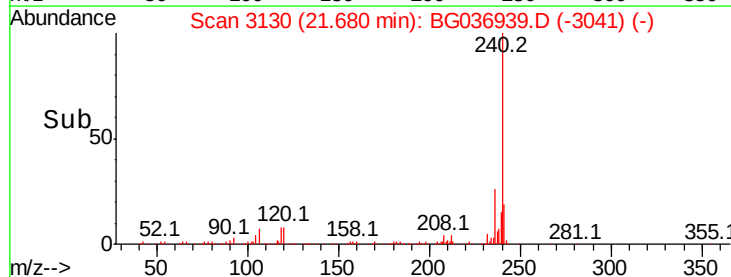
100000

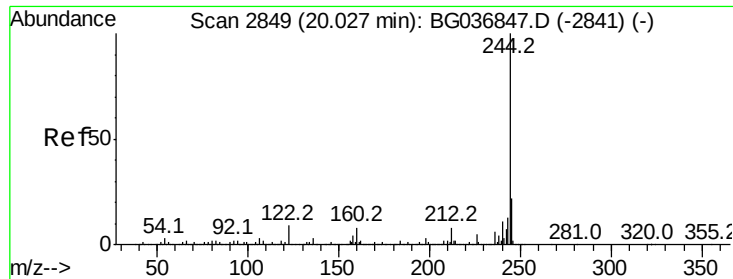
50000

0

21.60 21.70 21.80 21.90

Time-->





#78

Terphenyl-d14

Concen: 98.259 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036939.D

Acq: 25 Sep 2018 5:33

Instrument :

BNA_G

ClientSampleId :

NB-PIT-1

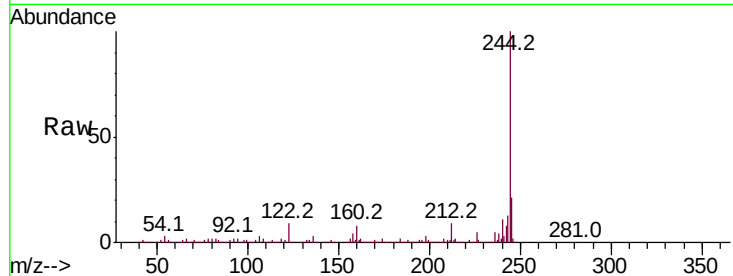
Tot Ion:244 Resp: 1162276

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.1	7.1	10.7

244 100

212 8.5 7.0 10.6

122 9.1 7.1 10.7

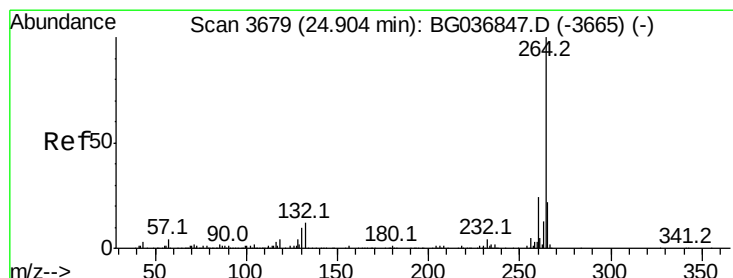
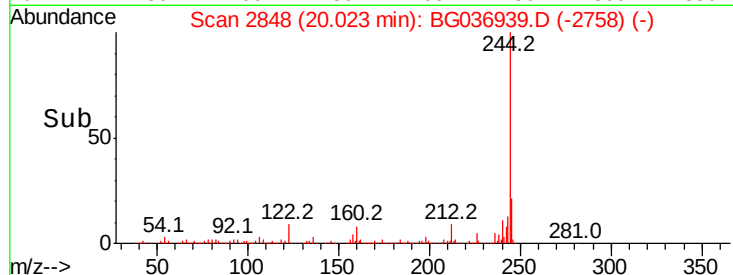
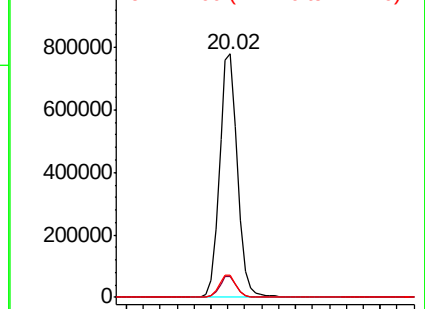


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG036939.D

Acq: 25 Sep 2018 5:33

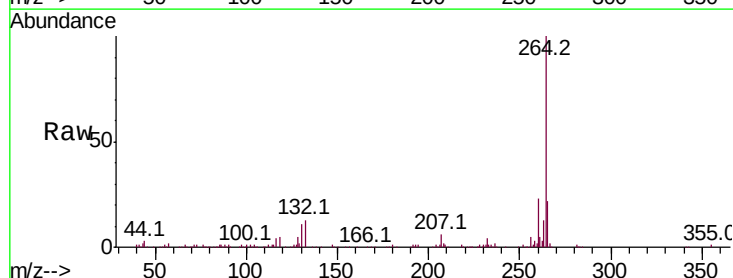
Tgt Ion:264 Resp: 302571

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.5	17.4	26.0

264 100

260 23.3 19.6 29.4

265 21.5 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

