

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
 Data File : BG037055.D
 Acq On : 28 Sep 2018 18:25
 Operator : JU/SJ
 Sample : J4777-40
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-D

Quant Time: Sep 28 19:09:37 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	45349	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	180274	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	115045	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	302184	20.00	ng	0.00
75) Chrysene-d12	21.67	240	321459	20.00	ng	-0.01
86) Perylene-d12	24.88	264	318780	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	290545	122.87	ng	0.00
7) Phenol-d6	7.20	99	347740	95.05	ng	-0.01
23) Nitrobenzene-d5	9.20	82	315333	93.67	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	170551	123.91	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	640678	82.94	ng	0.00
78) Terphenyl-d14	20.02	244	1174810	96.10	ng	0.00

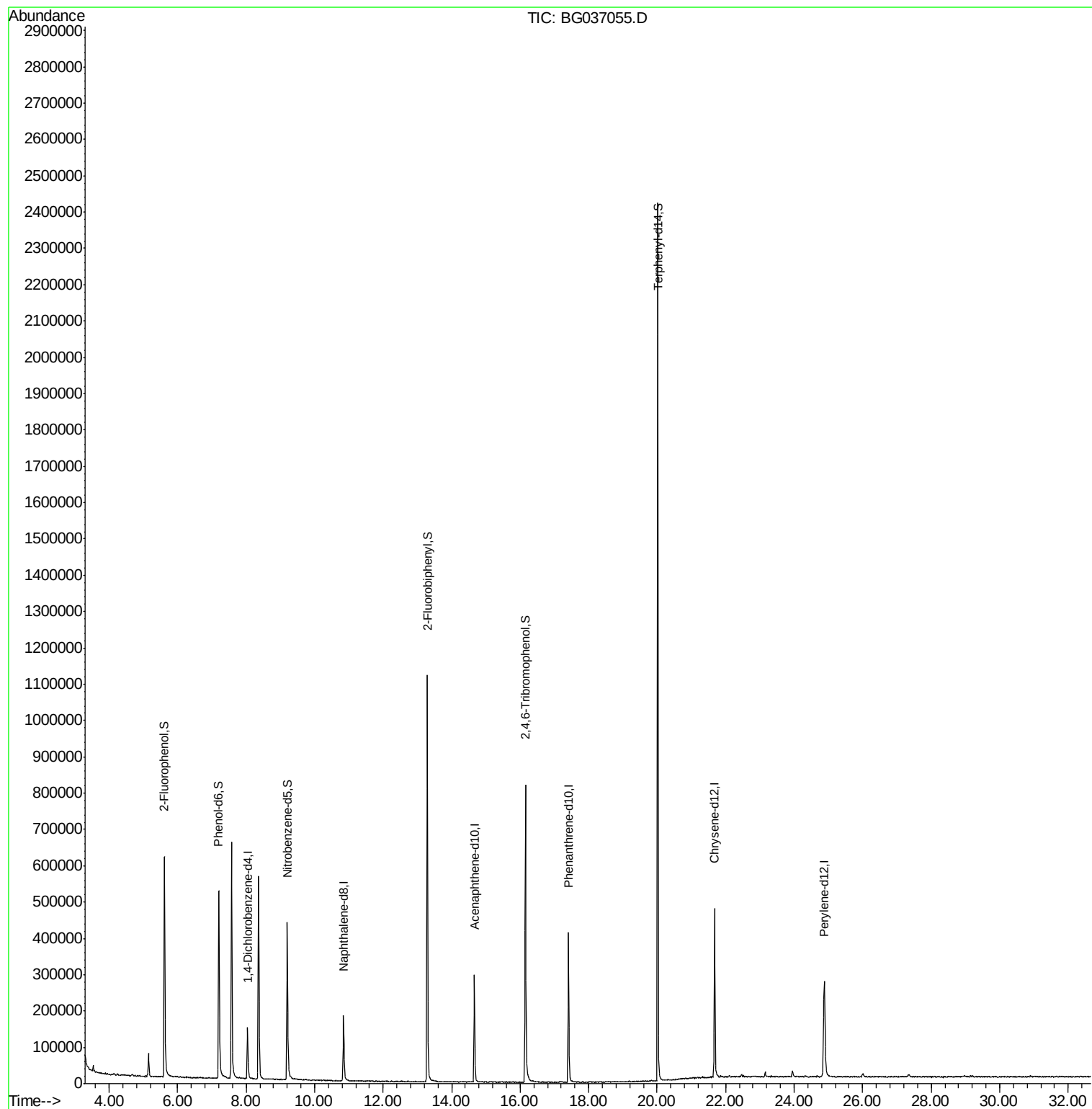
Target Compounds Qvalue

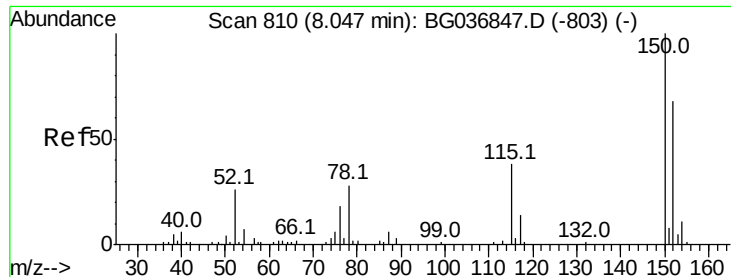
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037055.D

Acq: 28 Sep 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PL-01-092718-D

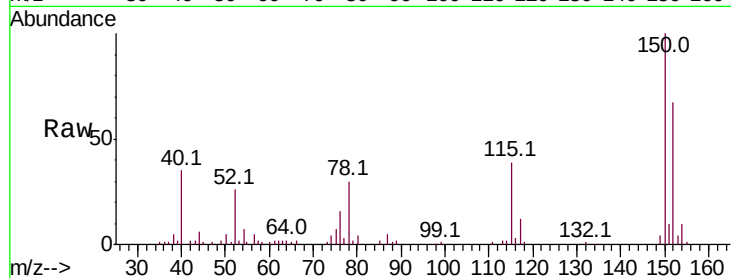
Tot Ion:152 Resp: 45349

Ion Ratio Lower Upper

152 100

150 148.3 119.5 179.3

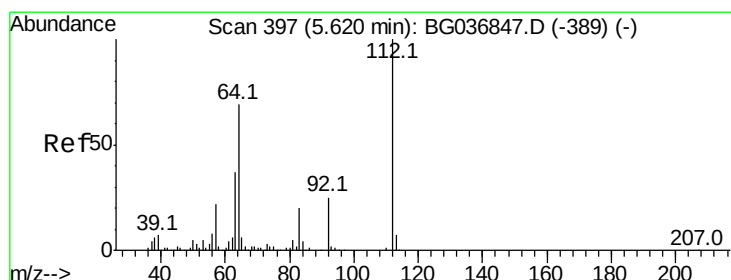
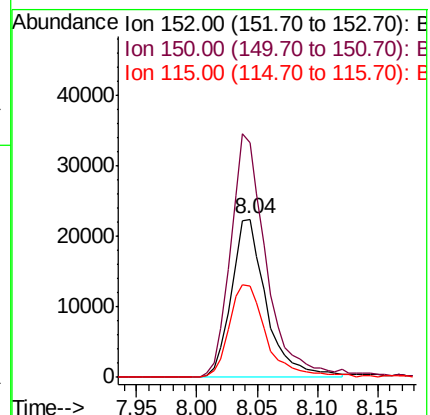
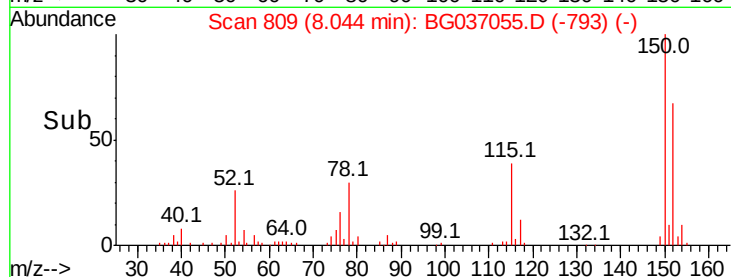
115 58.1 44.5 66.7



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: 122.870 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG037055.D

Acq: 28 Sep 2018 18:25

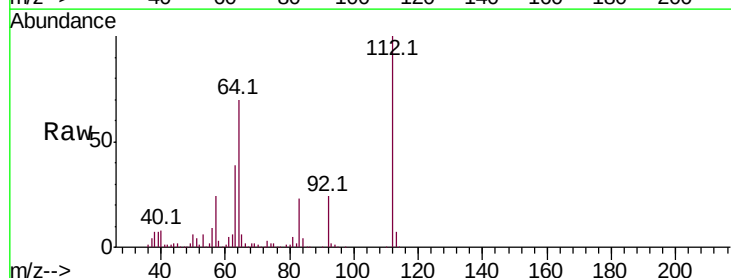
Tgt Ion:112 Resp: 290545

Ion Ratio Lower Upper

112 100

64 70.3 57.2 85.8

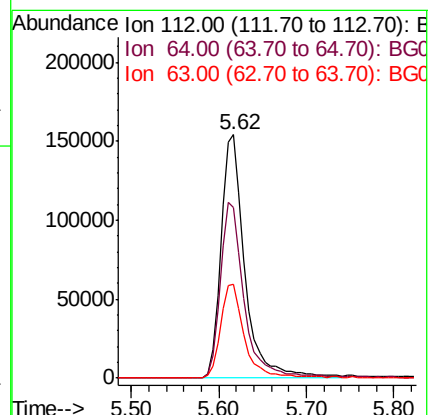
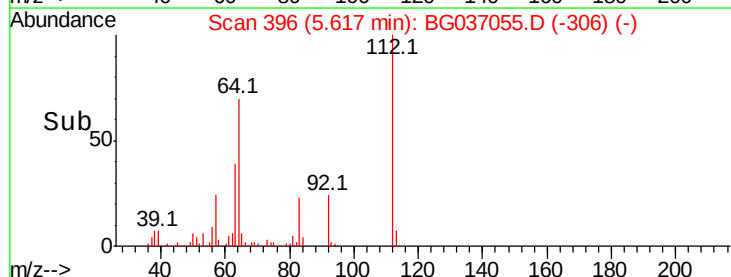
63 38.8 30.8 46.2

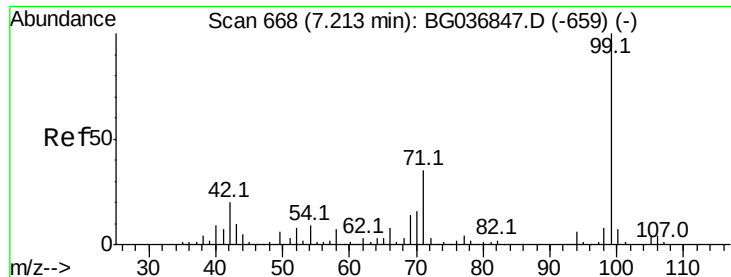


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 95.049 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG037055.D

Acq: 28 Sep 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PL-01-092718-D

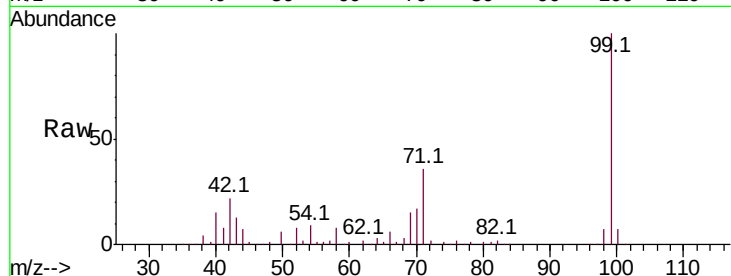
Tot Ion: 99 Resp: 347740

Ion Ratio Lower Upper

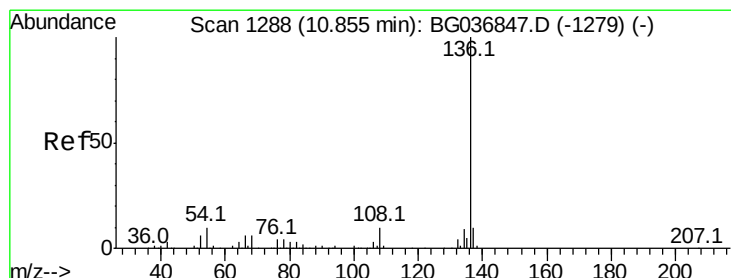
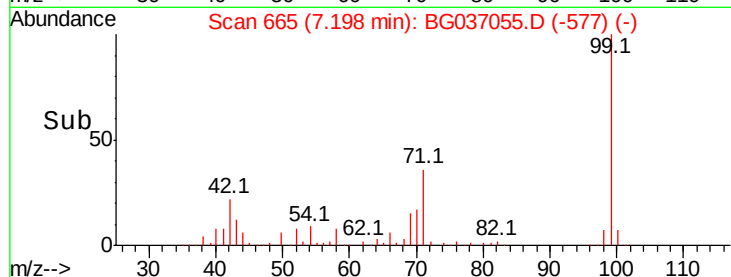
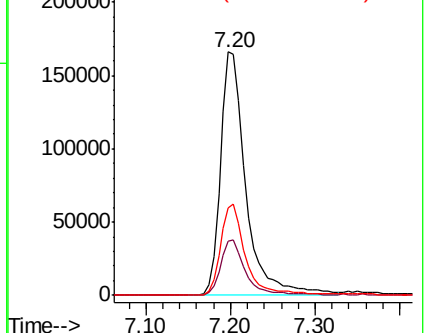
99 100

42 22.2 16.5 24.7

71 36.0 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# 1285

Delta R.T. -0.01 min

Lab File: BG037055.D

Acq: 28 Sep 2018 18:25

Tgt Ion: 136 Resp: 180274

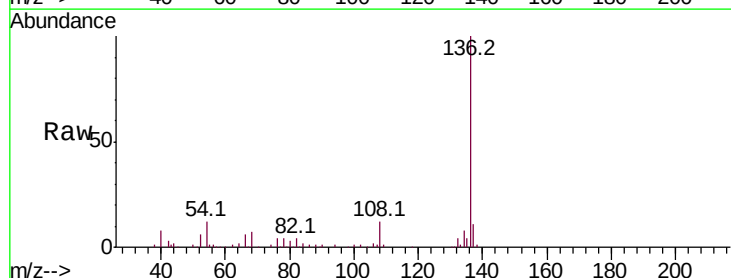
Ion Ratio Lower Upper

136 100

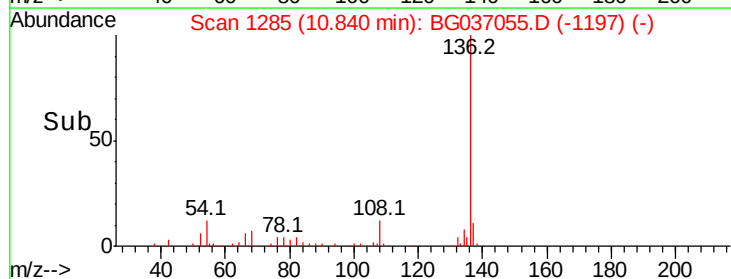
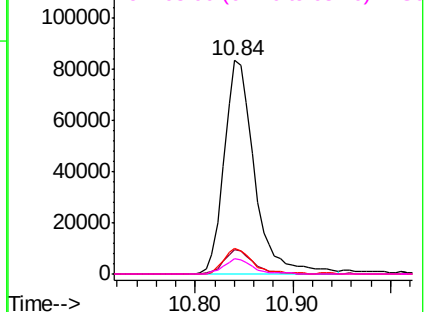
137 11.1 8.8 13.2

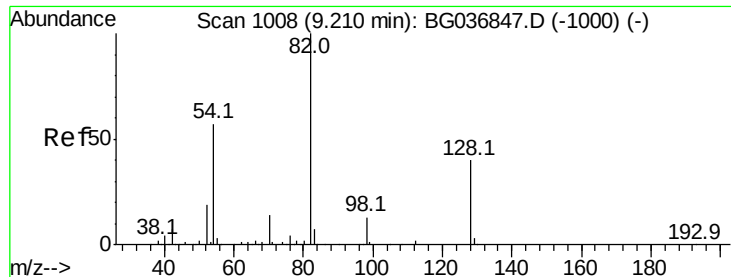
54 12.1 9.2 13.8

68 7.0 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

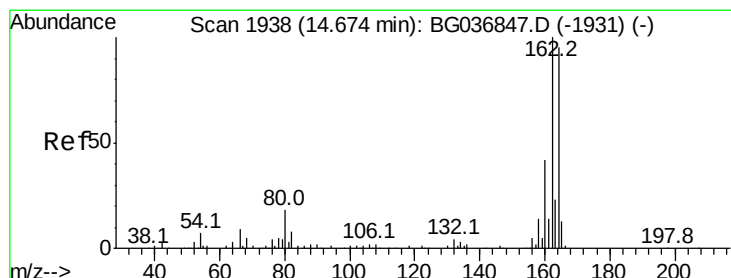
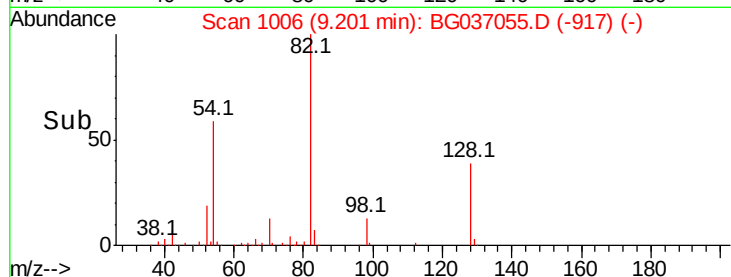
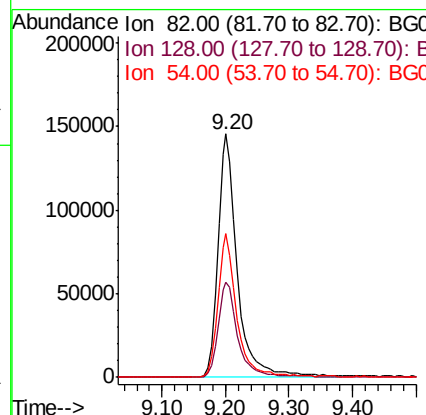
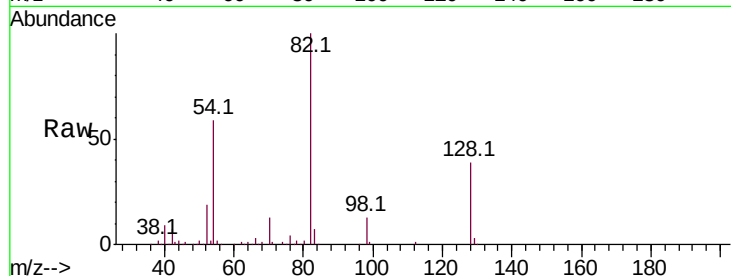




#23
Nitrobenzene-d5
Concen: 93.671 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037055.D
Acq: 28 Sep 2018 18:25

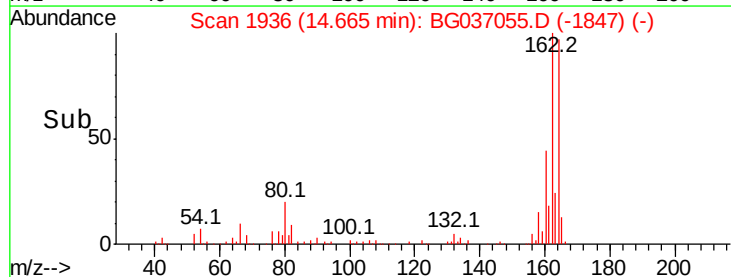
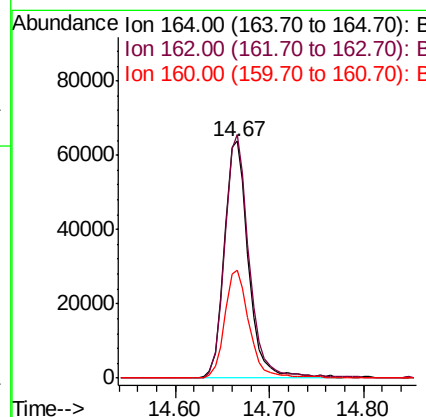
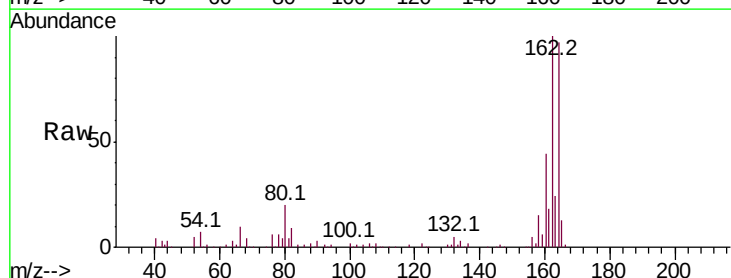
Instrument :
BNA_G
ClientSampleId :
PL-01-092718-D

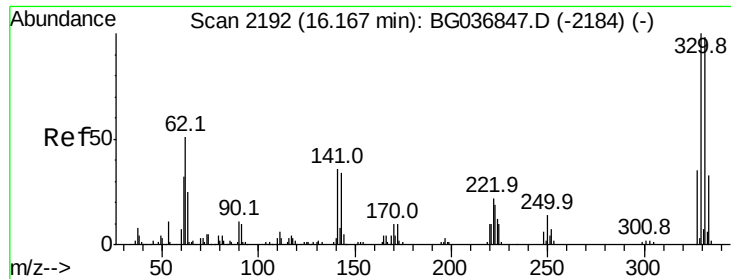
Tot Ion	82	Resp	315333
Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.3	49.9
54	58.9	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037055.D
Acq: 28 Sep 2018 18:25

Tgt Ion	164	Resp	115045
Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.7	121.1
160	45.7	35.3	52.9

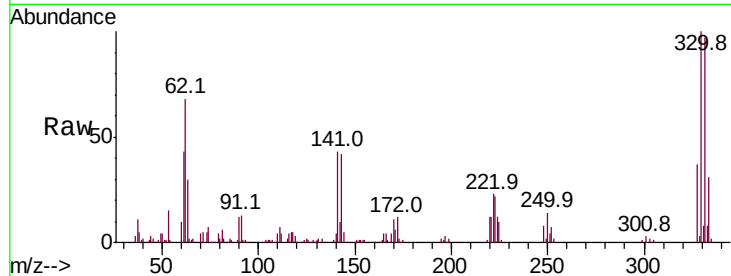




#41
 2,4,6-Tribromophenol
 Concen: 123.907 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG037055.D
 Acq: 28 Sep 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.5	75.4	113.2
141	40.6	30.7	46.1

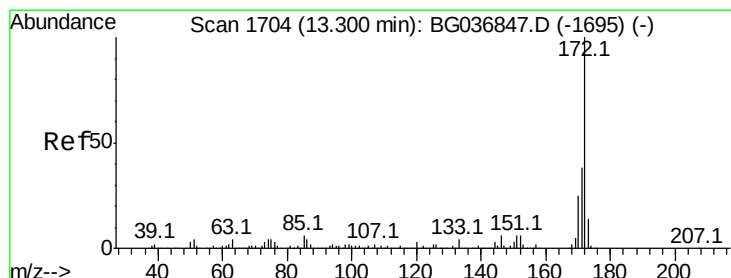
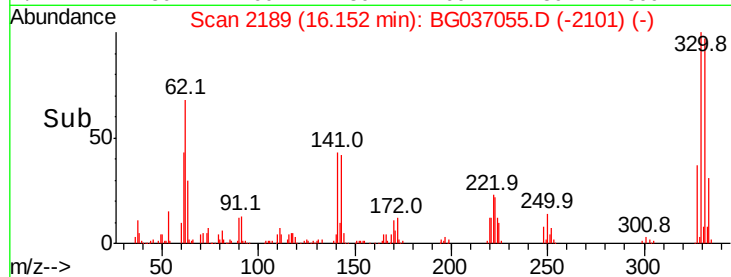
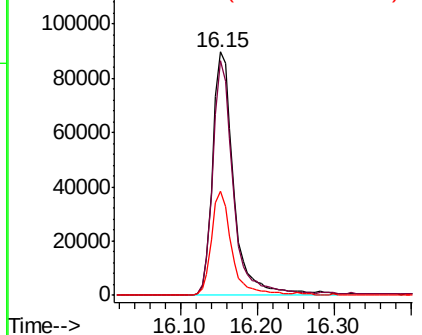


Abundance

Ion 329.80 (329.50 to 330.50): E

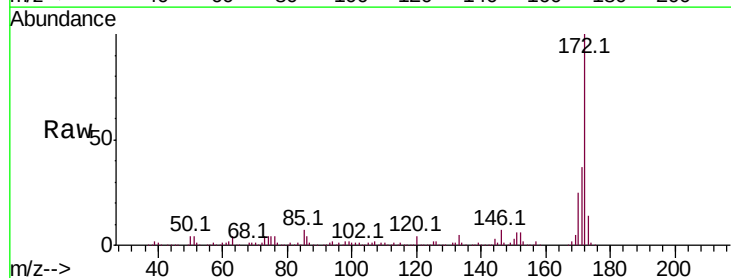
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.943 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037055.D
 Acq: 28 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	24.9	21.0	31.6

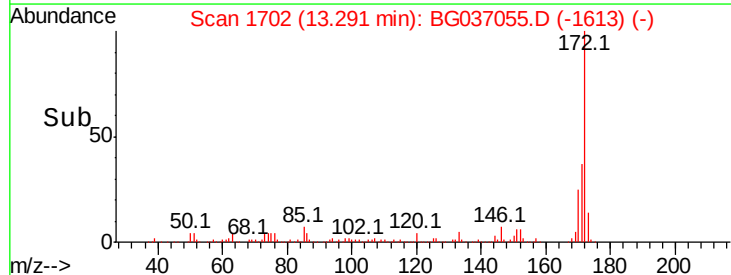
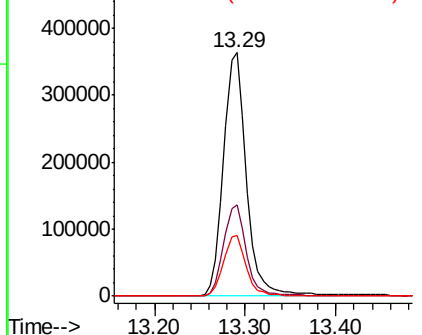


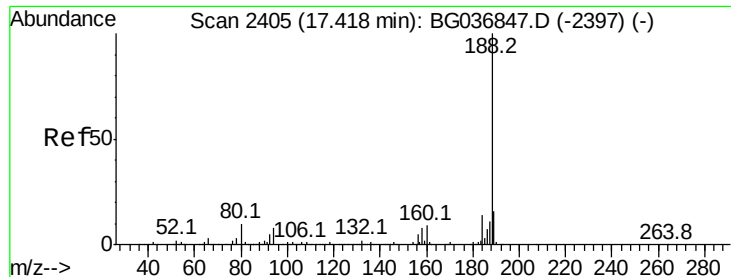
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG037055.D

Acq: 28 Sep 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PL-01-092718-D

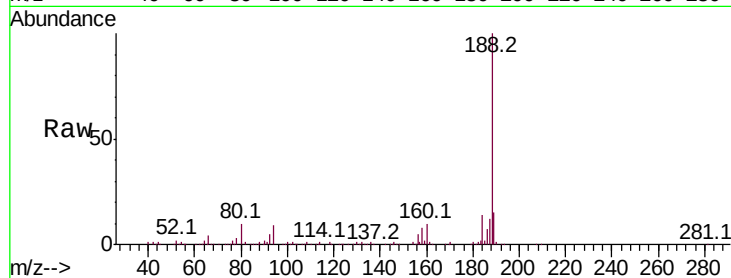
Tot Ion:188 Resp: 302184

Ion Ratio Lower Upper

188 100

94 8.8 6.7 10.1

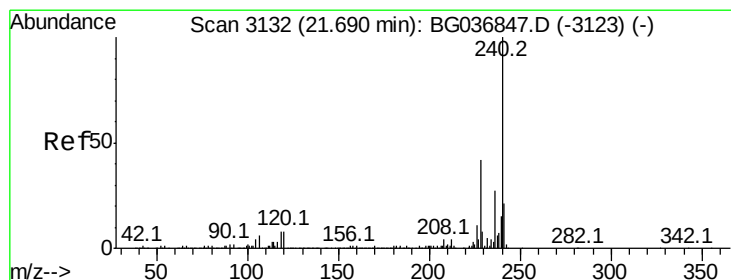
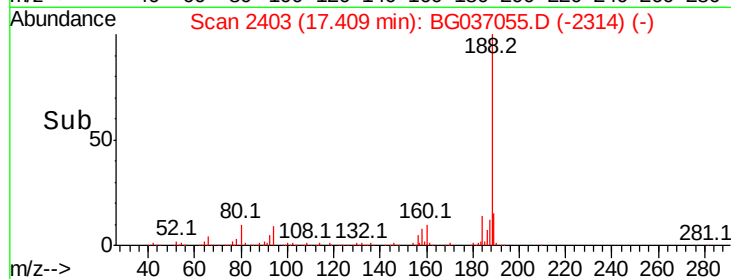
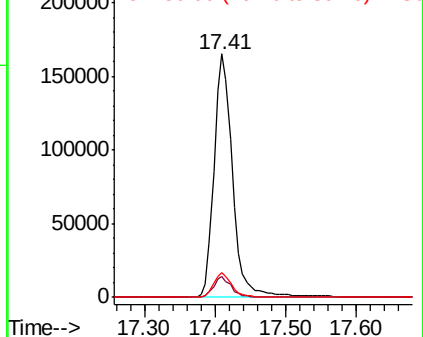
80 10.3 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG037055.D

Acq: 28 Sep 2018 18:25

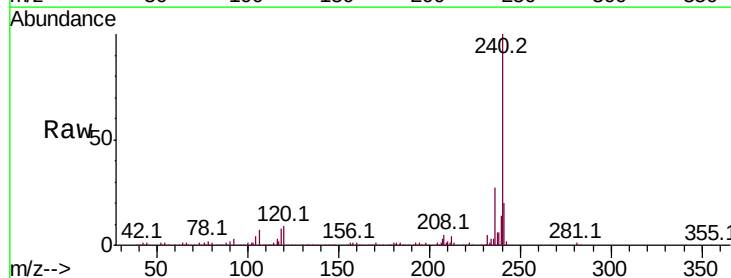
Tgt Ion:240 Resp: 321459

Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

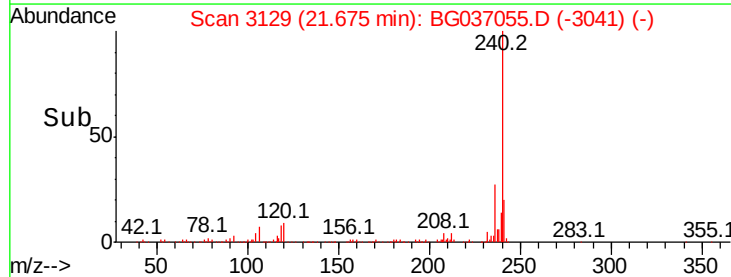
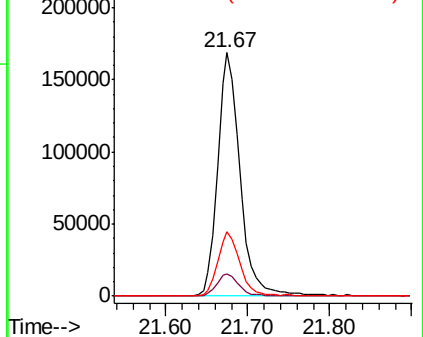
236 26.7 21.2 31.8

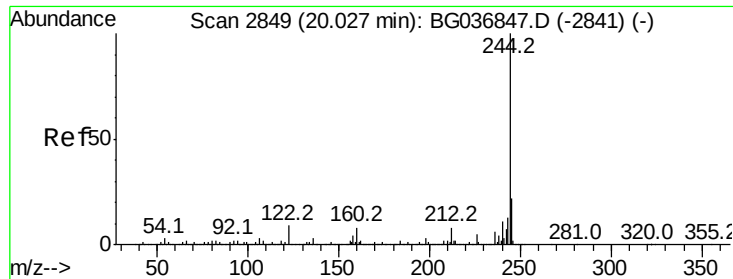


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.098 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037055.D

Acq: 28 Sep 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PL-01-092718-D

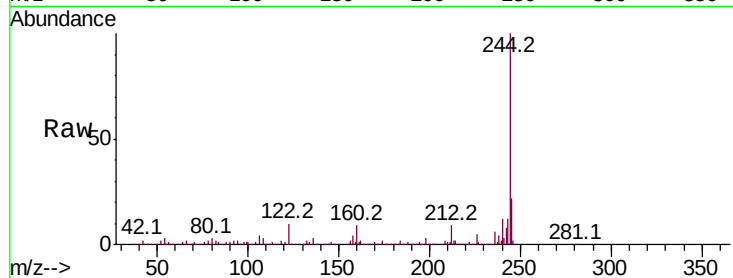
Tot Ion:244 Resp: 1174810

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.9	7.1	10.7

244 100

212 8.9 7.0 10.6

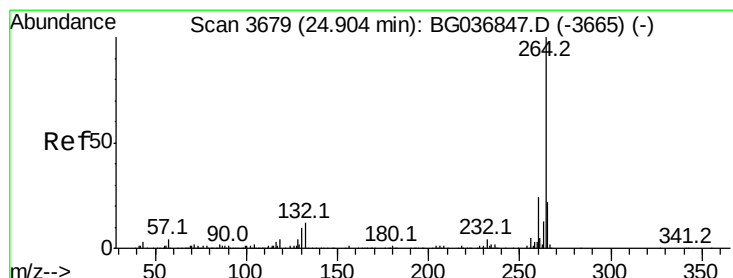
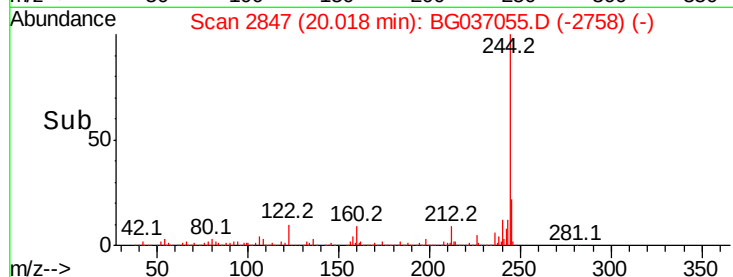
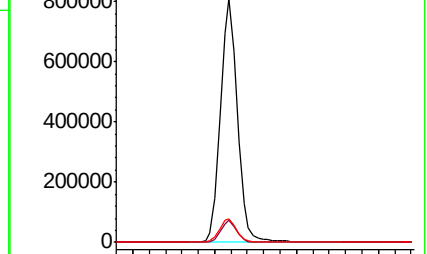
122 9.9 7.1 10.7



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# 3674

Delta R.T. -0.03 min

Lab File: BG037055.D

Acq: 28 Sep 2018 18:25

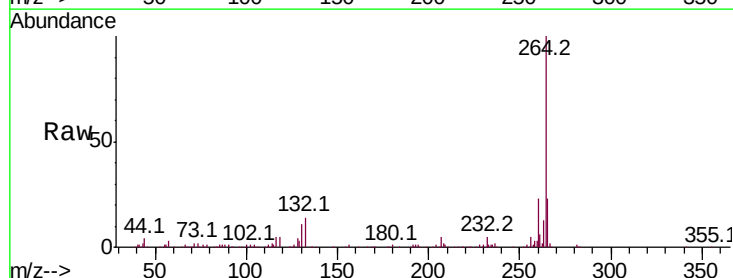
Tgt Ion:264 Resp: 318780

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	23.2	17.4	26.0

264 100

260 23.2 19.6 29.4

265 23.2 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

