

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034961.D
 Acq On : 7 Jun 2018 20:41
 Operator : SJ/JU
 Sample : J3251-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-060518

Quant Time: Jun 08 04:53:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38281	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	141850	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	100540	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	278483	20.00	ng	0.00
75) Chrysene-d12	21.72	240	301568	20.00	ng	0.00
86) Perylene-d12	24.96	264	293597	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	266259	117.38	ng	0.00
7) Phenol-d6	7.23	99	352945	105.42	ng	0.00
23) Nitrobenzene-d5	9.24	82	282158	94.55	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	188801	146.69	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	630718	81.55	ng	0.00
78) Terphenyl-d14	20.06	244	1280231	88.92	ng	0.00

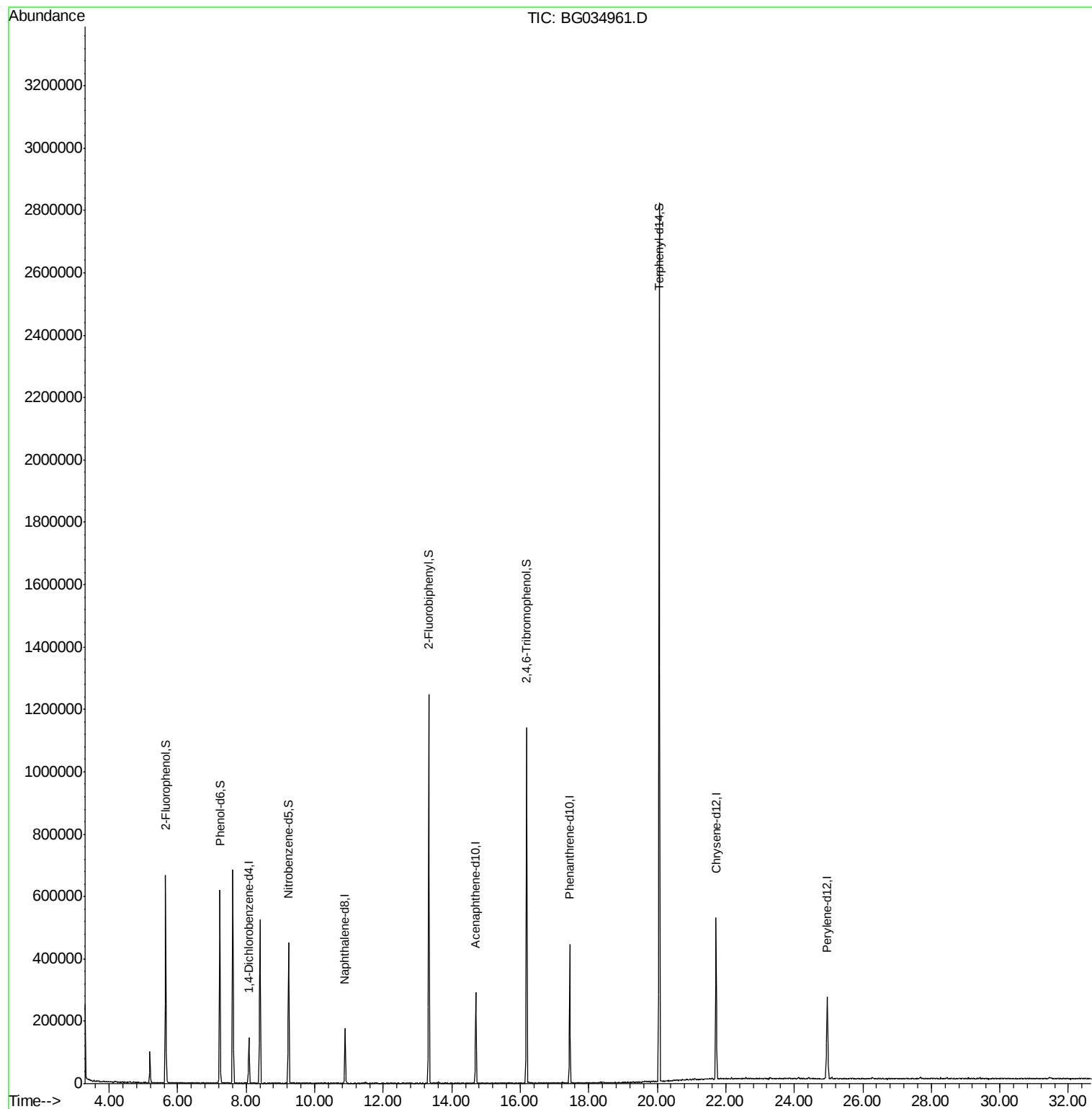
Target Compounds Qvalue

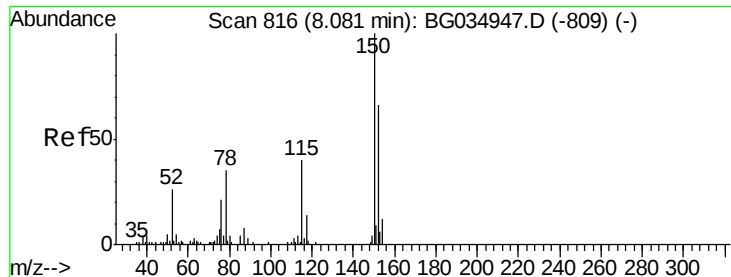
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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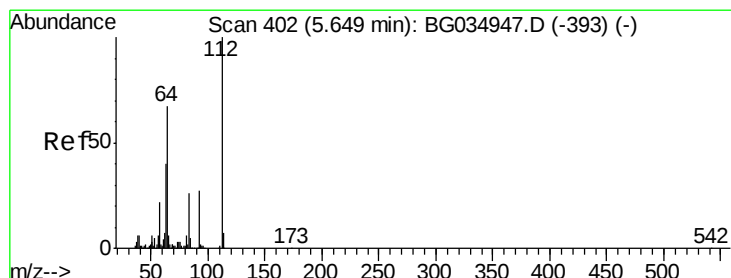
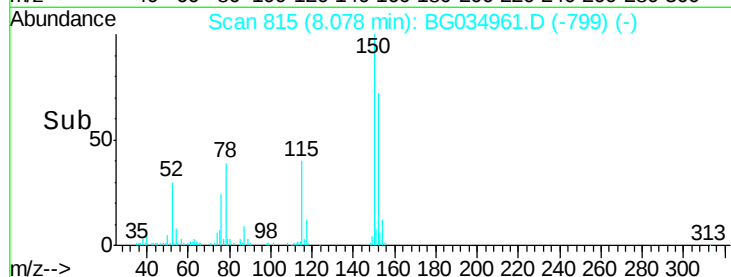
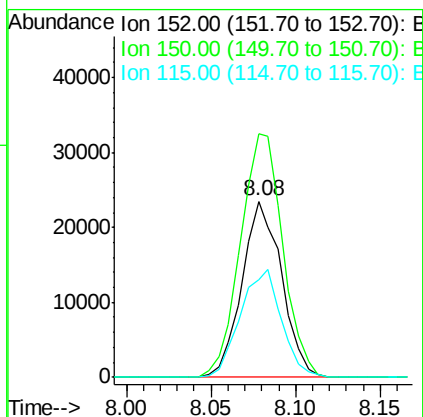
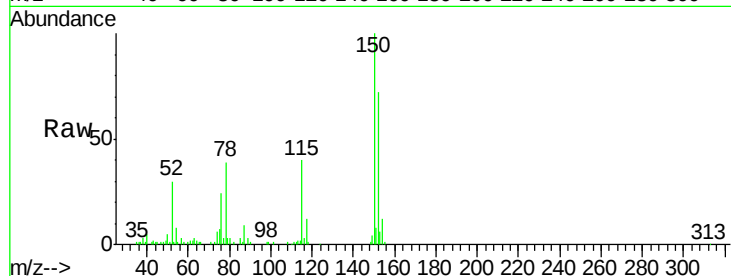


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034961.D
Acq: 7 Jun 2018 20:41

Instrument :
BNA_G
ClientSampleId :
SU-02-060518

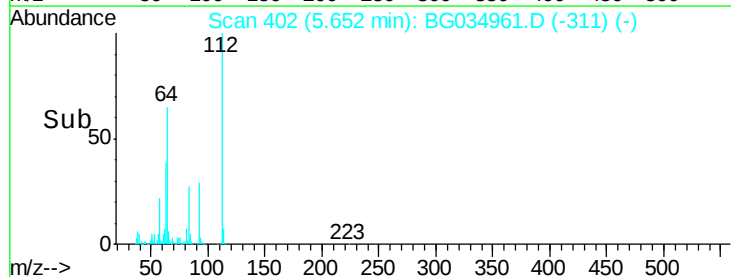
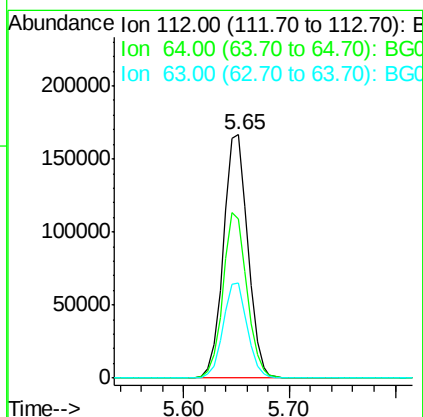
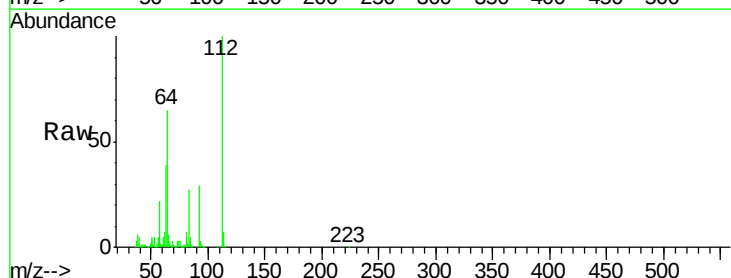
Tot Ion	Ratio	Lower	Upper
152	100		
150	138.2	126.6	189.8
115	55.7	53.0	79.4

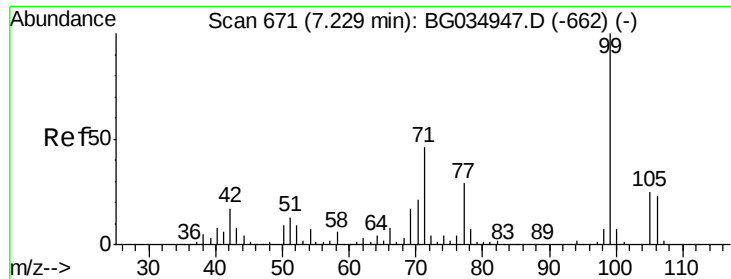


#5

2-Fluorophenol
Concen: 117.380 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034961.D
Acq: 7 Jun 2018 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	56.3	84.5
63	38.9	30.1	45.1





#7

Phenol-d6

Concen: 105.421 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG034961.D

Acq: 7 Jun 2018 20:41

Instrument :

BNA_G

ClientSampleId :

SU-02-060518

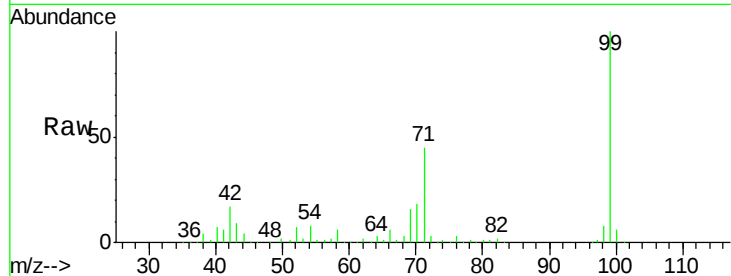
Tot Ion: 99 Resp: 352945

Ion Ratio Lower Upper

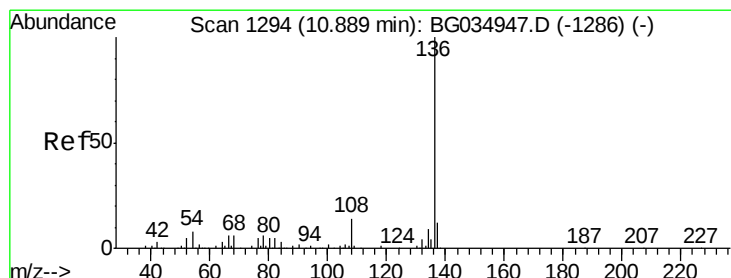
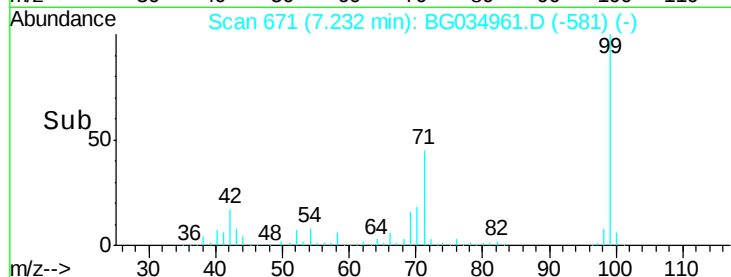
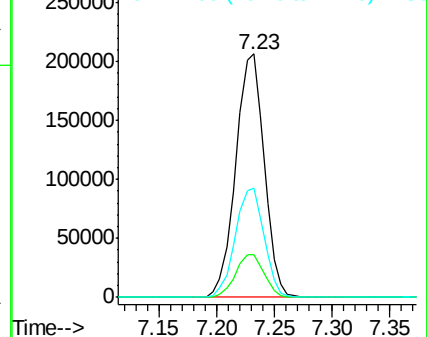
99 100

42 17.3 14.1 21.1

71 45.0 26.1 39.1#



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: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034961.D

Acq: 7 Jun 2018 20:41

Tgt Ion: 136 Resp: 141850

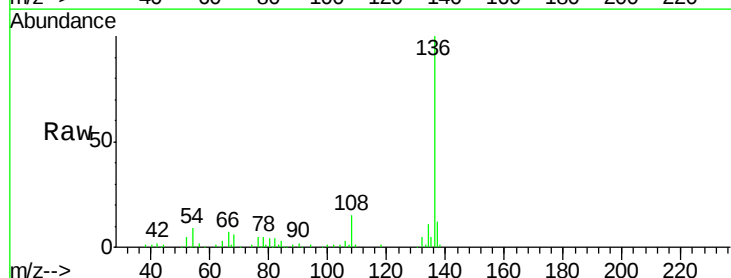
Ion Ratio Lower Upper

136 100

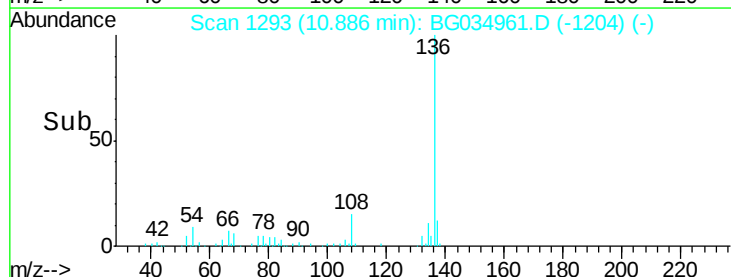
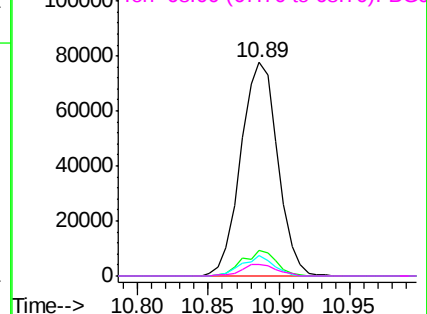
137 11.7 9.2 13.8

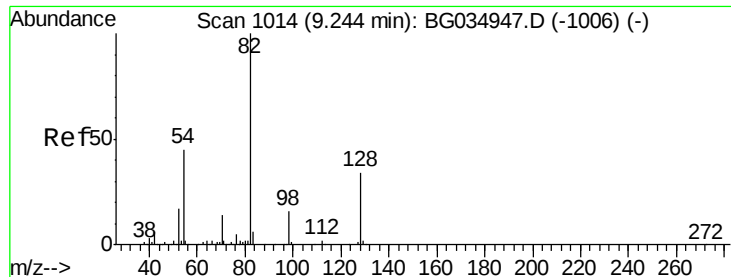
54 9.3 10.3 15.5#

68 5.7 4.5 6.7



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: 94.552 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG034961.D

Acq: 7 Jun 2018 20:41

Instrument :

BNA_G

ClientSampleId :

SU-02-060518

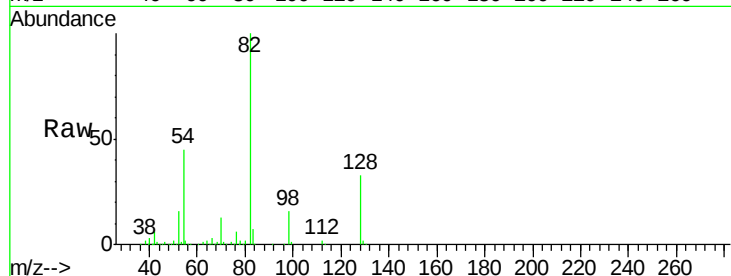
Tot Ion: 82 Resp: 282158

Ion Ratio Lower Upper

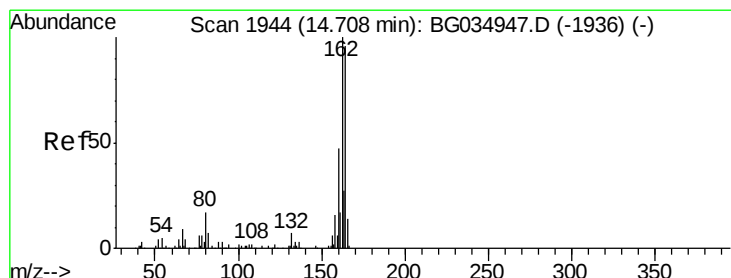
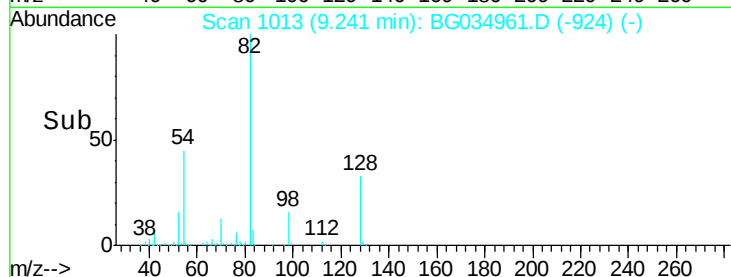
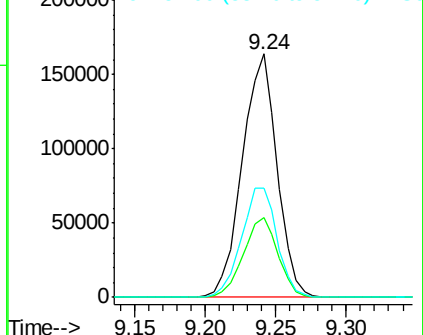
82 100

128 32.8 29.7 44.5

54 44.8 43.1 64.7



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: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034961.D

Acq: 7 Jun 2018 20:41

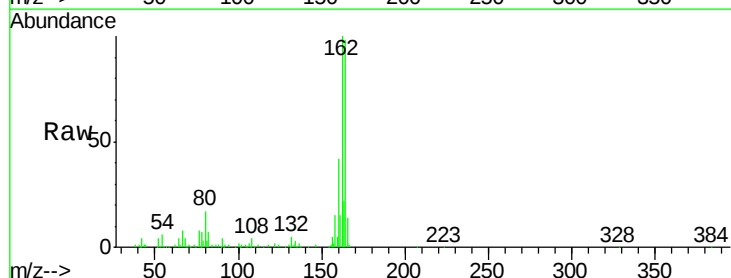
Tgt Ion:164 Resp: 100540

Ion Ratio Lower Upper

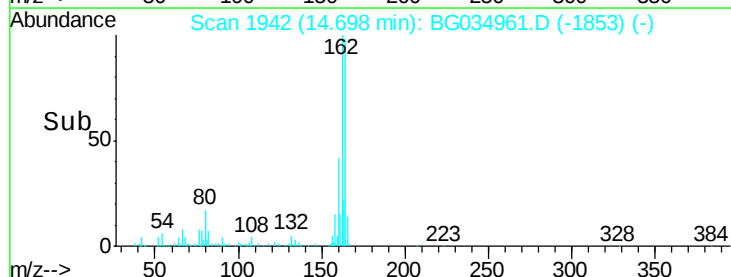
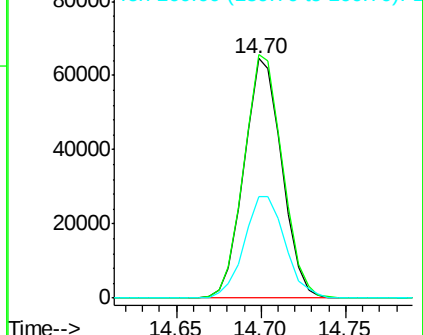
164 100

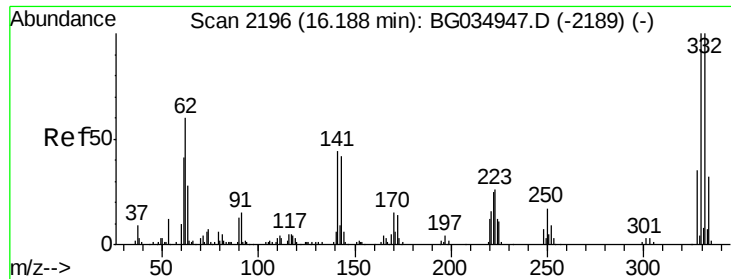
162 101.6 78.8 118.2

160 42.4 35.4 53.0



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

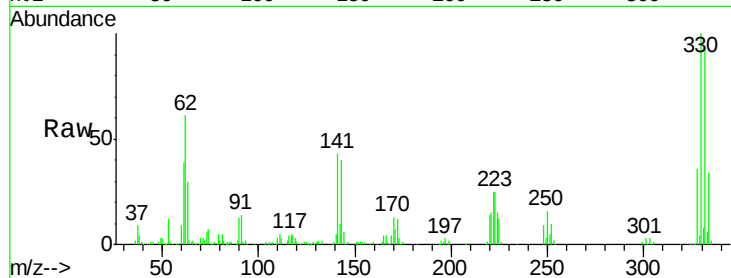




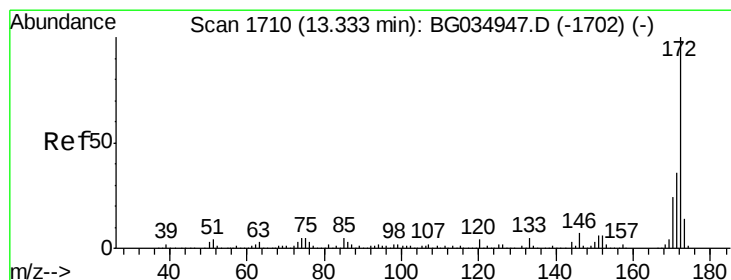
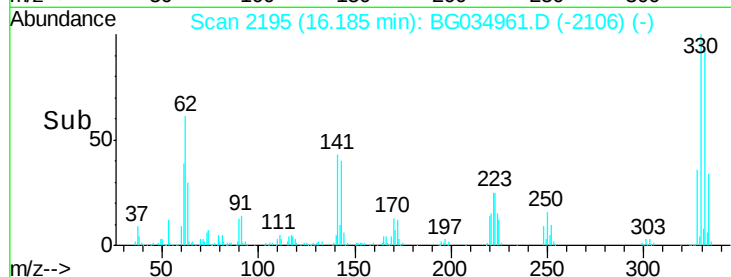
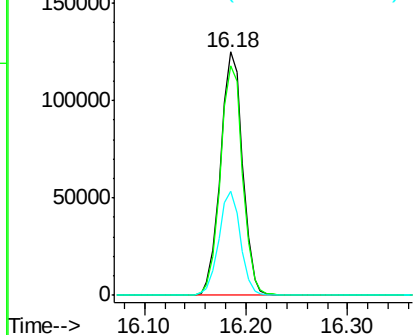
#41
 2,4,6-Tribromophenol
 Concen: 146.694 ng
 RT: 16.18 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BG034961.D
 Acq: 7 Jun 2018 20:41

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-060518

Tot Ion:330 Resp: 188801
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 41.8 25.2 37.8#

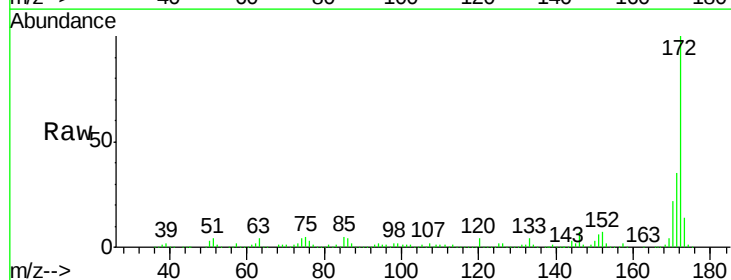


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

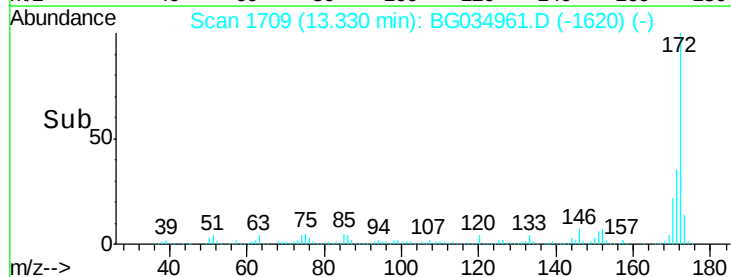
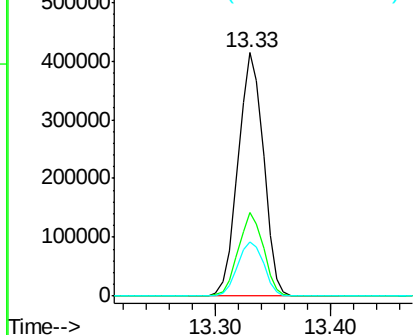


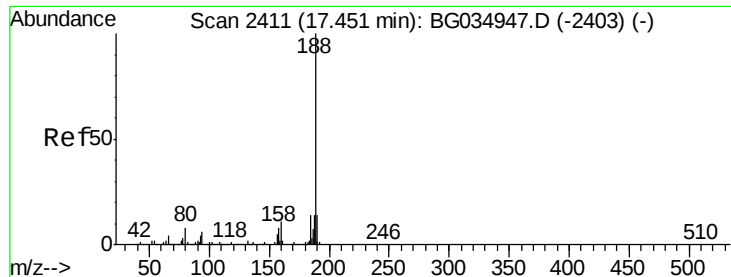
#44
 2-Fluorobiphenyl
 Concen: 81.553 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG034961.D
 Acq: 7 Jun 2018 20:41

Tgt Ion:172 Resp: 630718
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.0 45.0
 170 22.2 19.5 29.3



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: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG034961.D

Acq: 7 Jun 2018 20:41

Instrument :

BNA_G

ClientSampleId :

SU-02-060518

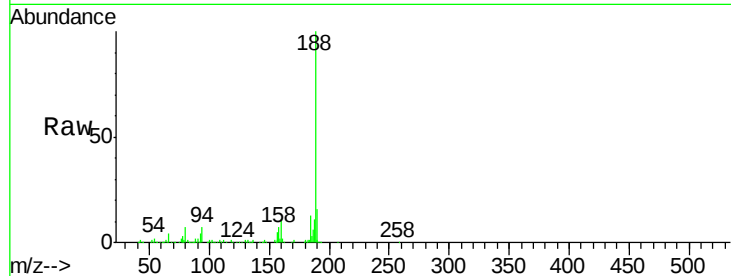
Tot Ion:188 Resp: 278483

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

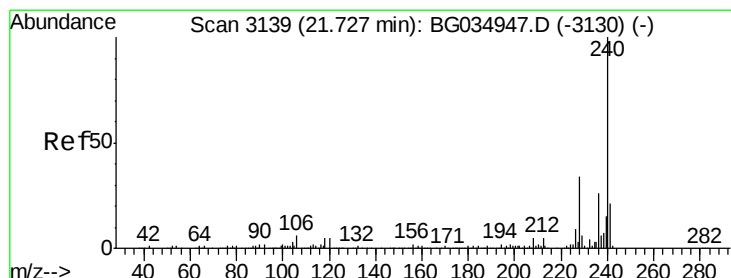
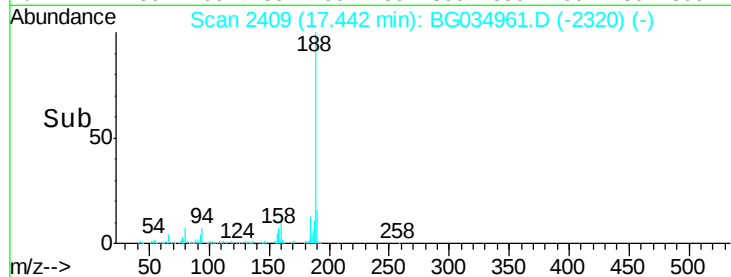
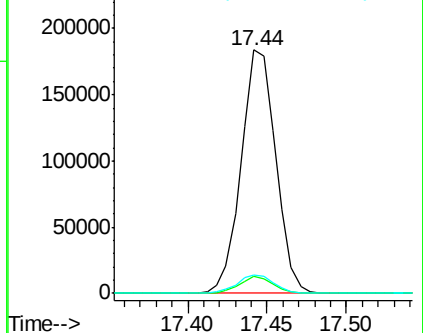
80 7.4 7.7 11.5#



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: 21.72 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG034961.D

Acq: 7 Jun 2018 20:41

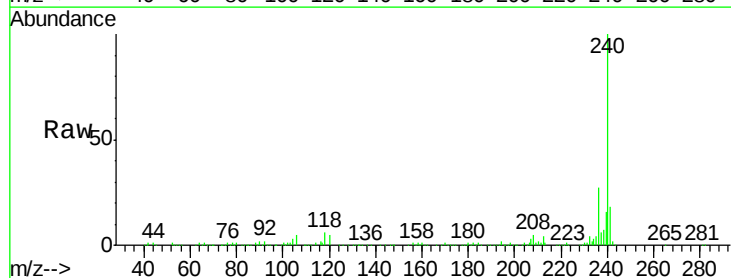
Tgt Ion:240 Resp: 301568

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

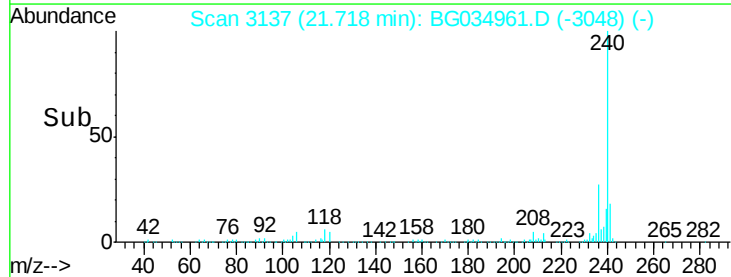
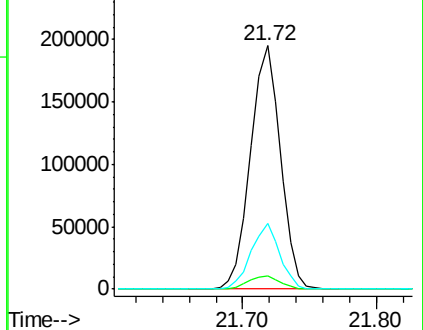
236 26.8 20.9 31.3

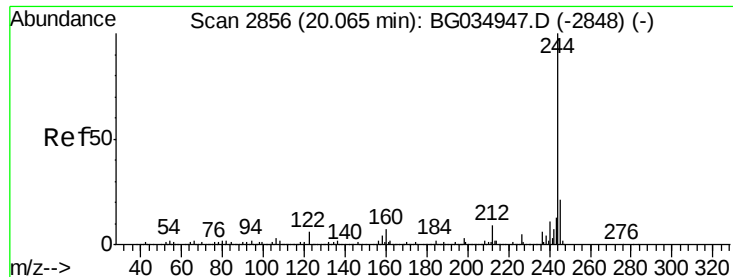


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.924 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034961.D

Acq: 7 Jun 2018 20:41

Instrument :

BNA_G

ClientSampleId :

SU-02-060518

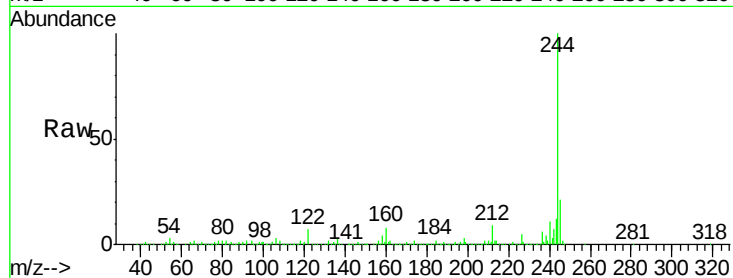
Tot Ion:244 Resp: 1280231

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

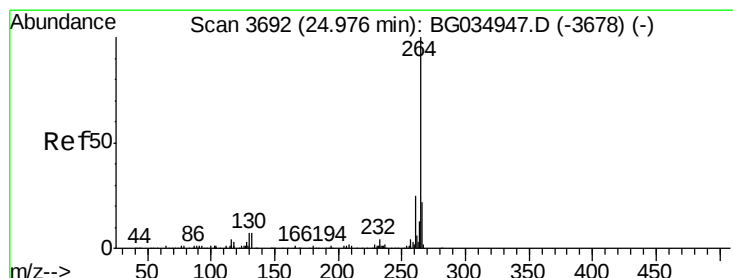
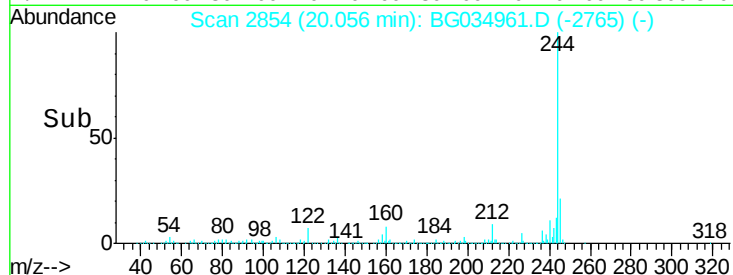
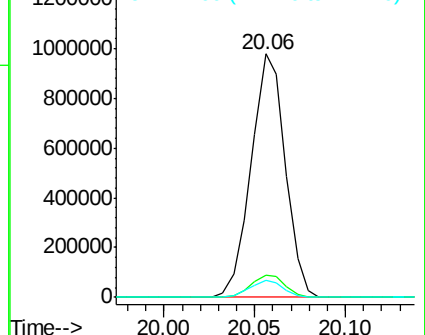
122 7.2 7.0 10.4



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: 24.96 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BG034961.D

Acq: 7 Jun 2018 20:41

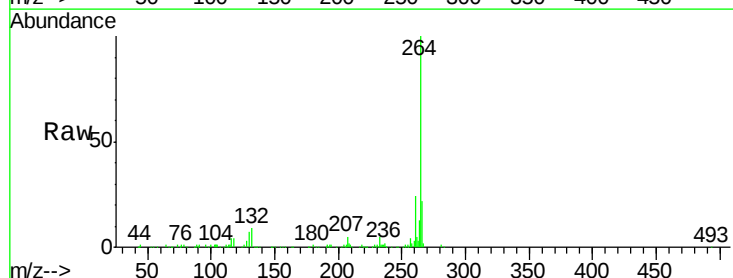
Tgt Ion:264 Resp: 293597

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 22.0 17.7 26.5



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

