

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035402.D
 Acq On : 26 Jun 2018 7:44
 Operator : JU/SJ
 Sample : J3642-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1

Quant Time: Jun 26 11:18:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47614	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	170798	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	115830	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	308246	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	346293	20.00	ng	-0.04
86) Perylene-d12	24.89	264	322538	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	359095	127.28	ng	-0.01
7) Phenol-d6	7.21	99	472935	113.57	ng	-0.01
23) Nitrobenzene-d5	9.21	82	363408	101.14	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	252051	169.99	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	795785	89.31	ng	-0.03
78) Terphenyl-d14	20.02	244	1563551	94.58	ng	-0.02

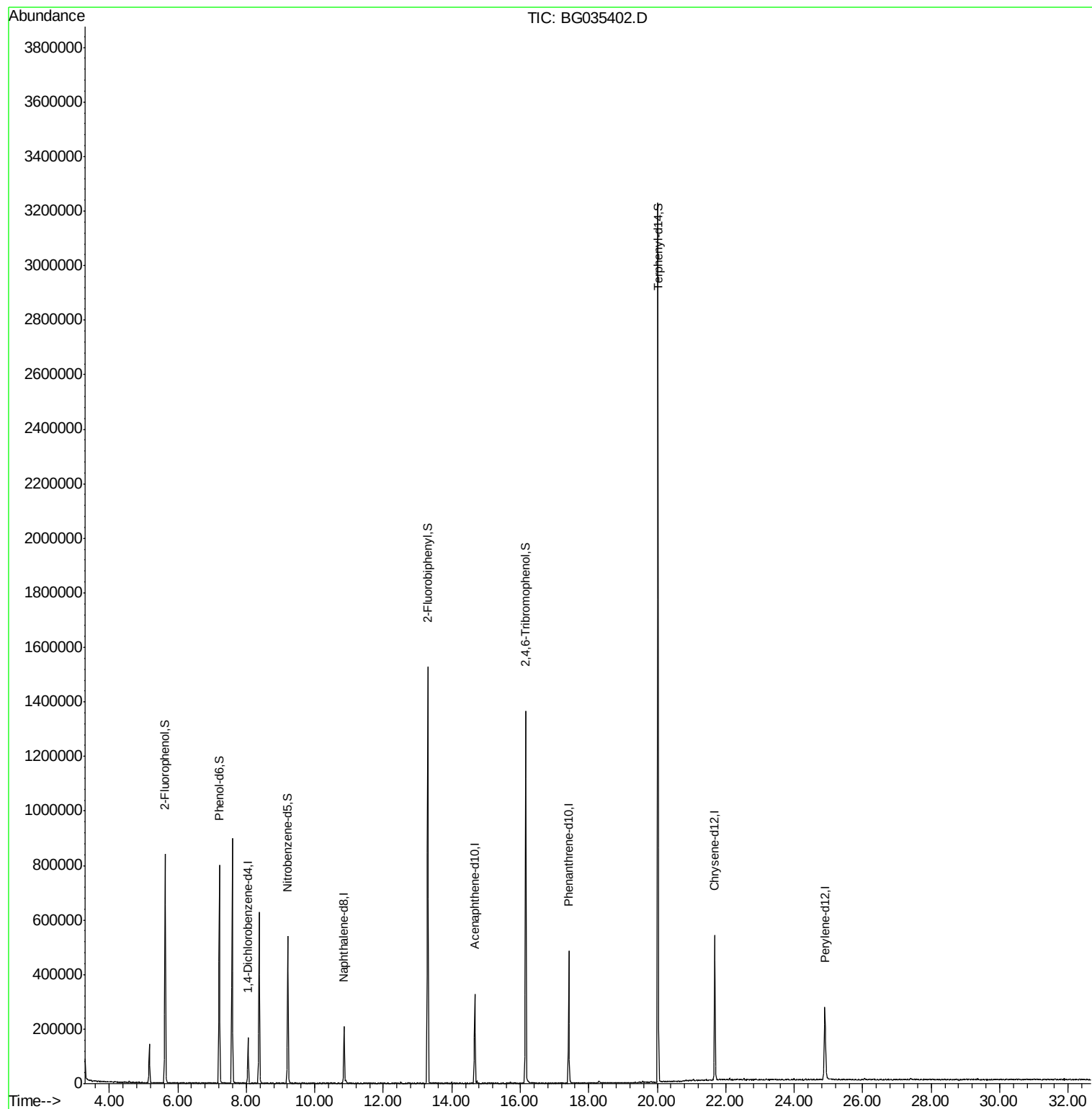
Target Compounds Qvalue

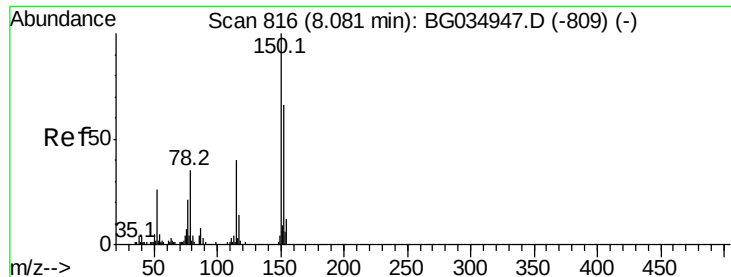
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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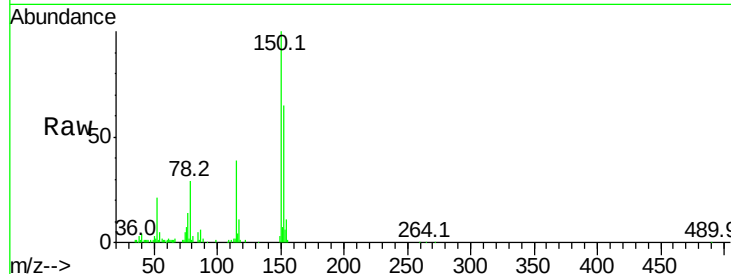


#1

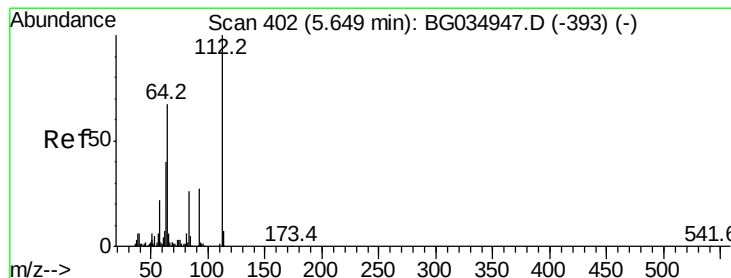
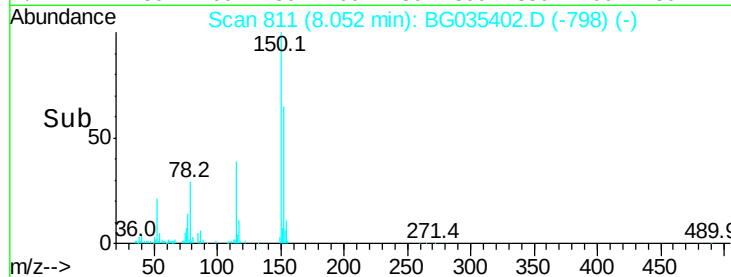
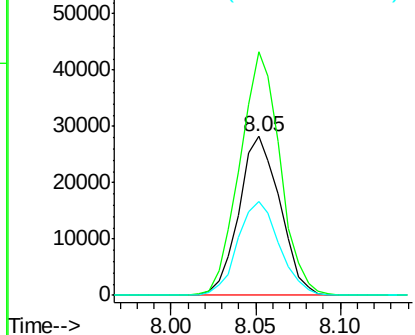
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035402.D
Acq: 26 Jun 2018 7:44

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1

Tot Ion:152 Resp: 47614
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 59.1 53.0 79.4



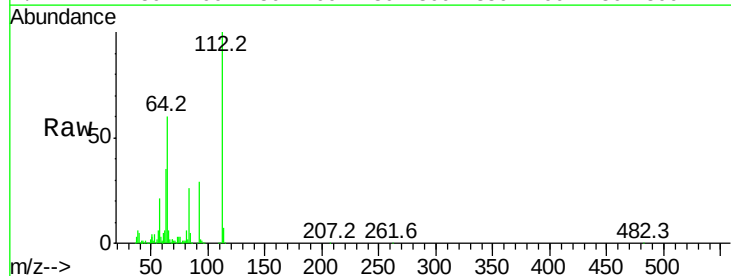
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



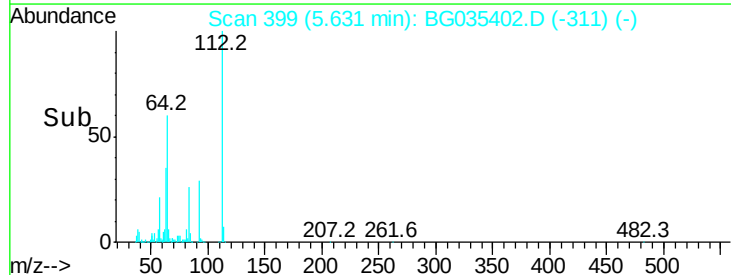
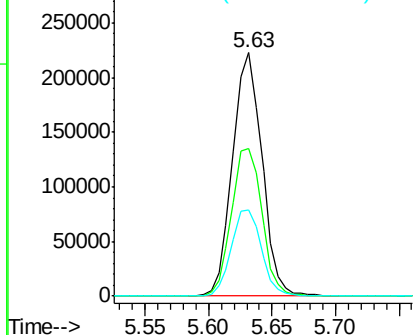
#5

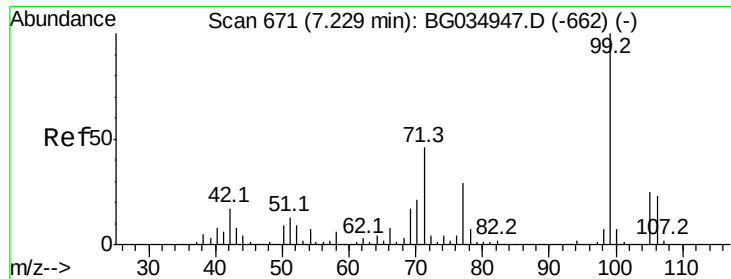
2-Fluorophenol
Concen: 127.276 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035402.D
Acq: 26 Jun 2018 7:44

Tgt Ion:112 Resp: 359095
Ion Ratio Lower Upper
112 100
64 60.4 56.3 84.5
63 35.2 30.1 45.1



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: 113.572 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035402.D

Acq: 26 Jun 2018 7:44

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

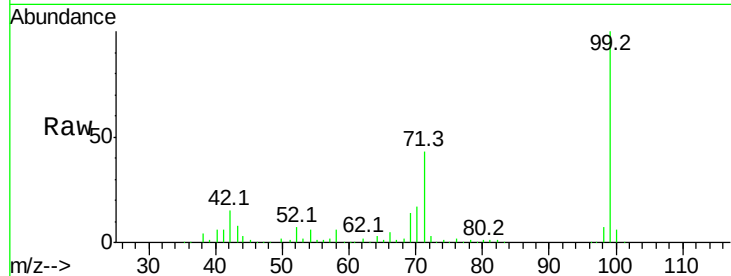
Tot Ion: 99 Resp: 472935

Ion Ratio Lower Upper

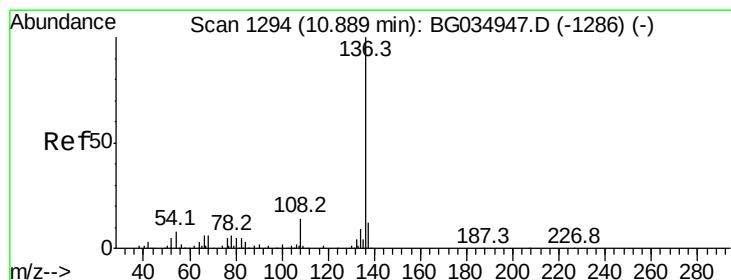
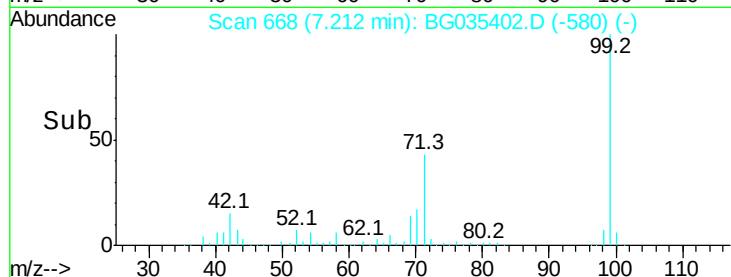
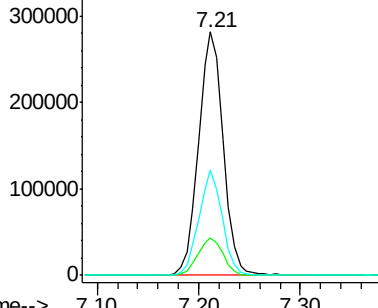
99 100

42 15.4 14.1 21.1

71 43.2 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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035402.D

Acq: 26 Jun 2018 7:44

Tgt Ion: 136 Resp: 170798

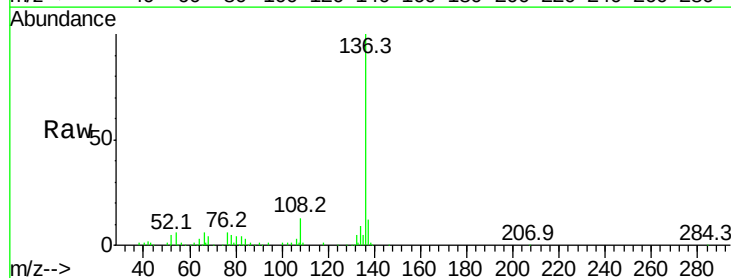
Ion Ratio Lower Upper

136 100

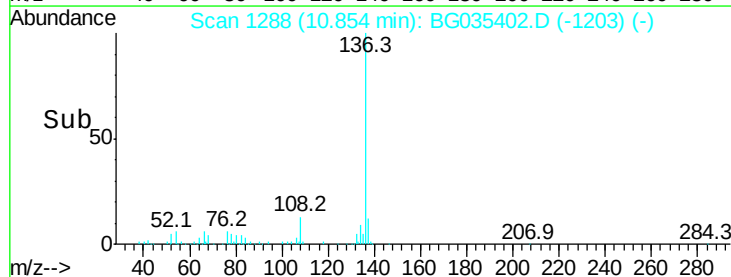
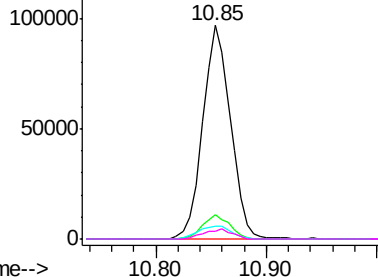
137 11.5 9.2 13.8

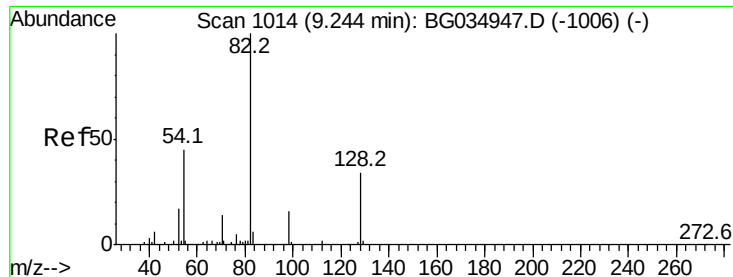
54 6.2 10.3 15.5#

68 3.8 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: 101.139 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035402.D

Acq: 26 Jun 2018 7:44

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

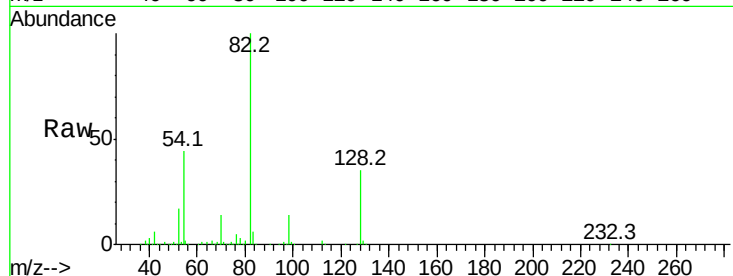
Tot Ion: 82 Resp: 363408

Ion Ratio Lower Upper

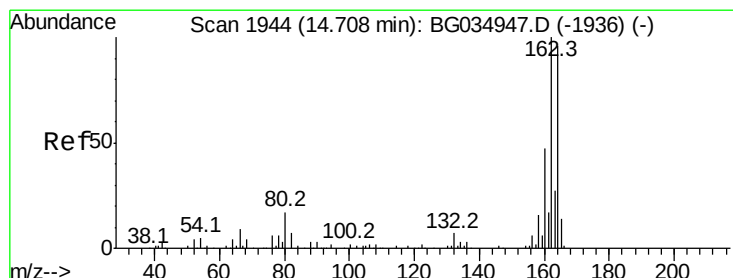
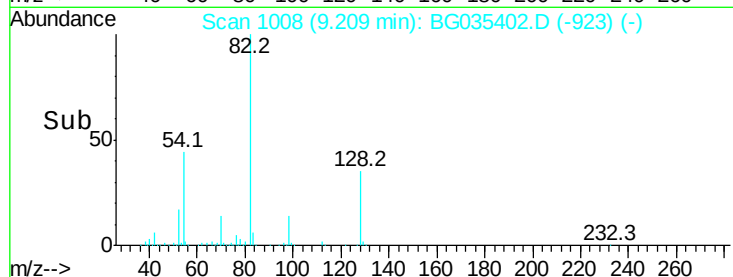
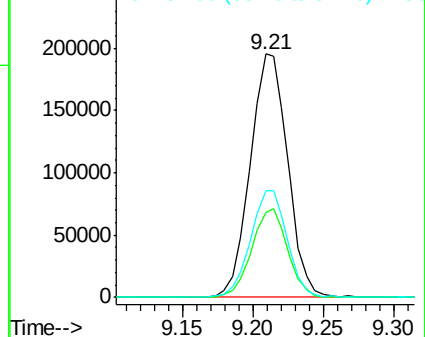
82 100

128 34.7 29.7 44.5

54 44.0 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: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035402.D

Acq: 26 Jun 2018 7:44

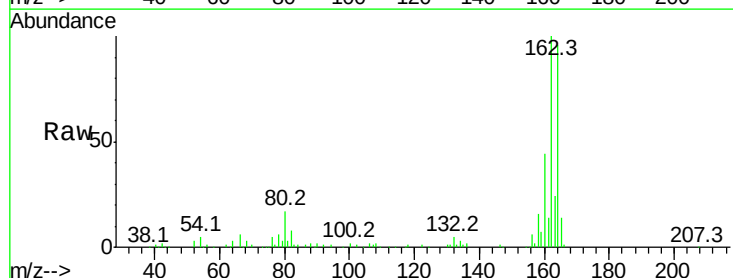
Tgt Ion:164 Resp: 115830

Ion Ratio Lower Upper

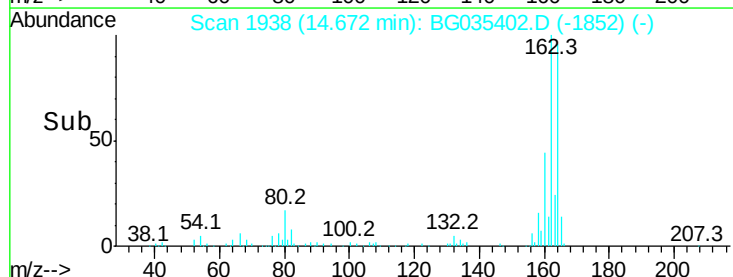
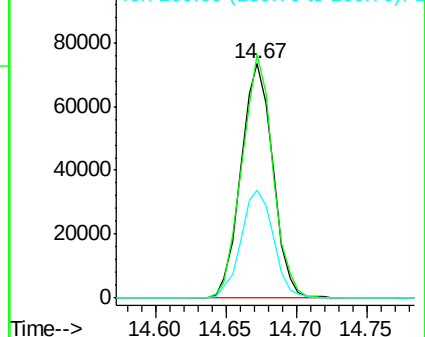
164 100

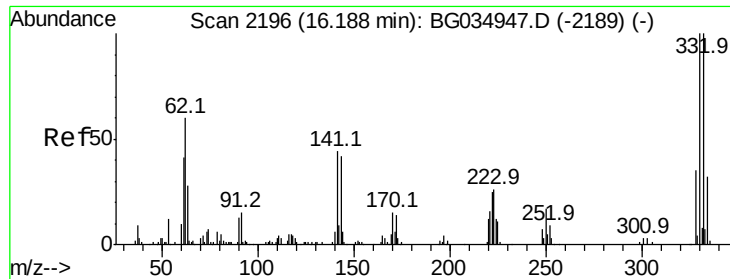
162 103.8 78.8 118.2

160 46.1 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

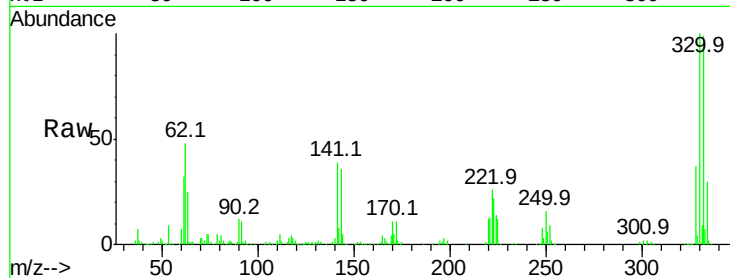




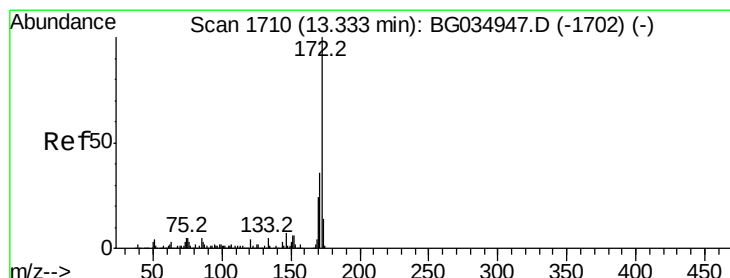
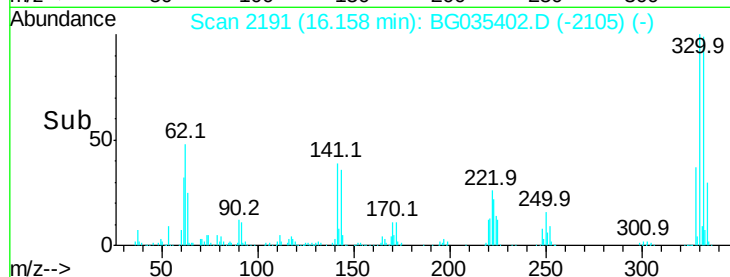
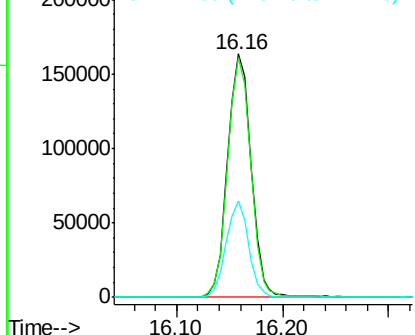
#41
 2,4,6-Tribromophenol
 Concen: 169.986 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035402.D
 Acq: 26 Jun 2018 7:44

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	37.6	25.2	37.8

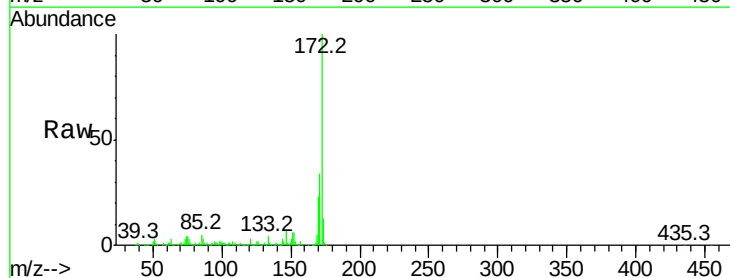


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

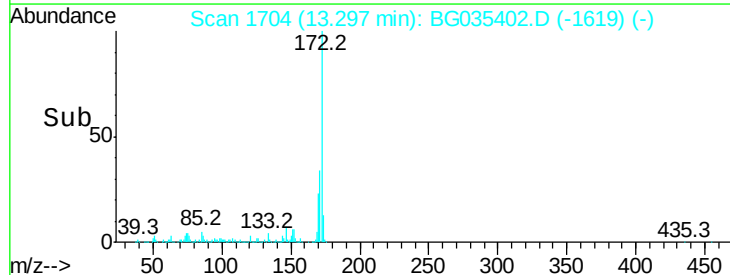
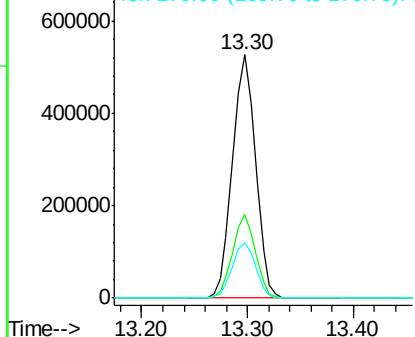


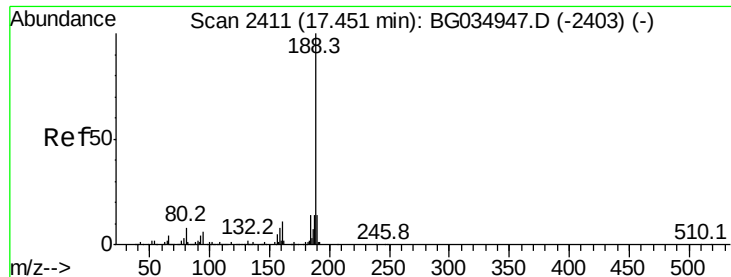
#44
 2-Fluorobiphenyl
 Concen: 89.313 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035402.D
 Acq: 26 Jun 2018 7:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.0	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

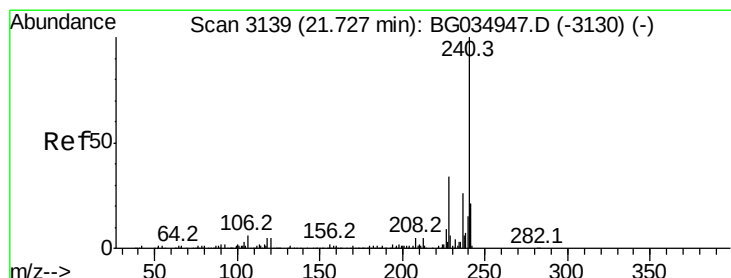
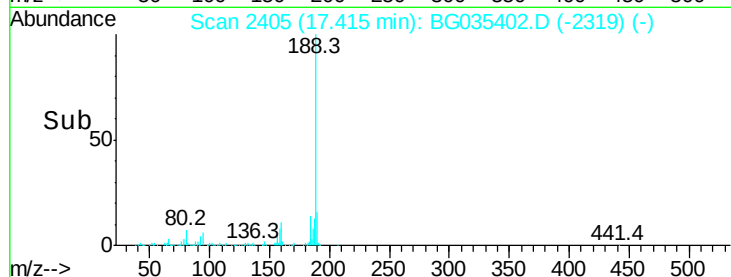
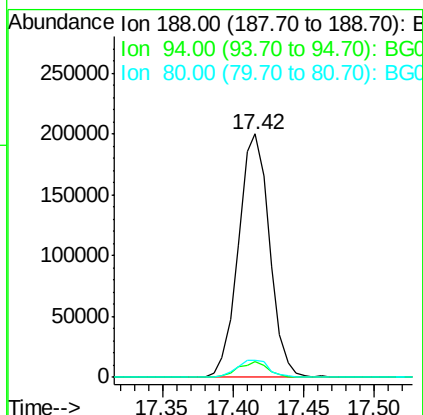
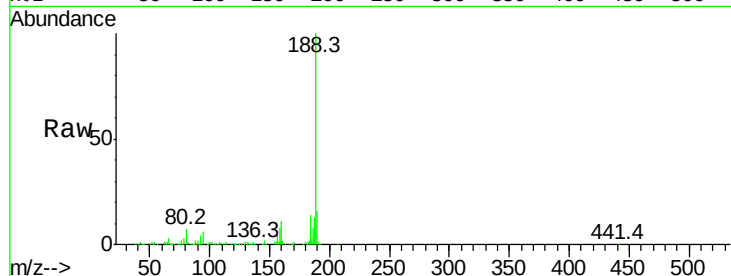




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035402.D
Acq: 26 Jun 2018 7:44

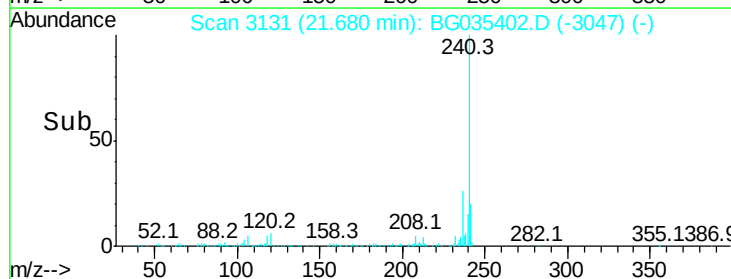
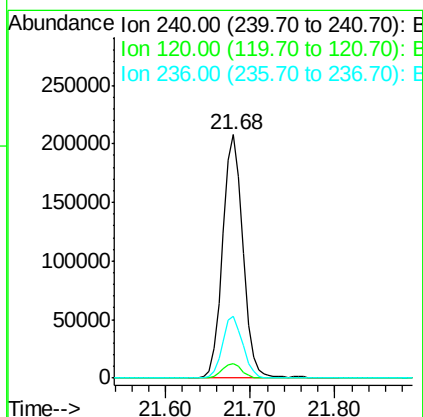
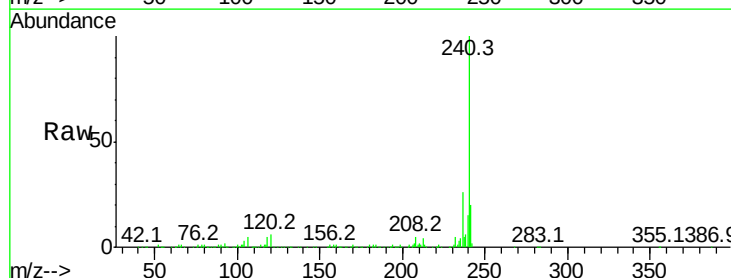
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1

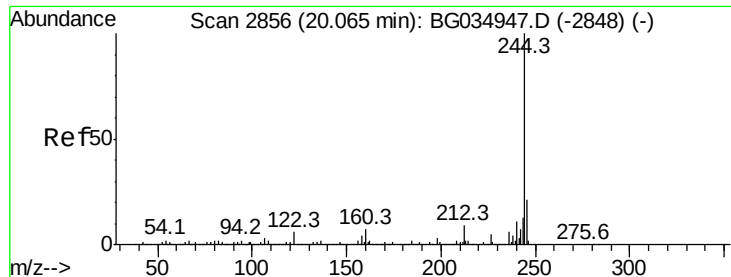
Tot Ion:188 Resp: 308246
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035402.D
Acq: 26 Jun 2018 7:44

Tgt Ion:240 Resp: 346293
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 94.577 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035402.D

Acq: 26 Jun 2018 7:44

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

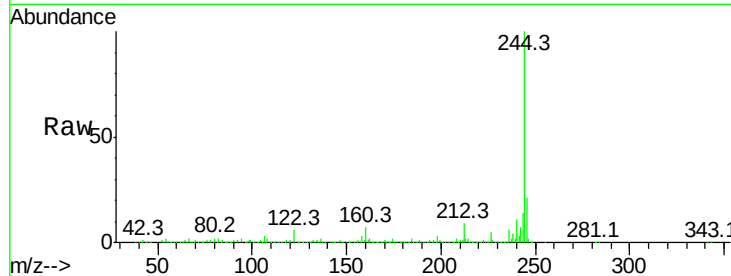
Tot Ion:244 Resp: 1563551

Ion Ratio Lower Upper

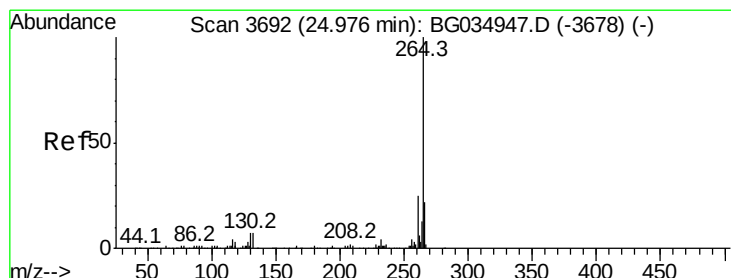
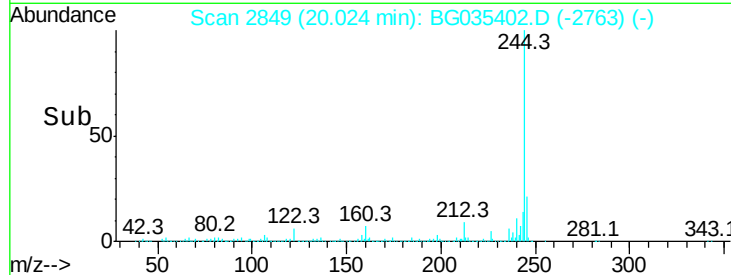
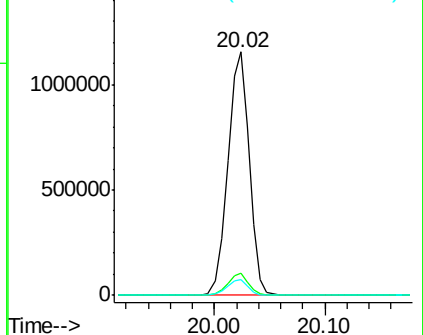
244 100

212 9.3 5.8 8.8#

122 6.3 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: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035402.D

Acq: 26 Jun 2018 7:44

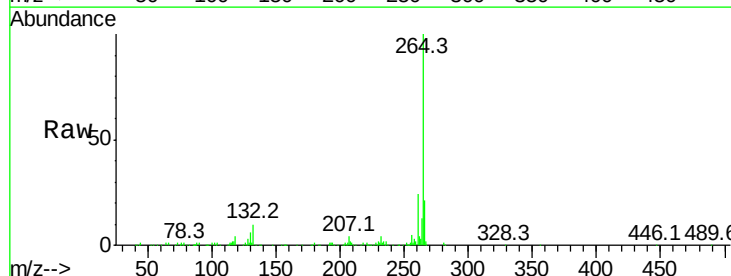
Tgt Ion:264 Resp: 322538

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 20.9 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

