

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035468.D
 Acq On : 28 Jun 2018 6:35
 Operator : JU/SJ
 Sample : J3048-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Quant Time: Jun 28 08:09:03 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	49119	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	184466	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	129815	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	338681	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	379947	20.00	ng	-0.04
86) Perylene-d12	24.90	264	336743	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	424871	145.98	ng	-0.01
7) Phenol-d6	7.21	99	567862	132.19	ng	-0.01
23) Nitrobenzene-d5	9.22	82	445820	114.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	245948	148.00	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1014286	101.57	ng	-0.03
78) Terphenyl-d14	20.02	244	1764301	97.27	ng	-0.02

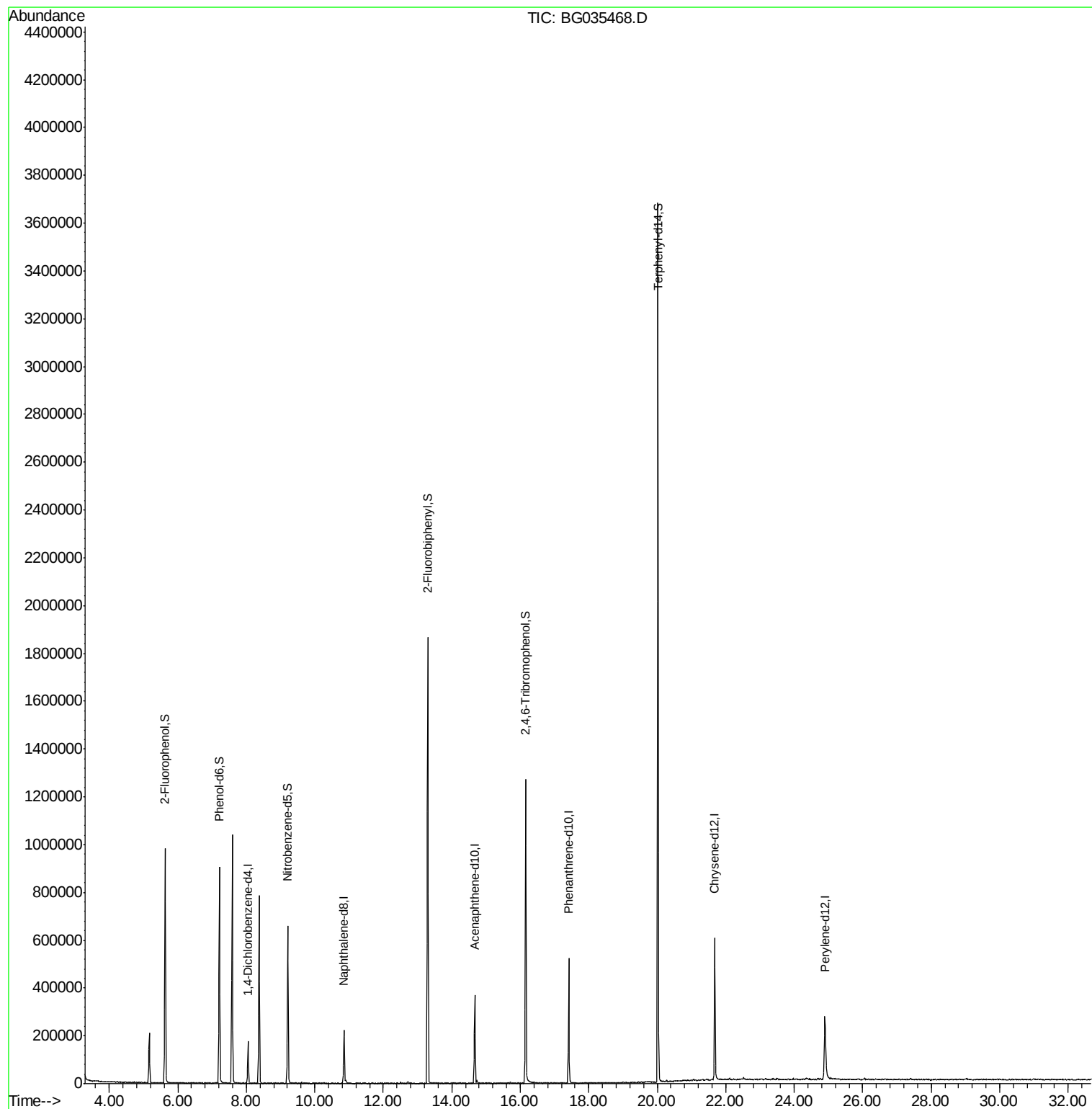
Target Compounds Qvalue

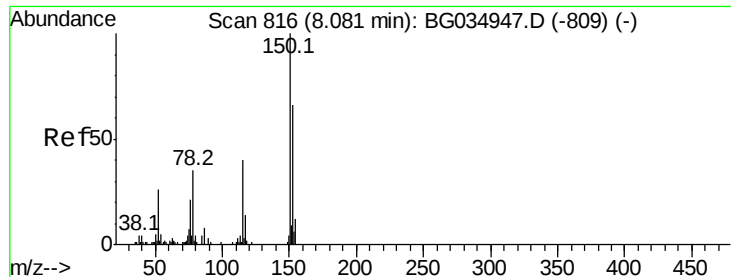
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035468.D
Acq On : 28 Jun 2018 6:35
Operator : JU/SJ
Sample : J3048-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Quant Time: Jun 28 08:09:03 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.02 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

Instrument :

BNA_G

ClientSampleId :

TP-3-S

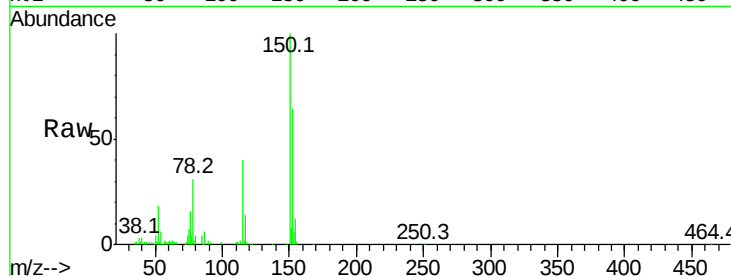
Tot Ion:152 Resp: 49119

Ion Ratio Lower Upper

152 100

150 155.3 126.6 189.8

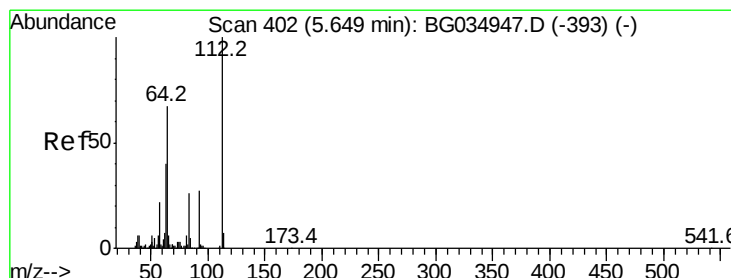
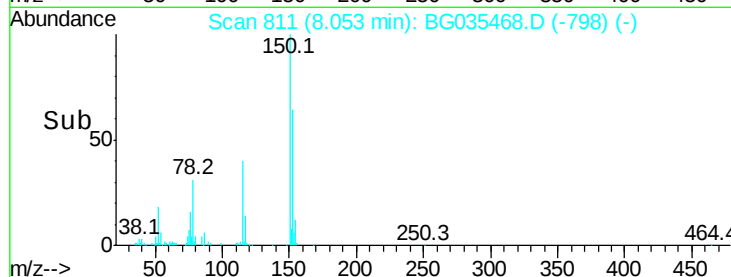
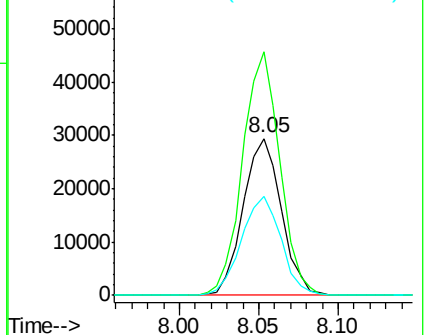
115 62.7 53.0 79.4



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: 145.975 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

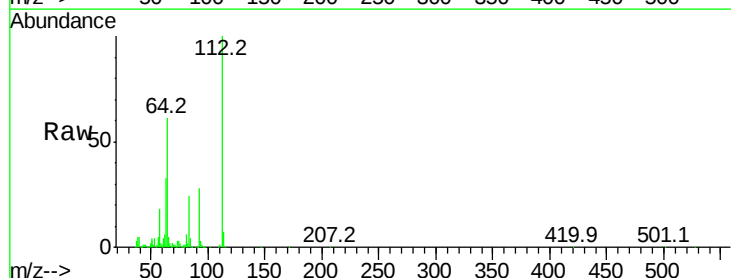
Tgt Ion:112 Resp: 424871

Ion Ratio Lower Upper

112 100

64 61.4 56.3 84.5

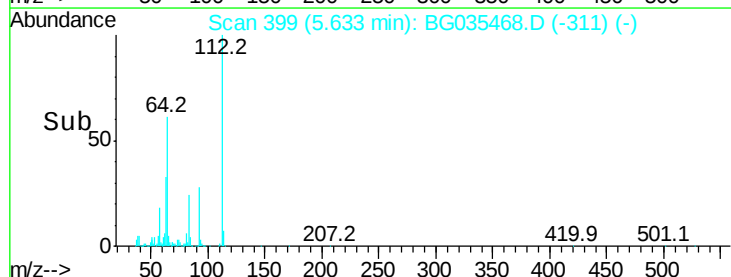
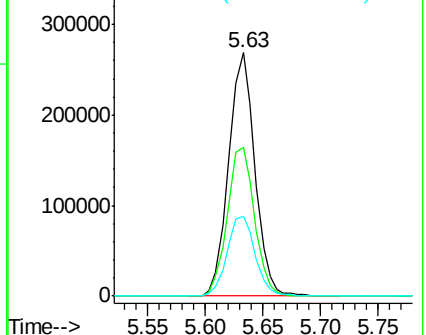
63 33.0 30.1 45.1

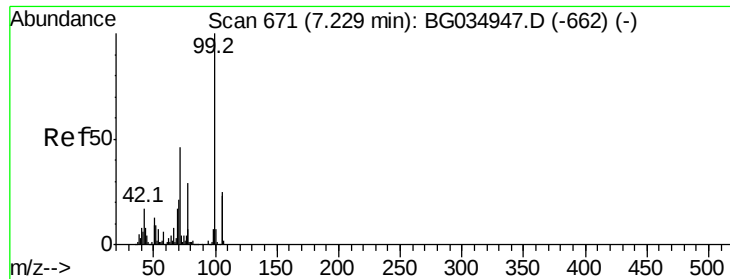


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.189 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

Instrument :

BNA_G

ClientSampleId :

TP-3-S

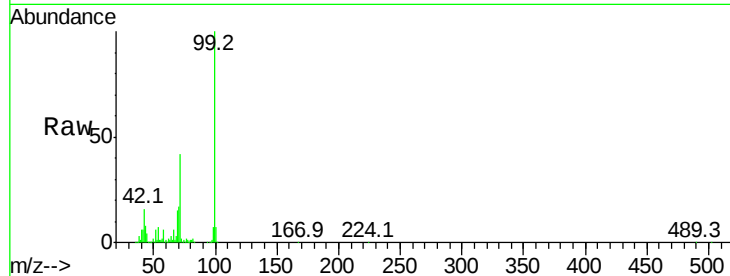
Tot Ion: 99 Resp: 567862

Ion Ratio Lower Upper

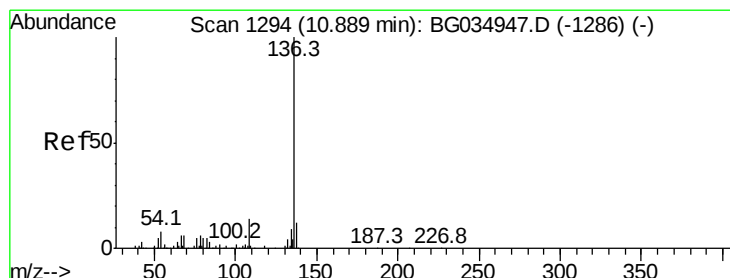
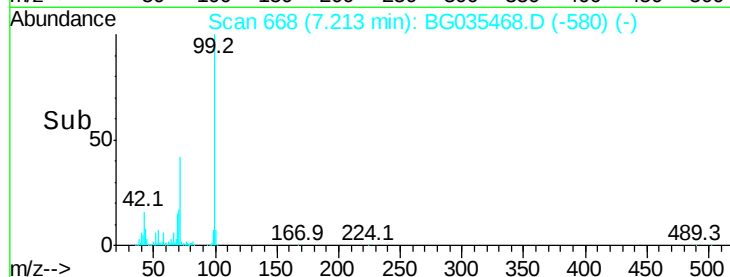
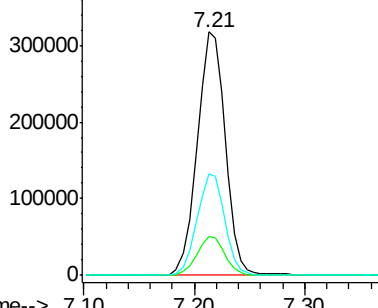
99 100

42 15.7 14.1 21.1

71 41.9 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: BG035468.D

Acq: 28 Jun 2018 6:35

Tgt Ion: 136 Resp: 184466

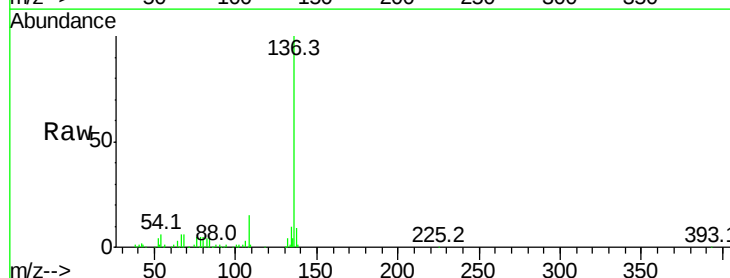
Ion Ratio Lower Upper

136 100

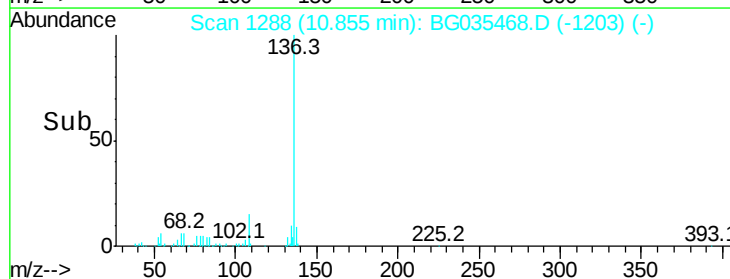
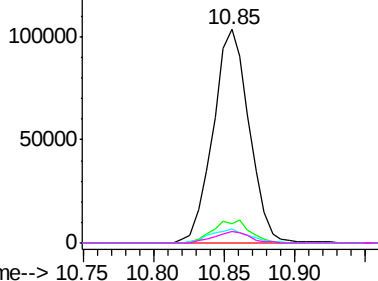
137 9.2 9.2 13.8

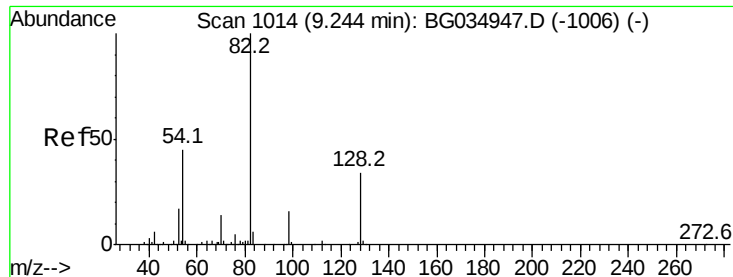
54 6.5 10.3 15.5#

68 5.6 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: 114.882 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

Instrument :

BNA_G

ClientSampleId :

TP-3-S

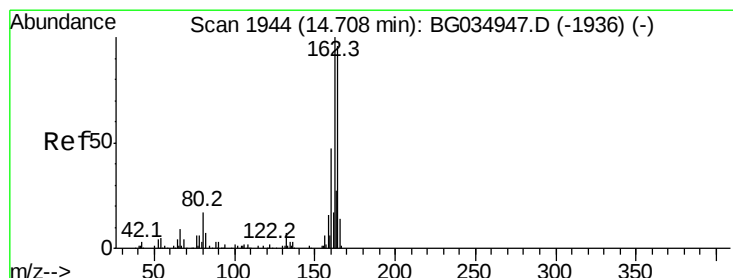
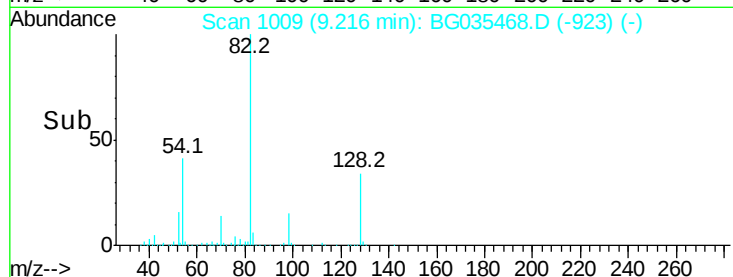
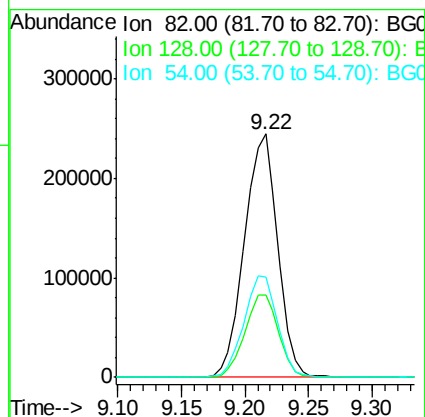
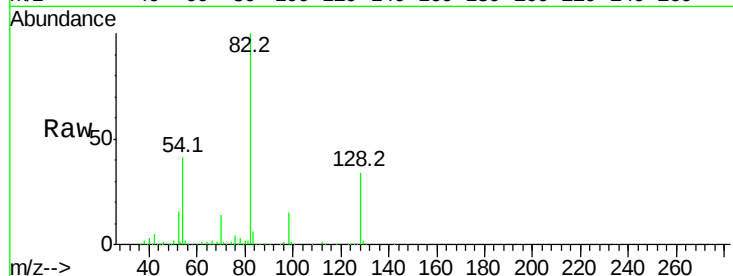
Tot Ion: 82 Resp: 445820

Ion Ratio Lower Upper

82 100

128 33.7 29.7 44.5

54 41.2 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

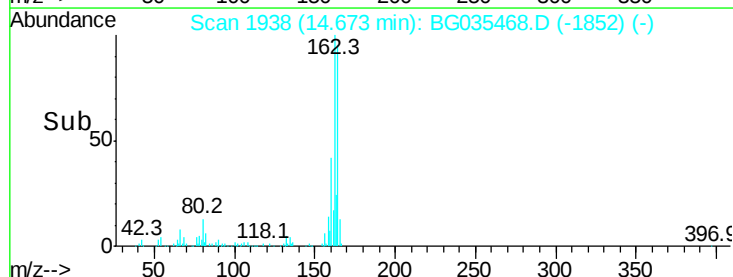
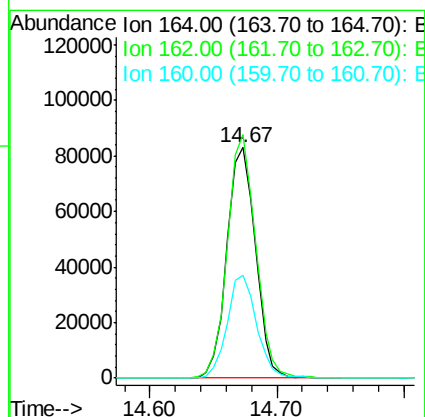
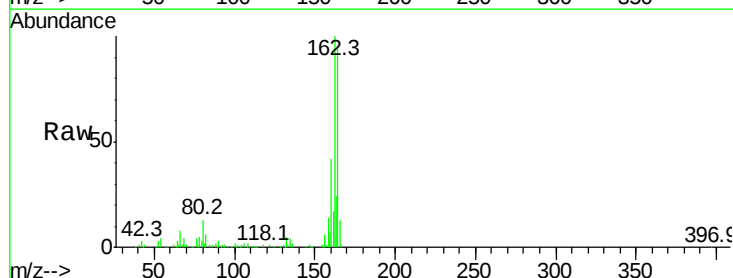
Tgt Ion:164 Resp: 129815

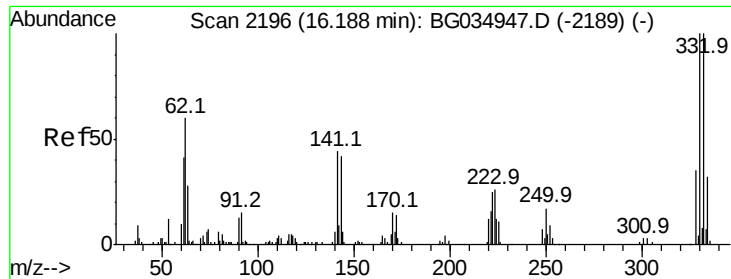
Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

160 44.6 35.4 53.0

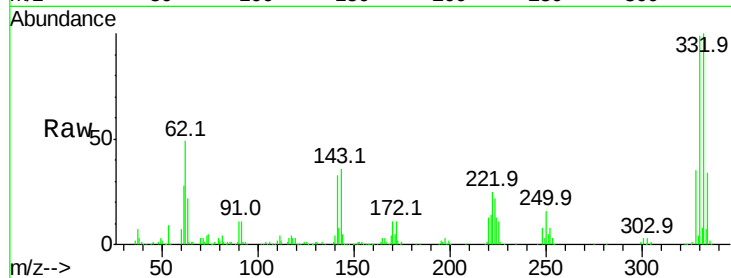




#41
 2,4,6-Tribromophenol
 Concen: 148.001 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035468.D
 Acq: 28 Jun 2018 6:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.8	25.2	37.8

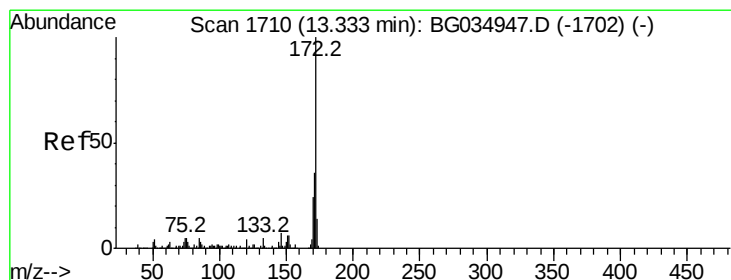
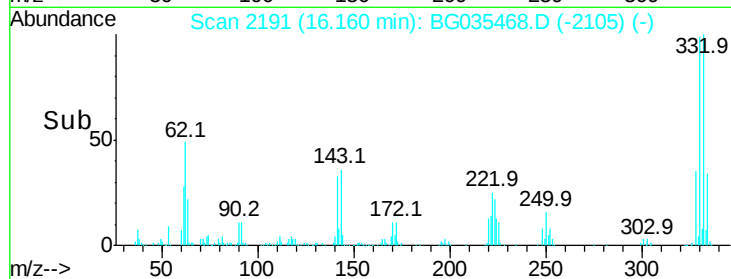
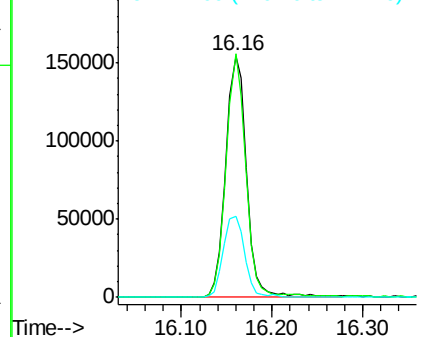


Abundance

Ion 329.80 (329.50 to 330.50): E

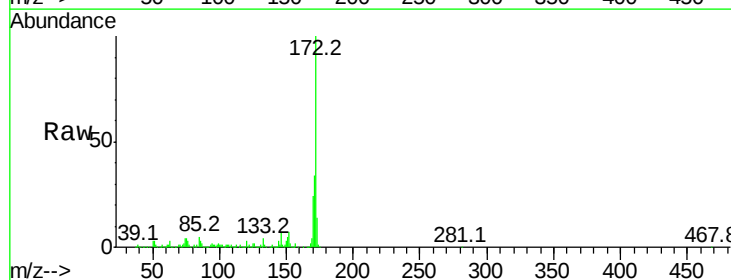
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.573 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035468.D
 Acq: 28 Jun 2018 6:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	24.1	19.5	29.3

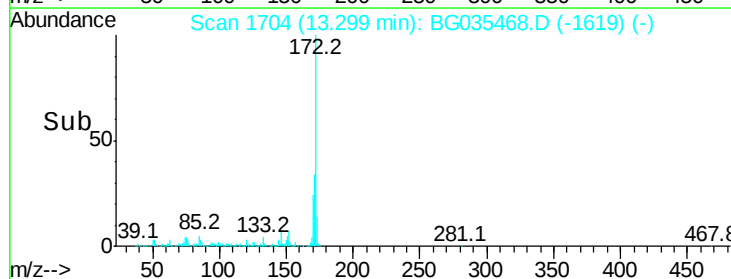
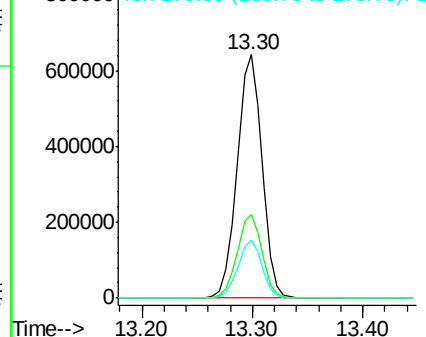


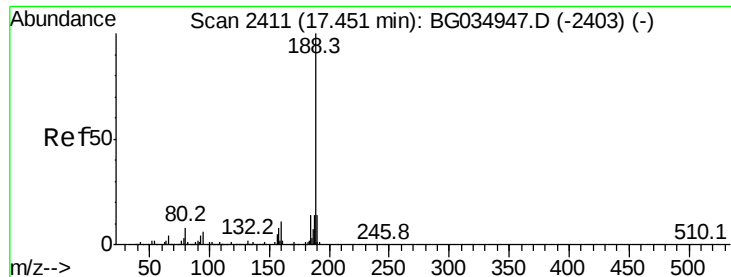
Abundance

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

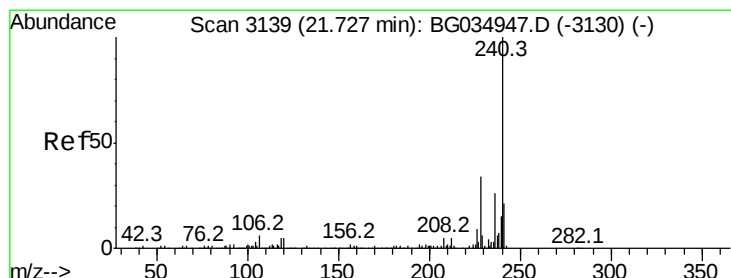
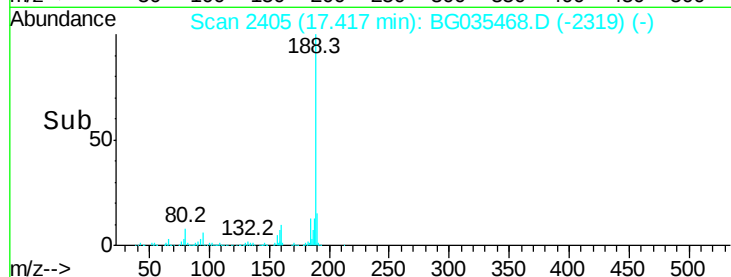
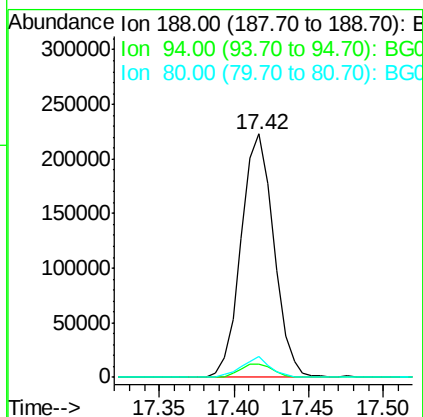
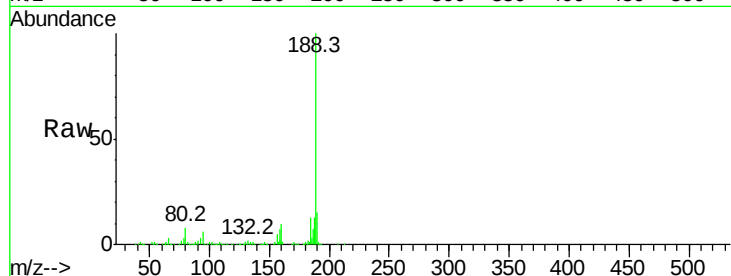




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035468.D
Acq: 28 Jun 2018 6:35

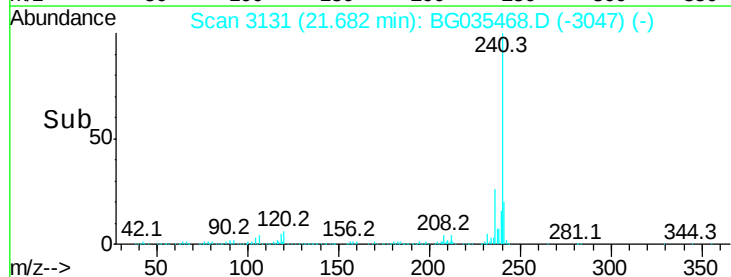
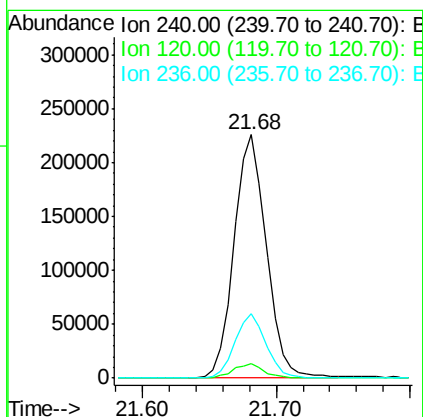
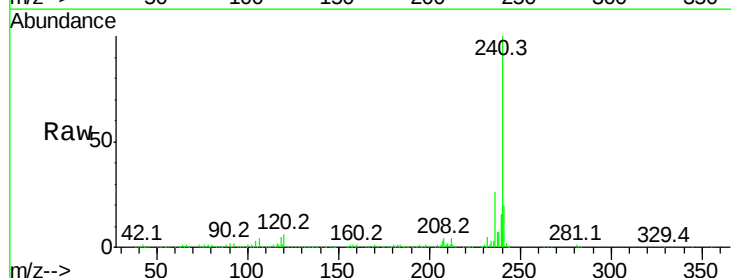
Instrument :
BNA_G
ClientSampleId :
TP-3-S

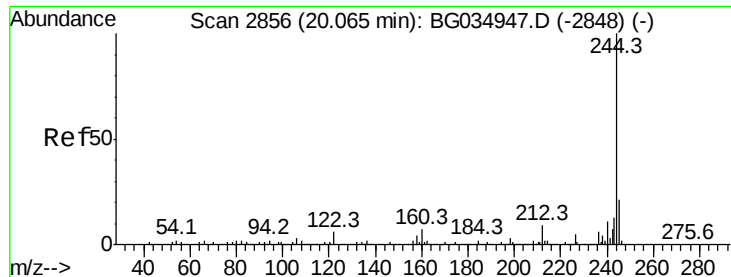
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	8.4	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035468.D
Acq: 28 Jun 2018 6:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	26.4	20.9	31.3





#78

Terphenyl-d14

Concen: 97.267 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

Instrument :

BNA_G

ClientSampleId :

TP-3-S

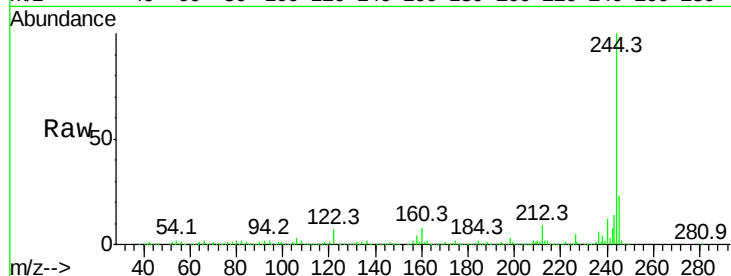
Tot Ion:244 Resp: 1764301

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

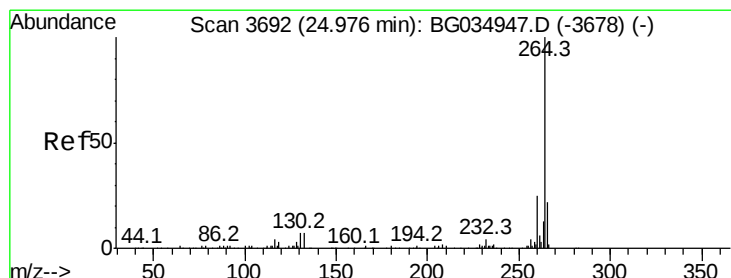
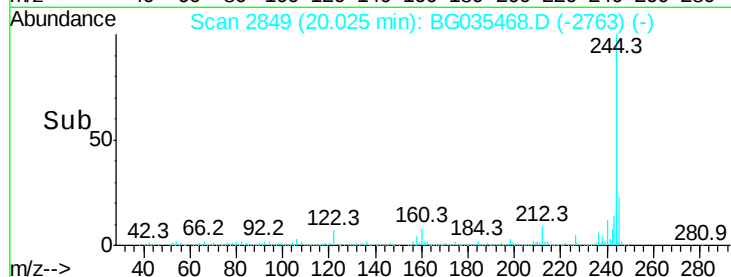
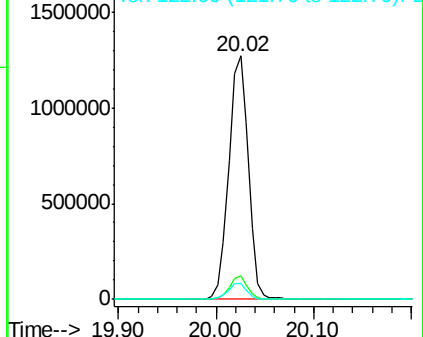
122 6.6 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

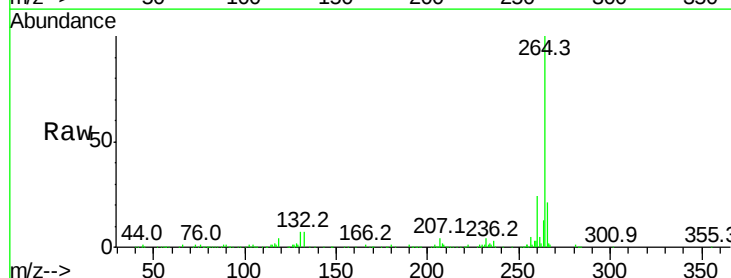
Tgt Ion:264 Resp: 336743

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.8 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

