

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035306.D
 Acq On : 21 Jun 2018 19:17
 Operator : JU/SJ
 Sample : J3584-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Quant Time: Jun 21 19:52:04 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	8.06	152	51597	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	176831	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	122191	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	331124	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	373217	20.00	ng	-0.03
86) Perylene-d12	24.91	264	348225	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	393386	128.67	ng	0.00
7) Phenol-d6	7.22	99	487914	108.12	ng	0.00
23) Nitrobenzene-d5	9.21	82	421484	113.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	287003	183.48	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	918906	97.76	ng	-0.02
78) Terphenyl-d14	20.03	244	1735021	97.38	ng	-0.02

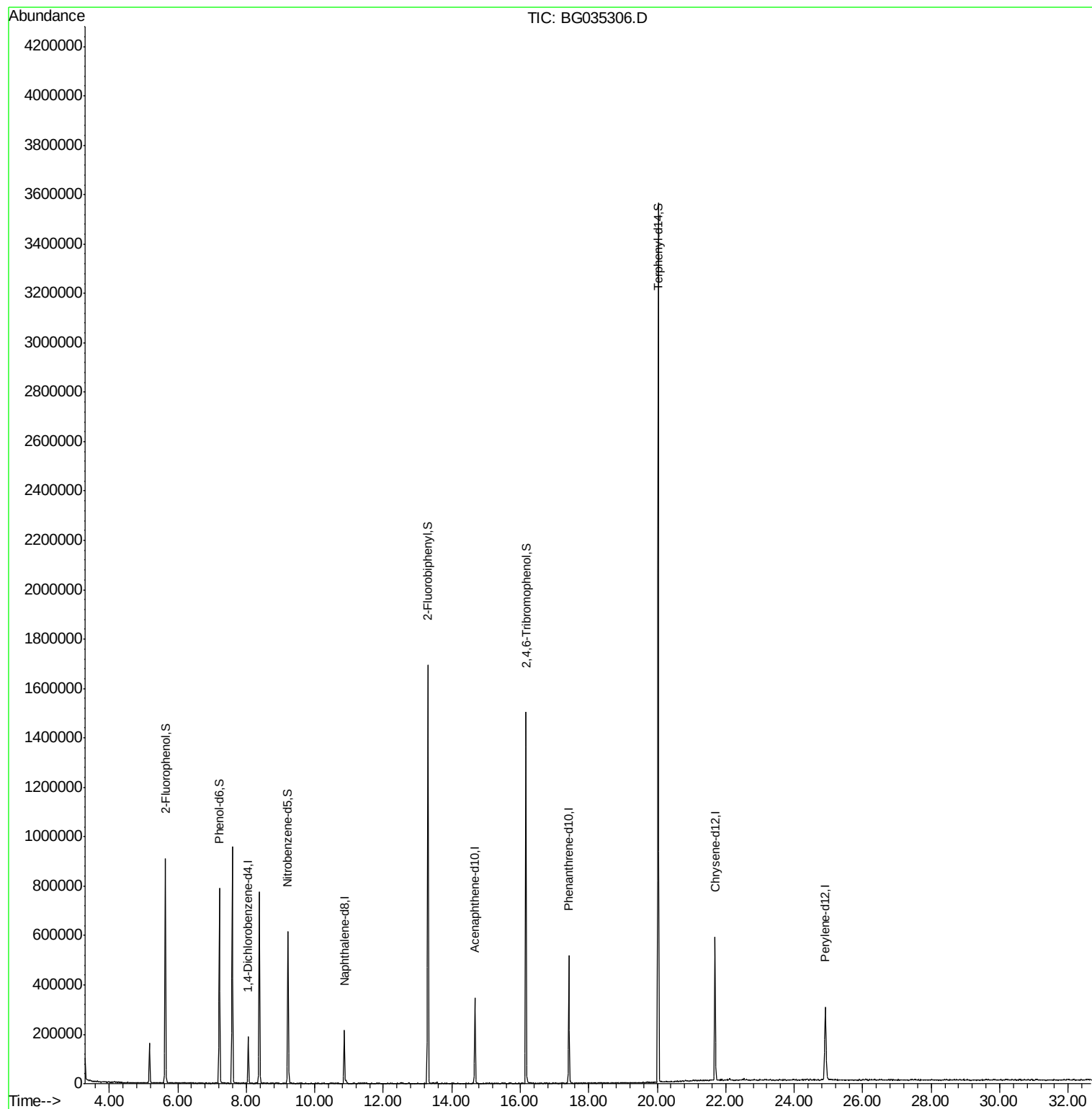
Target Compounds Qvalue

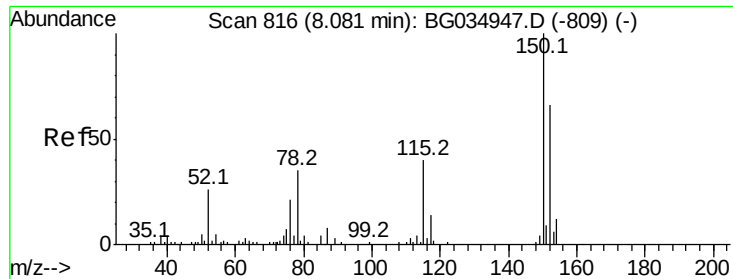
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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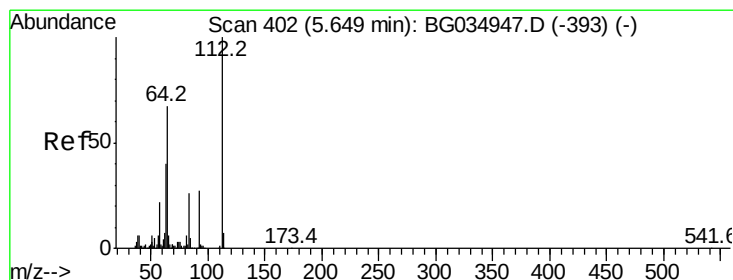
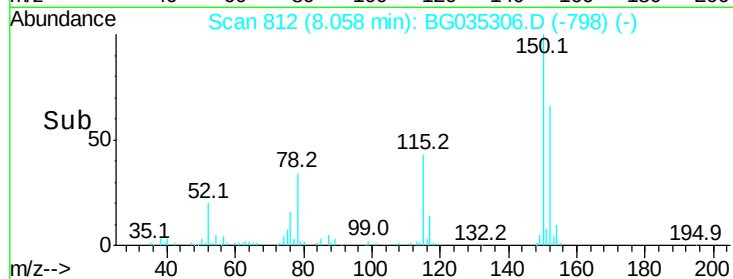
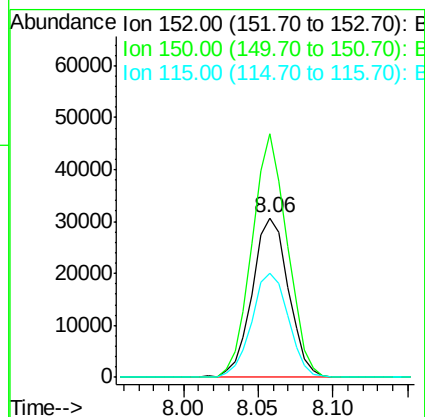
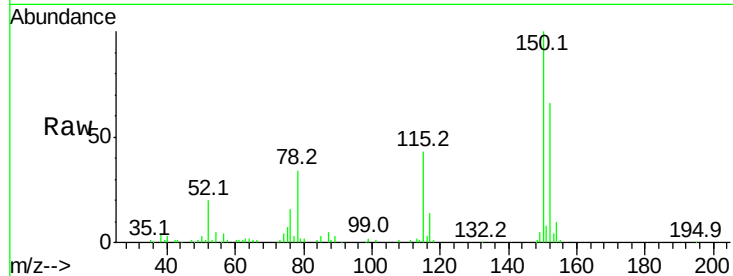


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035306.D
Acq: 21 Jun 2018 19:17

Instrument :
BNA_G
ClientSampleId :
TP-2-S

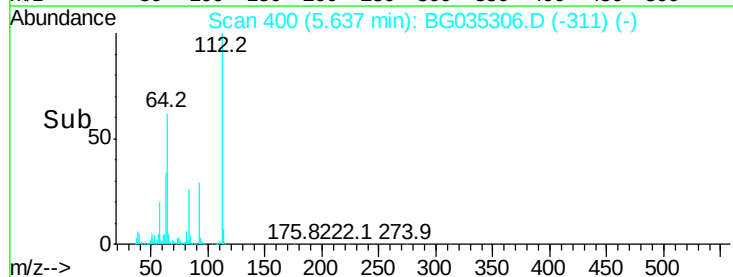
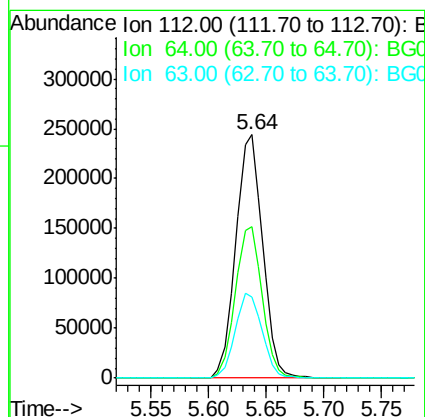
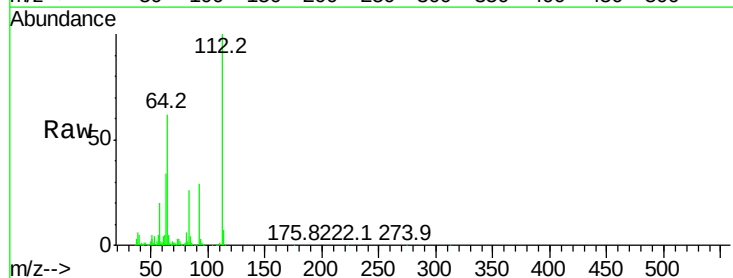
Tot Ion:152 Resp: 51597
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 65.2 53.0 79.4

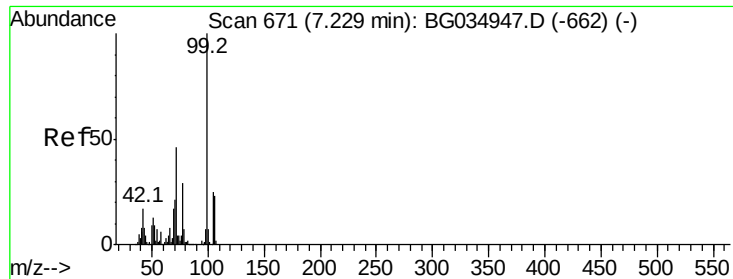


#5

2-Fluorophenol
Concen: 128.667 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035306.D
Acq: 21 Jun 2018 19:17

Tgt Ion:112 Resp: 393386
Ion Ratio Lower Upper
112 100
64 62.4 56.3 84.5
63 33.5 30.1 45.1





#7

Phenol-d6

Concen: 108.124 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035306.D

Acq: 21 Jun 2018 19:17

Instrument :

BNA_G

ClientSampleId :

TP-2-S

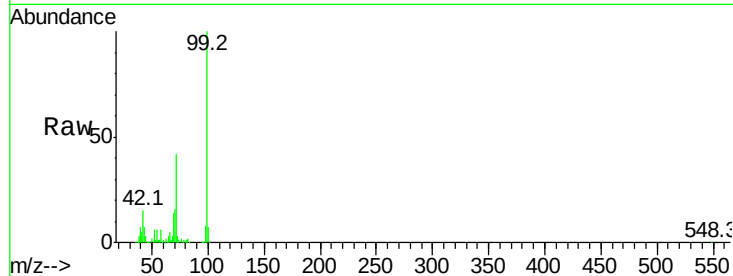
Tot Ion: 99 Resp: 487914

Ion Ratio Lower Upper

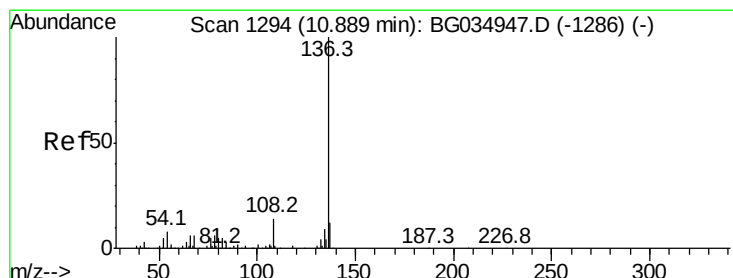
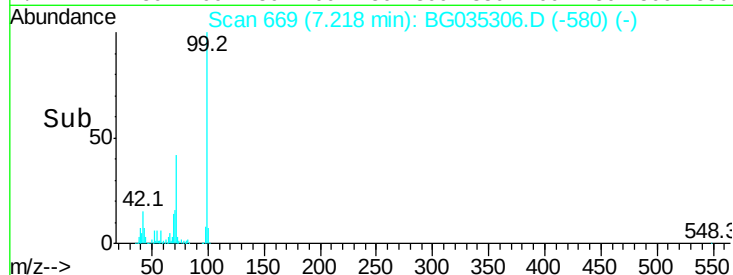
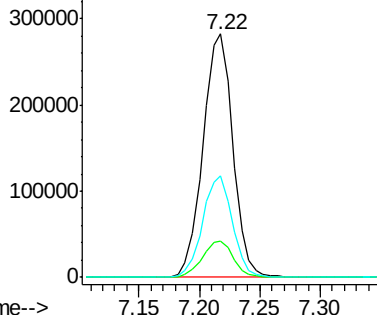
99 100

42 15.0 14.1 21.1

71 41.5 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035306.D

Acq: 21 Jun 2018 19:17

Tgt Ion: 136 Resp: 176831

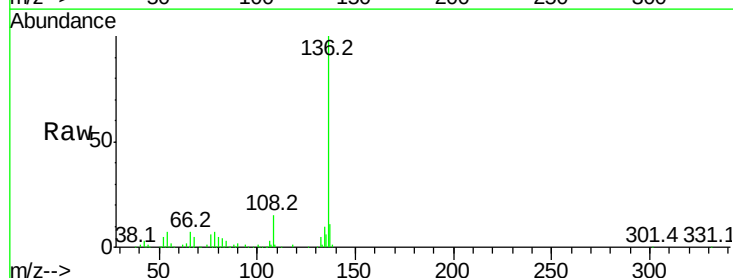
Ion Ratio Lower Upper

136 100

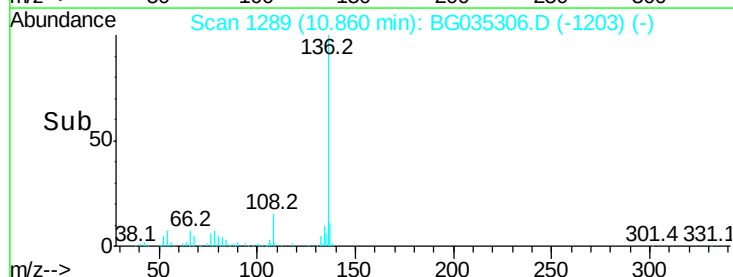
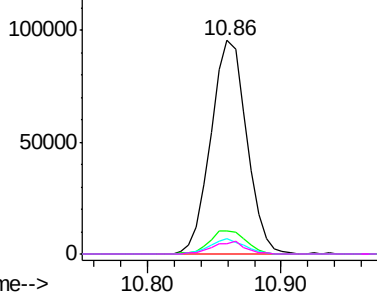
137 10.9 9.2 13.8

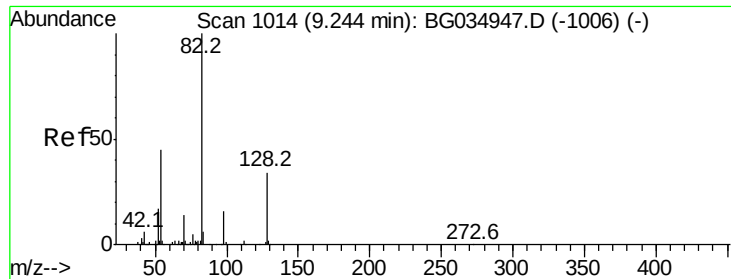
54 7.1 10.3 15.5#

68 4.9 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: 113.300 ng

RT: 9.21 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035306.D

Acq: 21 Jun 2018 19:17

Instrument :

BNA_G

ClientSampleId :

TP-2-S

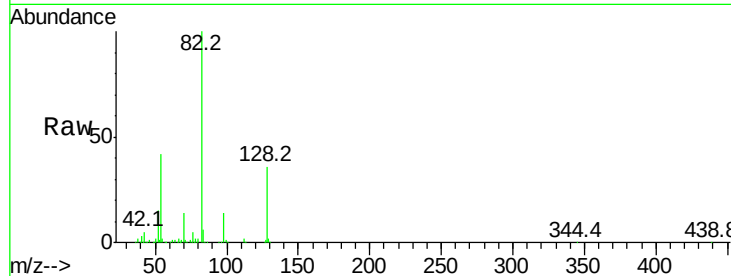
Tot Ion: 82 Resp: 421484

Ion Ratio Lower Upper

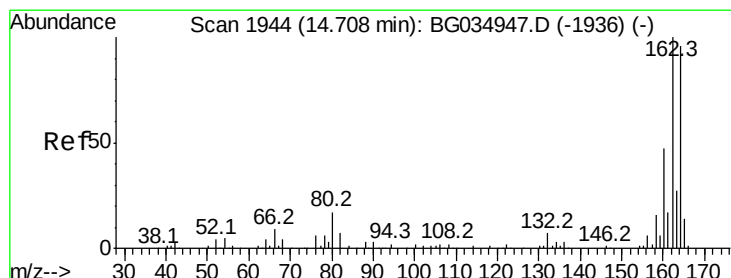
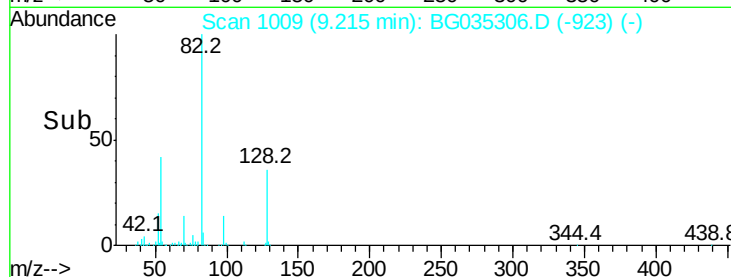
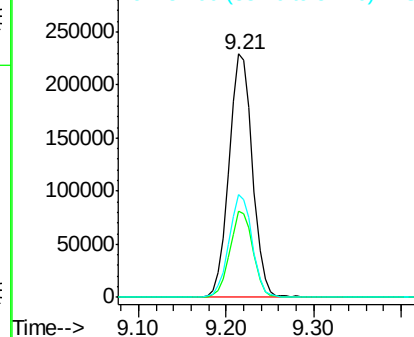
82 100

128 35.6 29.7 44.5

54 42.2 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: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035306.D

Acq: 21 Jun 2018 19:17

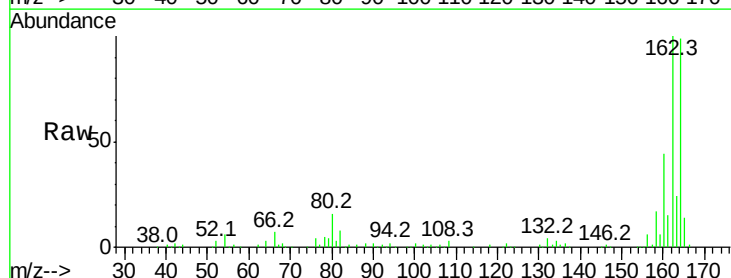
Tgt Ion:164 Resp: 122191

Ion Ratio Lower Upper

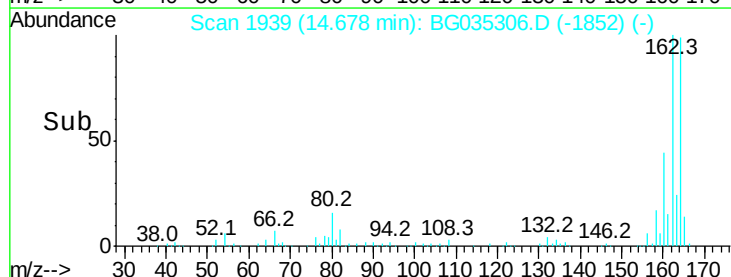
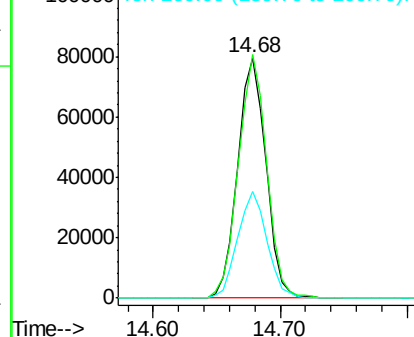
164 100

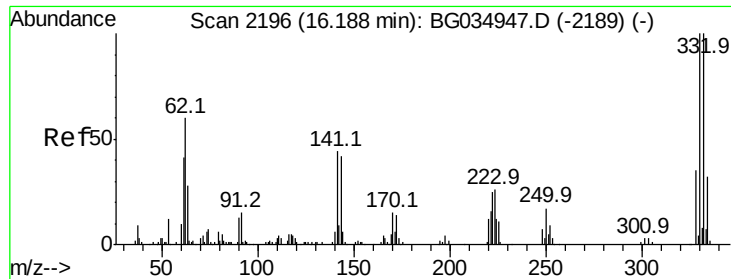
162 101.3 78.8 118.2

160 44.5 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

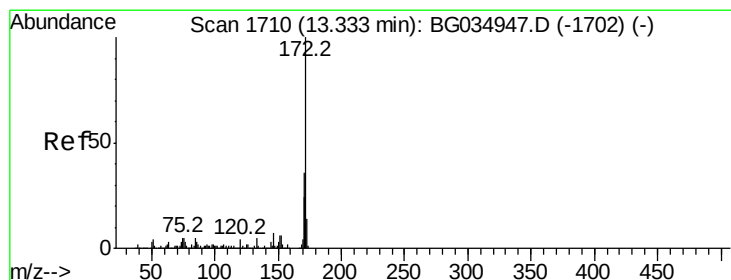
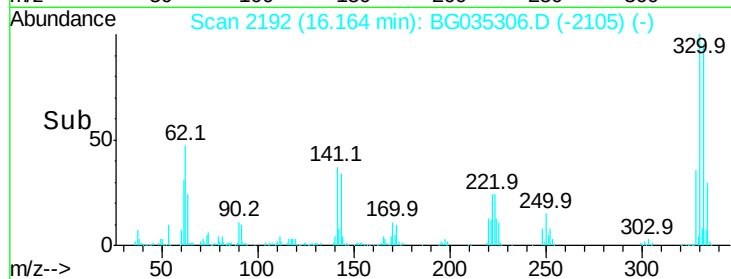
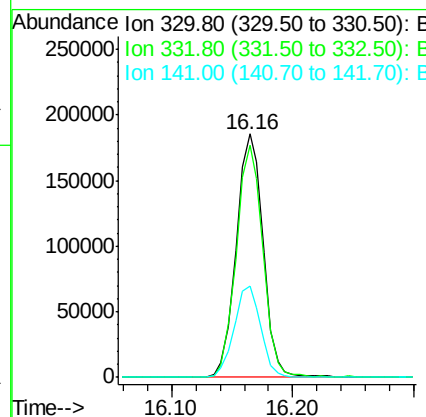
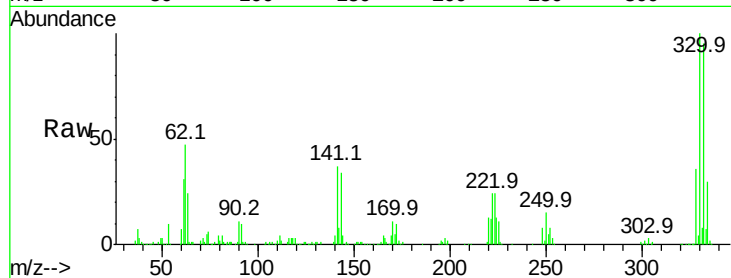




#41
 2,4,6-Tribromophenol
 Concen: 183.482 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035306.D
 Acq: 21 Jun 2018 19:17

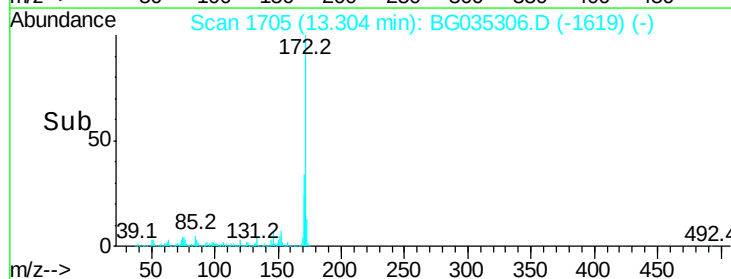
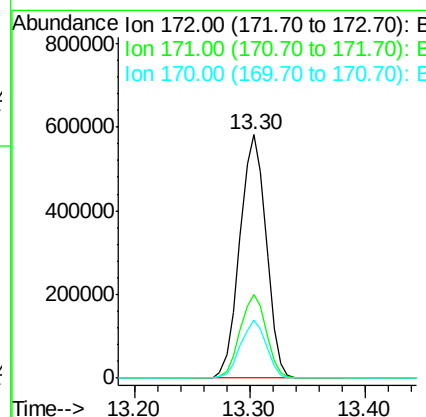
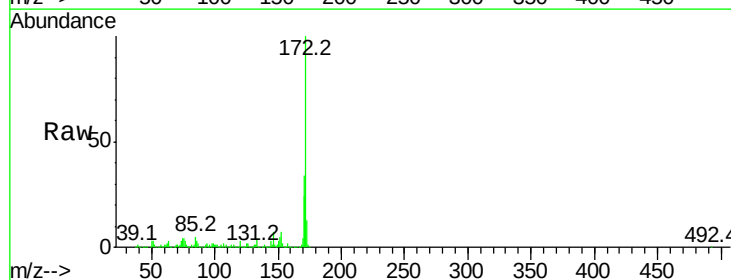
Instrument :
 BNA_G
 ClientSampled :
 TP-2-S

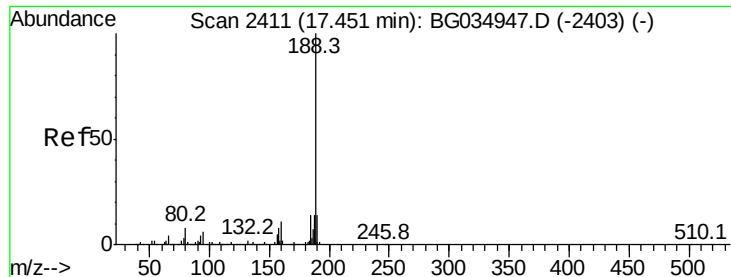
Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	94.5			77.0	115.6	
141	37.1			25.2	37.8	



#44
 2-Fluorobiphenyl
 Concen: 97.763 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035306.D
 Acq: 21 Jun 2018 19:17

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	34.4			30.0	45.0	
170	23.6			19.5	29.3	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035306.D

Acq: 21 Jun 2018 19:17

Instrument :

BNA_G

ClientSampleId :

TP-2-S

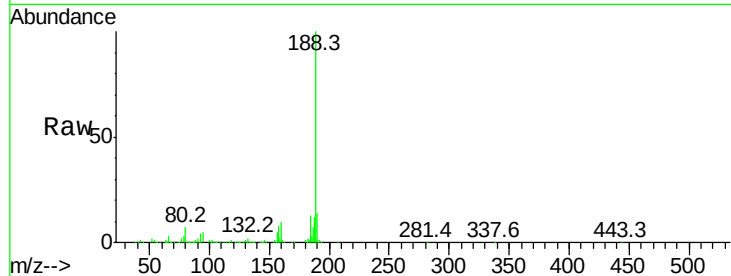
Tot Ion:188 Resp: 331124

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

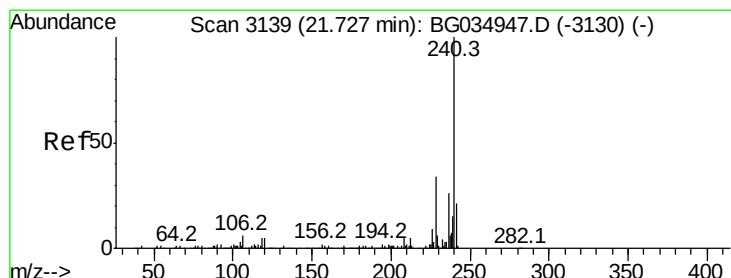
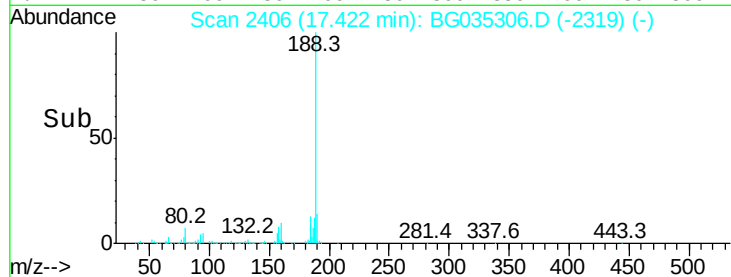
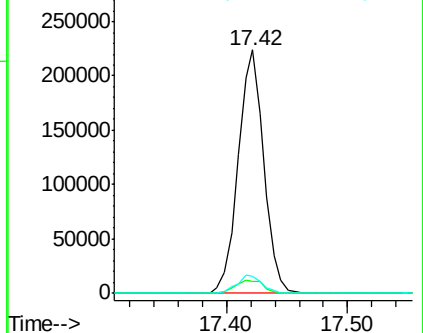
80 6.8 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035306.D

Acq: 21 Jun 2018 19:17

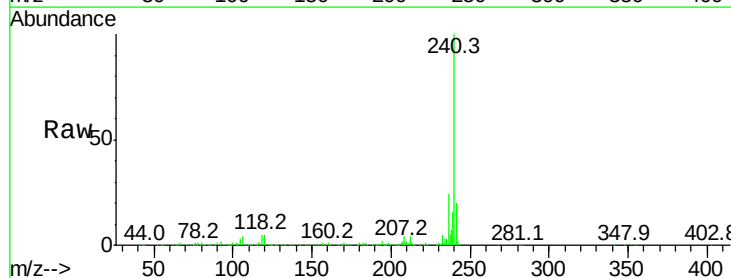
Tgt Ion:240 Resp: 373217

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

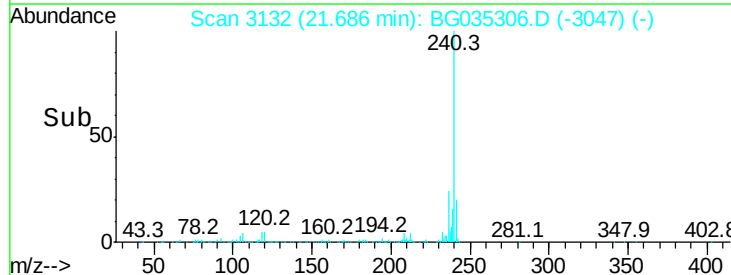
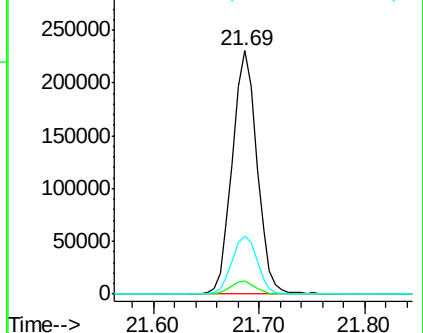
236 24.0 20.9 31.3

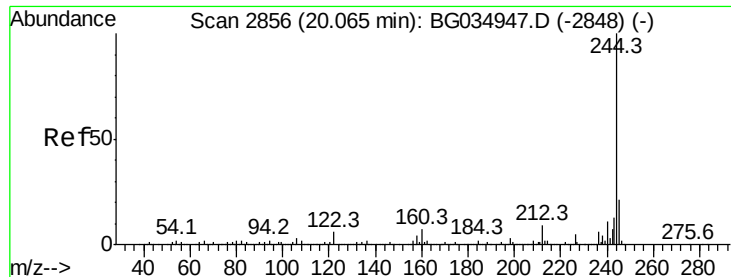


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.378 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035306.D

Acq: 21 Jun 2018 19:17

Instrument :

BNA_G

ClientSampleId :

TP-2-S

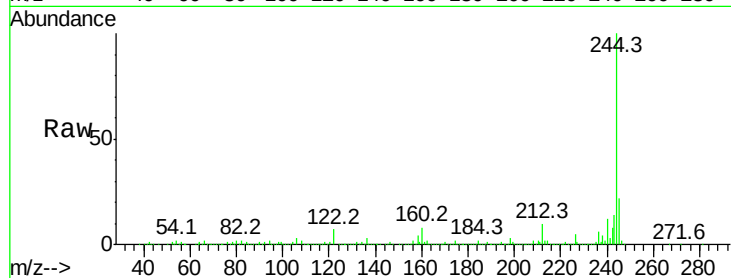
Tot Ion:244 Resp: 1735021

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

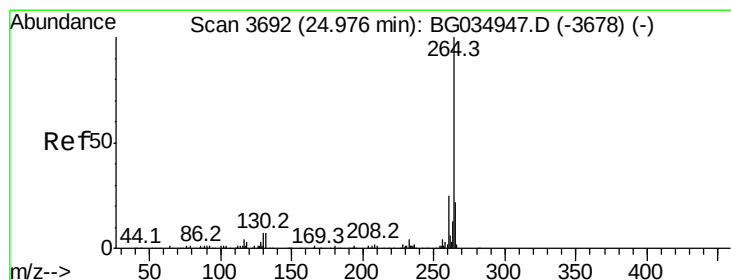
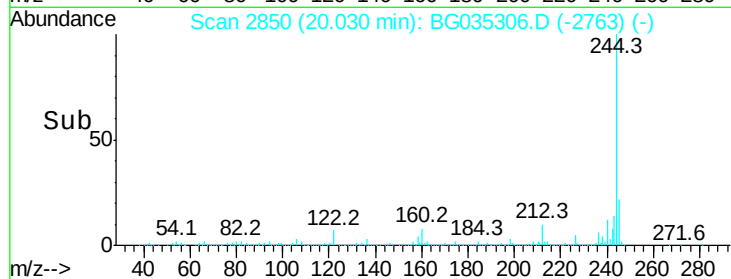
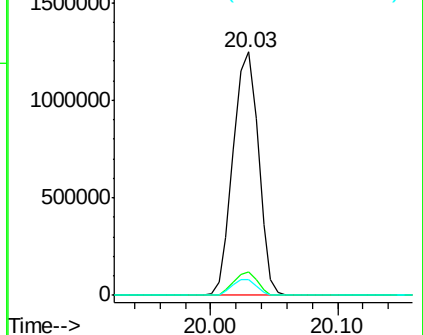
122 6.5 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035306.D

Acq: 21 Jun 2018 19:17

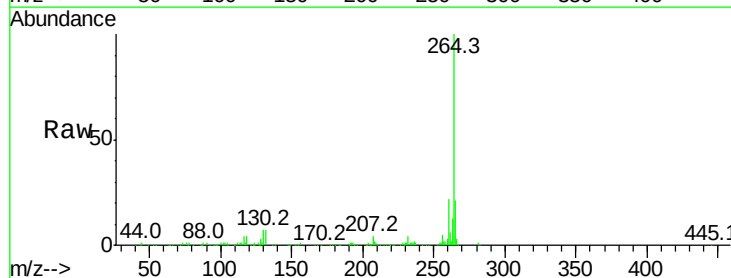
Tgt Ion:264 Resp: 348225

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 21.4 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

