

Data File : BG035276.D
Acq On : 20 Jun 2018 21:31
Operator : SJ/JU
Sample : J3498-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-G-D

Quant Time: Jun 21 05:49:27 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	57124	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	193851	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	132119	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	358151	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	393548	20.00	ng	-0.03
86) Perylene-d12	24.91	264	372557	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	431640	127.52	ng	0.00
7) Phenol-d6	7.22	99	537169	107.52	ng	0.00
23) Nitrobenzene-d5	9.22	82	453601	111.23	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	311083	183.93	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	991823	97.59	ng	-0.02
78) Terphenyl-d14	20.03	244	1797912	95.69	ng	-0.02

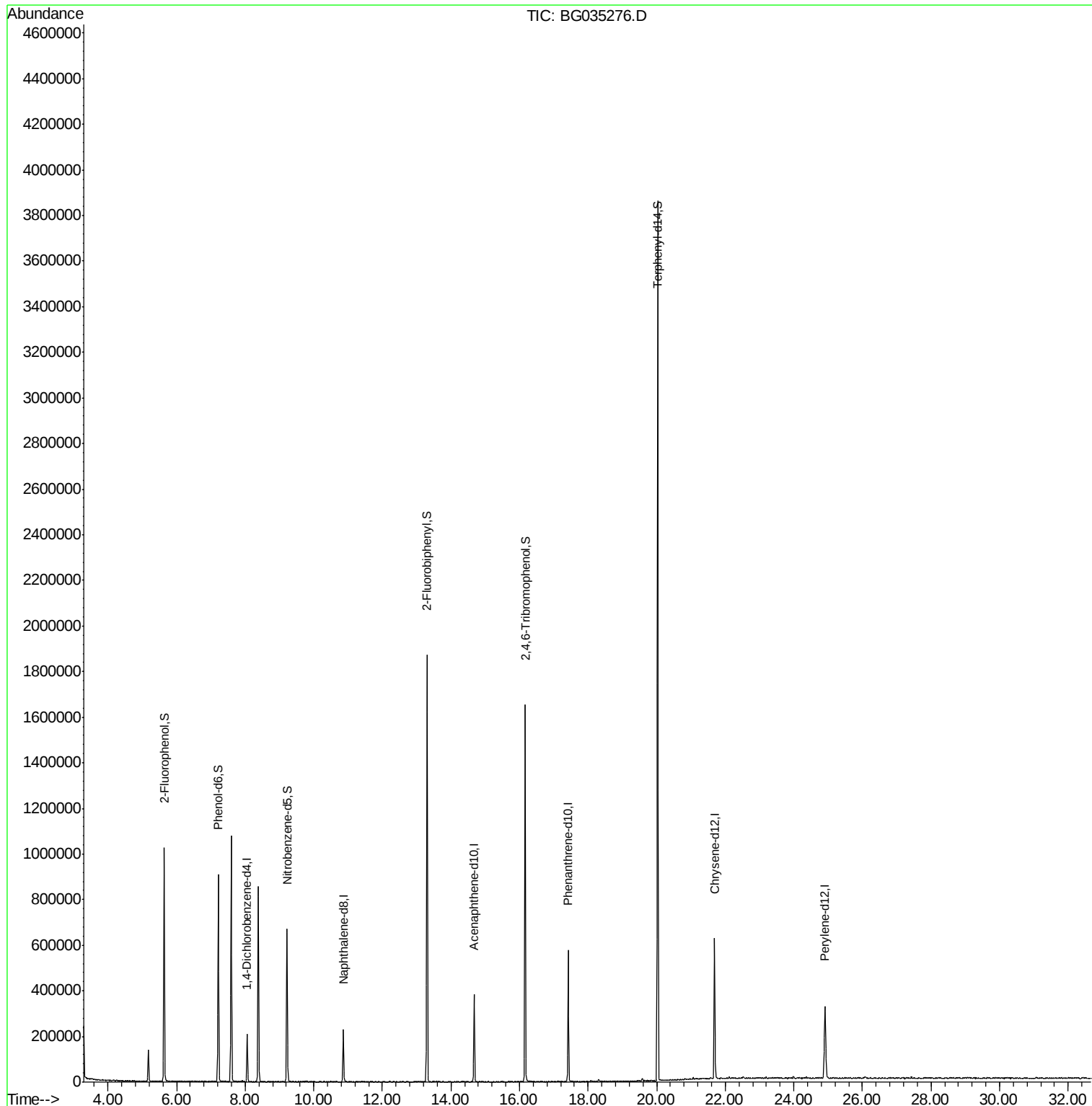
Target Compounds Qvalue

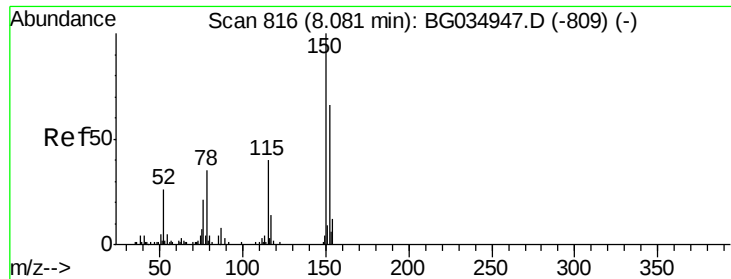
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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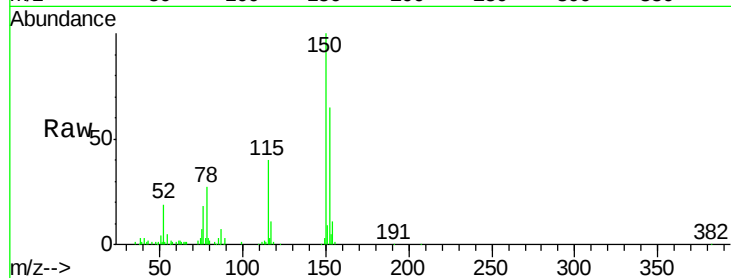


#1

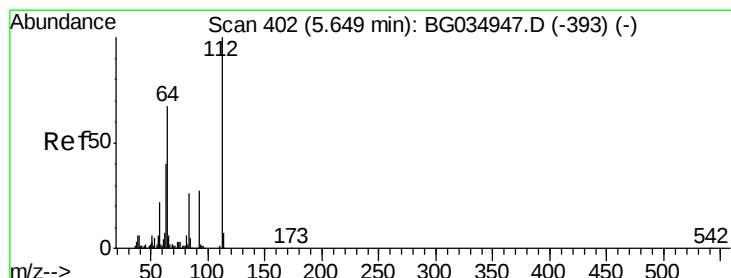
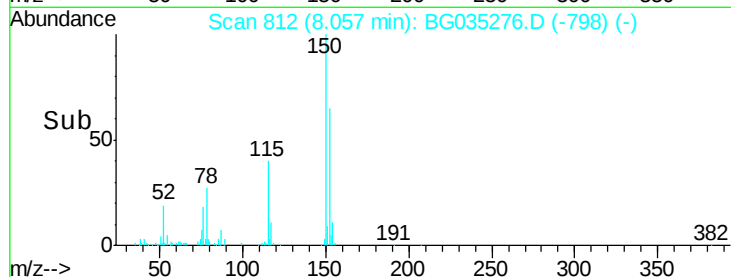
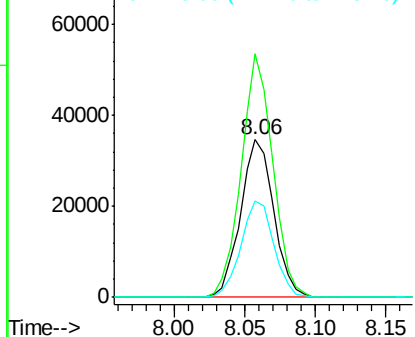
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG035276.D
 Acq: 20 Jun 2018 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-G-D

Tgt Ion:152 Resp: 57124
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.6 189.8
 115 61.6 53.0 79.4



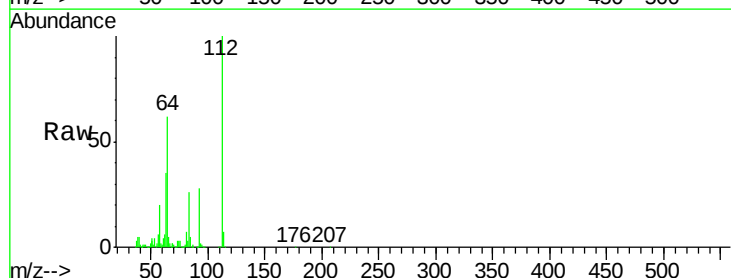
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



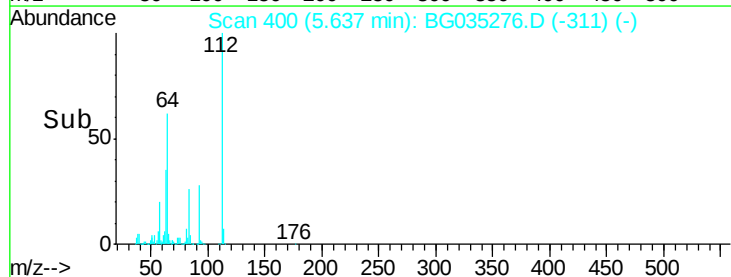
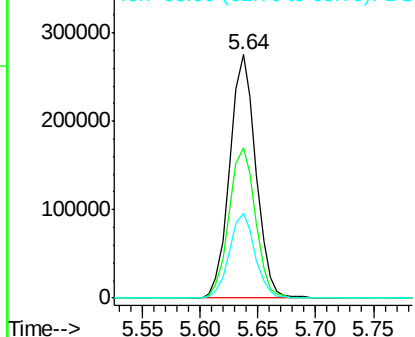
#5

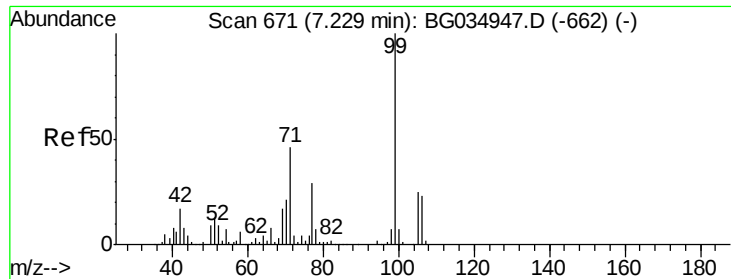
2-Fluorophenol
 Concen: 127.519 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG035276.D
 Acq: 20 Jun 2018 21:31

Tgt Ion:112 Resp: 431640
 Ion Ratio Lower Upper
 112 100
 64 61.6 56.3 84.5
 63 34.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.521 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035276.D

Acq: 20 Jun 2018 21:31

Instrument :

BNA_G

ClientSampleId :

TP-G-D

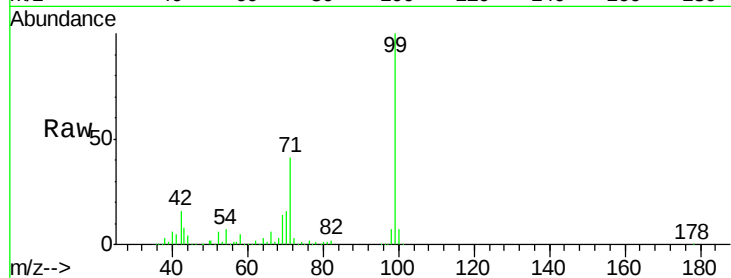
Tgt Ion: 99 Resp: 537169

Ion Ratio Lower Upper

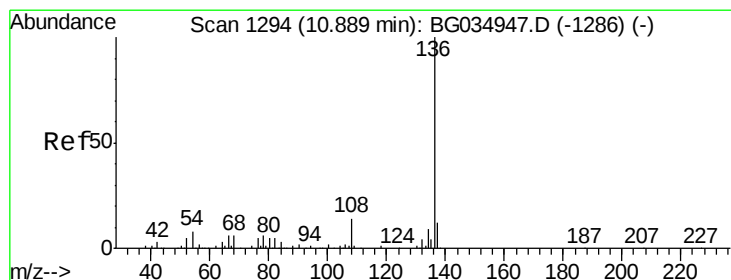
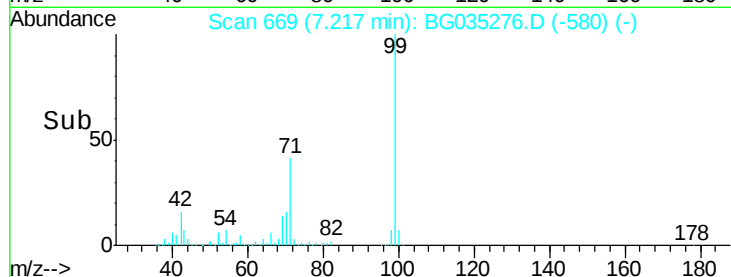
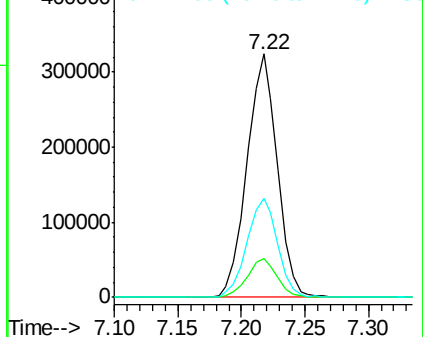
99 100

42 15.8 14.1 21.1

71 40.5 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: BG035276.D

Acq: 20 Jun 2018 21:31

Tgt Ion: 136 Resp: 193851

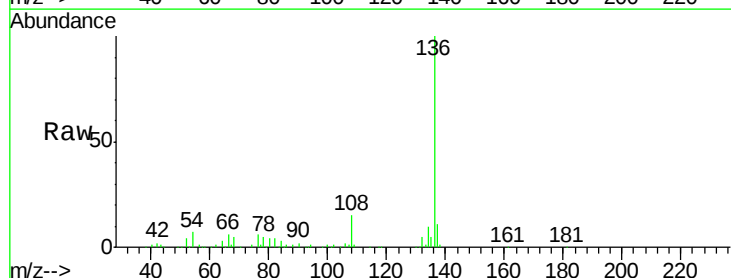
Ion Ratio Lower Upper

136 100

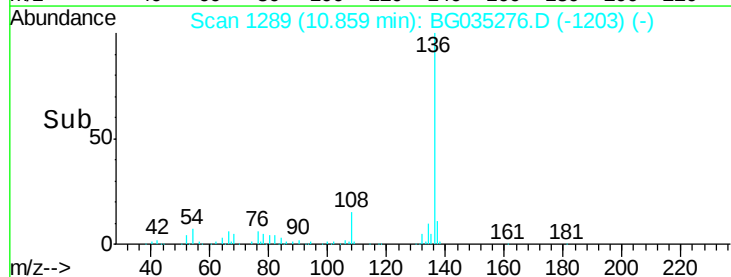
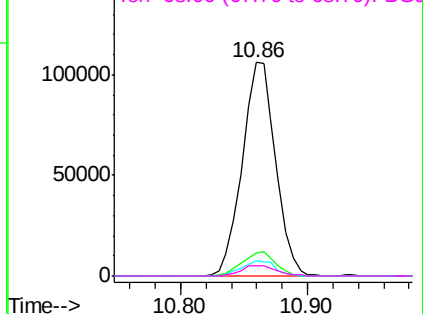
137 11.0 9.2 13.8

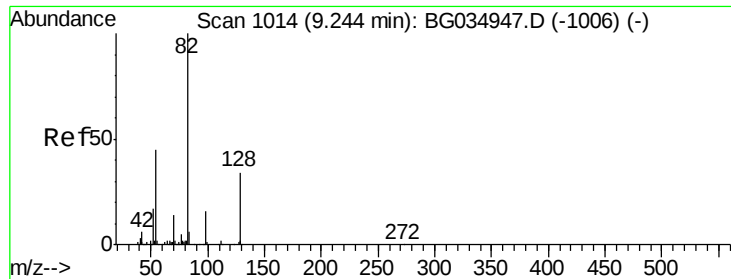
54 7.2 10.3 15.5#

68 5.0 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

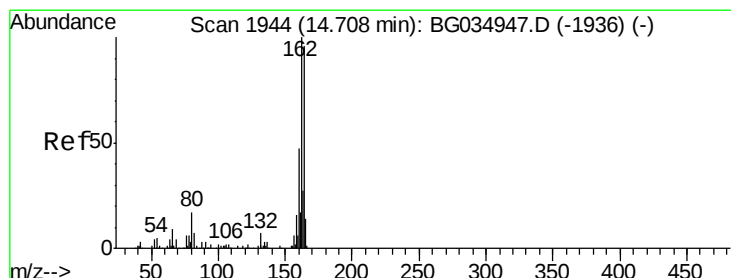
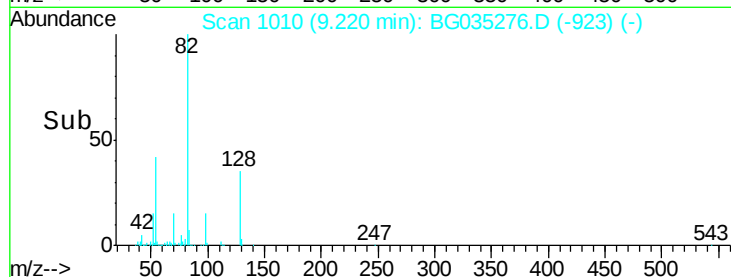
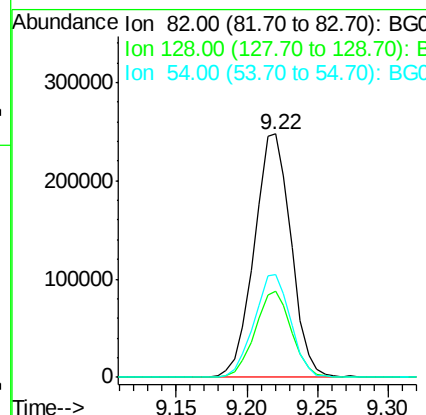
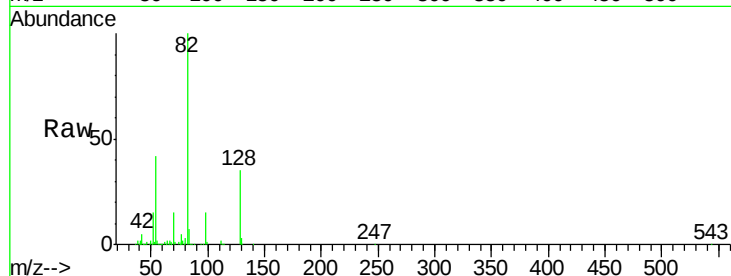




#23
 Nitrobenzene-d5
 Concen: 111.228 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035276.D
 Acq: 20 Jun 2018 21:31

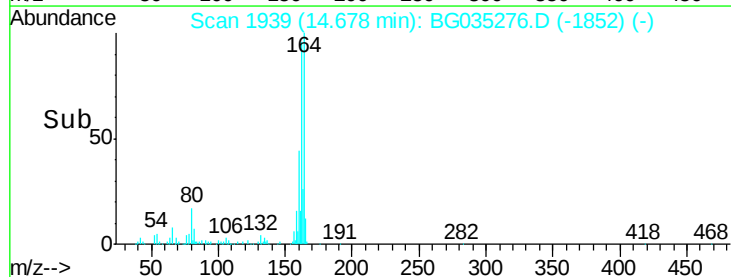
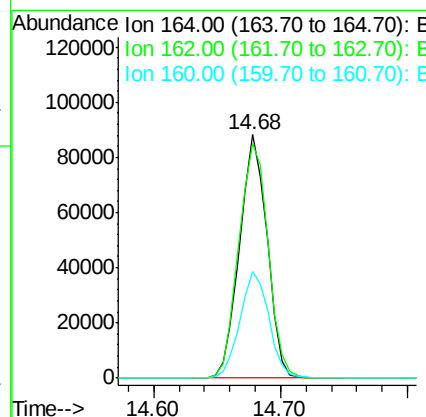
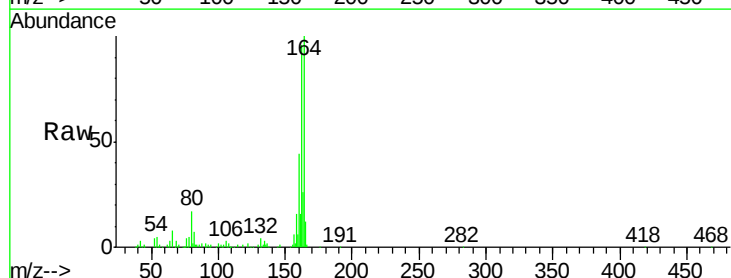
Instrument :
 BNA_G
 ClientSampleId :
 TP-G-D

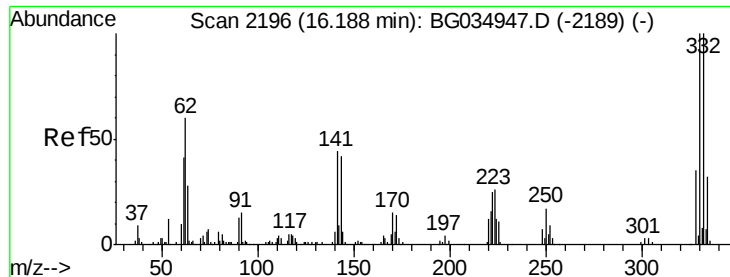
Tgt Ion: 82 Resp: 453601
 Ion Ratio Lower Upper
 82 100
 128 35.4 29.7 44.5
 54 42.4 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035276.D
 Acq: 20 Jun 2018 21:31

Tgt Ion: 164 Resp: 132119
 Ion Ratio Lower Upper
 164 100
 162 96.4 78.8 118.2
 160 43.8 35.4 53.0

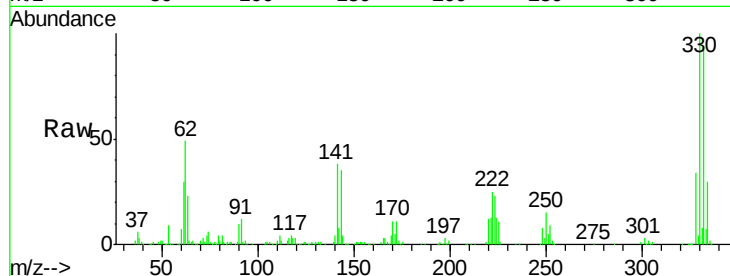




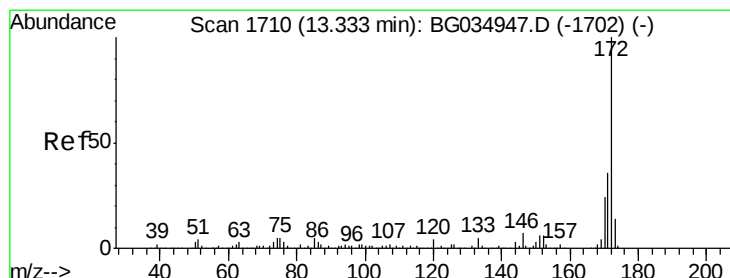
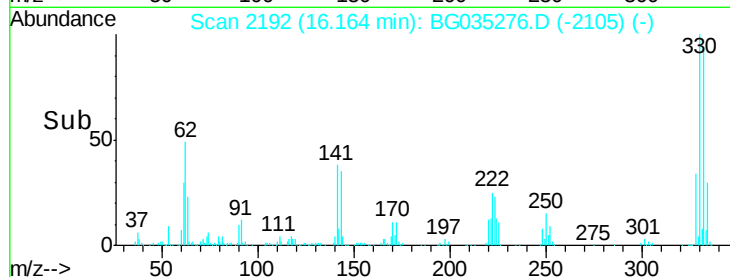
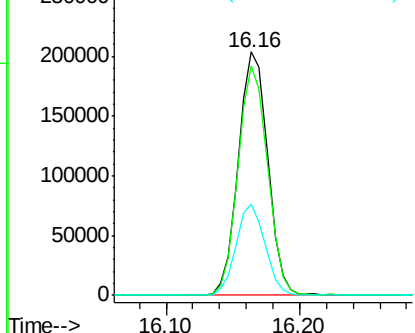
#41
 2,4,6-Tribromophenol
 Concen: 183.932 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035276.D
 Acq: 20 Jun 2018 21:31

Instrument :
 BNA_G
 ClientSampled :
 TP-G-D

Tgt Ion:330 Resp: 311083
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 37.0 25.2 37.8

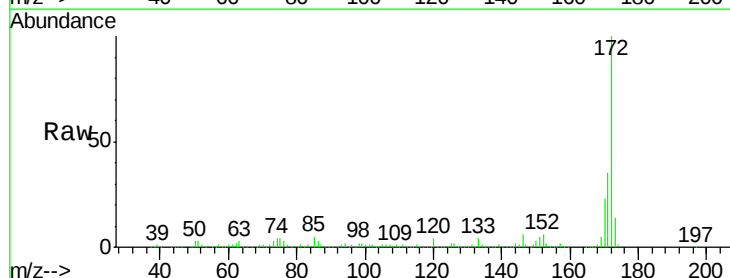


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

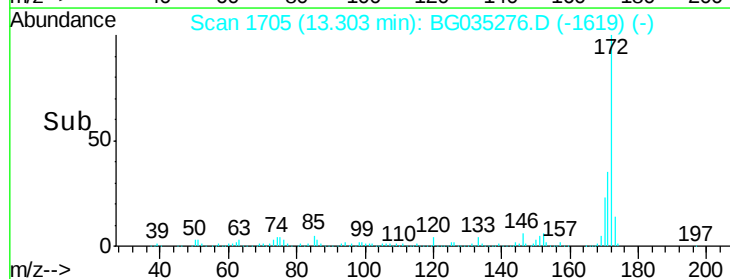
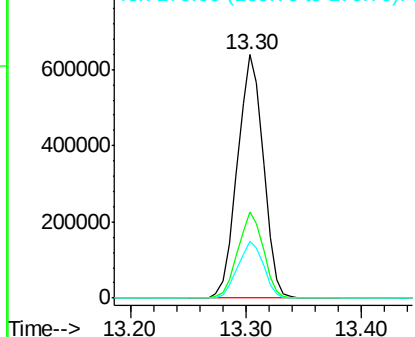


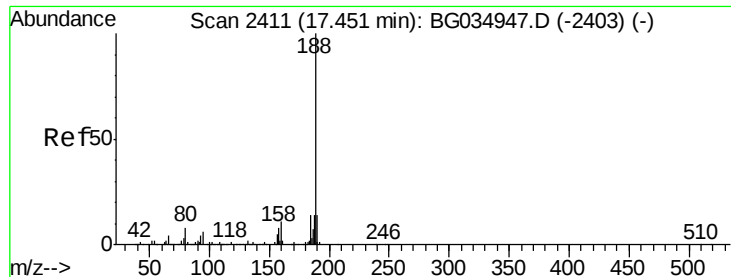
#44
 2-Fluorobiphenyl
 Concen: 97.591 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035276.D
 Acq: 20 Jun 2018 21:31

Tgt Ion:172 Resp: 991823
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 23.1 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# 2406

Delta R.T. -0.02 min

Lab File: BG035276.D

Acq: 20 Jun 2018 21:31

Instrument :

BNA_G

ClientSampleId :

TP-G-D

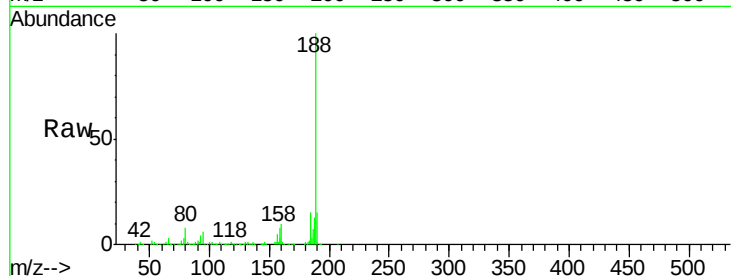
Tgt Ion:188 Resp: 358151

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

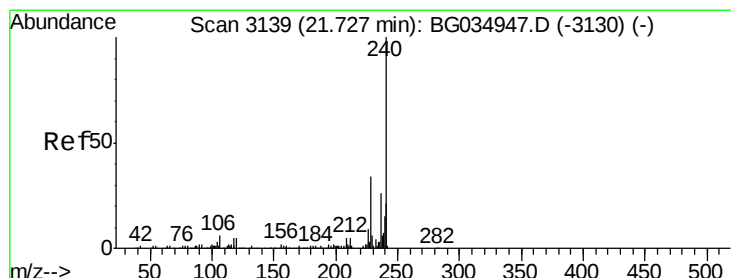
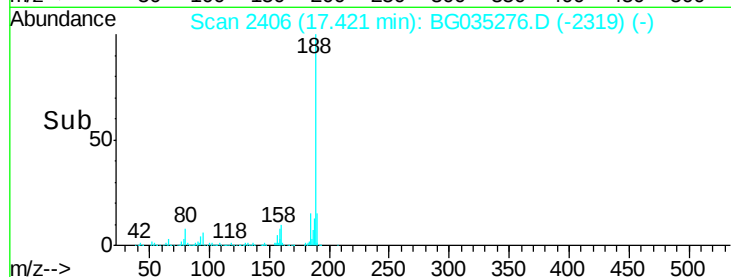
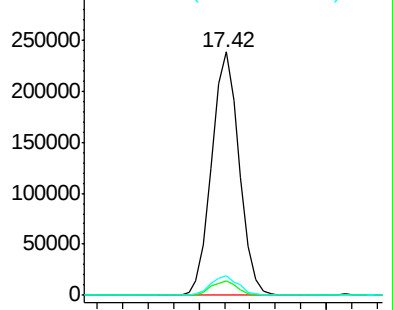
80 7.9 7.7 11.5



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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035276.D

Acq: 20 Jun 2018 21:31

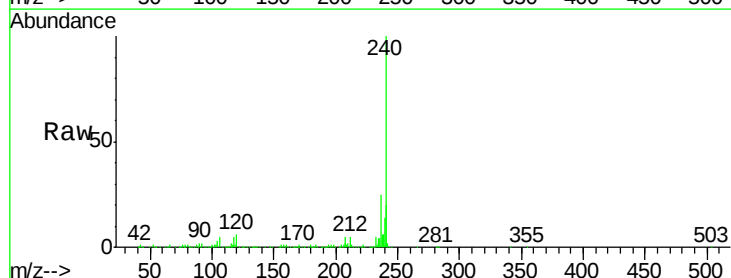
Tgt Ion:240 Resp: 393548

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

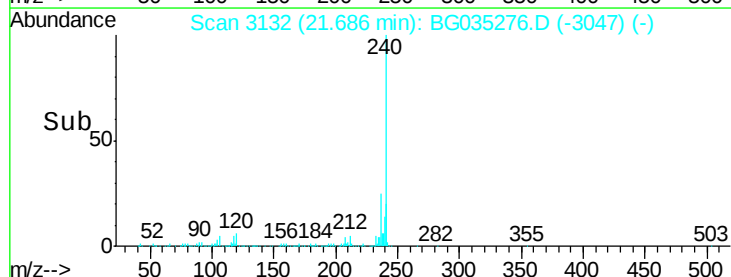
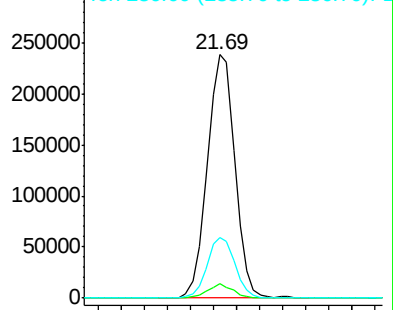
236 25.0 20.9 31.3

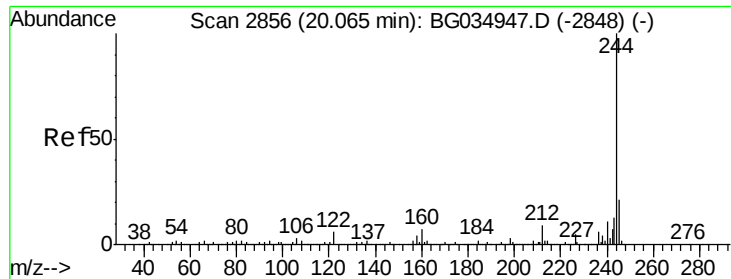


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

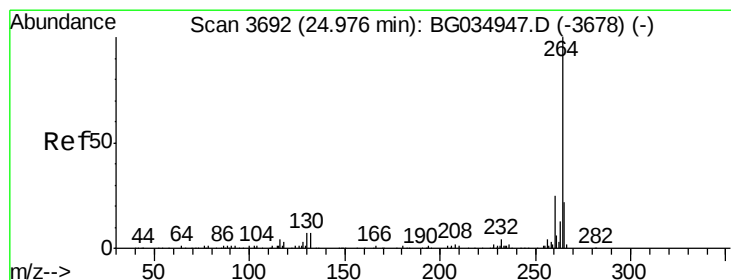
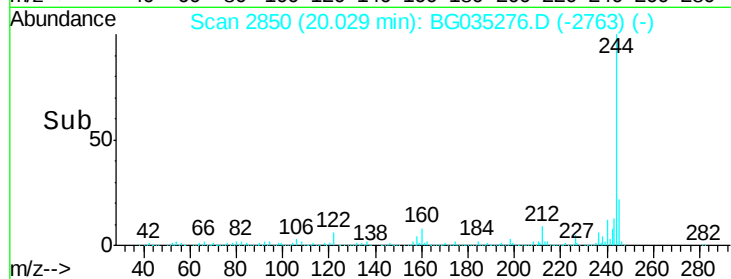
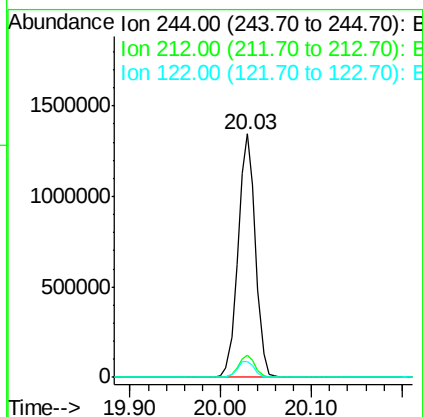
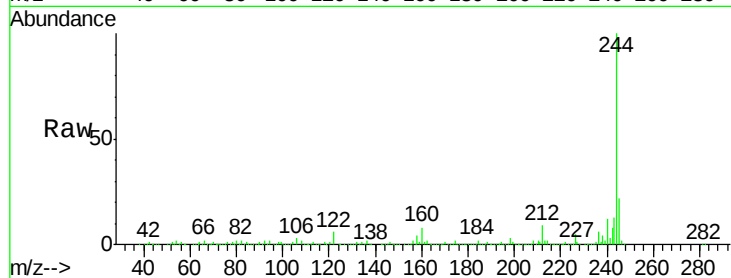




#78
 Terphenyl-d14
 Concen: 95.695 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BG035276.D
 Acq: 20 Jun 2018 21:31

Instrument :
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 ClientSampleId :
 TP-G-D

Tgt Ion:244 Resp: 1797912
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 6.3 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035276.D
 Acq: 20 Jun 2018 21:31

Tgt Ion:264 Resp: 372557
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.4 26.0
 265 19.8 17.7 26.5

