

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
 Data File : BG035922.D
 Acq On : 26 Jul 2018 23:45
 Operator : JU/SJ
 Sample : J4163-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Quant Time: Jul 27 02:30:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

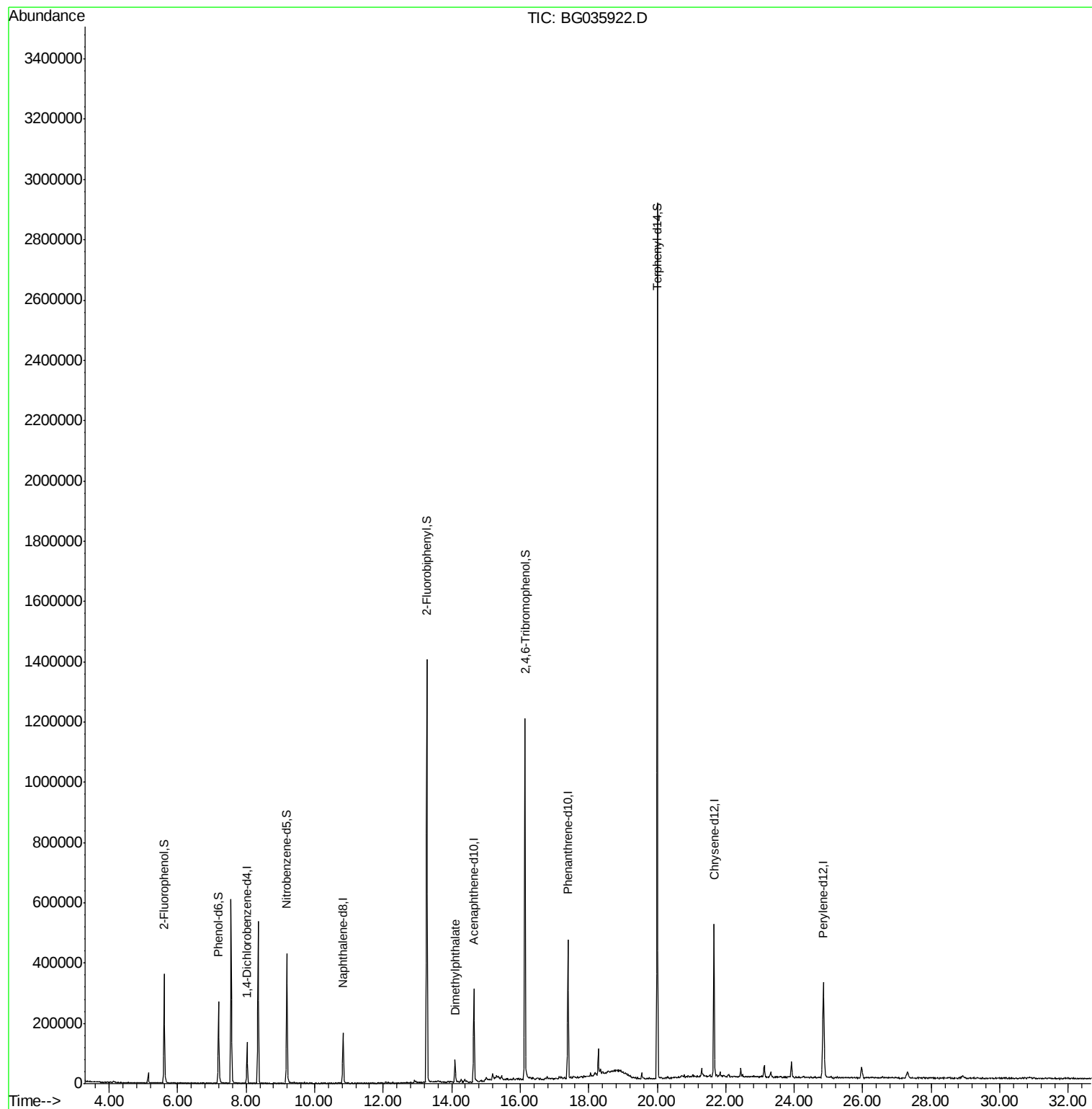
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38694	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	145525	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	108122	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	301823	20.00	ng	0.00
75) Chrysene-d12	21.65	240	328424	20.00	ng	0.00
86) Perylene-d12	24.85	264	311446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	161548	69.32	ng	0.00
7) Phenol-d6	7.19	99	173125	49.79	ng	0.00
23) Nitrobenzene-d5	9.19	82	311638	89.46	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	225937	158.54	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	760452	94.23	ng	0.00
78) Terphenyl-d14	20.00	244	1383487	92.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.09	163	54610	5.765	ng	Qvalue # 96

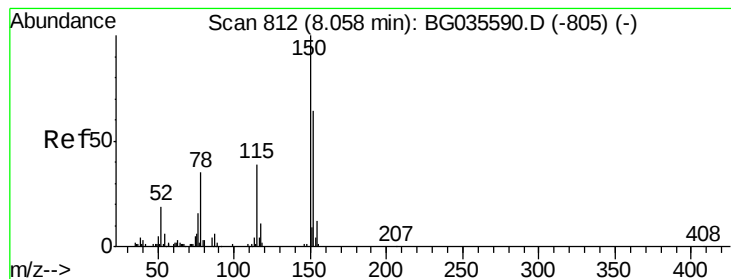
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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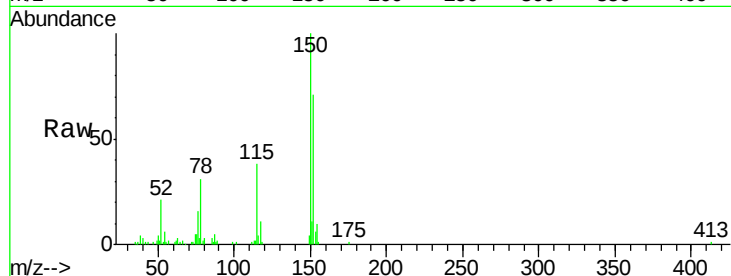


#1

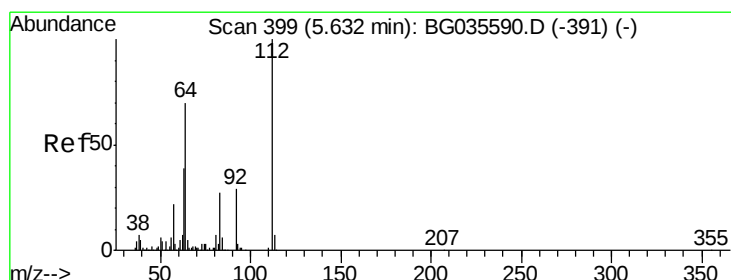
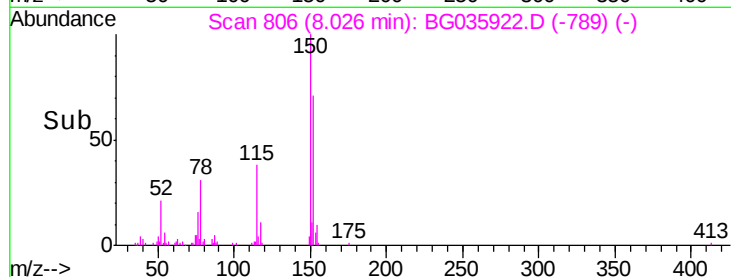
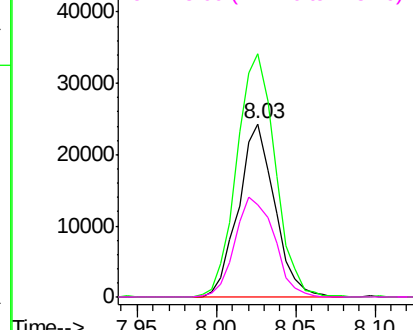
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 38694
Ion Ratio Lower Upper
152 100
150 140.2 126.6 189.8
115 53.6 53.0 79.4



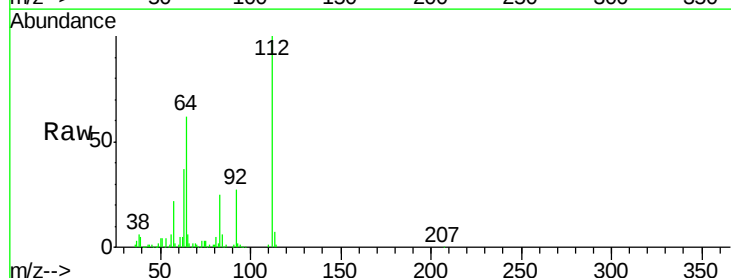
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



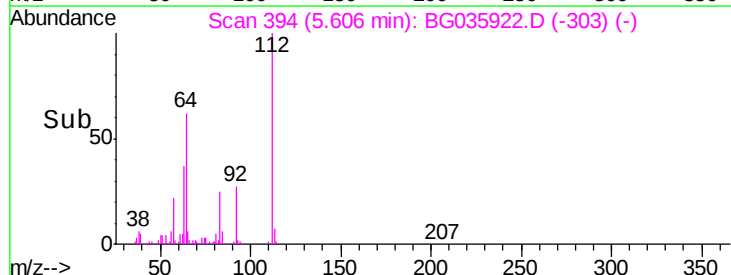
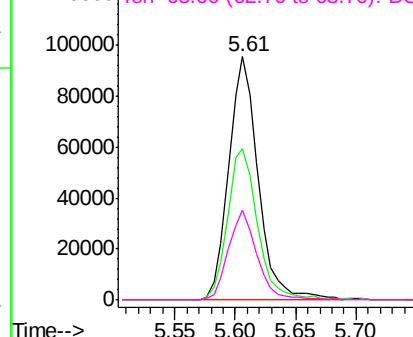
#5

2-Fluorophenol
Concen: 69.315 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

Tgt Ion:112 Resp: 161548
Ion Ratio Lower Upper
112 100
64 62.3 56.3 84.5
63 36.7 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: 49.787 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

Instrument :

BNA_G

ClientSampleId :

MW-16

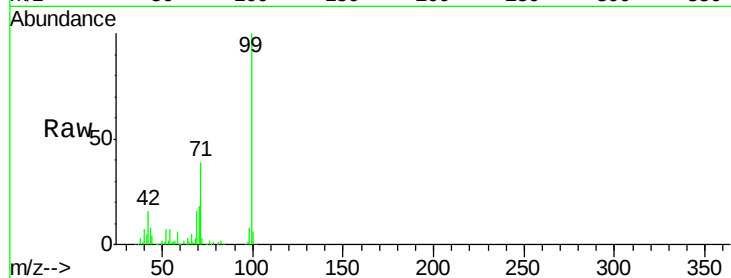
Tgt Ion: 99 Resp: 173125

Ion Ratio Lower Upper

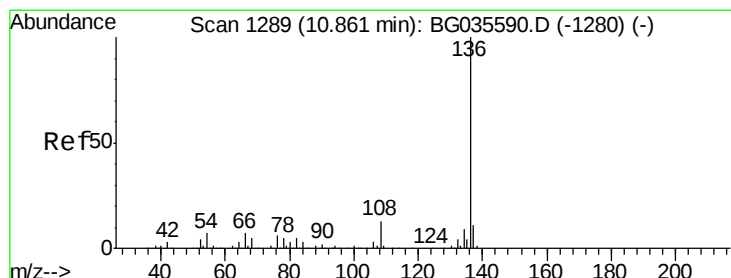
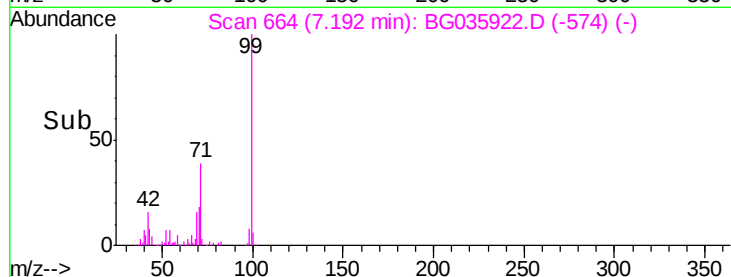
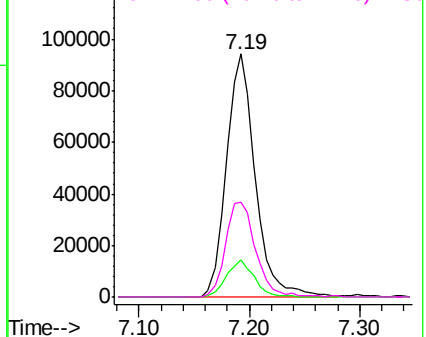
99 100

42 15.6 14.1 21.1

71 38.9 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: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

Tgt Ion: 136 Resp: 145525

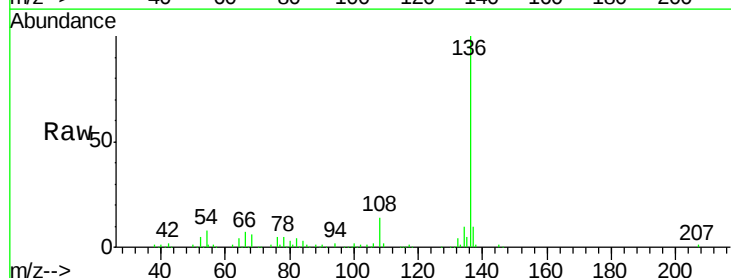
Ion Ratio Lower Upper

136 100

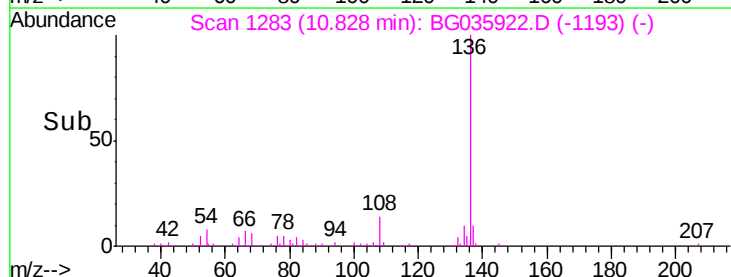
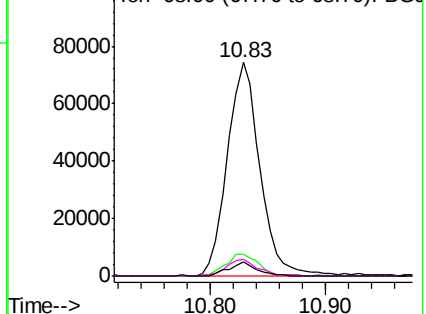
137 9.9 9.2 13.8

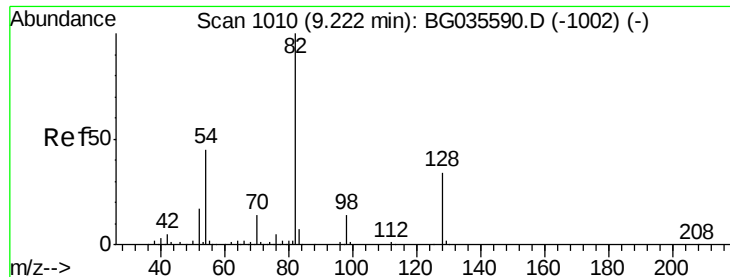
54 8.1 10.3 15.5#

68 6.3 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

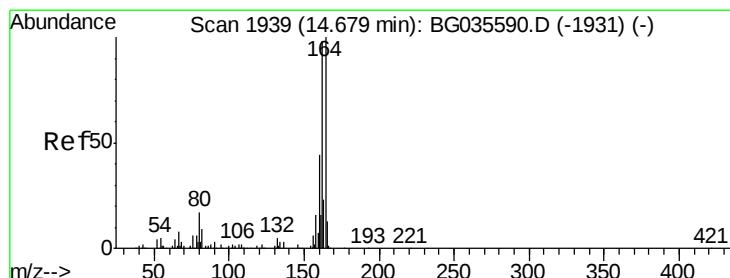
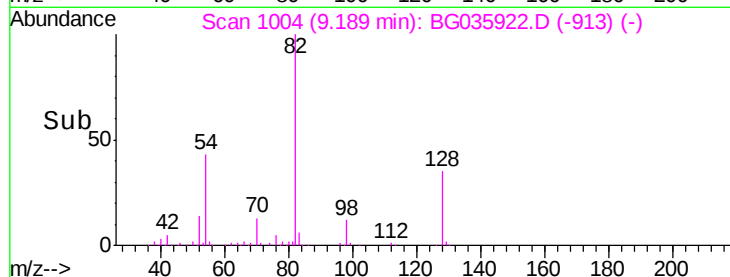
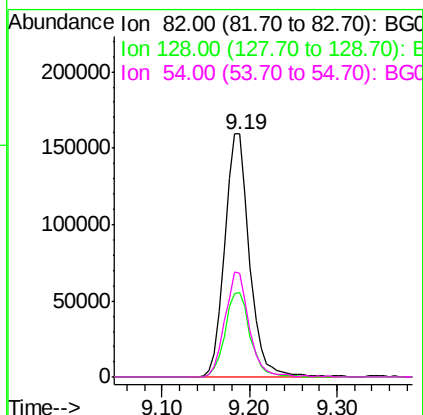
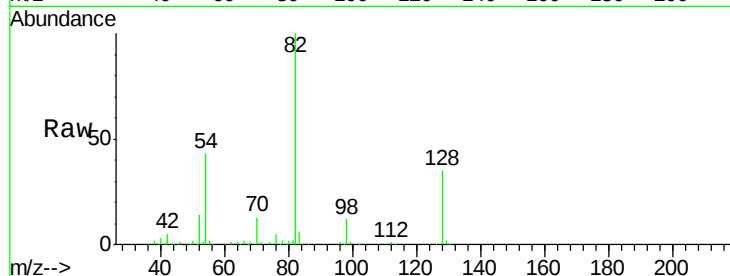




#23
 Nitrobenzene-d5
 Concen: 89.459 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG035922.D
 Acq: 26 Jul 2018 23:45

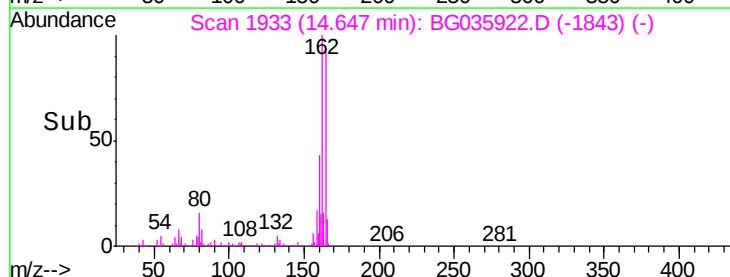
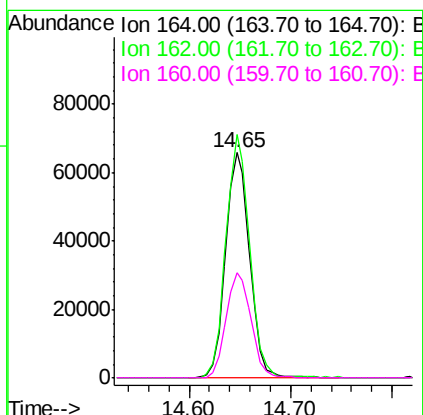
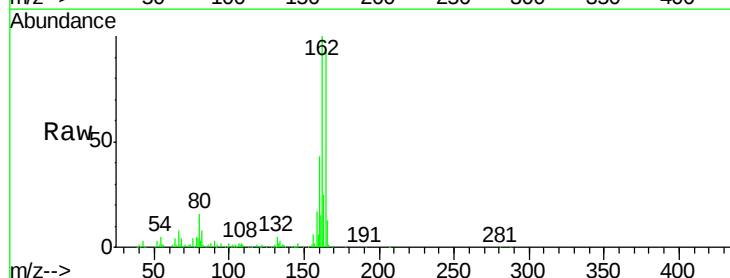
Instrument :
 BNA_G
 ClientSampleId :
 MW-16

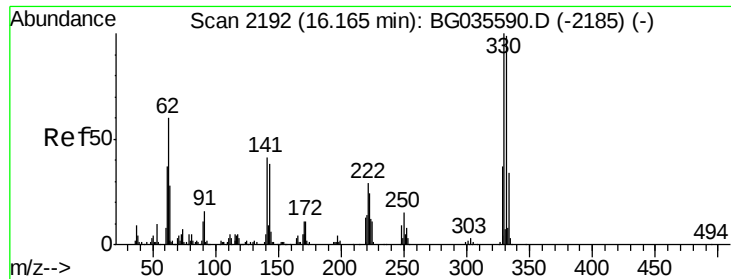
Tgt Ion: 82 Resp: 311638
 Ion Ratio Lower Upper
 82 100
 128 34.9 29.7 44.5
 54 42.6 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG035922.D
 Acq: 26 Jul 2018 23:45

Tgt Ion: 164 Resp: 108122
 Ion Ratio Lower Upper
 164 100
 162 108.2 78.8 118.2
 160 47.0 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 158.539 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

Instrument :

BNA_G

ClientSampleId :

MW-16

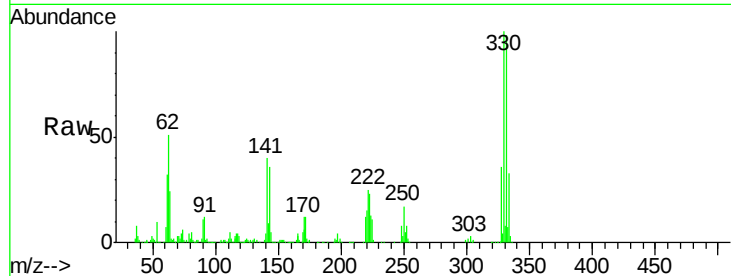
Tgt Ion:330 Resp: 225937

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

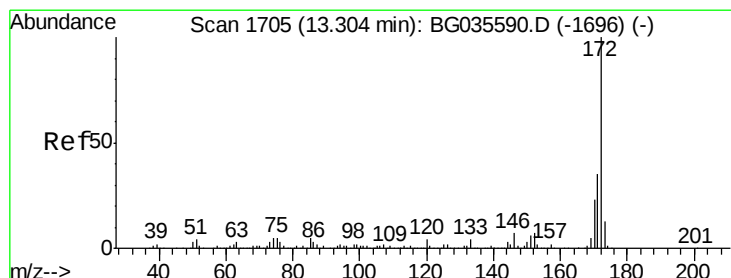
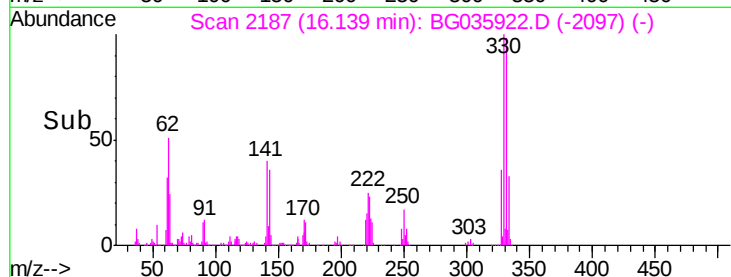
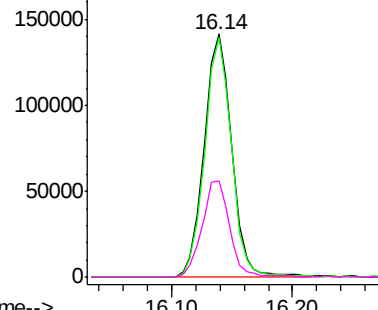
141 39.9 25.2 37.8#



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: 94.228 ng

RT: 13.27 min Scan# 1699

Delta R.T. -0.00 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

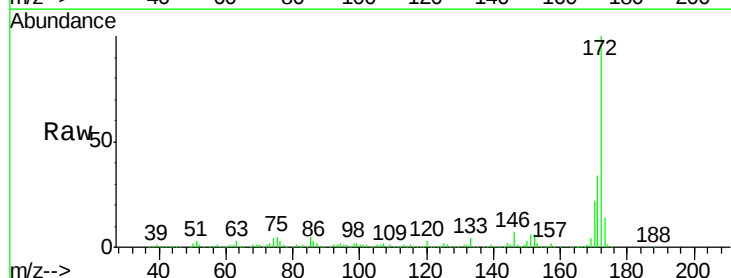
Tgt Ion:172 Resp: 760452

Ion Ratio Lower Upper

172 100

171 34.3 30.0 45.0

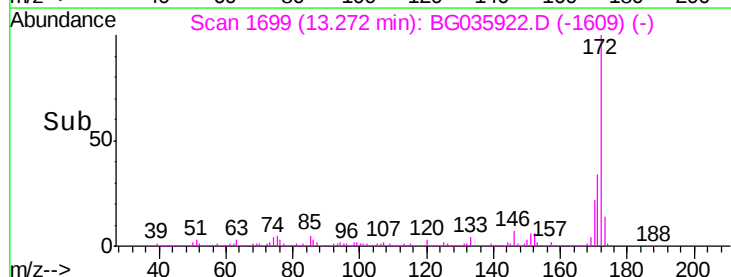
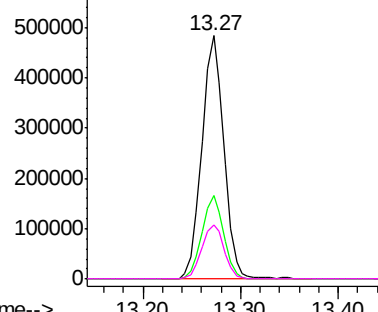
170 22.4 19.5 29.3

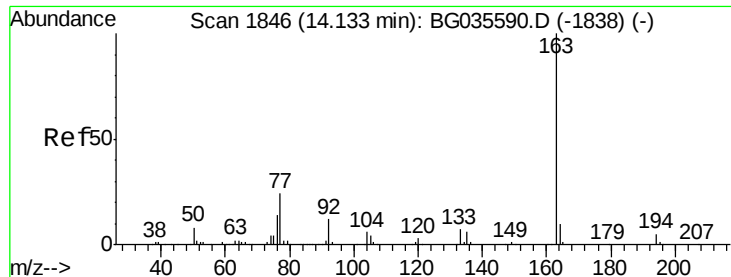


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.765 ng

RT: 14.09 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

Instrument :

BNA_G

ClientSampleId :

MW-16

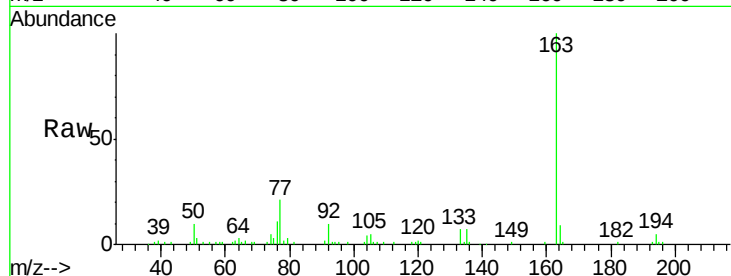
Tgt Ion:163 Resp: 54610

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

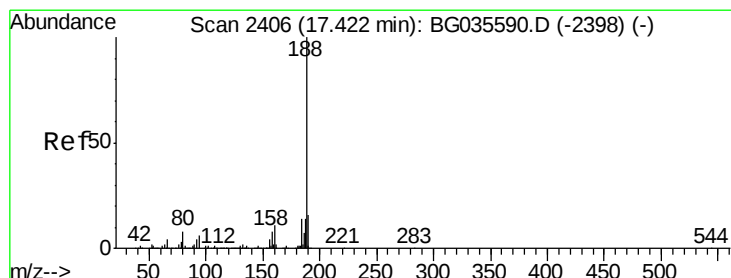
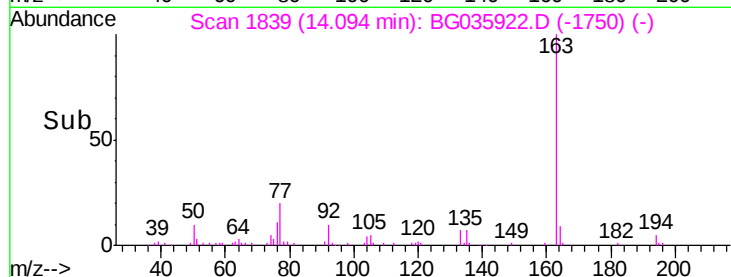
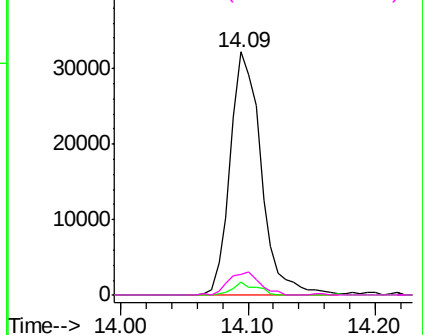
164 8.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

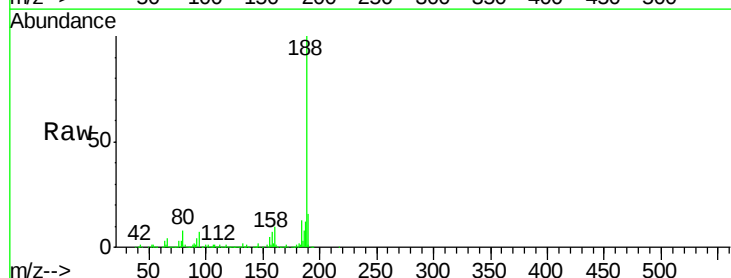
Tgt Ion:188 Resp: 301823

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

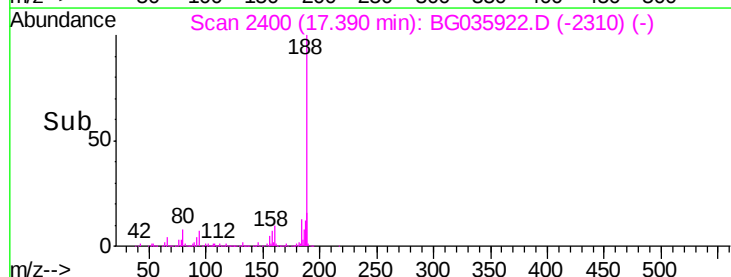
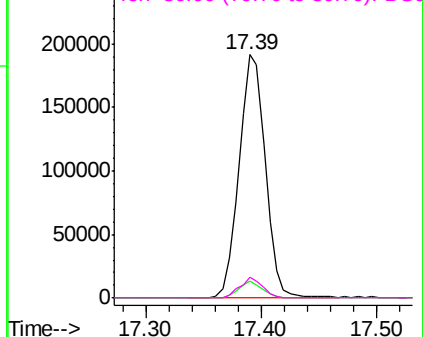
80 8.4 7.7 11.5

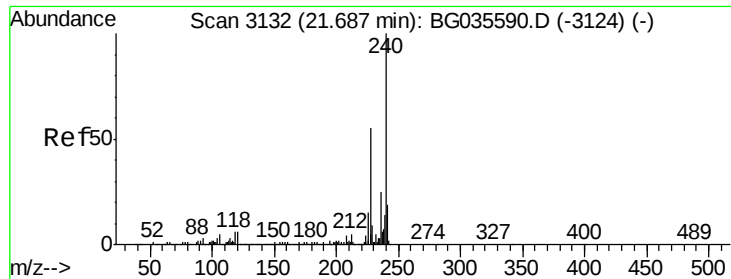


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

Instrument :

BNA_G

ClientSampleId :

MW-16

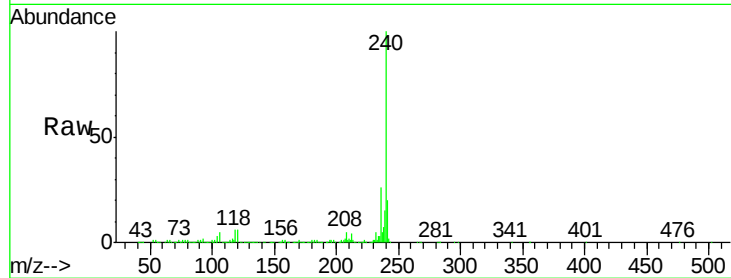
Tgt Ion:240 Resp: 328424

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

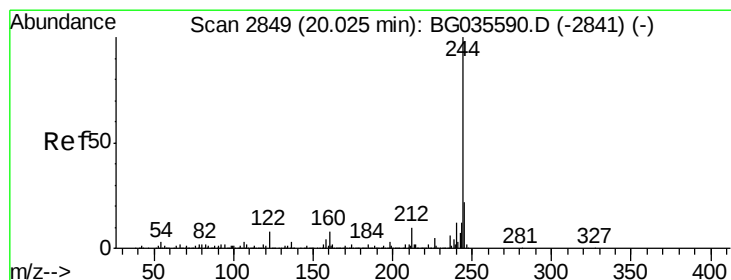
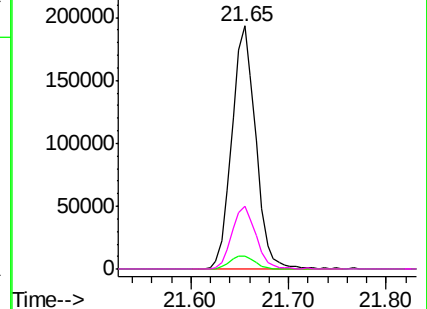
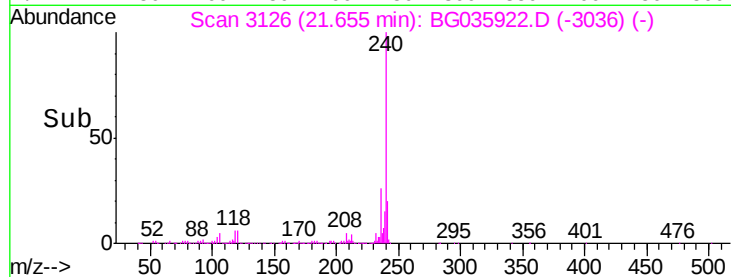
236 26.1 20.9 31.3



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: 92.856 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

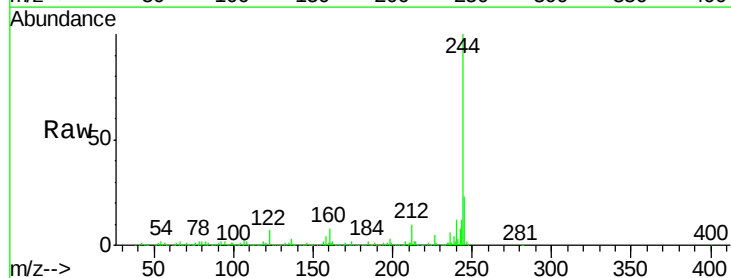
Tgt Ion:244 Resp: 1383487

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

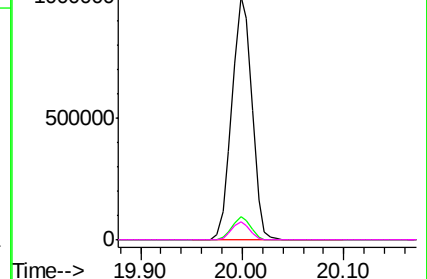
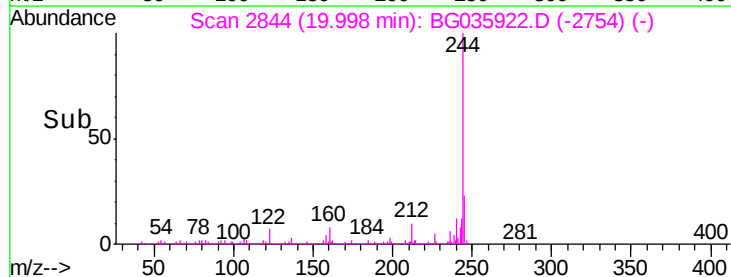
122 7.5 7.0 10.4

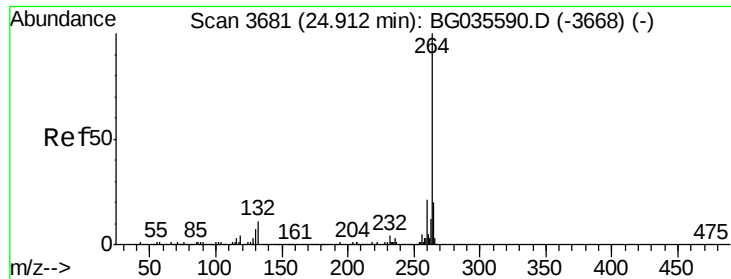


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.0	17.7	26.5

