

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031341.D
 Acq On : 2 Dec 2017 6:22
 Operator : SJ/JU
 Sample : I6639-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-SP

Quant Time: Dec 03 22:45:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	65548	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	278784	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	183788	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	504177	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	583790	20.00	ng	-0.02
86) Perylene-d12	25.06	264	567445	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	494802	129.44	ng	-0.02
7) Phenol-d6	7.30	99	564138	109.54	ng	-0.01
23) Nitrobenzene-d5	9.29	82	406074	86.31	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	339953	114.34	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1124222	87.89	ng	-0.03
78) Terphenyl-d14	20.08	244	2258233	85.41	ng	-0.02

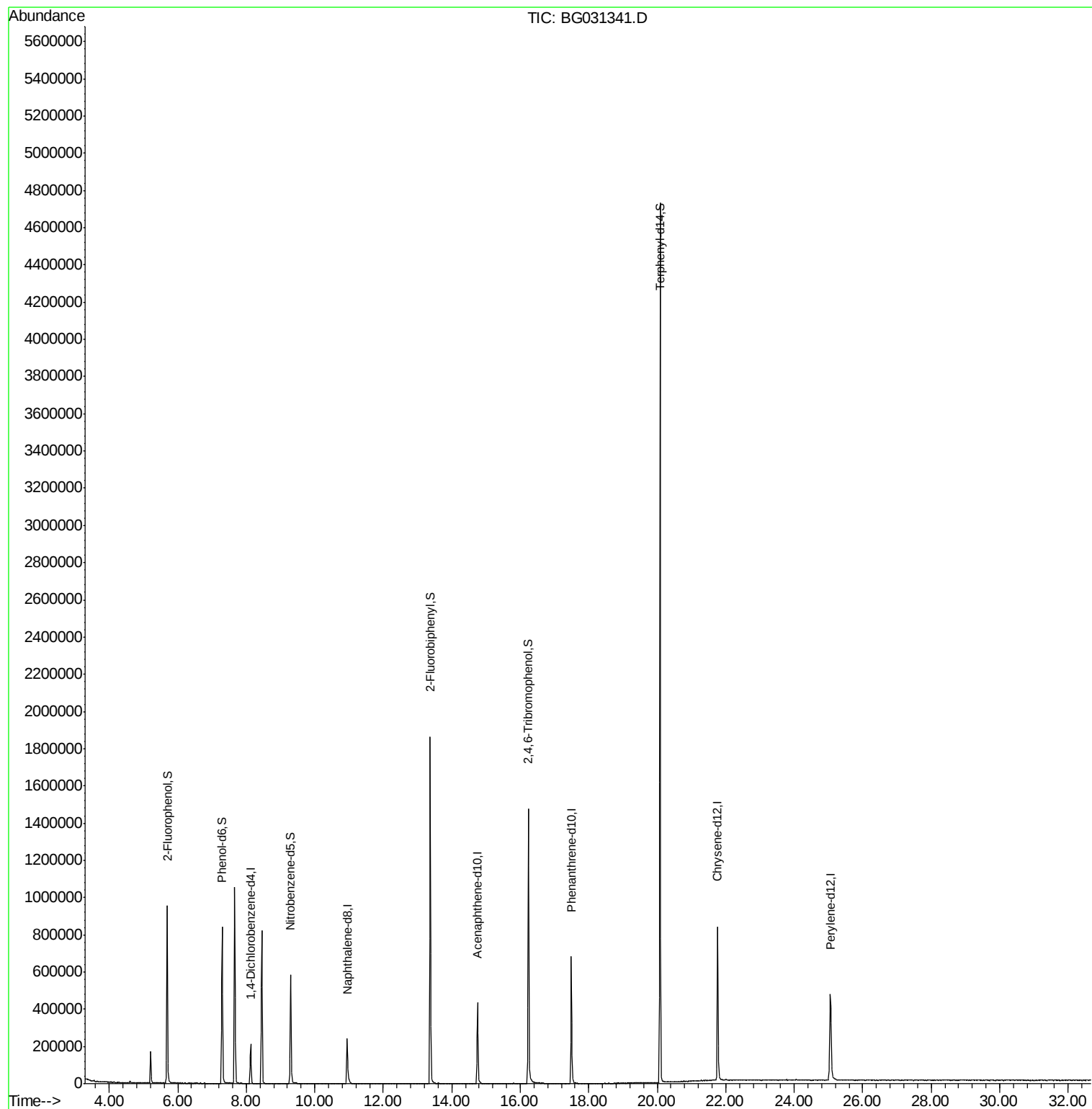
Target Compounds Qvalue

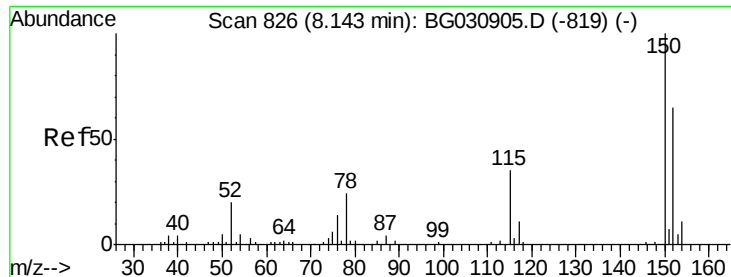
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031341.D

Acq: 2 Dec 2017 6:22

Instrument :

BNA_G

ClientSampleId :

MH-SP

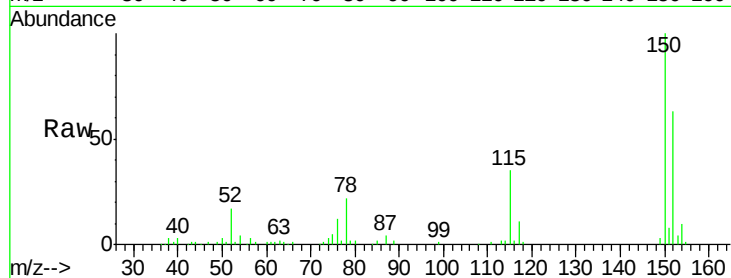
Tot Ion:152 Resp: 65548

Ion Ratio Lower Upper

152 100

150 158.9 126.6 189.8

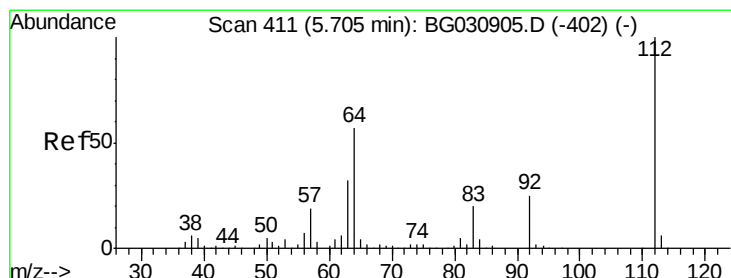
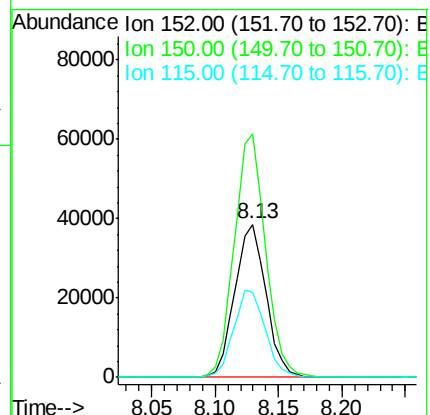
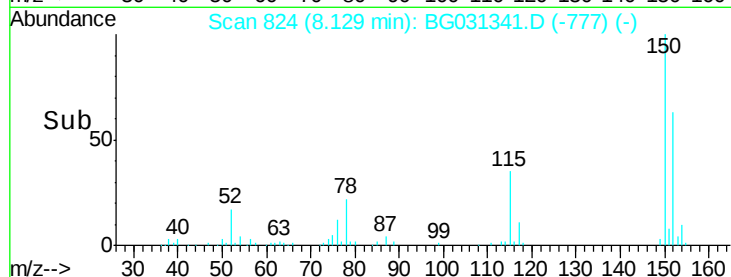
115 55.2 53.0 79.4



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: 129.44 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031341.D

Acq: 2 Dec 2017 6:22

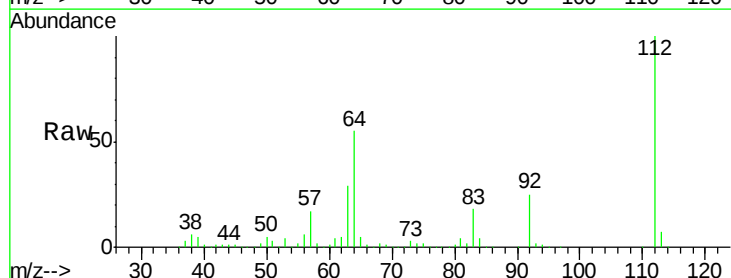
Tgt Ion:112 Resp: 494802

Ion Ratio Lower Upper

112 100

64 54.9 56.3 84.5#

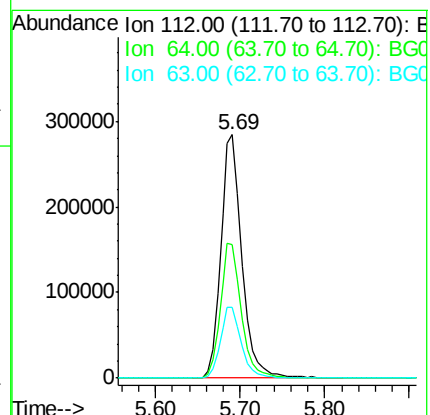
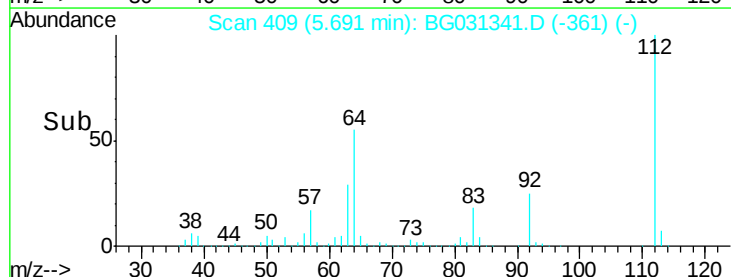
63 29.0 30.1 45.1#

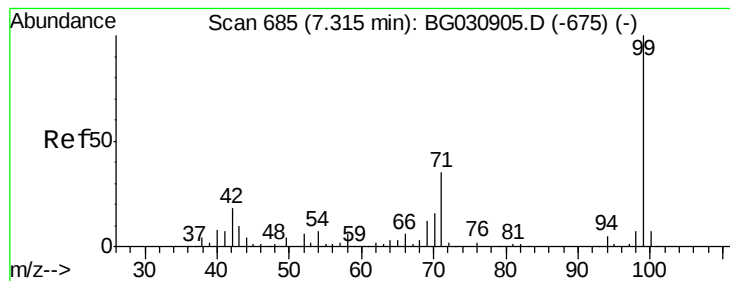


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.54 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031341.D

Acq: 2 Dec 2017 6:22

Instrument :

BNA_G

ClientSampleId :

MH-SP

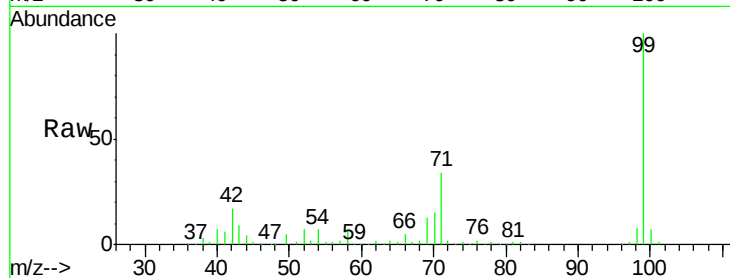
Tot Ion: 99 Resp: 564138

Ion Ratio Lower Upper

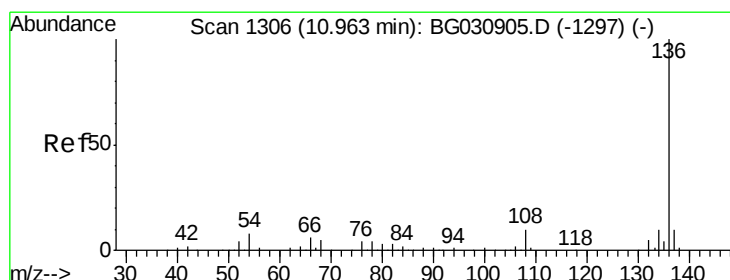
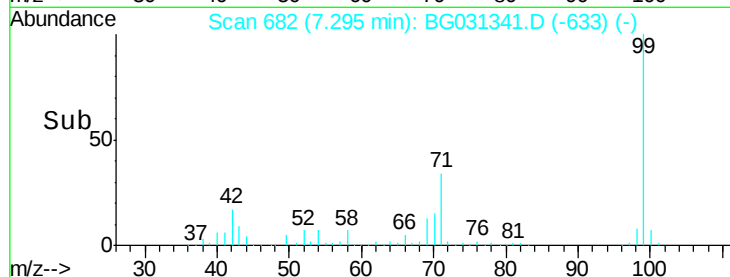
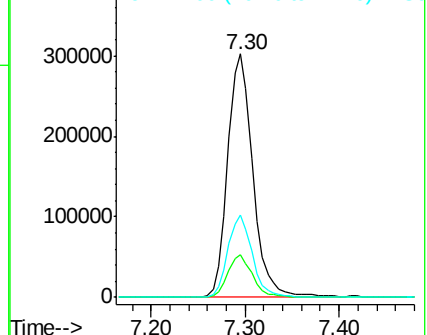
99 100

42 17.3 14.1 21.1

71 33.6 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: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031341.D

Acq: 2 Dec 2017 6:22

Tgt Ion: 136 Resp: 278784

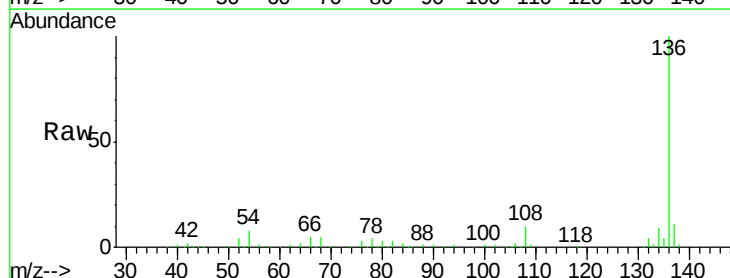
Ion Ratio Lower Upper

136 100

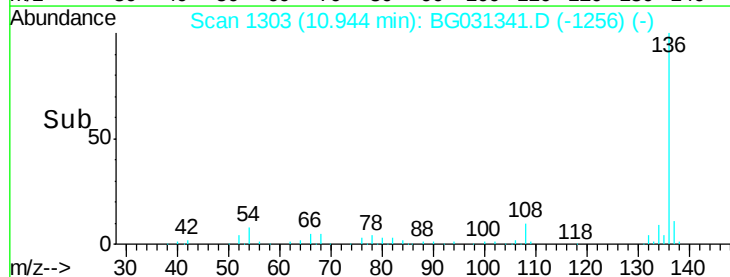
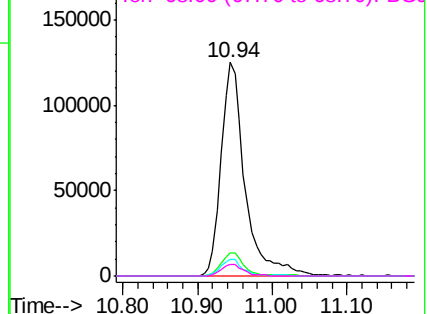
137 10.8 9.2 13.8

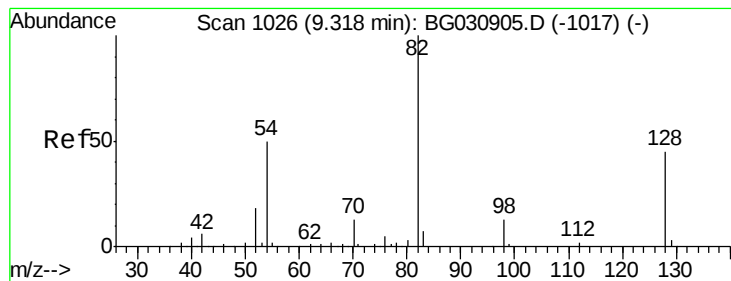
54 7.7 10.3 15.5#

68 5.3 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: 86.31 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BG031341.D

Acq: 2 Dec 2017 6:22

Instrument :

BNA_G

ClientSampleId :

MH-SP

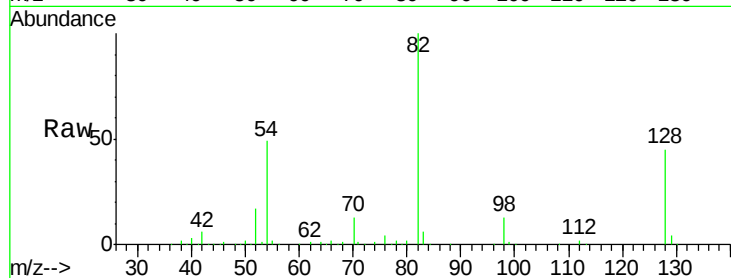
Tot Ion: 82 Resp: 406074

Ion Ratio Lower Upper

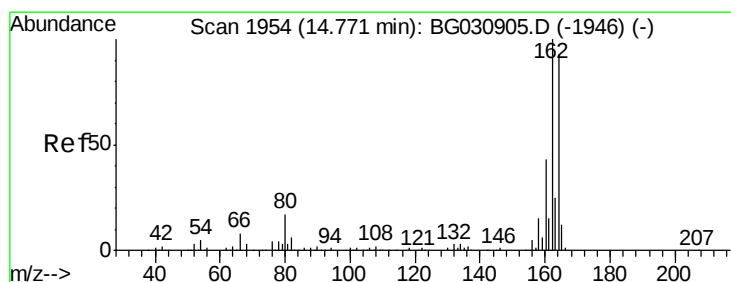
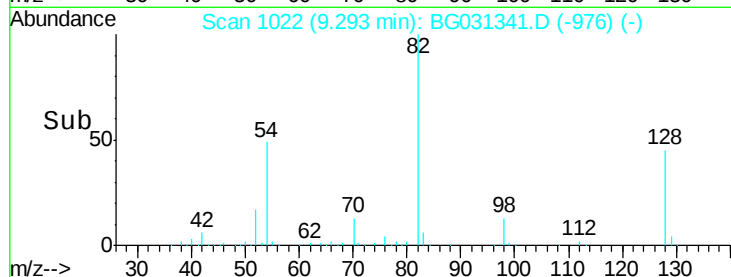
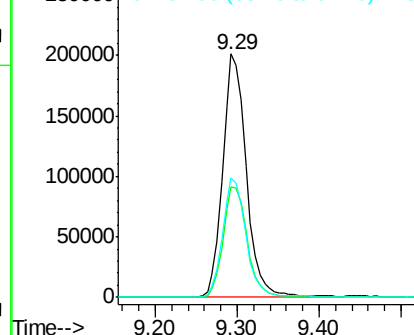
82 100

128 45.2 29.7 44.5#

54 48.8 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: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031341.D

Acq: 2 Dec 2017 6:22

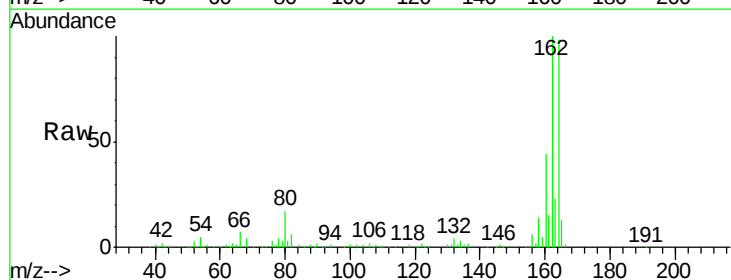
Tgt Ion:164 Resp: 183788

Ion Ratio Lower Upper

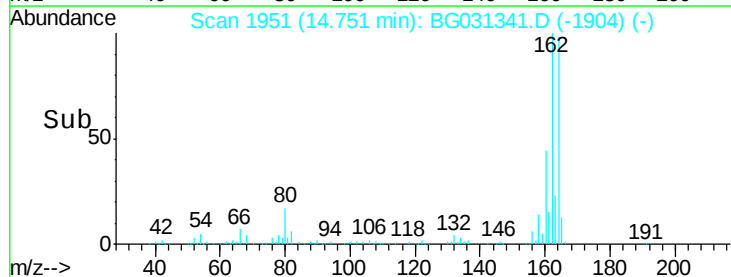
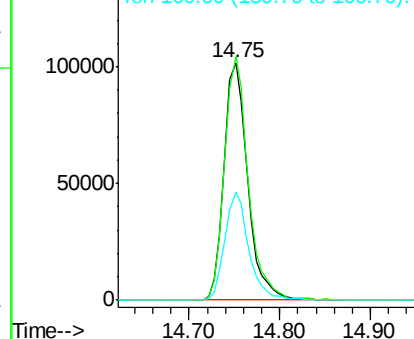
164 100

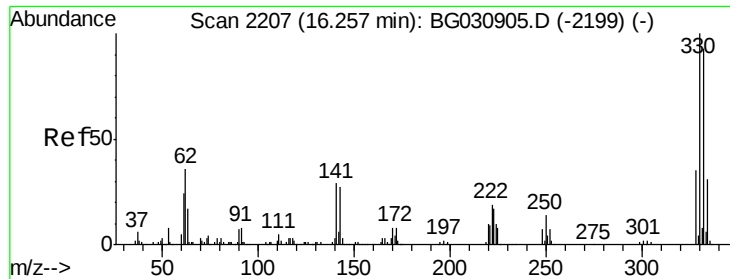
162 102.4 78.8 118.2

160 45.2 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: 114.34 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031341.D

Acq: 2 Dec 2017 6:22

Instrument :

BNA_G

ClientSampleId :

MH-SP

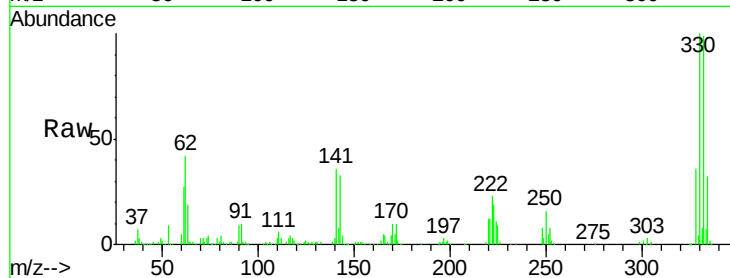
Tot Ion:330 Resp: 339953

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

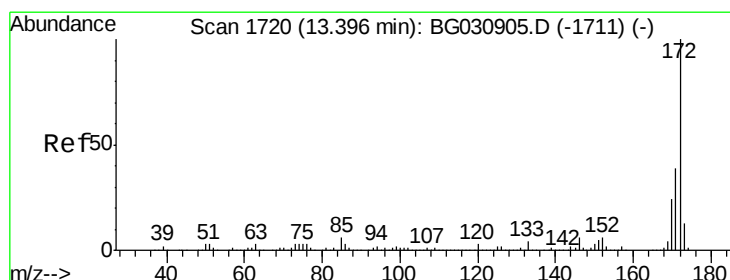
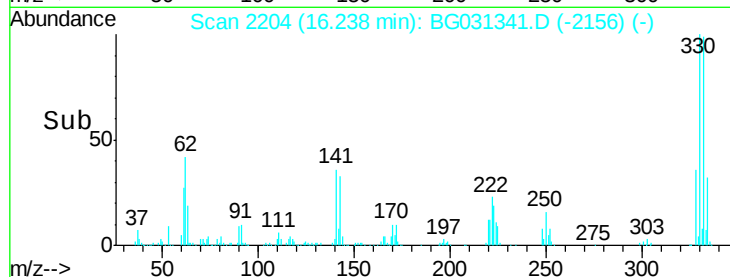
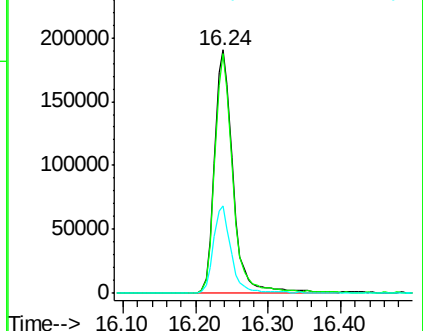
141 34.3 25.2 37.8



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: 87.89 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.03 min

Lab File: BG031341.D

Acq: 2 Dec 2017 6:22

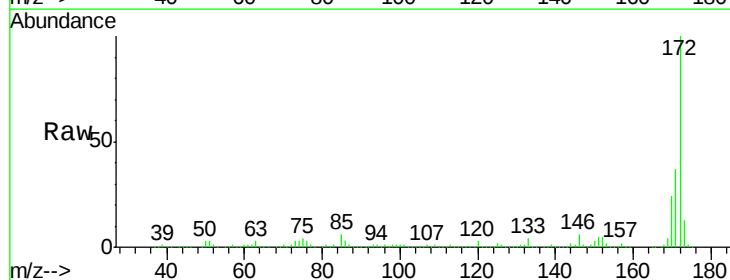
Tgt Ion:172 Resp: 1124222

Ion Ratio Lower Upper

172 100

171 37.5 30.0 45.0

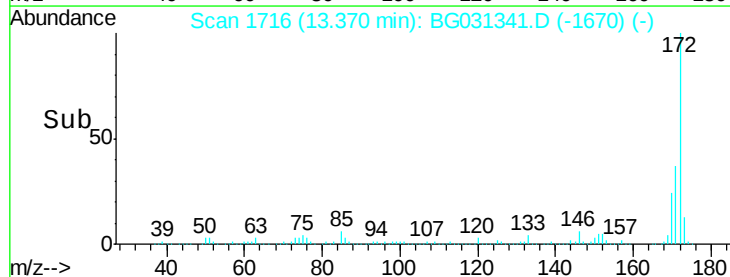
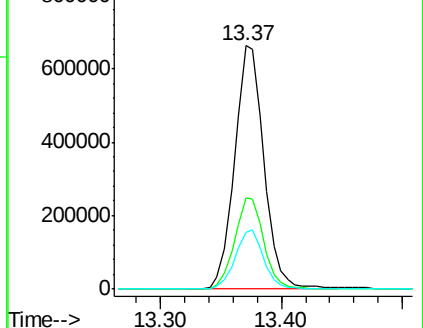
170 23.5 19.5 29.3



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

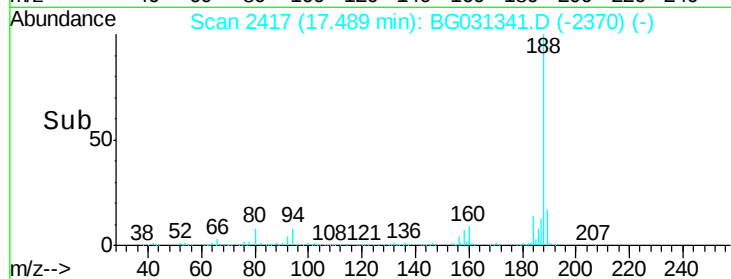
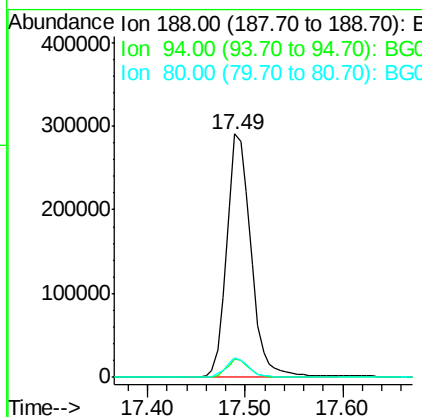
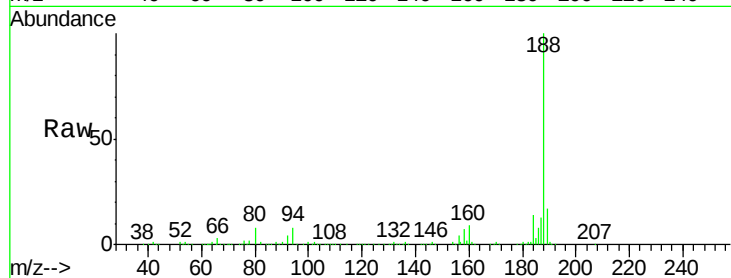




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031341.D
Acq: 2 Dec 2017 6:22

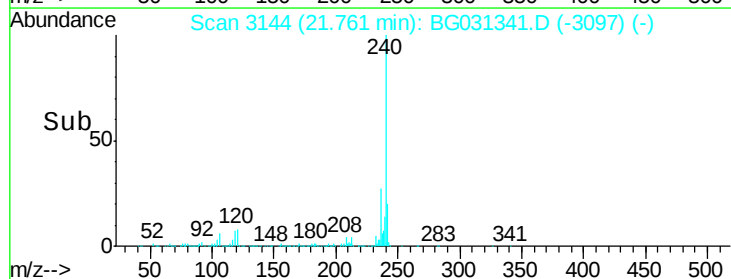
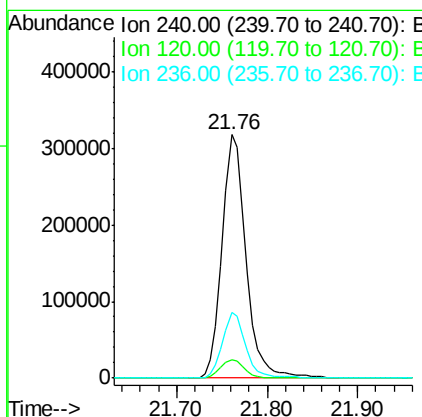
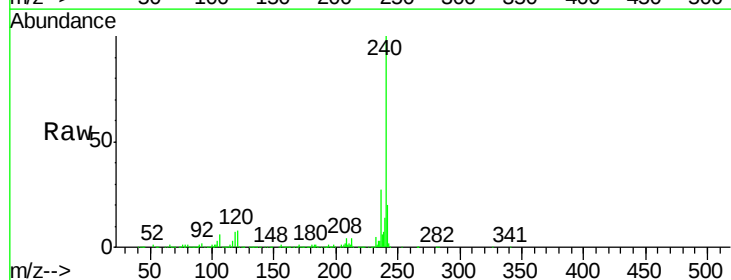
Instrument :
BNA_G
ClientSampleId :
MH-SP

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	7.9	7.7	11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031341.D
Acq: 2 Dec 2017 6:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.8	10.2
236	27.1	20.9	31.3





#78

Terphenyl-d14

Concen: 85.41 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031341.D

Acq: 2 Dec 2017 6:22

Instrument :

BNA_G

ClientSampleId :

MH-SP

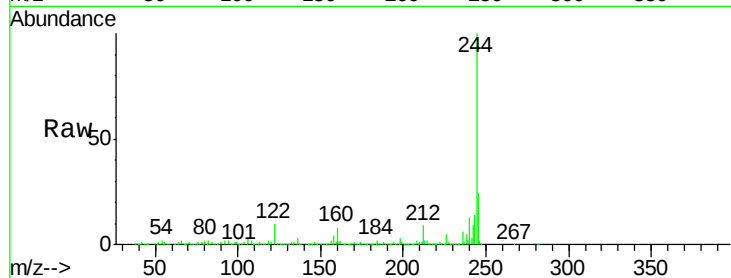
Tot Ion:244 Resp: 2258233

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

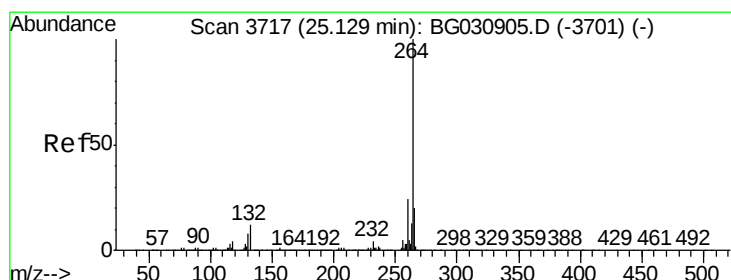
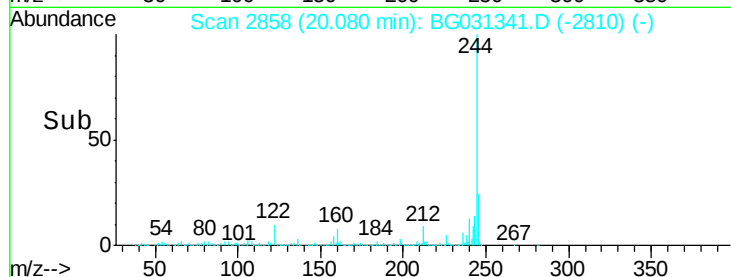
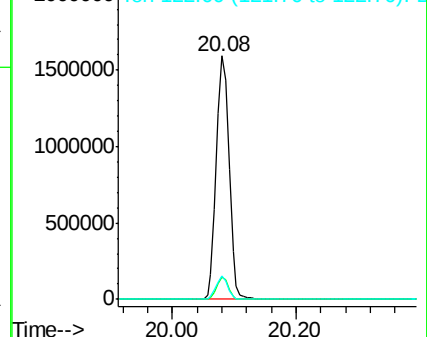
122 9.6 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.04 min

Lab File: BG031341.D

Acq: 2 Dec 2017 6:22

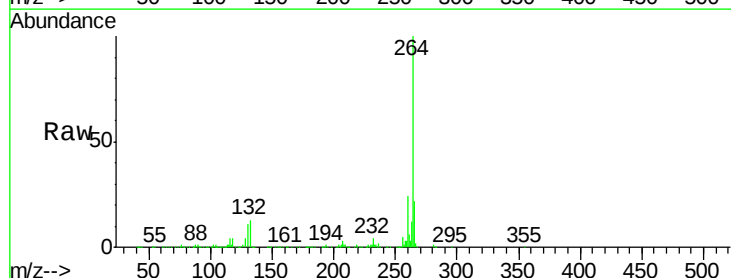
Tgt Ion:264 Resp: 567445

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.9 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

