

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032641.D
 Acq On : 9 Feb 2018 21:27
 Operator : SJ/JU
 Sample : J1512-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-4632

Quant Time: Feb 10 00:00:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	28393	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	127226	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	112752	20.00	ng	-0.03
63) Phenanthrene-d10	18.06	188	363049	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	370534	20.00	ng	-0.02
86) Perylene-d12	26.06	264	380383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	210235	148.72	ng	-0.02
7) Phenol-d6	7.80	99	239435	126.93	ng	-0.02
23) Nitrobenzene-d5	9.88	82	198262	97.33	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	302947	141.15	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	753289	79.41	ng	-0.02
78) Terphenyl-d14	20.60	244	1592303	92.05	ng	-0.01

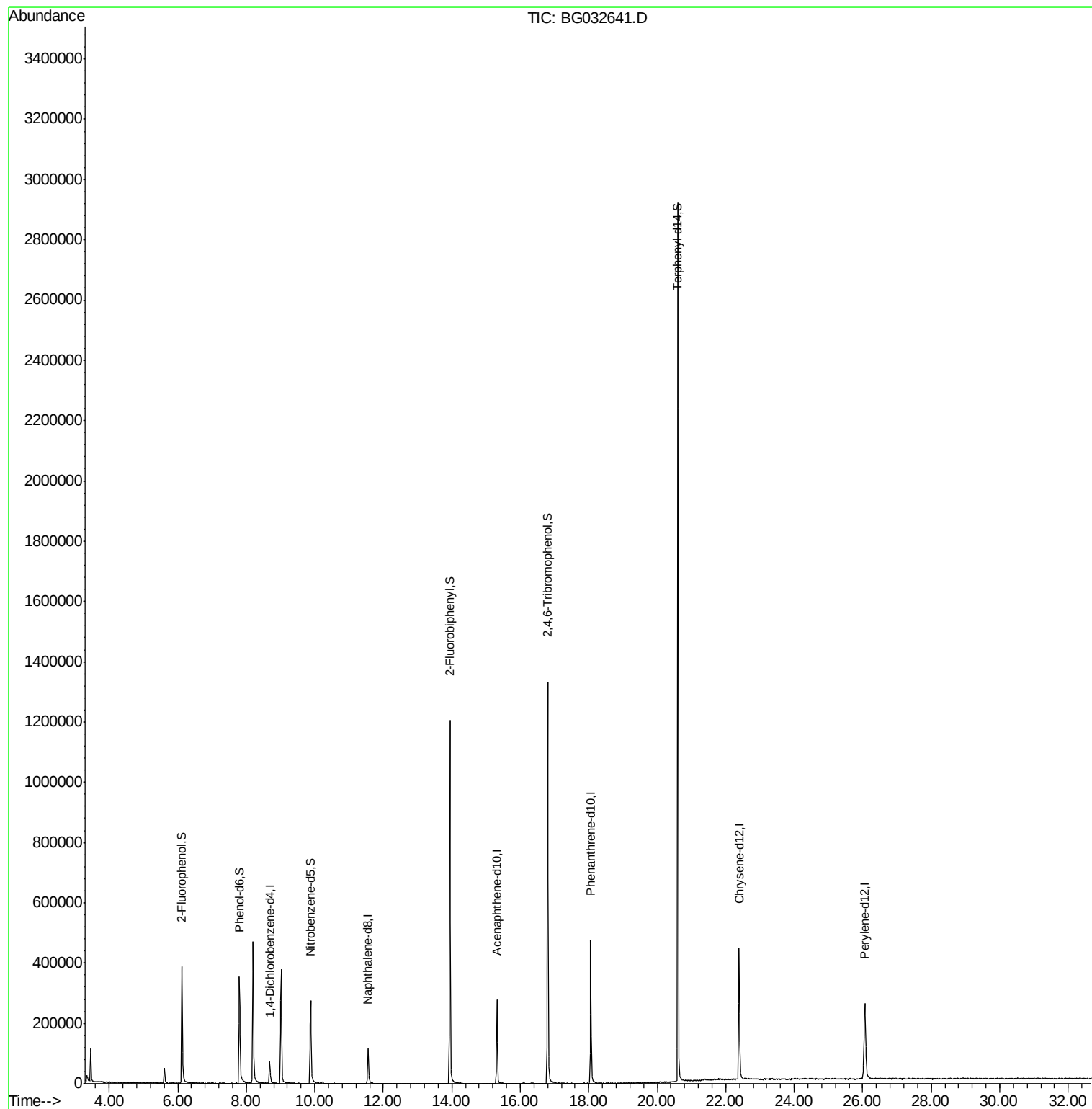
Target Compounds Qvalue

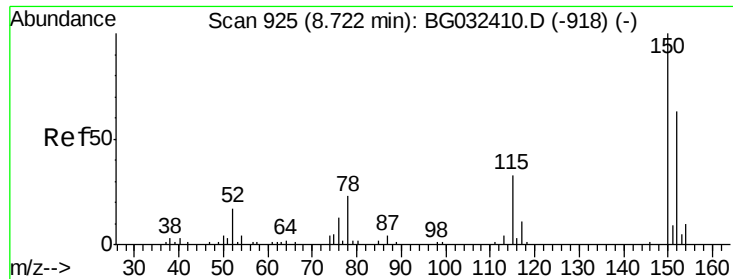
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.68 min Scan# 918

Delta R.T. -0.03 min

Lab File: BG032641.D

Acq: 9 Feb 2018 21:27

Instrument :

BNA_G

ClientSampleId :

RO-4632

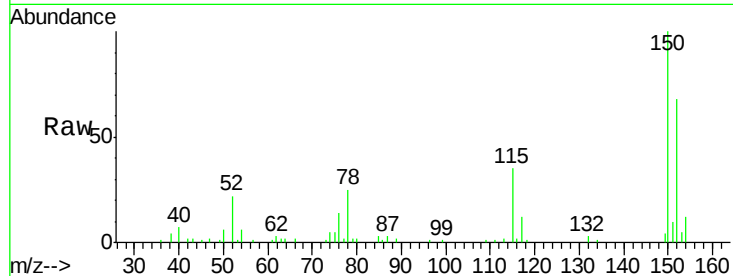
Tot Ion:152 Resp: 28393

Ion Ratio Lower Upper

152 100

150 146.2 126.6 189.8

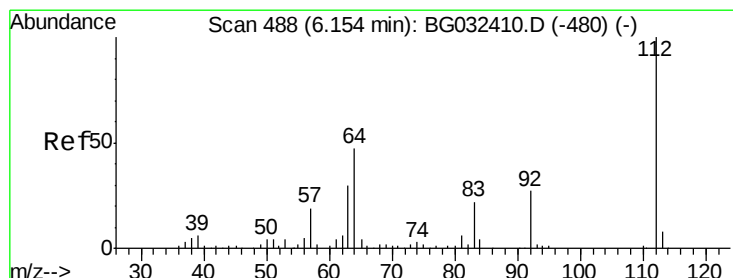
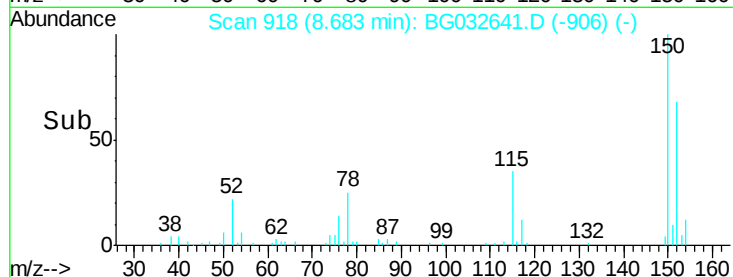
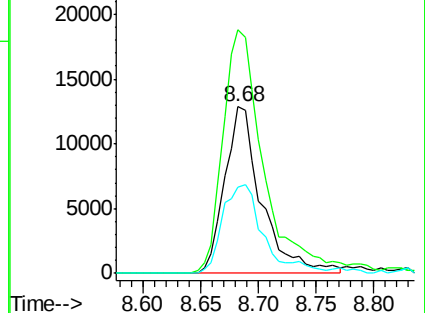
115 51.5 53.0 79.4#



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: 148.723 ng

RT: 6.12 min Scan# 482

Delta R.T. -0.02 min

Lab File: BG032641.D

Acq: 9 Feb 2018 21:27

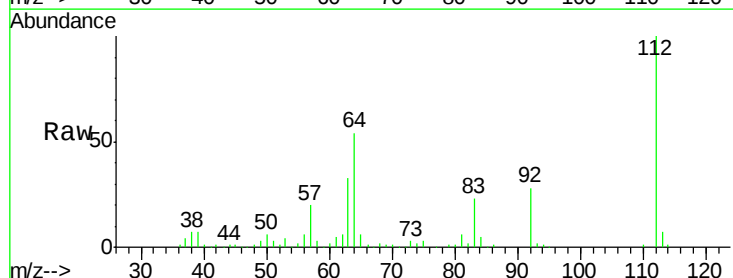
Tgt Ion:112 Resp: 210235

Ion Ratio Lower Upper

112 100

64 54.3 56.3 84.5#

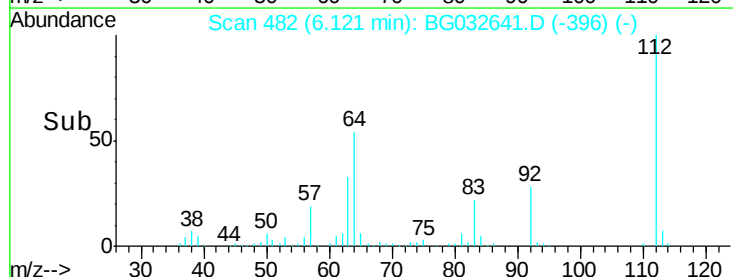
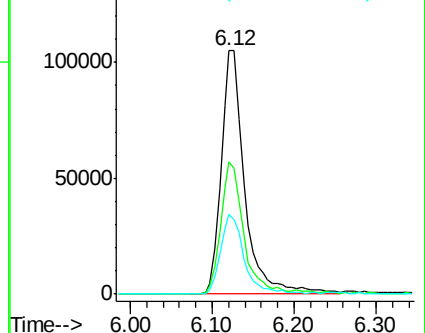
63 32.9 30.1 45.1

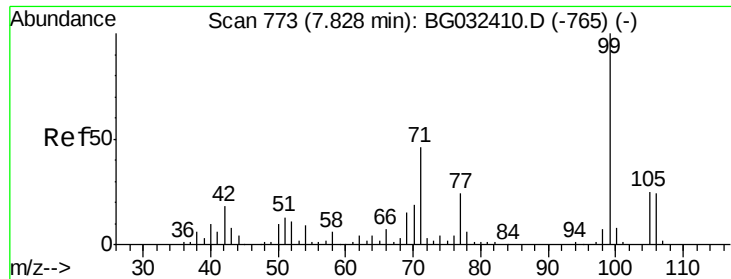


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.931 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032641.D

Acq: 9 Feb 2018 21:27

Instrument :

BNA_G

ClientSampled :

RO-4632

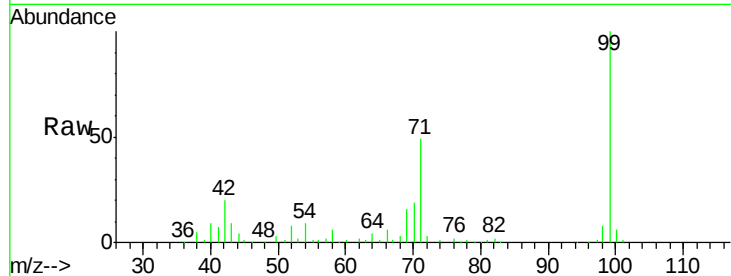
Tot Ion: 99 Resp: 239435

Ion Ratio Lower Upper

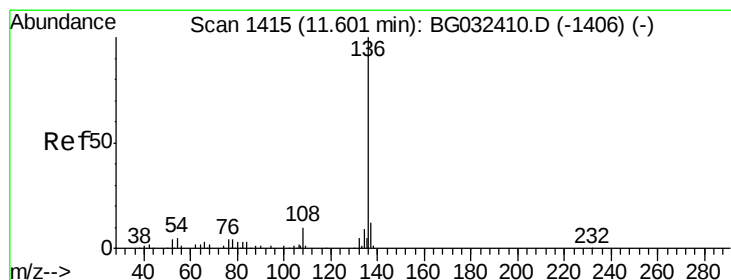
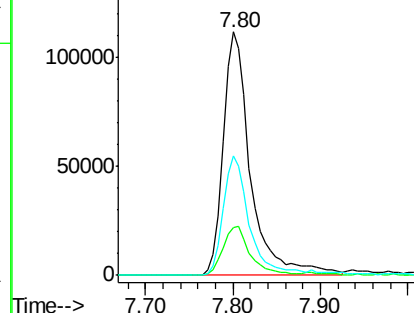
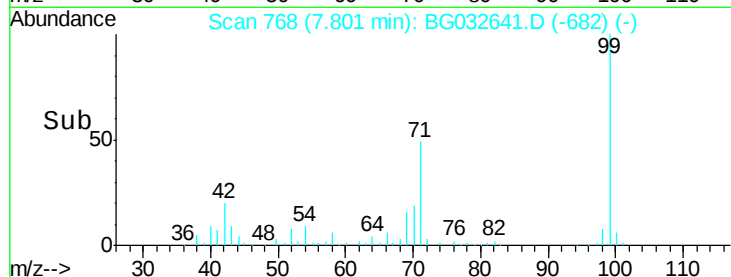
99 100

42 19.9 14.1 21.1

71 48.9 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: 11.56 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BG032641.D

Acq: 9 Feb 2018 21:27

Tgt Ion: 136 Resp: 127226

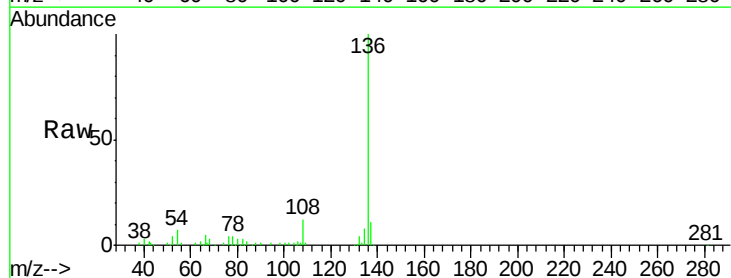
Ion Ratio Lower Upper

136 100

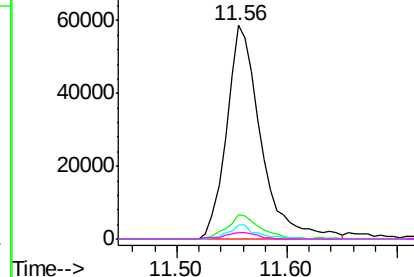
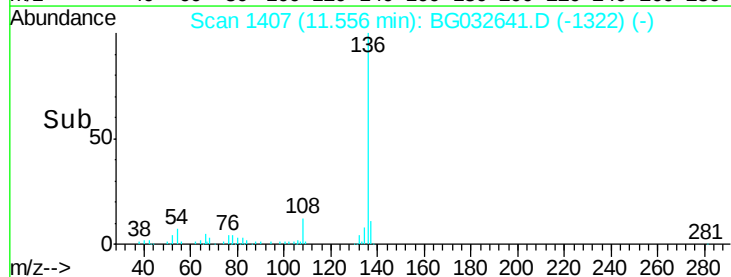
137 11.2 9.2 13.8

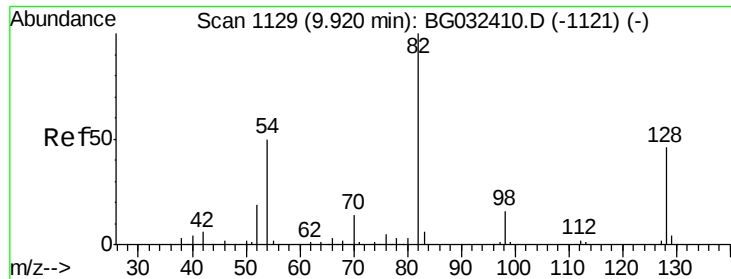
54 6.8 10.3 15.5#

68 2.8 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

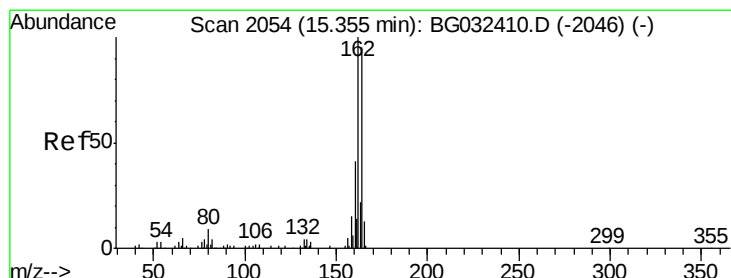
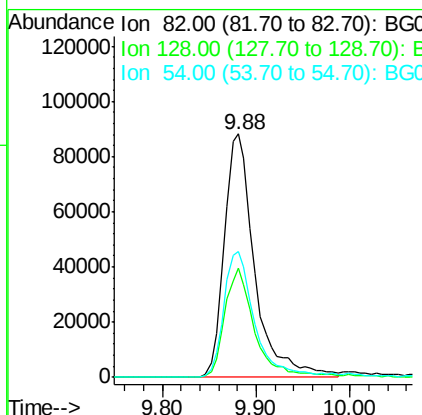
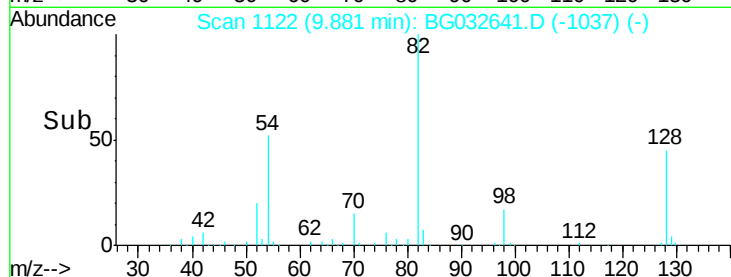
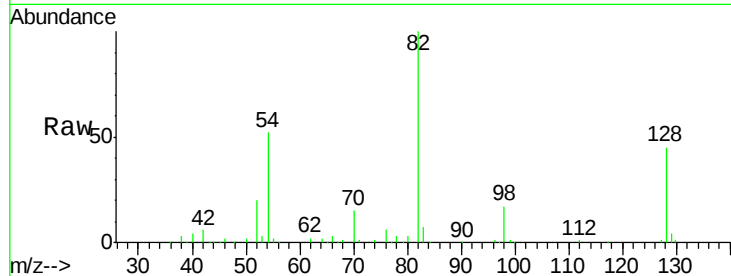




#23
 Nitrobenzene-d5
 Concen: 97.335 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032641.D
 Acq: 9 Feb 2018 21:27

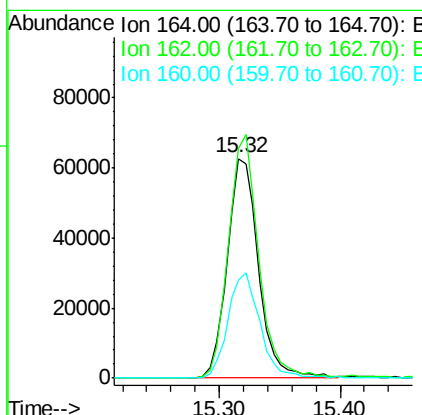
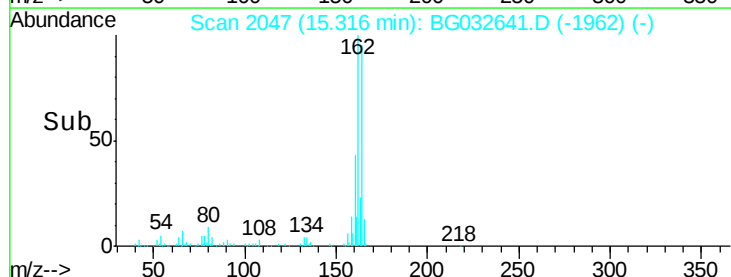
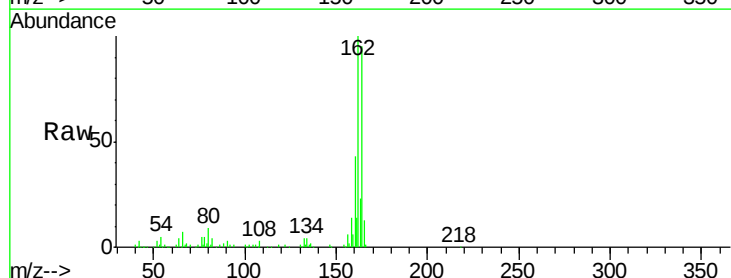
Instrument :
 BNA_G
 ClientSampleId :
 RO-4632

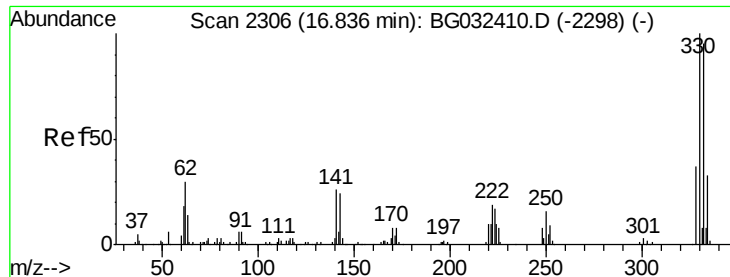
Tot Ion: 82 Resp: 198262
 Ion Ratio Lower Upper
 82 100
 128 44.8 29.7 44.5#
 54 51.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2047
 Delta R.T. -0.03 min
 Lab File: BG032641.D
 Acq: 9 Feb 2018 21:27

Tgt Ion:164 Resp: 112752
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 44.7 35.4 53.0

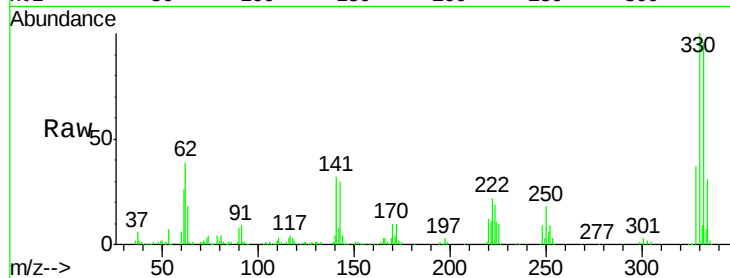




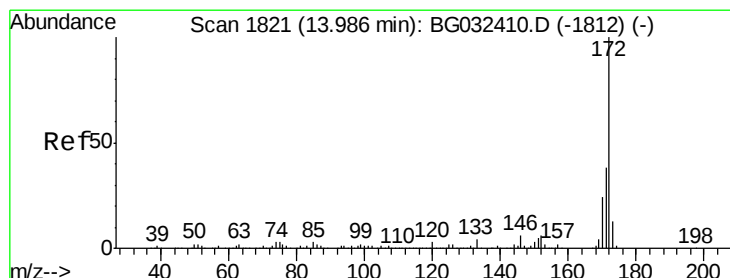
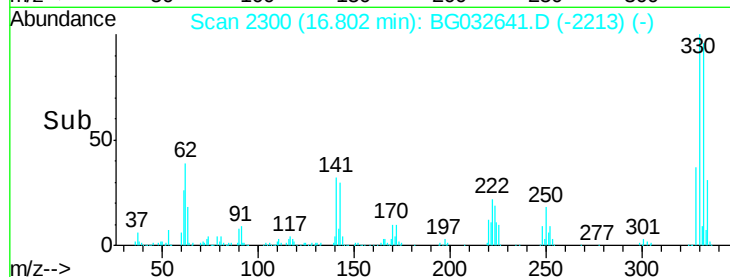
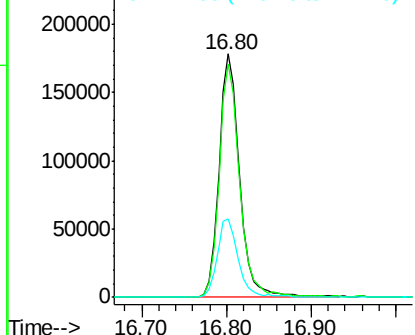
#41
 2,4,6-Tribromophenol
 Concen: 141.153 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BG032641.D
 Acq: 9 Feb 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 RO-4632

Tot Ion:330 Resp: 302947
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 33.3 25.2 37.8

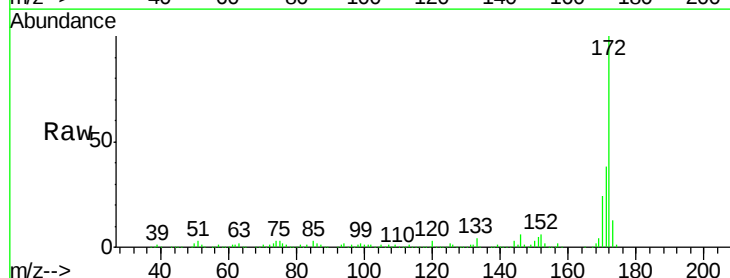


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

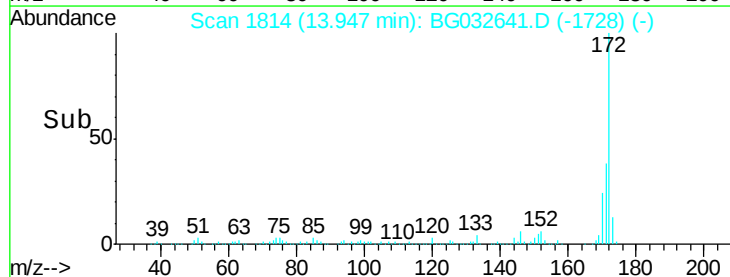
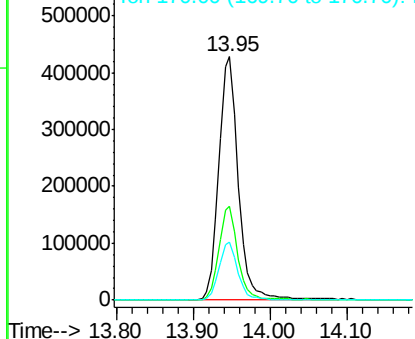


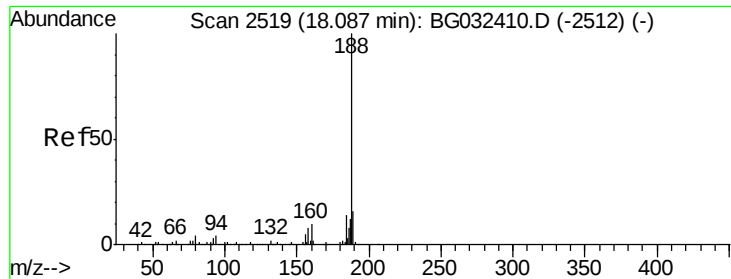
#44
 2-Fluorobiphenyl
 Concen: 79.407 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032641.D
 Acq: 9 Feb 2018 21:27

Tgt Ion:172 Resp: 753289
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 23.7 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: 18.06 min Scan# 2514

Delta R.T. -0.02 min

Lab File: BG032641.D

Acq: 9 Feb 2018 21:27

Instrument :

BNA_G

ClientSampled :

RO-4632

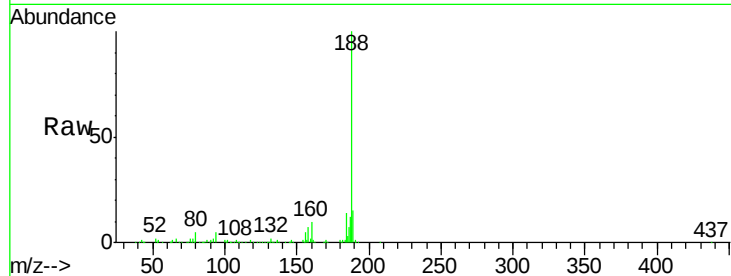
Tot Ion:188 Resp: 363049

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

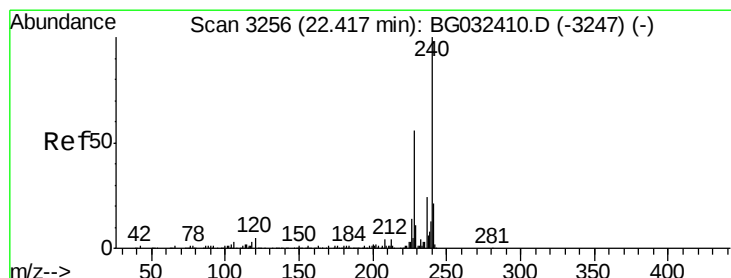
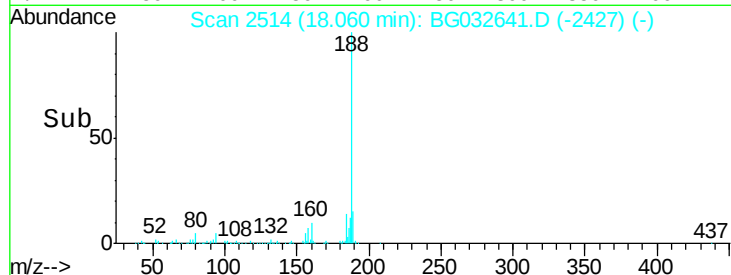
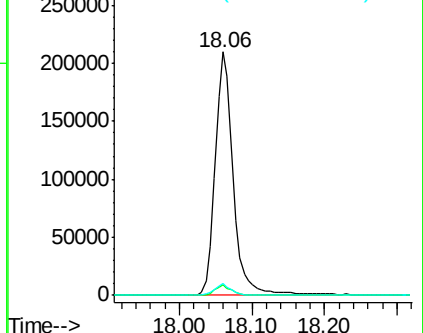
80 4.8 7.7 11.5#



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: 22.39 min Scan# 3251

Delta R.T. -0.02 min

Lab File: BG032641.D

Acq: 9 Feb 2018 21:27

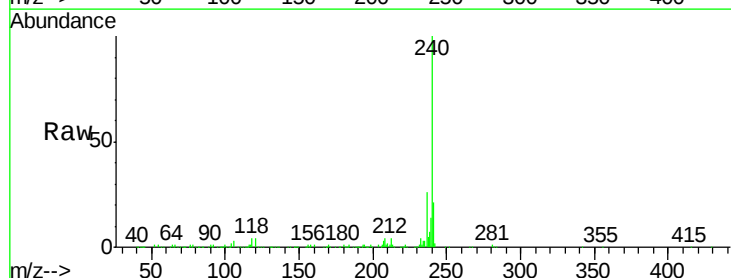
Tgt Ion:240 Resp: 370534

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

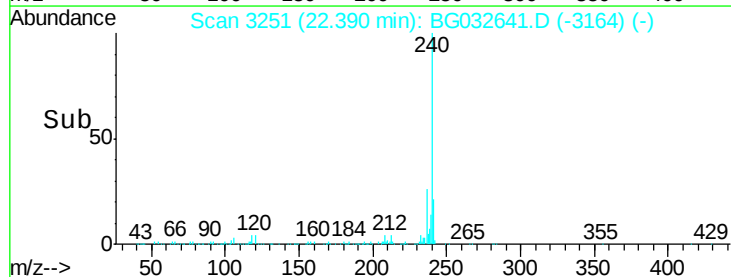
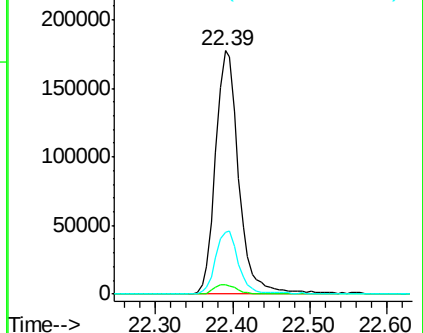
236 25.5 20.9 31.3

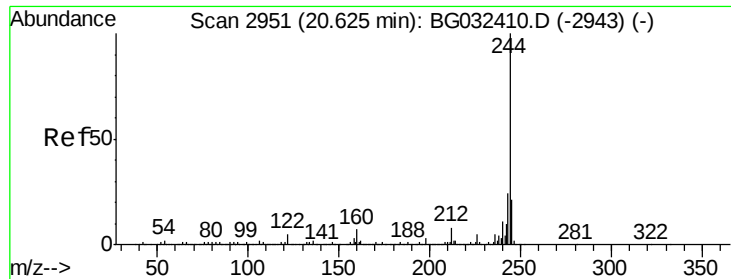


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.052 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032641.D

Acq: 9 Feb 2018 21:27

Instrument :

BNA_G

ClientSampleId :

RO-4632

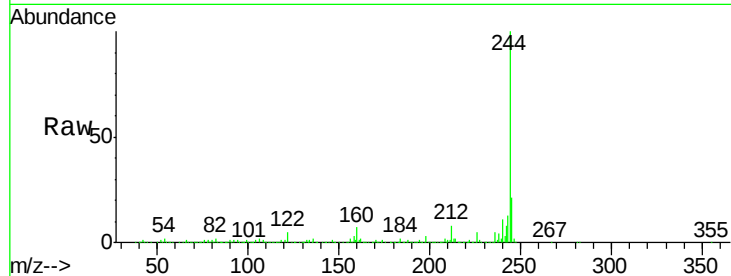
Tot Ion:244 Resp: 1592303

Ion Ratio Lower Upper

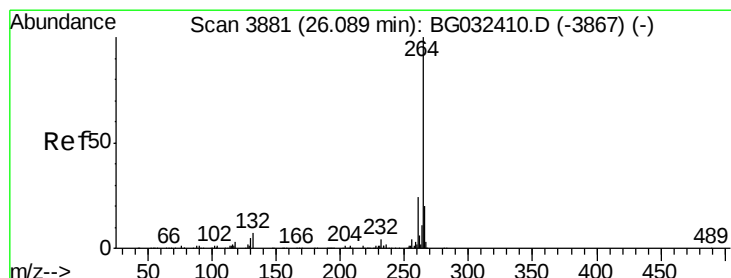
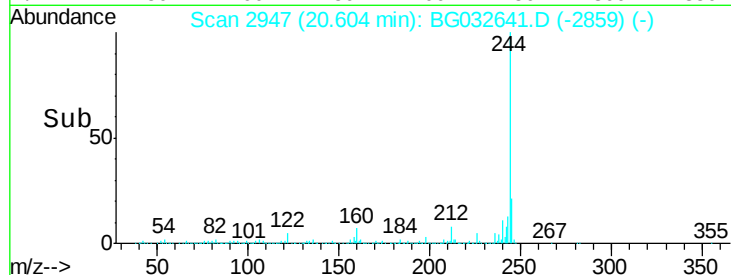
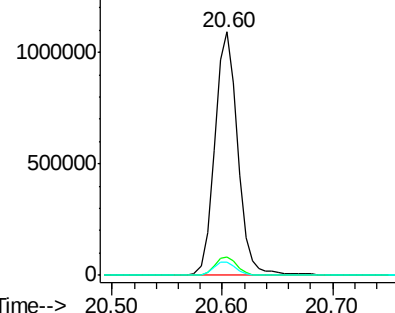
244 100

212 7.7 5.8 8.8

122 5.3 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: 26.06 min Scan# 3876

Delta R.T. -0.00 min

Lab File: BG032641.D

Acq: 9 Feb 2018 21:27

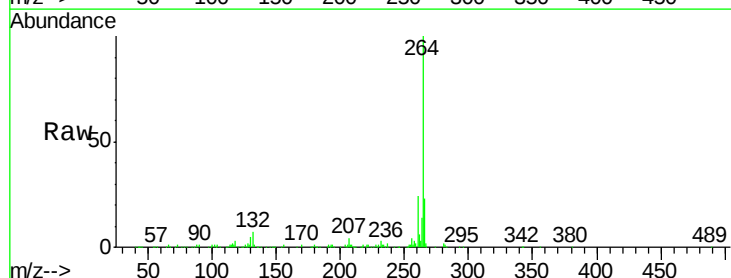
Tgt Ion:264 Resp: 380383

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.8 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

