

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032644.D
 Acq On : 9 Feb 2018 23:20
 Operator : SJ/JU
 Sample : PB106437TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106437TB

Quant Time: Feb 10 00:14:52 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	28022	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	130613	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	111489	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	309880	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	357064	20.00	ng	-0.01
86) Perylene-d12	26.06	264	363026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	236506	169.52	ng	-0.02
7) Phenol-d6	7.80	99	302933	162.72	ng	-0.02
23) Nitrobenzene-d5	9.88	82	180824	86.47	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	232720	109.66	ng	-0.01
44) 2-Fluorobiphenyl	13.94	172	720613	76.82	ng	-0.03
78) Terphenyl-d14	20.61	244	1386538	83.18	ng	0.00

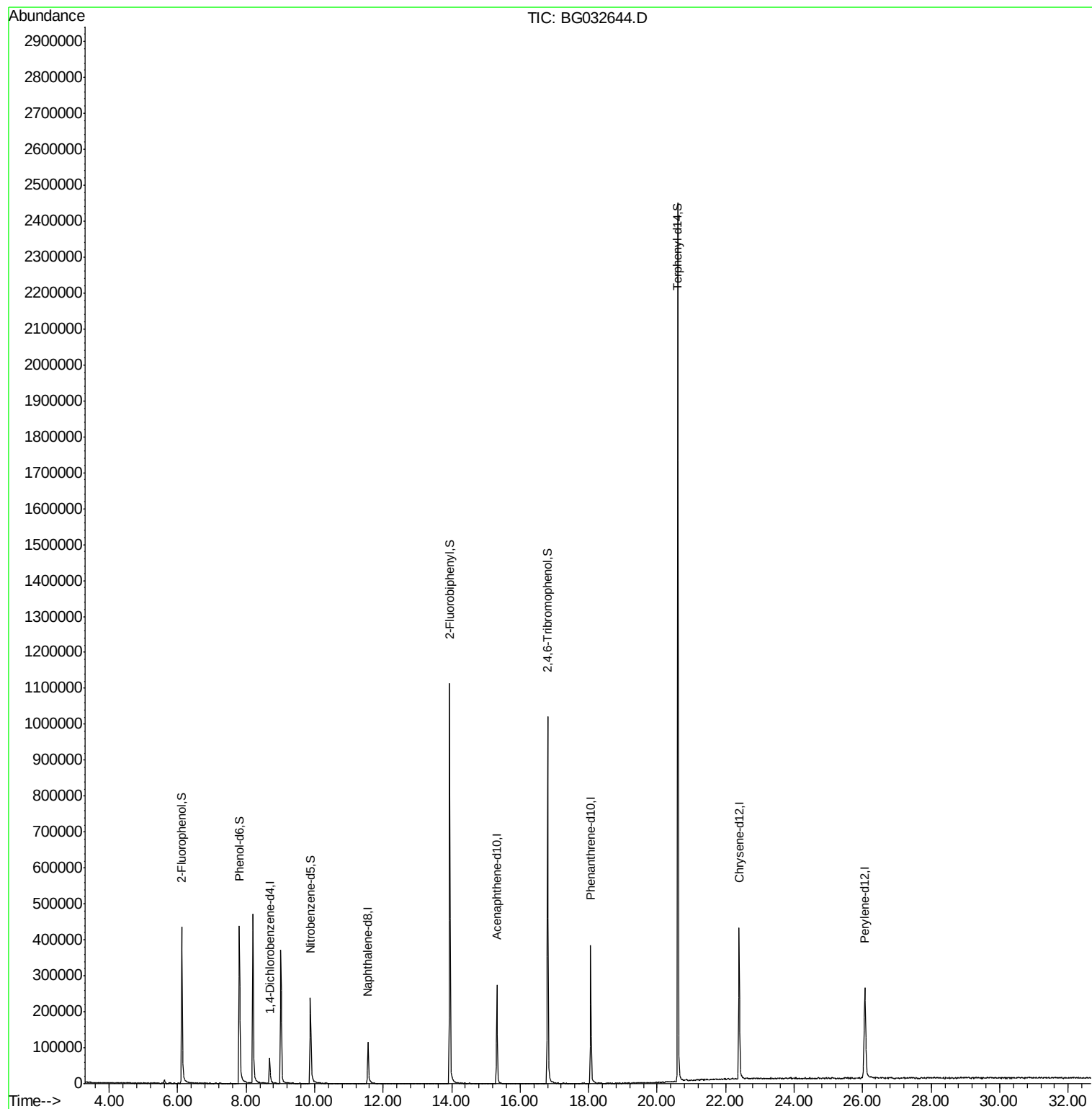
Target Compounds Qvalue

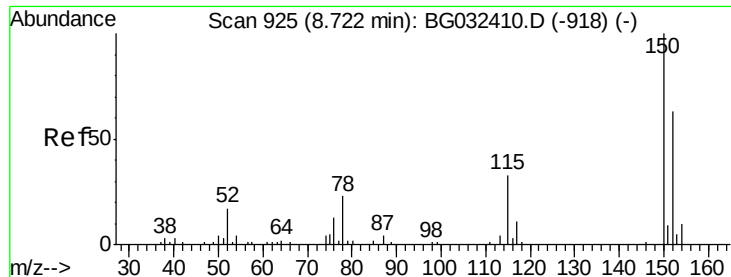
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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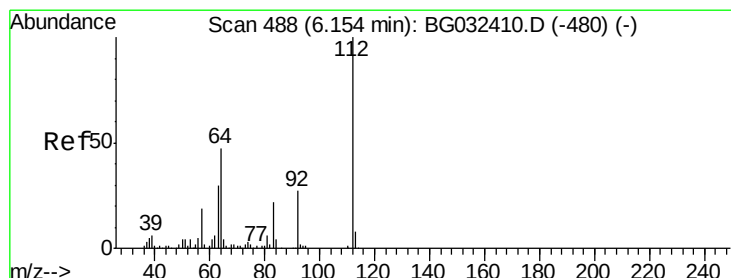
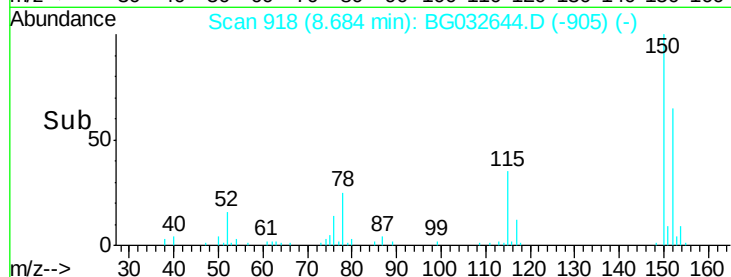
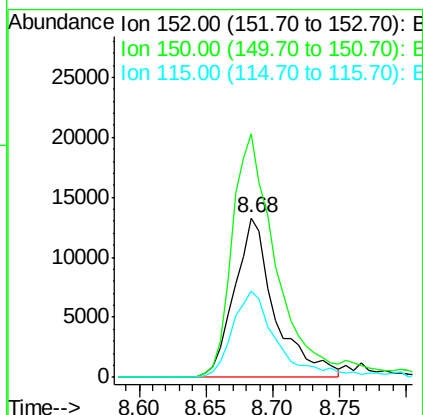
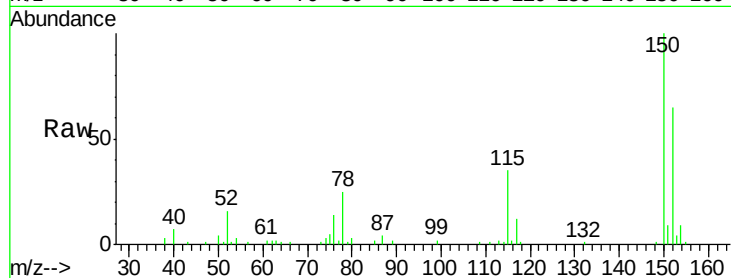


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032644.D
Acq: 9 Feb 2018 23:20

Instrument :
BNA_G
ClientSampleId :
PB106437TB

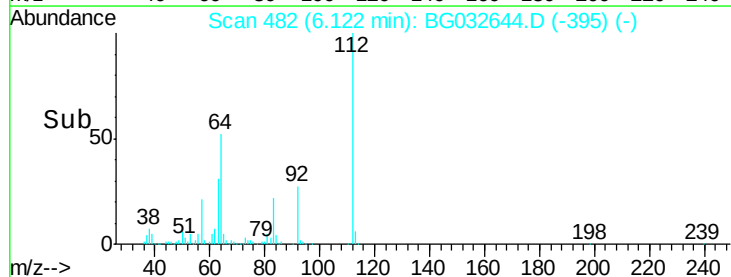
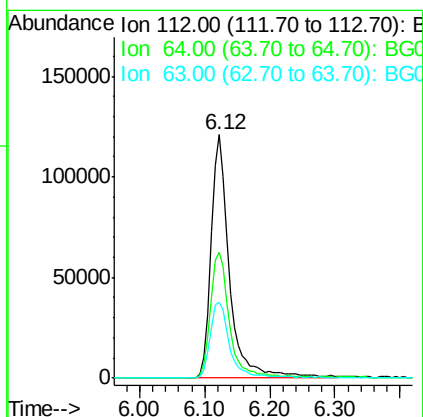
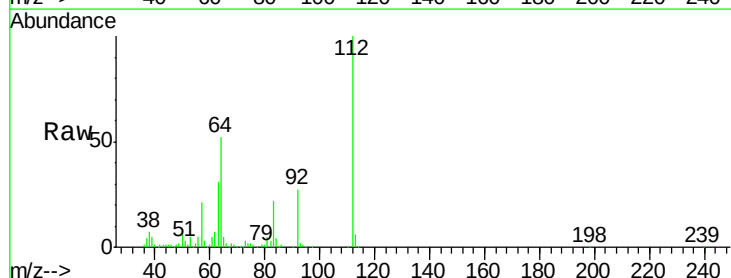
Tot Ion:152 Resp: 28022
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 53.8 53.0 79.4

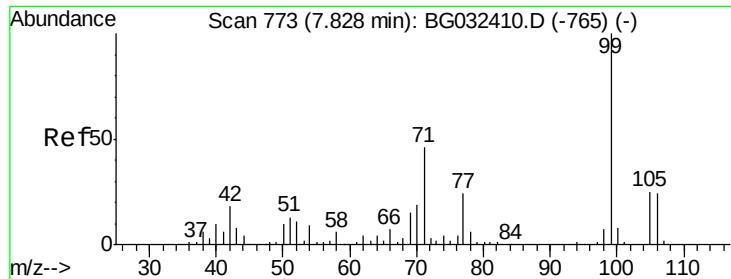


#5

2-Fluorophenol
Concen: 169.522 ng
RT: 6.12 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG032644.D
Acq: 9 Feb 2018 23:20

Tgt Ion:112 Resp: 236506
Ion Ratio Lower Upper
112 100
64 51.8 56.3 84.5#
63 31.3 30.1 45.1





#7

Phenol-d6

Concen: 162.720 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032644.D

Acq: 9 Feb 2018 23:20

Instrument :

BNA_G

ClientSampleId :

PB106437TB

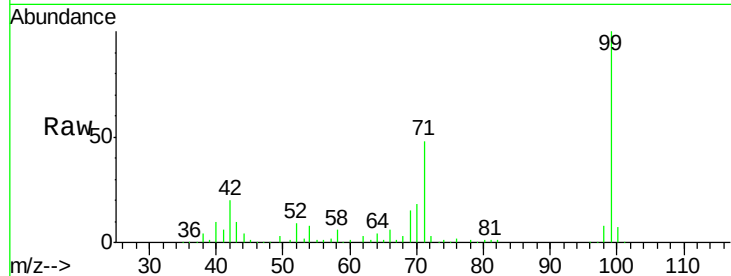
Tot Ion: 99 Resp: 302933

Ion Ratio Lower Upper

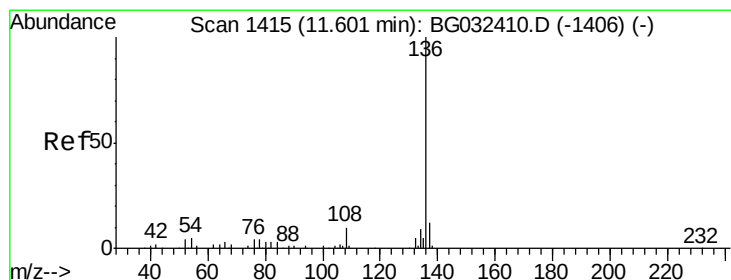
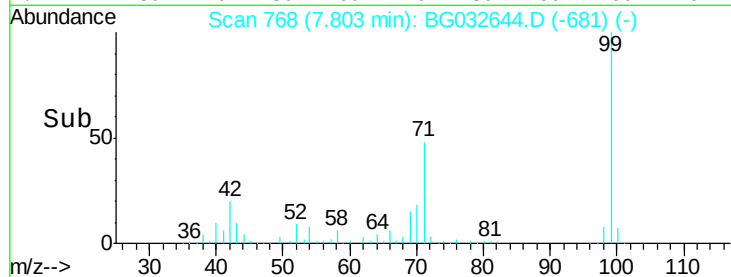
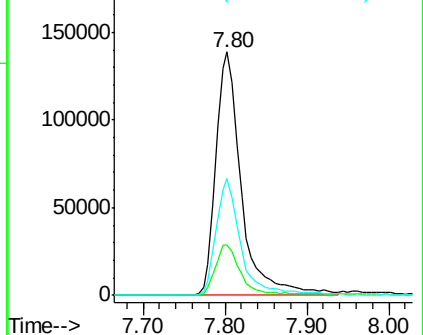
99 100

42 20.5 14.1 21.1

71 47.8 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: BG032644.D

Acq: 9 Feb 2018 23:20

Tgt Ion: 136 Resp: 130613

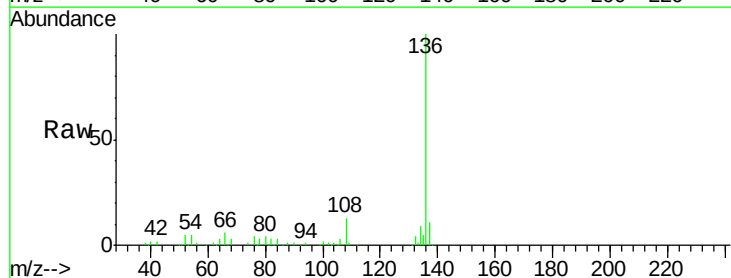
Ion Ratio Lower Upper

136 100

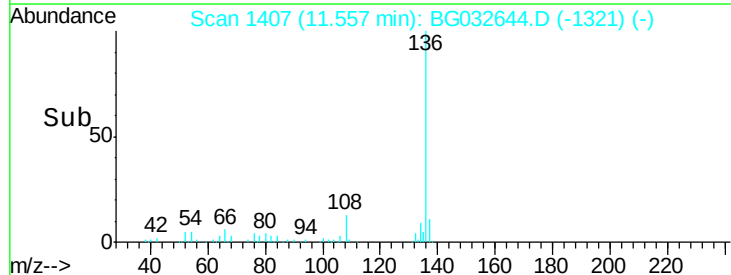
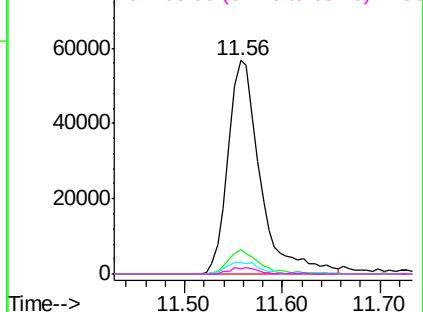
137 11.3 9.2 13.8

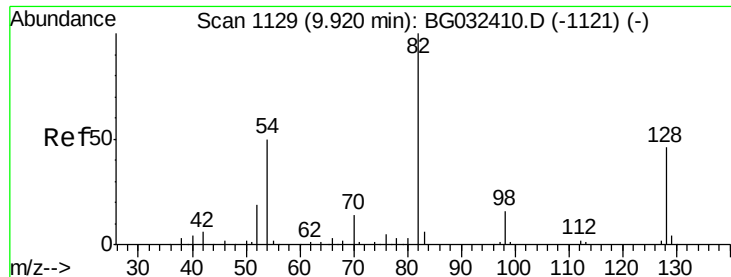
54 5.3 10.3 15.5#

68 2.7 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

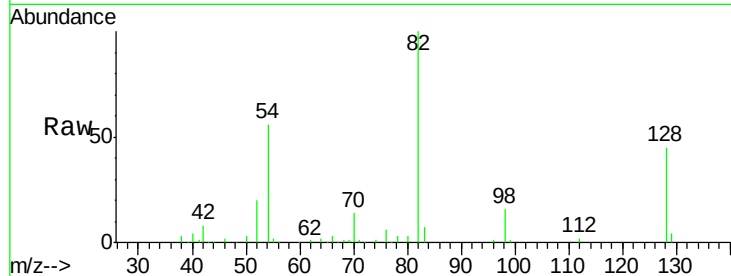




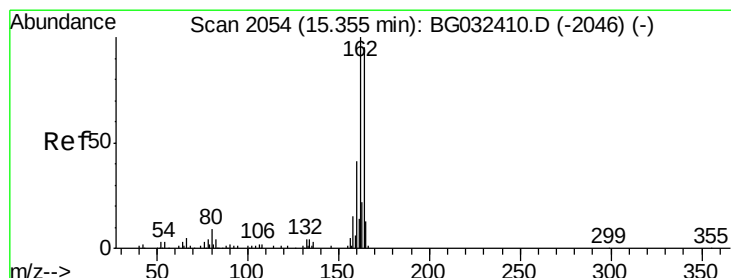
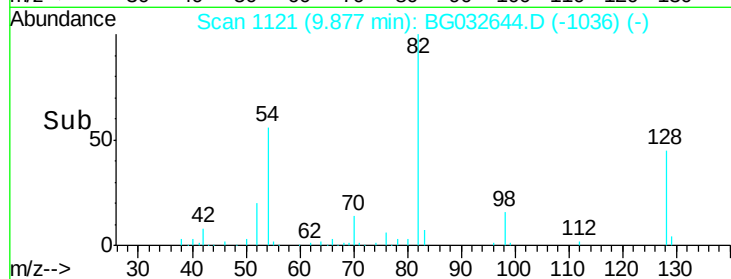
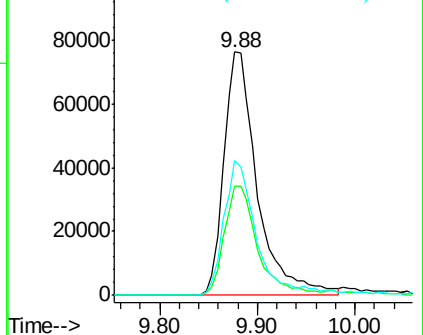
#23
 Nitrobenzene-d5
 Concen: 86.472 ng
 RT: 9.88 min Scan# 1121
 Delta R.T. -0.03 min
 Lab File: BG032644.D
 Acq: 9 Feb 2018 23:20

Instrument :
 BNA_G
 ClientSampleId :
 PB106437TB

Tot Ion	82	Resp	180824
Ion Ratio	100	Lower	Upper
128	44.8	29.7	44.5#
54	55.5	43.1	64.7

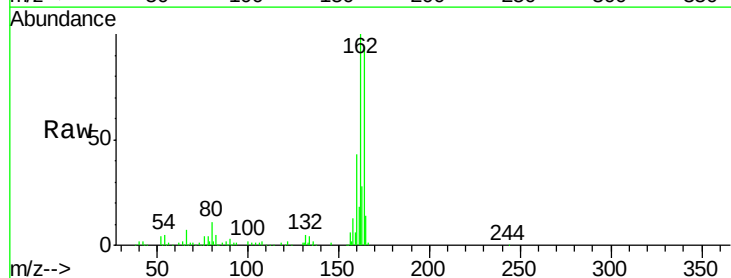


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

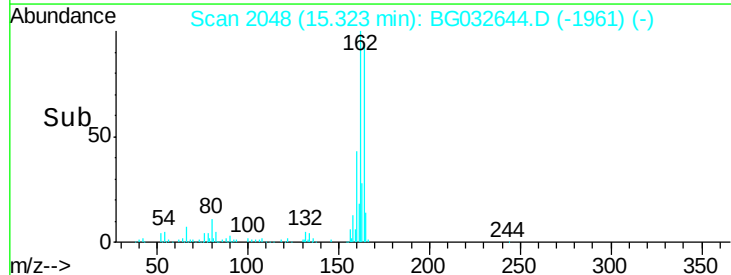
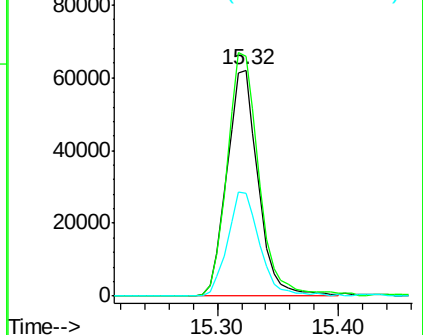


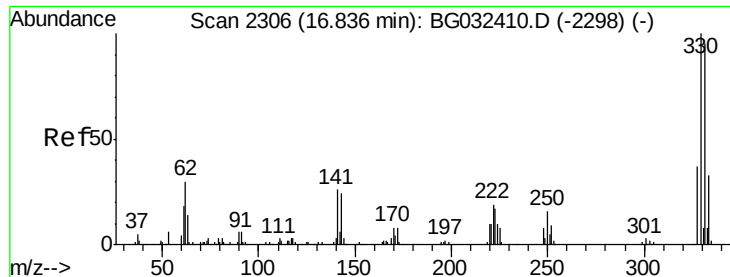
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032644.D
 Acq: 9 Feb 2018 23:20

Tgt Ion	164	Resp	111489
Ion Ratio	100	Lower	Upper
162	106.0	78.8	118.2
160	45.6	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: 109.660 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG032644.D

Acq: 9 Feb 2018 23:20

Instrument :

BNA_G

ClientSampleId :

PB106437TB

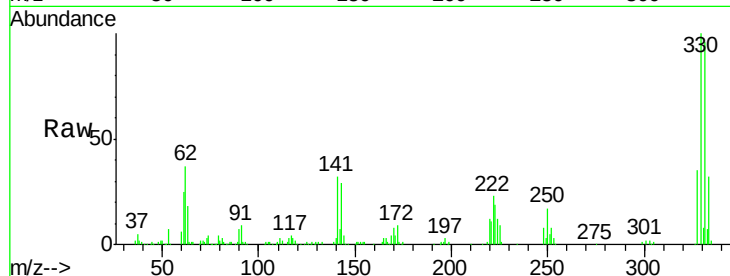
Tot Ion:330 Resp: 232720

Ion Ratio Lower Upper

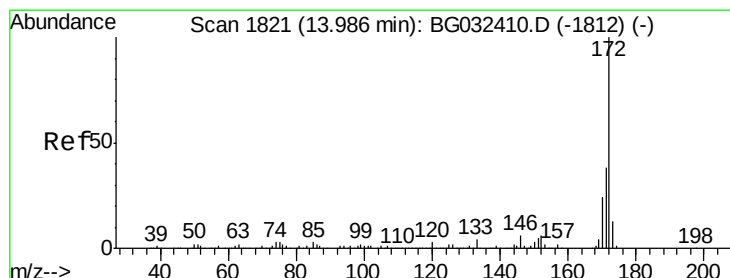
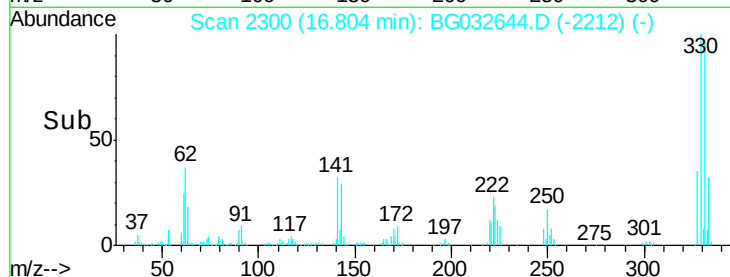
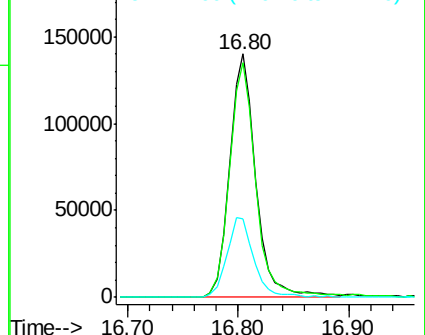
330 100

332 96.9 77.0 115.6

141 33.4 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: 76.823 ng

RT: 13.94 min Scan# 1813

Delta R.T. -0.03 min

Lab File: BG032644.D

Acq: 9 Feb 2018 23:20

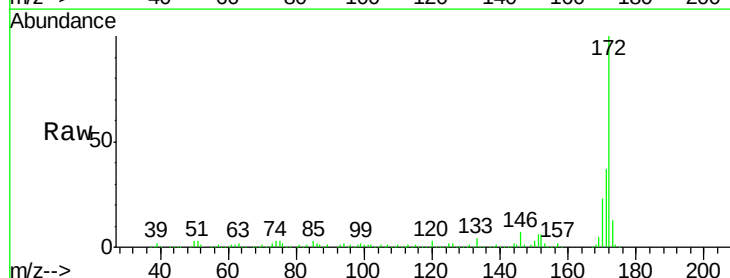
Tgt Ion:172 Resp: 720613

Ion Ratio Lower Upper

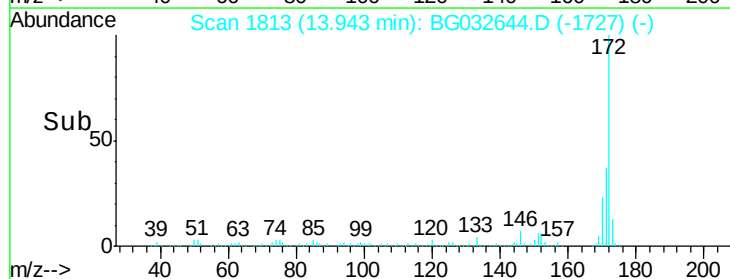
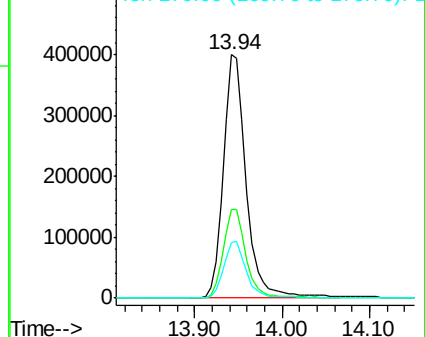
172 100

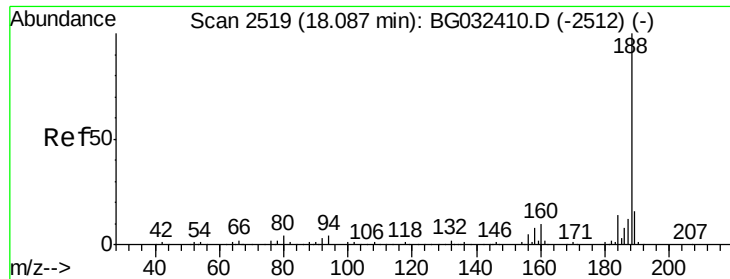
171 36.5 30.0 45.0

170 22.7 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

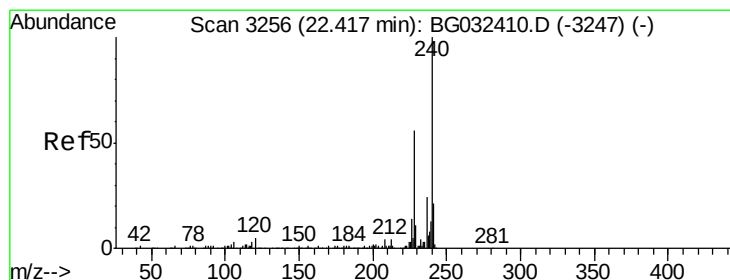
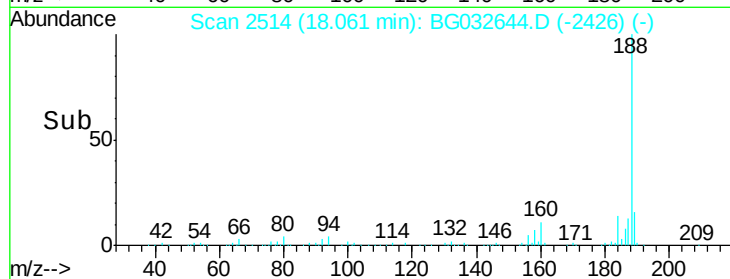
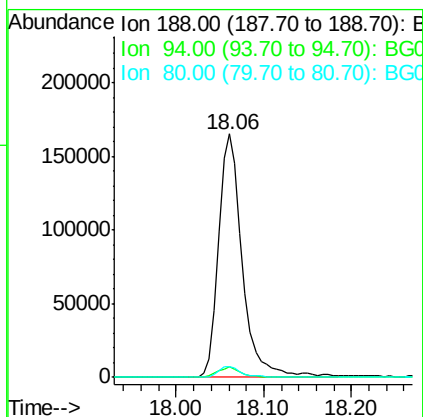
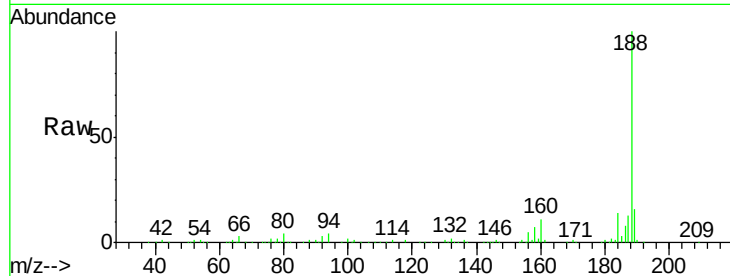




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG032644.D
Acq: 9 Feb 2018 23:20

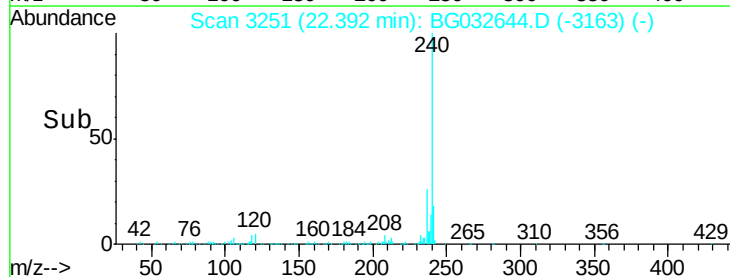
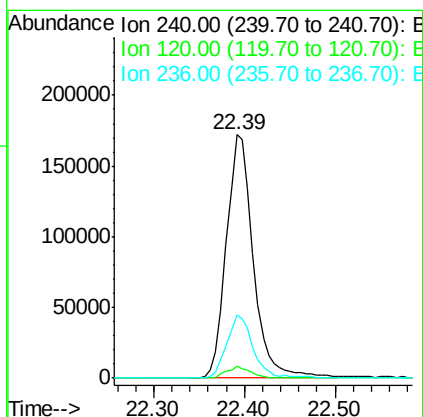
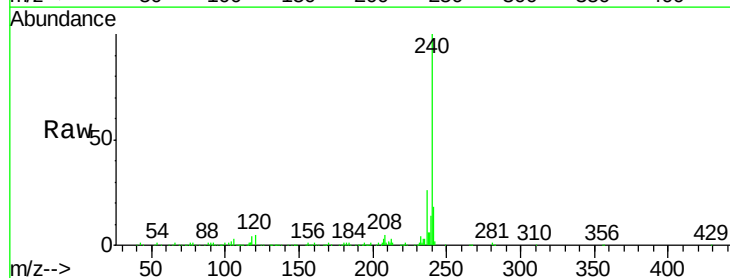
Instrument :
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PB106437TB

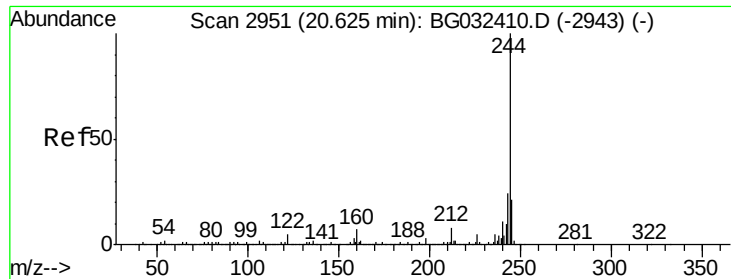
Tot Ion:188 Resp: 309880
Ion Ratio Lower Upper
188 100
94 4.4 6.9 10.3#
80 4.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032644.D
Acq: 9 Feb 2018 23:20

Tgt Ion:240 Resp: 357064
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 83.181 ng

RT: 20.61 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032644.D

Acq: 9 Feb 2018 23:20

Instrument :

BNA_G

ClientSampleId :

PB106437TB

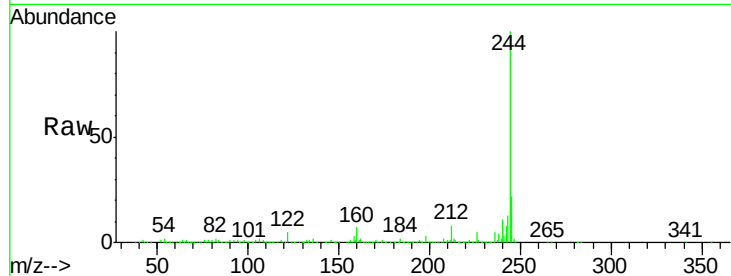
Tot Ion:244 Resp: 1386538

Ion Ratio Lower Upper

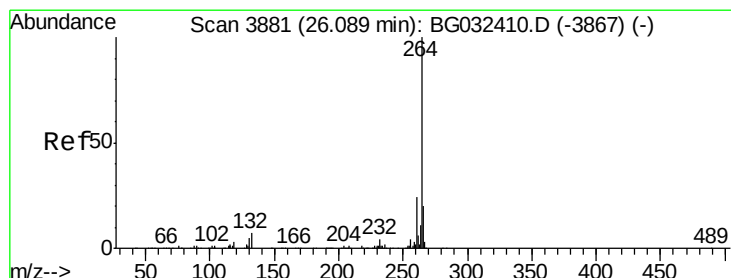
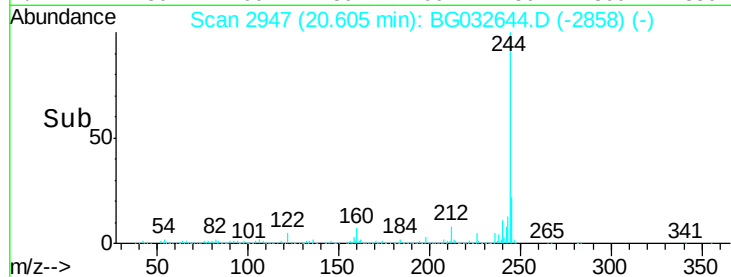
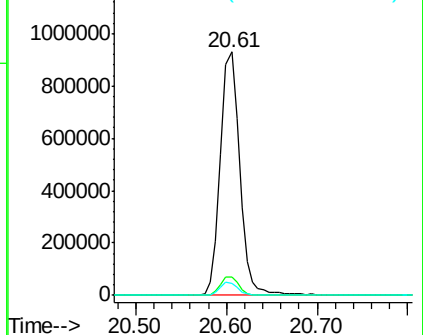
244 100

212 7.8 5.8 8.8

122 5.0 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: BG032644.D

Acq: 9 Feb 2018 23:20

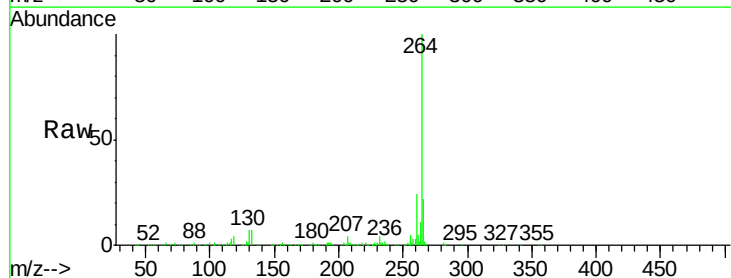
Tgt Ion:264 Resp: 363026

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.4 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

