

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032624.D
 Acq On : 8 Feb 2018 23:42
 Operator : SJ/JU
 Sample : PB106402TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106402TB

Quant Time: Feb 09 03:44:11 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	30574	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	129185	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	102863	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	276511	20.00	ng	-0.02
75) Chrysene-d12	22.40	240	335525	20.00	ng	-0.01
86) Perylene-d12	26.07	264	335985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	244070	160.34	ng	-0.02
7) Phenol-d6	7.80	99	311722	153.46	ng	-0.02
23) Nitrobenzene-d5	9.88	82	193689	93.65	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	229871	117.40	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	720959	83.31	ng	-0.02
78) Terphenyl-d14	20.60	244	1363999	87.08	ng	-0.01

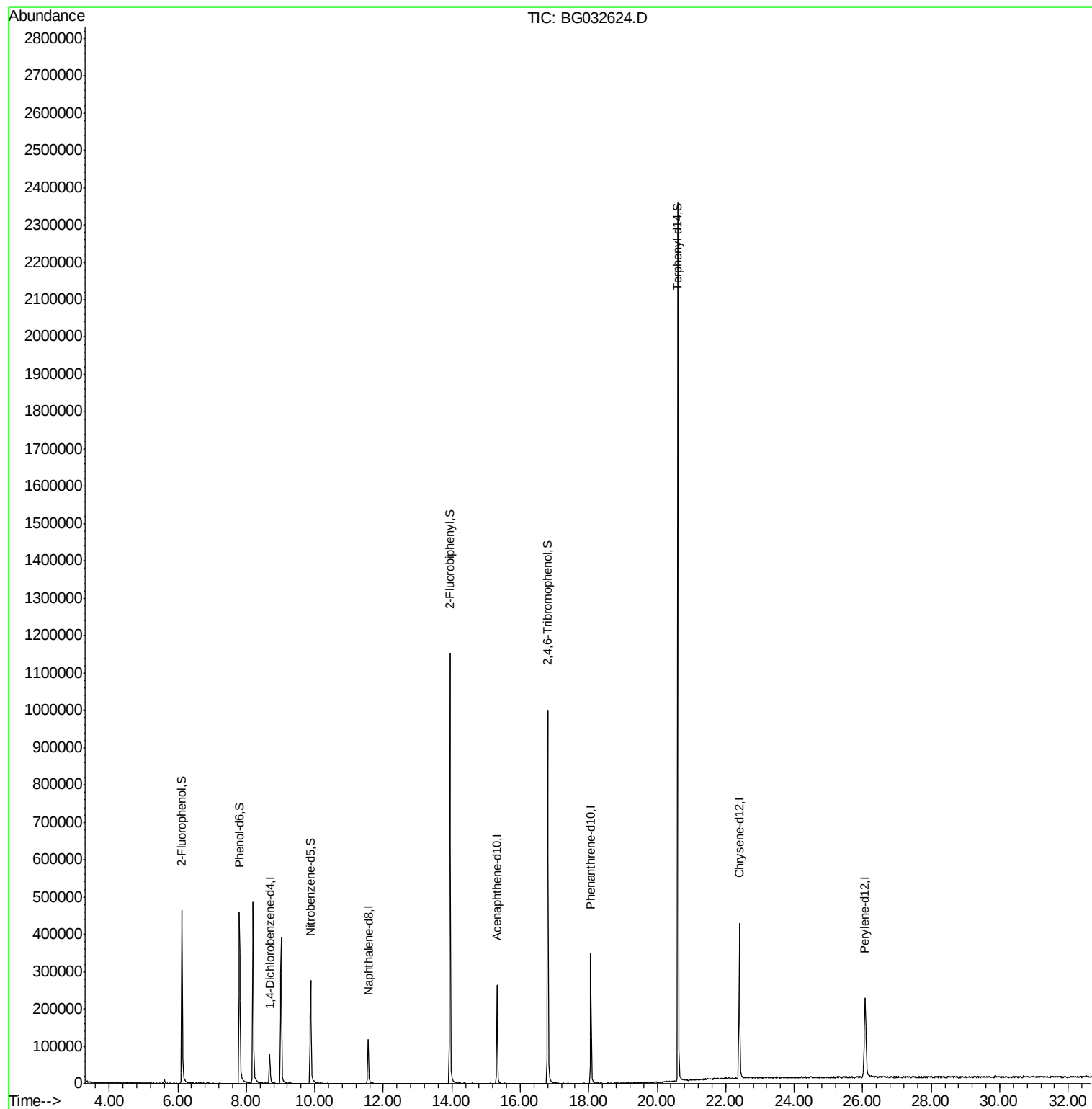
Target Compounds Qvalue

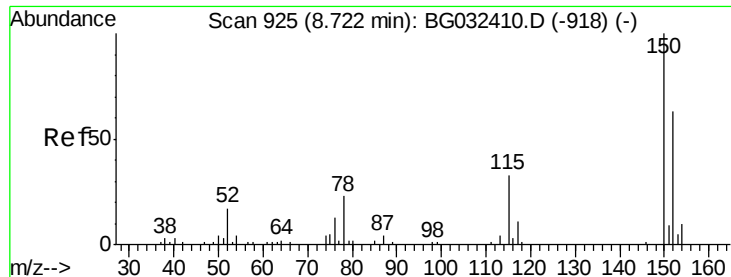
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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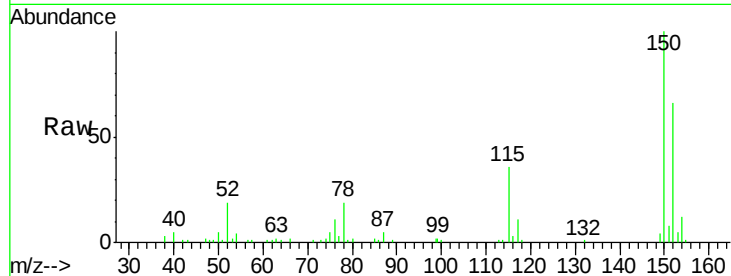


#1

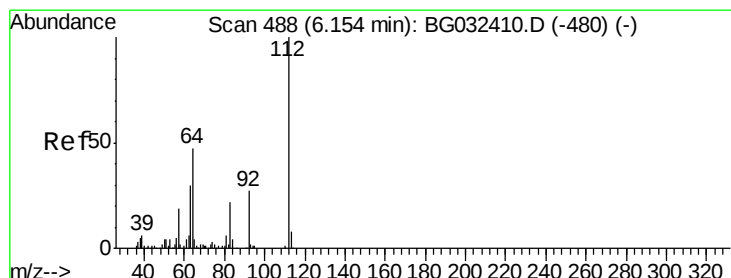
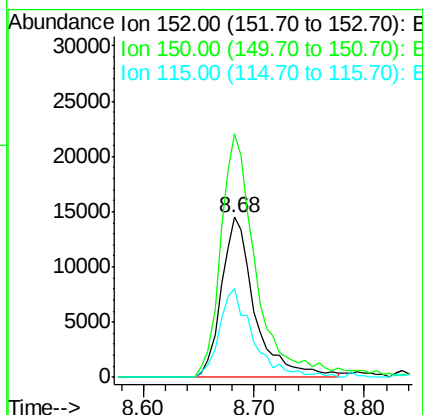
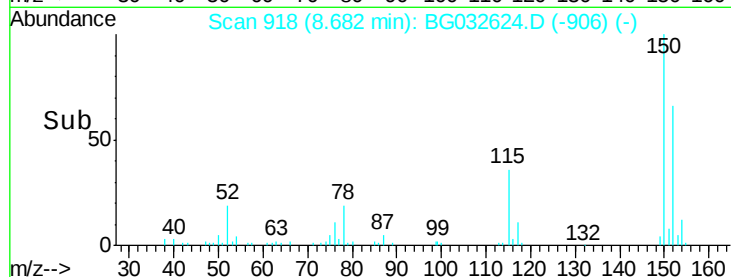
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032624.D
Acq: 8 Feb 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB106402TB

Tot Ion:152 Resp: 30574
Ion Ratio Lower Upper
152 100
150 152.1 126.6 189.8
115 55.3 53.0 79.4



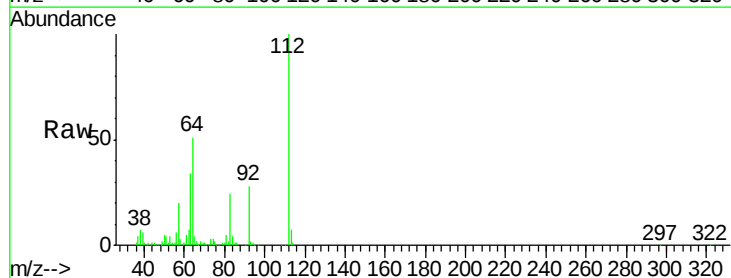
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



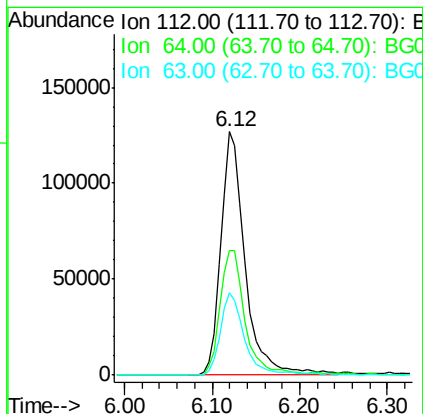
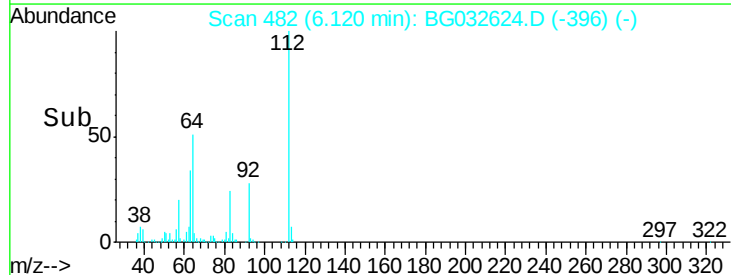
#5

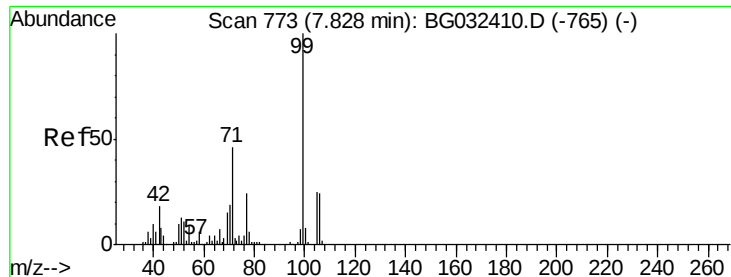
2-Fluorophenol
Concen: 160.342 ng
RT: 6.12 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG032624.D
Acq: 8 Feb 2018 23:42

Tgt Ion:112 Resp: 244070
Ion Ratio Lower Upper
112 100
64 51.4 56.3 84.5#
63 33.7 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: 153.465 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032624.D

Acq: 8 Feb 2018 23:42

Instrument :

BNA_G

ClientSampleId :

PB106402TB

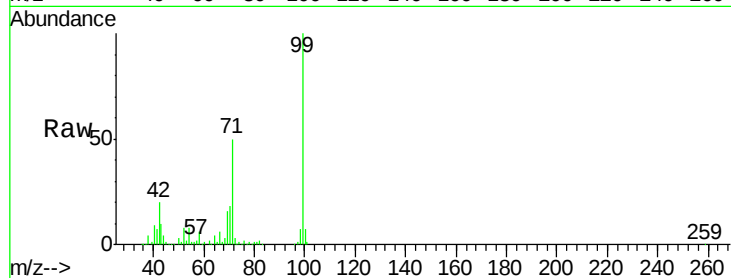
Tot Ion: 99 Resp: 311722

Ion Ratio Lower Upper

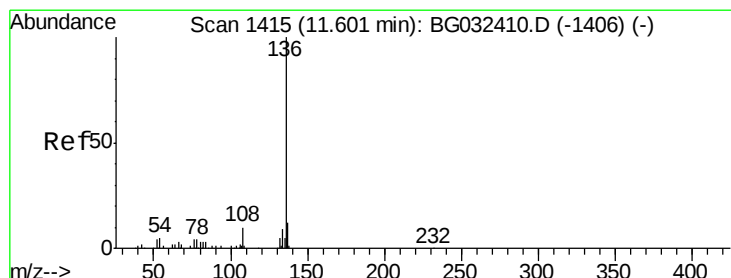
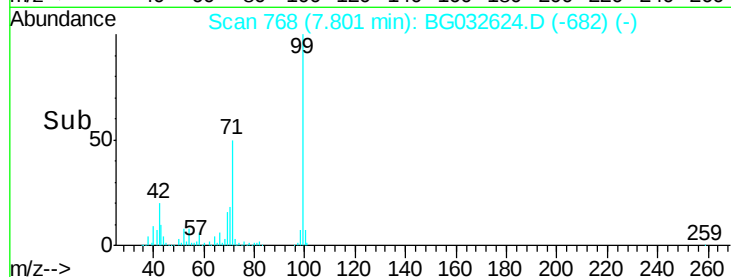
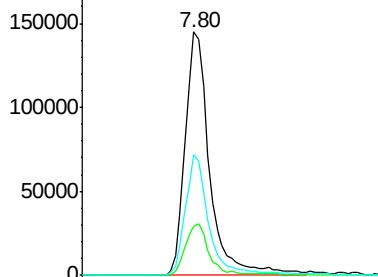
99 100

42 20.0 14.1 21.1

71 49.8 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# 1408

Delta R.T. -0.02 min

Lab File: BG032624.D

Acq: 8 Feb 2018 23:42

Tgt Ion: 136 Resp: 129185

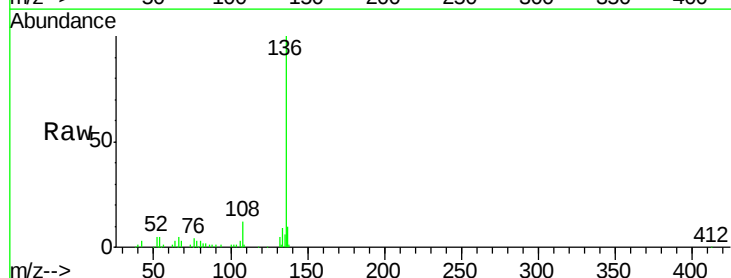
Ion Ratio Lower Upper

136 100

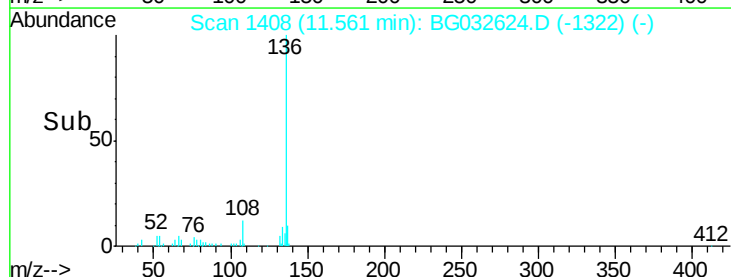
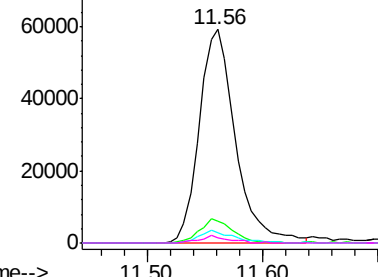
137 10.0 9.2 13.8

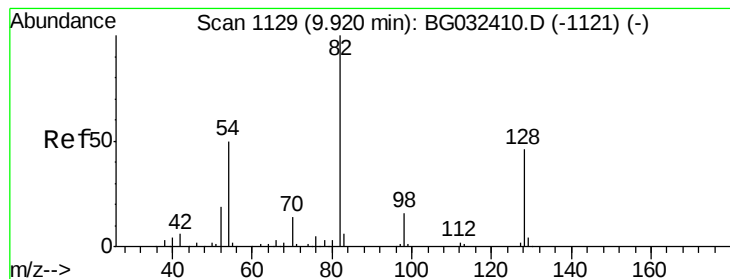
54 4.8 10.3 15.5#

68 2.6 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: 93.648 ng

RT: 9.88 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BG032624.D

Acq: 8 Feb 2018 23:42

Instrument :

BNA_G

ClientSampleId :

PB106402TB

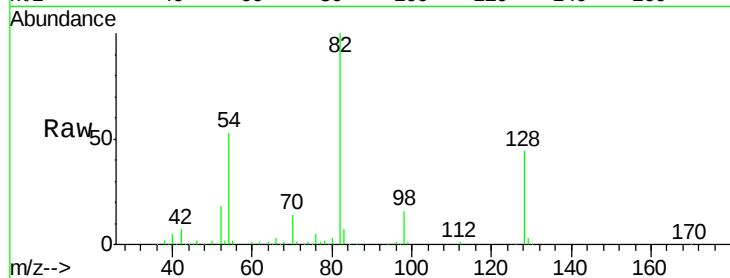
Tot Ion: 82 Resp: 193689

Ion Ratio Lower Upper

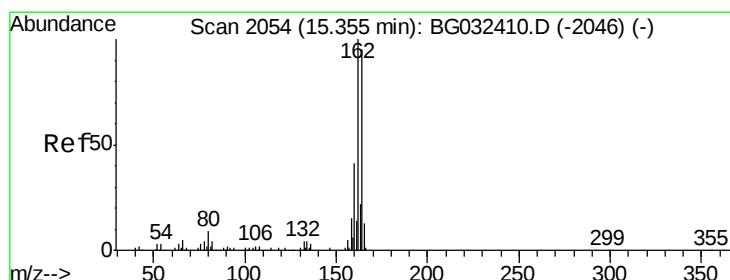
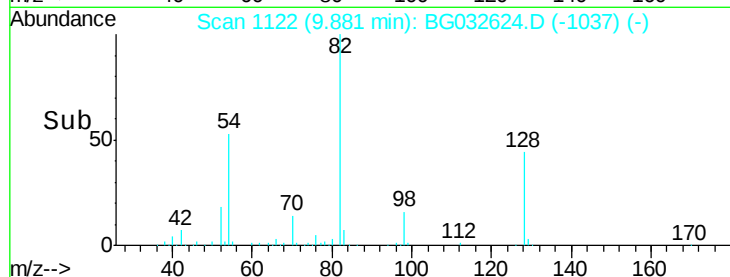
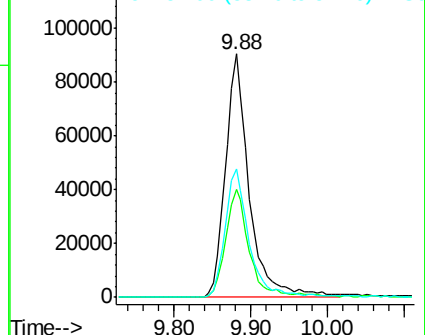
82 100

128 44.3 29.7 44.5

54 52.9 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: BG032624.D

Acq: 8 Feb 2018 23:42

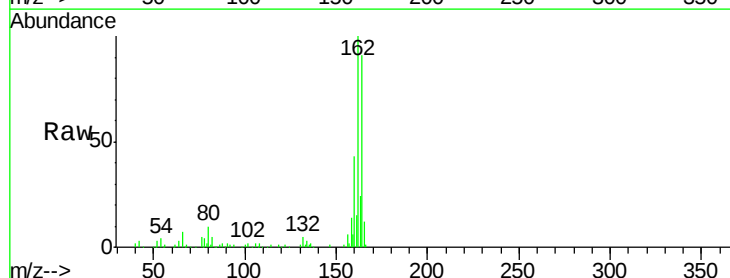
Tgt Ion: 164 Resp: 102863

Ion Ratio Lower Upper

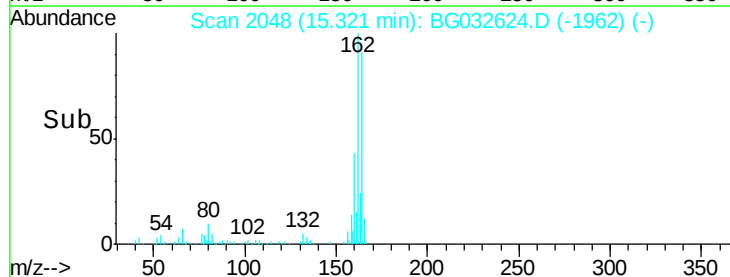
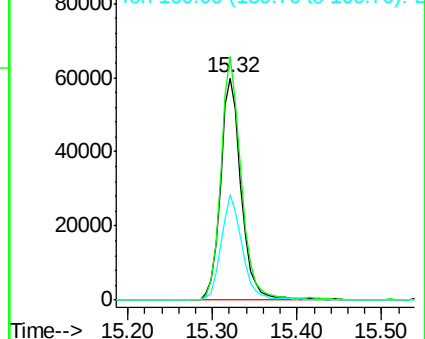
164 100

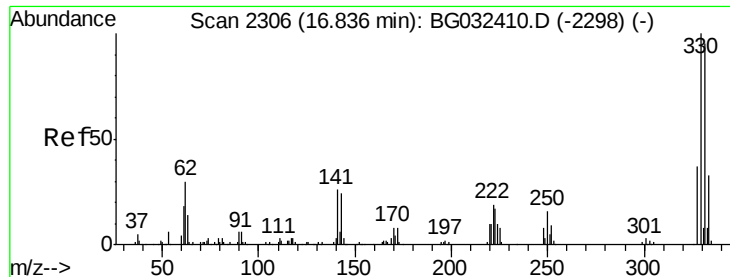
162 109.7 78.8 118.2

160 47.5 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: 117.401 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BG032624.D

Acq: 8 Feb 2018 23:42

Instrument :

BNA_G

ClientSampleId :

PB106402TB

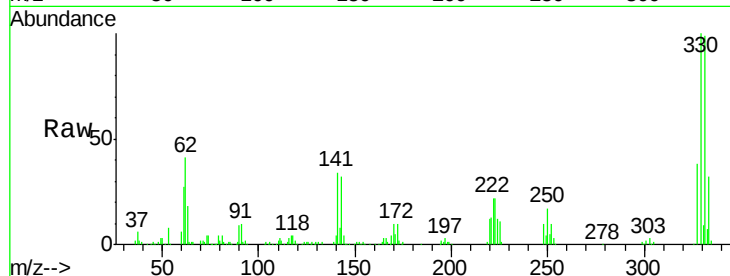
Tot Ion:330 Resp: 229871

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

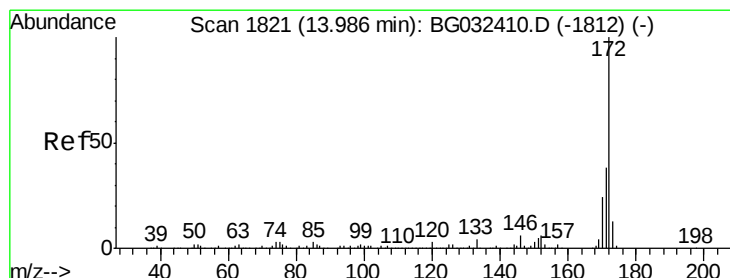
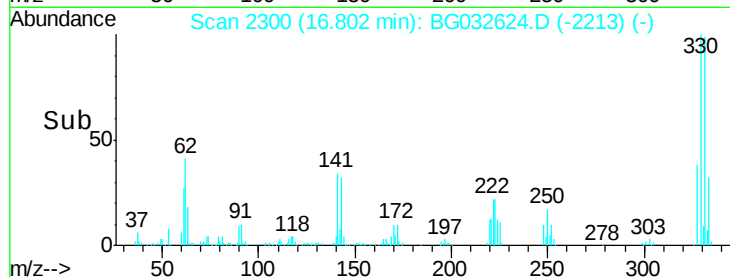
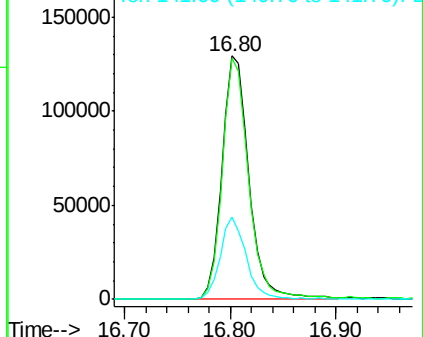
141 32.3 25.2 37.8



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: 83.306 ng

RT: 13.95 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BG032624.D

Acq: 8 Feb 2018 23:42

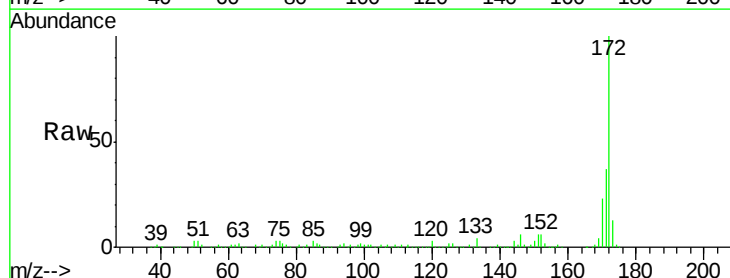
Tgt Ion:172 Resp: 720959

Ion Ratio Lower Upper

172 100

171 37.4 30.0 45.0

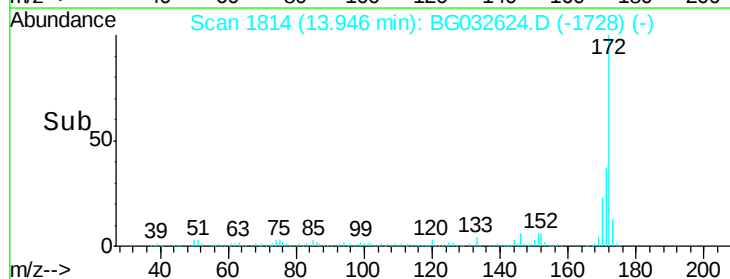
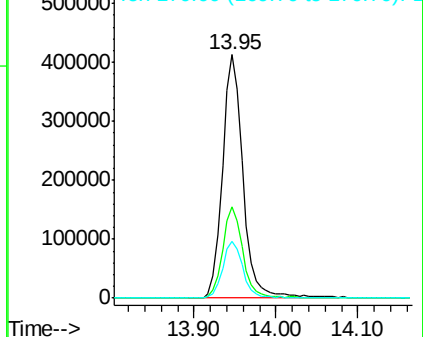
170 23.1 19.5 29.3

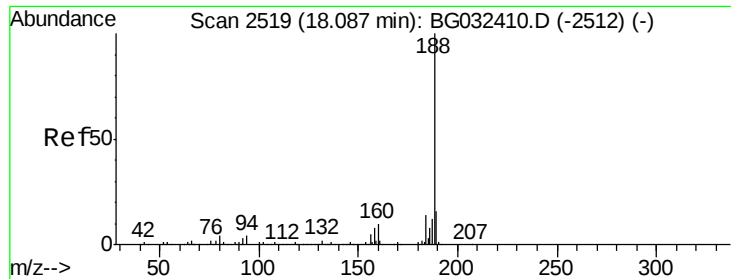


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

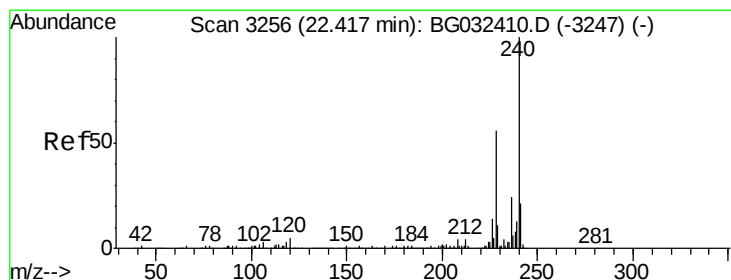
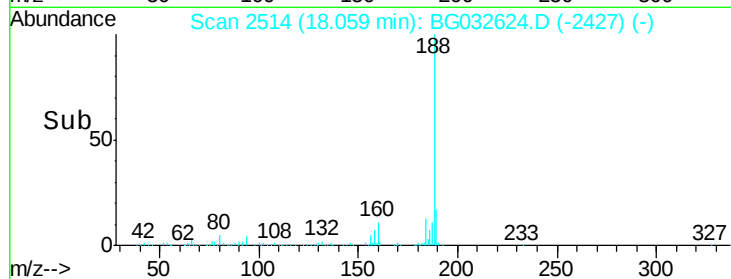
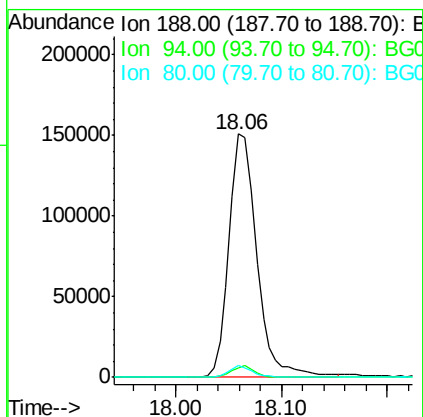
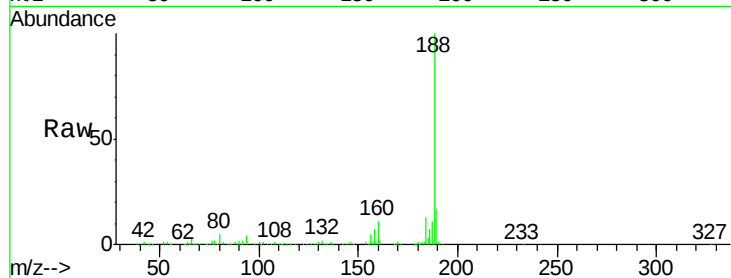




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032624.D
Acq: 8 Feb 2018 23:42

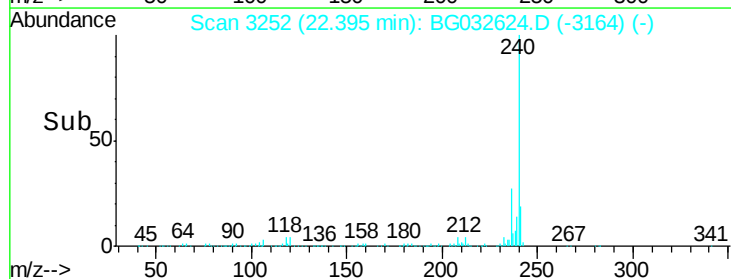
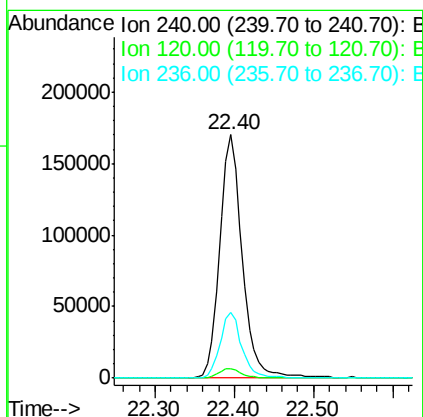
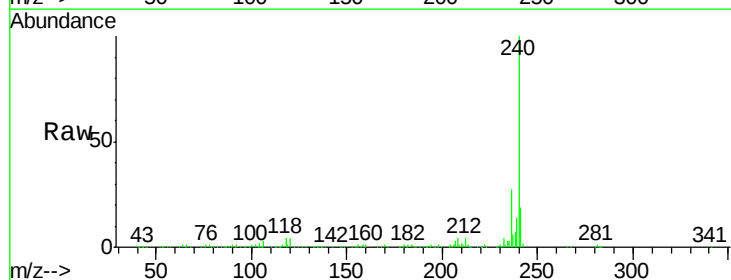
Instrument :
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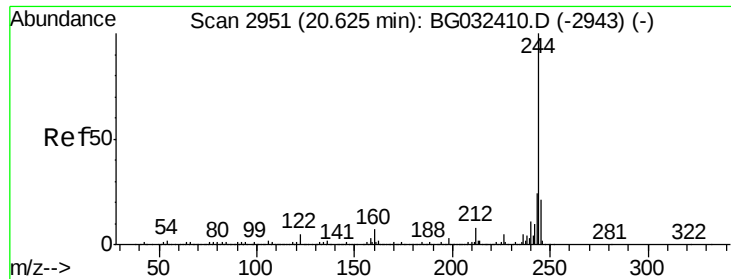
Tot Ion:188 Resp: 276511
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032624.D
Acq: 8 Feb 2018 23:42

Tgt Ion:240 Resp: 335525
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 87.081 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032624.D

Acq: 8 Feb 2018 23:42

Instrument :

BNA_G

ClientSampleId :

PB106402TB

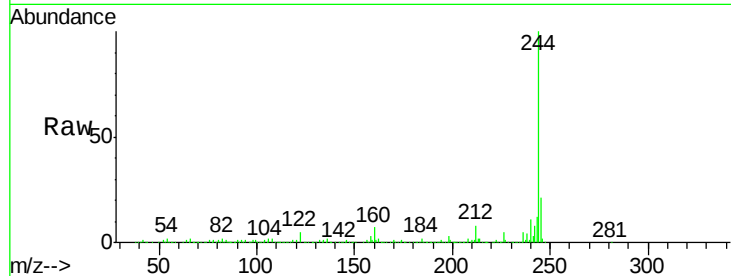
Tot Ion:244 Resp: 1363999

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.4	7.0	10.4

244 100

212 7.9 5.8 8.8

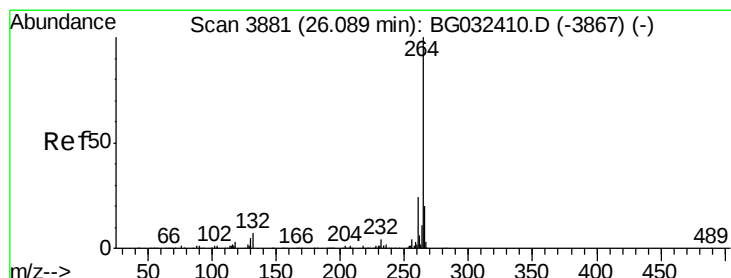
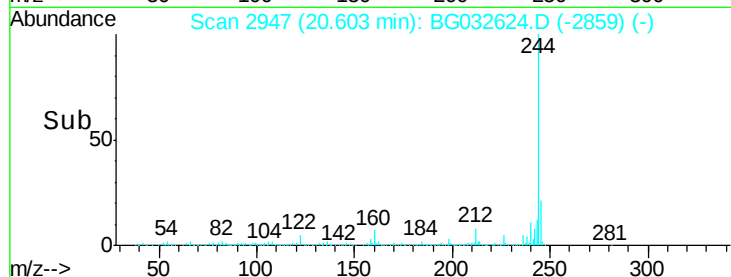
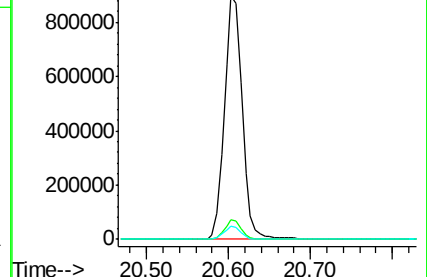
122 5.4 7.0 10.4



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: 26.07 min Scan# 3877

Delta R.T. 0.00 min

Lab File: BG032624.D

Acq: 8 Feb 2018 23:42

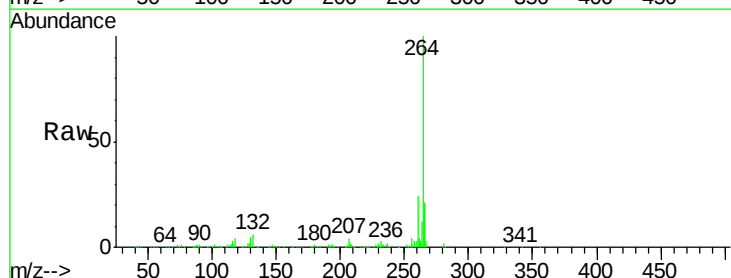
Tgt Ion:264 Resp: 335985

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.3	17.7	26.5

264 100

260 23.7 17.4 26.0

265 21.3 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

