

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032731.D
 Acq On : 16 Feb 2018 2:05
 Operator : SJ/JU
 Sample : PB106582TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106582TB

Quant Time: Feb 16 03:25:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	20027	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	74852	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	51970	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	144652	20.00	ng	-0.04
75) Chrysene-d12	22.32	240	202973	20.00	ng	-0.05
86) Perylene-d12	25.94	264	229154	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	140241	140.50	ng	-0.04
7) Phenol-d6	7.75	99	160601	117.66	ng	-0.04
23) Nitrobenzene-d5	9.83	82	99592	84.56	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	152837	190.99	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	372132	89.54	ng	-0.04
78) Terphenyl-d14	20.56	244	891355	100.09	ng	-0.03

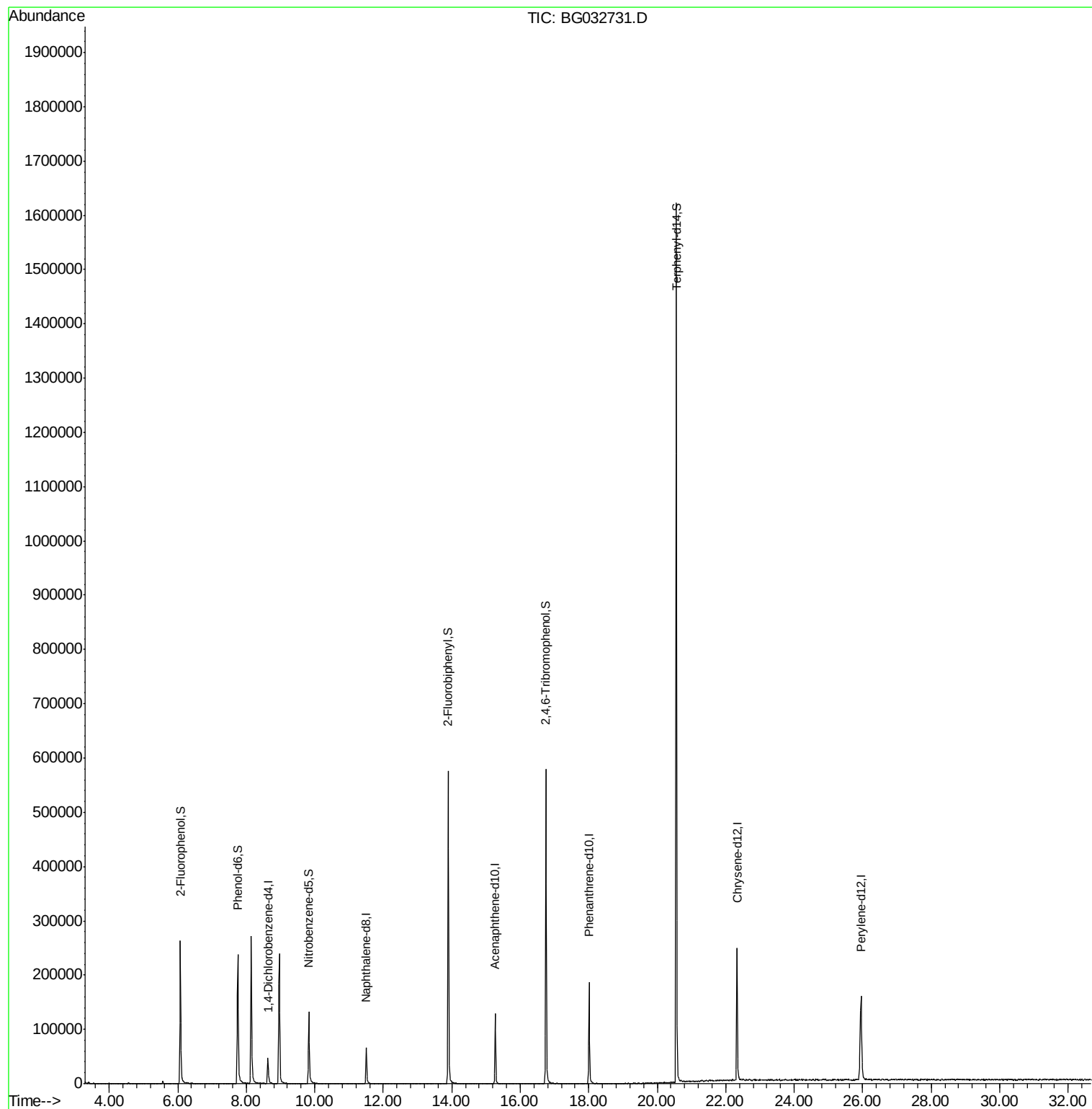
Target Compounds Qvalue

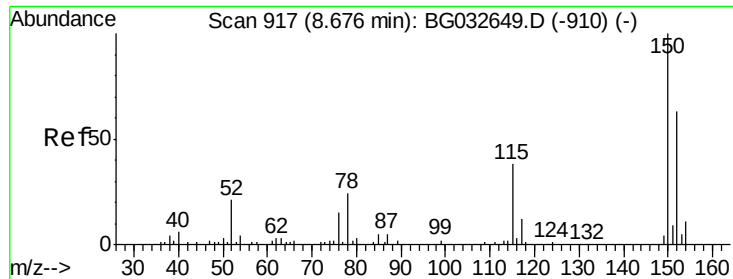
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 12 18:08:01 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.05 min

Lab File: BG032731.D

Acq: 16 Feb 2018 2:05

Instrument :

BNA_G

ClientSampleId :

PB106582TB

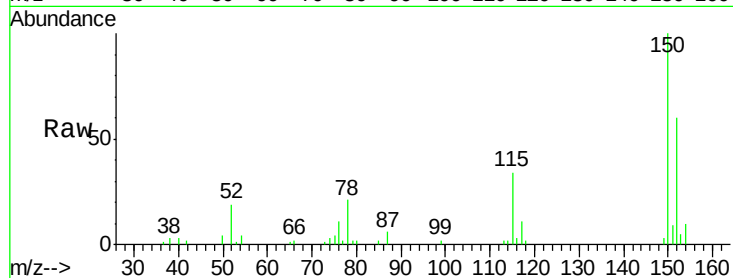
Tot Ion:152 Resp: 20027

Ion Ratio Lower Upper

152 100

150 165.3 126.6 189.8

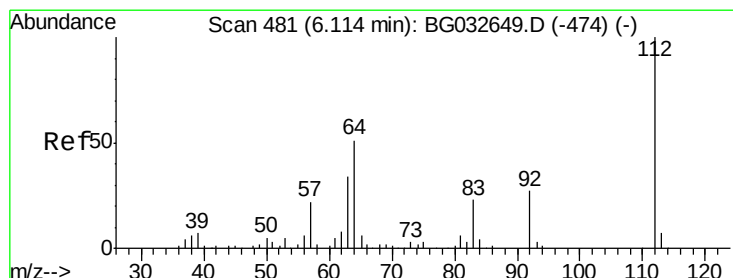
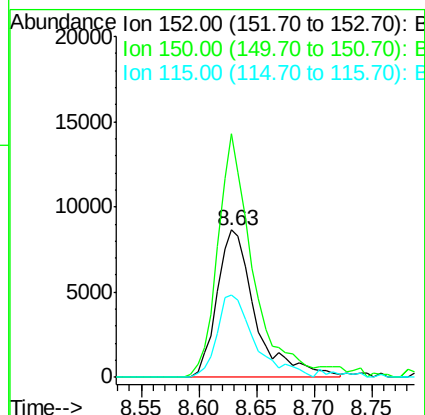
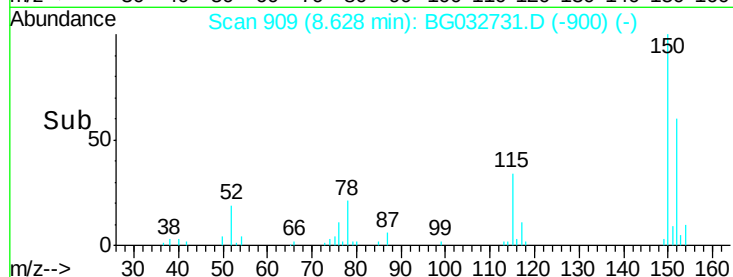
115 55.6 53.0 79.4



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: 140.497 ng

RT: 6.07 min Scan# 474

Delta R.T. -0.04 min

Lab File: BG032731.D

Acq: 16 Feb 2018 2:05

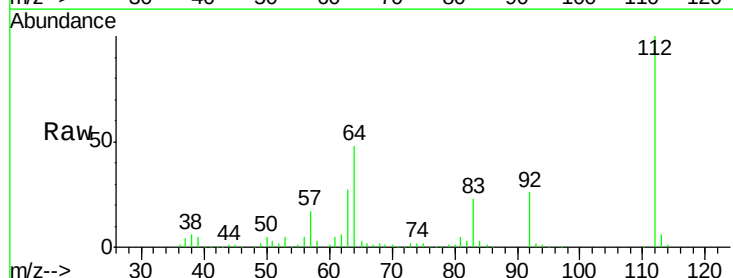
Tgt Ion:112 Resp: 140241

Ion Ratio Lower Upper

112 100

64 48.2 56.3 84.5#

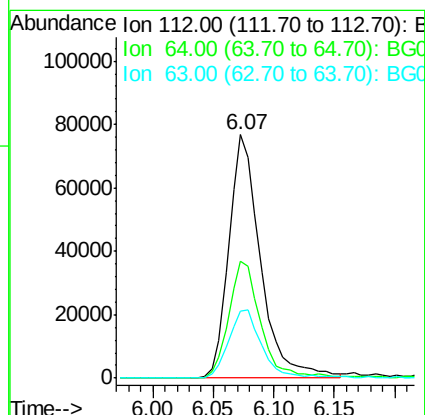
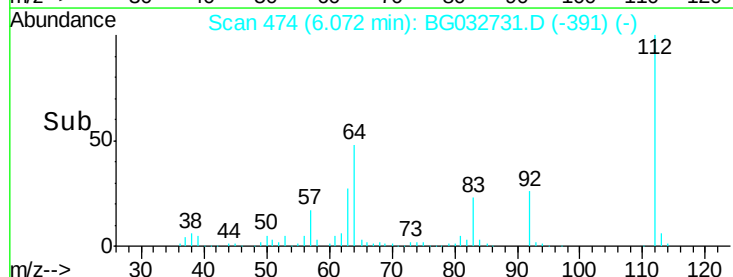
63 27.3 30.1 45.1#

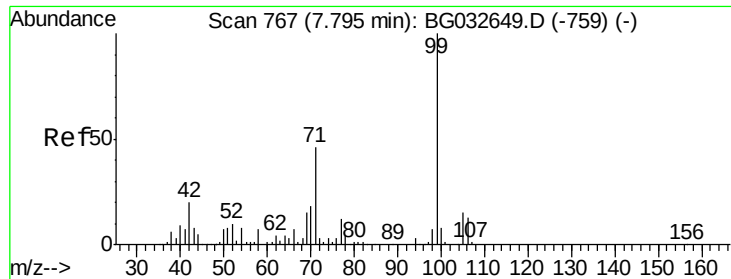


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.665 ng

RT: 7.75 min Scan# 760

Delta R.T. -0.04 min

Lab File: BG032731.D

Acq: 16 Feb 2018 2:05

Instrument :

BNA_G

ClientSampled :

PB106582TB

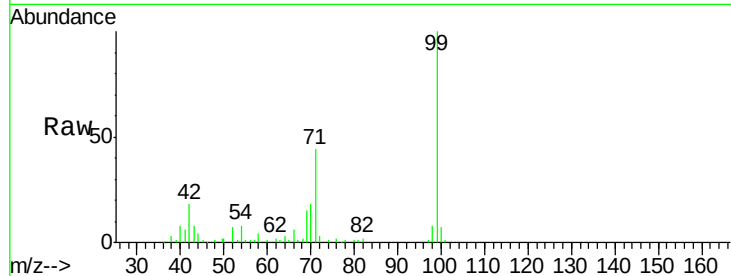
Tot Ion: 99 Resp: 160601

Ion Ratio Lower Upper

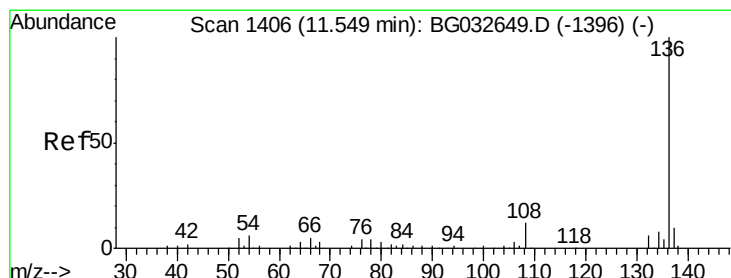
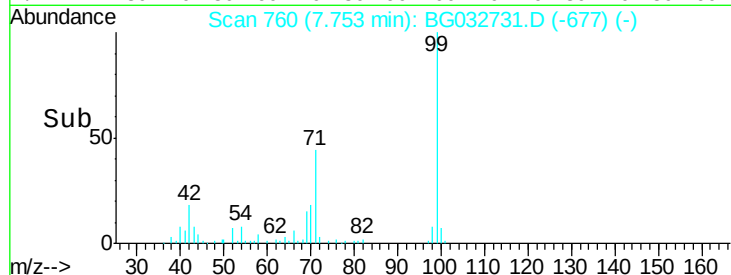
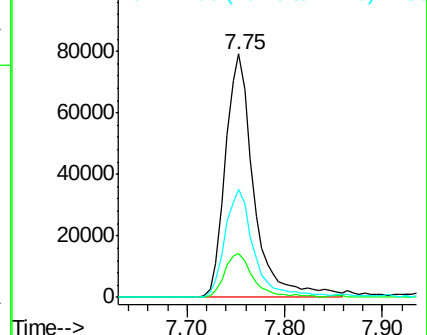
99 100

42 18.0 14.1 21.1

71 44.3 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: 11.50 min Scan# 1398

Delta R.T. -0.05 min

Lab File: BG032731.D

Acq: 16 Feb 2018 2:05

Tgt Ion: 136 Resp: 74852

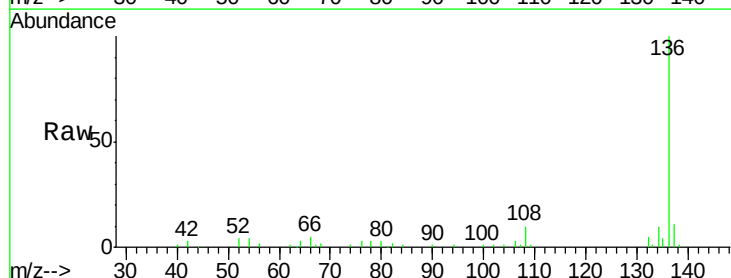
Ion Ratio Lower Upper

136 100

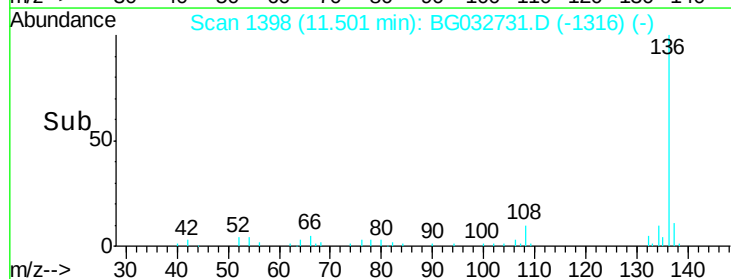
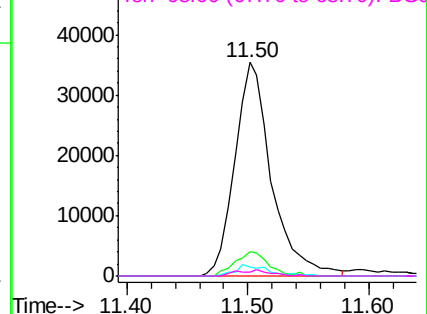
137 11.3 9.2 13.8

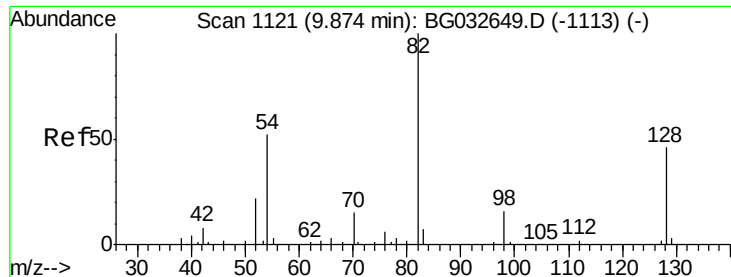
54 4.4 10.3 15.5#

68 1.6 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: 84.561 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.05 min

Lab File: BG032731.D

Acq: 16 Feb 2018 2:05

Instrument :

BNA_G

ClientSampleId :

PB106582TB

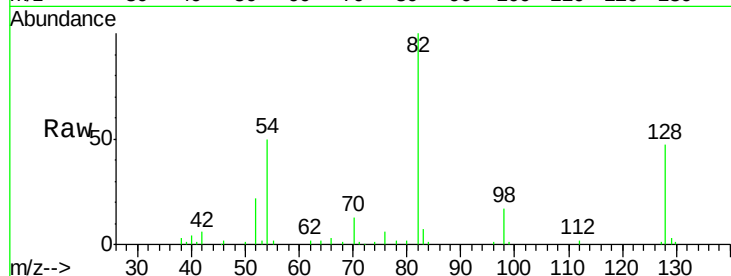
Tot Ion: 82 Resp: 99592

Ion Ratio Lower Upper

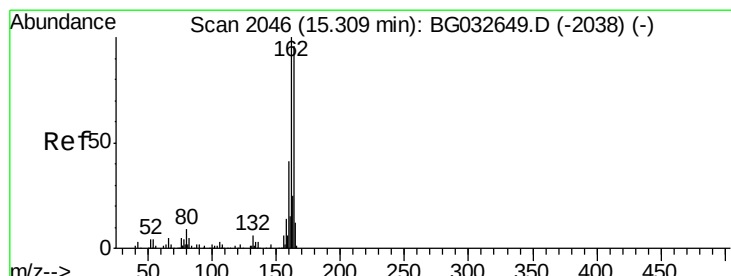
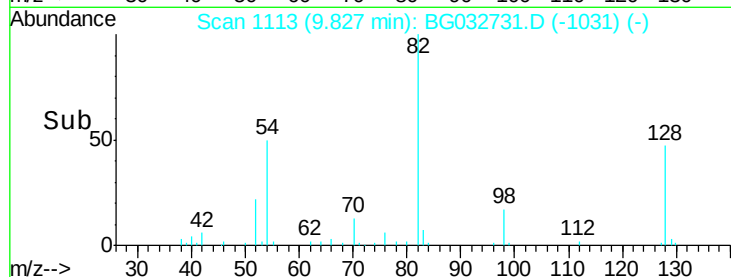
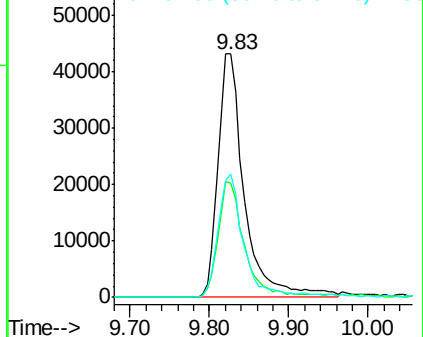
82 100

128 47.0 29.7 44.5#

54 50.4 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: 15.27 min Scan# 2040

Delta R.T. -0.04 min

Lab File: BG032731.D

Acq: 16 Feb 2018 2:05

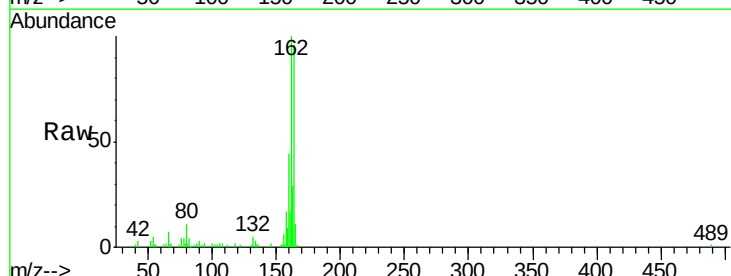
Tgt Ion: 164 Resp: 51970

Ion Ratio Lower Upper

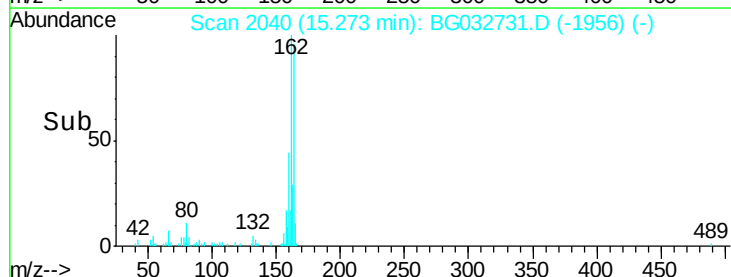
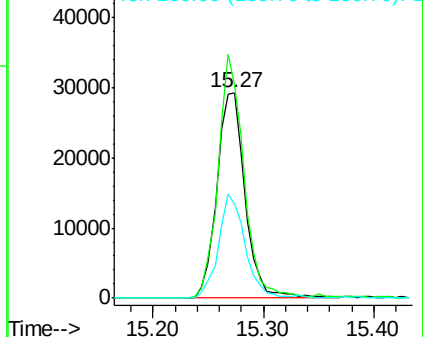
164 100

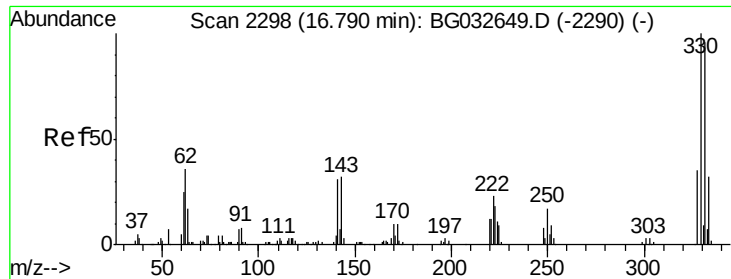
162 103.7 78.8 118.2

160 45.9 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

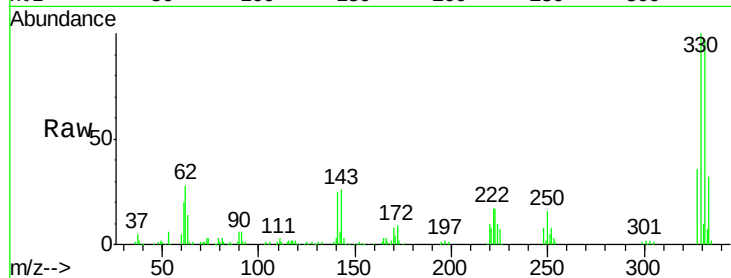




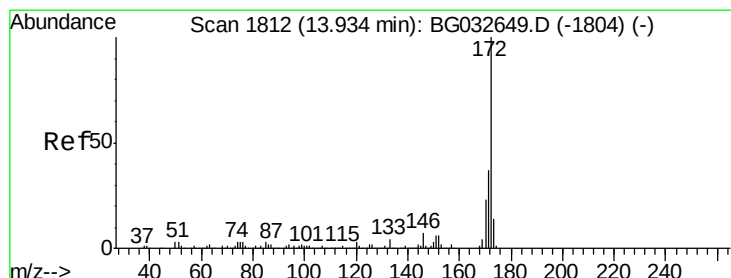
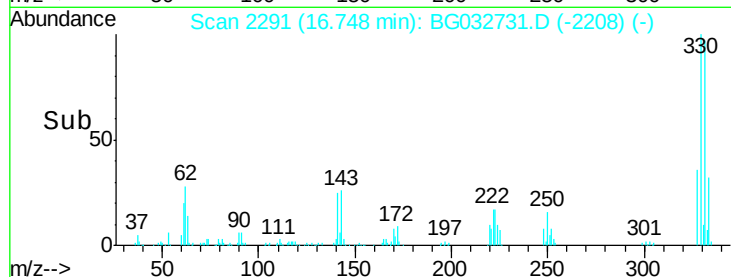
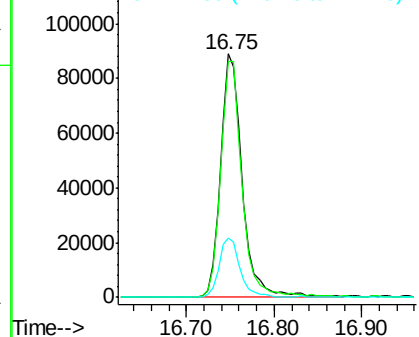
#41
 2,4,6-Tribromophenol
 Concen: 190.992 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.04 min
 Lab File: BG032731.D
 Acq: 16 Feb 2018 2:05

Instrument :
 BNA_G
 ClientSampleId :
 PB106582TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	23.8	25.2	37.8#

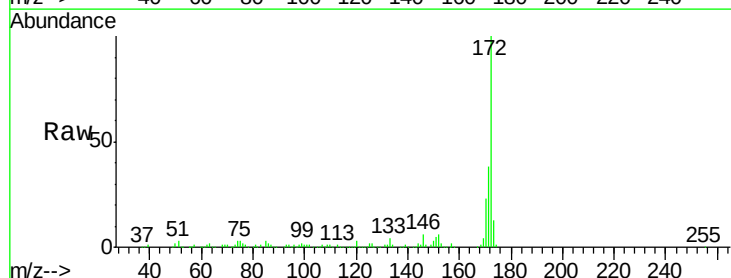


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

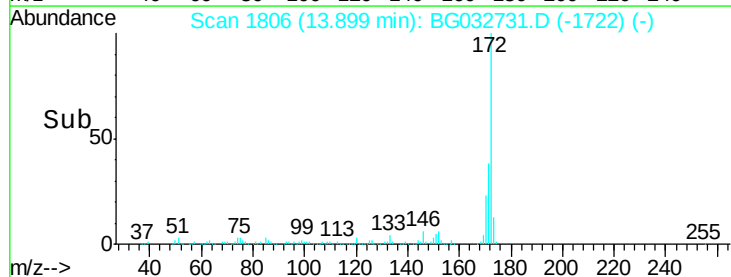
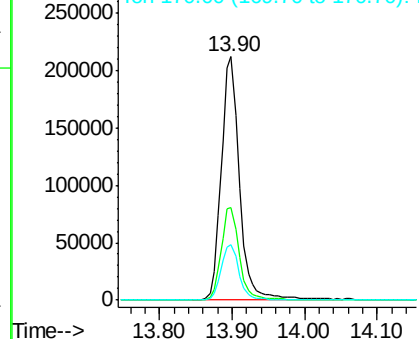


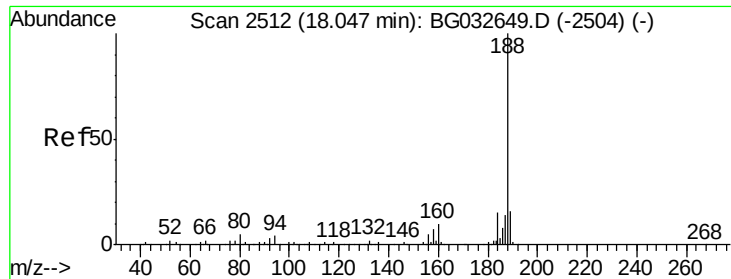
#44
 2-Fluorobiphenyl
 Concen: 89.544 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.04 min
 Lab File: BG032731.D
 Acq: 16 Feb 2018 2:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	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

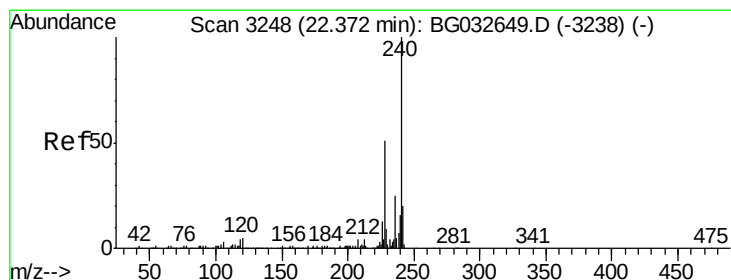
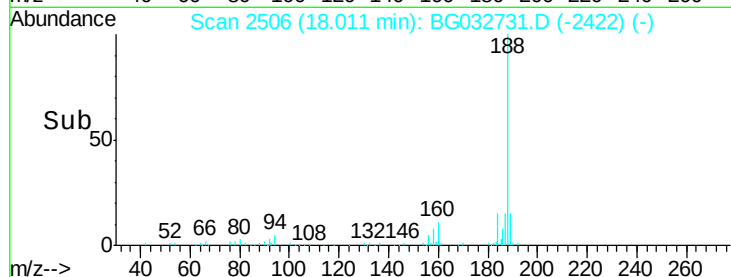
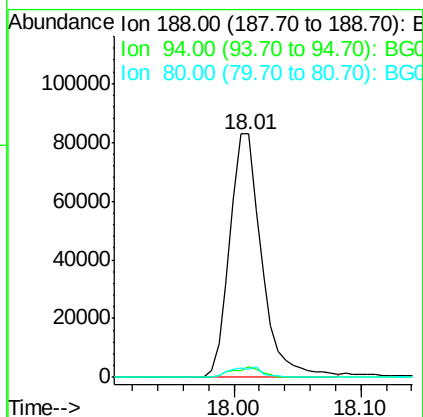
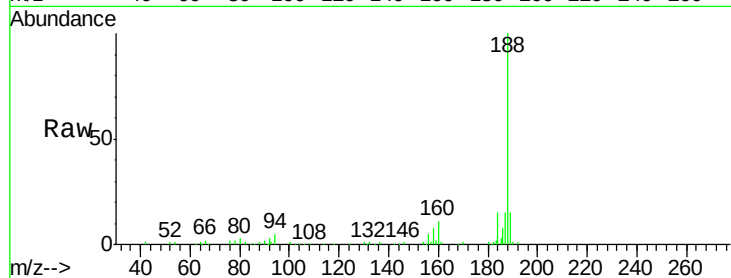




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.01 min Scan# 2506
Delta R.T. -0.04 min
Lab File: BG032731.D
Acq: 16 Feb 2018 2:05

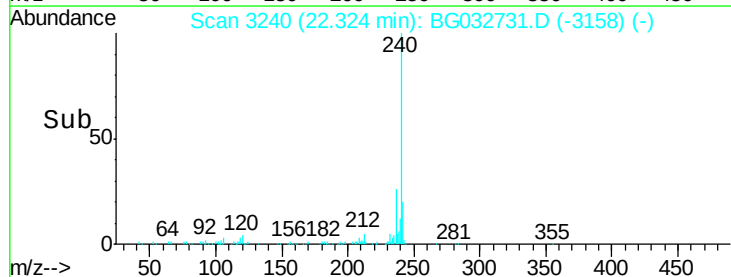
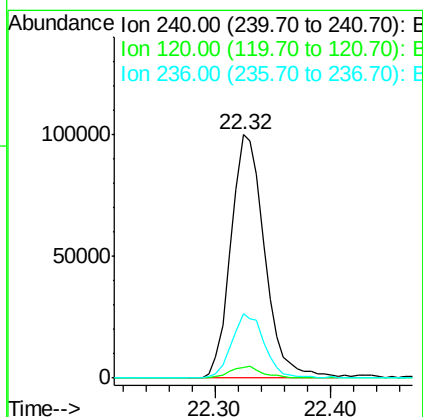
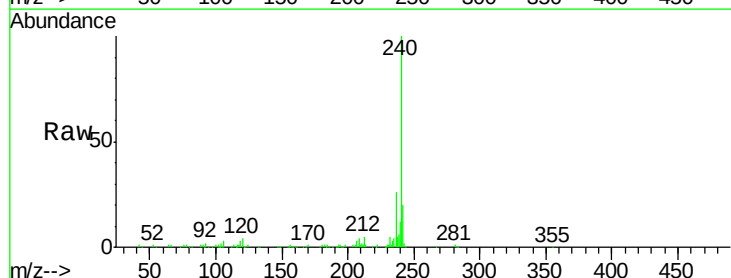
Instrument :
BNA_G
ClientSampleId :
PB106582TB

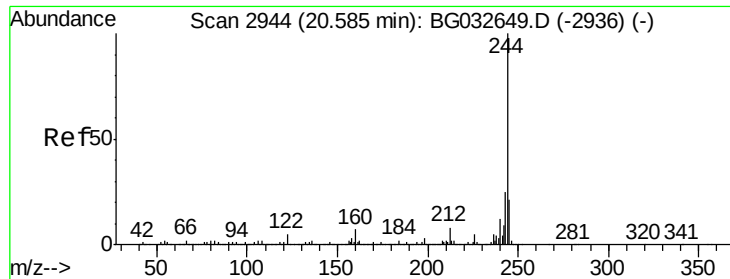
Tot Ion:188 Resp: 144652
Ion Ratio Lower Upper
188 100
94 4.6 6.9 10.3#
80 3.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.32 min Scan# 3240
Delta R.T. -0.05 min
Lab File: BG032731.D
Acq: 16 Feb 2018 2:05

Tgt Ion:240 Resp: 202973
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 100.091 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032731.D

Acq: 16 Feb 2018 2:05

Instrument :

BNA_G

ClientSampleId :

PB106582TB

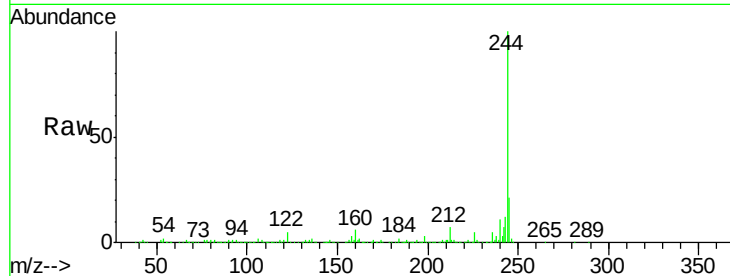
Tot Ion:244 Resp: 891355

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

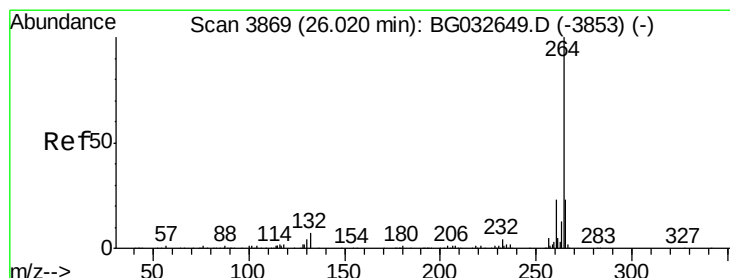
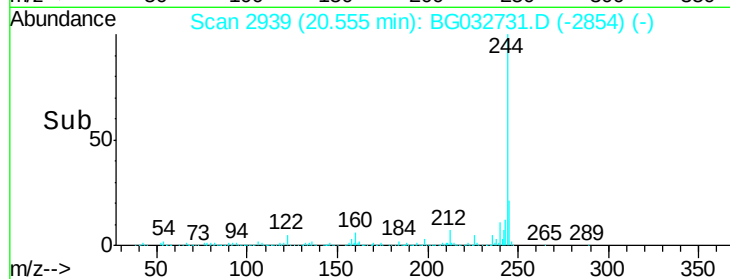
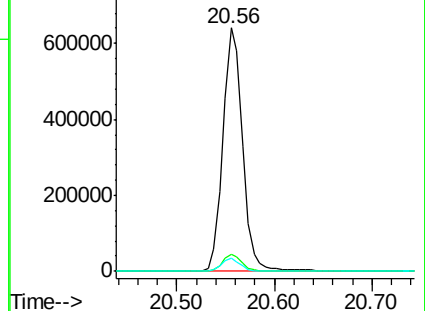
122 5.5 7.0 10.4#



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: 25.94 min Scan# 3856

Delta R.T. -0.08 min

Lab File: BG032731.D

Acq: 16 Feb 2018 2:05

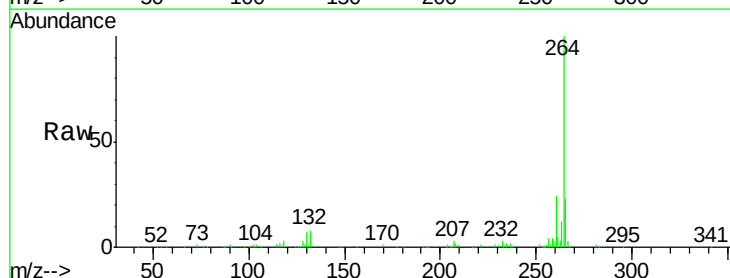
Tgt Ion:264 Resp: 229154

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 22.9 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

