

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032964.D
 Acq On : 3 Mar 2018 3:35
 Operator : SJ/JU
 Sample : PB107023TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107023TB

Quant Time: Mar 03 04:47:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.94	152	55436	20.00	ng	0.02
21) Naphthalene-d8	11.81	136	242974	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	139065	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	328241	20.00	ng	0.00
75) Chrysene-d12	22.62	240	314384	20.00	ng	0.00
86) Perylene-d12	26.44	264	306860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.35	112	359093	103.63	ng	0.02
7) Phenol-d6	8.03	99	475649	98.48	ng	0.00
23) Nitrobenzene-d5	10.13	82	271789	78.49	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	139863	95.65	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	617484	64.04	ng	0.00
78) Terphenyl-d14	20.78	244	948322	67.77	ng	0.00

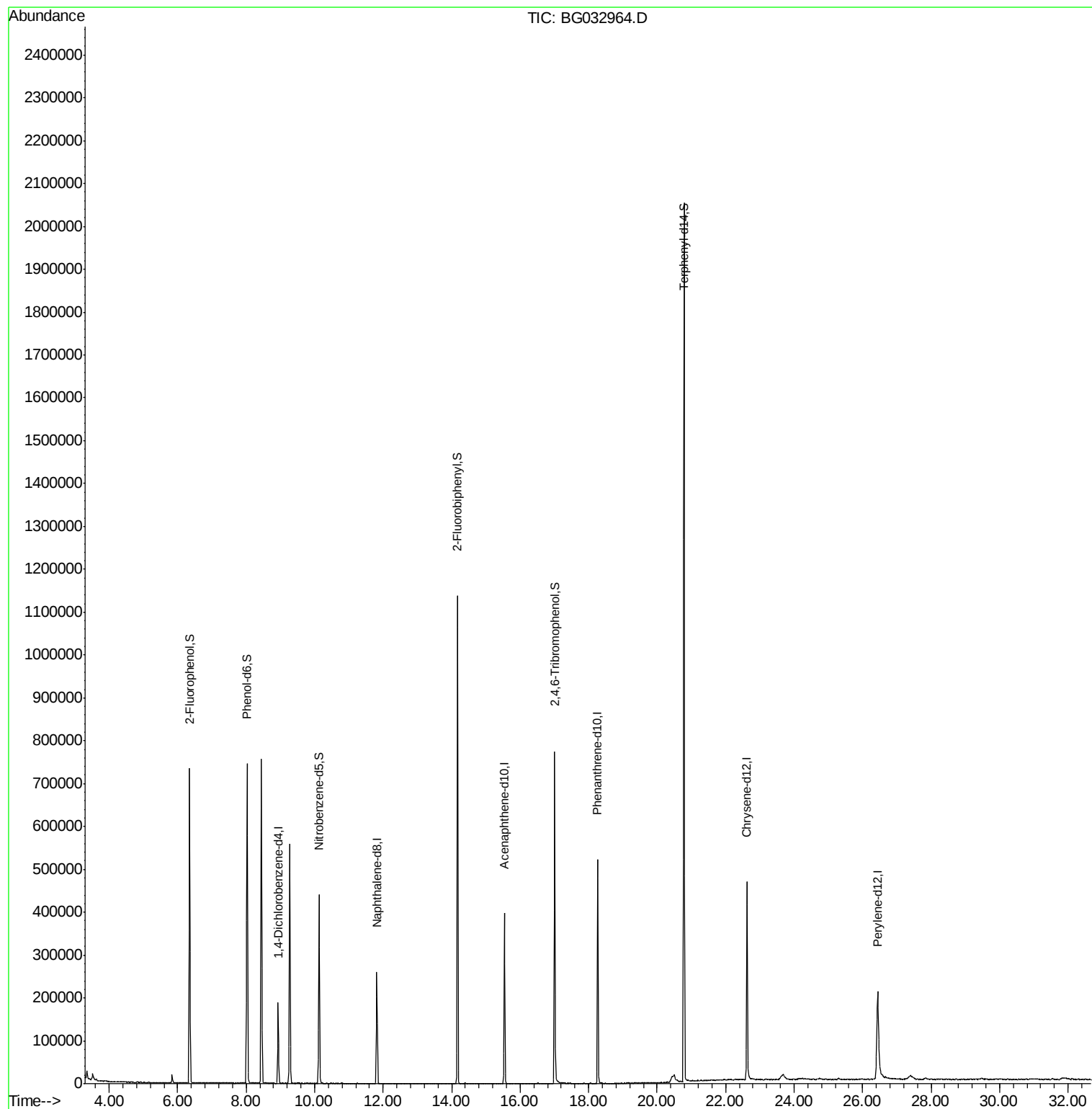
Target Compounds Qvalue

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

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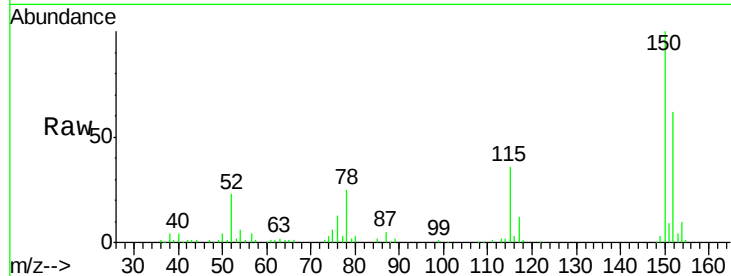


#1

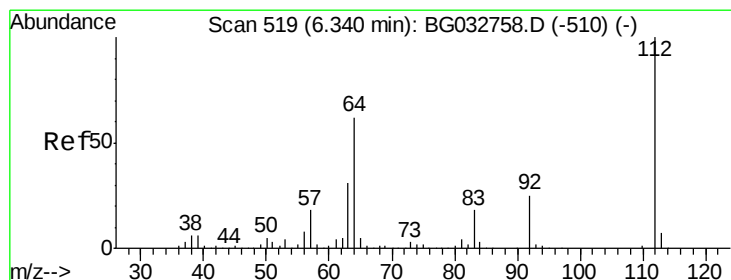
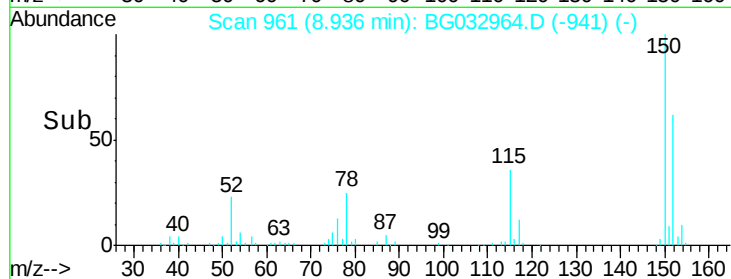
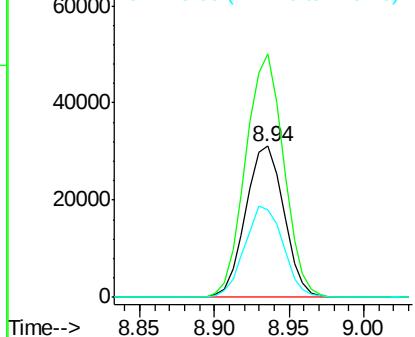
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.94 min Scan# 961
Delta R.T. 0.02 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Instrument :
BNA_G
ClientSampleId :
PB107023TB

Tot Ion:152 Resp: 55436
Ion Ratio Lower Upper
152 100
150 161.3 126.6 189.8
115 58.1 53.0 79.4



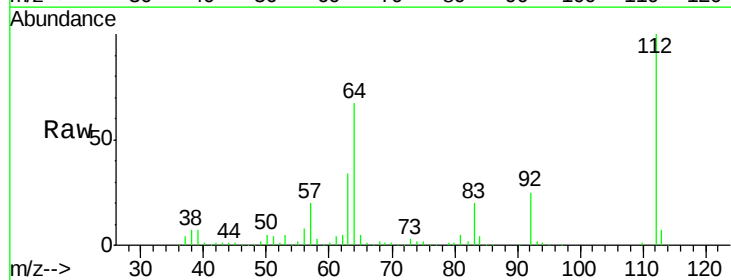
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



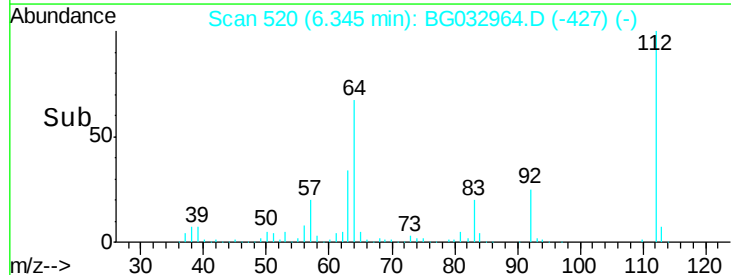
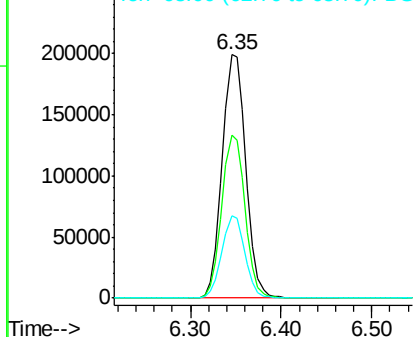
#5

2-Fluorophenol
Concen: 103.632 ng
RT: 6.35 min Scan# 520
Delta R.T. 0.02 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Tgt Ion:112 Resp: 359093
Ion Ratio Lower Upper
112 100
64 66.7 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: 98.482 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.01 min

Lab File: BG032964.D

Acq: 3 Mar 2018 3:35

Instrument :

BNA_G

ClientSampleId :

PB107023TB

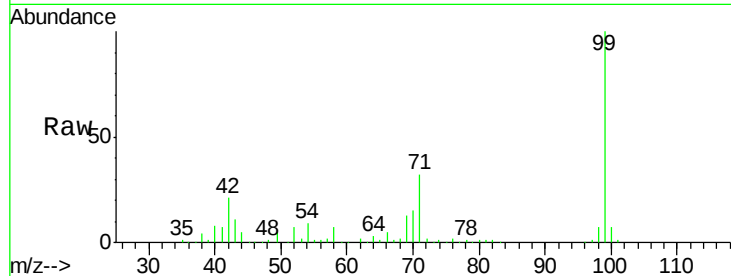
Tot Ion: 99 Resp: 475649

Ion Ratio Lower Upper

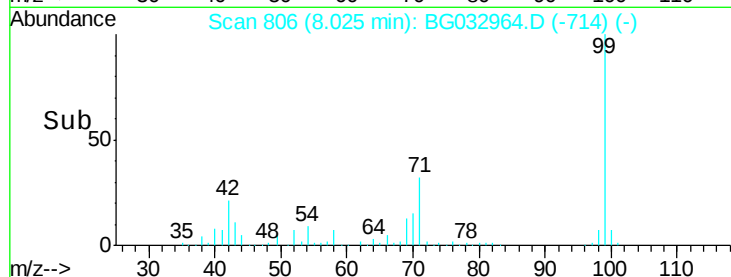
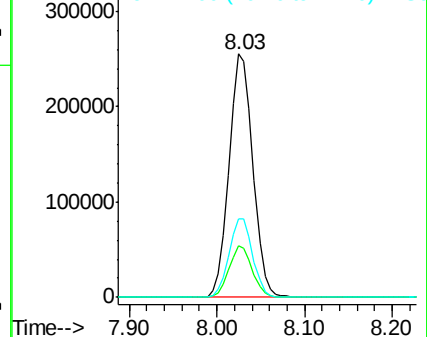
99 100

42 21.2 14.1 21.1#

71 32.3 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: 11.81 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BG032964.D

Acq: 3 Mar 2018 3:35

Tgt Ion: 136 Resp: 242974

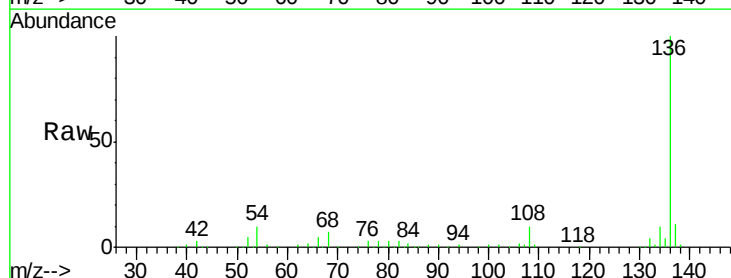
Ion Ratio Lower Upper

136 100

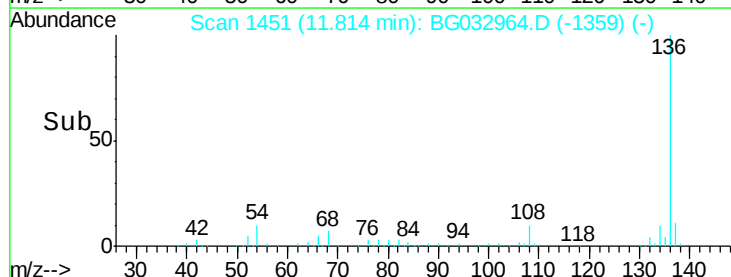
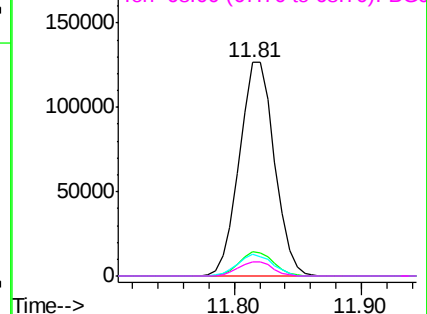
137 11.4 9.2 13.8

54 10.3 10.3 15.5#

68 6.5 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: 78.485 ng

RT: 10.13 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BG032964.D

Acq: 3 Mar 2018 3:35

Instrument :

BNA_G

ClientSampleId :

PB107023TB

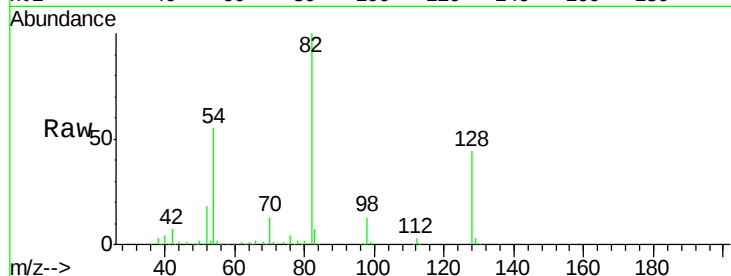
Tot Ion: 82 Resp: 271789

Ion Ratio Lower Upper

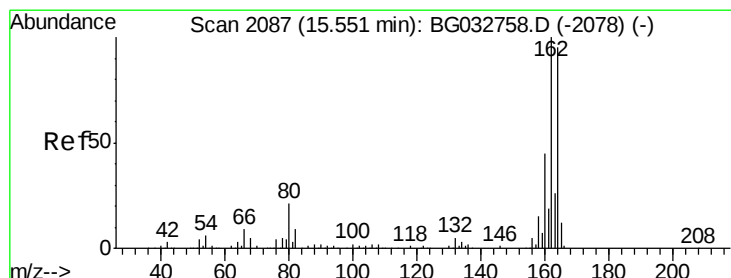
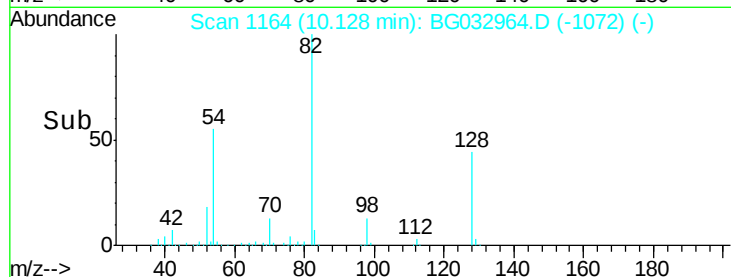
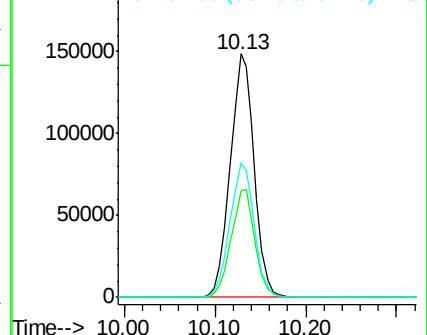
82 100

128 43.6 29.7 44.5

54 55.2 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: 15.54 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG032964.D

Acq: 3 Mar 2018 3:35

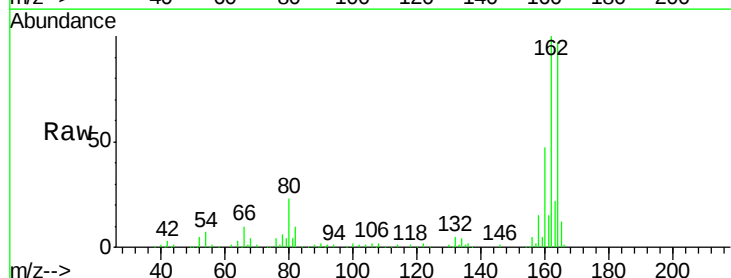
Tgt Ion:164 Resp: 139065

Ion Ratio Lower Upper

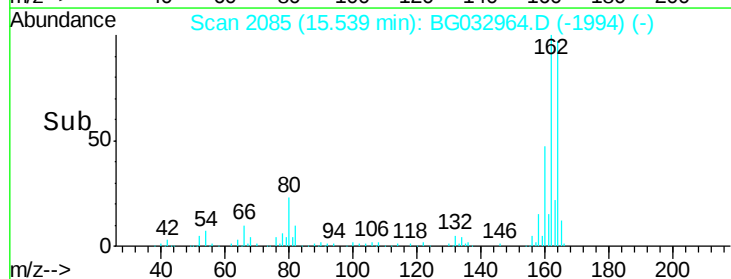
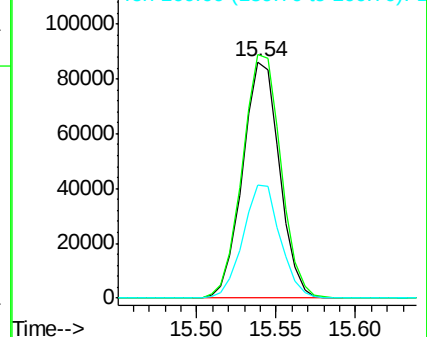
164 100

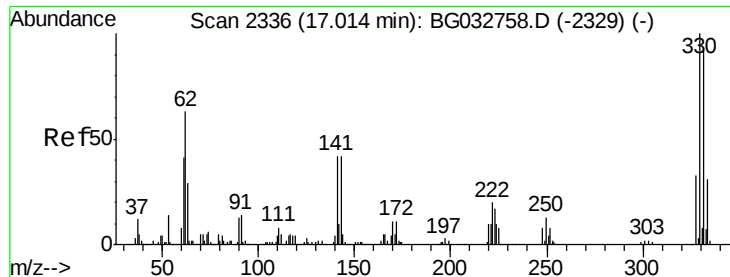
162 103.0 78.8 118.2

160 48.1 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

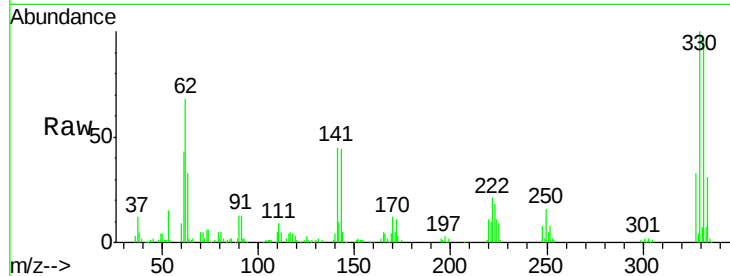




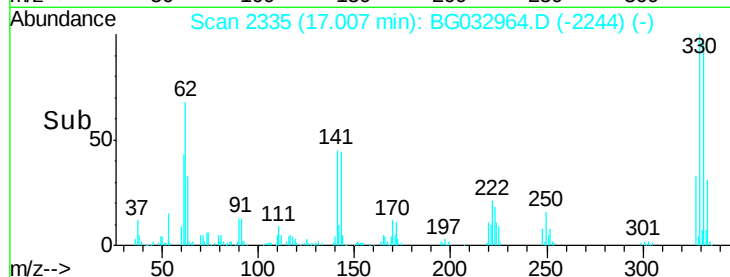
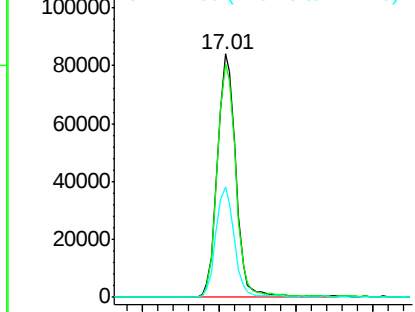
#41
 2,4,6-Tribromophenol
 Concen: 95.651 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032964.D
 Acq: 3 Mar 2018 3:35

Instrument :
 BNA_G
 ClientSampled :
 PB107023TB

Tot Ion:330 Resp: 139863
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 45.0 25.2 37.8#

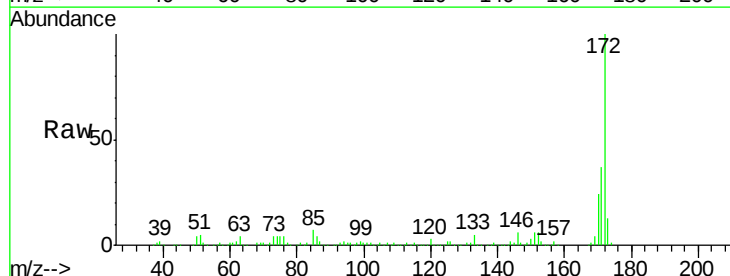


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

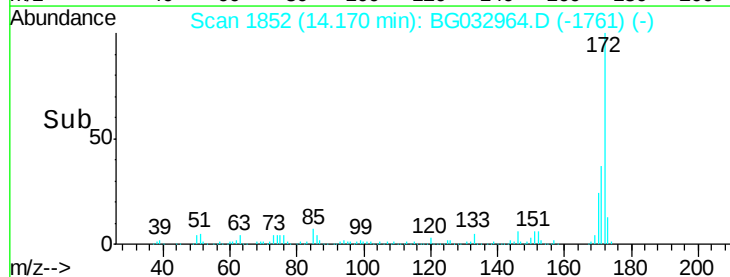
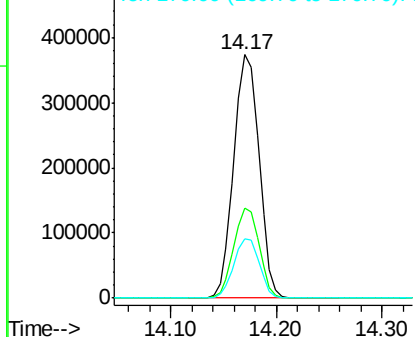


#44
 2-Fluorobiphenyl
 Concen: 64.040 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: BG032964.D
 Acq: 3 Mar 2018 3:35

Tgt Ion:172 Resp: 617484
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 24.2 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: 18.26 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BG032964.D

Acq: 3 Mar 2018 3:35

Instrument :

BNA_G

ClientSampleId :

PB107023TB

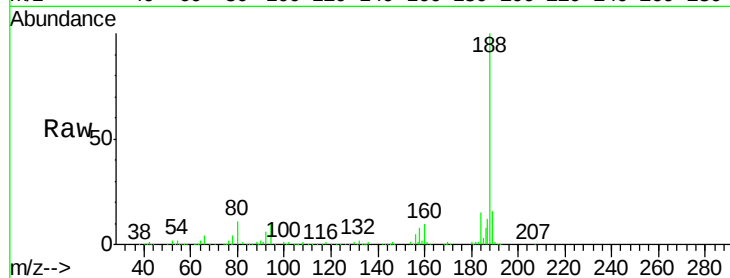
Tot Ion:188 Resp: 328241

Ion Ratio Lower Upper

188 100

94 10.2 6.9 10.3

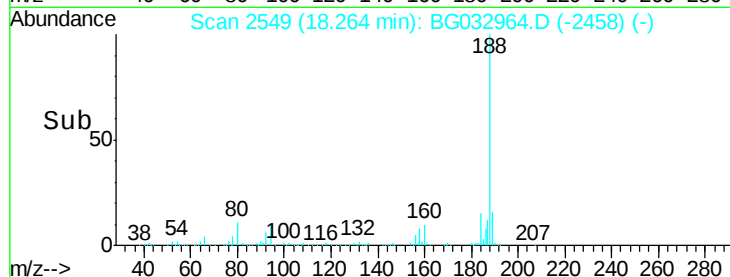
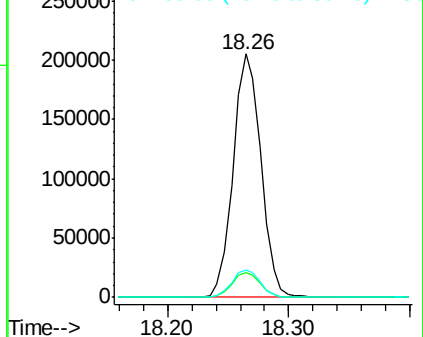
80 11.3 7.7 11.5



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: 22.62 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BG032964.D

Acq: 3 Mar 2018 3:35

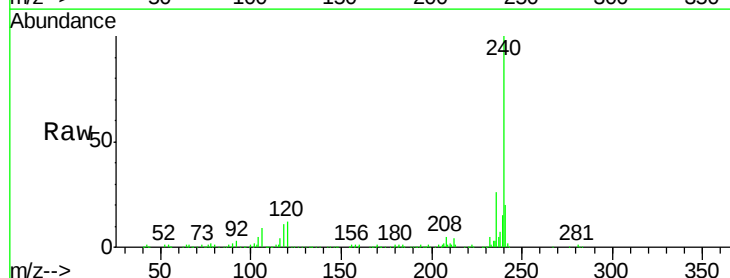
Tgt Ion:240 Resp: 314384

Ion Ratio Lower Upper

240 100

120 11.7 6.8 10.2#

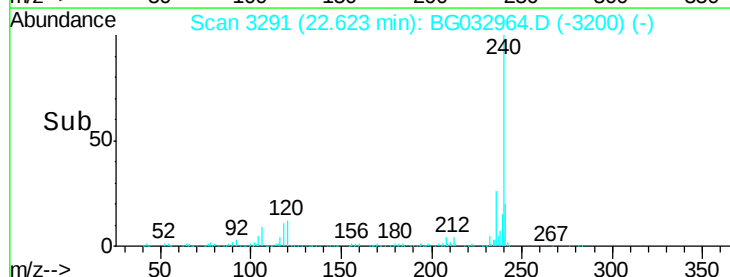
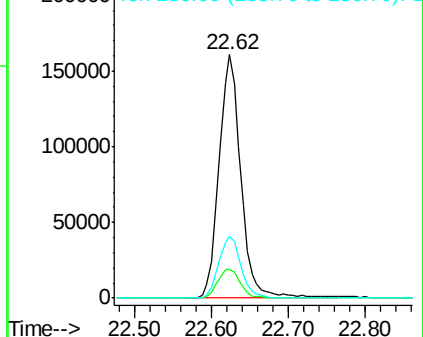
236 25.6 20.9 31.3

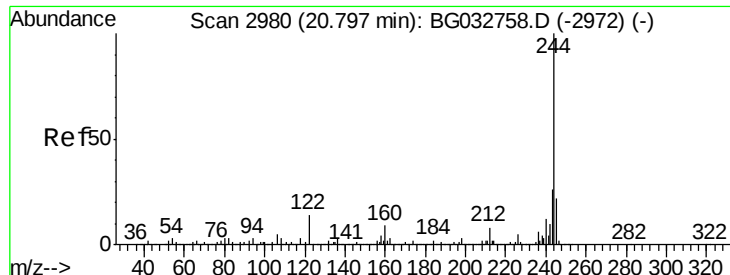


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.771 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BG032964.D

Acq: 3 Mar 2018 3:35

Instrument :

BNA_G

ClientSampled :

PB107023TB

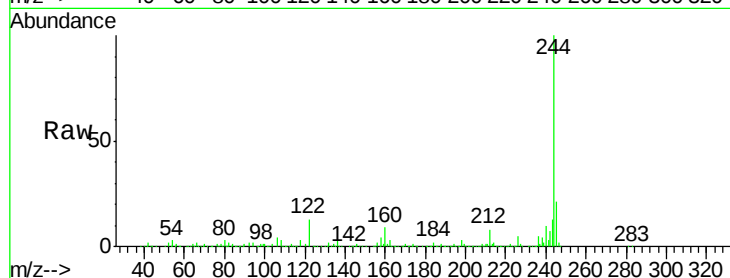
Tot Ion:244 Resp: 948322

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

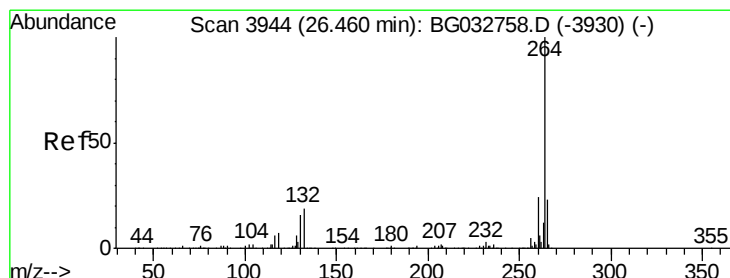
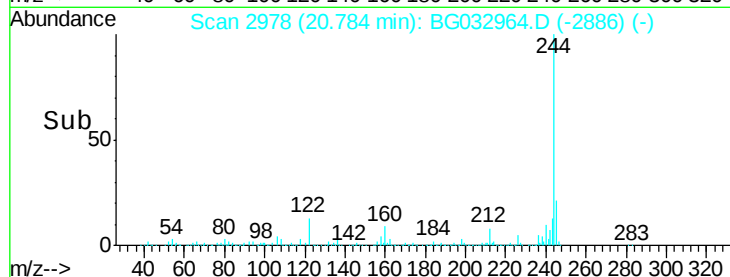
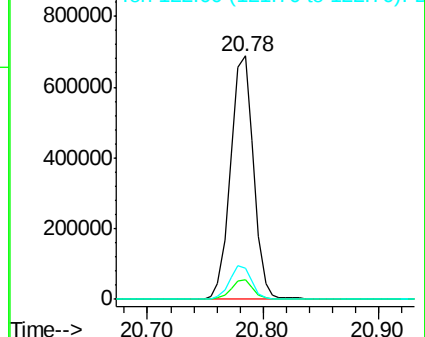
122 12.6 7.0 10.4#



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: 20.000 ng

RT: 26.44 min Scan# 3940

Delta R.T. 0.01 min

Lab File: BG032964.D

Acq: 3 Mar 2018 3:35

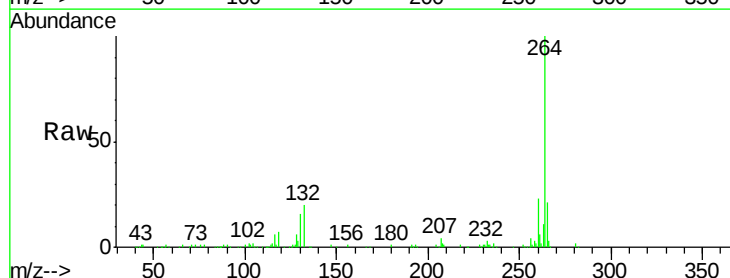
Tgt Ion:264 Resp: 306860

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.4 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

