

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032881.D
 Acq On : 28 Feb 2018 8:24
 Operator : SJ/JU
 Sample : J1698-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3

Quant Time: Feb 28 09:57:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	79502	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	344998	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	189040	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	422592	20.00	ng	0.00
75) Chrysene-d12	22.61	240	379465	20.00	ng	-0.02
86) Perylene-d12	26.43	264	372921	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	667977	134.42	ng	0.00
7) Phenol-d6	8.02	99	802466	115.85	ng	0.00
23) Nitrobenzene-d5	10.12	82	555085	108.55	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	265936	133.79	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1237164	94.39	ng	0.00
78) Terphenyl-d14	20.78	244	1677975	99.35	ng	0.00

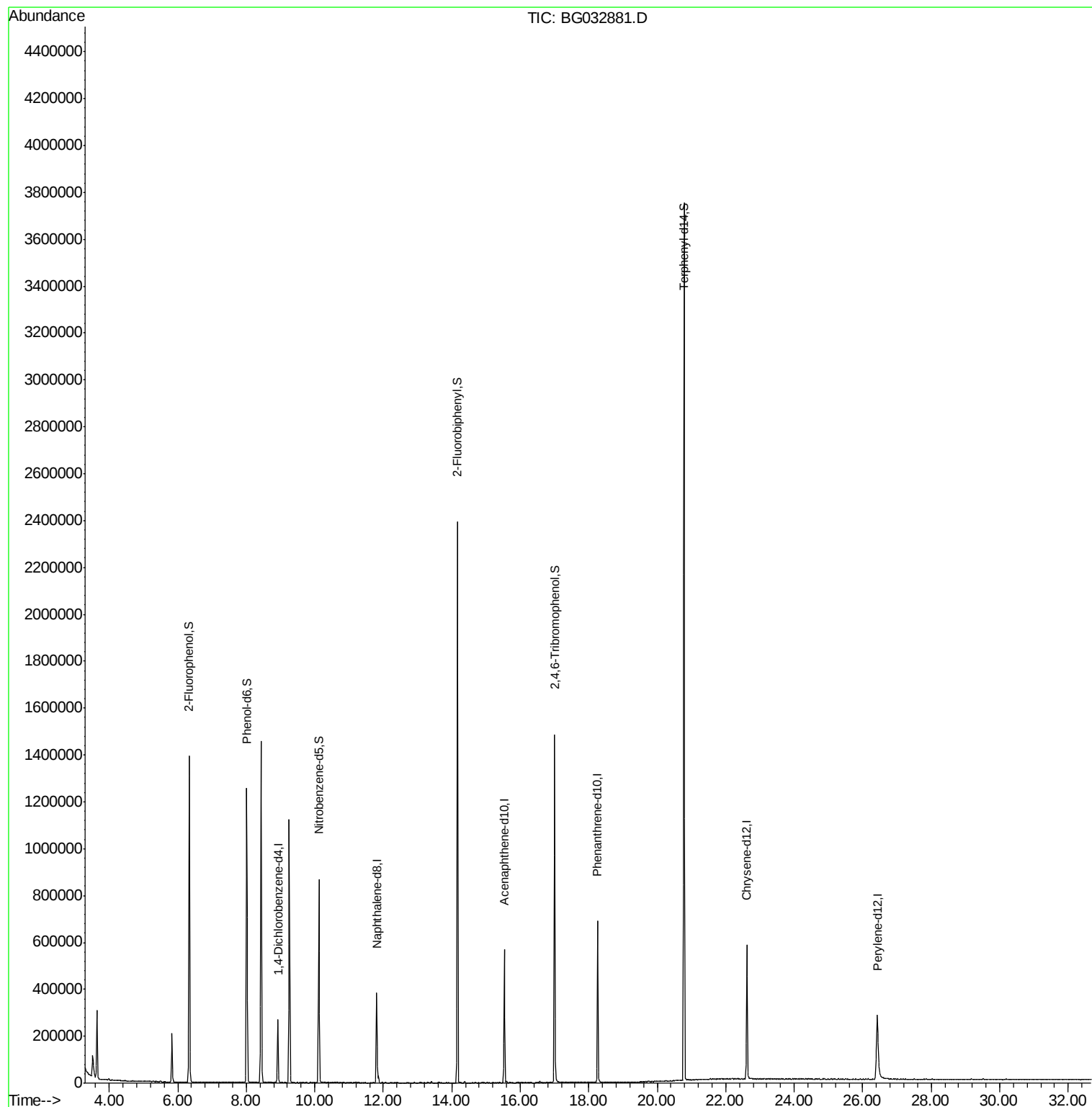
Target Compounds Qvalue

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

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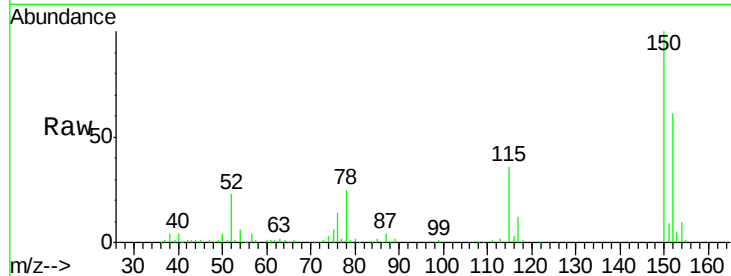


#1

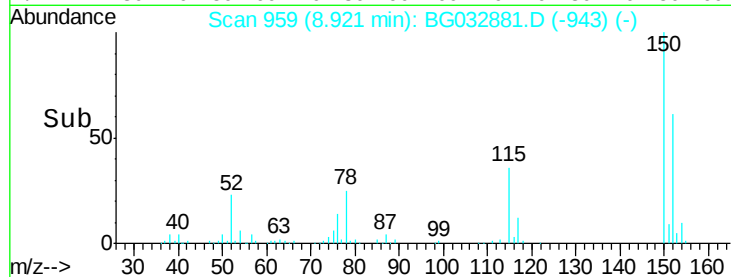
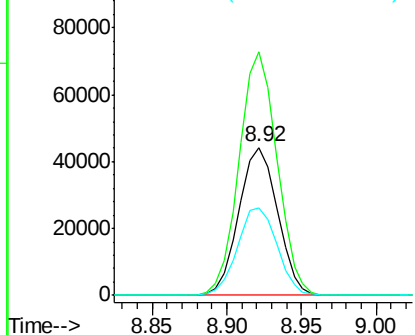
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032881.D
Acq: 28 Feb 2018 8:24

Instrument :
BNA_G
ClientSampled :
B3

Tot Ion:152 Resp: 79502
Ion Ratio Lower Upper
152 100
150 164.3 126.6 189.8
115 59.4 53.0 79.4



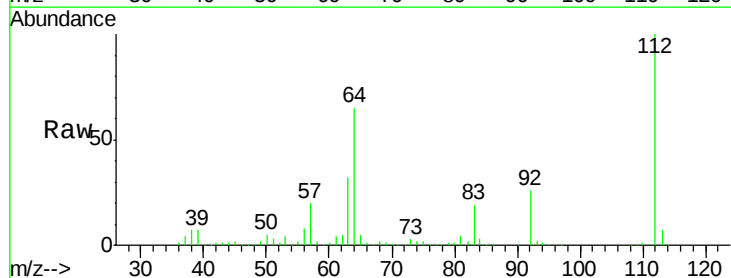
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



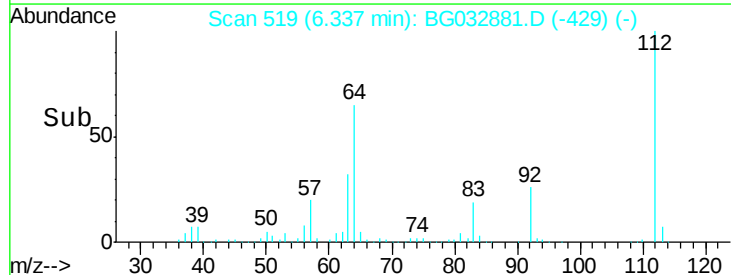
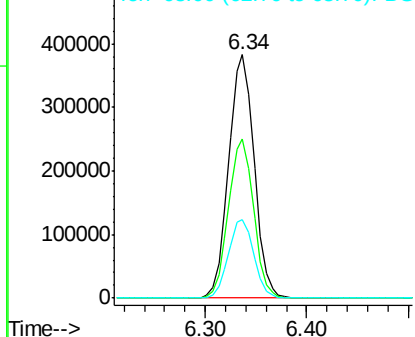
#5

2-Fluorophenol
Concen: 134.420 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032881.D
Acq: 28 Feb 2018 8:24

Tgt Ion:112 Resp: 667977
Ion Ratio Lower Upper
112 100
64 65.4 56.3 84.5
63 32.3 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: 115.854 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032881.D

Acq: 28 Feb 2018 8:24

Instrument :

BNA_G

ClientSampled :

B3

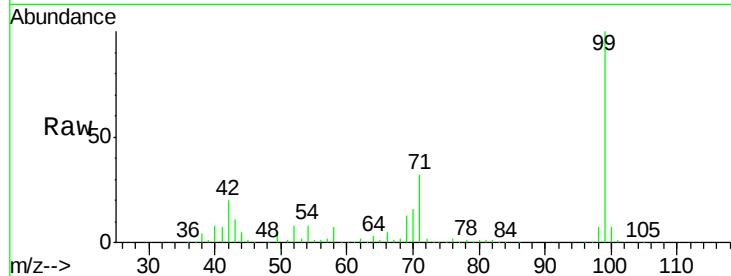
Tot Ion: 99 Resp: 802466

Ion Ratio Lower Upper

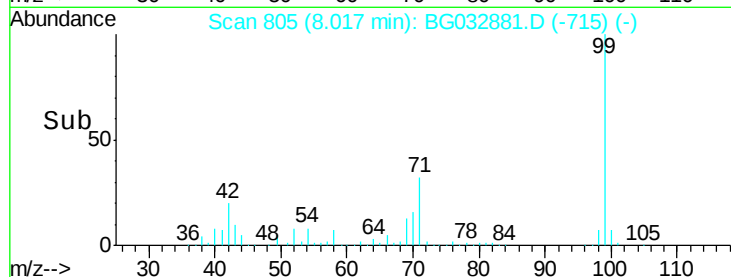
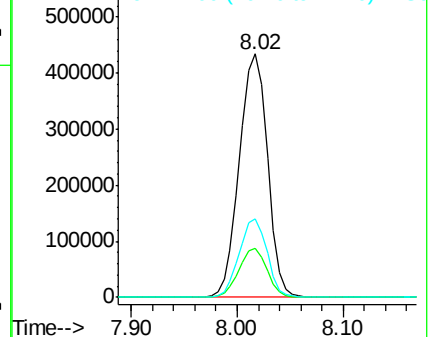
99 100

42 20.0 14.1 21.1

71 32.2 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# 1450

Delta R.T. -0.01 min

Lab File: BG032881.D

Acq: 28 Feb 2018 8:24

Tgt Ion: 136 Resp: 344998

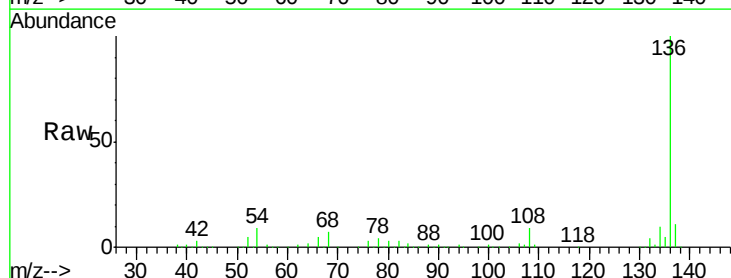
Ion Ratio Lower Upper

136 100

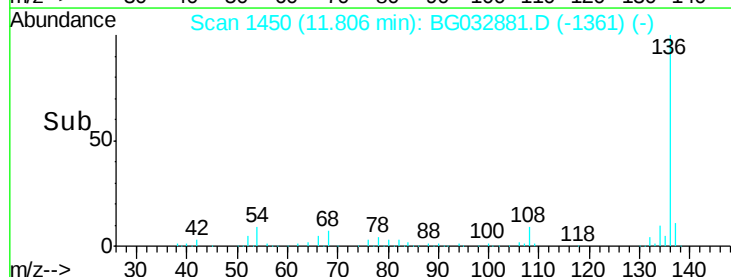
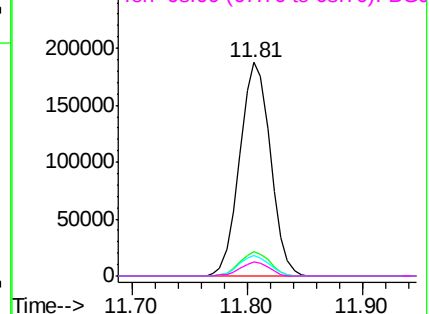
137 11.3 9.2 13.8

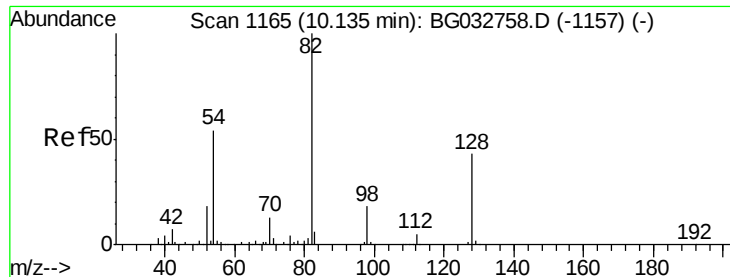
54 9.3 10.3 15.5#

68 6.8 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: 108.545 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG032881.D

Acq: 28 Feb 2018 8:24

Instrument :

BNA_G

ClientSampleId :

B3

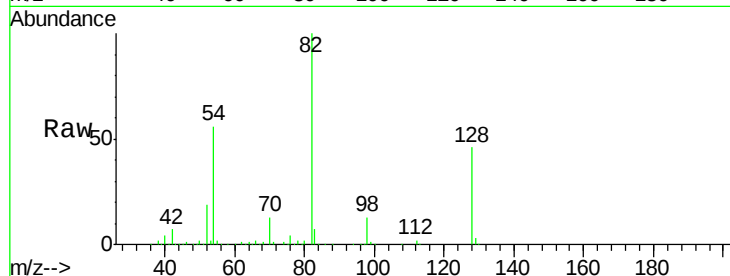
Tot Ion: 82 Resp: 555085

Ion Ratio Lower Upper

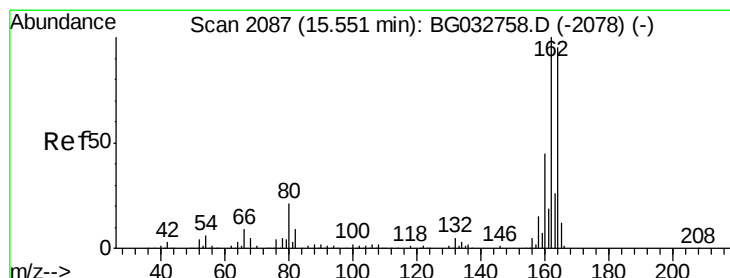
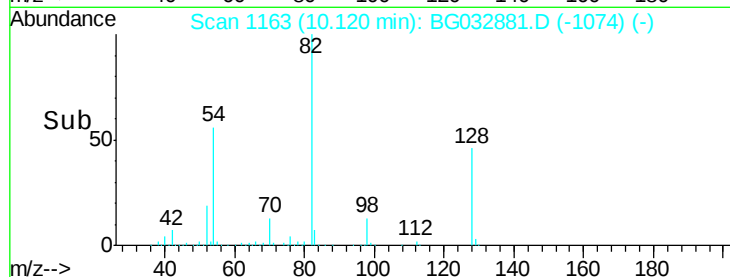
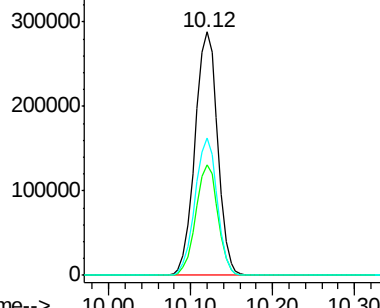
82 100

128 45.7 29.7 44.5#

54 56.4 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: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032881.D

Acq: 28 Feb 2018 8:24

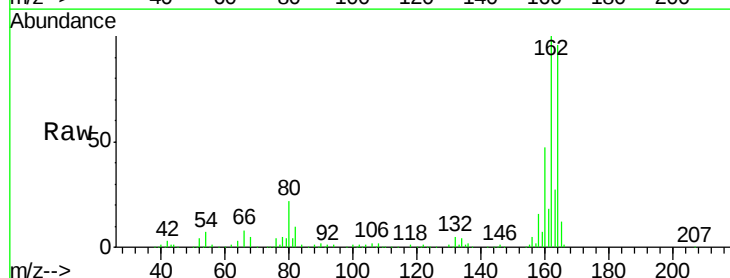
Tgt Ion:164 Resp: 189040

Ion Ratio Lower Upper

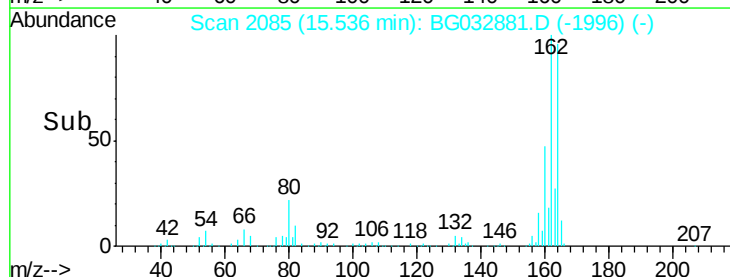
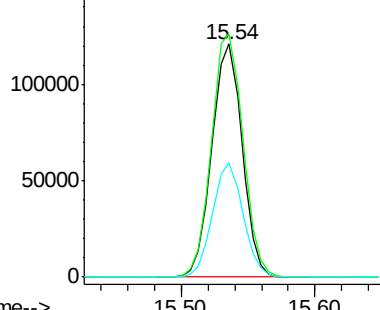
164 100

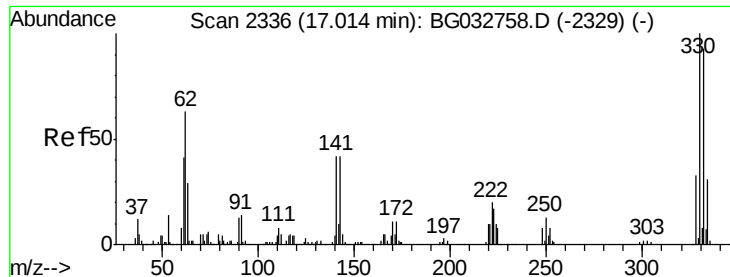
162 104.5 78.8 118.2

160 48.9 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

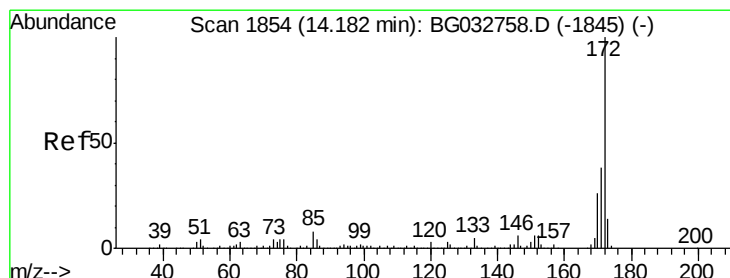
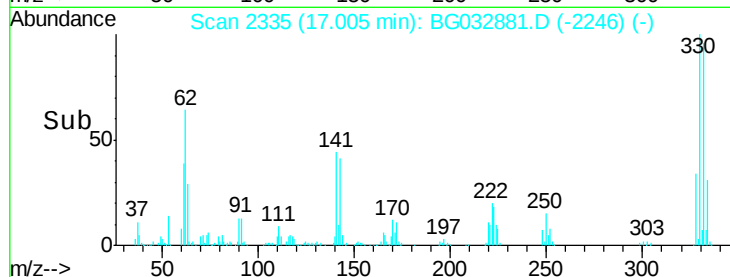
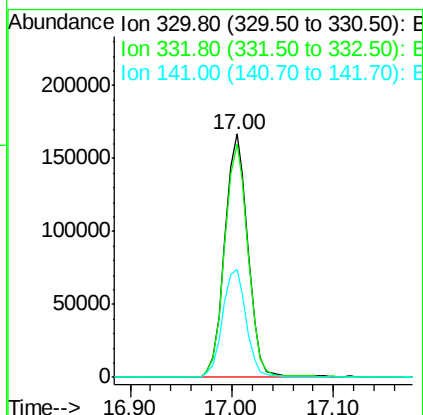
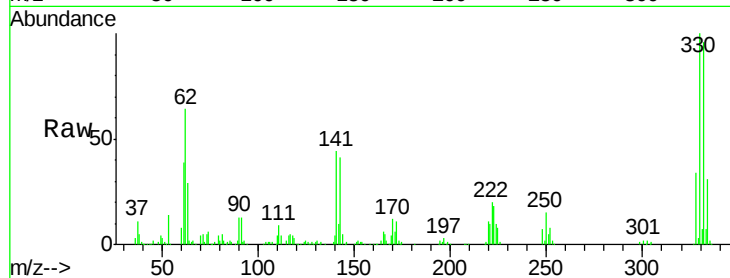




#41
 2,4,6-Tribromophenol
 Concen: 133.791 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032881.D
 Acq: 28 Feb 2018 8:24

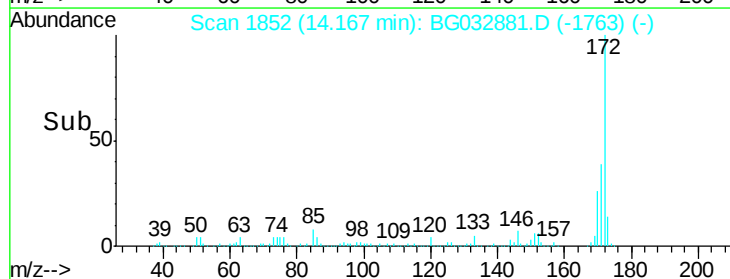
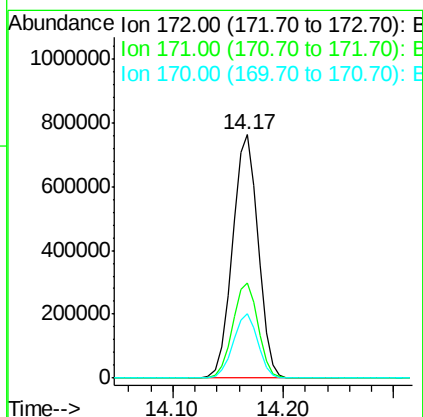
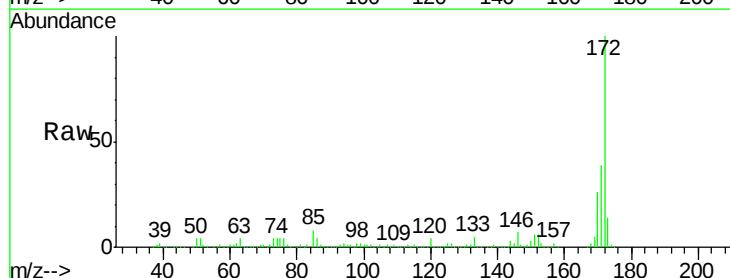
Instrument :
 BNA_G
 ClientSampled :
 B3

Tot Ion:330 Resp: 265936
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 45.0 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 94.388 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032881.D
 Acq: 28 Feb 2018 8:24

Tgt Ion:172 Resp: 1237164
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.0 45.0
 170 26.3 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BG032881.D

Acq: 28 Feb 2018 8:24

Instrument :

BNA_G

ClientSampleId :

B3

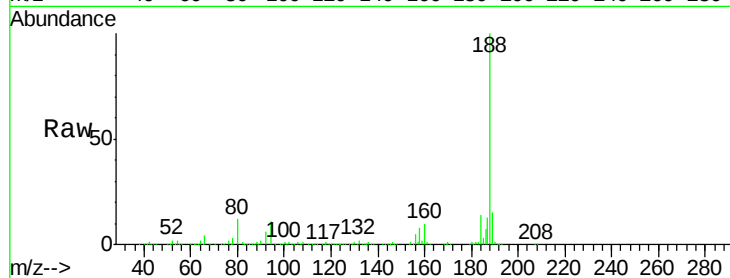
Tot Ion:188 Resp: 422592

Ion Ratio Lower Upper

188 100

94 10.7 6.9 10.3#

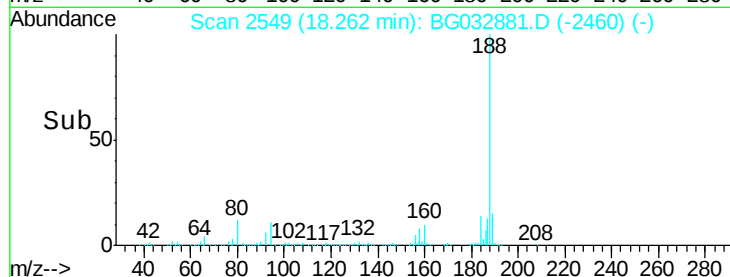
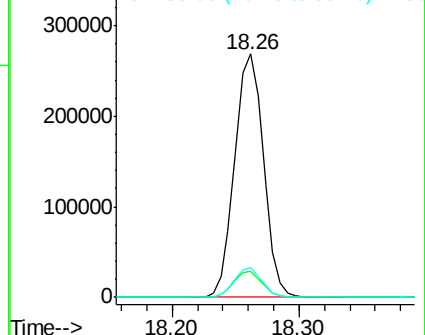
80 12.0 7.7 11.5#



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: 22.61 min Scan# 3290

Delta R.T. -0.02 min

Lab File: BG032881.D

Acq: 28 Feb 2018 8:24

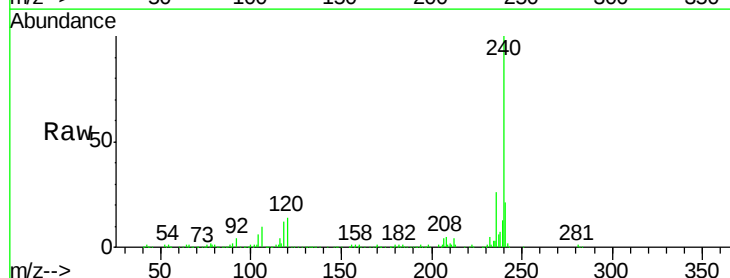
Tgt Ion:240 Resp: 379465

Ion Ratio Lower Upper

240 100

120 13.6 6.8 10.2#

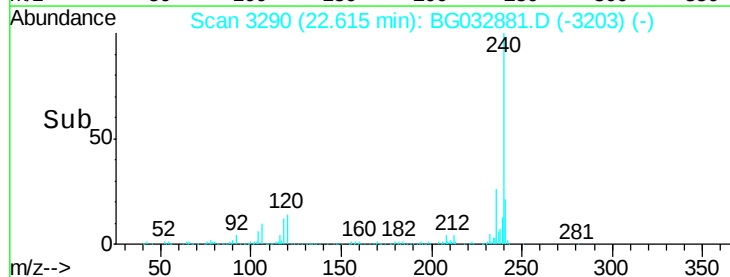
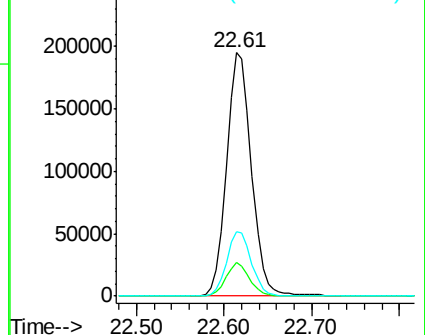
236 26.4 20.9 31.3



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: 99.349 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032881.D

Acq: 28 Feb 2018 8:24

Instrument :

BNA_G

ClientSampleId :

B3

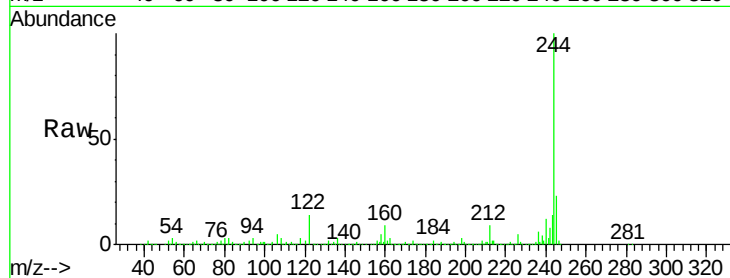
Tot Ion:244 Resp: 1677975

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

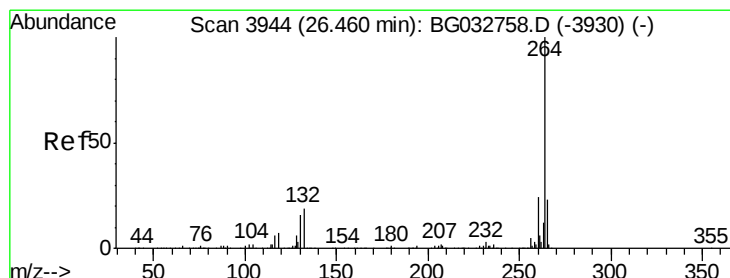
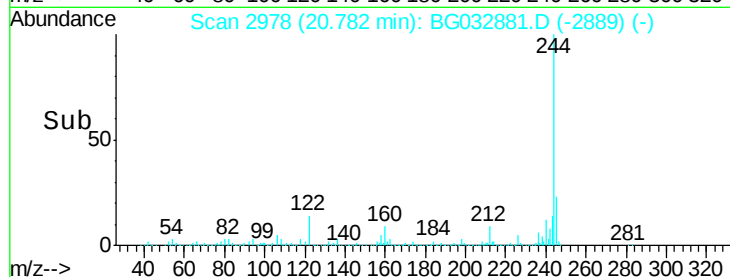
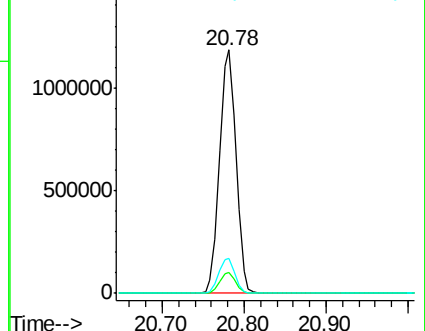
122 14.3 7.0 10.4#



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: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032881.D

Acq: 28 Feb 2018 8:24

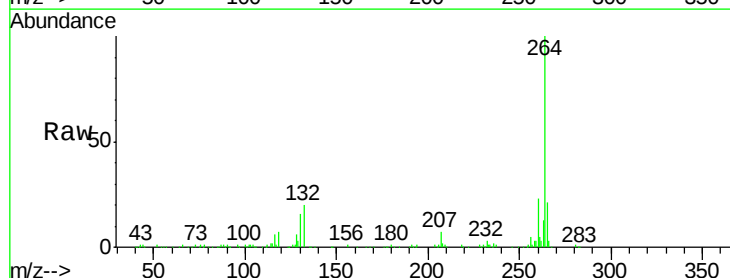
Tgt Ion:264 Resp: 372921

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 21.1 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

