

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032855.D
 Acq On : 27 Feb 2018 15:11
 Operator : SJ/JU
 Sample : J1691-64
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B16

Quant Time: Feb 28 02:57:02 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	78283	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	341448	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	196298	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	460978	20.00	ng	0.00
75) Chrysene-d12	22.61	240	427672	20.00	ng	-0.02
86) Perylene-d12	26.43	264	441381	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	576800	117.88	ng	0.00
7) Phenol-d6	8.02	99	676055	99.12	ng	0.00
23) Nitrobenzene-d5	10.12	82	505306	100.63	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	280757	136.03	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1122962	82.51	ng	0.00
78) Terphenyl-d14	20.78	244	1657922	87.10	ng	0.00

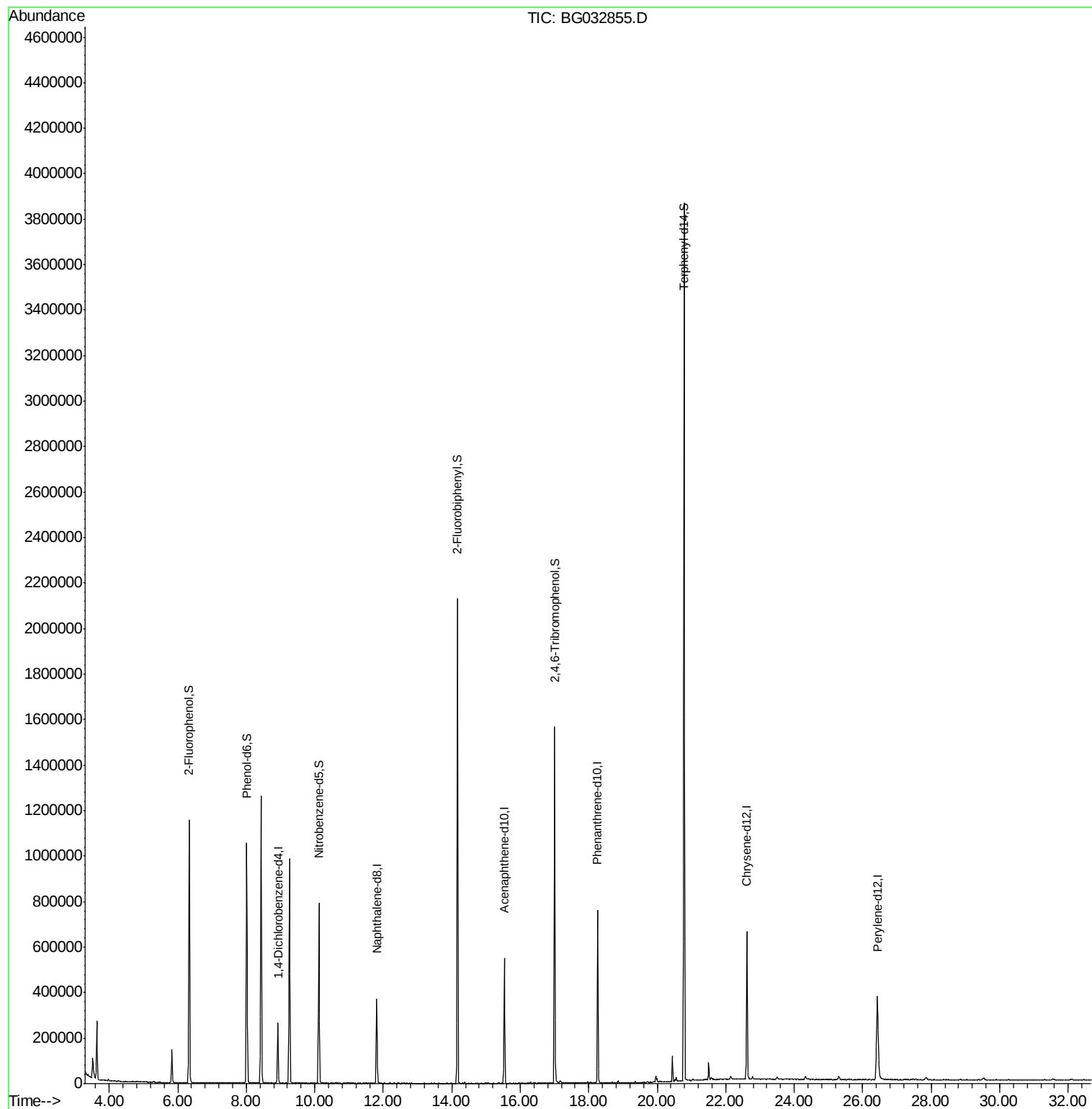
Target Compounds Qvalue

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

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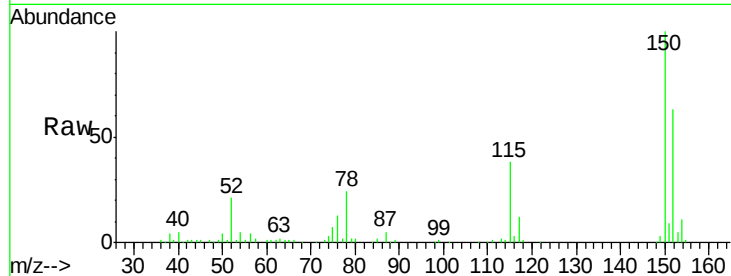


#1

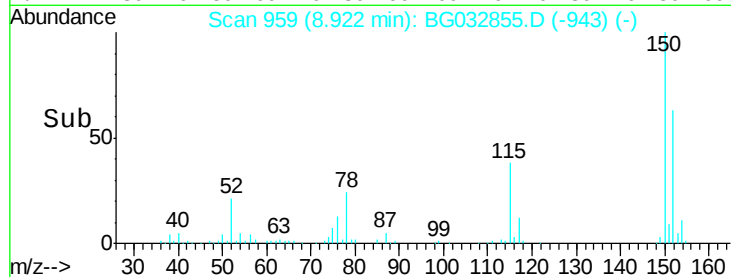
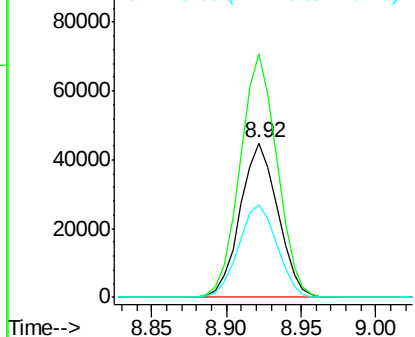
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
B16

Tot Ion:152 Resp: 78283
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 59.7 53.0 79.4



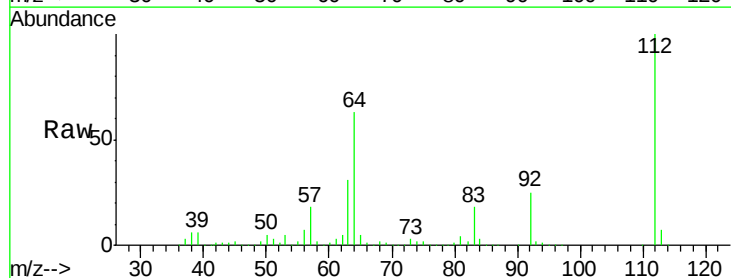
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



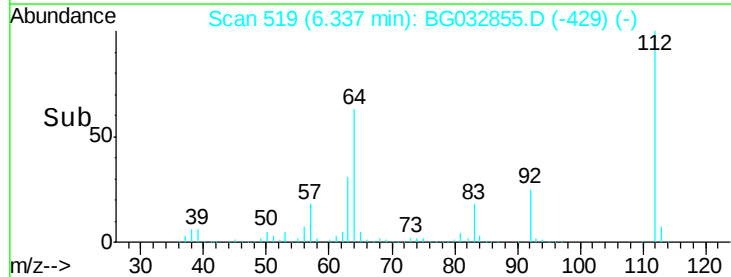
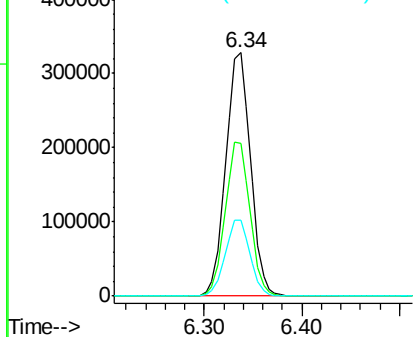
#5

2-Fluorophenol
Concen: 117.880 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Tgt Ion:112 Resp: 576800
Ion Ratio Lower Upper
112 100
64 62.6 56.3 84.5
63 31.1 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: 99.123 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Instrument :

BNA_G

ClientSampled :

B16

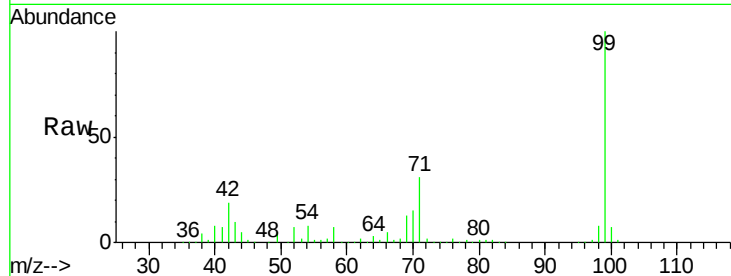
Tot Ion: 99 Resp: 676055

Ion Ratio Lower Upper

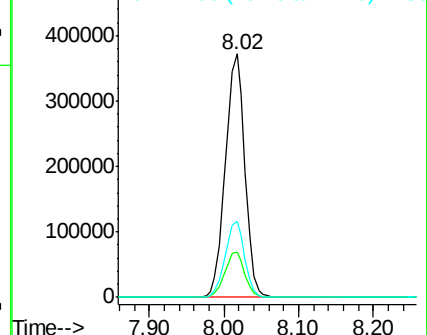
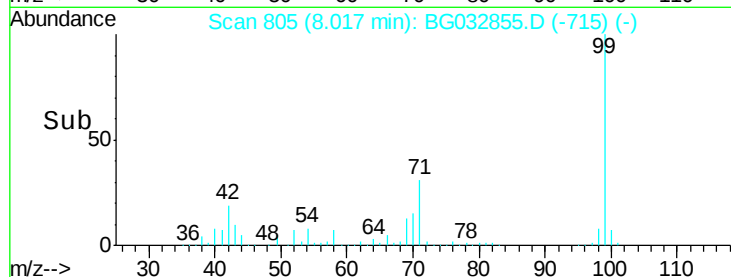
99 100

42 18.7 14.1 21.1

71 31.4 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. 0.00 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Tgt Ion: 136 Resp: 341448

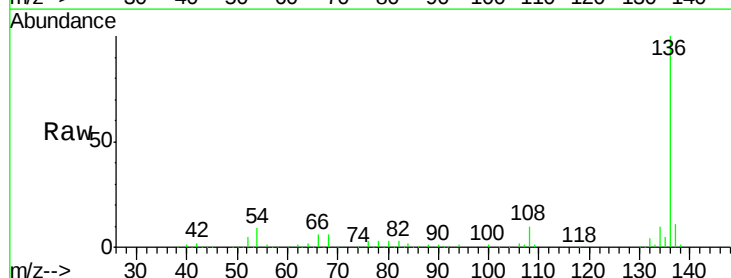
Ion Ratio Lower Upper

136 100

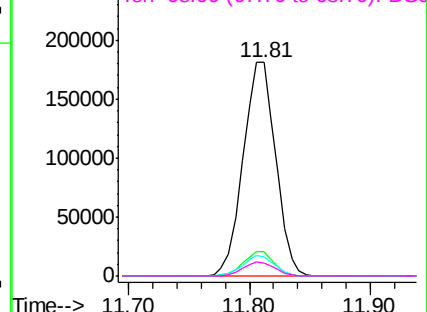
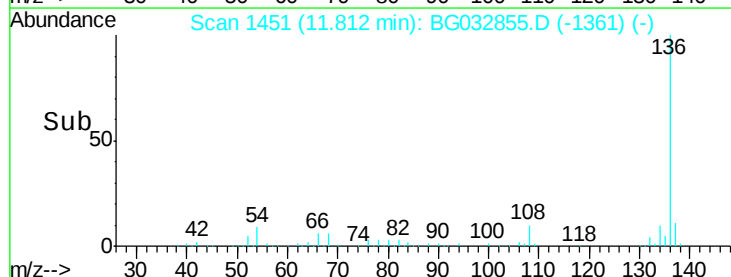
137 11.1 9.2 13.8

54 9.1 10.3 15.5#

68 6.1 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

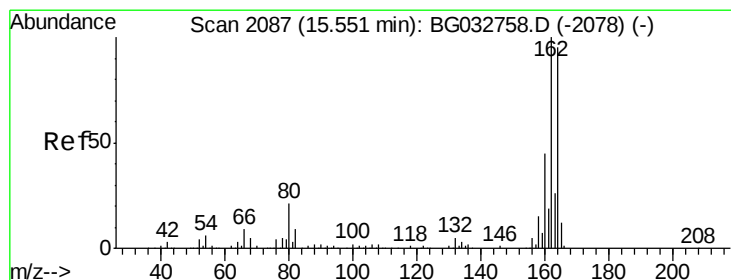
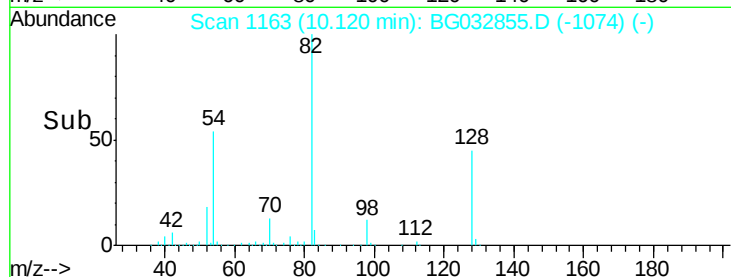
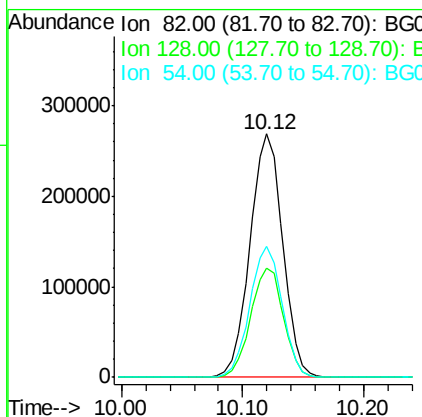
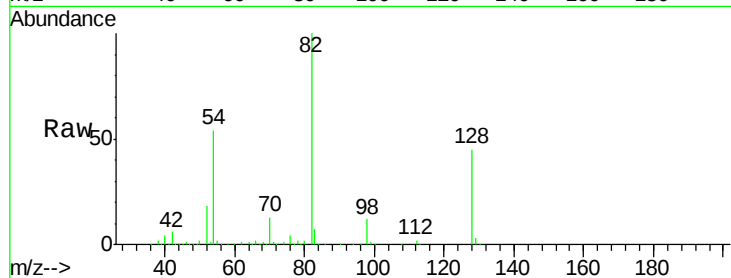




#23
Nitrobenzene-d5
Concen: 100.633 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

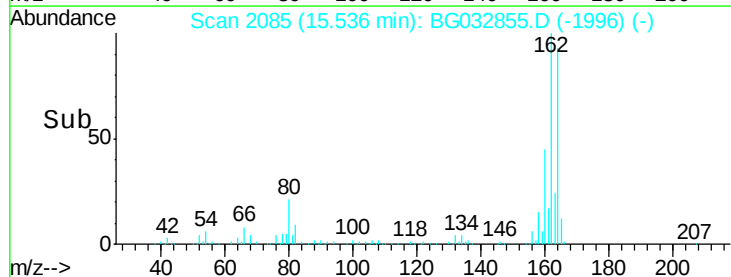
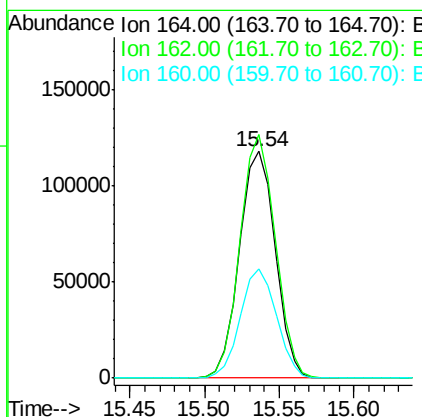
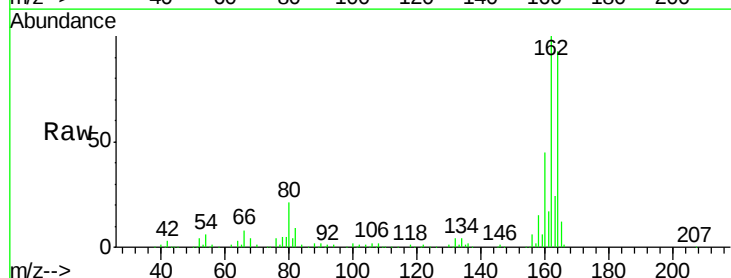
Instrument :
BNA_G
ClientSampleId :
B16

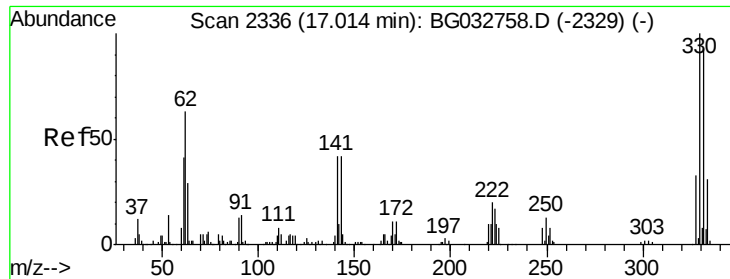
Tot Ion: 82 Resp: 505306
Ion Ratio Lower Upper
82 100
128 45.0 29.7 44.5#
54 53.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Tgt Ion:164 Resp: 196298
Ion Ratio Lower Upper
164 100
162 107.5 78.8 118.2
160 48.5 35.4 53.0

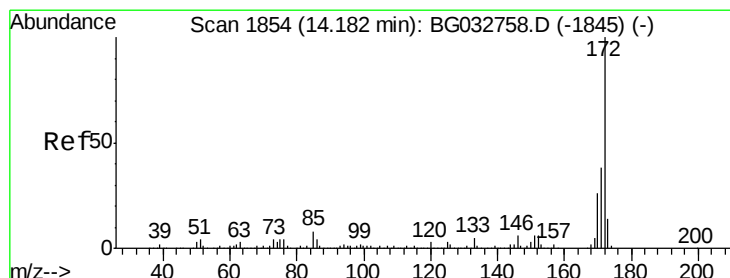
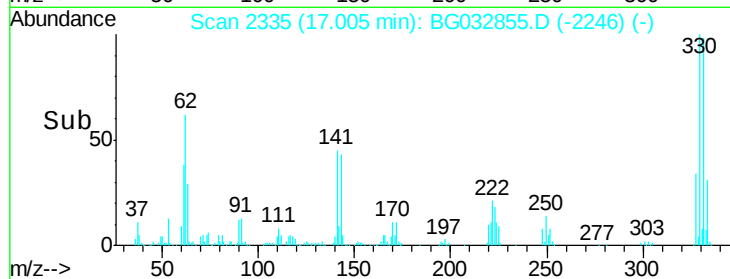
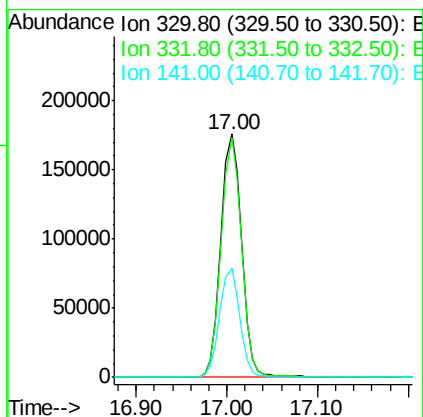
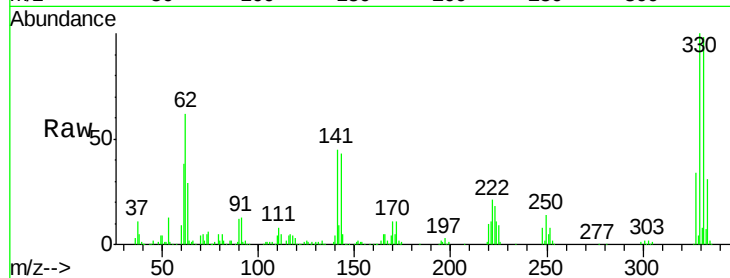




#41
 2,4,6-Tribromophenol
 Concen: 136.025 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032855.D
 Acq: 27 Feb 2018 15:11

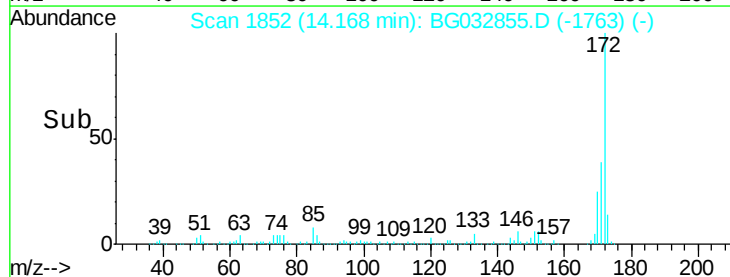
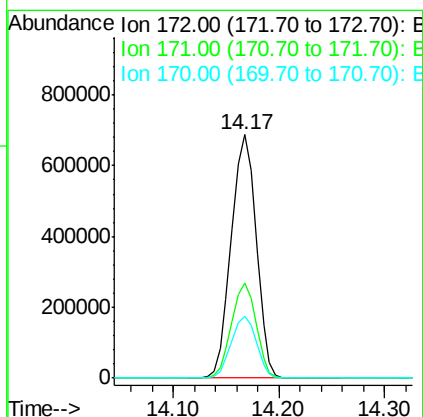
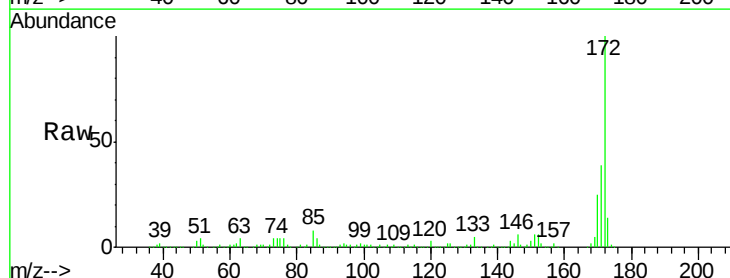
Instrument :
 BNA_G
 ClientSampleId :
 B16

Tot Ion:330 Resp: 280757
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 43.7 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 82.507 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032855.D
 Acq: 27 Feb 2018 15:11

Tgt Ion:172 Resp: 1122962
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.4 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Instrument :

BNA_G

ClientSampleId :

B16

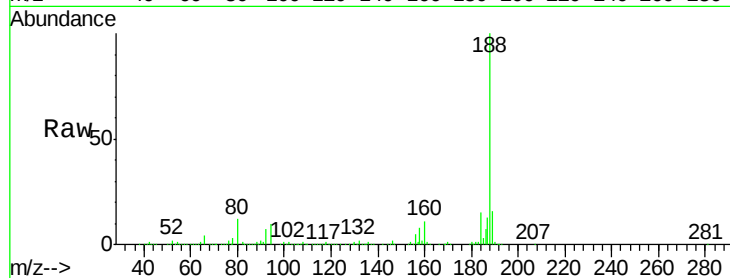
Tot Ion:188 Resp: 460978

Ion Ratio Lower Upper

188 100

94 10.0 6.9 10.3

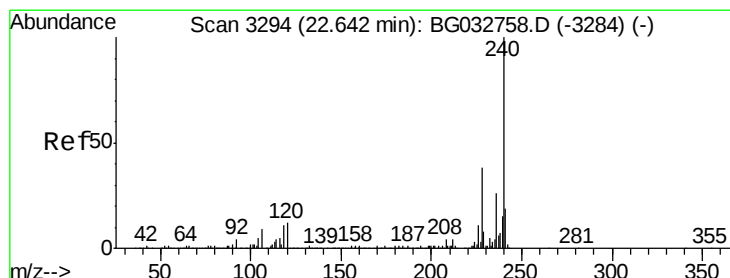
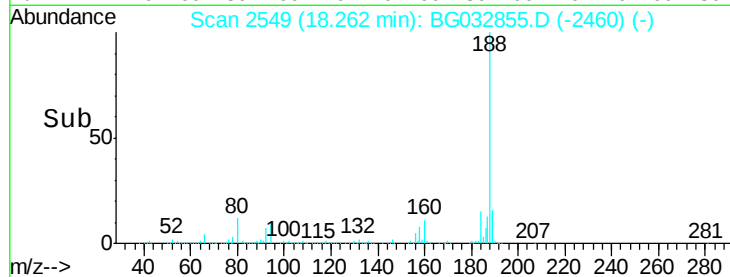
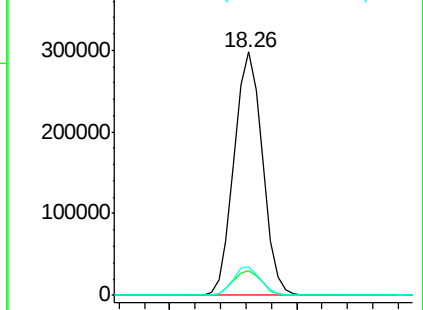
80 11.7 7.7 11.5#



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: BG032855.D

Acq: 27 Feb 2018 15:11

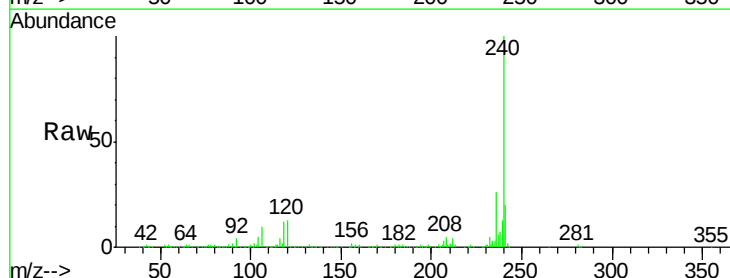
Tgt Ion:240 Resp: 427672

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

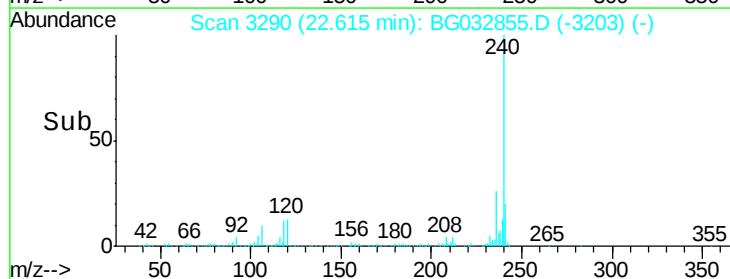
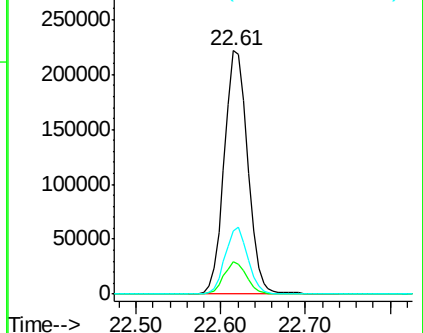
236 26.0 20.9 31.3



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: 87.097 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Instrument :

BNA_G

ClientSampleId :

B16

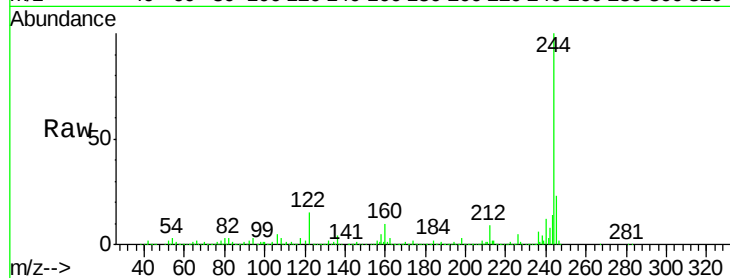
Tot Ion:244 Resp: 1657922

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

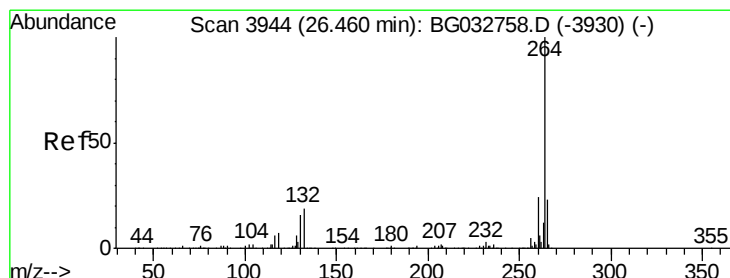
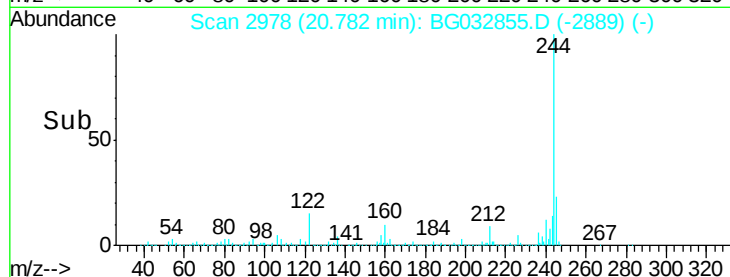
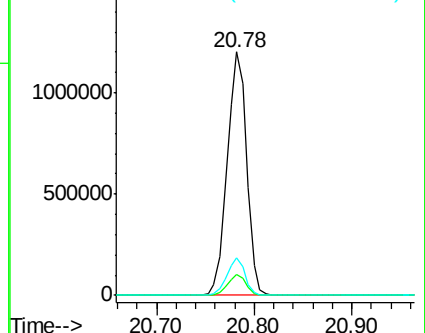
122 15.2 7.0 10.4#



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: BG032855.D

Acq: 27 Feb 2018 15:11

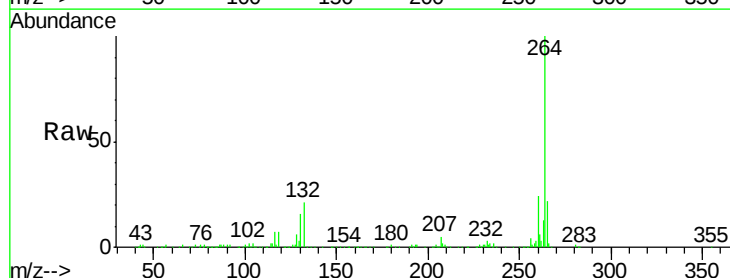
Tgt Ion:264 Resp: 441381

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 22.0 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

