

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032941.D
 Acq On : 2 Mar 2018 7:26
 Operator : SJ/JU
 Sample : J1747-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 19615-19616-19617-19618

Quant Time: Mar 02 11:24:15 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	8.92	152	64102	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	283462	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	166058	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	358511	20.00	ng	0.00
75) Chrysene-d12	22.62	240	323316	20.00	ng	0.00
86) Perylene-d12	26.43	264	320667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	491406	122.64	ng	0.00
7) Phenol-d6	8.02	99	635630	113.81	ng	0.00
23) Nitrobenzene-d5	10.12	82	427138	102.29	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	202781	116.14	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	989006	85.90	ng	0.00
78) Terphenyl-d14	20.78	244	1349009	93.74	ng	0.00

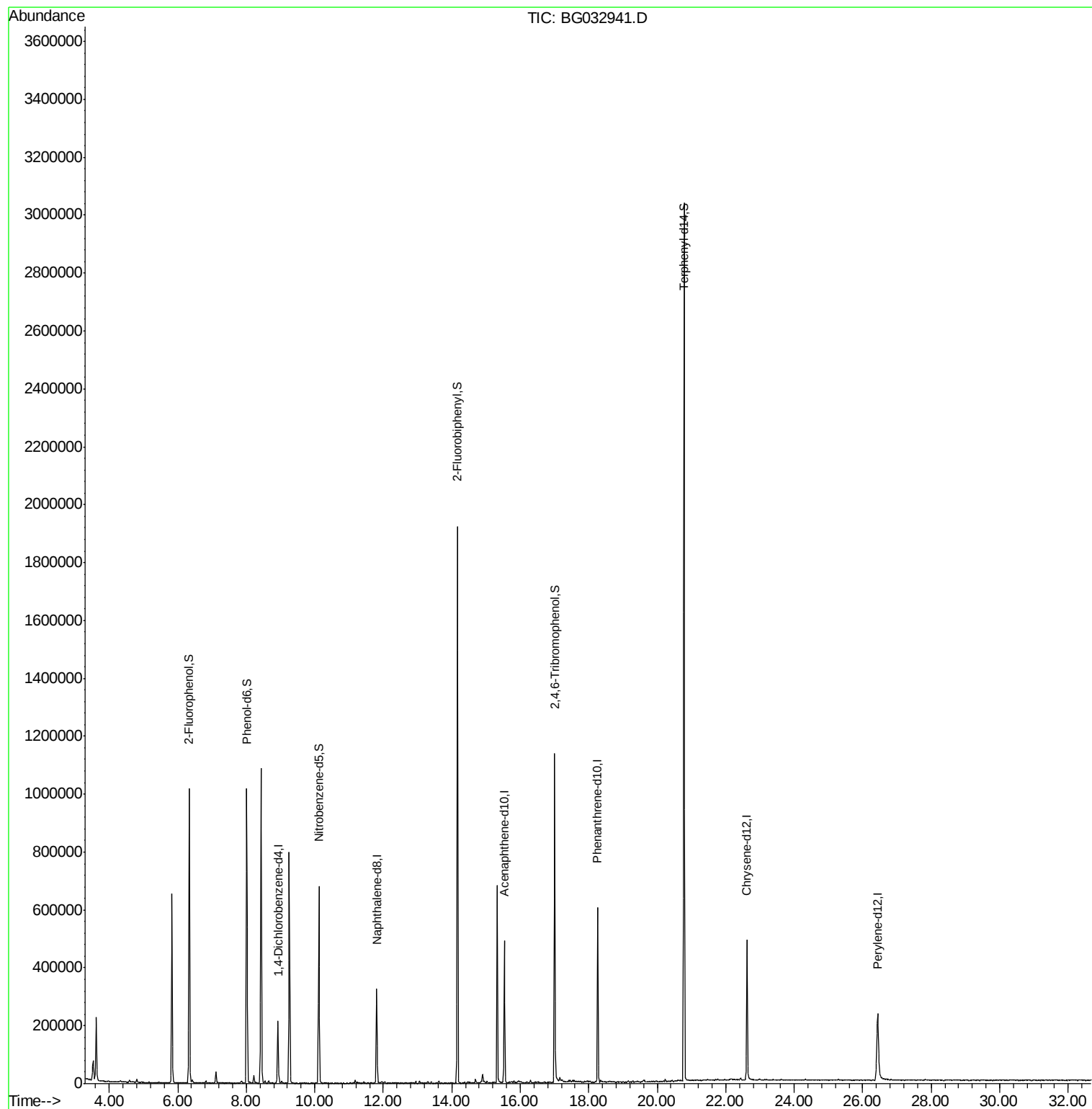
Target Compounds Qvalue

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

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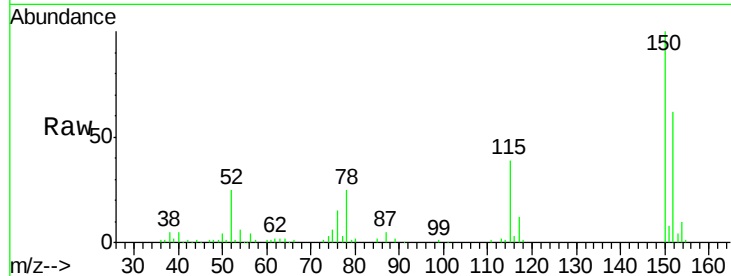


#1

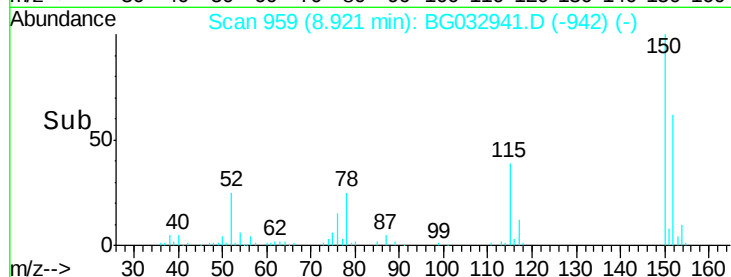
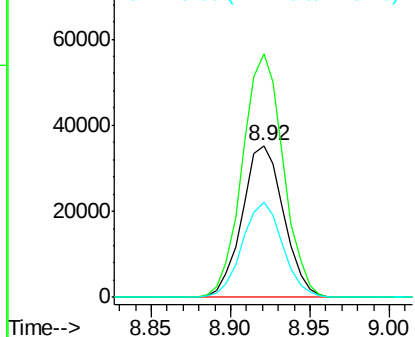
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032941.D
Acq: 2 Mar 2018 7:26

Instrument :
BNA_G
ClientSampleId :
19615-19616-19617-19618

Tot Ion:152 Resp: 64102
Ion Ratio Lower Upper
152 100
150 160.2 126.6 189.8
115 62.7 53.0 79.4



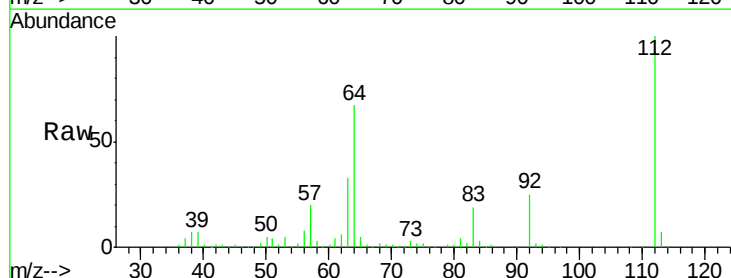
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



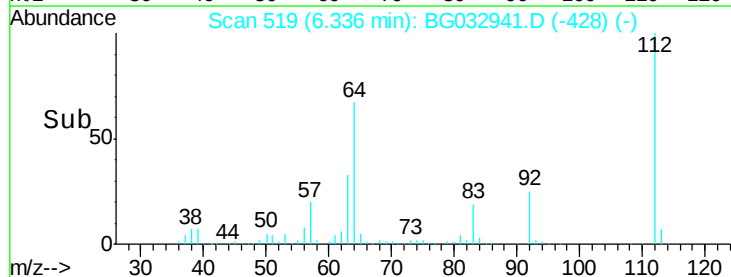
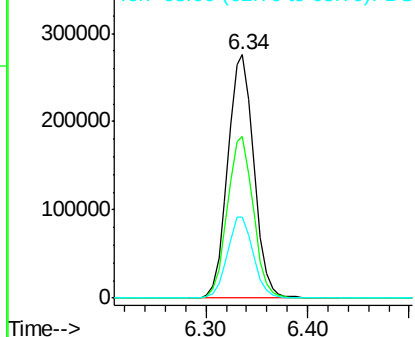
#5

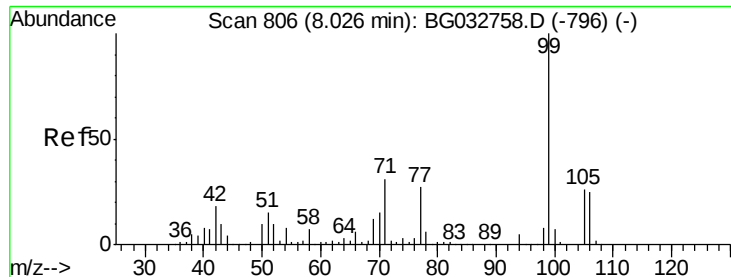
2-Fluorophenol
Concen: 122.645 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.01 min
Lab File: BG032941.D
Acq: 2 Mar 2018 7:26

Tgt Ion:112 Resp: 491406
Ion Ratio Lower Upper
112 100
64 66.5 56.3 84.5
63 33.1 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: 113.814 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032941.D

Acq: 2 Mar 2018 7:26

Instrument :

BNA_G

ClientSampleId :

19615-19616-19617-19618

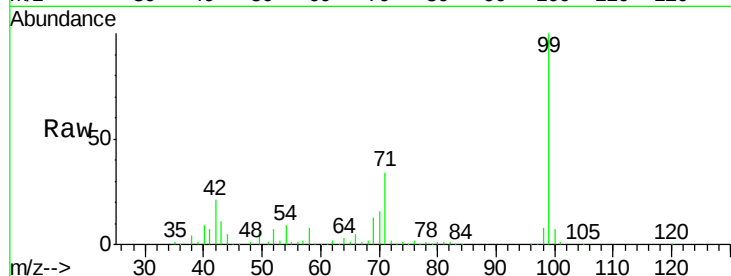
Tot Ion: 99 Resp: 635630

Ion Ratio Lower Upper

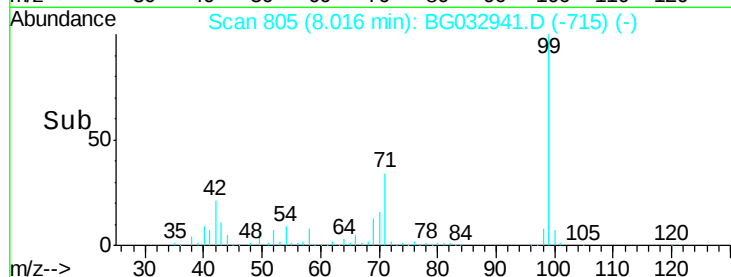
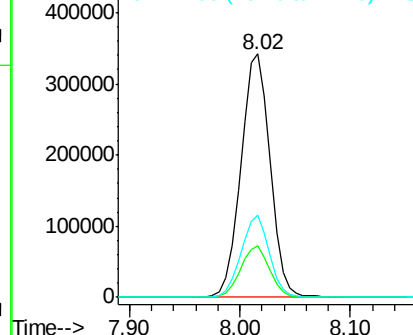
99 100

42 21.3 14.1 21.1#

71 33.6 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: 11.80 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032941.D

Acq: 2 Mar 2018 7:26

Tgt Ion: 136 Resp: 283462

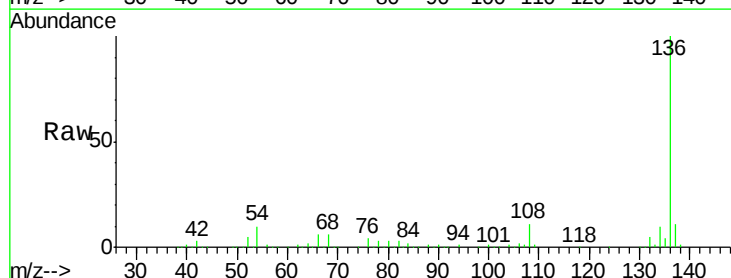
Ion Ratio Lower Upper

136 100

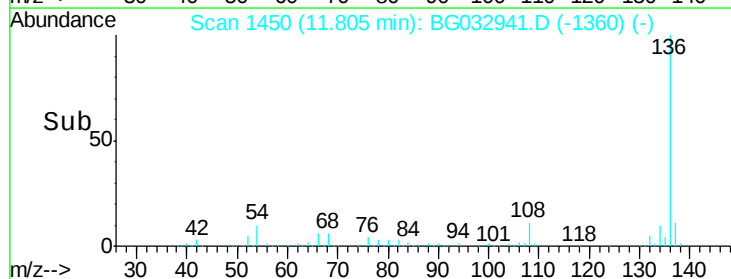
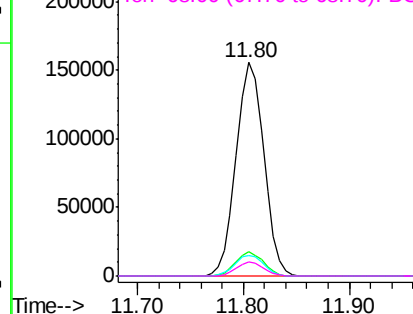
137 11.1 9.2 13.8

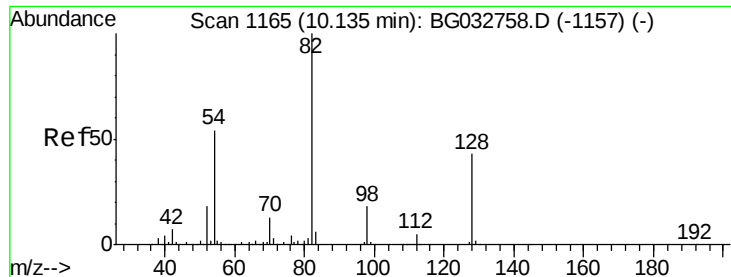
54 9.9 10.3 15.5#

68 6.4 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: 102.287 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG032941.D

Acq: 2 Mar 2018 7:26

Instrument :

BNA_G

ClientSampleId :

19615-19616-19617-19618

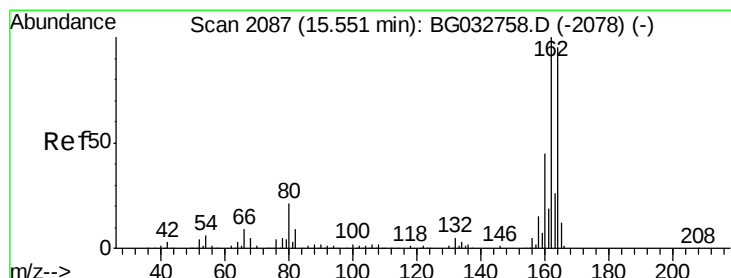
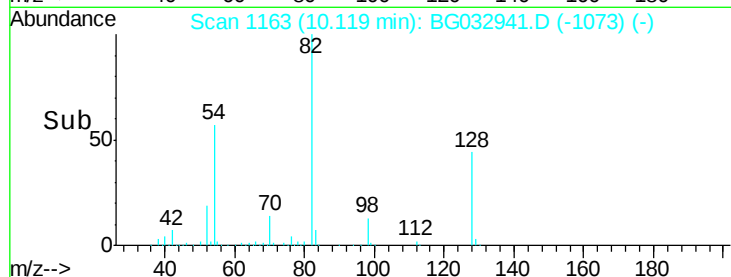
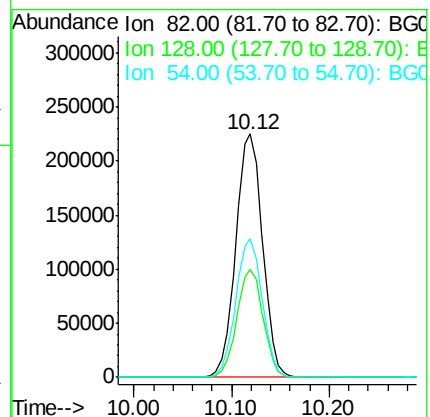
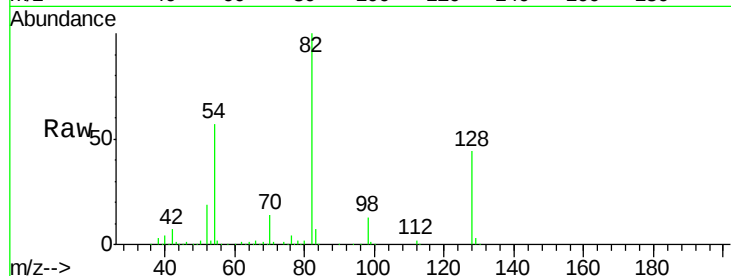
Tot Ion: 82 Resp: 427138

Ion Ratio Lower Upper

82 100

128 44.4 29.7 44.5

54 56.9 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: BG032941.D

Acq: 2 Mar 2018 7:26

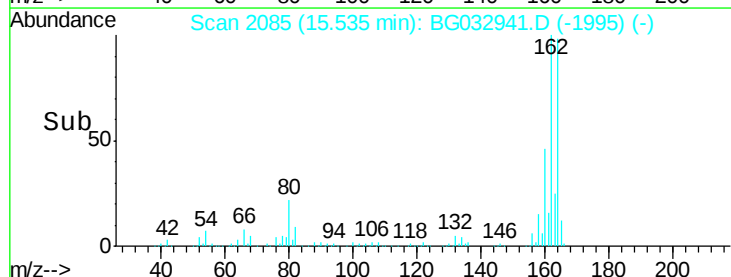
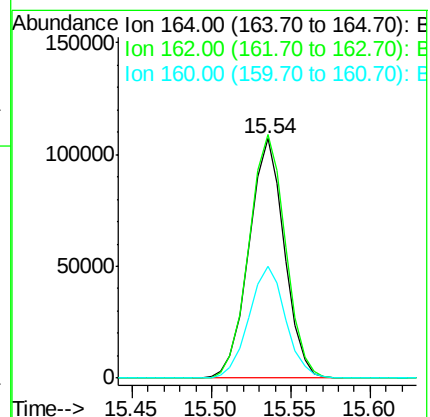
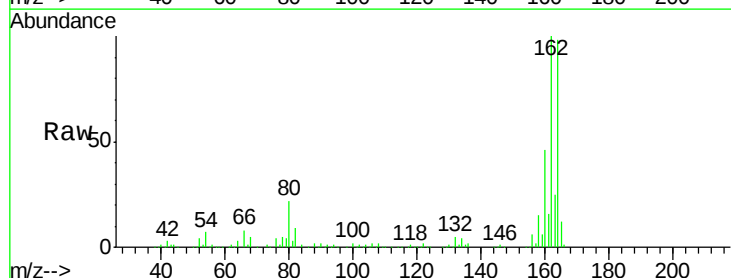
Tgt Ion:164 Resp: 166058

Ion Ratio Lower Upper

164 100

162 101.7 78.8 118.2

160 46.9 35.4 53.0

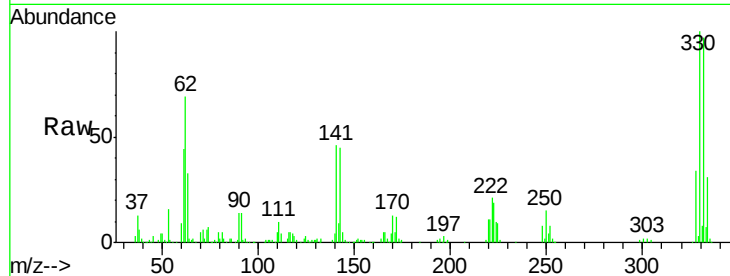




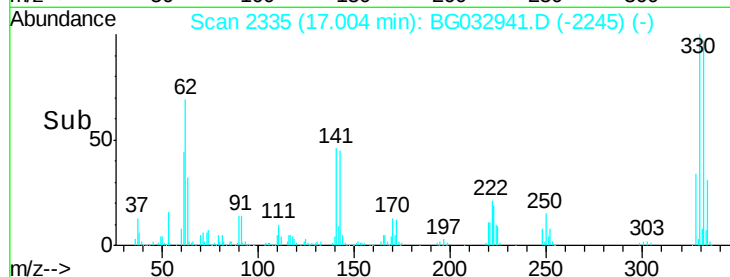
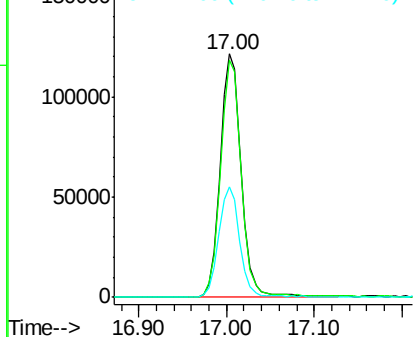
#41
 2,4,6-Tribromophenol
 Concen: 116.137 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032941.D
 Acq: 2 Mar 2018 7:26

Instrument :
 BNA_G
 ClientSampleId :
 19615-19616-19617-19618

Tot Ion:330 Resp: 202781
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 45.7 25.2 37.8#

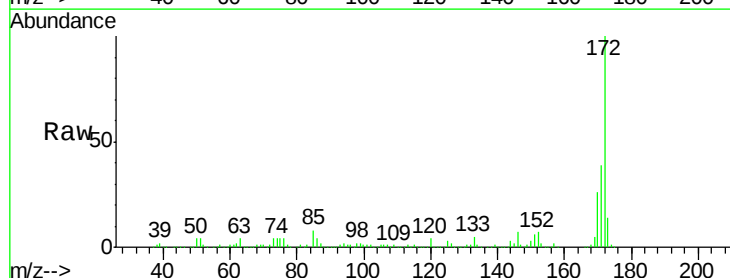


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

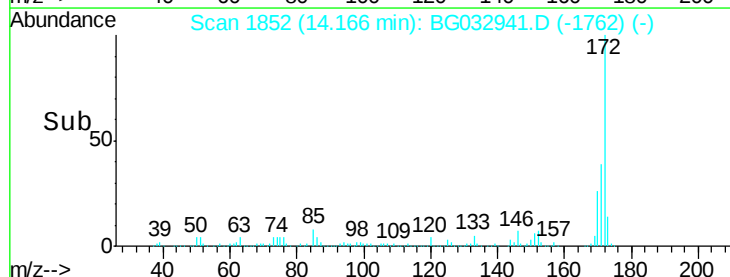
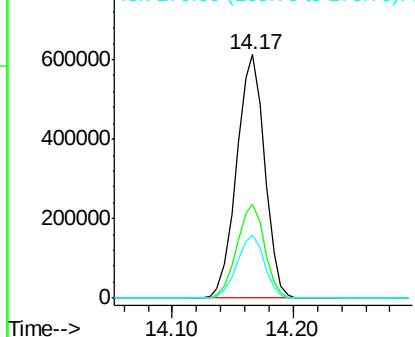


#44
 2-Fluorobiphenyl
 Concen: 85.897 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032941.D
 Acq: 2 Mar 2018 7:26

Tgt Ion:172 Resp: 989006
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.9 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: BG032941.D

Acq: 2 Mar 2018 7:26

Instrument :

BNA_G

ClientSampleId :

19615-19616-19617-19618

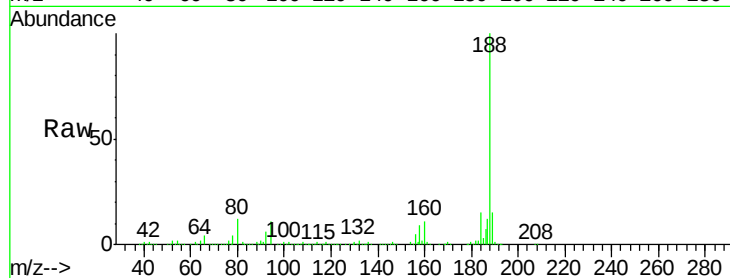
Tot Ion:188 Resp: 358511

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

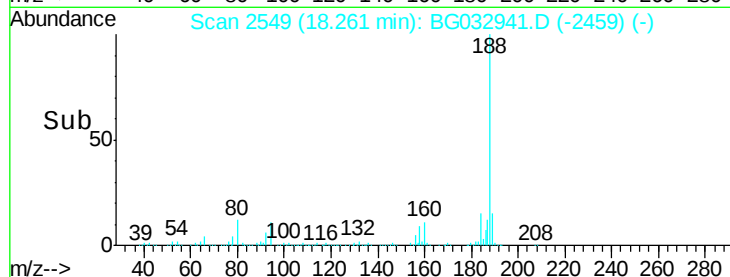
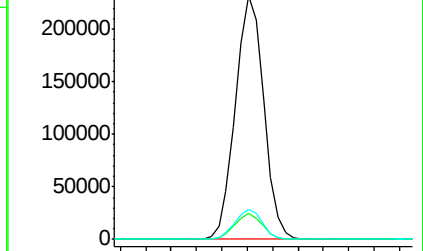
80 12.4 7.7 11.5#



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: BG032941.D

Acq: 2 Mar 2018 7:26

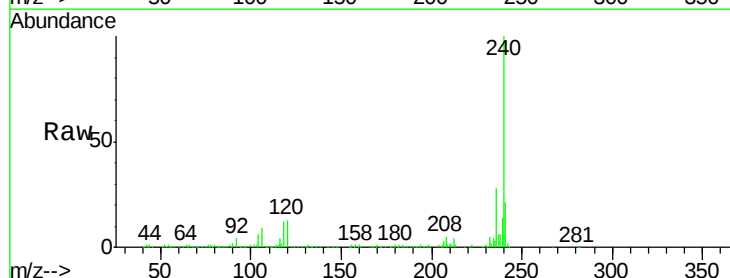
Tgt Ion:240 Resp: 323316

Ion Ratio Lower Upper

240 100

120 13.2 6.8 10.2#

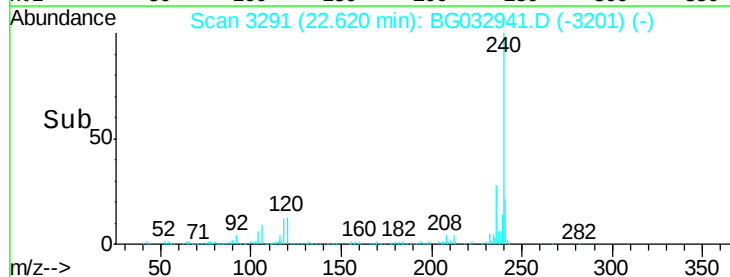
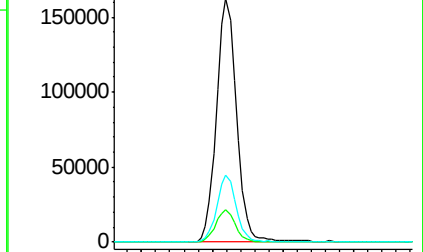
236 27.6 20.9 31.3



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: 93.743 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BG032941.D

Acq: 2 Mar 2018 7:26

Instrument :

BNA_G

ClientSampleId :

19615-19616-19617-19618

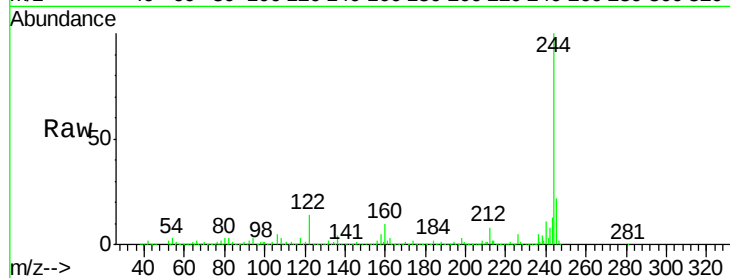
Tot Ion:244 Resp: 1349009

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

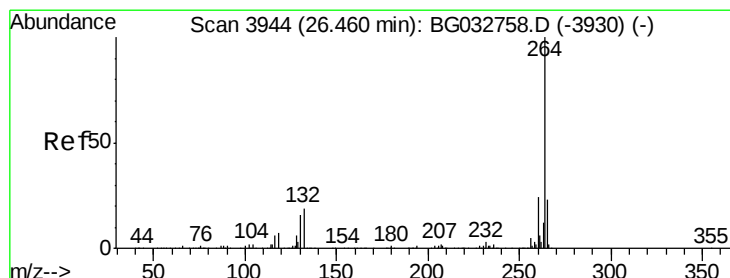
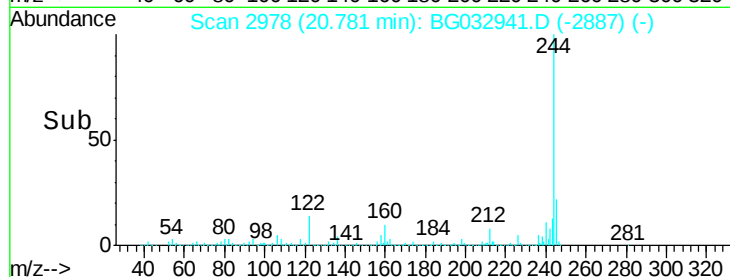
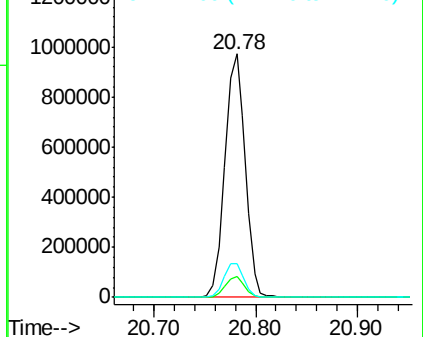
122 13.9 7.0 10.4#



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# 3940

Delta R.T. 0.01 min

Lab File: BG032941.D

Acq: 2 Mar 2018 7:26

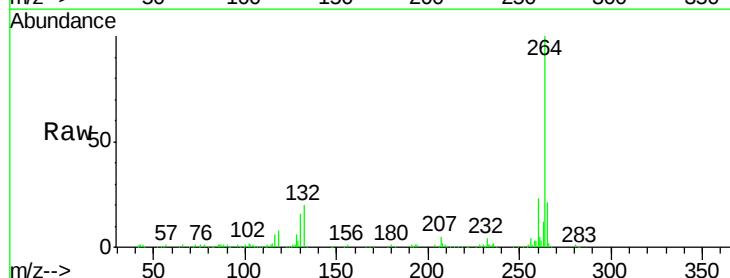
Tgt Ion:264 Resp: 320667

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.2 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

