

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032966.D
 Acq On : 3 Mar 2018 4:51
 Operator : SJ/JU
 Sample : J1756-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030118-B

Quant Time: Mar 03 06:18:55 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	60257	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	261783	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	147456	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	341211	20.00	ng	0.00
75) Chrysene-d12	22.61	240	316980	20.00	ng	-0.01
86) Perylene-d12	26.42	264	309974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	536152	142.35	ng	0.00
7) Phenol-d6	8.01	99	650184	123.85	ng	0.00
23) Nitrobenzene-d5	10.11	82	462349	118.18	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	228546	147.41	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	960982	93.99	ng	0.00
78) Terphenyl-d14	20.78	244	1491767	105.74	ng	0.00

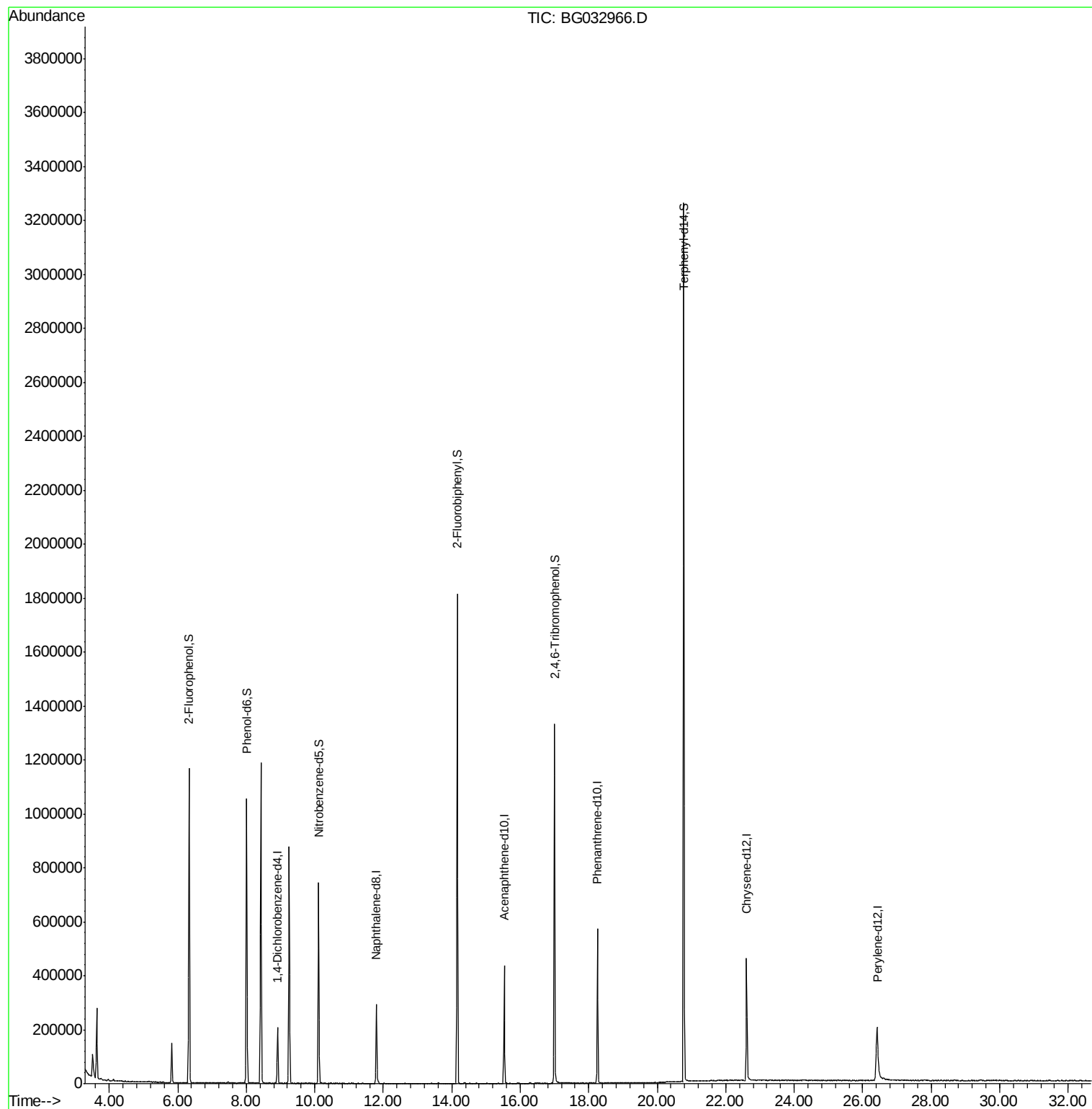
Target Compounds Qvalue

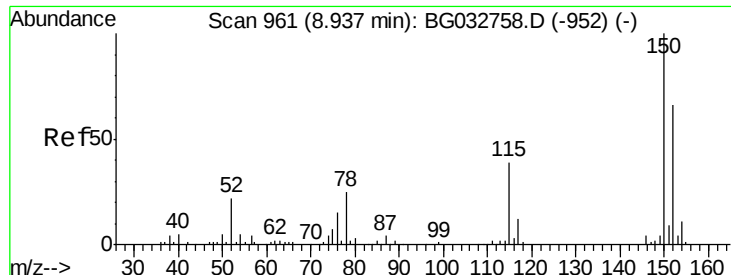
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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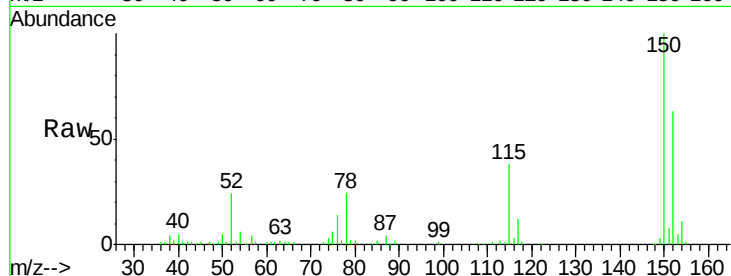


#1

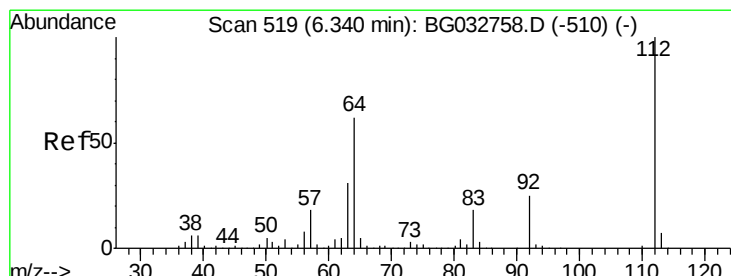
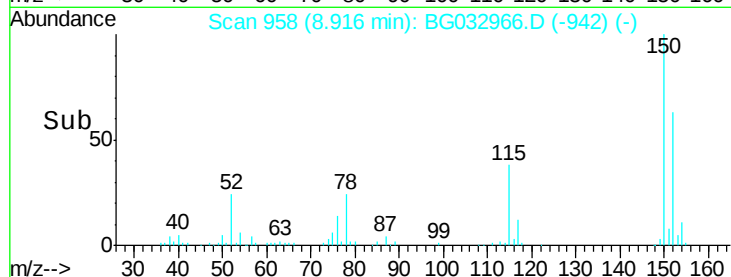
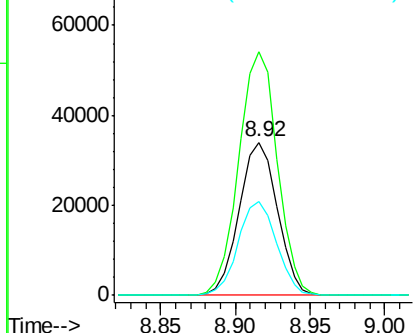
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BG032966.D
 Acq: 3 Mar 2018 4:51

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030118-B

Tot Ion:152 Resp: 60257
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.6 189.8
 115 60.9 53.0 79.4



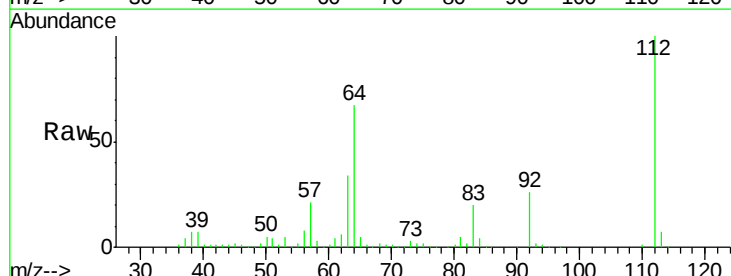
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



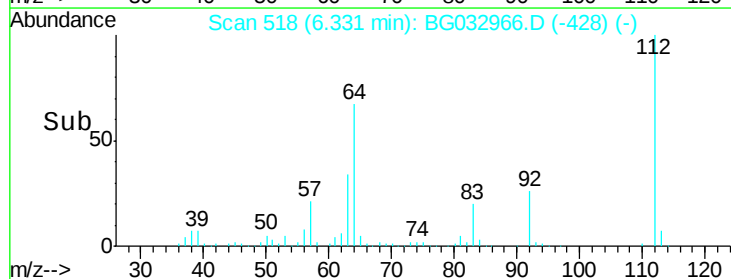
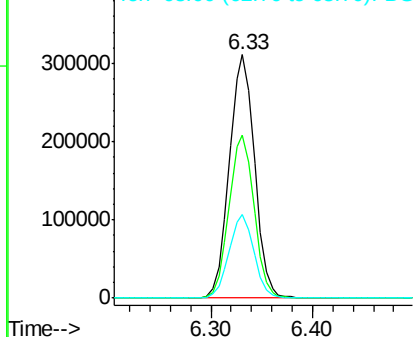
#5

2-Fluorophenol
 Concen: 142.351 ng
 RT: 6.33 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BG032966.D
 Acq: 3 Mar 2018 4:51

Tgt Ion:112 Resp: 536152
 Ion Ratio Lower Upper
 112 100
 64 67.0 56.3 84.5
 63 34.3 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: 123.848 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032966.D

Acq: 3 Mar 2018 4:51

Instrument :

BNA_G

ClientSampleId :

OR-01-030118-B

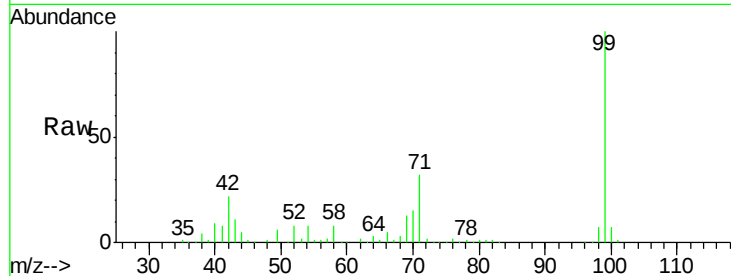
Tot Ion: 99 Resp: 650184

Ion Ratio Lower Upper

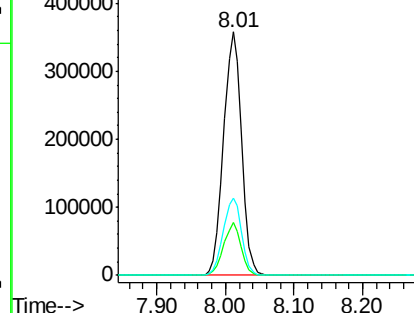
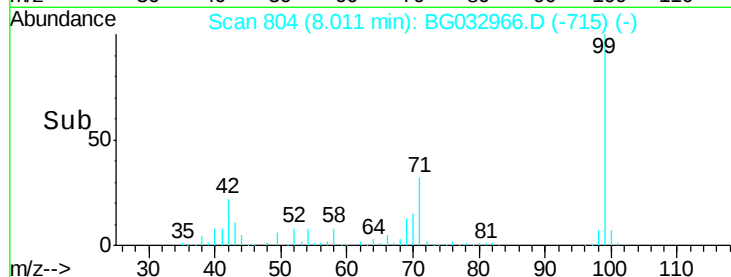
99 100

42 21.6 14.1 21.1#

71 31.9 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# 1449

Delta R.T. -0.00 min

Lab File: BG032966.D

Acq: 3 Mar 2018 4:51

Tgt Ion: 136 Resp: 261783

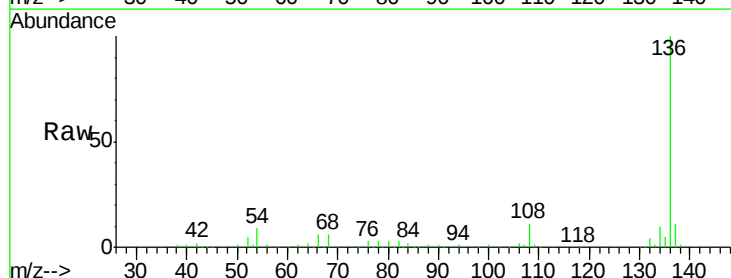
Ion Ratio Lower Upper

136 100

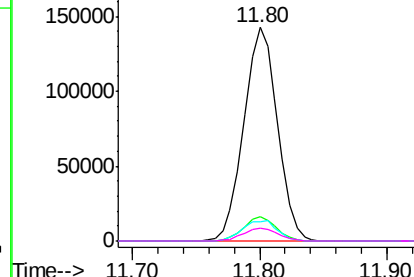
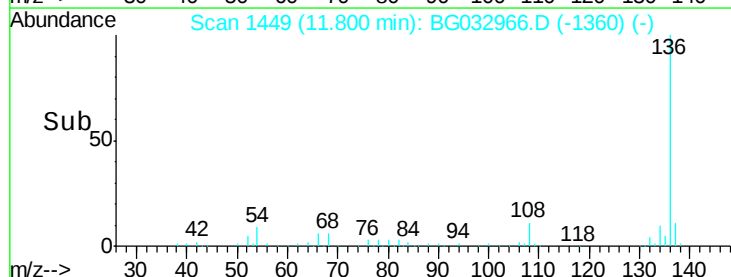
137 11.2 9.2 13.8

54 9.2 10.3 15.5#

68 6.3 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

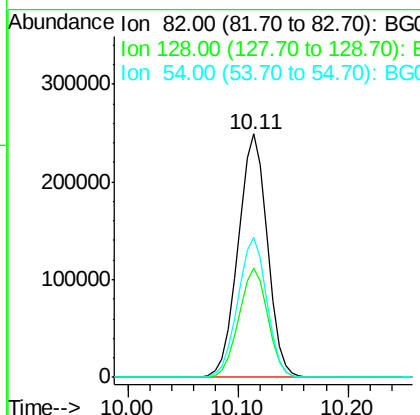
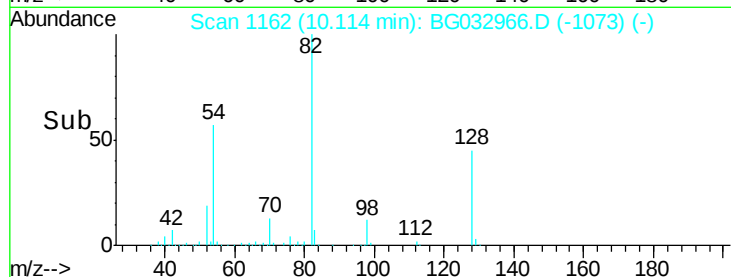
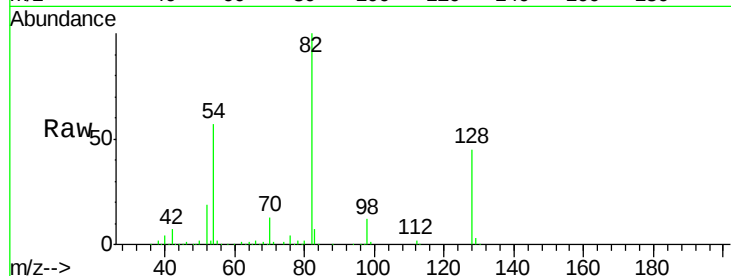




#23
 Nitrobenzene-d5
 Concen: 118.182 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG032966.D
 Acq: 3 Mar 2018 4:51

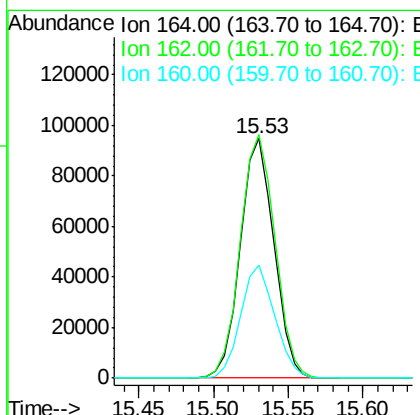
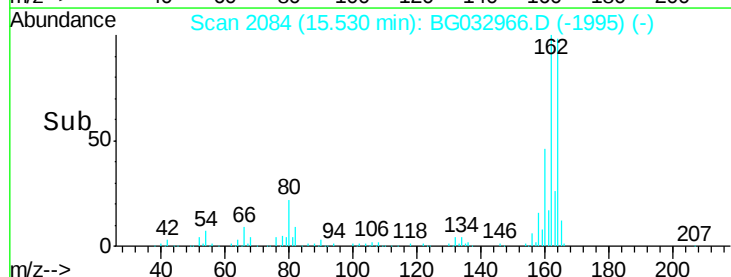
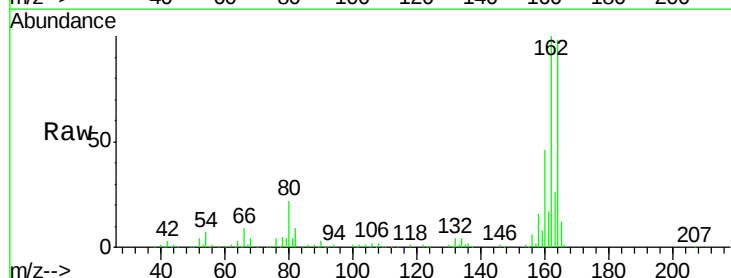
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030118-B

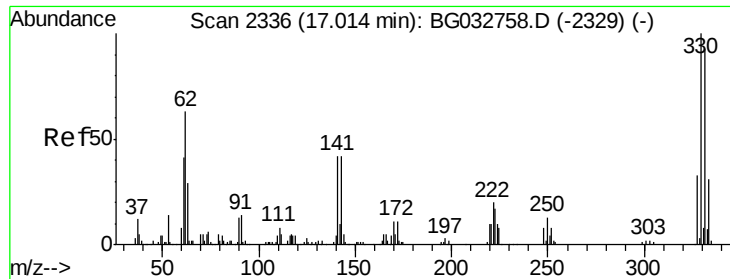
Tot Ion: 82 Resp: 462349
 Ion Ratio Lower Upper
 82 100
 128 44.8 29.7 44.5#
 54 57.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG032966.D
 Acq: 3 Mar 2018 4:51

Tgt Ion: 164 Resp: 147456
 Ion Ratio Lower Upper
 164 100
 162 101.7 78.8 118.2
 160 47.1 35.4 53.0

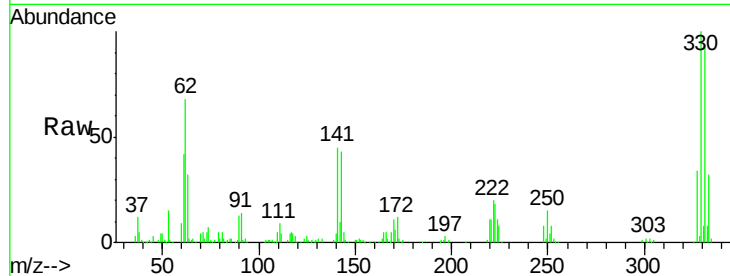




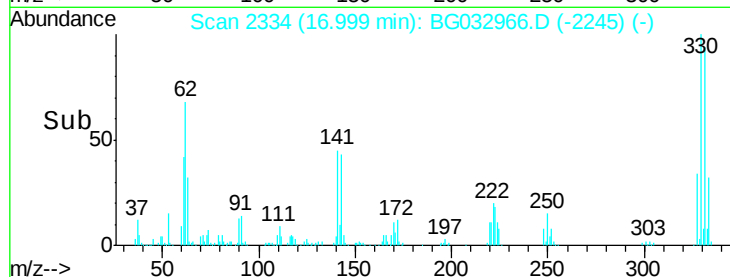
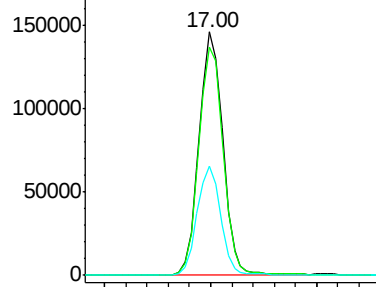
#41
 2,4,6-Tribromophenol
 Concen: 147.406 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG032966.D
 Acq: 3 Mar 2018 4:51

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030118-B

Tot Ion:330 Resp: 228546
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 44.6 25.2 37.8#

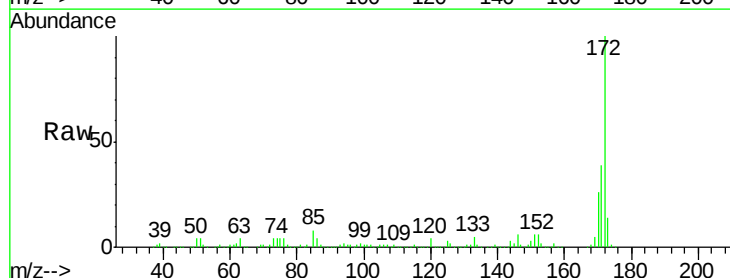


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

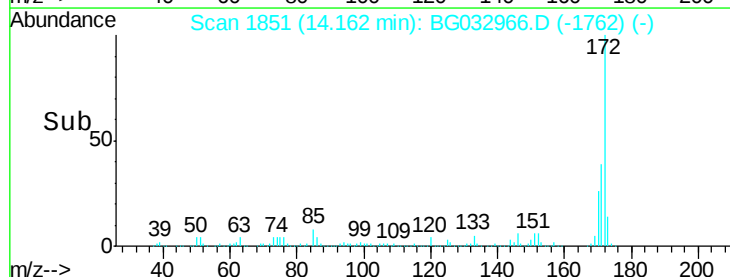
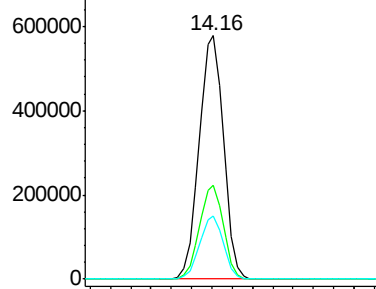


#44
 2-Fluorobiphenyl
 Concen: 93.993 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032966.D
 Acq: 3 Mar 2018 4:51

Tgt Ion:172 Resp: 960982
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 26.1 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# 2548

Delta R.T. -0.00 min

Lab File: BG032966.D

Acq: 3 Mar 2018 4:51

Instrument :

BNA_G

ClientSampleId :

OR-01-030118-B

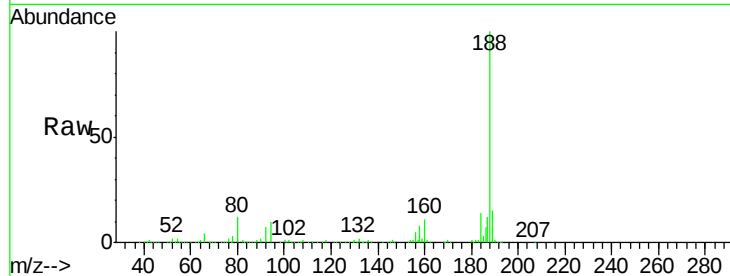
Tot Ion:188 Resp: 341211

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

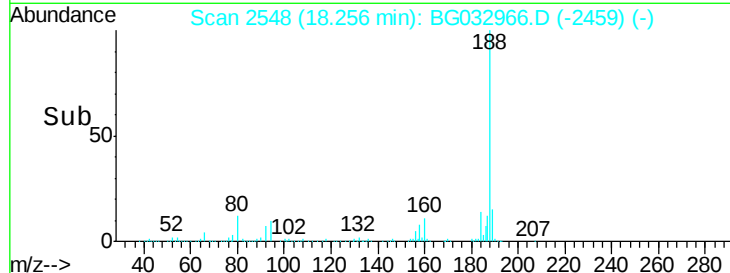
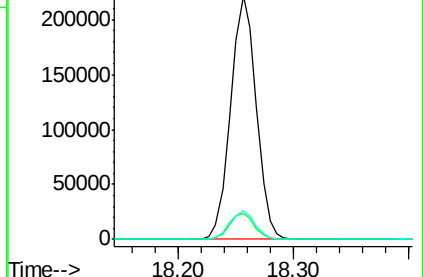
80 11.6 7.7 11.5#



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# 3289

Delta R.T. -0.01 min

Lab File: BG032966.D

Acq: 3 Mar 2018 4:51

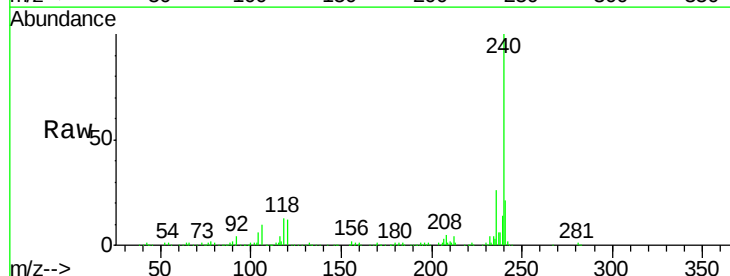
Tgt Ion:240 Resp: 316980

Ion Ratio Lower Upper

240 100

120 12.3 6.8 10.2#

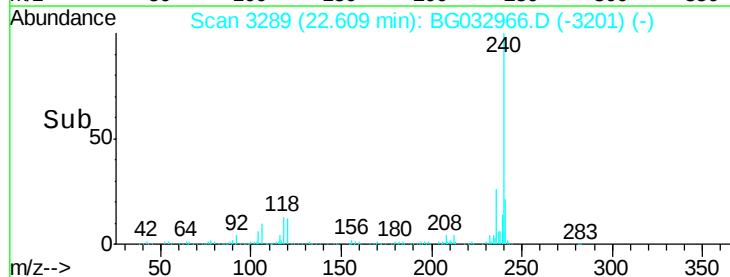
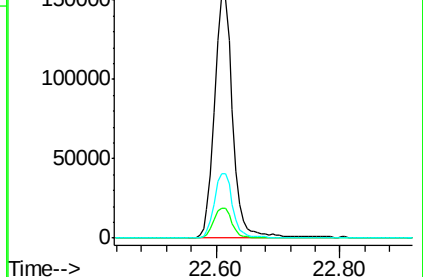
236 26.3 20.9 31.3

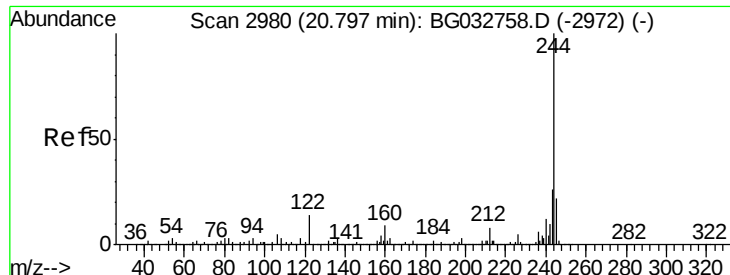


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.735 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

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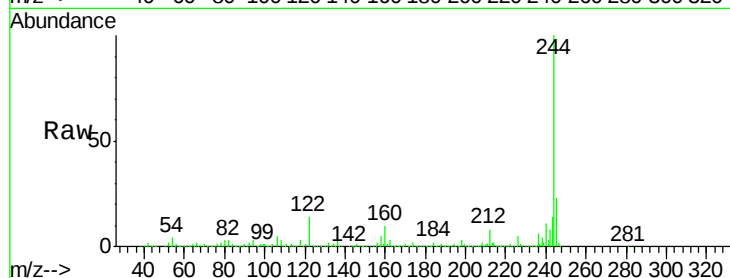
Tot Ion:244 Resp: 1491767

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

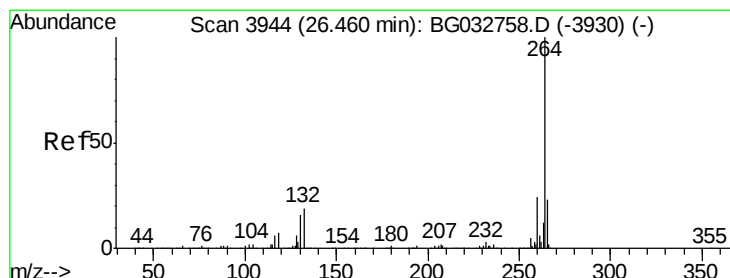
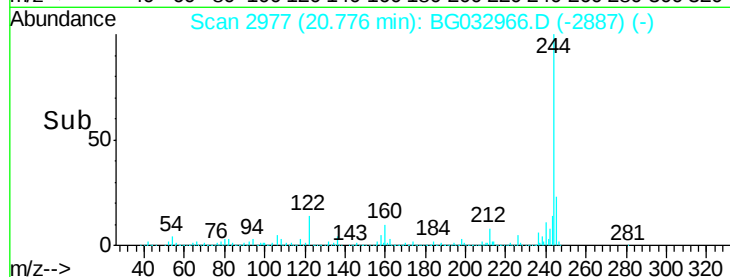
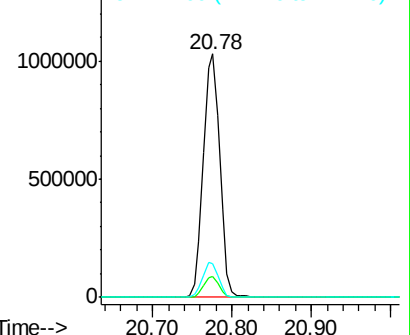
122 13.9 7.0 10.4#



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: 26.42 min Scan# 3938

Delta R.T. -0.00 min

Lab File: BG032966.D

Acq: 3 Mar 2018 4:51

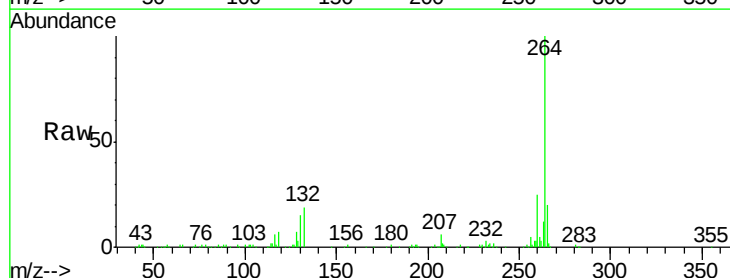
Tgt Ion:264 Resp: 309974

Ion Ratio Lower Upper

264 100

260 25.2 17.4 26.0

265 20.4 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

