

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032735.D
 Acq On : 16 Feb 2018 5:34
 Operator : SJ/JU
 Sample : J1402-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-021418-B

Quant Time: Feb 16 07:34:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	20586	20.00	ng	-0.05
21) Naphthalene-d8	11.51	136	79343	20.00	ng	-0.04
38) Acenaphthene-d10	15.27	164	63470	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	175606	20.00	ng	-0.04
75) Chrysene-d12	22.33	240	253968	20.00	ng	-0.04
86) Perylene-d12	25.96	264	120966	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	136660	133.19	ng	-0.03
7) Phenol-d6	7.75	99	138144	98.46	ng	-0.04
23) Nitrobenzene-d5	9.83	82	126539	101.36	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	153830	157.40	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	453818	89.41	ng	-0.04
78) Terphenyl-d14	20.56	244	1080636	96.98	ng	-0.02

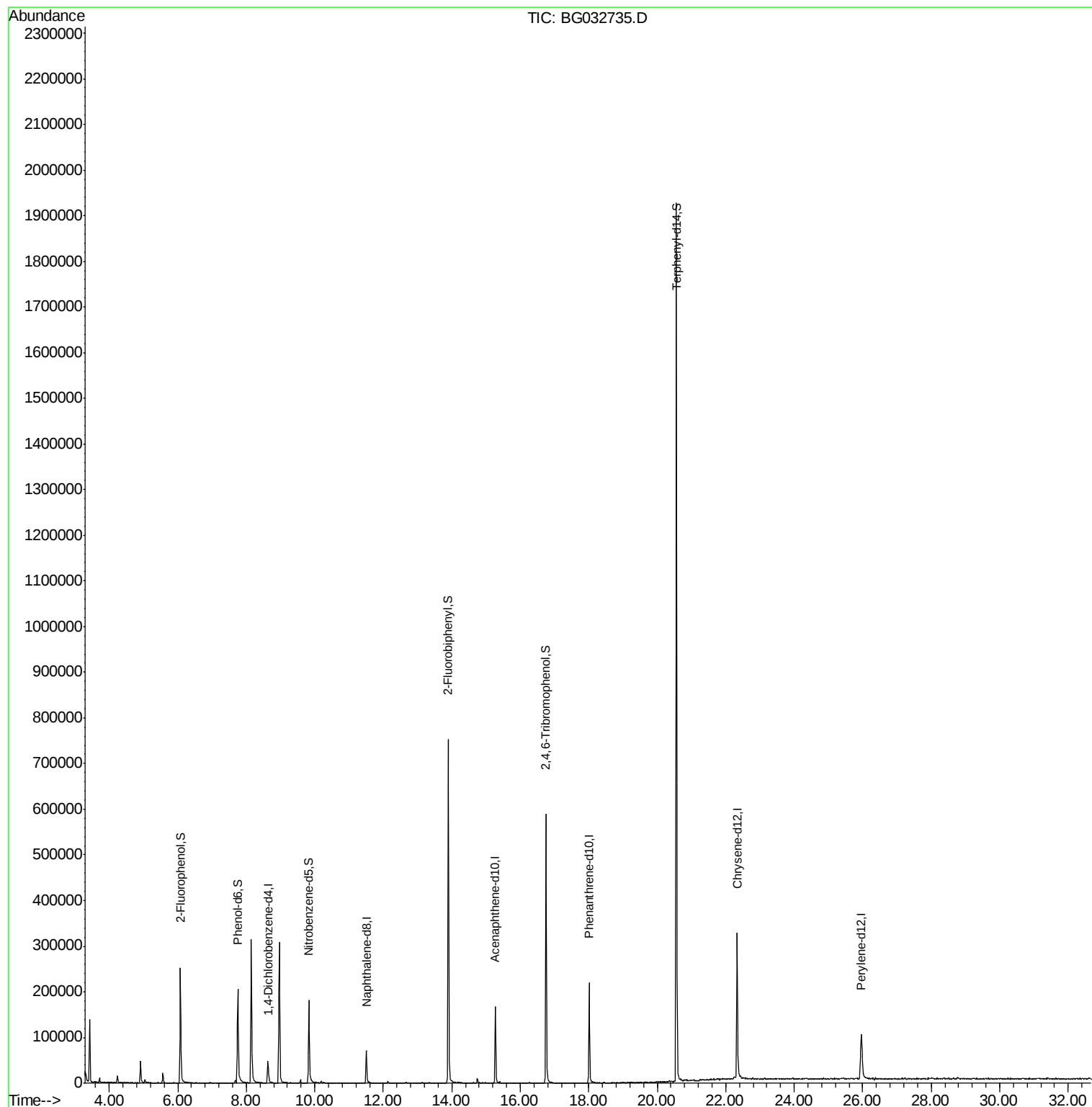
Target Compounds Qvalue

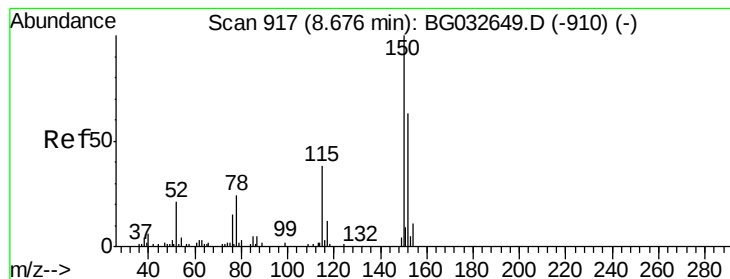
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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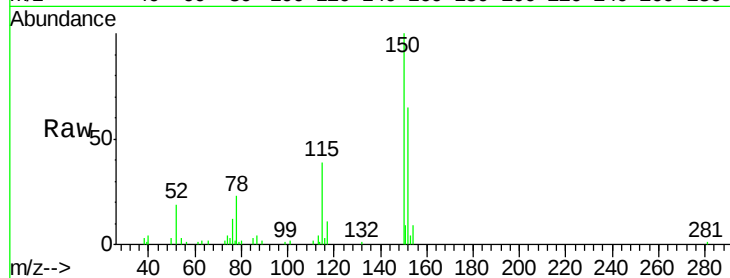


#1

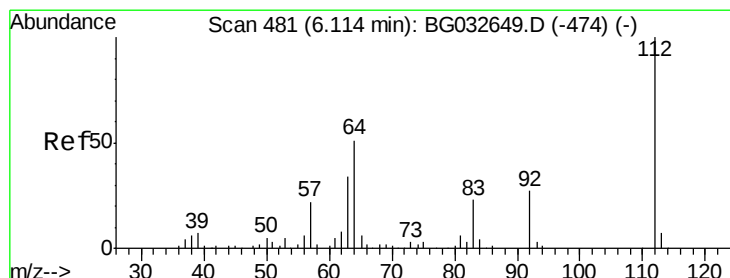
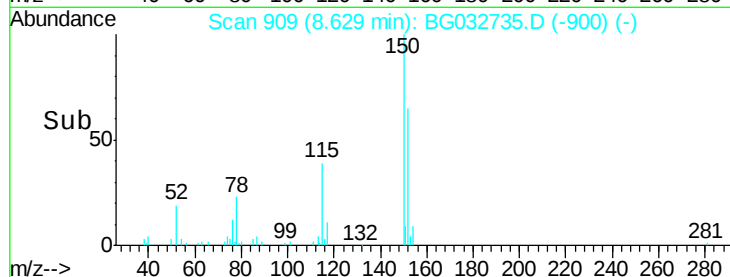
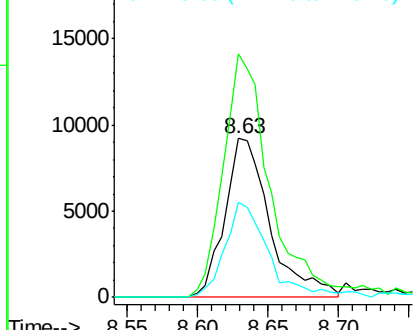
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032735.D
Acq: 16 Feb 2018 5:34

Instrument :
BNA_G
ClientSampleId :
PL-01-021418-B

Tot Ion:152 Resp: 20586
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 59.5 53.0 79.4



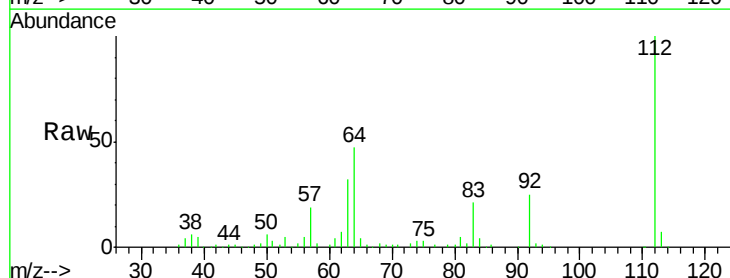
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



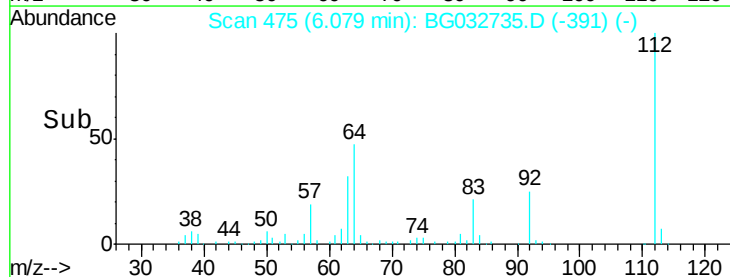
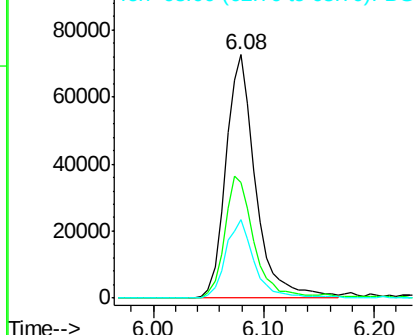
#5

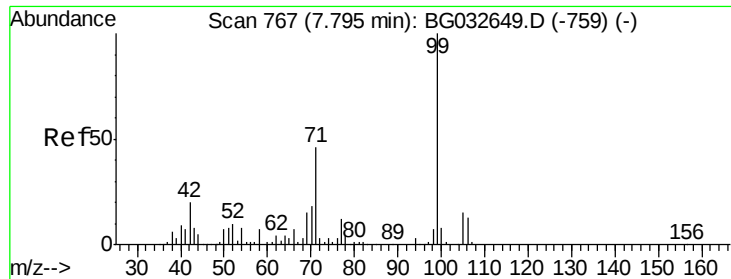
2-Fluorophenol
Concen: 133.191 ng
RT: 6.08 min Scan# 475
Delta R.T. -0.03 min
Lab File: BG032735.D
Acq: 16 Feb 2018 5:34

Tgt Ion:112 Resp: 136660
Ion Ratio Lower Upper
112 100
64 47.3 56.3 84.5#
63 32.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 98.463 ng

RT: 7.75 min Scan# 760

Delta R.T. -0.04 min

Lab File: BG032735.D

Acq: 16 Feb 2018 5:34

Instrument :

BNA_G

ClientSampleId :

PL-01-021418-B

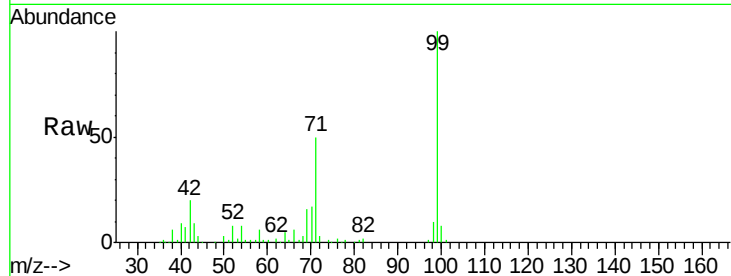
Tot Ion: 99 Resp: 138144

Ion Ratio Lower Upper

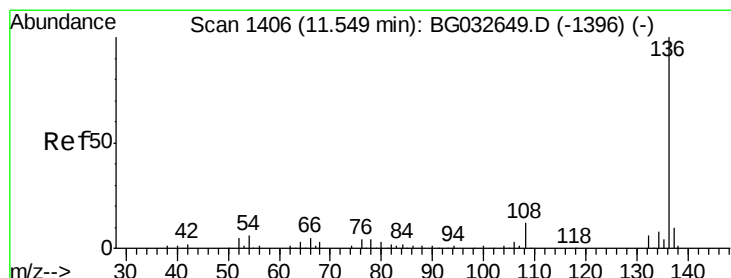
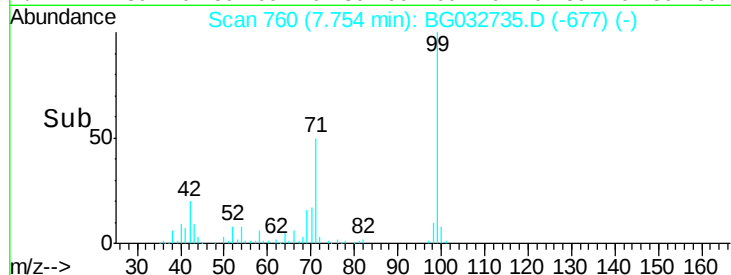
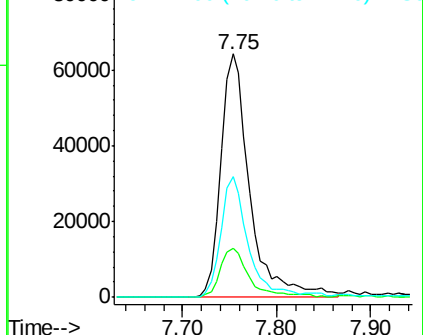
99 100

42 20.1 14.1 21.1

71 49.8 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: 11.51 min Scan# 1399

Delta R.T. -0.04 min

Lab File: BG032735.D

Acq: 16 Feb 2018 5:34

Tgt Ion: 136 Resp: 79343

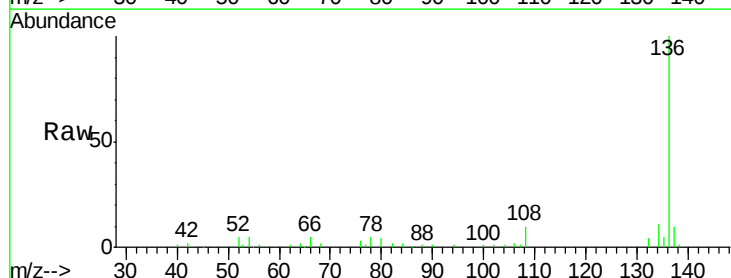
Ion Ratio Lower Upper

136 100

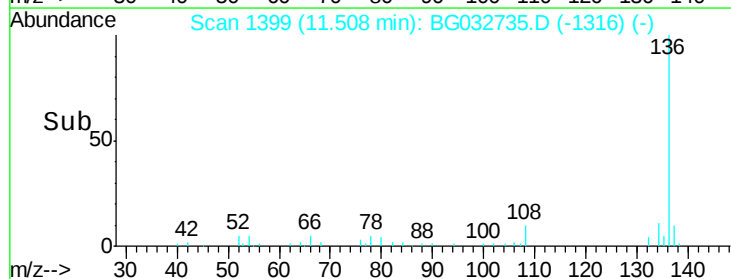
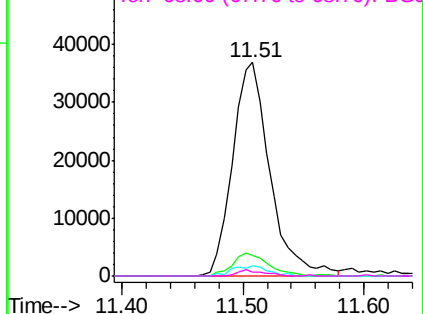
137 9.7 9.2 13.8

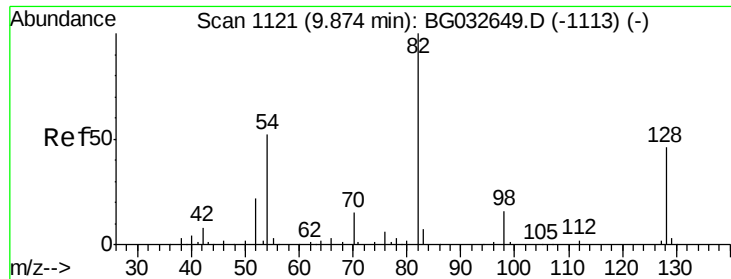
54 5.0 10.3 15.5#

68 2.0 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

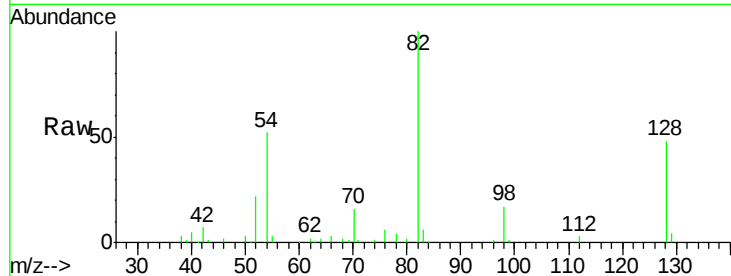




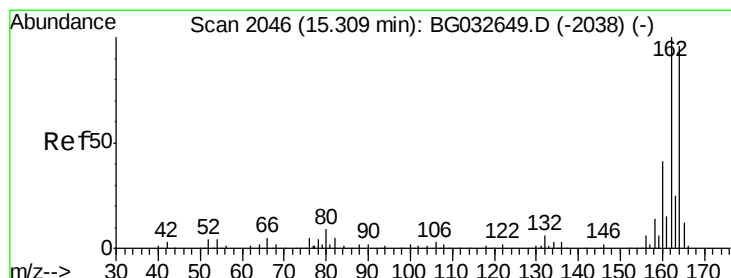
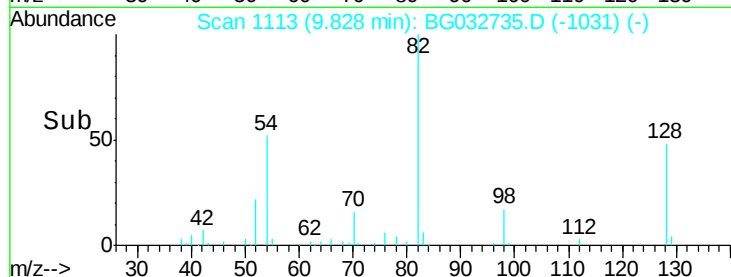
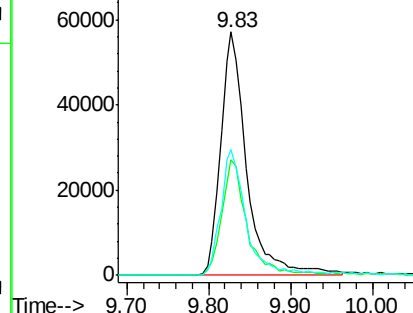
#23
Nitrobenzene-d5
Concen: 101.360 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.05 min
Lab File: BG032735.D
Acq: 16 Feb 2018 5:34

Instrument :
BNA_G
ClientSampleId :
PL-01-021418-B

Tot Ion: 82 Resp: 126539
Ion Ratio Lower Upper
82 100
128 47.7 29.7 44.5#
54 51.8 43.1 64.7

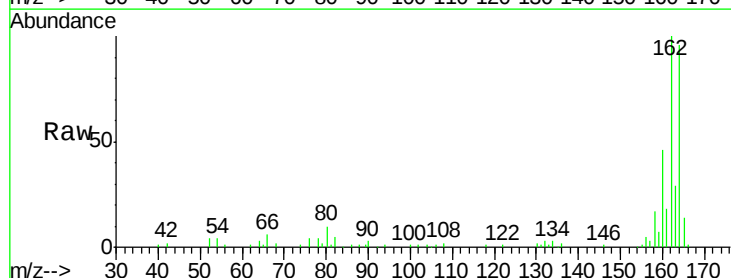


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

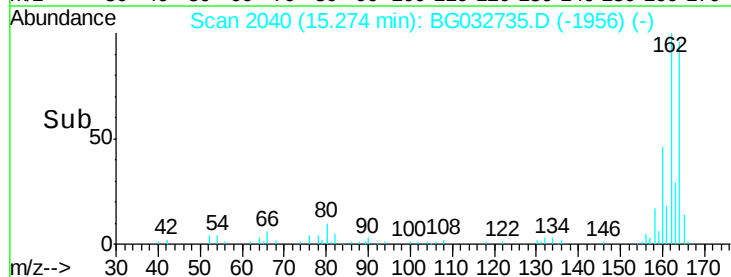
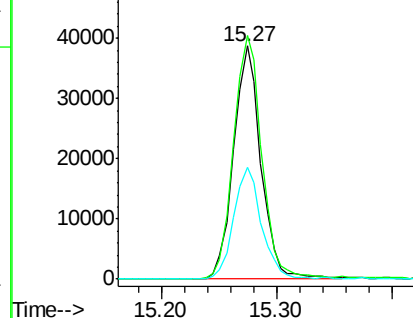


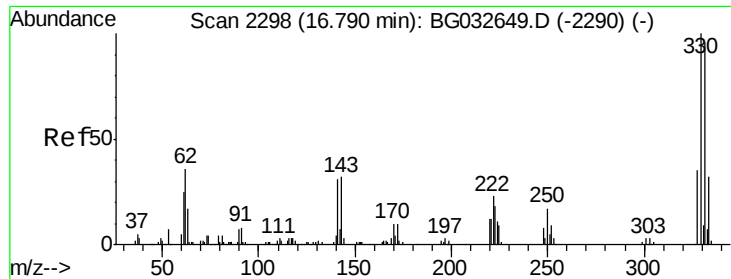
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.27 min Scan# 2040
Delta R.T. -0.04 min
Lab File: BG032735.D
Acq: 16 Feb 2018 5:34

Tgt Ion:164 Resp: 63470
Ion Ratio Lower Upper
164 100
162 104.4 78.8 118.2
160 47.8 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

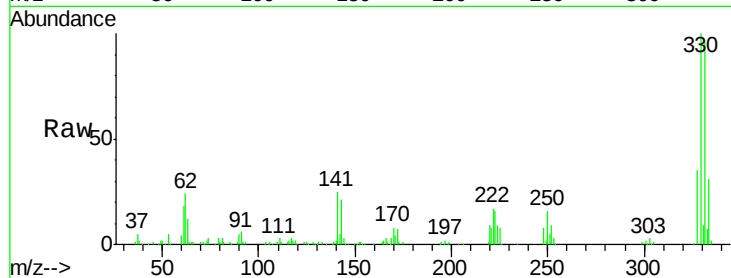




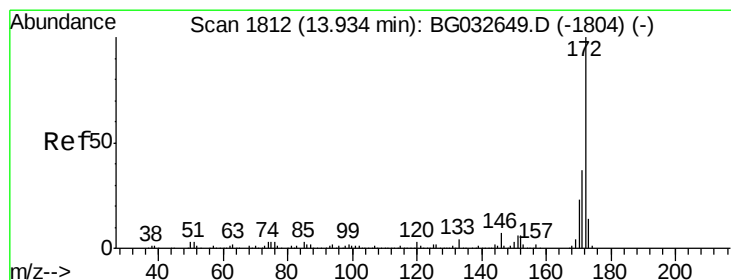
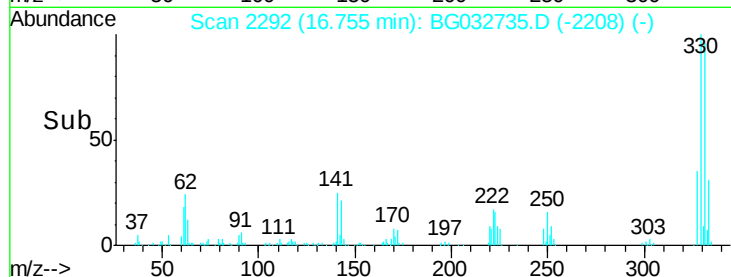
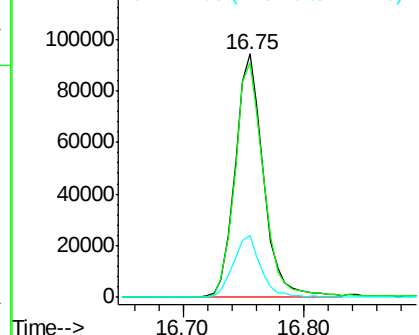
#41
 2,4,6-Tribromophenol
 Concen: 157.402 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. -0.04 min
 Lab File: BG032735.D
 Acq: 16 Feb 2018 5:34

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-021418-B

Tot Ion:330 Resp: 153830
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 25.1 25.2 37.8#

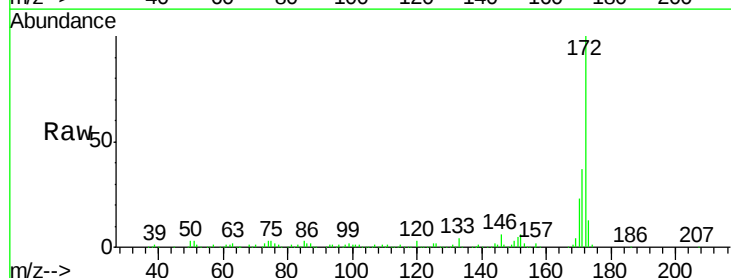


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

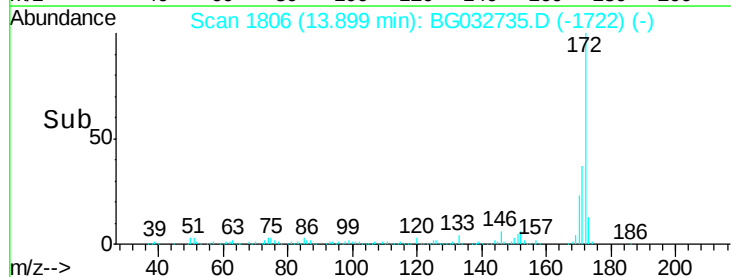
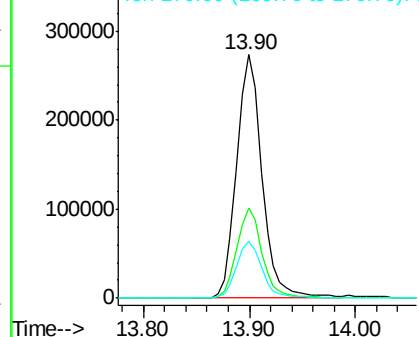


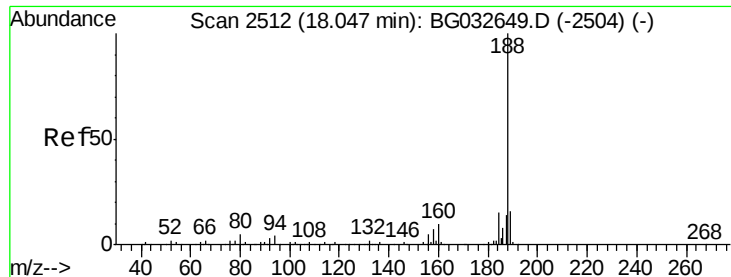
#44
 2-Fluorobiphenyl
 Concen: 89.414 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.04 min
 Lab File: BG032735.D
 Acq: 16 Feb 2018 5:34

Tgt Ion:172 Resp: 453818
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 23.1 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: 18.01 min Scan# 2506

Delta R.T. -0.04 min

Lab File: BG032735.D

Acq: 16 Feb 2018 5:34

Instrument :

BNA_G

ClientSampleId :

PL-01-021418-B

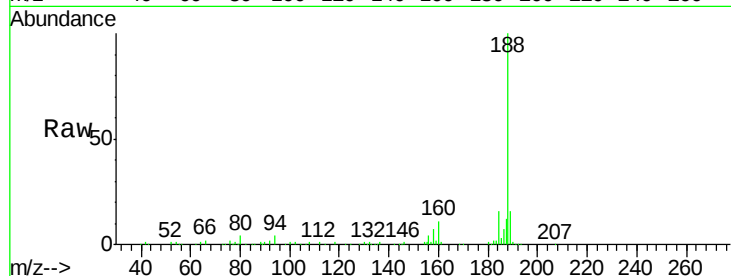
Tot Ion:188 Resp: 175606

Ion Ratio Lower Upper

188 100

94 4.4 6.9 10.3#

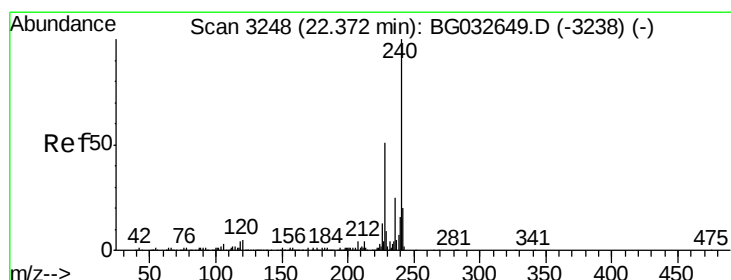
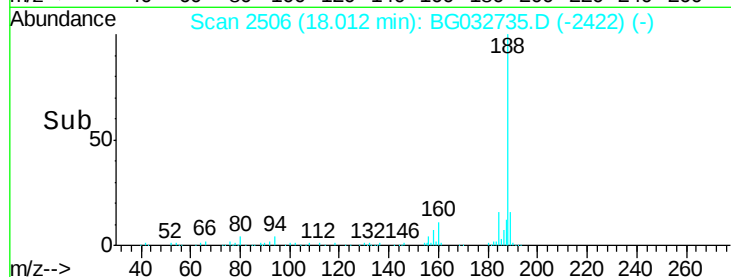
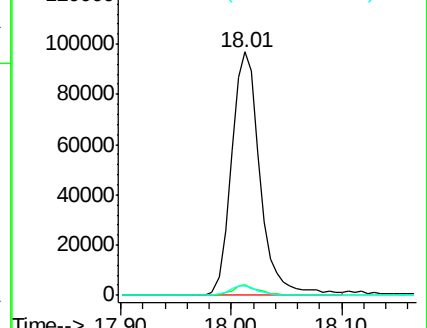
80 4.0 7.7 11.5#



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: 22.33 min Scan# 3241

Delta R.T. -0.04 min

Lab File: BG032735.D

Acq: 16 Feb 2018 5:34

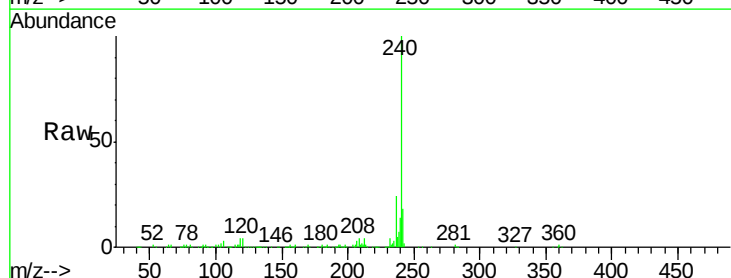
Tgt Ion:240 Resp: 253968

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

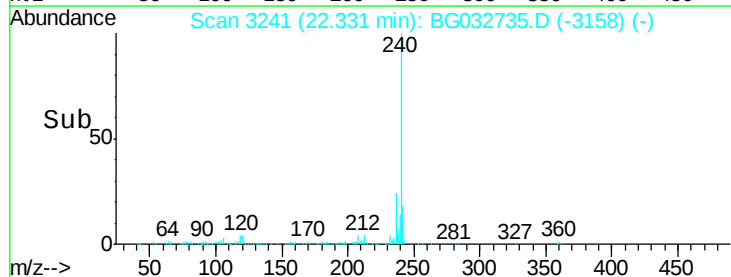
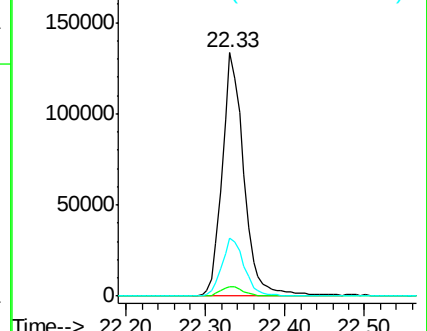
236 23.7 20.9 31.3

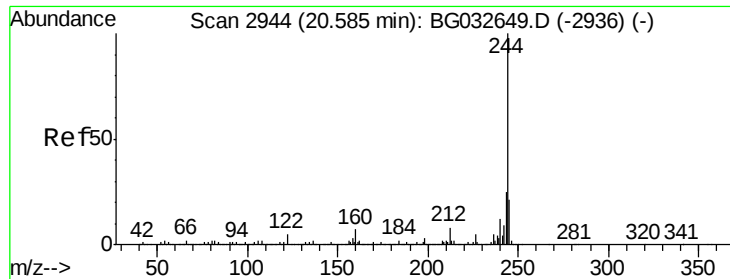


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.981 ng

RT: 20.56 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BG032735.D

Acq: 16 Feb 2018 5:34

Instrument :

BNA_G

ClientSampleId :

PL-01-021418-B

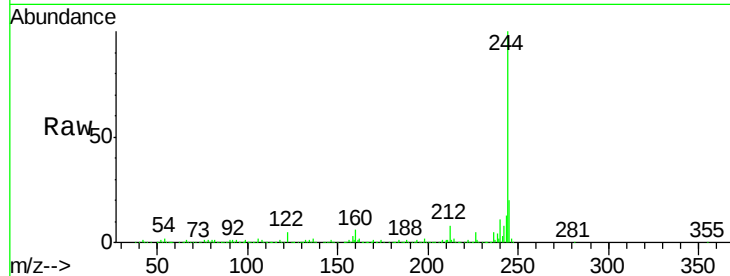
Tot Ion:244 Resp: 1080636

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

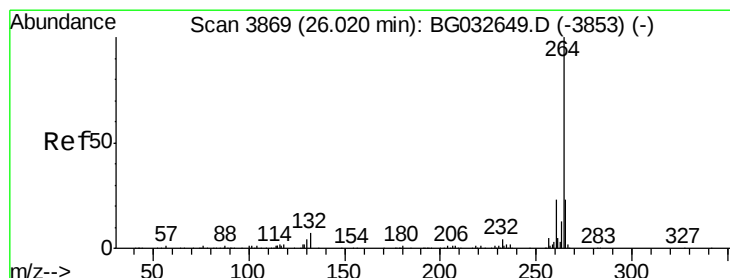
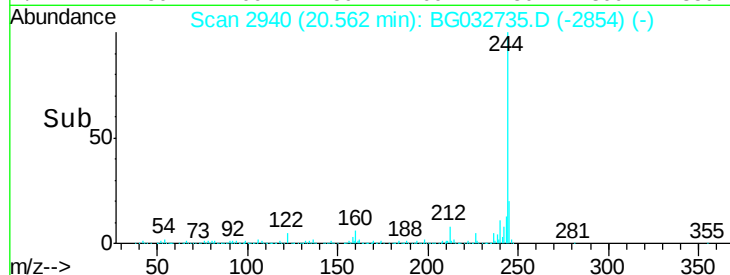
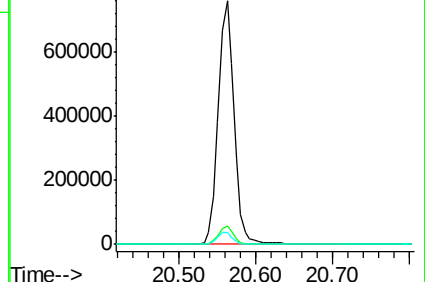
122 4.9 7.0 10.4#



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: 25.96 min Scan# 3859

Delta R.T. -0.06 min

Lab File: BG032735.D

Acq: 16 Feb 2018 5:34

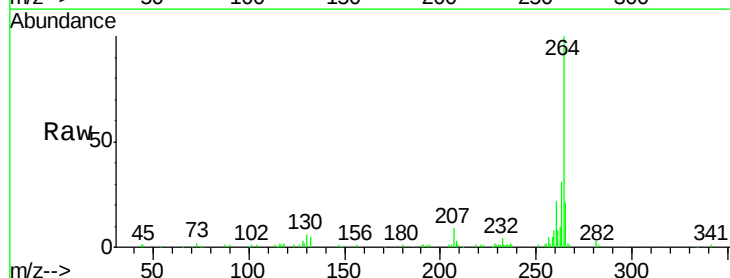
Tgt Ion:264 Resp: 120966

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 20.6 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

