

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032666.D
 Acq On : 13 Feb 2018 18:35
 Operator : SJ/JU
 Sample : J1398-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-021218

Quant Time: Feb 14 03:24:45 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	8.67	152	35501	20.00	ng	0.00
21) Naphthalene-d8	11.54	136	144547	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	106658	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	277309	20.00	ng	0.00
75) Chrysene-d12	22.37	240	357235	20.00	ng	0.00
86) Perylene-d12	26.02	264	364571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	258371	146.02	ng	0.00
7) Phenol-d6	7.79	99	280034	115.74	ng	0.00
23) Nitrobenzene-d5	9.87	82	225932	99.34	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	216512	131.83	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	785190	92.06	ng	0.00
78) Terphenyl-d14	20.59	244	1556269	99.29	ng	0.00

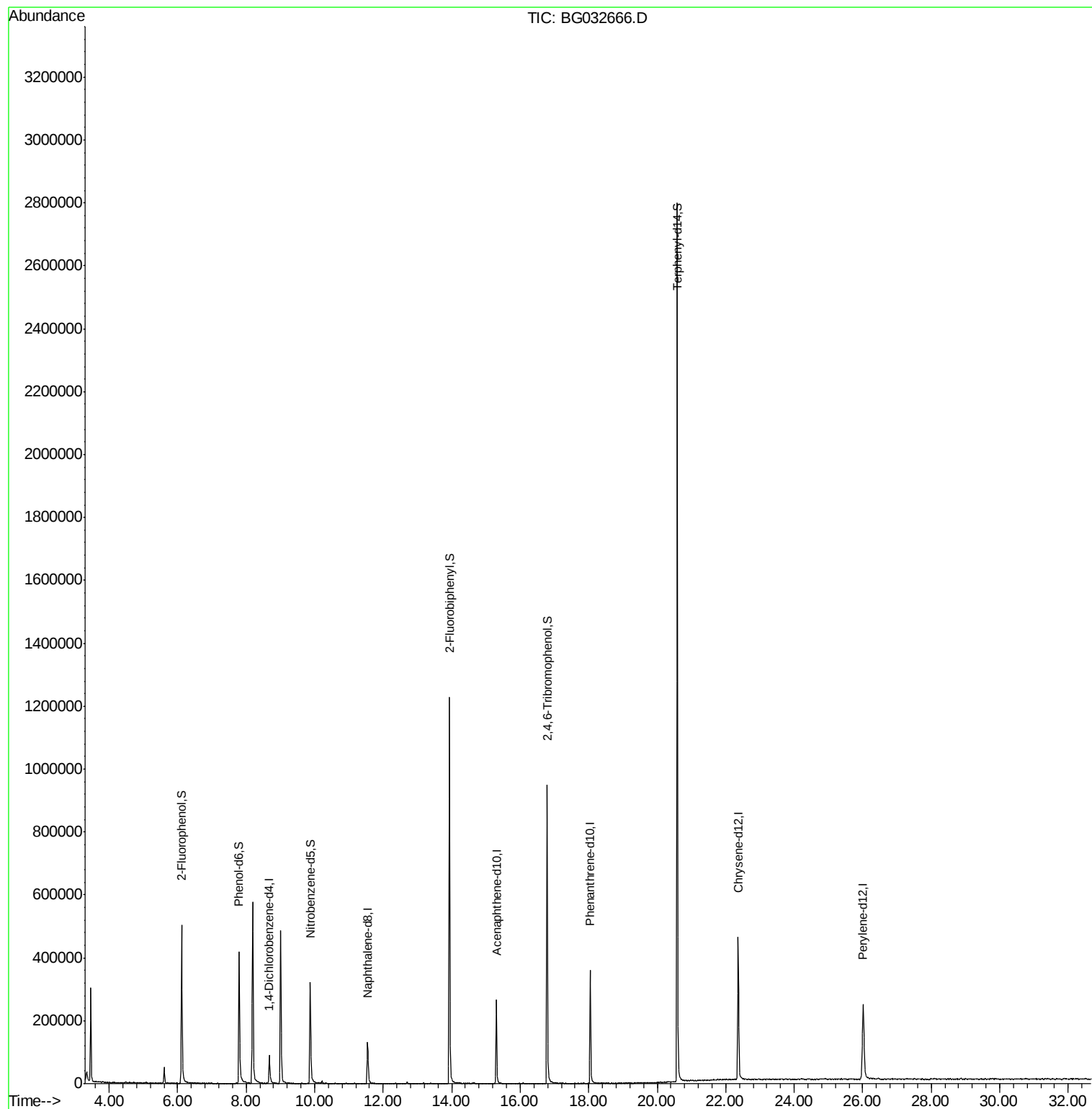
Target Compounds Qvalue

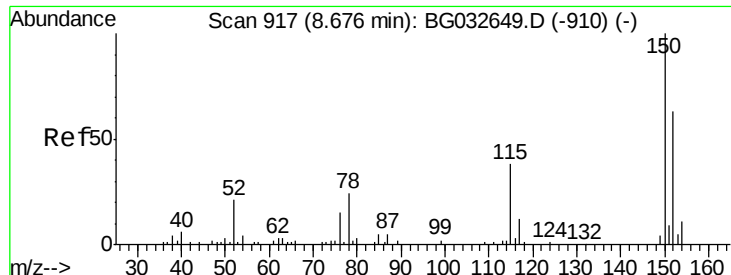
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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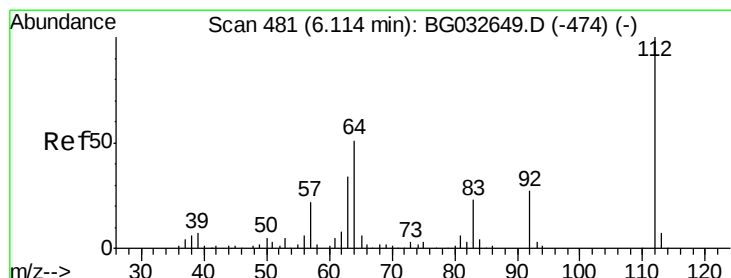
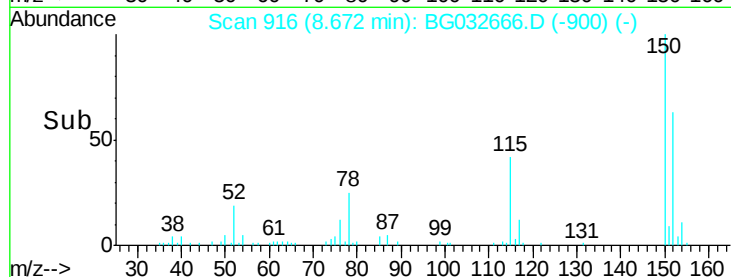
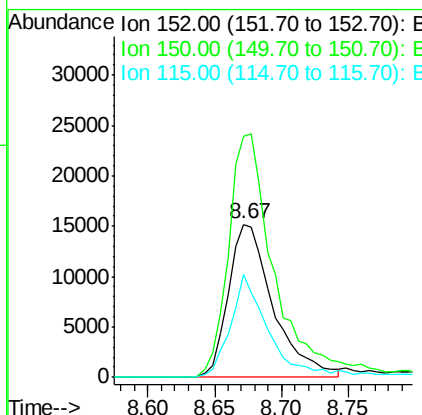
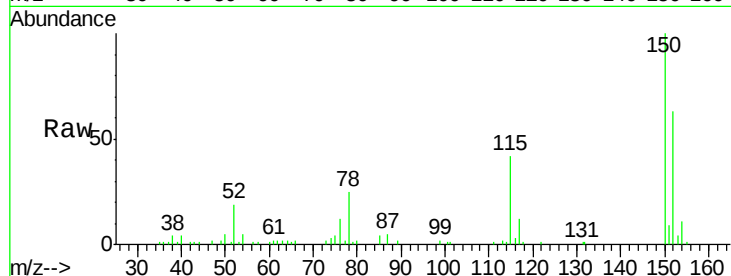


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :
OK-02-021218

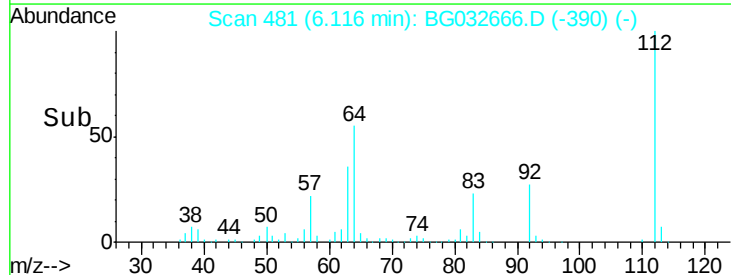
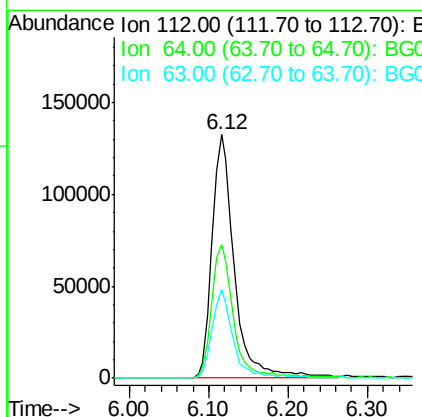
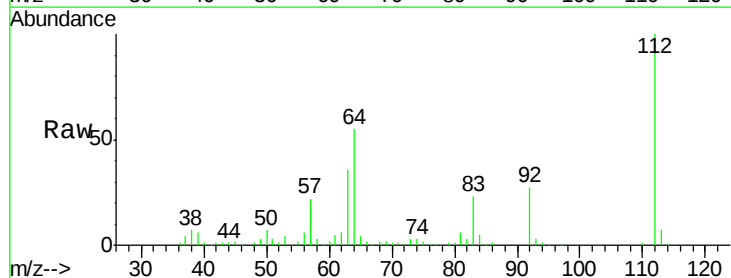
Tot Ion:152 Resp: 35501
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 67.1 53.0 79.4

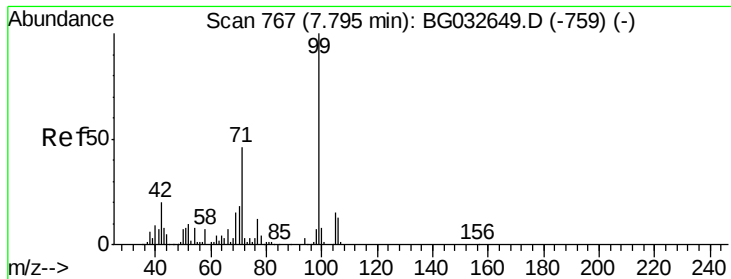


#5

2-Fluorophenol
Concen: 146.019 ng
RT: 6.12 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion:112 Resp: 258371
Ion Ratio Lower Upper
112 100
64 54.9 56.3 84.5#
63 36.3 30.1 45.1





#7

Phenol-d6

Concen: 115.740 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG032666.D

Acq: 13 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

OK-02-021218

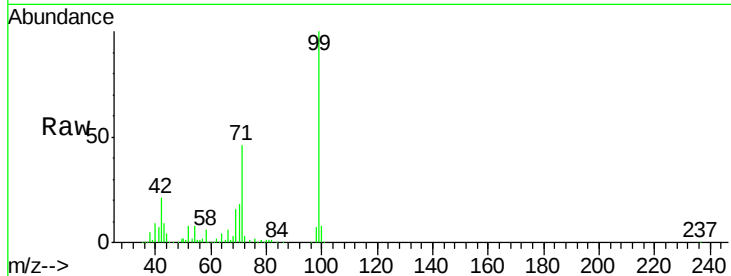
Tot Ion: 99 Resp: 280034

Ion Ratio Lower Upper

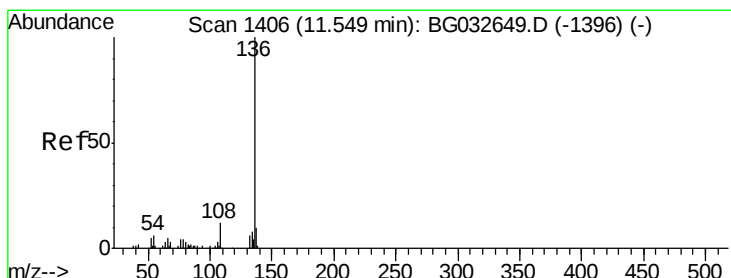
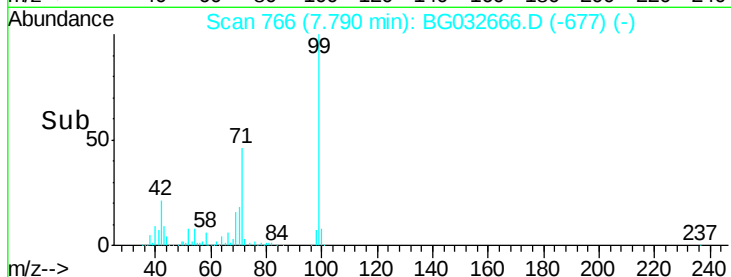
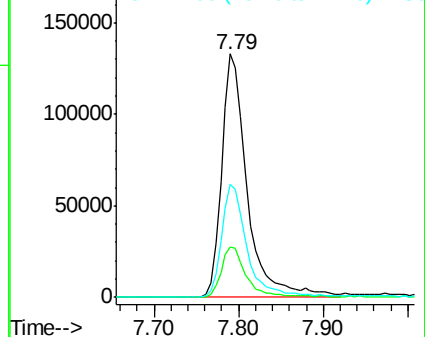
99 100

42 20.8 14.1 21.1

71 46.5 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: 11.54 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG032666.D

Acq: 13 Feb 2018 18:35

Tgt Ion: 136 Resp: 144547

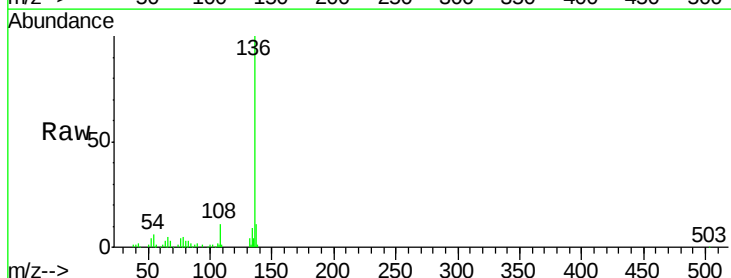
Ion Ratio Lower Upper

136 100

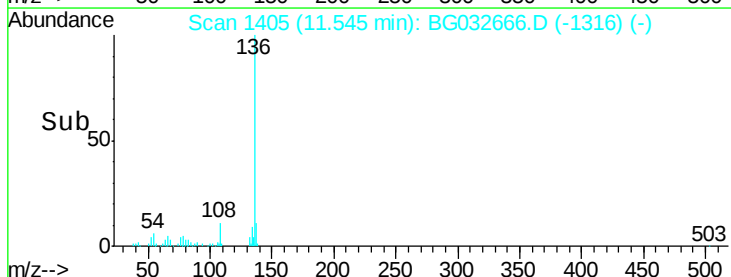
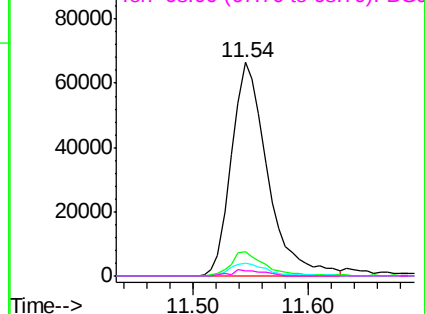
137 11.1 9.2 13.8

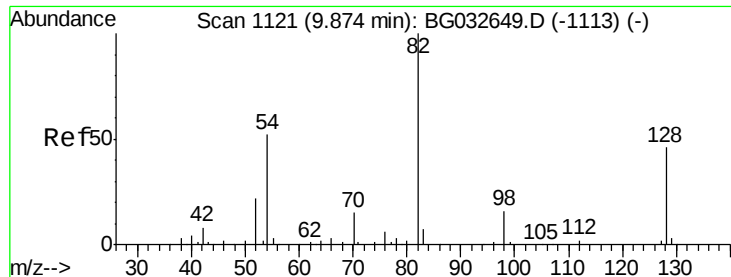
54 5.8 10.3 15.5#

68 2.5 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

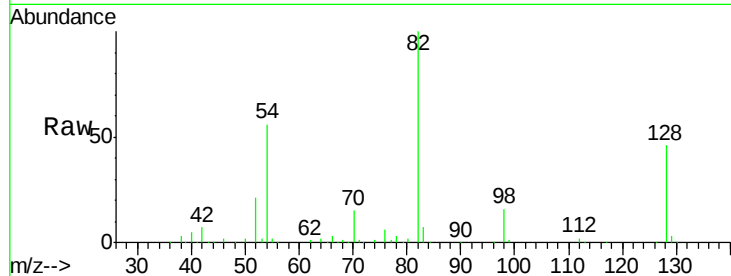




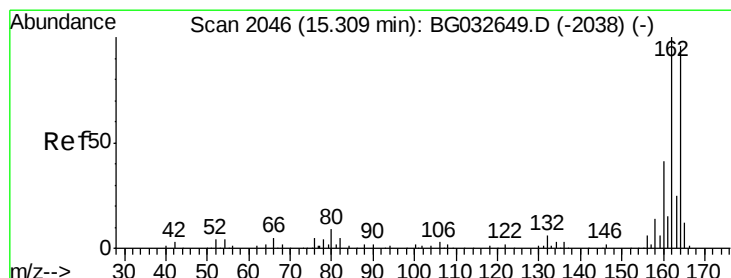
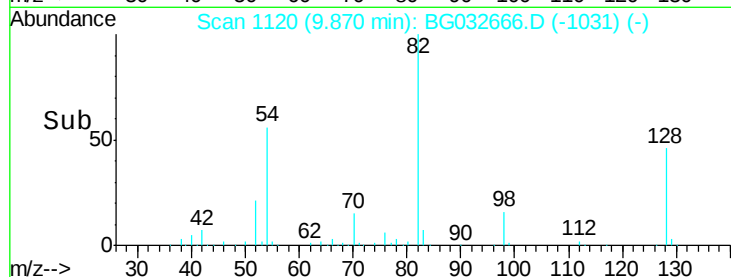
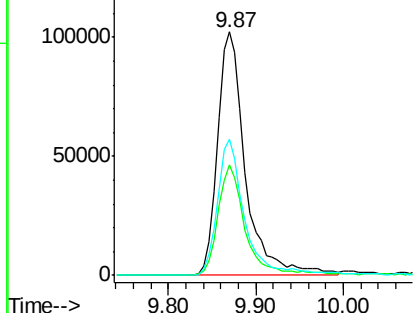
#23
Nitrobenzene-d5
Concen: 99.339 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampled :
OK-02-021218

Tot Ion: 82 Resp: 225932
Ion Ratio Lower Upper
82 100
128 45.6 29.7 44.5#
54 55.7 43.1 64.7

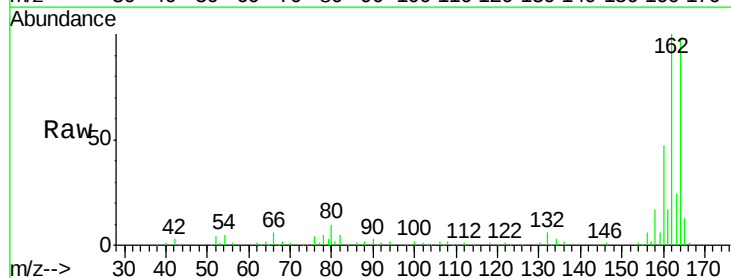


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

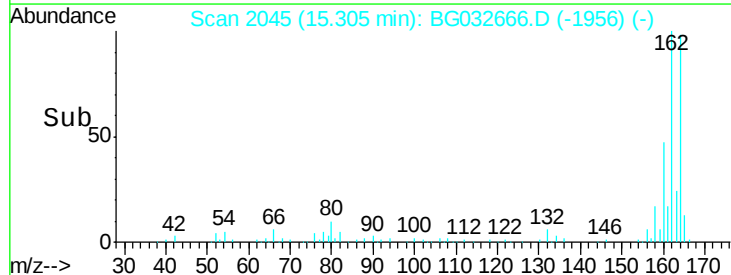
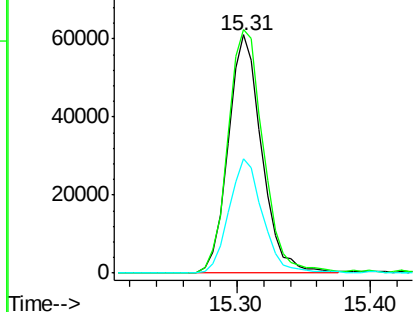


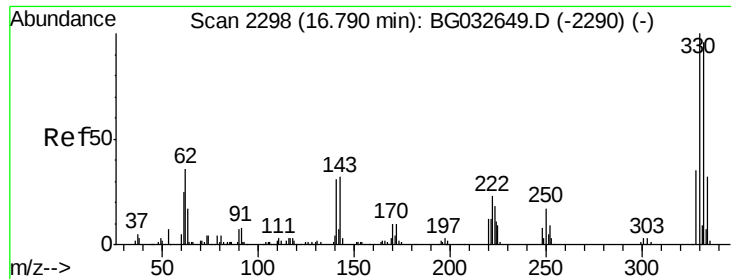
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.31 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion:164 Resp: 106658
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 48.0 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

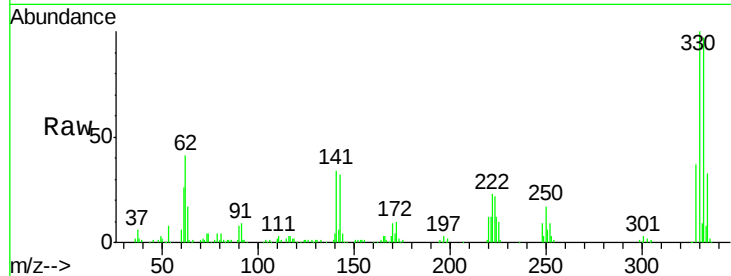




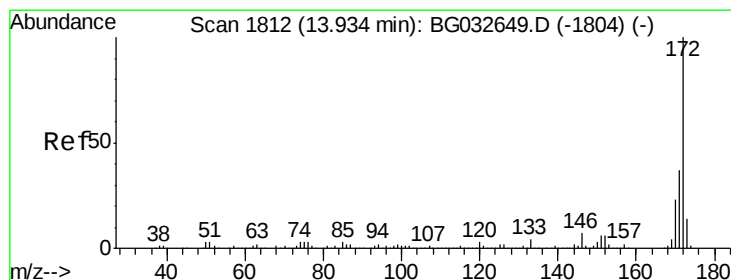
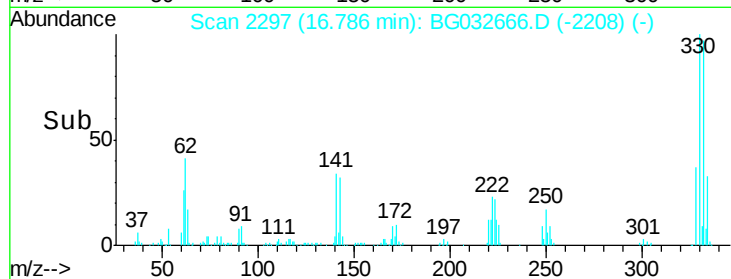
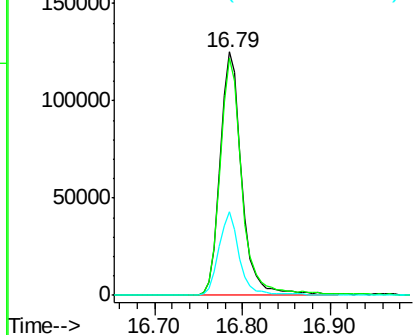
#41
 2,4,6-Tribromophenol
 Concen: 131.834 ng
 RT: 16.79 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG032666.D
 Acq: 13 Feb 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-021218

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.9	25.2	37.8

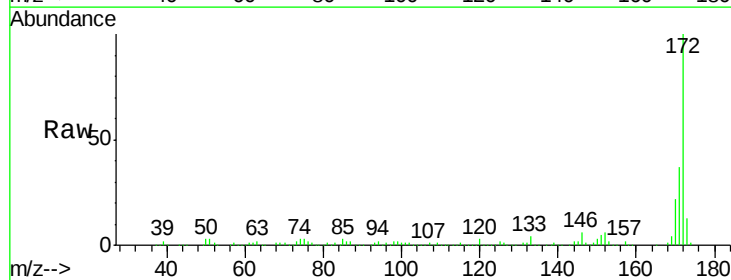


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

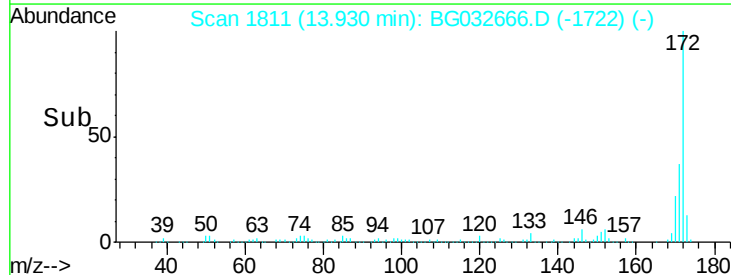
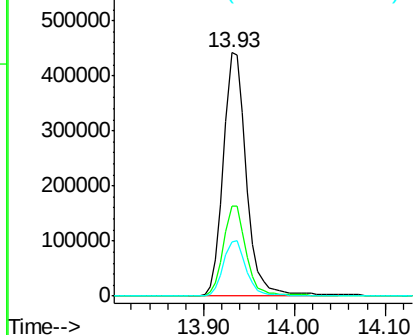


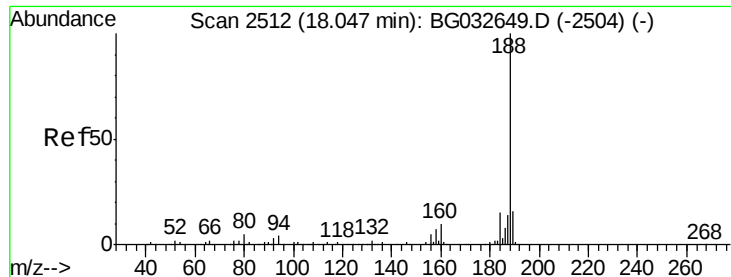
#44
 2-Fluorobiphenyl
 Concen: 92.061 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG032666.D
 Acq: 13 Feb 2018 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	22.3	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

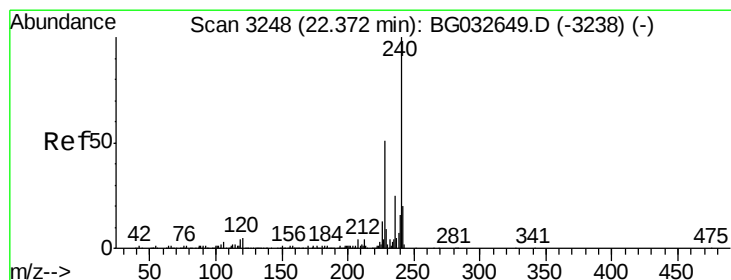
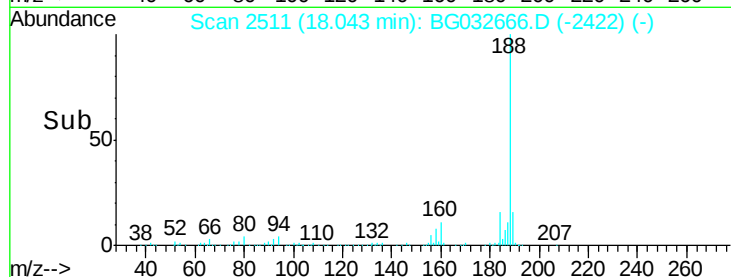
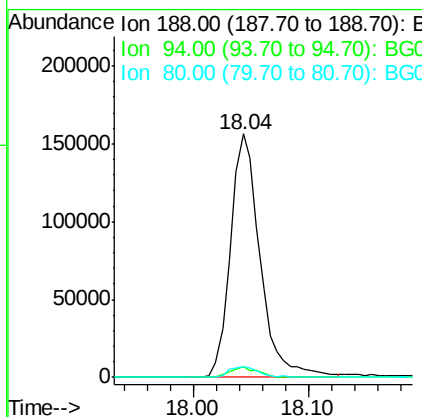
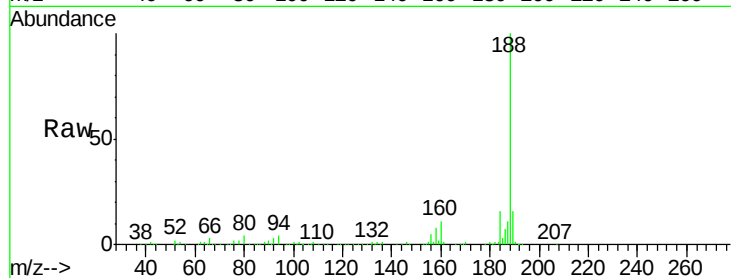




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.04 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

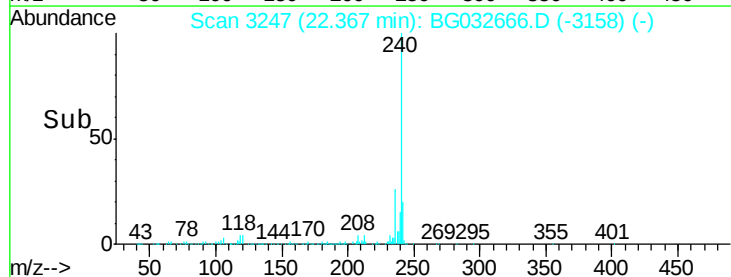
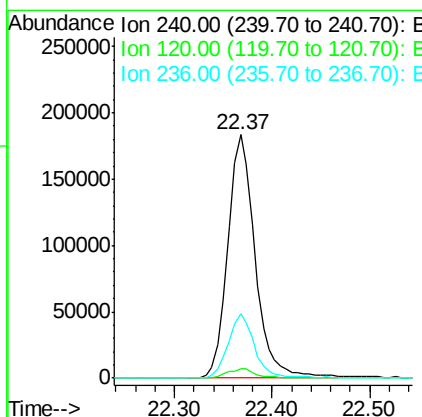
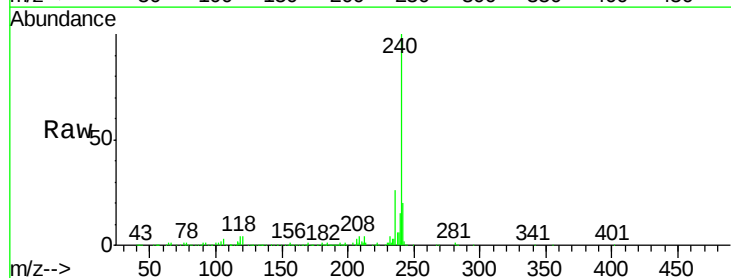
Instrument :
BNA_G
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OK-02-021218

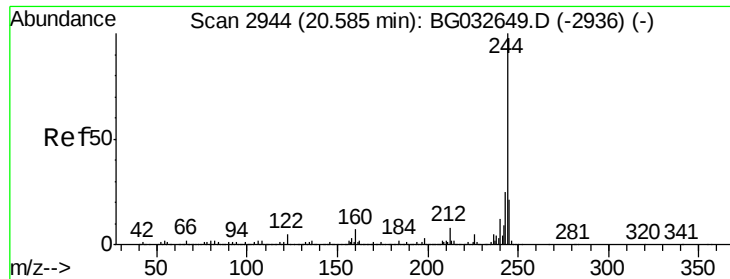
Tot Ion:188 Resp: 277309
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.37 min Scan# 3247
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion:240 Resp: 357235
Ion Ratio Lower Upper
240 100
120 4.0 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 99.292 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BG032666.D

Acq: 13 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

OK-02-021218

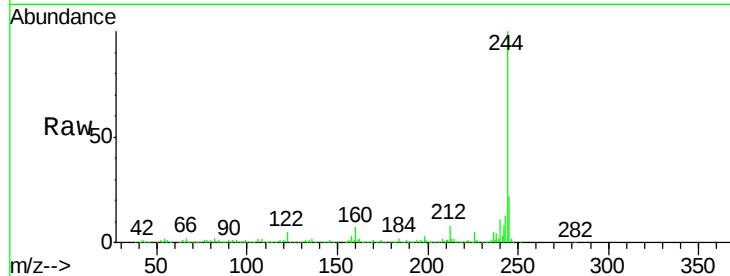
Tot Ion:244 Resp: 1556269

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

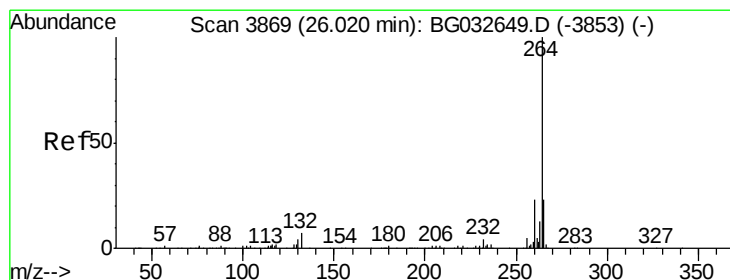
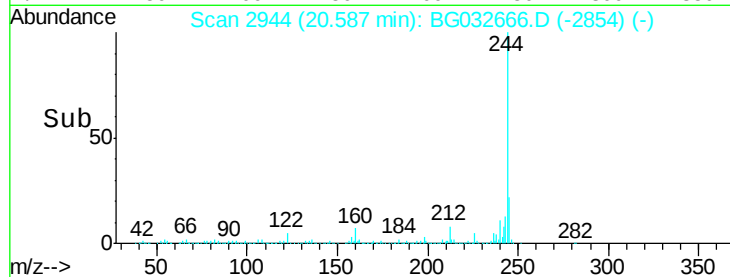
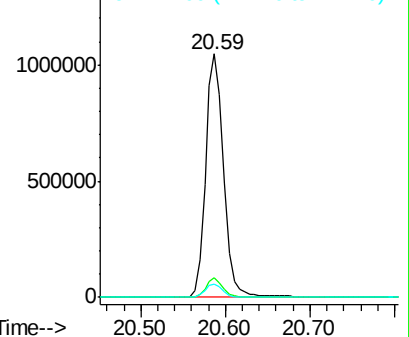
122 5.4 7.0 10.4#



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: 26.02 min Scan# 3868

Delta R.T. -0.00 min

Lab File: BG032666.D

Acq: 13 Feb 2018 18:35

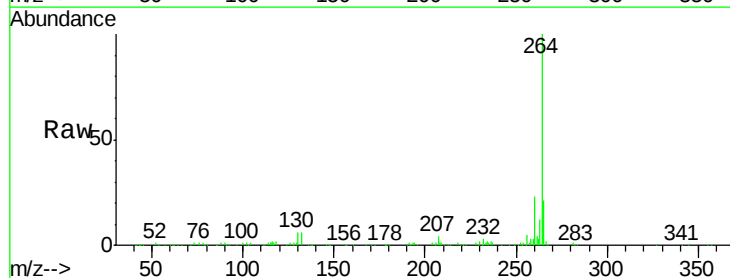
Tgt Ion:264 Resp: 364571

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.4 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

