

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
 Data File : BG031748.D
 Acq On : 23 Dec 2017 14:33
 Operator : SJ/JU
 Sample : I6677-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-122117-B

Quant Time: Dec 25 04:47:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

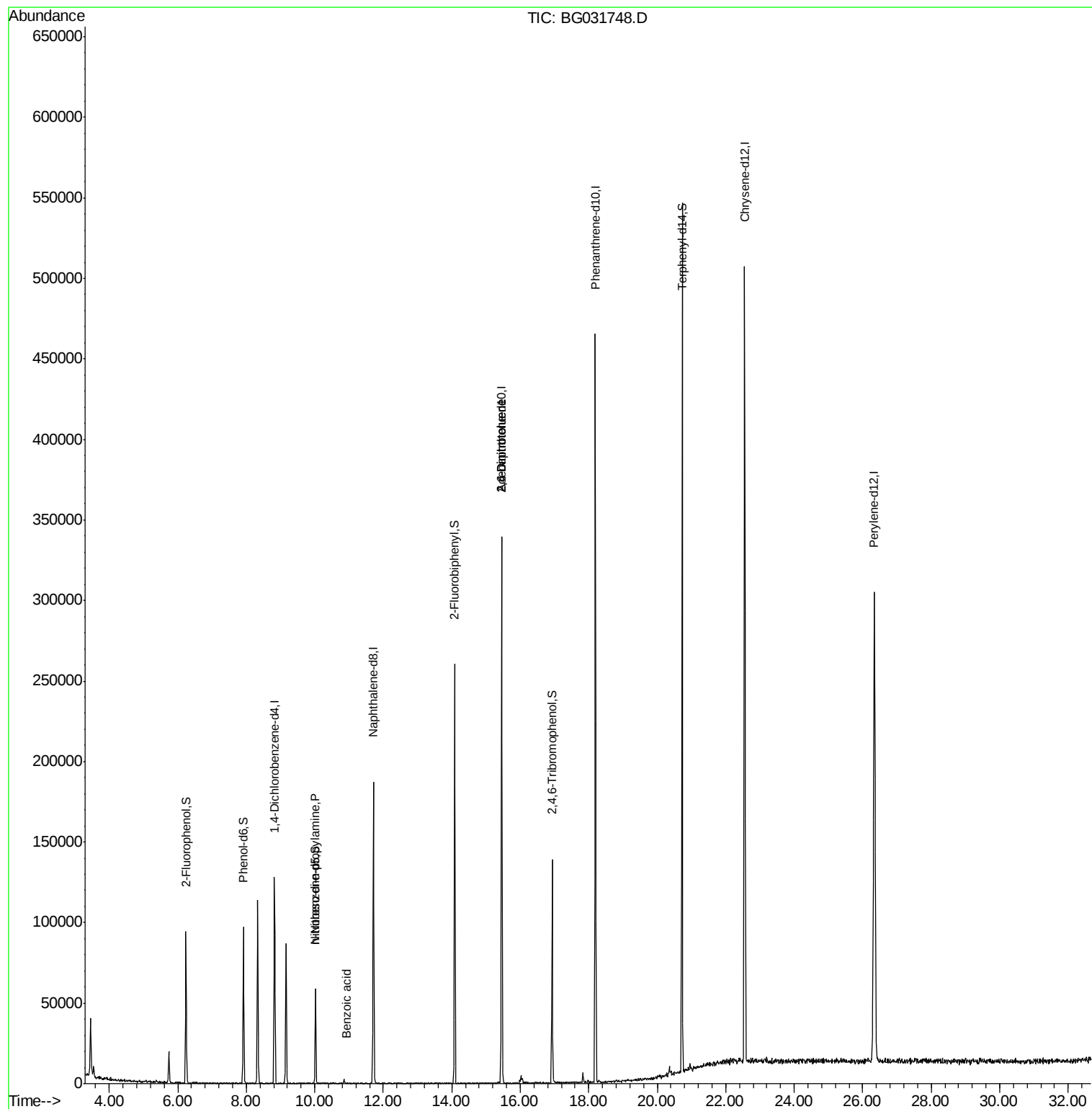
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	45888	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	186900	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	130345	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	321707	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	374852	20.00	ng	-0.02
86) Perylene-d12	26.34	264	404613	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	54420	21.60	ng	0.00
7) Phenol-d6	7.92	99	66841	20.43	ng	-0.01
23) Nitrobenzene-d5	10.02	82	39587	15.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	35459	17.83	ng	-0.01
44) 2-Fluorobiphenyl	14.08	172	165347	15.92	ng	-0.02
78) Terphenyl-d14	20.73	244	310404	18.92	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.02	70	5306	2.375	ng	# 71
32) Benzoic acid	10.93	122	61	6.722	ng	# 30
50) 2,6-Dinitrotoluene	15.46	165	16268	7.701	ng	# 19
56) 2,4-Dinitrotoluene	15.46	165	16268	5.989	ng	# 17

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031748.D
Acq On : 23 Dec 2017 14:33
Operator : SJ/JU
Sample : I6677-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Quant Time: Dec 25 04:47:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.01 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

Instrument :

BNA_G

ClientSampleId :

OR-02-122117-B

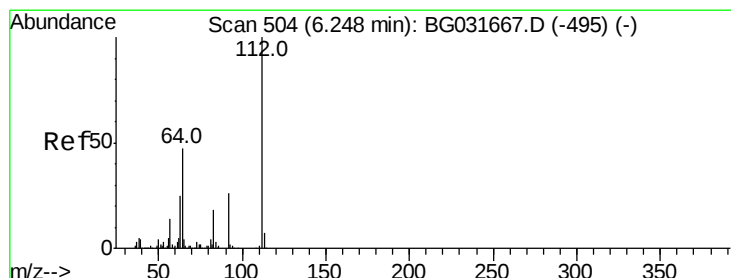
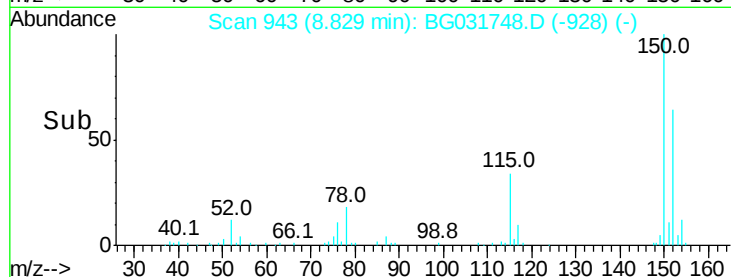
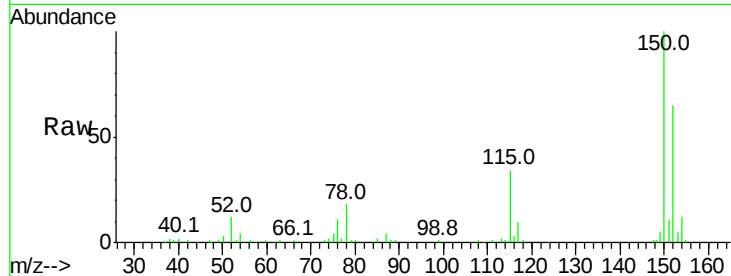
Tot Ion:152 Resp: 45888

Ion Ratio Lower Upper

152 100

150 154.9 126.6 189.8

115 52.7 53.0 79.4#



#5

2-Fluorophenol

Concen: 21.600 ng

RT: 6.24 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

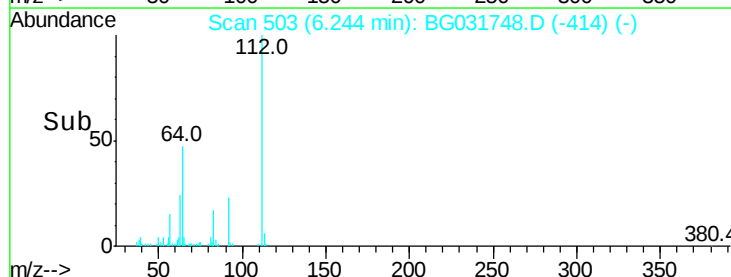
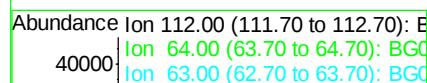
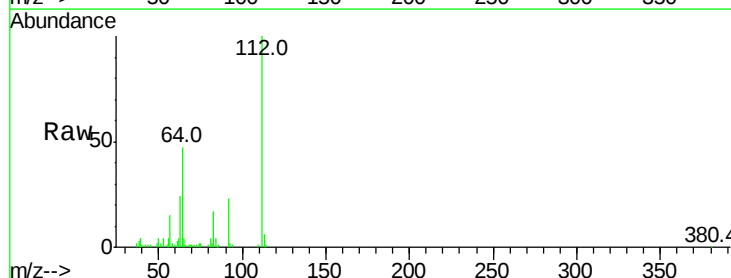
Tgt Ion:112 Resp: 54420

Ion Ratio Lower Upper

112 100

64 46.8 56.3 84.5#

63 23.9 30.1 45.1#





#7

Phenol-d6

Concen: 20.434 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

Instrument :

BNA_G

ClientSampleId :

OR-02-122117-B

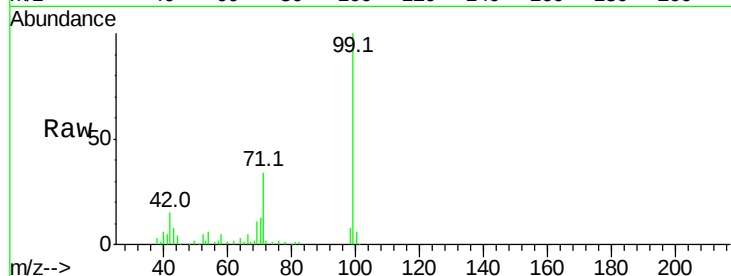
Tot Ion: 99 Resp: 66841

Ion Ratio Lower Upper

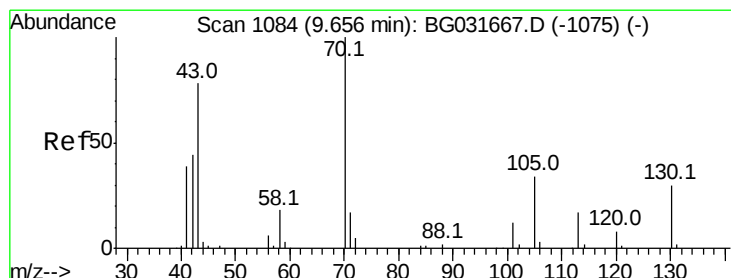
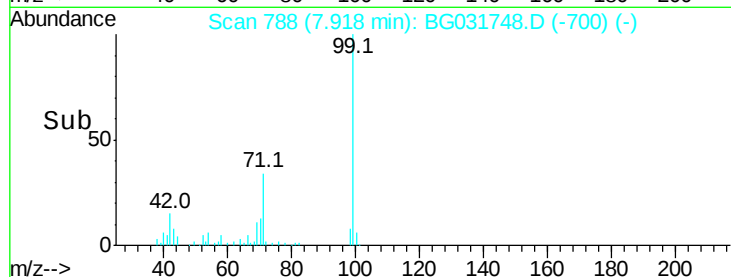
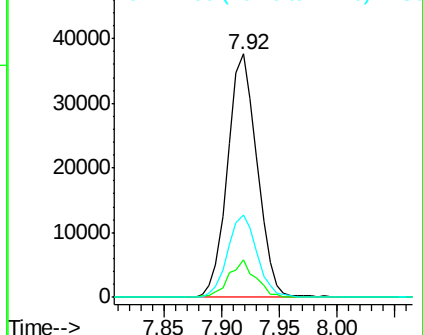
99 100

42 15.2 14.1 21.1

71 34.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.375 ng

RT: 10.02 min Scan# 1146

Delta R.T. 0.37 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

Tgt Ion: 70 Resp: 5306

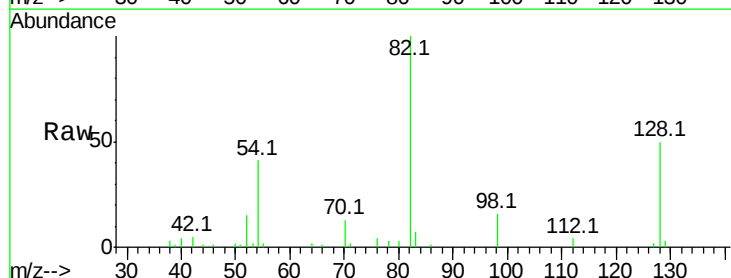
Ion Ratio Lower Upper

70 100

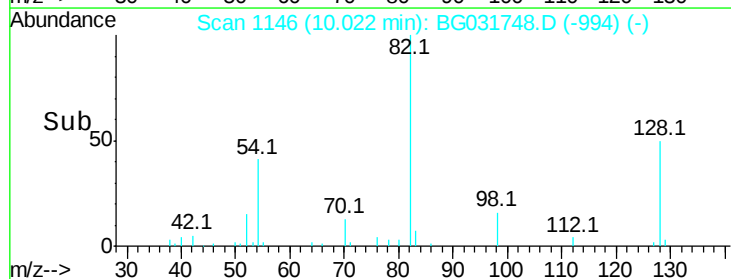
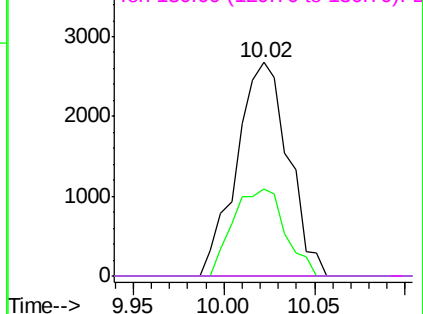
42 40.7 49.1 73.7#

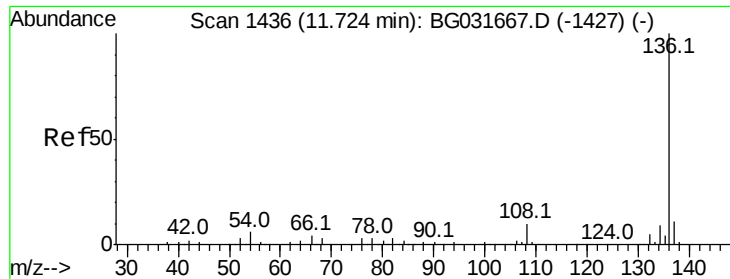
101 0.0 8.5 12.7#

130 0.0 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

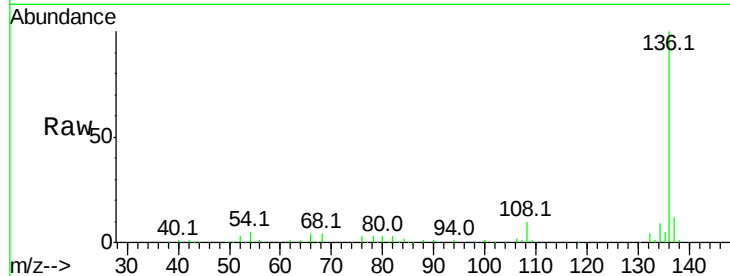




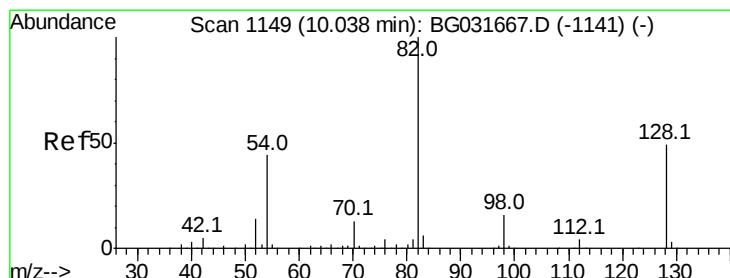
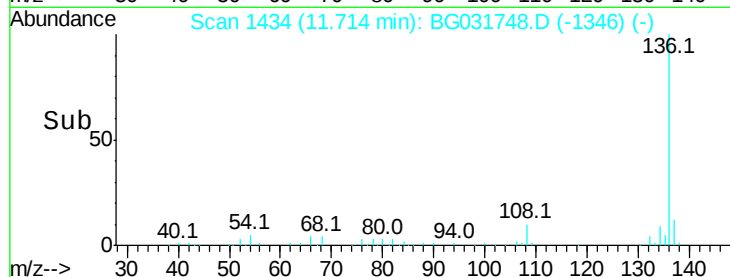
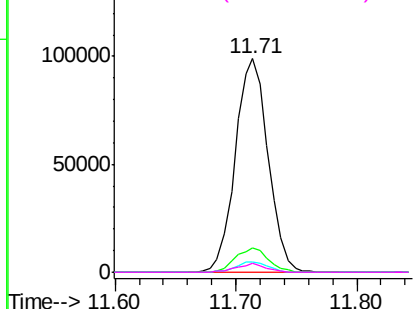
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tot Ion:136 Resp: 186900
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 5.0 10.3 15.5#
68 4.2 4.5 6.7#

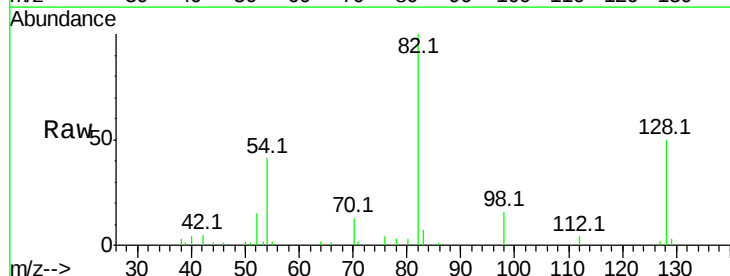


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

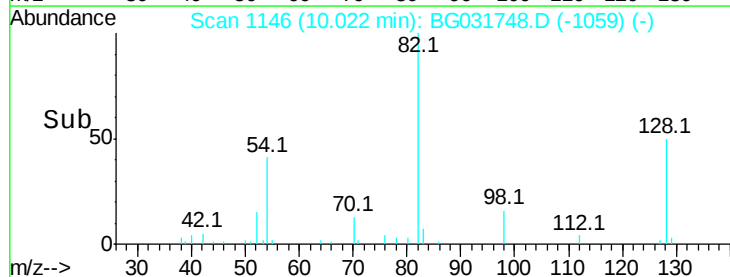
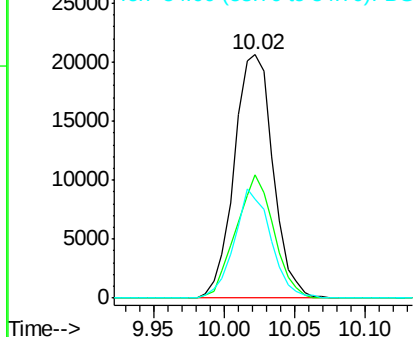


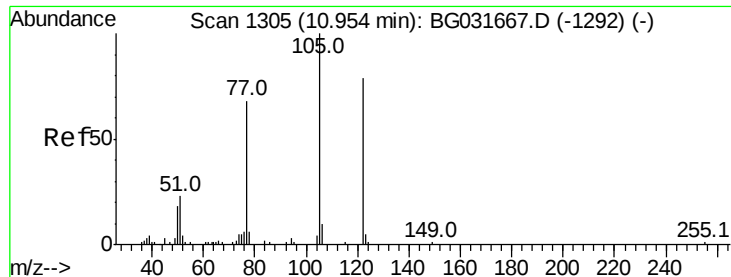
#23
Nitrobenzene-d5
Concen: 15.994 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Tgt Ion: 82 Resp: 39587
Ion Ratio Lower Upper
82 100
128 50.5 29.7 44.5#
54 40.7 43.1 64.7#



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





#32

Benzoic acid

Concen: 6.722 ng

RT: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

Instrument :

BNA_G

ClientSampleId :

OR-02-122117-B

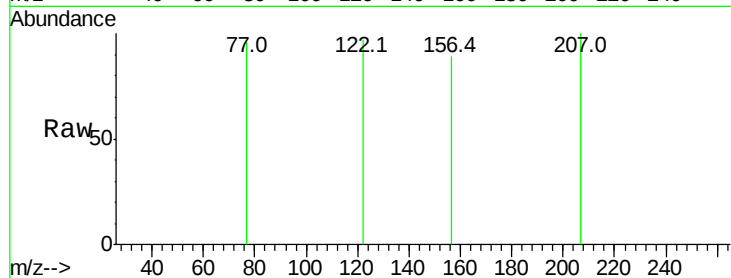
Tot Ion:122 Resp: 61

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

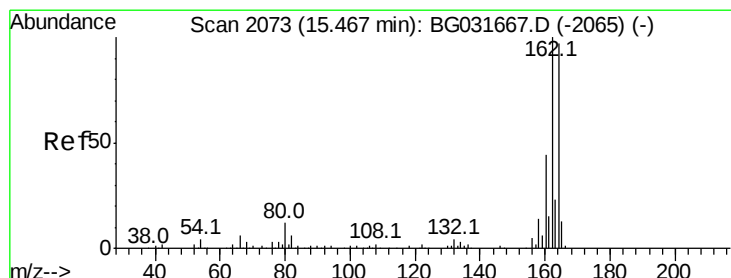
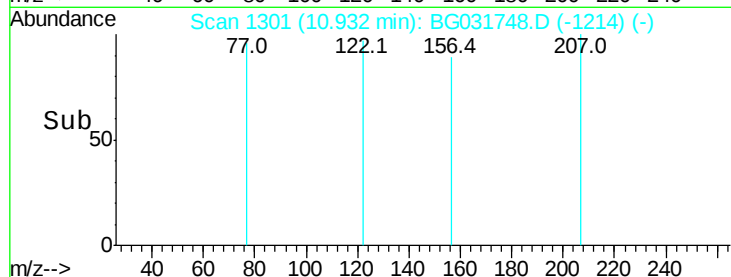
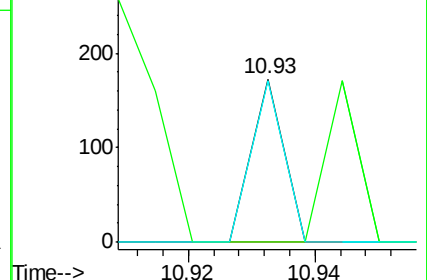
77 98.8 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

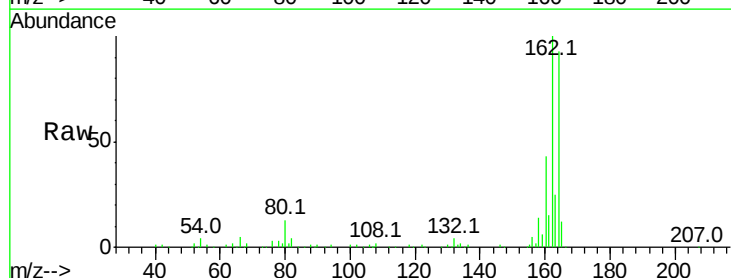
Tgt Ion:164 Resp: 130345

Ion Ratio Lower Upper

164 100

162 107.9 78.8 118.2

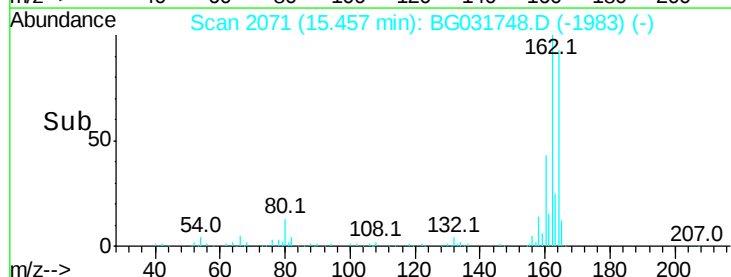
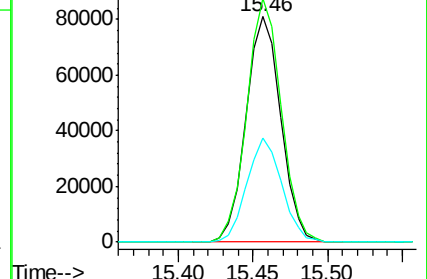
160 46.3 35.4 53.0

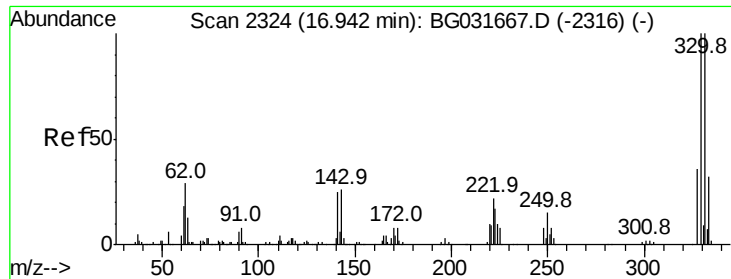


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 17.829 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

Instrument :

BNA_G

ClientSampleId :

OR-02-122117-B

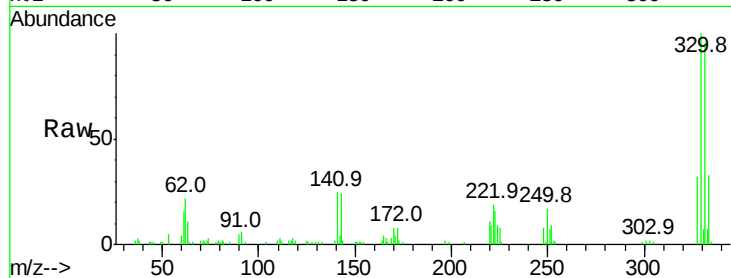
Tot Ion:330 Resp: 35459

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

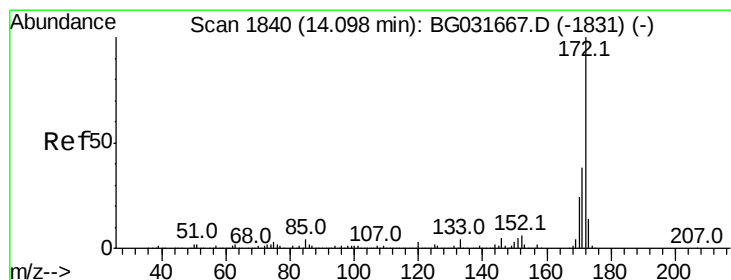
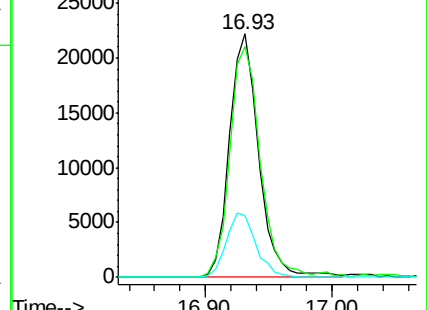
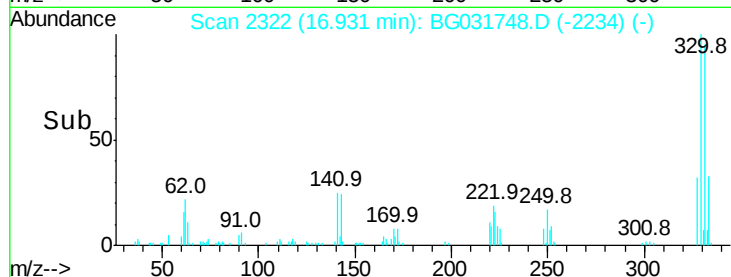
141 27.1 25.2 37.8



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: 15.922 ng

RT: 14.08 min Scan# 1837

Delta R.T. -0.02 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

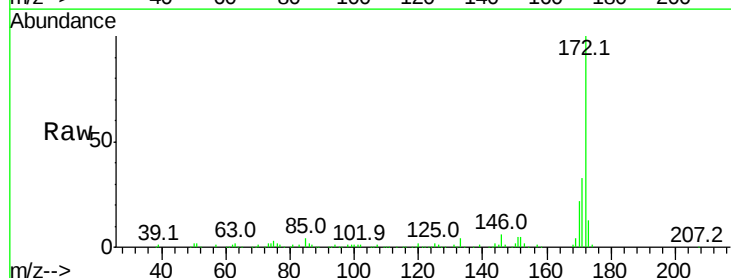
Tgt Ion:172 Resp: 165347

Ion Ratio Lower Upper

172 100

171 32.8 30.0 45.0

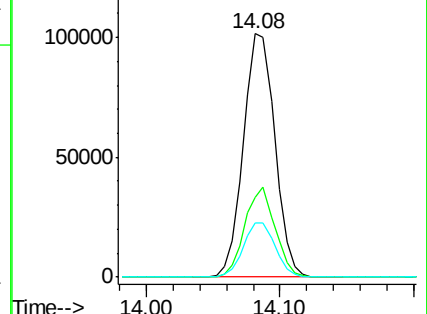
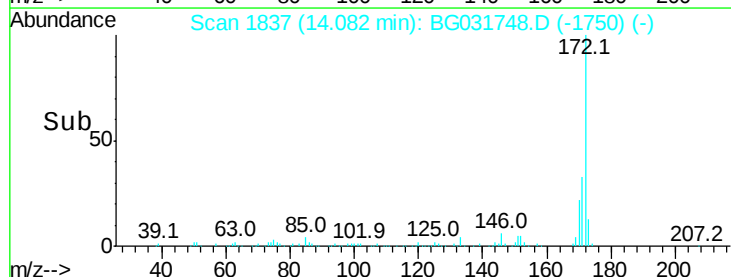
170 22.3 19.5 29.3

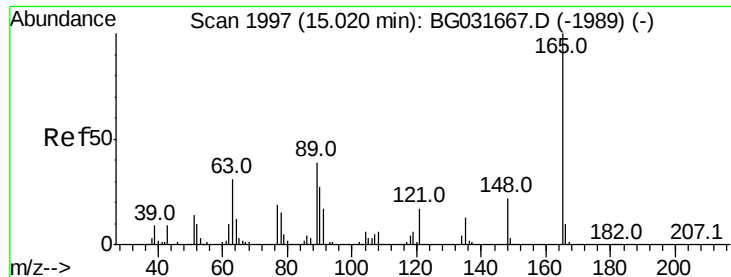


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

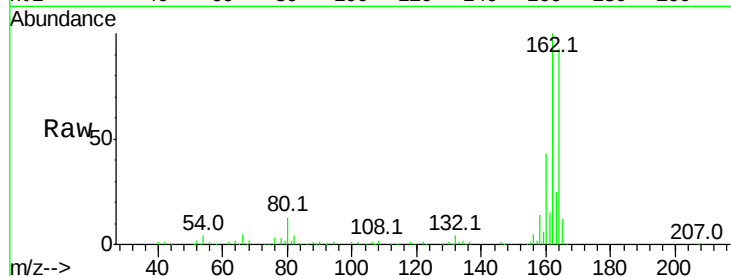




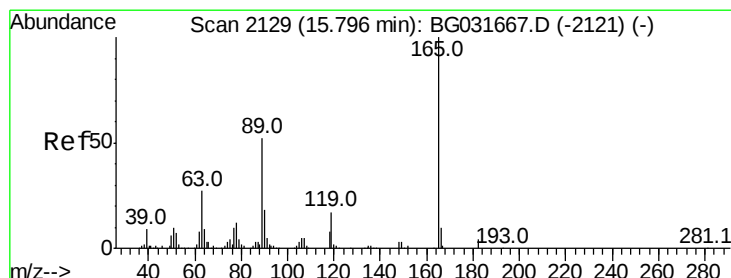
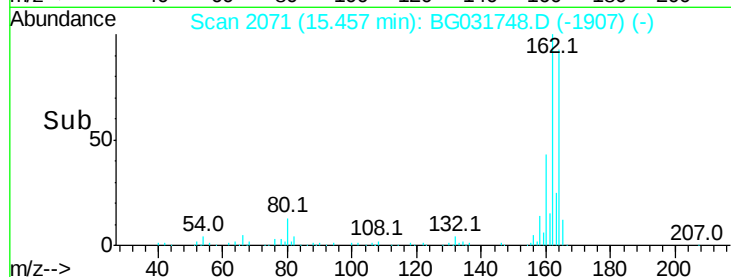
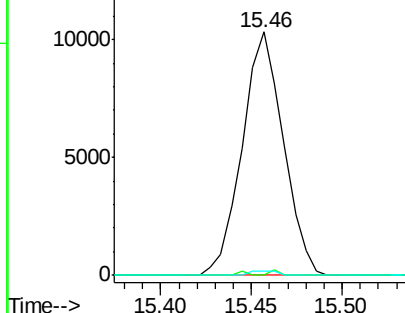
#50
 2,6-Dinitrotoluene
 Concen: 7.701 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. 0.44 min
 Lab File: BG031748.D
 Acq: 23 Dec 2017 14:33

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-122117-B

Tot Ion:165 Resp: 16268
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.6 49.2 73.8#

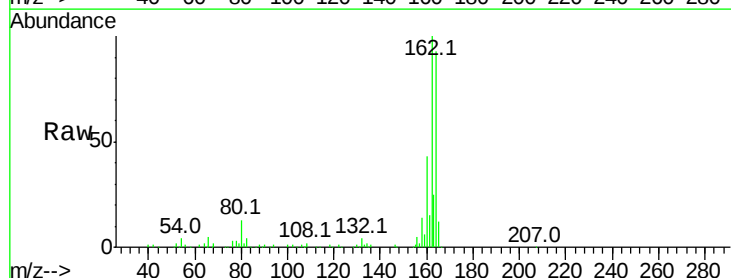


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

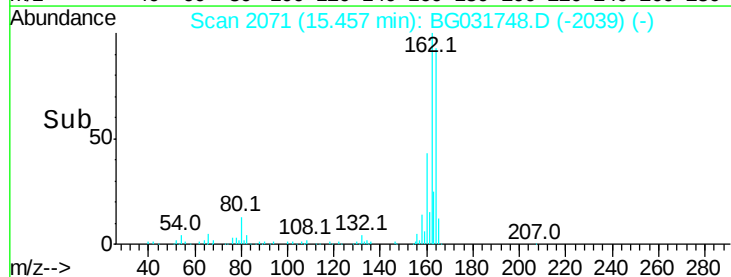
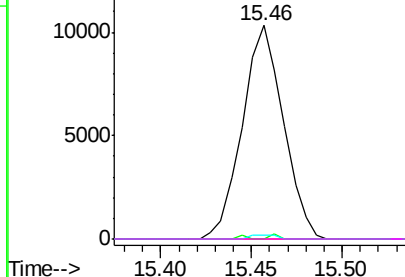


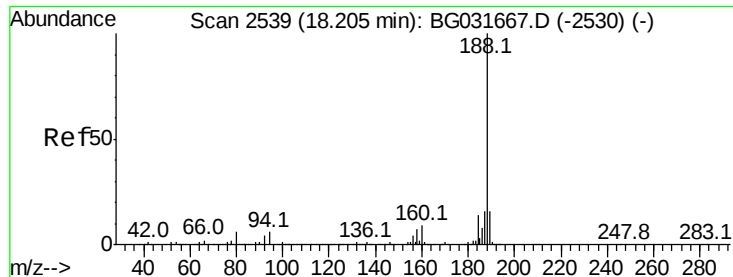
#56
 2,4-Dinitrotoluene
 Concen: 5.989 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.34 min
 Lab File: BG031748.D
 Acq: 23 Dec 2017 14:33

Tgt Ion:165 Resp: 16268
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.6 66.9 100.3#
 182 0.0 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.19 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

Instrument :

BNA_G

ClientSampleId :

OR-02-122117-B

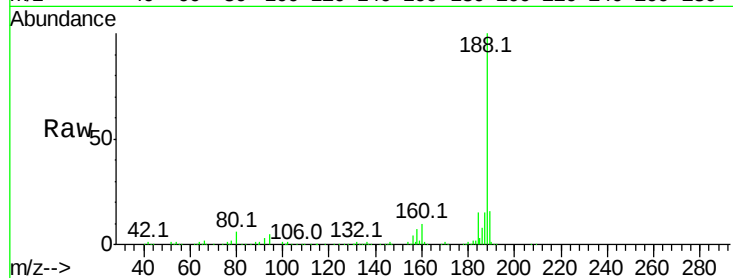
Tot Ion:188 Resp: 321707

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

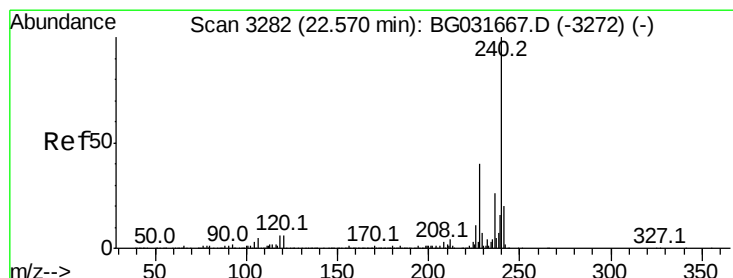
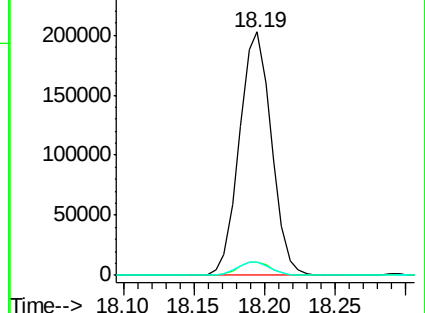
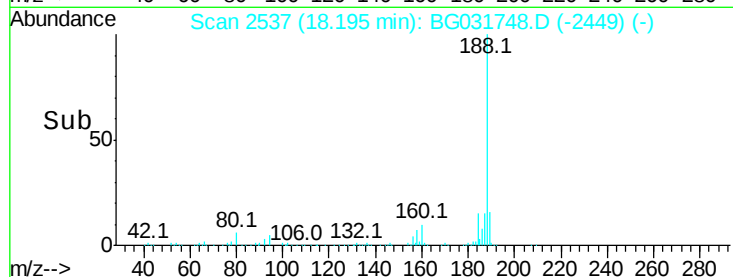
80 5.6 7.7 11.5#



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: 22.55 min Scan# 3279

Delta R.T. -0.02 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

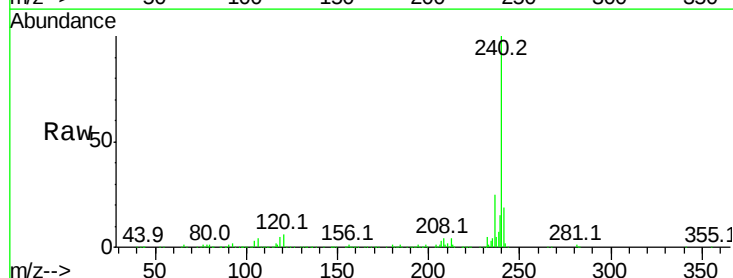
Tgt Ion:240 Resp: 374852

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

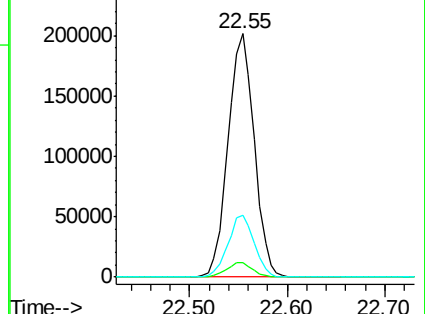
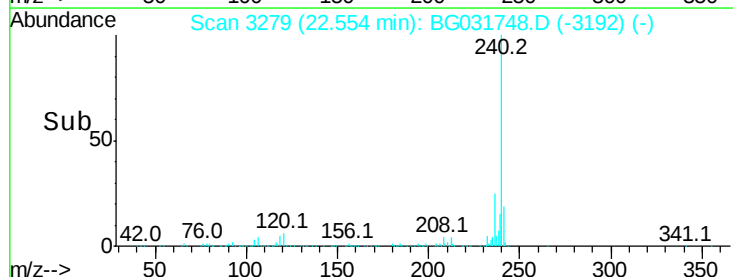
236 25.4 20.9 31.3

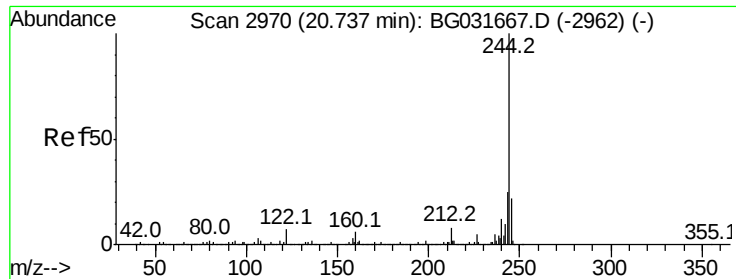


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 18.919 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

Instrument :

BNA_G

ClientSampleId :

OR-02-122117-B

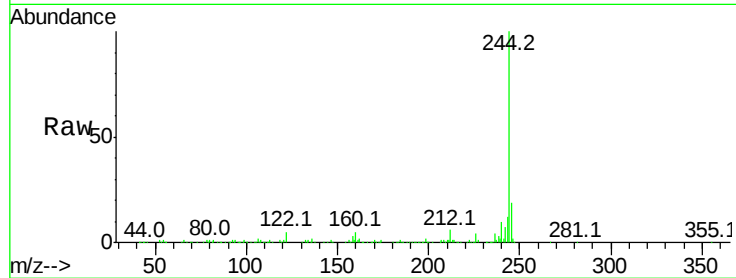
Tot Ion:244 Resp: 310404

Ion Ratio Lower Upper

244 100

212 5.6 5.8 8.8#

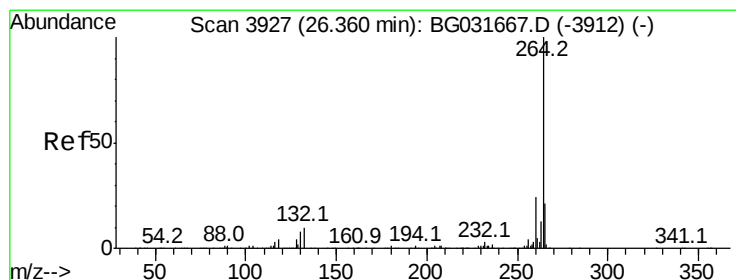
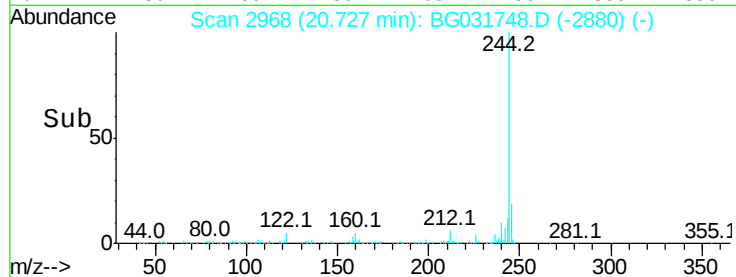
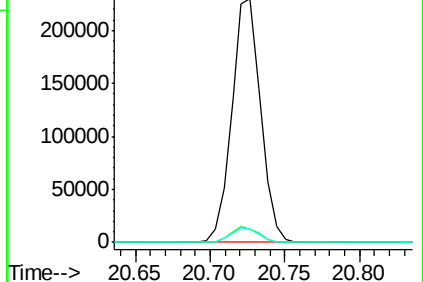
122 5.5 7.0 10.4#



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: 26.34 min Scan# 3923

Delta R.T. -0.02 min

Lab File: BG031748.D

Acq: 23 Dec 2017 14:33

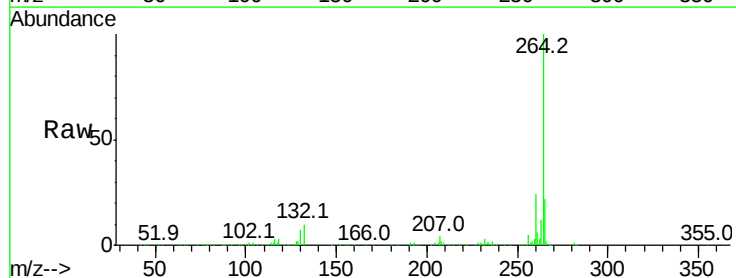
Tgt Ion:264 Resp: 404613

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.8 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

