

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037080.D
 Acq On : 1 Oct 2018 17:40
 Operator : JU/SJ
 Sample : J5171-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KR-RO-VNJ-221

Quant Time: Oct 01 19:02:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

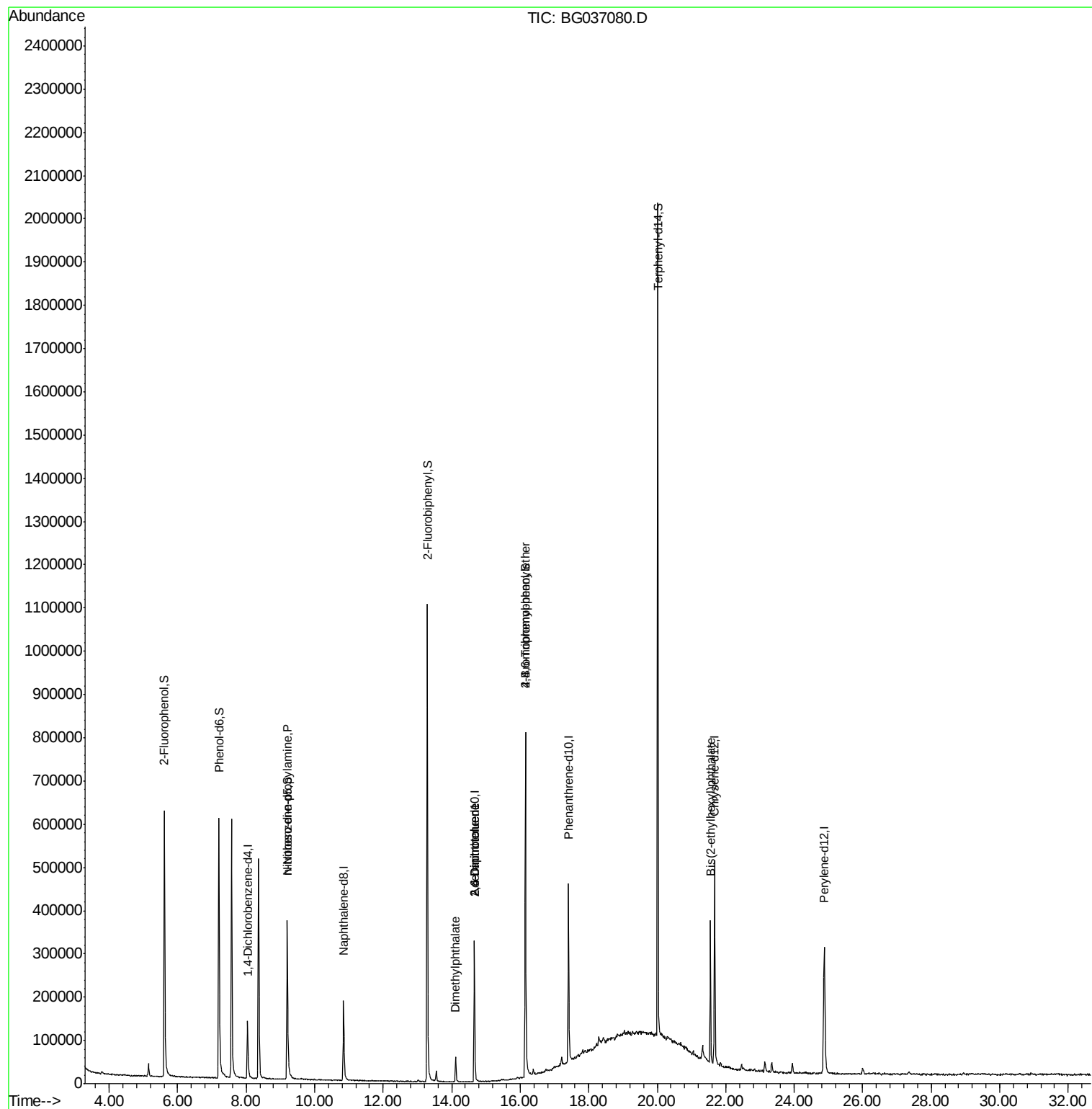
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47136	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	194414	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	121709	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	295639	20.00	ng	0.00
75) Chrysene-d12	21.67	240	313955	20.00	ng	-0.02
86) Perylene-d12	24.88	264	332275	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	307429	125.08	ng	0.00
7) Phenol-d6	7.20	99	415876	109.36	ng	0.00
23) Nitrobenzene-d5	9.20	82	278085	76.60	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	161072	110.61	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	633510	77.52	ng	-0.02
78) Terphenyl-d14	20.02	244	973035	81.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	37004	11.697	ng	# 67
49) Dimethylphthalate	14.11	163	48109	4.911	ng	# 98
50) 2,6-Dinitrotoluene	14.66	165	15943	7.459	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	15943	5.345	ng	# 21
66) 4-Bromophenyl-phenylether	16.15	248	11213	3.334	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.56	149	126871	12.094	ng	# 97

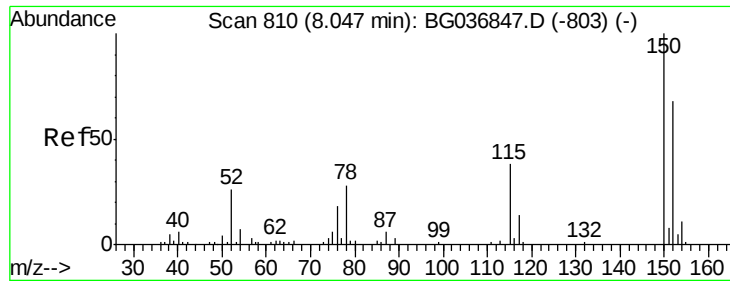
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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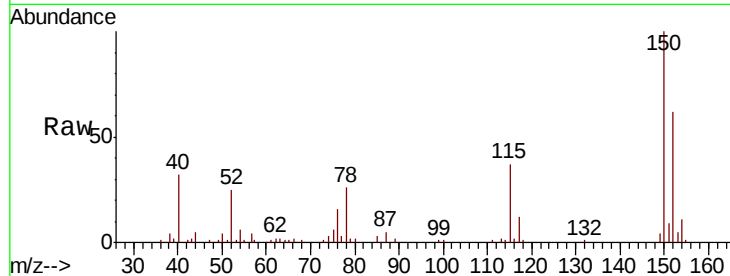


#1

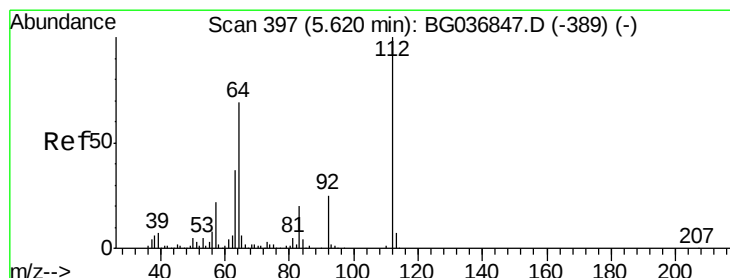
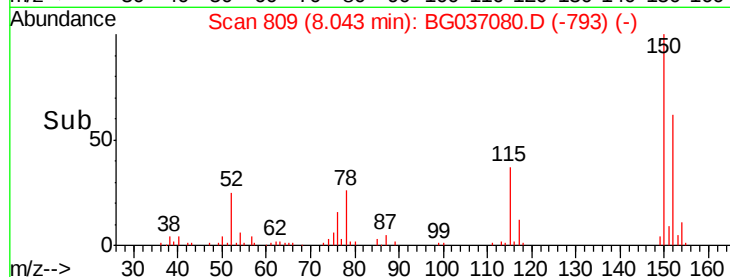
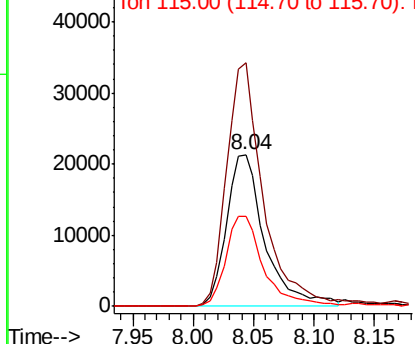
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037080.D
Acq: 1 Oct 2018 17:40

Instrument :
BNA_G
ClientSampleId :
KR-RO-VNJ-221

Tot Ion:152 Resp: 47136
Ion Ratio Lower Upper
152 100
150 160.5 119.5 179.3
115 59.7 44.5 66.7



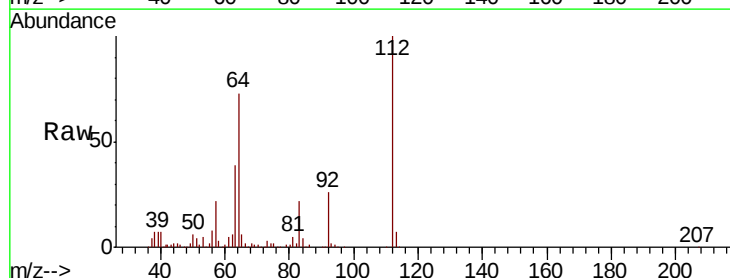
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



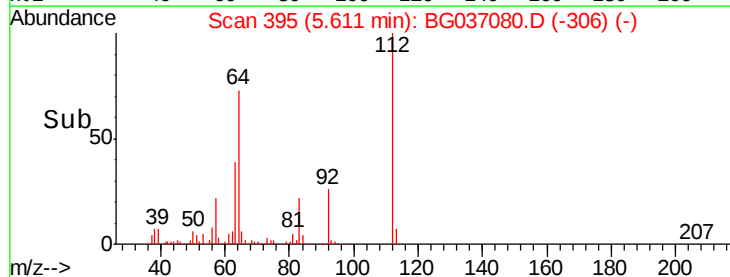
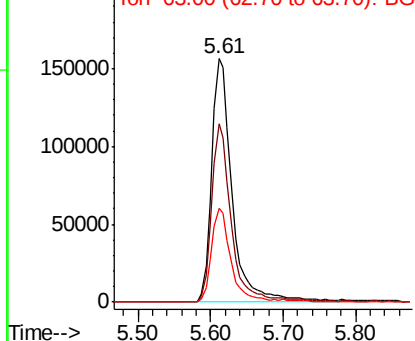
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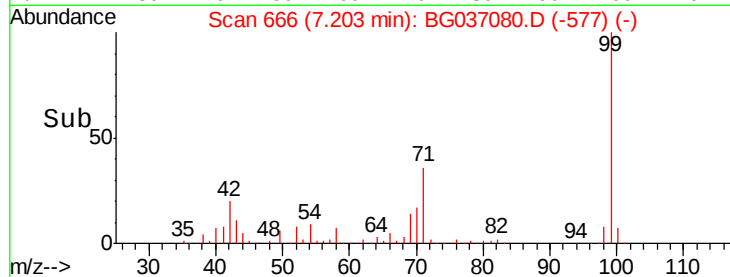
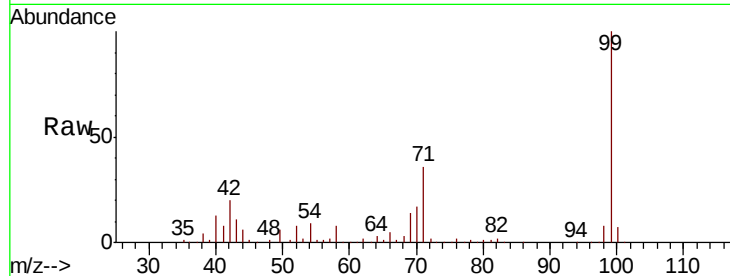
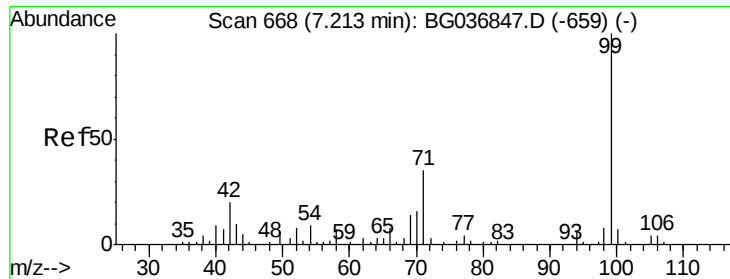
2-Fluorophenol
Concen: 125.081 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037080.D
Acq: 1 Oct 2018 17:40

Tgt Ion:112 Resp: 307429
Ion Ratio Lower Upper
112 100
64 73.1 57.2 85.8
63 38.8 30.8 46.2



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: 109.364 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037080.D

Acq: 1 Oct 2018 17:40

Instrument :

BNA_G

ClientSampleId :

KR-RO-VNJ-221

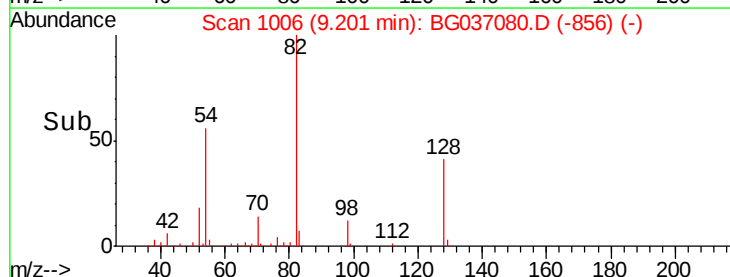
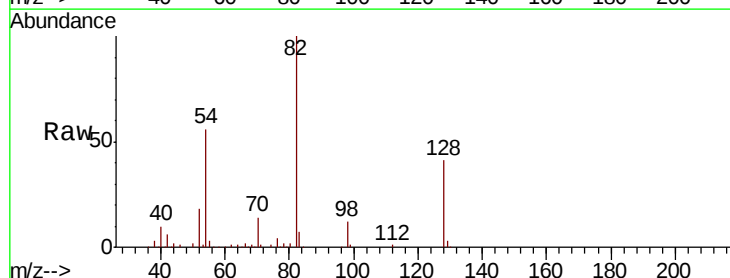
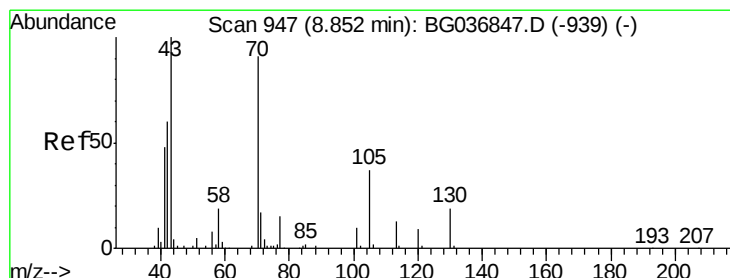
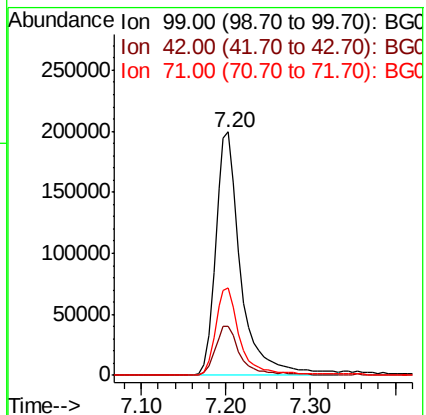
Tot Ion: 99 Resp: 415876

Ion Ratio Lower Upper

99 100

42 20.0 16.5 24.7

71 35.7 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.697 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037080.D

Acq: 1 Oct 2018 17:40

Tgt Ion: 70 Resp: 37004

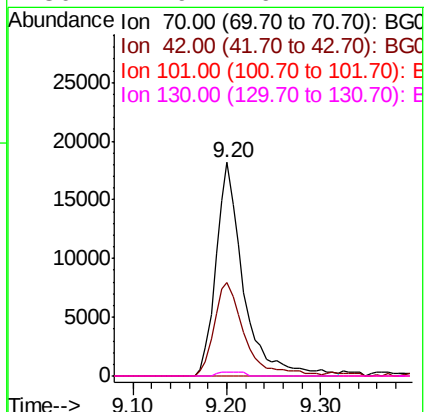
Ion Ratio Lower Upper

70 100

42 43.5 56.2 84.4#

101 0.0 7.8 11.6#

130 1.9 16.2 24.2#

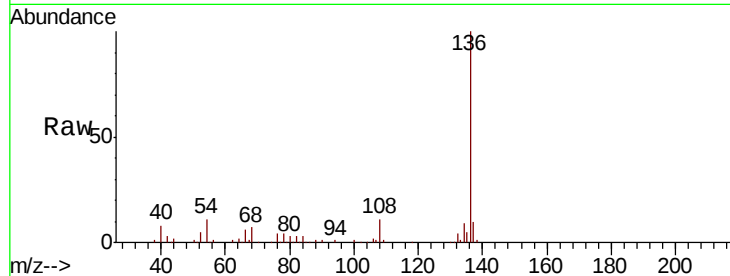




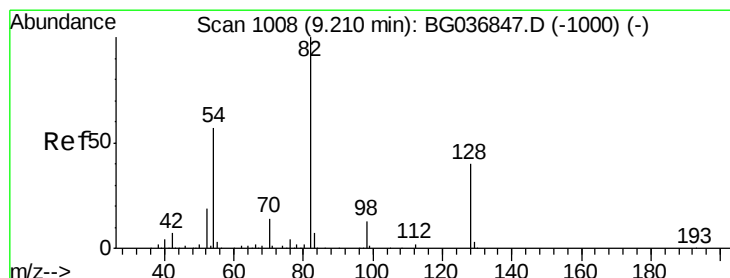
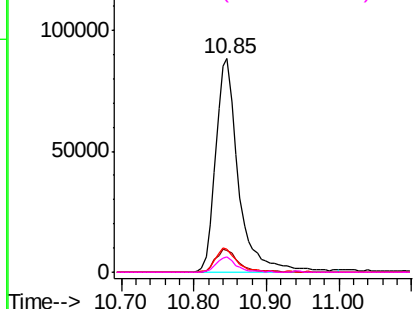
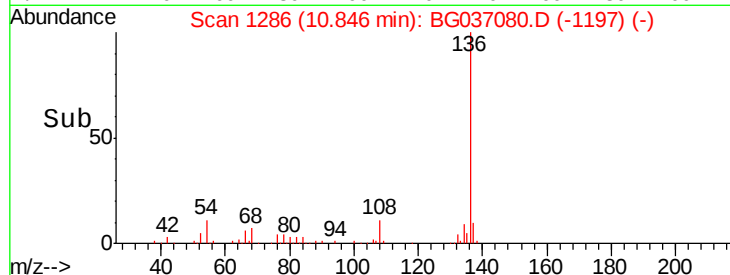
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037080.D
Acq: 1 Oct 2018 17:40

Instrument :
BNA_G
ClientSampleId :
KR-RO-VNJ-221

Tot Ion:136	Resp:	194414
Ion	Ratio	Lower Upper
136	100	
137	9.9	8.8 13.2
54	10.9	9.2 13.8
68	7.3	5.8 8.6

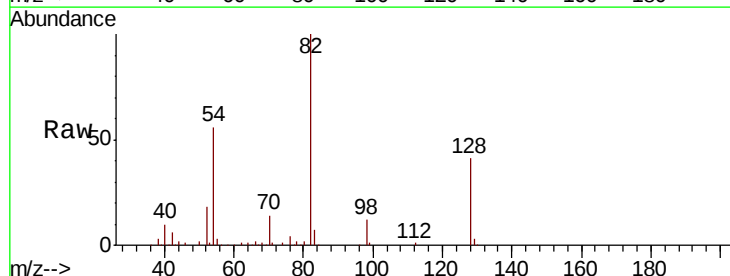


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

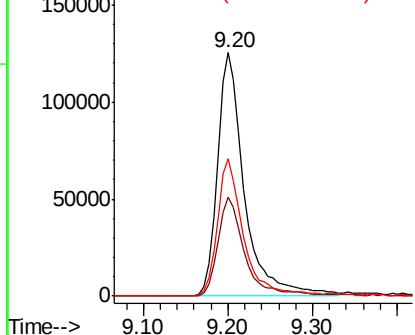
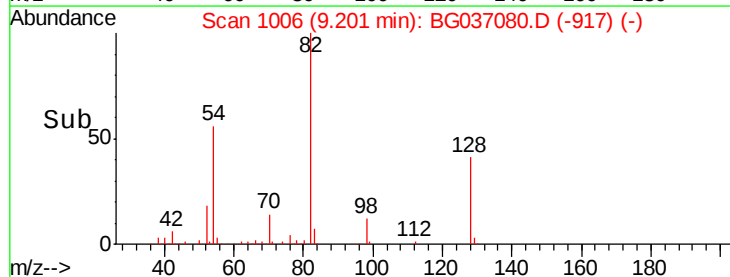


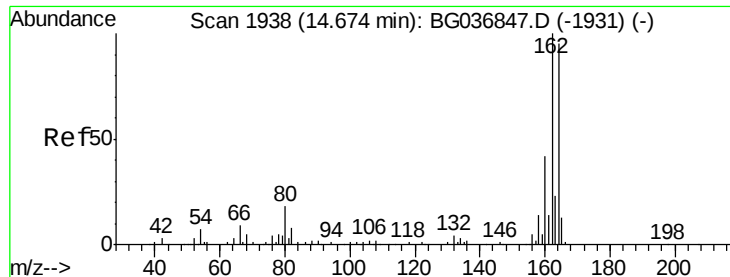
#23
Nitrobenzene-d5
Concen: 76.598 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037080.D
Acq: 1 Oct 2018 17:40

Tgt Ion: 82	Resp:	278085
Ion	Ratio	Lower Upper
82	100	
128	40.6	33.3 49.9
54	56.5	45.1 67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037080.D

Acq: 1 Oct 2018 17:40

Instrument :

BNA_G

ClientSampleId :

KR-RO-VNJ-221

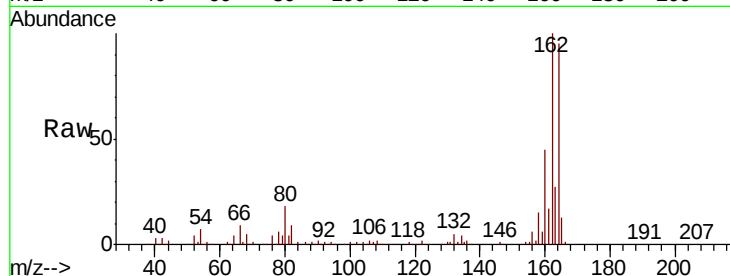
Tot Ion:164 Resp: 121709

Ion Ratio Lower Upper

164 100

162 104.7 80.7 121.1

160 47.1 35.3 52.9

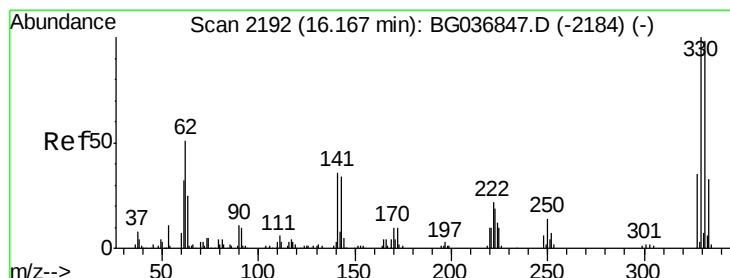
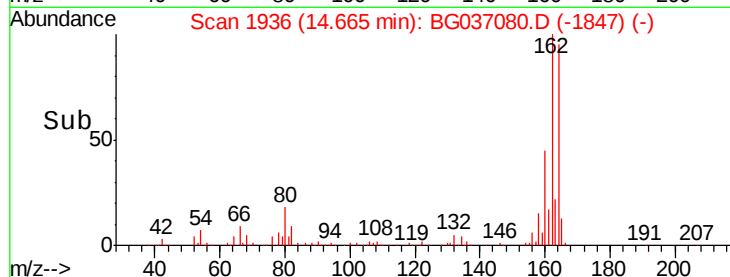
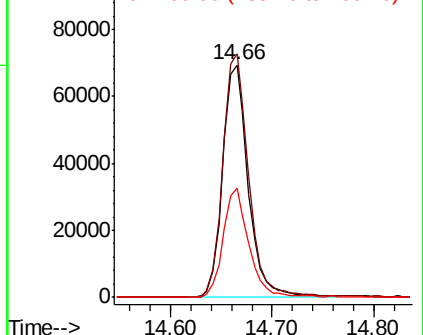


Abundance

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: 110.613 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037080.D

Acq: 1 Oct 2018 17:40

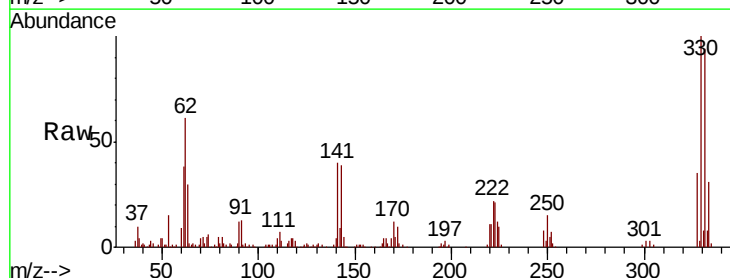
Tgt Ion:330 Resp: 161072

Ion Ratio Lower Upper

330 100

332 95.8 75.4 113.2

141 39.2 30.7 46.1

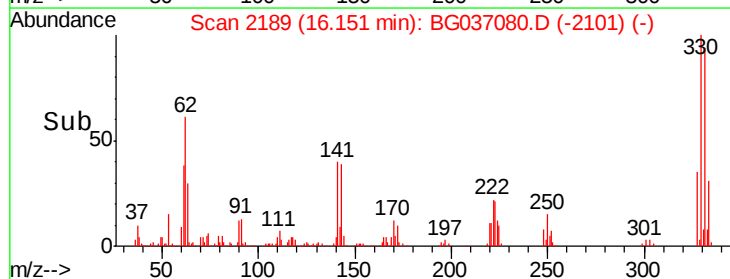
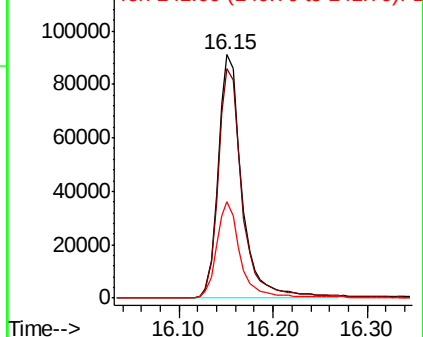


Abundance

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

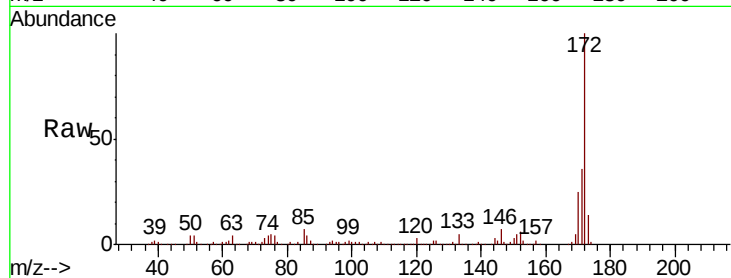




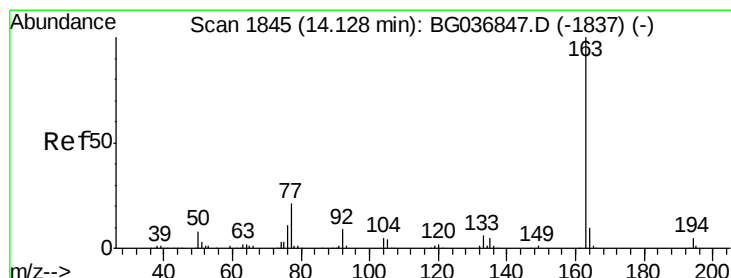
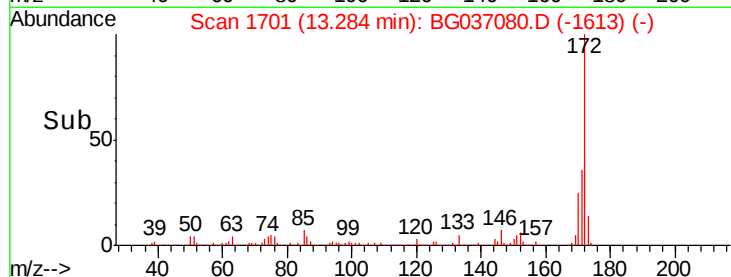
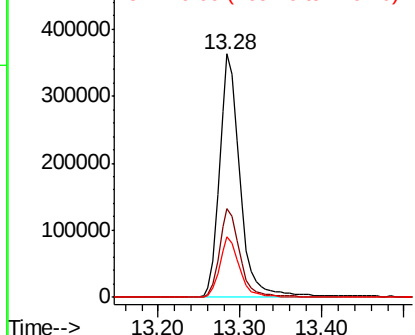
#44
2-Fluorobiphenyl
Concen: 77.525 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.02 min
Lab File: BG037080.D
Acq: 1 Oct 2018 17:40

Instrument :
BNA_G
ClientSampleId :
KR-RO-VNJ-221

Tot Ion:172 Resp: 633510
Ion Ratio Lower Upper
172 100
171 36.3 31.3 46.9
170 25.1 21.0 31.6

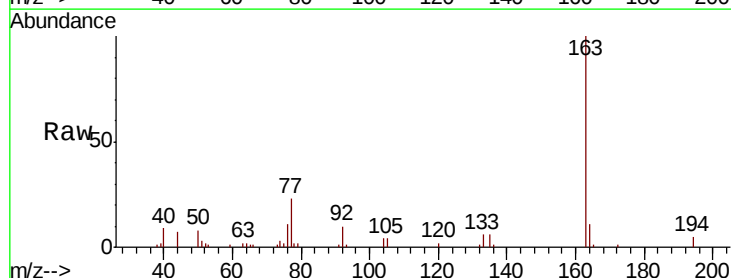


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

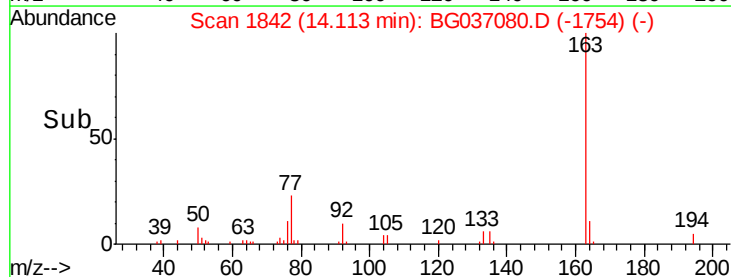
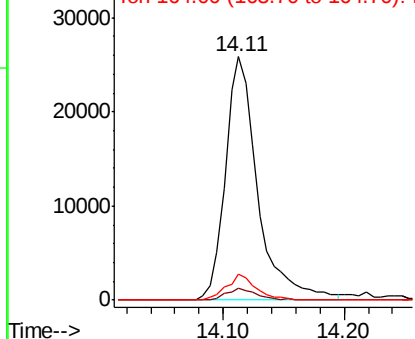


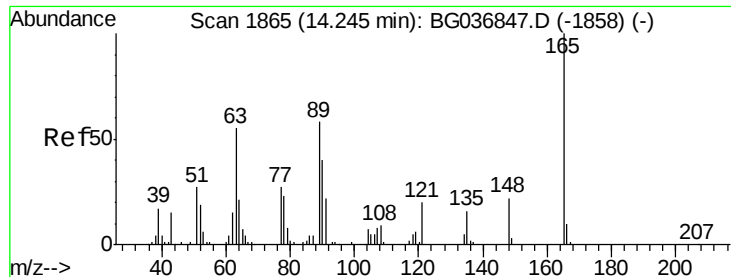
#49
Dimethylphthalate
Concen: 4.911 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037080.D
Acq: 1 Oct 2018 17:40

Tgt Ion:163 Resp: 48109
Ion Ratio Lower Upper
163 100
194 4.7 4.0 6.0
164 10.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

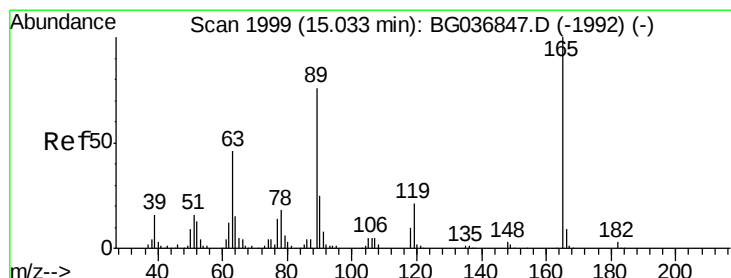
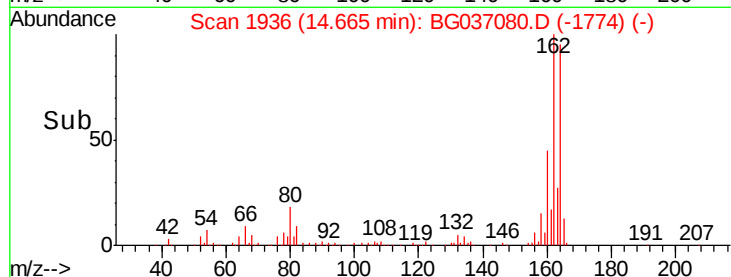
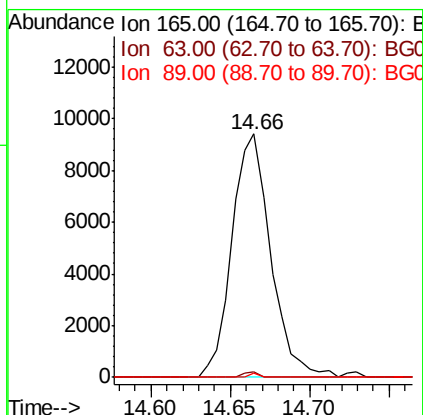
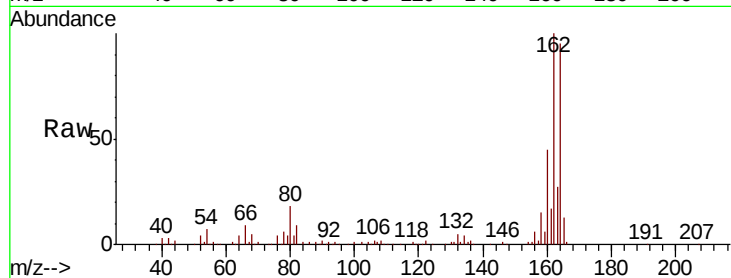




#50
 2,6-Dinitrotoluene
 Concen: 7.459 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037080.D
 Acq: 1 Oct 2018 17:40

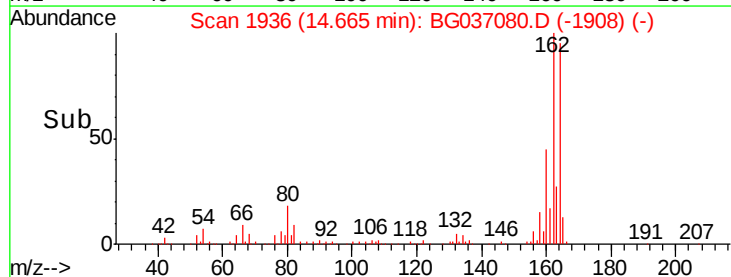
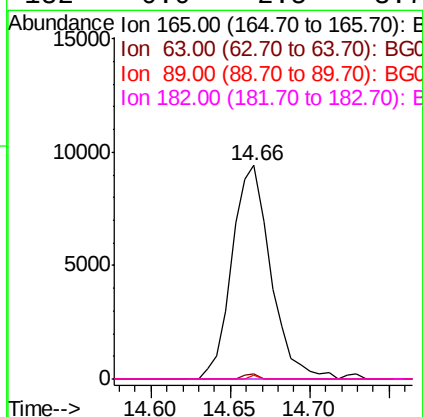
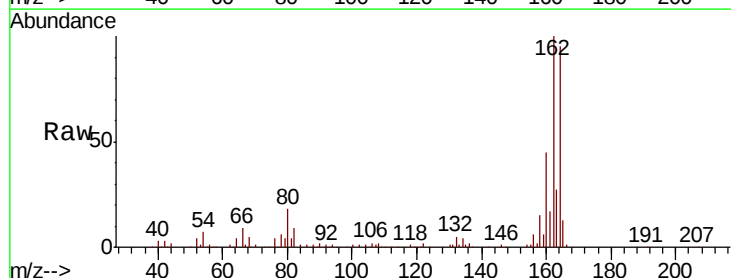
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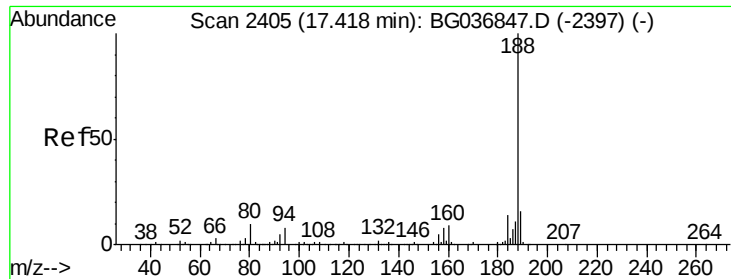
Tot Ion:165 Resp: 15943
 Ion Ratio Lower Upper
 165 100
 63 2.2 50.1 75.1#
 89 1.7 47.8 71.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.345 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037080.D
 Acq: 1 Oct 2018 17:40

Tgt Ion:165 Resp: 15943
 Ion Ratio Lower Upper
 165 100
 63 2.2 40.1 60.1#
 89 1.7 63.7 95.5#
 182 0.0 2.5 3.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG037080.D

Acq: 1 Oct 2018 17:40

Instrument :

BNA_G

ClientSampleId :

KR-RO-VNJ-221

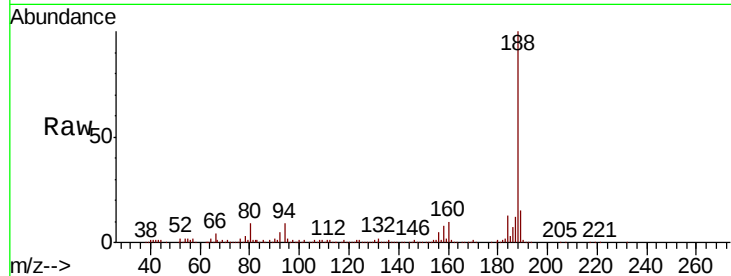
Tot Ion:188 Resp: 295639

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

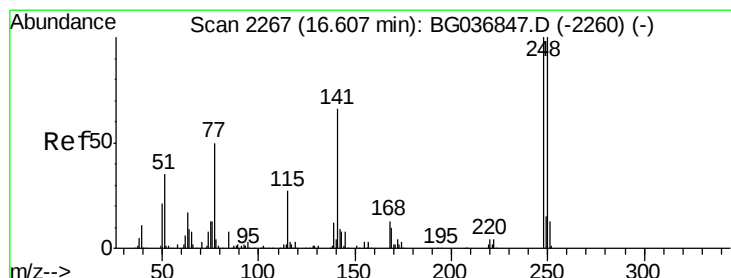
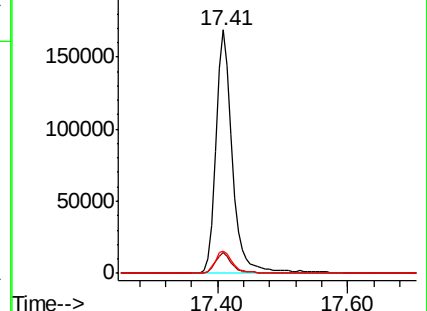
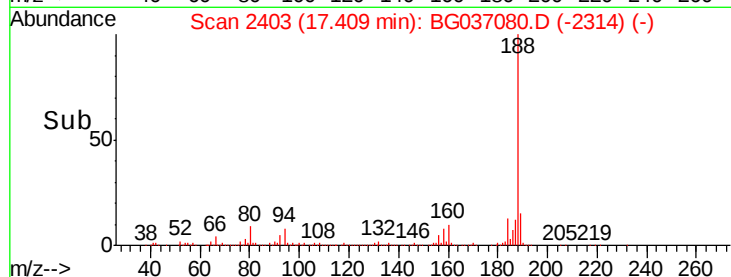
80 9.3 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#66

4-Bromophenyl-phenylether

Concen: 3.334 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.46 min

Lab File: BG037080.D

Acq: 1 Oct 2018 17:40

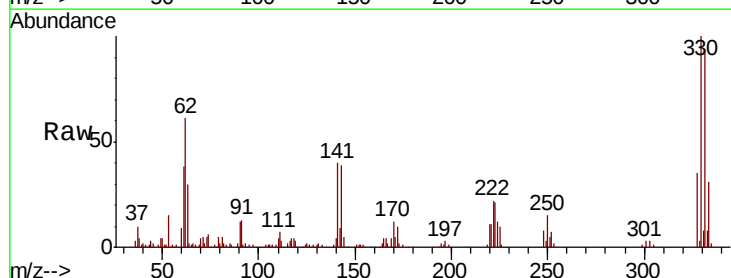
Tgt Ion:248 Resp: 11213

Ion Ratio Lower Upper

248 100

250 192.5 78.1 117.1#

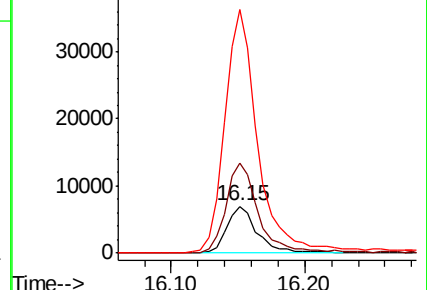
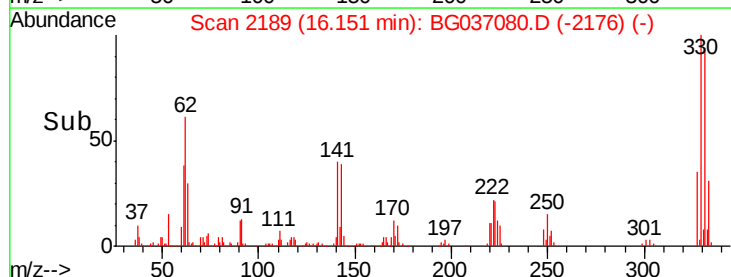
141 524.0 53.7 80.5#

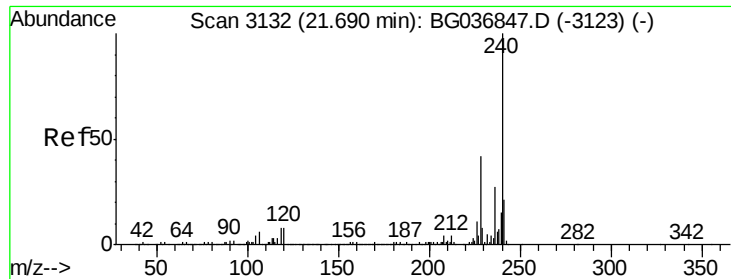


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037080.D

Acq: 1 Oct 2018 17:40

Instrument :

BNA_G

ClientSampleId :

KR-RO-VNJ-221

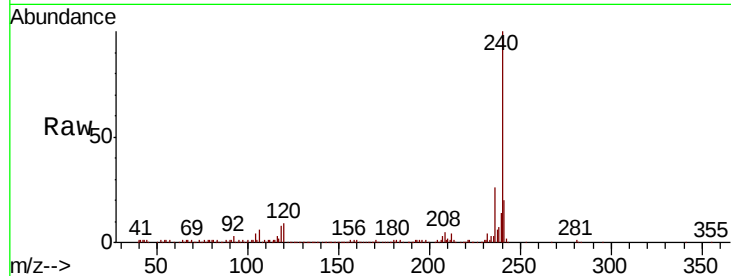
Tot Ion:240 Resp: 313955

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

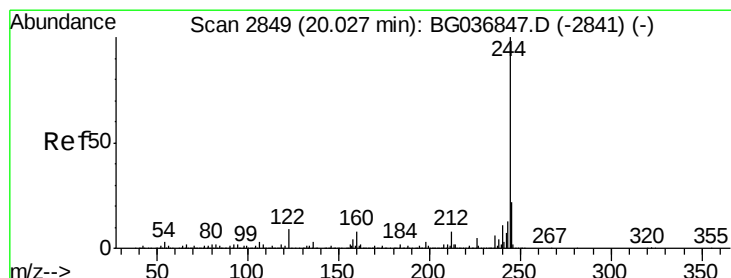
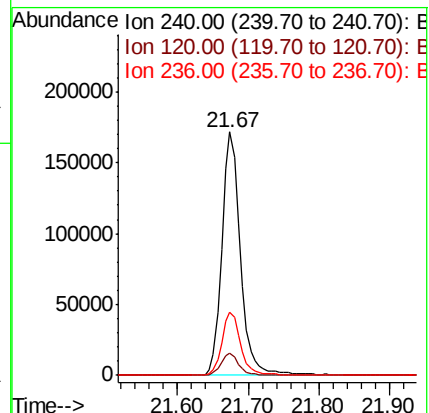
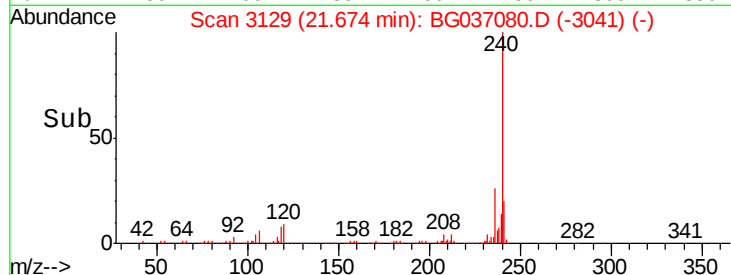
236 26.1 21.2 31.8



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: 81.495 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037080.D

Acq: 1 Oct 2018 17:40

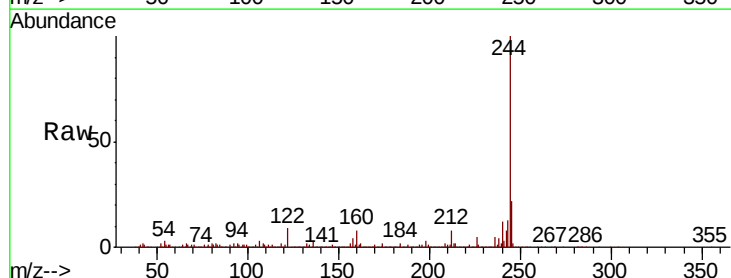
Tgt Ion:244 Resp: 973035

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

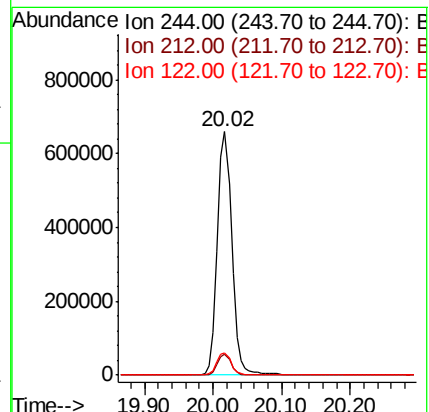
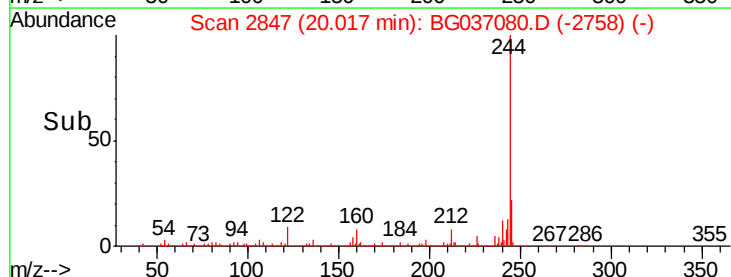
122 9.1 7.1 10.7

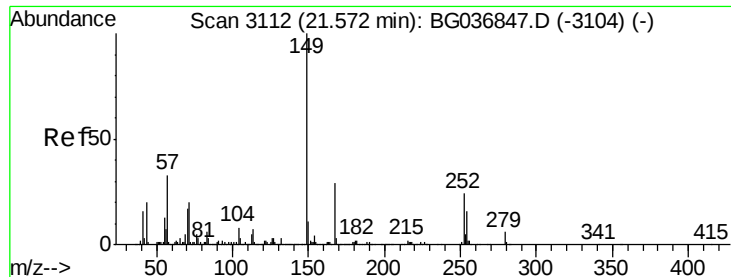


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 12.094 ng

RT: 21.56 min Scan# 3109

Delta R.T. -0.02 min

Lab File: BG037080.D

Acq: 1 Oct 2018 17:40

Instrument :

BNA_G

ClientSampleId :

KR-RO-VNJ-221

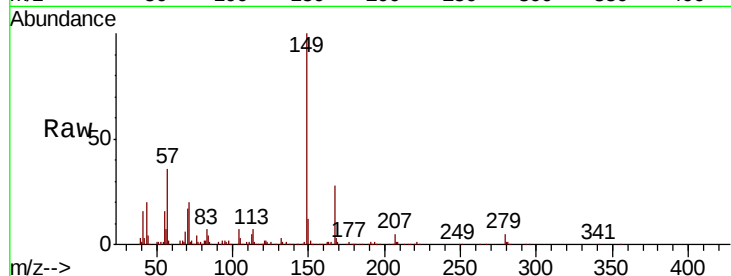
Tot Ion:149 Resp: 126871

Ion Ratio Lower Upper

149 100

167 27.7 23.4 35.0

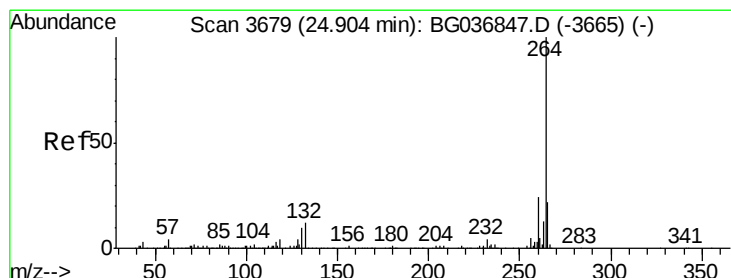
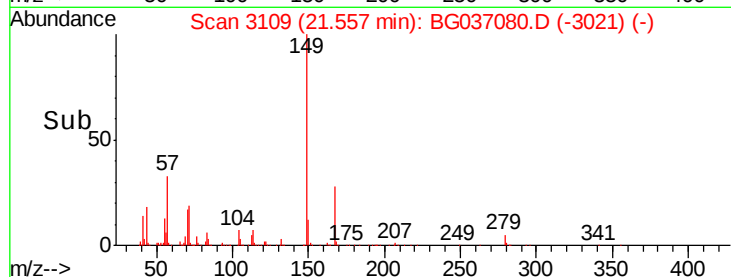
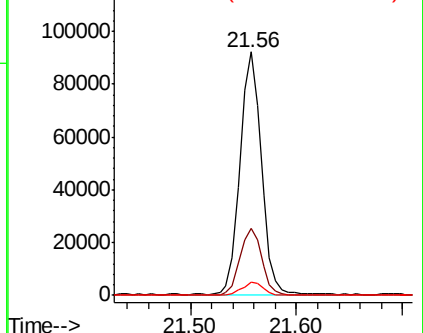
279 5.3 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037080.D

Acq: 1 Oct 2018 17:40

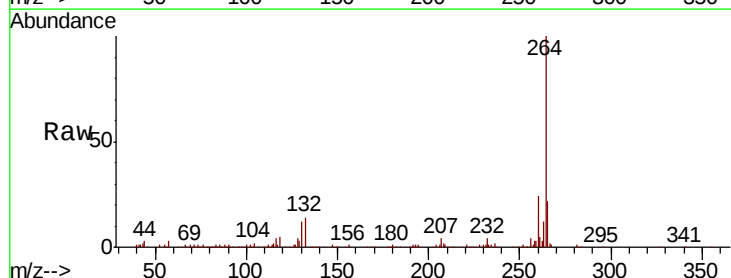
Tgt Ion:264 Resp: 332275

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.9 17.4 26.0



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

