

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100118\
 Data File : BG037083.D
 Acq On : 1 Oct 2018 19:37
 Operator : JU/SJ
 Sample : J5171-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 02 05:31:24 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

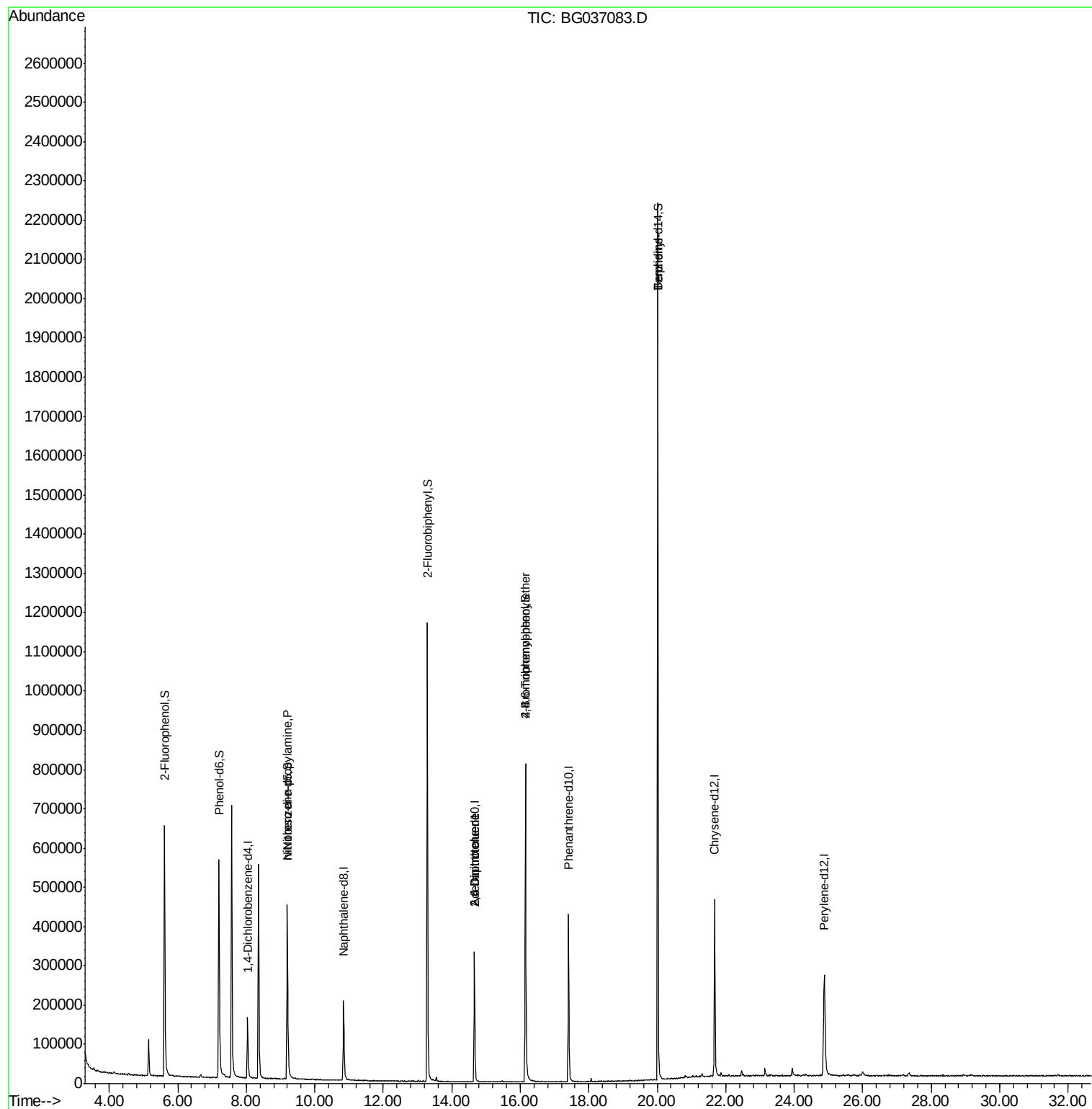
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50843	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	209268	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	127463	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	307215	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	316568	20.00	ng	-0.02
86) Perylene-d12	24.87	264	309701	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	300764	113.45	ng	0.00
7) Phenol-d6	7.20	99	378357	92.24	ng	-0.01
23) Nitrobenzene-d5	9.20	82	330307	84.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	167632	109.92	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	666071	77.83	ng	-0.01
78) Terphenyl-d14	20.02	244	1122511	93.24	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	42433	12.436	ng	# 75
50) 2,6-Dinitrotoluene	14.66	165	15724	7.024	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	15724	5.034	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	11732	3.357	ng	# 1
76) Benzidine	20.02	184	19465	2.034	ng	# 92

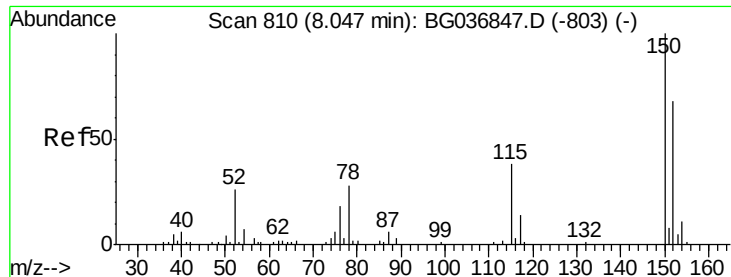
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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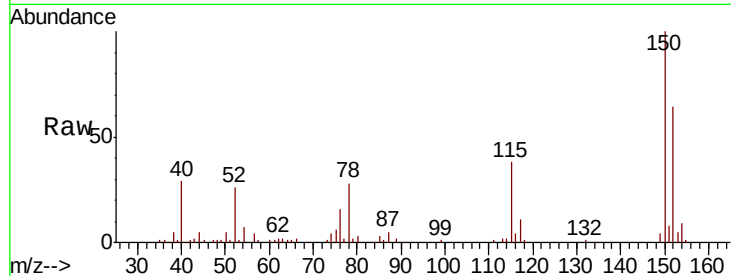


#1

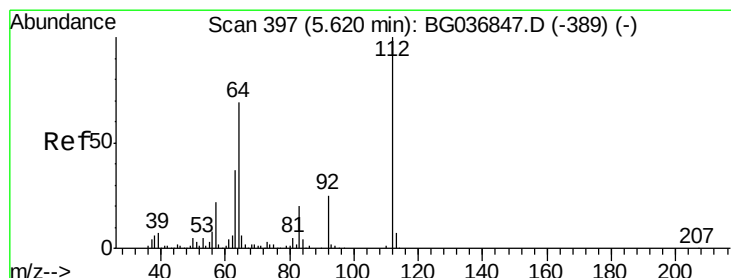
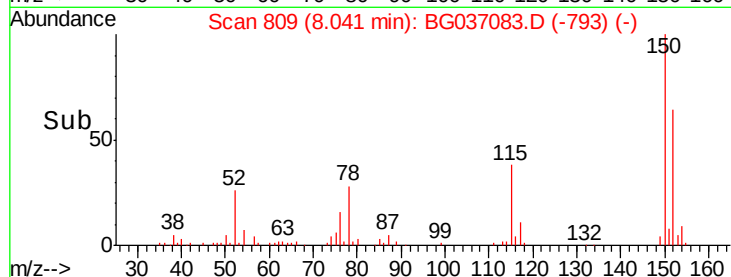
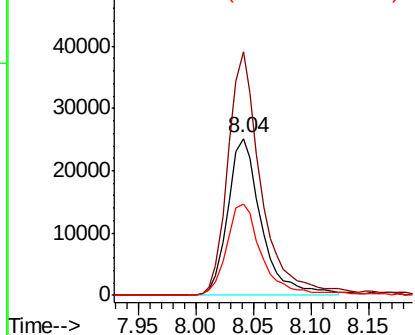
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

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

Tgt Ion:152 Resp: 50843
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 58.5 44.5 66.7



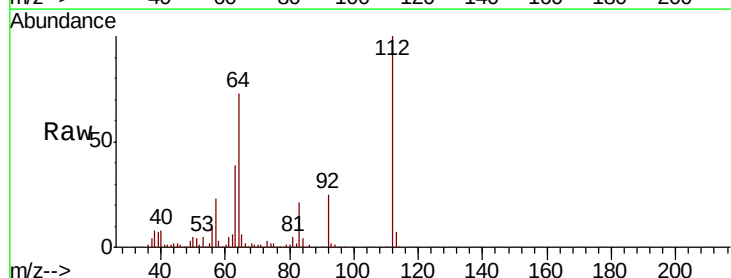
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



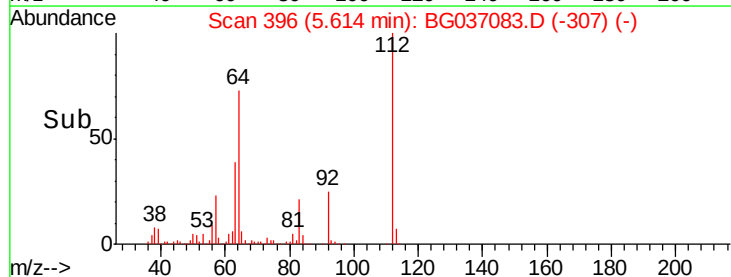
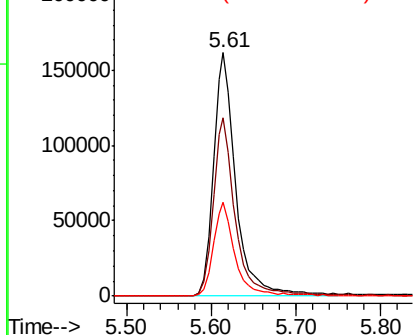
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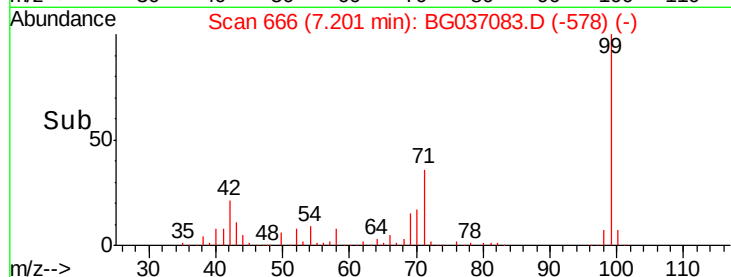
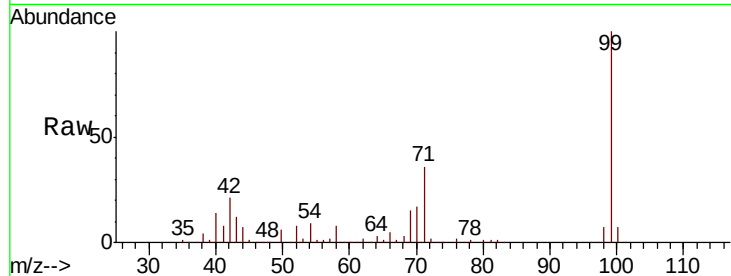
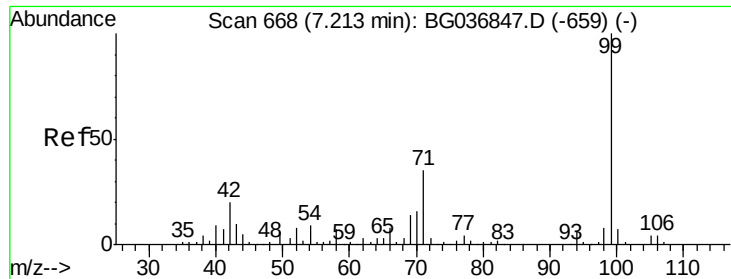
2-Fluorophenol
Concen: 113.447 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

Tgt Ion:112 Resp: 300764
Ion Ratio Lower Upper
112 100
64 73.2 57.2 85.8
63 38.5 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: 92.243 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037083.D

Acq: 1 Oct 2018 19:37

Instrument :

BNA_G

ClientSampleId :

KR-RO-VNJ-221

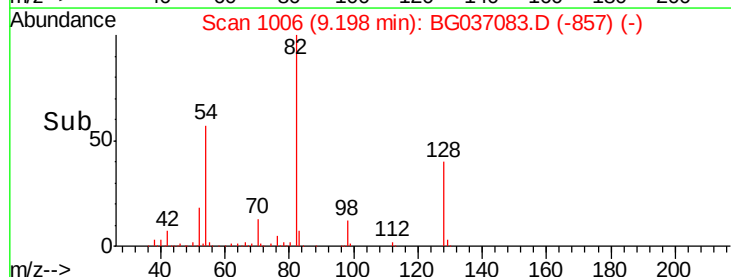
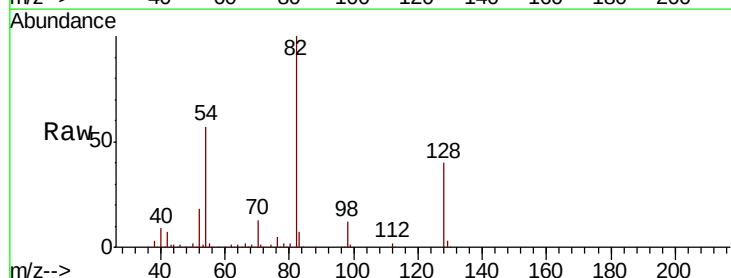
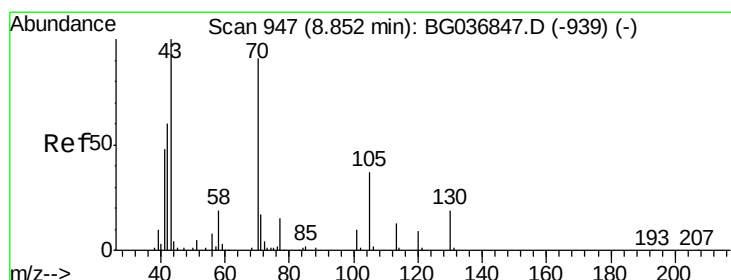
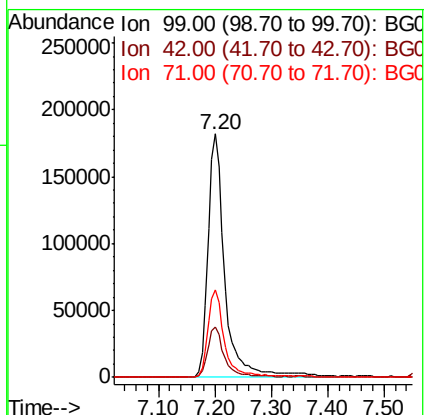
Tgt Ion: 99 Resp: 378357

Ion Ratio Lower Upper

99 100

42 20.7 16.5 24.7

71 36.0 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.436 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037083.D

Acq: 1 Oct 2018 19:37

Tgt Ion: 70 Resp: 42433

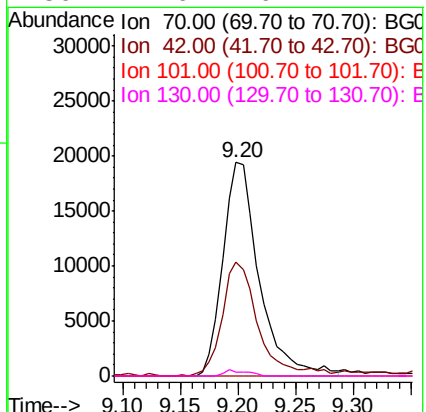
Ion Ratio Lower Upper

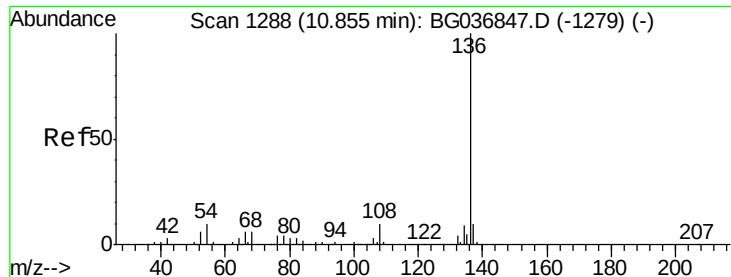
70 100

42 53.3 56.2 84.4#

101 0.0 7.8 11.6#

130 1.6 16.2 24.2#

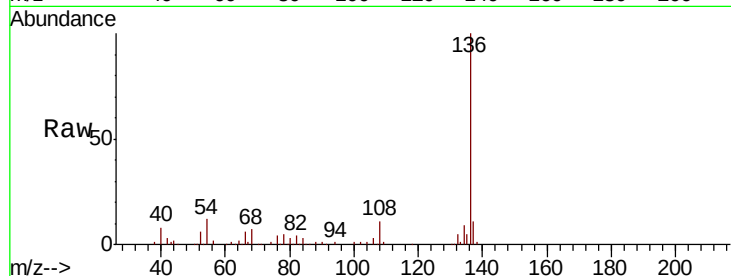




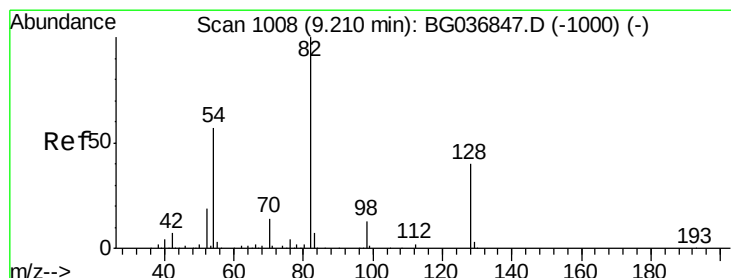
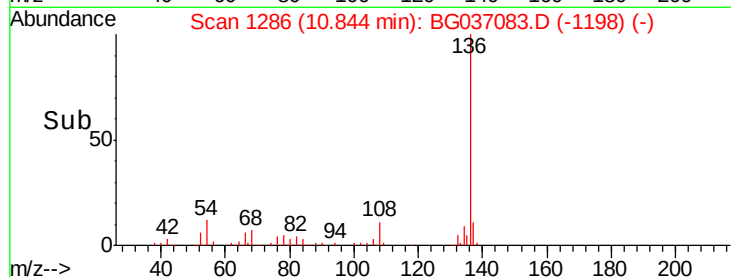
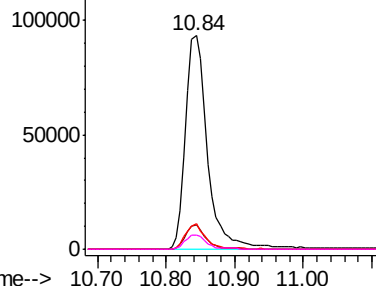
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

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

Tgt Ion:	136	Resp:	209268
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.9	9.2	13.8
68	6.8	5.8	8.6

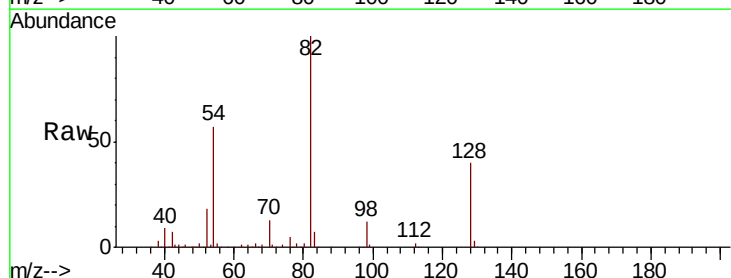


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

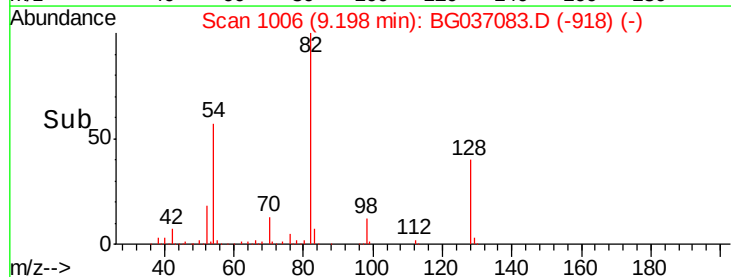
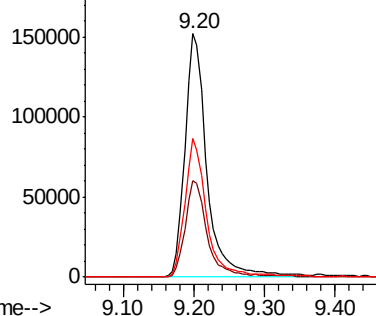


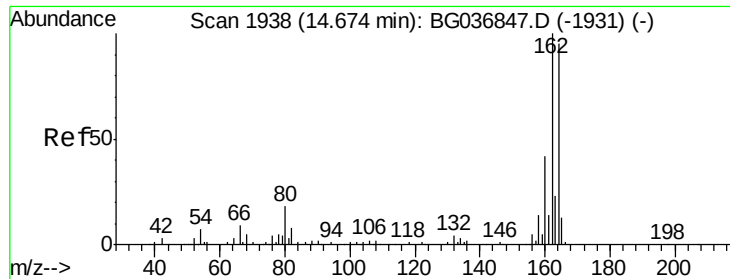
#23
Nitrobenzene-d5
Concen: 84.525 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

Tgt Ion:	82	Resp:	330307
Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.3	49.9
54	56.9	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037083.D

Acq: 1 Oct 2018 19:37

Instrument :

BNA_G

ClientSampleId :

KR-RO-VNJ-221

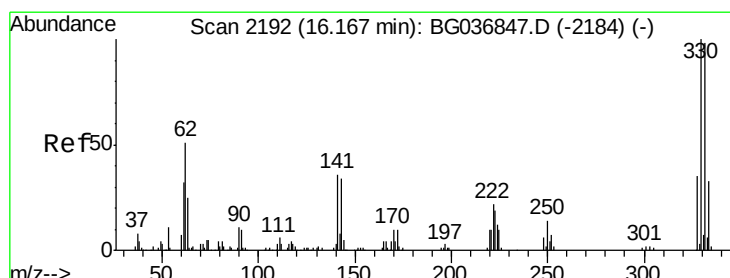
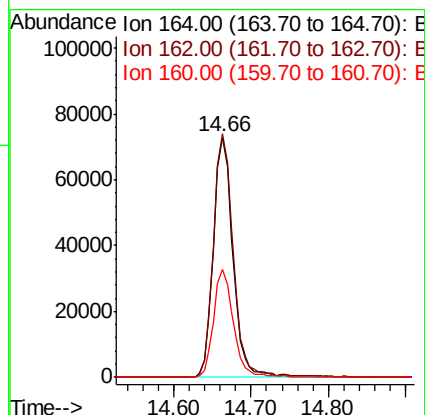
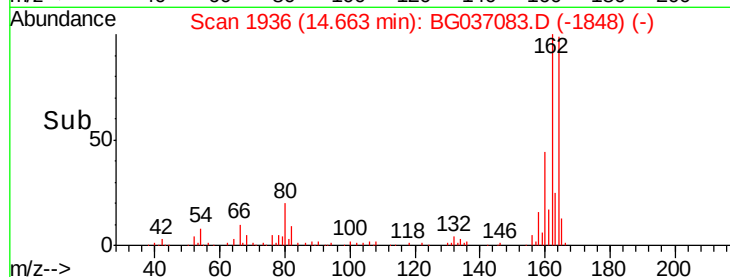
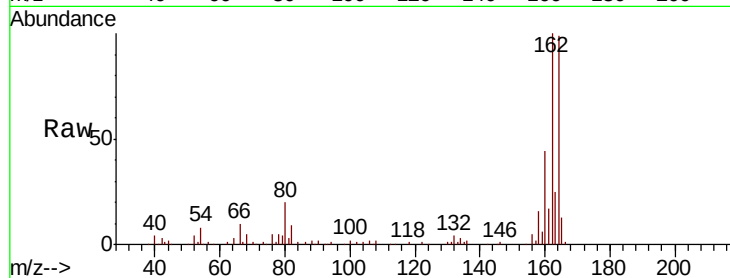
Tgt Ion:164 Resp: 127463

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

160 45.0 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 109.921 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037083.D

Acq: 1 Oct 2018 19:37

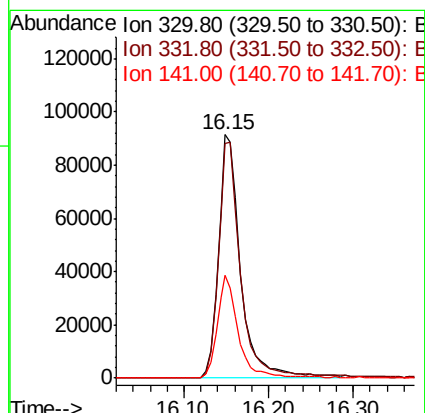
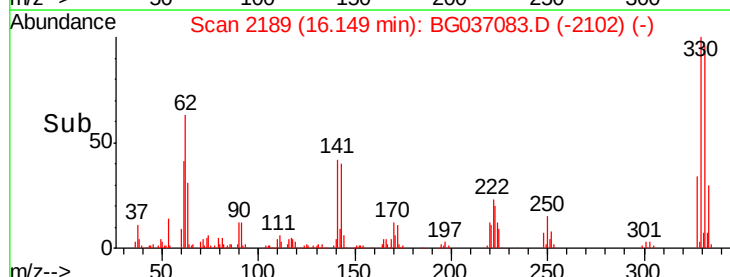
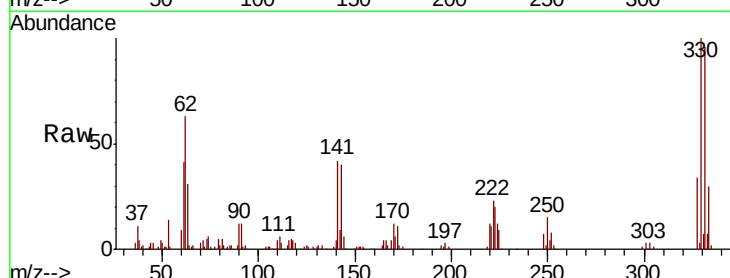
Tgt Ion:330 Resp: 167632

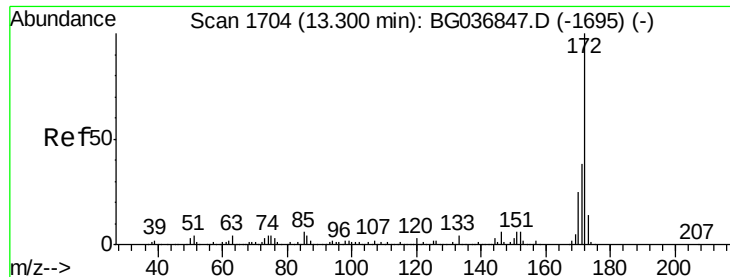
Ion Ratio Lower Upper

330 100

332 97.5 75.4 113.2

141 40.2 30.7 46.1

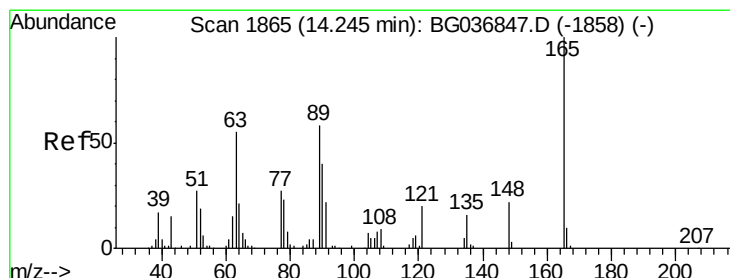
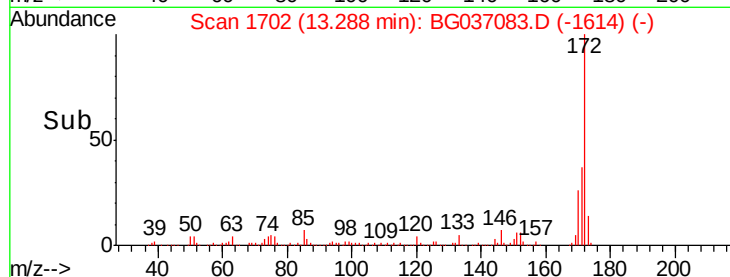
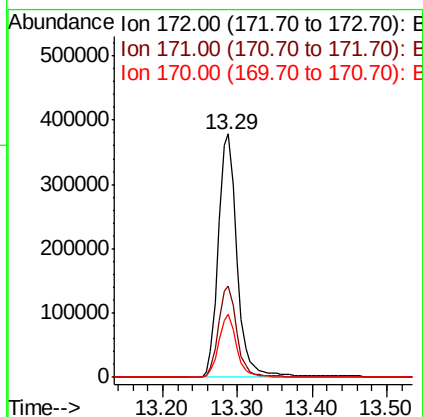
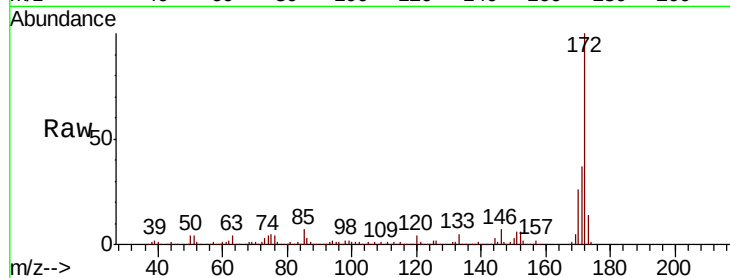




#44
 2-Fluorobiphenyl
 Concen: 77.830 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037083.D
 Acq: 1 Oct 2018 19:37

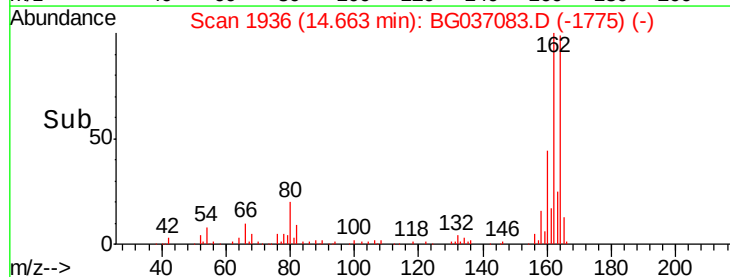
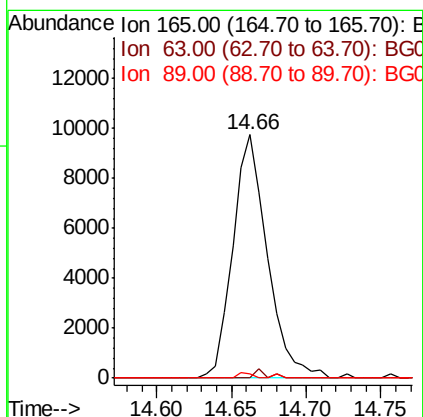
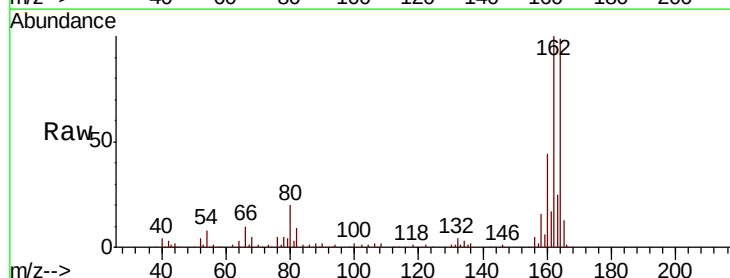
Instrument :
 BNA_G
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 KR-RO-VNJ-221

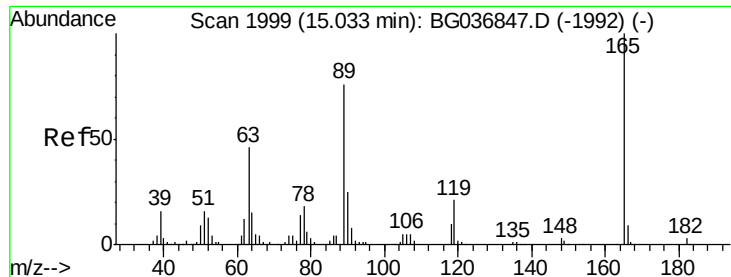
Tgt Ion:172 Resp: 666071
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.3 46.9
 170 25.8 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.024 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037083.D
 Acq: 1 Oct 2018 19:37

Tgt Ion:165 Resp: 15724
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 2.0 47.8 71.6#

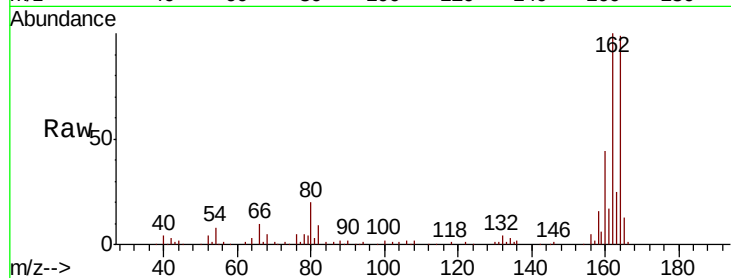




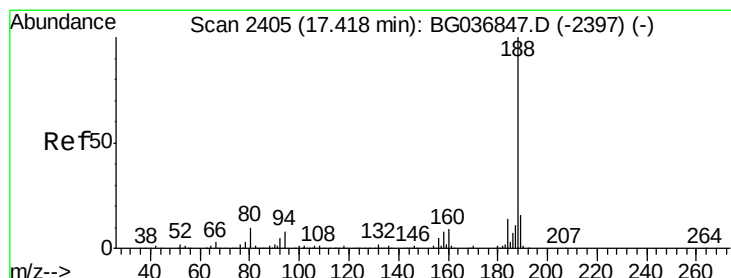
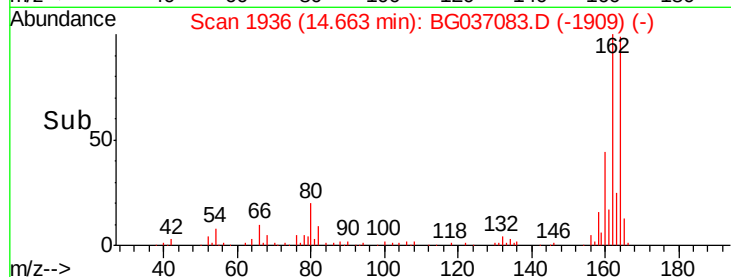
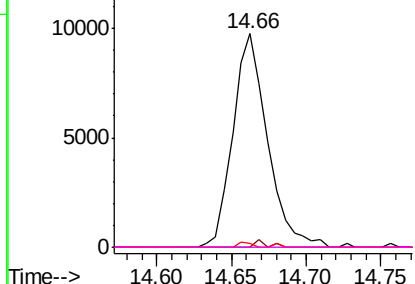
#56
2,4-Dinitrotoluene
Concen: 5.034 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

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

Tgt Ion:	165	Resp:	15724
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#

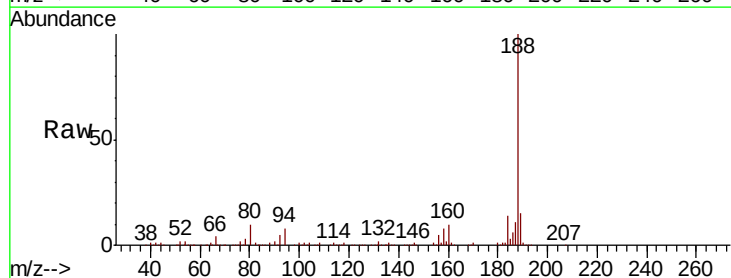


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

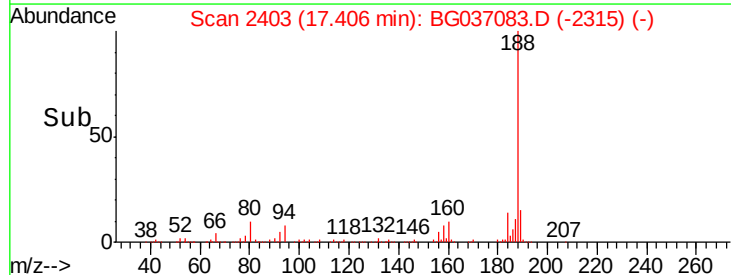
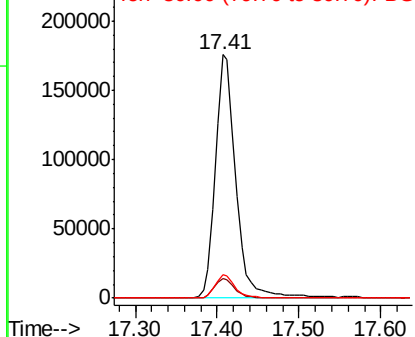


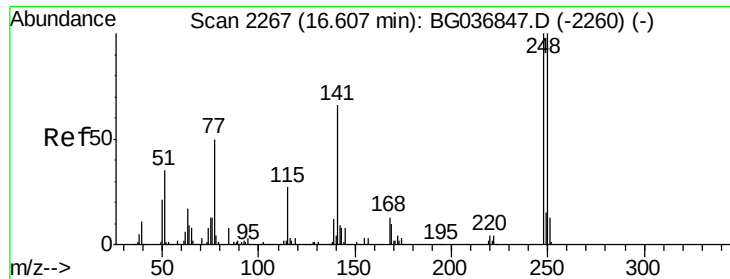
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

Tgt Ion:	188	Resp:	307215
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.6	8.1	12.1



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

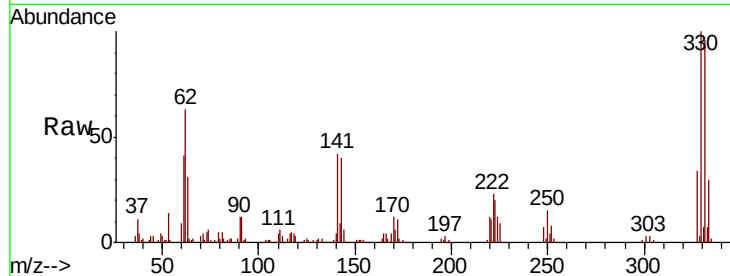




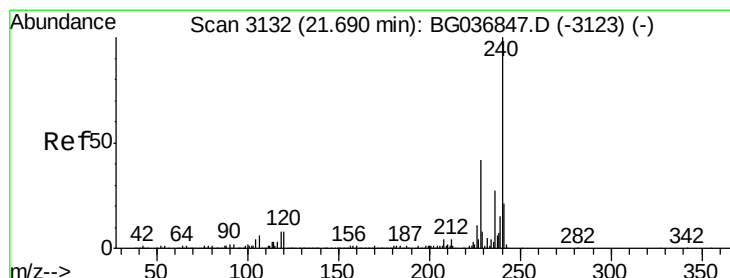
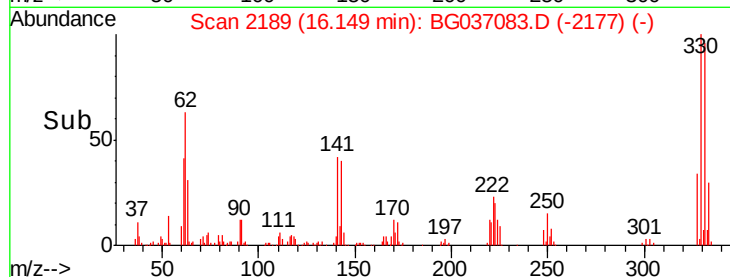
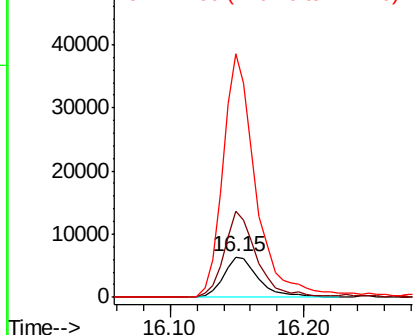
#66
 4-Bromophenyl-phenylether
 Concen: 3.357 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037083.D
 Acq: 1 Oct 2018 19:37

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

Tgt Ion:248 Resp: 11732
 Ion Ratio Lower Upper
 248 100
 250 215.7 78.1 117.1#
 141 605.7 53.7 80.5#

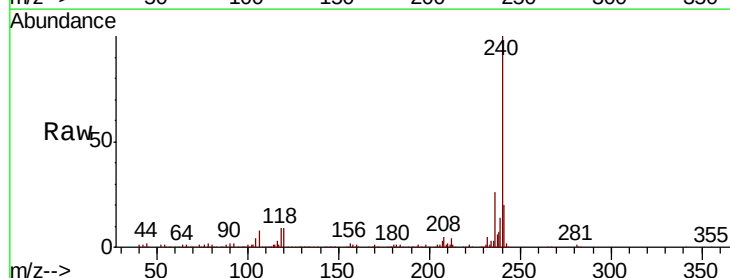


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

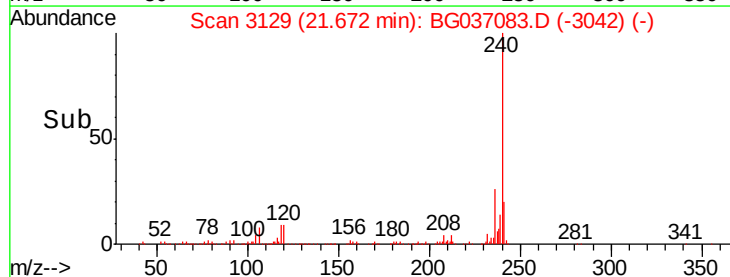
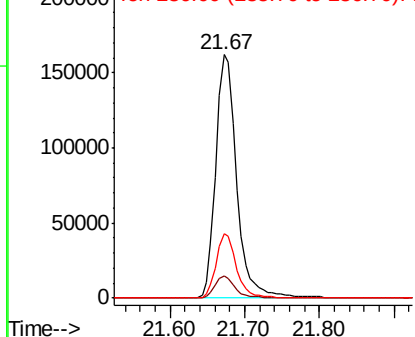


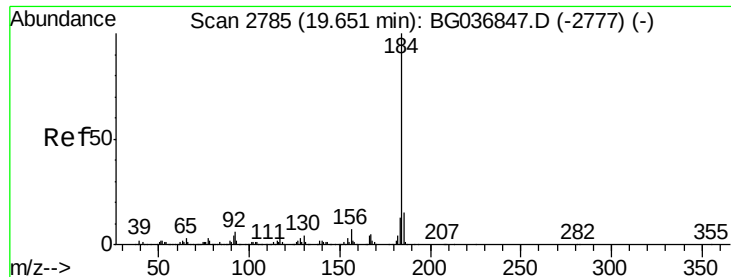
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037083.D
 Acq: 1 Oct 2018 19:37

Tgt Ion:240 Resp: 316568
 Ion Ratio Lower Upper
 240 100
 120 9.0 6.9 10.3
 236 26.4 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

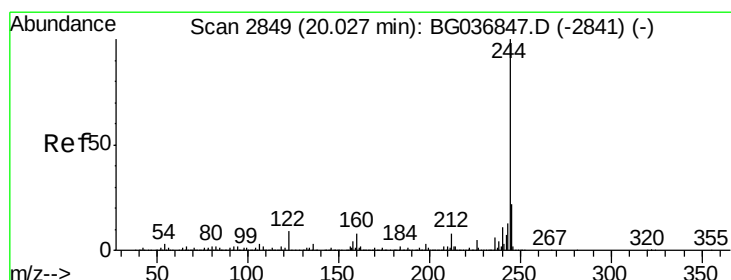
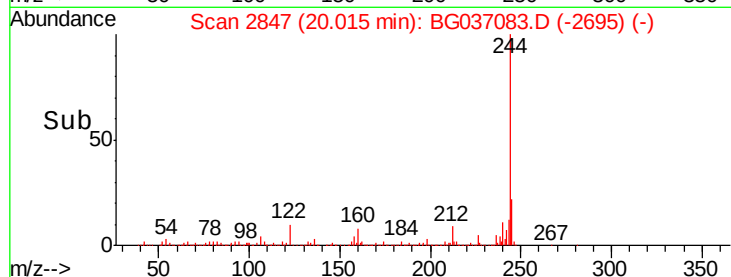
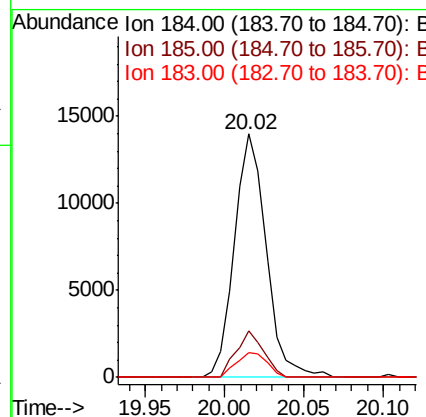
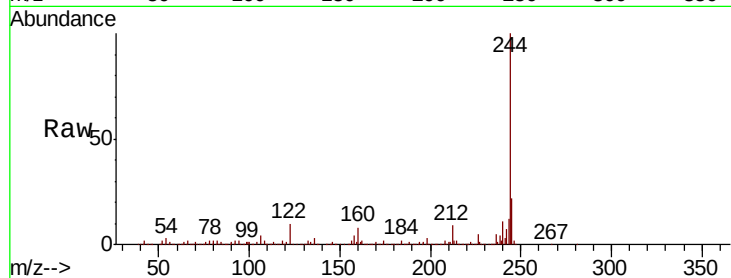




#76
Benzidine
Concen: 2.034 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.36 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

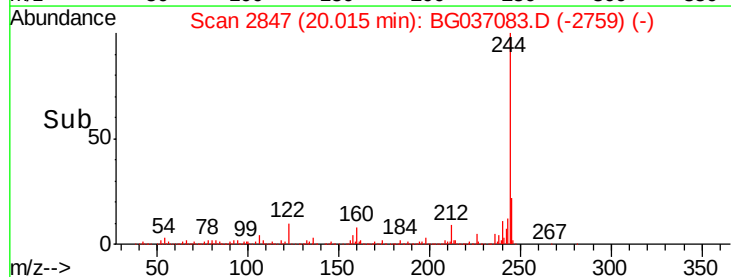
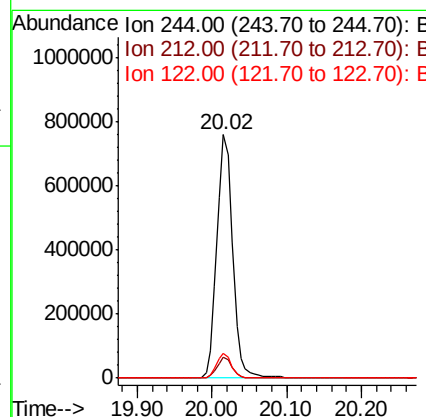
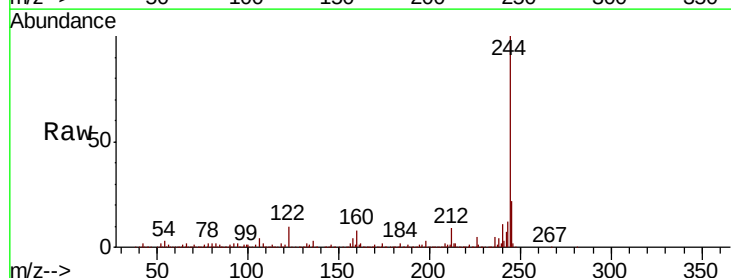
Instrument :
BNA_G
ClientSampleId :
KR-RO-VNJ-221

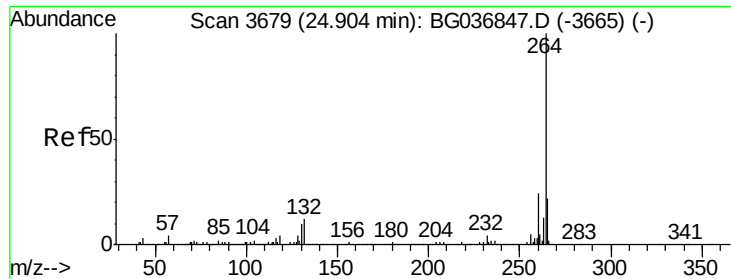
Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.9	12.6	18.8#
183	10.4	10.9	16.3#



#78
Terphenyl-d14
Concen: 93.238 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	10.1	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

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

Tgt Ion:264 Resp: 309701
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.3 17.4 26.0

