

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
 Data File : BG038178.D
 Acq On : 27 Nov 2018 22:15
 Operator : JU/SJ
 Sample : J5770-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-B

Quant Time: Nov 28 04:13:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

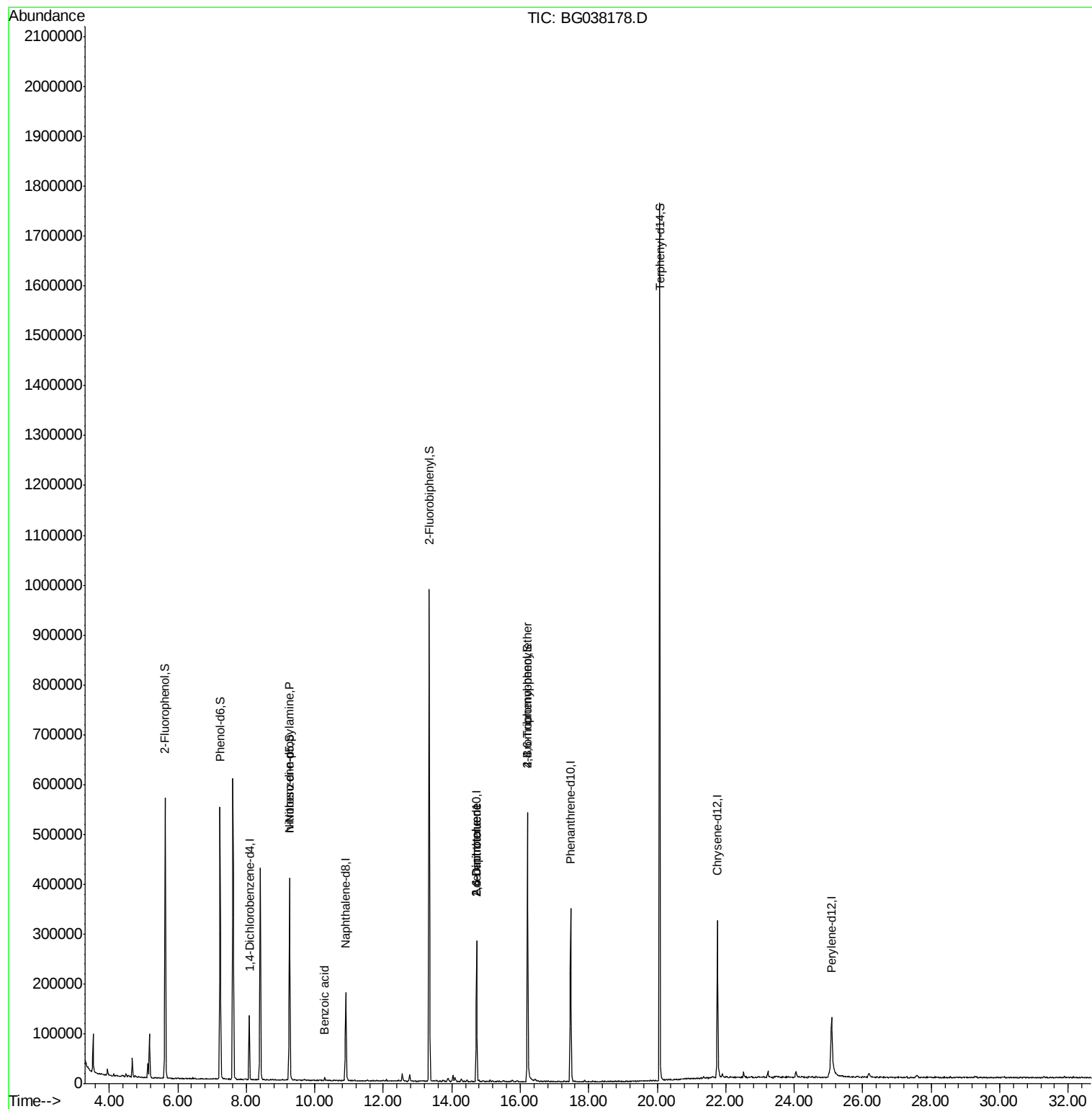
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	37475	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	159774	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	101277	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	228437	20.00	ng	0.00
76) Chrysene-d12	21.75	240	212272	20.00	ng	0.00
87) Perylene-d12	25.09	264	178848	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	252134	116.16	ng	0.00
7) Phenol-d6	7.24	99	331316	106.94	ng	0.00
23) Nitrobenzene-d5	9.26	82	251869	84.39	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	106186	91.93	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	523074	75.24	ng	0.00
79) Terphenyl-d14	20.07	244	868292	96.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	31726	14.152	ng	# 76
32) Benzoic acid	10.27	122	58	12.362	ng	# 1
51) 2,6-Dinitrotoluene	14.72	165	12924	7.112	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	12924	5.227	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	7326	2.922	ng	# 1

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

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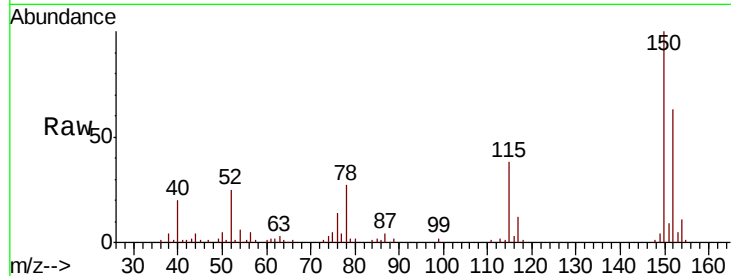


#1

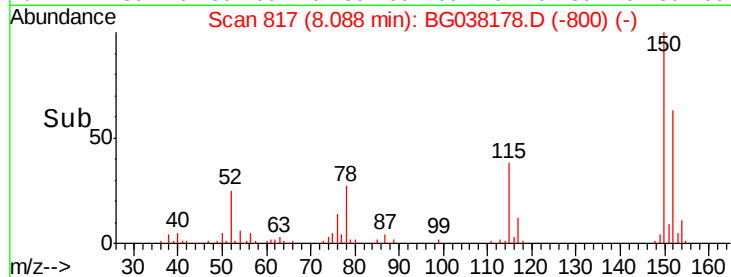
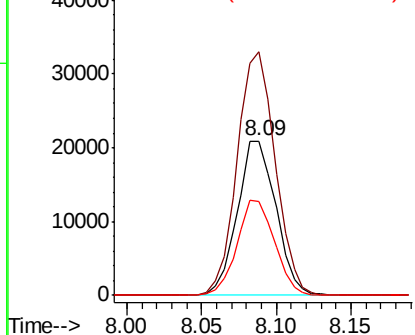
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038178.D
Acq: 27 Nov 2018 22:15

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-B

Tgt Ion:152 Resp: 37475
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 60.3 45.5 68.3



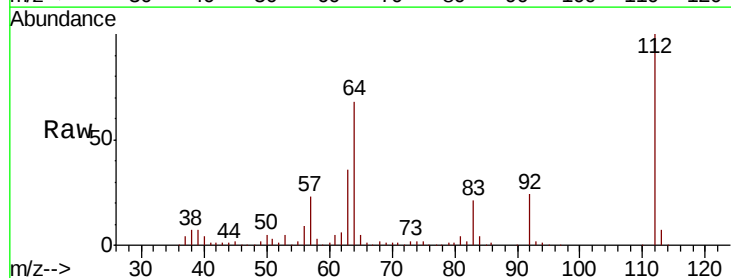
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



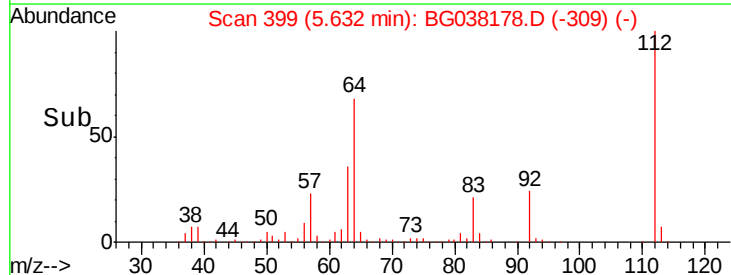
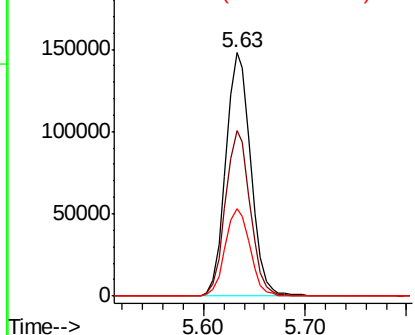
#5

2-Fluorophenol
Concen: 116.164 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038178.D
Acq: 27 Nov 2018 22:15

Tgt Ion:112 Resp: 252134
Ion Ratio Lower Upper
112 100
64 68.2 53.1 79.7
63 36.2 27.3 40.9



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: 106.936 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038178.D

Acq: 27 Nov 2018 22:15

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-B

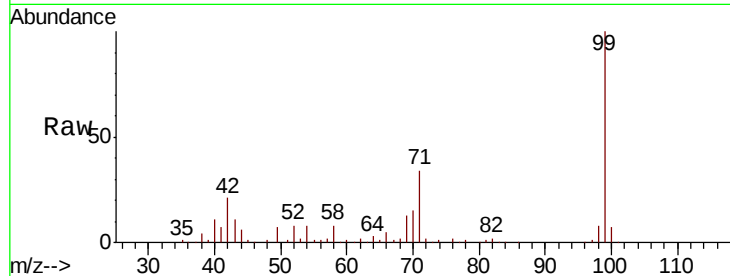
Tgt Ion: 99 Resp: 331316

Ion Ratio Lower Upper

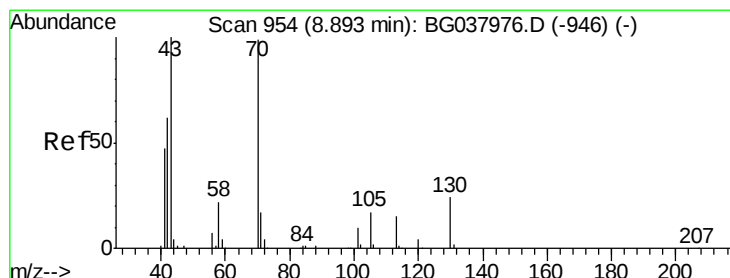
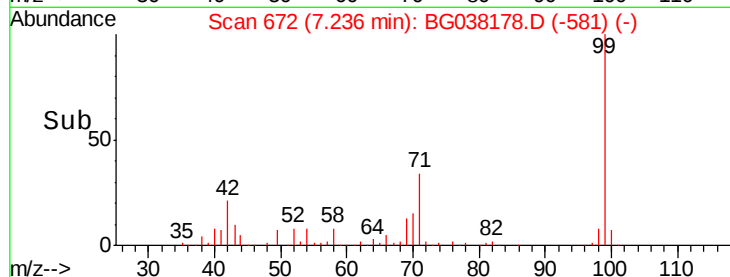
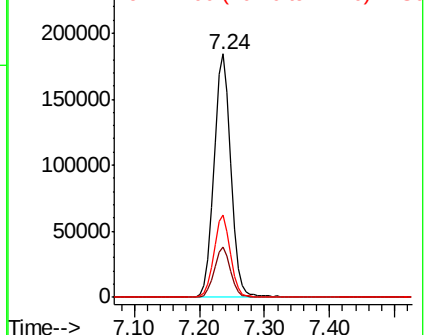
99 100

42 20.5 15.0 22.4

71 33.6 25.5 38.3



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: 14.152 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038178.D

Acq: 27 Nov 2018 22:15

Tgt Ion: 70 Resp: 31726

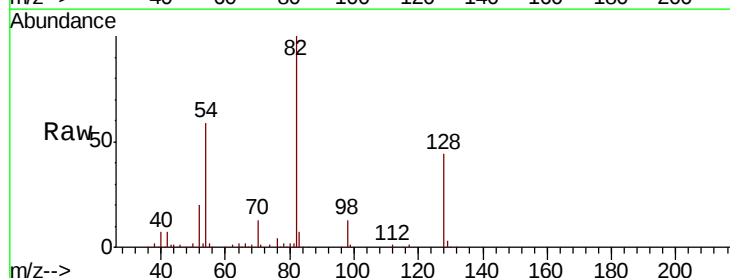
Ion Ratio Lower Upper

70 100

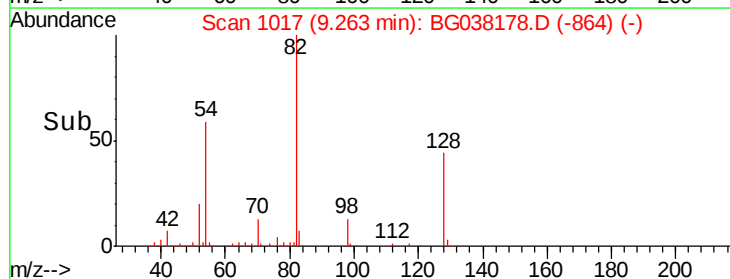
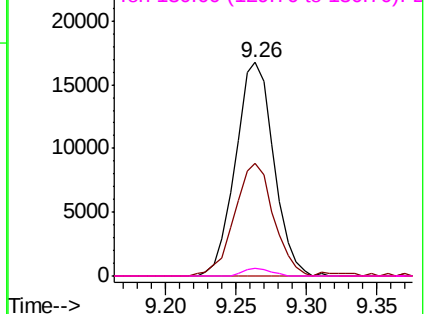
42 53.0 53.9 80.9#

101 0.0 8.2 12.2#

130 3.4 18.2 27.4#



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

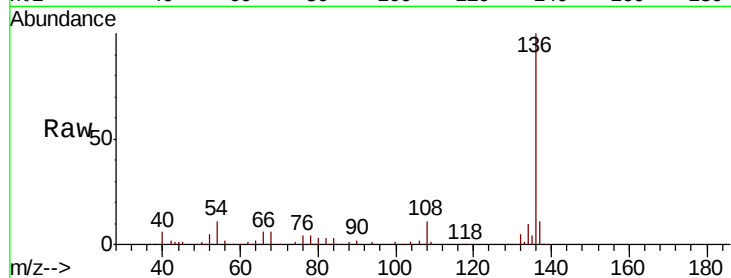




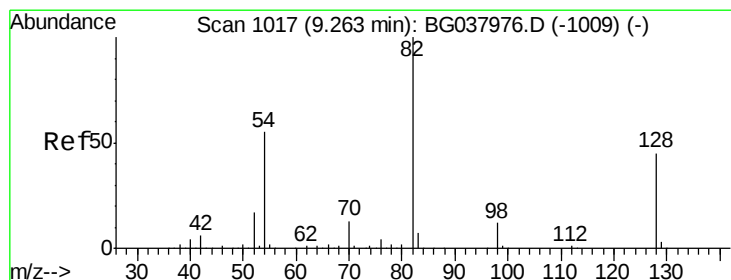
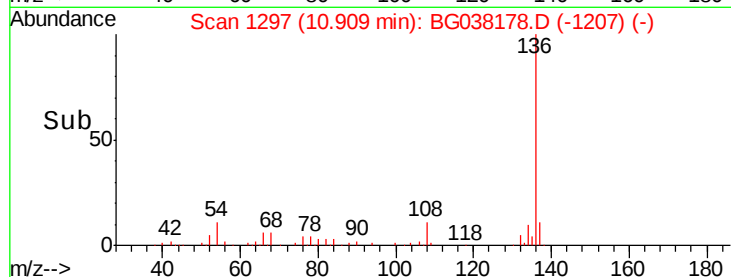
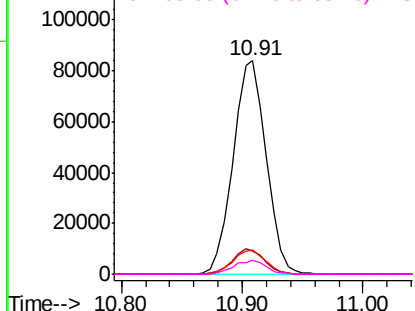
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038178.D
Acq: 27 Nov 2018 22:15

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-B

Tgt Ion:	136	Resp:	159774
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	11.3	7.9	11.9
68	6.4	4.8	7.2

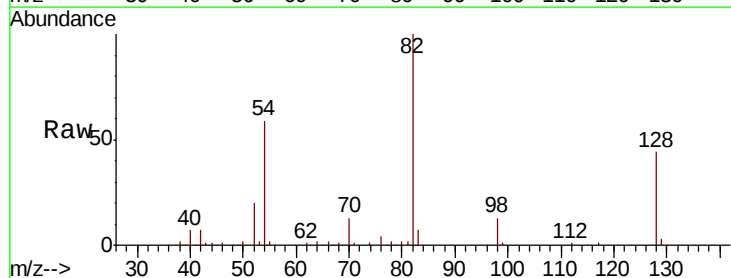


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

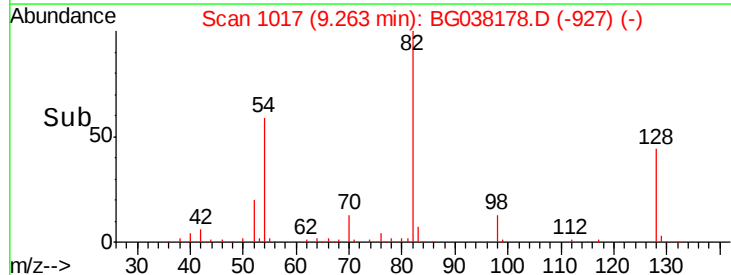
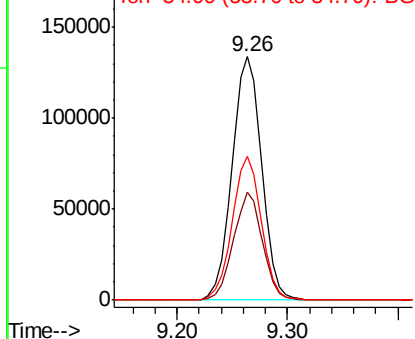


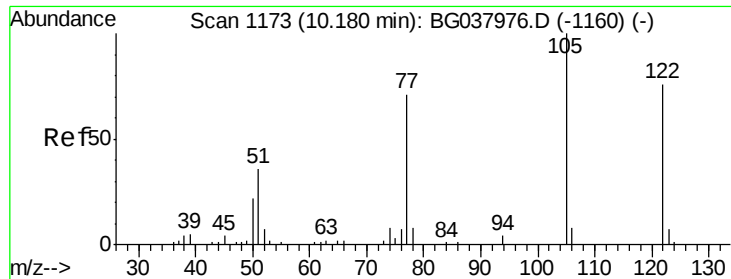
#23
Nitrobenzene-d5
Concen: 84.386 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038178.D
Acq: 27 Nov 2018 22:15

Tgt Ion:	82	Resp:	251869
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	59.1	45.3	67.9



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: 12.362 ng

RT: 10.27 min Scan# 1188

Delta R.T. 0.09 min

Lab File: BG038178.D

Acq: 27 Nov 2018 22:15

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-B

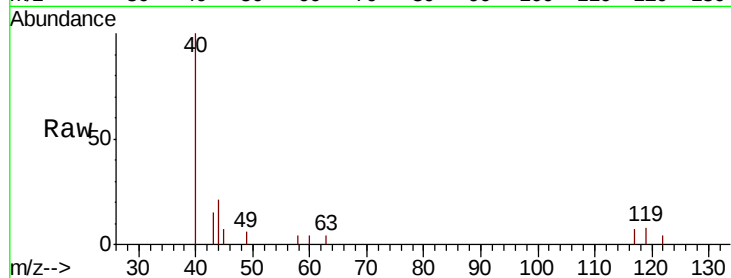
Tgt Ion:122 Resp: 58

Ion Ratio Lower Upper

122 100

105 0.0 106.7 146.7#

77 0.0 72.2 112.2#

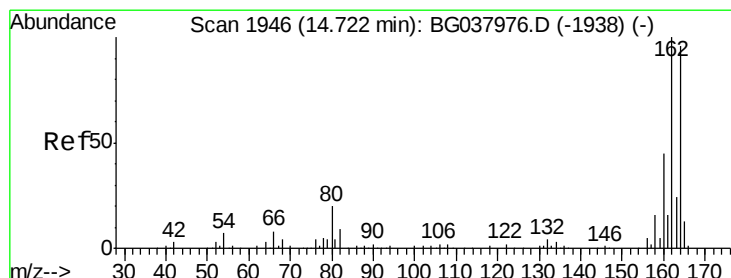
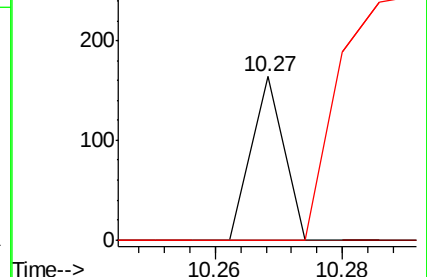
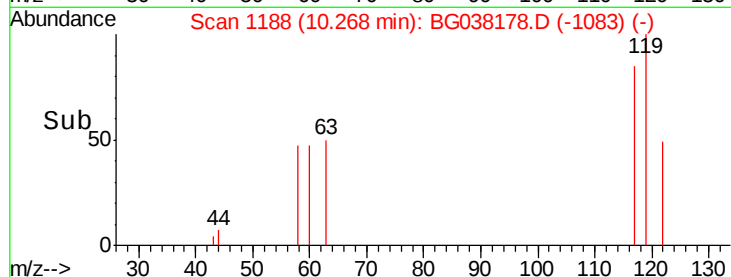


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038178.D

Acq: 27 Nov 2018 22:15

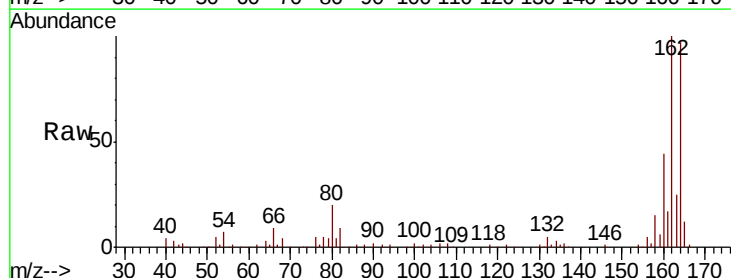
Tgt Ion:164 Resp: 101277

Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

160 45.1 36.3 54.5

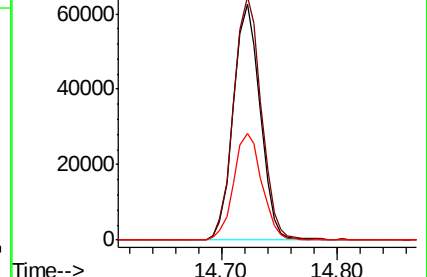
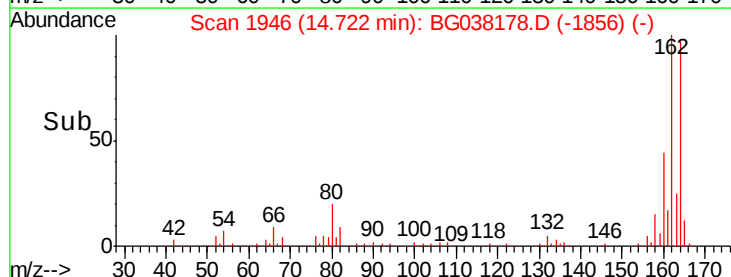


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->





#42

2,4,6-Tribromophenol

Concen: 91.933 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038178.D

Acq: 27 Nov 2018 22:15

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-B

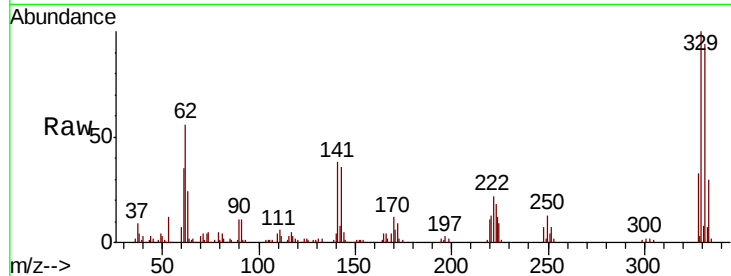
Tgt Ion:330 Resp: 106186

Ion Ratio Lower Upper

330 100

332 97.2 78.4 117.6

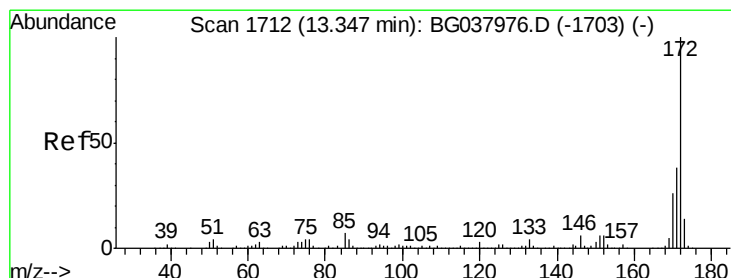
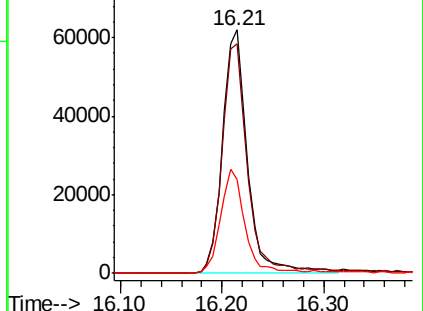
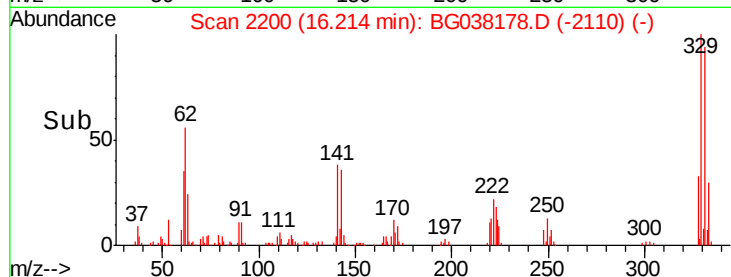
141 41.3 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 75.243 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038178.D

Acq: 27 Nov 2018 22:15

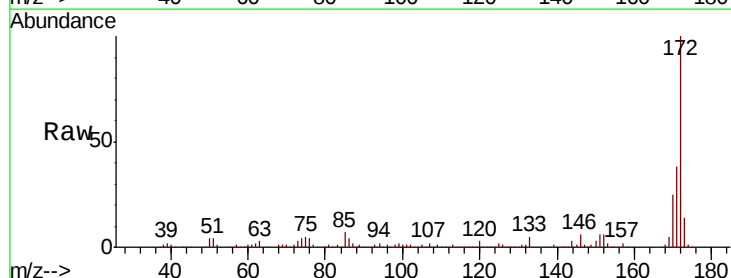
Tgt Ion:172 Resp: 523074

Ion Ratio Lower Upper

172 100

171 37.9 31.0 46.4

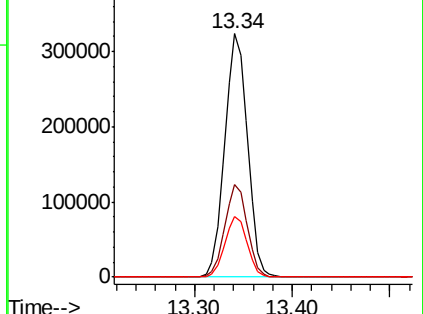
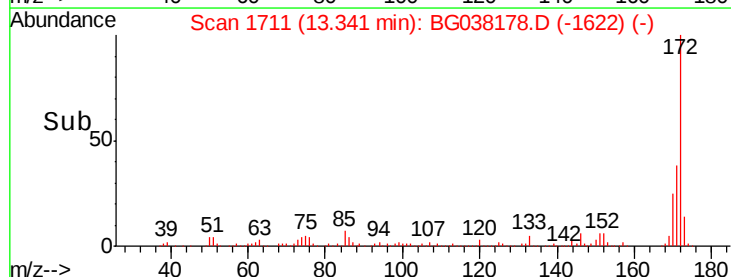
170 24.8 20.2 30.2

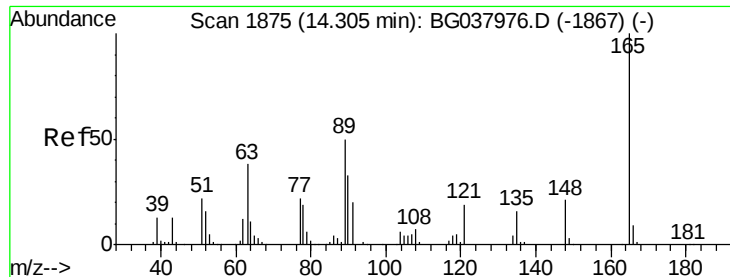


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

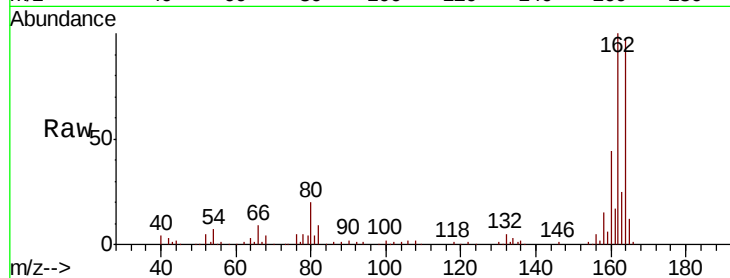




#51
 2,6-Dinitrotoluene
 Concen: 7.112 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038178.D
 Acq: 27 Nov 2018 22:15

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-B

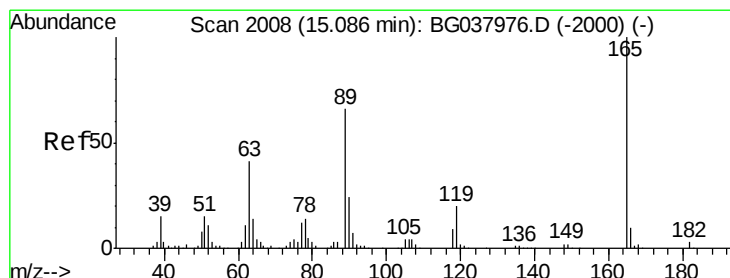
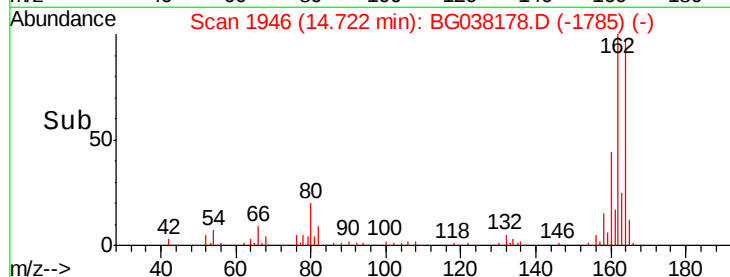
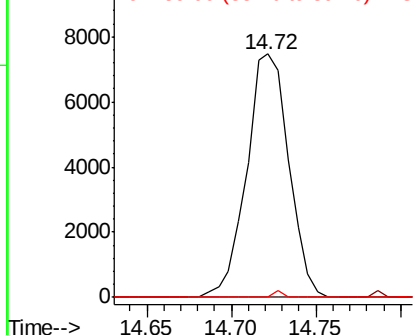
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



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



#57
 2,4-Dinitrotoluene
 Concen: 5.227 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038178.D
 Acq: 27 Nov 2018 22:15

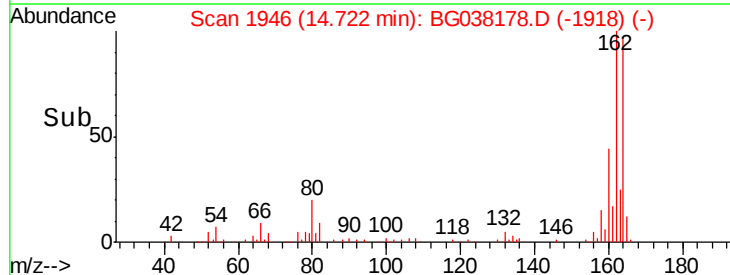
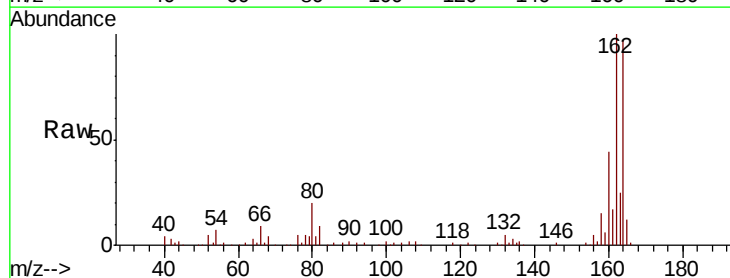
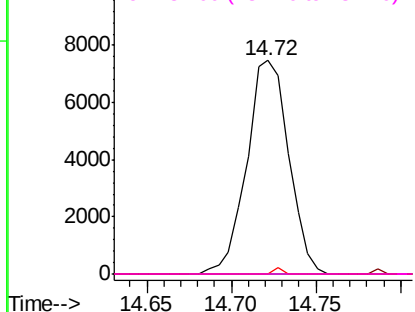
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

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

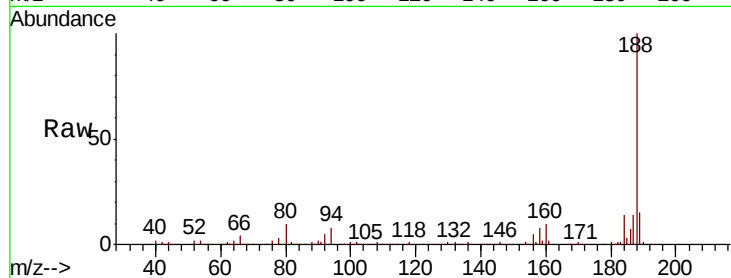




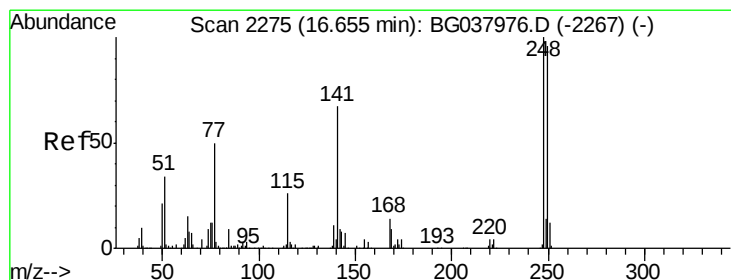
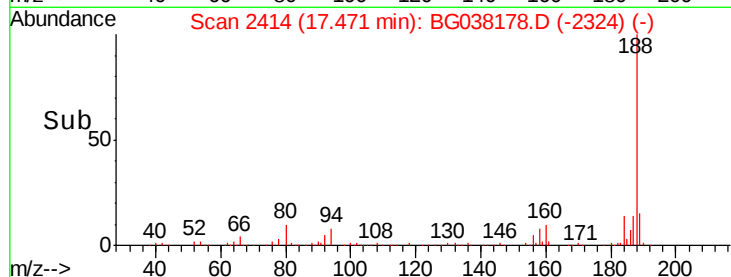
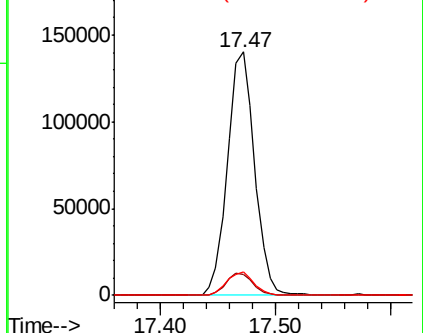
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038178.D
 Acq: 27 Nov 2018 22:15

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-B

Tgt Ion:188 Resp: 228437
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.2 10.8
 80 9.5 7.7 11.5

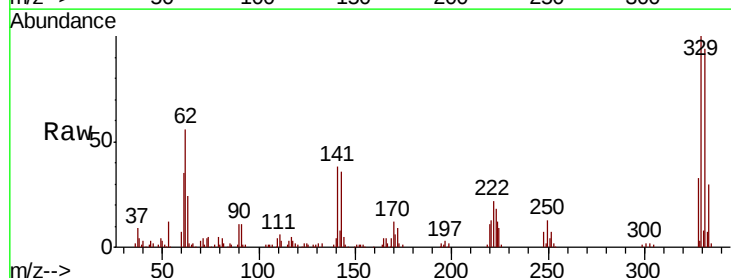


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

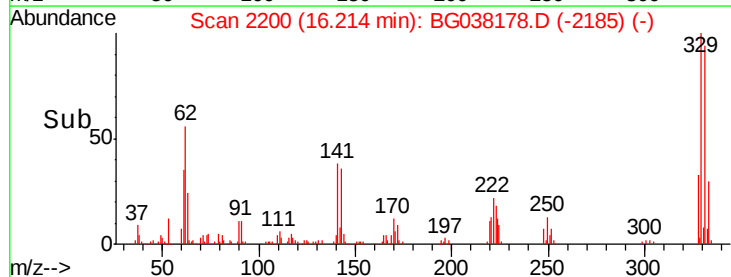
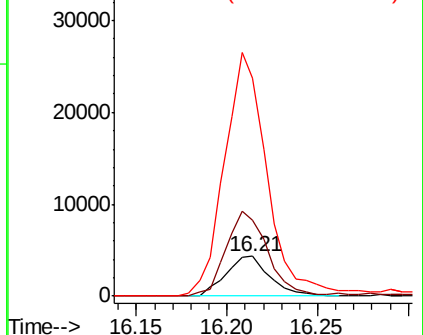


#67
 4-Bromophenyl-phenylether
 Concen: 2.922 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.44 min
 Lab File: BG038178.D
 Acq: 27 Nov 2018 22:15

Tgt Ion:248 Resp: 7326
 Ion Ratio Lower Upper
 248 100
 250 184.7 77.0 115.6#
 141 413.4 55.5 83.3#



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

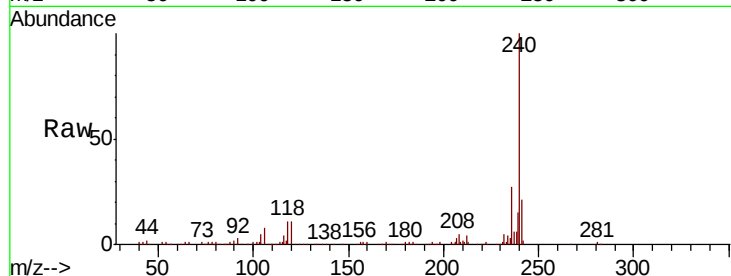




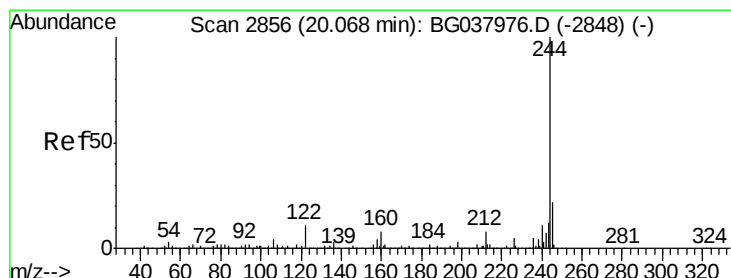
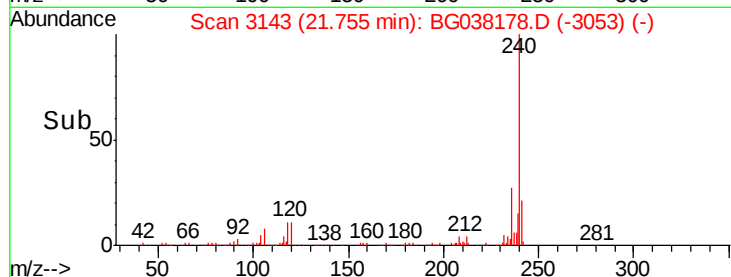
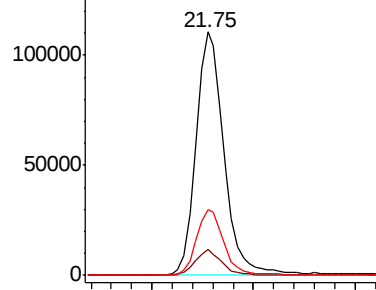
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038178.D
Acq: 27 Nov 2018 22:15

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-B

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.0	21.4	32.0

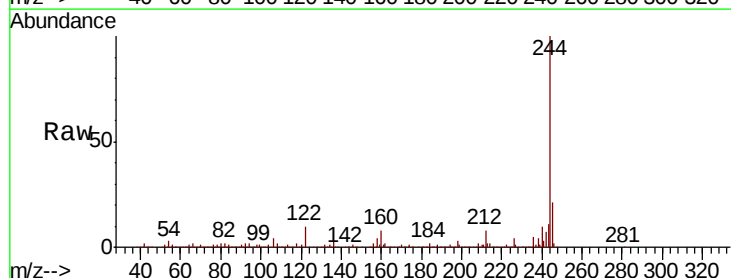


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

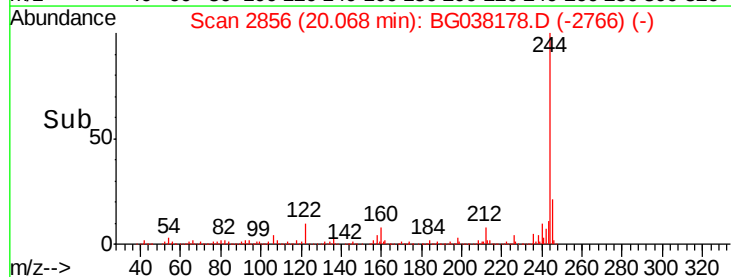
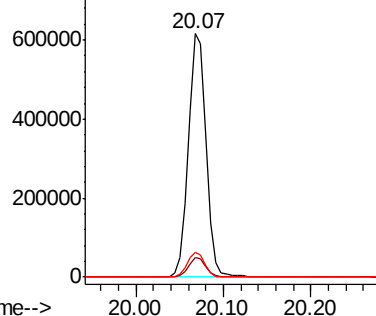


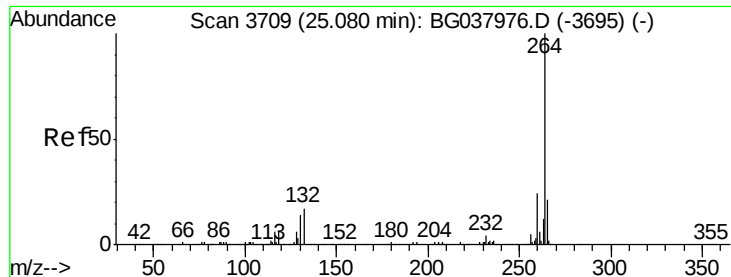
#79
Terphenyl-d14
Concen: 96.249 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038178.D
Acq: 27 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.4	9.0	13.4



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. 0.01 min
Lab File: BG038178.D
Acq: 27 Nov 2018 22:15

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-B

Tgt Ion: 264 Resp: 178848
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.4
265 21.9 17.9 26.9

