

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
 Data File : BG038175.D
 Acq On : 27 Nov 2018 20:17
 Operator : JU/SJ
 Sample : J5770-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 28 04:11:41 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

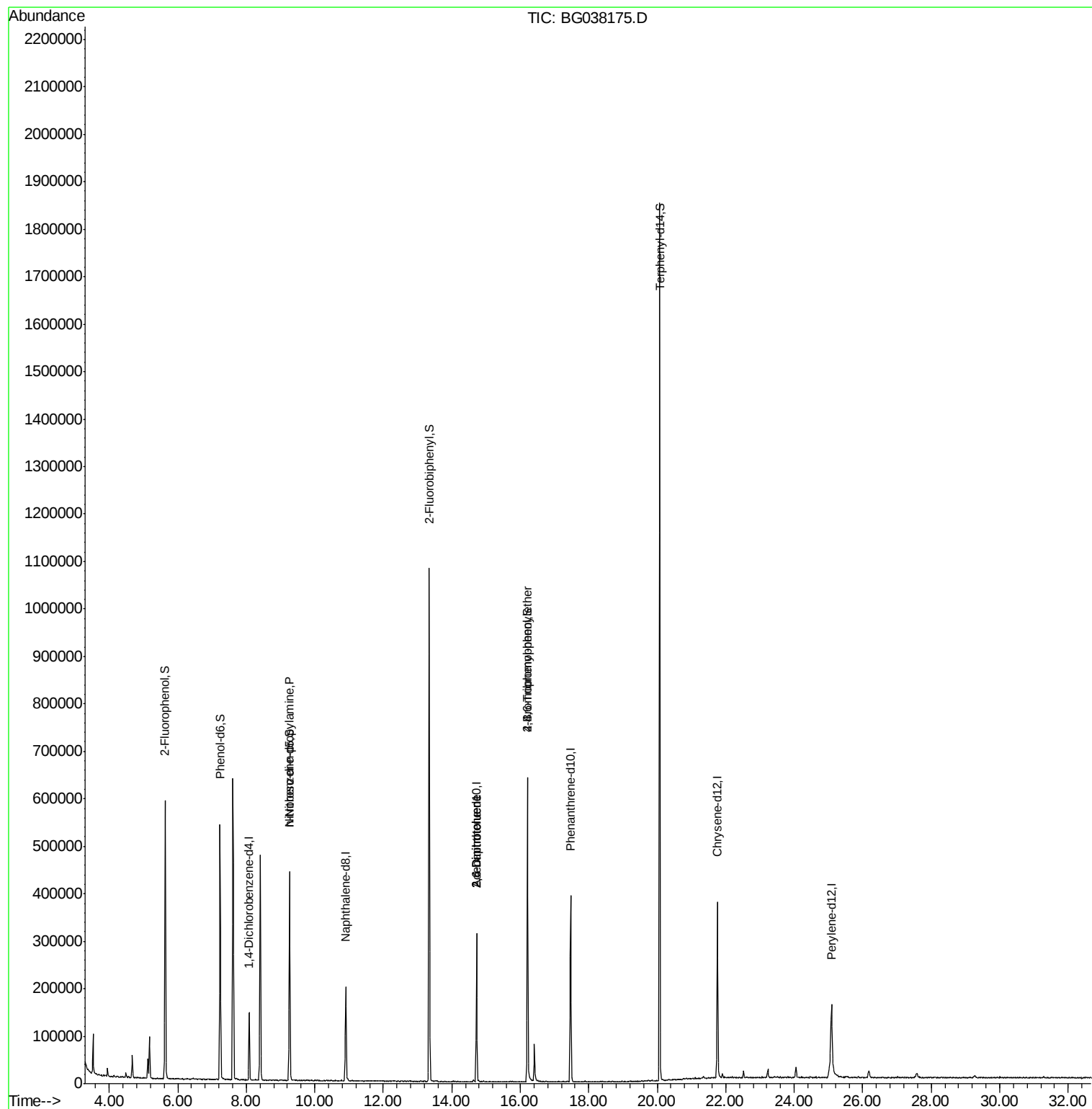
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	41425	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	176619	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112477	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	257693	20.00	ng	0.00
76) Chrysene-d12	21.75	240	240073	20.00	ng	0.00
87) Perylene-d12	25.08	264	223922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	261115	108.83	ng	0.00
7) Phenol-d6	7.24	99	325258	94.97	ng	0.00
23) Nitrobenzene-d5	9.26	82	270962	82.12	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	124686	97.20	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	572283	74.12	ng	0.00
79) Terphenyl-d14	20.07	244	912416	89.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	34310	13.845	ng	# 73
51) 2,6-Dinitrotoluene	14.72	165	14485	7.177	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	14485	5.275	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	8954	3.166	ng	# 1

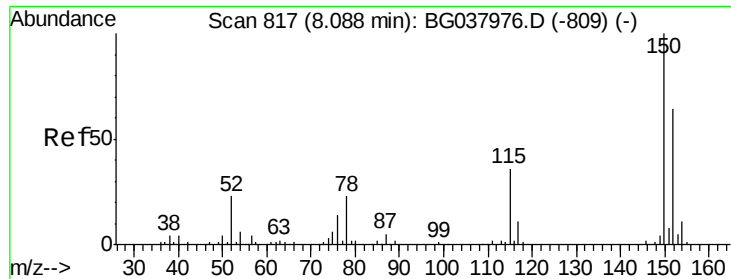
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
Data File : BG038175.D
Acq On : 27 Nov 2018 20:17
Operator : JU/SJ
Sample : J5770-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 28 04:11:41 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



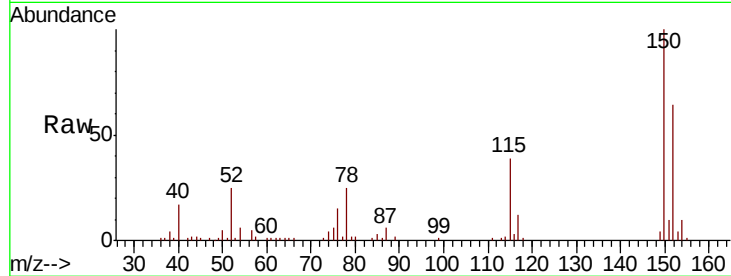


#1

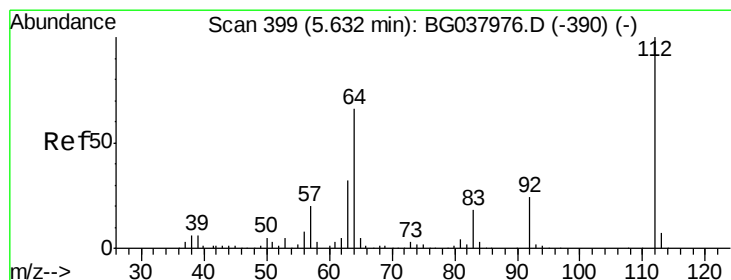
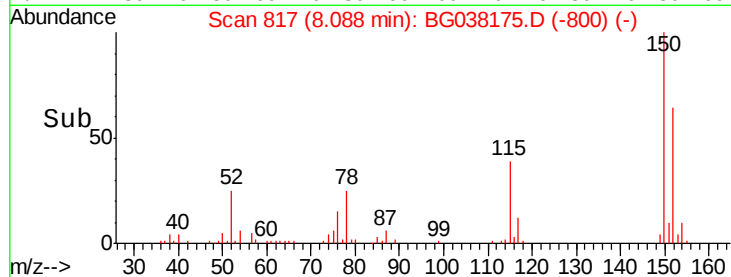
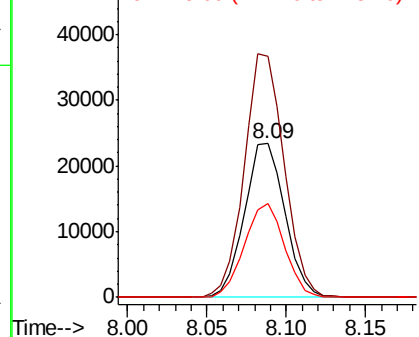
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038175.D
Acq: 27 Nov 2018 20:17

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

Tgt Ion:152 Resp: 41425
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 61.1 45.5 68.3



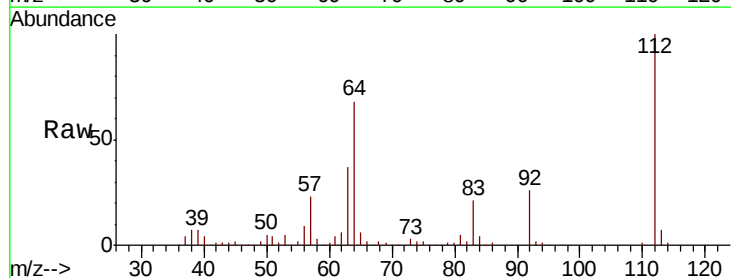
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



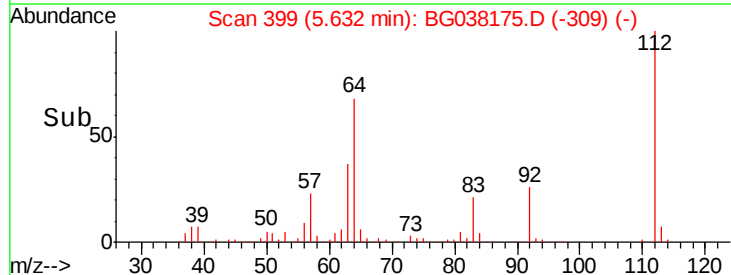
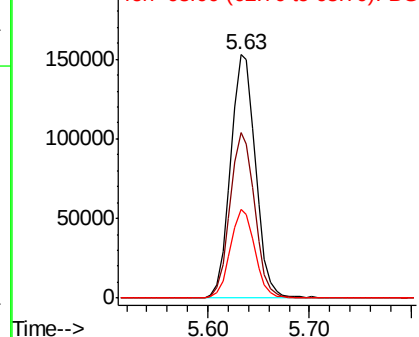
#5

2-Fluorophenol
Concen: 108.831 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038175.D
Acq: 27 Nov 2018 20:17

Tgt Ion:112 Resp: 261115
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 36.6 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: 94.971 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-A

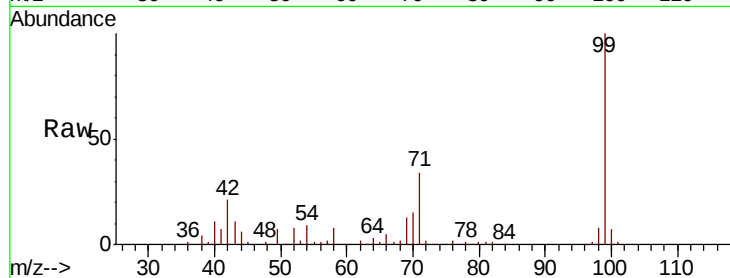
Tgt Ion: 99 Resp: 325258

Ion Ratio Lower Upper

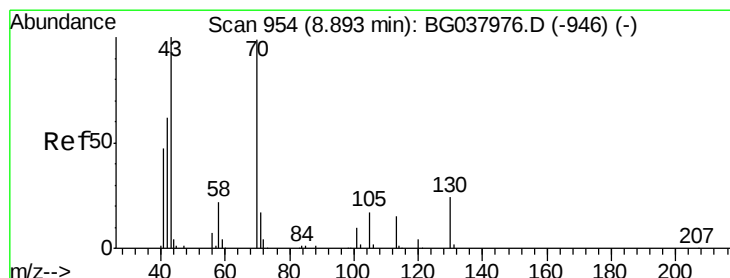
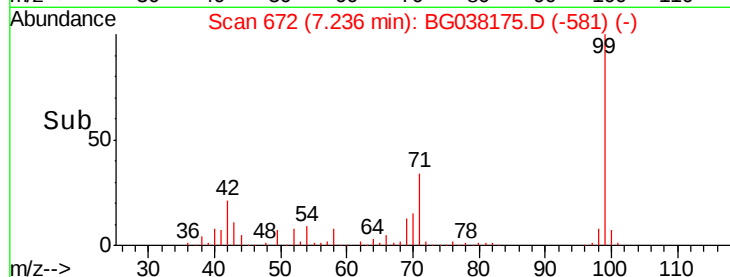
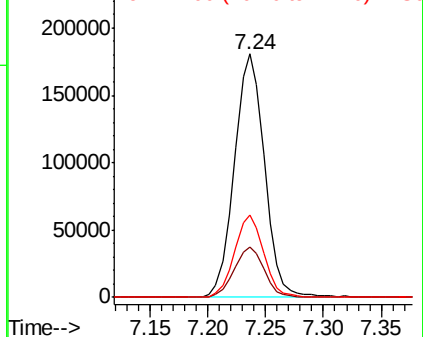
99 100

42 20.6 15.0 22.4

71 33.8 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: 13.845 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

Tgt Ion: 70 Resp: 34310

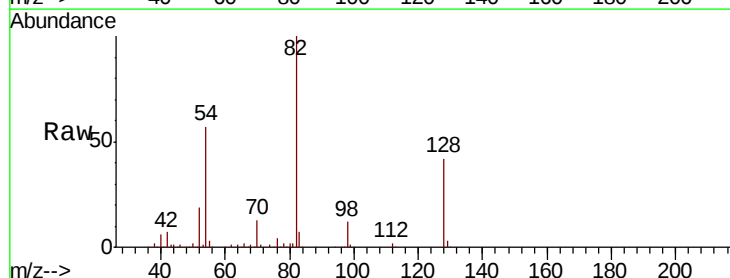
Ion Ratio Lower Upper

70 100

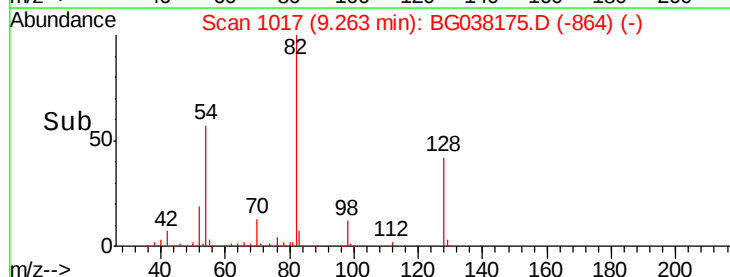
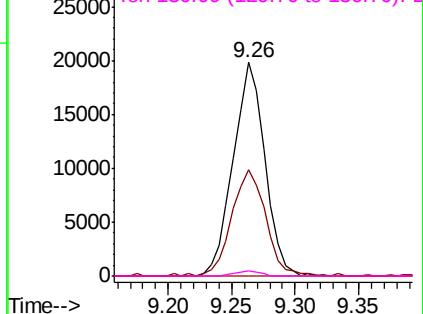
42 49.5 53.9 80.9#

101 0.0 8.2 12.2#

130 2.2 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

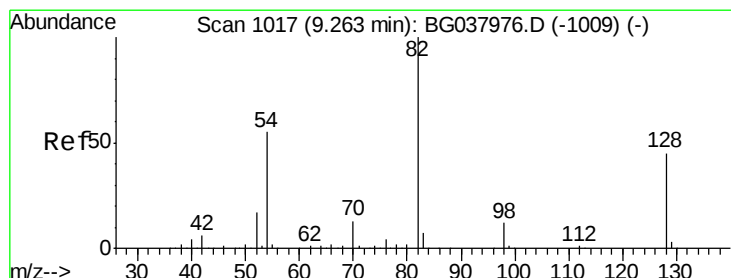
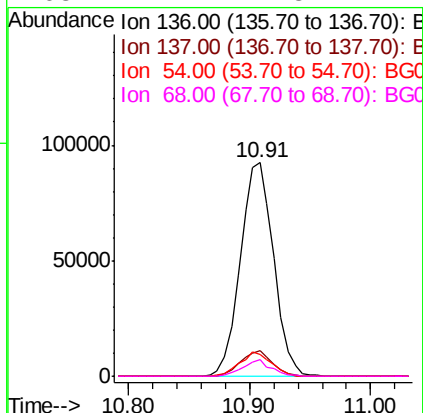
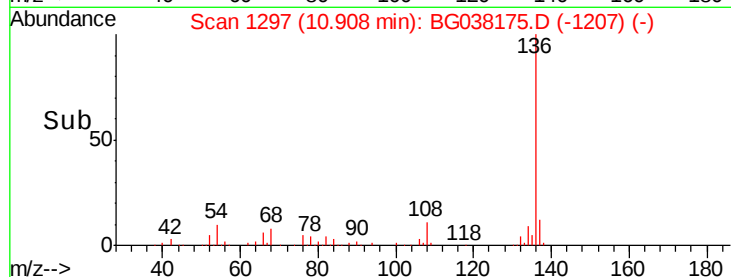
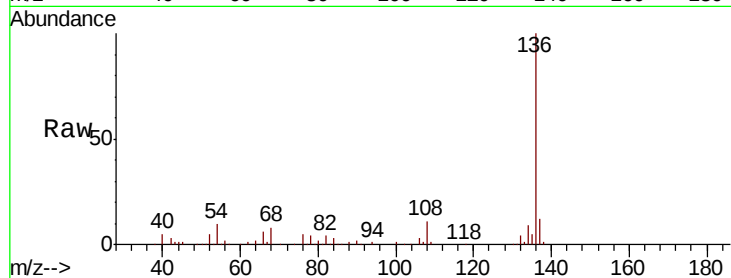




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038175.D
Acq: 27 Nov 2018 20:17

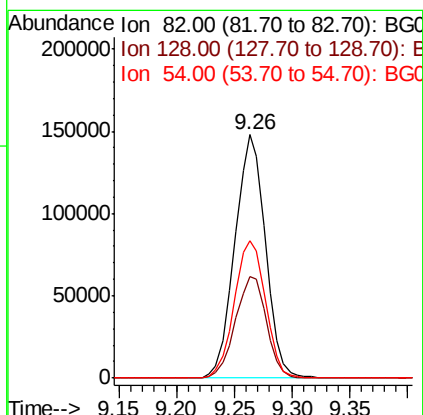
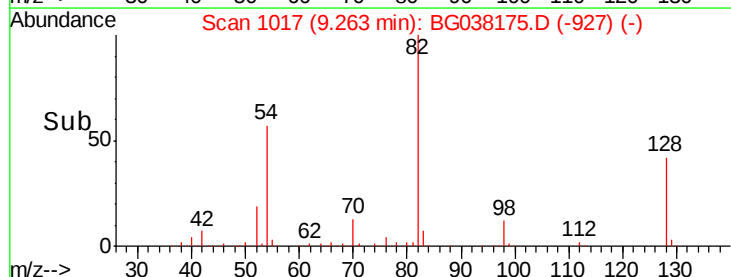
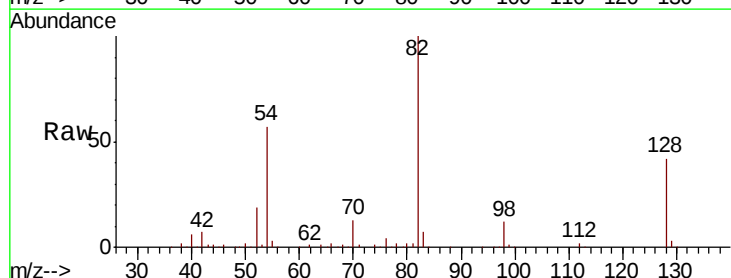
Instrument :
BNA_G
ClientSampleId :
OR-02-112118-A

Tgt Ion:	136	Resp:	176619
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.3	7.9	11.9
68	7.7	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 82.124 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038175.D
Acq: 27 Nov 2018 20:17

Tgt Ion:	82	Resp:	270962
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	51.8
54	56.5	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-A

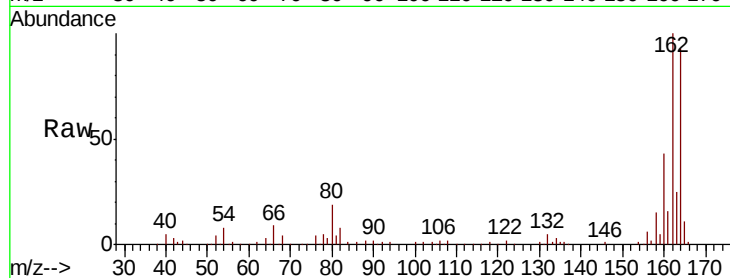
Tgt Ion:164 Resp: 112477

Ion Ratio Lower Upper

164 100

162 107.8 81.3 121.9

160 46.5 36.3 54.5

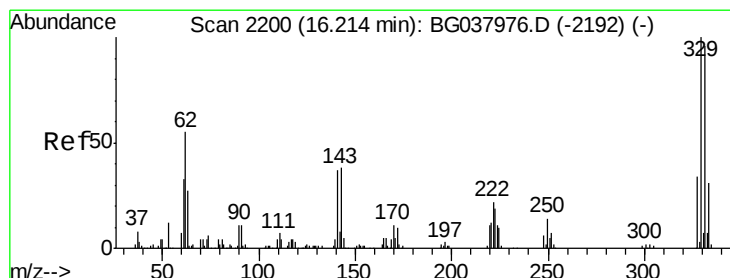
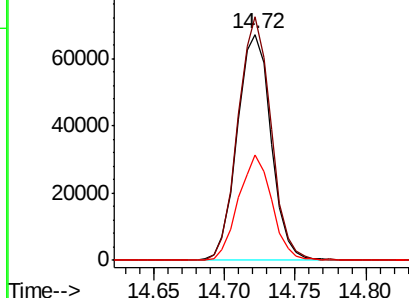
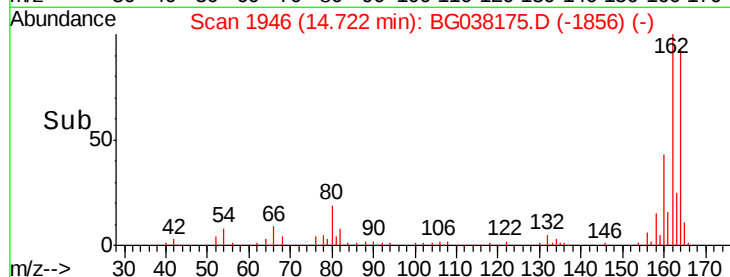


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 97.200 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

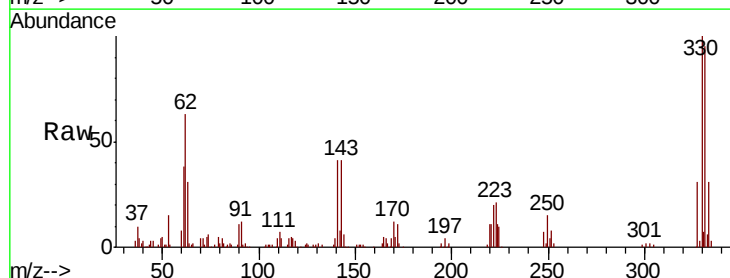
Tgt Ion:330 Resp: 124686

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

141 40.9 32.2 48.2

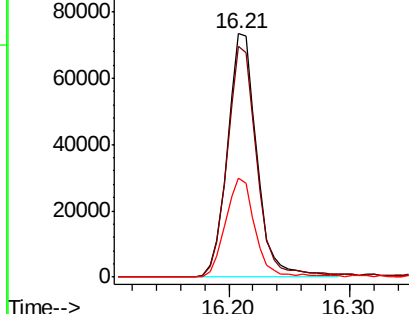
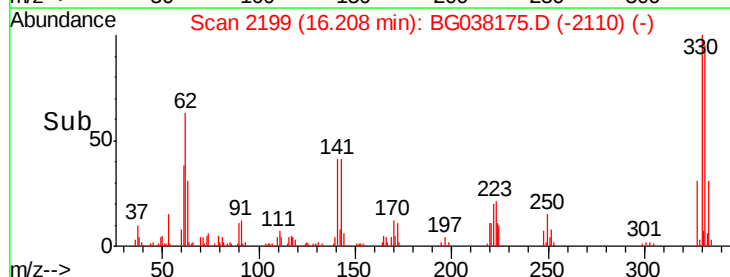


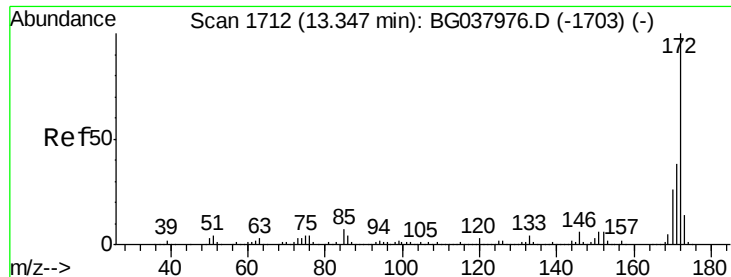
Abundance

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

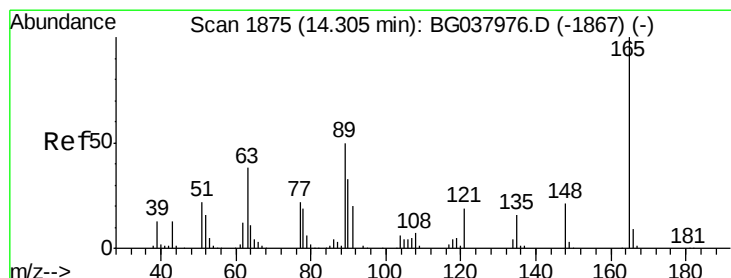
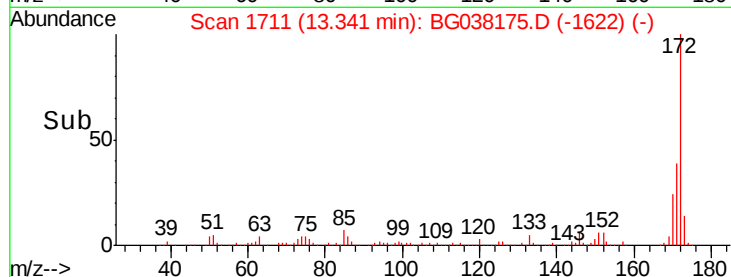
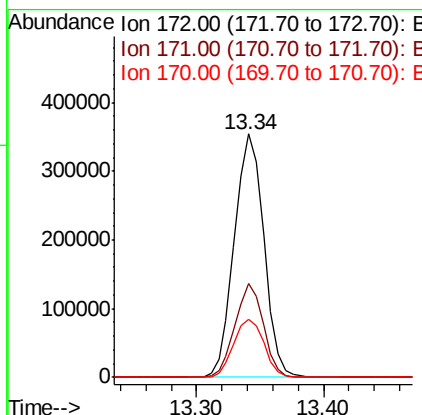
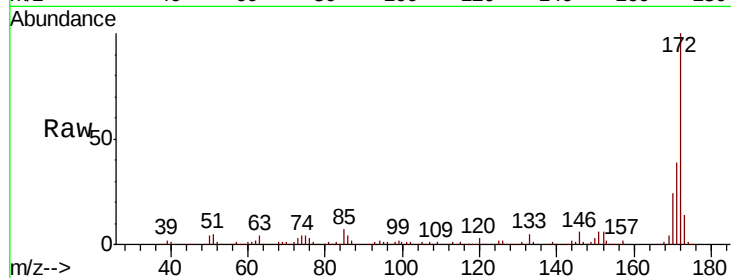




#45
2-Fluorobiphenyl
Concen: 74.125 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038175.D
Acq: 27 Nov 2018 20:17

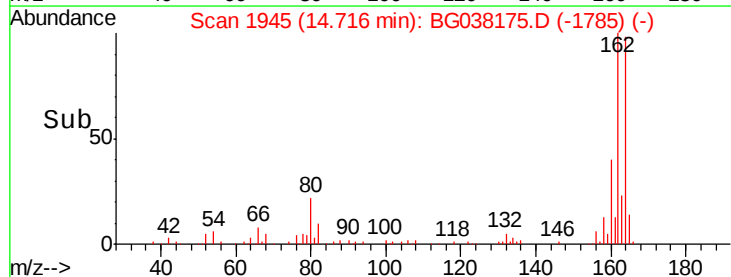
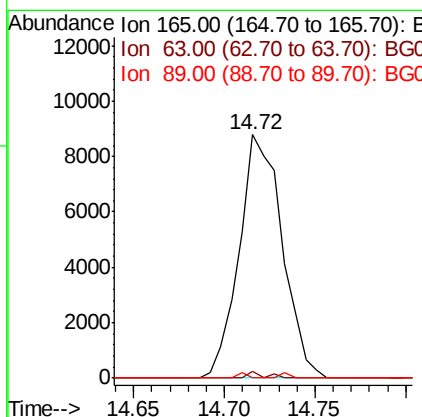
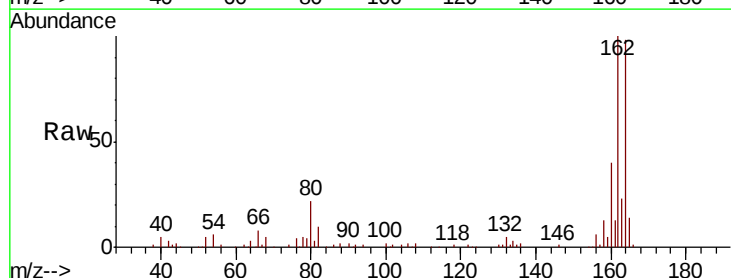
Instrument :
BNA_G
ClientSampleId :
OR-02-112118-A

Tgt Ion:172 Resp: 572283
Ion Ratio Lower Upper
172 100
171 38.6 31.0 46.4
170 24.1 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.177 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038175.D
Acq: 27 Nov 2018 20:17

Tgt Ion:165 Resp: 14485
Ion Ratio Lower Upper
165 100
63 2.9 43.4 65.2#
89 0.0 45.8 68.6#

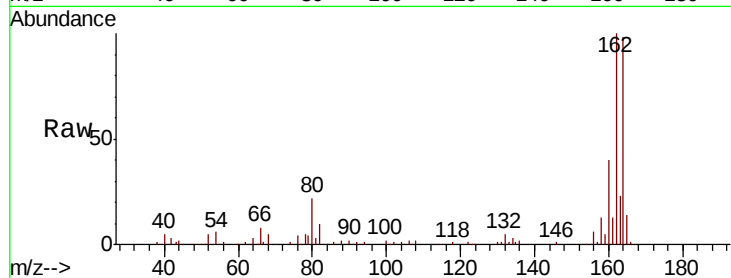




#57
 2,4-Dinitrotoluene
 Concen: 5.275 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038175.D
 Acq: 27 Nov 2018 20:17

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

Tgt Ion:	165	Resp:	14485
Ion	Ratio	Lower	Upper
165	100		
63	2.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

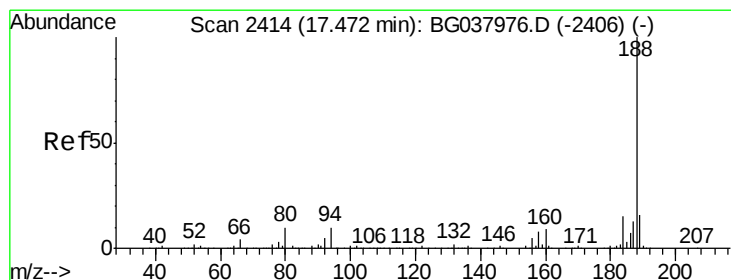
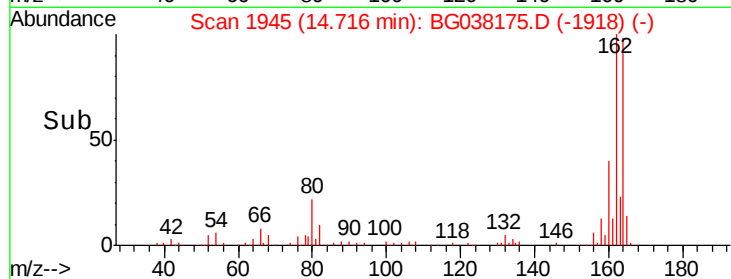
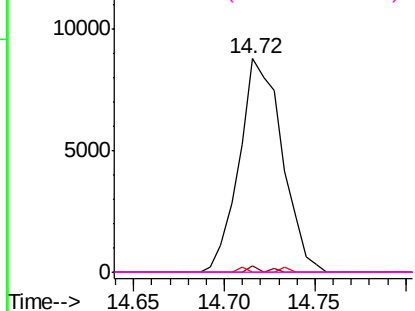


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

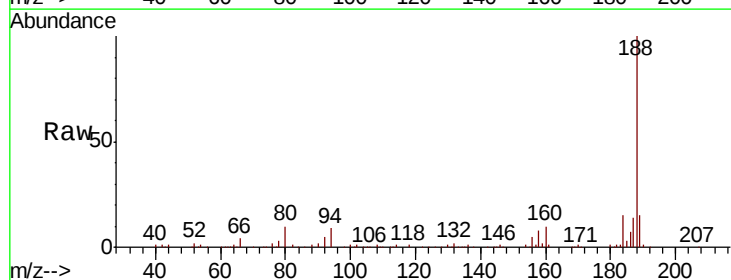
Ion 89.00 (88.70 to 89.70): BGC

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: BG038175.D
 Acq: 27 Nov 2018 20:17

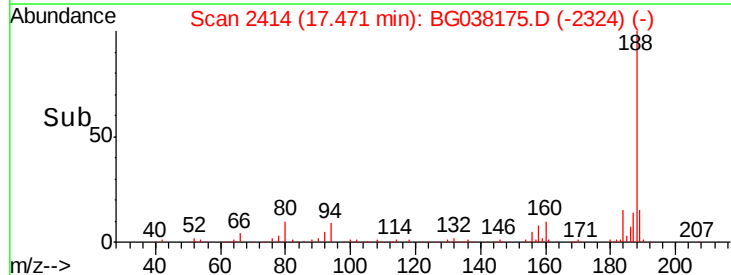
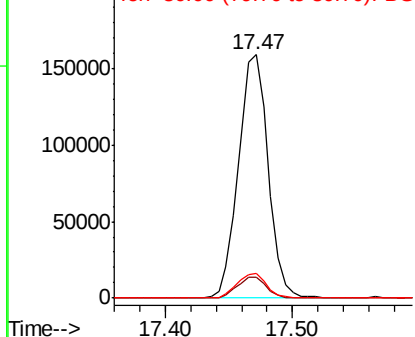
Tgt Ion:	188	Resp:	257693
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.9	7.7	11.5



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

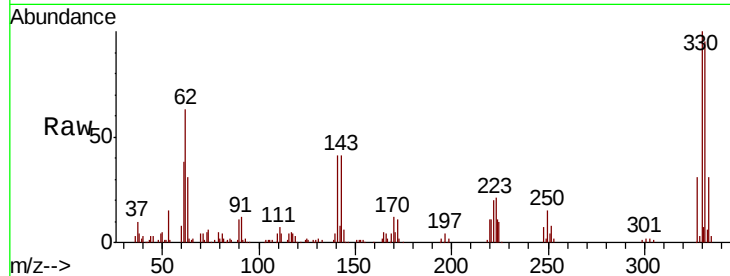




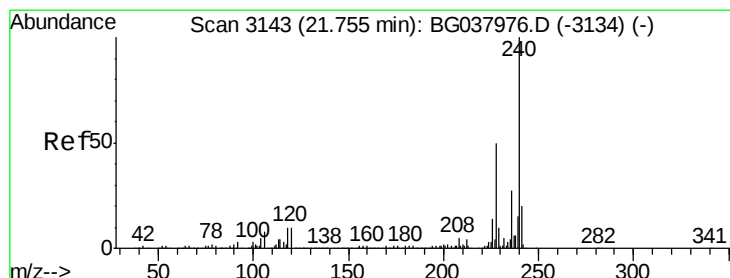
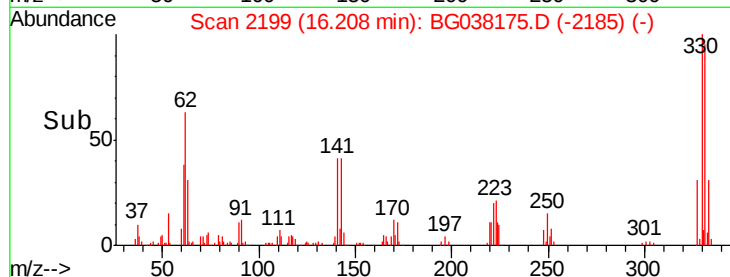
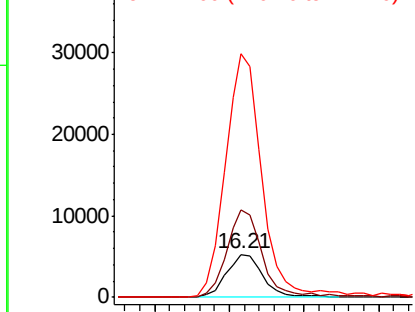
#67
 4-Bromophenyl-phenylether
 Concen: 3.166 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038175.D
 Acq: 27 Nov 2018 20:17

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

Tgt Ion:248 Resp: 8954
 Ion Ratio Lower Upper
 248 100
 250 199.4 77.0 115.6#
 141 428.0 55.5 83.3#

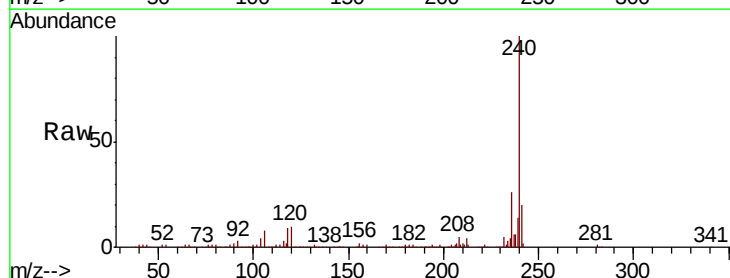


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

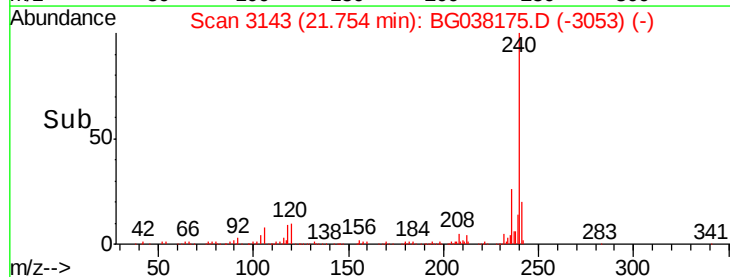
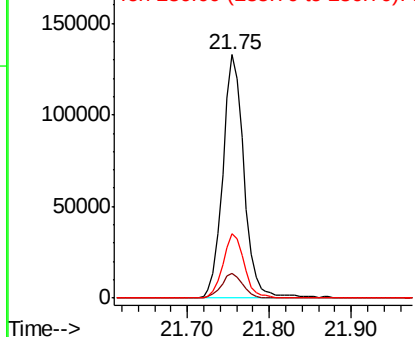


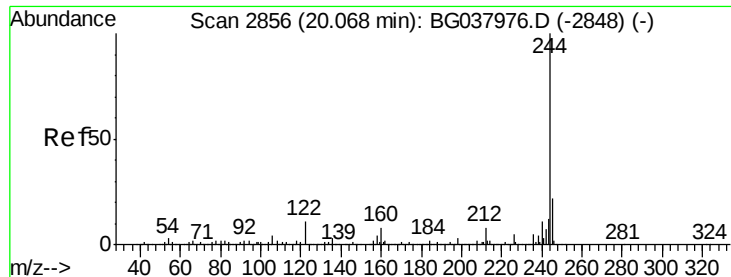
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG038175.D
 Acq: 27 Nov 2018 20:17

Tgt Ion:240 Resp: 240073
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 26.3 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: 89.428 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-A

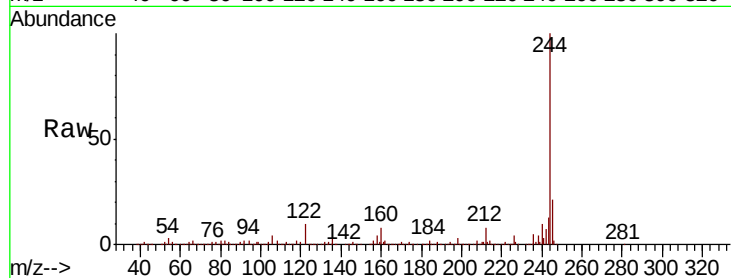
Tgt Ion:244 Resp: 912416

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

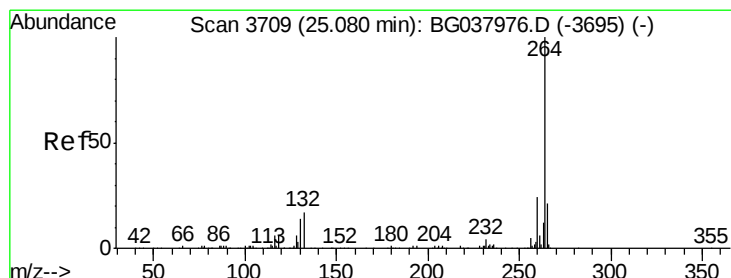
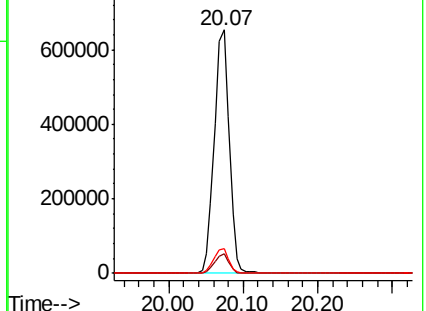
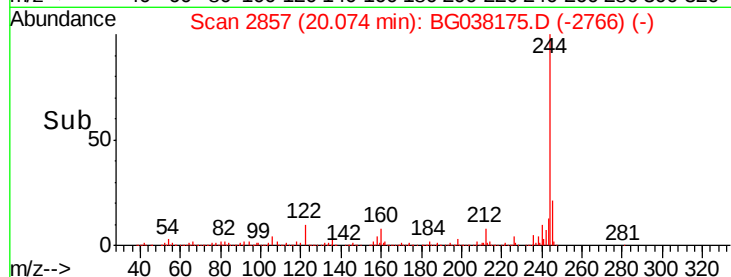
122 10.1 9.0 13.4



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: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

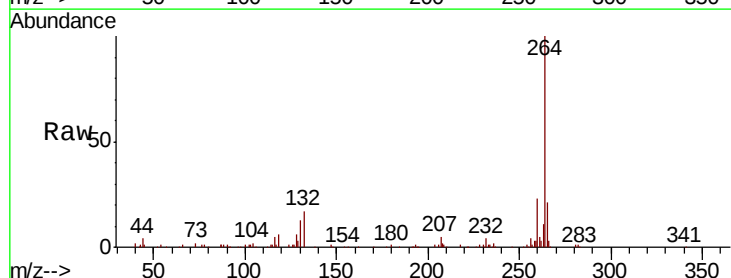
Tgt Ion:264 Resp: 223922

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 21.0 17.9 26.9



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

