

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038272.D
 Acq On : 1 Dec 2018 1:15
 Operator : JU/SJ
 Sample : J5770-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-112918-A

Quant Time: Dec 01 04:35:21 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

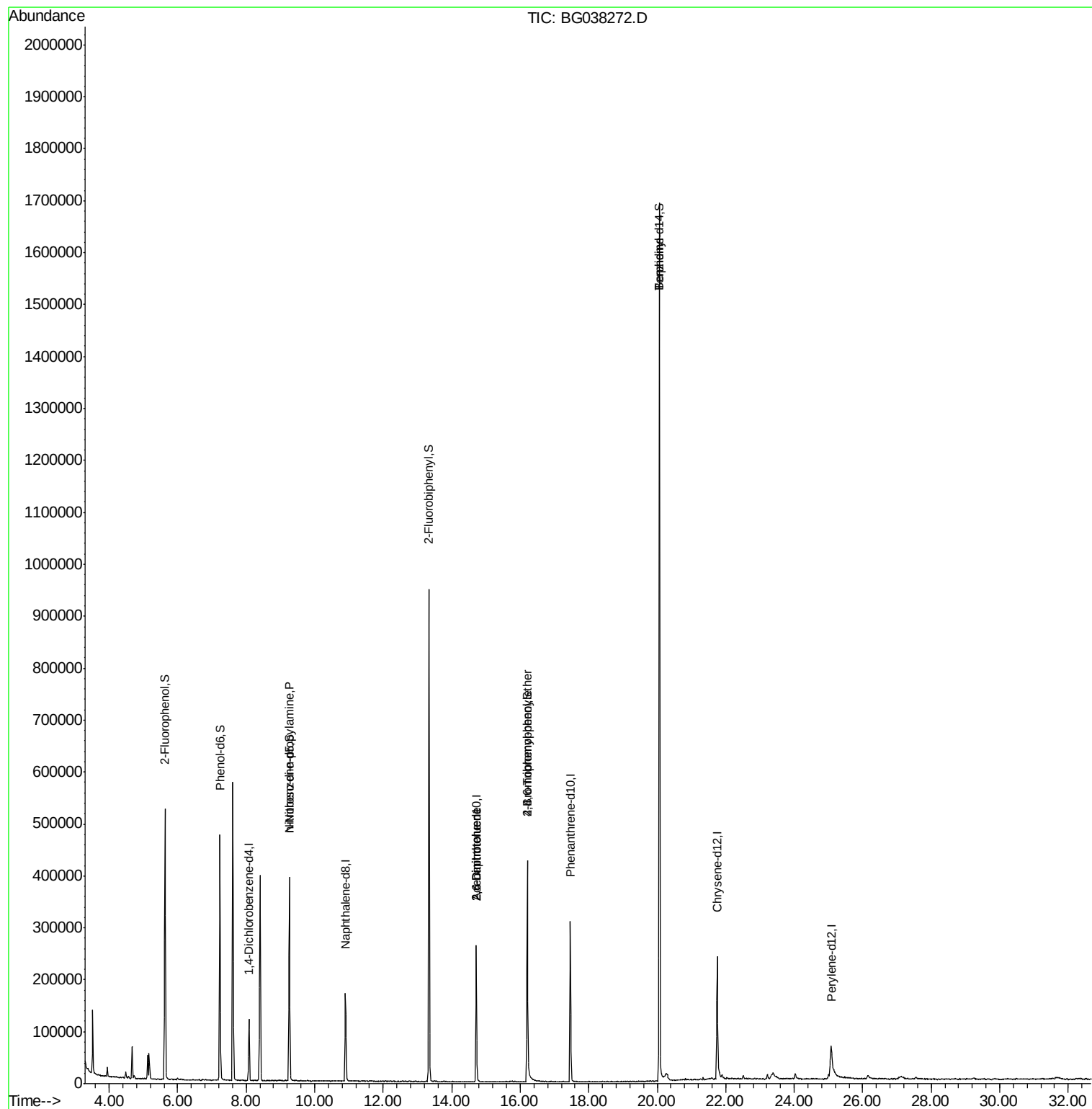
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34590	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	149897	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	94532	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	207809	20.00	ng	0.00
76) Chrysene-d12	21.75	240	189344	20.00	ng	0.00
87) Perylene-d12	25.08	264	118131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	227674	113.64	ng	0.00
7) Phenol-d6	7.23	99	280083	97.94	ng	0.00
23) Nitrobenzene-d5	9.26	82	239953	85.69	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	89297	82.83	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	519736	80.10	ng	-0.01
79) Terphenyl-d14	20.06	244	874149	108.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	32179	15.551	ng	# 71
51) 2,6-Dinitrotoluene	14.72	165	11612	6.846	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	11612	5.032	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	5880	2.578	ng	# 1
77) Benzidine	20.06	184	14808	2.229	ng	# 95

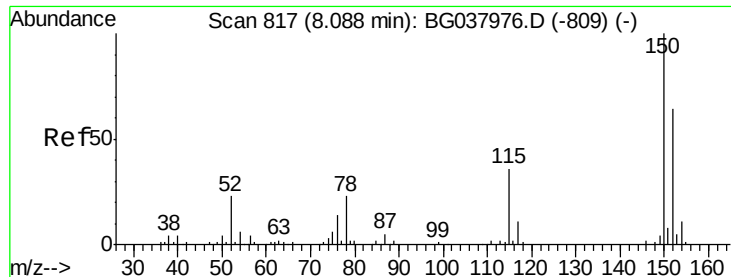
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
Data File : BG038272.D
Acq On : 1 Dec 2018 1:15
Operator : JU/SJ
Sample : J5770-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-112918-A

Quant Time: Dec 01 04:35:21 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



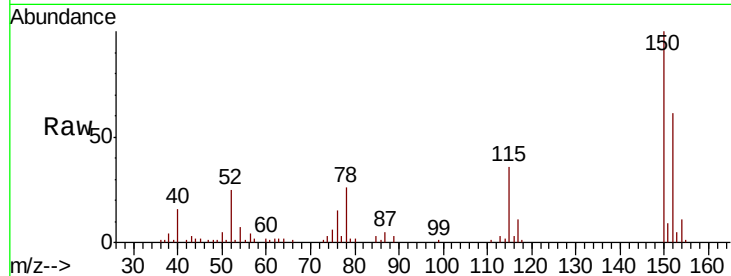


#1

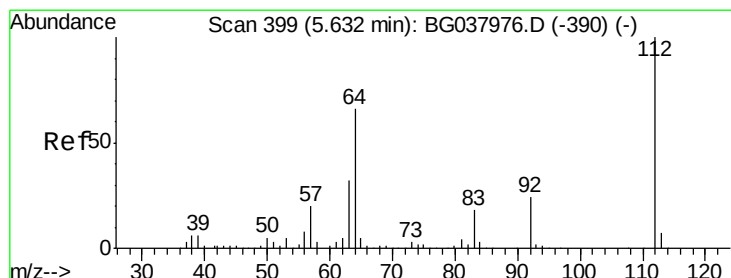
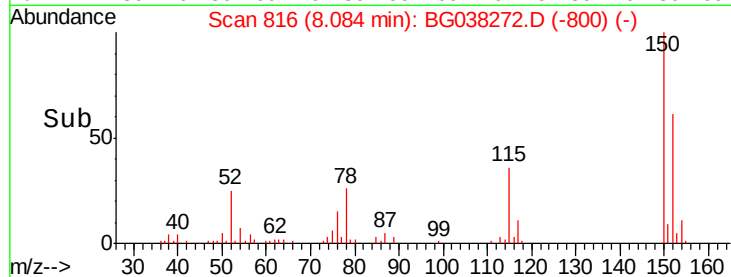
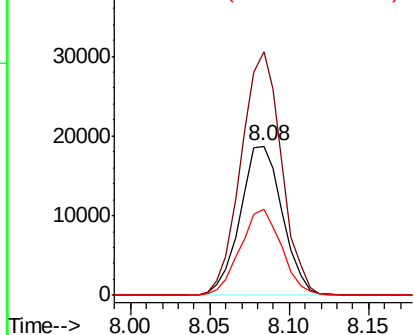
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038272.D
Acq: 1 Dec 2018 1:15

Instrument :
BNA_G
ClientSampleId :
OR-03-112918-A

Tot Ion:152 Resp: 34590
Ion Ratio Lower Upper
152 100
150 163.2 126.0 189.0
115 58.0 45.5 68.3



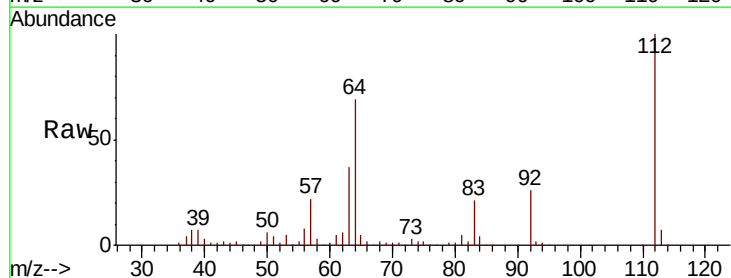
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



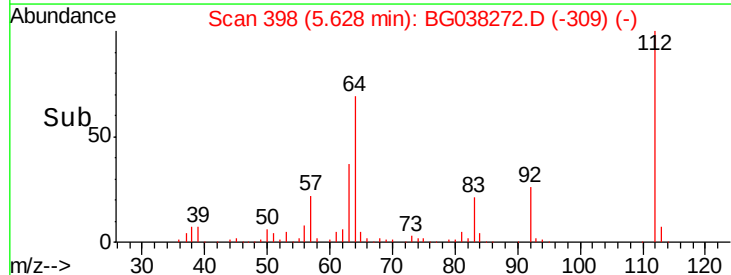
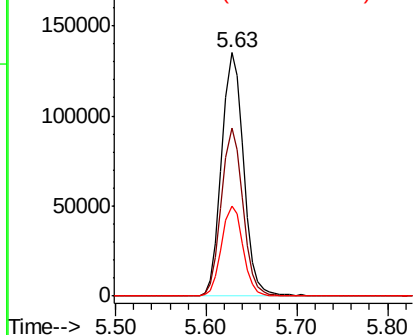
#5

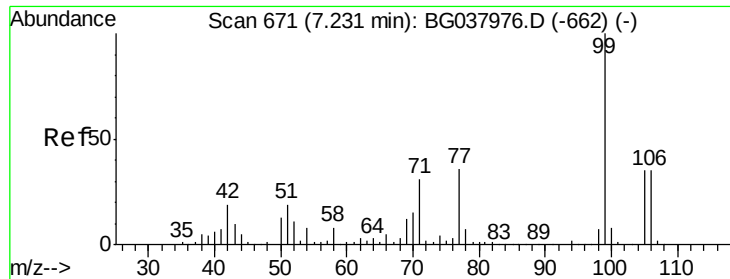
2-Fluorophenol
Concen: 113.644 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038272.D
Acq: 1 Dec 2018 1:15

Tgt Ion:112 Resp: 227674
Ion Ratio Lower Upper
112 100
64 69.0 53.1 79.7
63 36.9 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: 97.940 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038272.D

Acq: 1 Dec 2018 1:15

Instrument :

BNA_G

ClientSampleId :

OR-03-112918-A

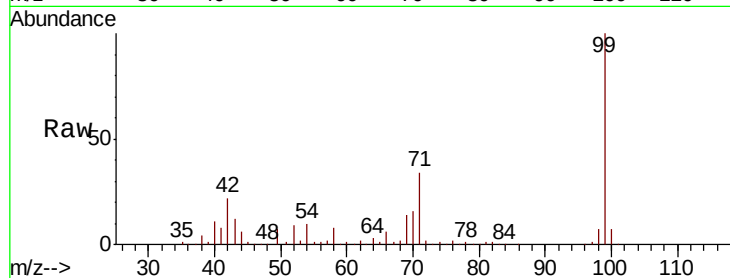
Tot Ion: 99 Resp: 280083

Ion Ratio Lower Upper

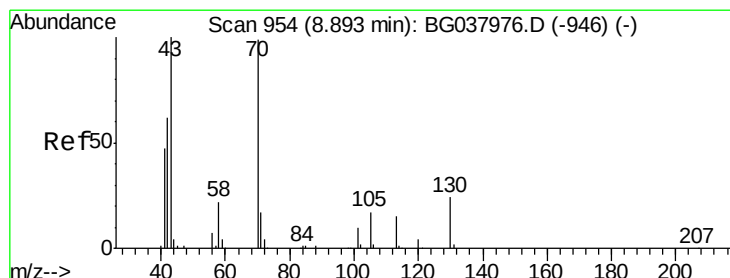
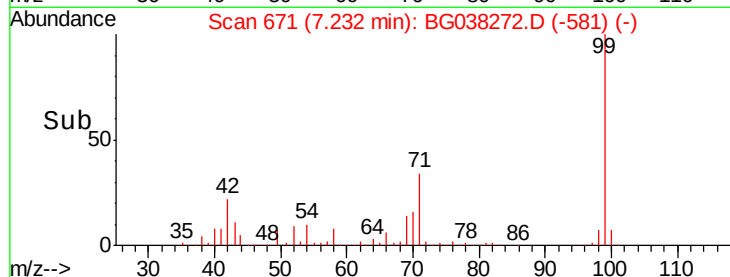
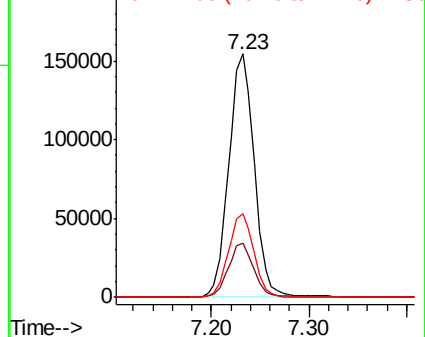
99 100

42 22.2 15.0 22.4

71 34.4 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: 15.551 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038272.D

Acq: 1 Dec 2018 1:15

Tgt Ion: 70 Resp: 32179

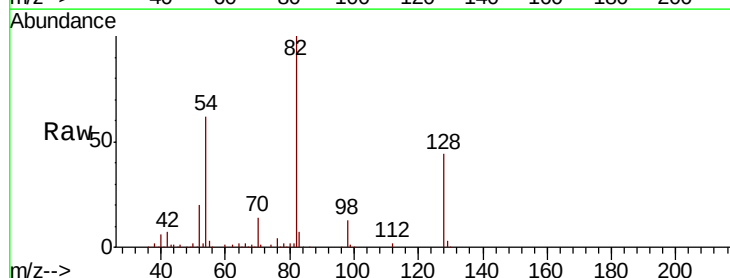
Ion Ratio Lower Upper

70 100

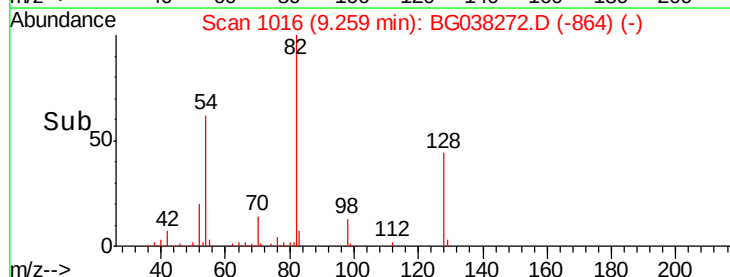
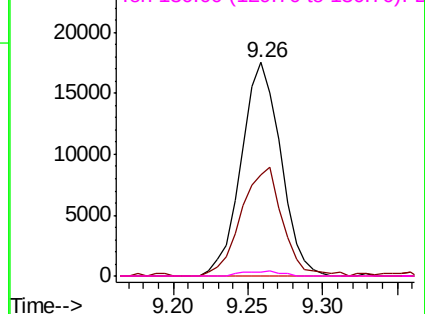
42 47.5 53.9 80.9#

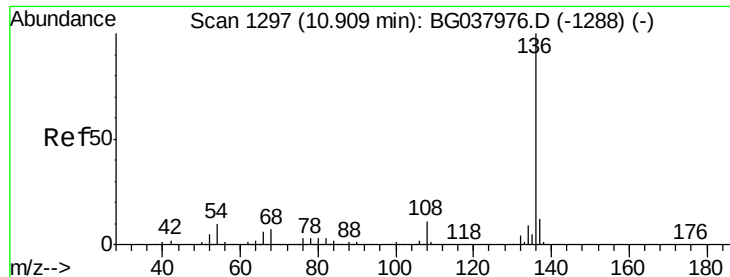
101 0.0 8.2 12.2#

130 1.7 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

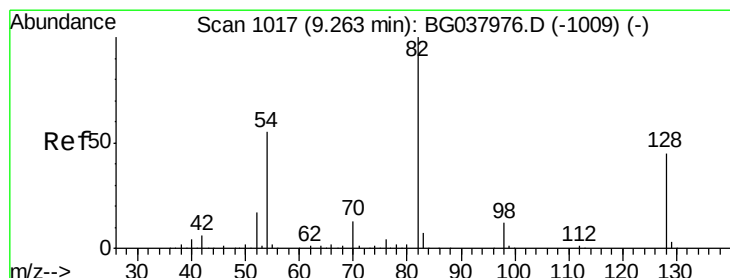
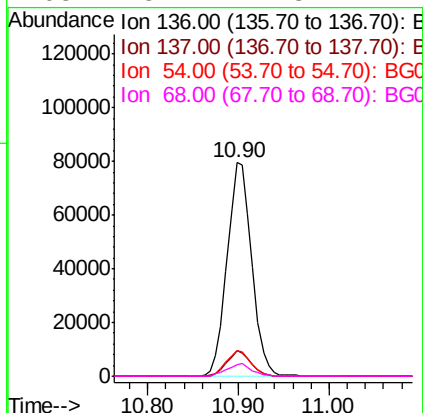
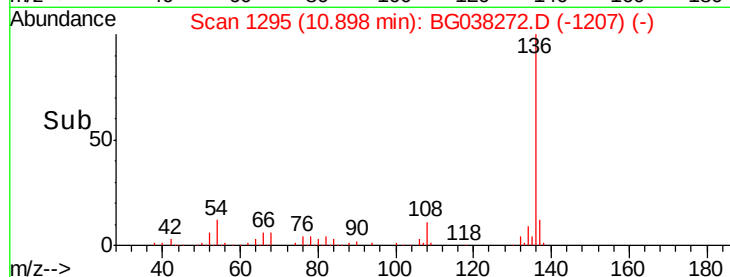
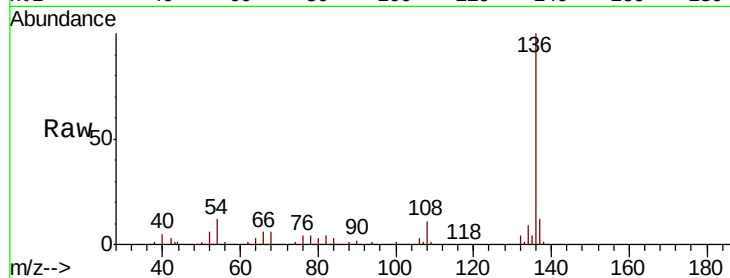




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038272.D
Acq: 1 Dec 2018 1:15

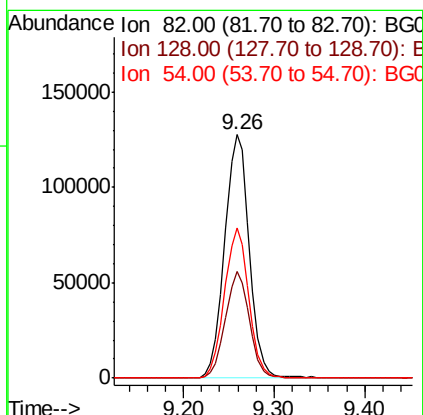
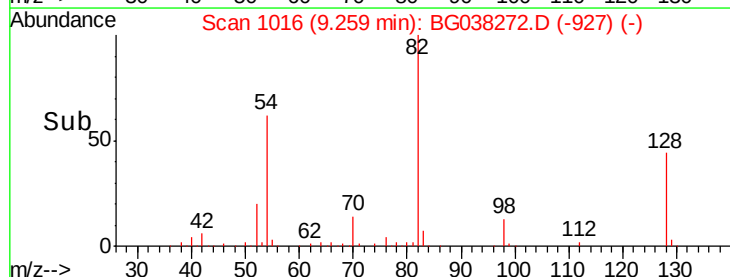
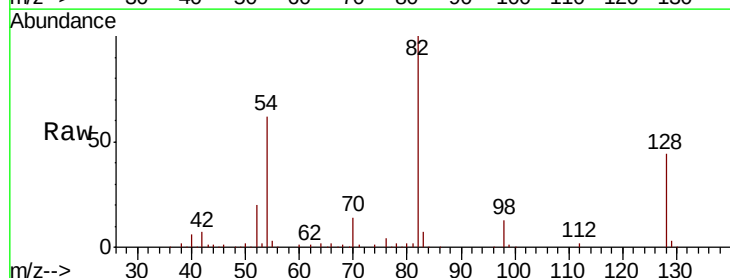
Instrument :
BNA_G
ClientSampleId :
OR-03-112918-A

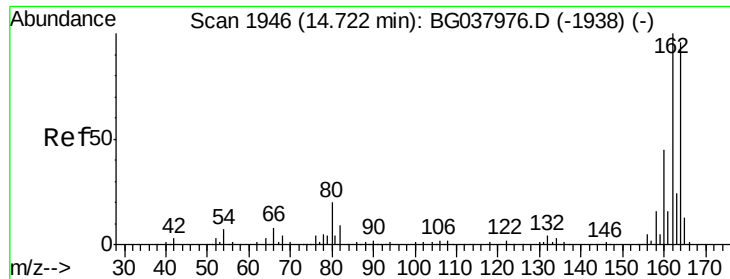
Tot Ion:136	Resp:	149897
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.6 14.4
54	11.9	7.9 11.9
68	5.7	4.8 7.2



#23
Nitrobenzene-d5
Concen: 85.691 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038272.D
Acq: 1 Dec 2018 1:15

Tgt Ion: 82	Resp:	239953
Ion Ratio	Lower	Upper
82	100	
128	43.7	34.6 51.8
54	61.9	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038272.D

Acq: 1 Dec 2018 1:15

Instrument :

BNA_G

ClientSampleId :

OR-03-112918-A

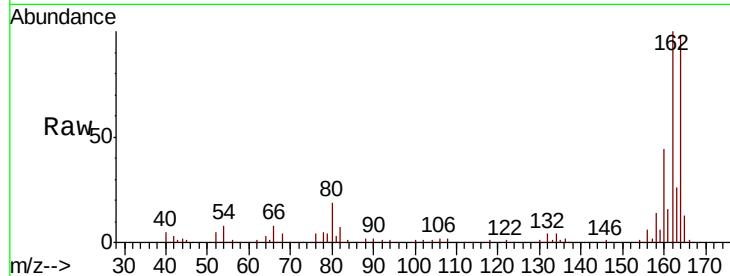
Tot Ion:164 Resp: 94532

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

160 45.1 36.3 54.5

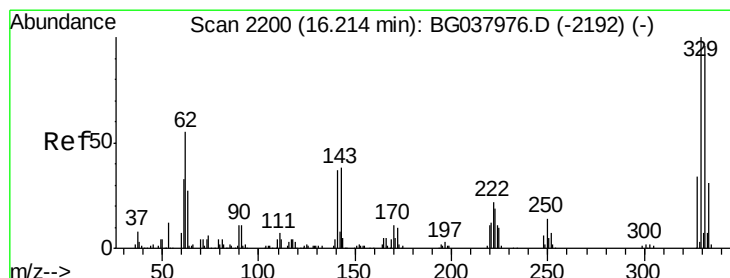
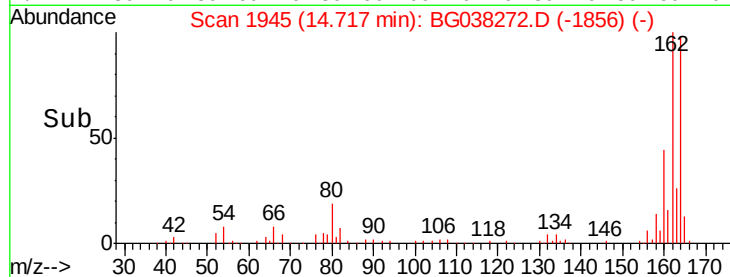
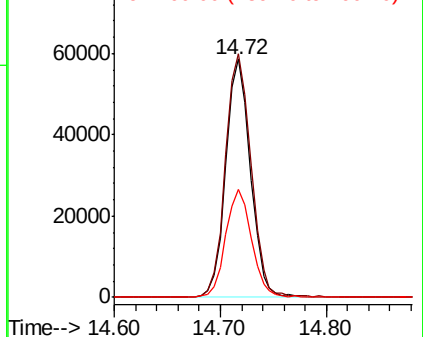


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 82.827 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038272.D

Acq: 1 Dec 2018 1:15

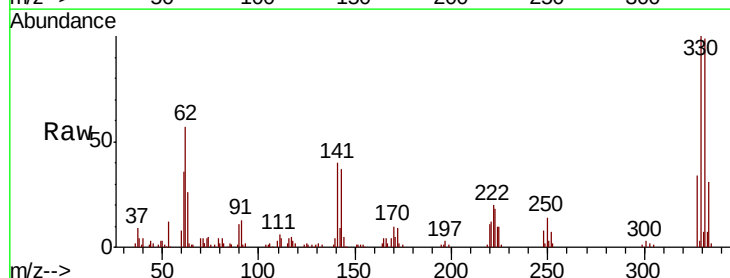
Tgt Ion:330 Resp: 89297

Ion Ratio Lower Upper

330 100

332 102.6 78.4 117.6

141 42.0 32.2 48.2

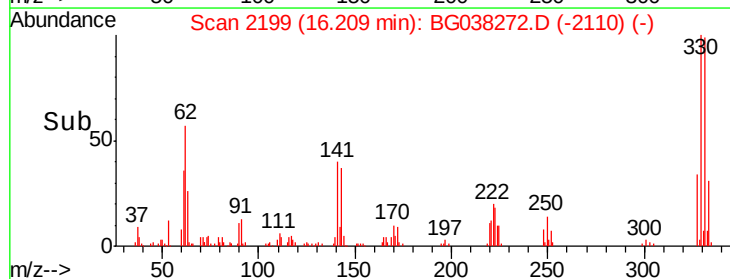
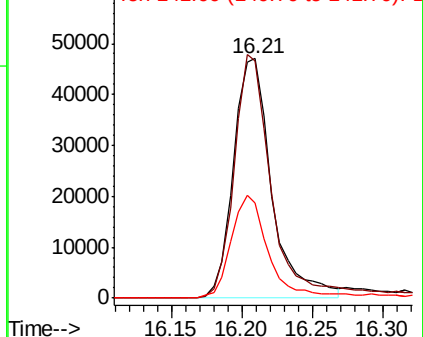


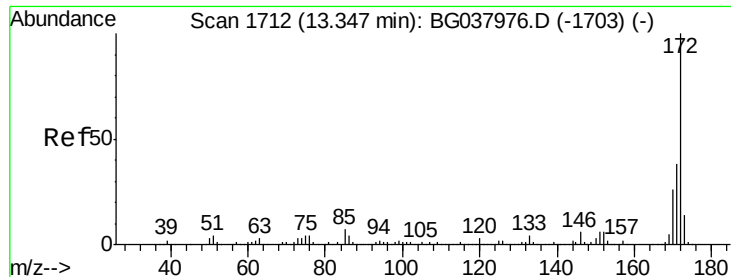
Abundance

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

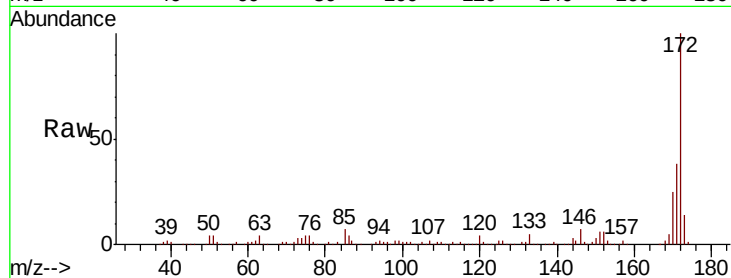




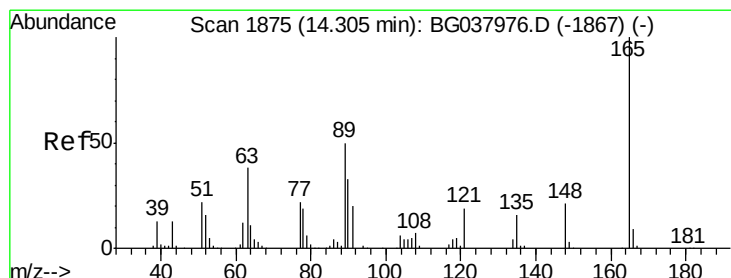
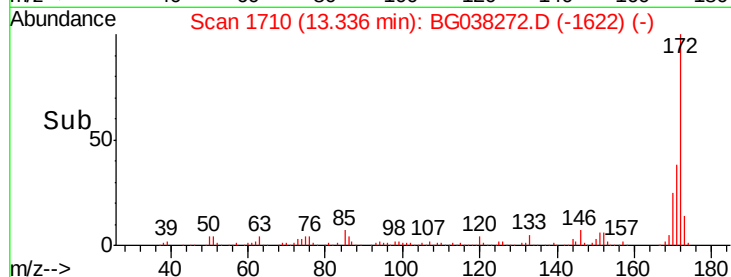
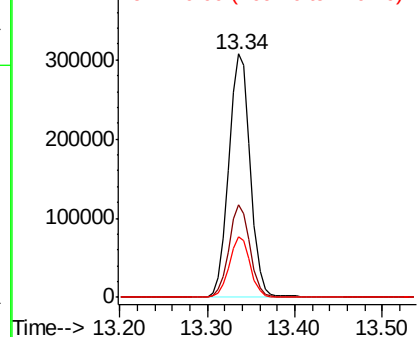
#45
 2-Fluorobiphenyl
 Concen: 80.098 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038272.D
 Acq: 1 Dec 2018 1:15

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-112918-A

Tot Ion:172 Resp: 519736
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.0 46.4
 170 25.0 20.2 30.2

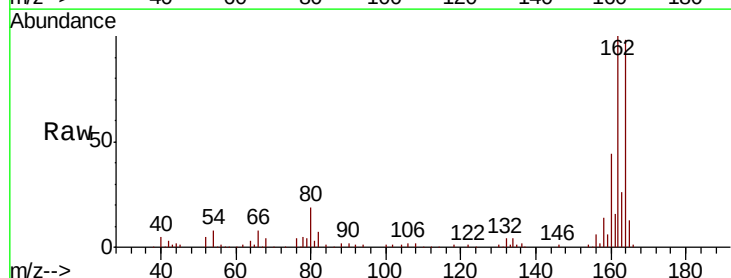


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

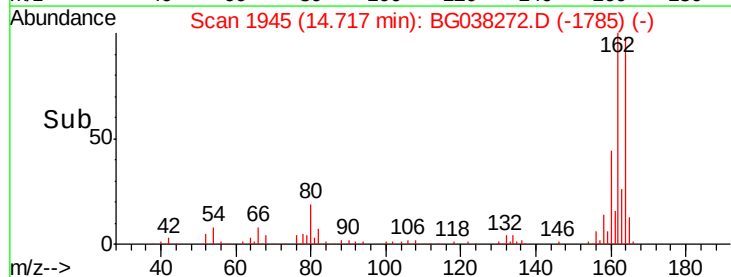
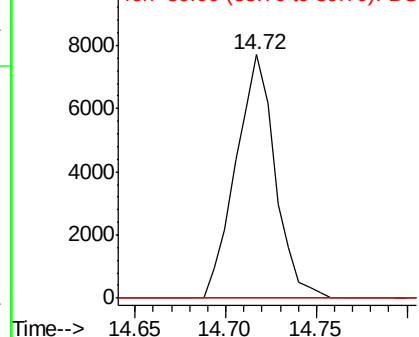


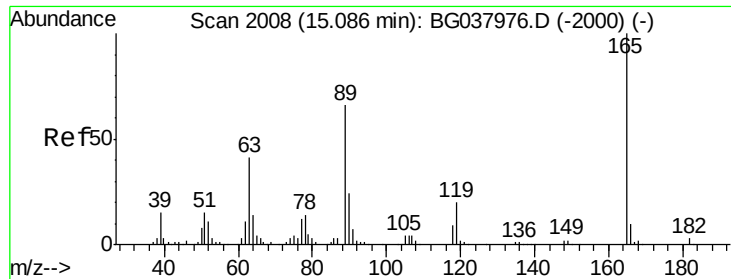
#51
 2,6-Dinitrotoluene
 Concen: 6.846 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038272.D
 Acq: 1 Dec 2018 1:15

Tgt Ion:165 Resp: 11612
 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): BG
 Ion 89.00 (88.70 to 89.70): BG

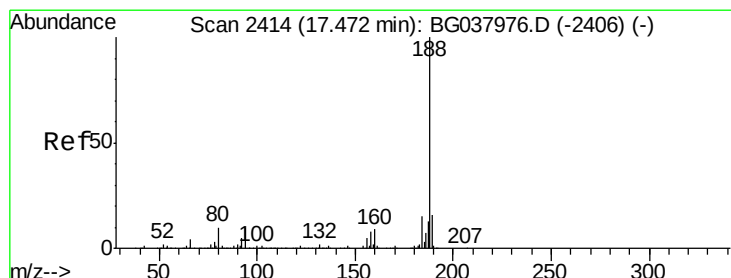
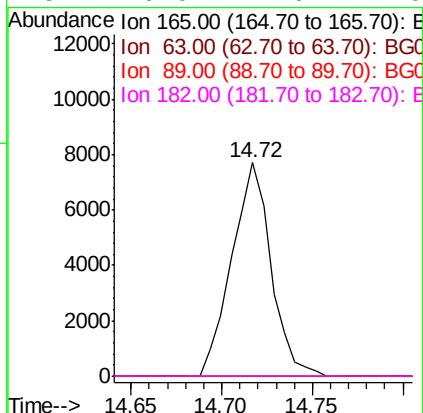
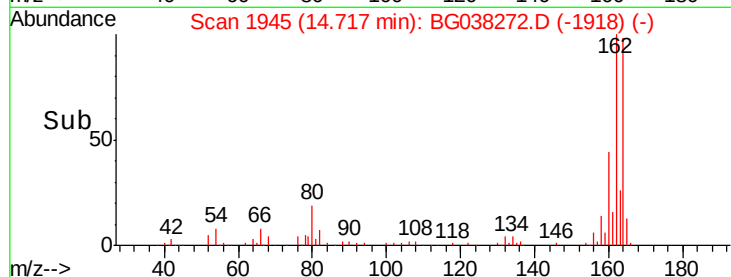
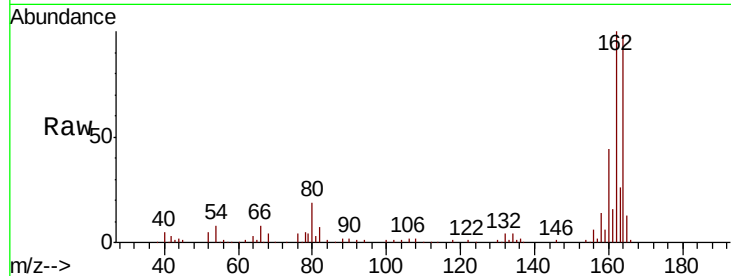




#57
 2,4-Dinitrotoluene
 Concen: 5.032 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038272.D
 Acq: 1 Dec 2018 1:15

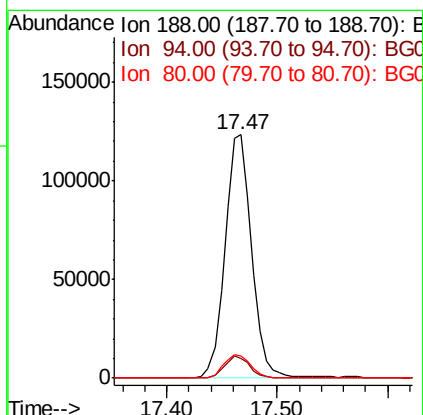
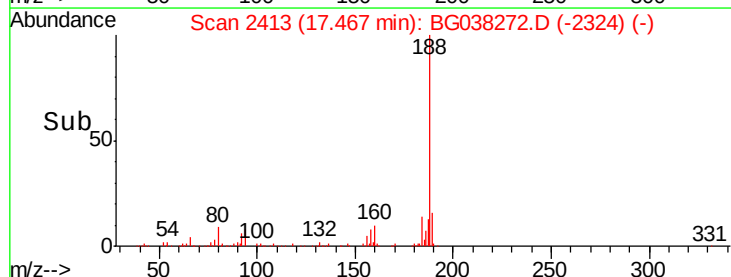
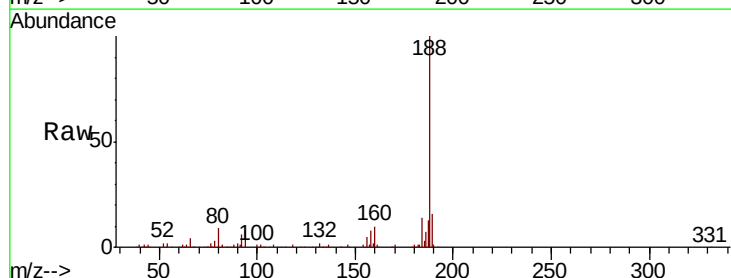
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-112918-A

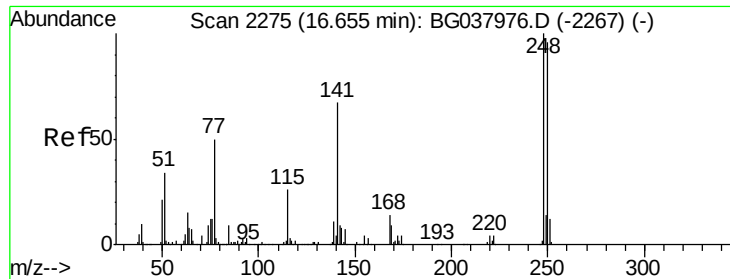
Tot Ion:165	Resp:	11612
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	0.0	57.2 85.8#
182	0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038272.D
 Acq: 1 Dec 2018 1:15

Tgt Ion:188	Resp:	207809
Ion Ratio	Lower	Upper
188	100	
94	8.2	7.2 10.8
80	9.3	7.7 11.5

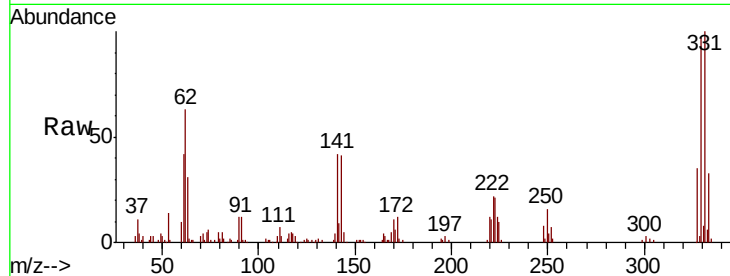




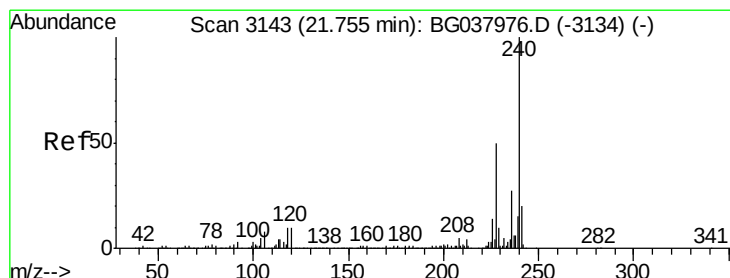
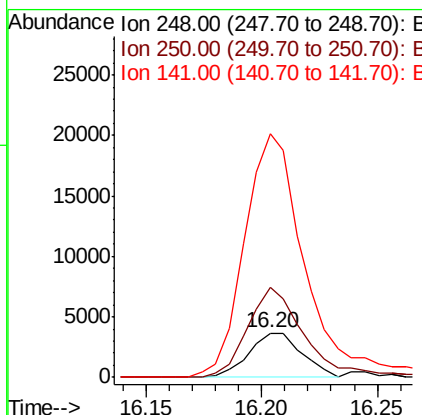
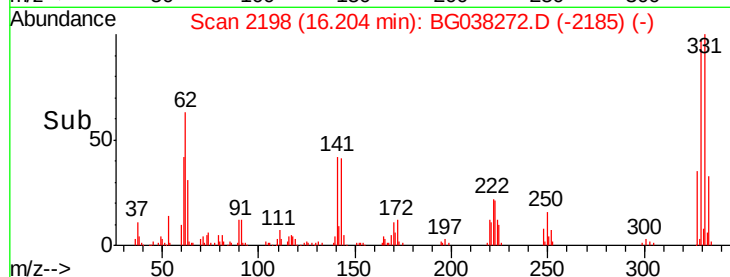
#67
 4-Bromophenyl-phenylether
 Concen: 2.578 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038272.D
 Acq: 1 Dec 2018 1:15

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-112918-A

Tot Ion:248 Resp: 5880
 Ion Ratio Lower Upper
 248 100
 250 198.9 77.0 115.6#
 141 421.8 55.5 83.3#

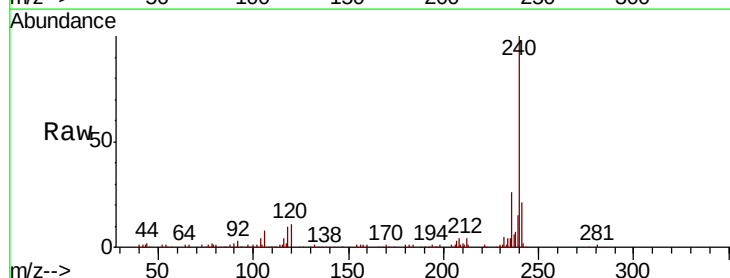


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

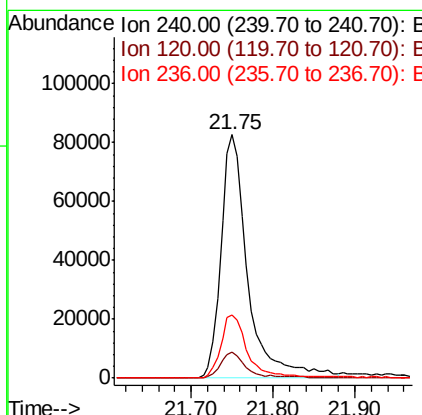
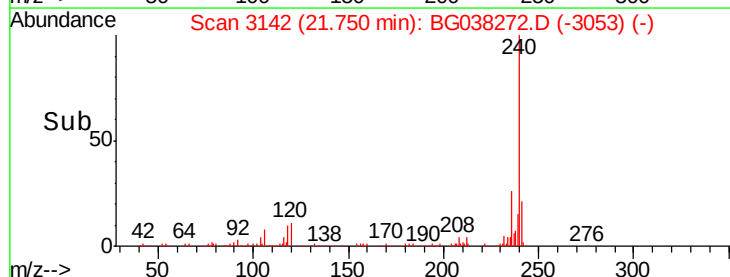


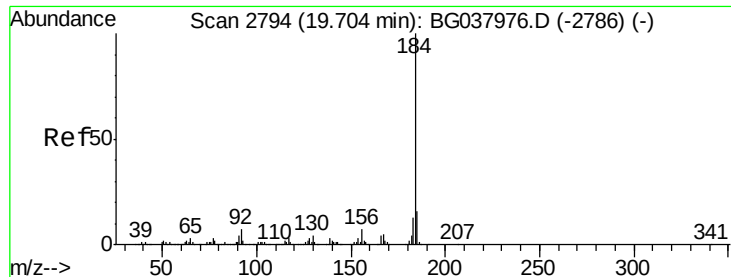
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038272.D
 Acq: 1 Dec 2018 1:15

Tgt Ion:240 Resp: 189344
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.1 12.1
 236 25.8 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





#77

Benzidine

Concen: 2.229 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.36 min

Lab File: BG038272.D

Acq: 1 Dec 2018 1:15

Instrument :

BNA_G

ClientSampleId :

OR-03-112918-A

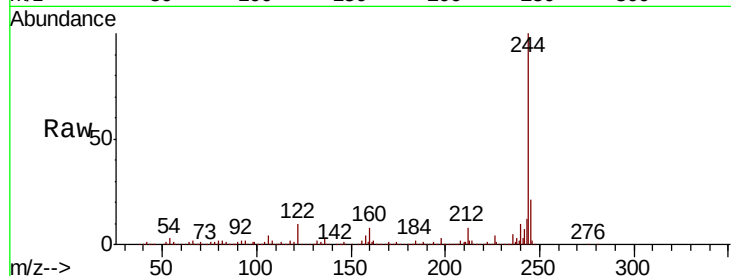
Tot Ion:184 Resp: 14808

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

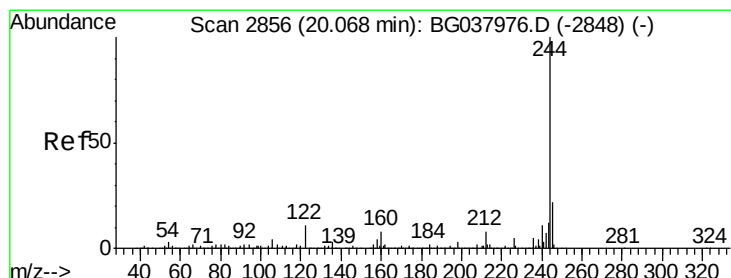
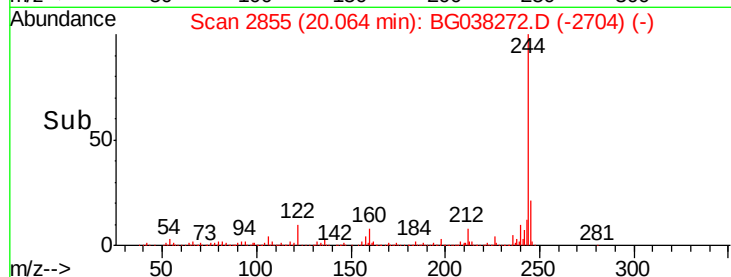
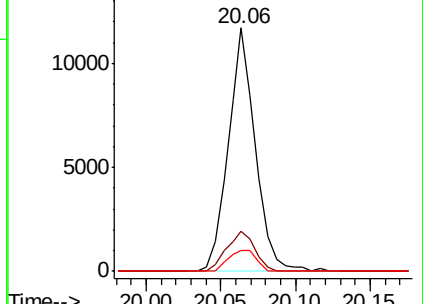
183 8.5 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 108.632 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038272.D

Acq: 1 Dec 2018 1:15

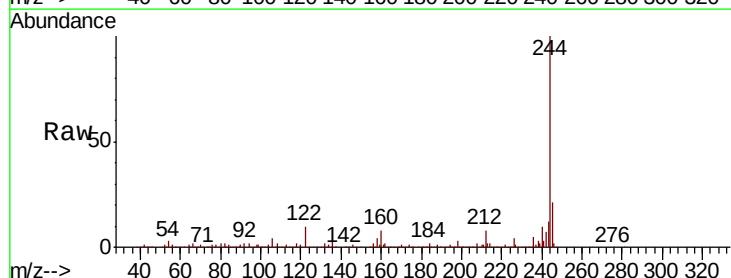
Tgt Ion:244 Resp: 874149

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

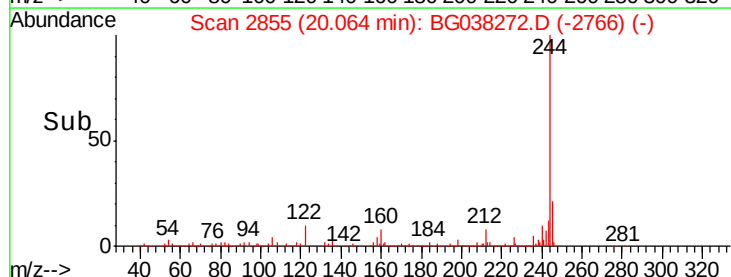
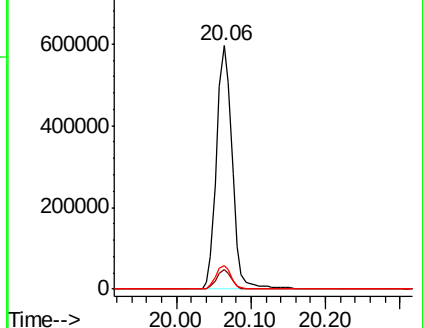
122 9.6 9.0 13.4

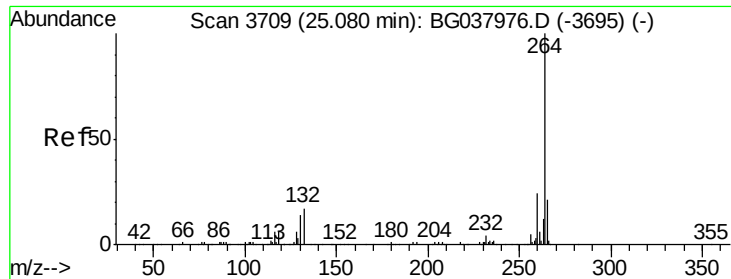


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038272.D
Acq: 1 Dec 2018 1:15

Instrument :
BNA_G
ClientSampleId :
OR-03-112918-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.2	27.4
265	19.2	17.9	26.9

