

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038254.D
 Acq On : 30 Nov 2018 12:46
 Operator : JU/SJ
 Sample : J6083-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Nov 30 13:38:46 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

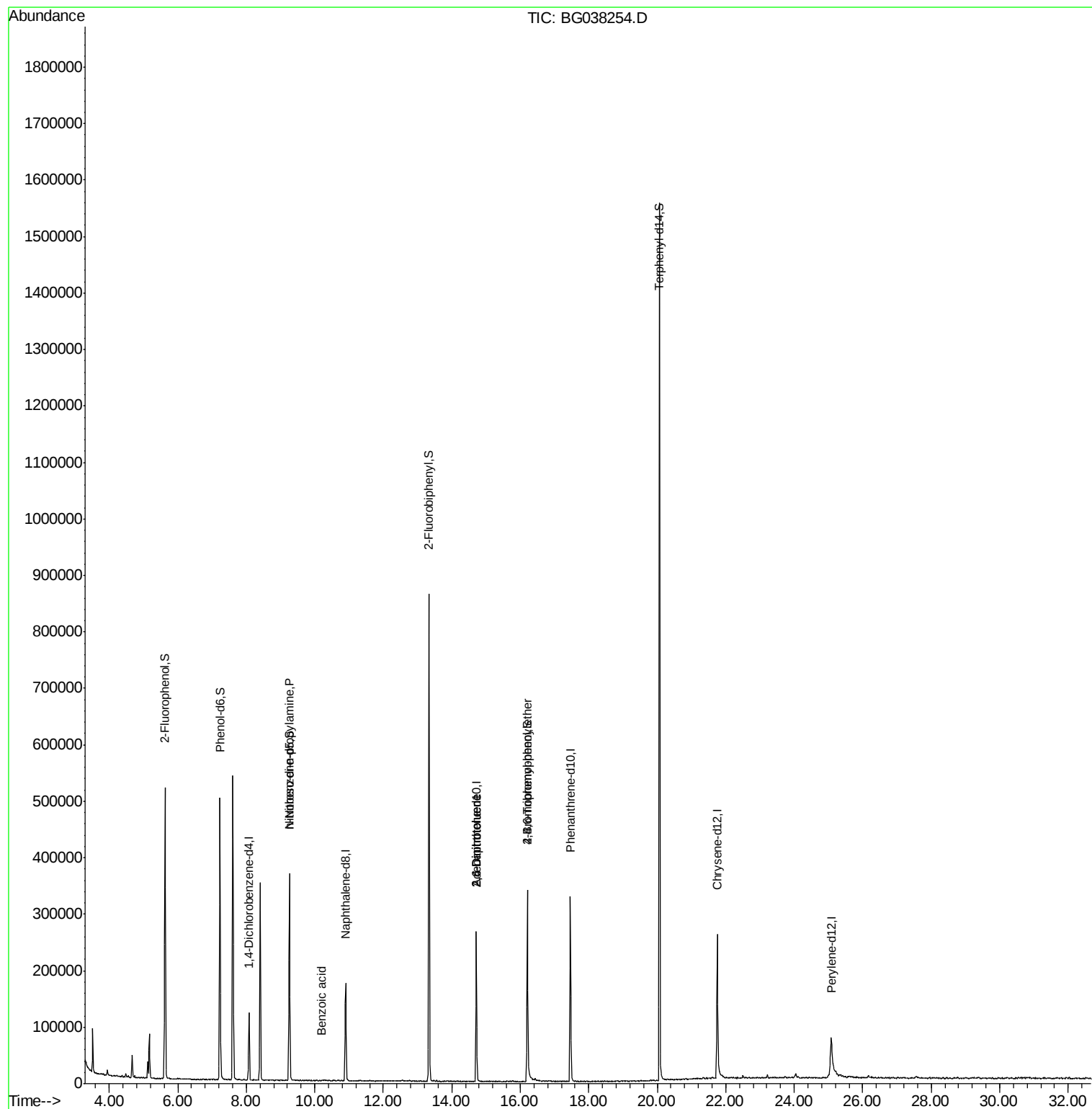
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35548	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	156917	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	96262	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	215084	20.00	ng	0.00
76) Chrysene-d12	21.75	240	204254	20.00	ng	0.00
87) Perylene-d12	25.08	264	141535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	227409	110.45	ng	0.00
7) Phenol-d6	7.23	99	296136	100.76	ng	0.00
23) Nitrobenzene-d5	9.26	82	225912	77.07	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	80999	73.78	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	471429	71.35	ng	-0.01
79) Terphenyl-d14	20.06	244	805009	92.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	29986	14.101	ng	# 74
32) Benzoic acid	10.19	122	54	12.361	ng	# 1
51) 2,6-Dinitrotoluene	14.72	165	12032	6.966	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	12032	5.120	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	4911	2.080	ng	# 1

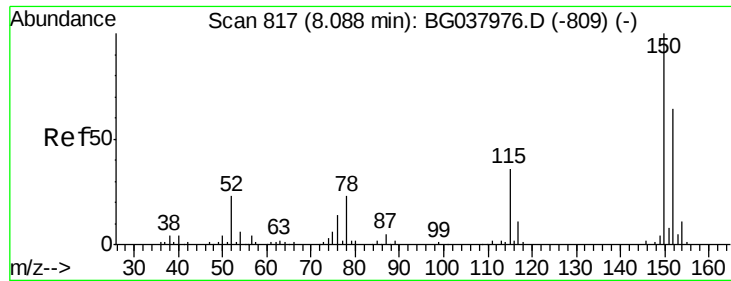
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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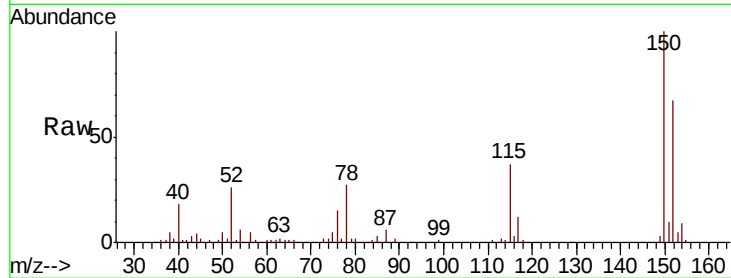


#1

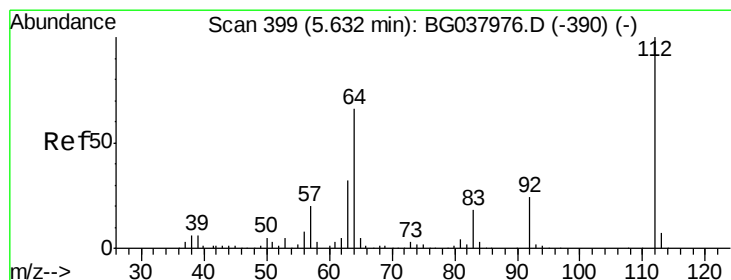
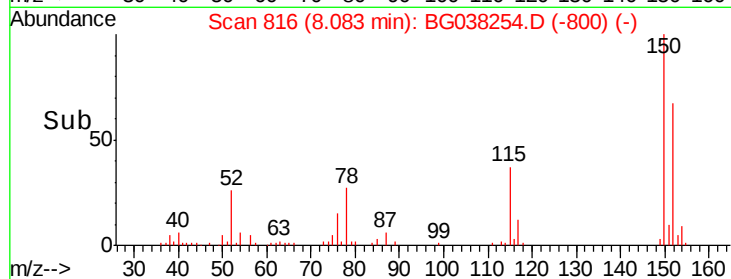
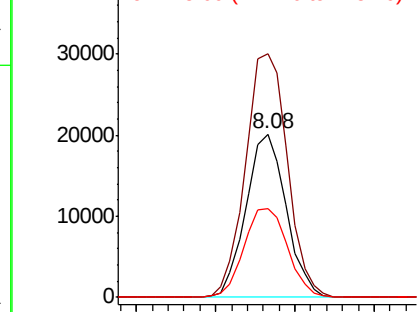
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038254.D
Acq: 30 Nov 2018 12:46

Instrument :
BNA_G
ClientSampled :
WC-1

Tot Ion:152 Resp: 35548
Ion Ratio Lower Upper
152 100
150 149.3 126.0 189.0
115 54.6 45.5 68.3



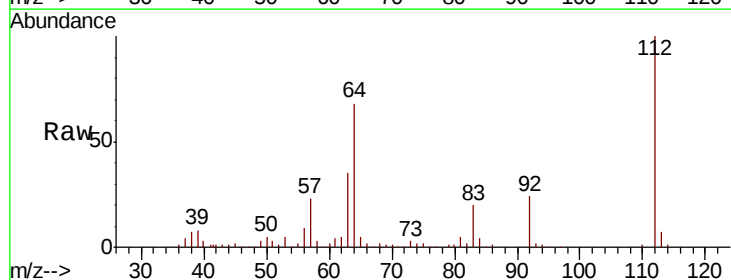
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



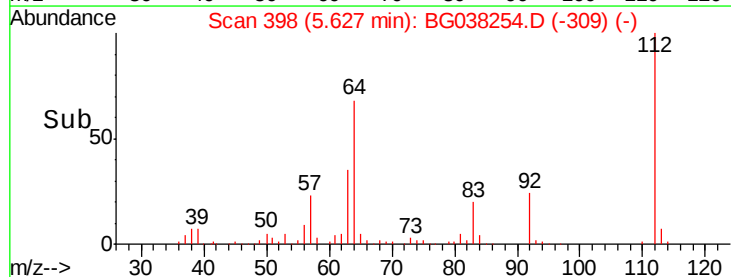
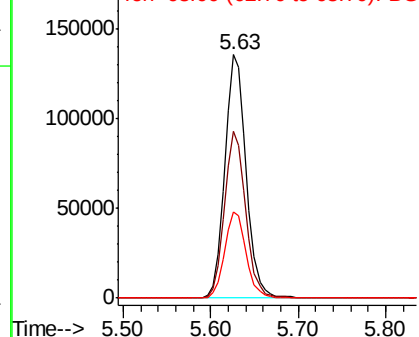
#5

2-Fluorophenol
Concen: 110.452 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038254.D
Acq: 30 Nov 2018 12:46

Tgt Ion:112 Resp: 227409
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 35.4 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: 100.763 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

Instrument :

BNA_G

ClientSampled :

WC-1

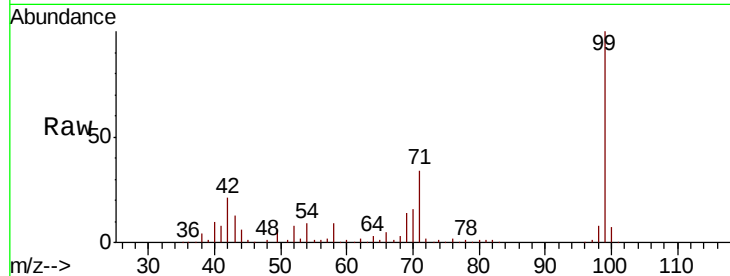
Tot Ion: 99 Resp: 296136

Ion Ratio Lower Upper

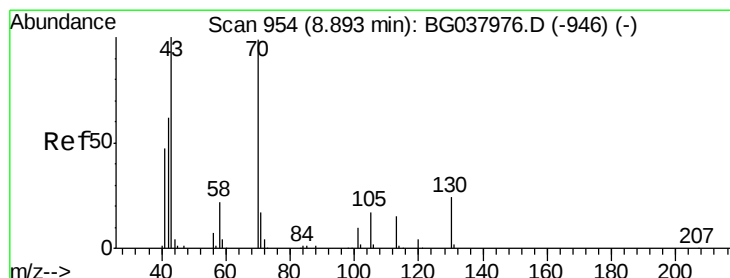
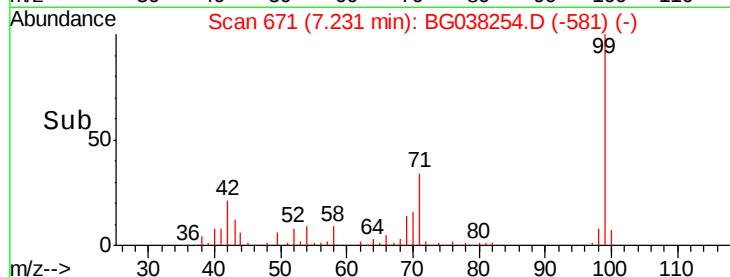
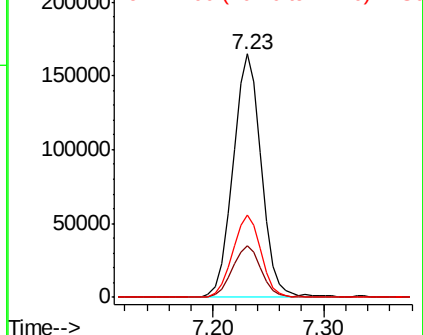
99 100

42 21.4 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: 14.101 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

Tgt Ion: 70 Resp: 29986

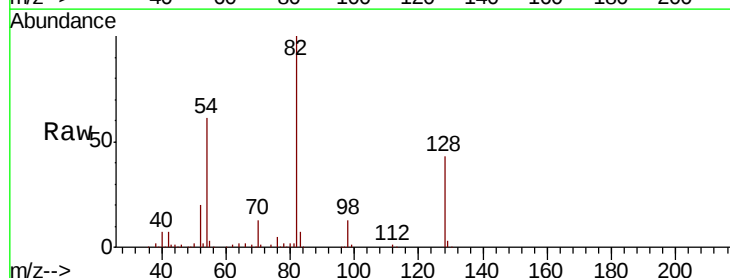
Ion Ratio Lower Upper

70 100

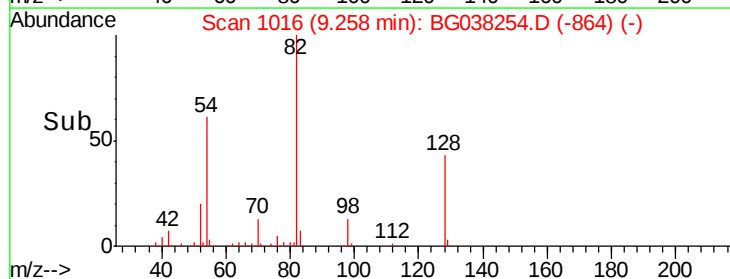
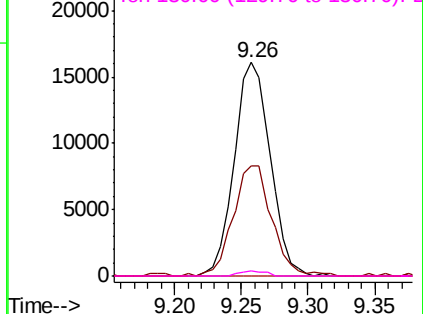
42 51.7 53.9 80.9#

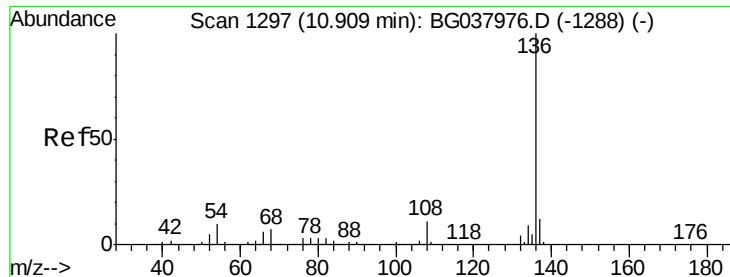
101 0.0 8.2 12.2#

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

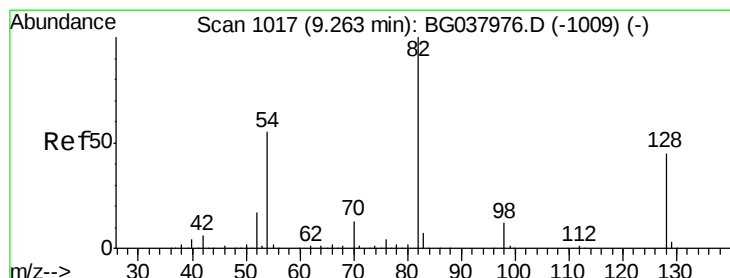
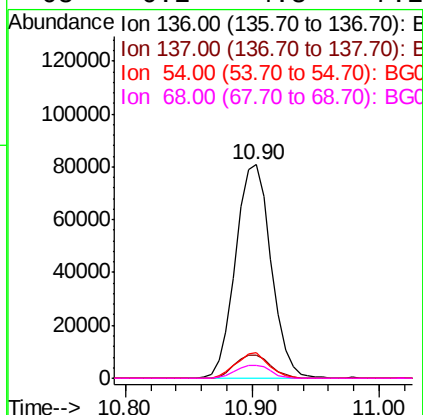
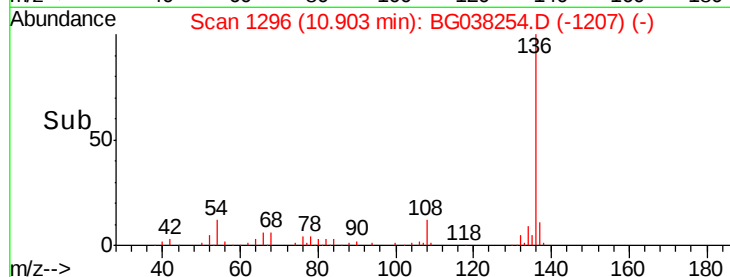
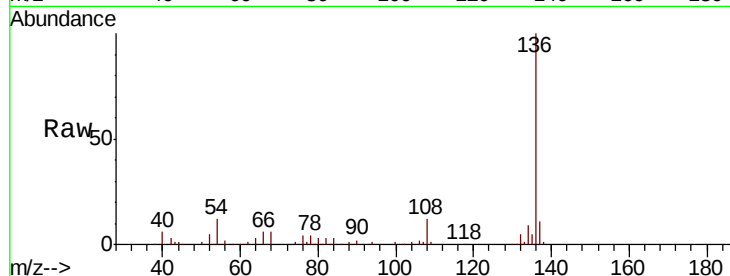




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038254.D
Acq: 30 Nov 2018 12:46

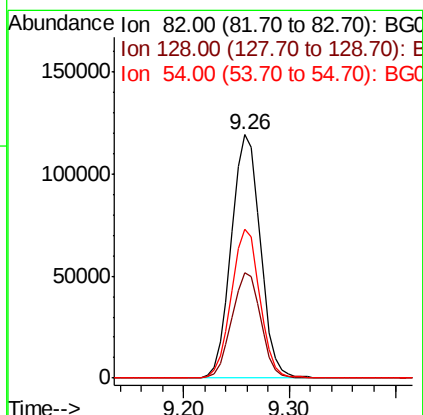
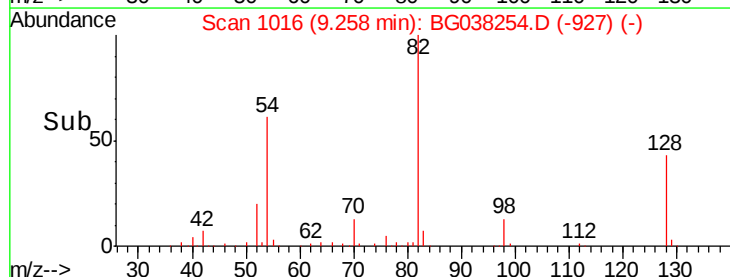
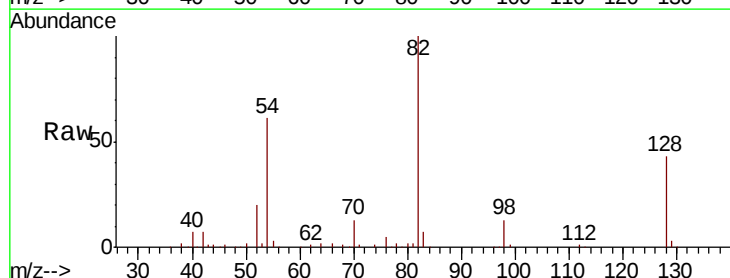
Instrument :
BNA_G
ClientSampleId :
WC-1

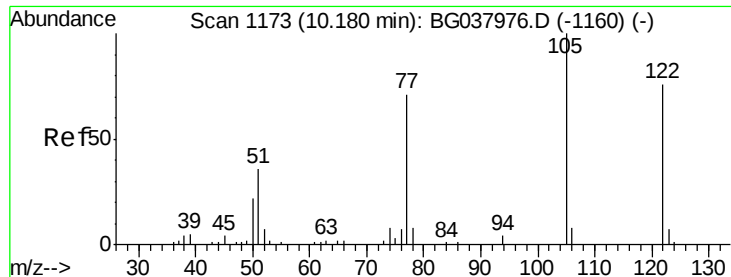
Tot Ion:136	Resp:	156917
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.6 14.4
54	12.1	7.9 11.9#
68	6.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 77.067 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038254.D
Acq: 30 Nov 2018 12:46

Tgt Ion: 82	Resp:	225912
Ion	Ratio	Lower Upper
82	100	
128	43.3	34.6 51.8
54	61.4	45.3 67.9





#32

Benzoic acid

Concen: 12.361 ng

RT: 10.19 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

Instrument :

BNA_G

ClientSampleId :

WC-1

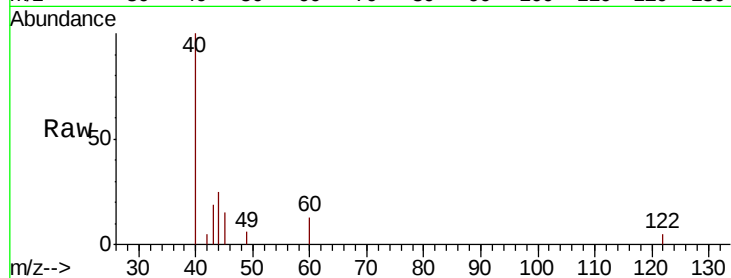
Tot Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 106.7 146.7#

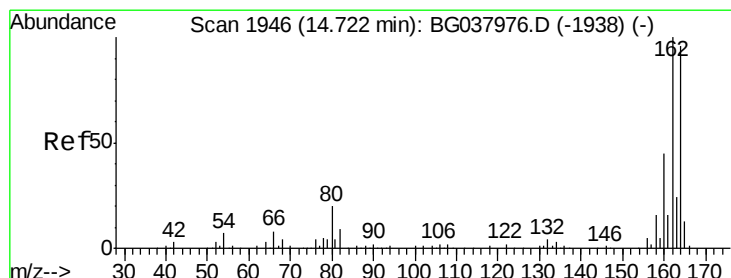
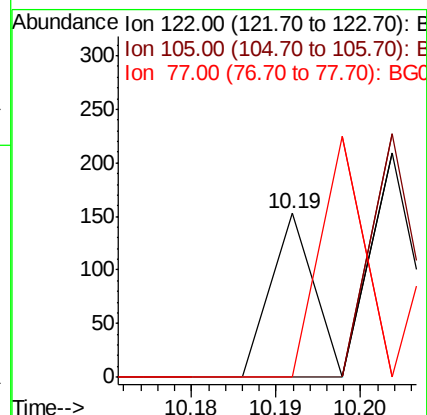
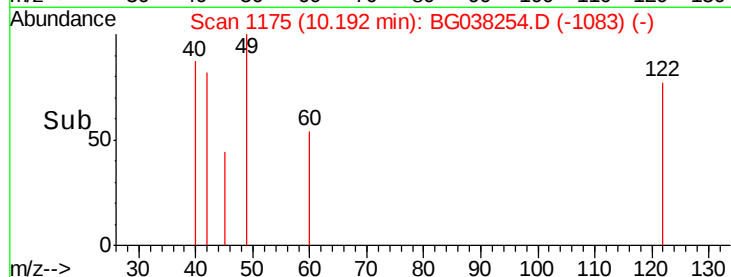
77 0.0 72.2 112.2#



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): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

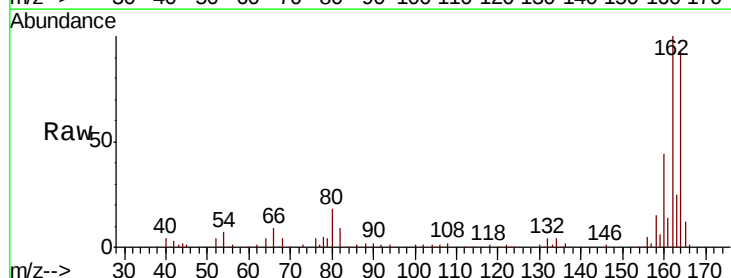
Tgt Ion:164 Resp: 96262

Ion Ratio Lower Upper

164 100

162 107.0 81.3 121.9

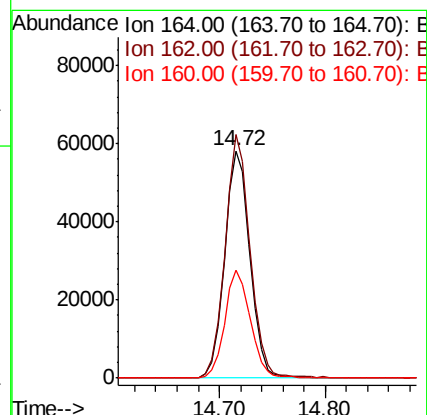
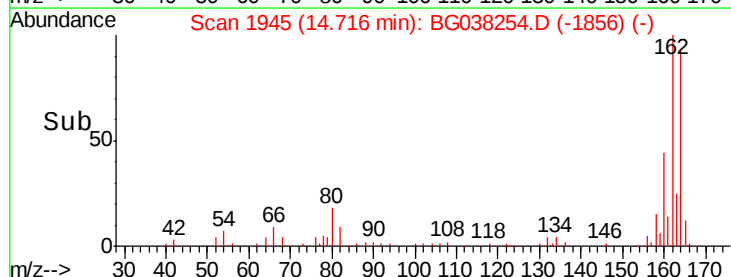
160 47.6 36.3 54.5

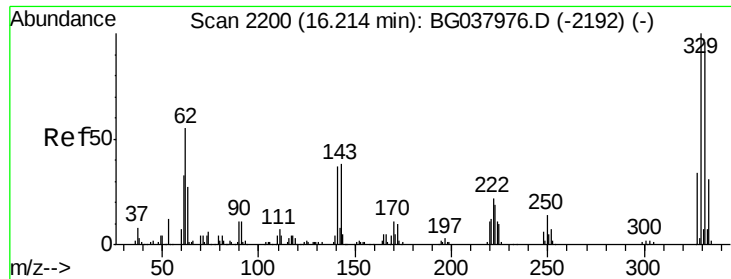


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 73.780 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

Instrument :

BNA_G

ClientSampleId :

WC-1

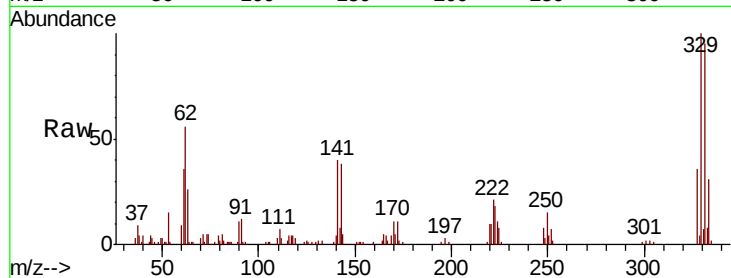
Tot Ion:330 Resp: 80999

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

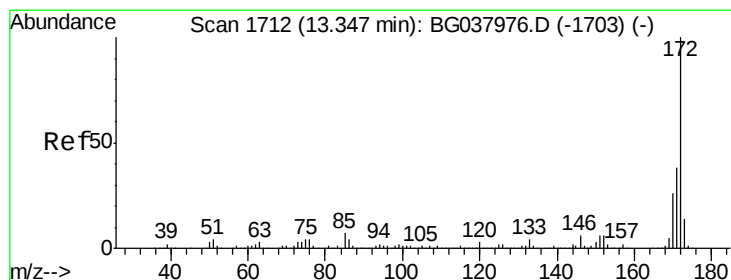
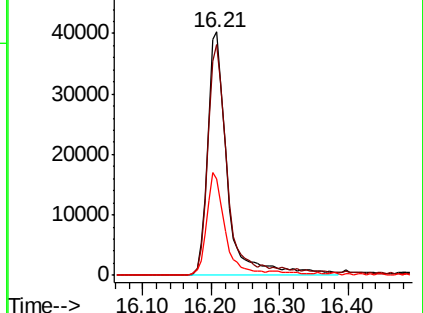
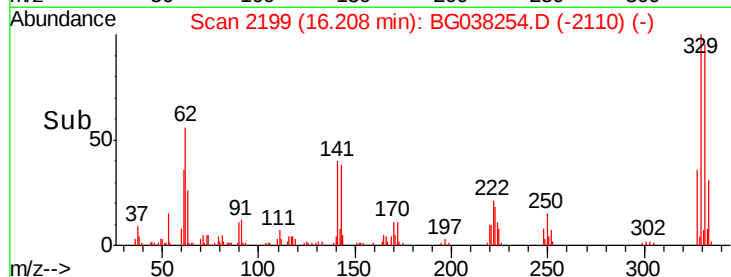
141 38.9 32.2 48.2



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: 71.347 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

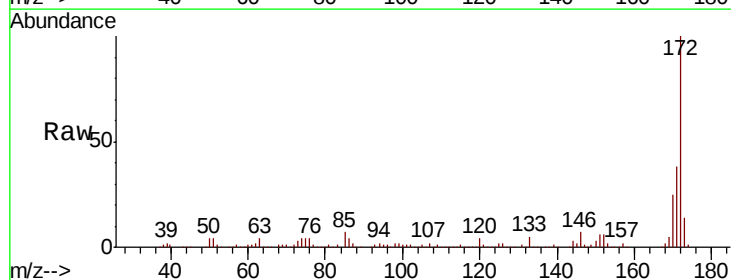
Tgt Ion:172 Resp: 471429

Ion Ratio Lower Upper

172 100

171 37.9 31.0 46.4

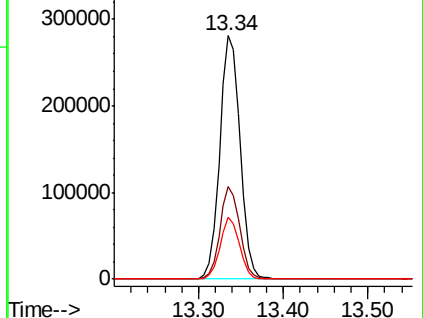
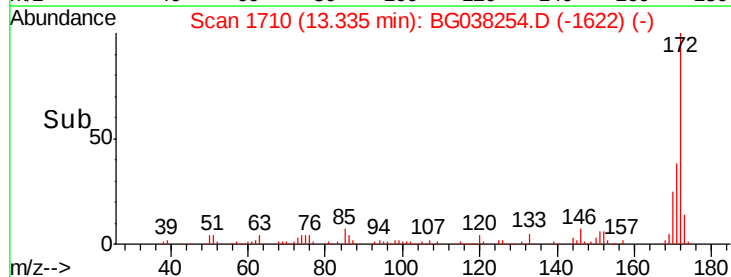
170 25.3 20.2 30.2

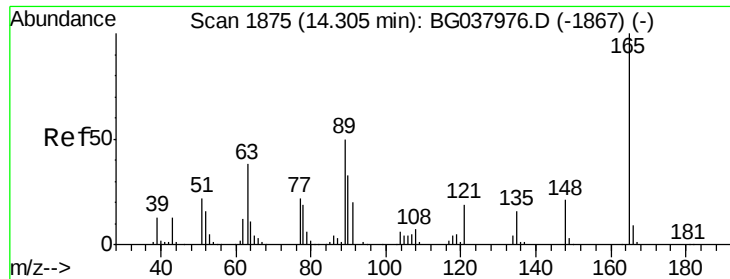


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

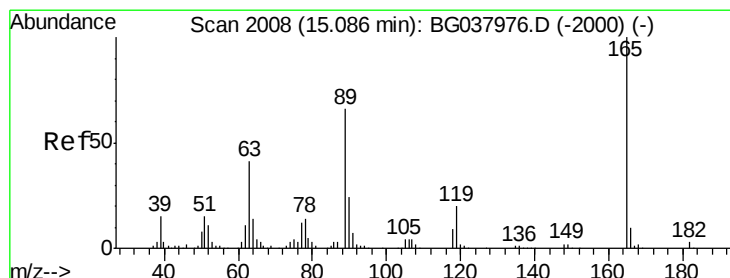
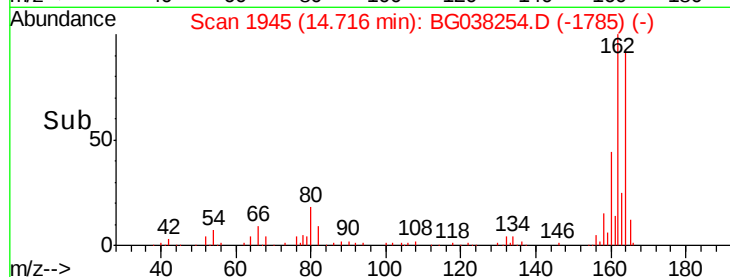
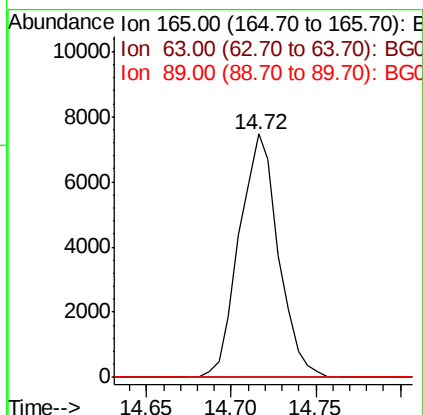
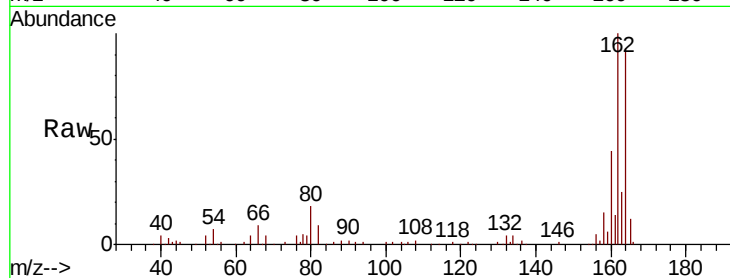




#51
 2,6-Dinitrotoluene
 Concen: 6.966 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038254.D
 Acq: 30 Nov 2018 12:46

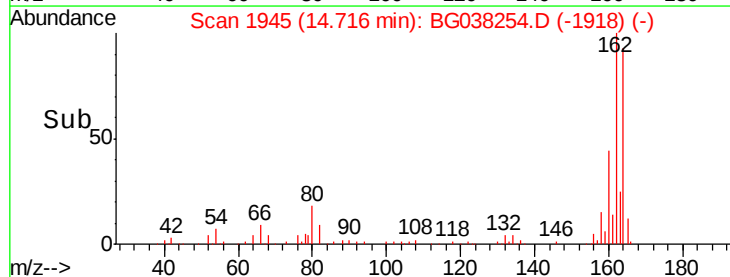
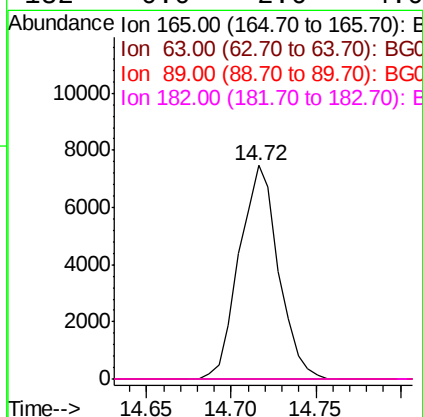
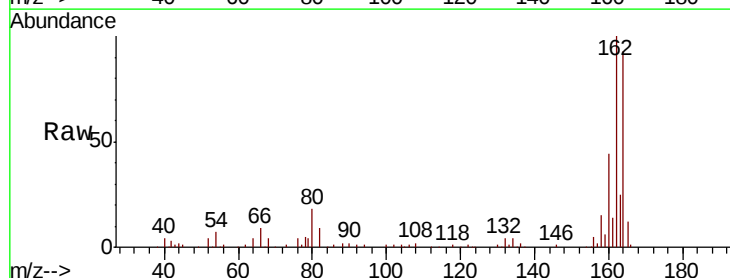
Instrument :
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Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.120 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038254.D
 Acq: 30 Nov 2018 12:46

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#

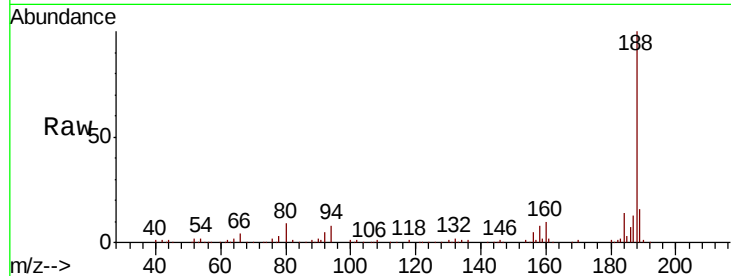




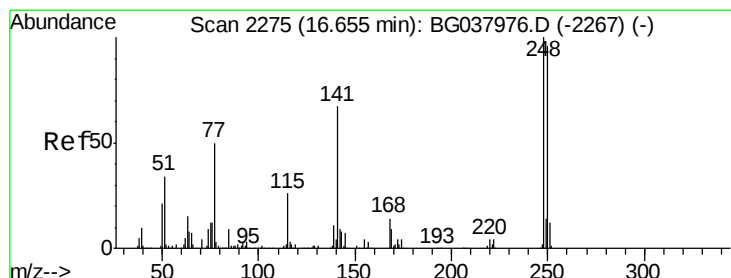
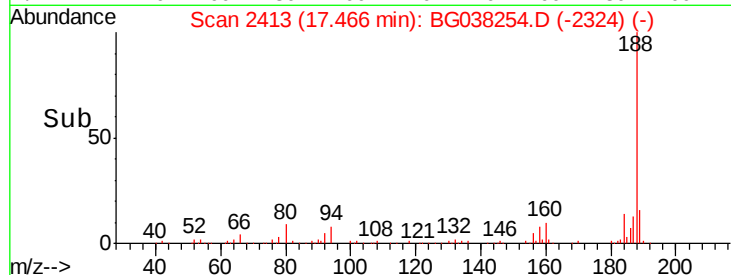
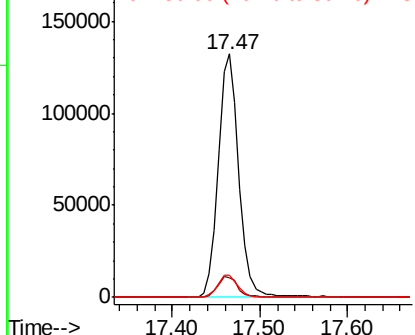
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038254.D
 Acq: 30 Nov 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Tot Ion:188 Resp: 215084
 Ion Ratio Lower Upper
 188 100
 94 7.8 7.2 10.8
 80 9.0 7.7 11.5

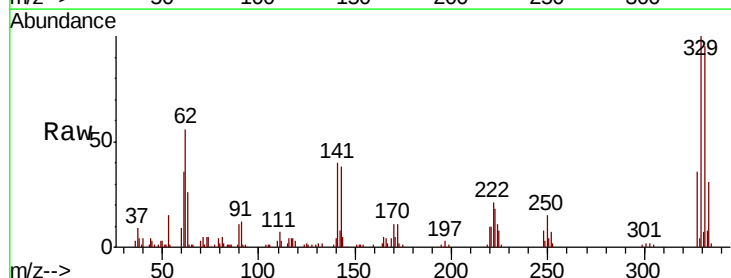


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

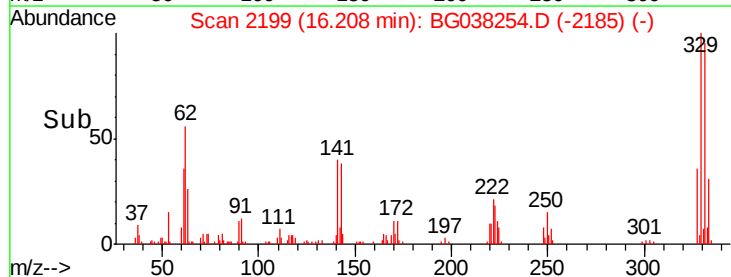
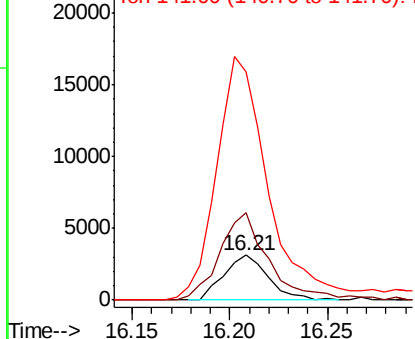


#67
 4-Bromophenyl-phenylether
 Concen: 2.080 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038254.D
 Acq: 30 Nov 2018 12:46

Tgt Ion:248 Resp: 4911
 Ion Ratio Lower Upper
 248 100
 250 187.1 77.0 115.6#
 141 384.5 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. -0.01 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

Instrument :

BNA_G

ClientSampleId :

WC-1

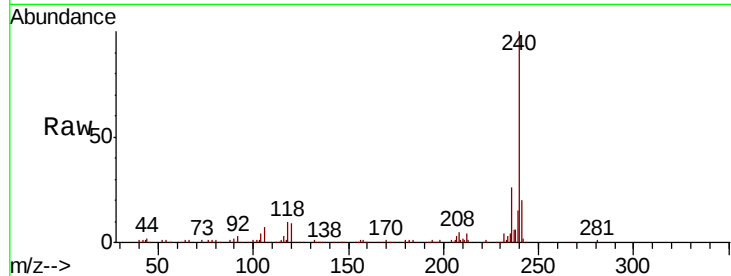
Tot Ion:240 Resp: 204254

Ion Ratio Lower Upper

240 100

120 9.2 8.1 12.1

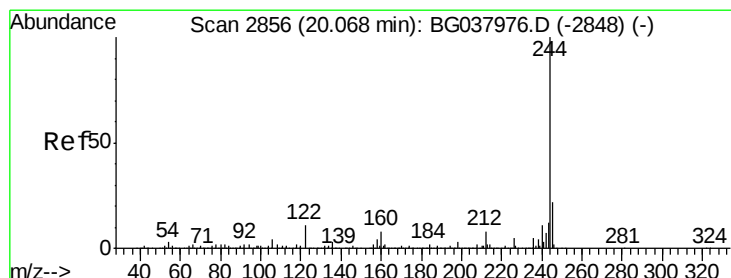
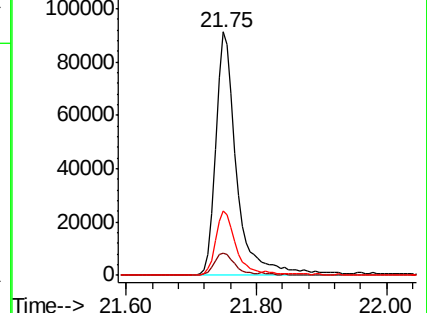
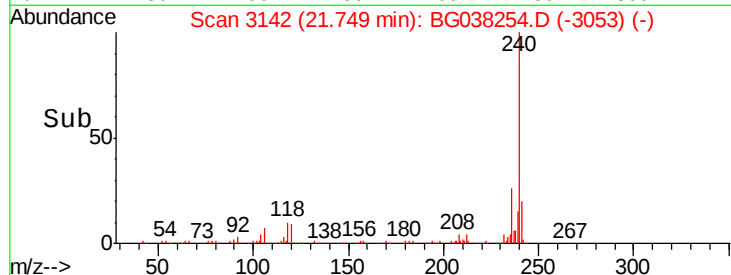
236 26.5 21.4 32.0



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: 92.737 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

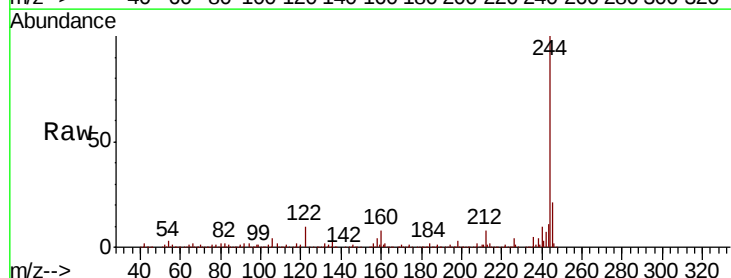
Tgt Ion:244 Resp: 805009

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

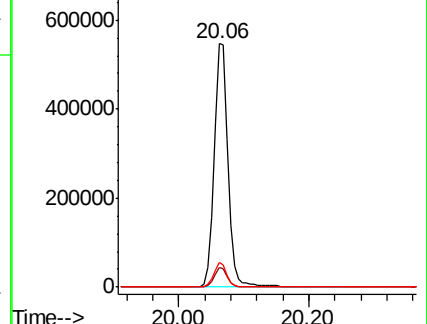
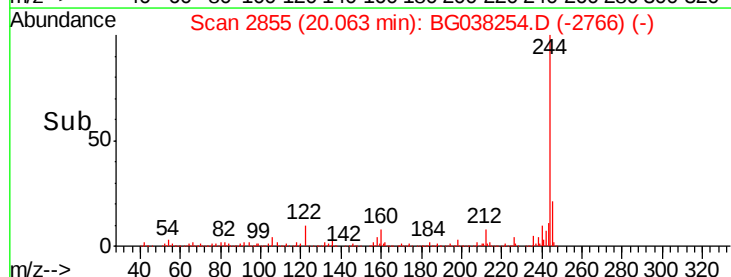
122 10.2 9.0 13.4

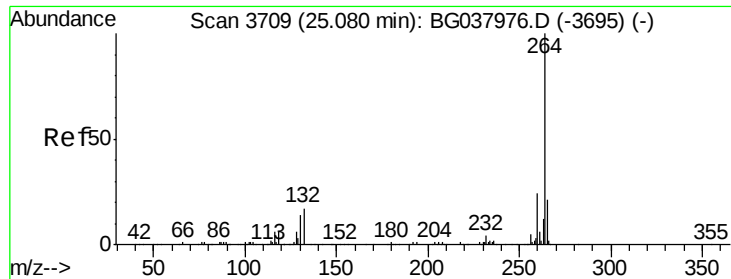


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038254.D
 Acq: 30 Nov 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Tot Ion:	264	Resp:	141535
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	20.9	17.9	26.9

