

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038109.D
 Acq On : 21 Nov 2018 7:53
 Operator : JU/SJ
 Sample : J6006-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 10:37:17 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

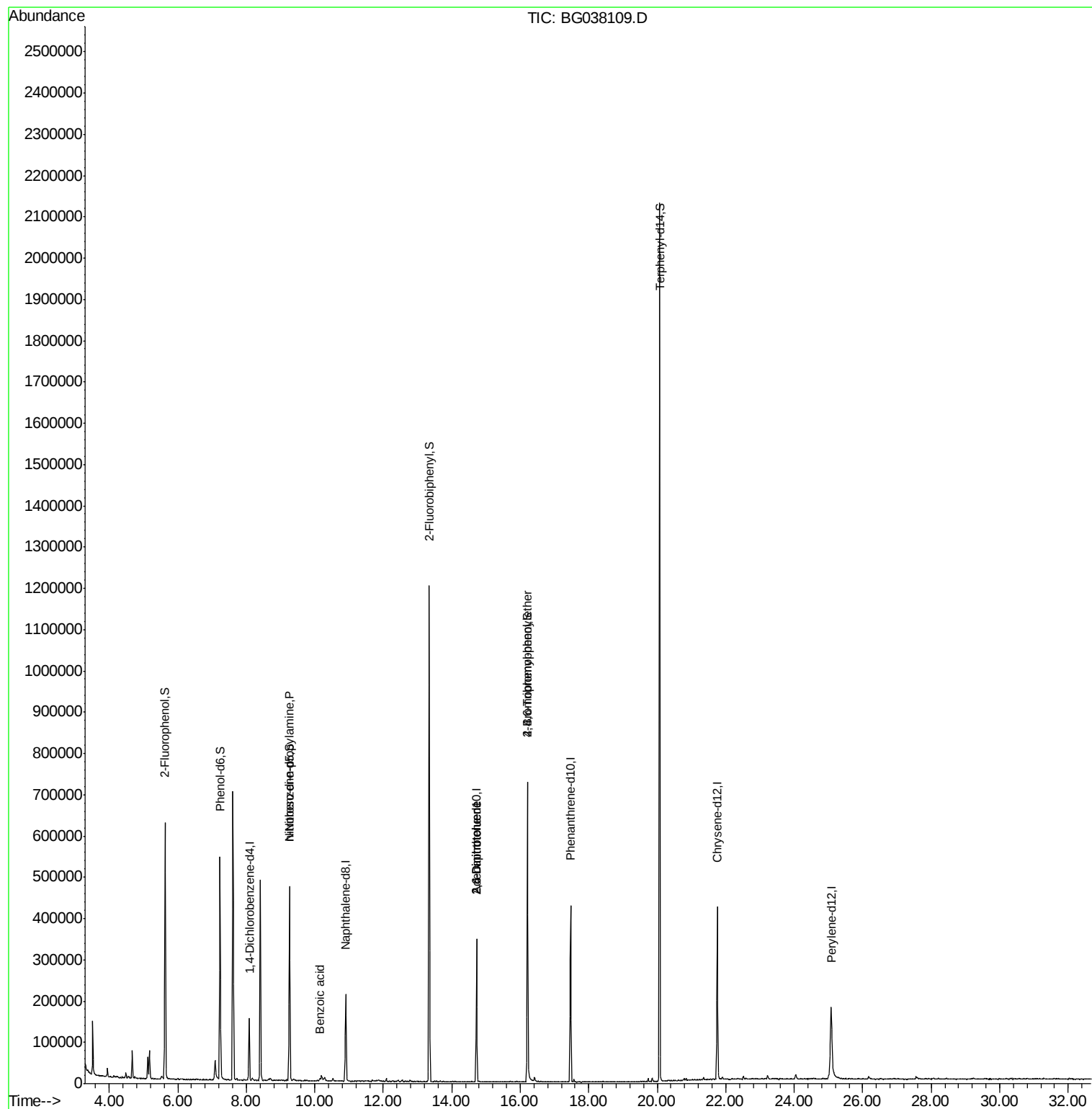
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44932	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	192395	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	122340	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	273113	20.00	ng	0.00
76) Chrysene-d12	21.75	240	267630	20.00	ng	0.00
87) Perylene-d12	25.08	264	256576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	281841	108.30	ng	0.00
7) Phenol-d6	7.23	99	344514	92.74	ng	0.00
23) Nitrobenzene-d5	9.26	82	293295	81.60	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	137636	98.65	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	634675	75.58	ng	0.00
79) Terphenyl-d14	20.07	244	999710	87.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	38242	14.227	ng	# 71
32) Benzoic acid	10.16	122	2414	13.340	ng	# 88
51) 2,6-Dinitrotoluene	14.72	165	15832	7.212	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	15832	5.301	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	10571	3.526	ng	# 1

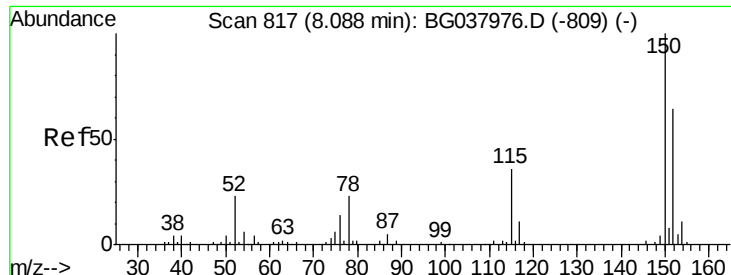
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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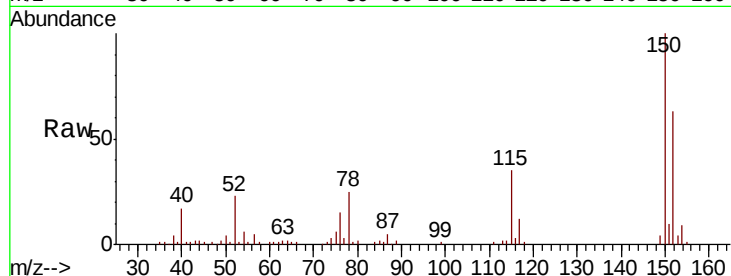


#1

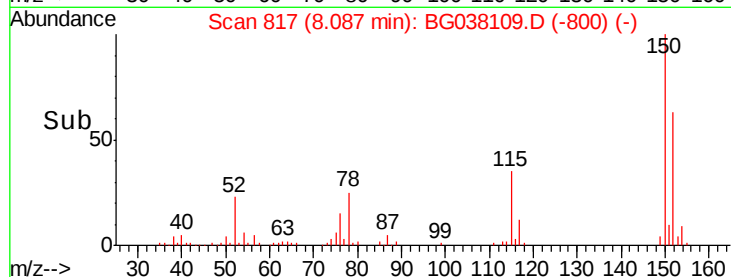
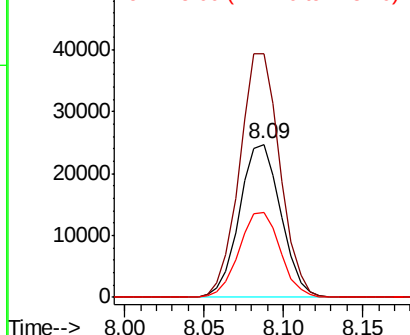
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038109.D
Acq: 21 Nov 2018 7:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44932
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 55.5 45.5 68.3



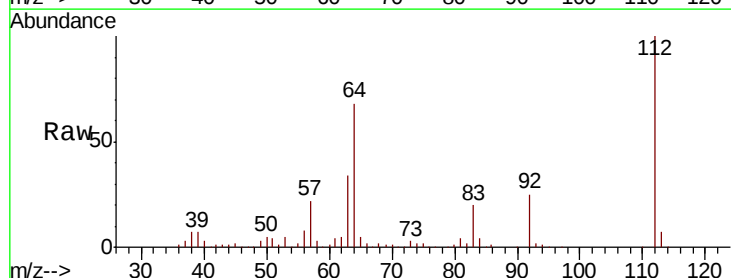
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



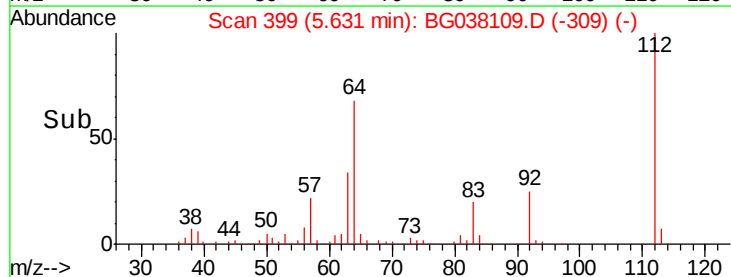
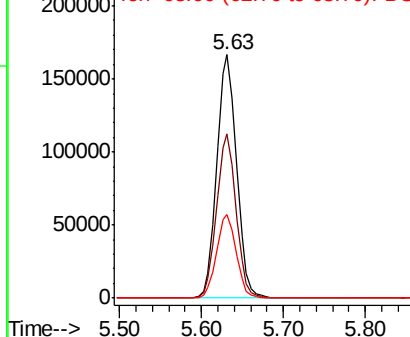
#5

2-Fluorophenol
Concen: 108.301 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038109.D
Acq: 21 Nov 2018 7:53

Tgt Ion:112 Resp: 281841
Ion Ratio Lower Upper
112 100
64 67.7 53.1 79.7
63 34.4 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: 92.742 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038109.D

Acq: 21 Nov 2018 7:53

Instrument :

BNA_G

ClientSampled :

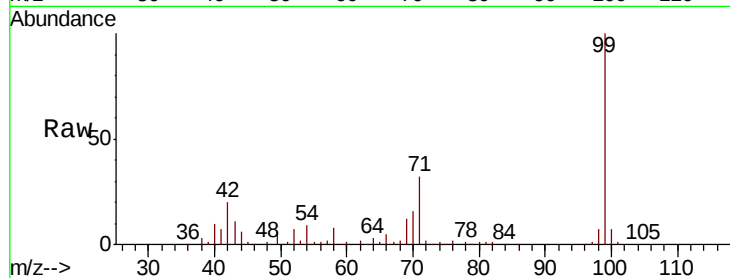
Tot Ion: 99 Resp: 344514

Ion Ratio Lower Upper

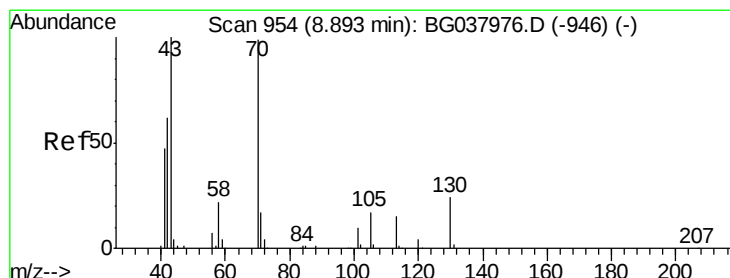
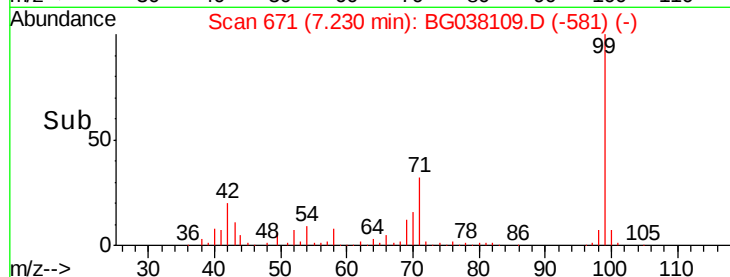
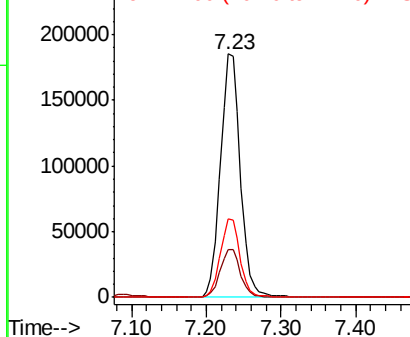
99 100

42 19.8 15.0 22.4

71 32.2 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: 14.227 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038109.D

Acq: 21 Nov 2018 7:53

Tgt Ion: 70 Resp: 38242

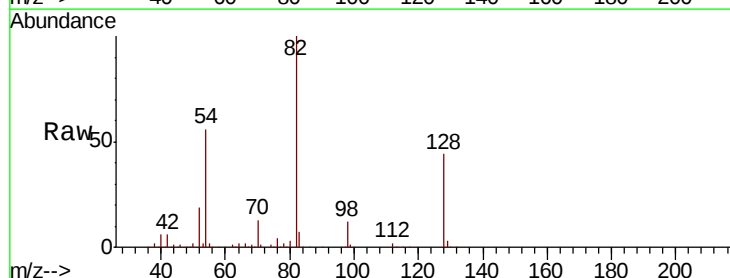
Ion Ratio Lower Upper

70 100

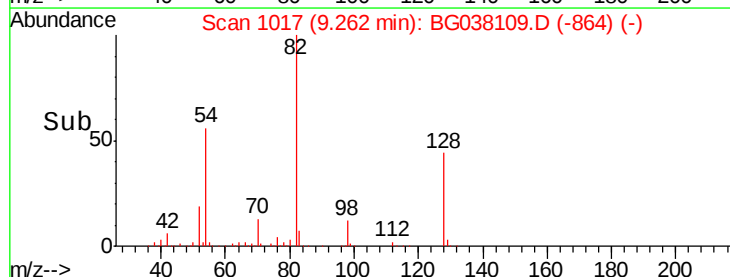
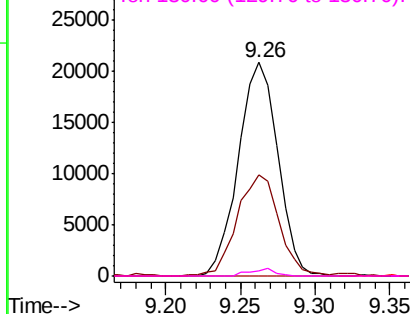
42 47.5 53.9 80.9#

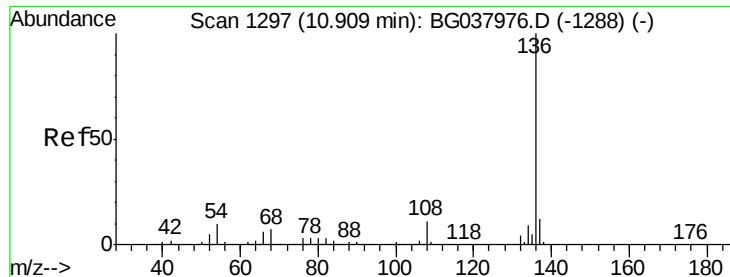
101 0.0 8.2 12.2#

130 2.1 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

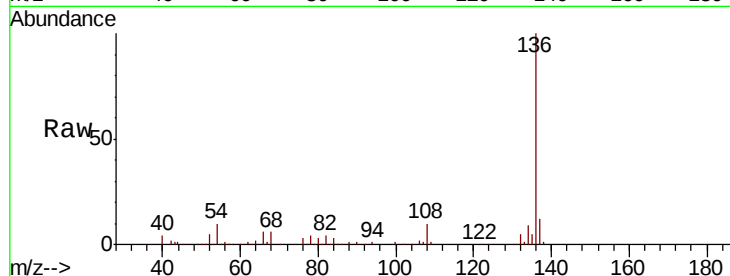




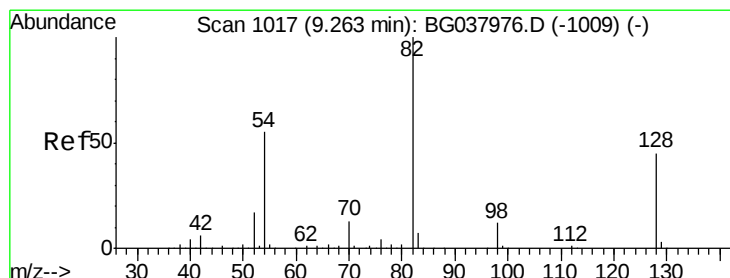
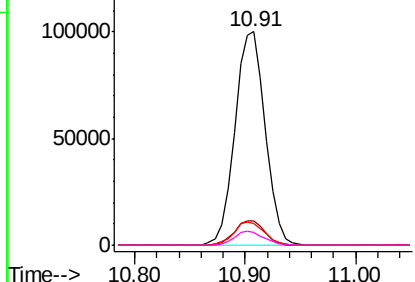
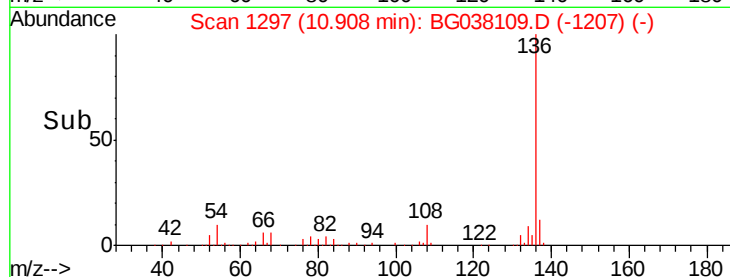
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038109.D
Acq: 21 Nov 2018 7:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	192395
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.6 14.4
54	10.5	7.9 11.9
68	5.9	4.8 7.2

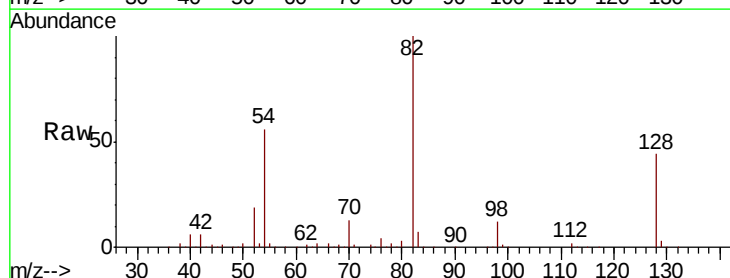


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

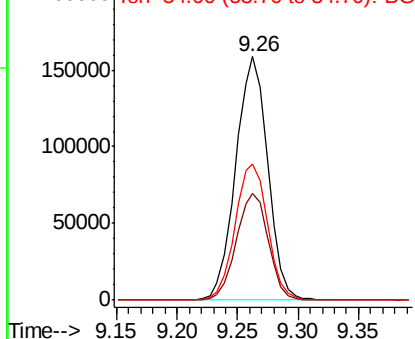
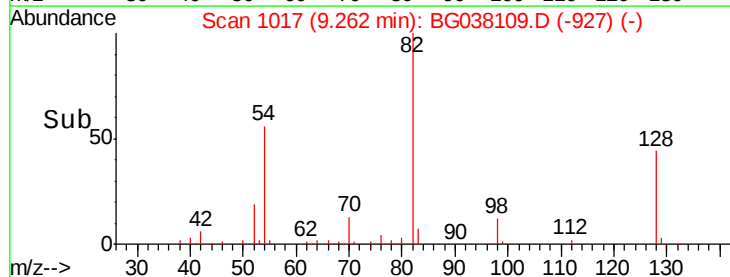


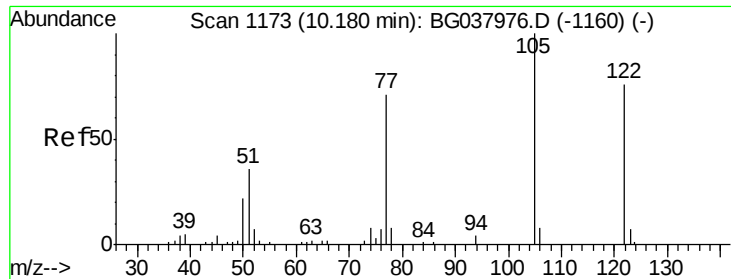
#23
Nitrobenzene-d5
Concen: 81.604 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038109.D
Acq: 21 Nov 2018 7:53

Tgt Ion: 82	Resp:	293295
Ion Ratio	Lower	Upper
82	100	
128	43.9	34.6 51.8
54	55.9	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 13.340 ng

RT: 10.16 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BG038109.D

Acq: 21 Nov 2018 7:53

Instrument :

BNA_G

ClientSampleId :

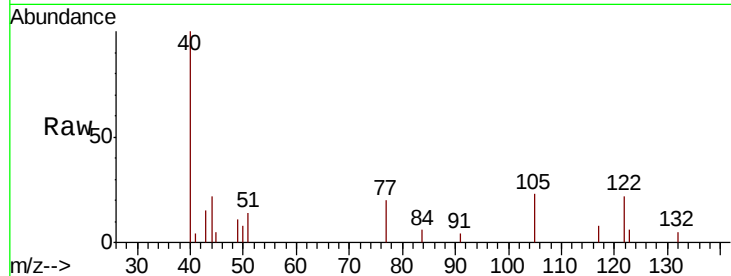
Tot Ion:122 Resp: 2414

Ion Ratio Lower Upper

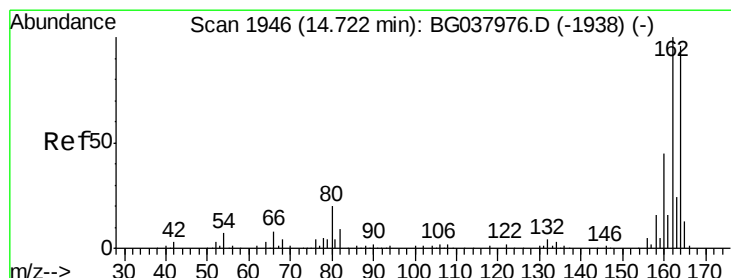
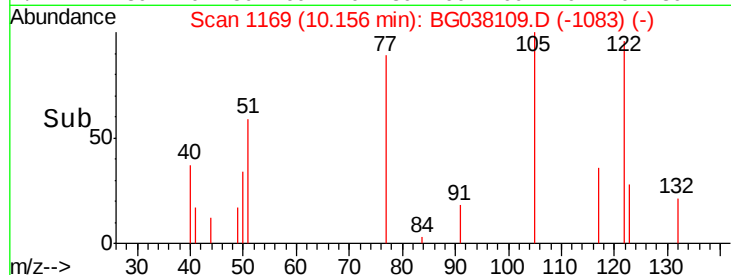
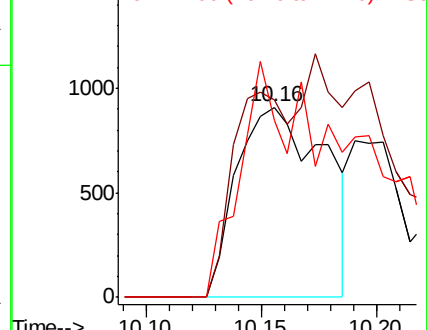
122 100

105 104.0 106.7 146.7#

77 92.9 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# 1946

Delta R.T. -0.00 min

Lab File: BG038109.D

Acq: 21 Nov 2018 7:53

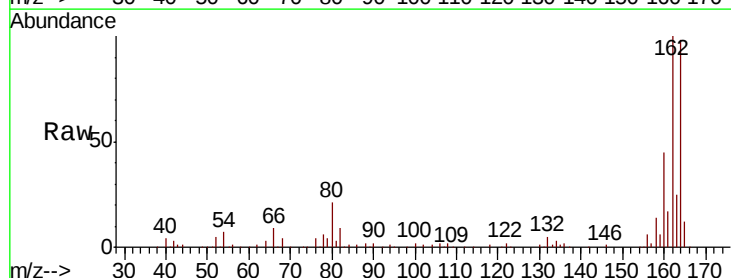
Tgt Ion:164 Resp: 122340

Ion Ratio Lower Upper

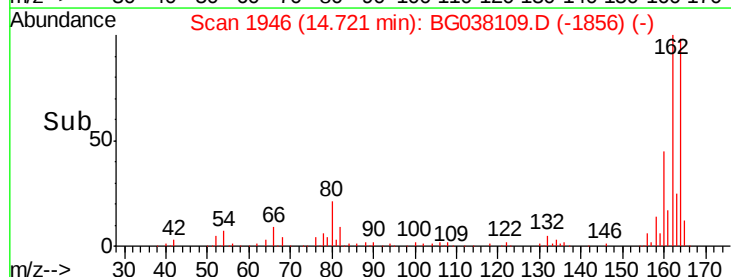
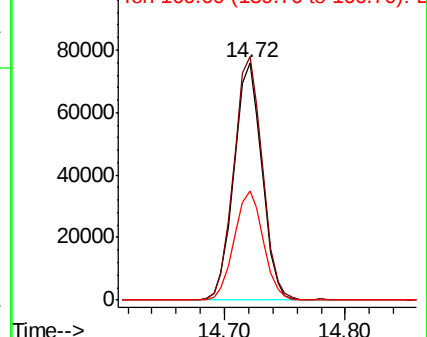
164 100

162 102.4 81.3 121.9

160 46.0 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

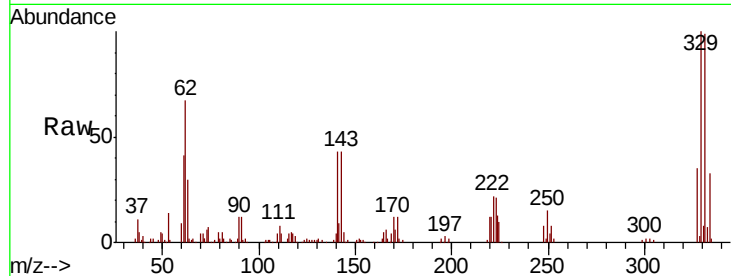




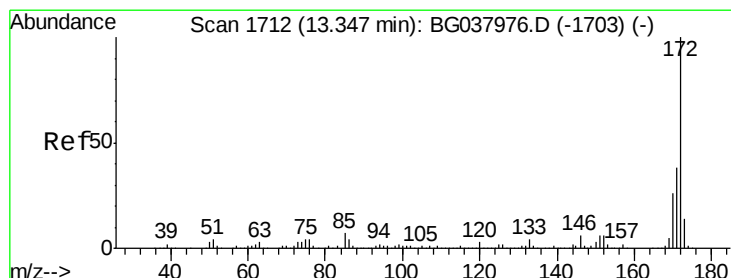
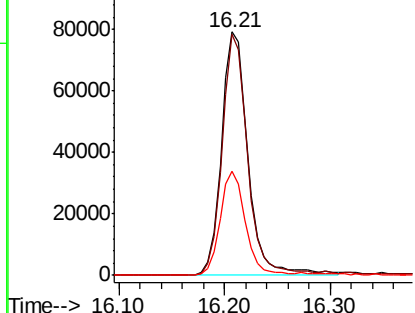
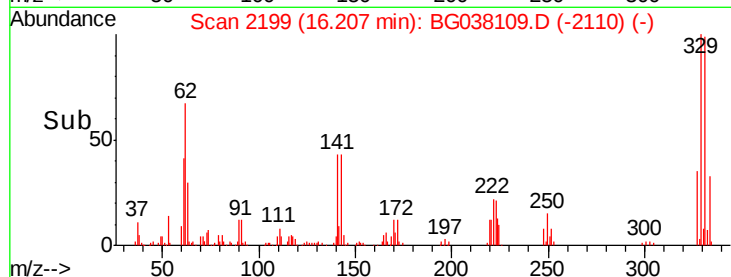
#42
 2,4,6-Tribromophenol
 Concen: 98.646 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038109.D
 Acq: 21 Nov 2018 7:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.4	117.6
141	40.8	32.2	48.2

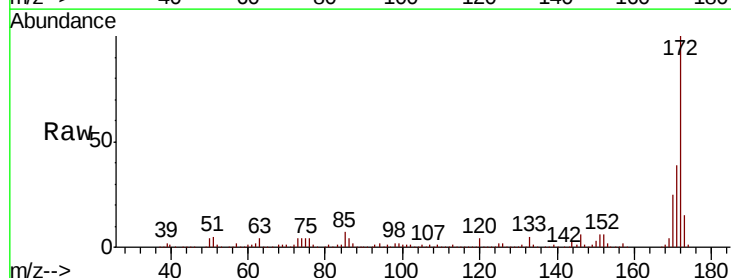


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

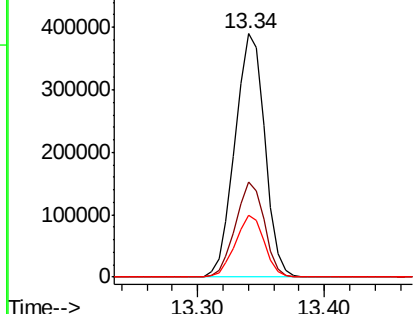
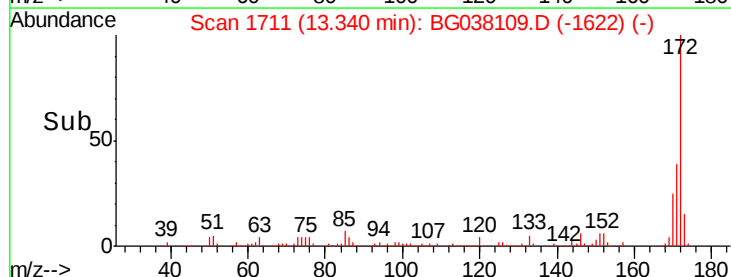


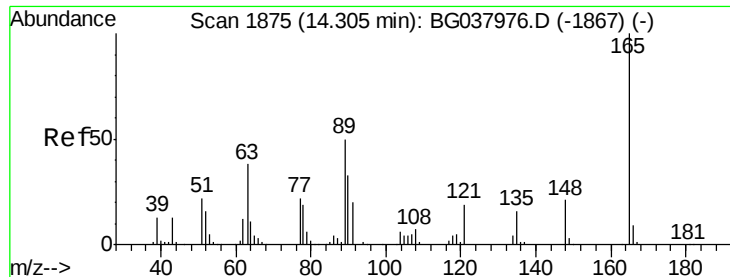
#45
 2-Fluorobiphenyl
 Concen: 75.578 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038109.D
 Acq: 21 Nov 2018 7:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	25.5	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

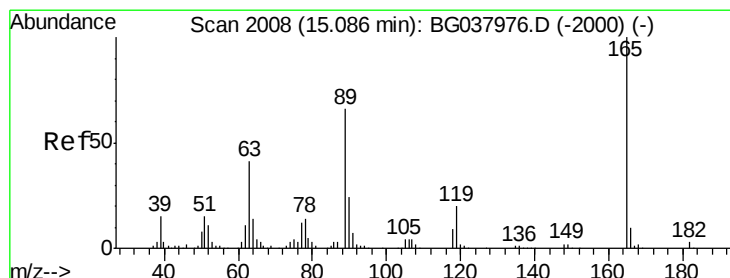
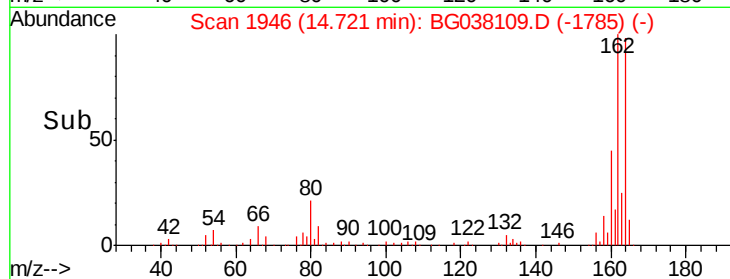
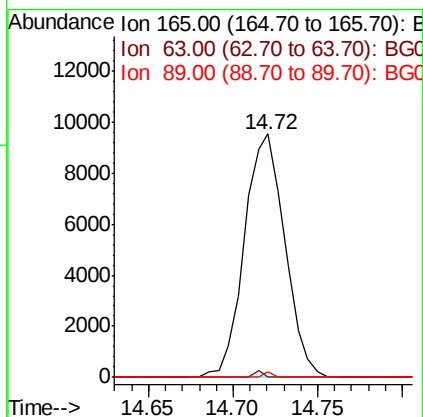
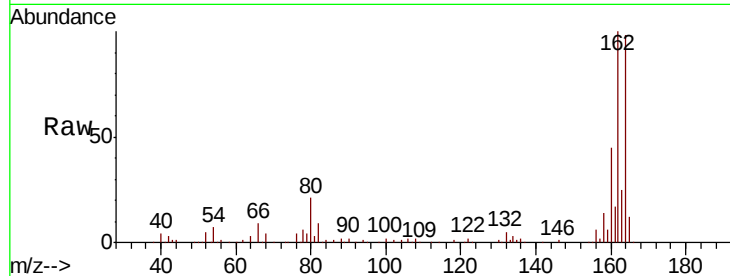




#51
 2,6-Dinitrotoluene
 Concen: 7.212 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038109.D
 Acq: 21 Nov 2018 7:53

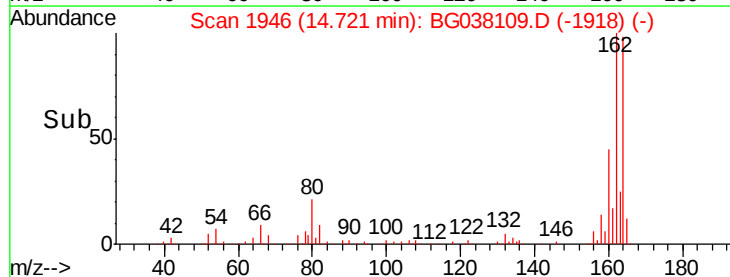
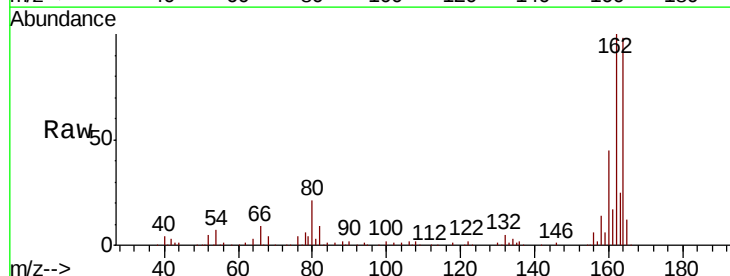
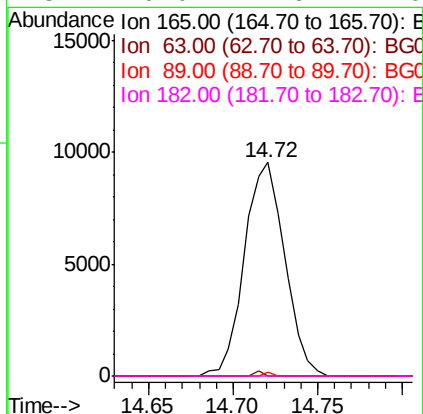
Instrument :
 BNA_G
 ClientSampleId :

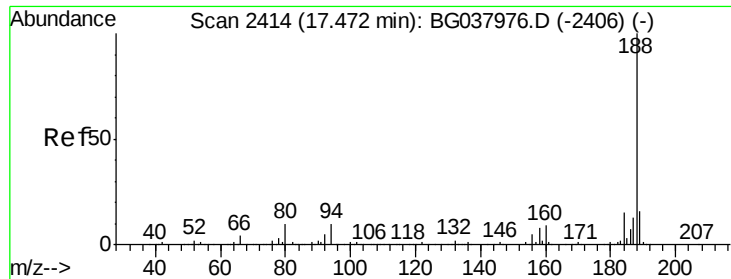
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.301 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG038109.D
 Acq: 21 Nov 2018 7:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038109.D

Acq: 21 Nov 2018 7:53

Instrument :

BNA_G

ClientSampleId :

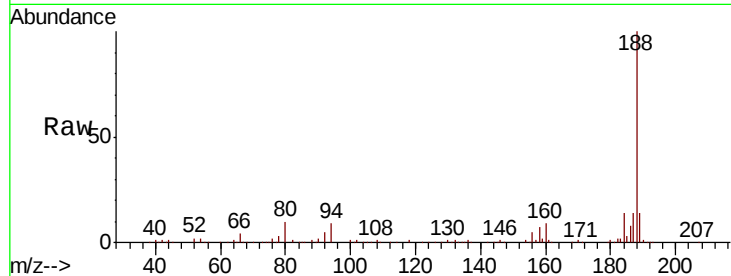
Tot Ion:188 Resp: 273113

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

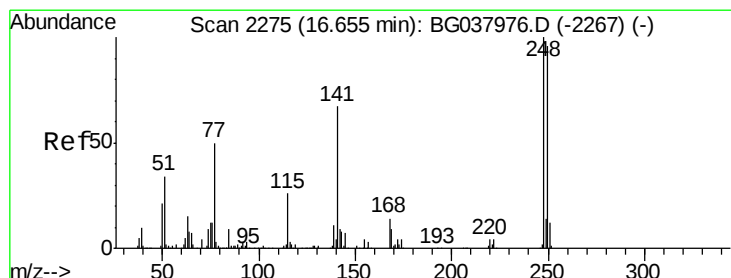
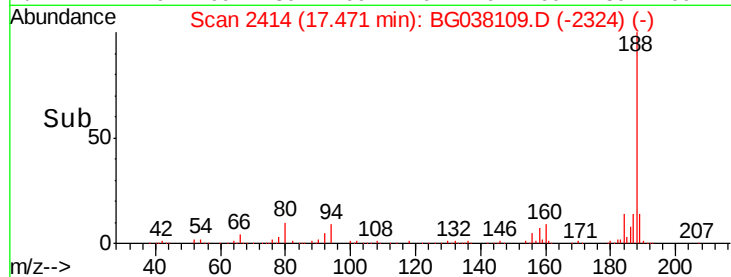
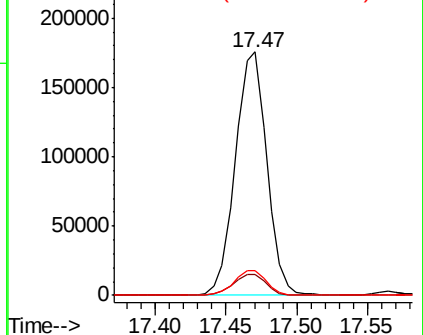
80 9.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.526 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.45 min

Lab File: BG038109.D

Acq: 21 Nov 2018 7:53

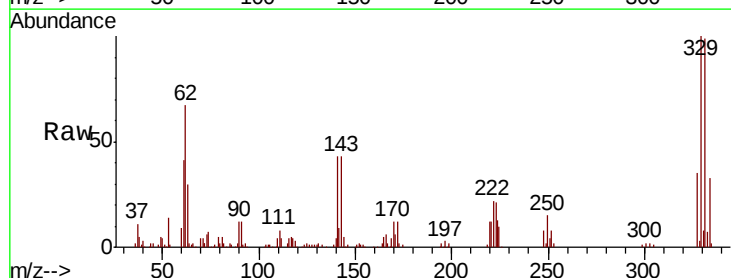
Tgt Ion:248 Resp: 10571

Ion Ratio Lower Upper

248 100

250 186.1 77.0 115.6#

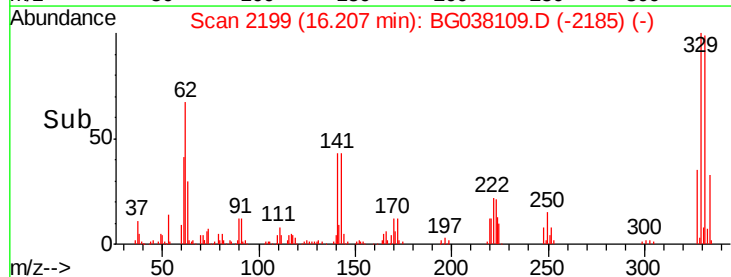
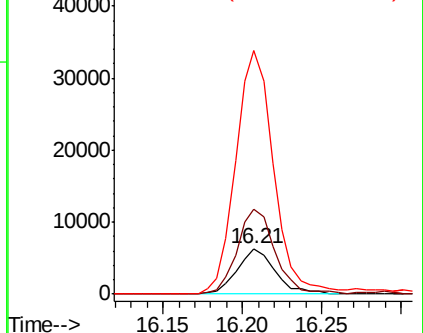
141 414.1 55.5 83.3#

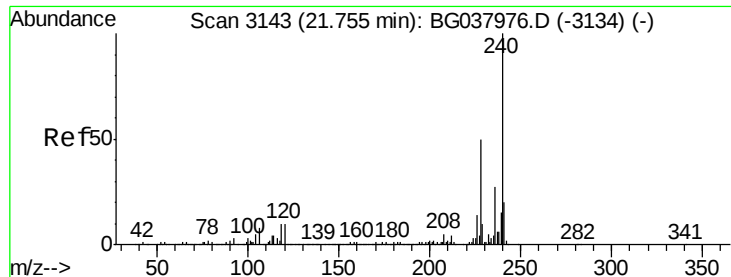


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG038109.D

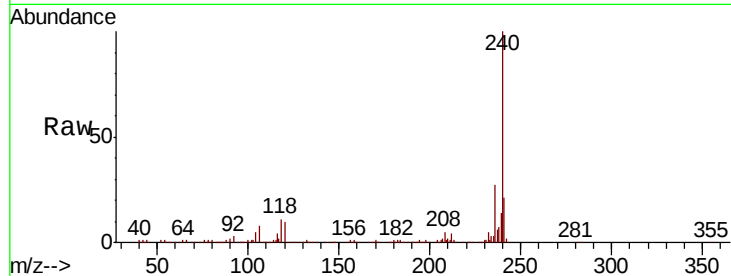
Acq: 21 Nov 2018 7:53

Instrument :

BNA_G

ClientSampleId :

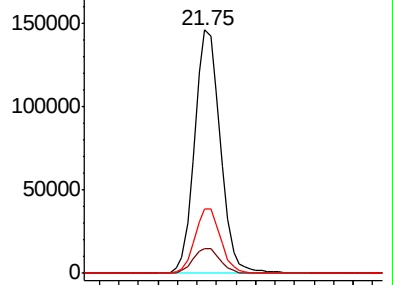
Tot Ion:240	Resp:	267630
Ion Ratio	Lower	Upper
240	100	
120	10.0	8.1 12.1
236	26.6	21.4 32.0



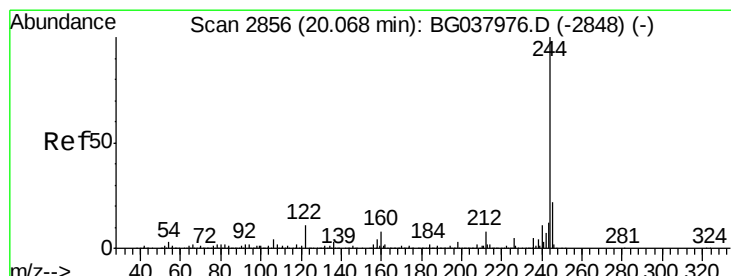
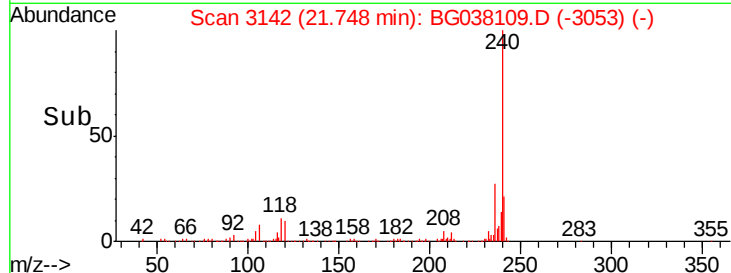
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 87.895 ng

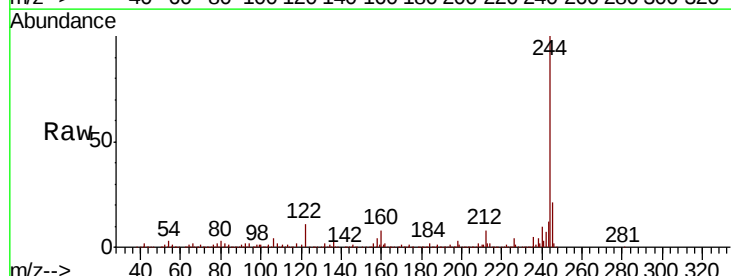
RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038109.D

Acq: 21 Nov 2018 7:53

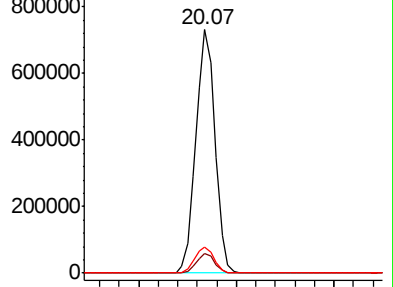
Tgt Ion:244	Resp:	999710
Ion Ratio	Lower	Upper
244	100	
212	8.2	6.5 9.7
122	10.9	9.0 13.4



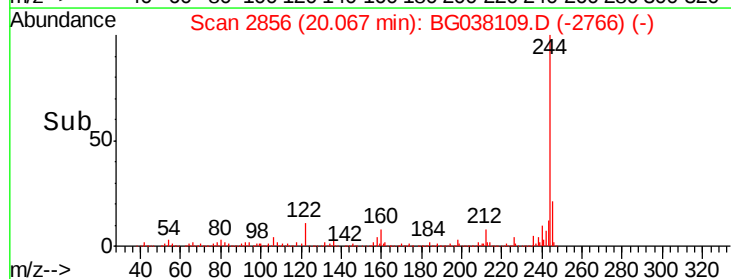
Abundance Ion 244.00 (243.70 to 244.70): E

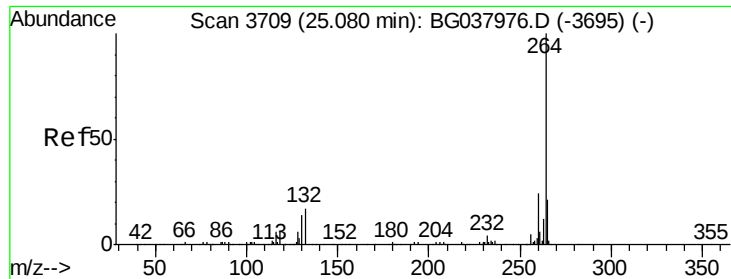
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#87
Pervlone-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038109.D
Acq: 21 Nov 2018 7:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	21.7	17.9	26.9

