

Data File : BG038239.D
Acq On : 29 Nov 2018 19:01
Operator : JU/SJ
Sample : J6124-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BW-2072-112818

Quant Time: Nov 30 00:24:50 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	36186	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	156108	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	92897	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	203166	20.00	ng	0.00
76) Chrysene-d12	21.75	240	198196	20.00	ng	0.00
87) Perylene-d12	25.07	264	198633	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	112975	53.90	ng	0.00
7) Phenol-d6	7.23	99	100075	33.45	ng	0.00
23) Nitrobenzene-d5	9.26	82	243980	83.66	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	124921	117.91	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	524131	82.20	ng	0.00
79) Terphenyl-d14	20.06	244	758154	90.01	ng	0.00

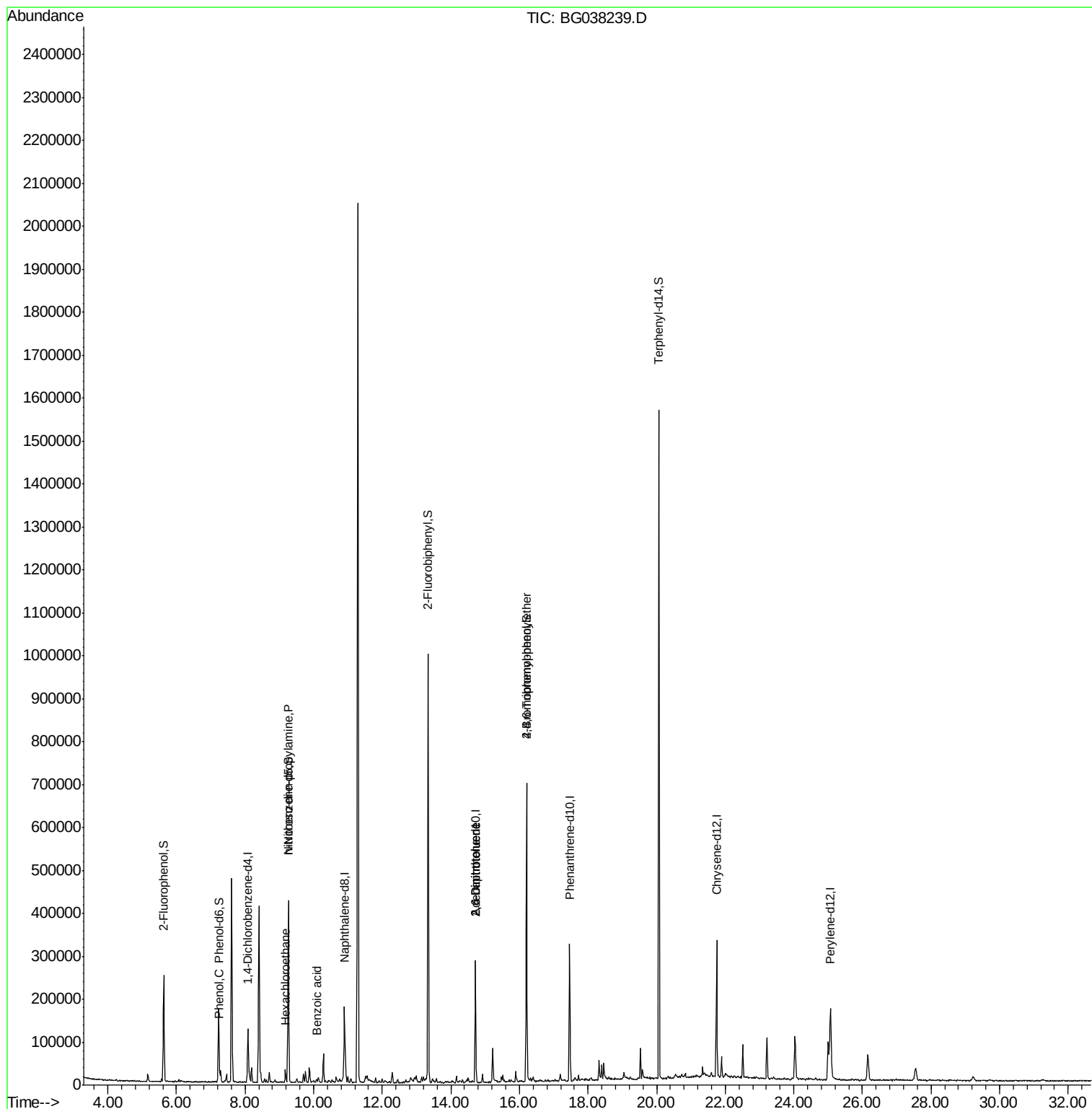
Target Compounds					Qvalue	
10) Phenol	7.26	94	6579	2.076	ng	84
18) Hexachloroethane	9.18	117	5043	4.896	ng	# 1
19) n-Nitroso-di-n-propylamine	9.26	70	31231	14.427	ng	# 75
32) Benzoic acid	10.09	122	1043	12.869	ng	# 40
51) 2,6-Dinitrotoluene	14.72	165	12118	7.270	ng	# 28
57) 2,4-Dinitrotoluene	14.72	165	12118	5.343	ng	# 27
67) 4-Bromophenyl-phenylether	16.20	248	8668	3.887	ng	# 1

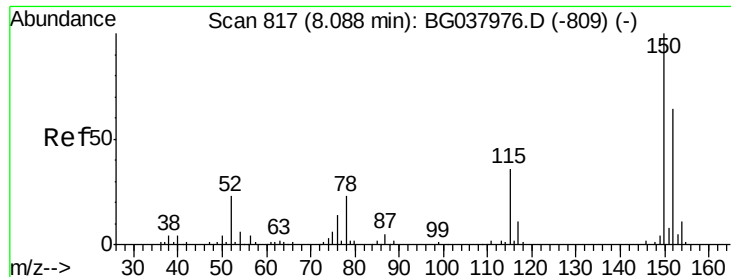
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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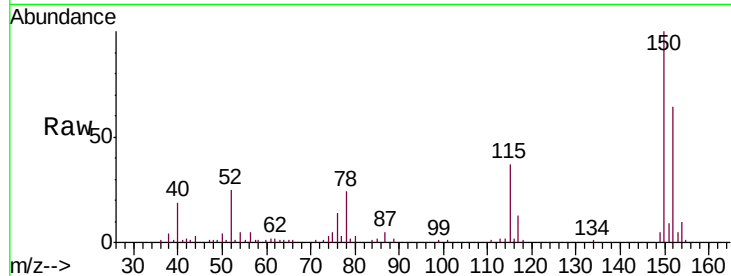


#1

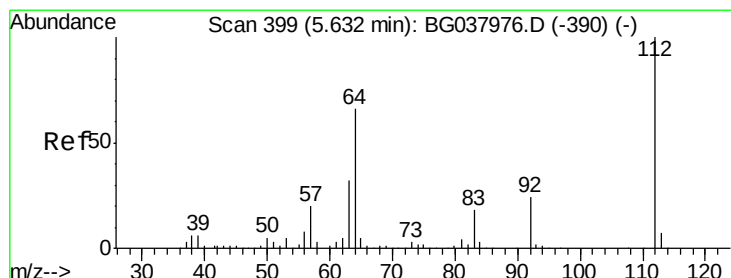
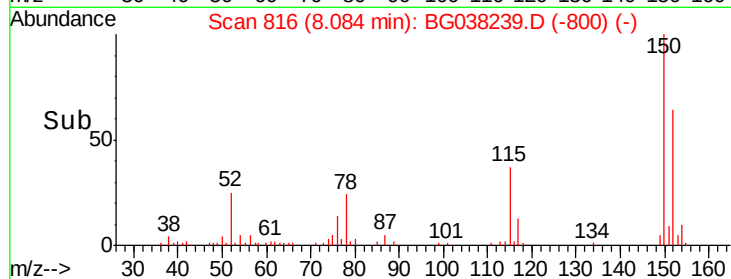
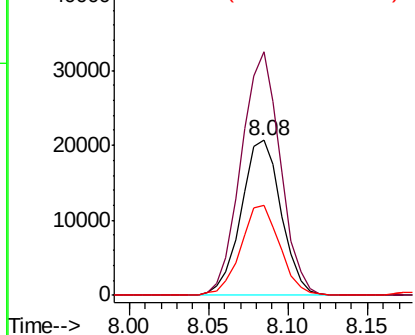
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038239.D
 Acq: 29 Nov 2018 19:01

Instrument :
 BNA_G
 ClientSampleId :
 BW-2072-112818

Tgt Ion:152 Resp: 36186
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.0 189.0
 115 57.8 45.5 68.3



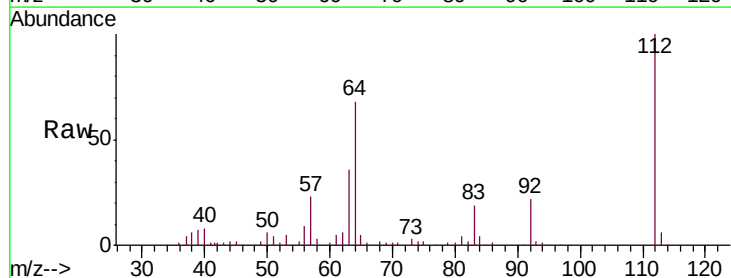
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



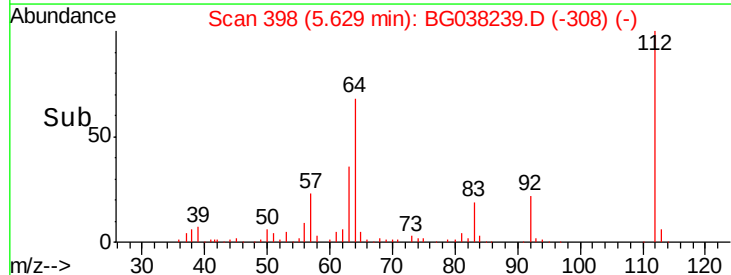
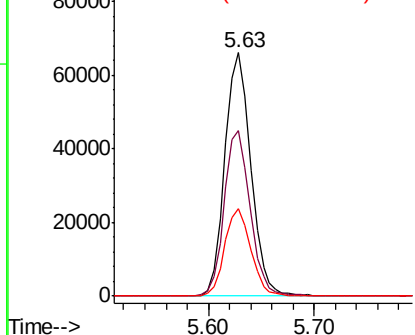
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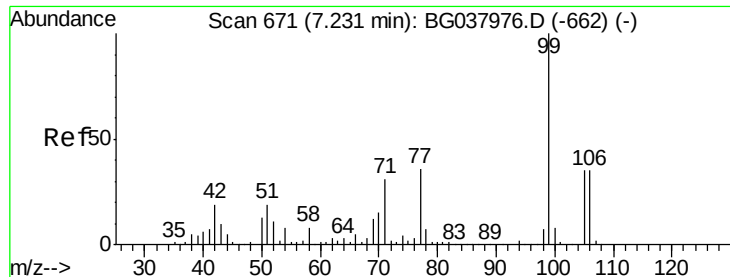
2-Fluorophenol
 Concen: 53.904 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038239.D
 Acq: 29 Nov 2018 19:01

Tgt Ion:112 Resp: 112975
 Ion Ratio Lower Upper
 112 100
 64 68.2 53.1 79.7
 63 36.1 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: 33.451 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038239.D

Acq: 29 Nov 2018 19:01

Instrument :

BNA_G

ClientSampleId :

BW-2072-112818

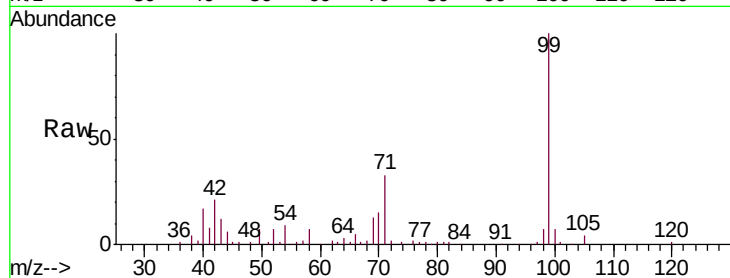
Tgt Ion: 99 Resp: 100075

Ion Ratio Lower Upper

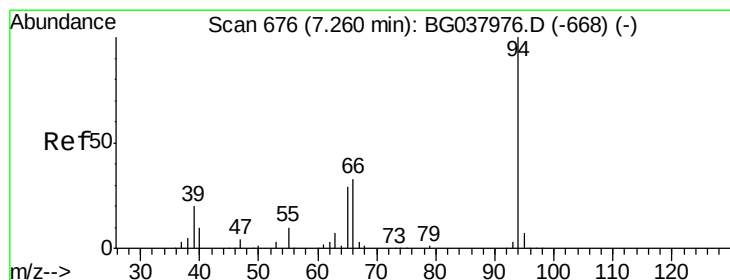
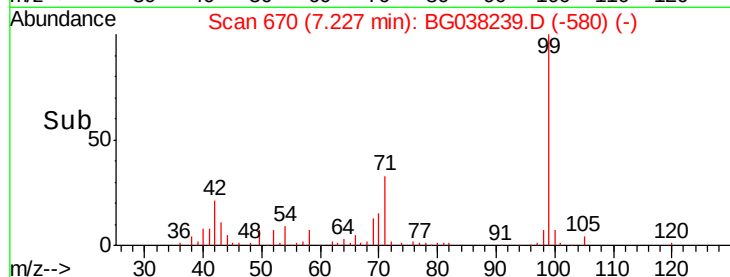
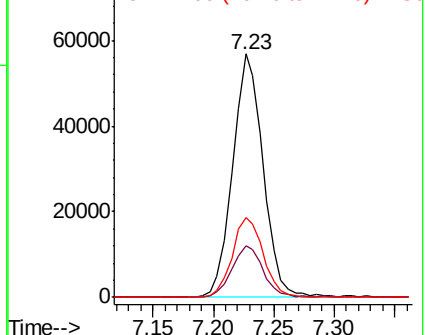
99 100

42 21.1 15.0 22.4

71 32.7 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



#10

Phenol

Concen: 2.076 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038239.D

Acq: 29 Nov 2018 19:01

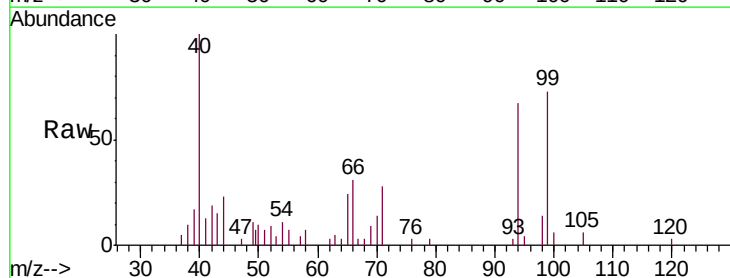
Tgt Ion: 94 Resp: 6579

Ion Ratio Lower Upper

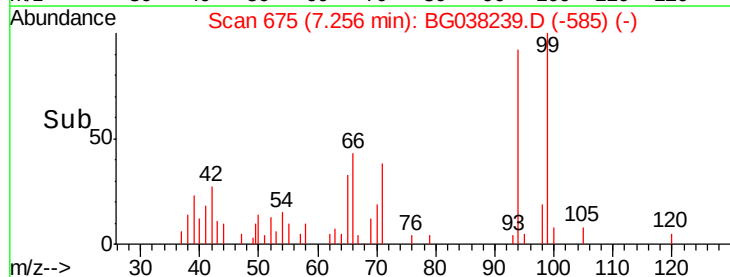
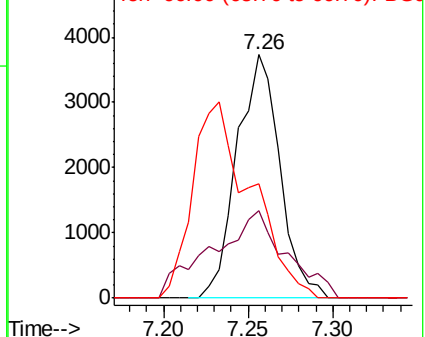
94 100

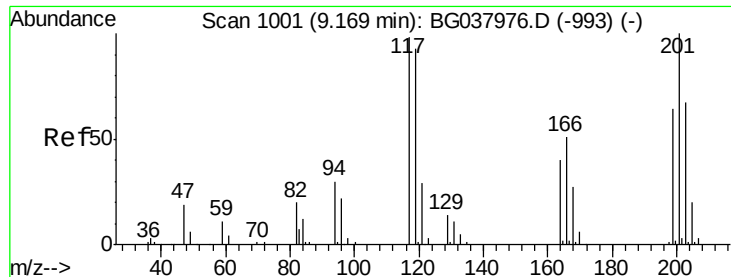
65 36.1 9.7 49.7

66 47.1 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

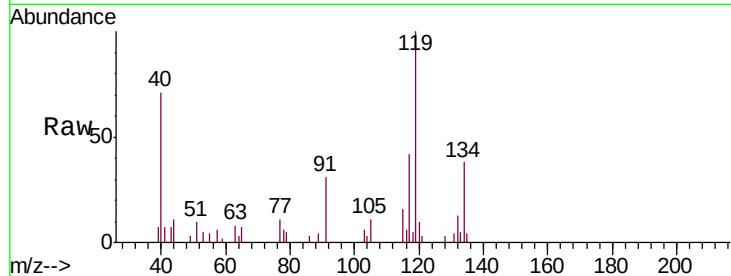




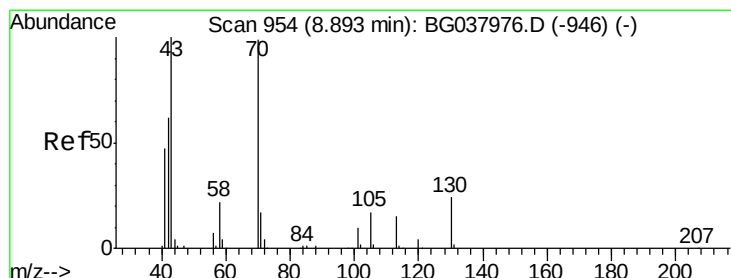
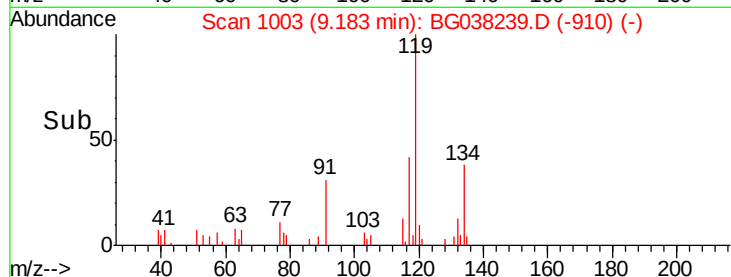
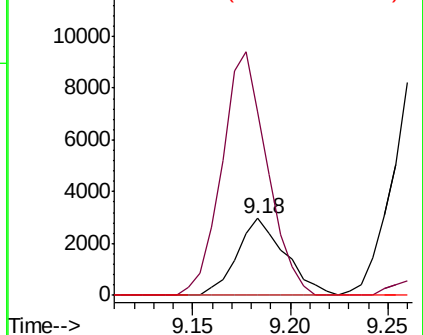
#18
Hexachloroethane
Concen: 4.896 ng
RT: 9.18 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BG038239.D
Acq: 29 Nov 2018 19:01

Instrument :
BNA_G
ClientSampleId :
BW-2072-112818

Tgt Ion: 117 Resp: 5043
Ion Ratio Lower Upper
117 100
119 238.9 74.6 111.8#
201 0.0 80.8 121.2#

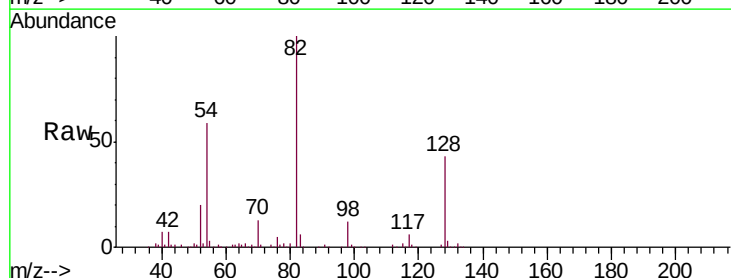


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

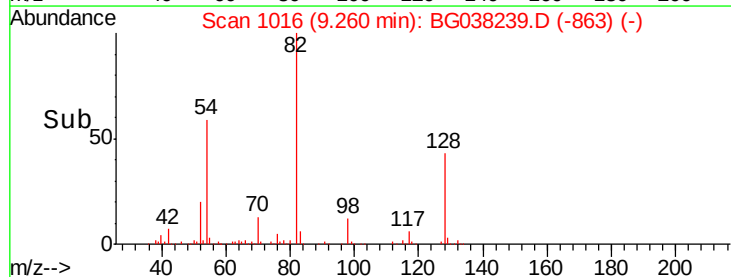
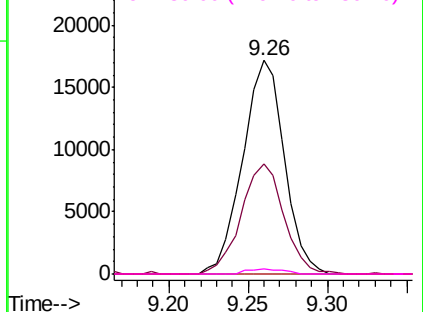


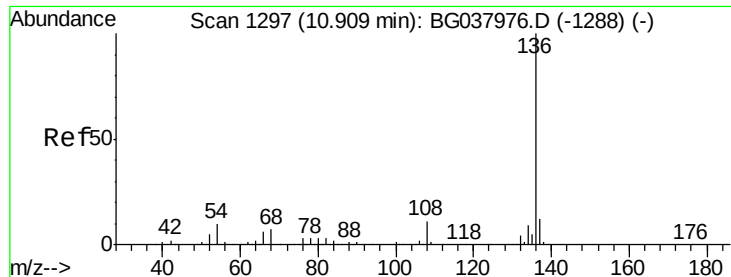
#19
n-Nitroso-di-n-propylamine
Concen: 14.427 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.37 min
Lab File: BG038239.D
Acq: 29 Nov 2018 19:01

Tgt Ion: 70 Resp: 31231
Ion Ratio Lower Upper
70 100
42 51.8 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): E
Ion 130.00 (129.70 to 130.70): E

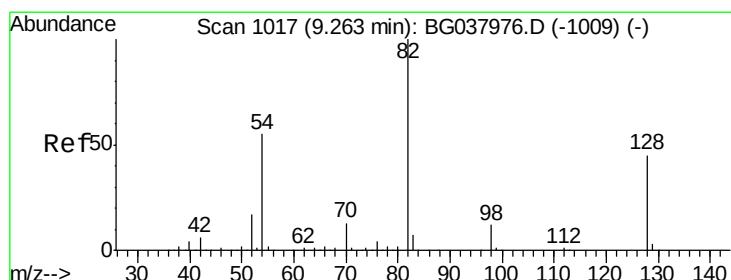
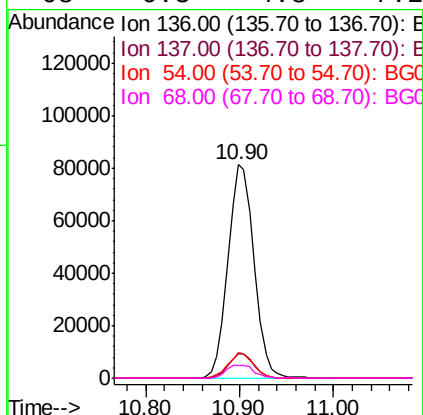
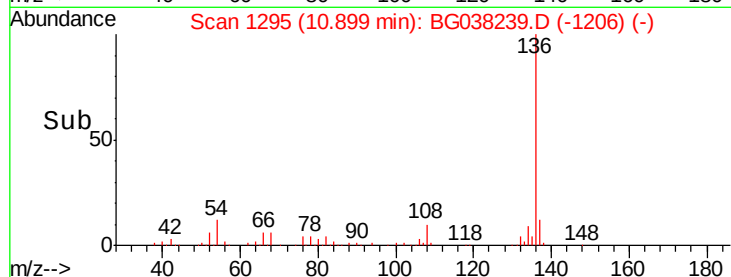
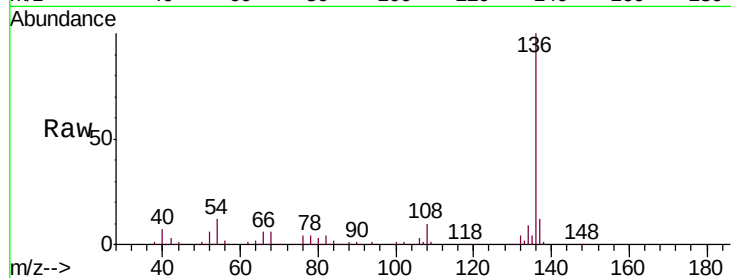




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038239.D
Acq: 29 Nov 2018 19:01

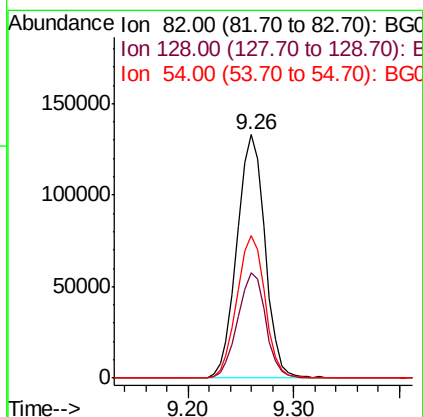
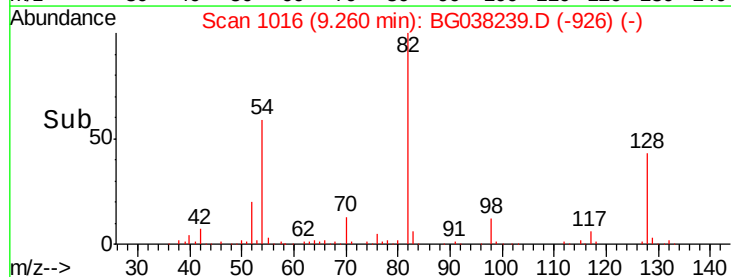
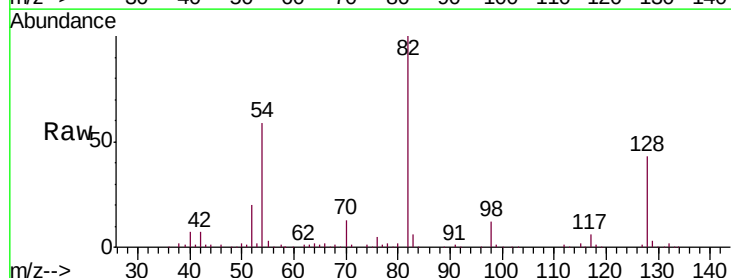
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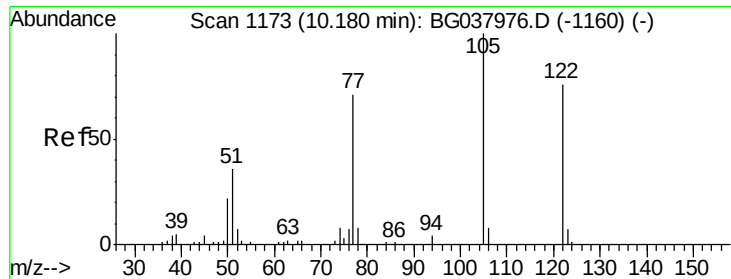
Tgt Ion:	136	Resp:	156108
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	11.9	7.9	11.9
68	6.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 83.662 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038239.D
Acq: 29 Nov 2018 19:01

Tgt Ion:	82	Resp:	243980
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	58.7	45.3	67.9

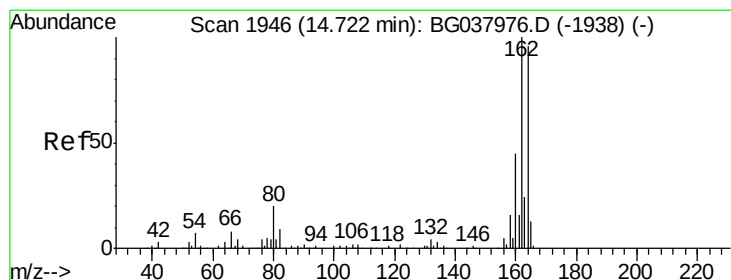
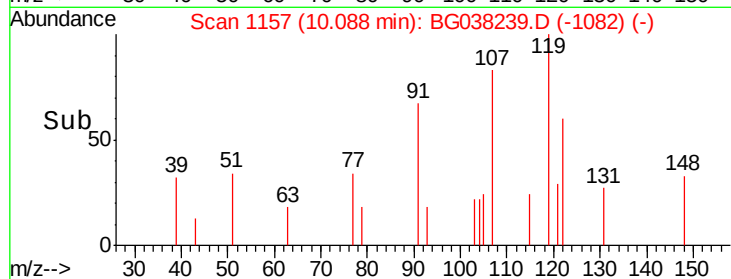
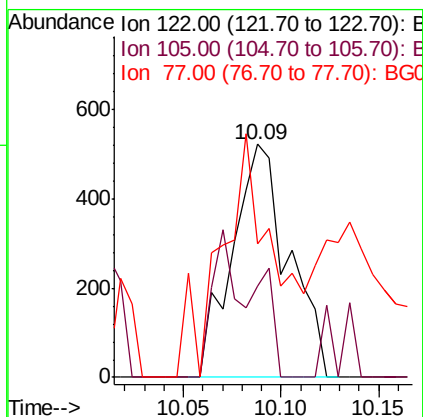
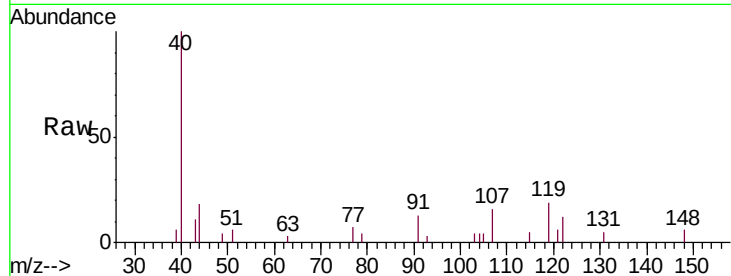




#32
Benzoic acid
Concen: 12.869 ng
RT: 10.09 min Scan# 1157
Delta R.T. -0.09 min
Lab File: BG038239.D
Acq: 29 Nov 2018 19:01

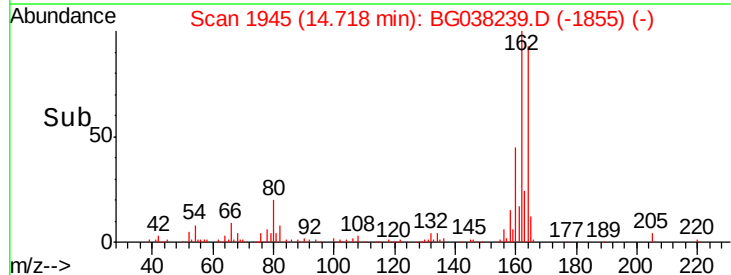
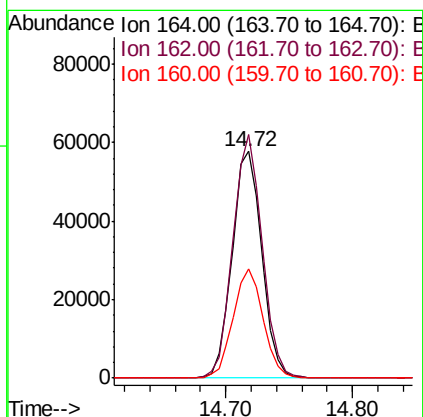
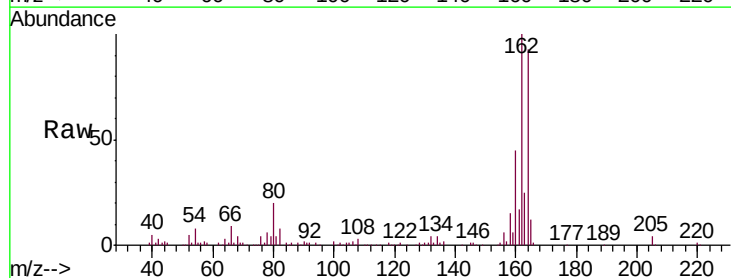
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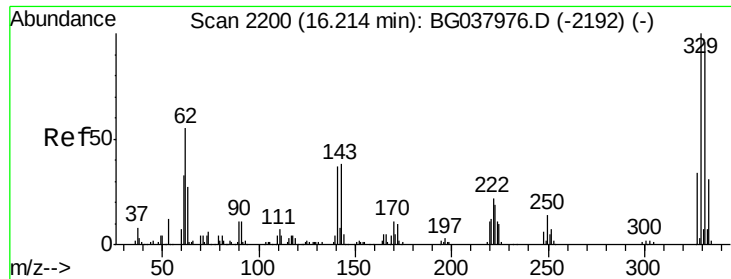
Tgt Ion:122 Resp: 1043
Ion Ratio Lower Upper
122 100
105 39.0 106.7 146.7#
77 57.2 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038239.D
Acq: 29 Nov 2018 19:01

Tgt Ion:164 Resp: 92897
Ion Ratio Lower Upper
164 100
162 107.5 81.3 121.9
160 48.2 36.3 54.5

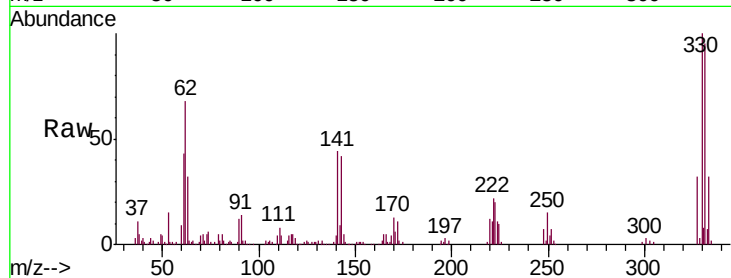




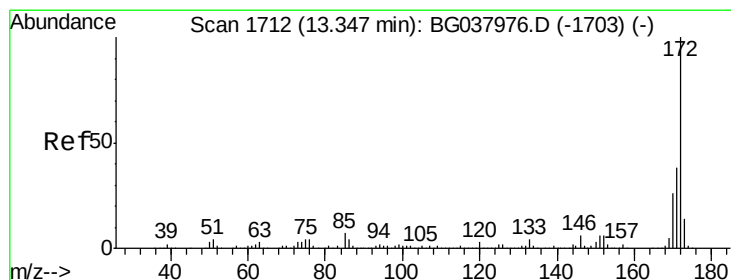
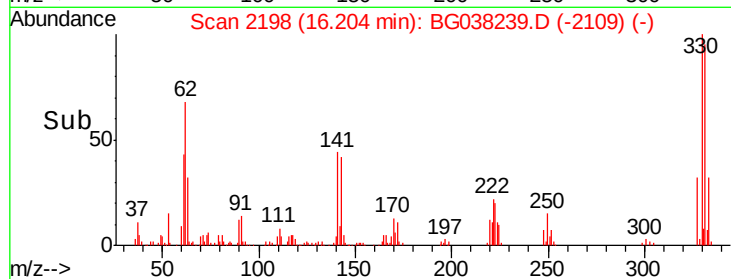
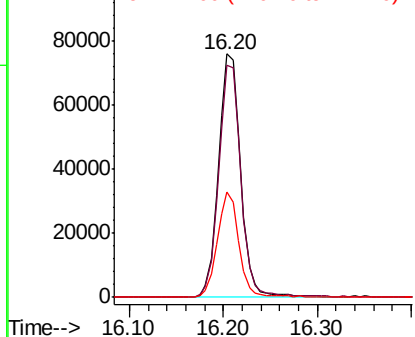
#42
 2,4,6-Tribromophenol
 Concen: 117.909 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038239.D
 Acq: 29 Nov 2018 19:01

Instrument :
 BNA_G
 ClientSampleId :
 BW-2072-112818

Tgt Ion:330 Resp: 124921
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.4 117.6
 141 41.4 32.2 48.2

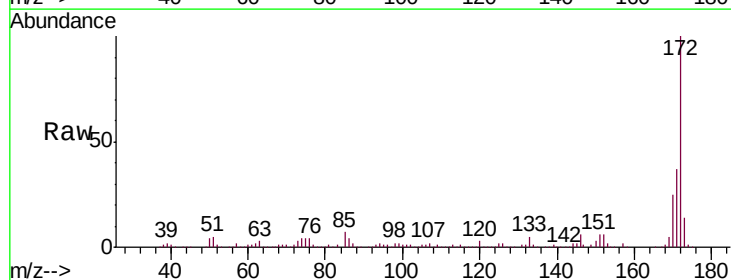


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

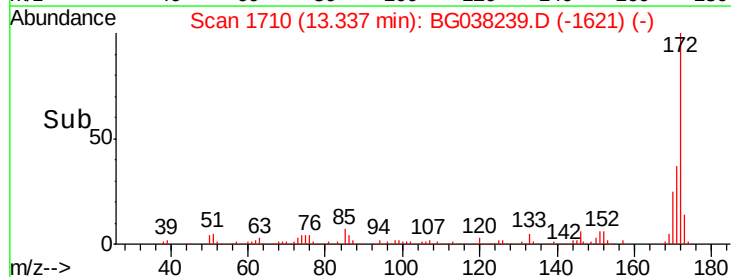
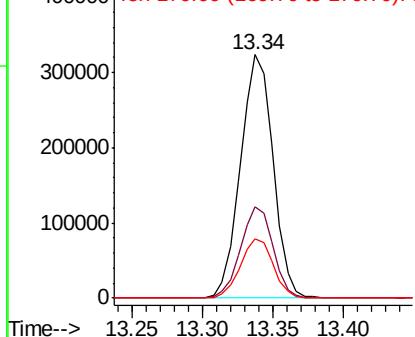


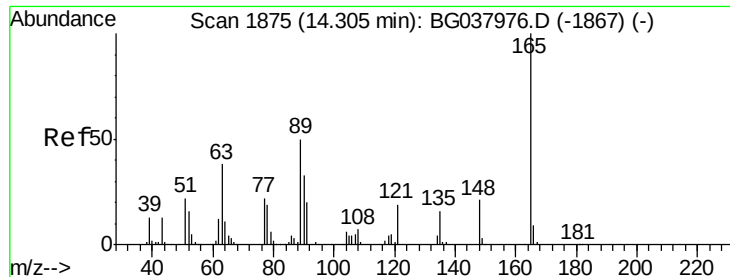
#45
 2-Fluorobiphenyl
 Concen: 82.196 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038239.D
 Acq: 29 Nov 2018 19:01

Tgt Ion:172 Resp: 524131
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.0 46.4
 170 24.6 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

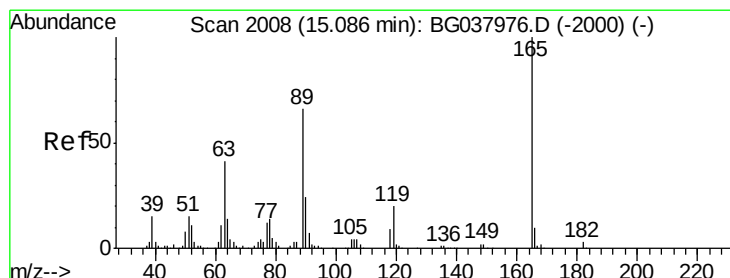
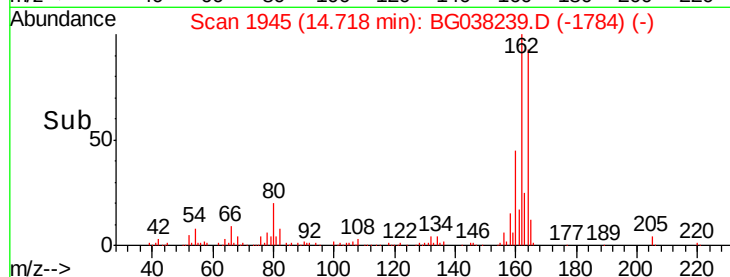
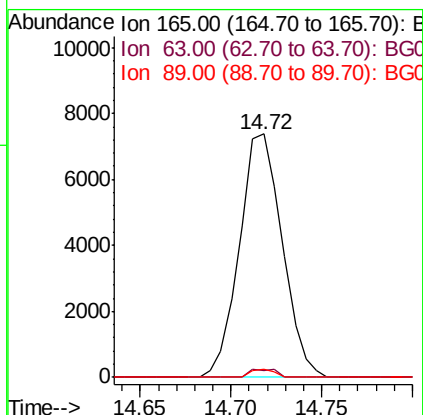
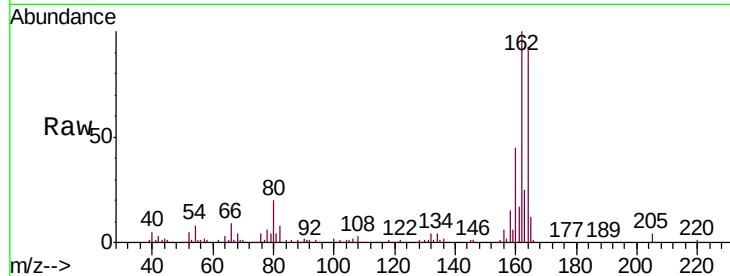




#51
 2,6-Dinitrotoluene
 Concen: 7.270 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038239.D
 Acq: 29 Nov 2018 19:01

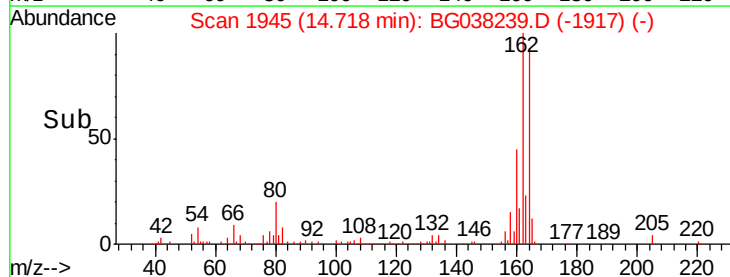
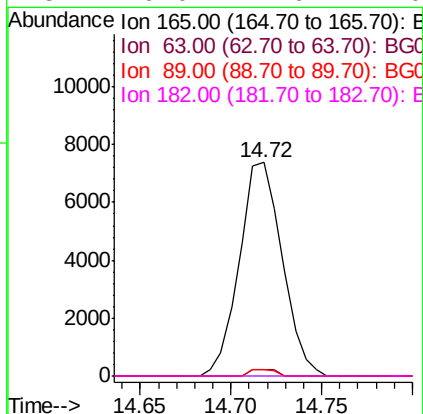
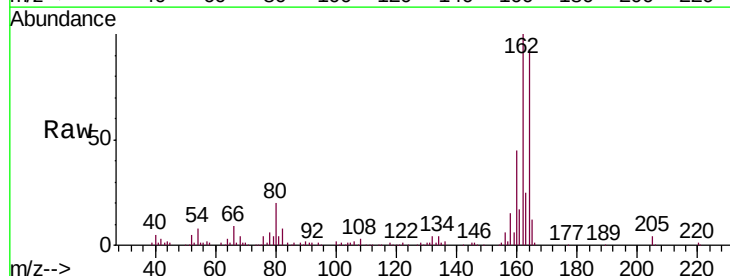
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 BW-2072-112818

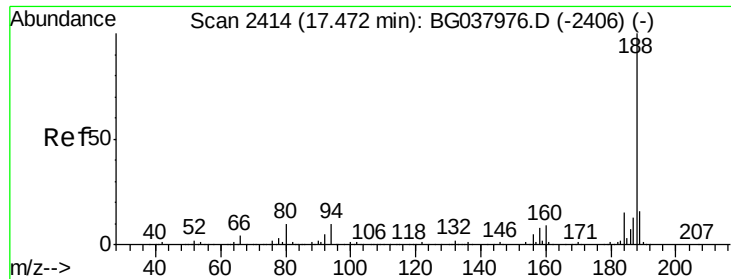
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	43.4	65.2#
89	3.1	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.343 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038239.D
 Acq: 29 Nov 2018 19:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	33.4	50.0#
89	3.1	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038239.D

Acq: 29 Nov 2018 19:01

Instrument :

BNA_G

ClientSampleId :

BW-2072-112818

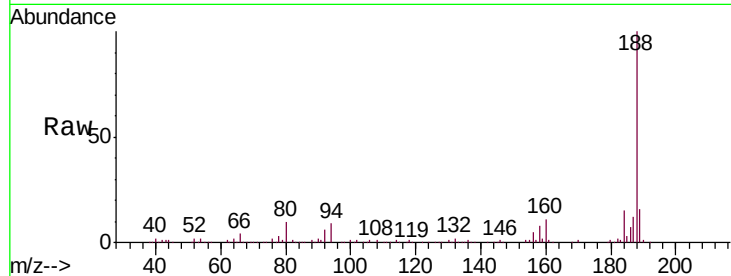
Tgt Ion:188 Resp: 203166

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

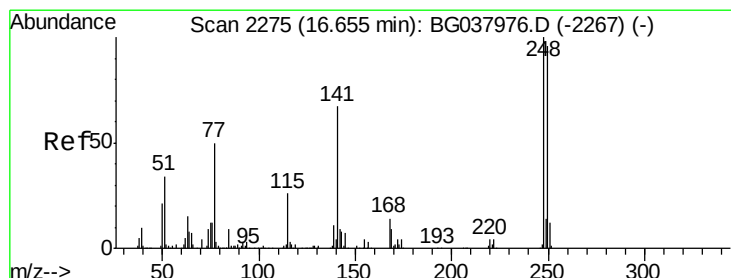
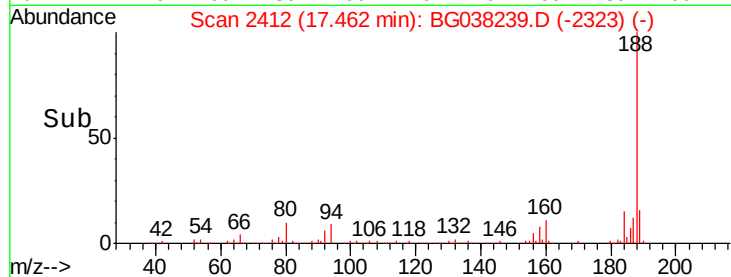
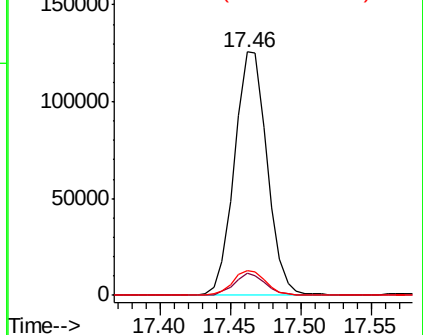
80 10.0 7.7 11.5



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: 3.887 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.45 min

Lab File: BG038239.D

Acq: 29 Nov 2018 19:01

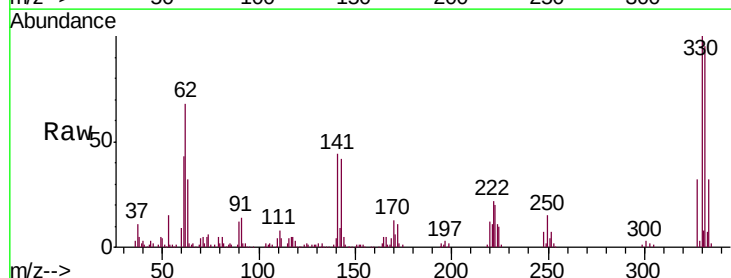
Tgt Ion:248 Resp: 8668

Ion Ratio Lower Upper

248 100

250 200.8 77.0 115.6#

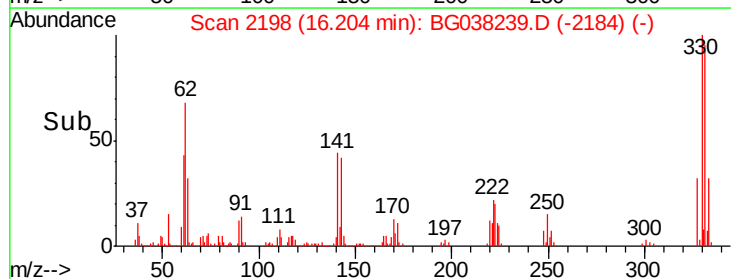
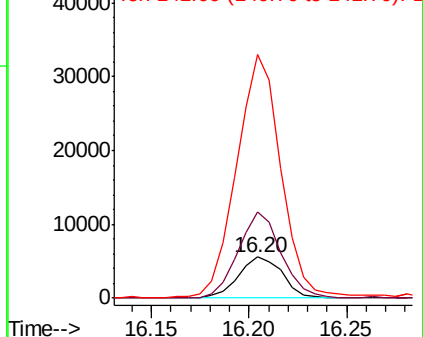
141 448.0 55.5 83.3#

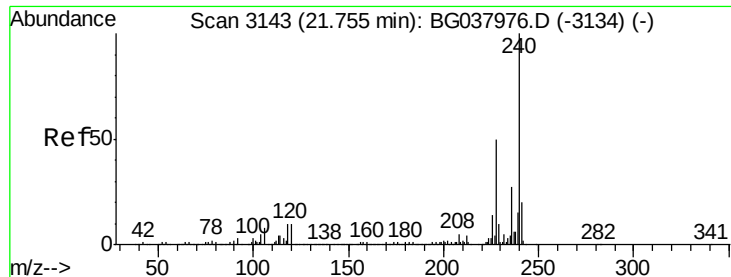


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

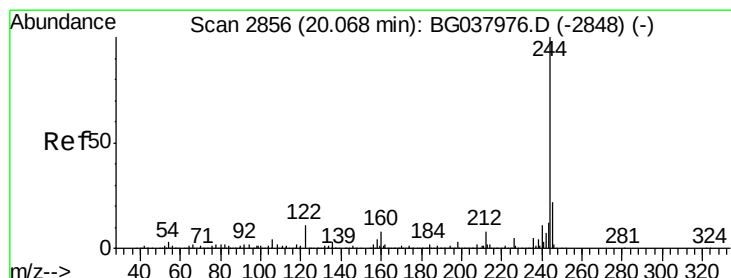
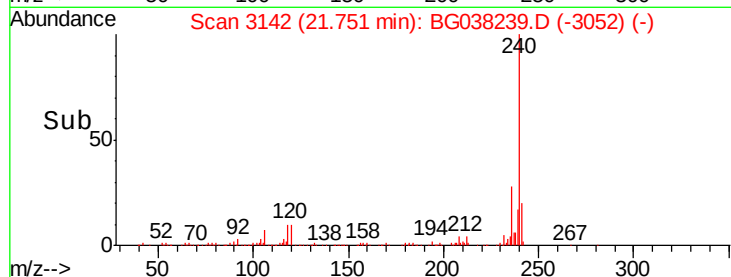
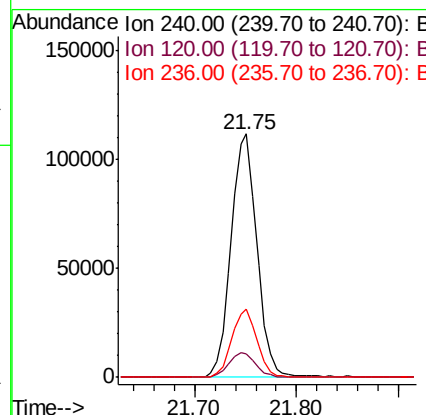
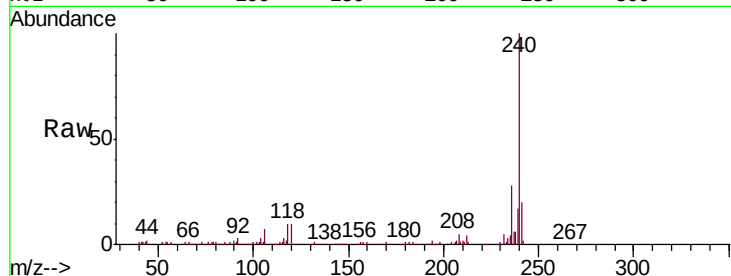




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038239.D
Acq: 29 Nov 2018 19:01

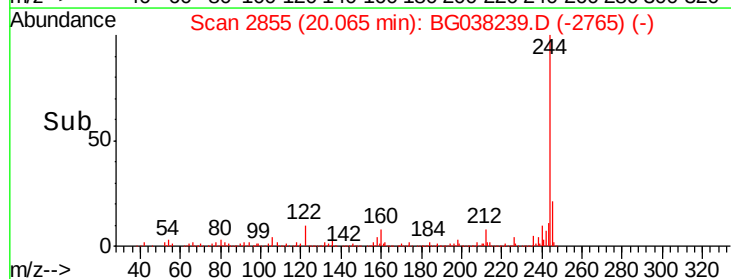
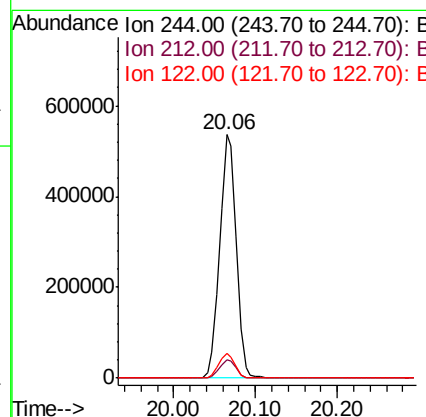
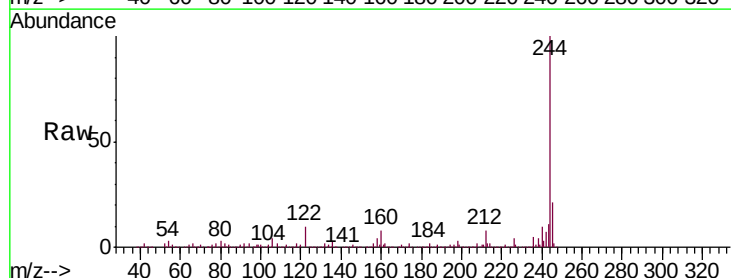
Instrument :
BNA_G
ClientSampleId :
BW-2072-112818

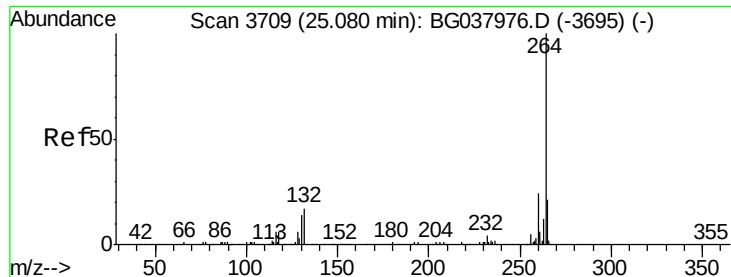
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	28.0	21.4	32.0



#79
Terphenyl-d14
Concen: 90.009 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038239.D
Acq: 29 Nov 2018 19:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	10.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038239.D
Acq: 29 Nov 2018 19:01

Instrument :
BNA_G
ClientSampleId :
BW-2072-112818

Tgt Ion:	264	Resp:	198633
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	22.0	17.9	26.9

