

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038273.D
 Acq On : 1 Dec 2018 1:54
 Operator : JU/SJ
 Sample : J5771-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-112918-A

Quant Time: Dec 01 04:35:32 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

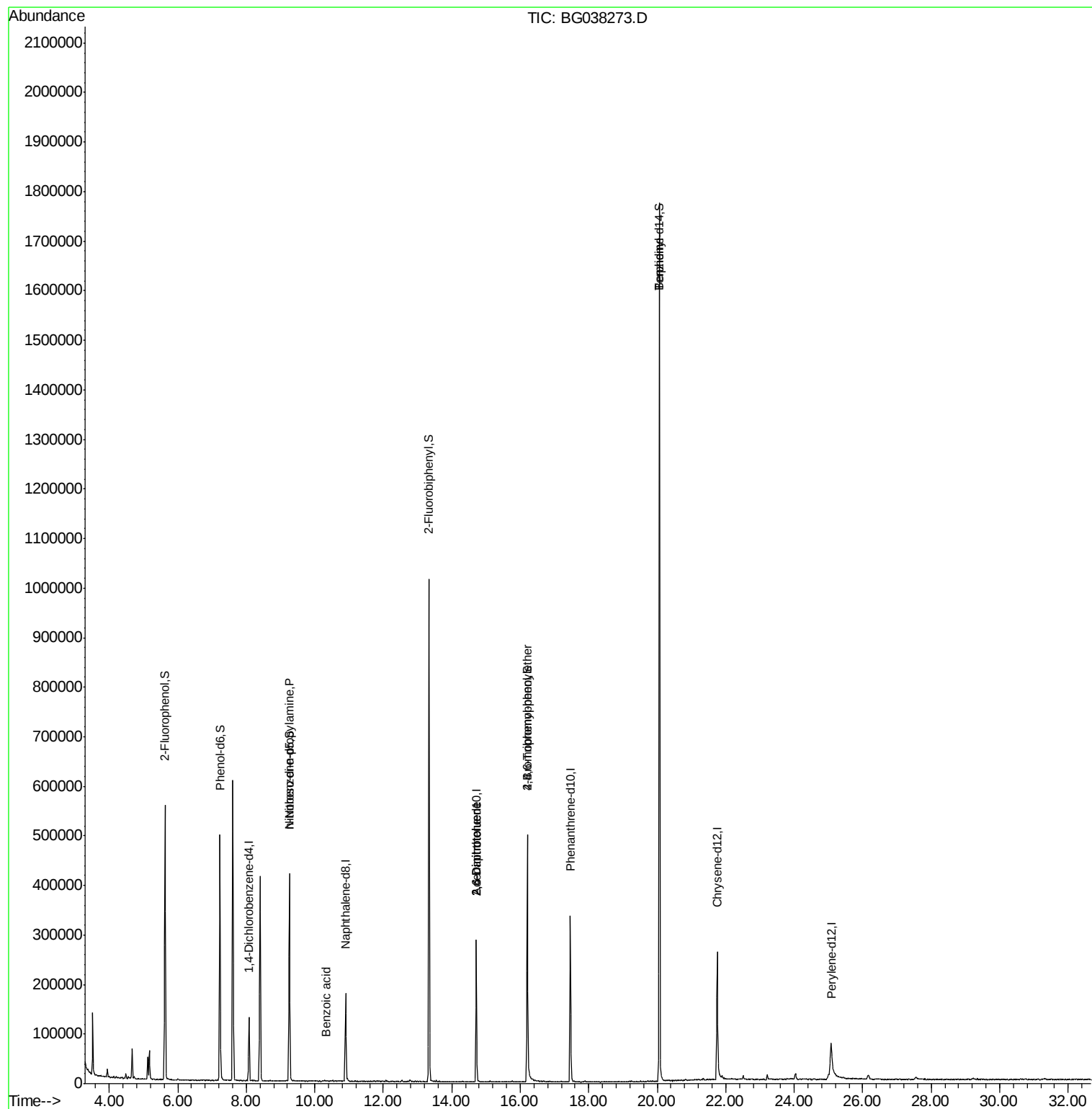
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36588	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	158454	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	98892	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	219954	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	202607	20.00	ng	0.00
87) Perylene-d12	25.07	264	148021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	241413	113.92	ng	0.00
7) Phenol-d6	7.23	99	294103	97.23	ng	0.00
23) Nitrobenzene-d5	9.26	82	255565	86.34	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	98436	87.28	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	539729	79.51	ng	-0.01
79) Terphenyl-d14	20.06	244	899196	104.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	33756	15.422	ng	# 78
32) Benzoic acid	10.34	122	59	12.363	ng	# 1
51) 2,6-Dinitrotoluene	14.72	165	12510	7.050	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	12510	5.182	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	7090	2.937	ng	# 1
77) Benzidine	20.06	184	15059	2.118	ng	# 94

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

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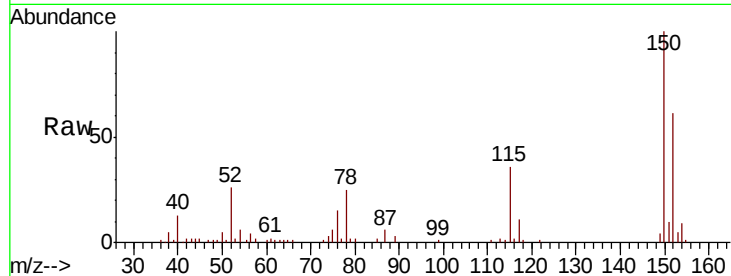


#1

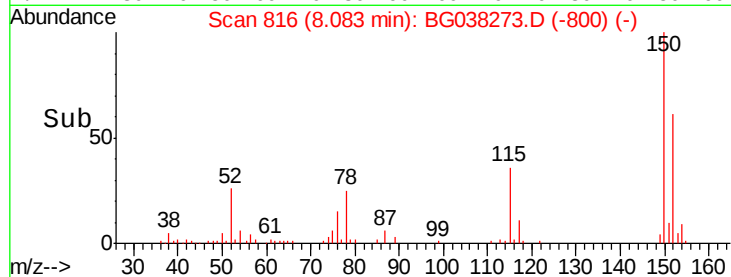
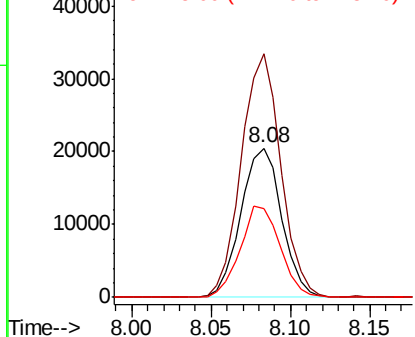
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038273.D
Acq: 1 Dec 2018 1:54

Instrument :
BNA_G
ClientSampleId :
EO-02-112918-A

Tot Ion:152 Resp: 36588
Ion Ratio Lower Upper
152 100
150 163.0 126.0 189.0
115 59.4 45.5 68.3



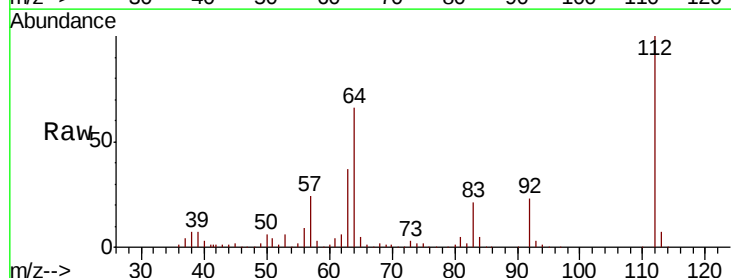
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



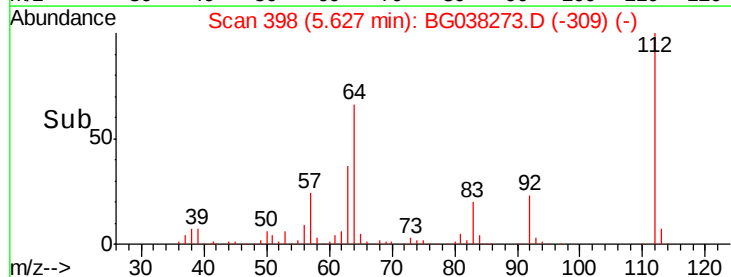
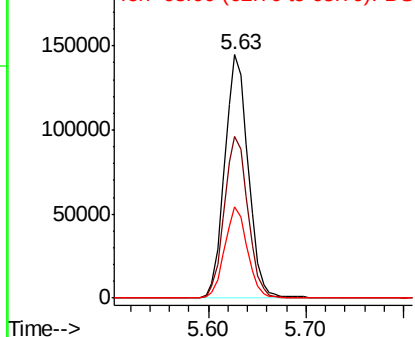
#5

2-Fluorophenol
Concen: 113.921 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038273.D
Acq: 1 Dec 2018 1:54

Tgt Ion:112 Resp: 241413
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 37.4 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 97.227 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038273.D

Acq: 1 Dec 2018 1:54

Instrument :

BNA_G

ClientSampleId :

EO-02-112918-A

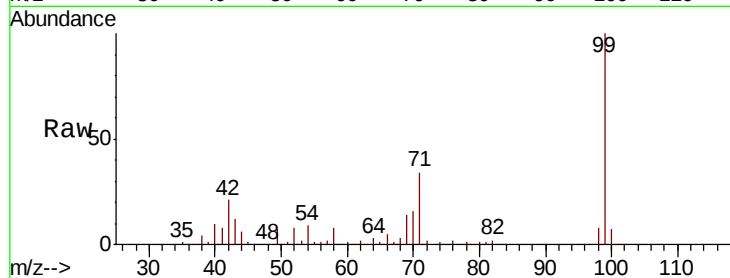
Tot Ion: 99 Resp: 294103

Ion Ratio Lower Upper

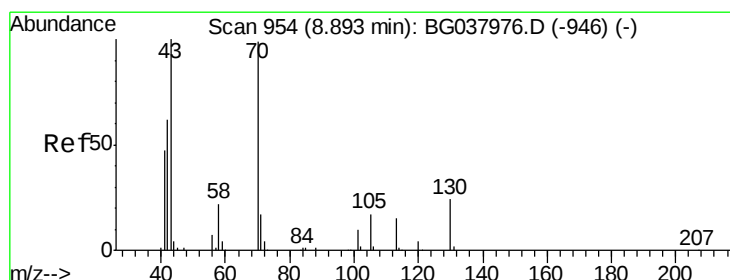
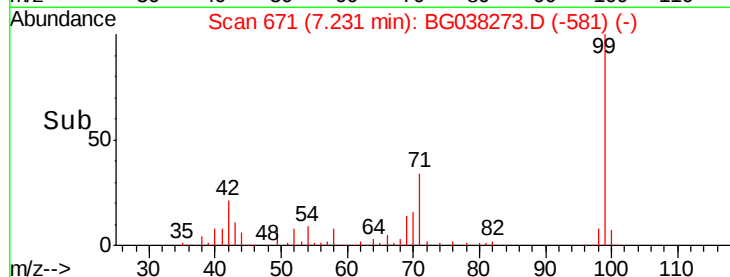
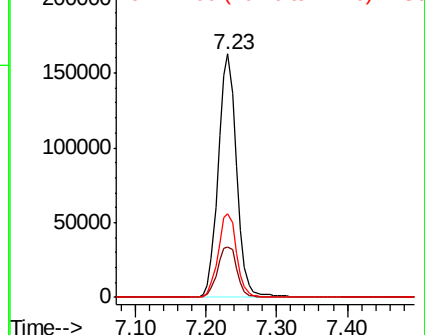
99 100

42 20.8 15.0 22.4

71 34.3 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: 15.422 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038273.D

Acq: 1 Dec 2018 1:54

Tgt Ion: 70 Resp: 33756

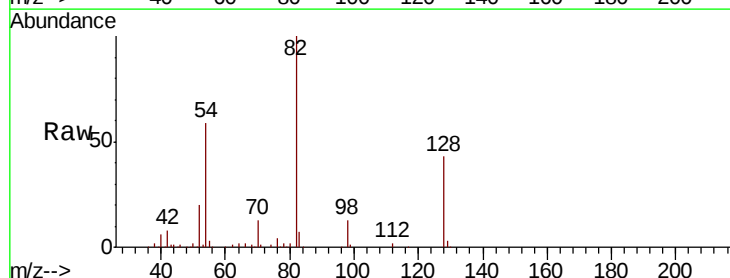
Ion Ratio Lower Upper

70 100

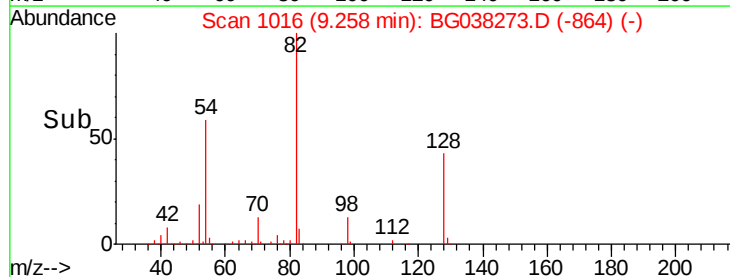
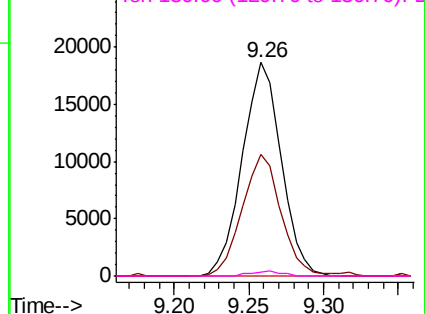
42 56.8 53.9 80.9

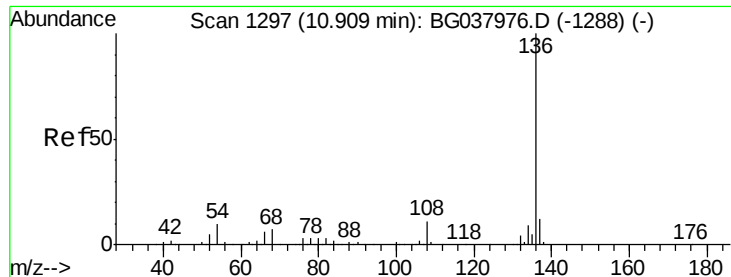
101 0.0 8.2 12.2#

130 1.6 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: BG038273.D

Acq: 1 Dec 2018 1:54

Instrument :

BNA_G

ClientSampleId :

EO-02-112918-A

Tot Ion:136 Resp: 158454

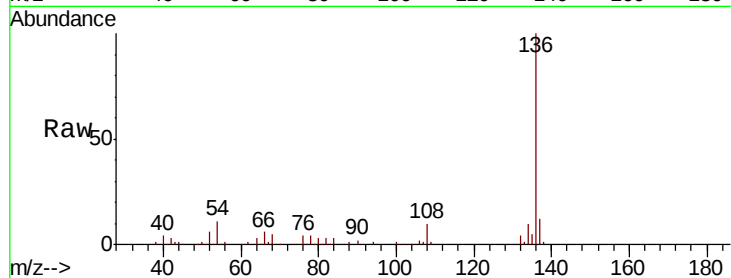
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 11.2 7.9 11.9

68 5.5 4.8 7.2

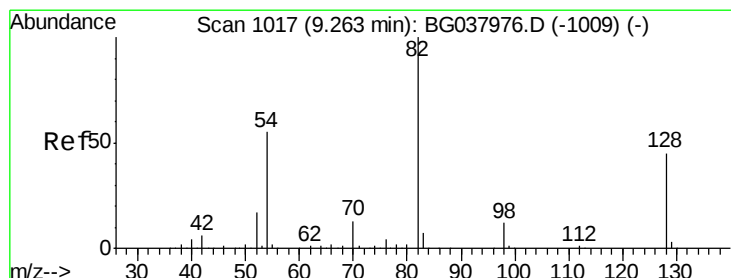
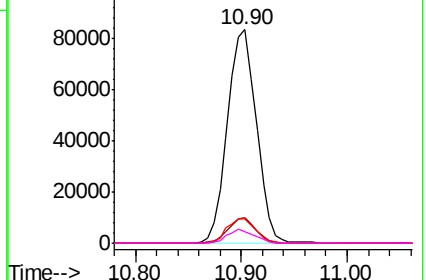
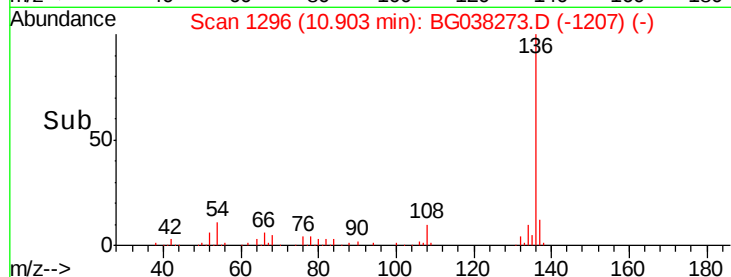


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 86.337 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG038273.D

Acq: 1 Dec 2018 1:54

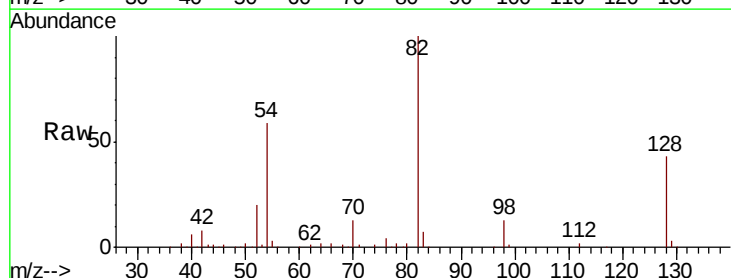
Tgt Ion: 82 Resp: 255565

Ion Ratio Lower Upper

82 100

128 43.1 34.6 51.8

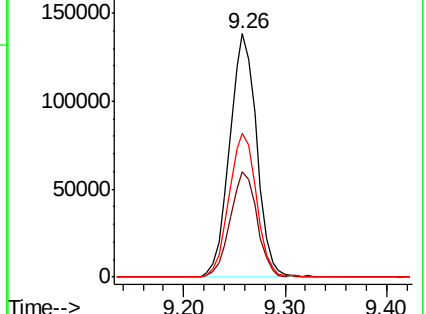
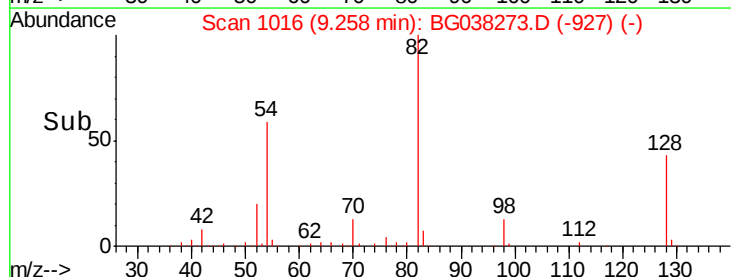
54 58.8 45.3 67.9

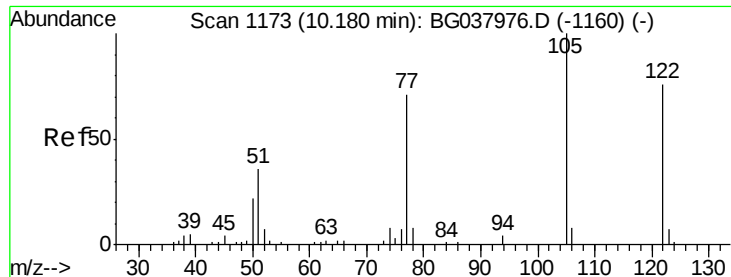


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

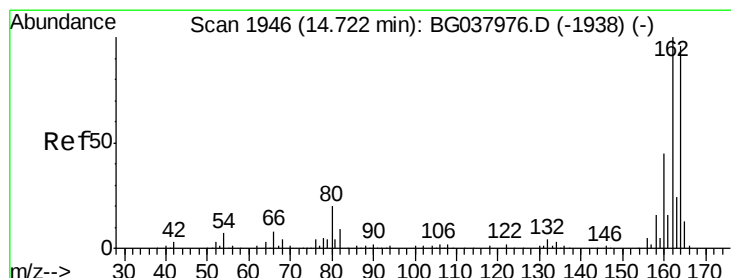
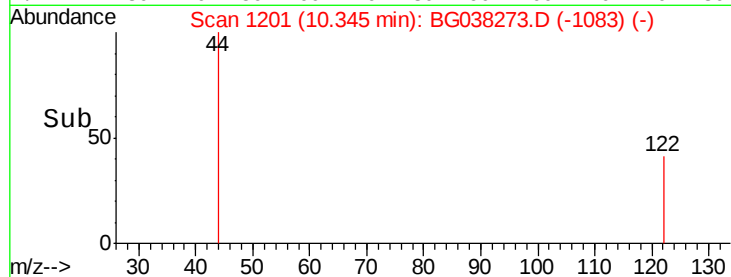
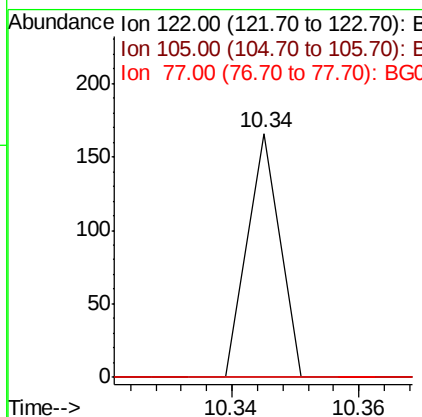
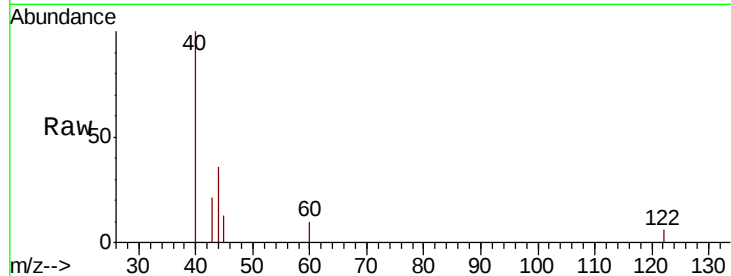




#32
Benzoic acid
Concen: 12.363 ng
RT: 10.34 min Scan# 1201
Delta R.T. 0.16 min
Lab File: BG038273.D
Acq: 1 Dec 2018 1:54

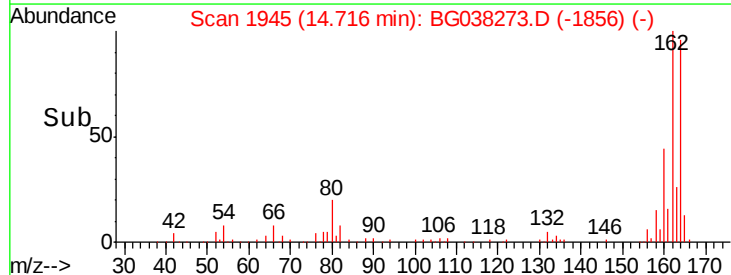
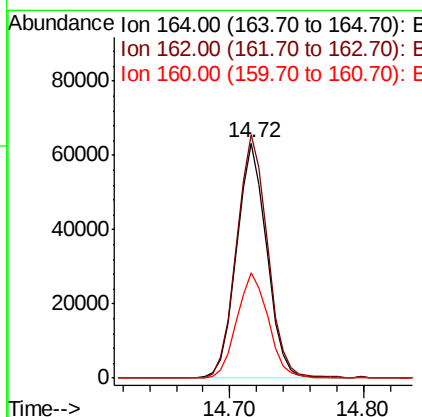
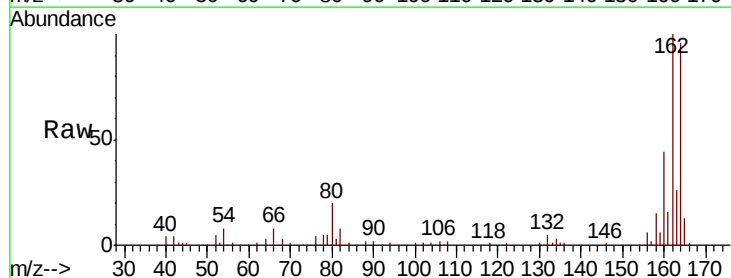
Instrument :
BNA_G
ClientSampleId :
EO-02-112918-A

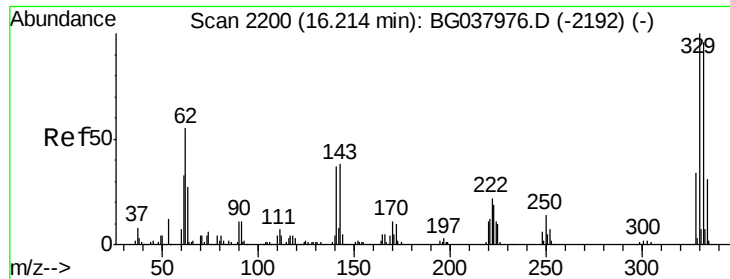
Tot Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 106.7 146.7#
77 0.0 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038273.D
Acq: 1 Dec 2018 1:54

Tgt Ion:164 Resp: 98892
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 45.1 36.3 54.5

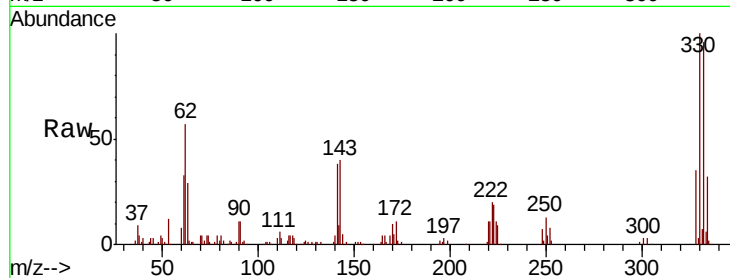




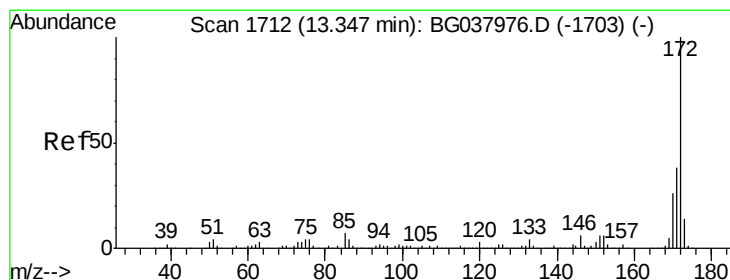
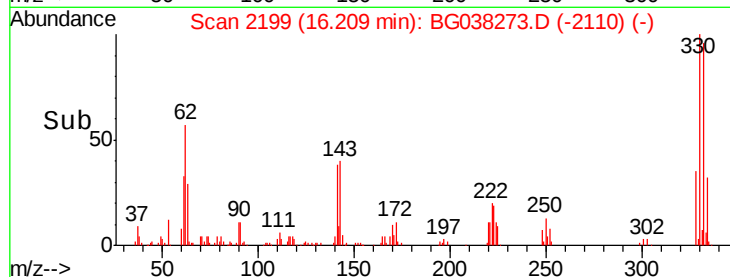
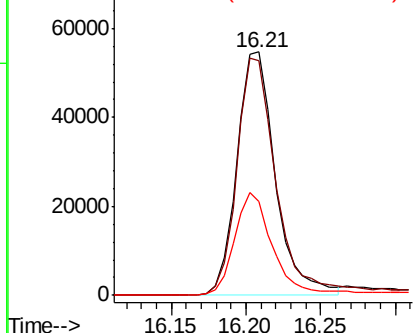
#42
 2,4,6-Tribromophenol
 Concen: 87.278 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038273.D
 Acq: 1 Dec 2018 1:54

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-112918-A

Tot Ion:330 Resp: 98436
 Ion Ratio Lower Upper
 330 100
 332 100.2 78.4 117.6
 141 42.3 32.2 48.2

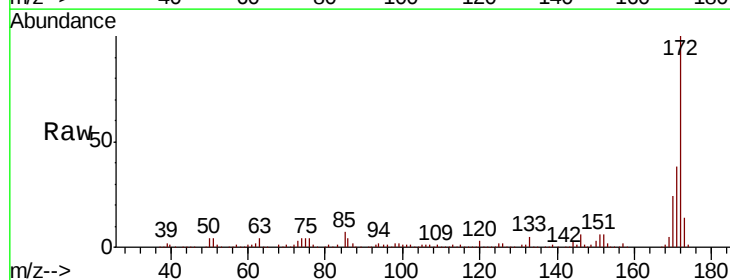


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

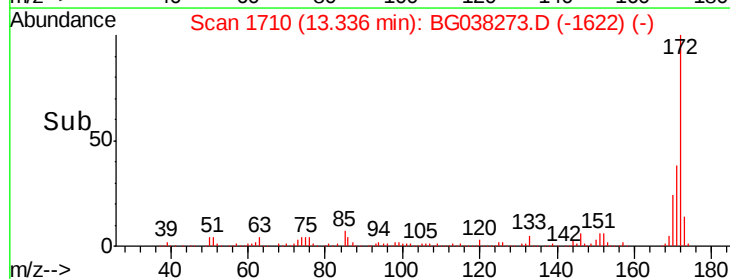
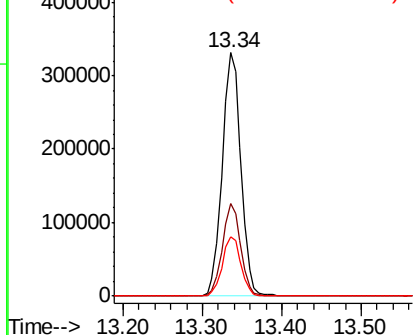


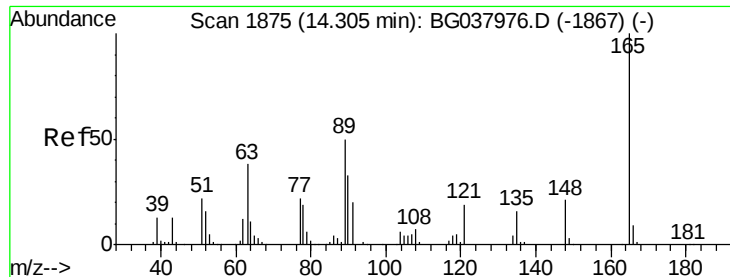
#45
 2-Fluorobiphenyl
 Concen: 79.511 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038273.D
 Acq: 1 Dec 2018 1:54

Tgt Ion:172 Resp: 539729
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 24.4 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

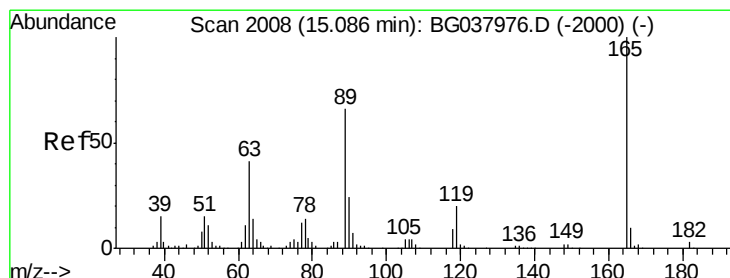
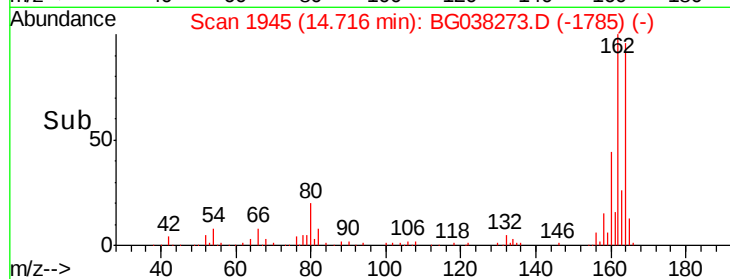
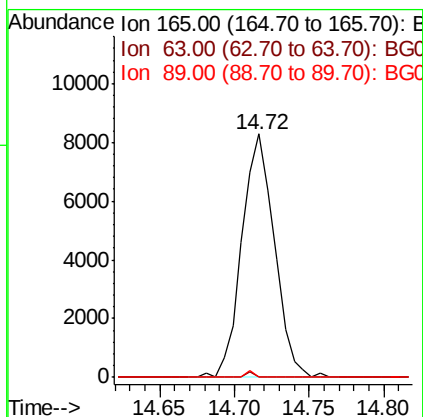
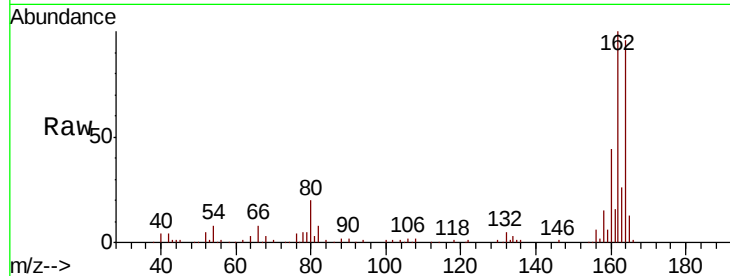




#51
 2,6-Dinitrotoluene
 Concen: 7.050 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038273.D
 Acq: 1 Dec 2018 1:54

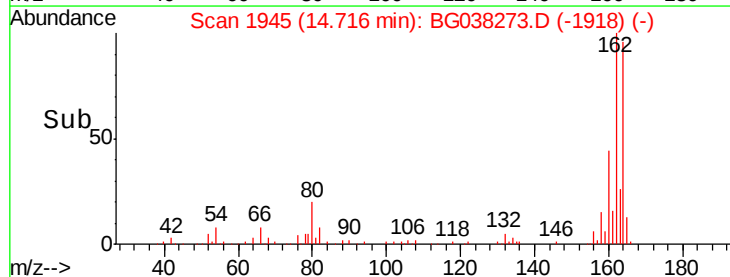
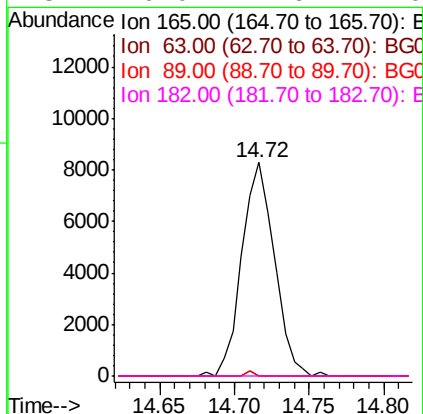
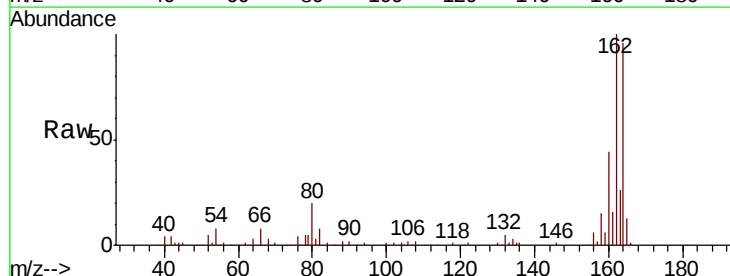
Instrument :
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 EO-02-112918-A

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: 5.182 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038273.D
 Acq: 1 Dec 2018 1:54

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#

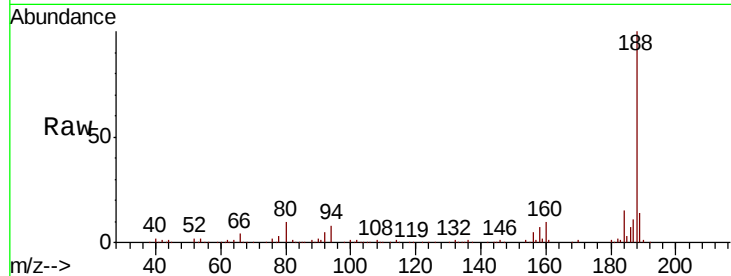




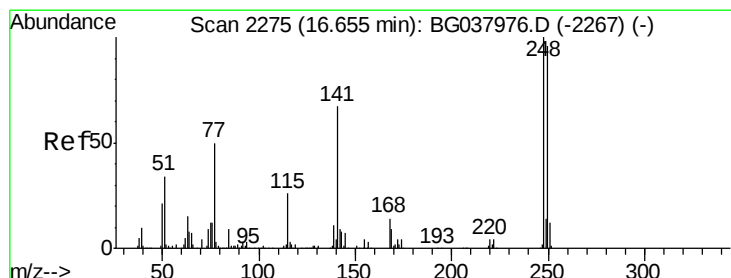
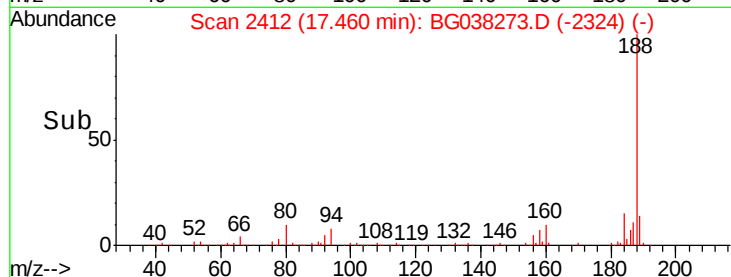
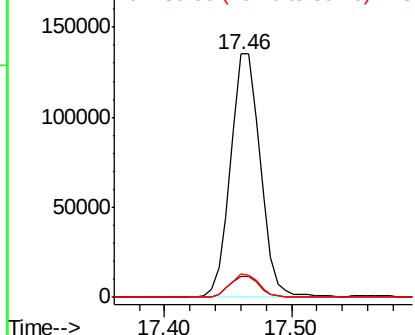
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038273.D
 Acq: 1 Dec 2018 1:54

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-112918-A

Tot Ion:188 Resp: 219954
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.2 10.8
 80 9.7 7.7 11.5

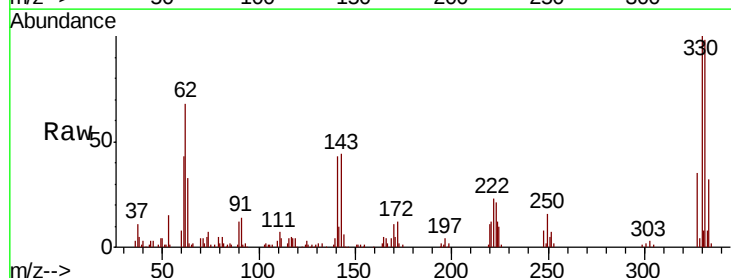


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

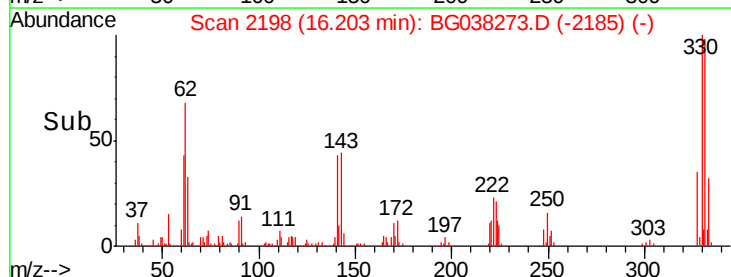
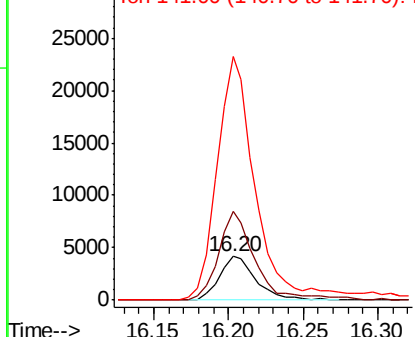


#67
 4-Bromophenyl-phenylether
 Concen: 2.937 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038273.D
 Acq: 1 Dec 2018 1:54

Tgt Ion:248 Resp: 7090
 Ion Ratio Lower Upper
 248 100
 250 210.1 77.0 115.6#
 141 434.6 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

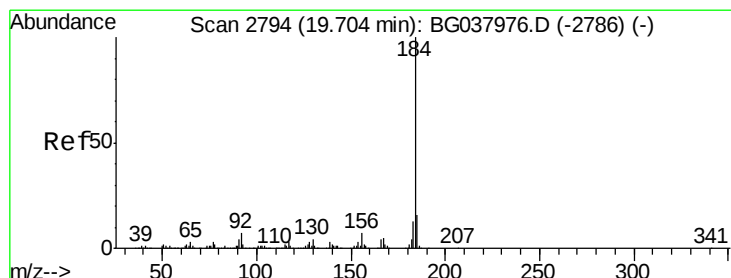
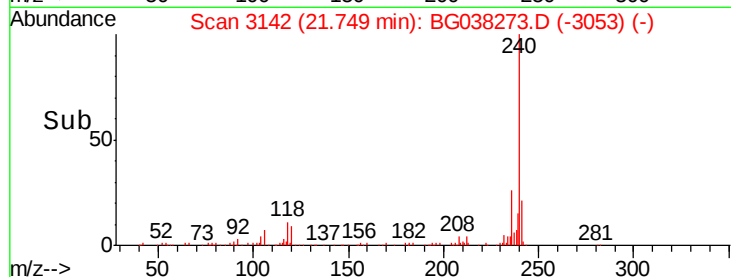
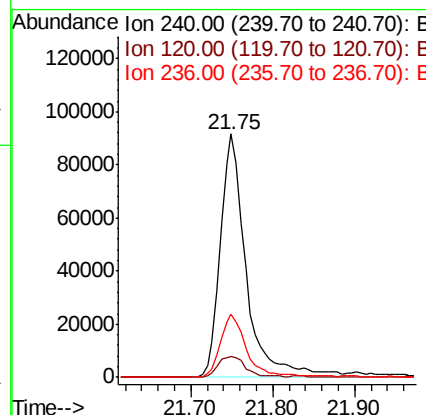
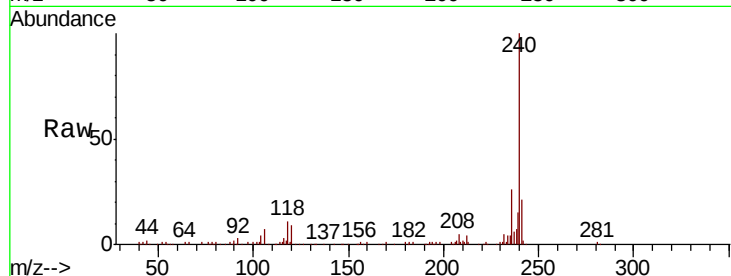




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038273.D
Acq: 1 Dec 2018 1:54

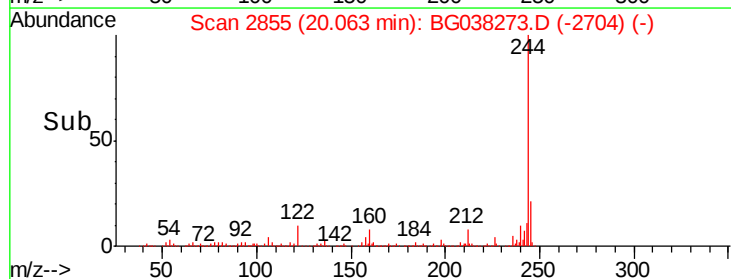
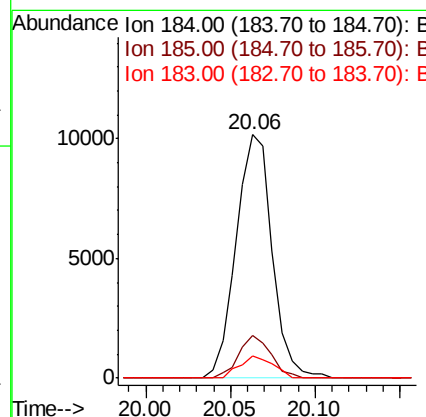
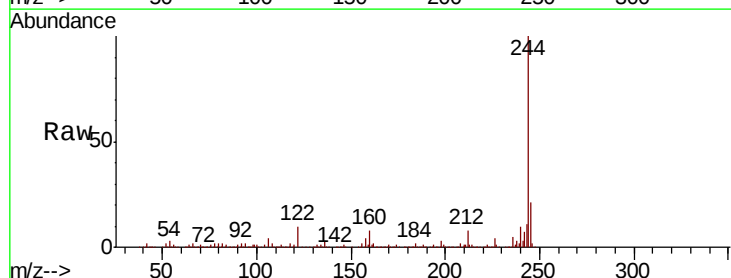
Instrument :
BNA_G
ClientSampleId :
EO-02-112918-A

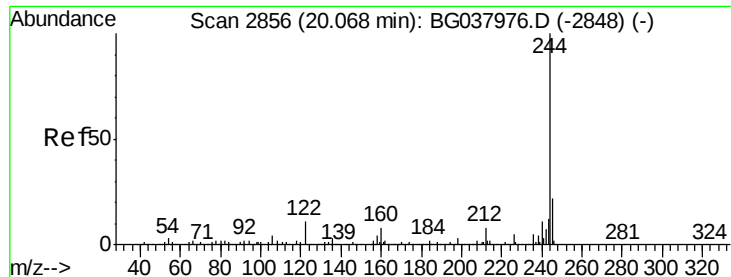
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.1	12.1
236	26.0	21.4	32.0



#77
Benzidine
Concen: 2.118 ng
RT: 20.06 min Scan# 2855
Delta R.T. 0.36 min
Lab File: BG038273.D
Acq: 1 Dec 2018 1:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.6	18.8
183	9.1	10.2	15.2#





#79

Terphenyl-d14

Concen: 104.430 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038273.D

Acq: 1 Dec 2018 1:54

Instrument :

BNA_G

ClientSampleId :

EO-02-112918-A

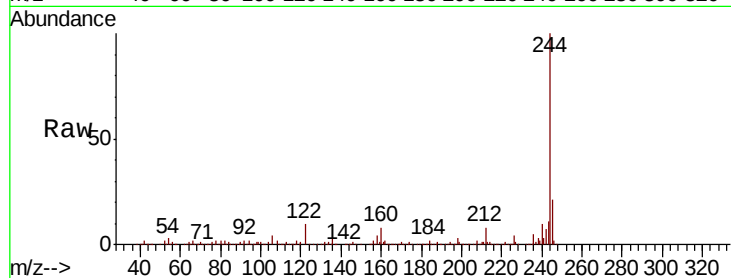
Tot Ion:244 Resp: 899196

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

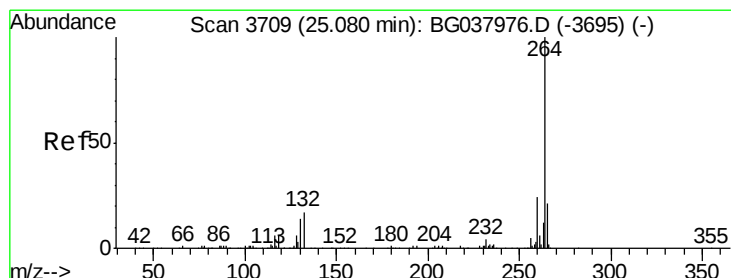
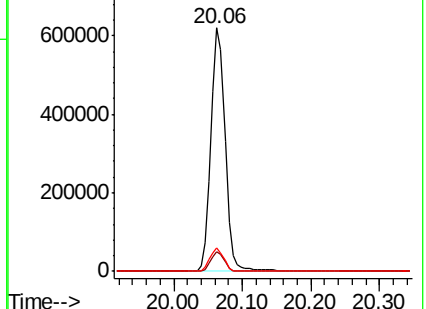
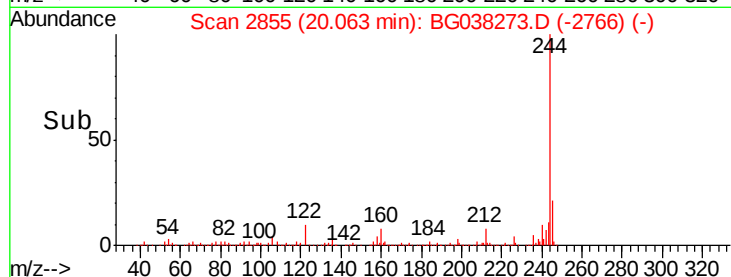
122 9.8 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038273.D

Acq: 1 Dec 2018 1:54

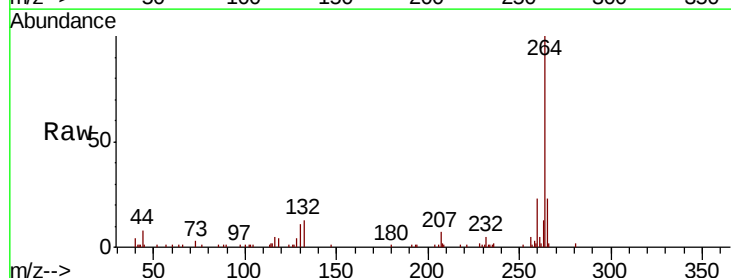
Tgt Ion:264 Resp: 148021

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 22.6 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

