

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120518\
 Data File : BG038370.D
 Acq On : 5 Dec 2018 22:26
 Operator : JU/SJ
 Sample : J6151-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112918-TIPC-E-U-M

Quant Time: Dec 06 04:10:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

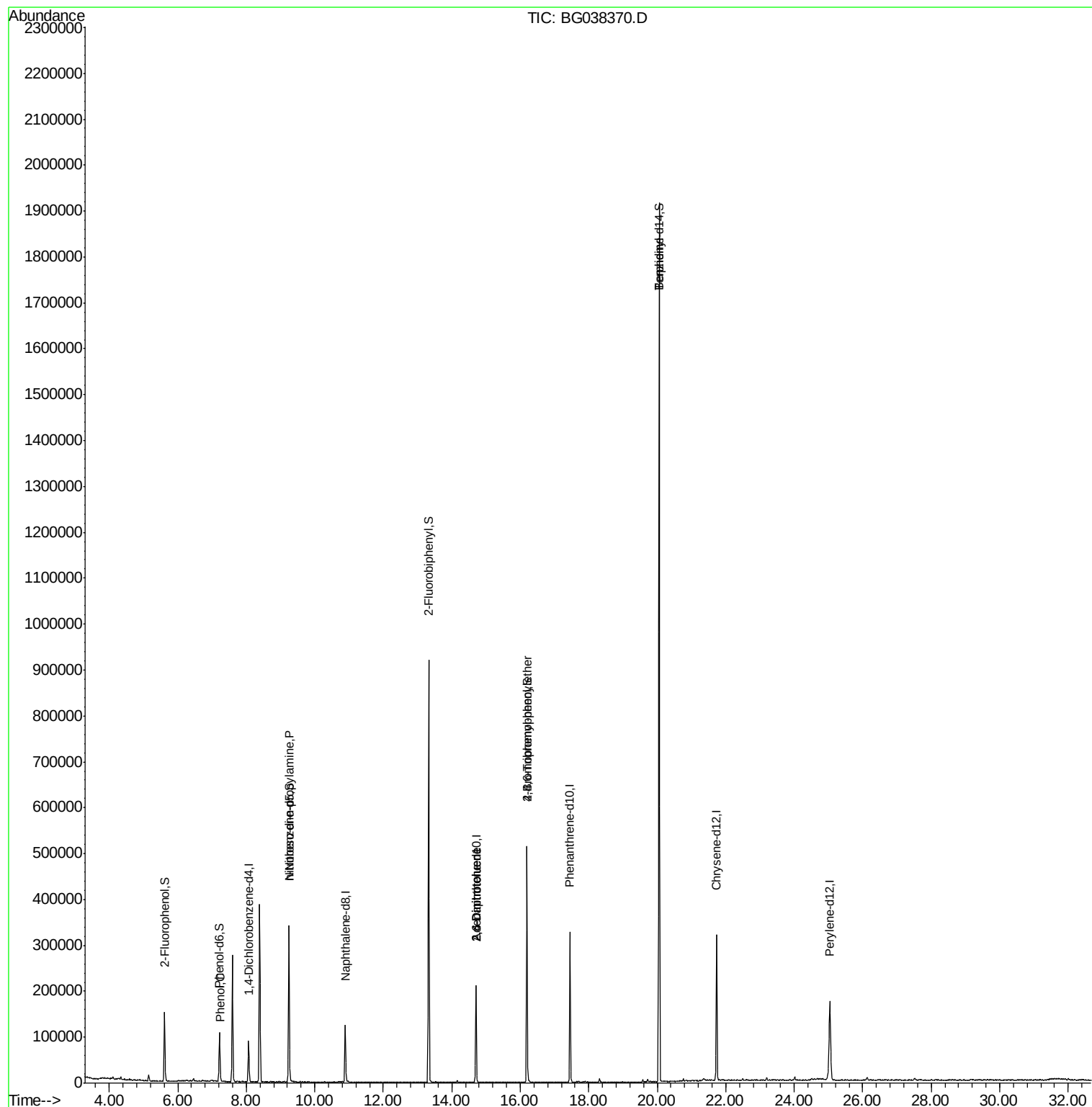
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25821	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	117631	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	77899	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	211505	20.00	ng	0.00
76) Chrysene-d12	21.73	240	195565	20.00	ng	-0.01
87) Perylene-d12	25.04	264	206949	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	68222	46.76	ng	0.00
7) Phenol-d6	7.21	99	64443	30.56	ng	-0.01
23) Nitrobenzene-d5	9.25	82	210936	89.03	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	96835	101.26	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	512050	93.66	ng	0.00
79) Terphenyl-d14	20.06	244	908541	99.52	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6094	2.735	ng	84
19) n-Nitroso-di-n-propylamine	9.25	70	27870	16.864	ng	# 77
51) 2,6-Dinitrotoluene	14.70	165	10348	7.250	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	10348	5.257	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6352	2.781	ng	# 1
77) Benzidine	20.06	184	16204	2.455	ng	99

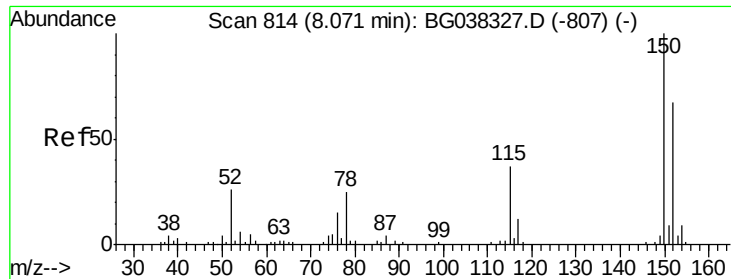
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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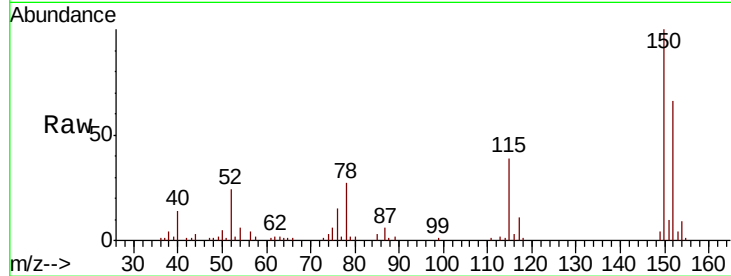


#1

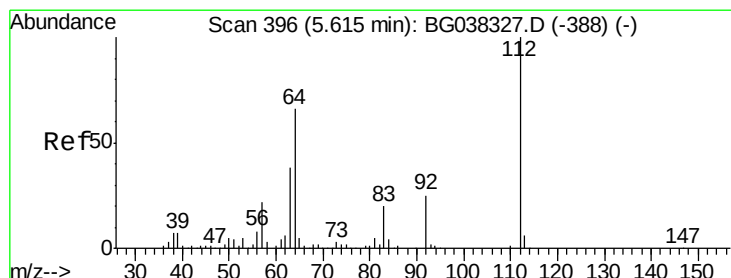
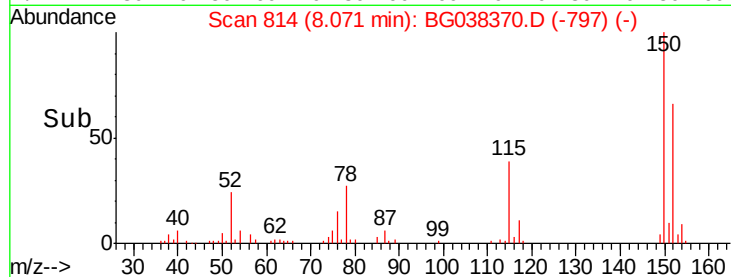
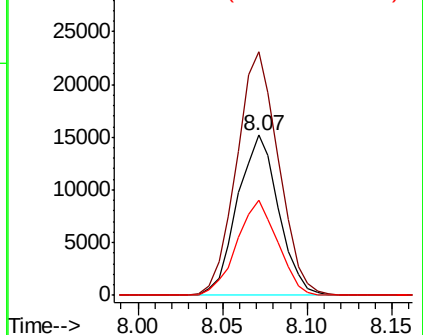
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038370.D
Acq: 5 Dec 2018 22:26

Instrument :
BNA_G
ClientSampleId :
112918-TIPC-E-U-M

Tgt Ion:152 Resp: 25821
Ion Ratio Lower Upper
152 100
150 151.9 126.0 189.0
115 59.0 45.5 68.3



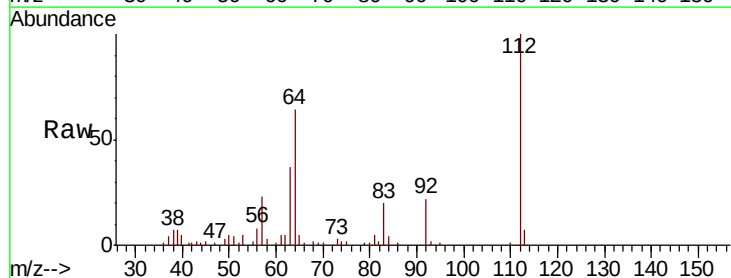
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



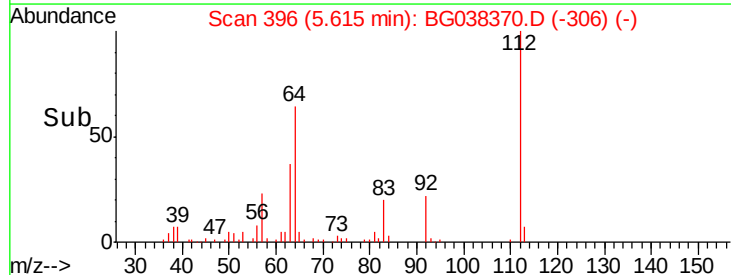
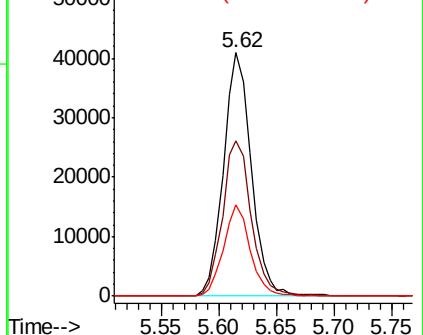
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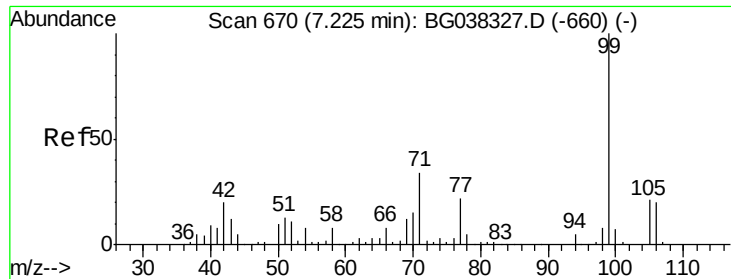
2-Fluorophenol
Concen: 46.756 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038370.D
Acq: 5 Dec 2018 22:26

Tgt Ion:112 Resp: 68222
Ion Ratio Lower Upper
112 100
64 63.7 53.1 79.7
63 37.3 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: 30.558 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038370.D

Acq: 5 Dec 2018 22:26

Instrument :

BNA_G

ClientSampleId :

112918-TIPC-E-U-M

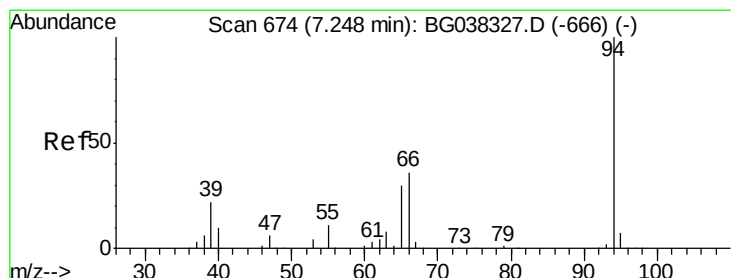
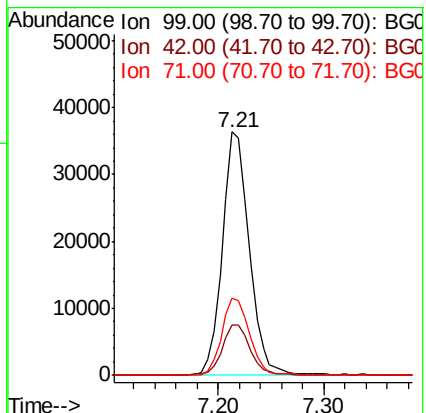
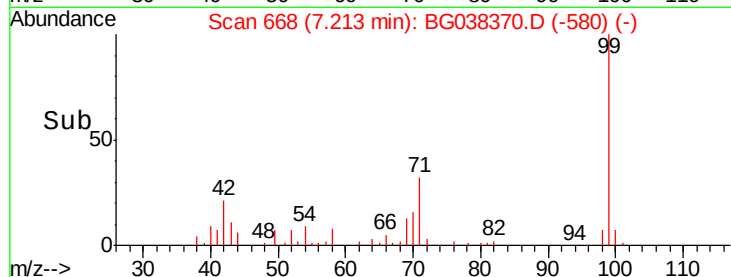
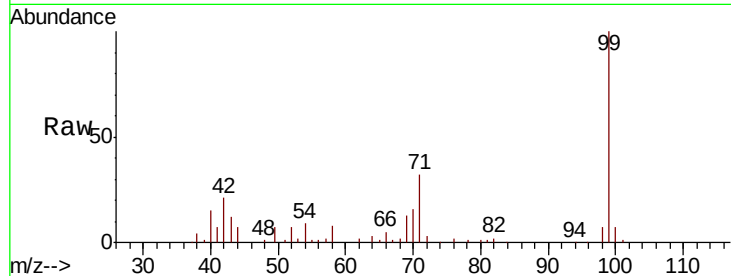
Tgt Ion: 99 Resp: 64443

Ion Ratio Lower Upper

99 100

42 20.6 15.0 22.4

71 31.8 25.5 38.3



#10

Phenol

Concen: 2.735 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038370.D

Acq: 5 Dec 2018 22:26

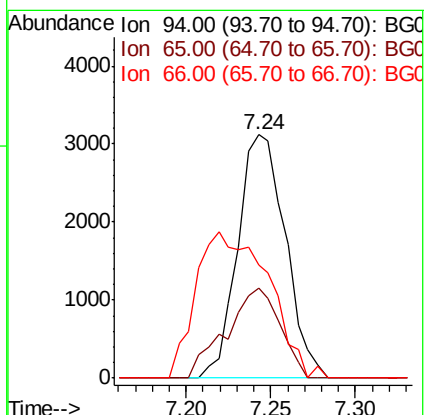
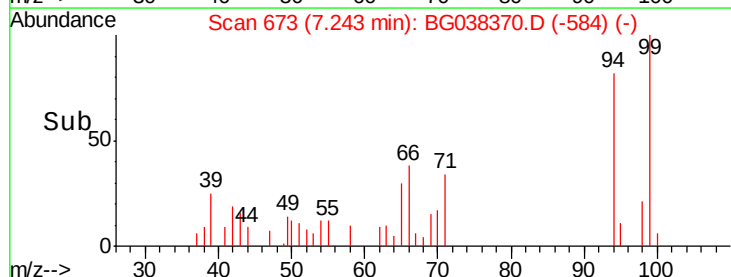
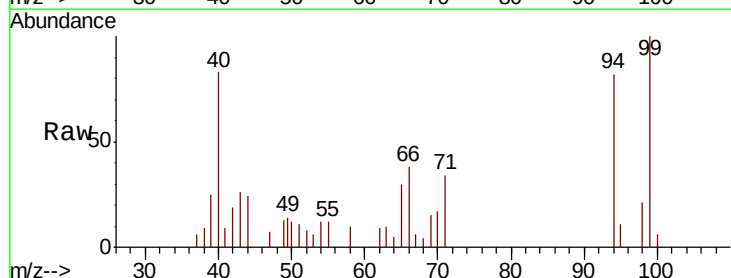
Tgt Ion: 94 Resp: 6094

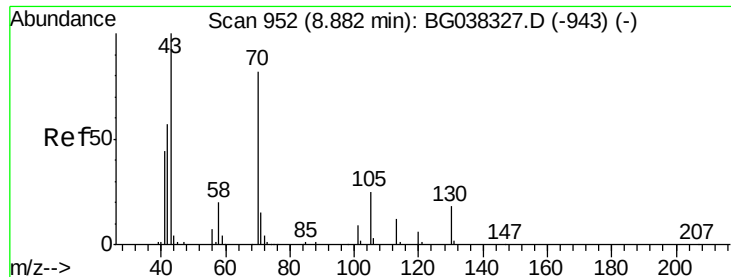
Ion Ratio Lower Upper

94 100

65 36.7 9.7 49.7

66 46.5 15.9 55.9

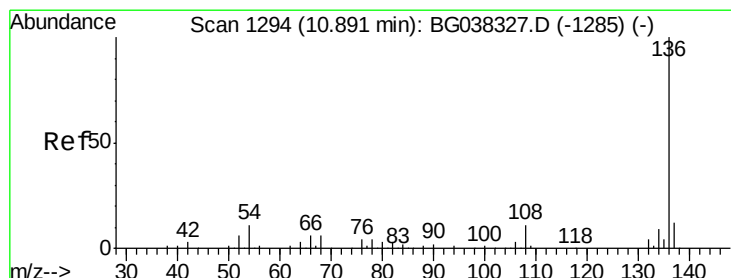
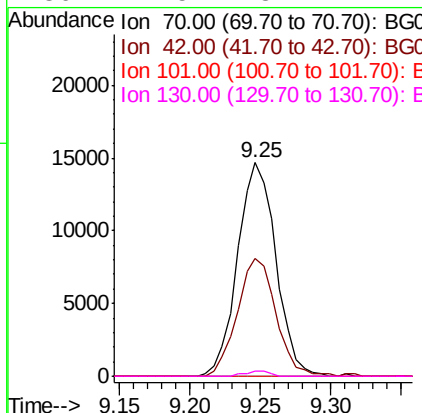
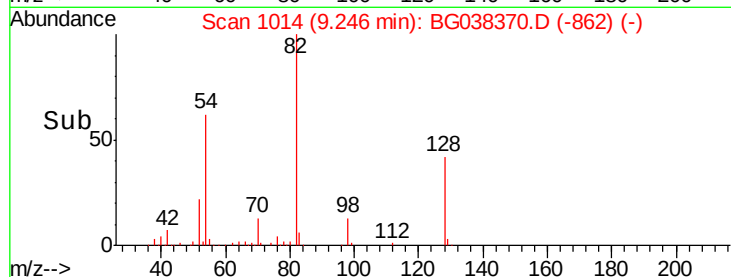
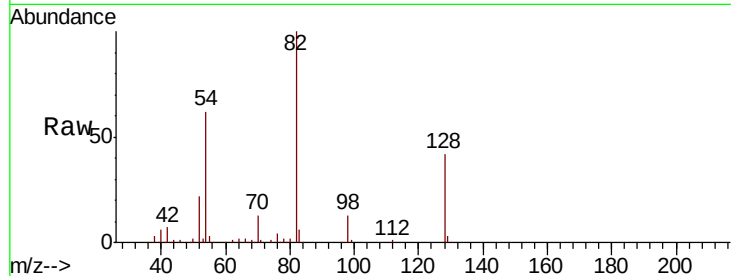




#19
n-Nitroso-di-n-propylamine
Concen: 16.864 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038370.D
Acq: 5 Dec 2018 22:26

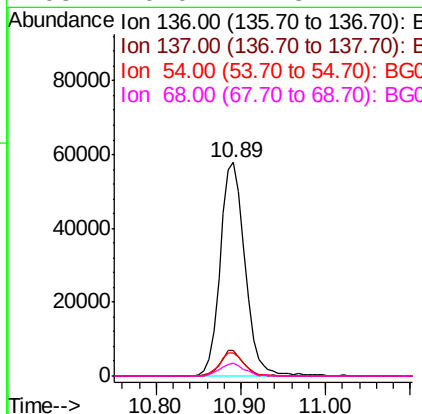
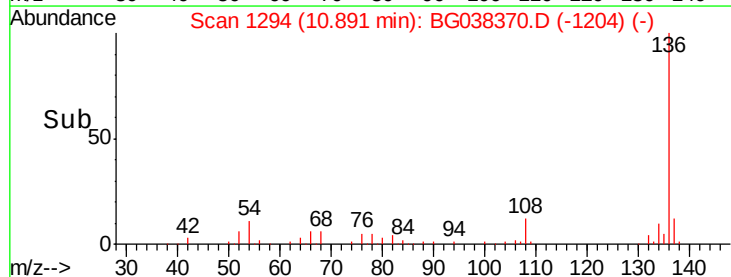
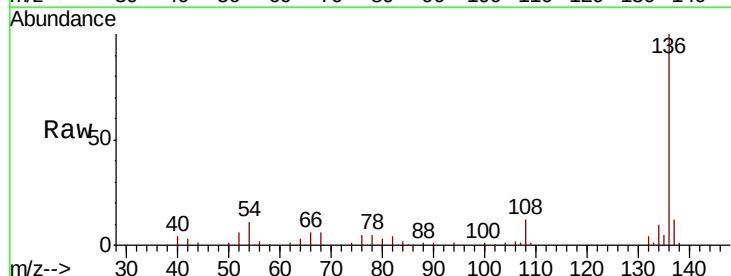
Instrument :
BNA_G
ClientSampleId :
112918-TIPC-E-U-M

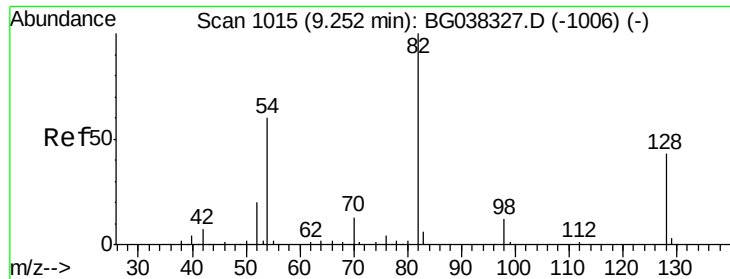
Tgt Ion: 70 Resp: 27870
Ion Ratio Lower Upper
70 100
42 55.2 53.9 80.9
101 0.0 8.2 12.2#
130 2.5 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038370.D
Acq: 5 Dec 2018 22:26

Tgt Ion: 136 Resp: 117631
Ion Ratio Lower Upper
136 100
137 11.9 9.6 14.4
54 10.7 7.9 11.9
68 6.0 4.8 7.2

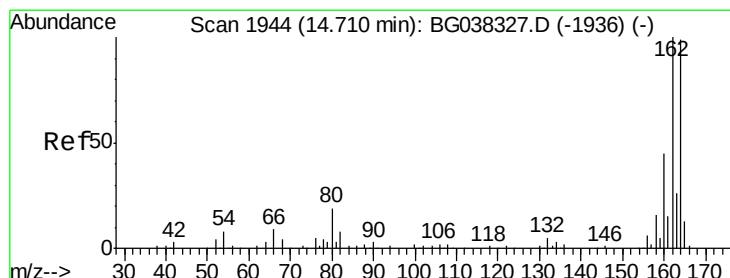
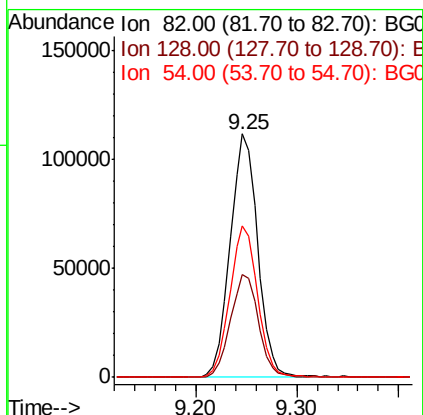
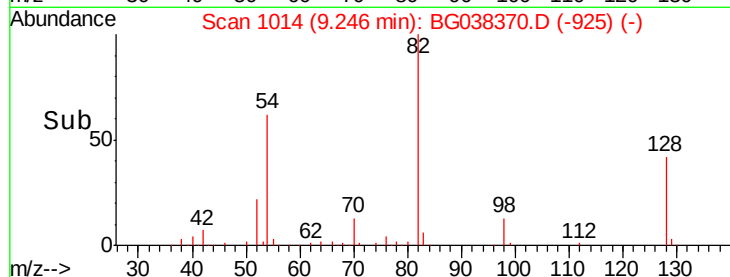
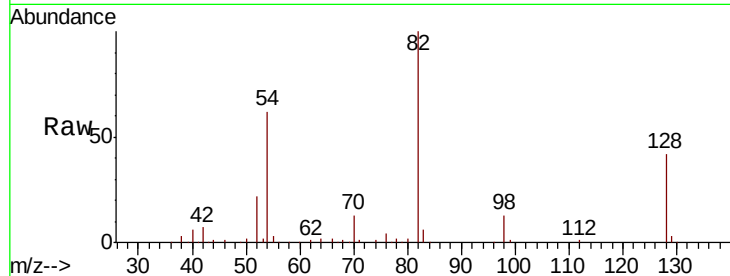




#23
 Nitrobenzene-d5
 Concen: 89.029 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

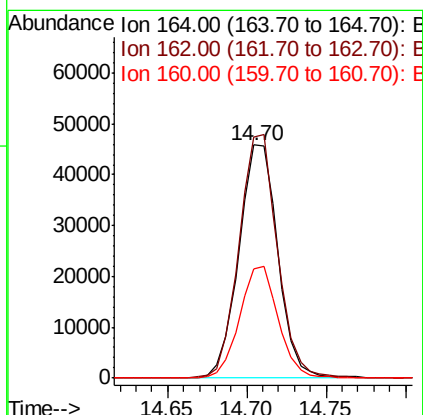
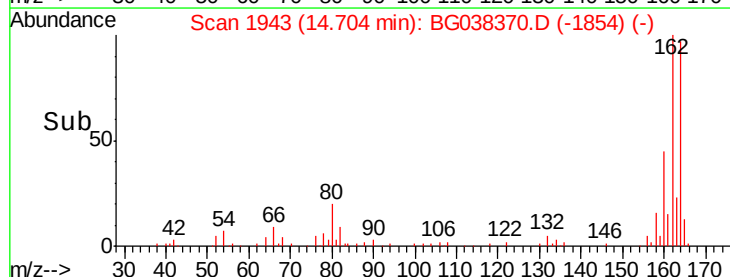
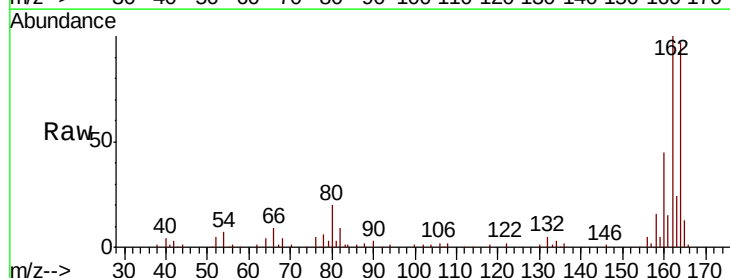
Instrument :
 BNA_G
 ClientSampleId :
 112918-TIPC-E-U-M

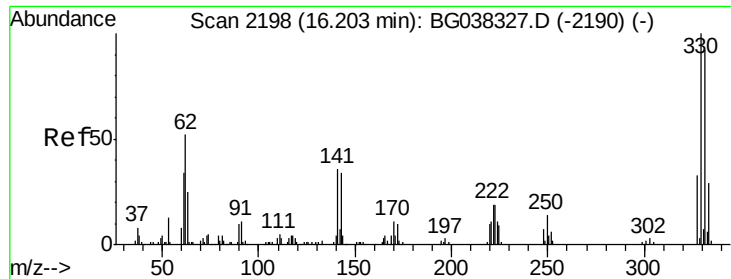
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	62.2	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.3	121.9
160	47.0	36.3	54.5

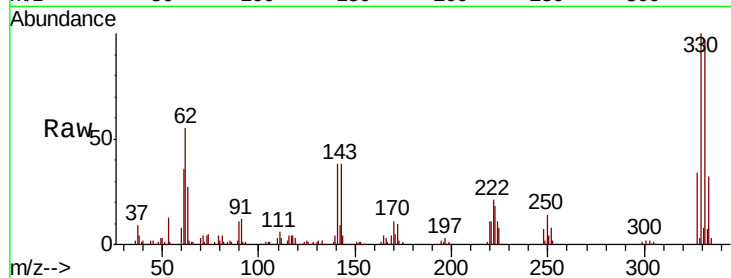




#42
 2,4,6-Tribromophenol
 Concen: 101.260 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

Instrument :
 BNA_G
 ClientSampleId :
 112918-TIPC-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	39.6	32.2	48.2

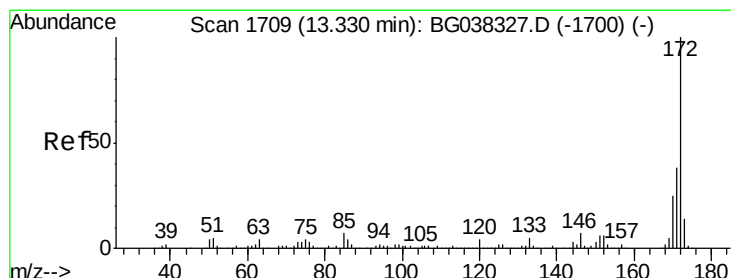
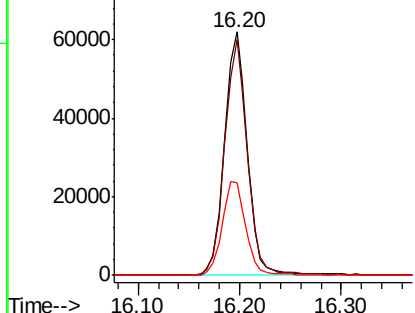
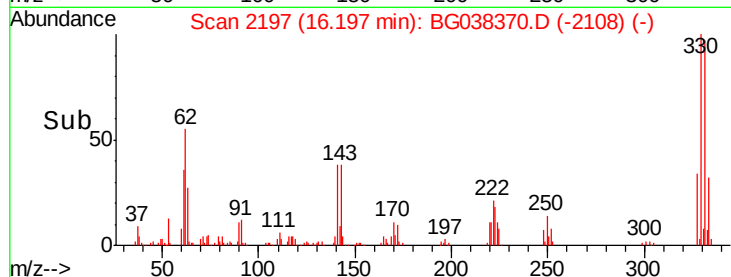


Abundance

Ion 329.80 (329.50 to 330.50): E

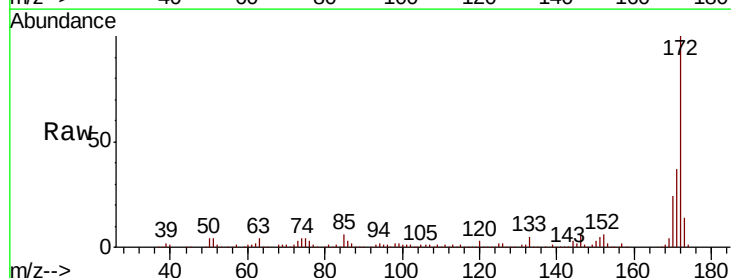
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.663 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.0	46.4
170	24.3	20.2	30.2

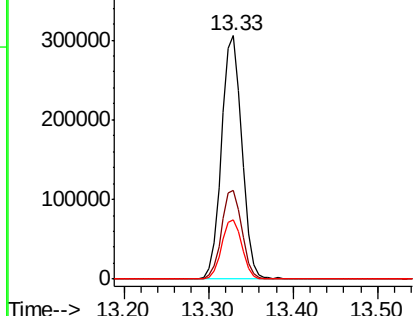
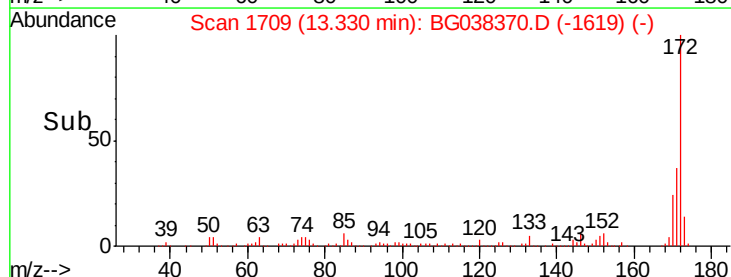


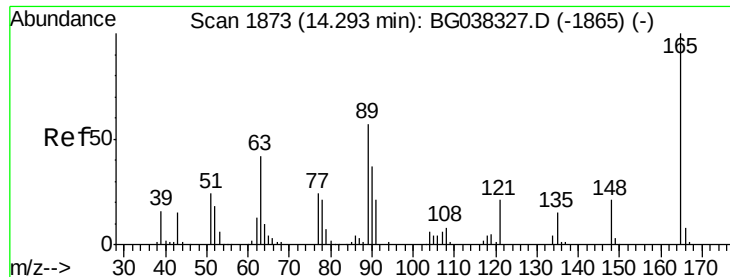
Abundance

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

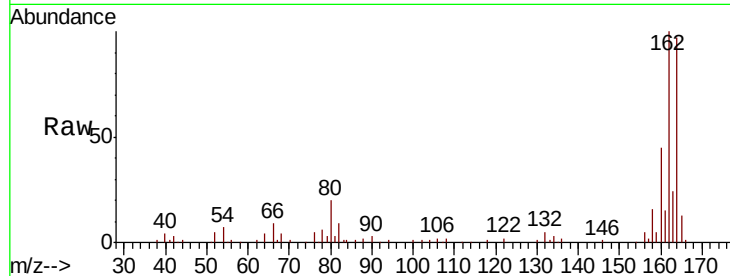




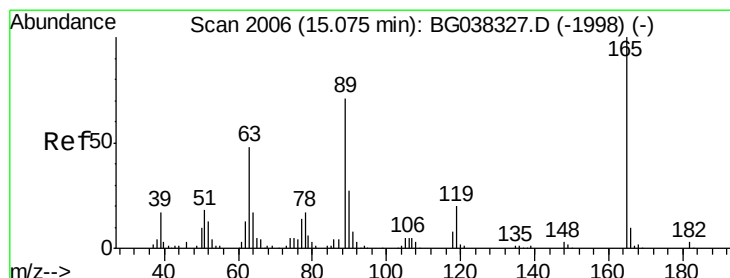
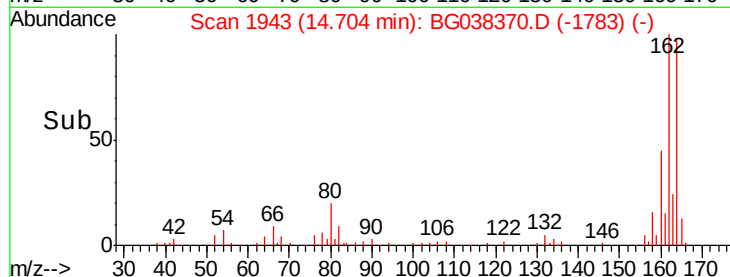
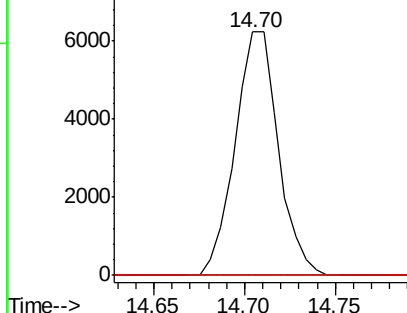
#51
 2,6-Dinitrotoluene
 Concen: 7.250 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

Instrument :
 BNA_G
 ClientSampleId :
 112918-TIPC-E-U-M

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

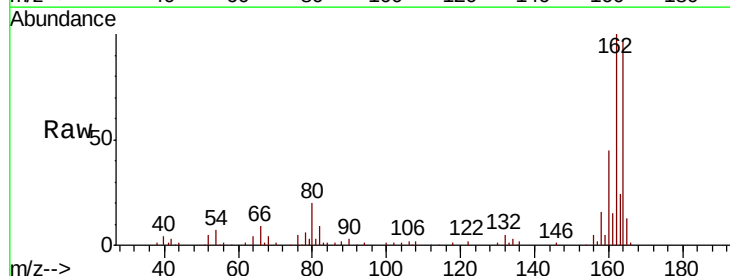


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

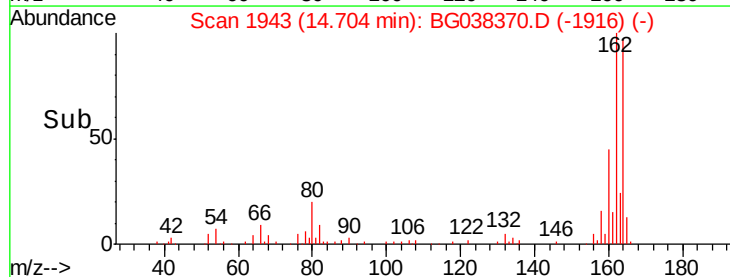
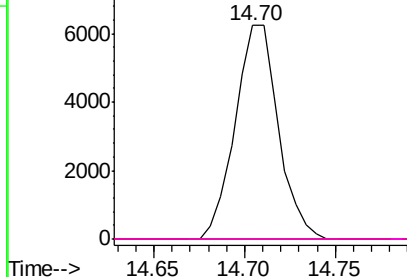


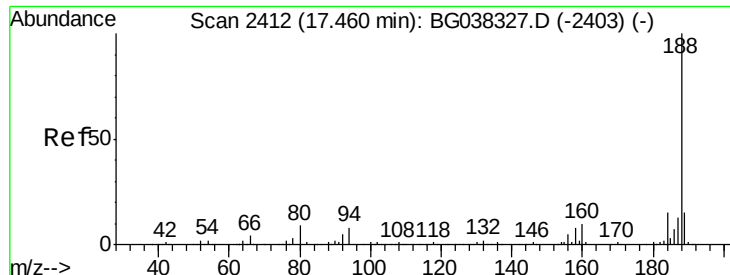
#57
 2,4-Dinitrotoluene
 Concen: 5.257 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

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#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

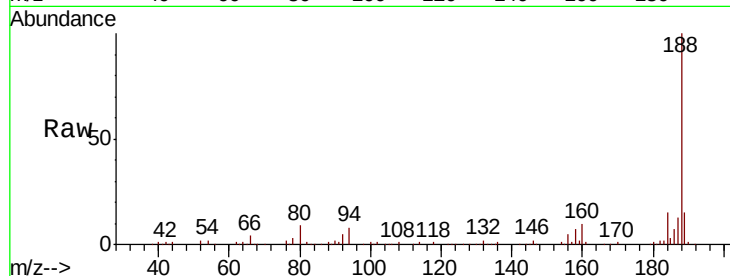




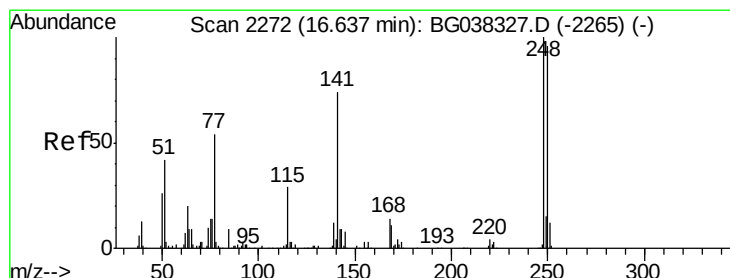
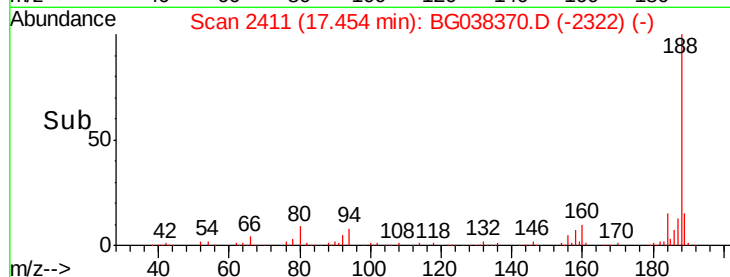
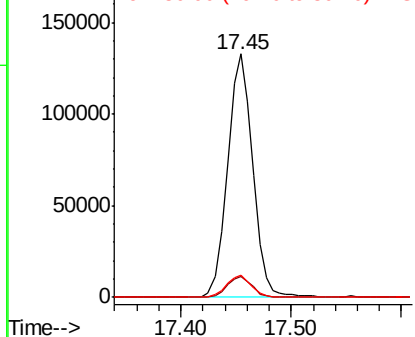
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

Instrument :
 BNA_G
 ClientSampleId :
 112918-TIPC-E-U-M

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	211505		
94	8.4		7.2	10.8
80	9.1		7.7	11.5

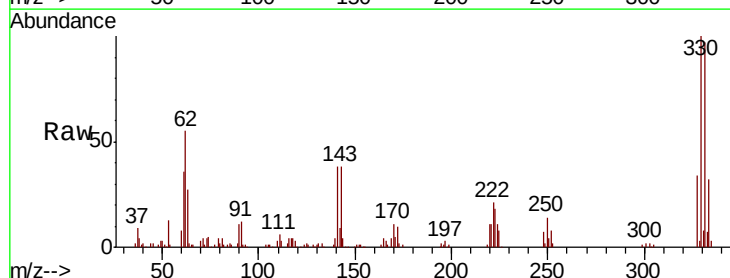


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

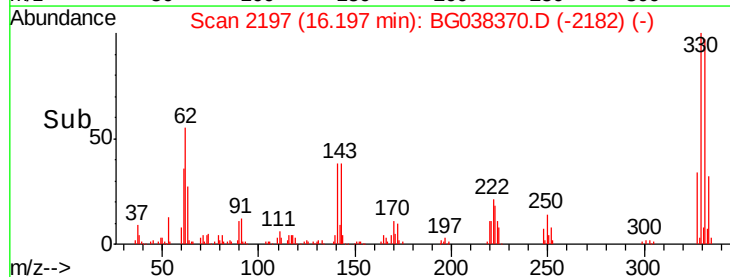
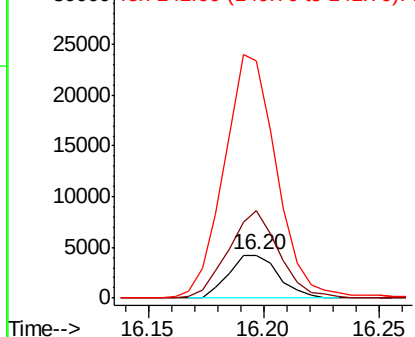


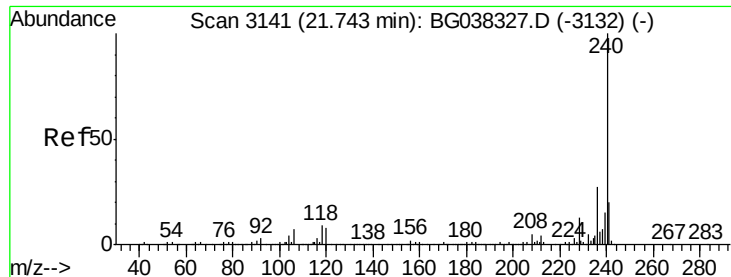
#67
 4-Bromophenyl-phenylether
 Concen: 2.781 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	6352		
250	194.2		77.0	115.6#
141	416.5		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

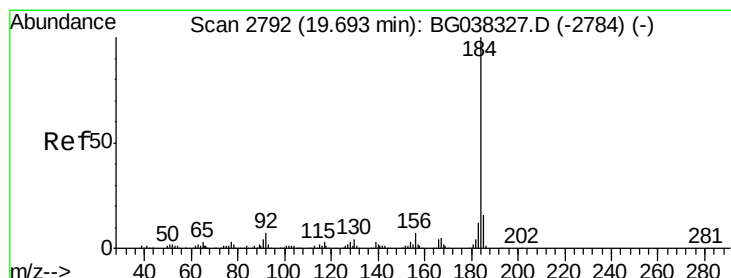
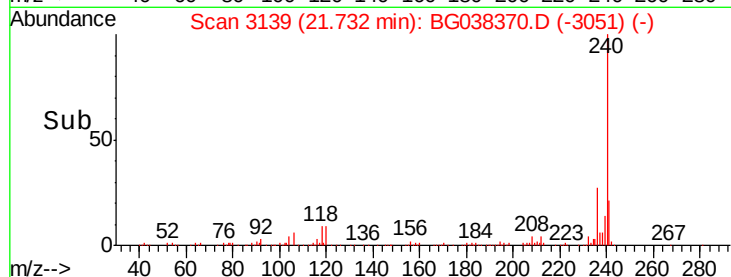
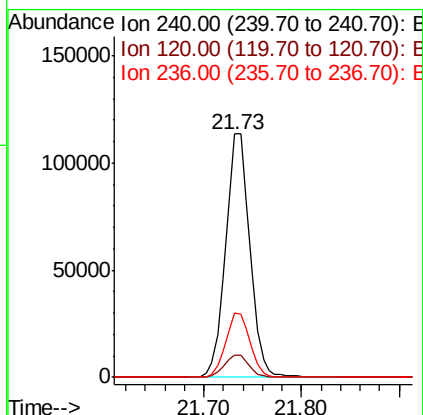
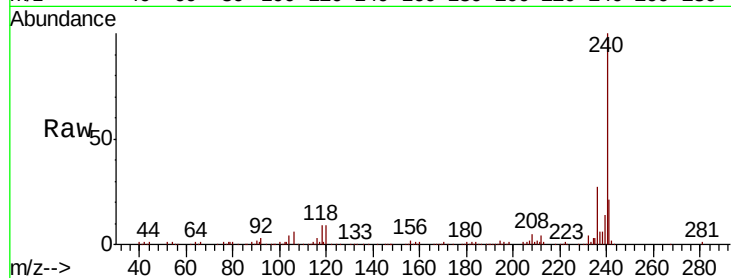




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038370.D
Acq: 5 Dec 2018 22:26

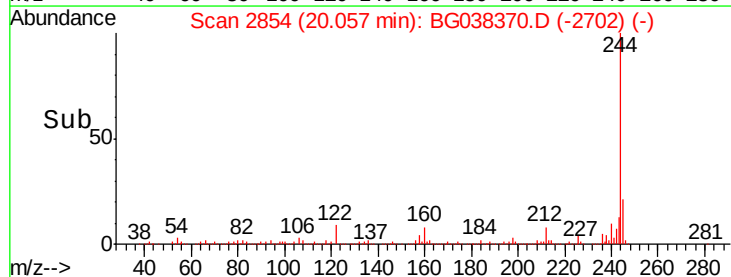
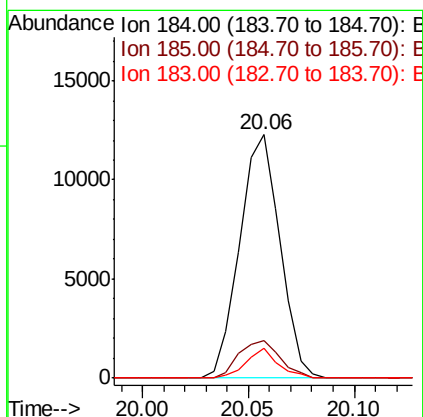
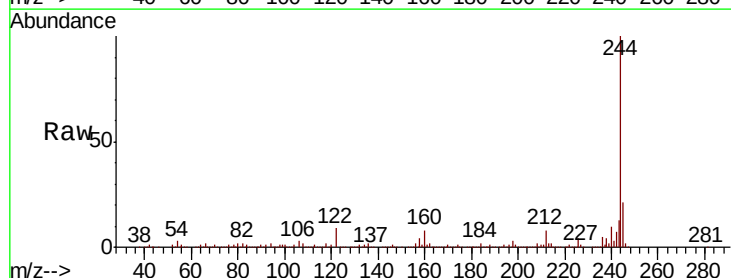
Instrument :
BNA_G
ClientSampleId :
112918-TIPC-E-U-M

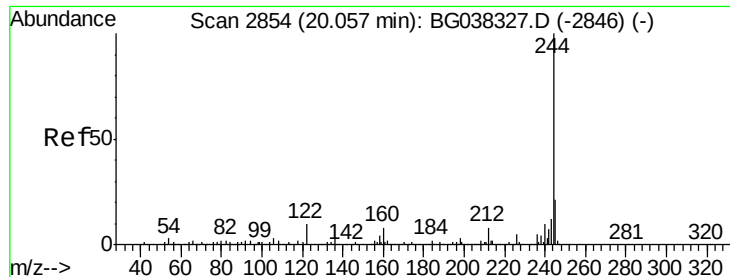
Tgt Ion:240 Resp: 195565
Ion Ratio Lower Upper
240 100
120 9.0 8.1 12.1
236 26.6 21.4 32.0



#77
Benzidine
Concen: 2.455 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.36 min
Lab File: BG038370.D
Acq: 5 Dec 2018 22:26

Tgt Ion:184 Resp: 16204
Ion Ratio Lower Upper
184 100
185 15.2 12.6 18.8
183 12.3 10.2 15.2





#79

Terphenyl-d14

Concen: 99.523 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038370.D

Acq: 5 Dec 2018 22:26

Instrument :

BNA_G

ClientSampleId :

112918-TIPC-E-U-M

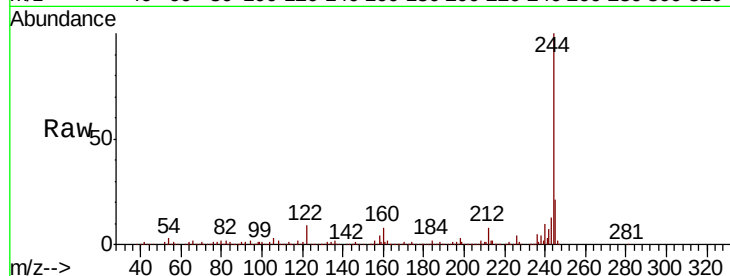
Tgt Ion:244 Resp: 908541

Ion Ratio Lower Upper

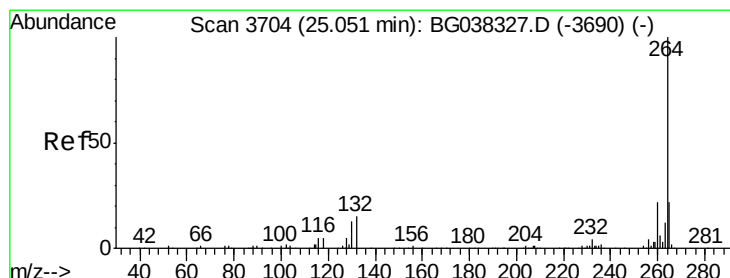
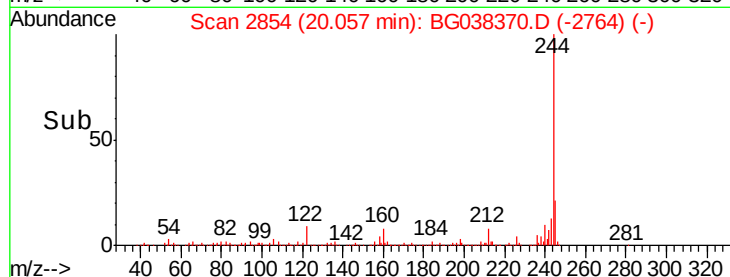
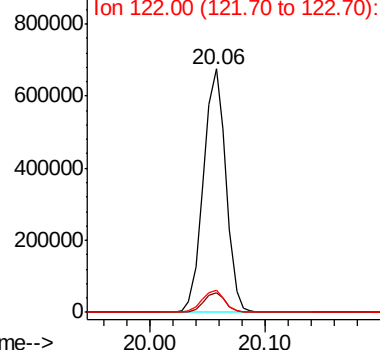
244 100

212 8.3 6.5 9.7

122 8.9 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038370.D

Acq: 5 Dec 2018 22:26

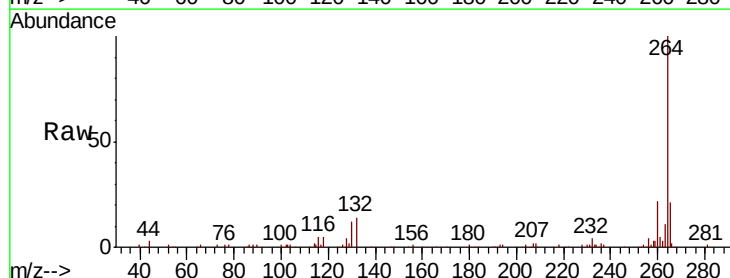
Tgt Ion:264 Resp: 206949

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 21.3 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

