

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
 Data File : BG038334.D
 Acq On : 4 Dec 2018 21:16
 Operator : JU/SJ
 Sample : J5764-22
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-A

Quant Time: Dec 05 02:40:33 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	45629	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	132130	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	86258	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	222210	20.00	ng	0.00
76) Chrysene-d12	21.74	240	215389	20.00	ng	0.00
87) Perylene-d12	25.04	264	228910	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	207420	80.44	ng	0.00
7) Phenol-d6	7.22	99	242376	65.04	ng	0.00
23) Nitrobenzene-d5	9.25	82	200876	75.48	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	137616	129.96	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	454123	75.02	ng	0.00
79) Terphenyl-d14	20.06	244	826117	82.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	55	0.047	ng	# 1
4) n-Nitrosodimethylamine	3.88	42	321	0.207	ng	# 1
6) Aniline	7.60	93	189	0.040	ng	# 1
9) Benzaldehyde	7.22	77	400	0.170	ng	# 4
10) Phenol	7.59	94	373	0.095	ng	# 1
11) bis(2-Chloroethyl)ether	7.60	93	189	0.059	ng	# 1
15) Benzyl Alcohol	8.39	79	3061	0.999	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	8.60	45	129	0.018	ng	# 74
19) n-Nitroso-di-n-propylamine	9.25	70	26167	7.918	ng	# 75
22) Acetophenone	8.92	105	57	Below Cal		# 48
24) Nitrobenzene	9.25	77	682	0.252	ng	# 29
25) Isophorone	9.39	82	75	0.016	ng	# 67
31) Naphthalene	10.94	128	263	0.042	ng	# 68
35) Caprolactam	11.85	113	640	0.753	ng	# 56
37) 2-Methylnaphthalene	12.55	142	151	0.034	ng	# 75
38) 1-Methylnaphthalene	12.76	142	59	0.014	ng	# 95
46) 1,1'-Biphenyl	13.55	154	978	0.134	ng	# 87
48) 2-Nitroaniline	13.32	65	702	0.380	ng	# 1
51) 2,6-Dinitrotoluene	14.70	165	11271	7.132	ng	# 23
52) Acenaphthene	14.71	154	139	0.028	ng	# 3
57) 2,4-Dinitrotoluene	14.70	165	11271	5.171	ng	# 23
58) Fluorene	16.20	166	5018	0.816	ng	# 74
60) Diethylphthalate	15.50	149	366	0.048	ng	# 58
63) Azobenzene	16.19	77	732	0.109	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.20	198	550	0.378	ng	# 70
66) n-Nitrosodiphenylamine	16.20	169	5453	0.873	ng	# 51
67) 4-Bromophenyl-phenylether	16.20	248	9488	3.954	ng	# 1
71) Phenanthrene	17.49	178	468	0.042	ng	# 59
72) Anthracene	17.49	178	468	0.043	ng	# 60
74) Di-n-butylphthalate	18.39	149	2795	0.224	ng	# 94
77) Benzidine	20.06	184	14453	1.989	ng	# 96
78) Pyrene	20.06	202	3205	0.213	ng	# 67
80) Butylbenzylphthalate	21.05	149	63	0.010	ng	# 23
81) Benzo(a)anthracene	21.73	228	601	0.045	ng	# 47

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
Data File : BG038334.D
Acq On : 4 Dec 2018 21:16
Operator : JU/SJ
Sample : J5764-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

Quant Time: Dec 05 02:40:33 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

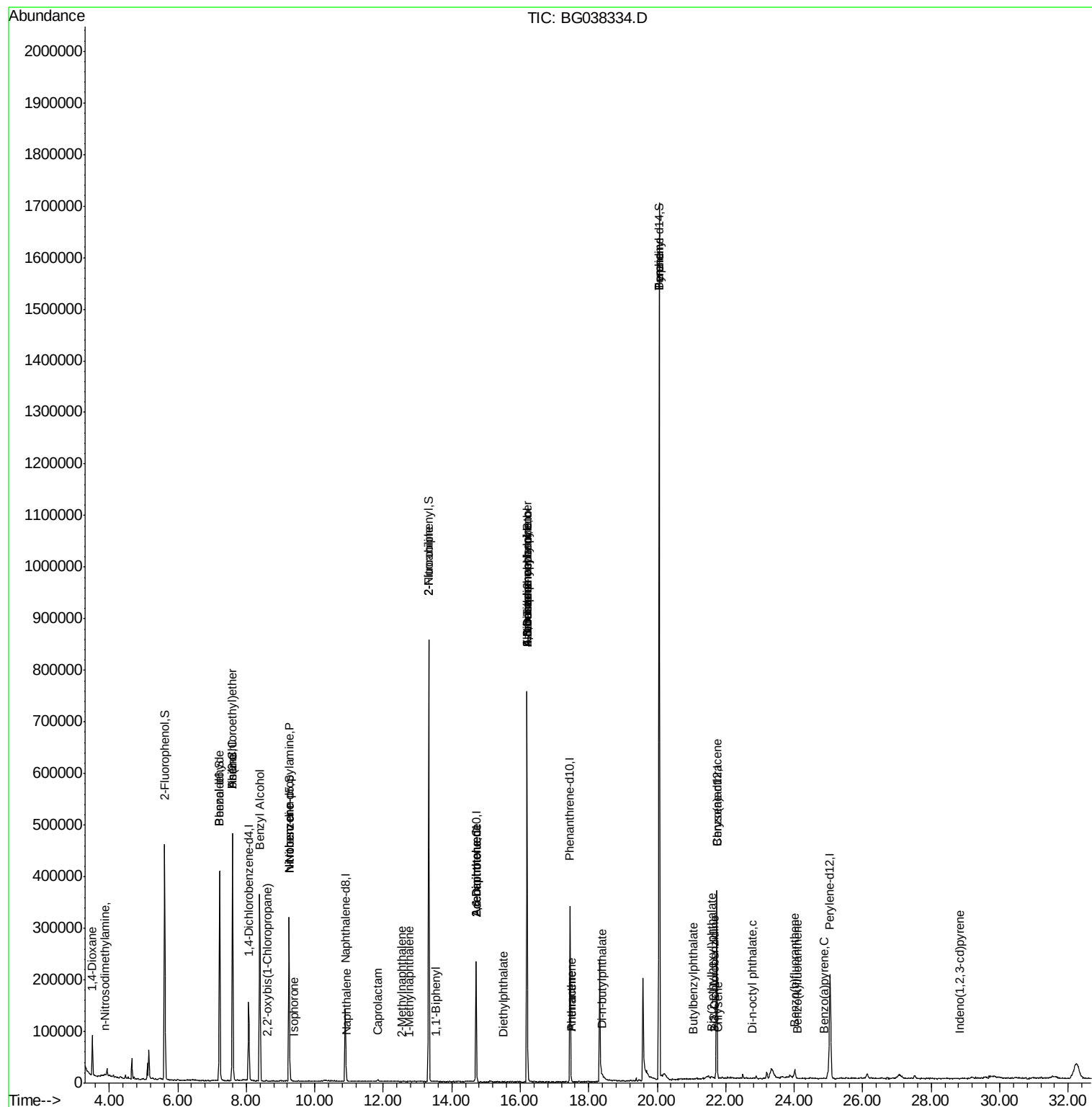
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 3,3'-Dichlorobenzidine	21.65	252	157	0.030	ng	# 25
83) Chrysene	21.78	228	54	0.004	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.58	149	1524	0.177	ng	# 96
85) Di-n-octyl phthalate	22.76	149	55	0.004	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.83	276	53	0.004	ng	# 55
88) Benzo(b)fluoranthene	24.00	252	175	0.014	ng	# 59
89) Benzo(k)fluoranthene	24.09	252	60	0.005	ng	# 60
90) Benzo(a)pyrene	24.87	252	75	0.006	ng	# 60

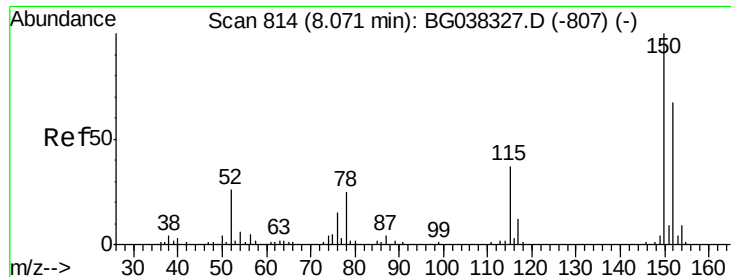
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
Data File : BG038334.D
Acq On : 4 Dec 2018 21:16
Operator : JU/SJ
Sample : J5764-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

Quant Time: Dec 05 02:40:33 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

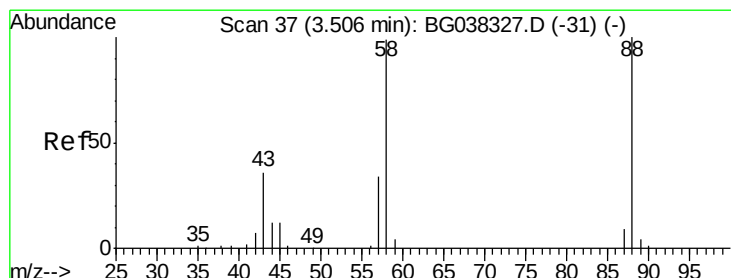
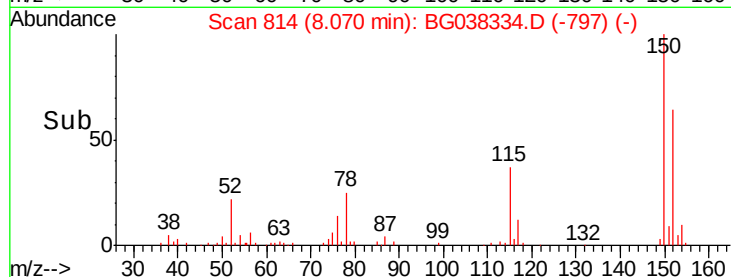
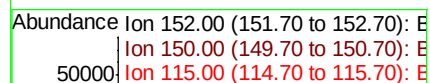
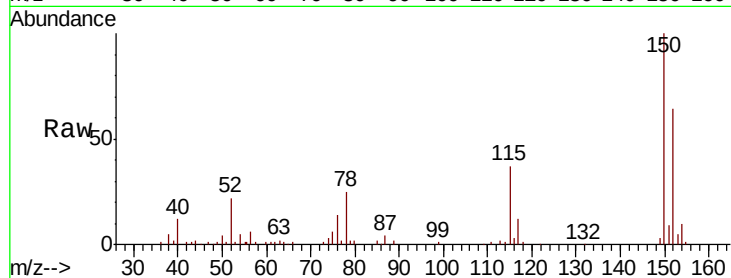
Tgt Ion:152 Resp: 45629

Ion Ratio Lower Upper

152 100

150 155.8 126.0 189.0

115 58.2 45.5 68.3



#2

1,4-Dioxane

Concen: 0.047 ng

RT: 3.50 min Scan# 36

Delta R.T. -0.01 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

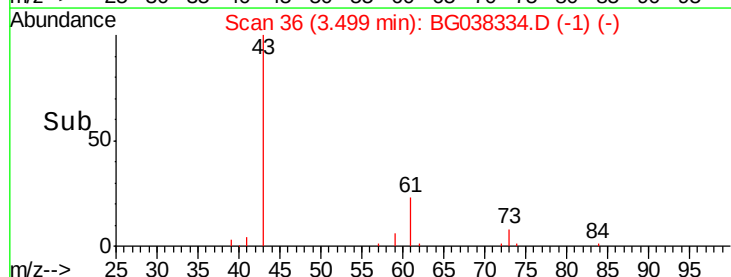
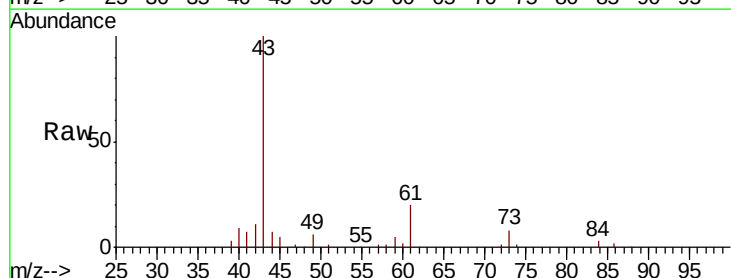
Tgt Ion: 88 Resp: 55

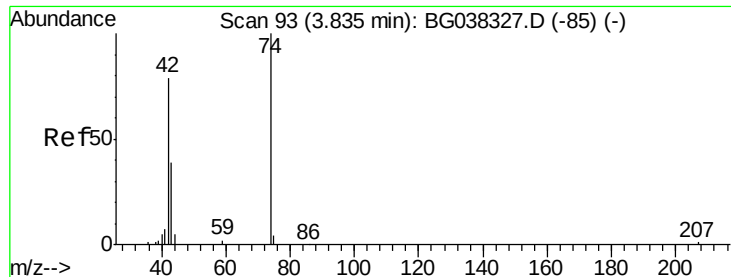
Ion Ratio Lower Upper

88 100

58 0.0 74.4 111.6#

43 110169.1 25.8 38.8#





#4

n-Nitrosodimethylamine

Concen: 0.207 ng

RT: 3.88 min Scan# 101

Delta R.T. 0.05 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

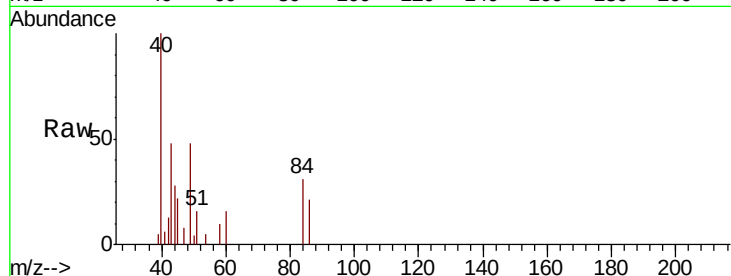
Tgt Ion: 42 Resp: 321

Ion Ratio Lower Upper

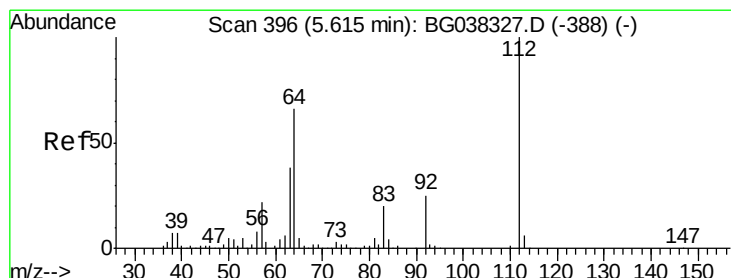
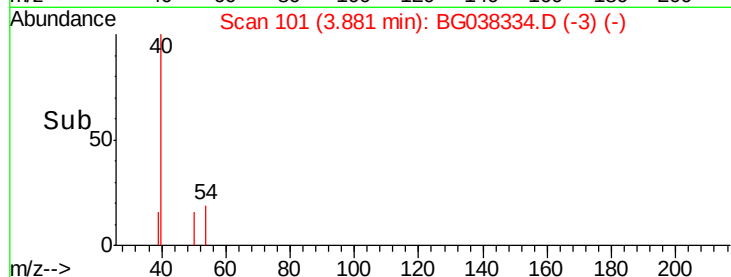
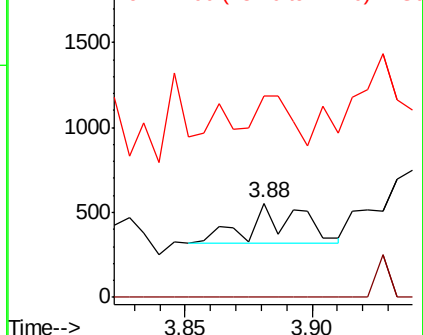
42 100

74 0.0 102.0 153.0#

44 215.2 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 80.444 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

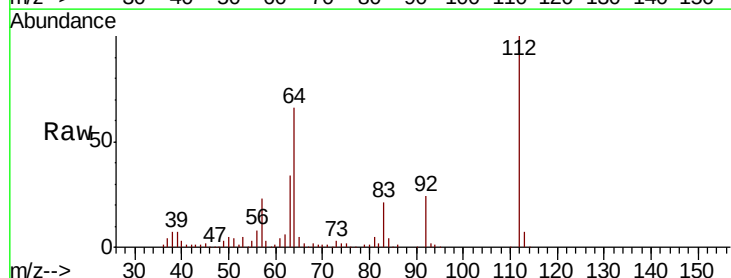
Tgt Ion: 112 Resp: 207420

Ion Ratio Lower Upper

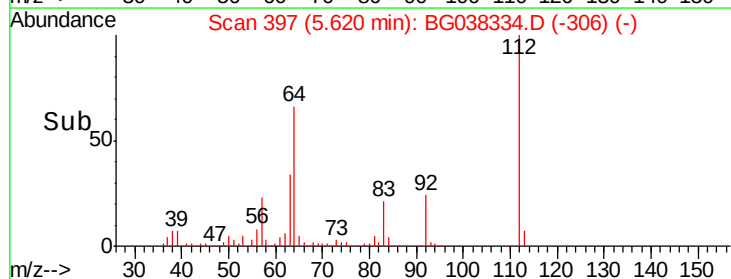
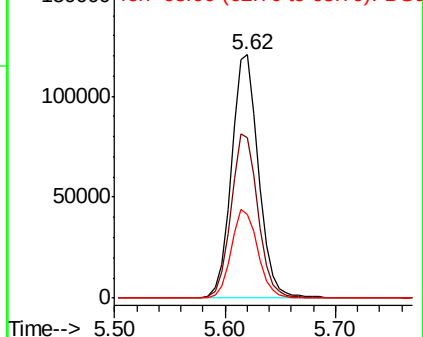
112 100

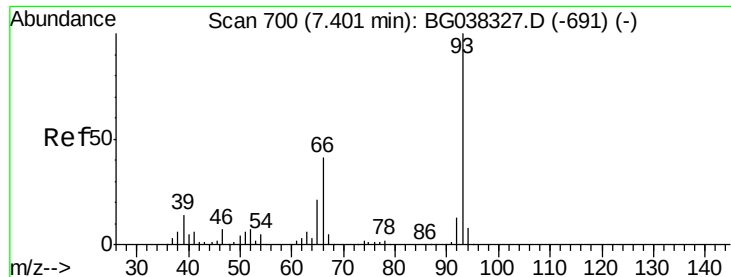
64 65.9 53.1 79.7

63 34.2 27.3 40.9



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





#6

Aniline

Concen: 0.040 ng

RT: 7.60 min Scan# 734

Delta R.T. 0.20 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

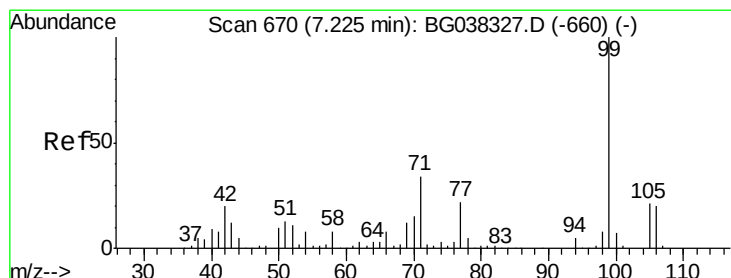
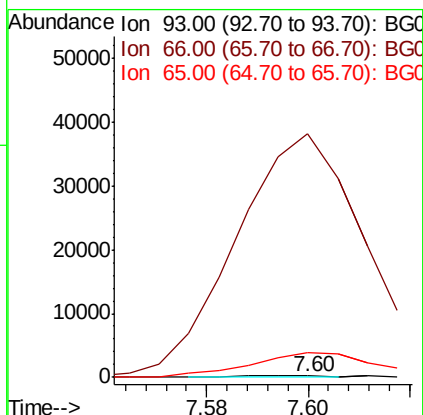
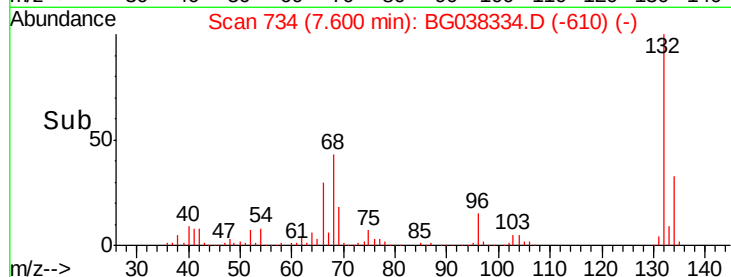
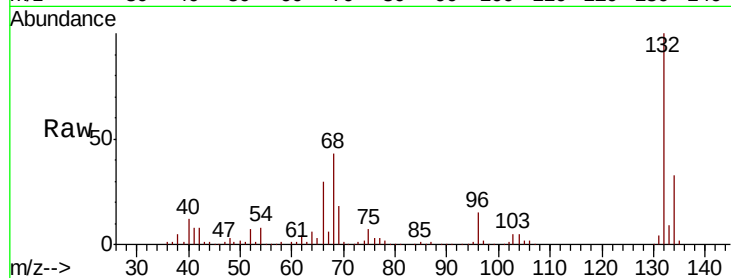
Tgt Ion: 93 Resp: 189

Ion Ratio Lower Upper

93 100

66 19382.7 32.8 49.2#

65 1962.9 16.4 24.6#



#7

Phenol-d6

Concen: 65.038 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

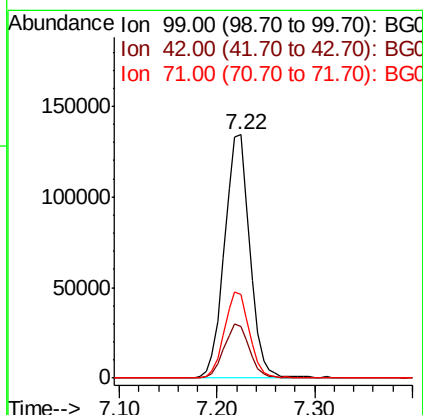
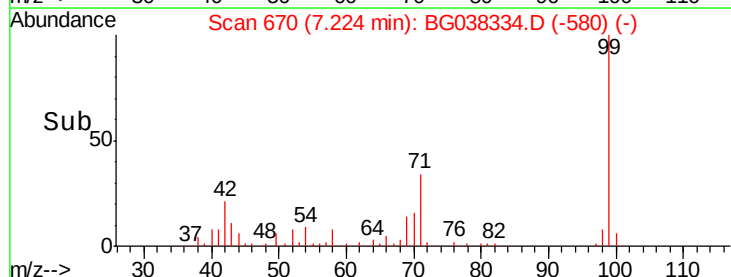
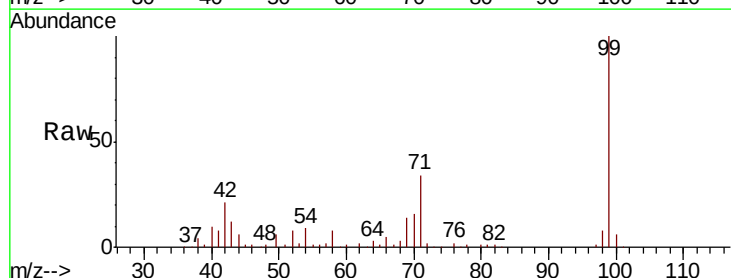
Tgt Ion: 99 Resp: 242376

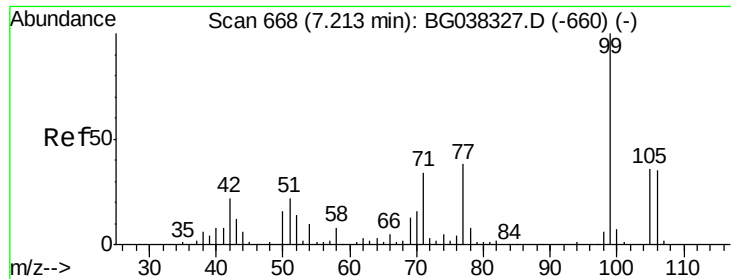
Ion Ratio Lower Upper

99 100

42 21.2 15.0 22.4

71 34.5 25.5 38.3





#9

Benzaldehyde

Concen: 0.170 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

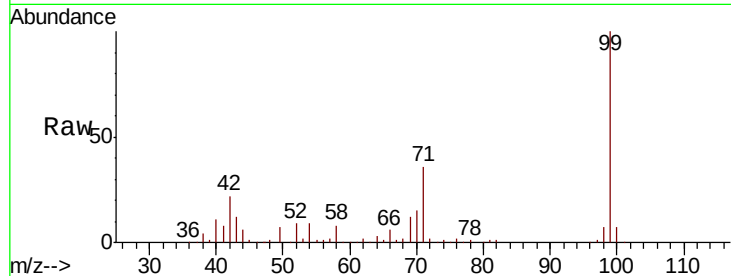
Tgt Ion: 77 Resp: 400

Ion Ratio Lower Upper

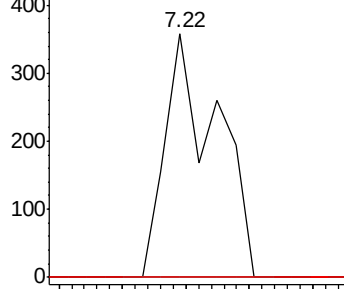
77 100

105 0.0 72.6 112.6#

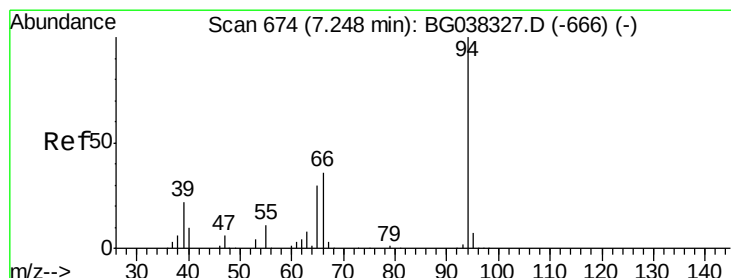
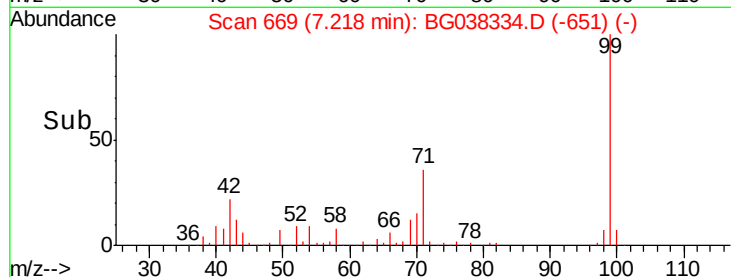
106 0.0 71.3 111.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



Time--> 7.18 7.20 7.22 7.24 7.26



#10

Phenol

Concen: 0.095 ng

RT: 7.59 min Scan# 733

Delta R.T. 0.35 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

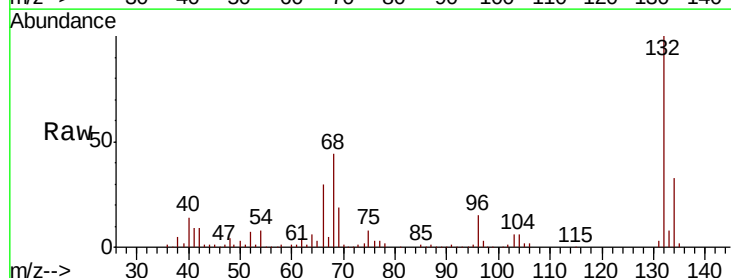
Tgt Ion: 94 Resp: 373

Ion Ratio Lower Upper

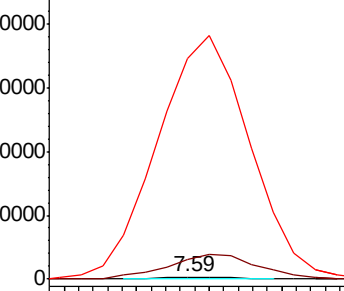
94 100

65 911.0 9.7 49.7#

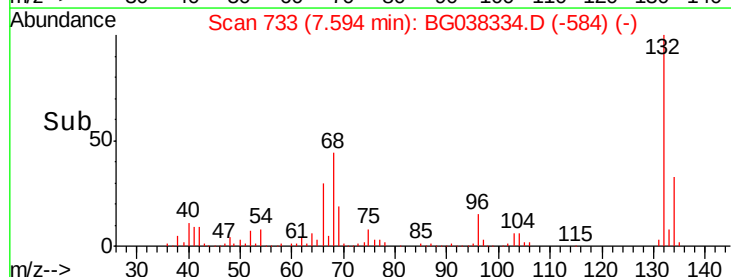
66 10019.7 15.9 55.9#

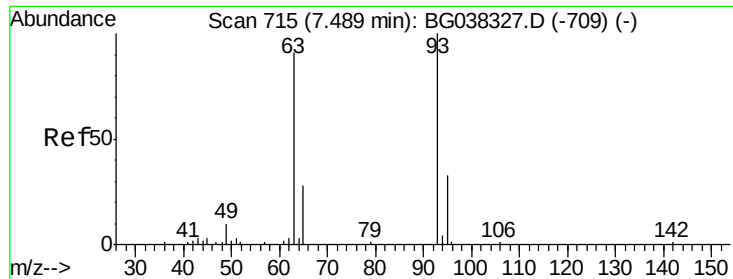


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time--> 7.56 7.58 7.60 7.62

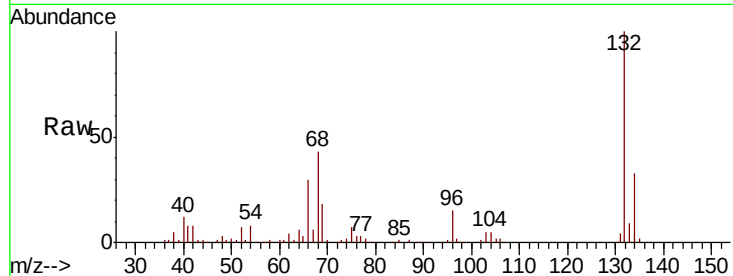




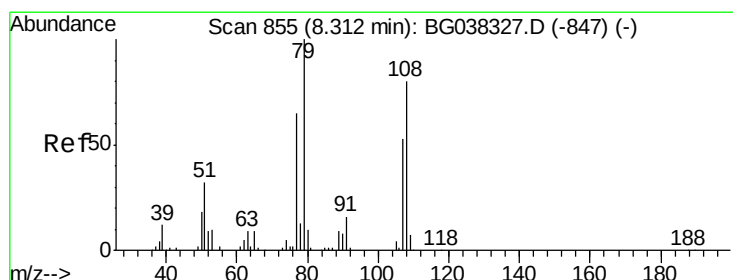
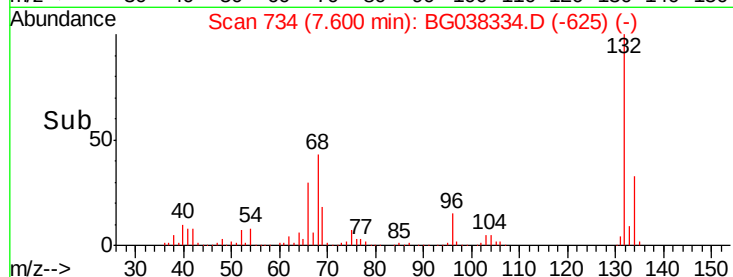
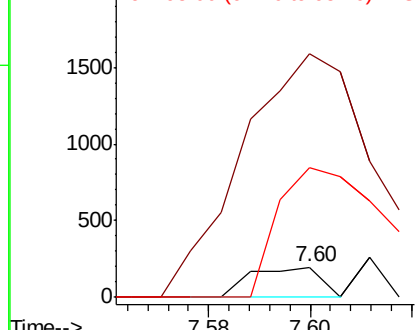
#11
bis(2-Chloroethyl)ether
Concen: 0.059 ng
RT: 7.60 min Scan# 734
Delta R.T. 0.11 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

Tgt Ion: 93 Resp: 189
Ion Ratio Lower Upper
93 100
63 806.1 69.5 109.5#
95 427.4 12.6 52.6#

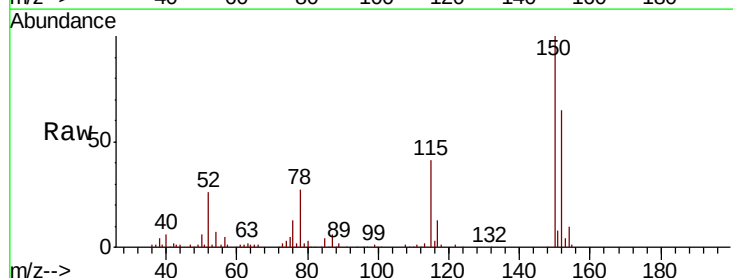


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

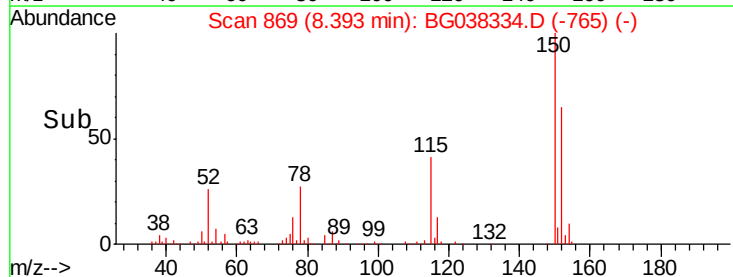
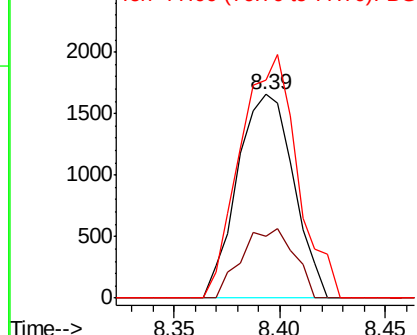


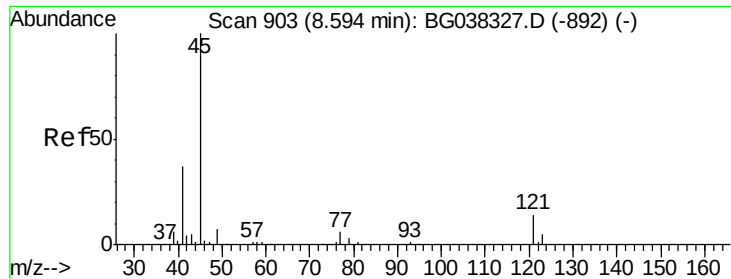
#15
Benzyl Alcohol
Concen: 0.999 ng
RT: 8.39 min Scan# 869
Delta R.T. 0.08 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Tgt Ion: 79 Resp: 3061
Ion Ratio Lower Upper
79 100
108 30.3 65.8 98.8#
77 106.8 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

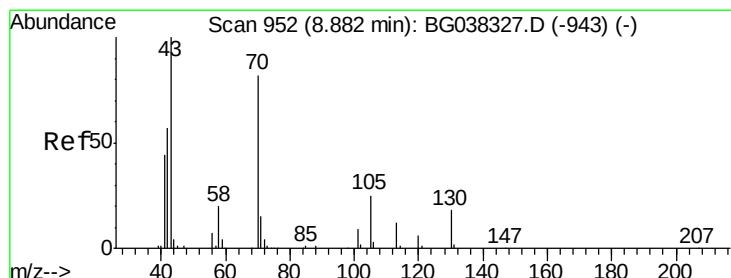
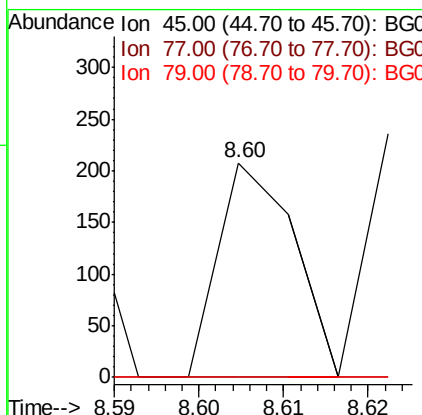
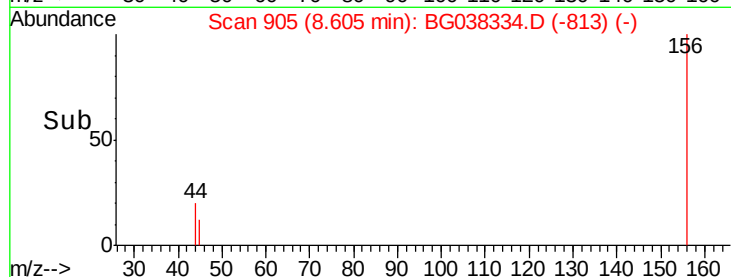
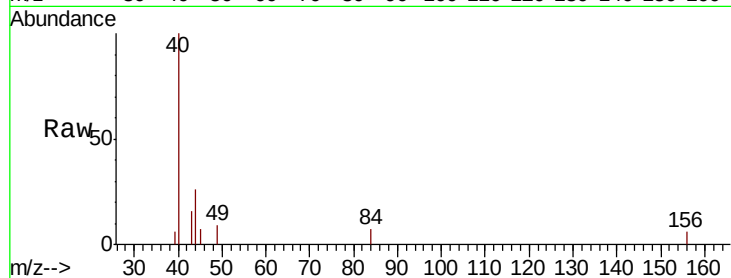




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.018 ng
 RT: 8.60 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

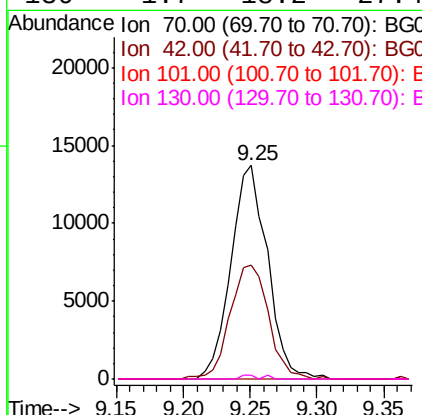
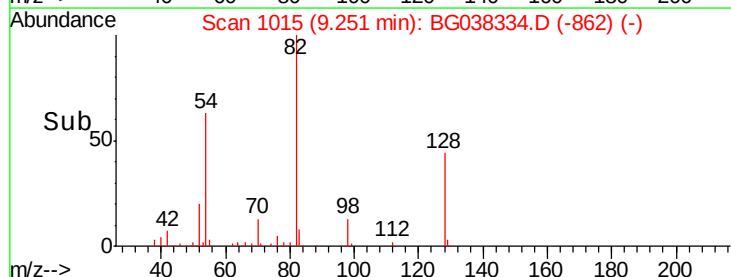
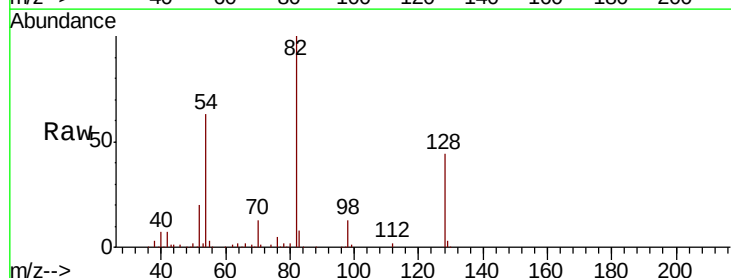
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-A

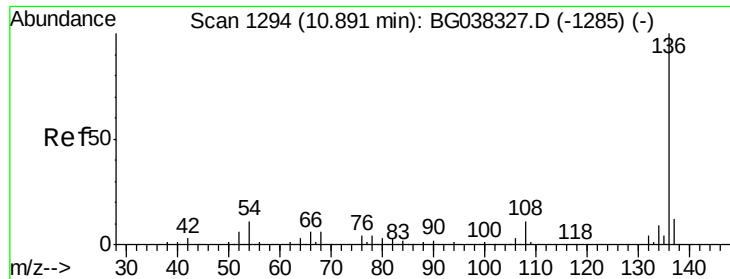
Tgt Ion: 45 Resp: 129
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.0
 79 0.0 0.0 29.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 7.918 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. 0.37 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Tgt Ion: 70 Resp: 26167
 Ion Ratio Lower Upper
 70 100
 42 53.1 53.9 80.9#
 101 0.0 8.2 12.2#
 130 1.7 18.2 27.4#

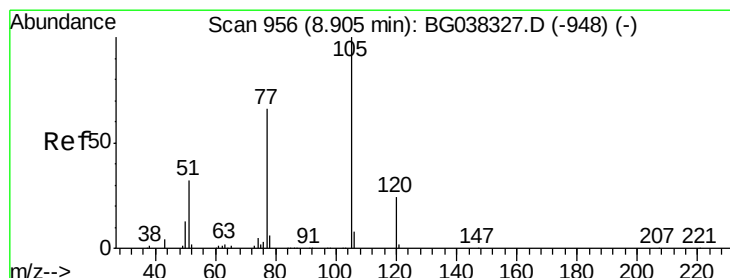
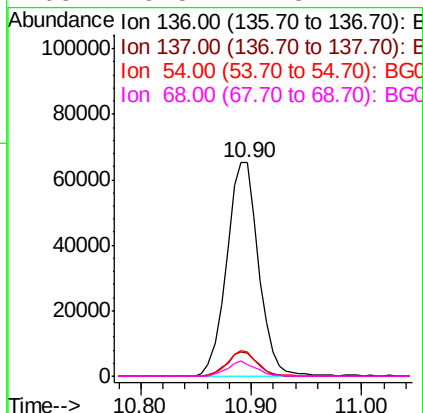
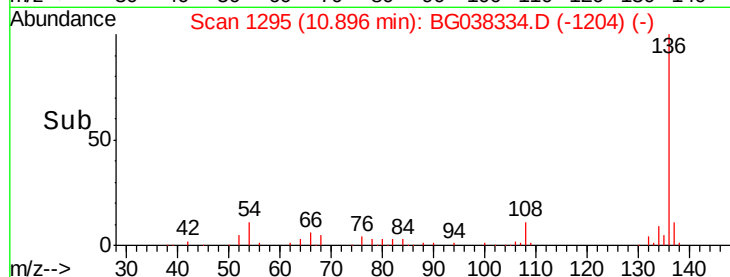
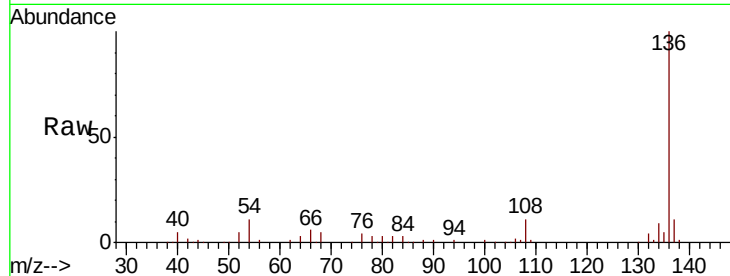




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

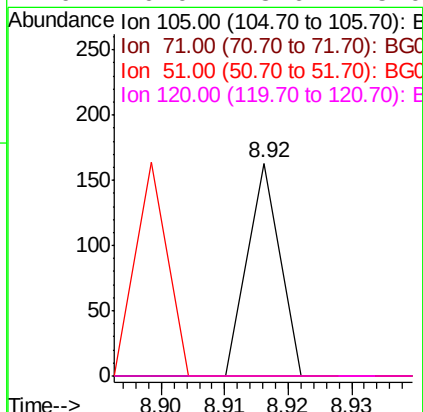
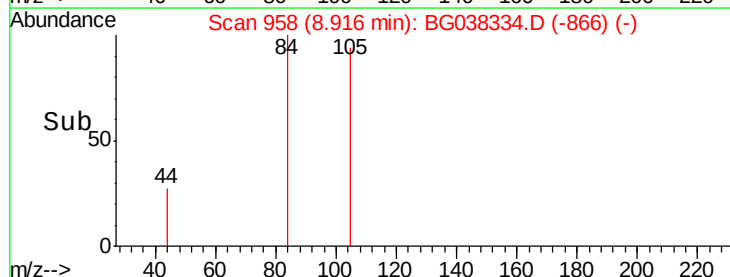
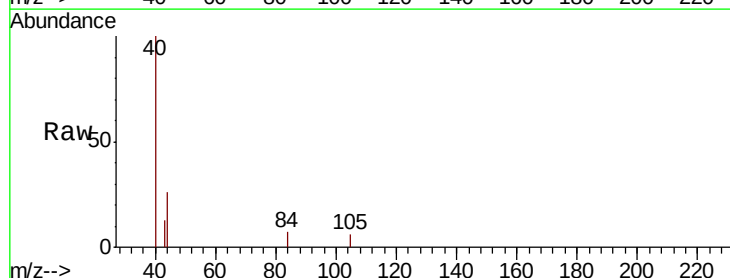
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

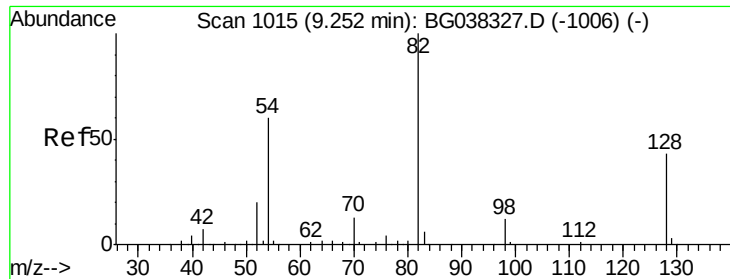
Tgt Ion:	136	Resp:	132130
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	11.4	7.9	11.9
68	5.3	4.8	7.2



#22
Acetophenone
Concen: Below Cal
RT: 8.92 min Scan# 958
Delta R.T. 0.01 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Tgt Ion:	105	Resp:	57
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	0.0	25.0	37.6#
120	0.0	18.6	28.0#

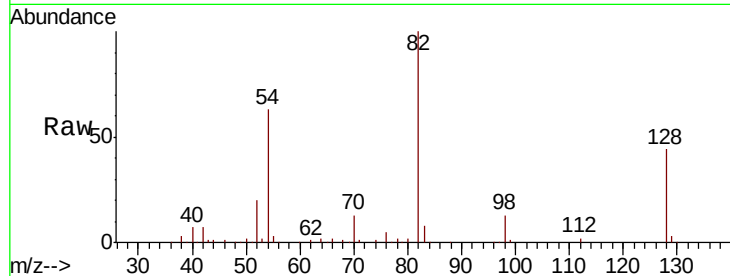




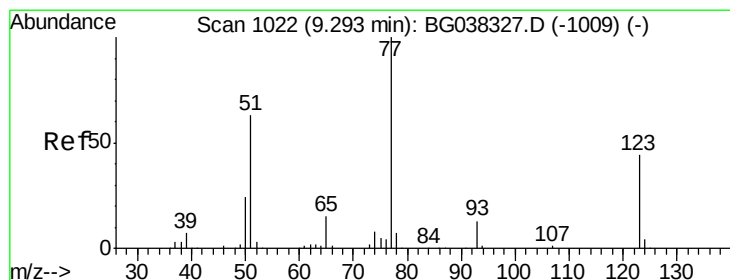
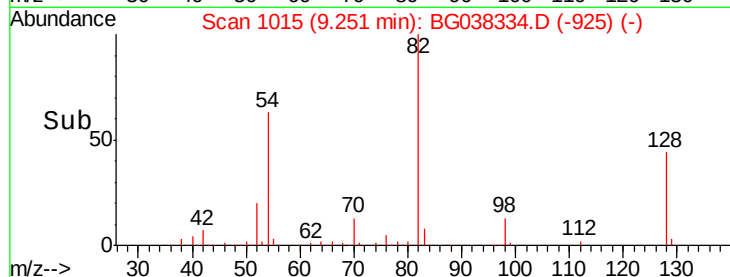
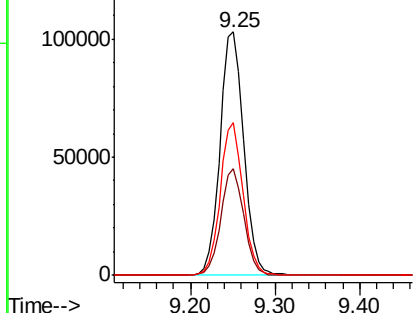
#23
 Nitrobenzene-d5
 Concen: 75.479 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-A

Tgt Ion: 82 Resp: 200876
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.6 51.8
 54 62.5 45.3 67.9

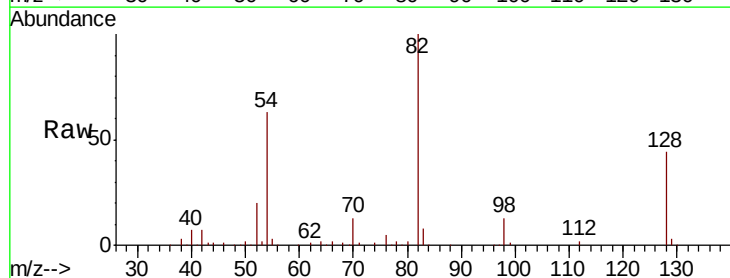


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

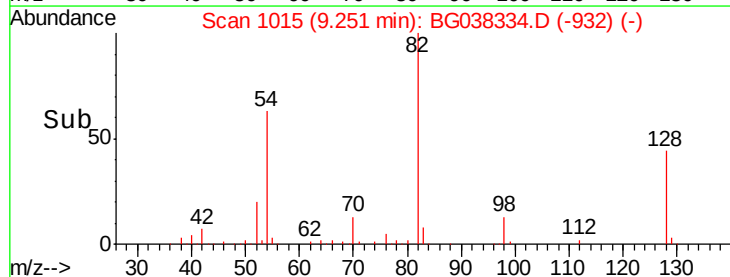
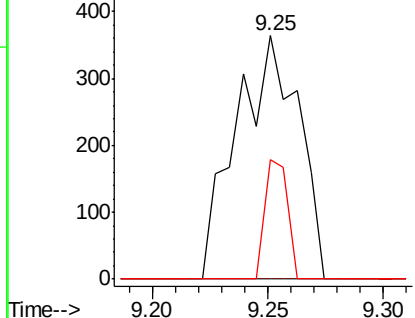


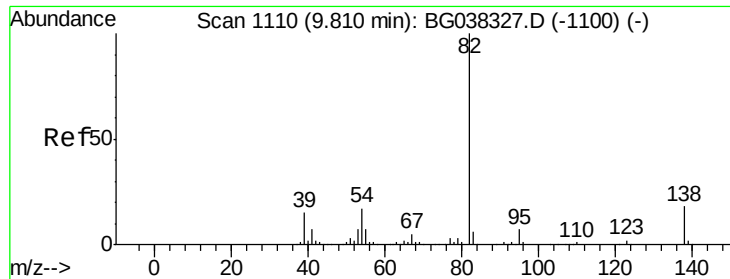
#24
 Nitrobenzene
 Concen: 0.252 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.04 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Tgt Ion: 77 Resp: 682
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.6 50.4#
 65 48.9 11.3 16.9#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.016 ng

RT: 9.39 min Scan# 1038

Delta R.T. -0.42 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

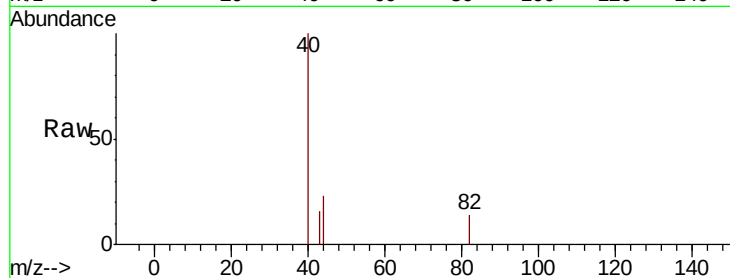
Tgt Ion: 82 Resp: 75

Ion Ratio Lower Upper

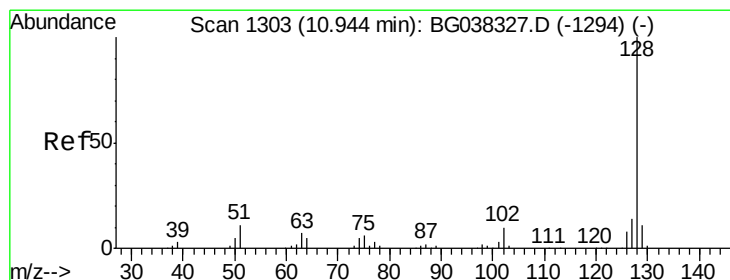
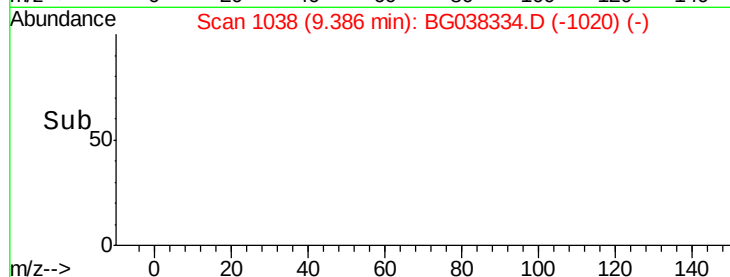
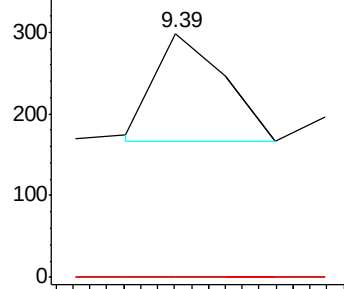
82 100

95 0.0 5.3 7.9#

138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#31

Naphthalene

Concen: 0.042 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

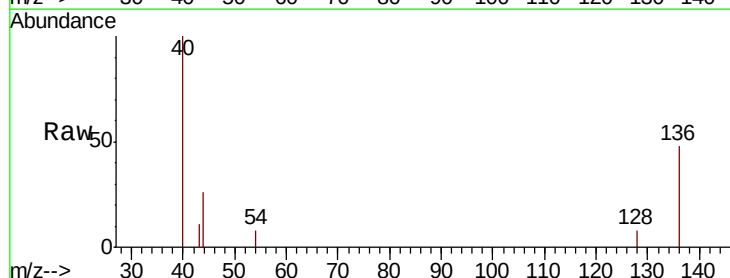
Tgt Ion: 128 Resp: 263

Ion Ratio Lower Upper

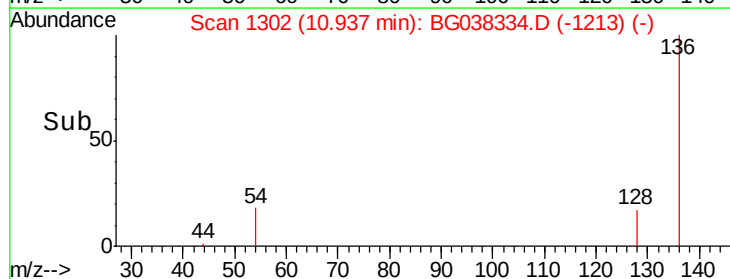
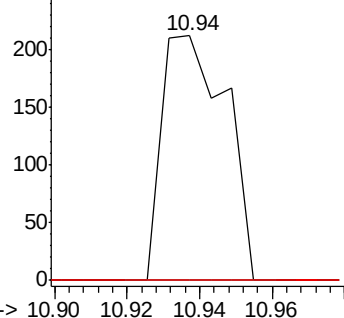
128 100

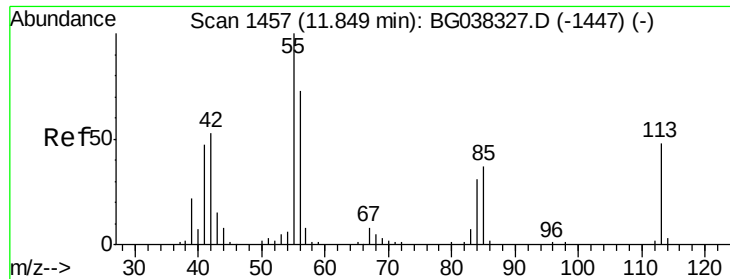
129 0.0 9.0 13.6#

127 0.0 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#35

Caprolactam

Concen: 0.753 ng

RT: 11.85 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

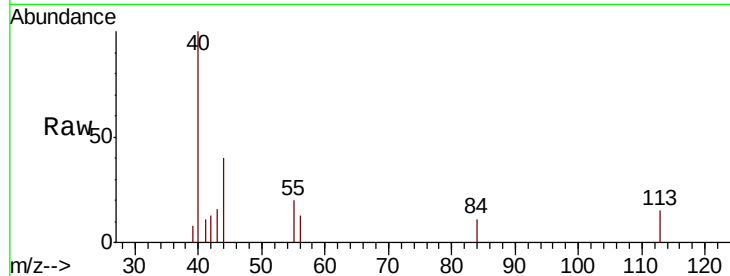
Tgt Ion:113 Resp: 640

Ion Ratio Lower Upper

113 100

55 133.3 176.6 216.6#

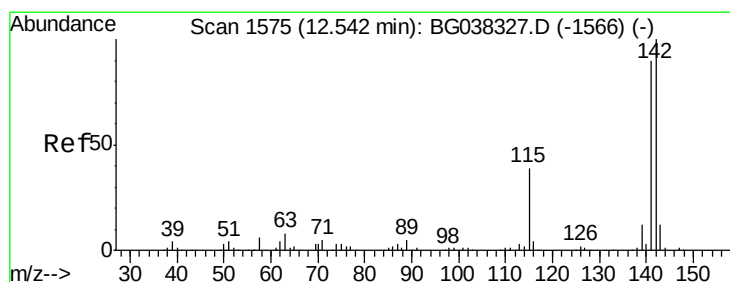
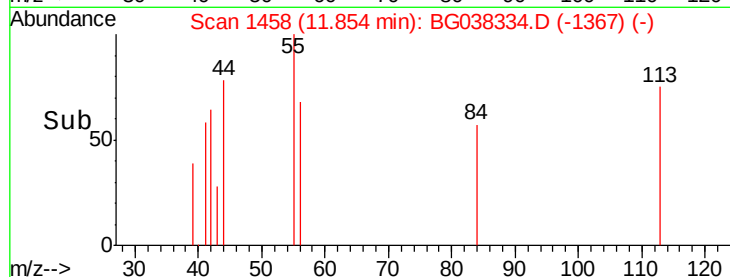
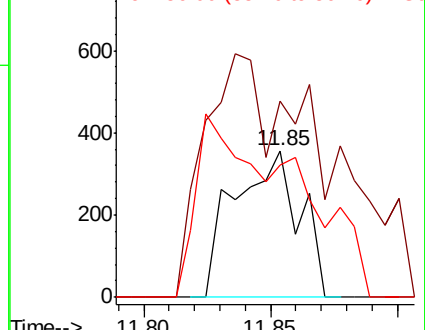
56 90.5 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#37

2-Methylnaphthalene

Concen: 0.034 ng

RT: 12.55 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

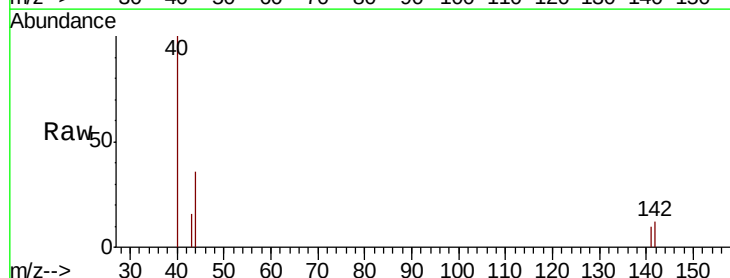
Tgt Ion:142 Resp: 151

Ion Ratio Lower Upper

142 100

141 79.0 71.9 107.9

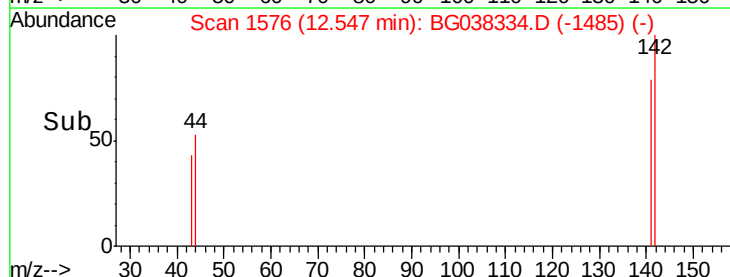
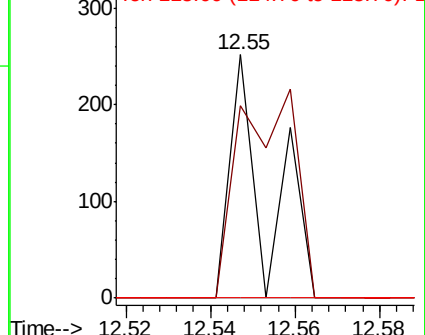
115 0.0 27.8 41.8#

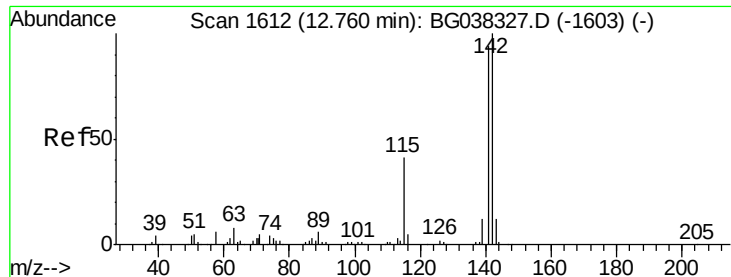


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

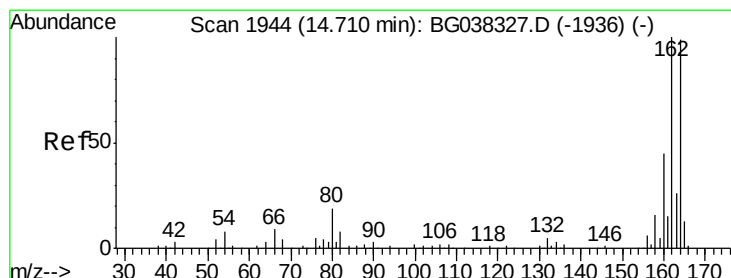
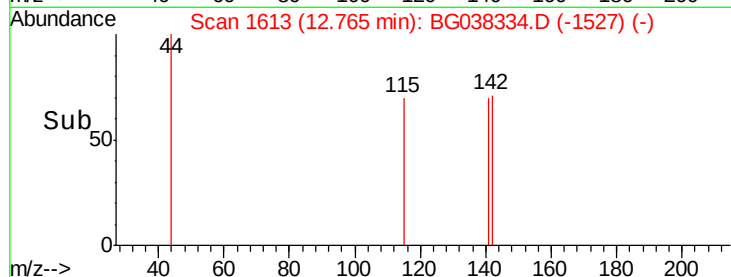
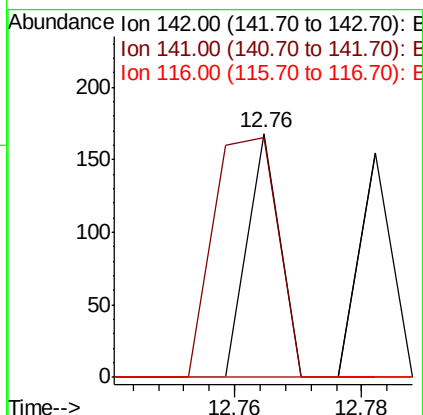
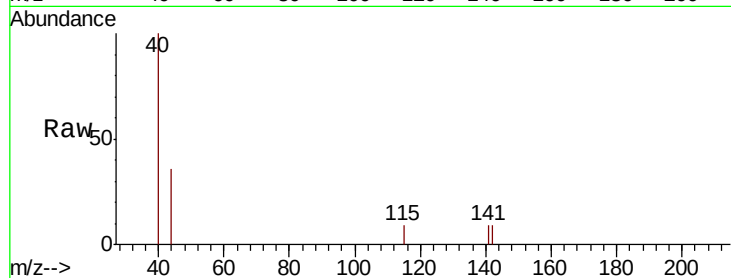




#38
1-Methylnaphthalene
Concen: 0.014 ng
RT: 12.76 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

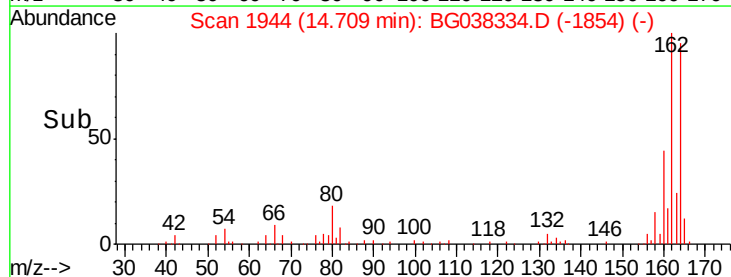
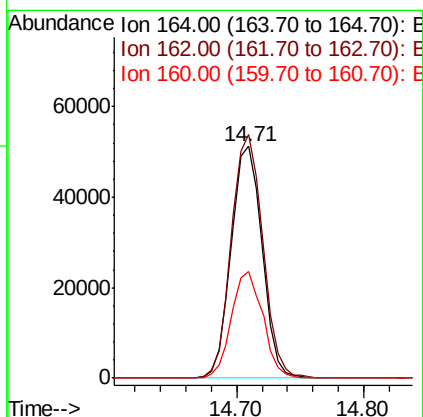
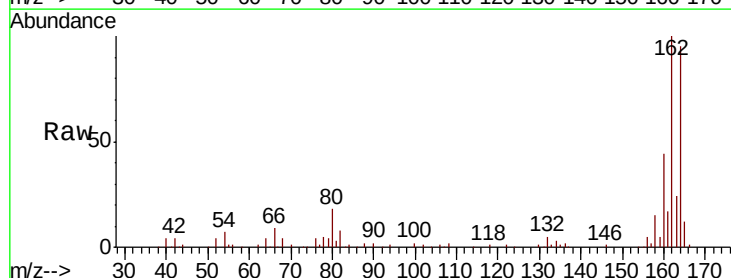
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

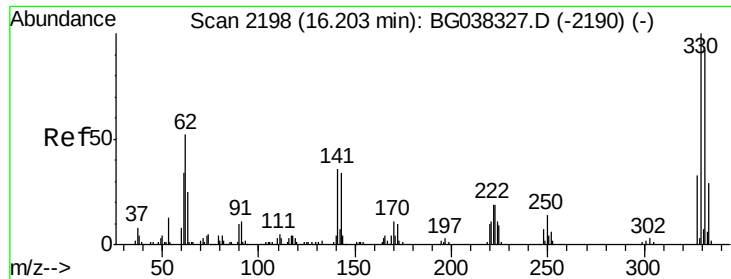
Tgt Ion:142 Resp: 59
Ion Ratio Lower Upper
142 100
141 98.2 75.2 112.8
116 0.0 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Tgt Ion:164 Resp: 86258
Ion Ratio Lower Upper
164 100
162 105.1 81.3 121.9
160 46.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 129.959 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

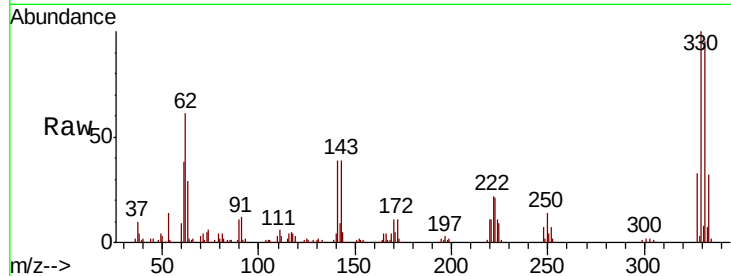
Tgt Ion:330 Resp: 137616

Ion Ratio Lower Upper

330 100

332 94.5 78.4 117.6

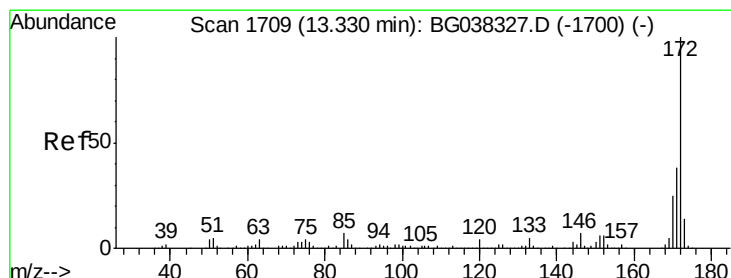
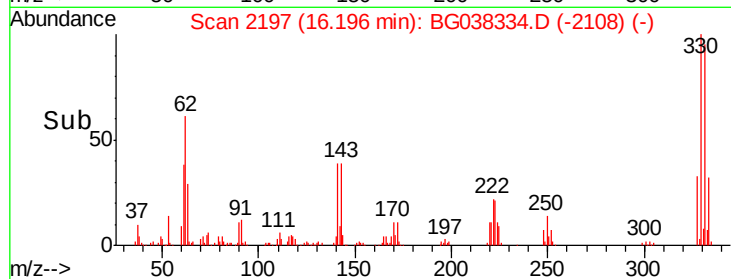
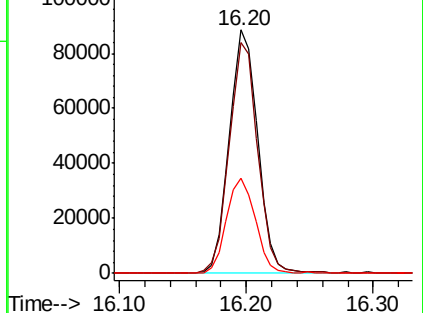
141 39.3 32.2 48.2



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: 75.018 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

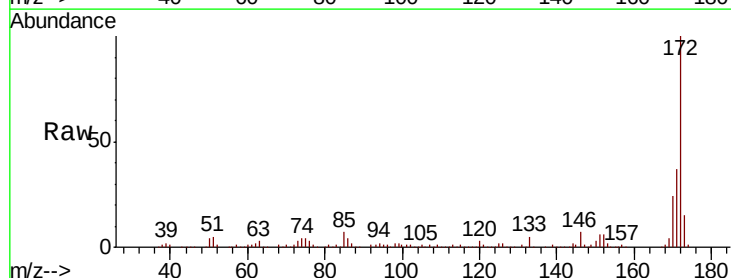
Tgt Ion:172 Resp: 454123

Ion Ratio Lower Upper

172 100

171 37.5 31.0 46.4

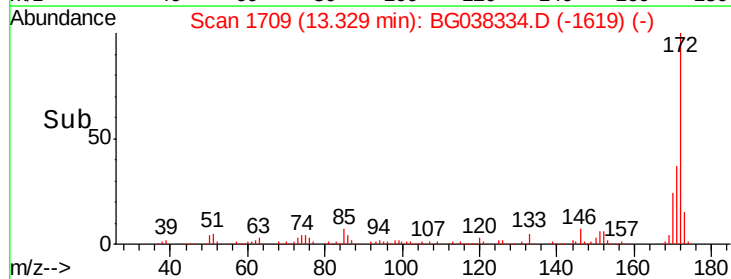
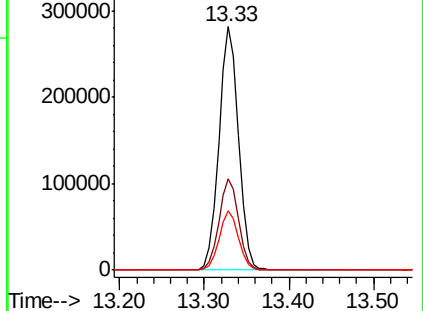
170 24.4 20.2 30.2

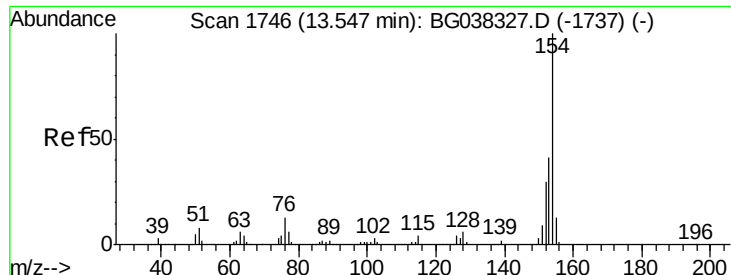


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

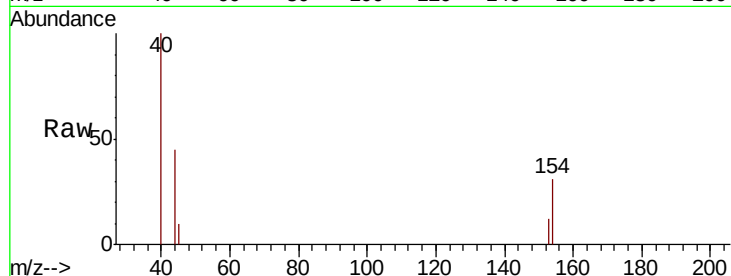




#46
 1,1'-Biphenyl
 Concen: 0.134 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-A

Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.8	22.1	62.1
76	0.0	0.0	33.2

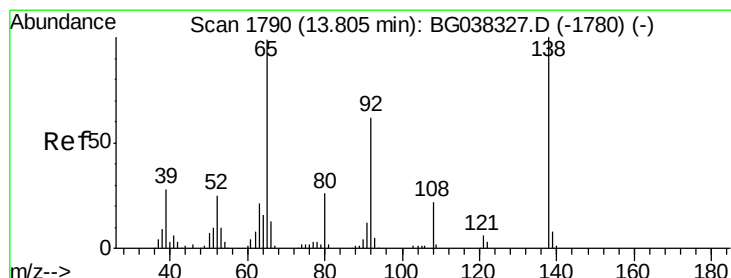
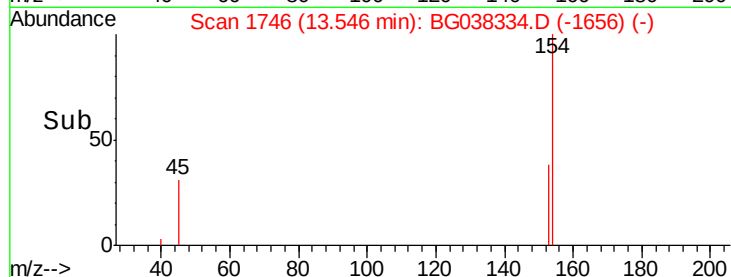
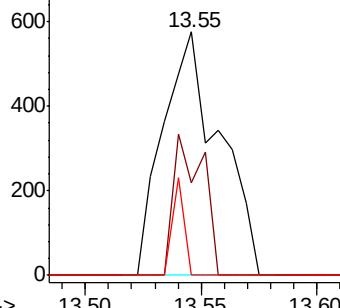


Abundance

Ion 154.00 (153.70 to 154.70): E

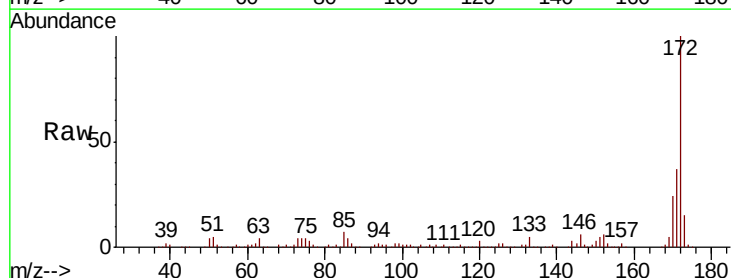
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#48
 2-Nitroaniline
 Concen: 0.380 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.48 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	186.9	53.2	79.8#
138	30.4	79.3	118.9#

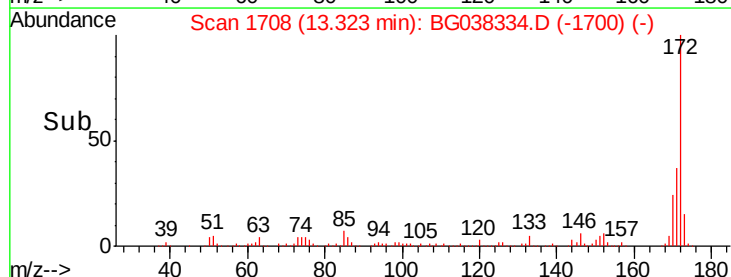
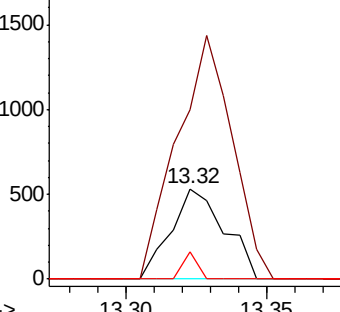


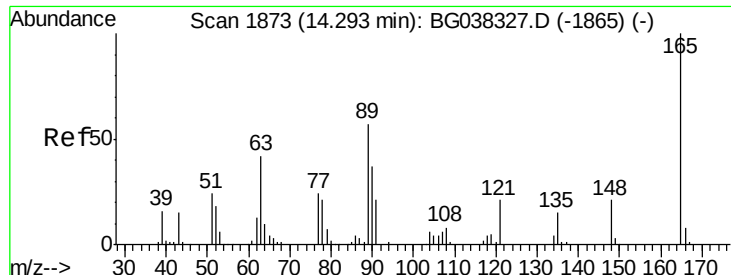
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

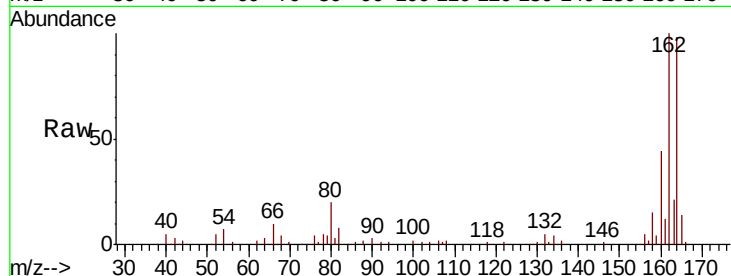




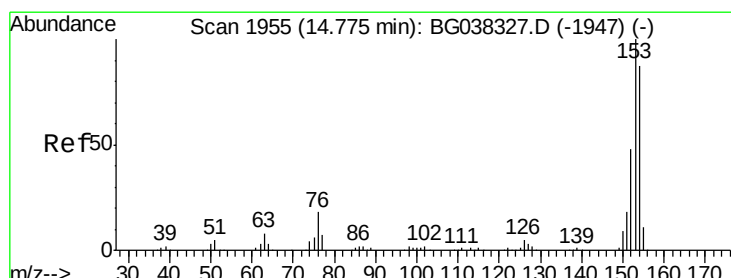
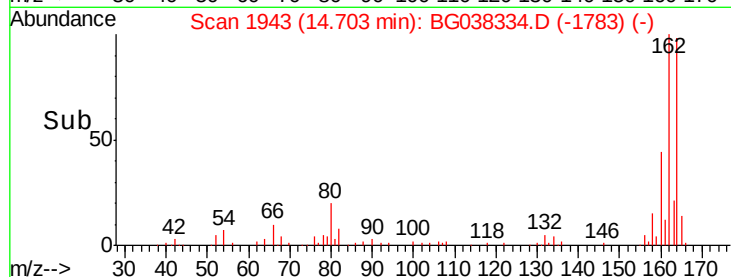
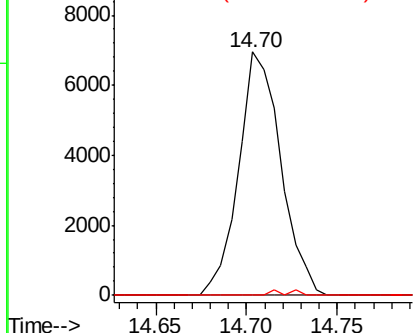
#51
 2,6-Dinitrotoluene
 Concen: 7.132 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-A

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

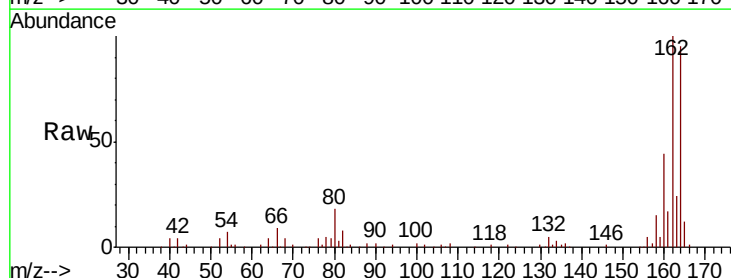


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

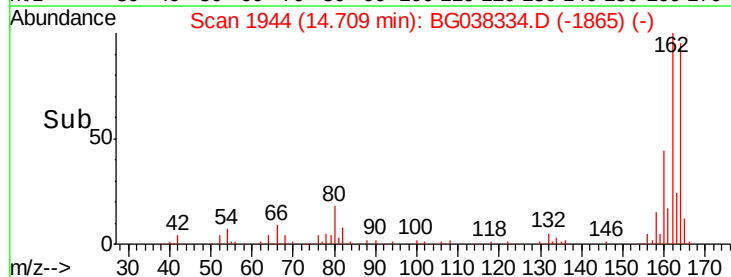
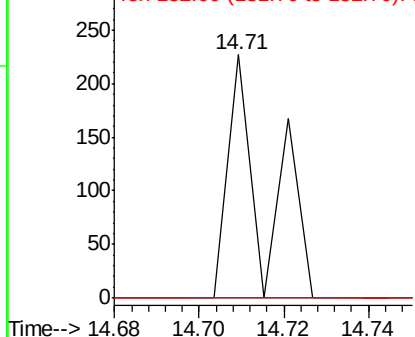


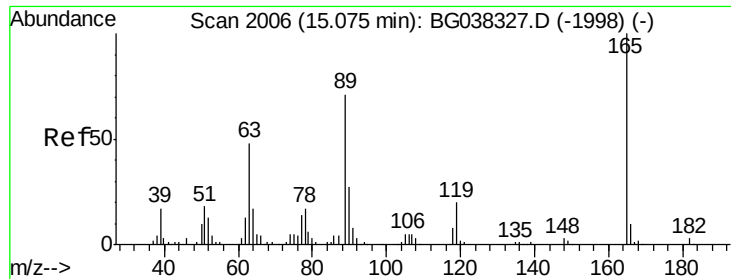
#52
 Acenaphthene
 Concen: 0.028 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.07 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	93.4	140.0#
152	0.0	44.7	67.1#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

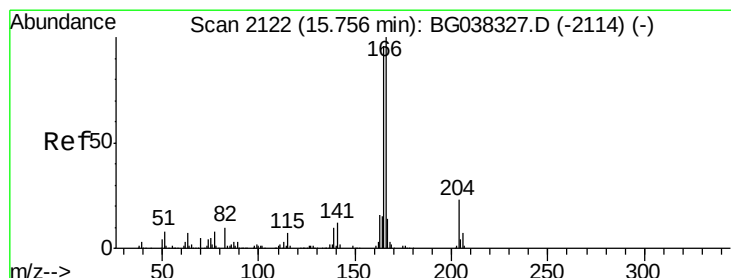
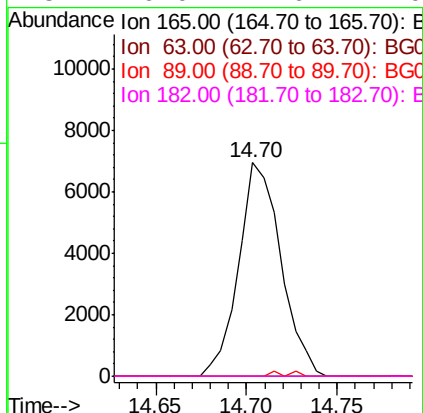
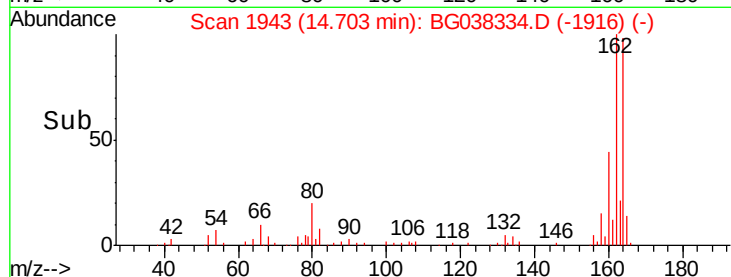
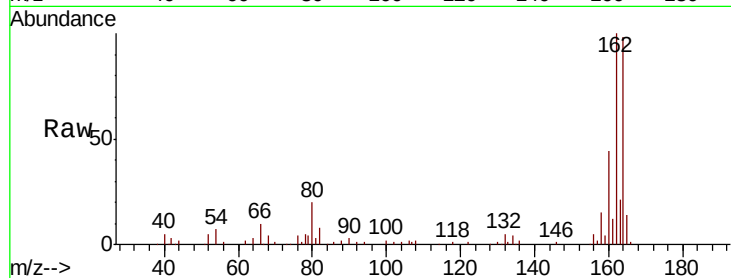




#57
 2,4-Dinitrotoluene
 Concen: 5.171 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

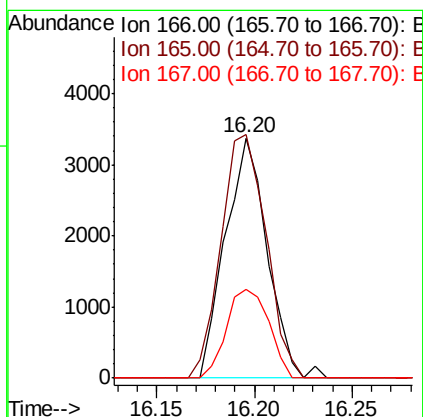
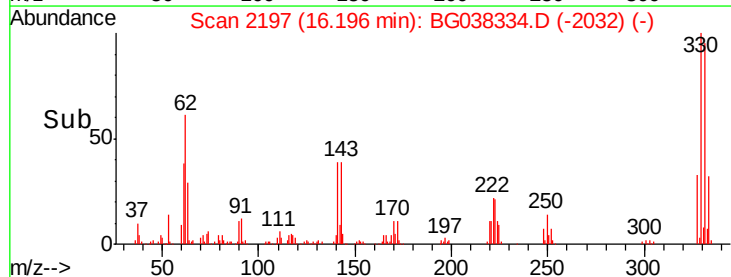
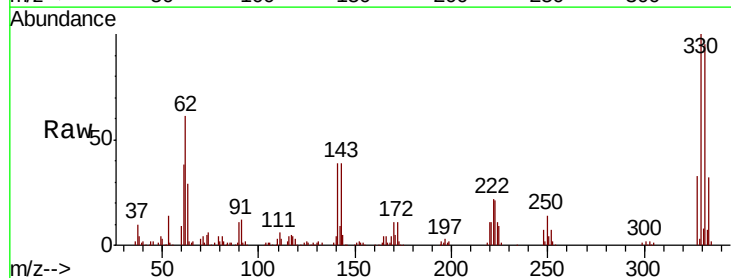
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-A

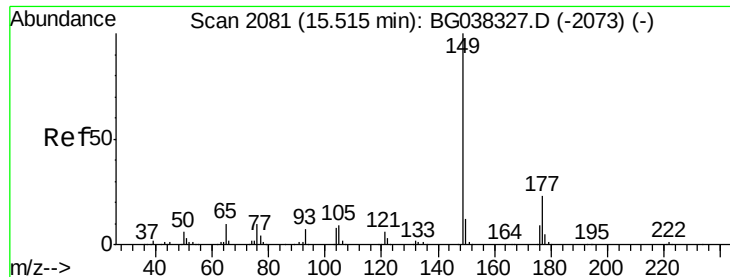
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#58
 Fluorene
 Concen: 0.816 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. 0.44 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	74.0	79.0	118.6#
167	27.1	11.3	16.9#

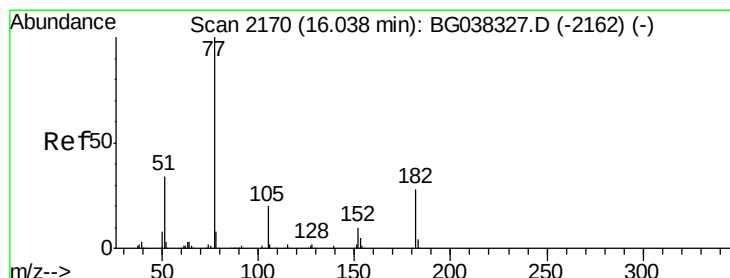
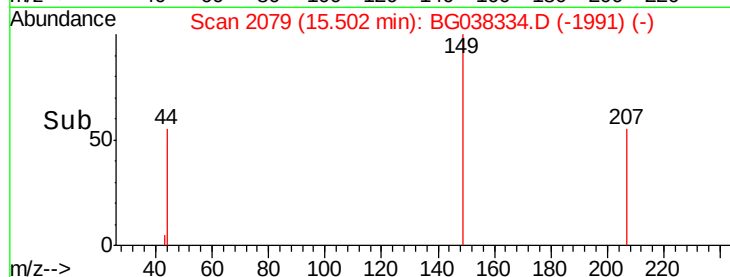
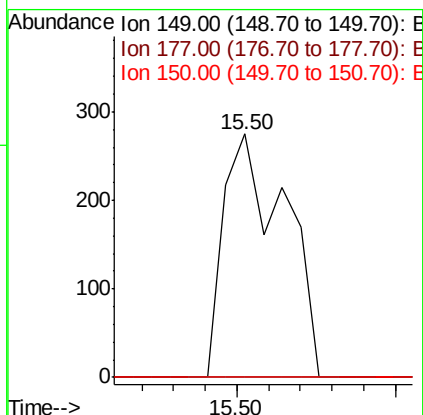
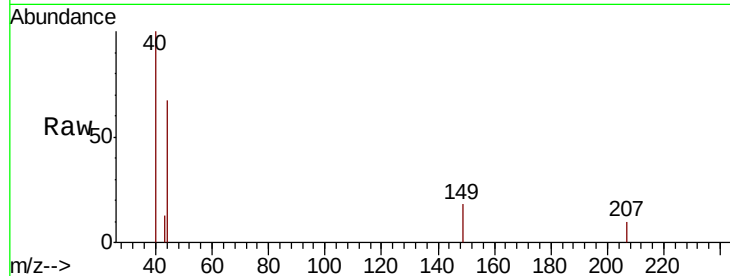




#60
Diethylphthalate
Concen: 0.048 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

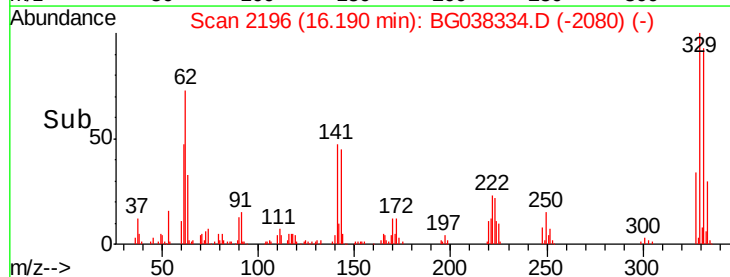
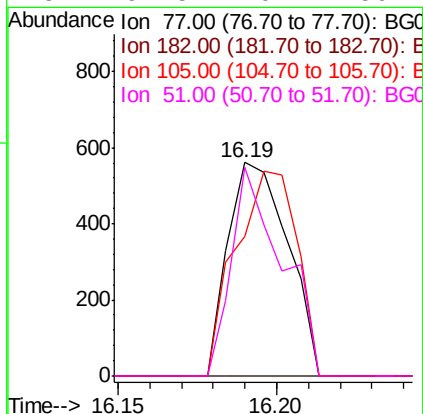
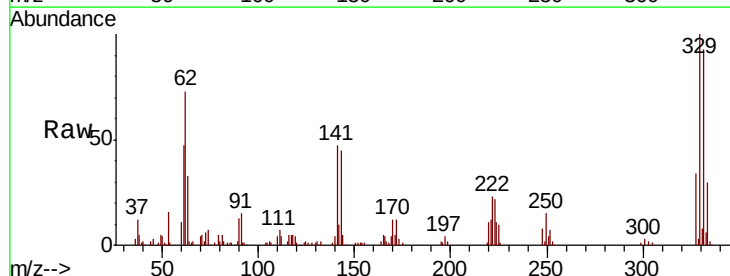
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

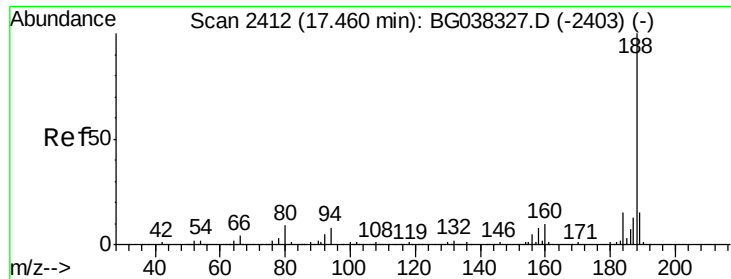
Tgt Ion: 149 Resp: 366
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.0 15.0#



#63
Azobenzene
Concen: 0.109 ng
RT: 16.19 min Scan# 2196
Delta R.T. 0.15 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Tgt Ion: 77 Resp: 732
Ion Ratio Lower Upper
77 100
182 0.0 8.0 48.0#
105 65.1 1.3 41.3#
51 97.5 10.7 50.7#

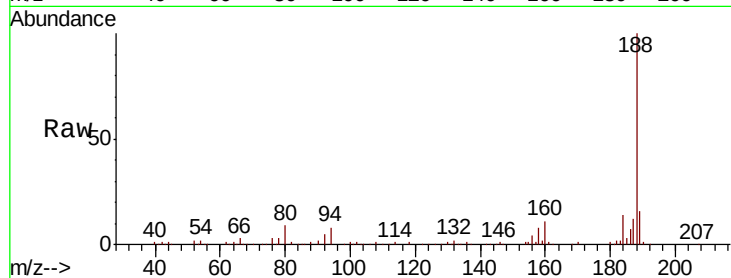




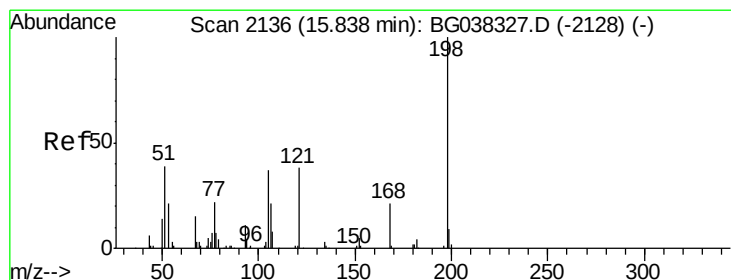
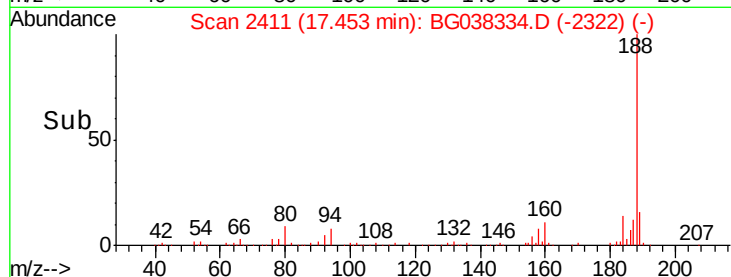
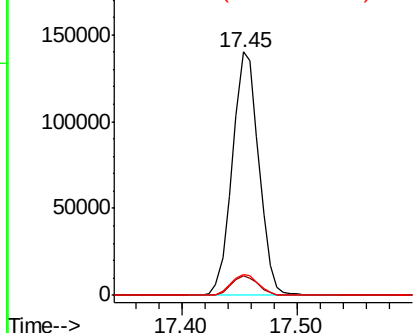
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

Tgt Ion:188 Resp: 222210
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.8 7.7 11.5

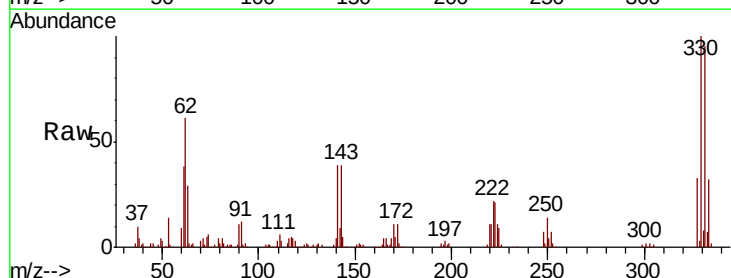


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

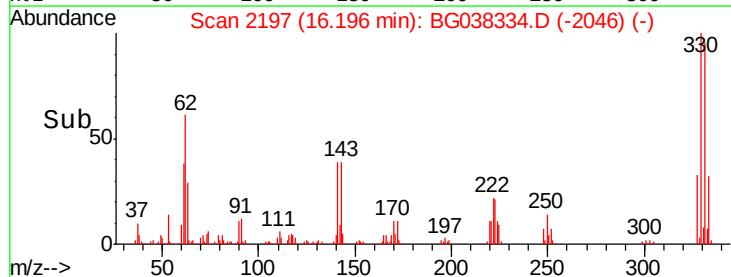
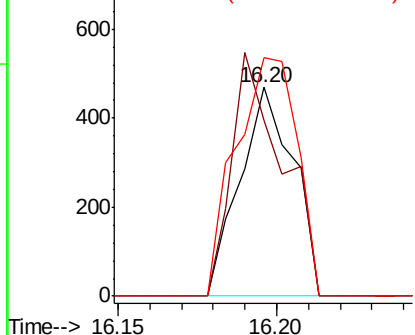


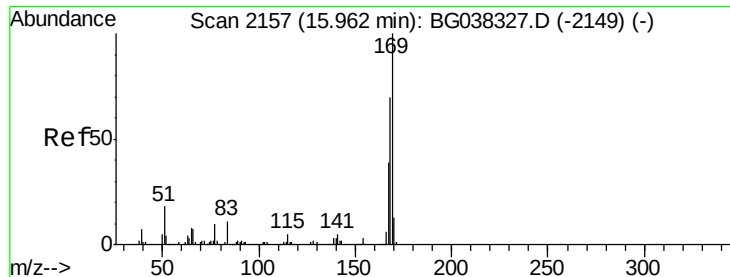
#65
4,6-Dinitro-2-methylphenol
Concen: 0.378 ng
RT: 16.20 min Scan# 2197
Delta R.T. 0.36 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Tgt Ion:198 Resp: 550
Ion Ratio Lower Upper
198 100
51 19.3 22.7 62.7#
105 26.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

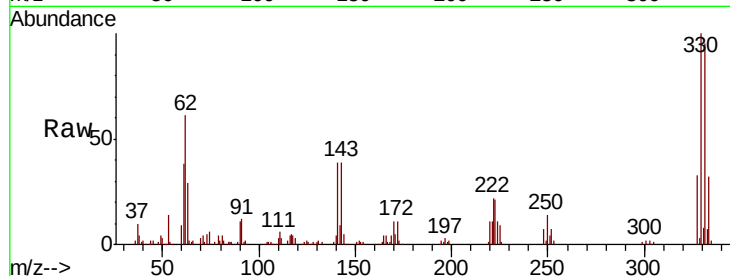




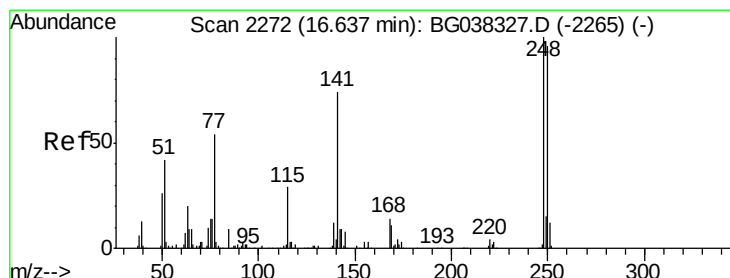
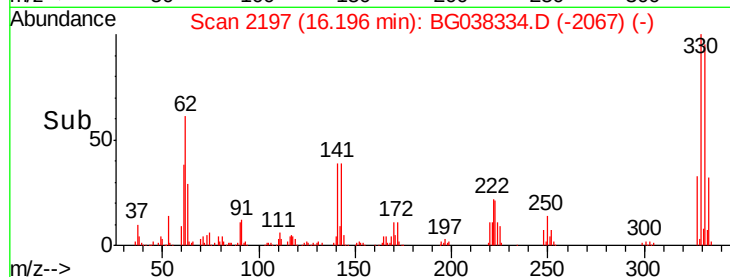
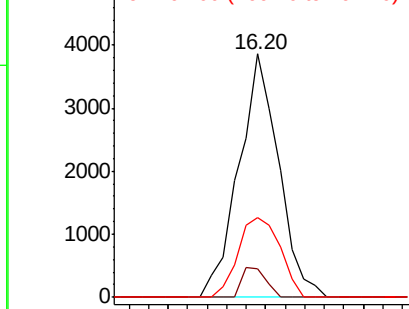
#66
 n-Nitrosodiphenylamine
 Concen: 0.873 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. 0.23 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-A

Tgt Ion:169 Resp: 5453
 Ion Ratio Lower Upper
 169 100
 168 11.9 55.7 83.5#
 167 32.5 31.3 46.9

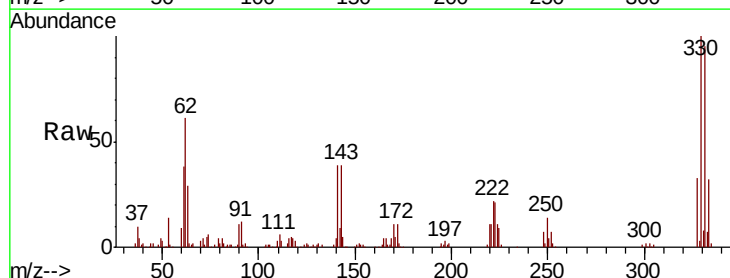


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

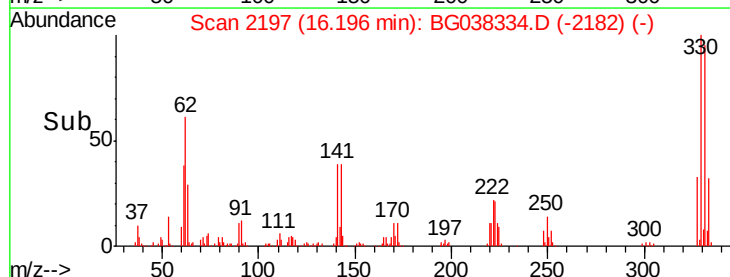
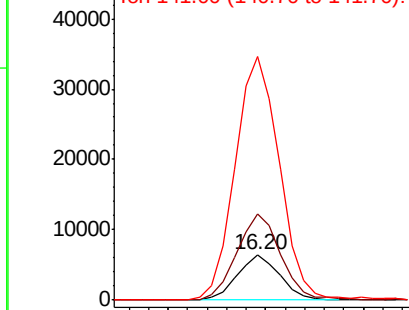


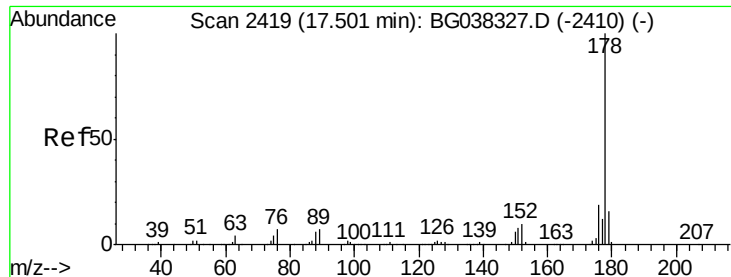
#67
 4-Bromophenyl-phenylether
 Concen: 3.954 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Tgt Ion:248 Resp: 9488
 Ion Ratio Lower Upper
 248 100
 250 190.3 77.0 115.6#
 141 415.3 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

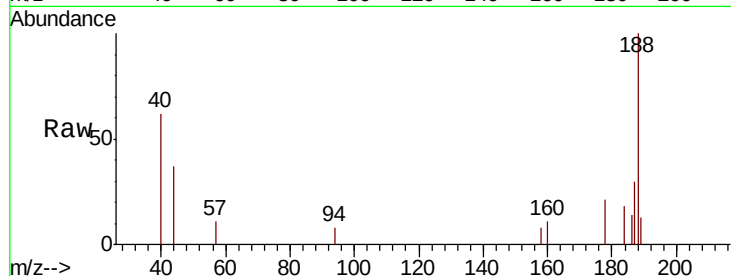




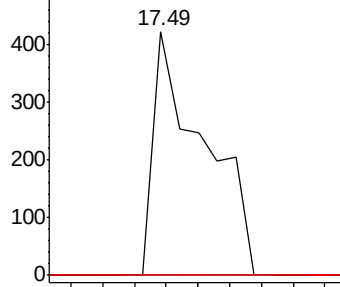
#71
Phenanthrene
Concen: 0.042 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

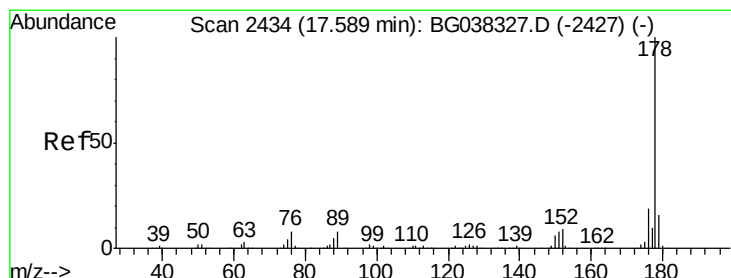
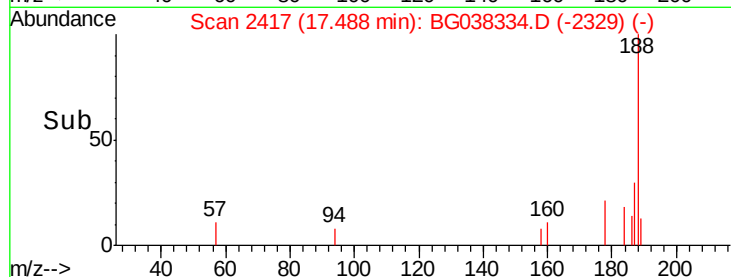
Tgt Ion:178 Resp: 468
Ion Ratio Lower Upper
178 100
176 0.0 16.1 24.1#
179 0.0 13.0 19.4#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

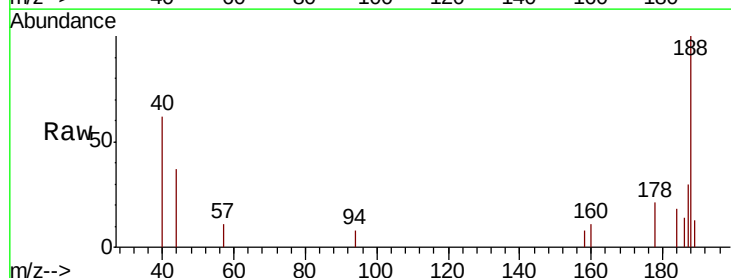


Time-->

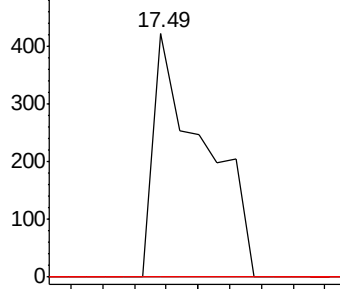


#72
Anthracene
Concen: 0.043 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.10 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

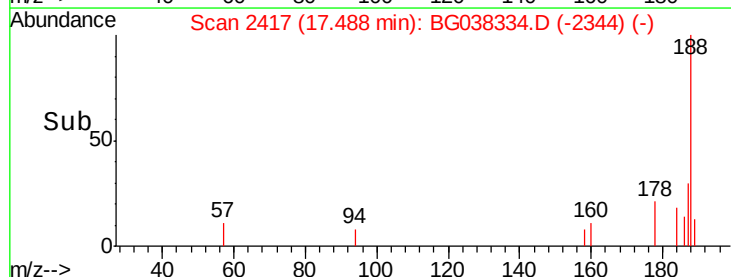
Tgt Ion:178 Resp: 468
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.4#
179 0.0 12.8 19.2#

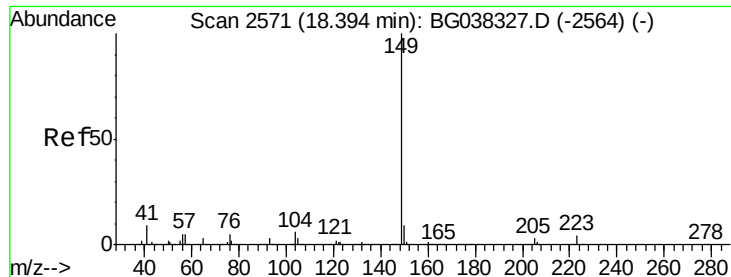


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

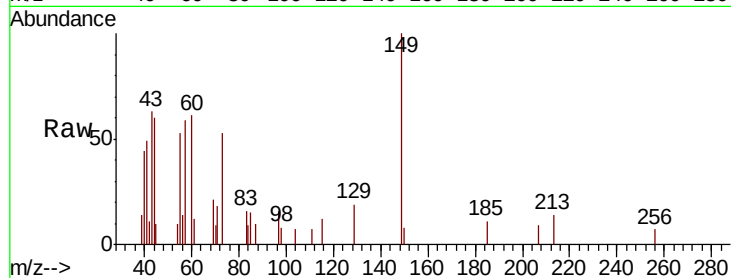




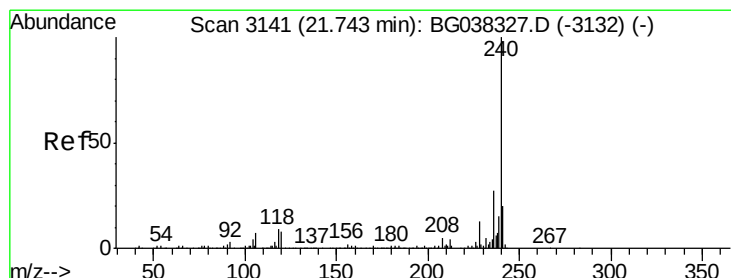
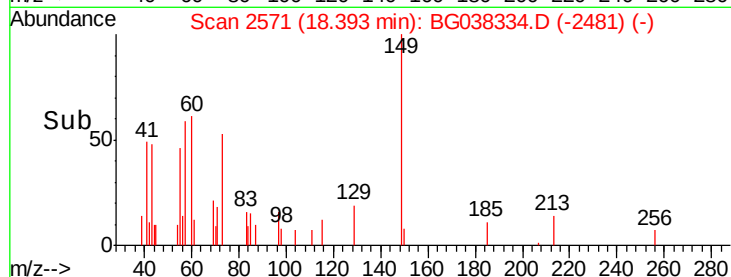
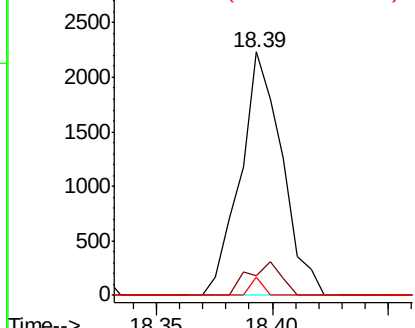
#74
Di-n-butylphthalate
Concen: 0.224 ng
RT: 18.39 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

Tgt Ion:149 Resp: 2795
Ion Ratio Lower Upper
149 100
150 7.9 8.2 12.2#
104 7.3 4.0 6.0#

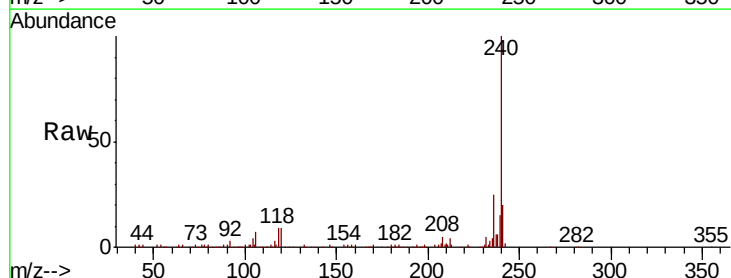


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

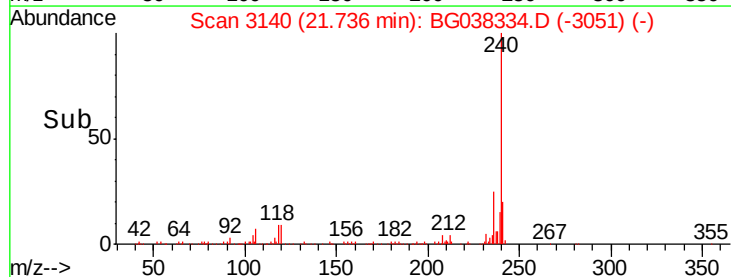
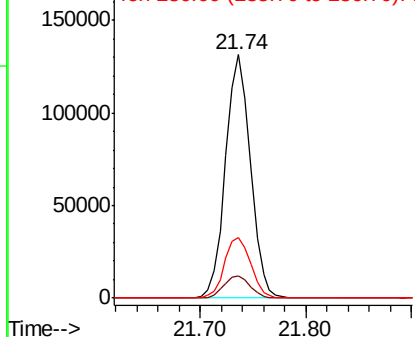


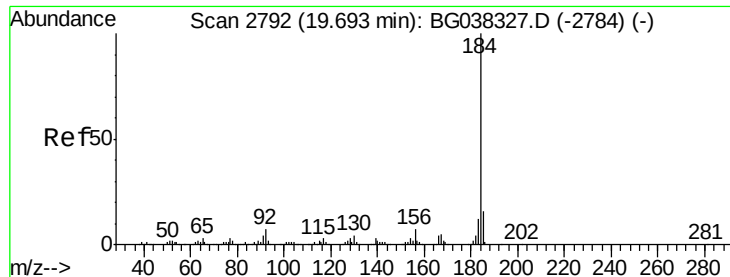
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Tgt Ion:240 Resp: 215389
Ion Ratio Lower Upper
240 100
120 8.9 8.1 12.1
236 24.7 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





#77

Benzidine

Concen: 1.989 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.36 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

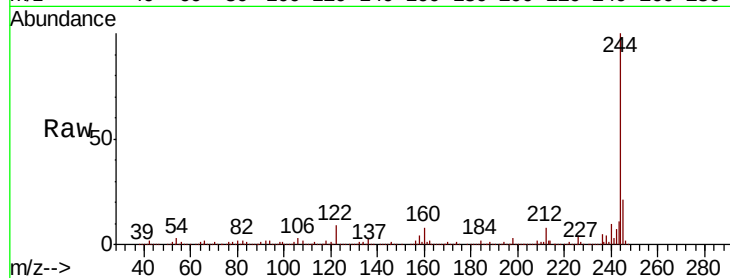
Tgt Ion:184 Resp: 14453

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

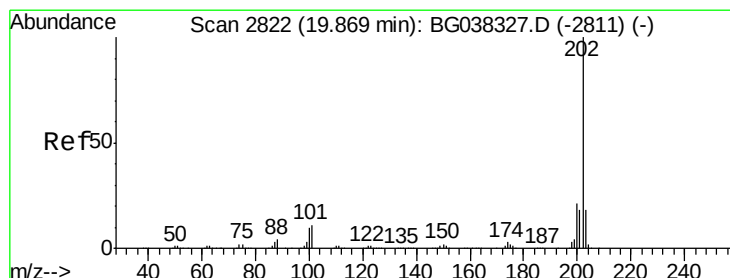
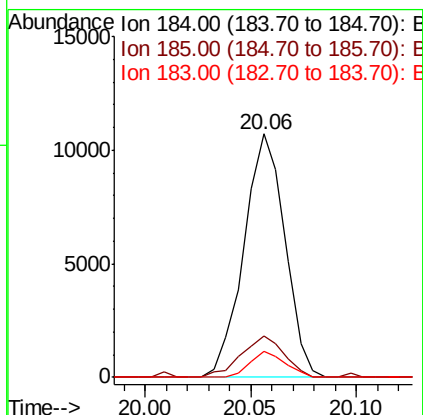
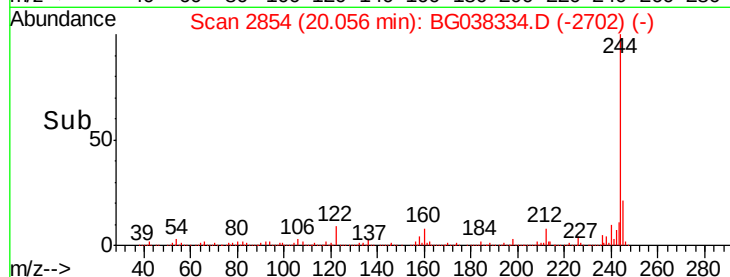
183 10.9 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.213 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.19 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

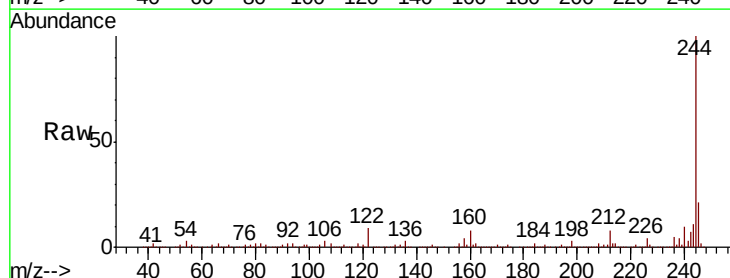
Tgt Ion:202 Resp: 3205

Ion Ratio Lower Upper

202 100

200 50.4 17.8 26.6#

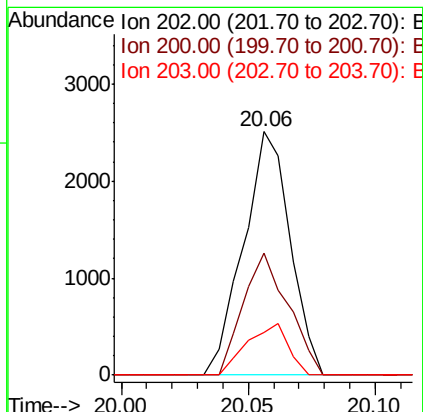
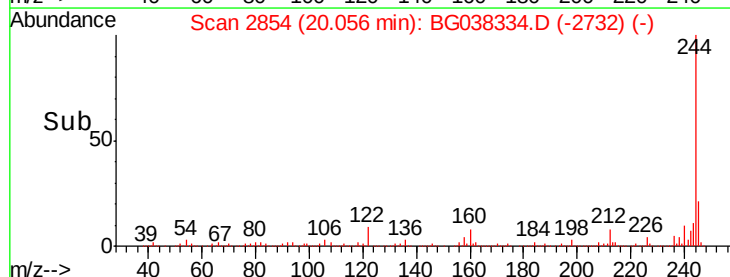
203 17.6 15.2 22.8

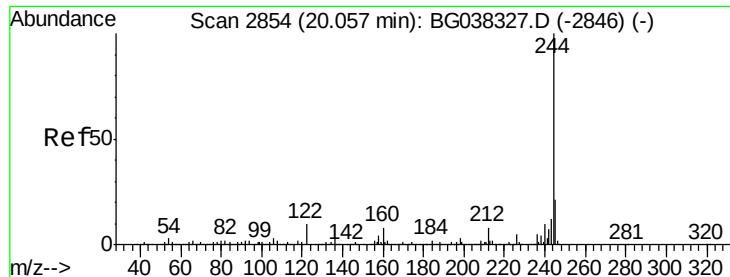


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.166 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

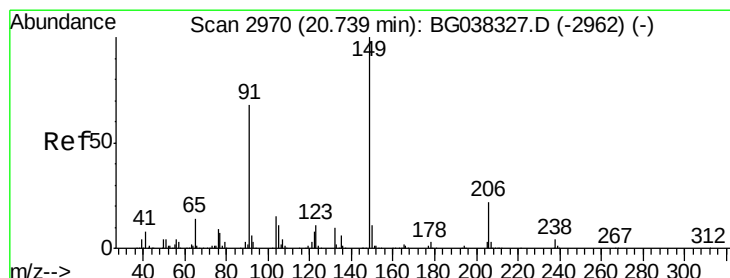
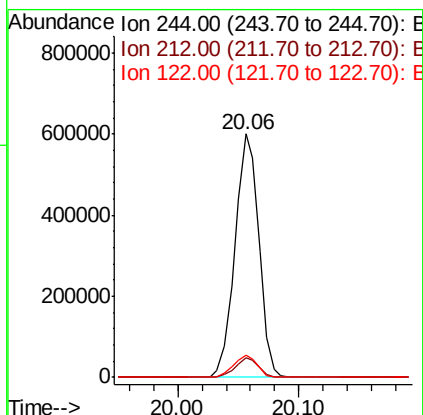
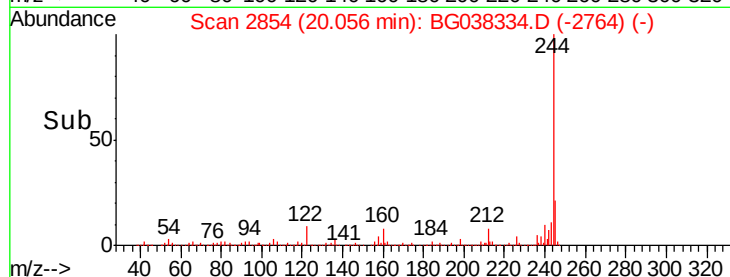
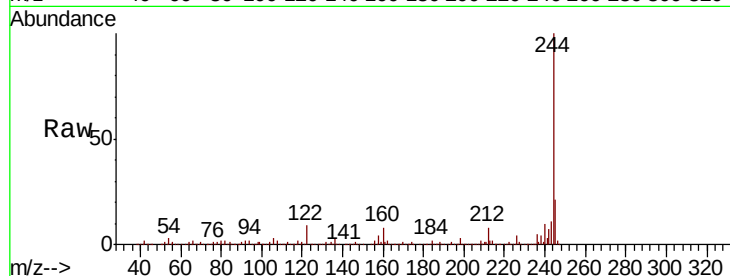
Tgt Ion:244 Resp: 826117

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 9.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 0.010 ng

RT: 21.05 min Scan# 3023

Delta R.T. 0.31 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

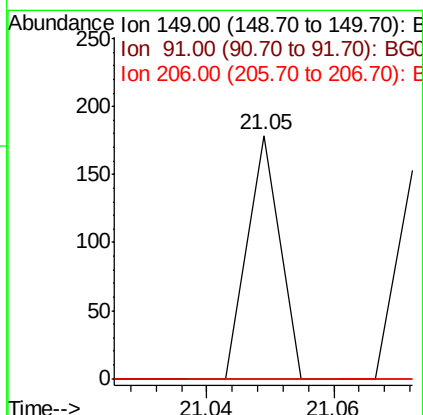
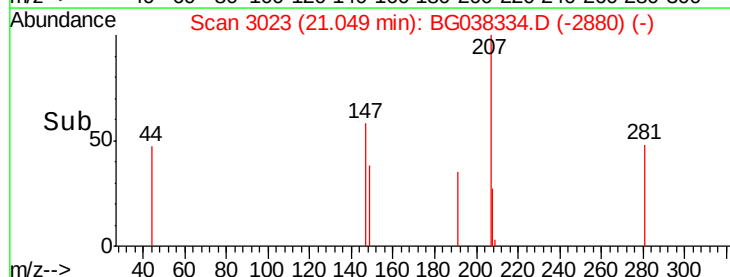
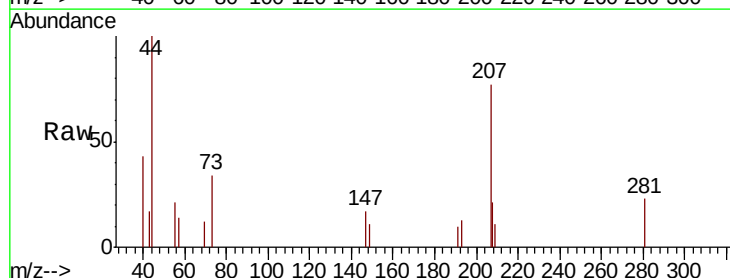
Tgt Ion:149 Resp: 63

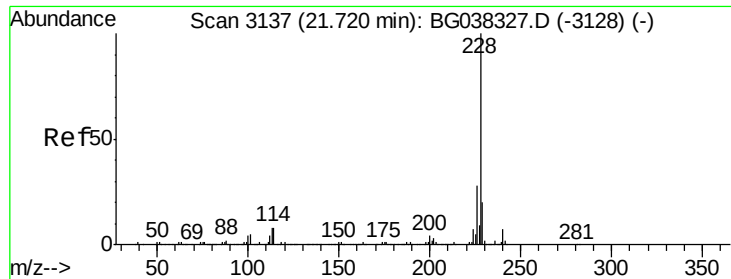
Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

206 0.0 17.8 26.6#





#81

Benzo(a)anthracene

Concen: 0.045 ng

RT: 21.73 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

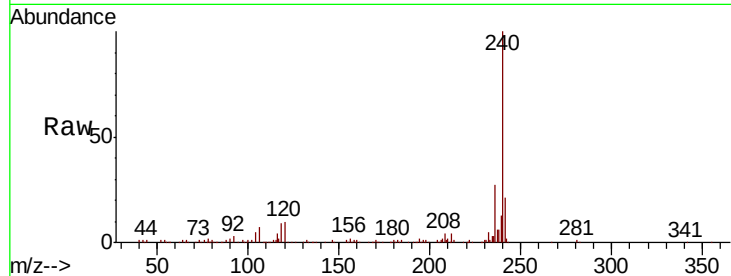
Tgt Ion:228 Resp: 601

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

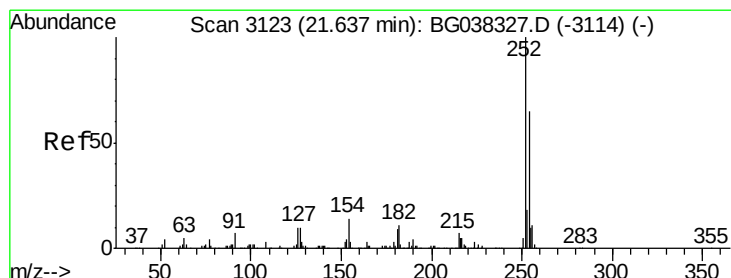
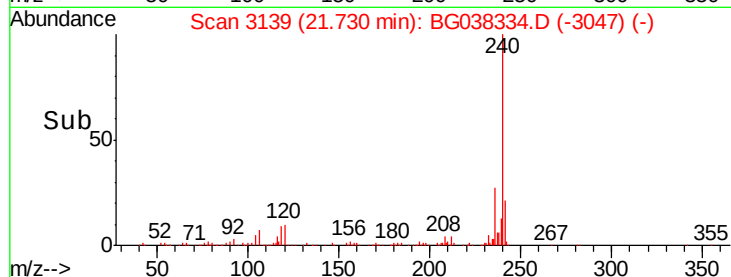
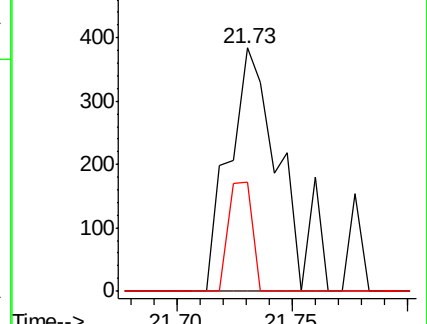
229 44.8 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.030 ng

RT: 21.65 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

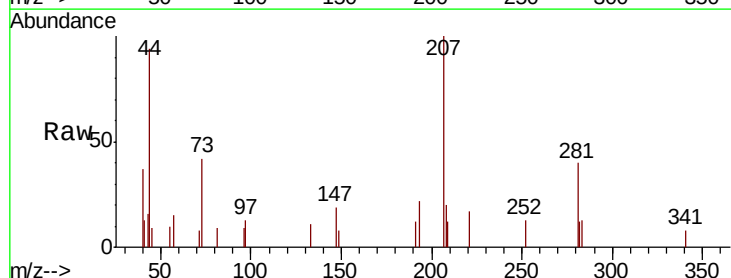
Tgt Ion:252 Resp: 157

Ion Ratio Lower Upper

252 100

254 0.0 52.0 78.0#

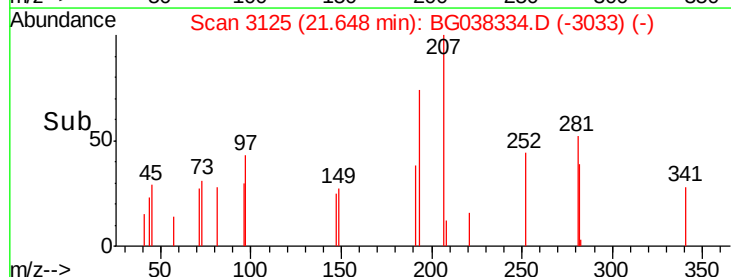
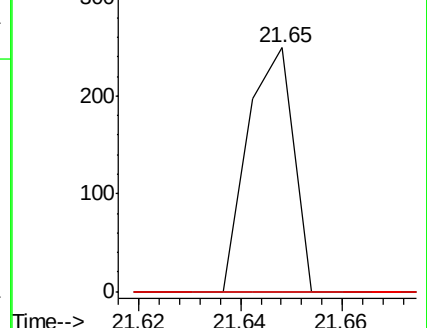
126 0.0 8.2 12.4#

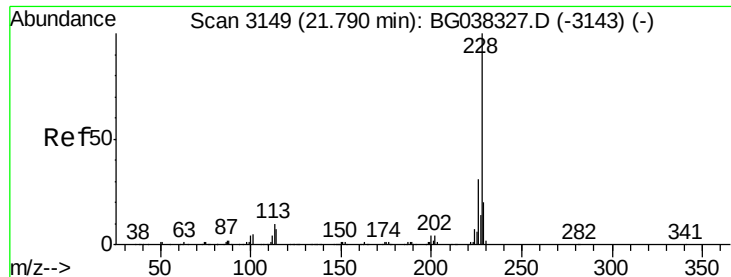


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.004 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

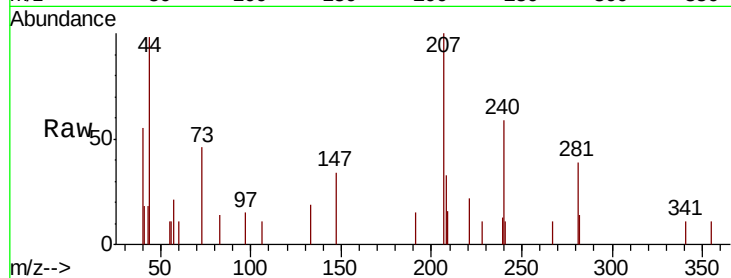
Tgt Ion: 228 Resp: 54

Ion Ratio Lower Upper

228 100

226 0.0 25.7 38.5#

229 0.0 16.5 24.7#

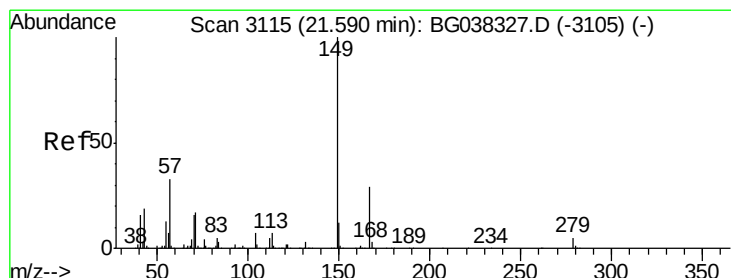
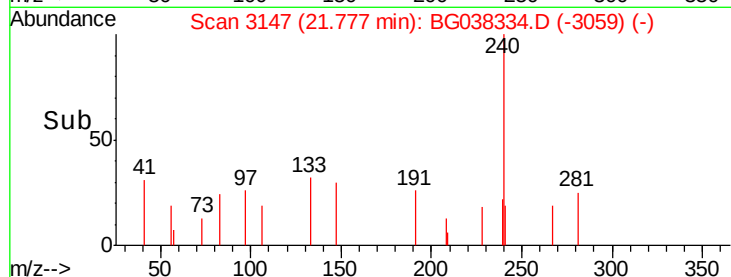
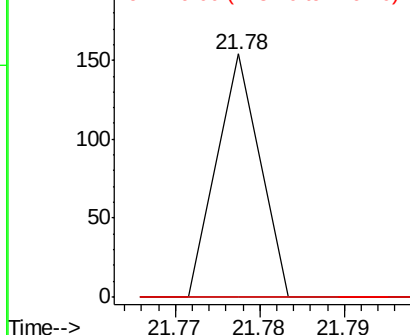


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.177 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

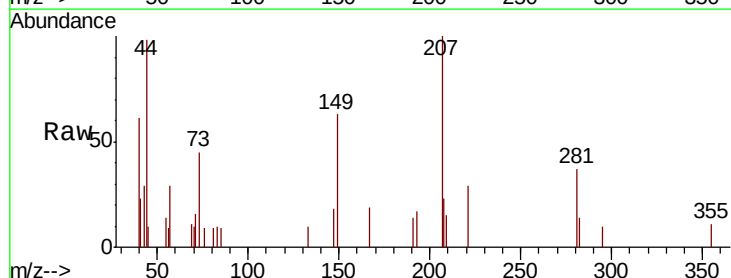
Tgt Ion: 149 Resp: 1524

Ion Ratio Lower Upper

149 100

167 30.1 23.0 34.4

279 0.0 3.6 5.4#

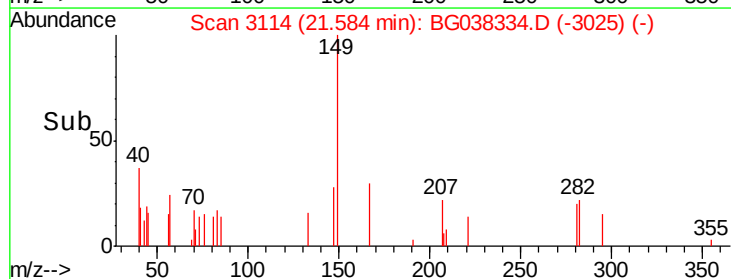
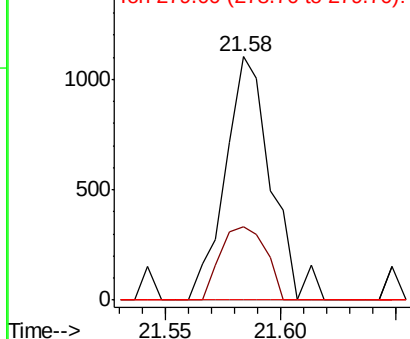


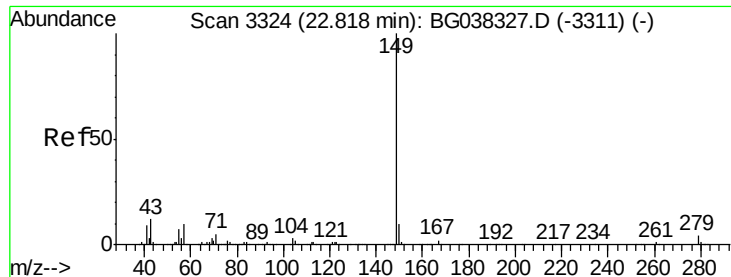
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

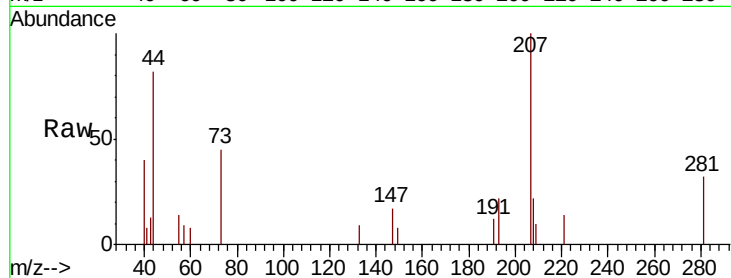




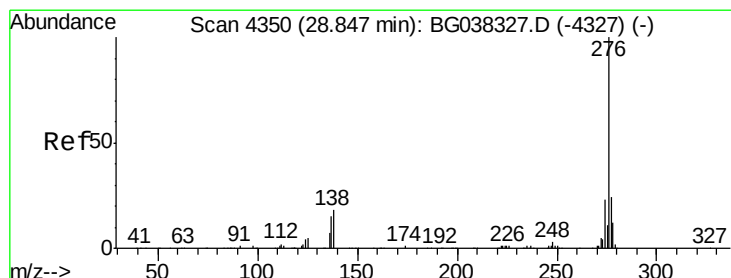
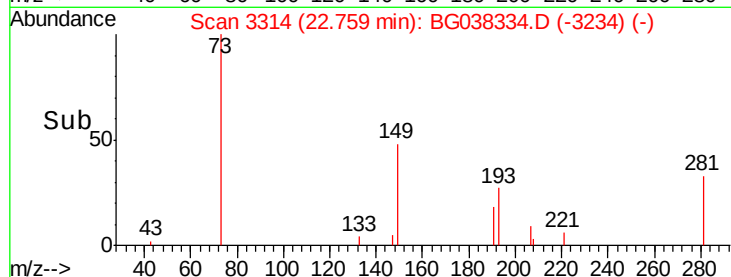
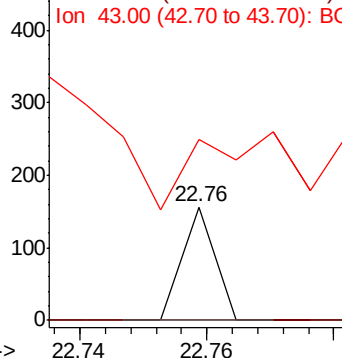
#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.76 min Scan# 3314
Delta R.T. -0.06 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

Tgt Ion:149 Resp: 55
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 192.7 8.7 13.1#

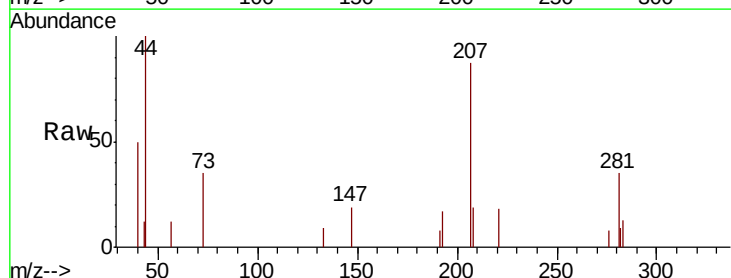


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

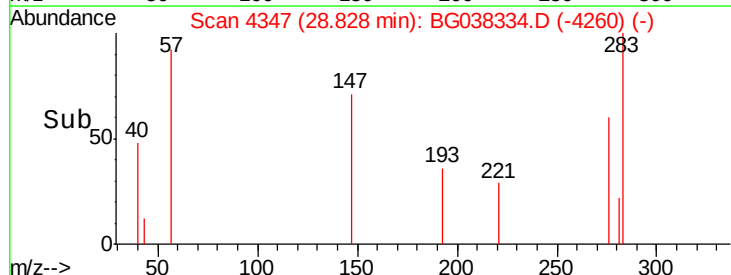
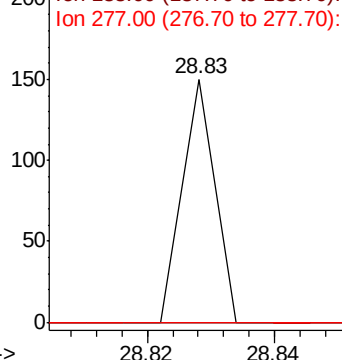


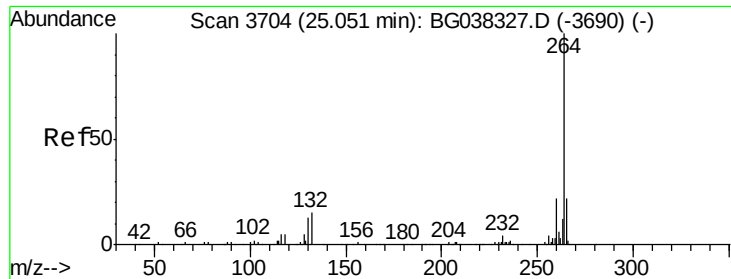
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Tgt Ion:276 Resp: 53
Ion Ratio Lower Upper
276 100
138 0.0 12.0 18.0#
277 0.0 20.6 30.8#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

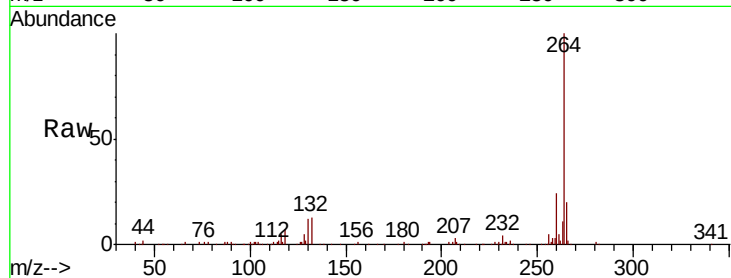
Tgt Ion:264 Resp: 228910

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 20.1 17.9 26.9

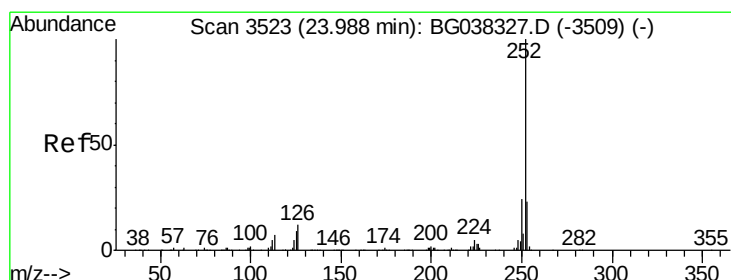
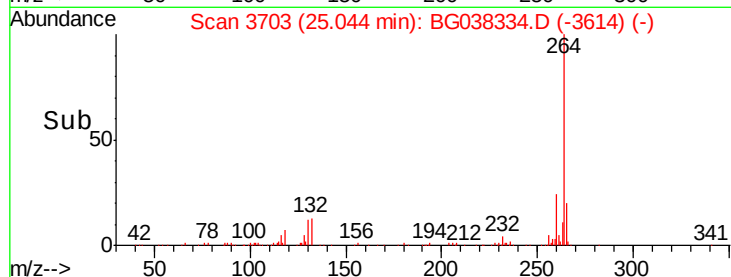
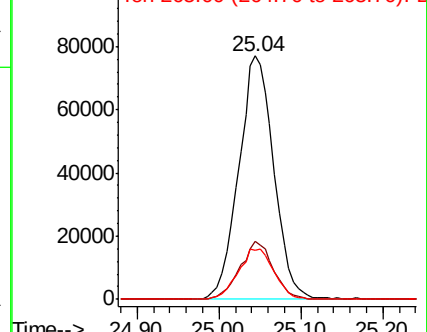


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 0.014 ng

RT: 24.00 min Scan# 3525

Delta R.T. 0.01 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

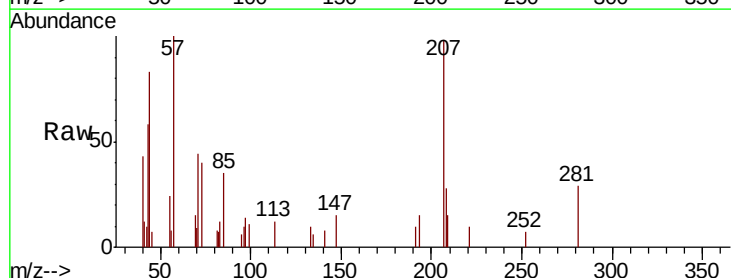
Tgt Ion:252 Resp: 175

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

125 0.0 7.8 11.6#

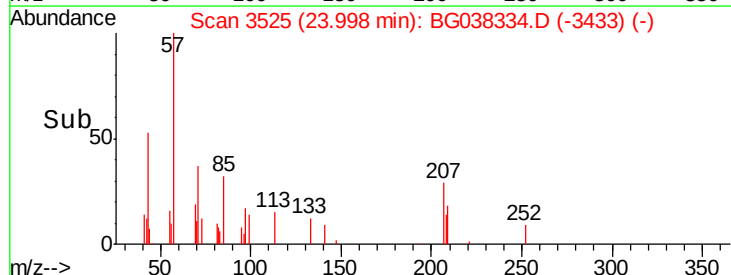
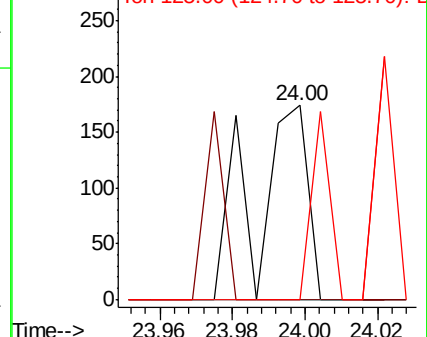


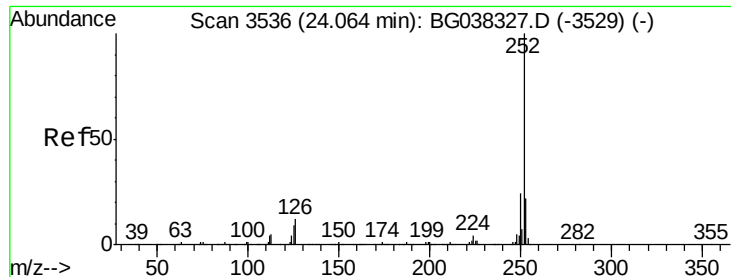
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

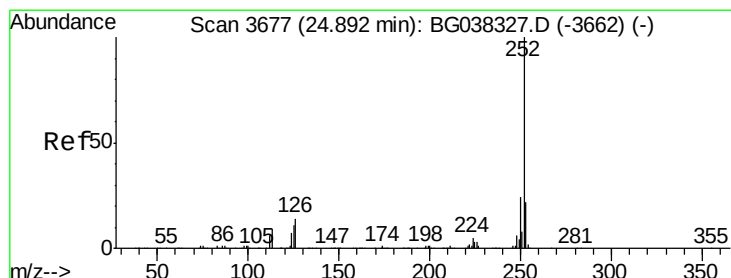
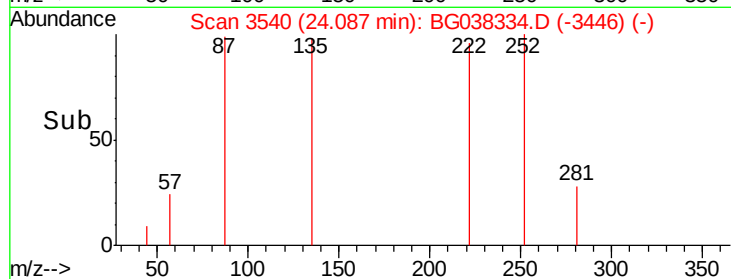
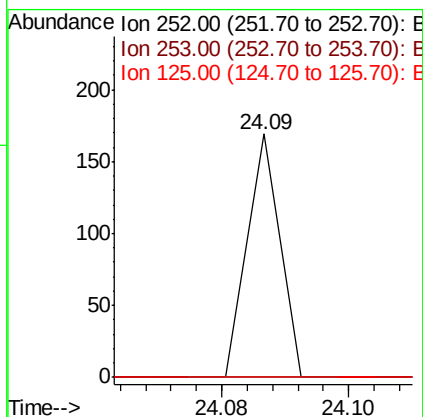
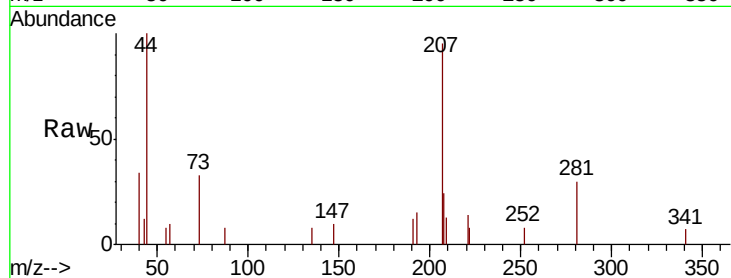




#89
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 24.09 min Scan# 3540
Delta R.T. 0.02 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

Tgt Ion: 252 Resp: 60
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 0.006 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.02 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Tgt Ion: 252 Resp: 75
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 9.0 13.6#

