

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040092.D
 Acq On : 22 Mar 2019 20:55
 Operator : JU/SJ
 Sample : K2032-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:10:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41927	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	192084	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	137177	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	324838	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	313737	20.00	ng	-0.03
87) Perylene-d12	25.16	264	314408	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	90387	36.78	ng	-0.02
7) Phenol-d6	7.29	99	83468	22.78	ng	-0.02
23) Nitrobenzene-d5	9.32	82	263766	74.27	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	119875	74.97	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	684985	71.10	ng	-0.02
79) Terphenyl-d14	20.11	244	907691	63.70	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.64	88	133	0.117	ng	# 1
4) n-Nitrosodimethylamine	3.92	42	62	0.043	ng	# 1
6) Aniline	7.67	93	78	0.016	ng	# 1
9) Benzaldehyde	7.28	77	61	0.026	ng	# 4
10) Phenol	7.31	94	3856	0.971	ng	# 88
11) bis(2-Chloroethyl)ether	7.67	93	78	0.025	ng	# 1
15) Benzyl Alcohol	8.46	79	3862	1.329	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	8.83	45	66	0.011	ng	# 75
19) n-Nitroso-di-n-propylamine	9.32	70	34015	12.896	ng	# 69
24) Nitrobenzene	9.32	77	766	0.206	ng	# 13
25) Isophorone	9.42	82	444	0.060	ng	# 67
46) 1,1'-Biphenyl	13.61	154	1041	0.092	ng	# 91
48) 2-Nitroaniline	14.21	65	195	0.071	ng	# 1
50) Dimethylphthalate	14.21	163	28078	2.448	ng	# 97
51) 2,6-Dinitrotoluene	14.77	165	17406	7.158	ng	# 24
52) Acenaphthene	14.79	154	55	0.007	ng	# 5
56) 4-Nitrophenol	14.74	139	53	0.024	ng	# 60
57) 2,4-Dinitrotoluene	14.77	165	17406	5.094	ng	# 19
58) Fluorene	16.26	166	5070	0.469	ng	# 96
60) Diethylphthalate	15.57	149	235	0.021	ng	# 58
63) Azobenzene	16.26	77	785	0.076	ng	# 33
65) 4,6-Dinitro-2-methylphenol	16.26	198	333	0.173	ng	# 2
66) n-Nitrosodiphenylamine	16.25	169	4994	0.531	ng	# 54
67) 4-Bromophenyl-phenylether	16.25	248	8892	2.446	ng	# 1
71) Phenanthrene	17.56	178	233	0.013	ng	# 59
72) Anthracene	17.56	178	233	0.013	ng	# 60
73) Carbazole	17.52	167	56	0.004	ng	# 57
74) Di-n-butylphthalate	18.46	149	457	0.025	ng	# 77
75) Fluoranthene	19.57	202	56	0.003	ng	# 63
77) Benzidine	20.11	184	15014	1.508	ng	# 94
78) Pyrene	20.11	202	3678	0.180	ng	# 74
80) Butylbenzylphthalate	20.78	149	53	0.007	ng	# 22
81) Benzo(a)anthracene	21.80	228	814	0.041	ng	# 44
83) Chrysene	21.80	228	814	0.043	ng	# 42

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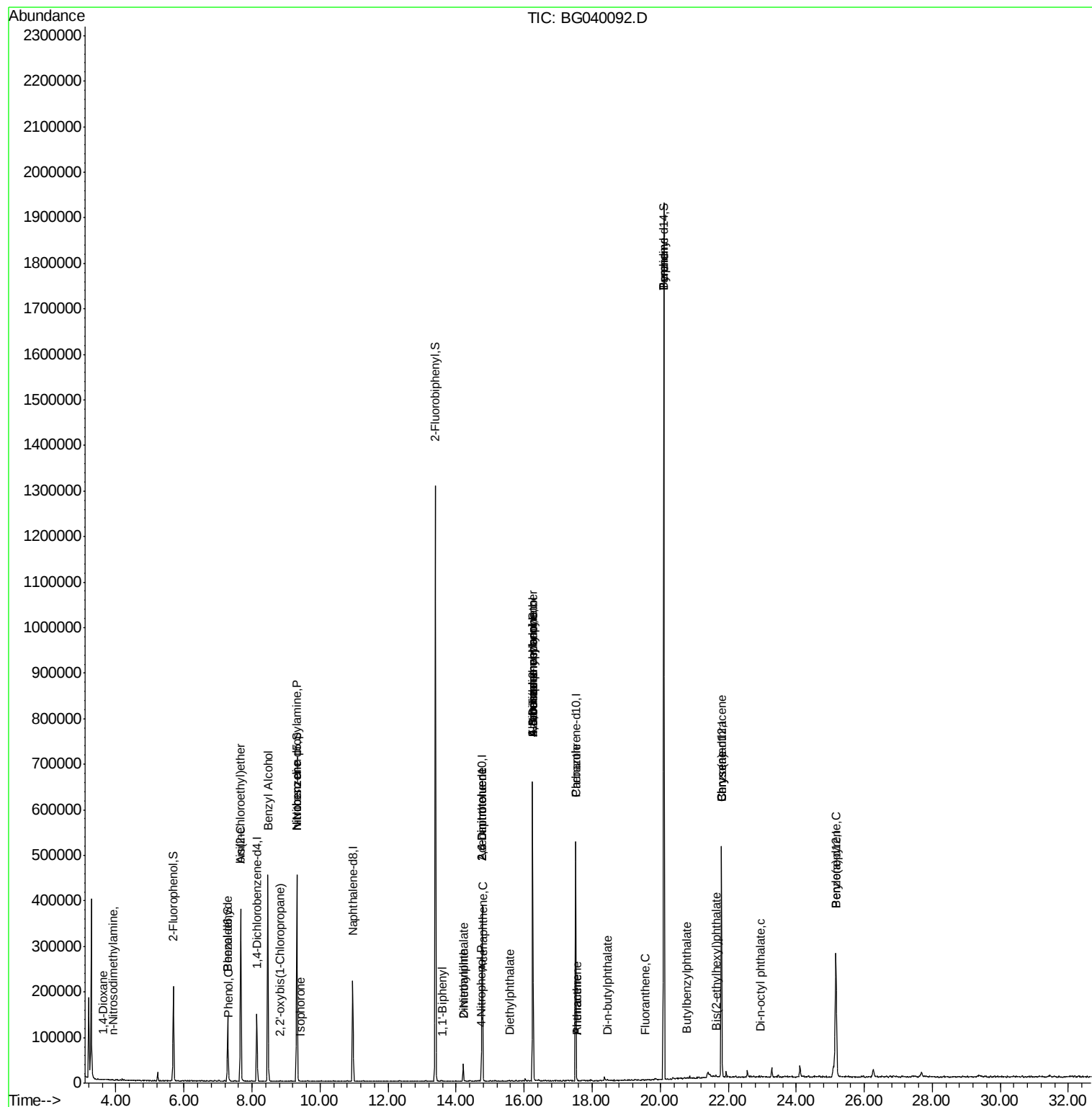
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.65	149	1797	0.162	ng	# 97
85) Di-n-octyl phthalate	22.96	149	268	0.015	ng	# 71
90) Benzo(a)pyrene	25.16	252	1036	0.060	ng	# 45

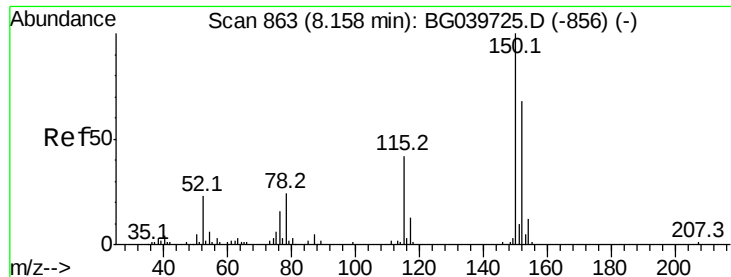
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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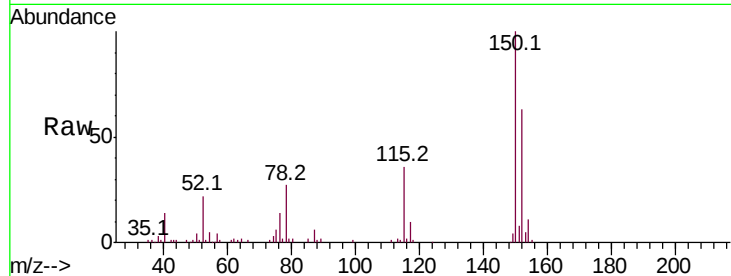


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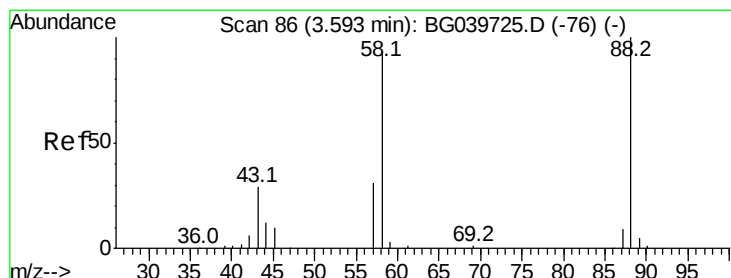
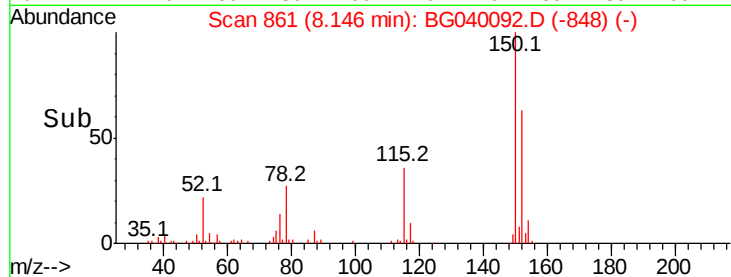
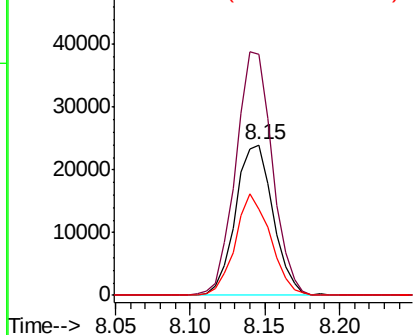
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41927
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 57.6 45.9 68.9



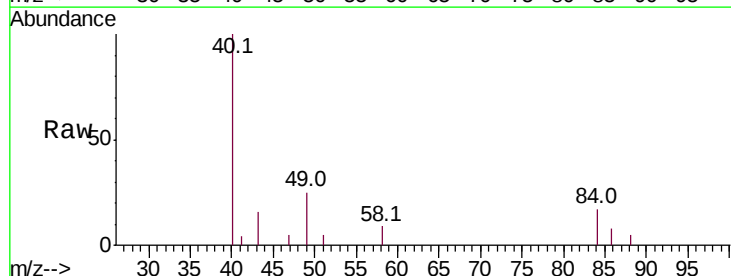
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



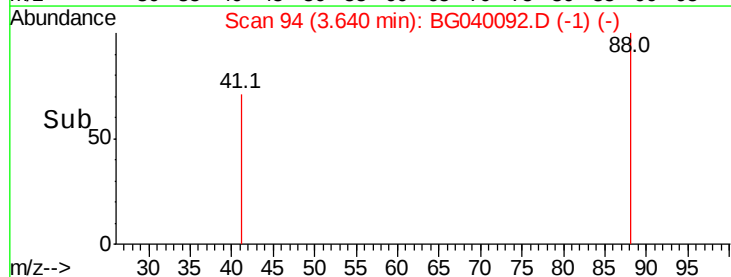
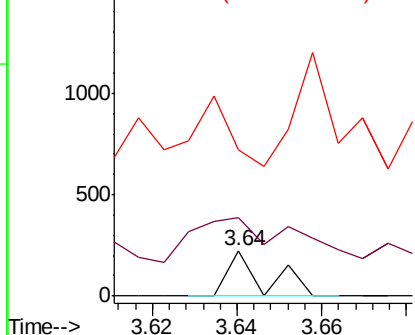
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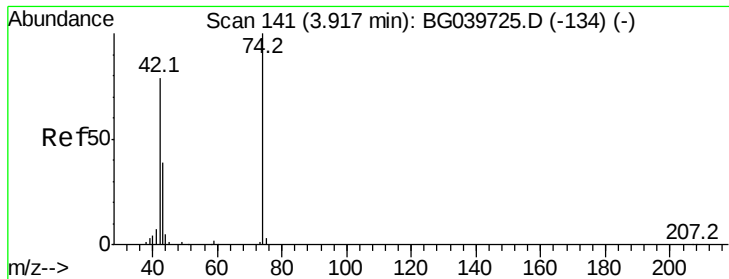
1,4-Dioxane
Concen: 0.117 ng
RT: 3.64 min Scan# 94
Delta R.T. 0.03 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion: 88 Resp: 133
Ion Ratio Lower Upper
88 100
58 498.5 81.1 121.7#
43 0.0 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC



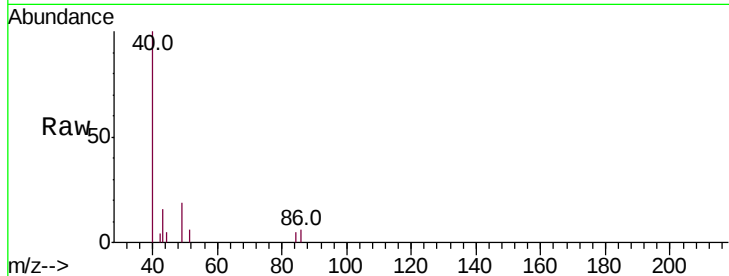


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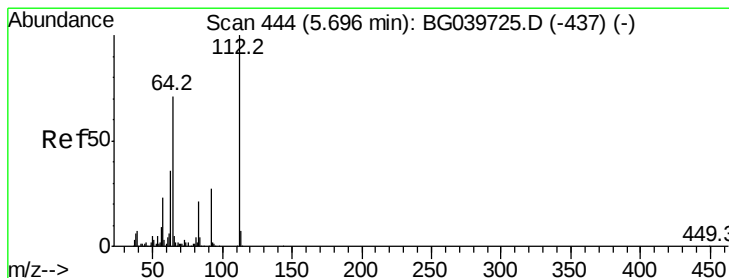
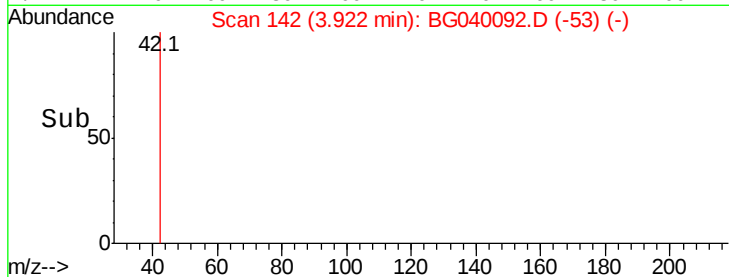
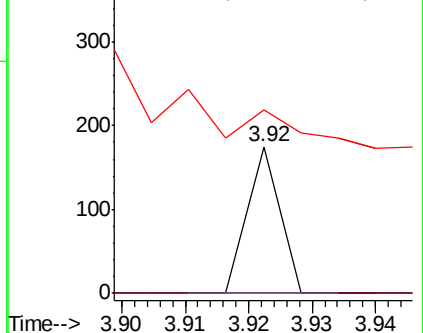
n-Nitrosodimethylamine
 Concen: 0.043 ng
 RT: 3.92 min Scan# 142
 Delta R.T. -0.01 min
 Lab File: BG040092.D
 Acq: 22 Mar 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	125.1	6.9	10.3#



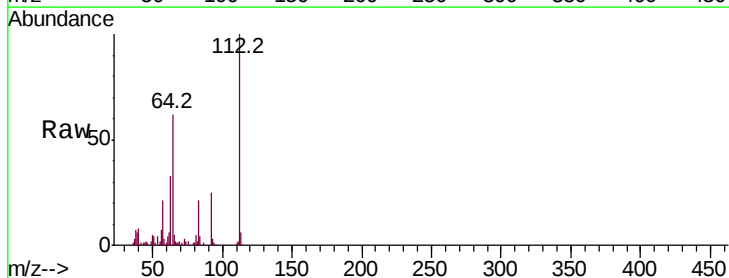
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



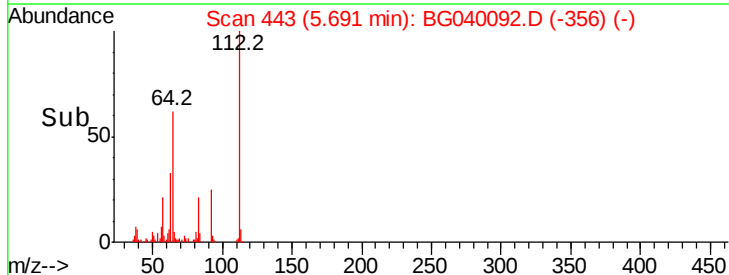
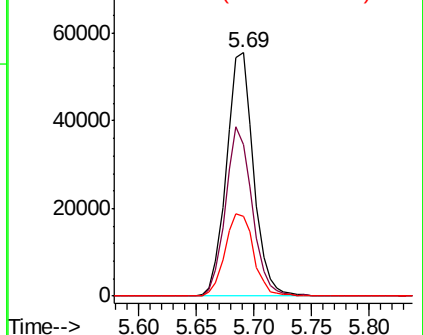
#5

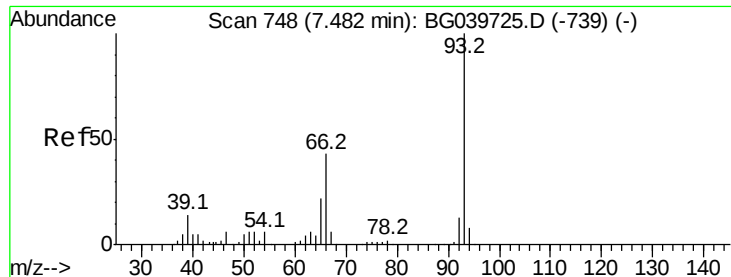
2-Fluorophenol
 Concen: 36.778 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040092.D
 Acq: 22 Mar 2019 20:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	57.8	86.8
63	32.5	29.8	44.6



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: 0.016 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.18 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampleId :

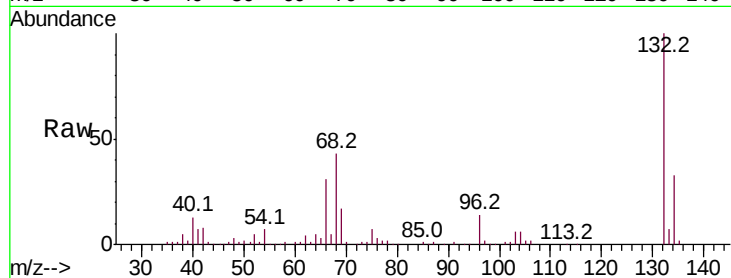
Tot Ion: 93 Resp: 78

Ion Ratio Lower Upper

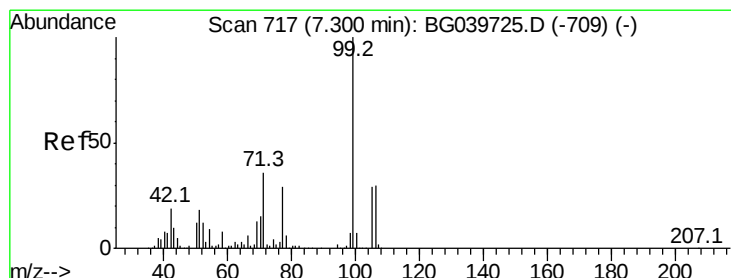
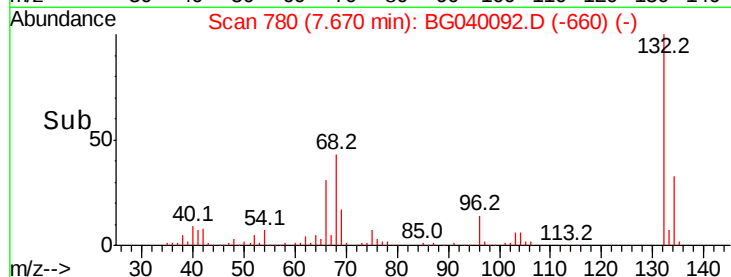
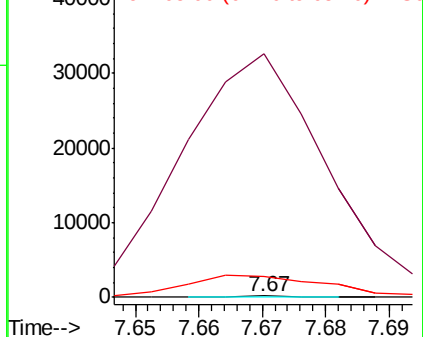
93 100

66 14829.1 34.2 51.4#

65 1275.0 17.7 26.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 22.778 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

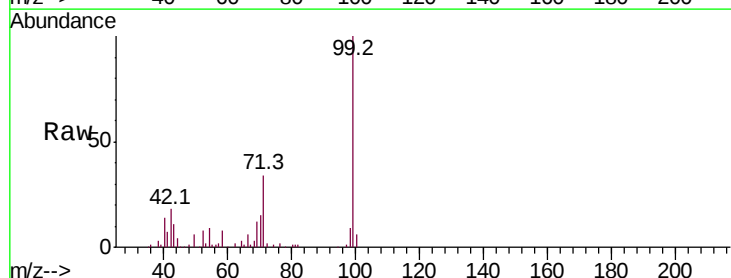
Tgt Ion: 99 Resp: 83468

Ion Ratio Lower Upper

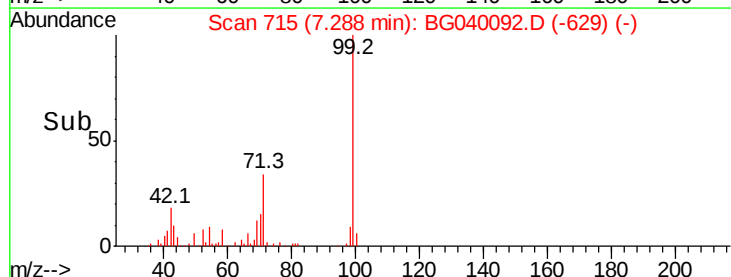
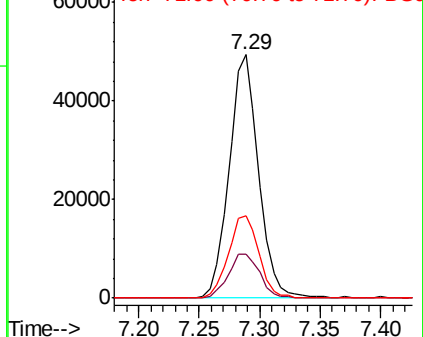
99 100

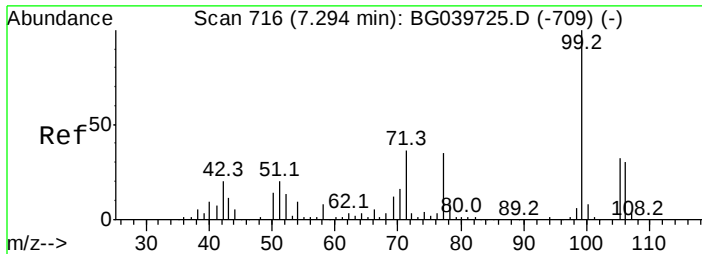
42 18.2 18.2 27.2

71 33.6 28.0 42.0



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

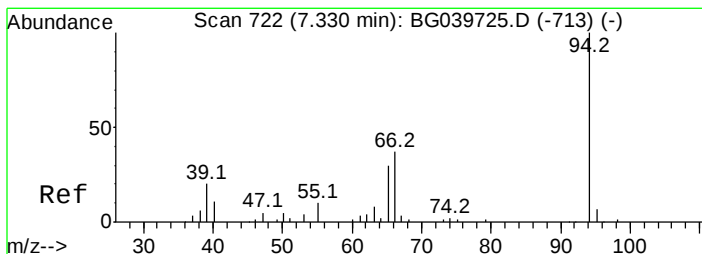
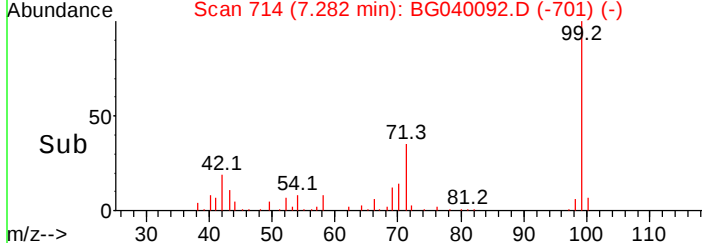
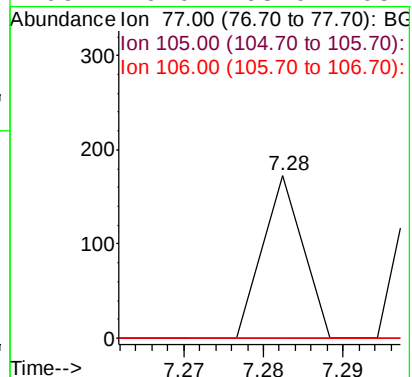
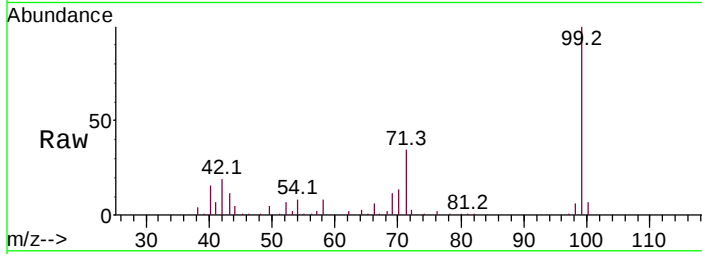




#9
Benzaldehyde
Concen: 0.026 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

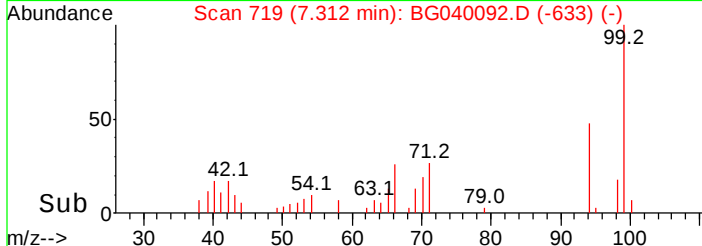
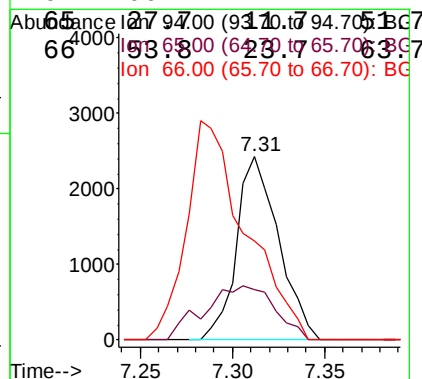
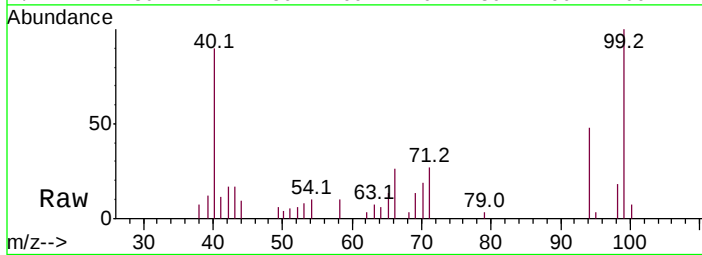
Instrument :
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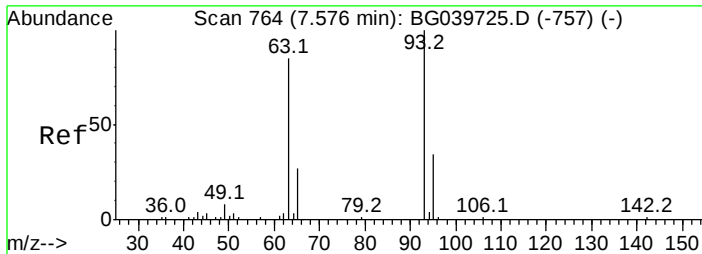
Tot Ion: 77 Resp: 61
Ion Ratio Lower Upper
77 100
105 0.0 74.5 114.5#
106 0.0 68.0 108.0#



#10
Phenol
Concen: 0.971 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion: 94 Resp: 3856
Ion Ratio Lower Upper
94 100

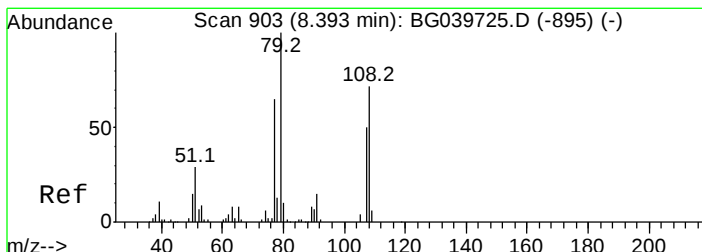
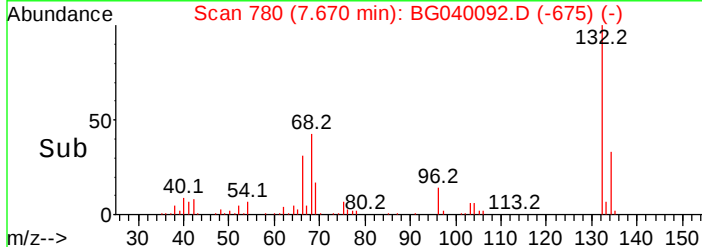
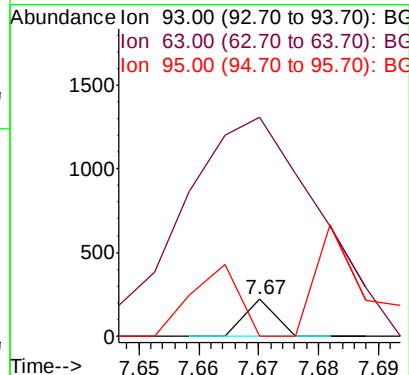
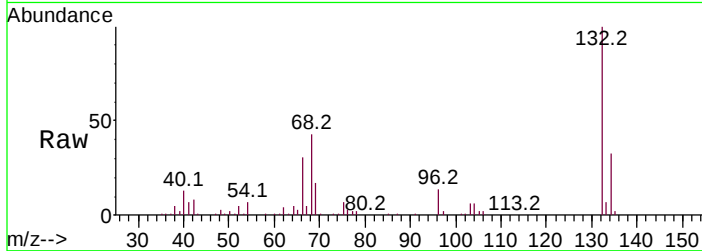




#11
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.67 min Scan# 780
Delta R.T. 0.09 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

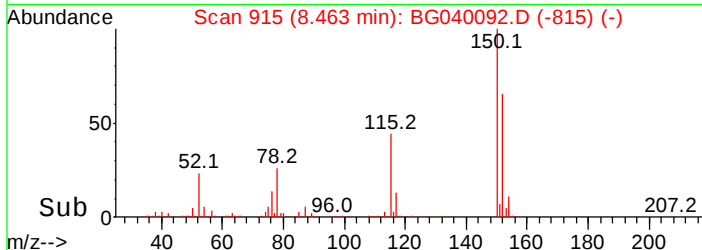
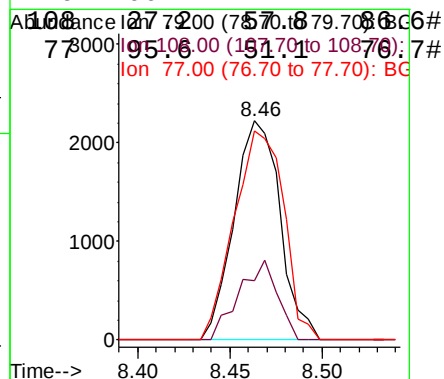
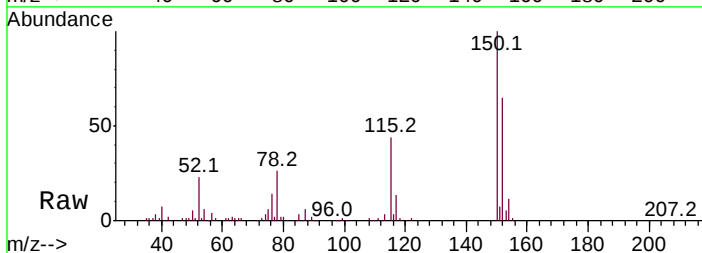
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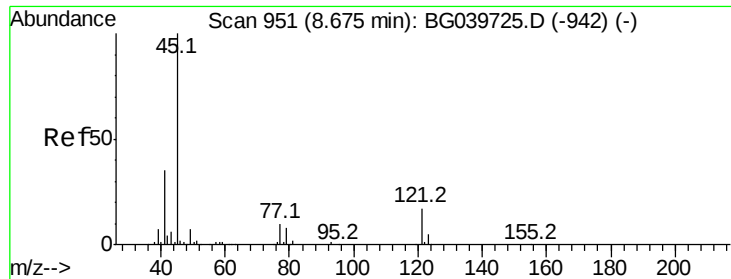
Tot Ion: 93 Resp: 78
Ion Ratio Lower Upper
93 100
63 595.5 69.5 109.5#
95 0.0 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.329 ng
RT: 8.46 min Scan# 915
Delta R.T. 0.06 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion: 79 Resp: 3862
Ion Ratio Lower Upper
79 100

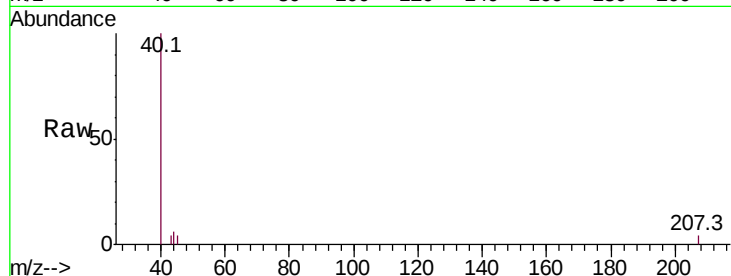




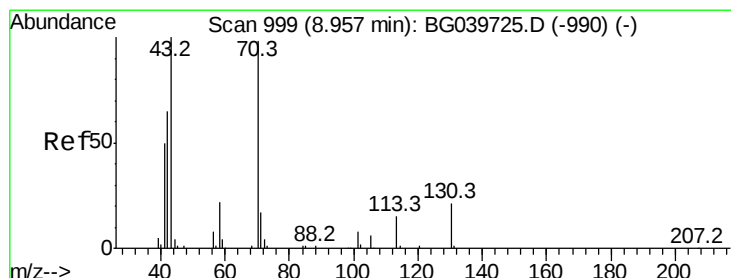
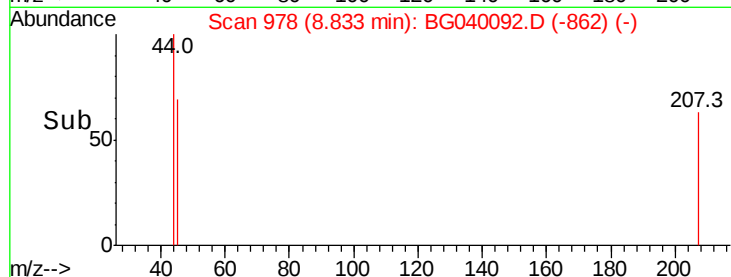
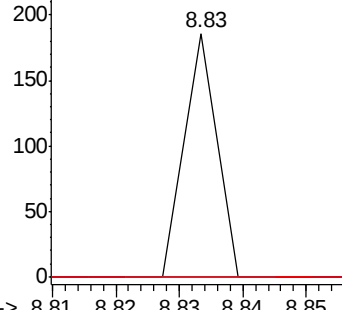
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.011 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.15 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.0
79	0.0	0.0	27.5

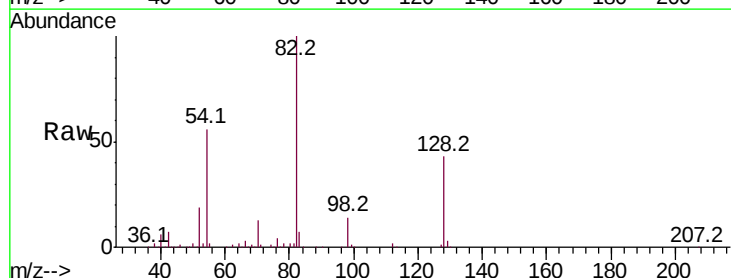


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

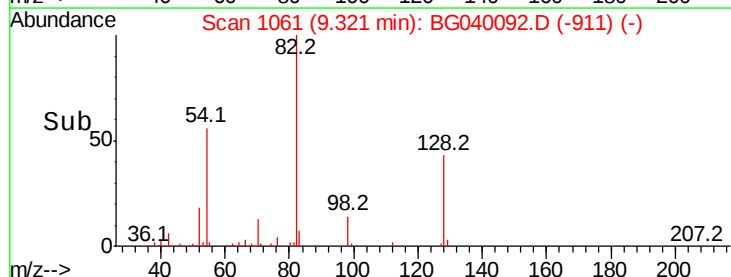
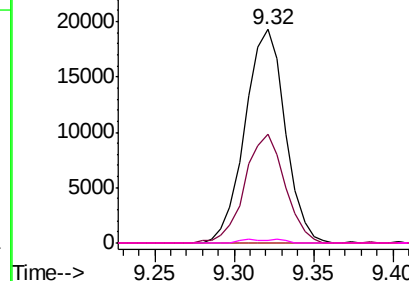


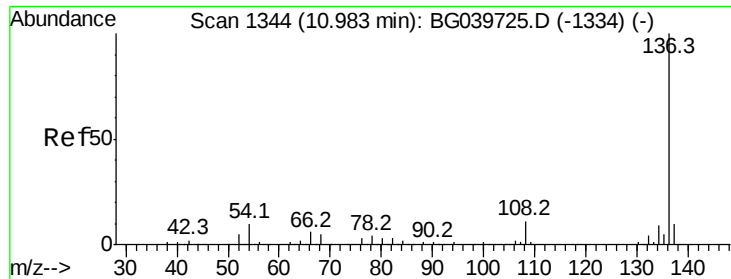
#19
n-Nitroso-di-n-propylamine
Concen: 12.896 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.9	60.4	90.6#
101	0.0	7.5	11.3#
130	1.5	16.9	25.3#



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

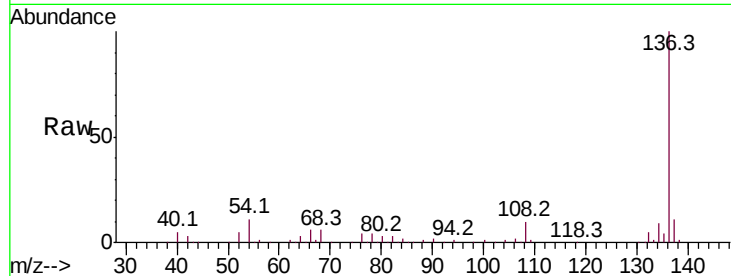




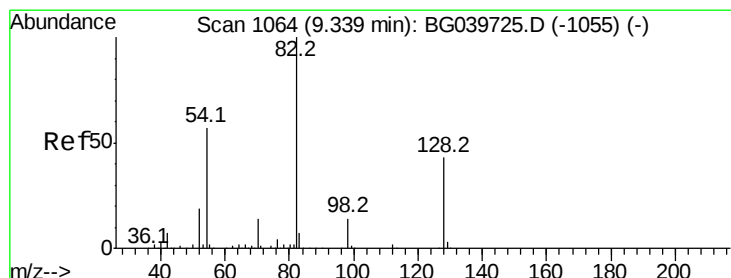
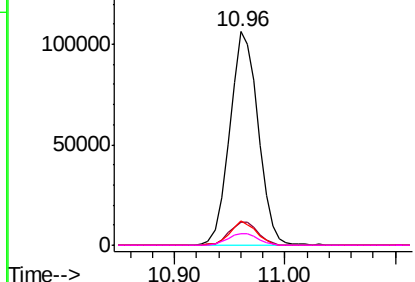
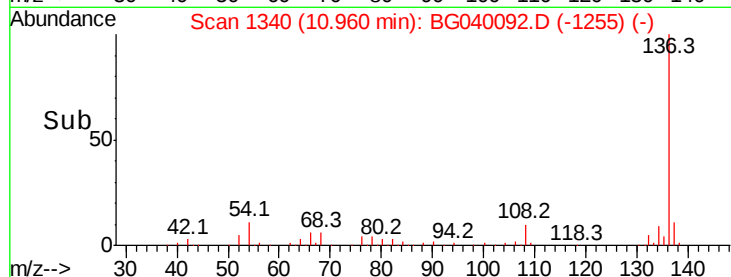
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	192084
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	11.2	9.4 14.2
68	5.6	4.2 6.4

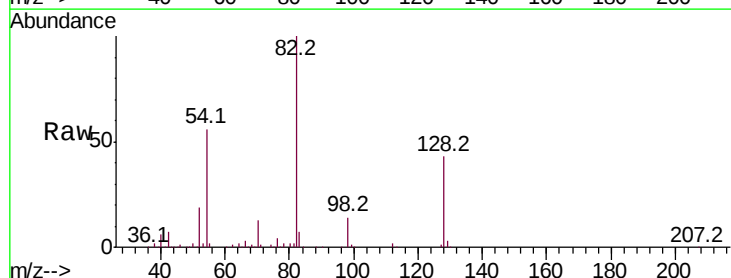


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

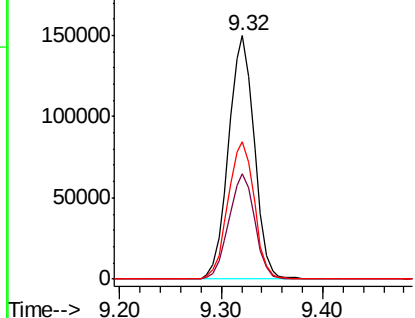
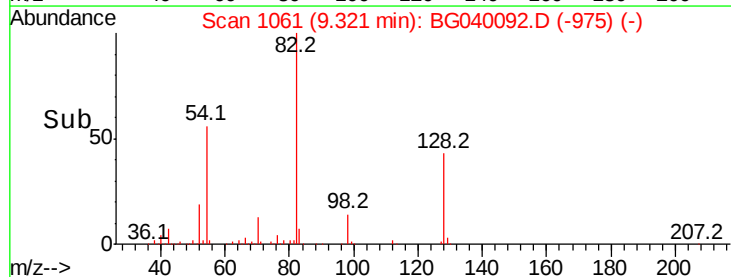


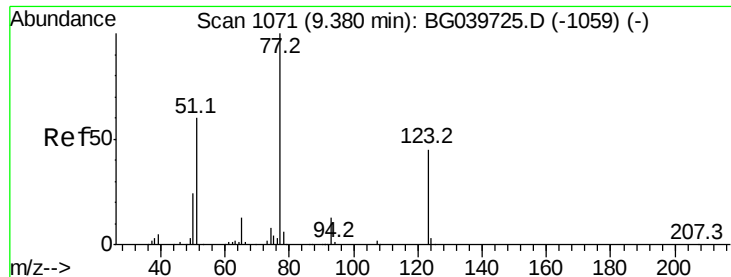
#23
Nitrobenzene-d5
Concen: 74.267 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion: 82	Resp:	263766
Ion	Ratio	Lower Upper
82	100	
128	43.5	31.3 46.9
54	56.4	50.9 76.3



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





#24

Nitrobenzene

Concen: 0.206 ng

RT: 9.32 min Scan# 1060

Delta R.T. -0.07 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampleId :

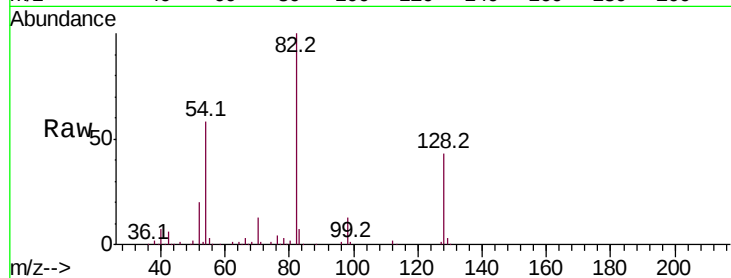
Tot Ion: 77 Resp: 766

Ion Ratio Lower Upper

77 100

123 0.0 34.1 51.1#

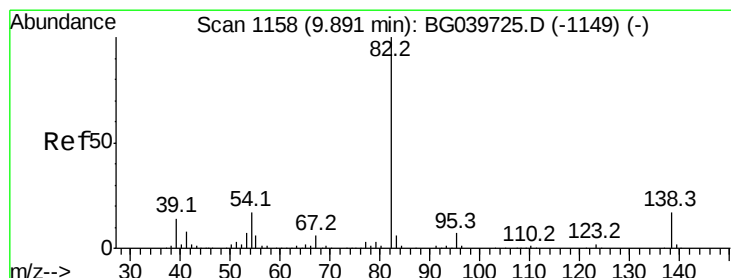
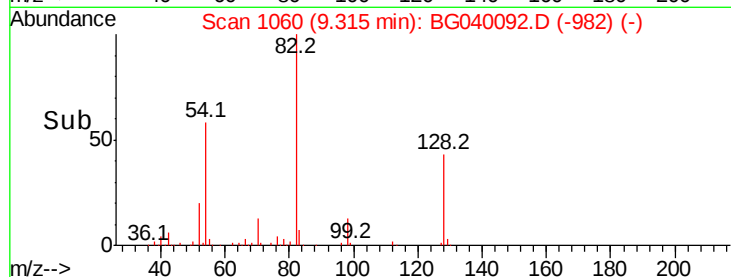
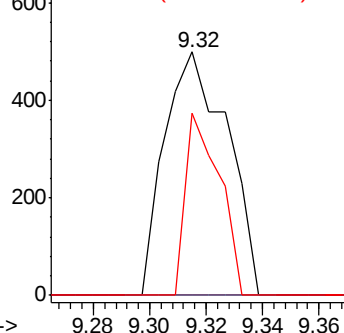
65 74.9 12.3 18.5#



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: 0.060 ng

RT: 9.42 min Scan# 1078

Delta R.T. -0.48 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

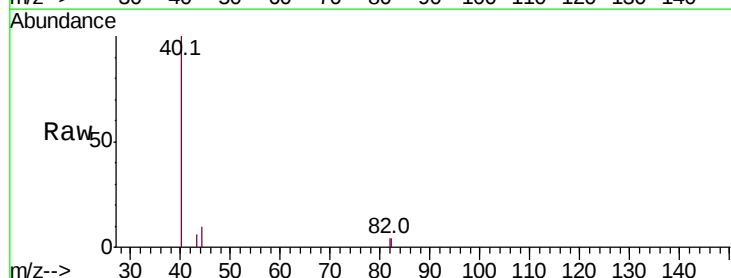
Tgt Ion: 82 Resp: 444

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

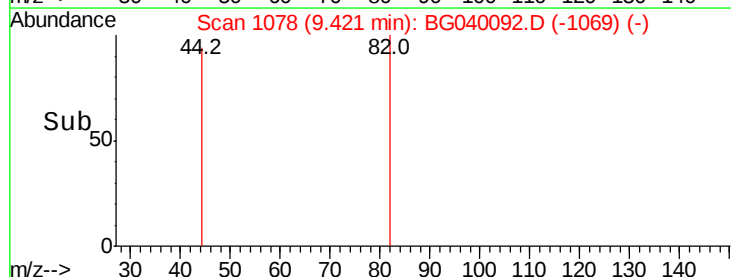
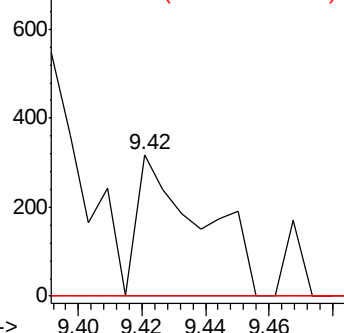
138 0.0 13.0 19.4#

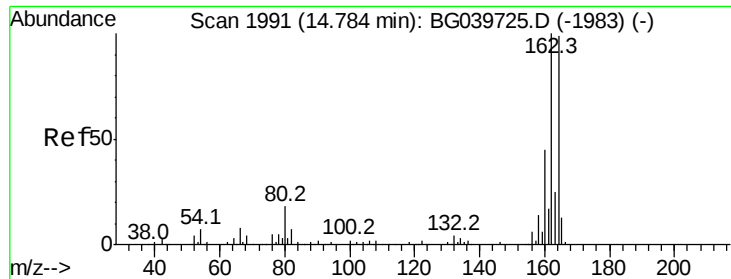


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampleId :

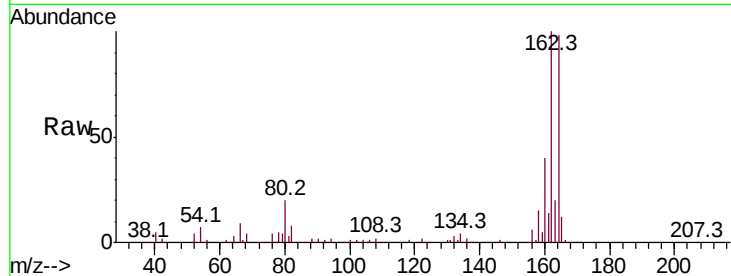
Tot Ion:164 Resp: 137177

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

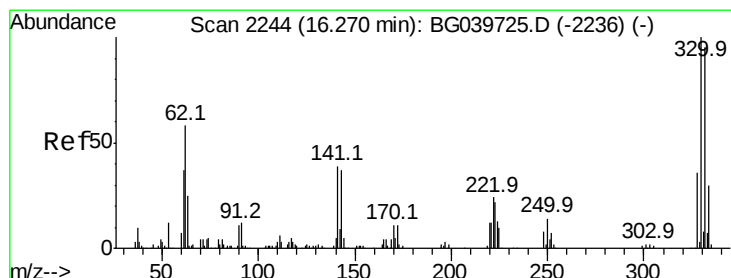
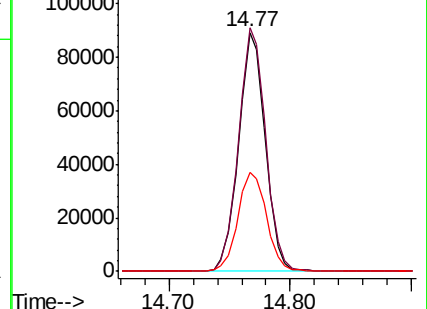
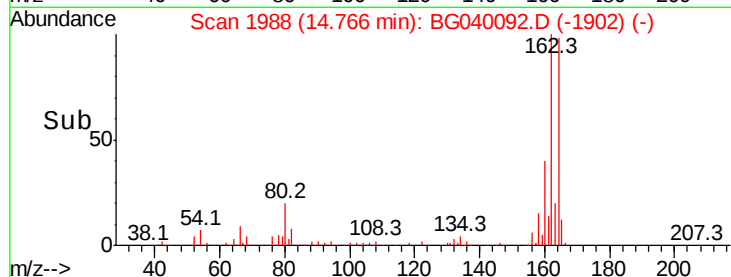
160 41.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 74.973 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

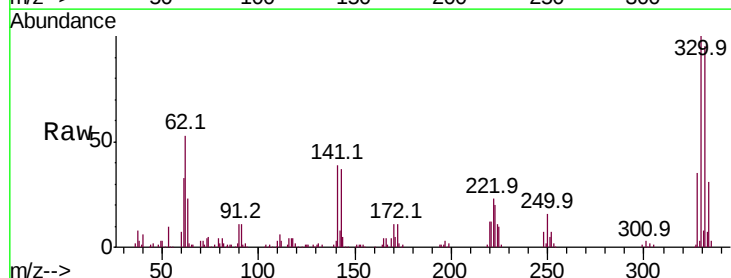
Tgt Ion:330 Resp: 119875

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

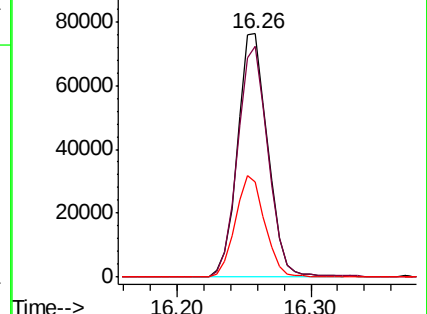
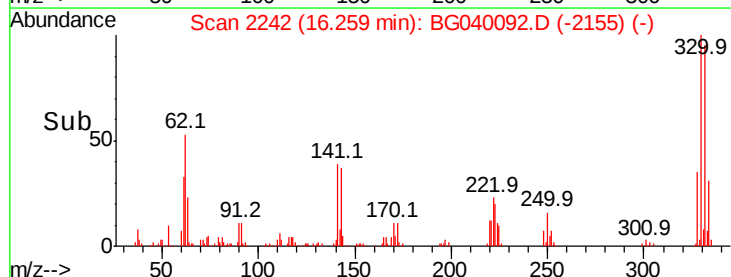
141 40.8 35.6 53.4

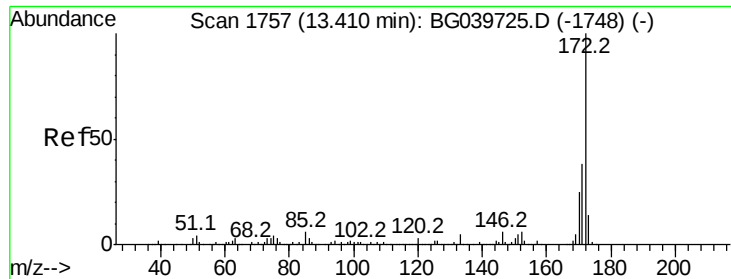


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

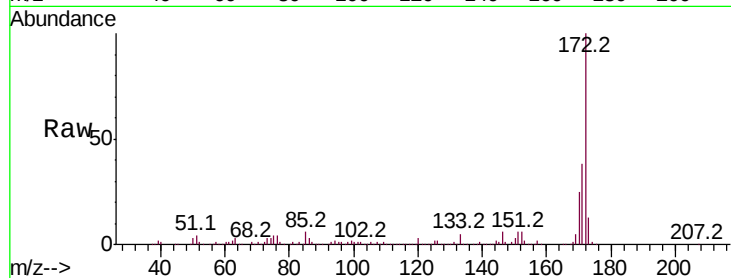




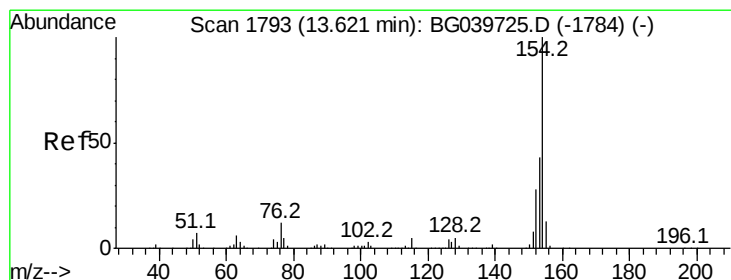
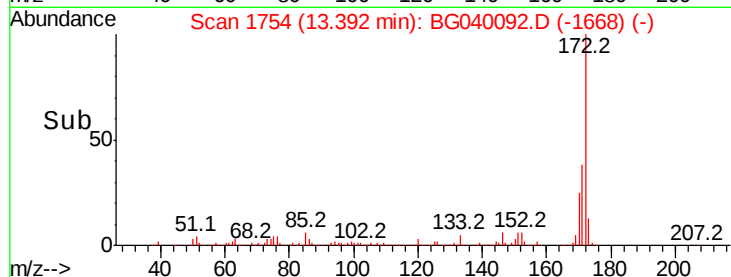
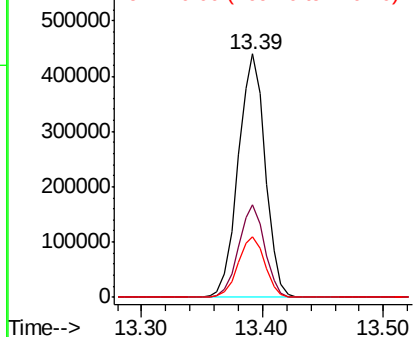
#45
2-Fluorobiphenyl
Concen: 71.098 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 684985
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 25.0 20.2 30.4

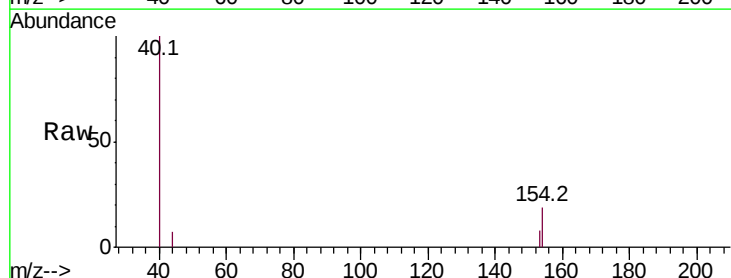


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

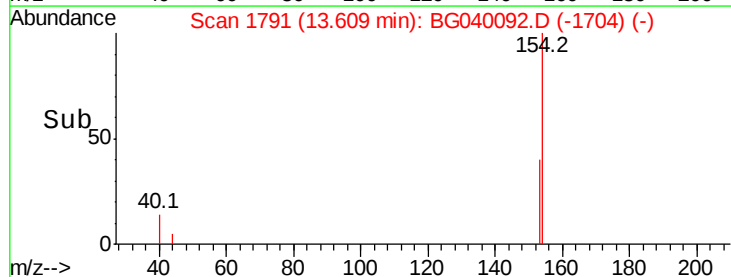
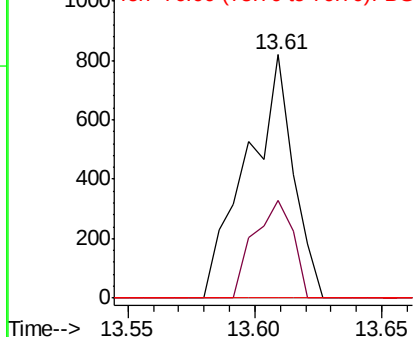


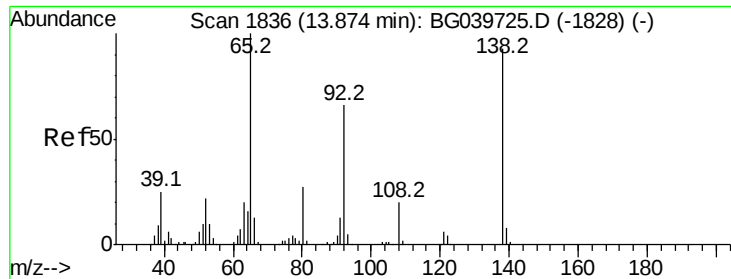
#46
1,1'-Biphenyl
Concen: 0.092 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion:154 Resp: 1041
Ion Ratio Lower Upper
154 100
153 40.3 22.1 62.1
76 0.0 0.0 32.4



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): BG

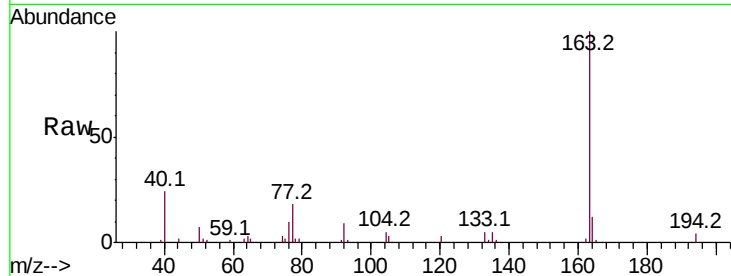




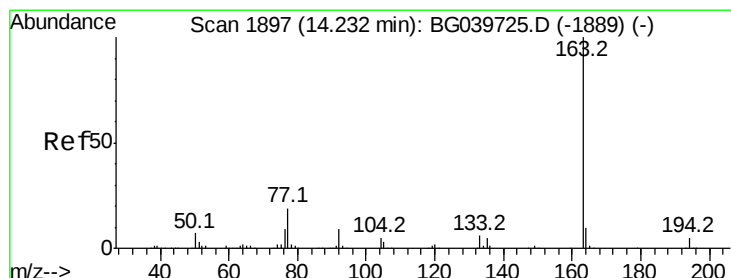
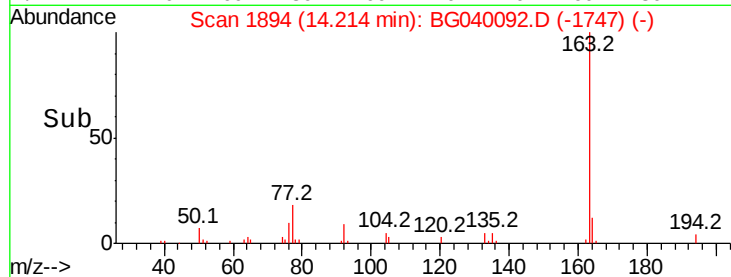
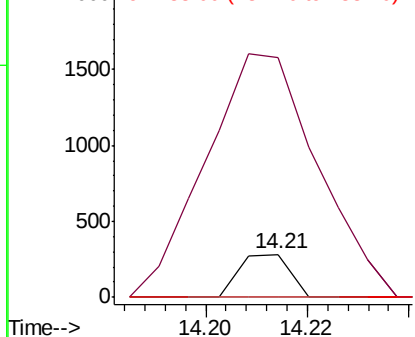
#48
2-Nitroaniline
Concen: 0.071 ng
RT: 14.21 min Scan# 1894
Delta R.T. 0.33 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 195
Ion Ratio Lower Upper
65 100
92 556.7 51.4 77.2#
138 0.0 71.4 107.2#

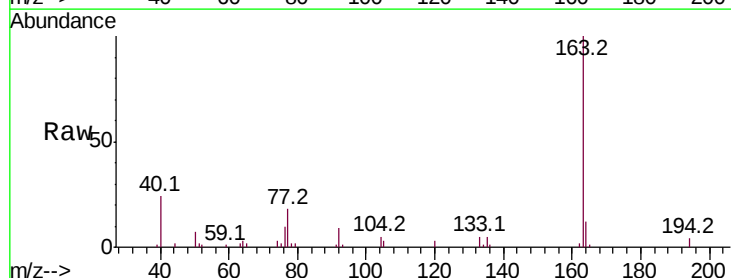


Abundance Ion 65.00 (64.70 to 65.70): BG0
Ion 92.00 (91.70 to 92.70): BG0
Ion 138.00 (137.70 to 138.70): E

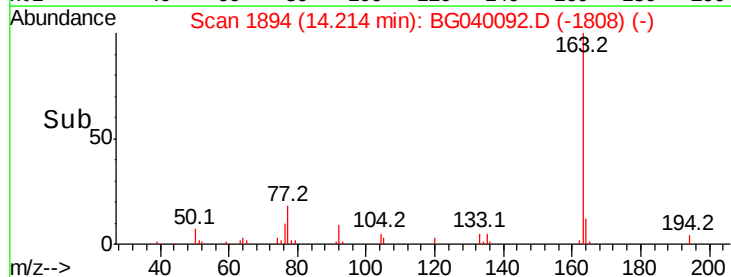
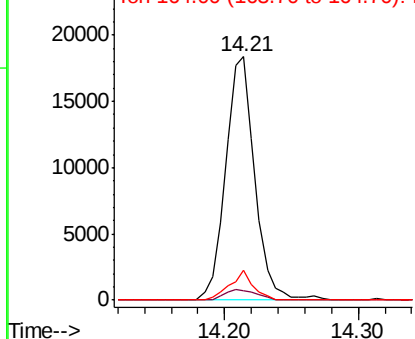


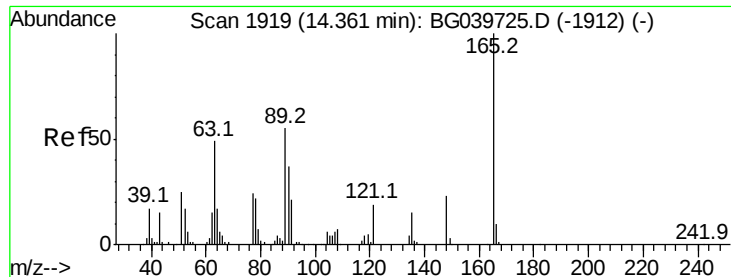
#50
Dimethylphthalate
Concen: 2.448 ng
RT: 14.21 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion: 163 Resp: 28078
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 12.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.158 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampleId :

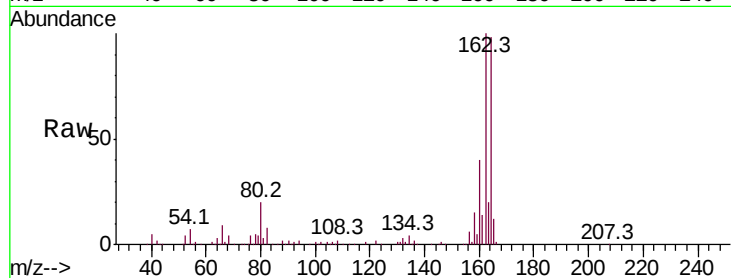
Tot Ion:165 Resp: 17406

Ion Ratio Lower Upper

165 100

63 1.5 47.0 70.6#

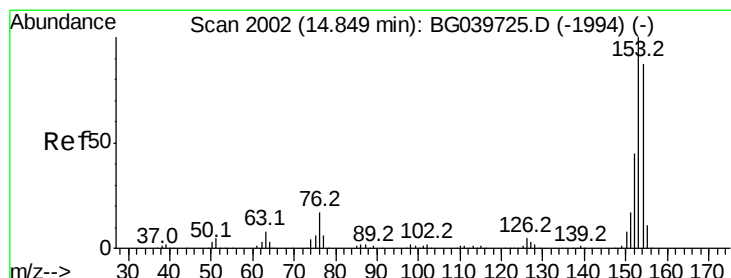
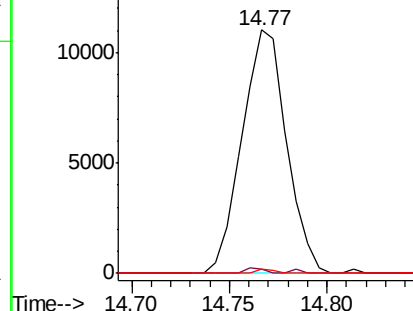
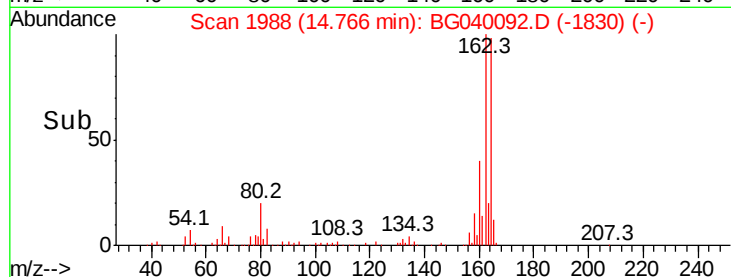
89 1.9 45.8 68.8#



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: 0.007 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.07 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

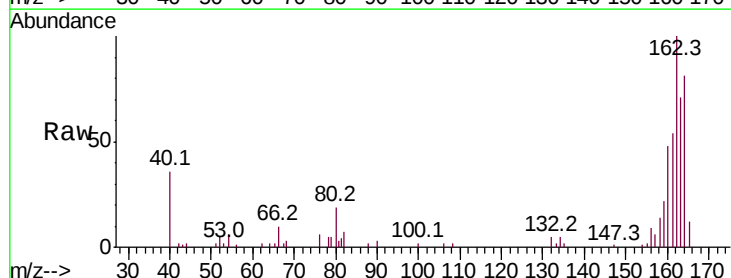
Tgt Ion:154 Resp: 55

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

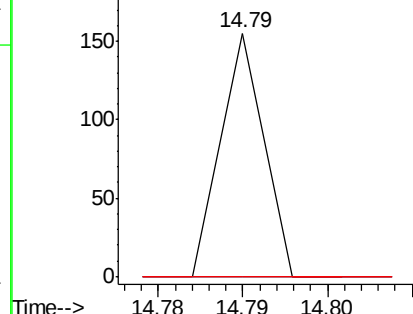
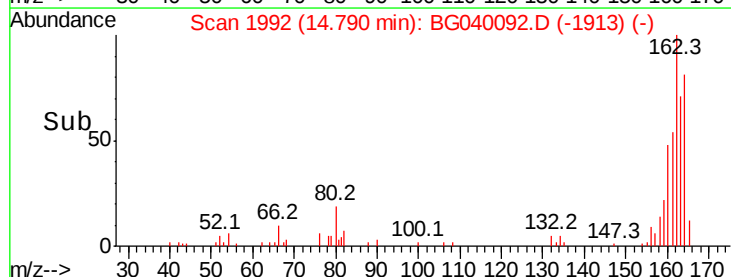
152 0.0 40.9 61.3#

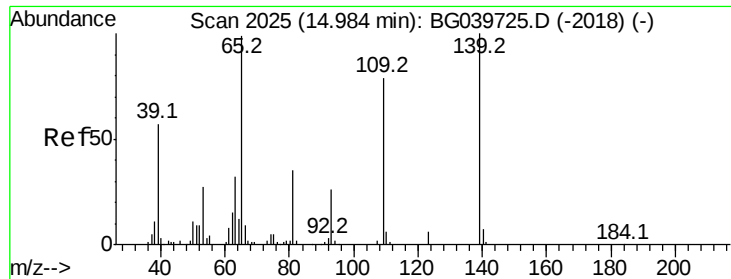


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#56

4-Nitrophenol

Concen: 0.024 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.25 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampled :

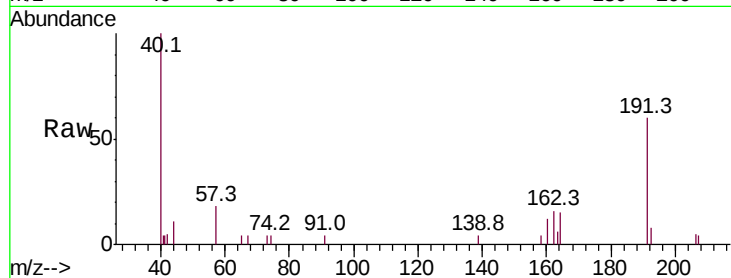
Tot Ion:139 Resp: 53

Ion Ratio Lower Upper

139 100

109 0.0 61.9 101.9#

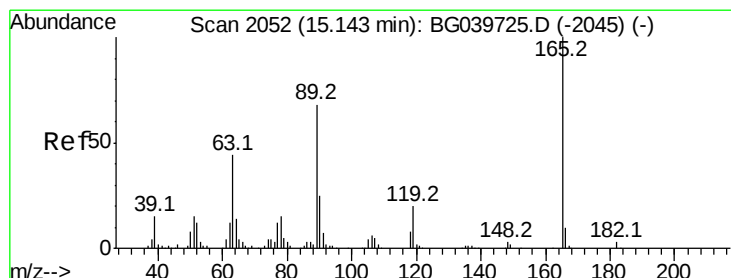
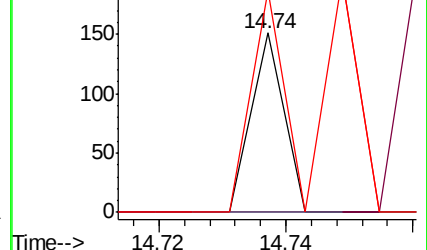
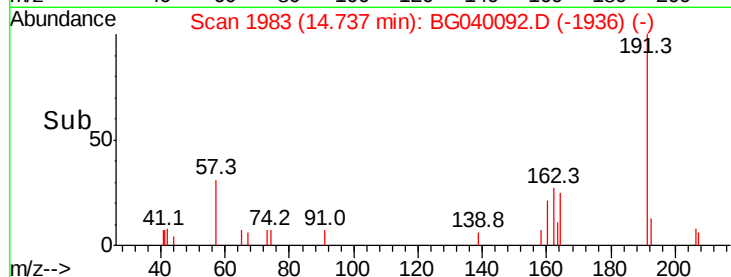
65 123.8 99.1 139.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 5.094 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Tgt Ion:165 Resp: 17406

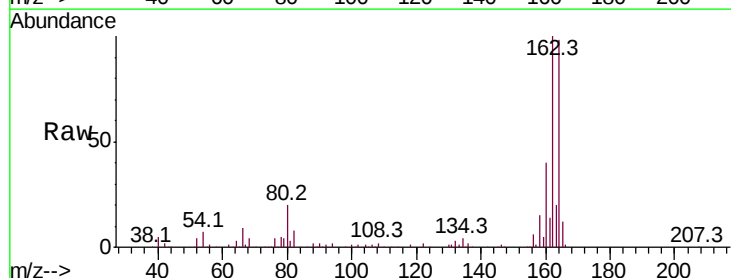
Ion Ratio Lower Upper

165 100

63 1.5 41.0 61.6#

89 1.9 64.6 96.8#

182 0.0 2.0 3.0#

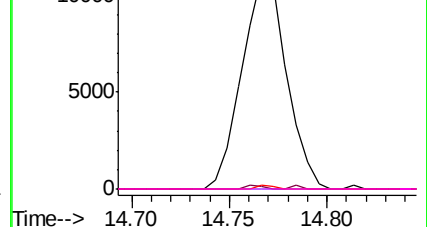
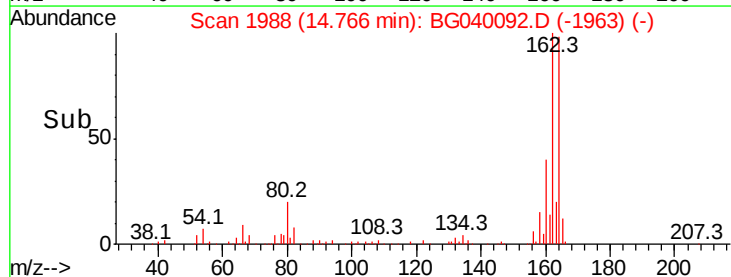


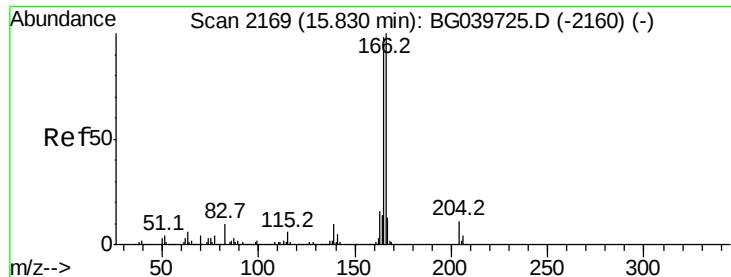
Abundance Ion 165.00 (164.70 to 165.70): E

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





#58

Fluorene

Concen: 0.469 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.42 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampled :

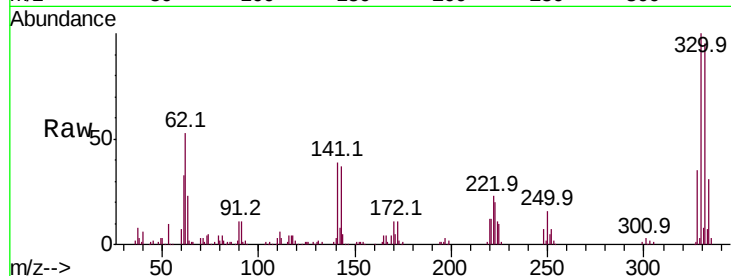
Tot Ion:166 Resp: 5070

Ion Ratio Lower Upper

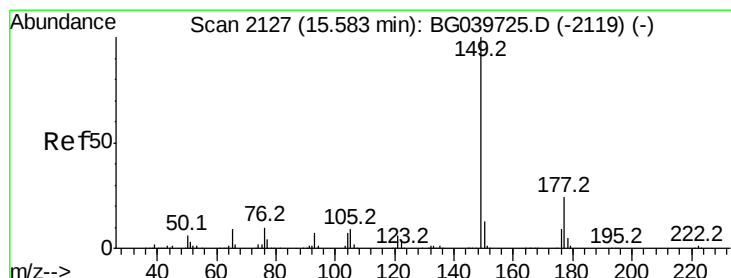
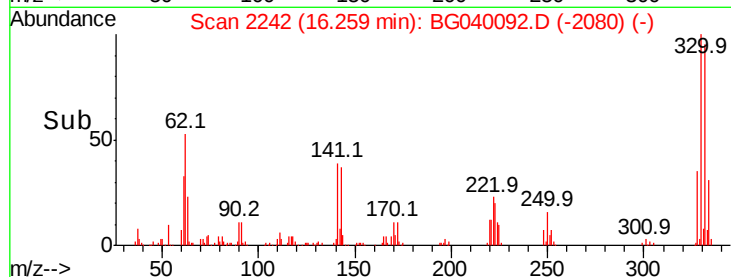
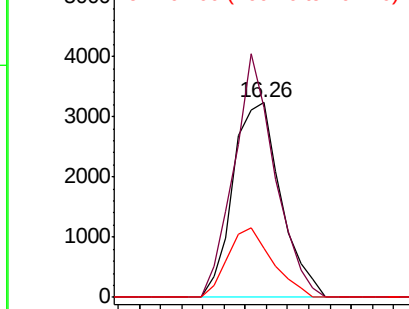
166 100

165 97.5 77.9 116.9

167 25.5 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.021 ng

RT: 15.57 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

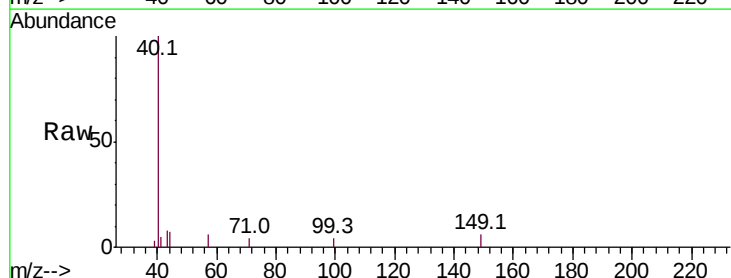
Tgt Ion:149 Resp: 235

Ion Ratio Lower Upper

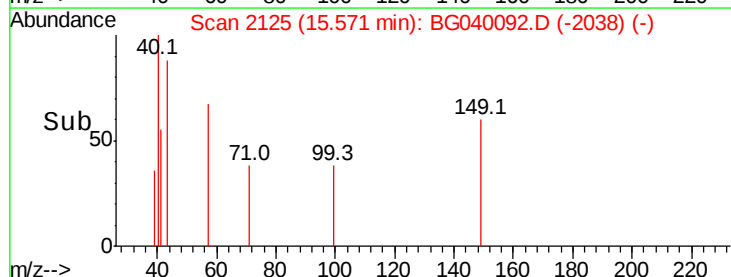
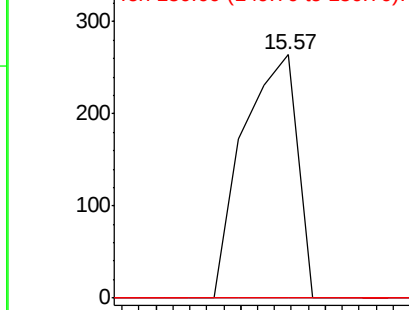
149 100

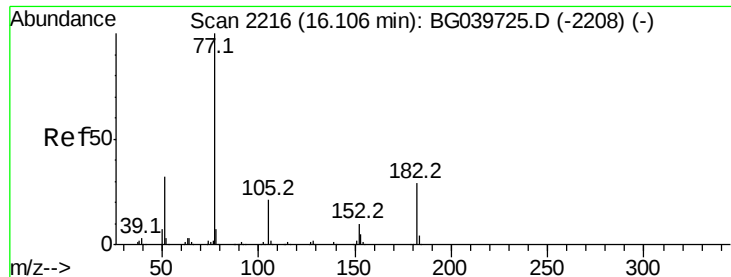
177 0.0 18.3 27.5#

150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.076 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.15 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 785

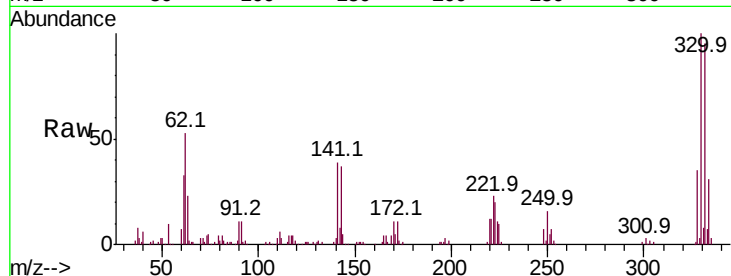
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 61.6 0.0 39.8#

51 71.5 14.1 54.1#

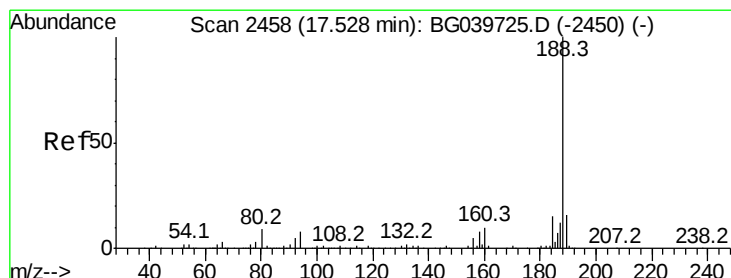
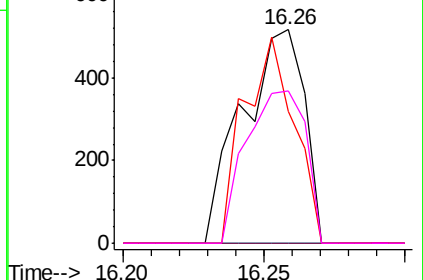
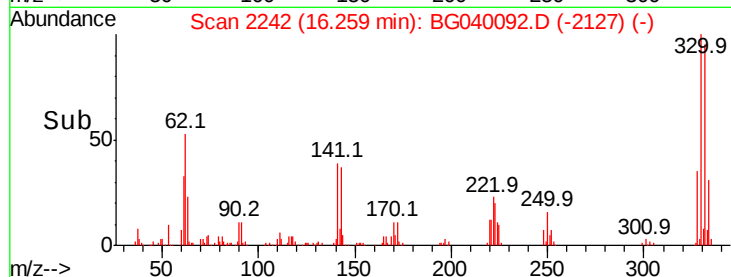


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

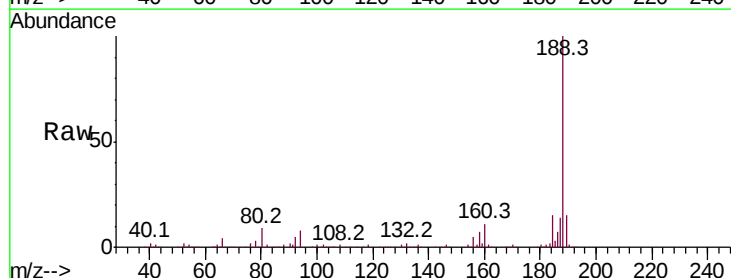
Tgt Ion: 188 Resp: 324838

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

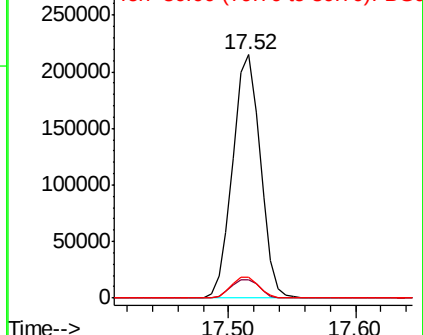
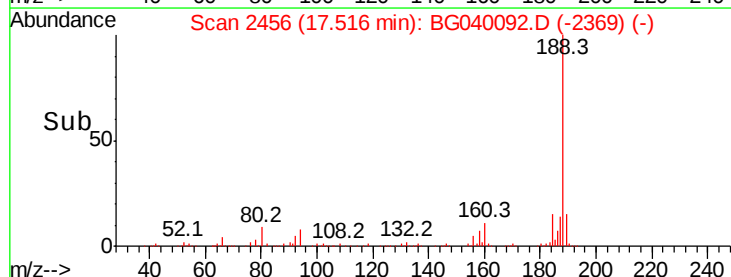
80 8.8 8.1 12.1

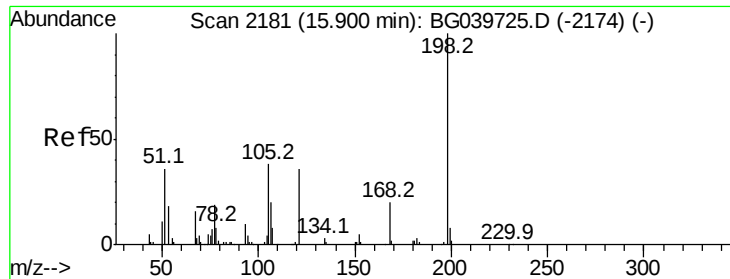


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

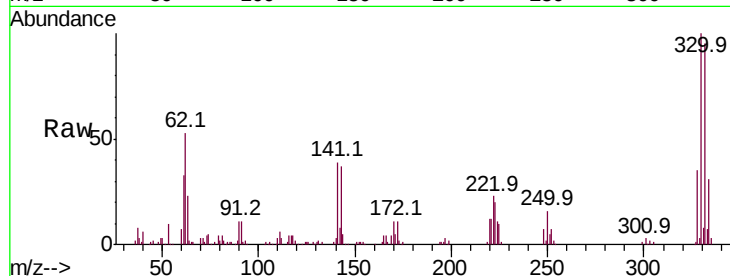




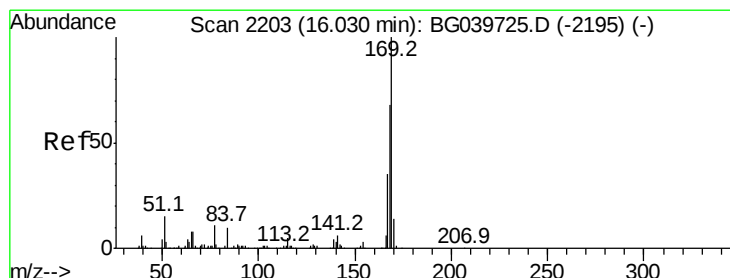
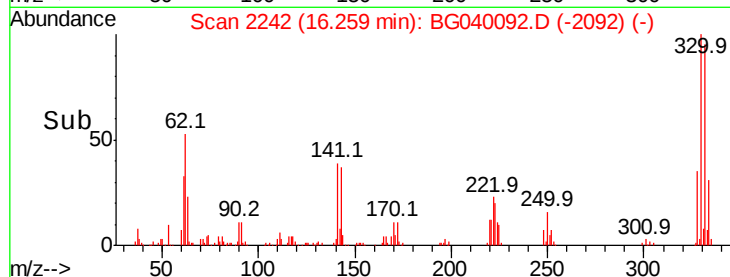
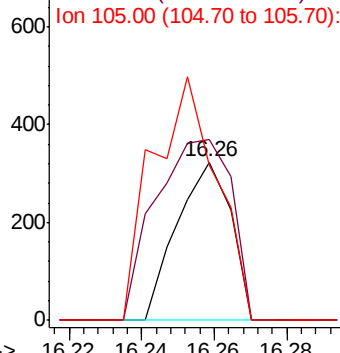
#65
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.35 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 333
Ion Ratio Lower Upper
198 100
51 114.2 27.4 67.4#
105 98.5 19.7 59.7#

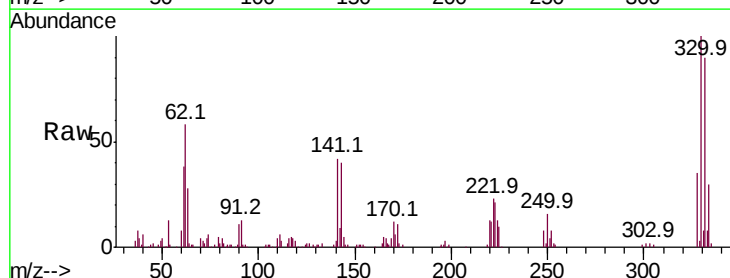


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

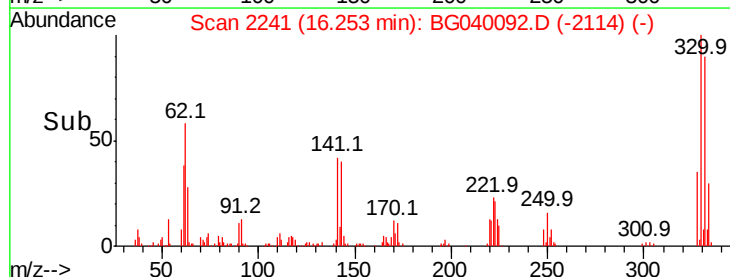
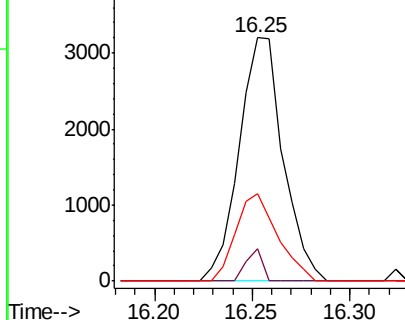


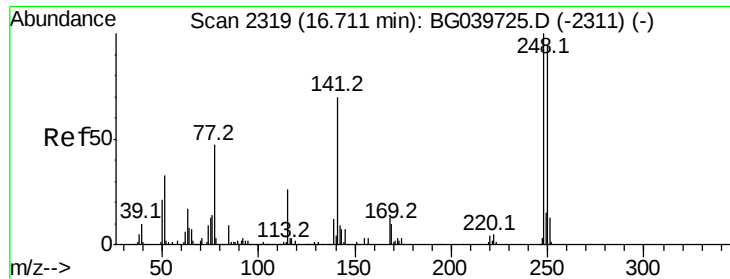
#66
n-Nitrosodiphenylamine
Concen: 0.531 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.22 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion:169 Resp: 4994
Ion Ratio Lower Upper
169 100
168 13.2 56.6 85.0#
167 35.8 28.8 43.2



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

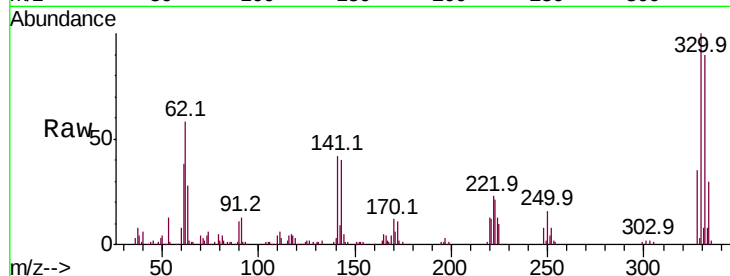




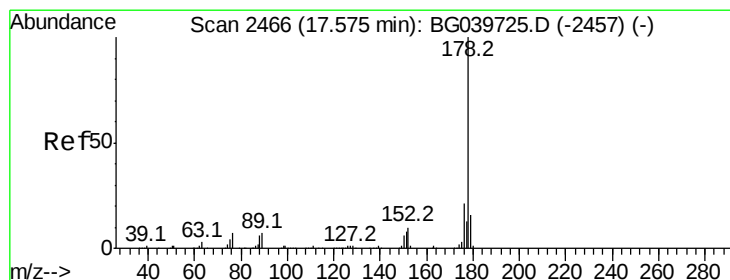
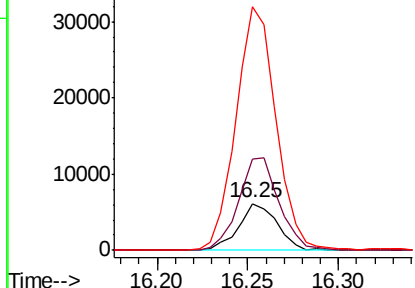
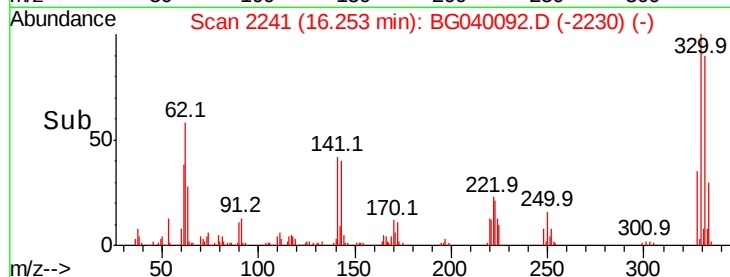
#67
 4-Bromophenyl-phenylether
 Concen: 2.446 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040092.D
 Acq: 22 Mar 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8892
 Ion Ratio Lower Upper
 248 100
 250 197.7 77.6 116.4#
 141 524.1 63.9 95.9#

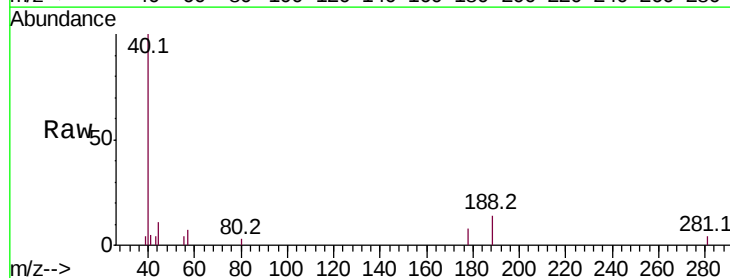


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

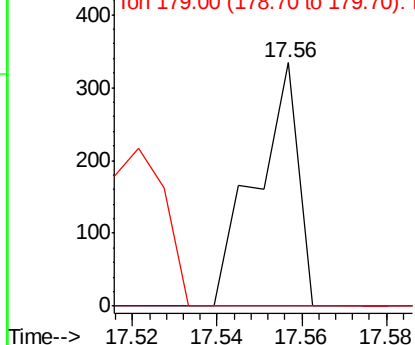
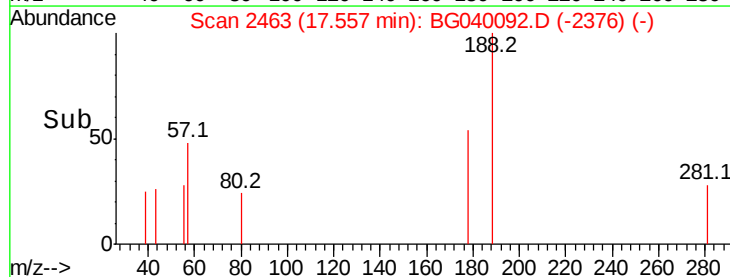


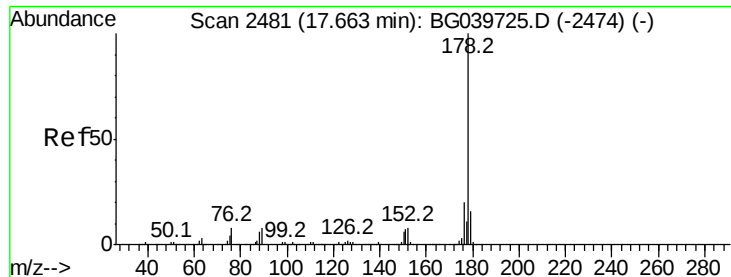
#71
 Phenanthrene
 Concen: 0.013 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040092.D
 Acq: 22 Mar 2019 20:55

Tgt Ion:178 Resp: 233
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 12.6 19.0#



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





#72

Anthracene

Concen: 0.013 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.11 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampled :

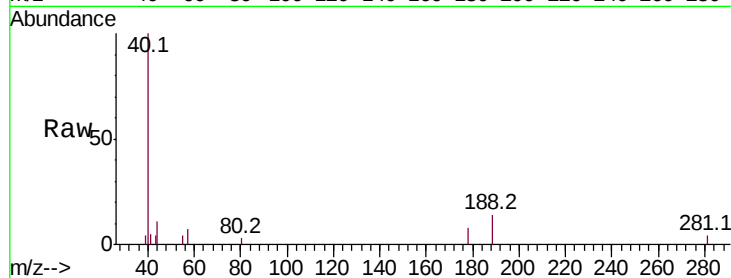
Tot Ion:178 Resp: 233

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

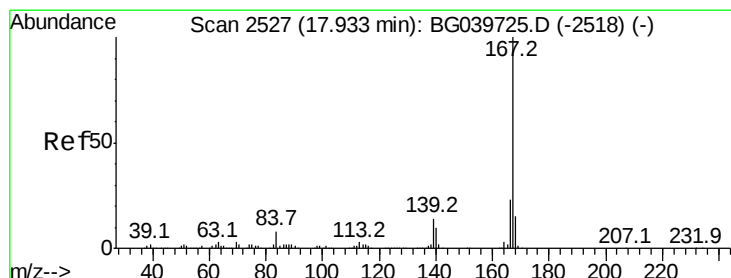
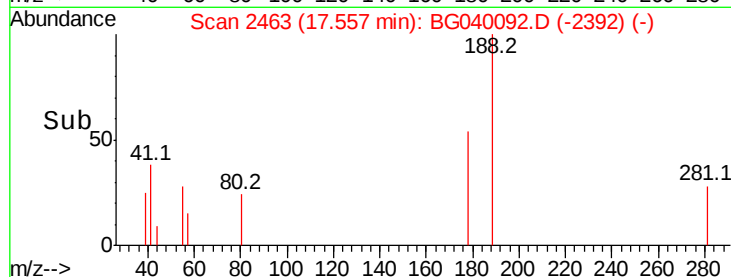
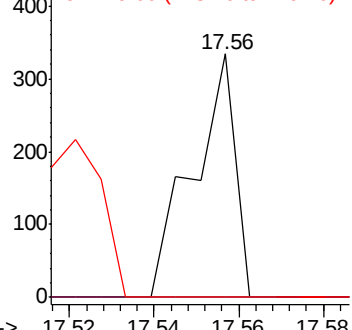
179 0.0 12.5 18.7#



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



#73

Carbazole

Concen: 0.004 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.42 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

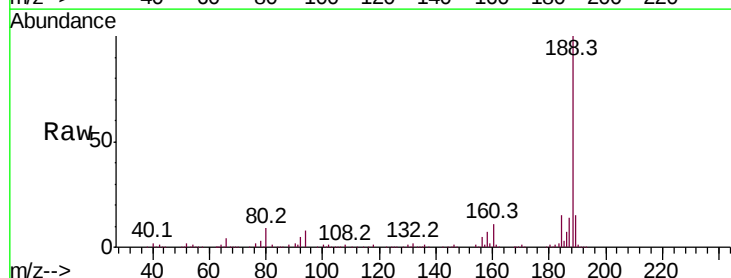
Tgt Ion:167 Resp: 56

Ion Ratio Lower Upper

167 100

166 0.0 19.4 29.2#

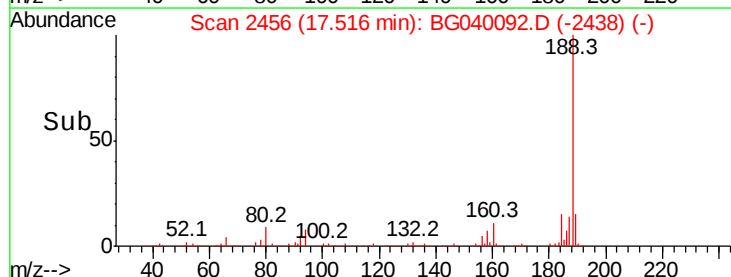
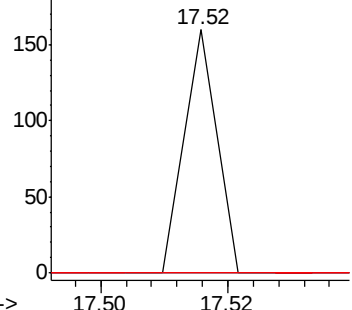
139 0.0 10.8 16.2#

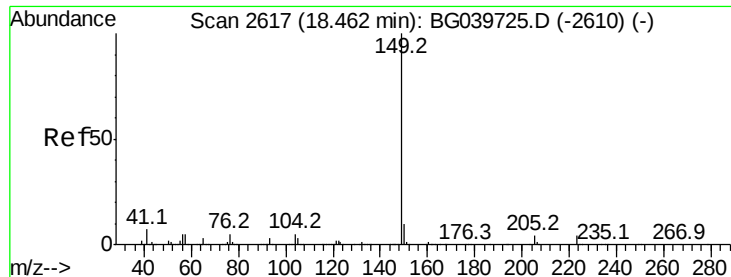


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.025 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampled :

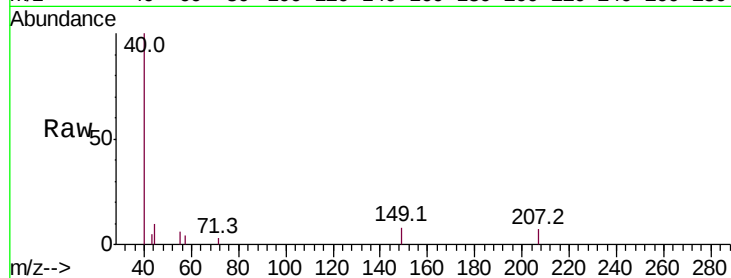
Tot Ion:149 Resp: 457

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

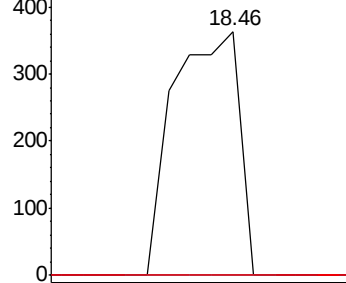
104 0.0 4.5 6.7#



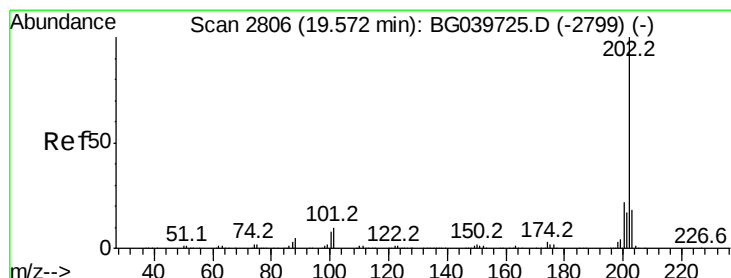
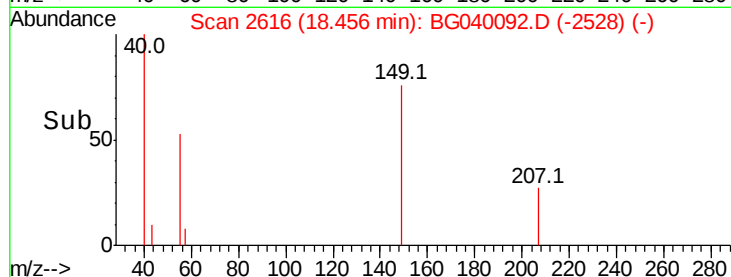
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#75

Fluoranthene

Concen: 0.003 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

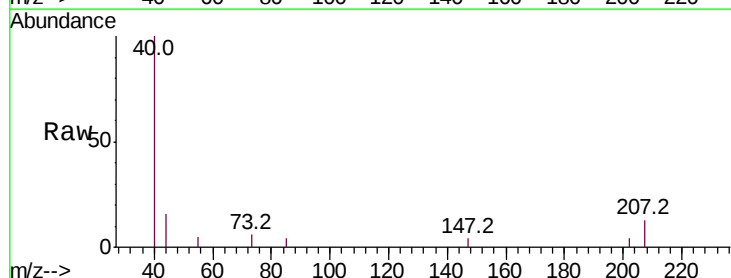
Tgt Ion:202 Resp: 56

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

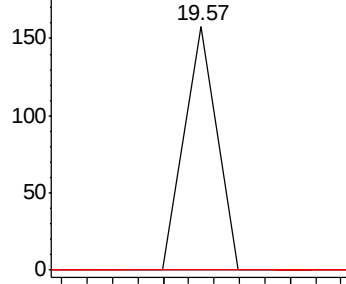
203 0.0 0.0 38.9



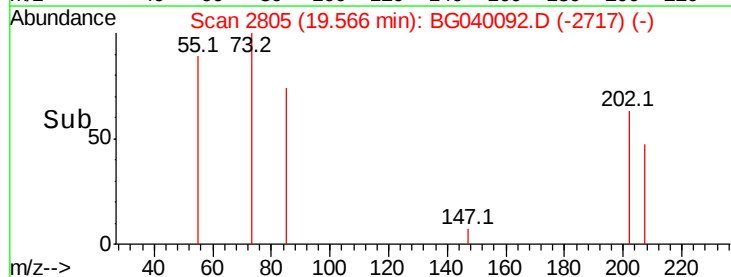
Abundance Ion 202.00 (201.70 to 202.70): E

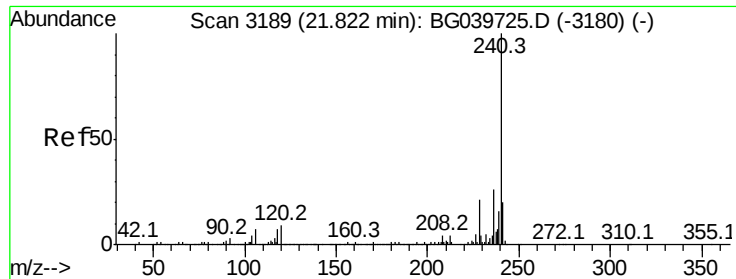
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

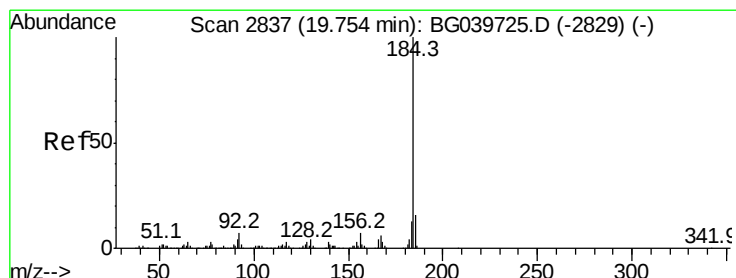
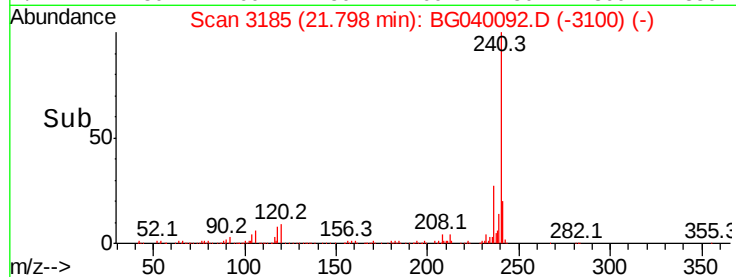
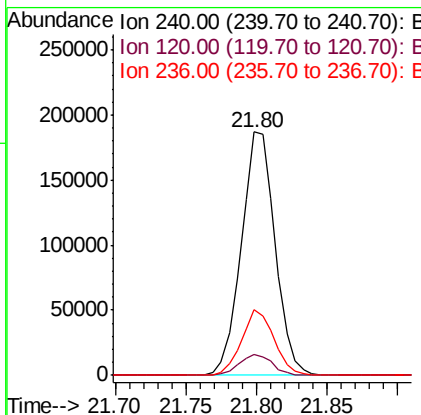
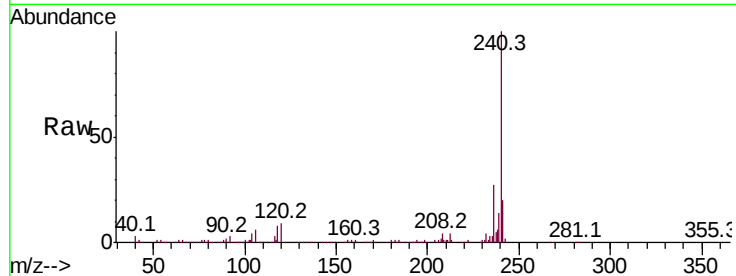




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG040092.D
 Acq: 22 Mar 2019 20:55

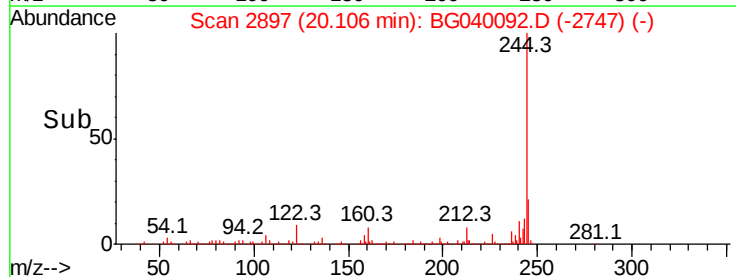
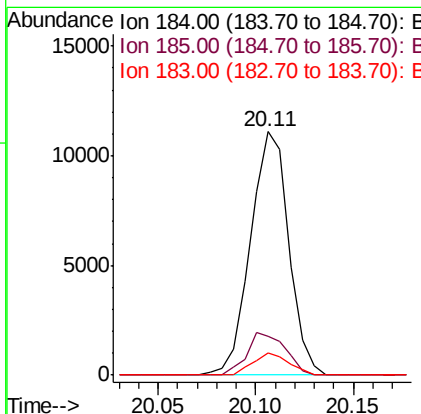
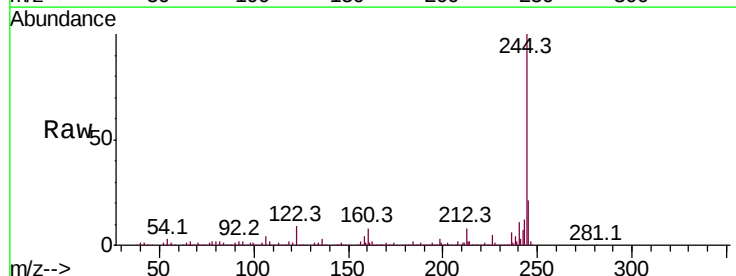
Instrument :
 BNA_G
 ClientSampleId :

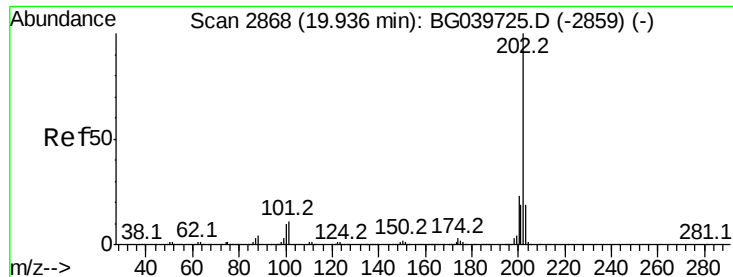
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.9	21.0	31.4



#77
 Benzidine
 Concen: 1.508 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. 0.35 min
 Lab File: BG040092.D
 Acq: 22 Mar 2019 20:55

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.2
183	9.1	10.6	15.8#

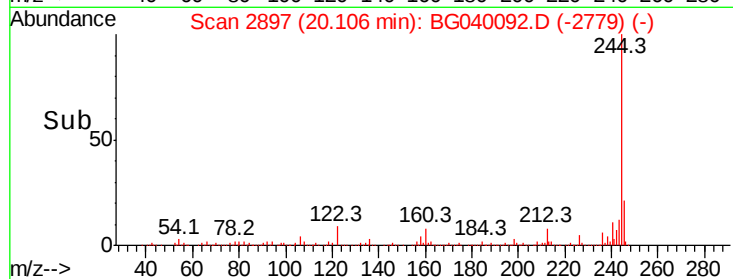
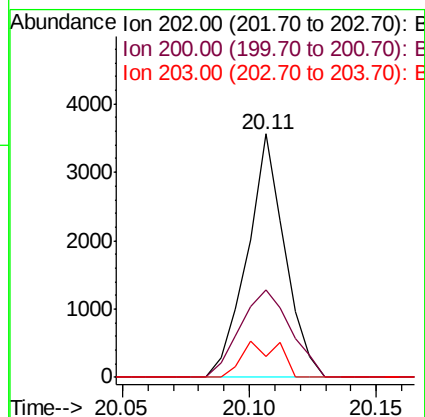
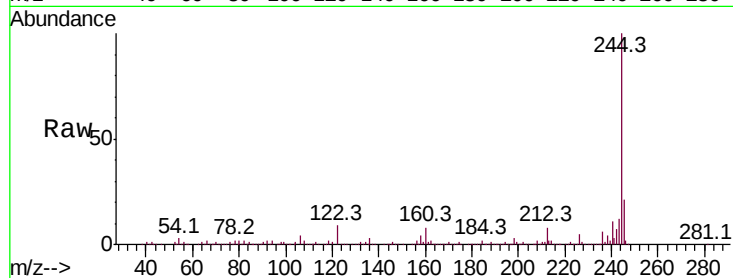




#78
Pvrene
Concen: 0.180 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.16 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

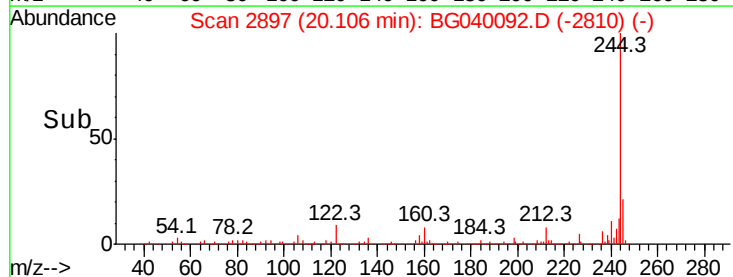
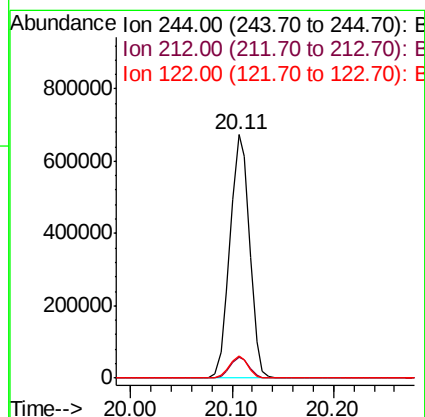
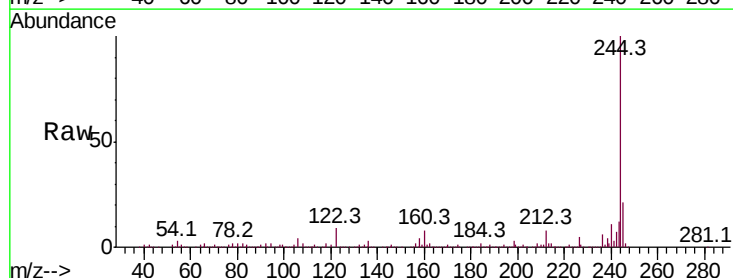
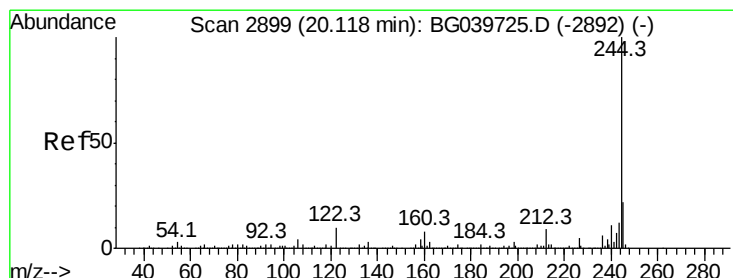
Instrument :
BNA_G
ClientSampleId :

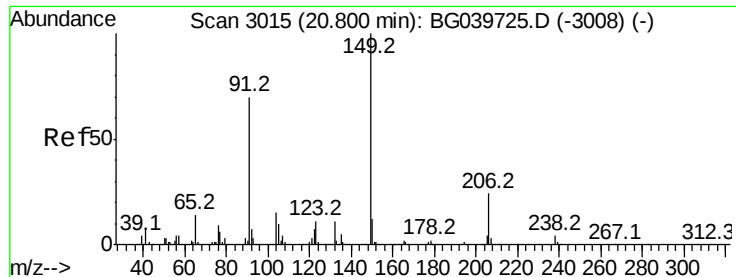
Tot Ion:202 Resp: 3678
Ion Ratio Lower Upper
202 100
200 36.0 17.8 26.8#
203 8.6 15.3 22.9#



#79
Terphenyl-d14
Concen: 63.702 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion:244 Resp: 907691
Ion Ratio Lower Upper
244 100
212 8.4 7.3 10.9
122 9.2 8.4 12.6

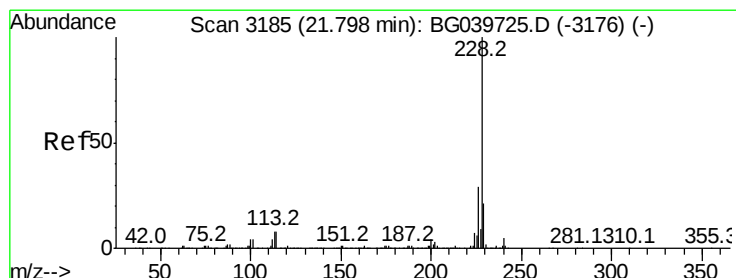
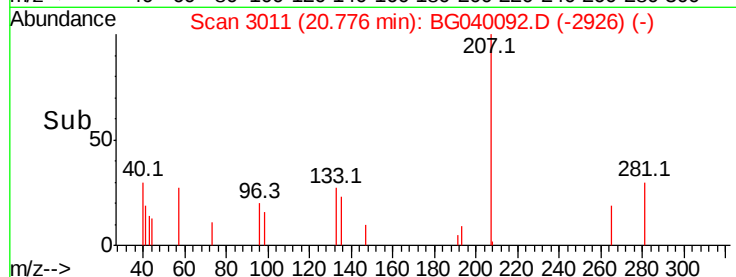
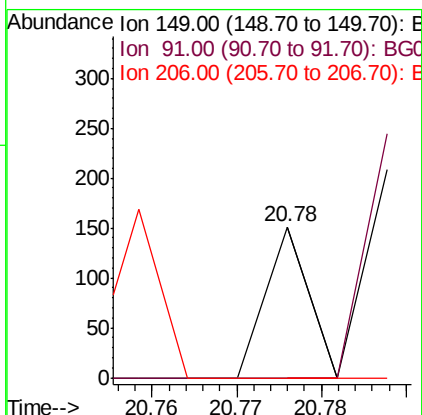
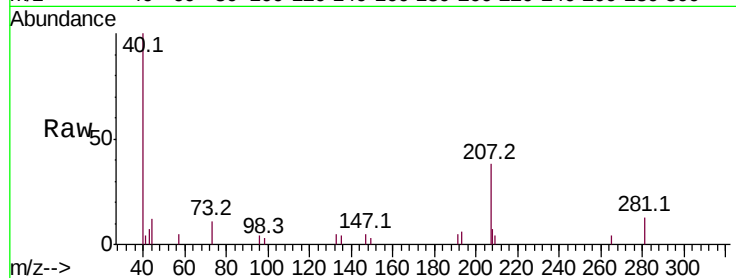




#80
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.78 min Scan# 3011
Delta R.T. -0.03 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

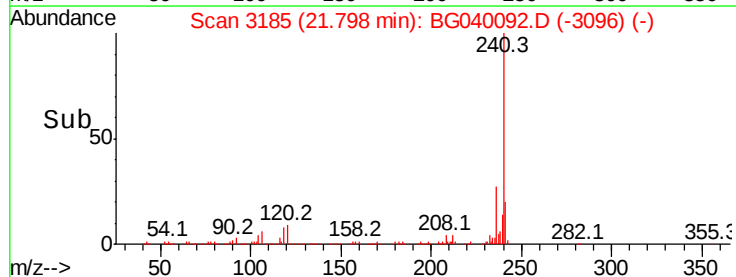
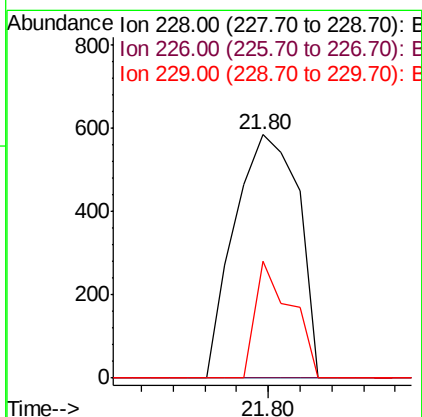
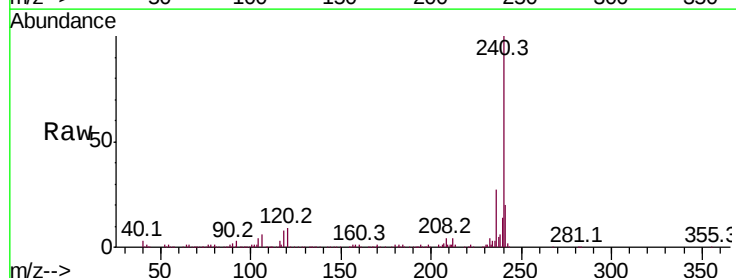
Instrument :
BNA_G
ClientSampled :

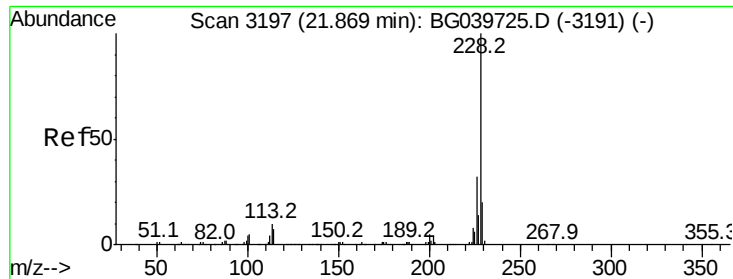
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#



#81
Benzo(a)anthracene
Concen: 0.041 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	48.1	16.9	25.3#





#83

Chrysene

Concen: 0.043 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.08 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampleId :

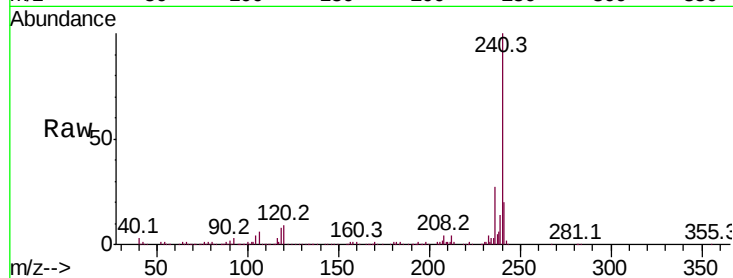
Tot Ion:228 Resp: 814

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

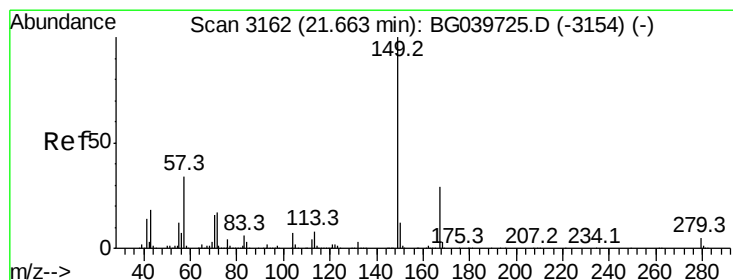
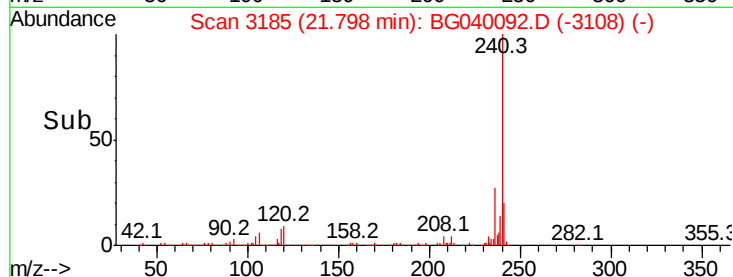
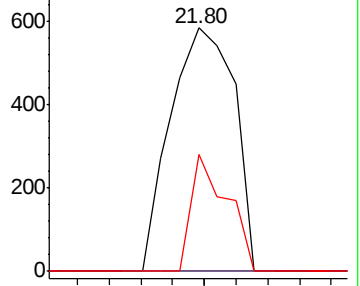
229 48.1 16.6 25.0#



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: 0.162 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

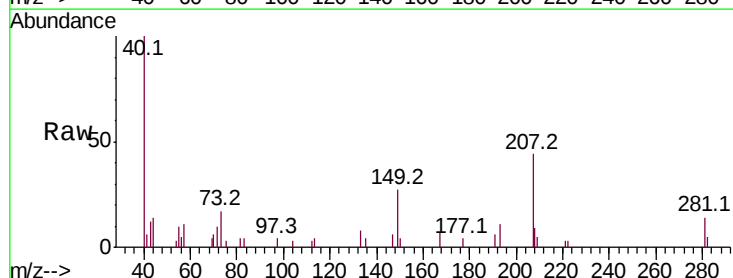
Tgt Ion:149 Resp: 1797

Ion Ratio Lower Upper

149 100

167 27.6 22.6 34.0

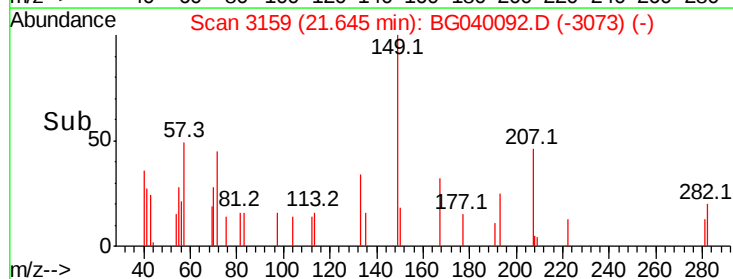
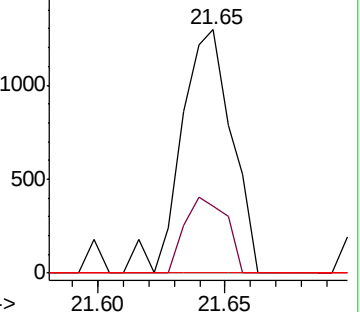
279 0.0 3.5 5.3#

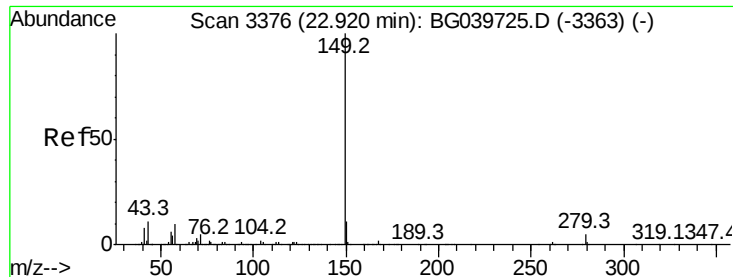


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

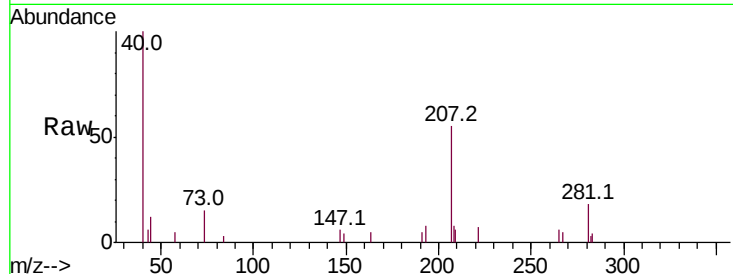




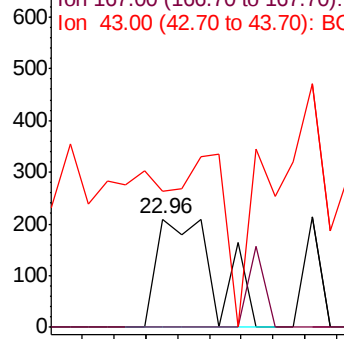
#85
Di-n-octyl phthalate
Concen: 0.015 ng
RT: 22.96 min Scan# 3382
Delta R.T. 0.03 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Instrument :
BNA_G
ClientSampled :

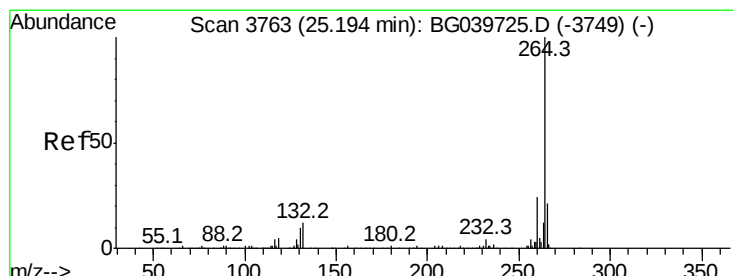
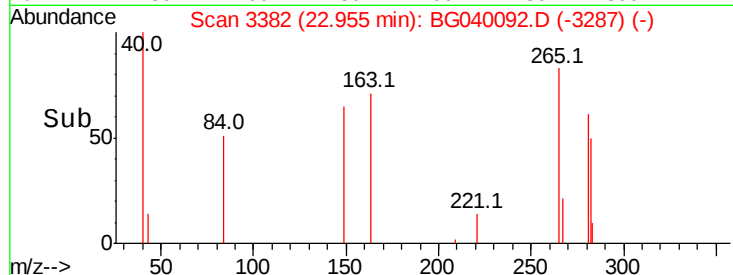
Tot Ion:149 Resp: 268
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 10.2 15.4#



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): BG

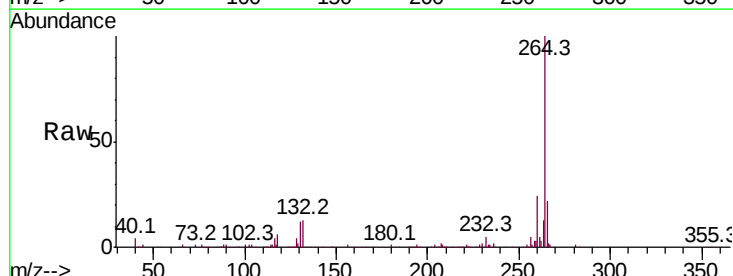


Time-->

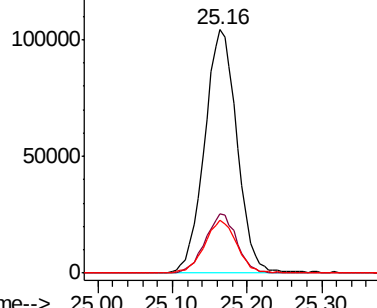


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

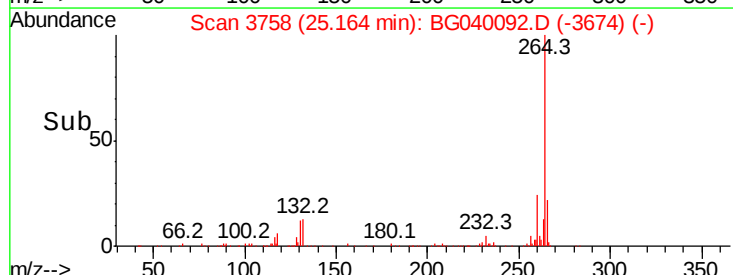
Tgt Ion:264 Resp: 314408
Ion Ratio Lower Upper
264 100
260 24.4 18.2 27.4
265 21.9 18.5 27.7

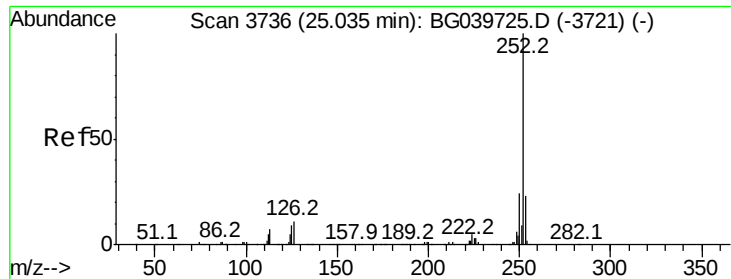


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#90

Benzo(a)pyrene

Concen: 0.060 ng

RT: 25.16 min Scan# 3757

Delta R.T. 0.12 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1036

Ion Ratio Lower Upper

252 100

253 54.9 17.9 26.9#

125 0.0 8.3 12.5#

