

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039744.D
 Acq On : 4 Mar 2019 23:24
 Operator : JU/SJ
 Sample : K1714-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-11-14

Quant Time: Mar 05 06:27:35 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	8.16	152	43206	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	189391	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	130398	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	335105	20.00	ng	-0.01
76) Chrysene-d12	21.82	240	344740	20.00	ng	-0.01
87) Perylene-d12	25.18	264	349348	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	416134	164.31	ng	-0.01
7) Phenol-d6	7.30	99	610263	161.61	ng	-0.01
23) Nitrobenzene-d5	9.33	82	357931	102.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	251445	165.44	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	826537	90.25	ng	-0.01
79) Terphenyl-d14	20.12	244	1313336	83.88	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	54	0.046	ng	# 1
4) n-Nitrosodimethylamine	3.94	42	245	0.165	ng	# 1
6) Aniline	7.34	93	115	0.023	ng	# 1
8) 2-Chlorophenol	7.68	128	120	0.039	ng	# 1
9) Benzaldehyde	7.30	77	1093	0.449	ng	# 4
10) Phenol	7.33	94	9945	2.431	ng	# 66
11) bis(2-Chloroethyl)ether	7.68	93	693	0.217	ng	# 1
12) 1,3-Dichlorobenzene	8.48	146	63	0.018	ng	# 1
13) 1,4-Dichlorobenzene	8.48	146	63	0.018	ng	# 1
14) 1,2-Dichlorobenzene	8.48	146	63	0.018	ng	# 1
15) Benzyl Alcohol	8.48	79	5386	1.798	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	8.59	45	62	0.010	ng	# 75
19) n-Nitroso-di-n-propylamine	9.33	70	46794	17.216	ng	# 67
24) Nitrobenzene	9.34	77	1080	0.294	ng	# 41
29) 2,4-Dichlorophenol	11.05	162	75	0.024	ng	# 23
37) 2-Methylnaphthalene	12.81	142	54	0.007	ng	# 13
38) 1-Methylnaphthalene	12.81	142	54	0.007	ng	# 7
46) 1,1'-Biphenyl	13.62	154	1283	0.120	ng	# 68
48) 2-Nitroaniline	14.22	65	642	0.248	ng	# 1
50) Dimethylphthalate	14.22	163	67220	6.165	ng	# 99
51) 2,6-Dinitrotoluene	14.22	165	663	0.287	ng	# 30
52) Acenaphthene	14.85	154	57	0.007	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	17696	5.448	ng	# 18
58) Fluorene	16.27	166	10993	1.069	ng	# 88
60) Diethylphthalate	15.57	149	446	0.041	ng	# 58
63) Azobenzene	16.27	77	1464	0.150	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.26	198	965	0.487	ng	# 1
66) n-Nitrosodiphenylamine	16.27	169	10866	1.120	ng	# 46
67) 4-Bromophenyl-phenylether	16.27	248	19221	5.124	ng	# 1
69) Atrazine	17.41	200	57	0.015	ng	# 35
71) Phenanthrene	17.57	178	256	0.014	ng	# 59
72) Anthracene	17.57	178	256	0.014	ng	# 60
74) Di-n-butylphthalate	18.46	149	1847	0.097	ng	# 85
75) Fluoranthene	19.57	202	79	0.004	ng	# 63

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QLast Update : Mon Mar 04 14:38:15 2019
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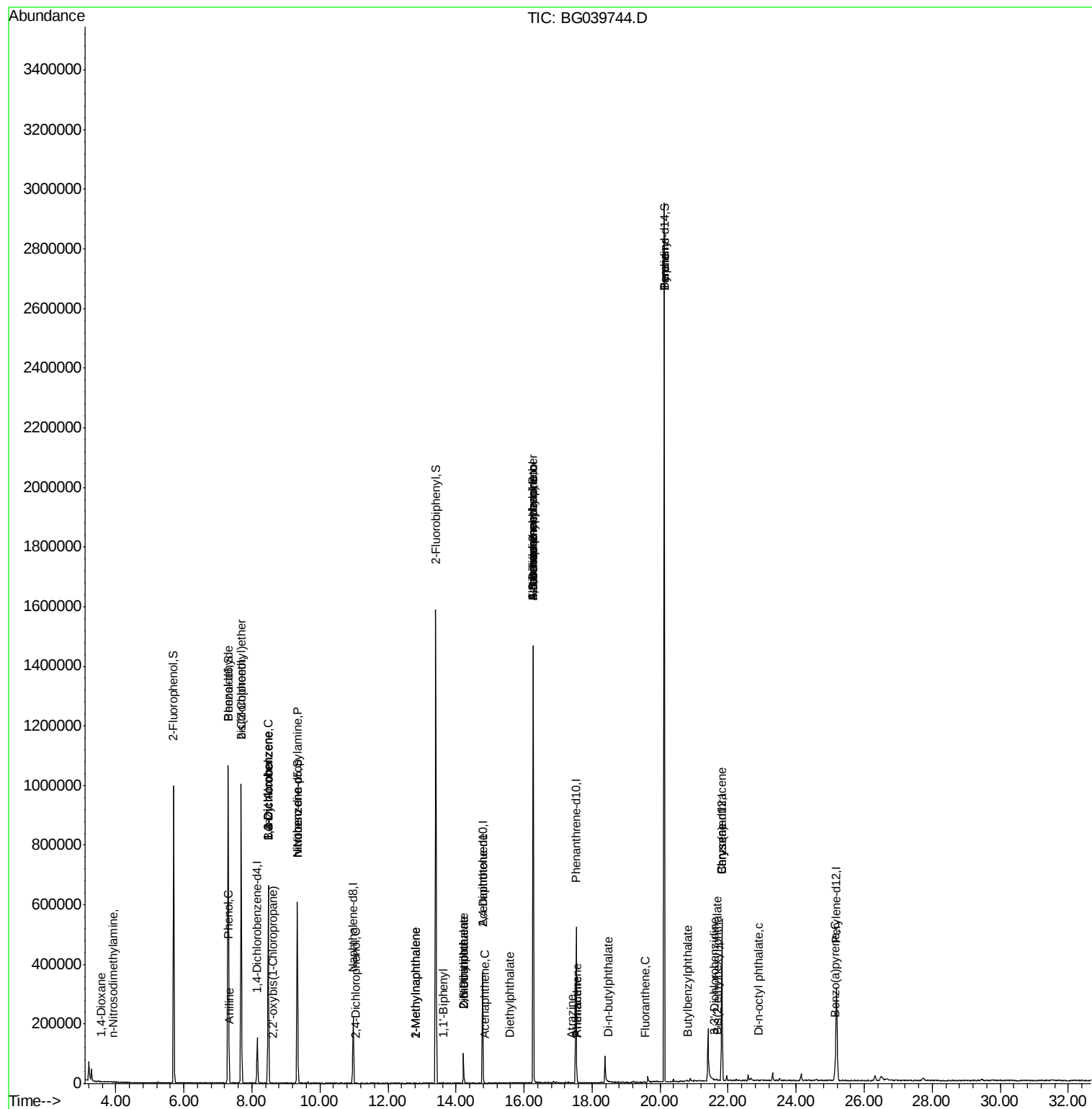
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Benzidine	20.12	184	22384	2.046	ng	# 89
78) Pyrene	20.12	202	5311	0.237	ng	# 62
80) Butylbenzylphthalate	20.80	149	58	0.007	ng	# 49
81) Benzo(a)anthracene	21.81	228	1142	0.053	ng	# 66
82) 3,3'-Dichlorobenzidine	21.60	252	56	0.007	ng	# 26
83) Chrysene	21.81	228	1142	0.055	ng	# 62
84) Bis(2-ethylhexyl)phthalate	21.66	149	1801	0.148	ng	# 85
85) Di-n-octyl phthalate	22.89	149	112	0.006	ng	# 71
90) Benzo(a)pyrene	25.14	252	62	0.003	ng	# 3

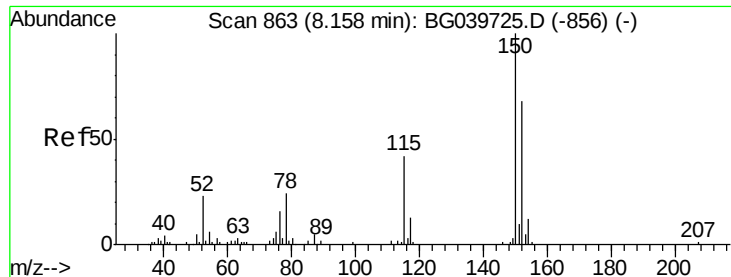
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

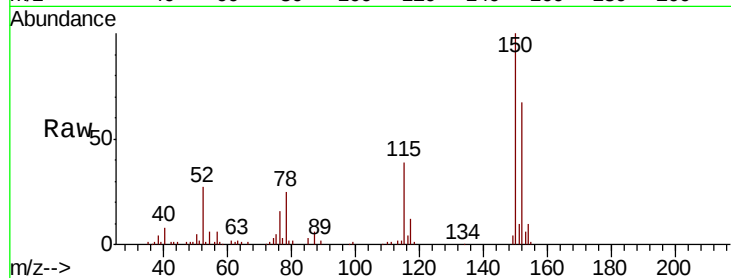
Tgt Ion:152 Resp: 43206

Ion Ratio Lower Upper

152 100

150 149.7 123.7 185.5

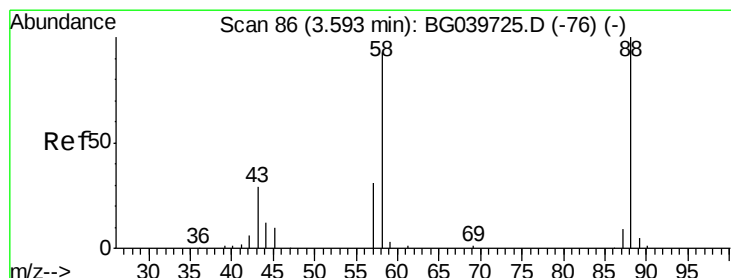
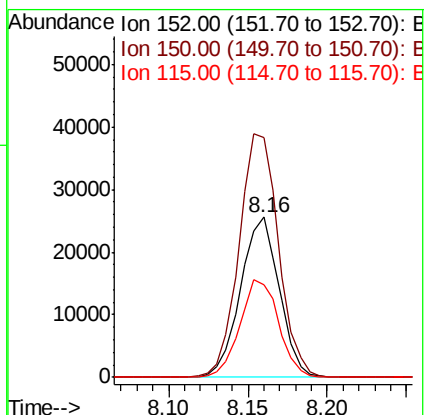
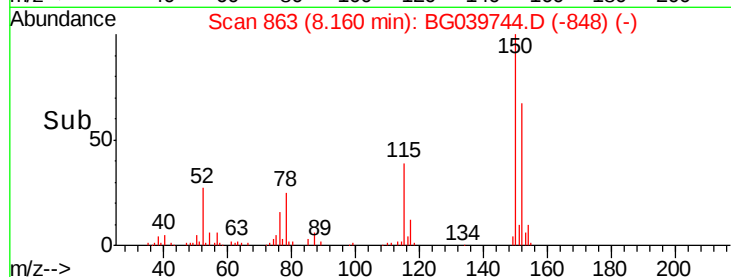
115 57.8 45.9 68.9



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



#2

1,4-Dioxane

Concen: 0.046 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

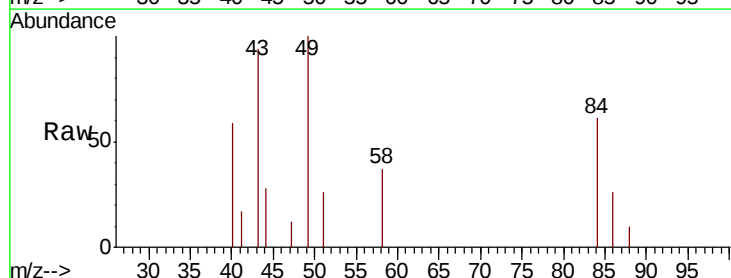
Tgt Ion: 88 Resp: 54

Ion Ratio Lower Upper

88 100

58 466.7 81.1 121.7#

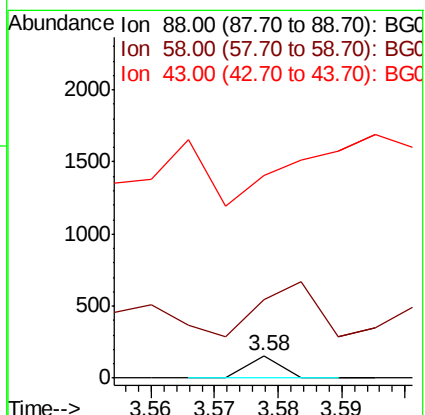
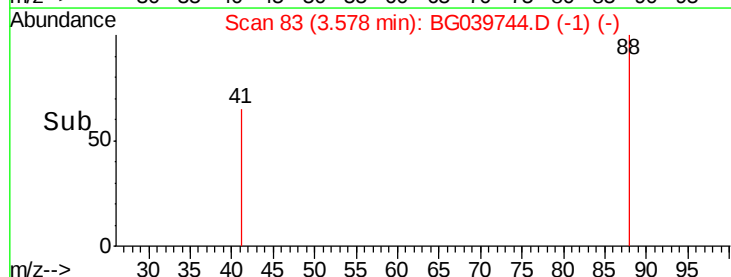
43 1450.0 31.4 47.0#

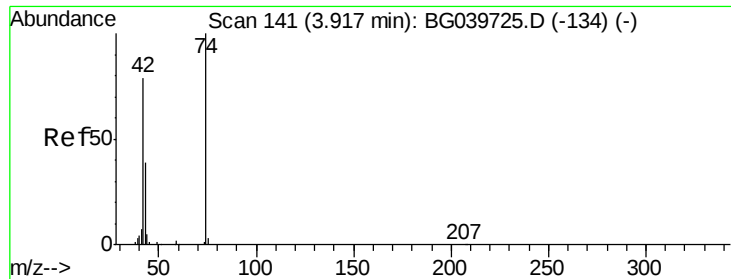


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



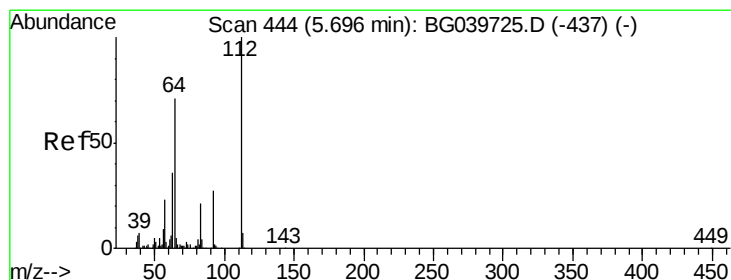
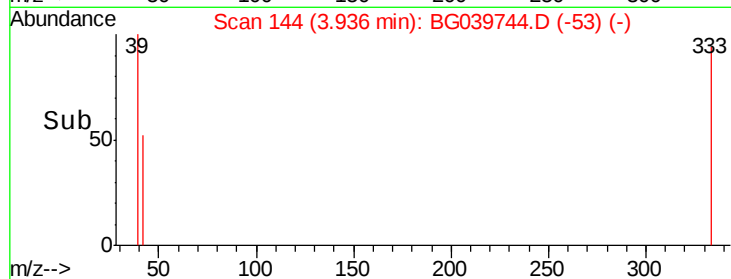
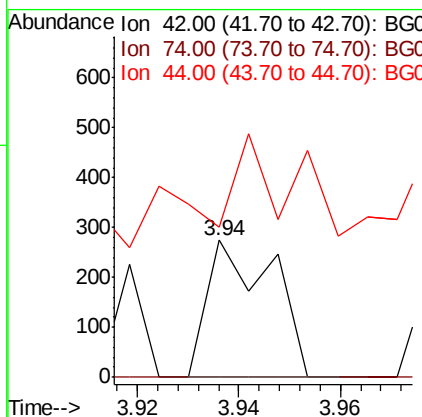
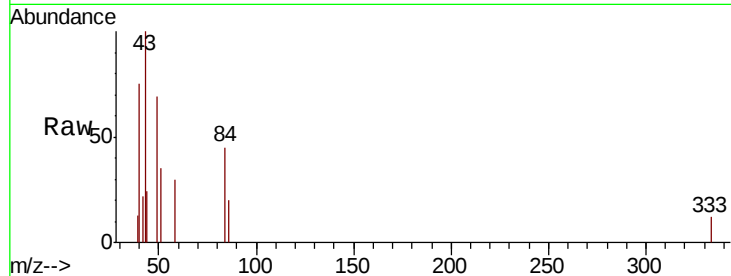


#4

n-Nitrosodimethylamine
 Concen: 0.165 ng
 RT: 3.94 min Scan# 144
 Delta R.T. 0.01 min
 Lab File: BG039744.D
 Acq: 4 Mar 2019 23:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-11-14

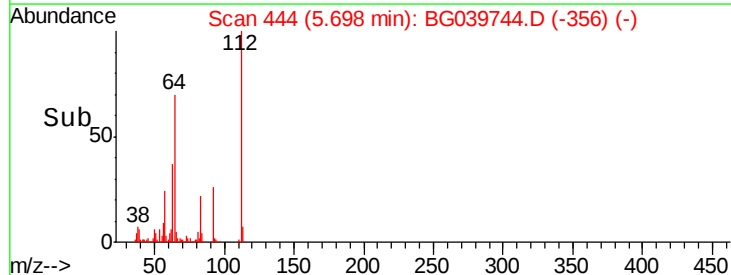
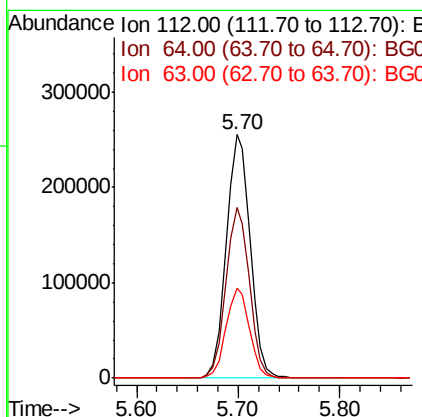
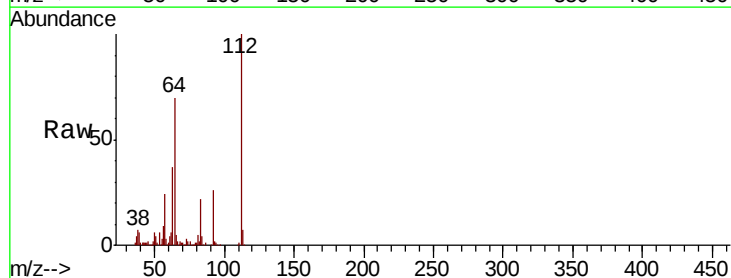
Tgt Ion: 42 Resp: 245
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 109.5 6.9 10.3#

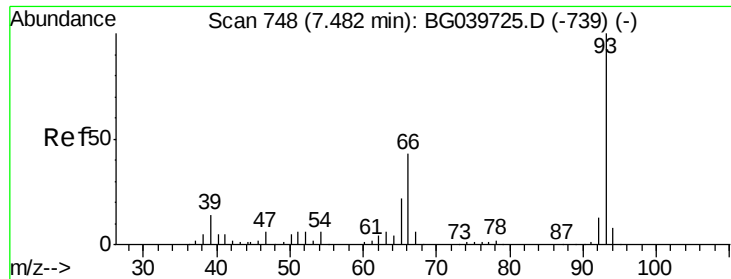


#5

2-Fluorophenol
 Concen: 164.312 ng
 RT: 5.70 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BG039744.D
 Acq: 4 Mar 2019 23:24

Tgt Ion: 112 Resp: 416134
 Ion Ratio Lower Upper
 112 100
 64 70.3 57.8 86.8
 63 37.0 29.8 44.6





#6

Aniline

Concen: 0.023 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.16 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampled :

SB-B-11-14

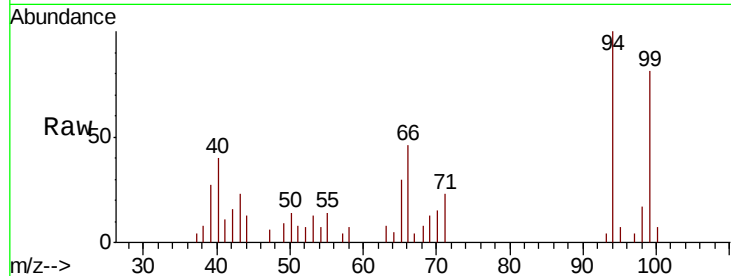
Tgt Ion: 93 Resp: 115

Ion Ratio Lower Upper

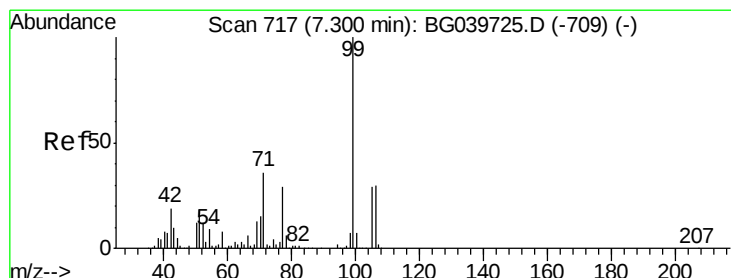
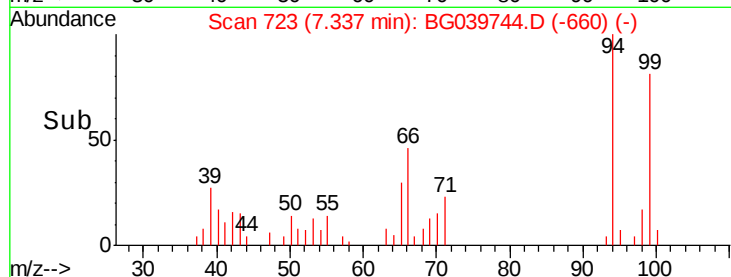
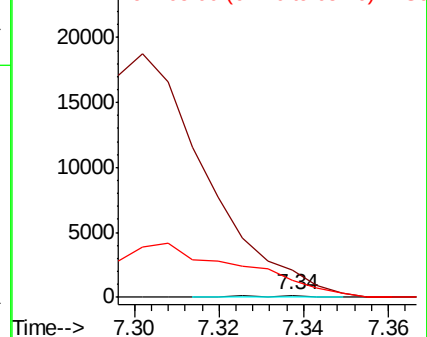
93 100

66 1240.4 34.2 51.4#

65 812.0 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: 161.607 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

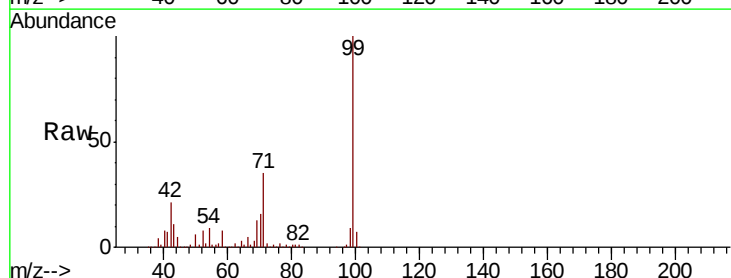
Tgt Ion: 99 Resp: 610263

Ion Ratio Lower Upper

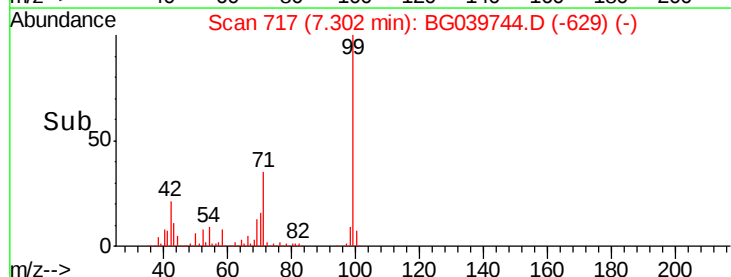
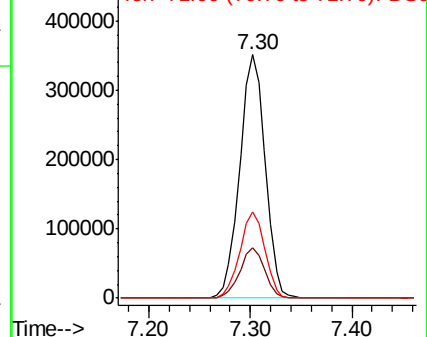
99 100

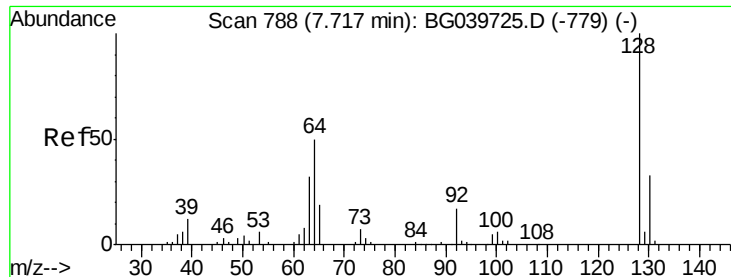
42 20.6 18.2 27.2

71 35.2 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





#8

2-Chlorophenol

Concen: 0.039 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.04 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

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BNA_G

ClientSampleId :

SB-B-11-14

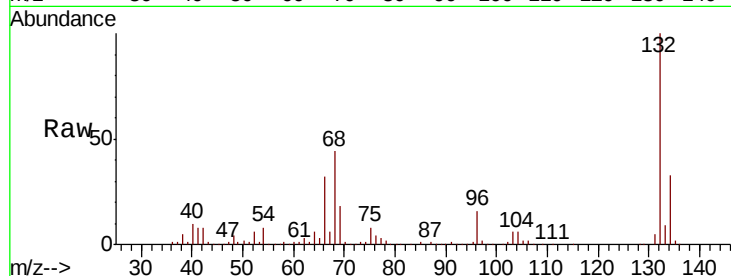
Tgt Ion:128 Resp: 120

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

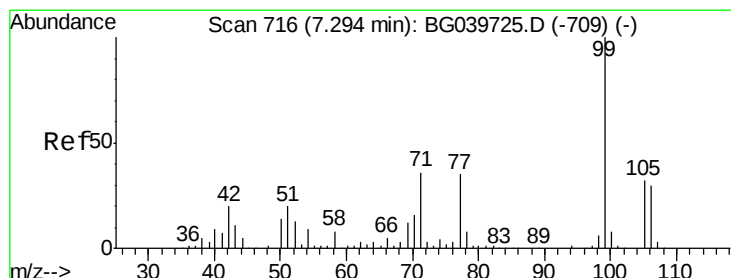
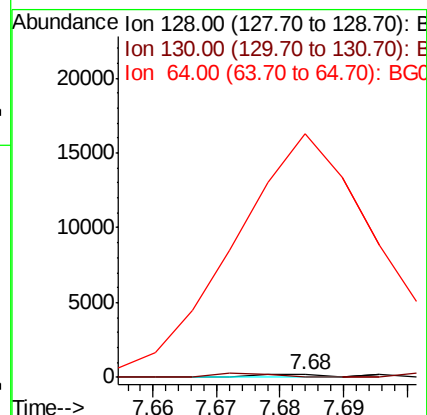
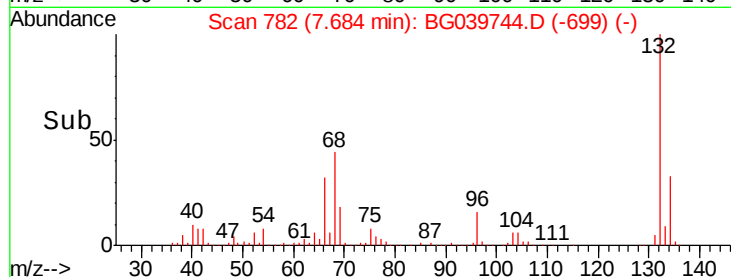
64 9462.8 38.7 78.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BG



#9

Benzaldehyde

Concen: 0.449 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

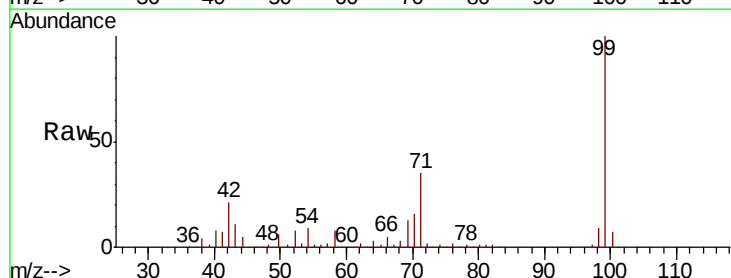
Tgt Ion: 77 Resp: 1093

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

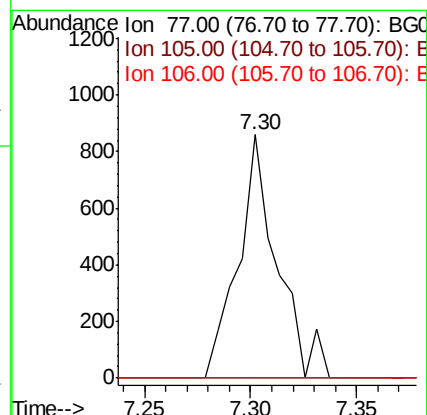
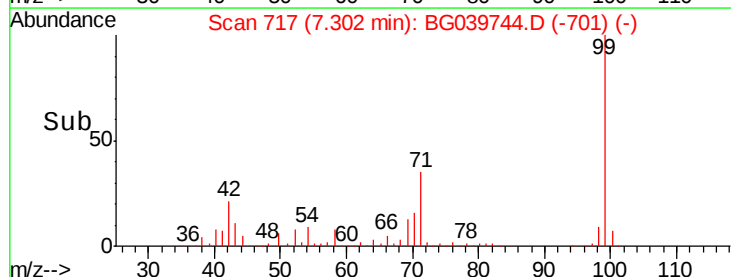
106 0.0 68.0 108.0#

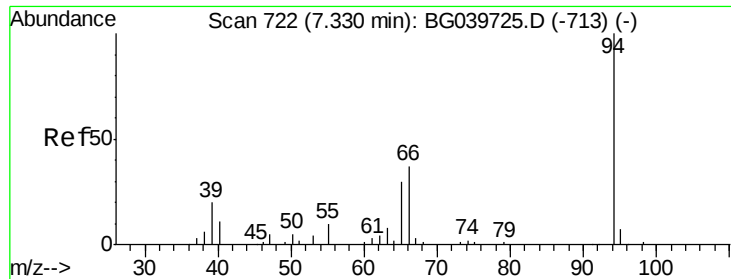


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.431 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

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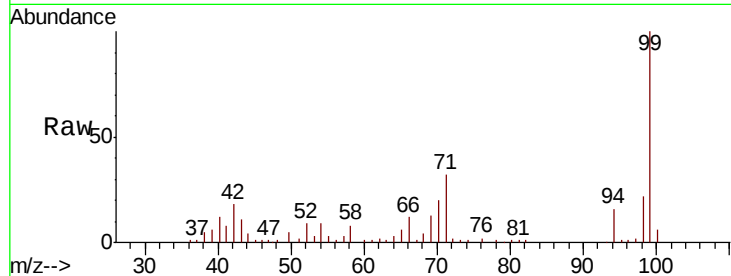
Tgt Ion: 94 Resp: 9945

Ion Ratio Lower Upper

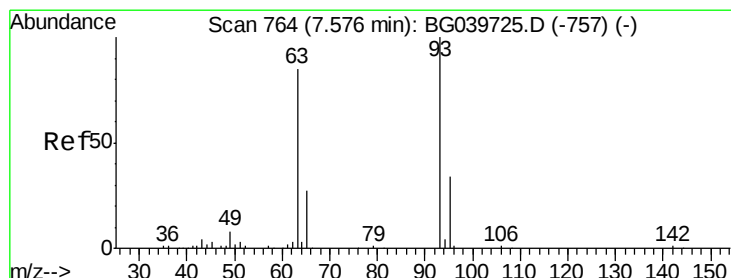
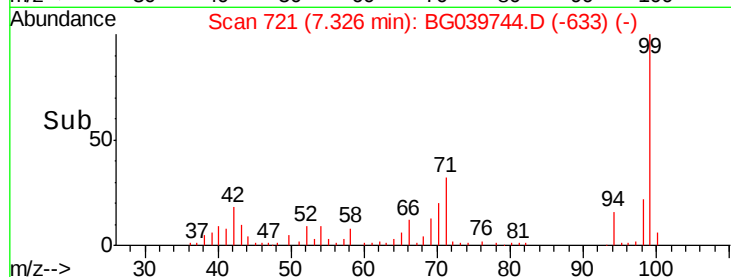
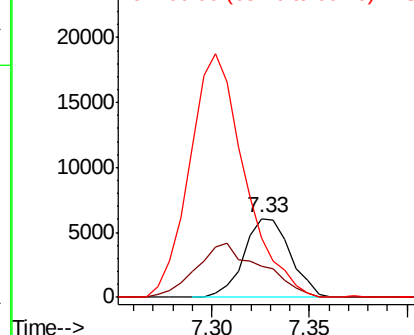
94 100

65 39.0 11.7 51.7

66 75.8 23.7 63.7#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.217 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.10 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

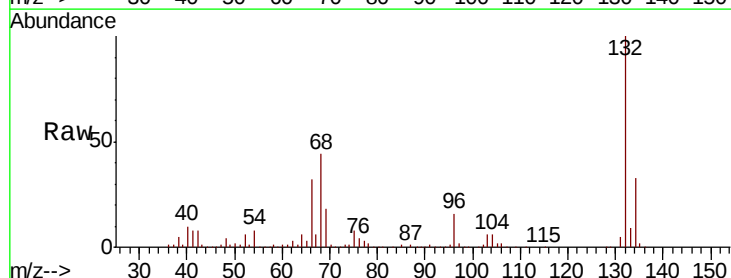
Tgt Ion: 93 Resp: 693

Ion Ratio Lower Upper

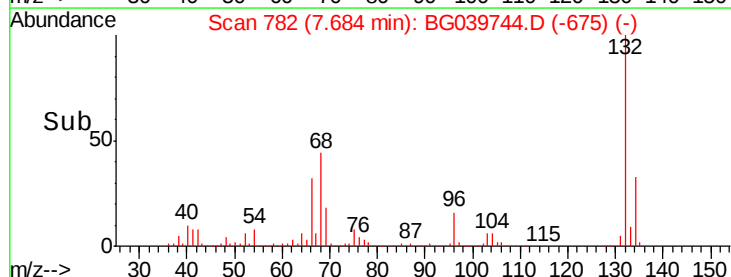
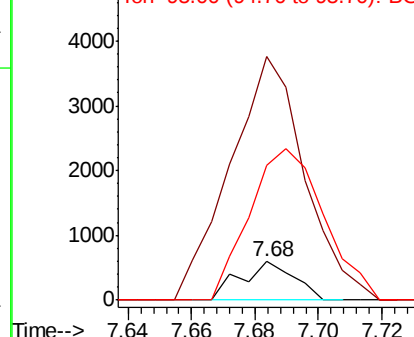
93 100

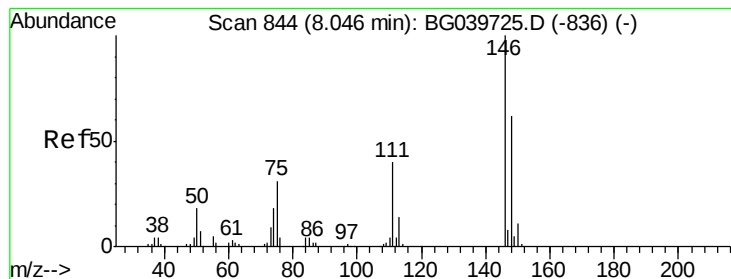
63 637.3 69.5 109.5#

95 352.0 12.7 52.7#



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





#12

1,3-Dichlorobenzene

Concen: 0.018 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.43 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

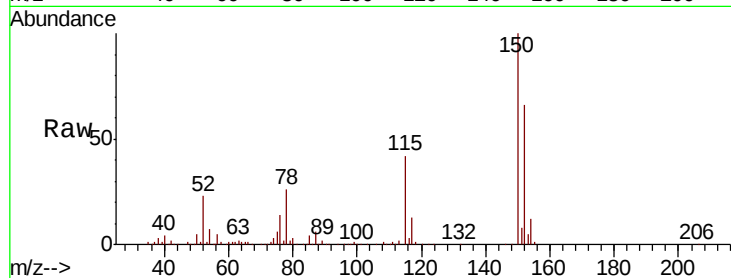
BNA_G

ClientSampled :

SB-B-11-14

Tgt Ion:146 Resp: 63

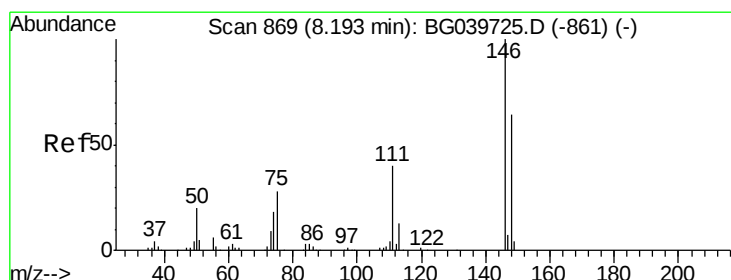
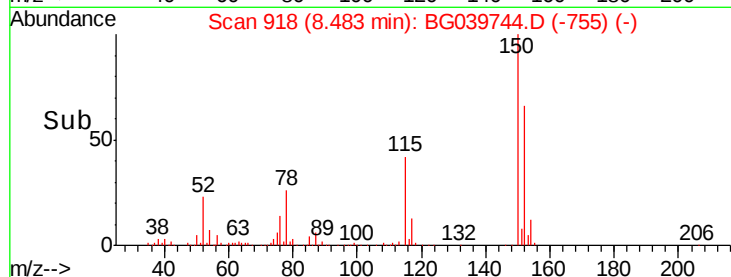
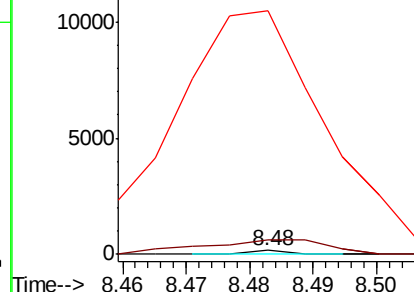
Ion	Ratio	Lower	Upper
146	100		
148	332.8	52.6	79.0#
75	5820.0	25.8	38.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 0.018 ng

RT: 8.48 min Scan# 918

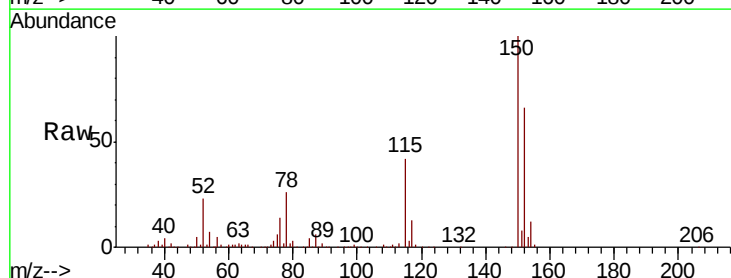
Delta R.T. 0.28 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Tgt Ion:146 Resp: 63

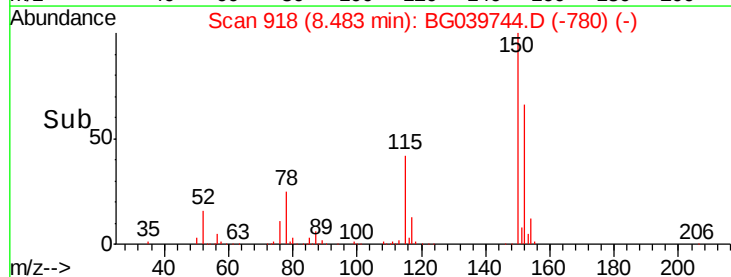
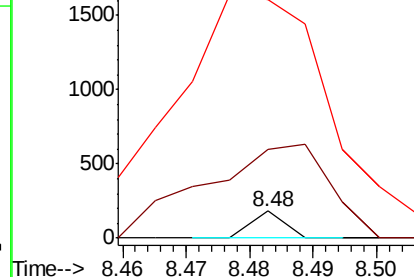
Ion	Ratio	Lower	Upper
146	100		
148	332.8	51.1	76.7#
111	893.3	32.6	48.8#

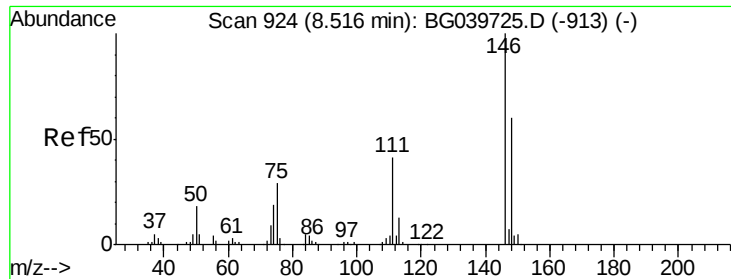


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.018 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.04 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

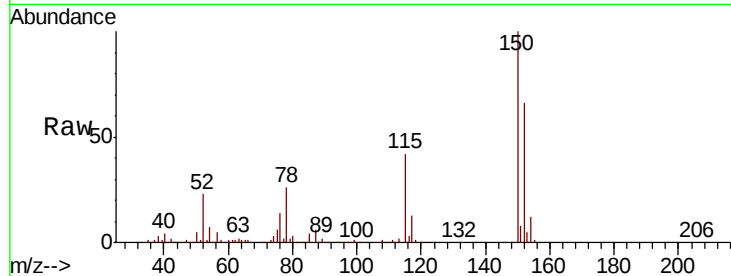
Tgt Ion:146 Resp: 63

Ion Ratio Lower Upper

146 100

148 332.8 51.5 77.3#

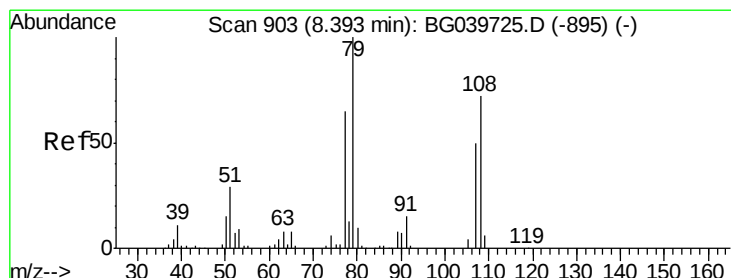
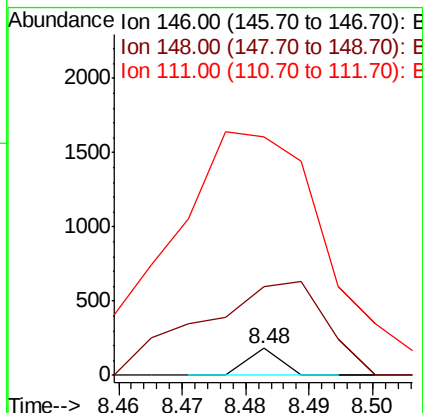
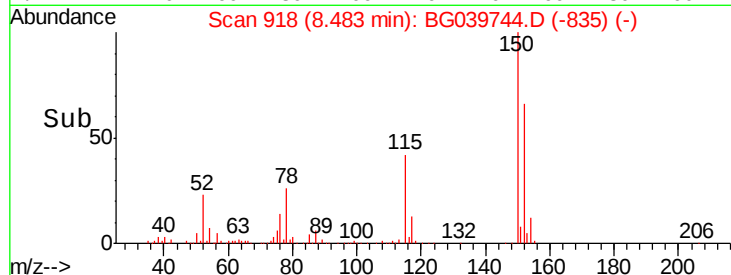
111 893.3 33.8 50.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.798 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.07 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

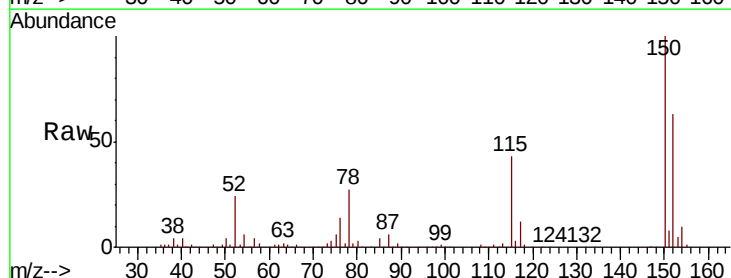
Tgt Ion: 79 Resp: 5386

Ion Ratio Lower Upper

79 100

108 34.5 57.8 86.6#

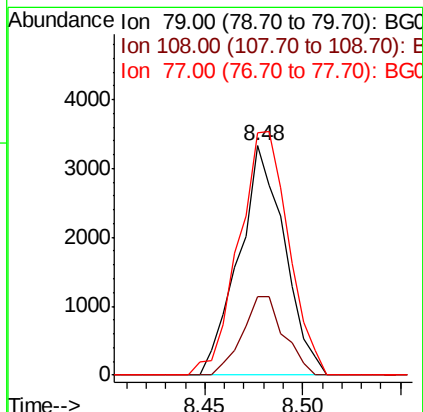
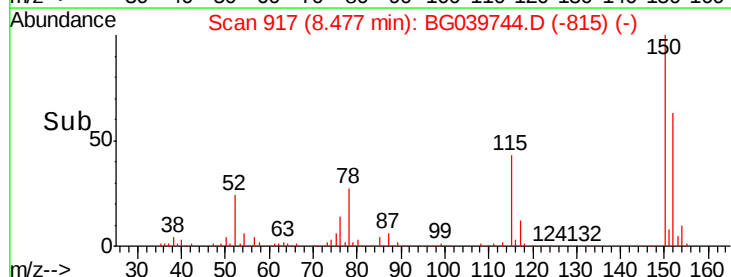
77 105.7 51.1 76.7#

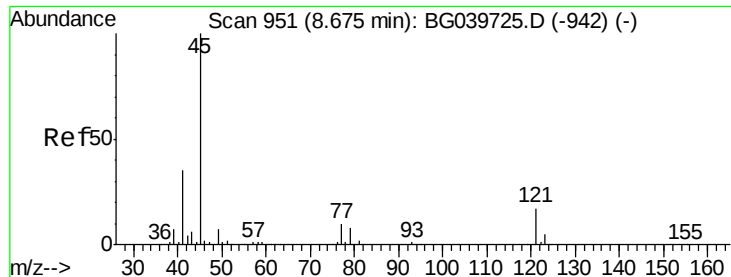


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

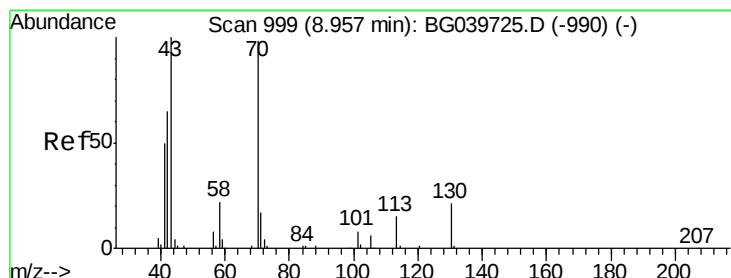
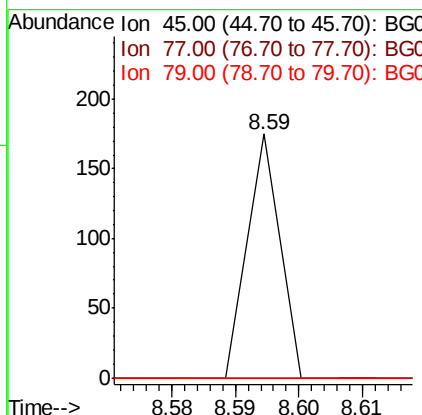
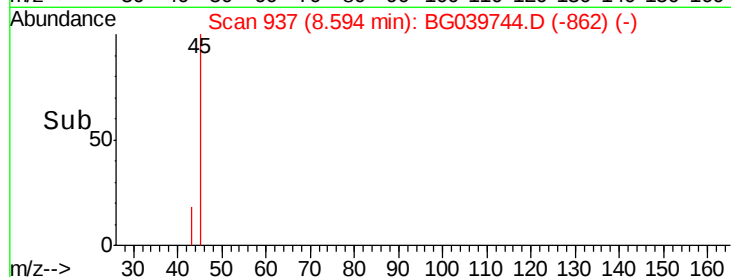
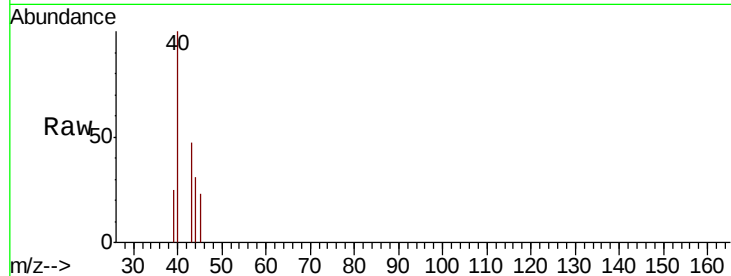




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.09 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

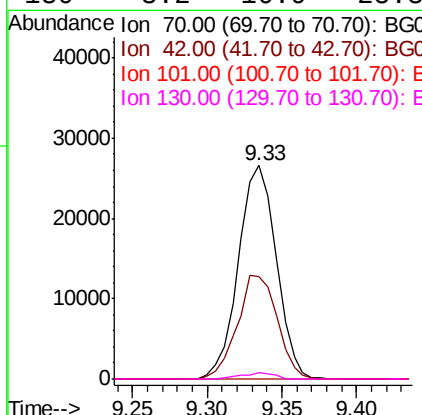
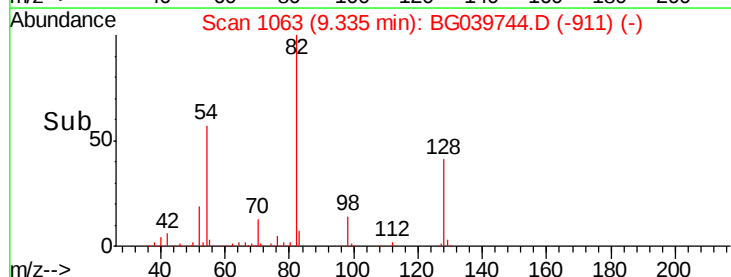
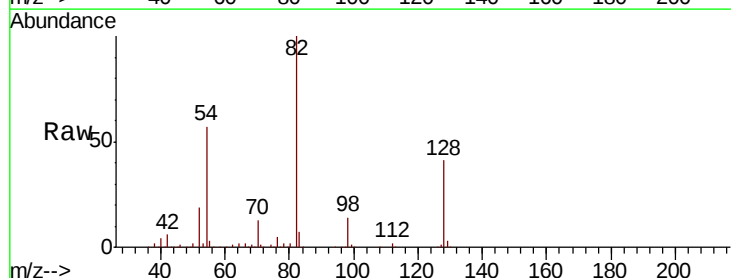
Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

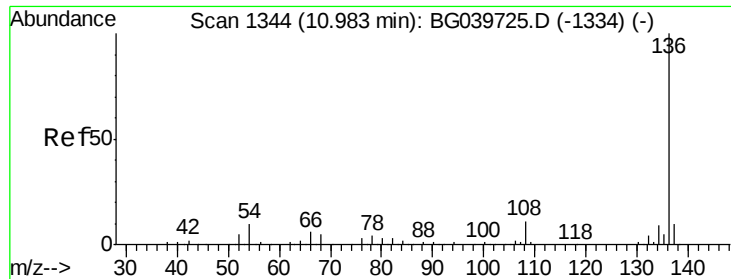
Tgt Ion: 45 Resp: 62
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.0
79 0.0 0.0 27.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.216 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.37 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 70 Resp: 46794
Ion Ratio Lower Upper
70 100
42 47.7 60.4 90.6#
101 0.0 7.5 11.3#
130 3.2 16.9 25.3#

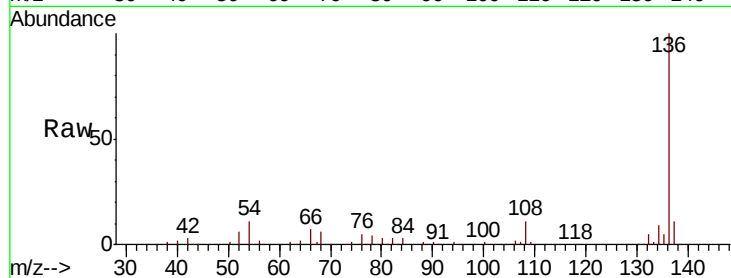




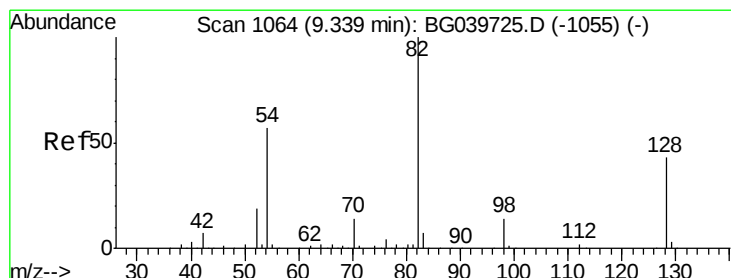
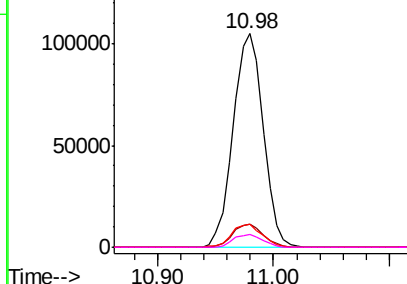
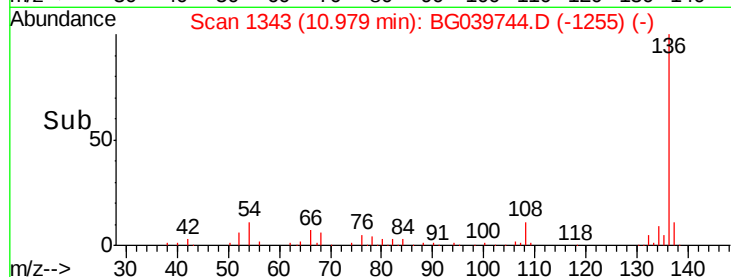
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:	136	Resp:	189391
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.7	9.4	14.2
68	6.1	4.2	6.4

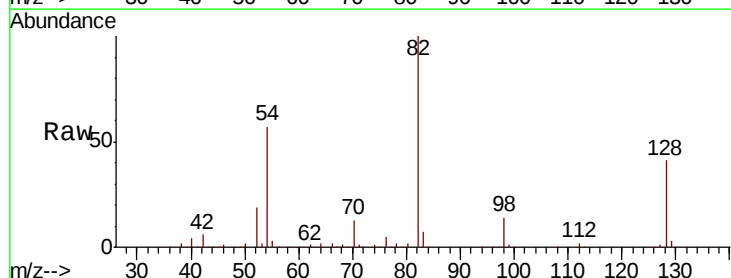


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

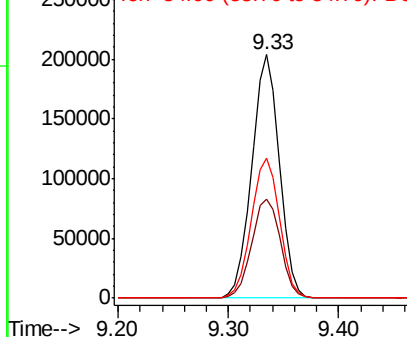
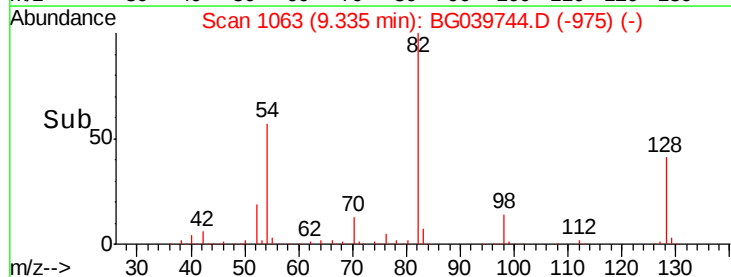


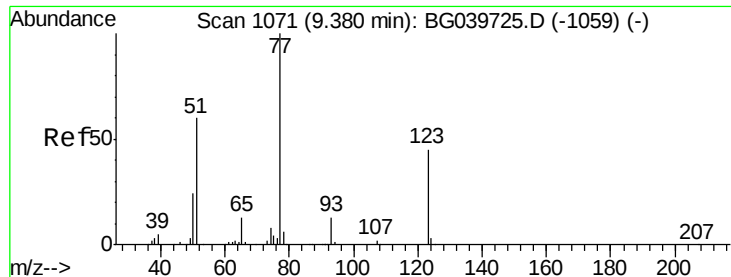
#23
Nitrobenzene-d5
Concen: 102.214 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:	82	Resp:	357931
Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.3	46.9
54	57.4	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

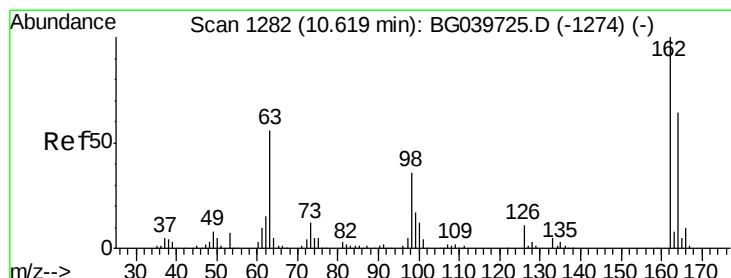
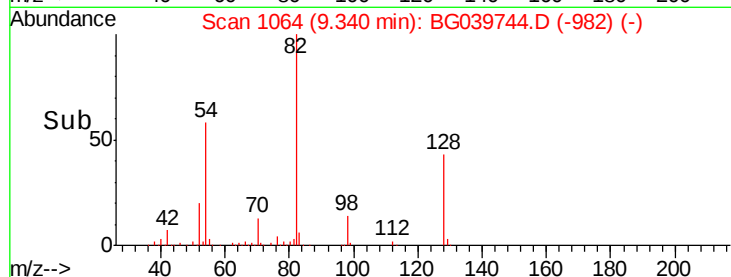
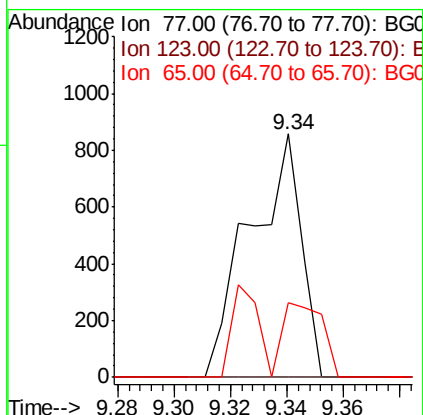
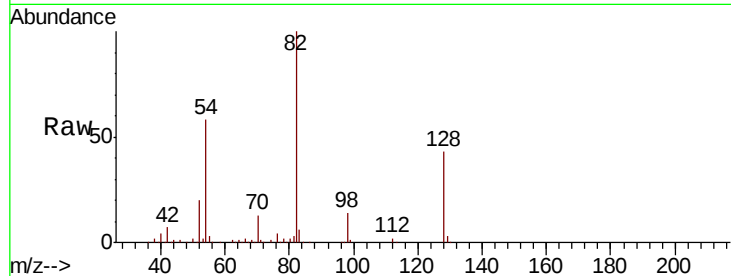




#24
 Nitrobenzene
 Concen: 0.294 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.05 min
 Lab File: BG039744.D
 Acq: 4 Mar 2019 23:24

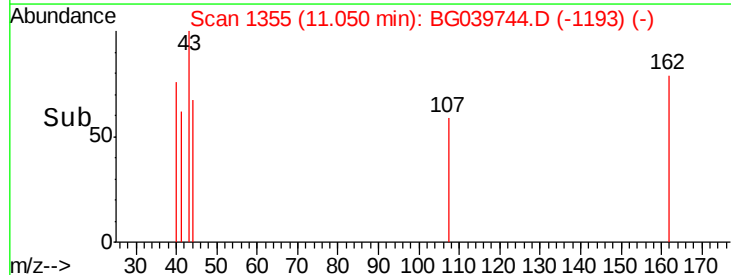
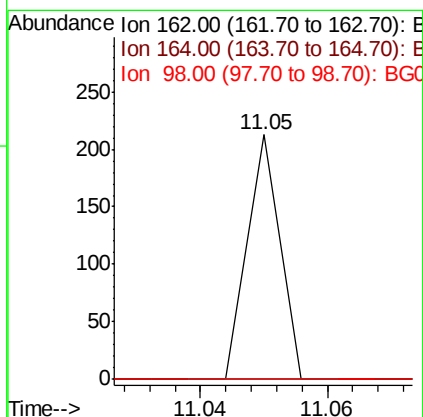
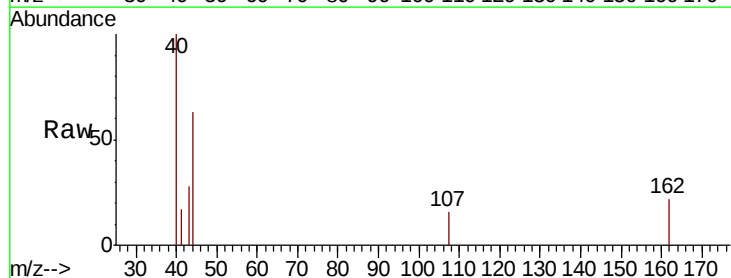
Instrument :
 BNA_G
 ClientSampleId :
 SB-B-11-14

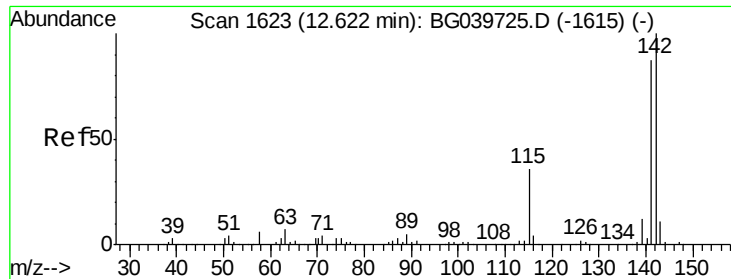
Tgt Ion: 77 Resp: 1080
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 30.5 12.3 18.5#



#29
 2,4-Dichlorophenol
 Concen: 0.024 ng
 RT: 11.05 min Scan# 1355
 Delta R.T. 0.42 min
 Lab File: BG039744.D
 Acq: 4 Mar 2019 23:24

Tgt Ion: 162 Resp: 75
 Ion Ratio Lower Upper
 162 100
 164 0.0 48.1 88.1#
 98 0.0 18.1 58.1#

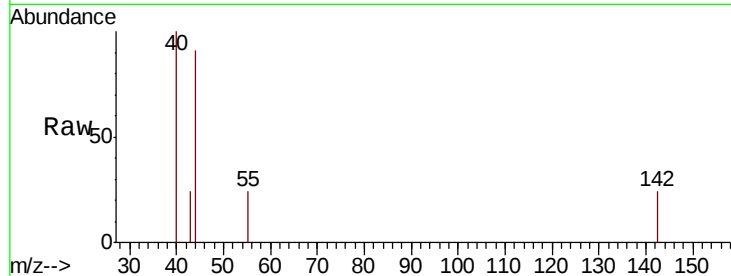




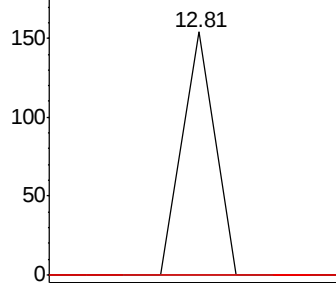
#37
 2-Methylnaphthalene
 Concen: 0.007 ng
 RT: 12.81 min Scan# 1655
 Delta R.T. 0.18 min
 Lab File: BG039744.D
 Acq: 4 Mar 2019 23:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-11-14

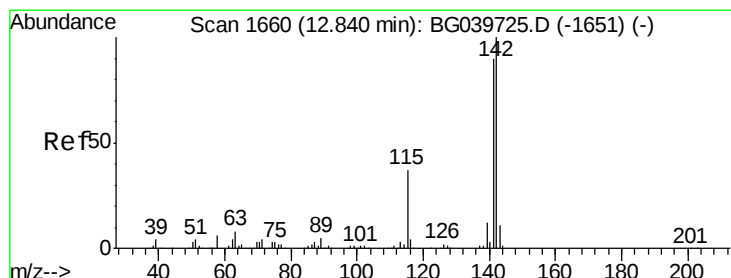
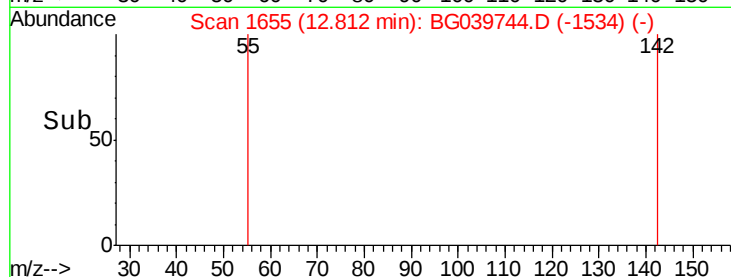
Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.5	110.3#
115	0.0	30.8	46.2#



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

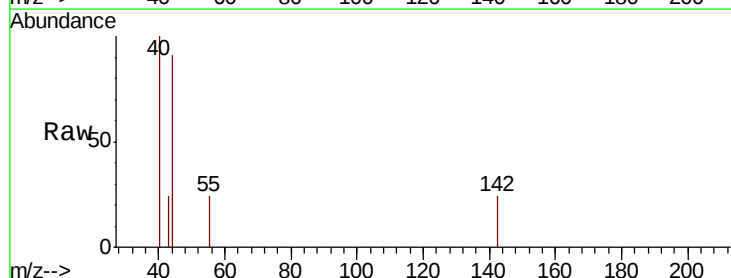


Time-->

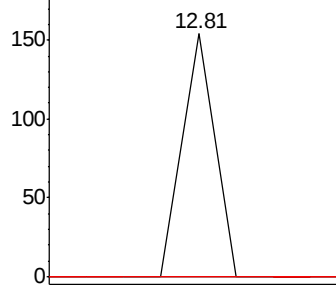


#38
 1-Methylnaphthalene
 Concen: 0.007 ng
 RT: 12.81 min Scan# 1655
 Delta R.T. -0.03 min
 Lab File: BG039744.D
 Acq: 4 Mar 2019 23:24

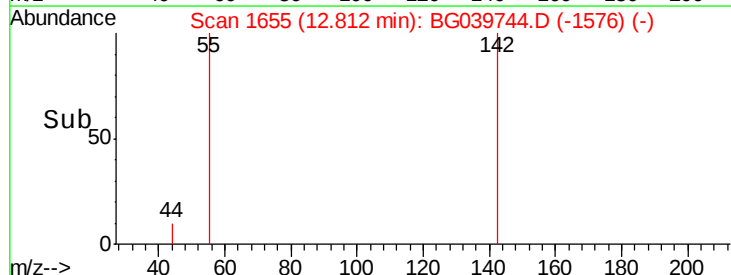
Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	74.2	111.4#
116	0.0	3.0	4.6#

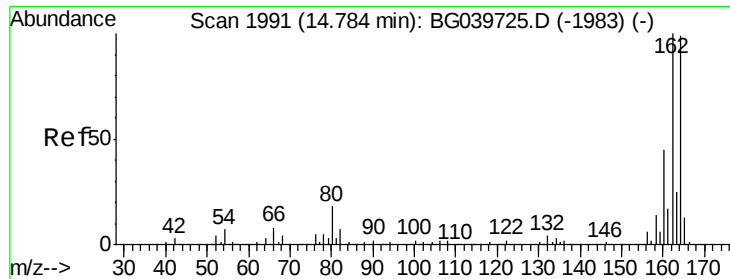


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

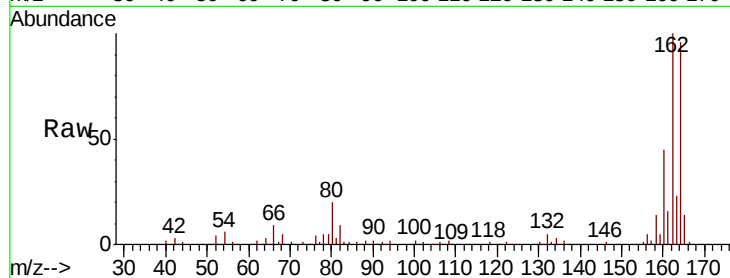
Tgt Ion:164 Resp: 130398

Ion Ratio Lower Upper

164 100

162 103.6 81.6 122.4

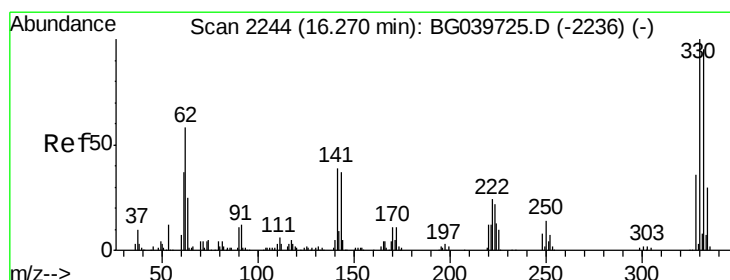
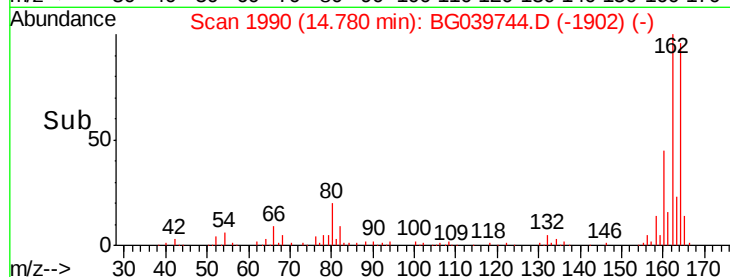
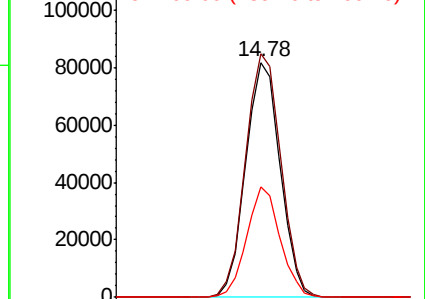
160 47.1 34.2 51.2



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: 165.437 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

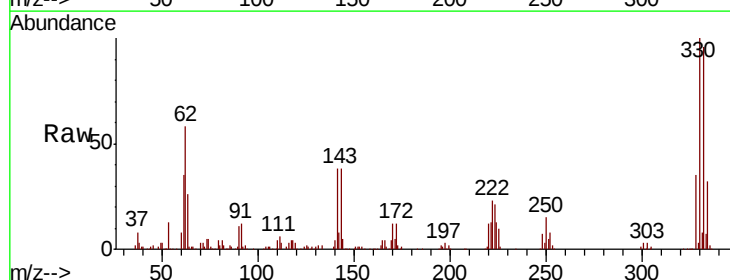
Tgt Ion:330 Resp: 251445

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

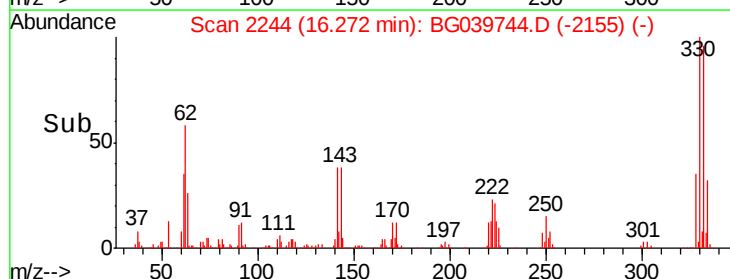
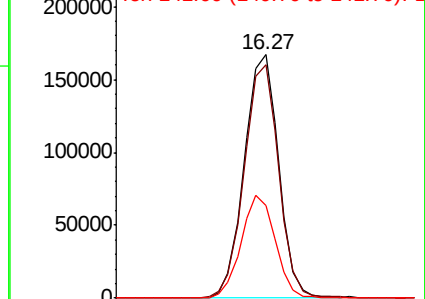
141 41.9 35.6 53.4

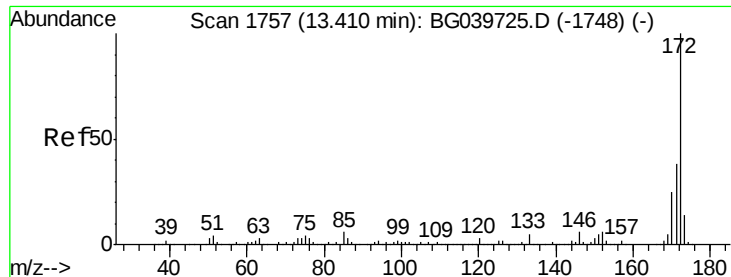


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

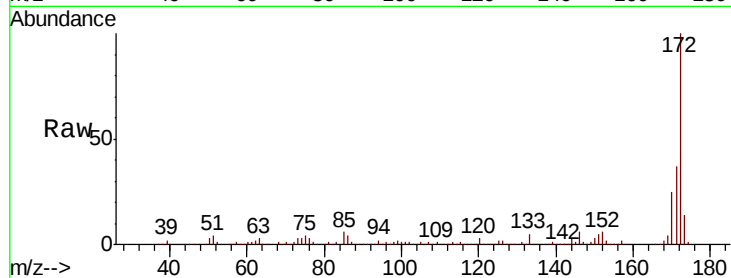




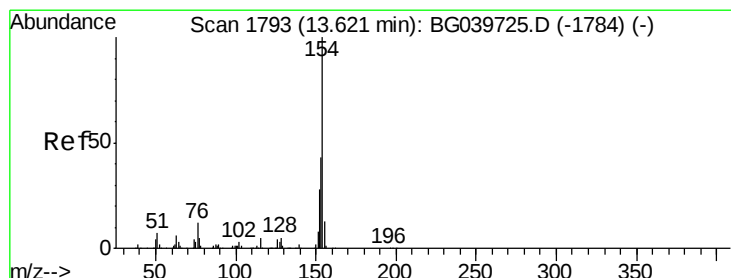
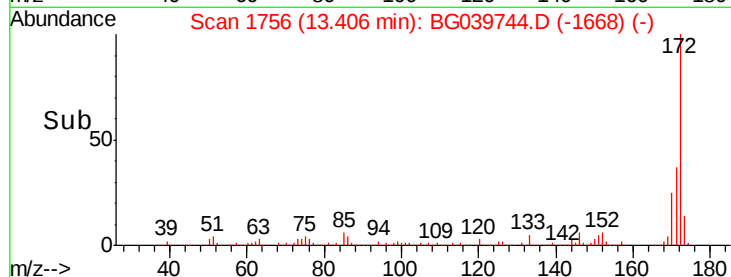
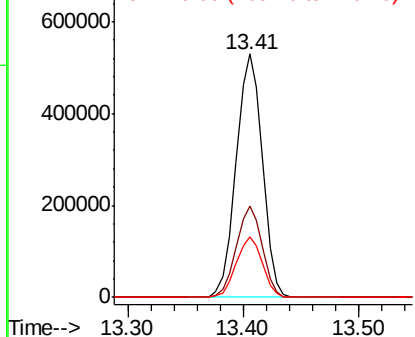
#45
2-Fluorobiphenyl
Concen: 90.250 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:172 Resp: 826537
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 25.0 20.2 30.4

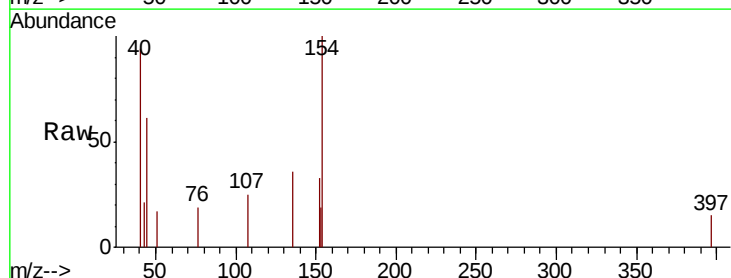


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

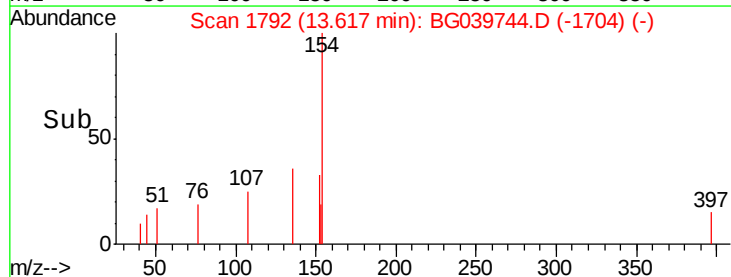
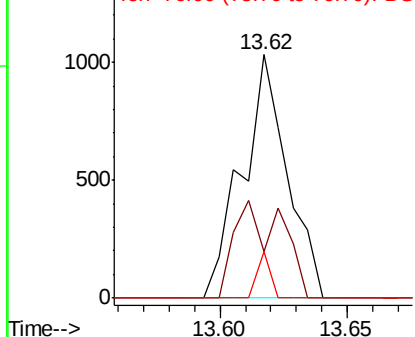


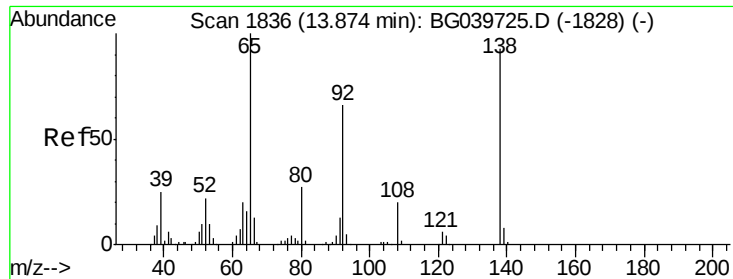
#46
1,1'-Biphenyl
Concen: 0.120 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:154 Resp: 1283
Ion Ratio Lower Upper
154 100
153 19.2 22.1 62.1#
76 19.3 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): BGC





#48

2-Nitroaniline

Concen: 0.248 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.34 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

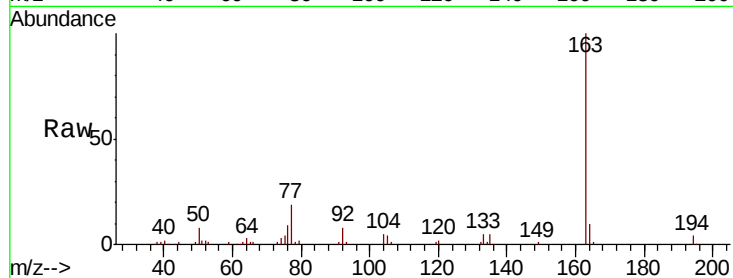
Tgt Ion: 65 Resp: 642

Ion Ratio Lower Upper

65 100

92 722.2 51.4 77.2#

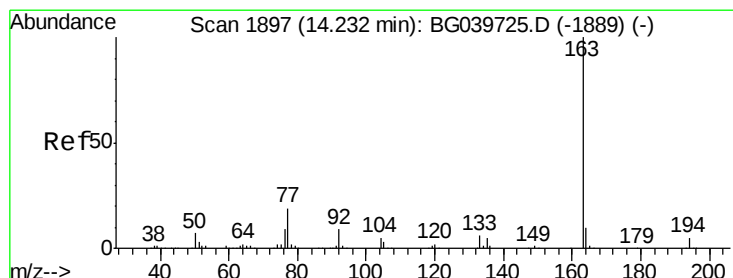
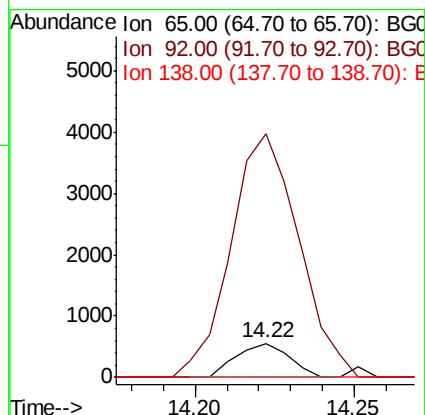
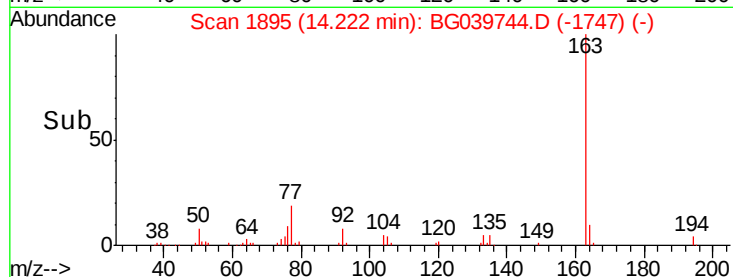
138 0.0 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BG039744.D (-1747) (-)

Ion 92.00 (91.70 to 92.70): BG039744.D (-1747) (-)

Ion 138.00 (137.70 to 138.70): BG039744.D (-1747) (-)



#50

Dimethylphthalate

Concen: 6.165 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

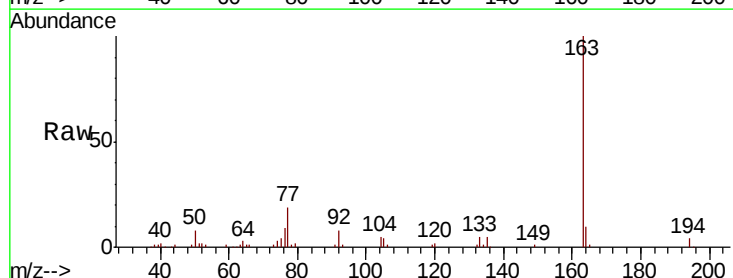
Tgt Ion: 163 Resp: 67220

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

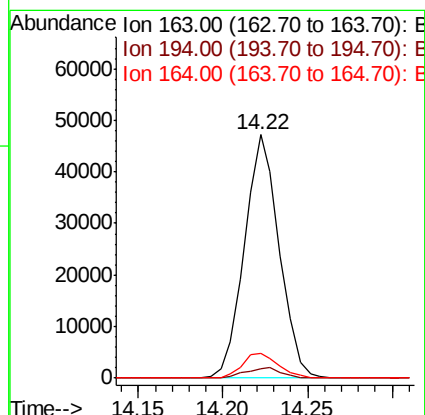
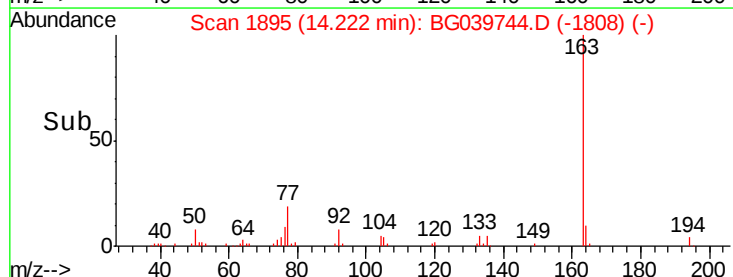
164 10.4 8.4 12.6

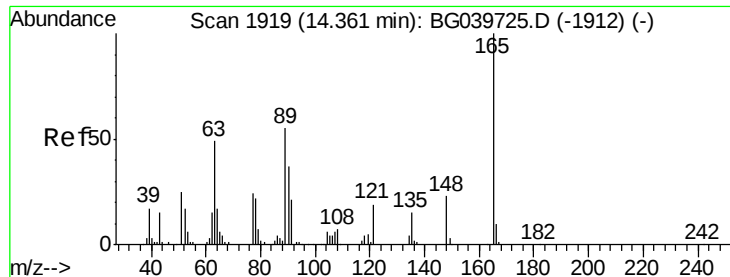


Abundance Ion 163.00 (162.70 to 163.70): BG039744.D (-1808) (-)

Ion 194.00 (193.70 to 194.70): BG039744.D (-1808) (-)

Ion 164.00 (163.70 to 164.70): BG039744.D (-1808) (-)

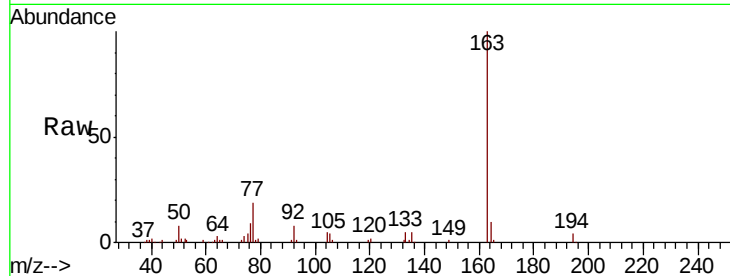




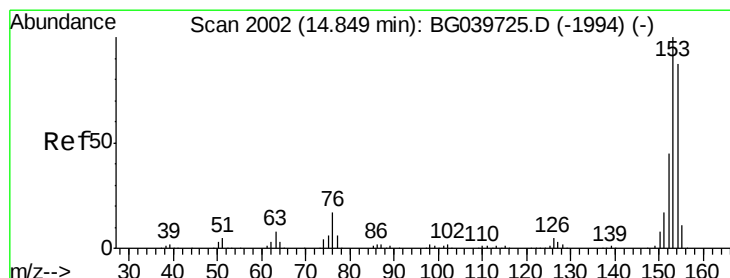
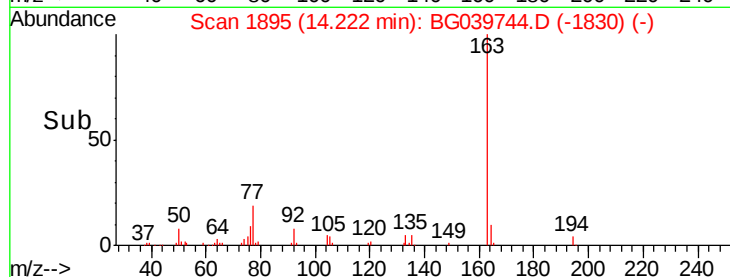
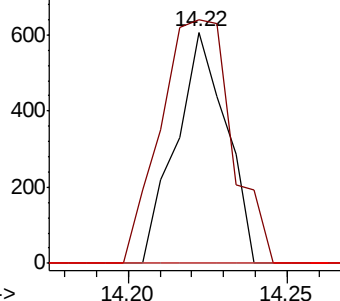
#51
2,6-Dinitrotoluene
Concen: 0.287 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.15 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:165 Resp: 663
Ion Ratio Lower Upper
165 100
63 105.3 47.0 70.6#
89 0.0 45.8 68.8#

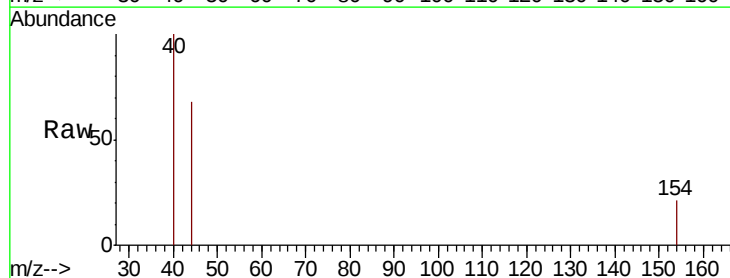


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

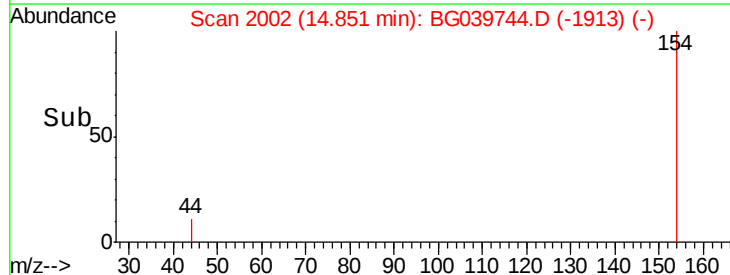
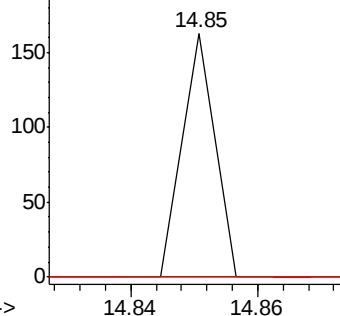


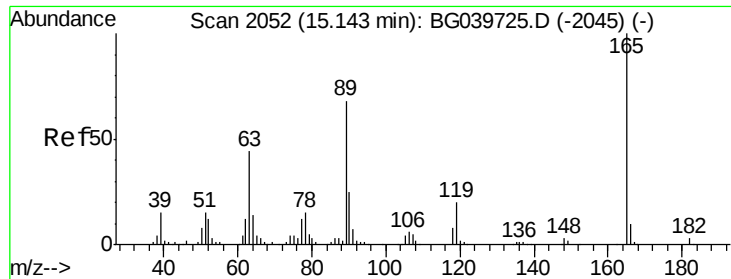
#52
Acenaphthene
Concen: 0.007 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:154 Resp: 57
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

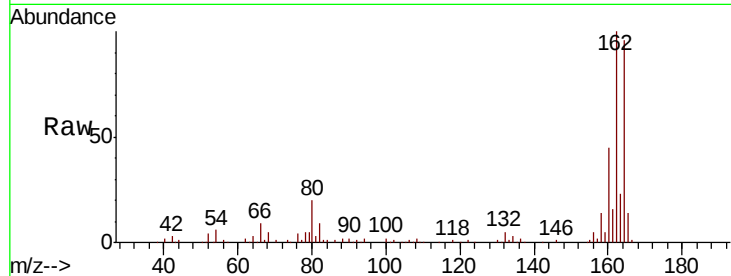




#57
 2,4-Dinitrotoluene
 Concen: 5.448 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039744.D
 Acq: 4 Mar 2019 23:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-11-14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



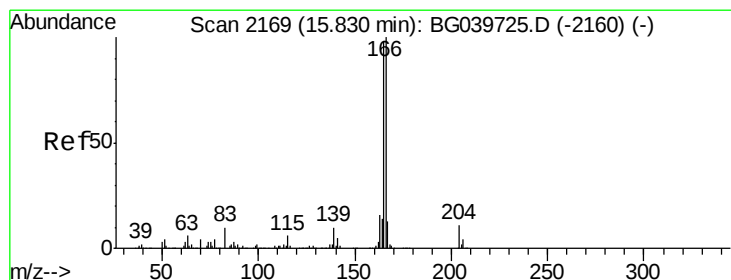
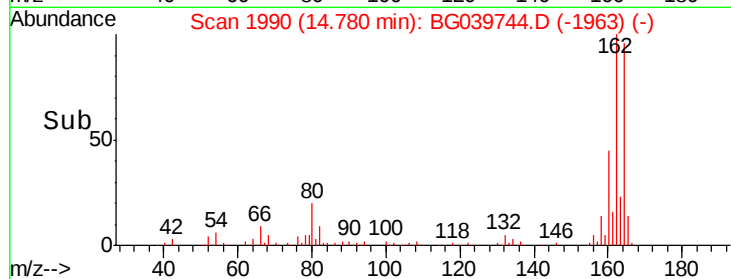
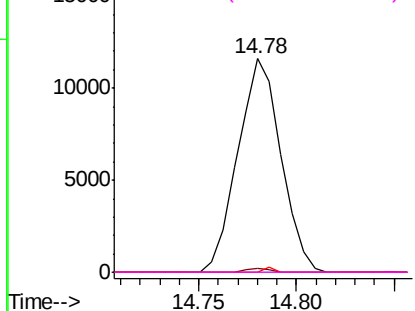
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

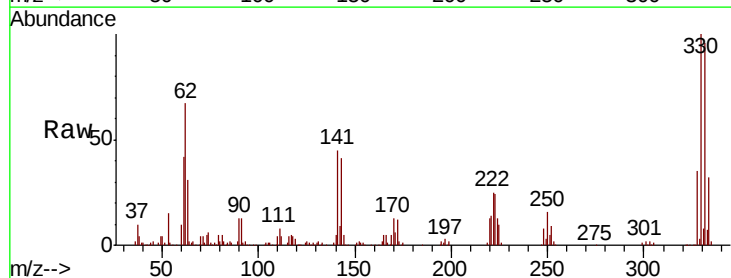
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 1.069 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.43 min
 Lab File: BG039744.D
 Acq: 4 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.3	77.9	116.9
167	32.8	10.8	16.2#

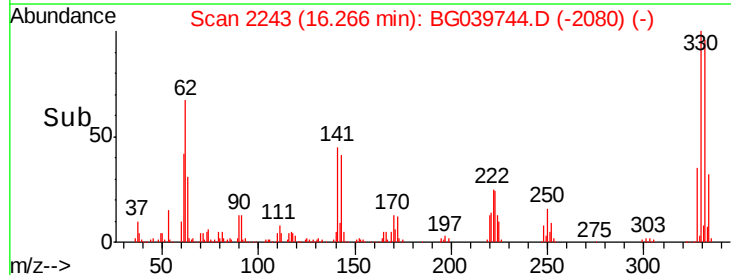
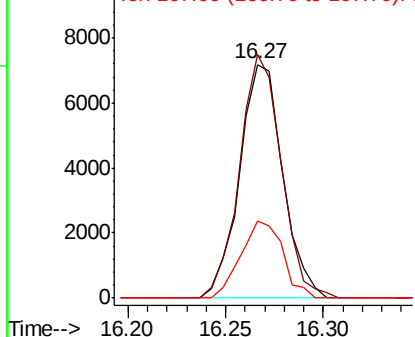


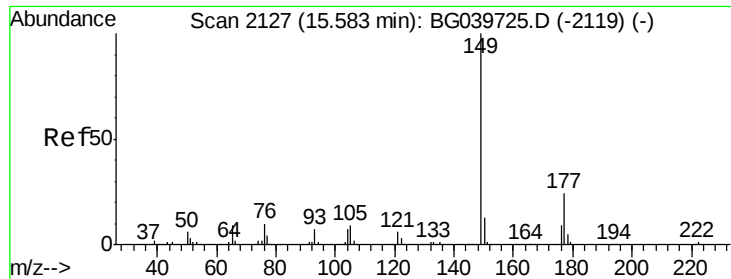
Abundance

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

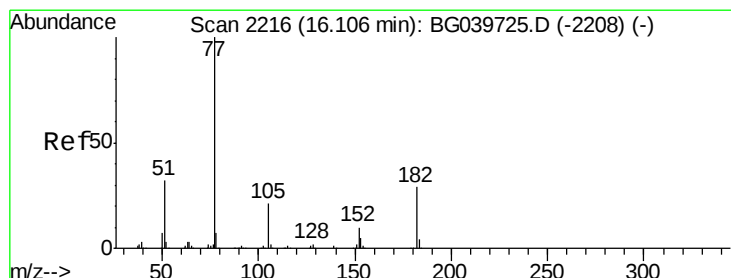
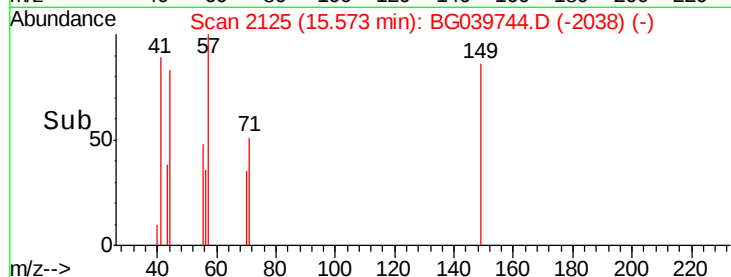
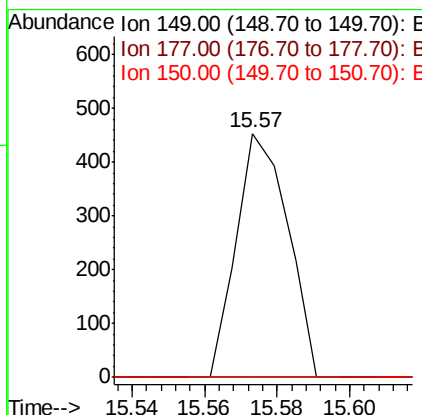
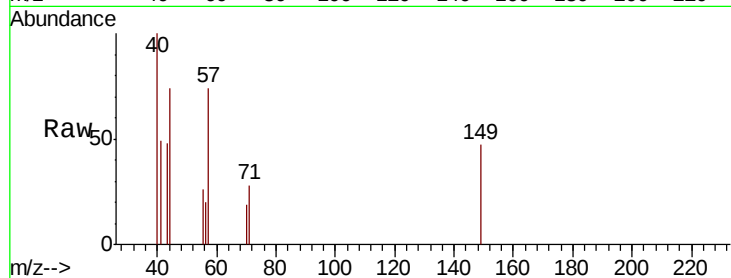




#60
Diethylphthalate
Concen: 0.041 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

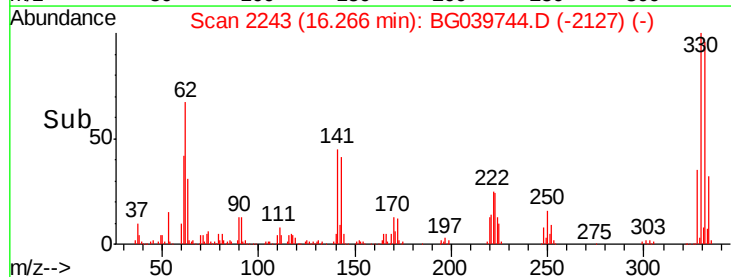
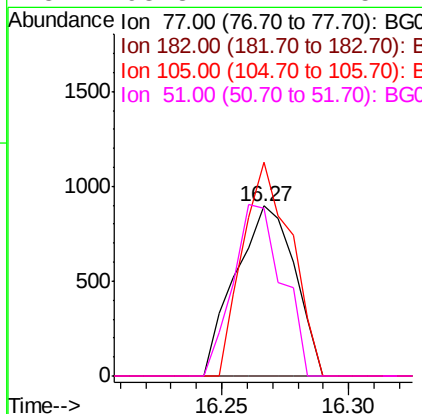
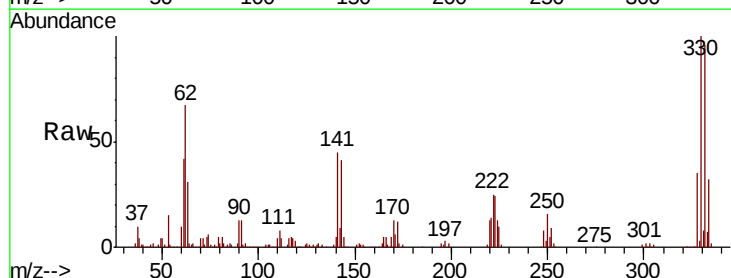
Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

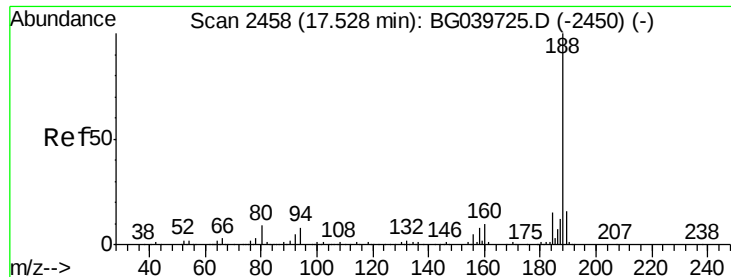
Tgt Ion: 149 Resp: 446
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.150 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.15 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 77 Resp: 1464
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 125.7 0.0 39.8#
51 98.3 14.1 54.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

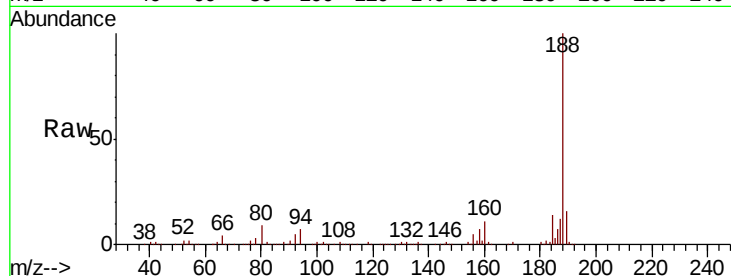
Tgt Ion:188 Resp: 335105

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

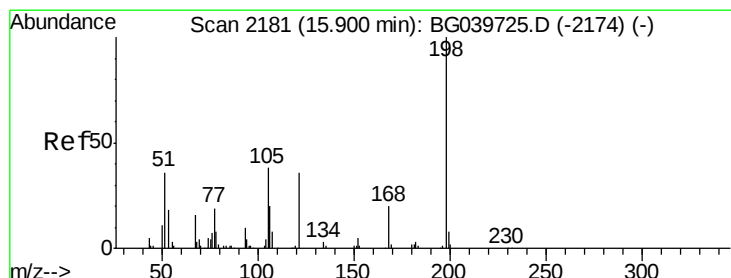
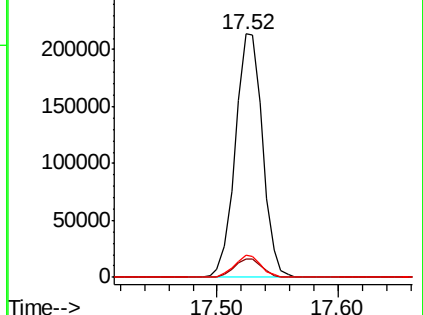
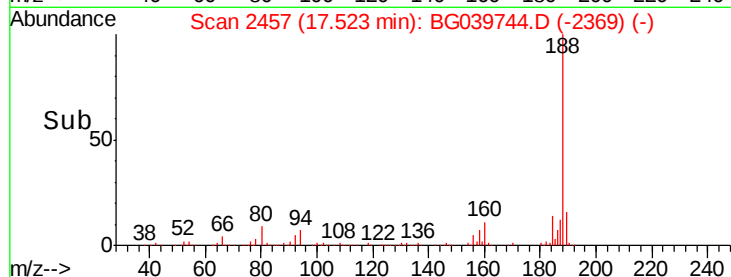
80 9.3 8.1 12.1



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: 0.487 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.35 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

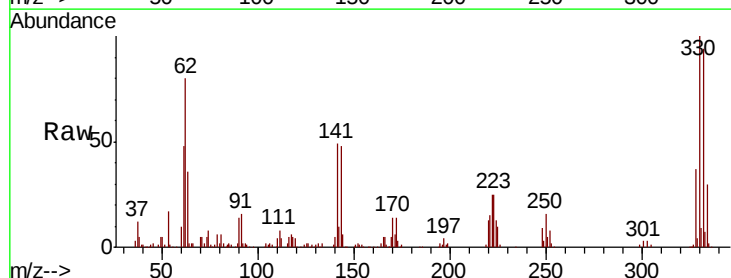
Tgt Ion:198 Resp: 965

Ion Ratio Lower Upper

198 100

51 123.4 27.4 67.4#

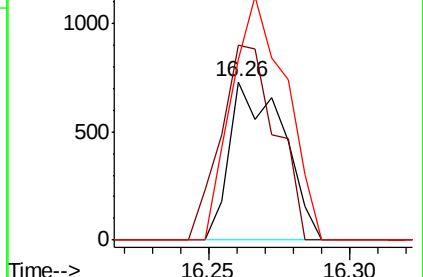
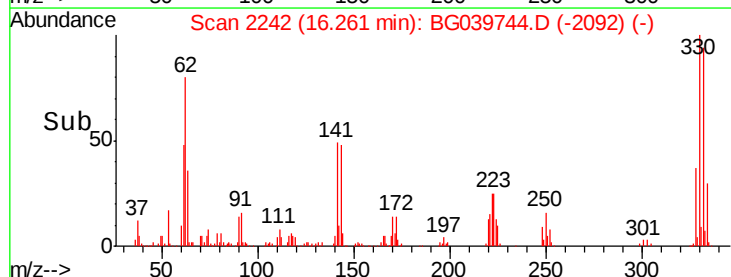
105 114.2 19.7 59.7#

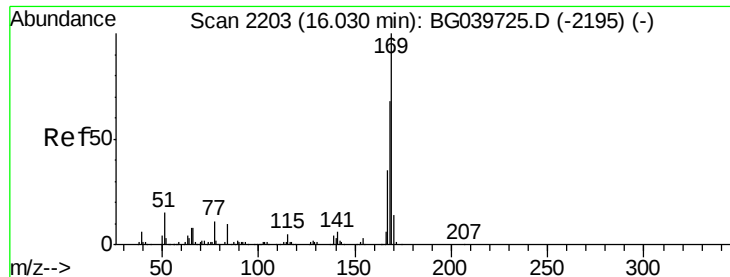


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

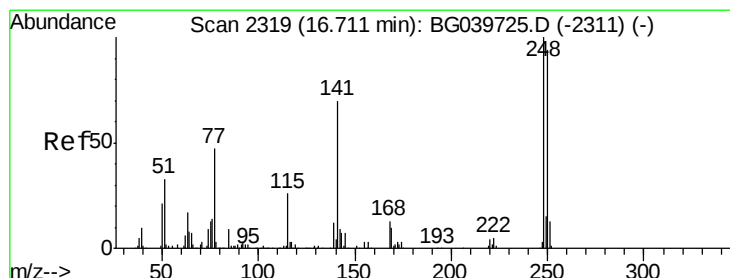
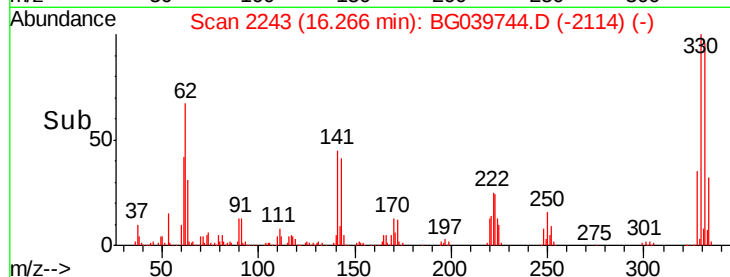
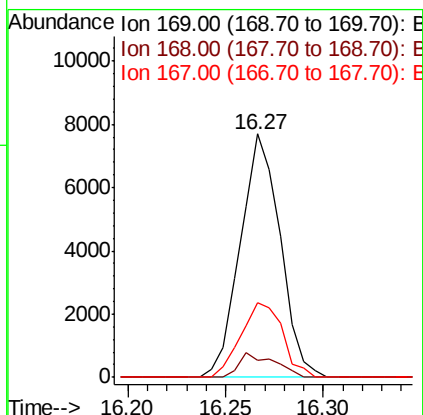
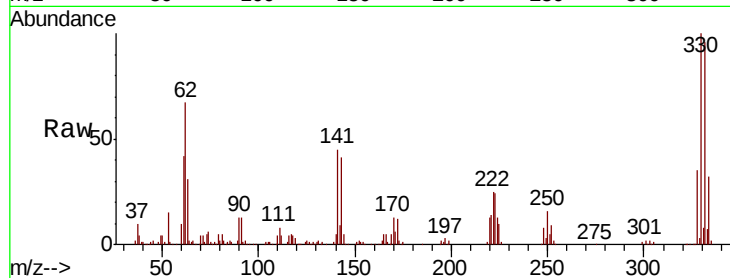




#66
 n-Nitrosodiphenylamine
 Concen: 1.120 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039744.D
 Acq: 4 Mar 2019 23:24

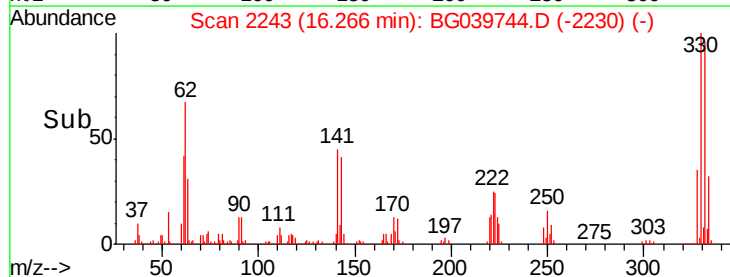
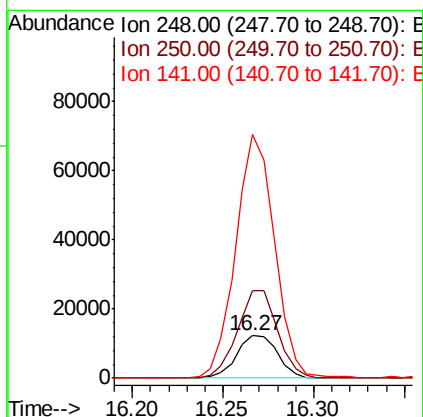
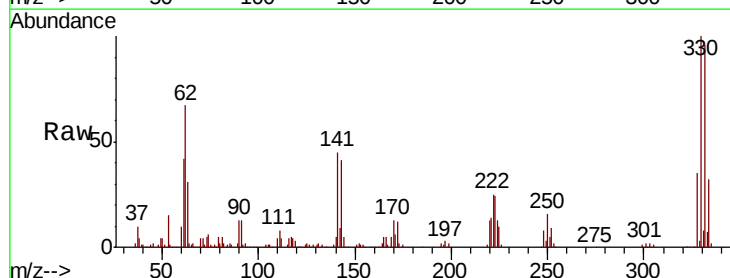
Instrument :
 BNA_G
 ClientSampleId :
 SB-B-11-14

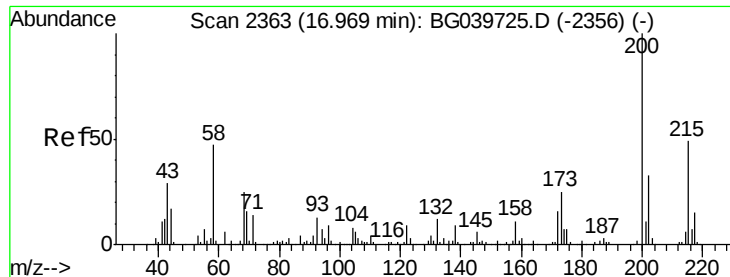
Tgt Ion:169 Resp: 10866
 Ion Ratio Lower Upper
 169 100
 168 7.2 56.6 85.0#
 167 30.6 28.8 43.2



#67
 4-Bromophenyl-phenylether
 Concen: 5.124 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039744.D
 Acq: 4 Mar 2019 23:24

Tgt Ion:248 Resp: 19221
 Ion Ratio Lower Upper
 248 100
 250 206.9 77.6 116.4#
 141 572.5 63.9 95.9#





#69

Atrazine

Concen: 0.015 ng

RT: 17.41 min Scan# 2437

Delta R.T. 0.44 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

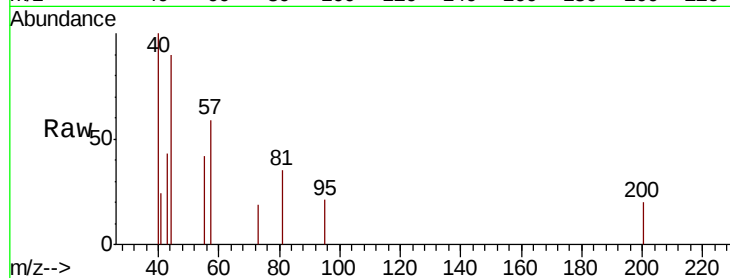
Tgt Ion:200 Resp: 57

Ion Ratio Lower Upper

200 100

173 0.0 3.9 43.9#

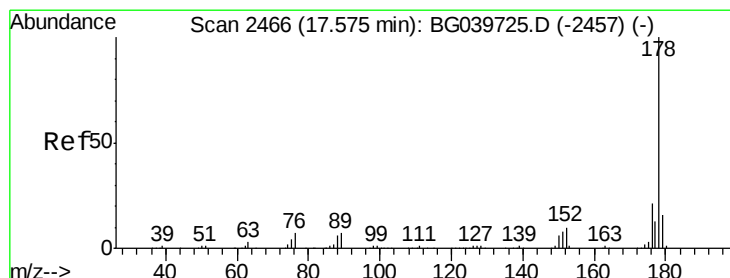
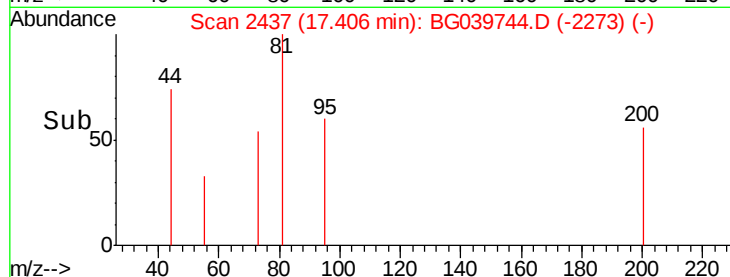
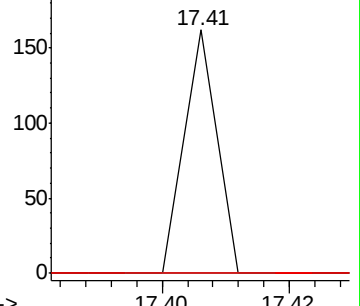
215 0.0 30.9 70.9#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71

Phenanthrene

Concen: 0.014 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

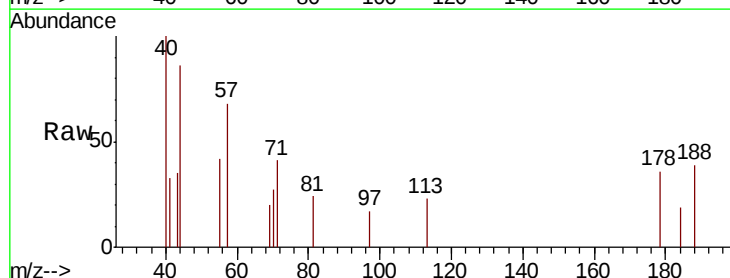
Tgt Ion:178 Resp: 256

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

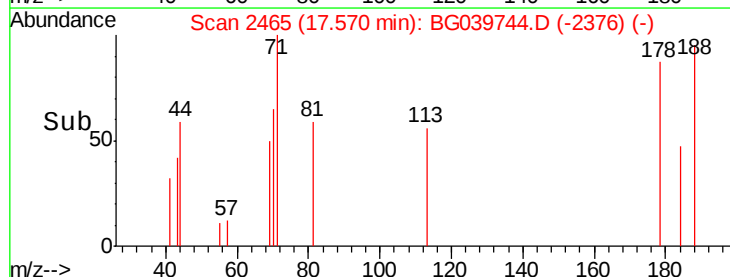
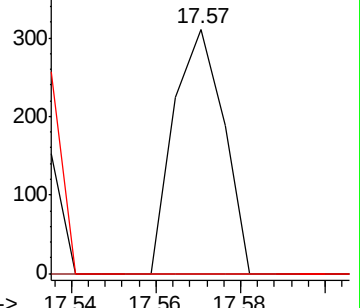
179 0.0 12.6 19.0#

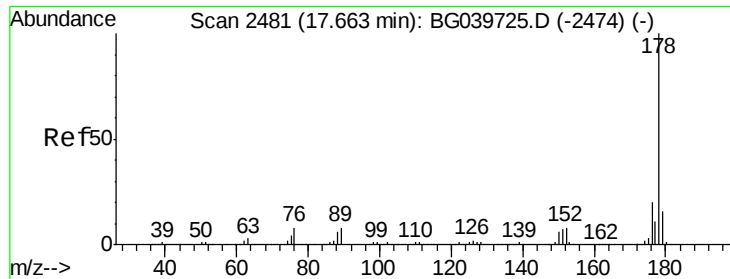


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.014 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.10 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

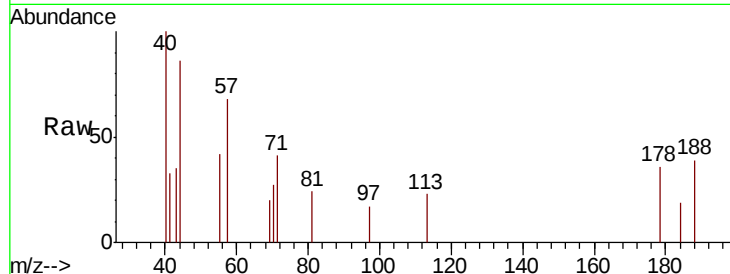
Tgt Ion:178 Resp: 256

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

179 0.0 12.5 18.7#



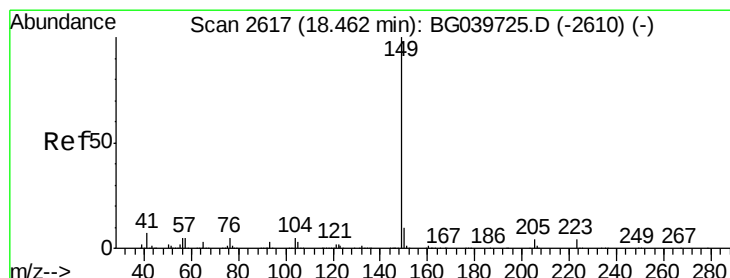
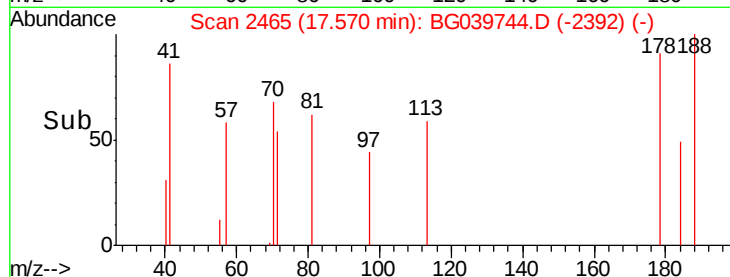
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.57

Time-->



#74

Di-n-butylphthalate

Concen: 0.097 ng

RT: 18.46 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

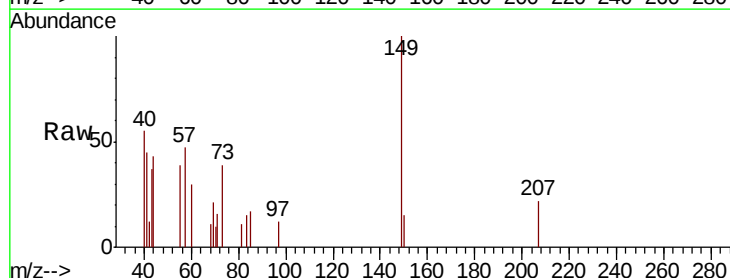
Tgt Ion:149 Resp: 1847

Ion Ratio Lower Upper

149 100

150 14.6 7.7 11.5#

104 0.0 4.5 6.7#



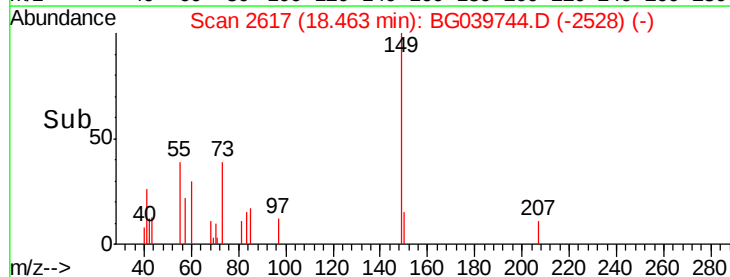
Abundance Ion 149.00 (148.70 to 149.70): E

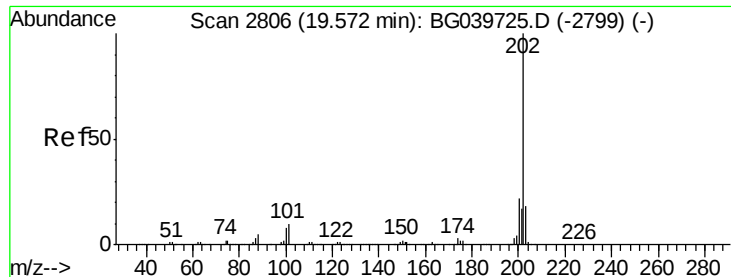
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.46

Time-->





#75

Fluoranthene

Concen: 0.004 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

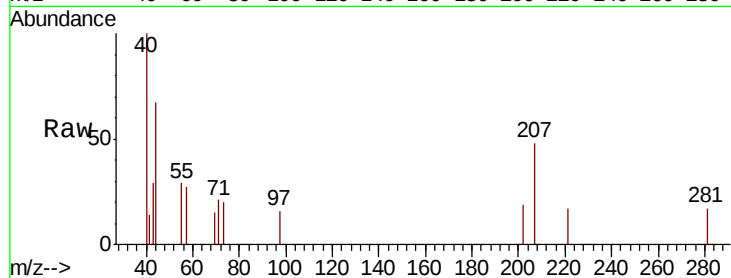
Tgt Ion:202 Resp: 79

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

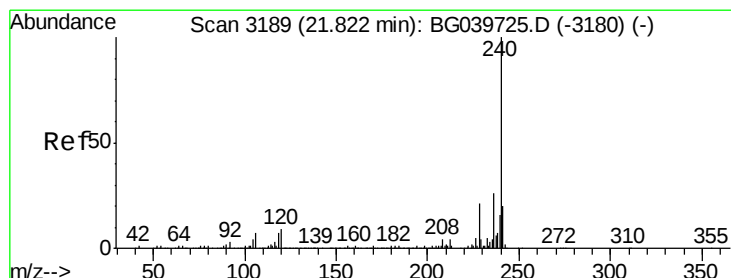
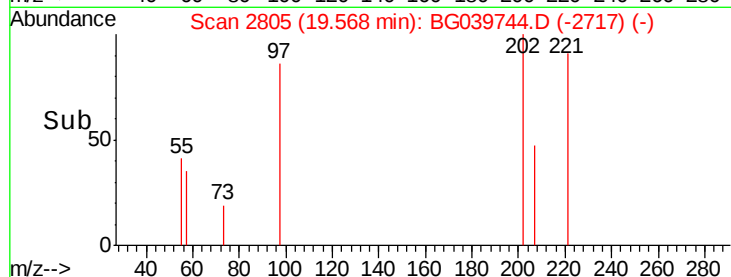
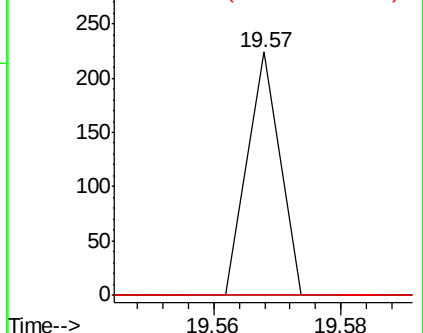
203 0.0 0.0 38.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

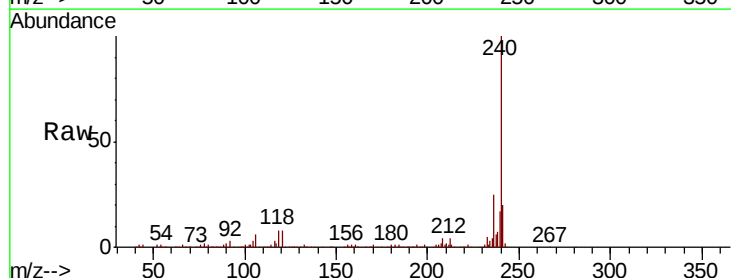
Tgt Ion:240 Resp: 344740

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

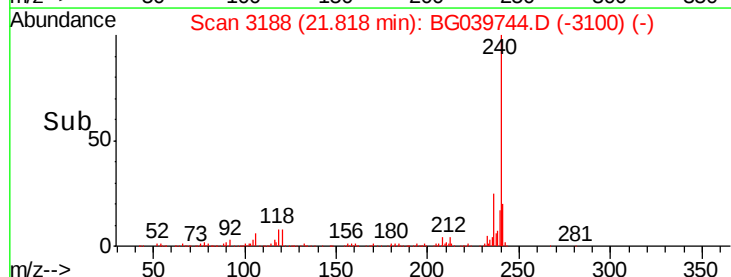
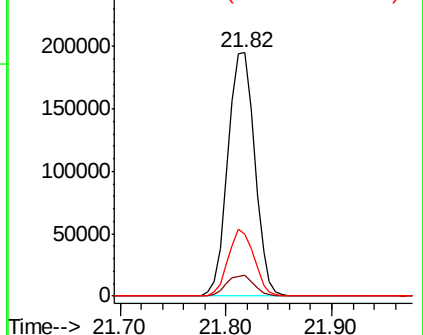
236 25.2 21.0 31.4

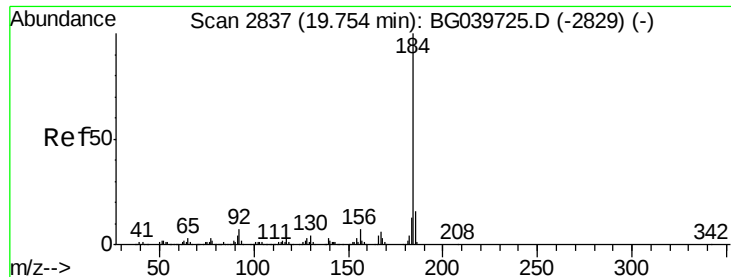


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.046 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.37 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

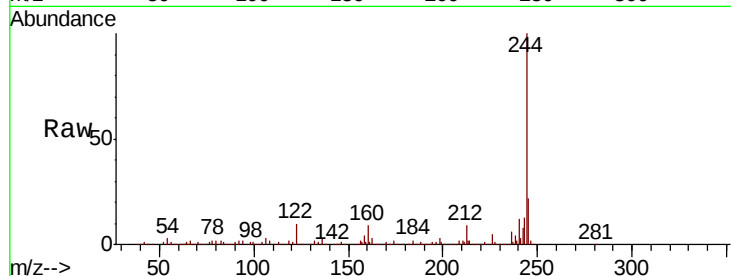
Tgt Ion:184 Resp: 22384

Ion Ratio Lower Upper

184 100

185 19.2 12.2 18.2#

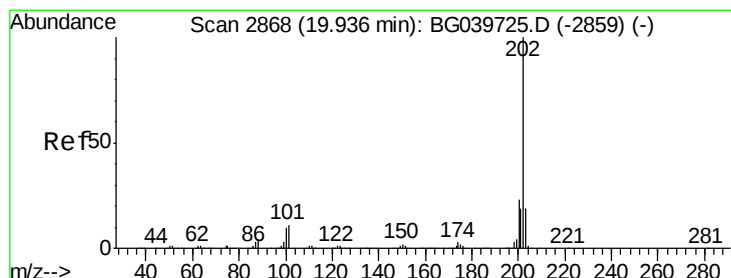
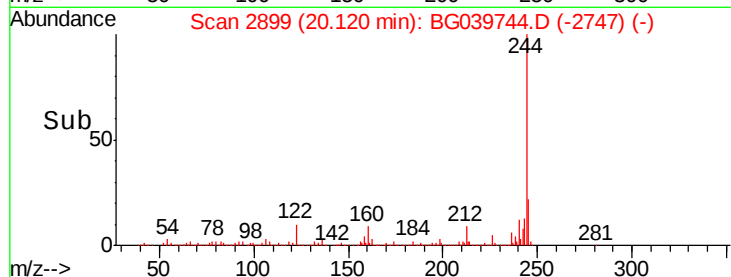
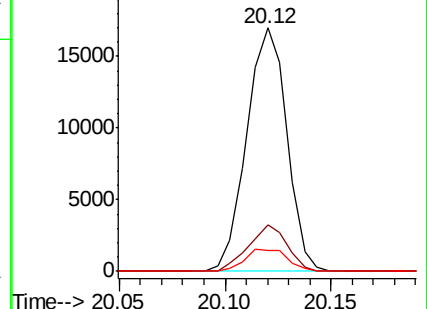
183 8.4 10.6 15.8#



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: 0.237 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.18 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

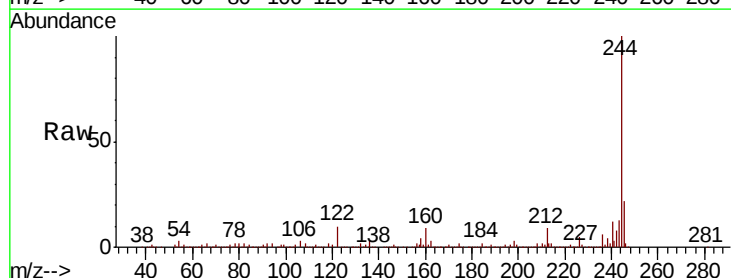
Tgt Ion:202 Resp: 5311

Ion Ratio Lower Upper

202 100

200 56.3 17.8 26.8#

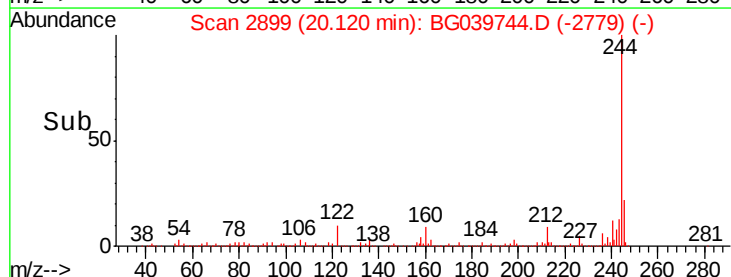
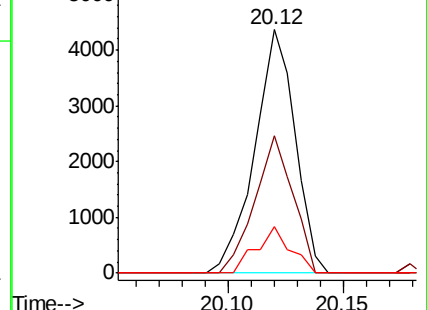
203 18.9 15.3 22.9

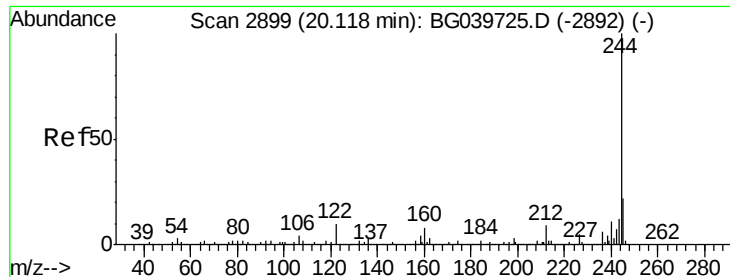


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.881 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampled :

SB-B-11-14

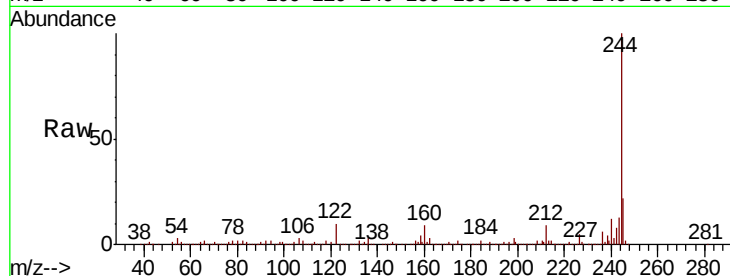
Tgt Ion:244 Resp: 1313336

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

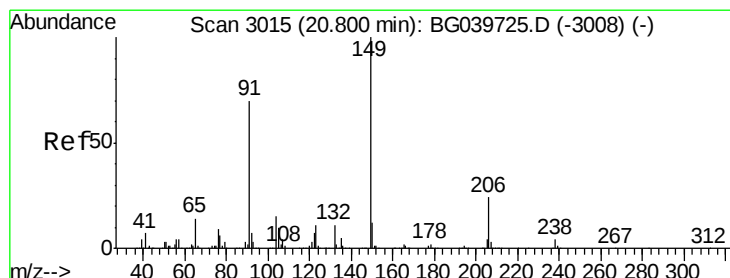
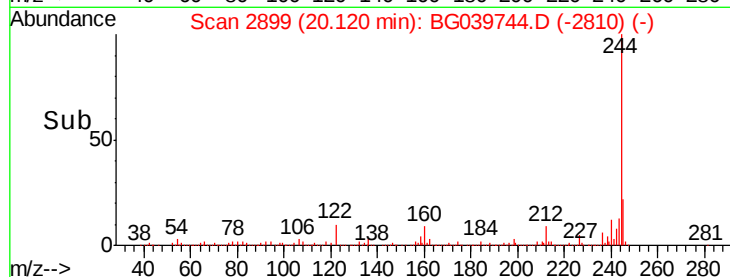
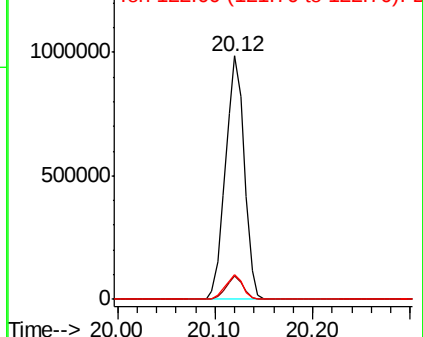
122 10.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.007 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.00 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

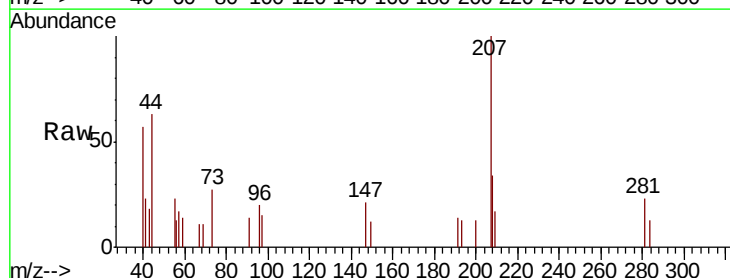
Tgt Ion:149 Resp: 58

Ion Ratio Lower Upper

149 100

91 118.3 59.5 89.3#

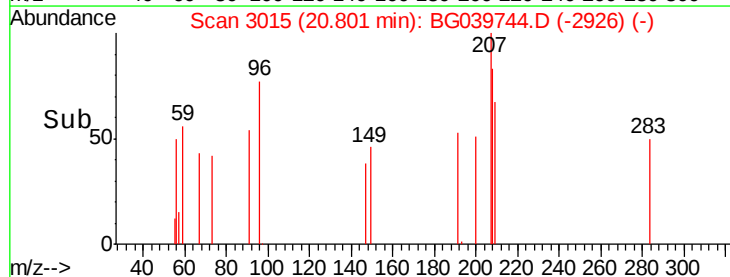
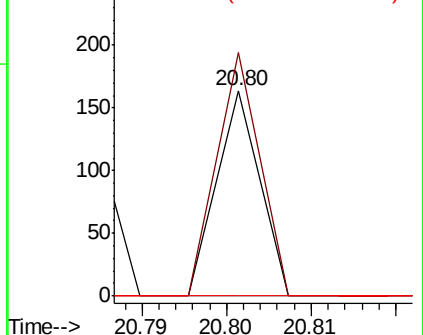
206 0.0 18.6 27.8#

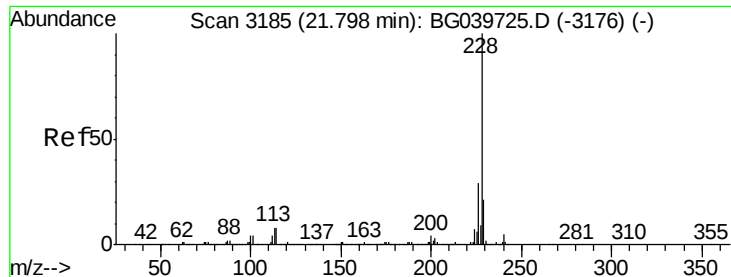


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.053 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

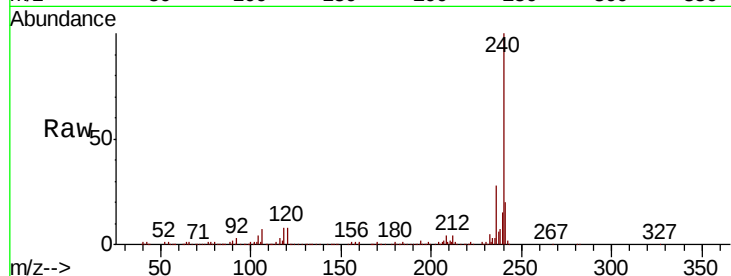
Tgt Ion:228 Resp: 1142

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

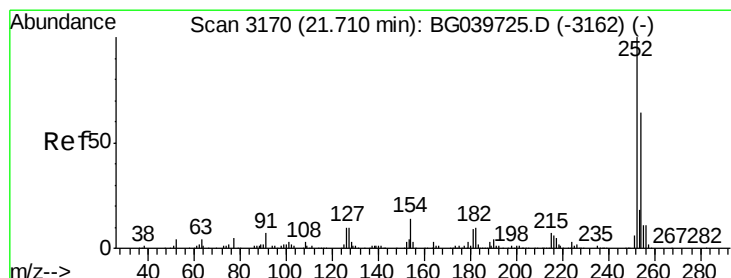
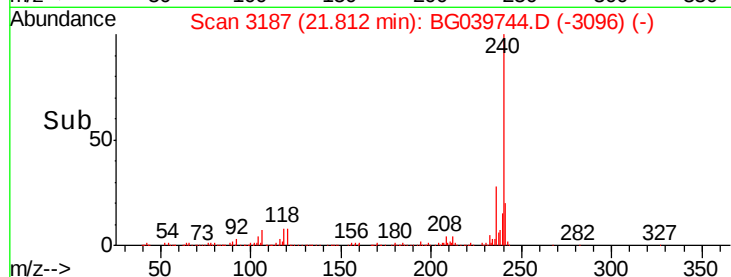
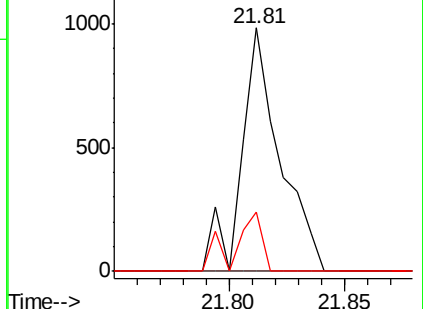
229 24.4 16.9 25.3



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: 0.007 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.12 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

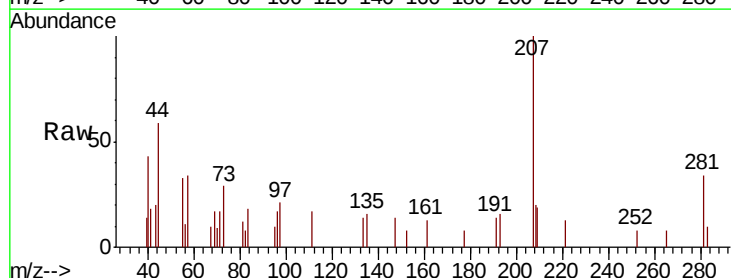
Tgt Ion:252 Resp: 56

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

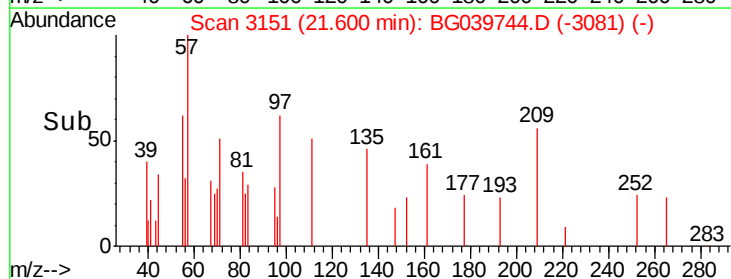
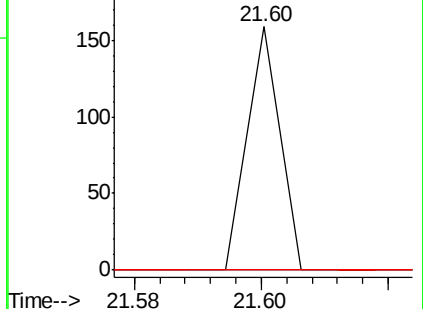
126 0.0 8.0 12.0#

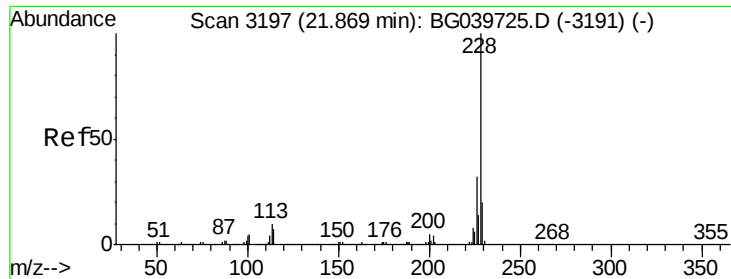


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.055 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.06 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

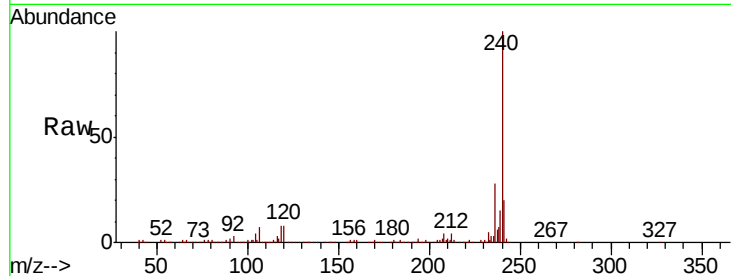
Tgt Ion:228 Resp: 1142

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

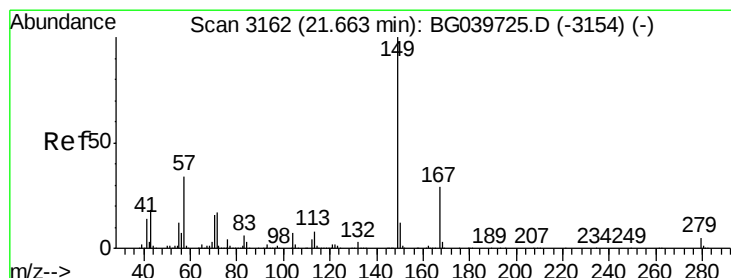
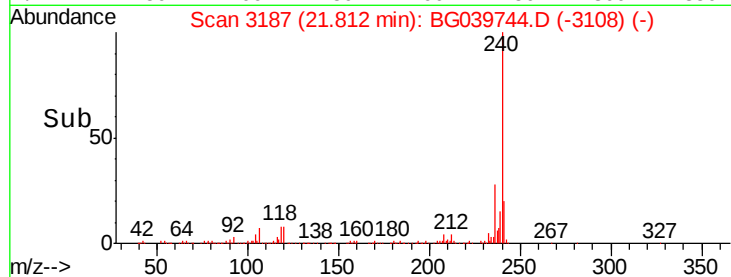
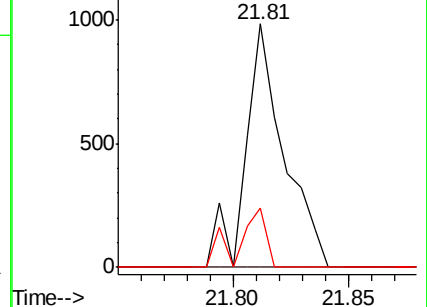
229 24.4 16.6 25.0



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: 0.148 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

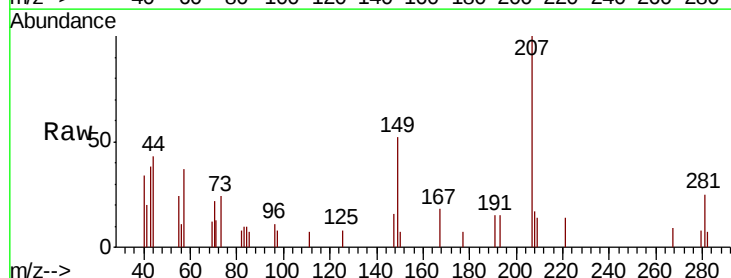
Tgt Ion:149 Resp: 1801

Ion Ratio Lower Upper

149 100

167 35.1 22.6 34.0#

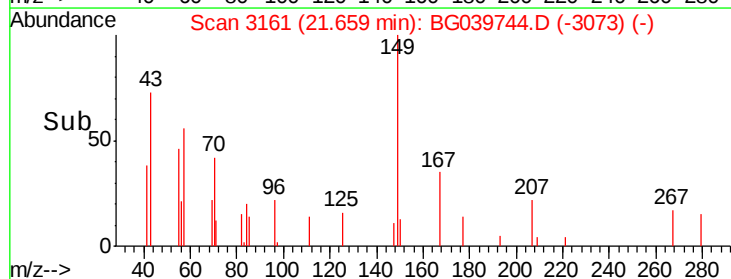
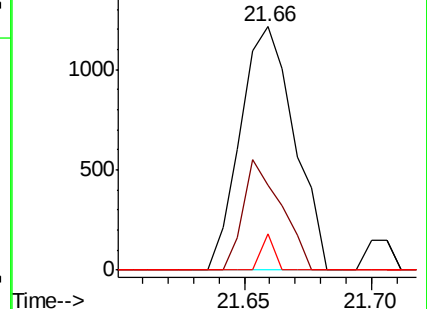
279 14.9 3.5 5.3#

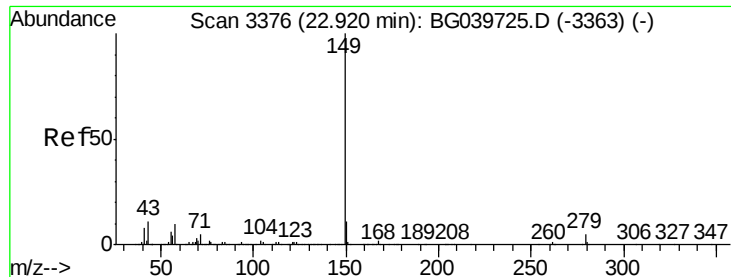


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

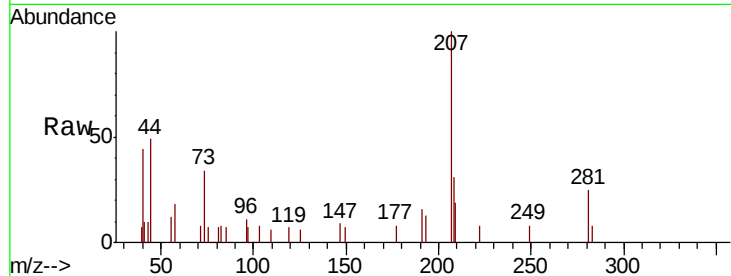




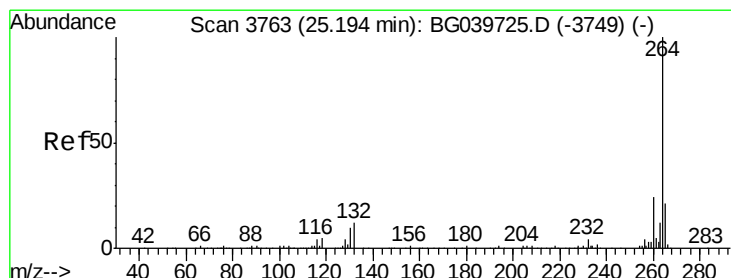
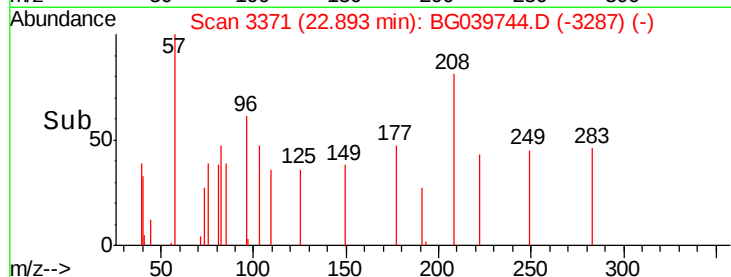
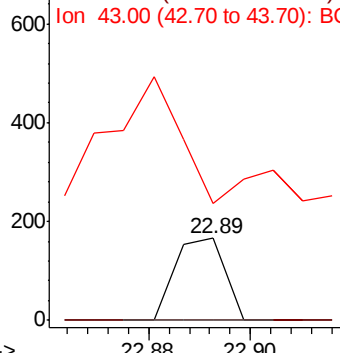
#85
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:149 Resp: 112
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 10.2 15.4#

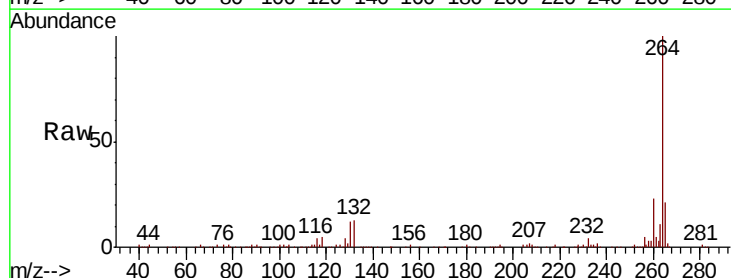


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

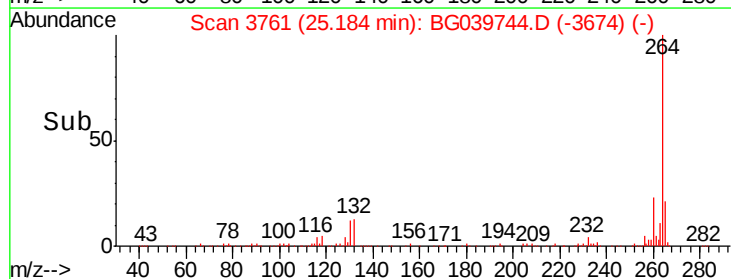
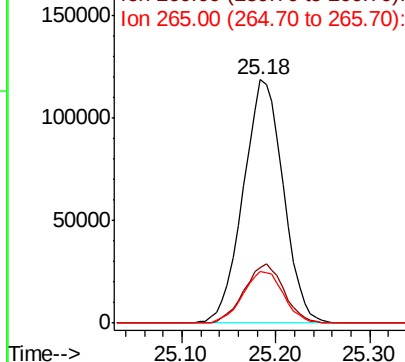


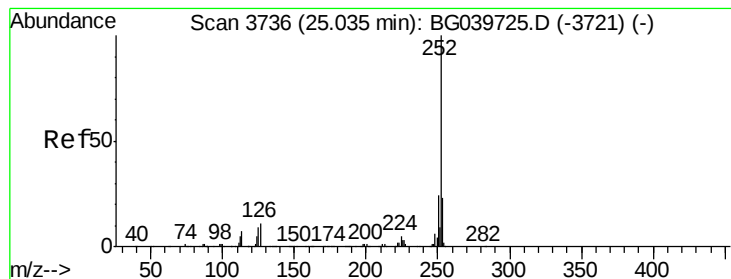
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:264 Resp: 349348
Ion Ratio Lower Upper
264 100
260 22.7 18.2 27.4
265 21.3 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





#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 25.14 min Scan# 3754

Delta R.T. 0.10 min

Lab File: BG039744.D

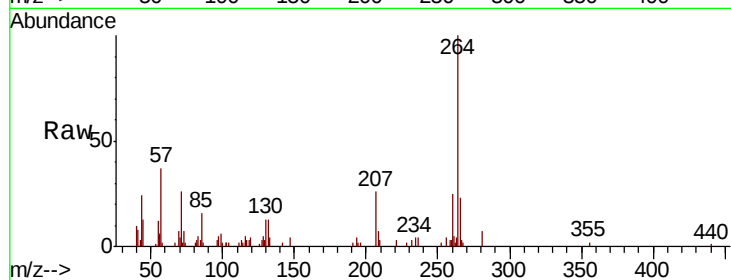
Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14



Tgt Ion:	252	Resp:	62
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	87.0	8.3	12.5#

