

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039741.D
 Acq On : 4 Mar 2019 21:27
 Operator : JU/SJ
 Sample : K1714-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 05 06:26:38 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	44207	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	188635	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	129021	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	333348	20.00	ng	0.00
76) Chrysene-d12	21.81	240	353573	20.00	ng	-0.02
87) Perylene-d12	25.18	264	356917	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	380070	146.67	ng	-0.01
7) Phenol-d6	7.30	99	557481	144.29	ng	-0.01
23) Nitrobenzene-d5	9.33	82	328595	94.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	224115	149.03	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	751990	82.99	ng	-0.01
79) Terphenyl-d14	20.12	244	1193671	74.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	64	0.053	ng	# 10
4) n-Nitrosodimethylamine	3.91	42	140	0.092	ng	# 1
6) Aniline	7.34	93	55	0.011	ng	# 1
8) 2-Chlorophenol	7.72	128	55	0.017	ng	# 29
9) Benzaldehyde	7.31	77	1137	0.456	ng	# 4
10) Phenol	7.33	94	13803	3.298	ng	# 85
11) bis(2-Chloroethyl)ether	7.70	93	580	0.178	ng	# 1
15) Benzyl Alcohol	8.48	79	5256	1.715	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	8.26	45	53	0.008	ng	# 75
19) n-Nitroso-di-n-propylamine	9.33	70	42908	15.429	ng	# 70
24) Nitrobenzene	9.33	77	1046	0.286	ng	# 29
30) 1,2,4-Trichlorobenzene	10.55	180	62	0.018	ng	# 12
46) 1,1'-Biphenyl	13.62	154	1015	0.096	ng	# 89
48) 2-Nitroaniline	14.22	65	300	0.117	ng	# 1
50) Dimethylphthalate	14.22	163	53772	4.984	ng	# 97
51) 2,6-Dinitrotoluene	14.23	165	522	0.228	ng	# 25
52) Acenaphthene	14.77	154	493	0.063	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	17175	5.344	ng	# 18
58) Fluorene	16.27	166	9806	0.964	ng	# 81
60) Diethylphthalate	15.58	149	592	0.055	ng	# 52
62) 4-Nitroaniline	16.26	138	69	0.028	ng	# 1
63) Azobenzene	16.27	77	1505	0.155	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.27	198	900	0.457	ng	# 1
66) n-Nitrosodiphenylamine	16.27	169	9578	0.992	ng	# 46
67) 4-Bromophenyl-phenylether	16.27	248	17594	4.715	ng	# 1
71) Phenanthrene	17.56	178	584	0.032	ng	# 59
72) Anthracene	17.56	178	584	0.033	ng	# 60
74) Di-n-butylphthalate	18.46	149	1326	0.070	ng	# 77
75) Fluoranthene	19.56	202	127	0.006	ng	# 63
77) Benzidine	20.12	184	21454	1.912	ng	# 92
78) Pyrene	20.12	202	5054	0.220	ng	# 66
80) Butylbenzylphthalate	20.80	149	59	0.007	ng	# 22
81) Benzo(a)anthracene	21.81	228	1061	0.048	ng	# 59
82) 3,3'-Dichlorobenzidine	21.40	252	60	0.007	ng	# 1

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QLast Update : Mon Mar 04 14:38:15 2019
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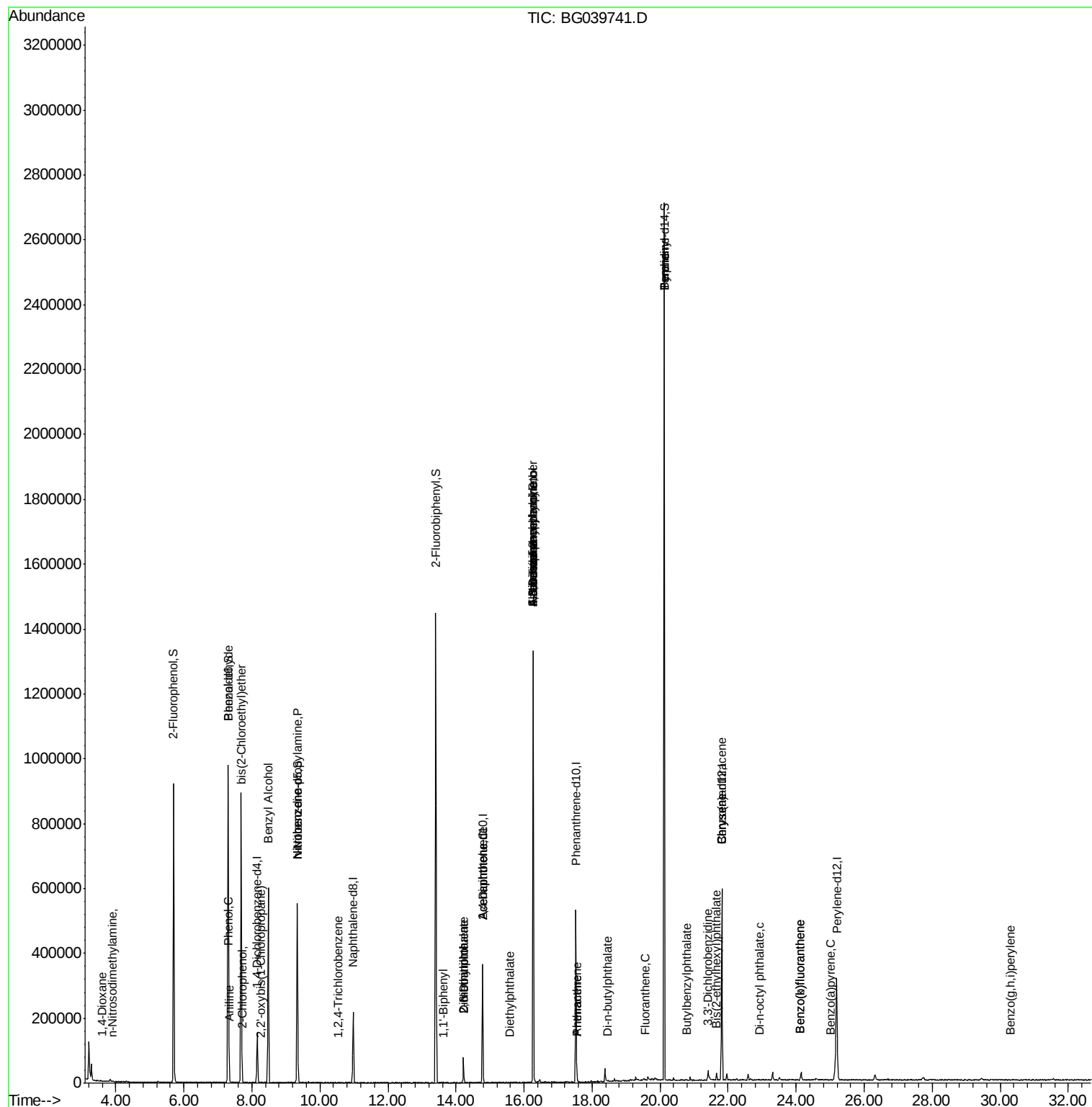
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.81	228	1061	0.049	ng	# 56
84) Bis(2-ethylhexyl)phthalate	21.66	149	8284	0.662	ng	99
85) Di-n-octyl phthalate	22.93	149	156	0.008	ng	# 1
88) Benzo(b)fluoranthene	24.11	252	70	0.003	ng	# 60
89) Benzo(k)fluoranthene	24.11	252	70	0.004	ng	# 59
90) Benzo(a)pyrene	25.01	252	56	0.003	ng	# 59
92) Benzo(g,h,i)perylene	30.31	276	53	0.003	ng	# 54

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

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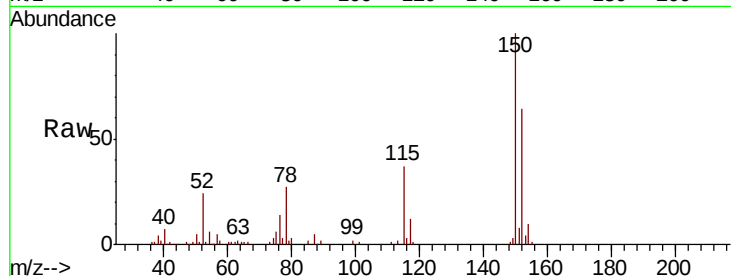


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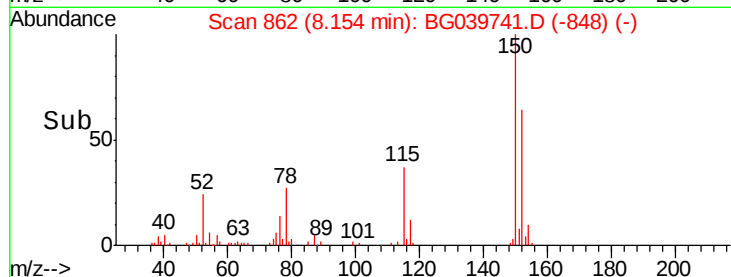
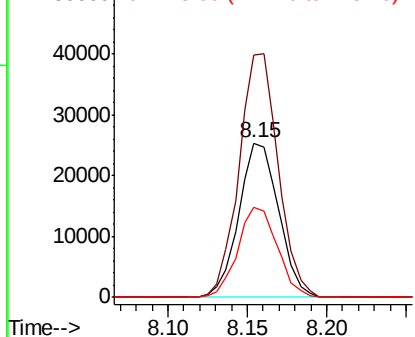
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

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

Tgt Ion:152 Resp: 44207
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 58.0 45.9 68.9



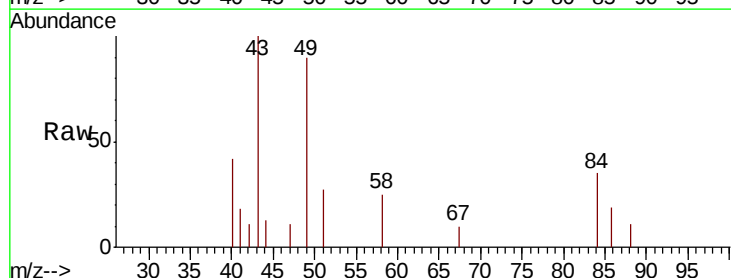
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



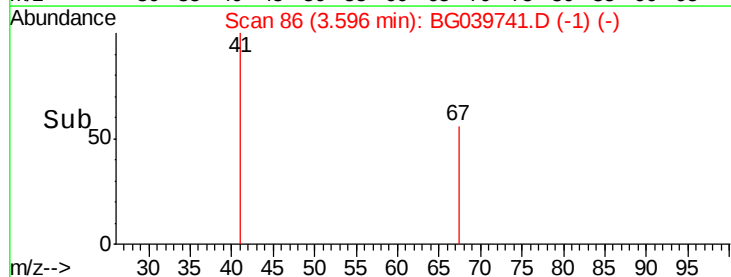
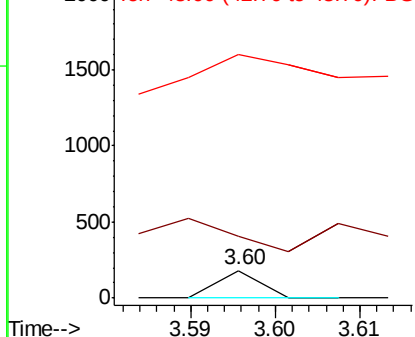
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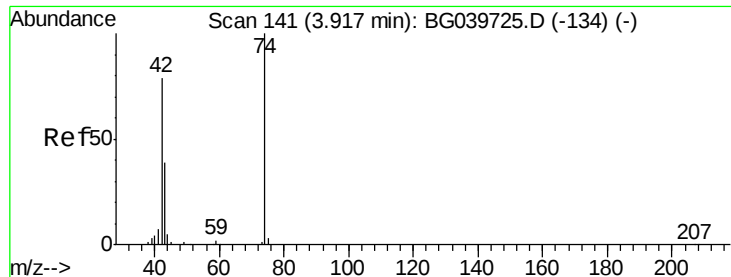
1,4-Dioxane
Concen: 0.053 ng
RT: 3.60 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
58 0.0 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





#4

n-Nitrosodimethylamine

Concen: 0.092 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

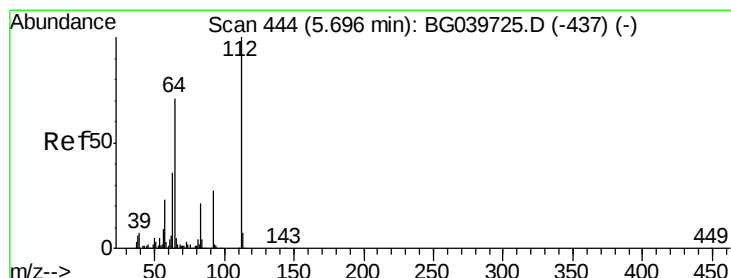
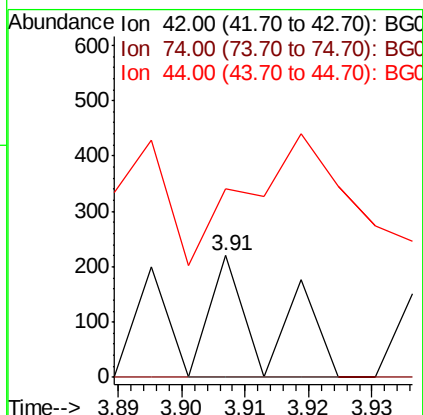
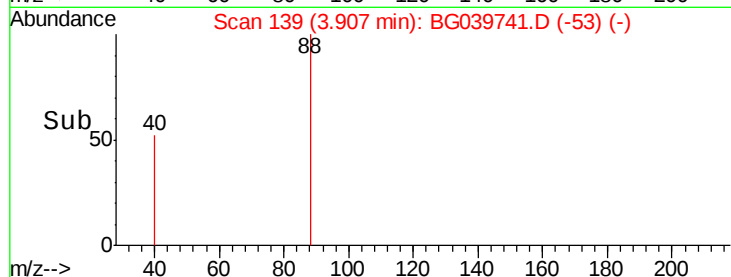
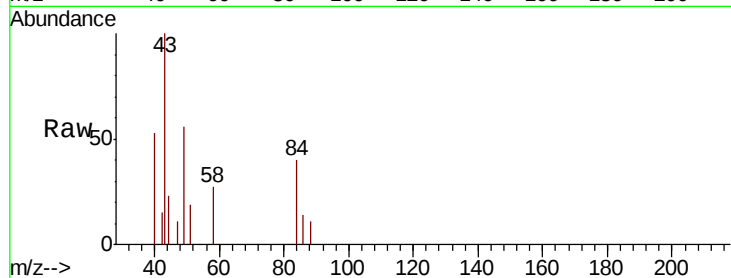
Tgt Ion: 42 Resp: 140

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 155.0 6.9 10.3#



#5

2-Fluorophenol

Concen: 146.674 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

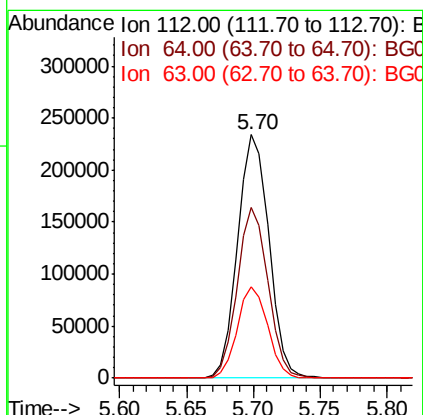
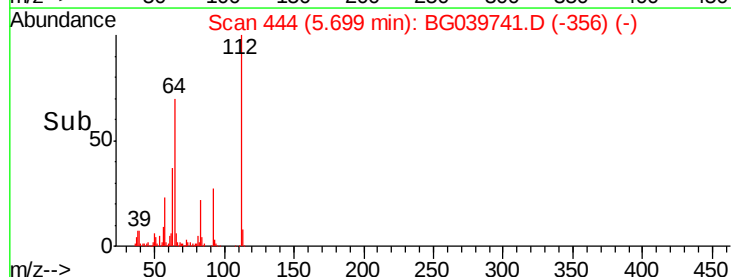
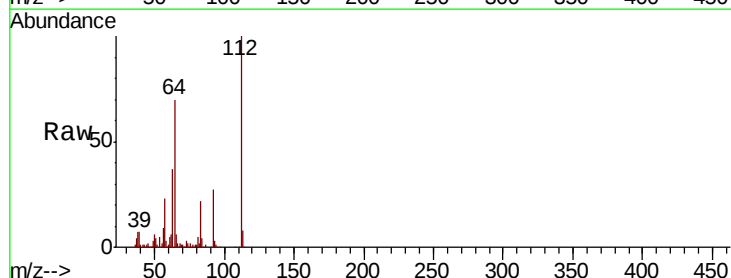
Tgt Ion: 112 Resp: 380070

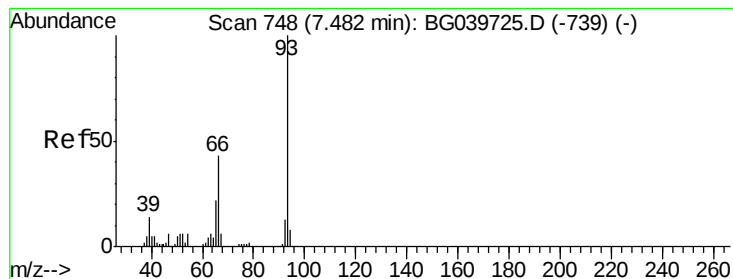
Ion Ratio Lower Upper

112 100

64 70.1 57.8 86.8

63 37.4 29.8 44.6





#6

Aniline

Concen: 0.011 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.16 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampled :

SB-A-11-14

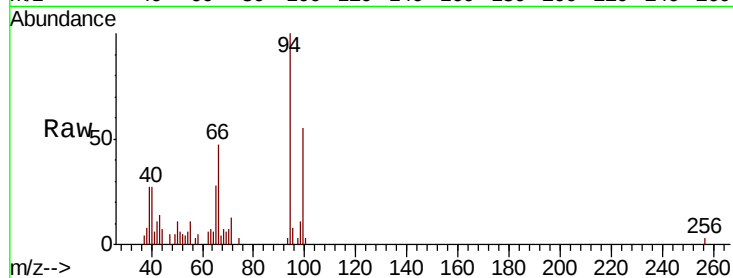
Tgt Ion: 93 Resp: 55

Ion Ratio Lower Upper

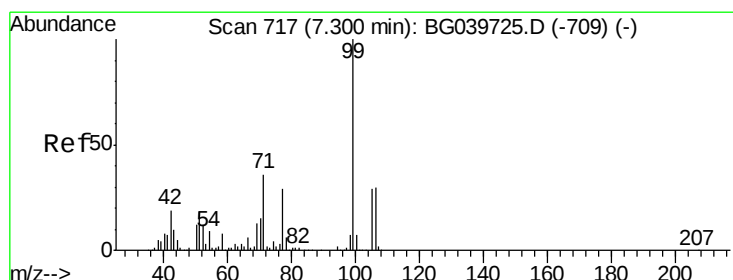
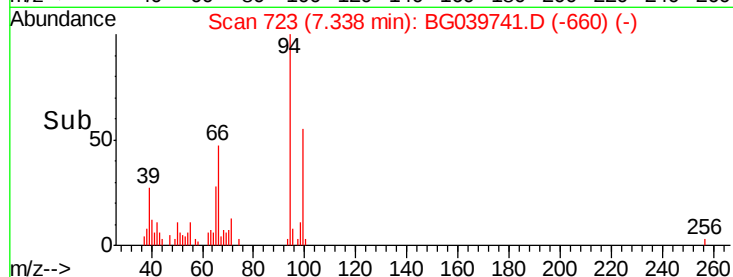
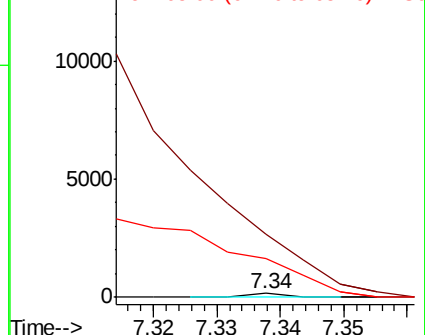
93 100

66 1715.9 34.2 51.4#

65 1033.1 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: 144.287 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

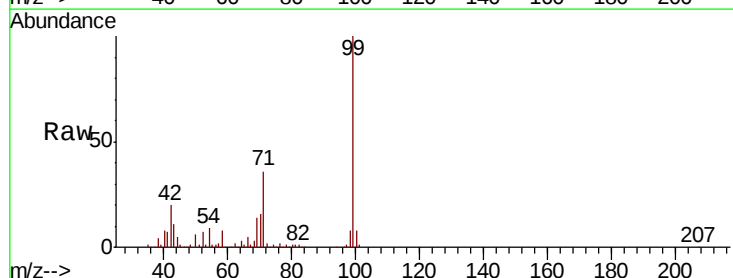
Tgt Ion: 99 Resp: 557481

Ion Ratio Lower Upper

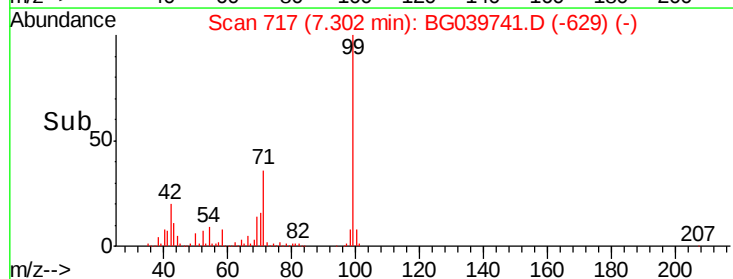
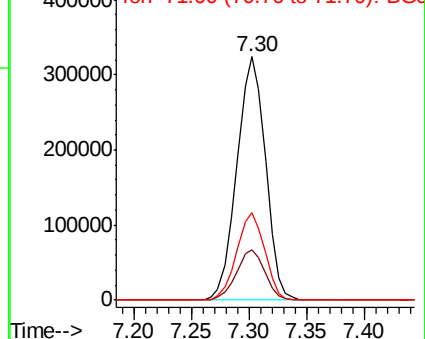
99 100

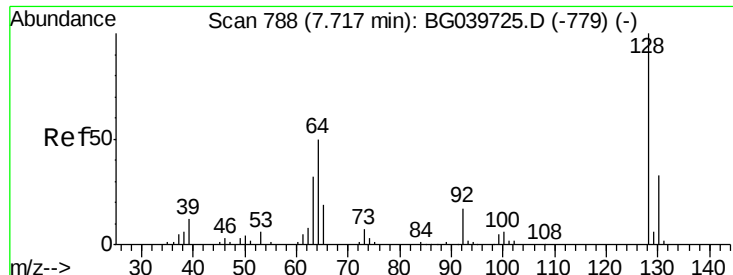
42 20.5 18.2 27.2

71 36.0 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

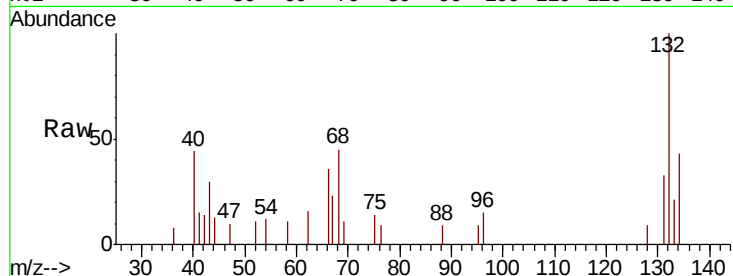




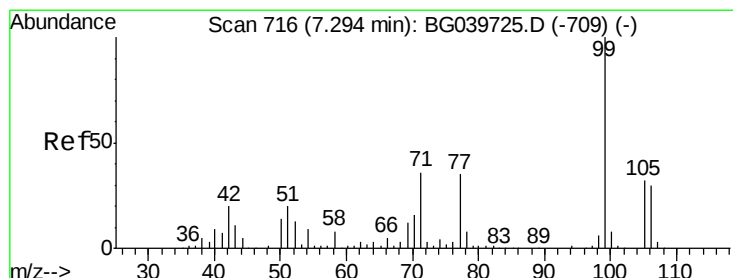
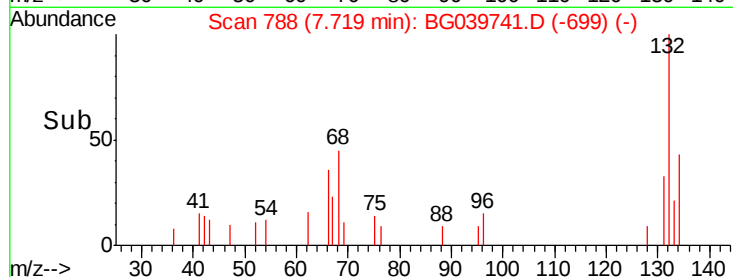
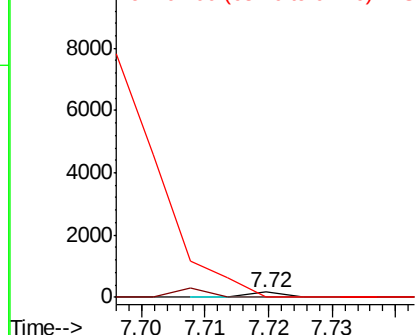
#8
2-Chlorophenol
Concen: 0.017 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

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Tgt Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.9	52.9#
64	0.0	38.7	78.7#

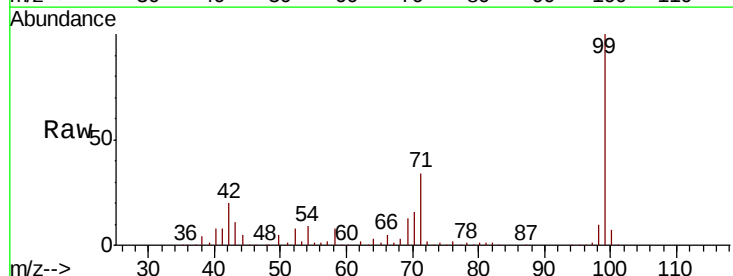


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC

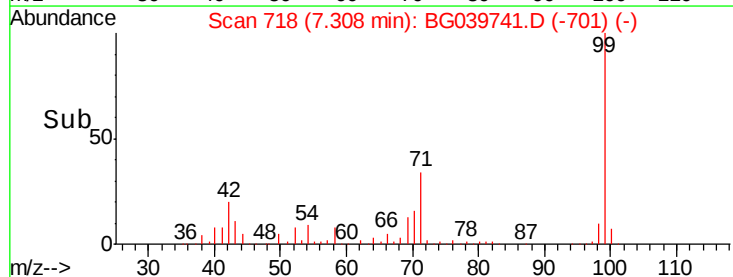
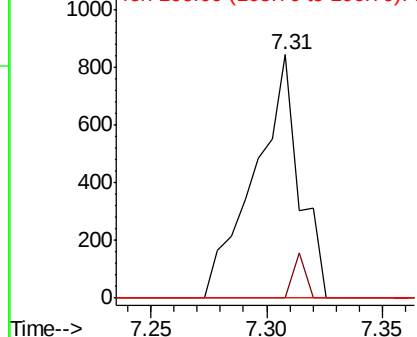


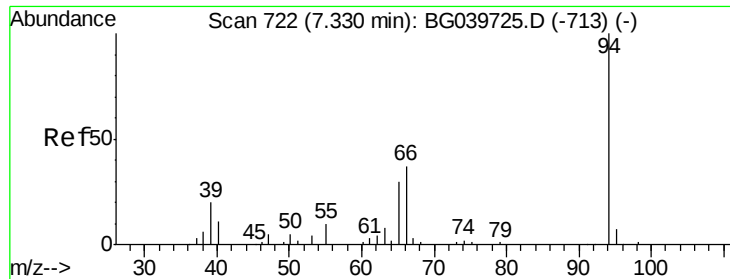
#9
Benzaldehyde
Concen: 0.456 ng
RT: 7.31 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

Tgt 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): BGC
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

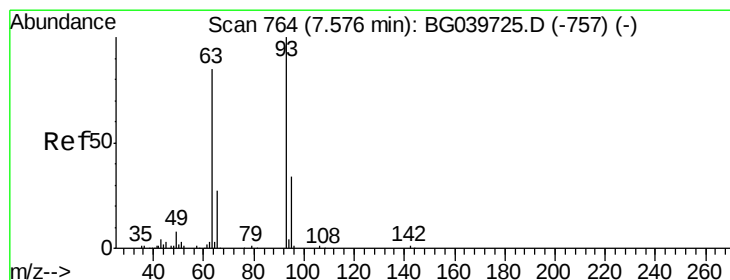
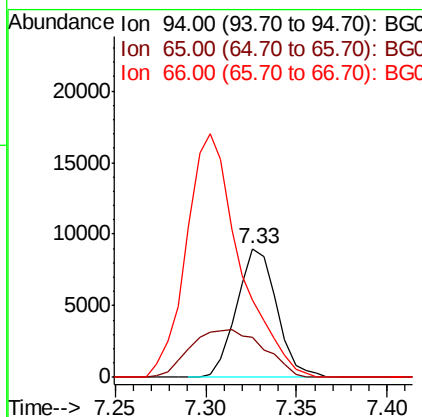
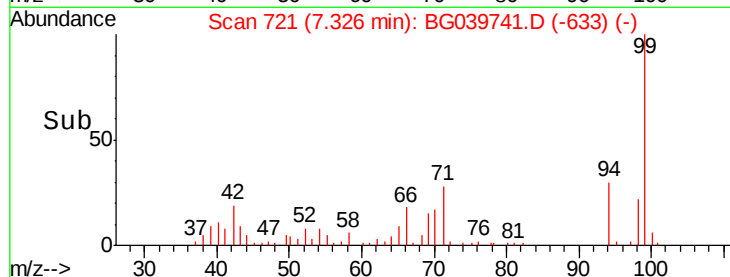
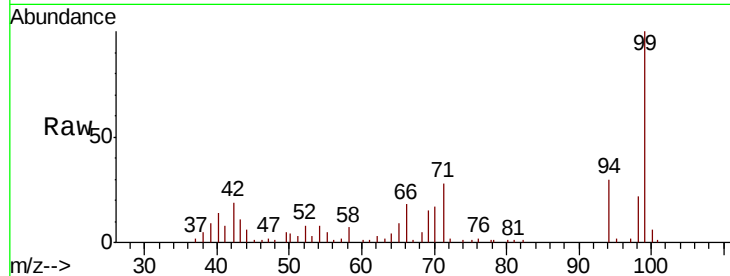




#10
Phenol
Concen: 3.298 ng
RT: 7.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

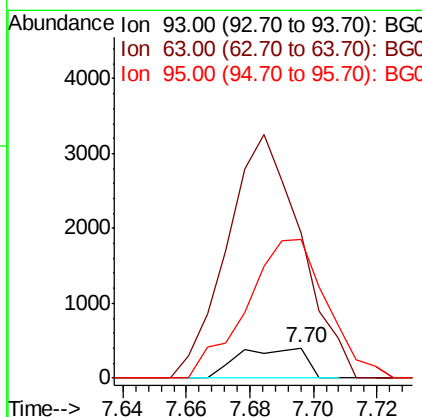
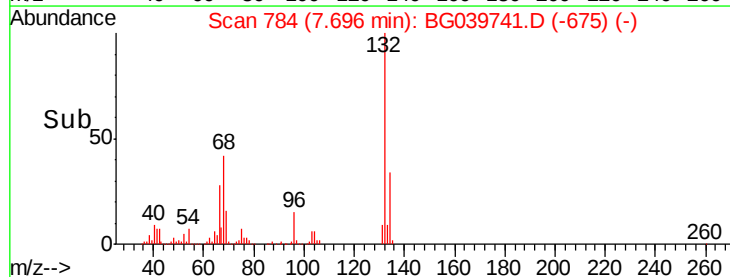
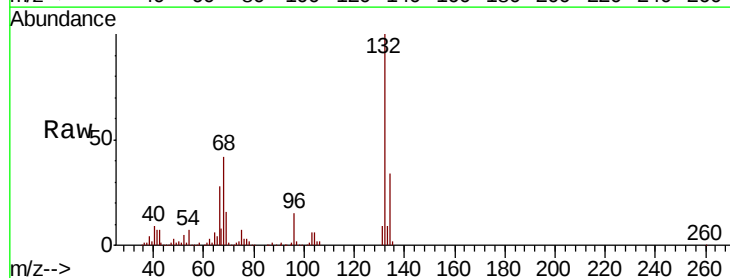
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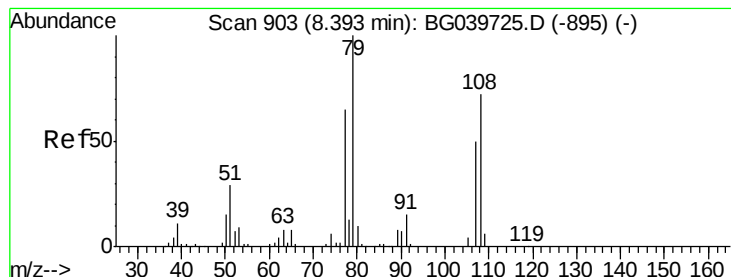
Tgt Ion: 94 Resp: 13803
Ion Ratio Lower Upper
94 100
65 31.5 11.7 51.7
66 59.8 23.7 63.7



#11
bis(2-Chloroethyl)ether
Concen: 0.178 ng
RT: 7.70 min Scan# 784
Delta R.T. 0.11 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

Tgt Ion: 93 Resp: 580
Ion Ratio Lower Upper
93 100
63 478.2 69.5 109.5#
95 458.4 12.7 52.7#





#15

Benzyl Alcohol

Concen: 1.715 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.07 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

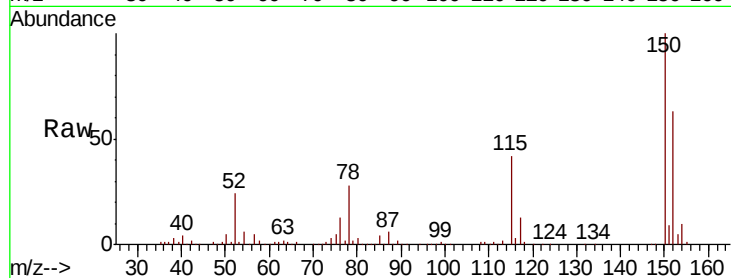
Tgt Ion: 79 Resp: 5256

Ion Ratio Lower Upper

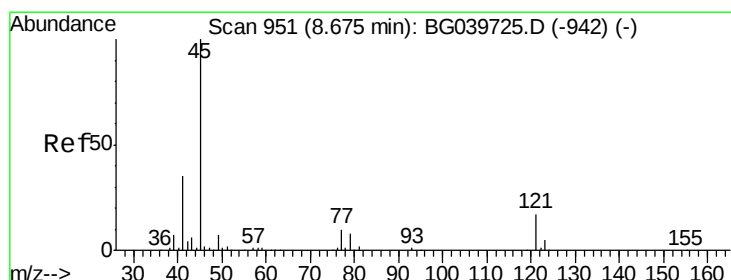
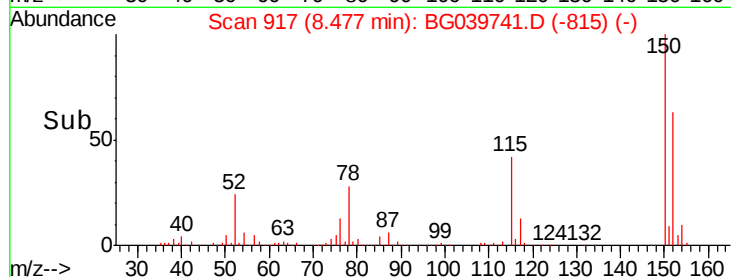
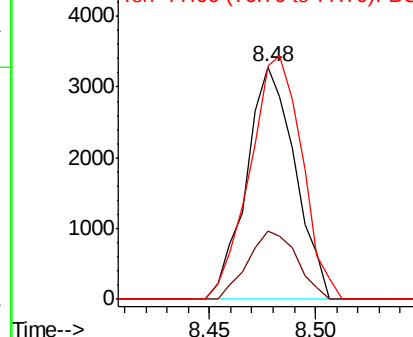
79 100

108 29.5 57.8 86.6#

77 100.3 51.1 76.7#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.008 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.42 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

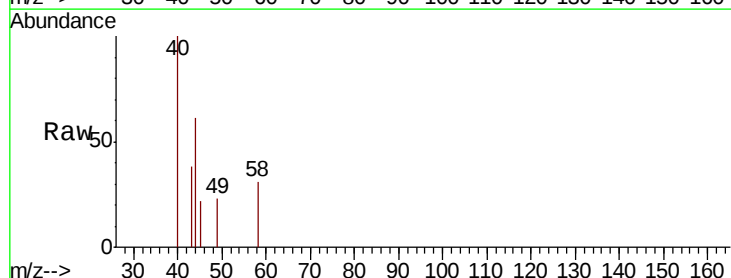
Tgt Ion: 45 Resp: 53

Ion Ratio Lower Upper

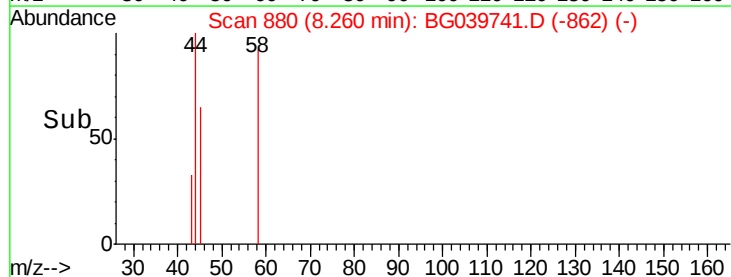
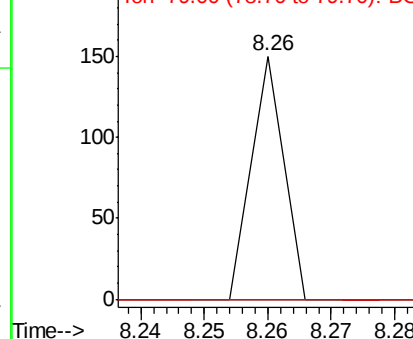
45 100

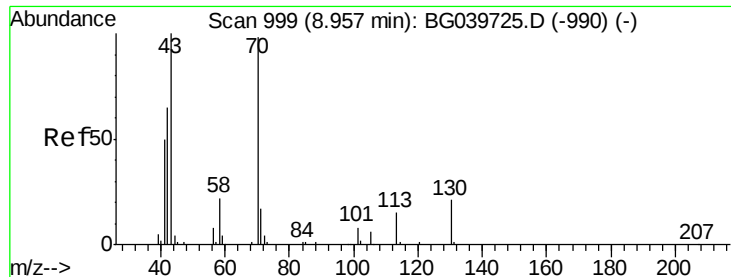
77 0.0 0.0 30.0

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: 15.429 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.37 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

Tgt Ion: 70 Resp: 42908

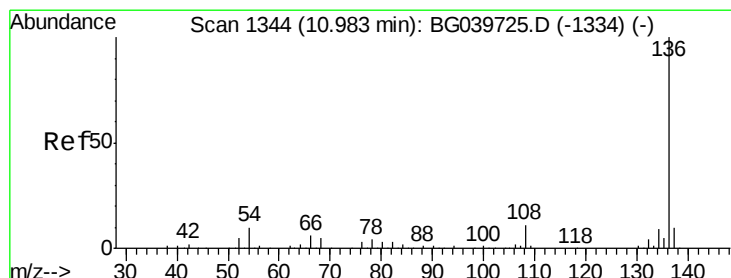
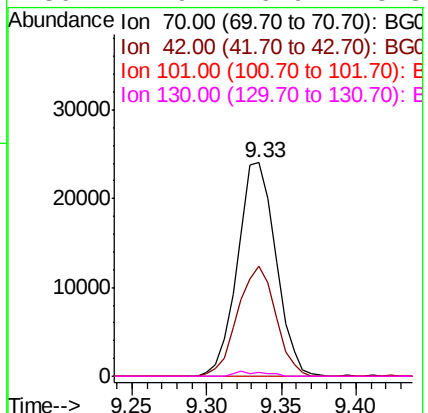
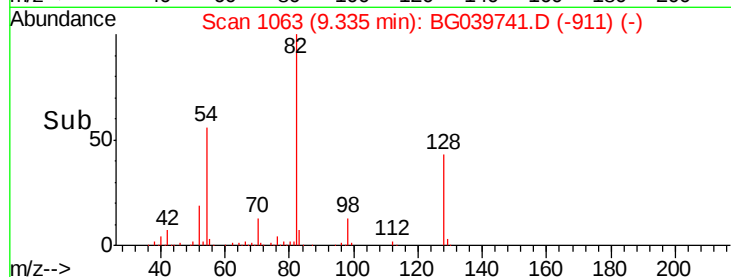
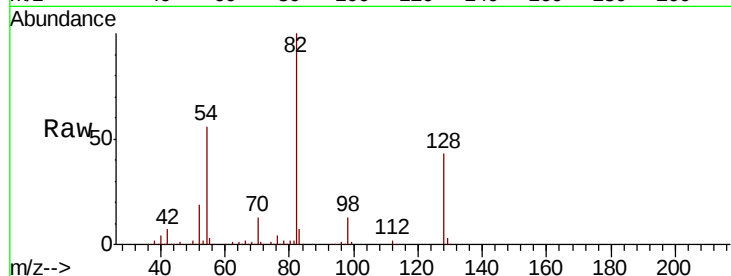
Ion Ratio Lower Upper

70 100

42 51.6 60.4 90.6#

101 0.0 7.5 11.3#

130 1.9 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: BG039741.D

Acq: 4 Mar 2019 21:27

Tgt Ion: 136 Resp: 188635

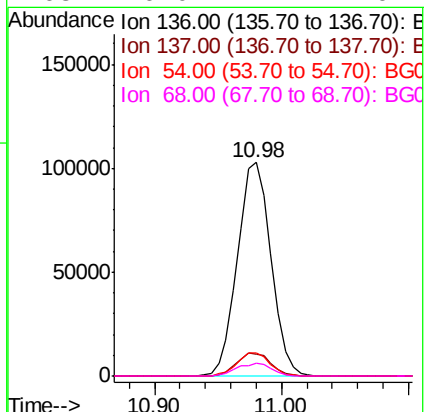
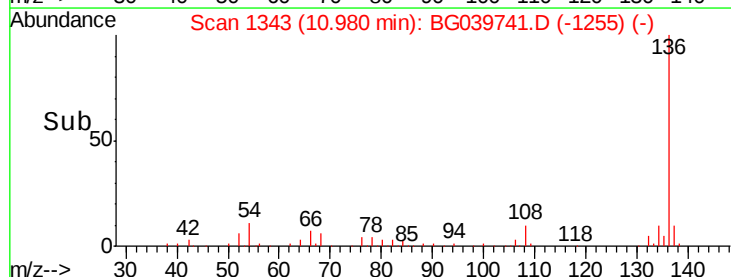
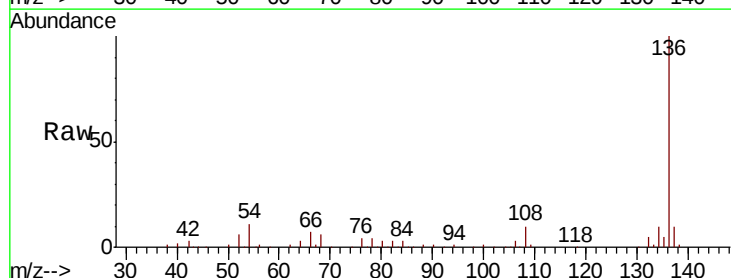
Ion Ratio Lower Upper

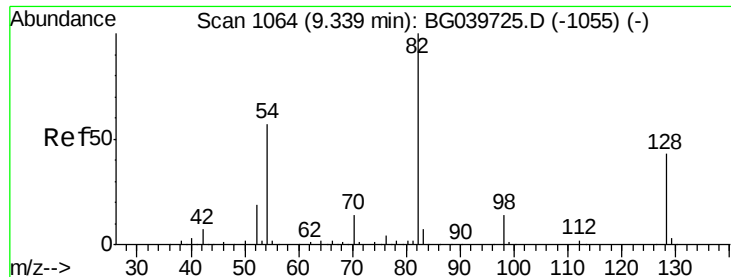
136 100

137 10.4 9.1 13.7

54 10.7 9.4 14.2

68 6.0 4.2 6.4

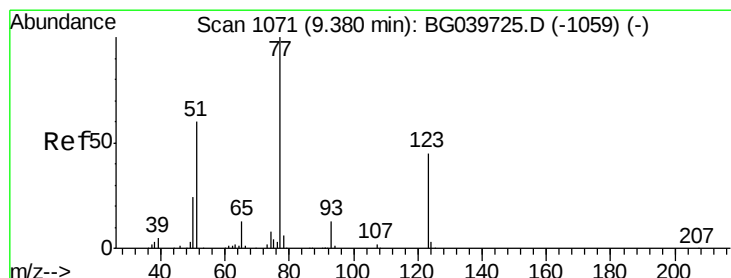
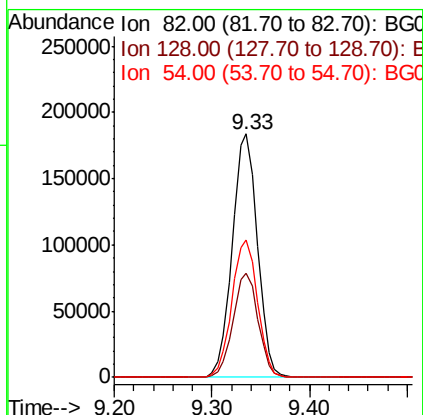
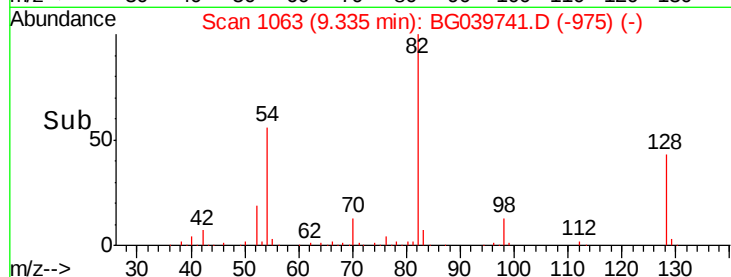
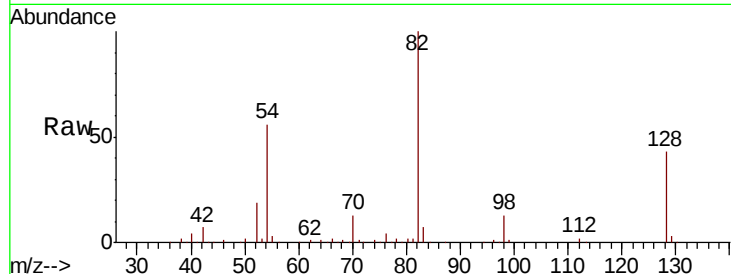




#23
 Nitrobenzene-d5
 Concen: 94.212 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

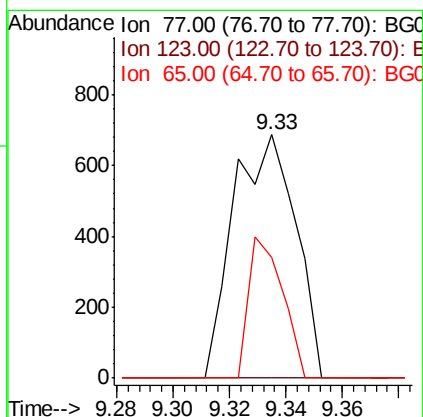
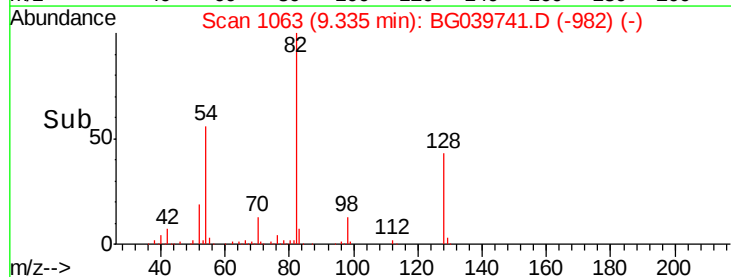
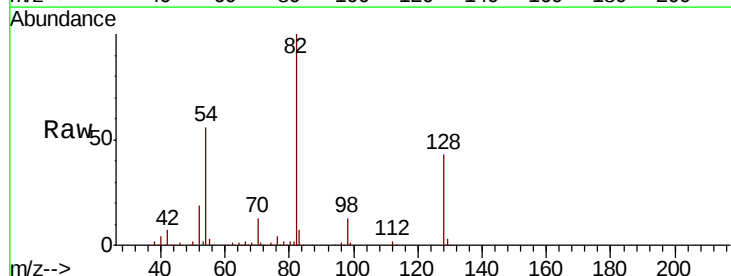
Instrument :
 BNA_G
 ClientSampleId :
 SB-A-11-14

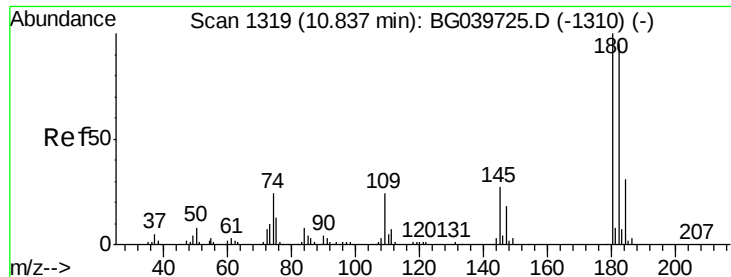
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.3	46.9
54	56.2	50.9	76.3



#24
 Nitrobenzene
 Concen: 0.286 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.05 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	49.6	12.3	18.5#

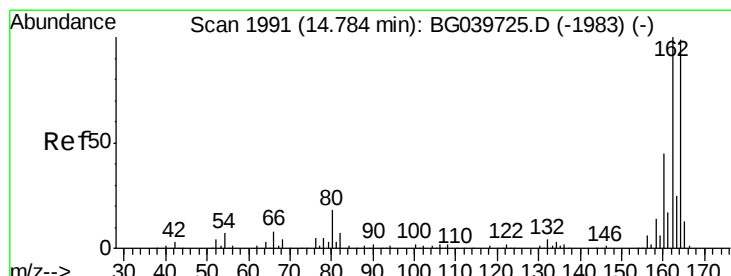
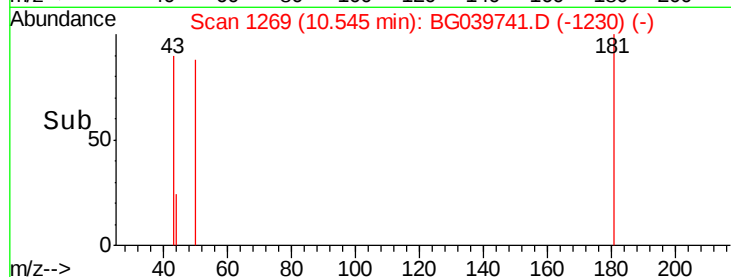
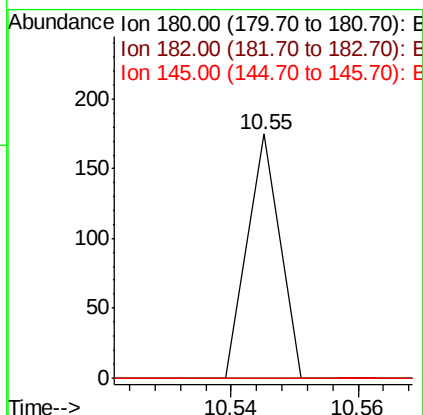
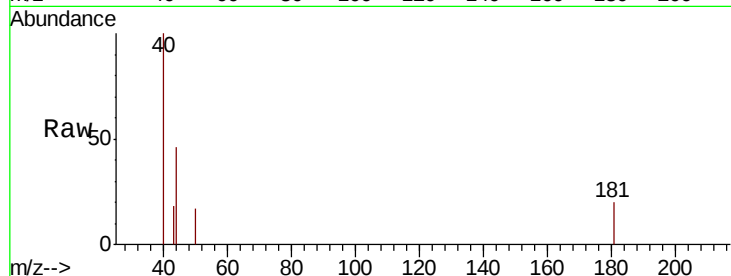




#30
 1,2,4-Trichlorobenzene
 Concen: 0.018 ng
 RT: 10.55 min Scan# 1269
 Delta R.T. -0.30 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

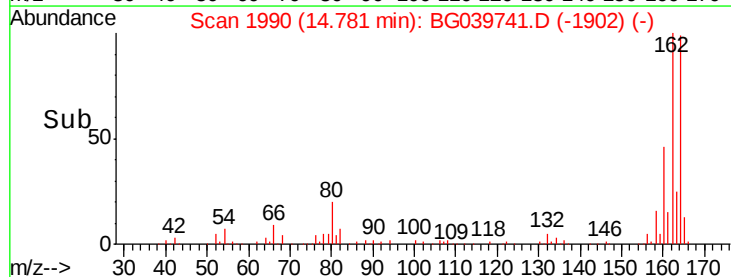
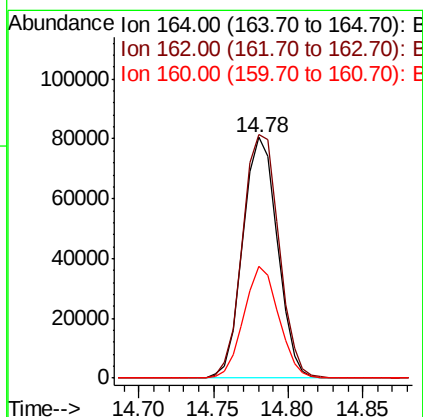
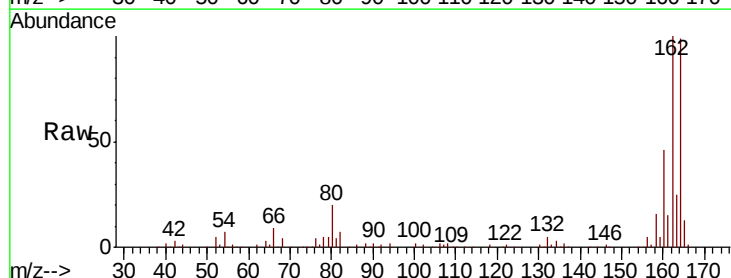
Instrument :
 BNA_G
 ClientSampleId :
 SB-A-11-14

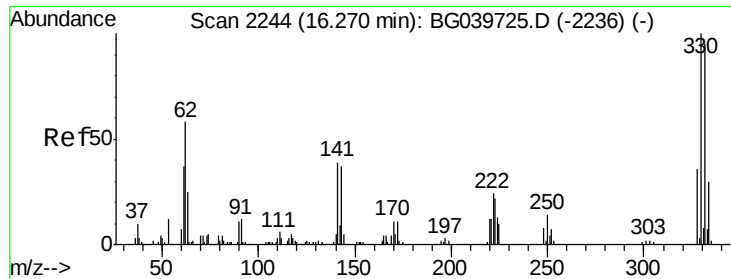
Tgt Ion:180 Resp: 62
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.0 114.0#
 145 0.0 22.7 34.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

Tgt Ion:164 Resp: 129021
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.6 122.4
 160 46.7 34.2 51.2

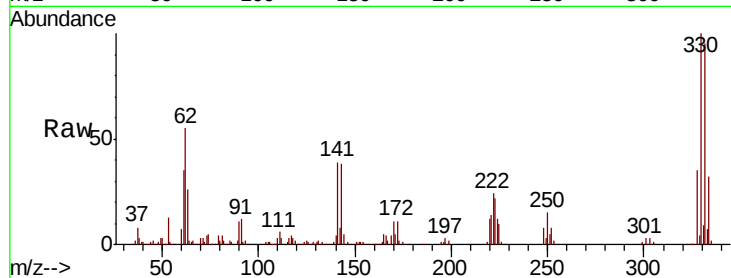




#42
 2,4,6-Tribromophenol
 Concen: 149.029 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	42.0	35.6	53.4

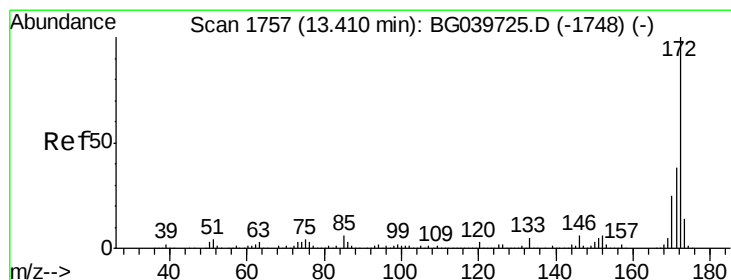
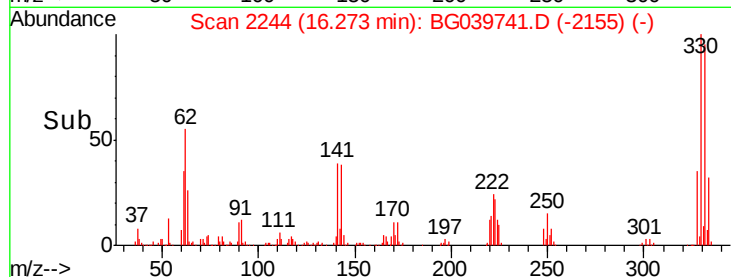
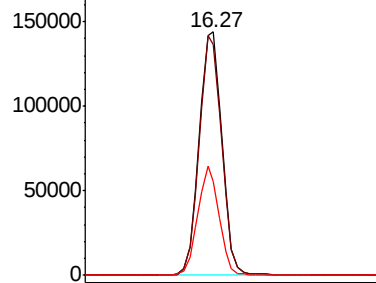


Abundance

Ion 329.80 (329.50 to 330.50): E

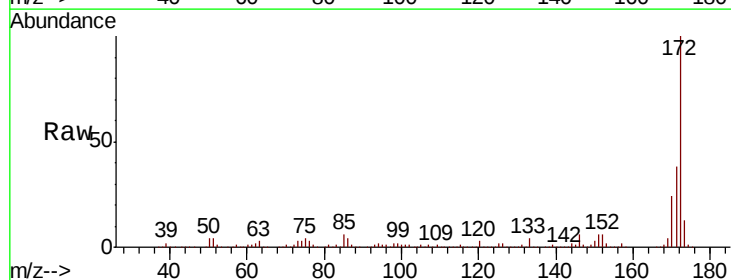
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.987 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	24.5	20.2	30.4

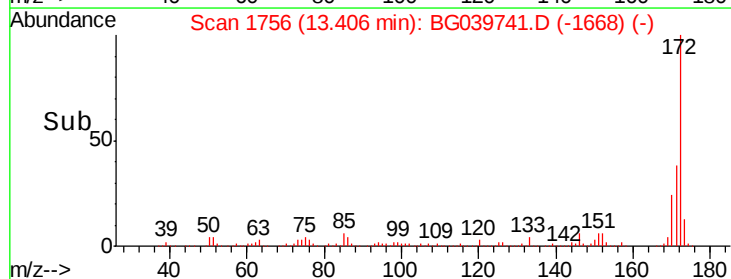
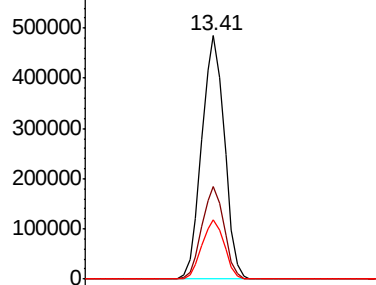


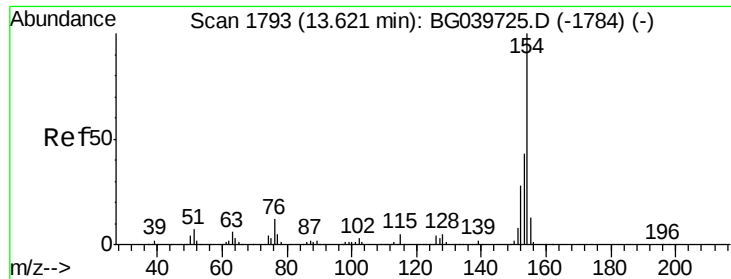
Abundance

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

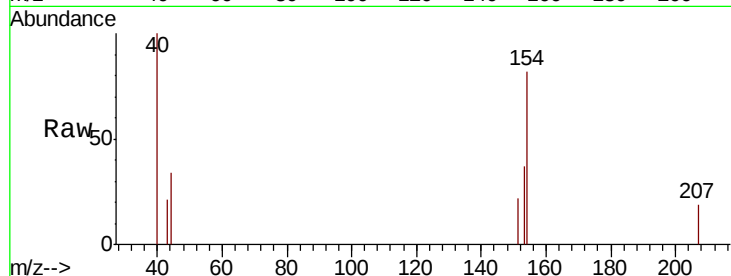




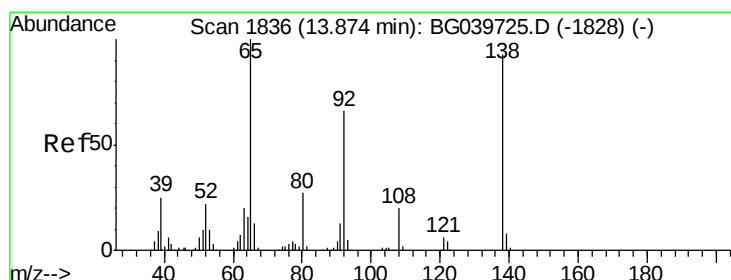
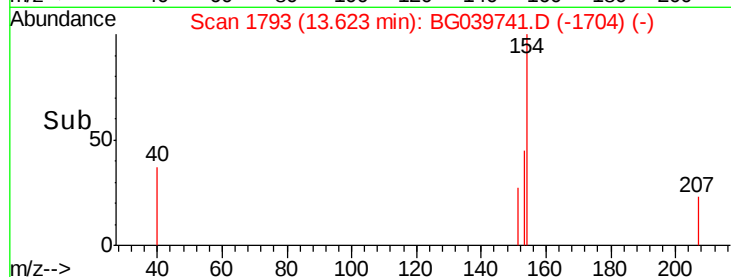
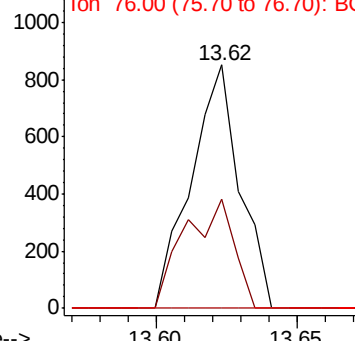
#46
 1,1'-Biphenyl
 Concen: 0.096 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

Instrument :
 BNA_G
 ClientSampled :
 SB-A-11-14

Tgt Ion: 154 Resp: 1015
 Ion Ratio Lower Upper
 154 100
 153 44.8 22.1 62.1
 76 0.0 0.0 32.4

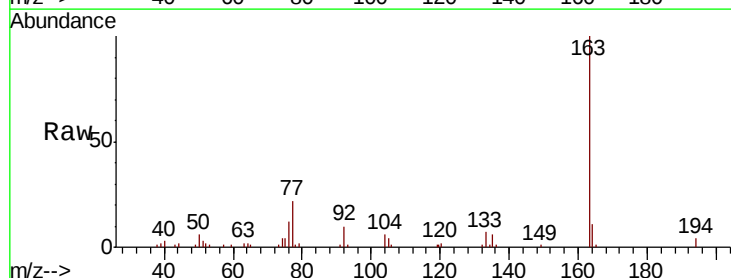


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

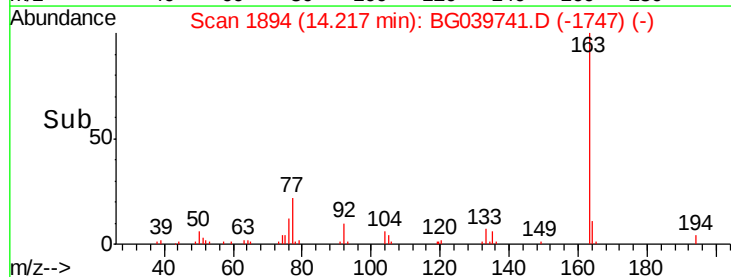
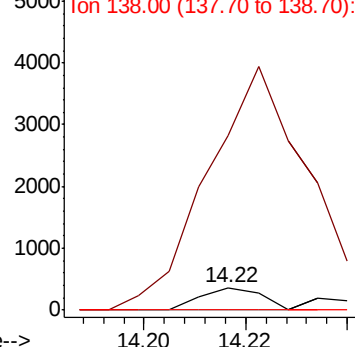


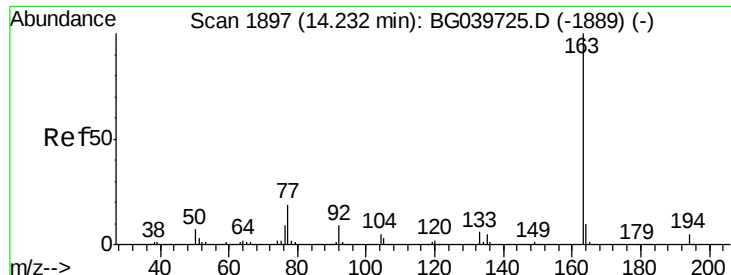
#48
 2-Nitroaniline
 Concen: 0.117 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. 0.34 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

Tgt Ion: 65 Resp: 300
 Ion Ratio Lower Upper
 65 100
 92 775.5 51.4 77.2#
 138 0.0 71.4 107.2#



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





#50

Dimethylphthalate

Concen: 4.984 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

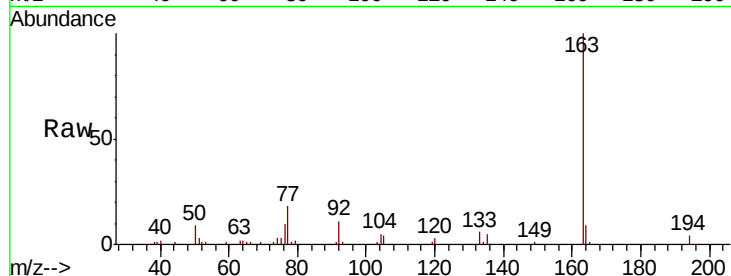
Tgt Ion:163 Resp: 53772

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

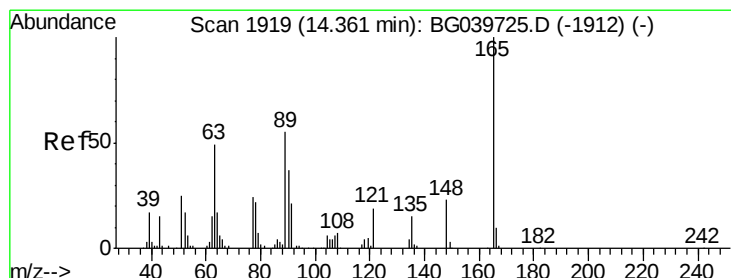
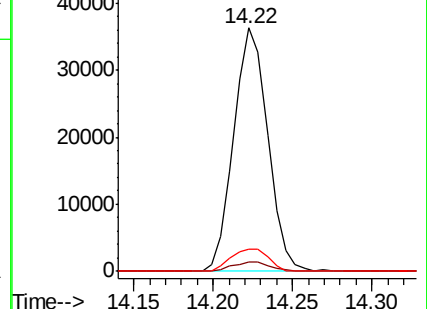
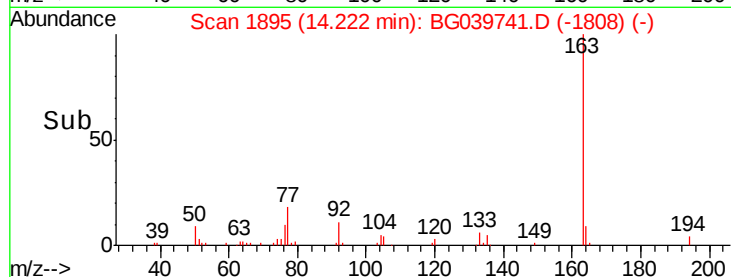
164 9.1 8.4 12.6



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: 0.228 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.14 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

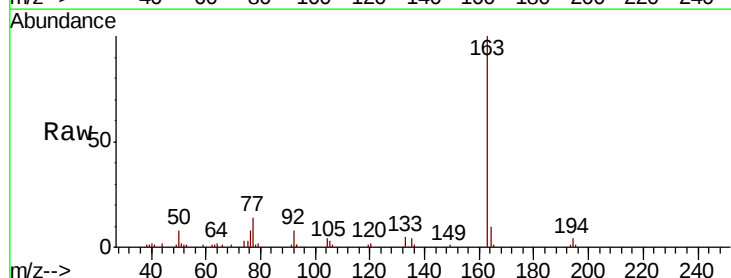
Tgt Ion:165 Resp: 522

Ion Ratio Lower Upper

165 100

63 112.6 47.0 70.6#

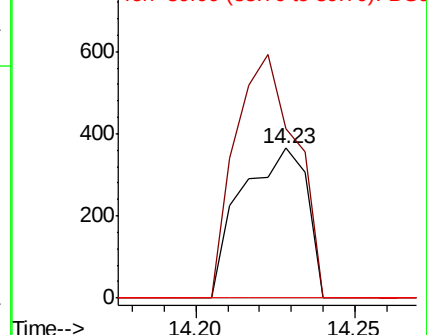
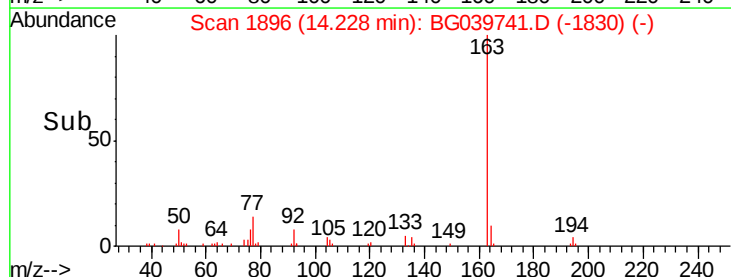
89 0.0 45.8 68.8#

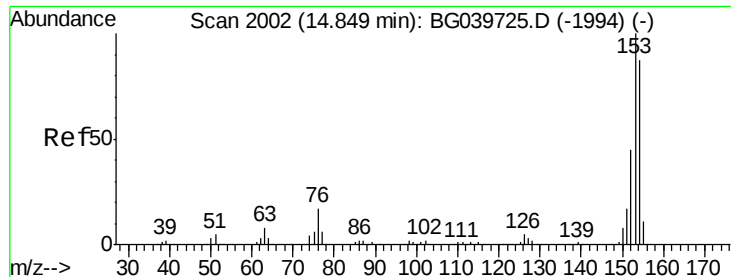


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.063 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

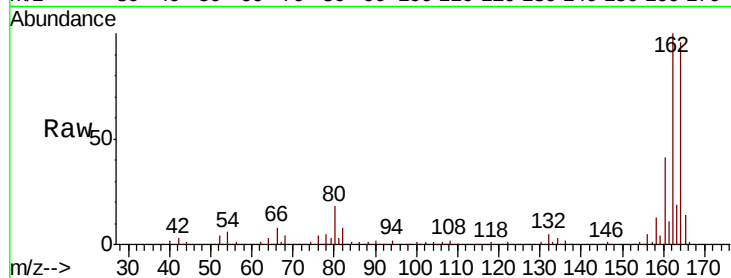
Tgt Ion:154 Resp: 493

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

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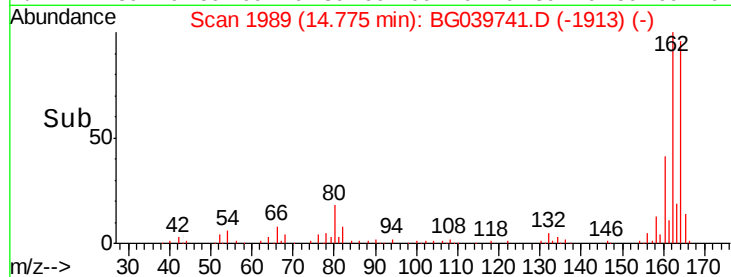
14.77

14.77

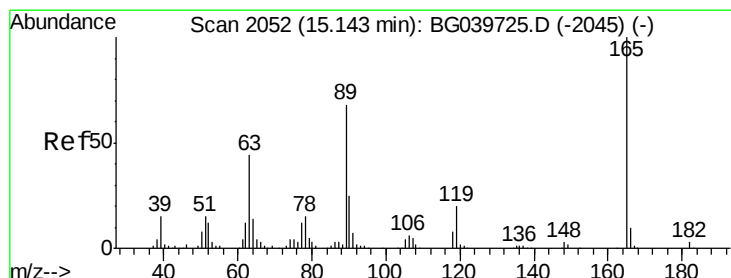
14.77

14.77

14.77



Time-->



#57

2,4-Dinitrotoluene

Concen: 5.344 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Tgt Ion:165 Resp: 17175

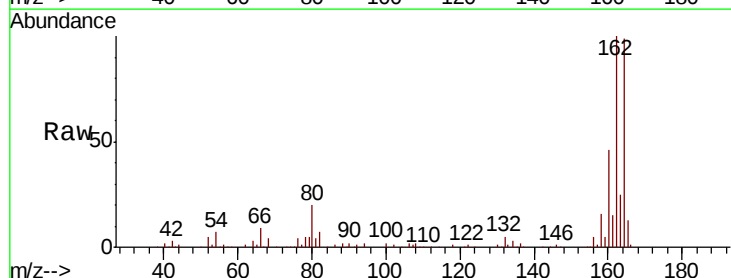
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 1.4 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

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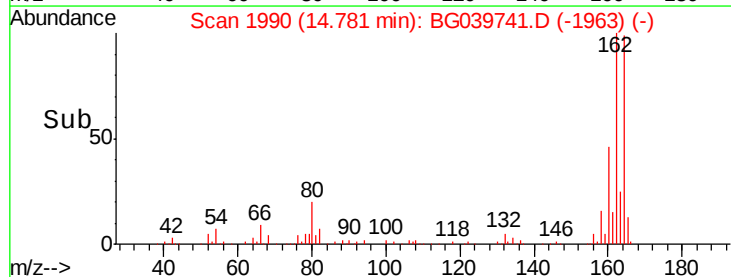
14.78

14.78

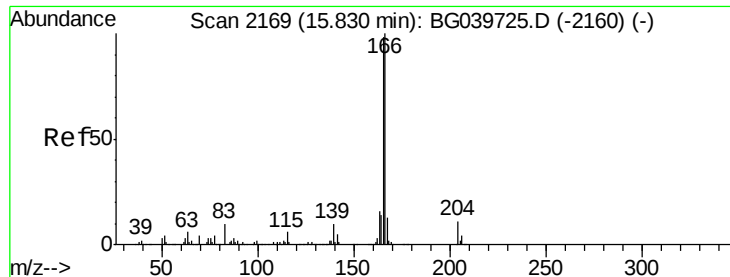
14.78

14.78

14.78



Time-->



#58

Fluorene

Concen: 0.964 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.43 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

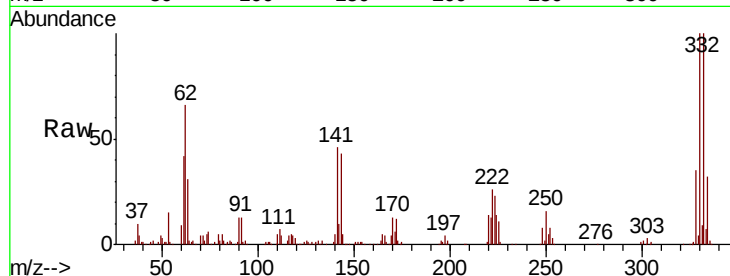
Tgt Ion:166 Resp: 9806

Ion Ratio Lower Upper

166 100

165 113.1 77.9 116.9

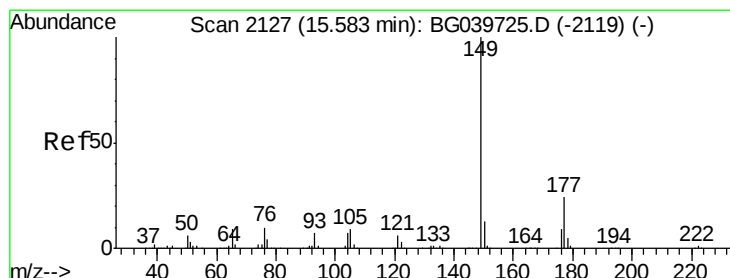
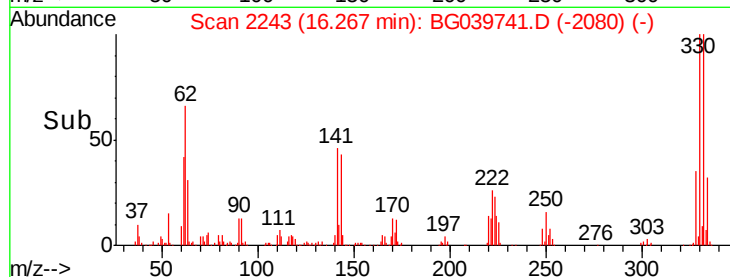
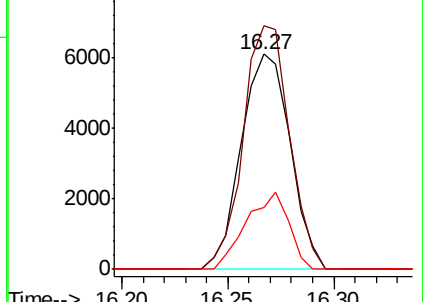
167 28.9 10.8 16.2#



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: 0.055 ng

RT: 15.58 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

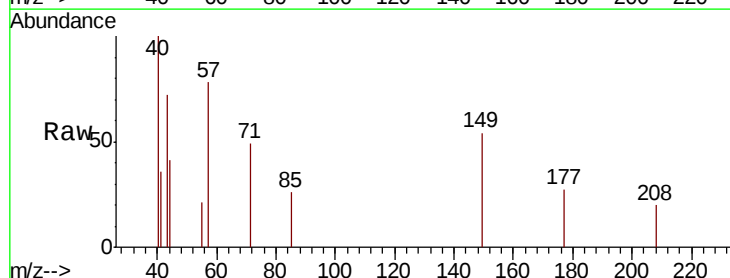
Tgt Ion:149 Resp: 592

Ion Ratio Lower Upper

149 100

177 50.3 18.3 27.5#

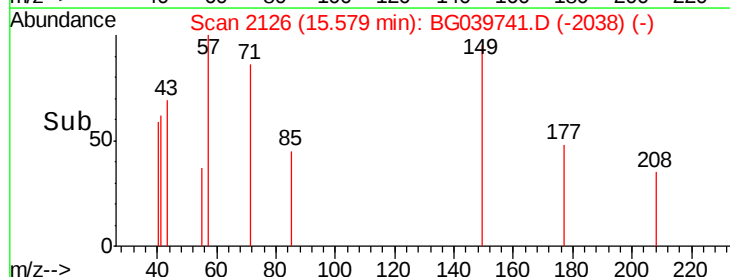
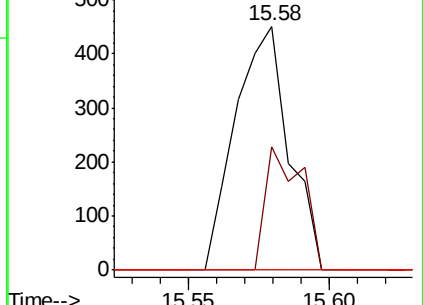
150 0.0 10.2 15.2#

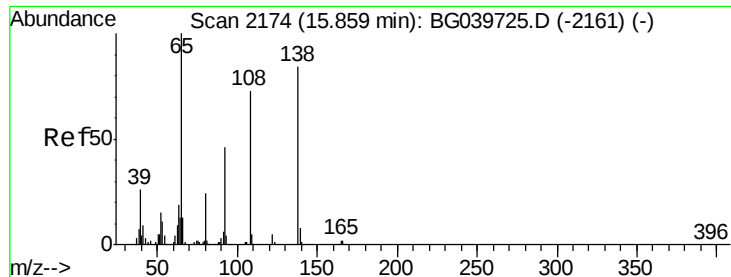


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

4-Nitroaniline

Concen: 0.028 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.40 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

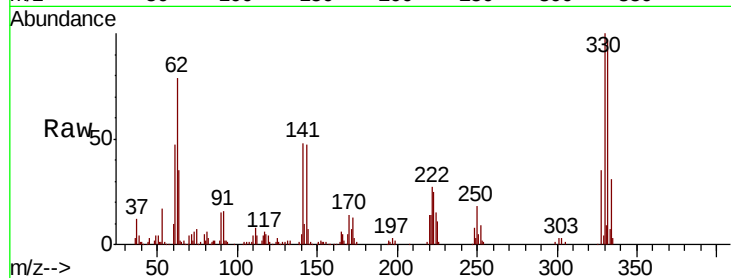
Tgt Ion:138 Resp: 69

Ion Ratio Lower Upper

138 100

92 1040.3 38.7 78.7#

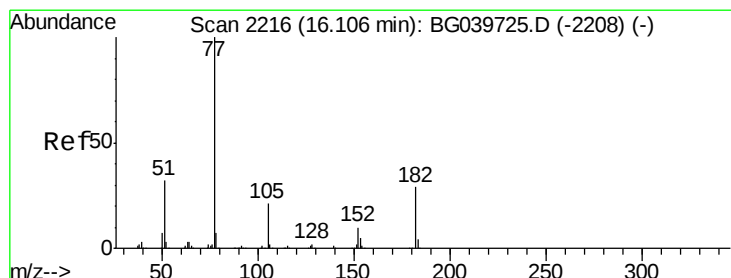
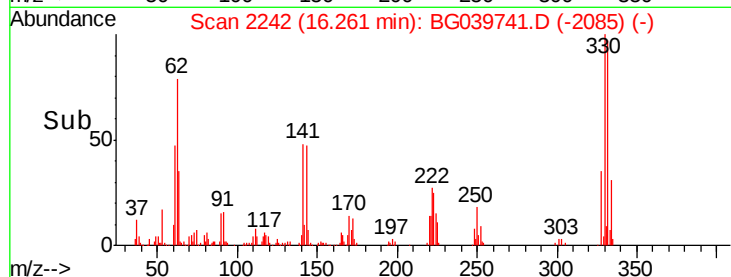
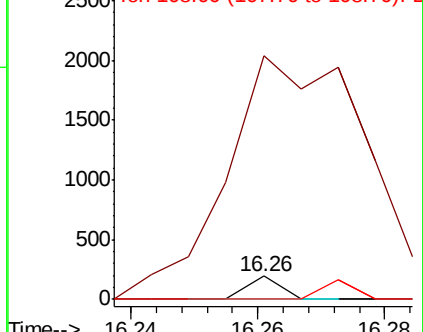
108 0.0 74.6 114.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.155 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.15 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Tgt Ion: 77 Resp: 1505

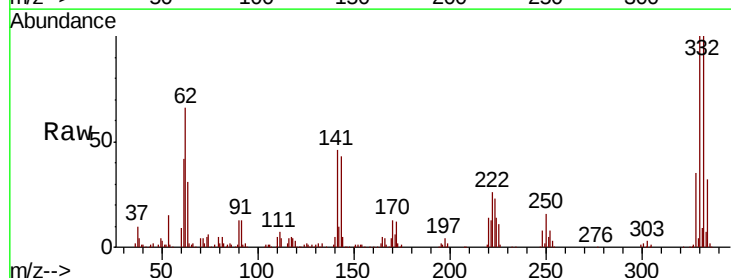
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 120.2 0.0 39.8#

51 88.5 14.1 54.1#

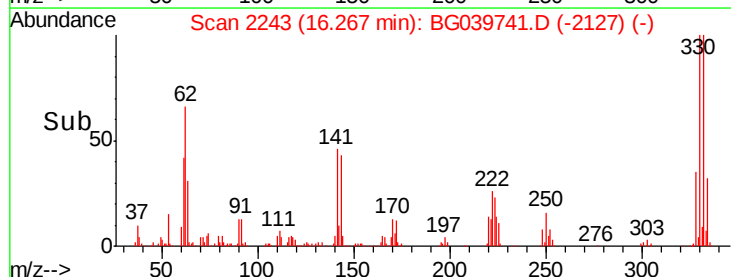
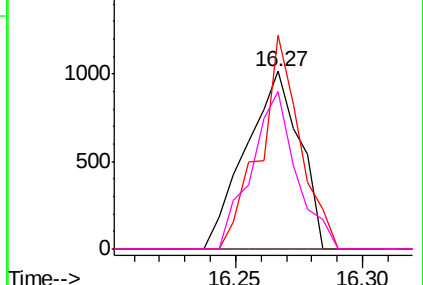


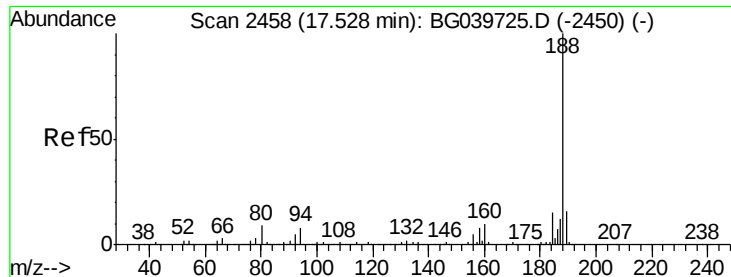
Abundance Ion 77.00 (76.70 to 77.70): BG

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

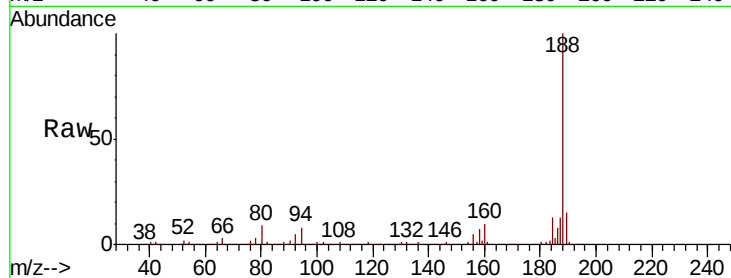




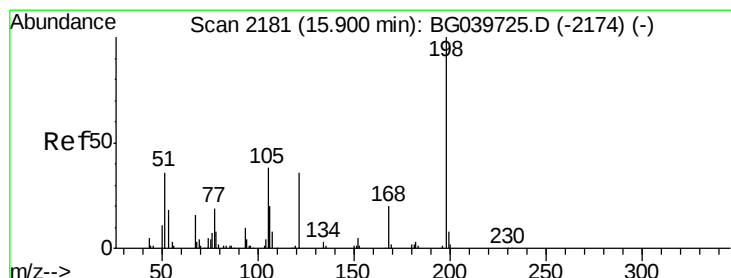
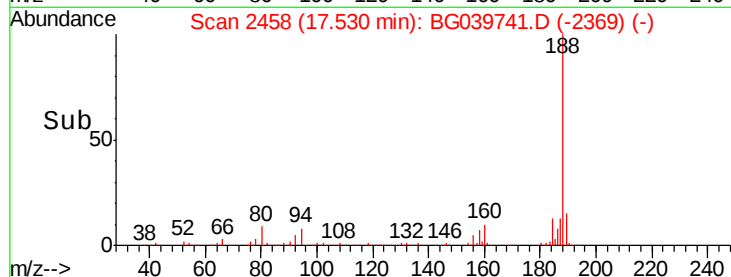
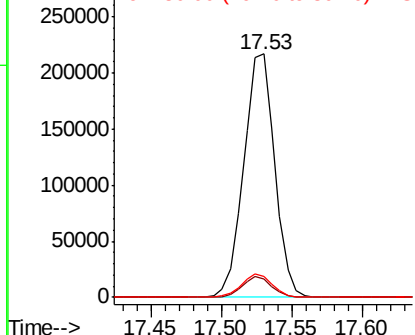
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

Instrument :
BNA_G
ClientSampled :
SB-A-11-14

Tgt Ion:188 Resp: 333348
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 8.7 8.1 12.1

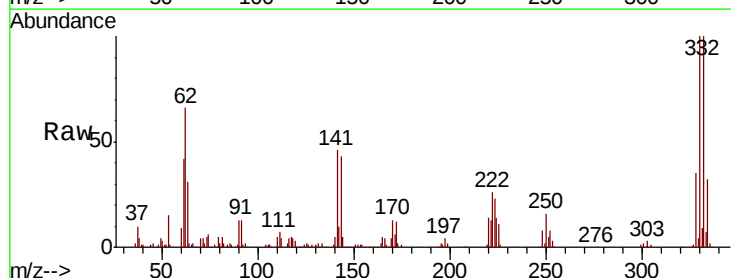


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

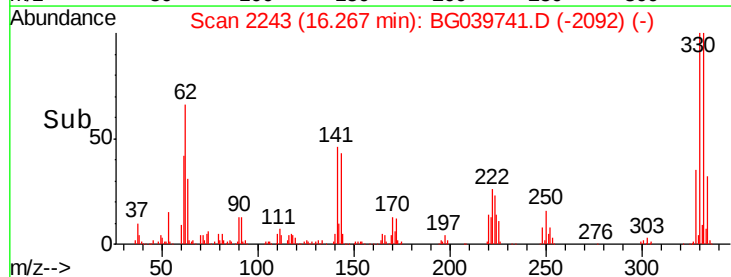
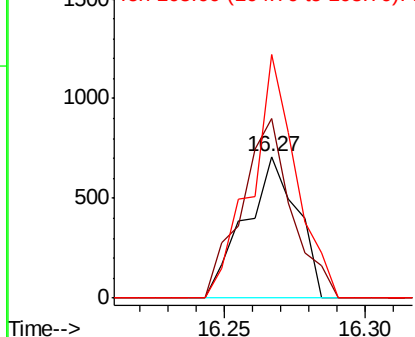


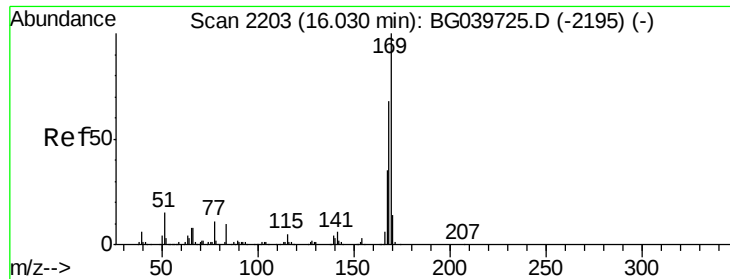
#65
4,6-Dinitro-2-methylphenol
Concen: 0.457 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.36 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

Tgt Ion:198 Resp: 900
Ion Ratio Lower Upper
198 100
51 127.0 27.4 67.4#
105 172.5 19.7 59.7#



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

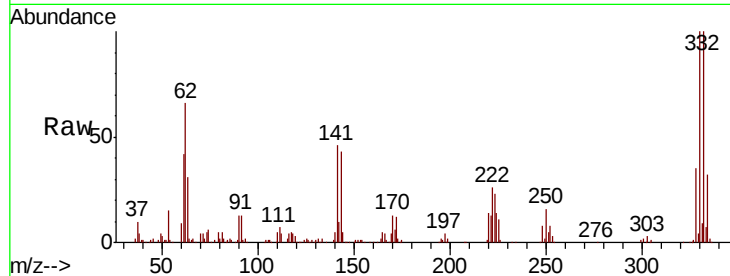




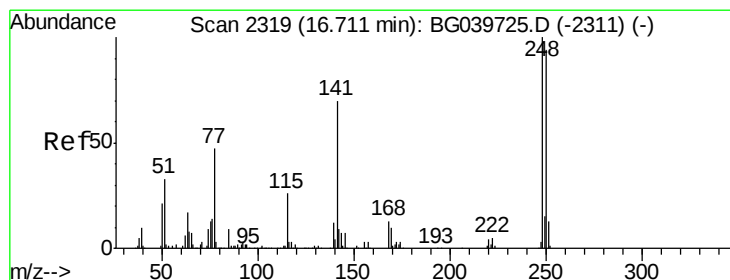
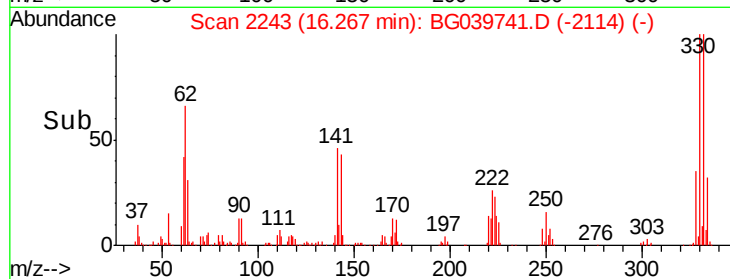
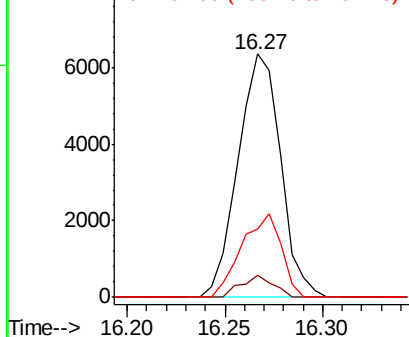
#66
 n-Nitrosodiphenylamine
 Concen: 0.992 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

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

Tgt Ion:169 Resp: 9578
 Ion Ratio Lower Upper
 169 100
 168 9.0 56.6 85.0#
 167 27.8 28.8 43.2#

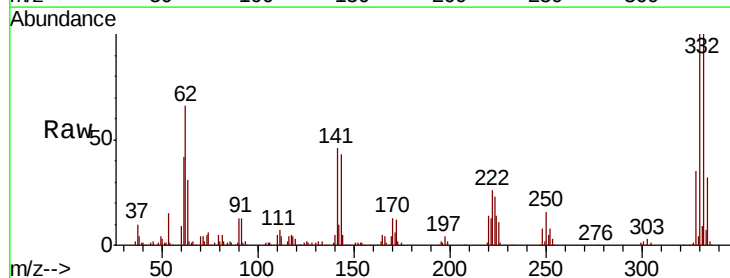


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

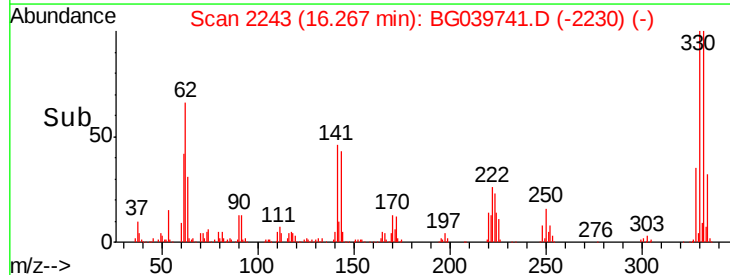
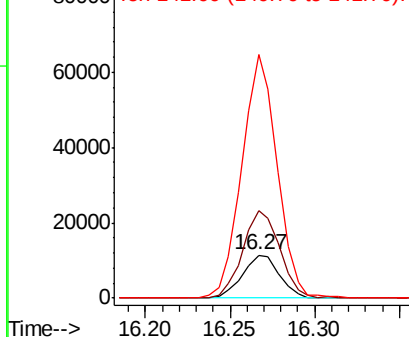


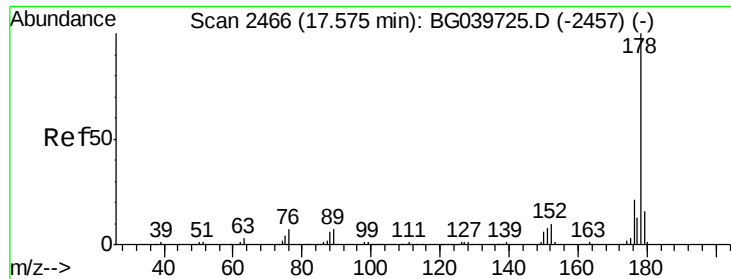
#67
 4-Bromophenyl-phenylether
 Concen: 4.715 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

Tgt Ion:248 Resp: 17594
 Ion Ratio Lower Upper
 248 100
 250 203.6 77.6 116.4#
 141 566.6 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: 0.032 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

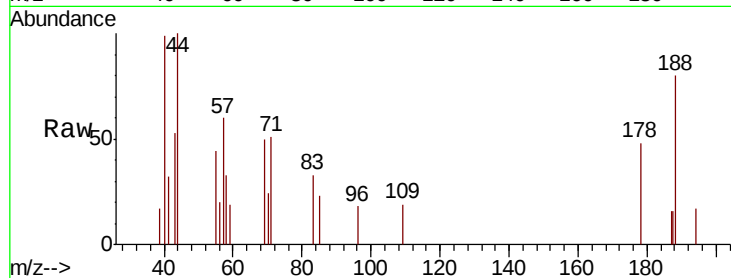
Tgt Ion:178 Resp: 584

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

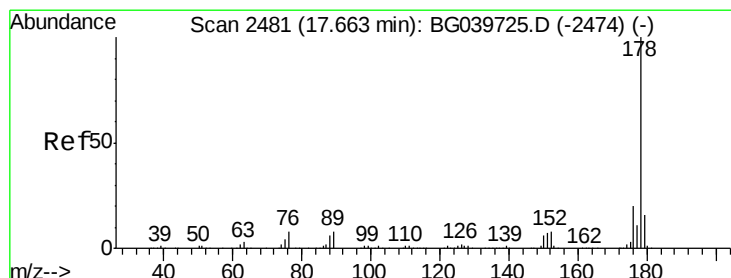
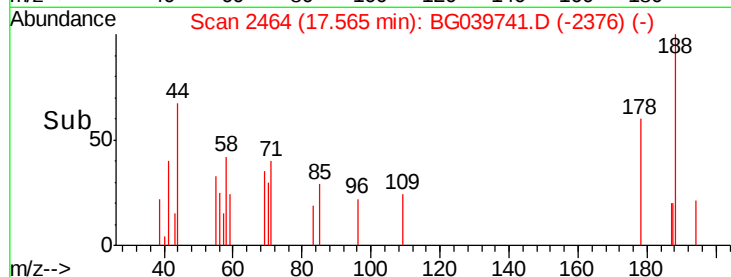
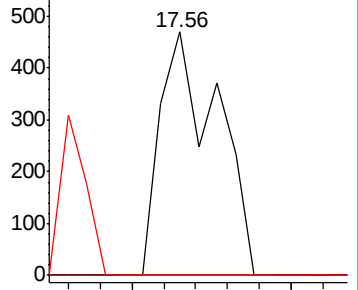
179 0.0 12.6 19.0#



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: 0.033 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.10 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

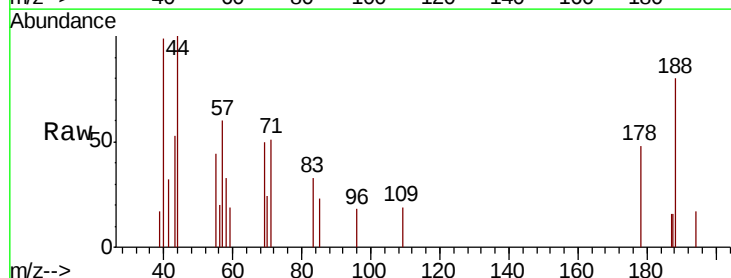
Tgt Ion:178 Resp: 584

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

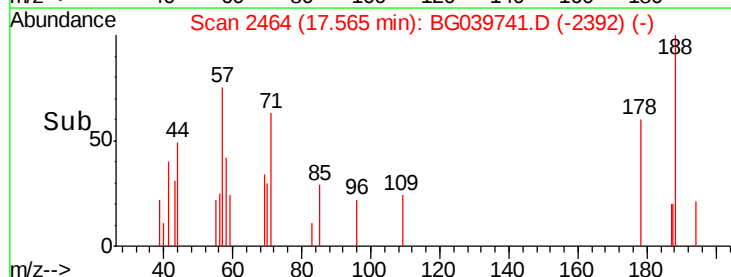
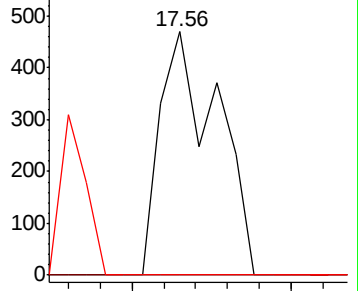
179 0.0 12.5 18.7#

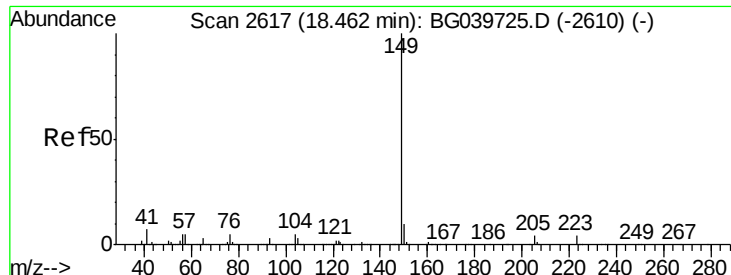


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.070 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

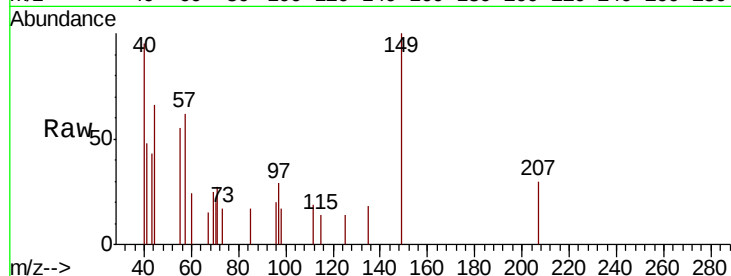
Tgt Ion:149 Resp: 1326

Ion Ratio Lower Upper

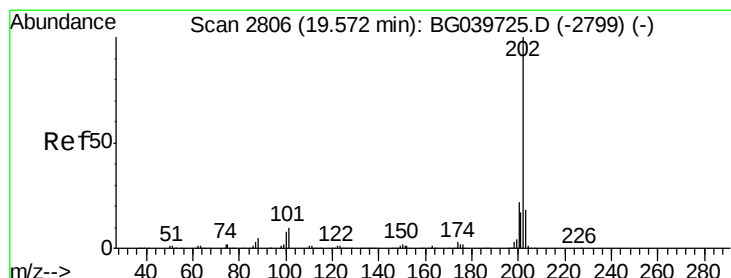
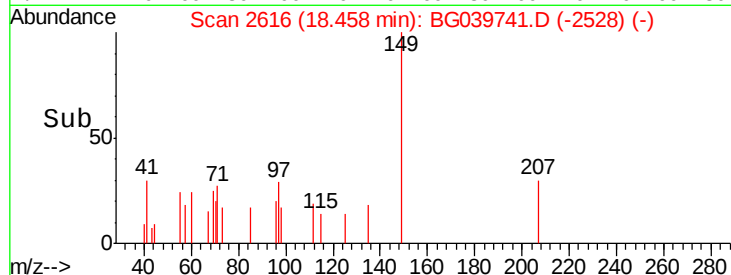
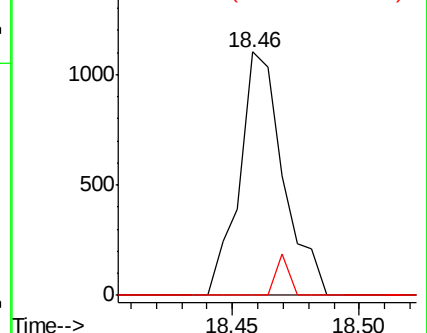
149 100

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



#75

Fluoranthene

Concen: 0.006 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

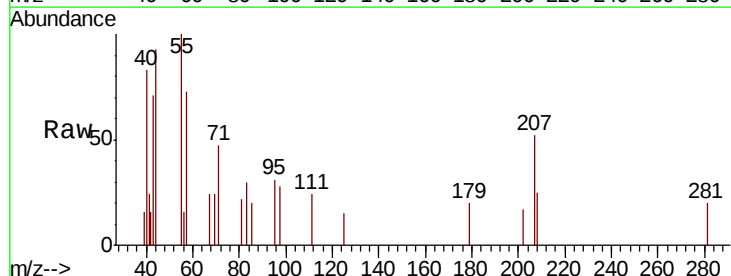
Tgt Ion:202 Resp: 127

Ion Ratio Lower Upper

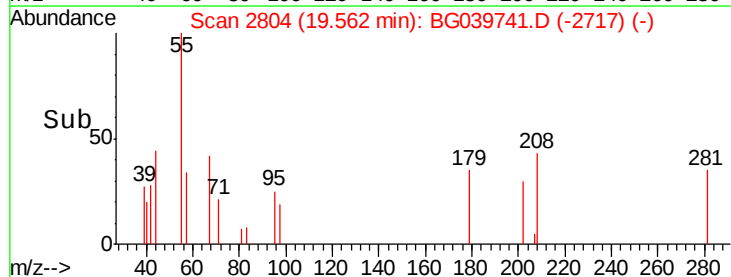
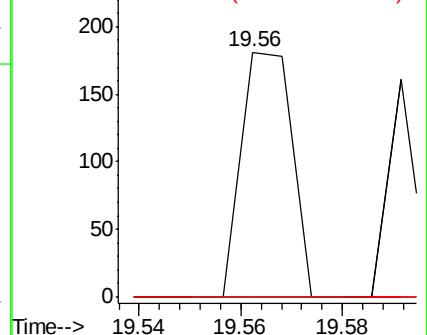
202 100

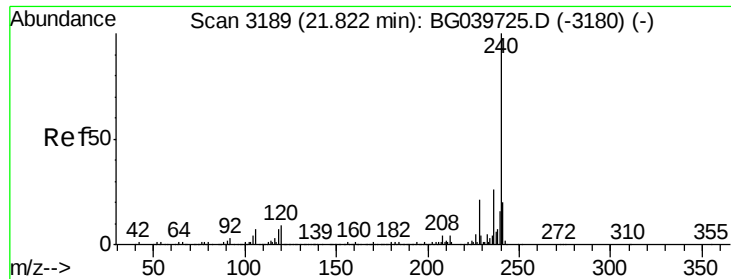
101 0.0 0.0 30.0

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

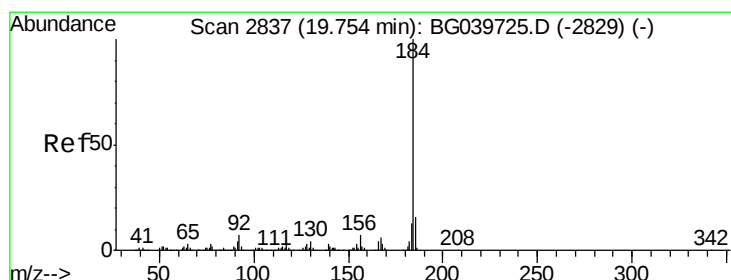
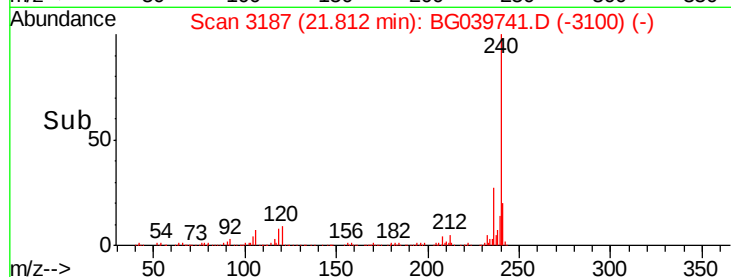
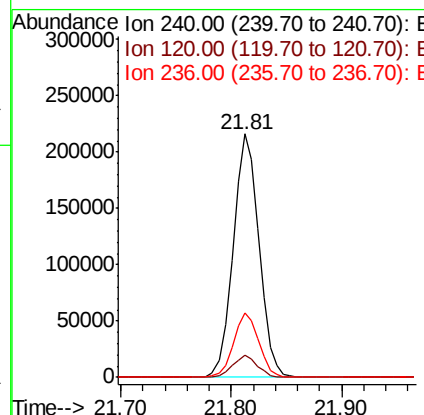
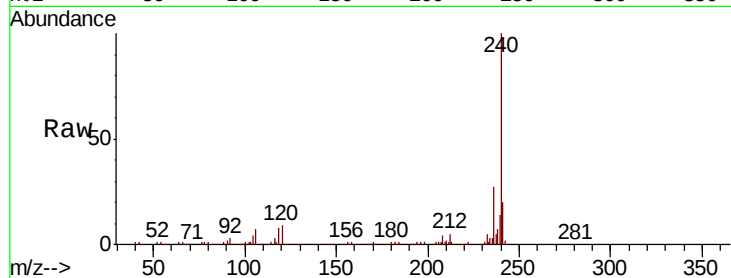




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

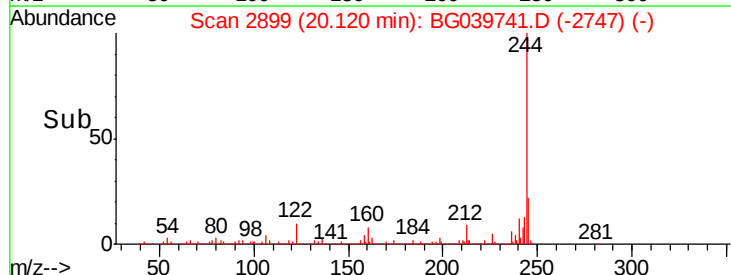
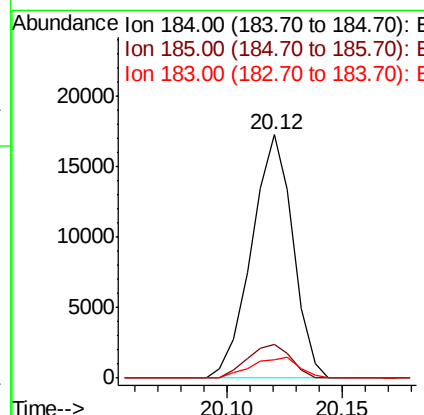
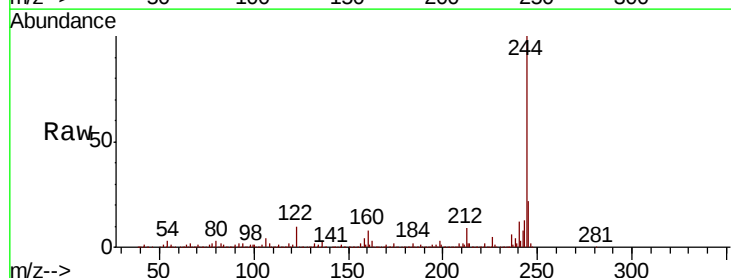
Instrument :
BNA_G
ClientSampleId :
SB-A-11-14

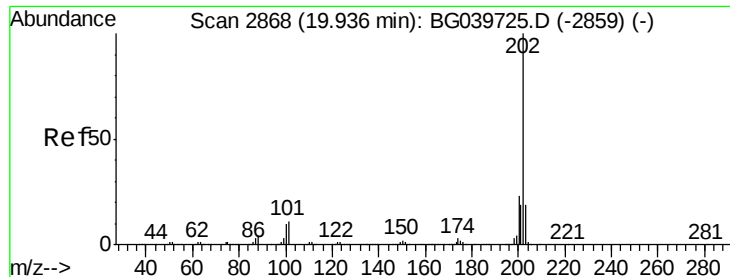
Tgt Ion:240 Resp: 353573
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.6 21.0 31.4



#77
Benzidine
Concen: 1.912 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.37 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

Tgt Ion:184 Resp: 21454
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.2
183 7.4 10.6 15.8#





#78

Pyrene

Concen: 0.220 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.18 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

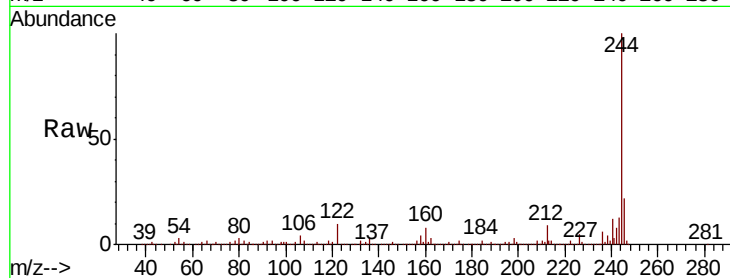
Tgt Ion:202 Resp: 5054

Ion Ratio Lower Upper

202 100

200 48.4 17.8 26.8#

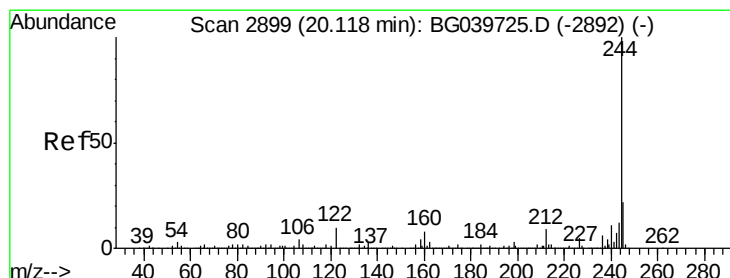
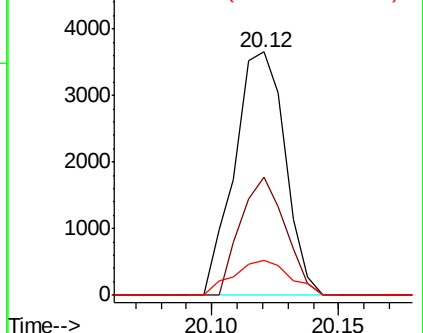
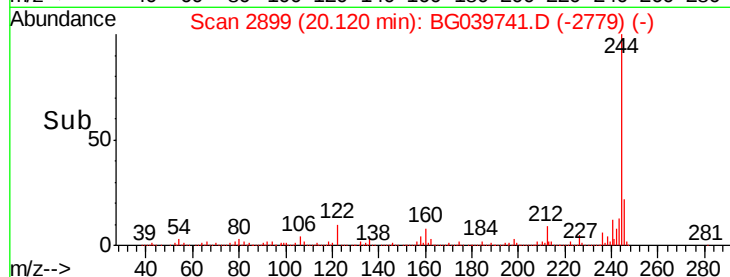
203 14.4 15.3 22.9#



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: 74.333 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

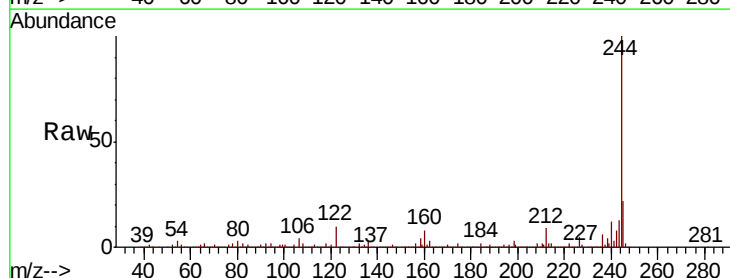
Tgt Ion:244 Resp: 1193671

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

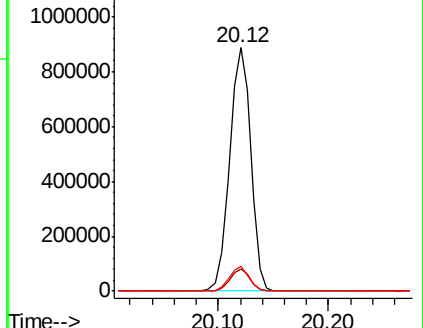
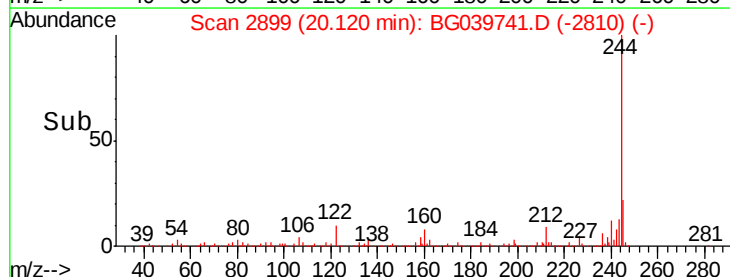
122 10.2 8.4 12.6

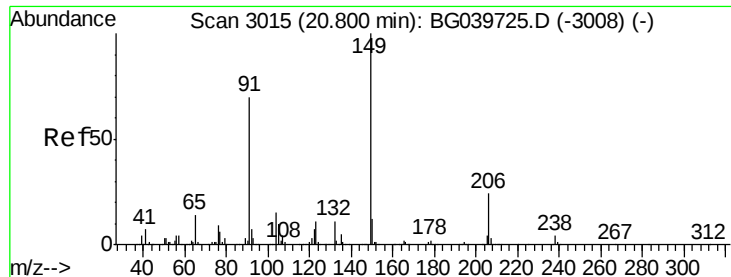


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3014

Delta R.T. -0.01 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

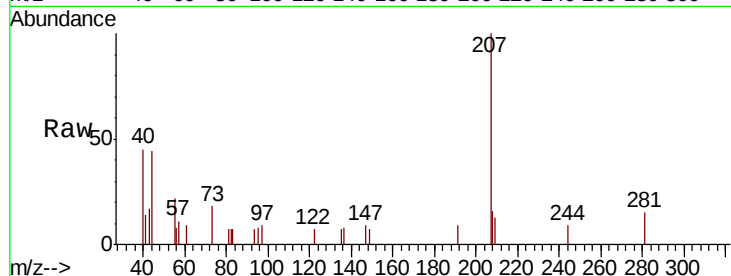
Tgt Ion:149 Resp: 59

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

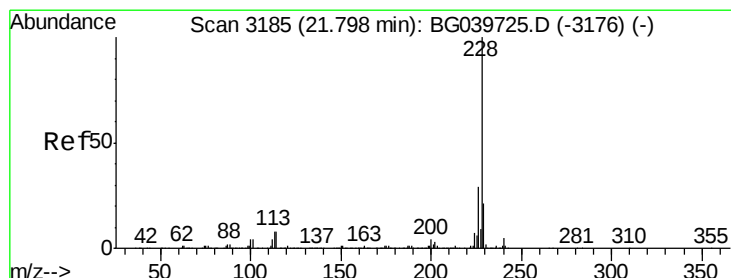
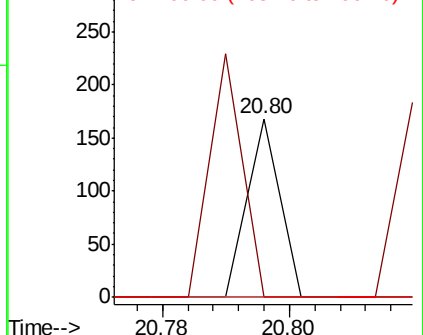
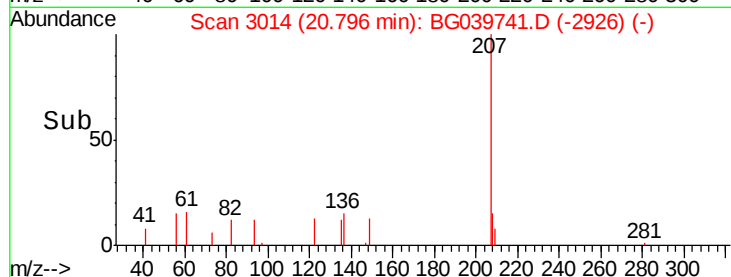
206 0.0 18.6 27.8#



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: 0.048 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

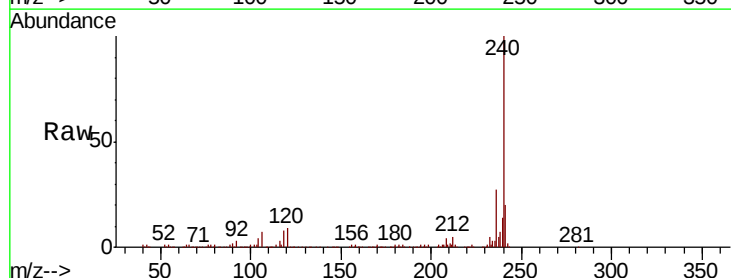
Tgt Ion:228 Resp: 1061

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

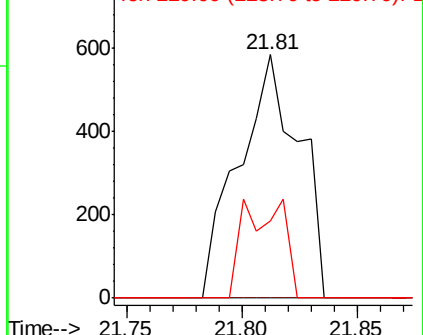
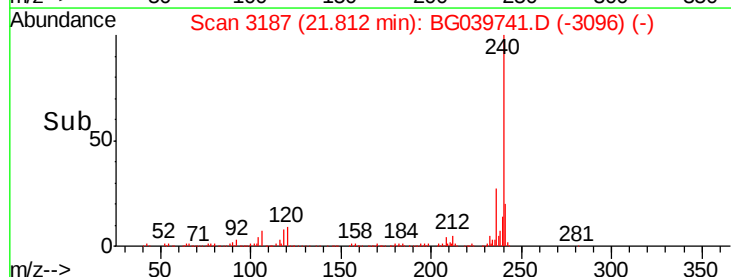
229 31.5 16.9 25.3#

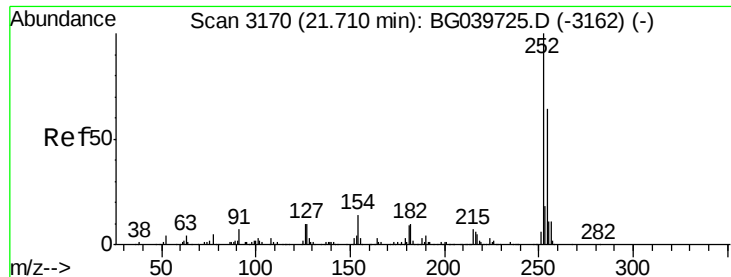


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.40 min Scan# 3117

Delta R.T. -0.32 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

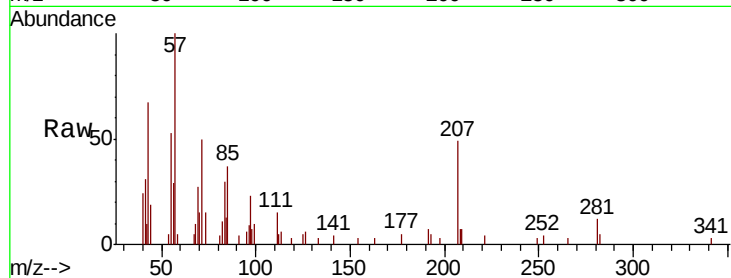
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

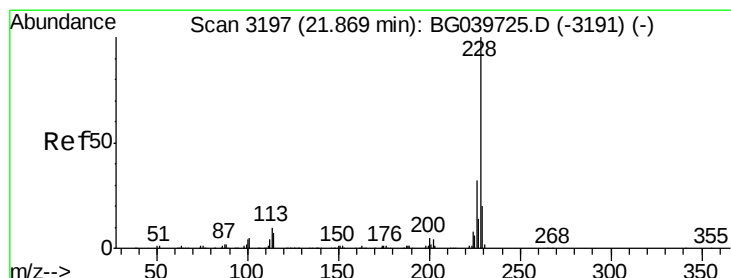
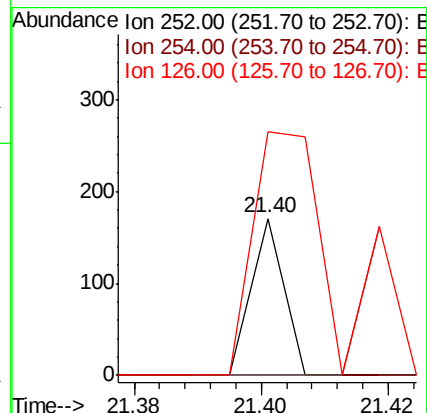
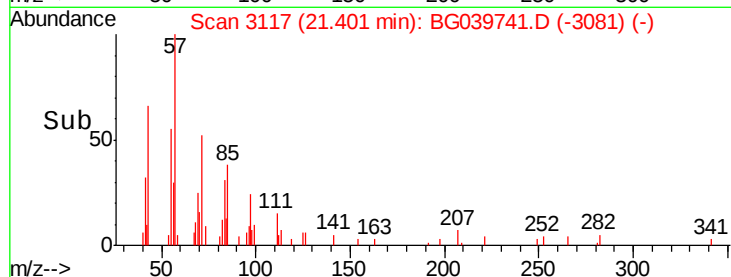
126 155.0 8.0 12.0#



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: 0.049 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.06 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

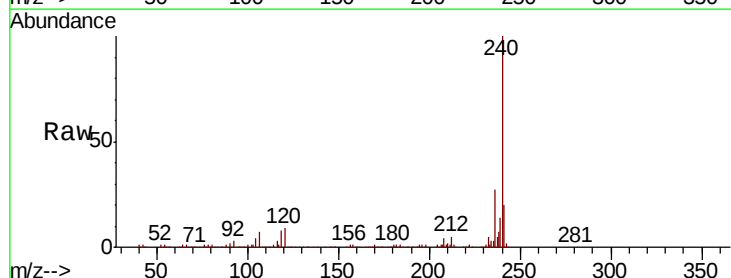
Tgt Ion:228 Resp: 1061

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

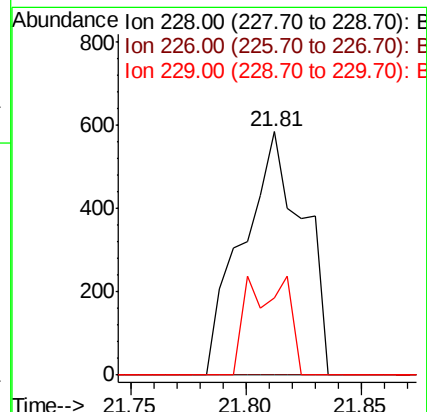
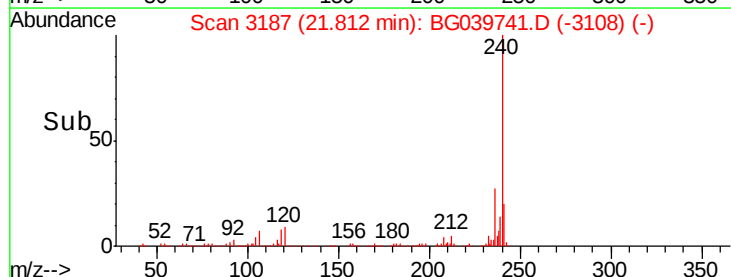
229 31.5 16.6 25.0#

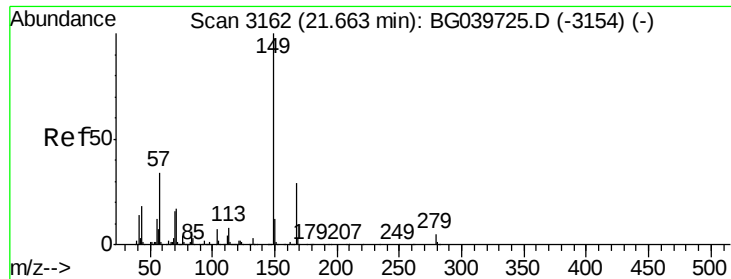


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

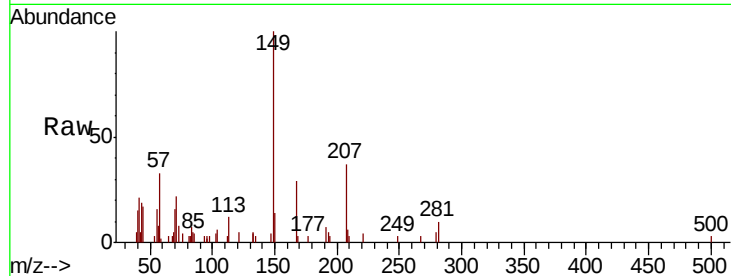




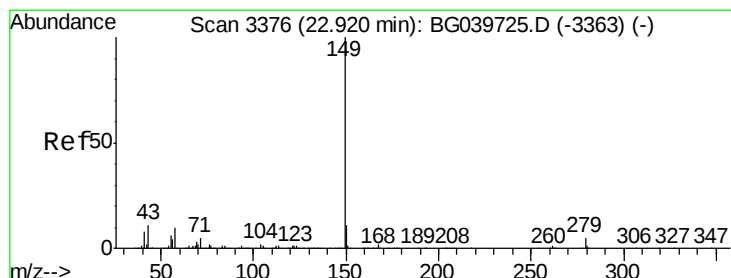
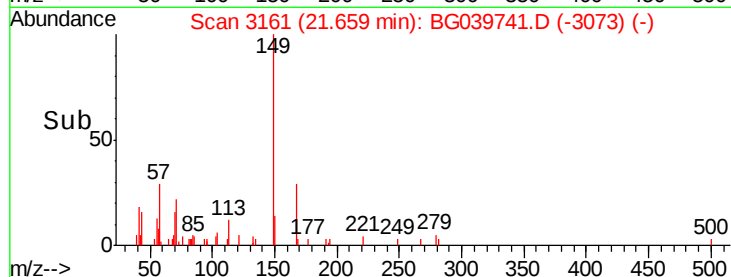
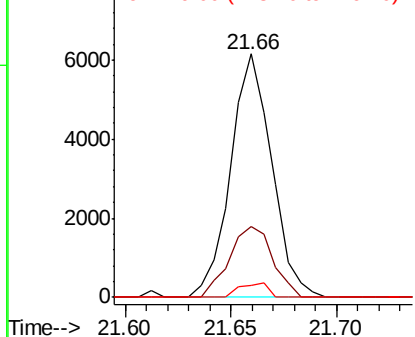
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.662 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

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

Tgt Ion:149 Resp: 8284
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.6 34.0
 279 4.7 3.5 5.3

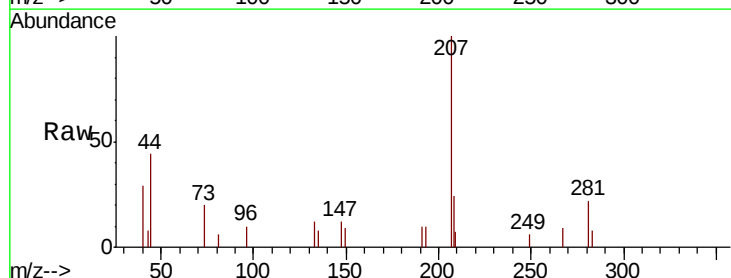


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

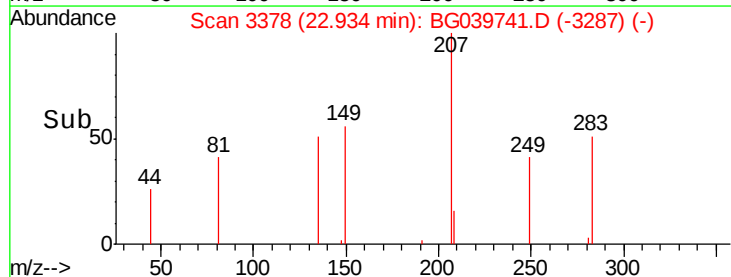
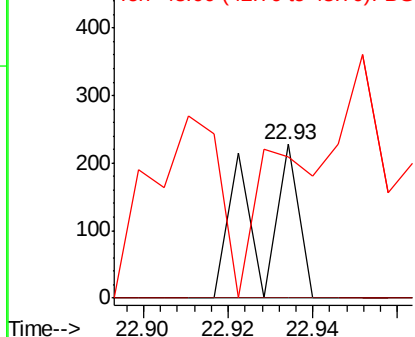


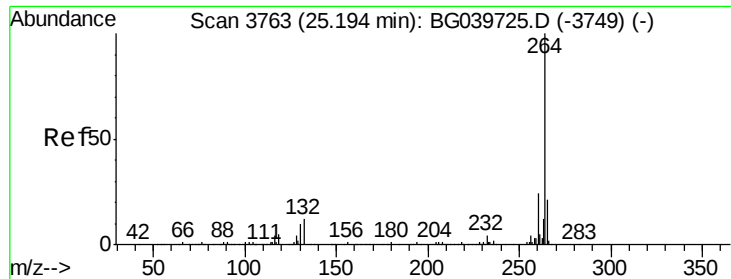
#85
 Di-n-octyl phthalate
 Concen: 0.008 ng
 RT: 22.93 min Scan# 3378
 Delta R.T. 0.01 min
 Lab File: BG039741.D
 Acq: 4 Mar 2019 21:27

Tgt Ion:149 Resp: 156
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 351.9 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: BG039741.D

Acq: 4 Mar 2019 21:27

Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

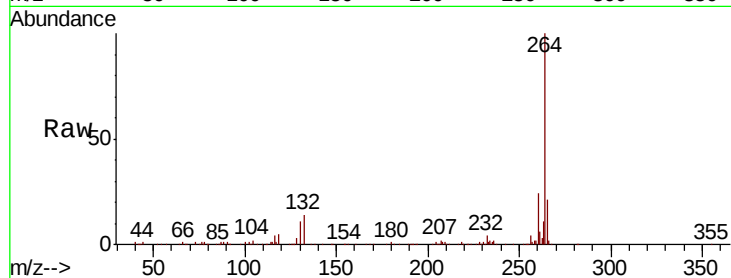
Tgt Ion:264 Resp: 356917

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

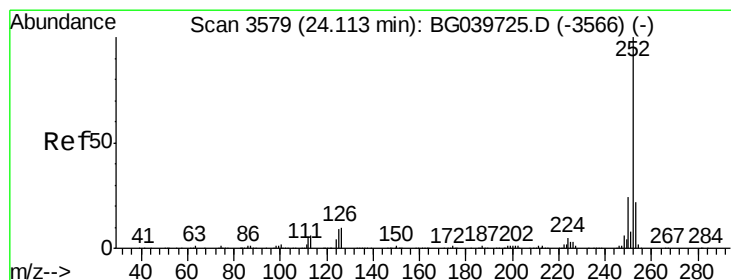
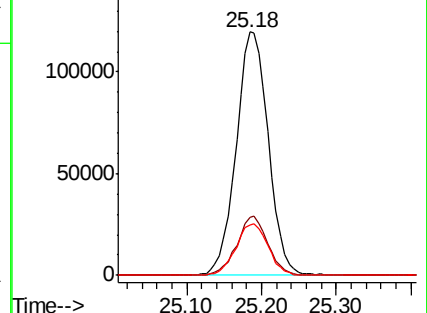
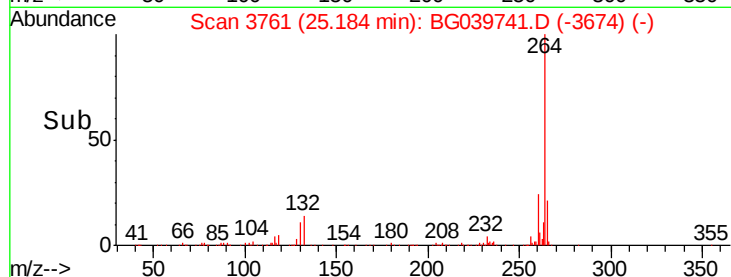
265 20.5 18.5 27.7



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



#88

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 24.11 min Scan# 3579

Delta R.T. -0.00 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

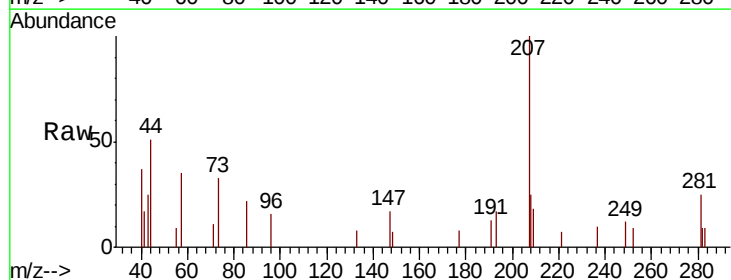
Tgt Ion:252 Resp: 70

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

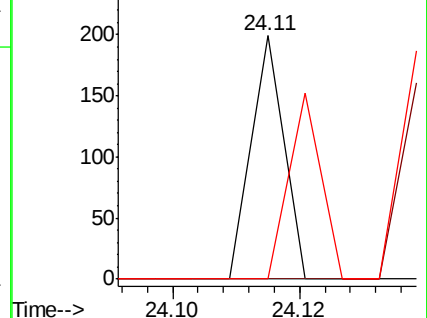
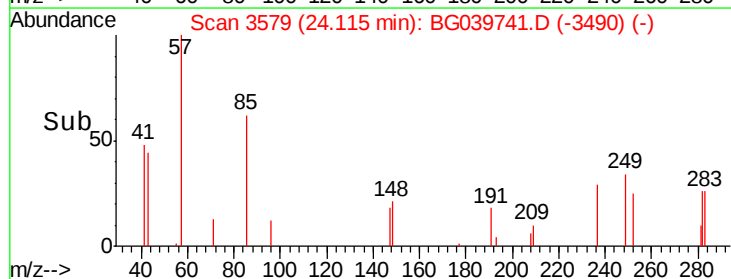
125 0.0 7.8 11.6#

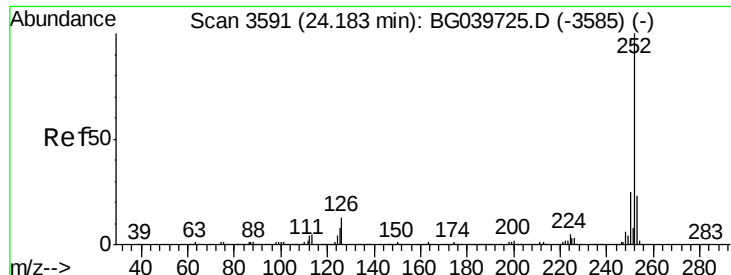


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

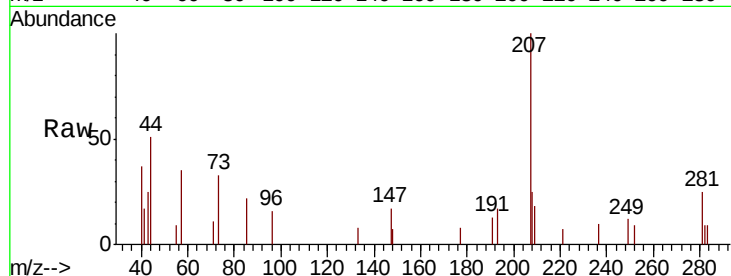




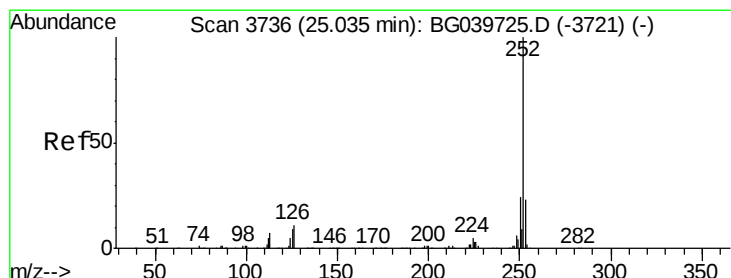
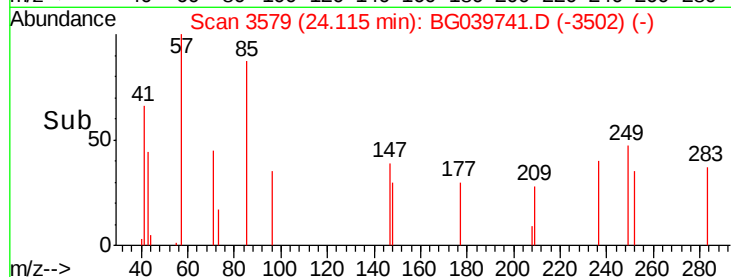
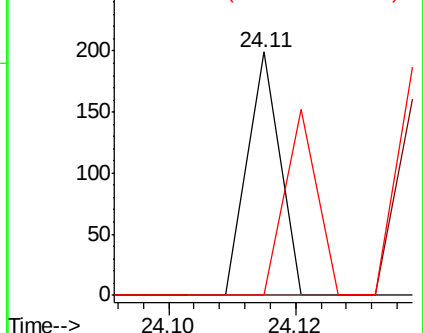
#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 24.11 min Scan# 3579
Delta R.T. -0.07 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

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

Tgt Ion:252 Resp: 70
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 7.4 11.2#

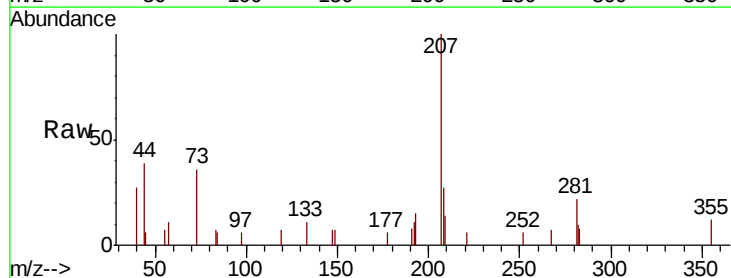


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

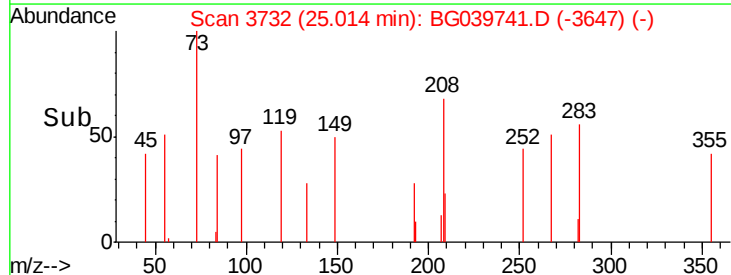
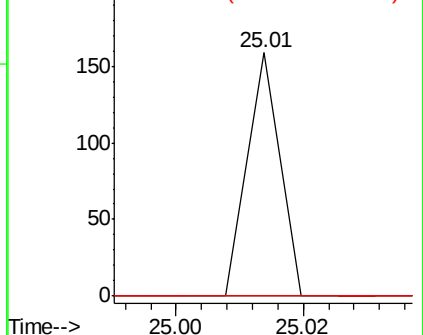


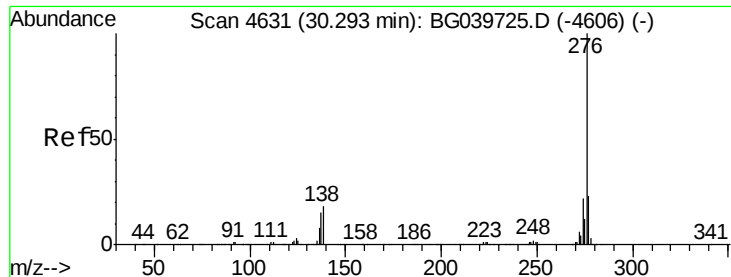
#90
Benzo(a)pyrene
Concen: 0.003 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG039741.D
Acq: 4 Mar 2019 21:27

Tgt Ion:252 Resp: 56
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 30.31 min Scan# 4633

Delta R.T. -0.00 min

Lab File: BG039741.D

Acq: 4 Mar 2019 21:27

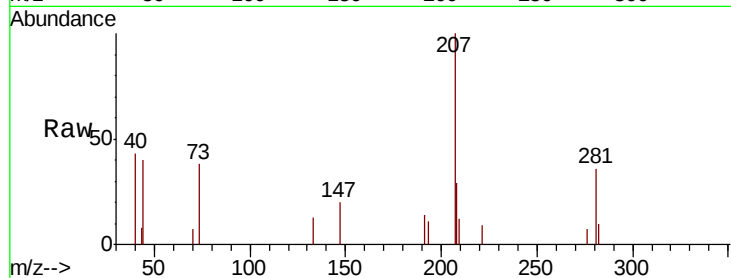
Instrument :

BNA_G

ClientSampleId :

SB-A-11-14

Tgt Ion:	276	Resp:	53
Ion Ratio	Lower	Upper	
276	100		
277	0.0	19.6	29.4#
138	0.0	14.7	22.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

