

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
 Data File : BG039777.D
 Acq On : 5 Mar 2019 23:24
 Operator : JU/SJ
 Sample : K1704-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719

Quant Time: Mar 06 00:45:45 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	41862	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	179362	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	128668	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	319716	20.00	ng	0.00
76) Chrysene-d12	21.82	240	317801	20.00	ng	-0.01
87) Perylene-d12	25.19	264	322451	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	389367	158.68	ng	0.00
7) Phenol-d6	7.31	99	584413	159.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	341866	103.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	242699	161.83	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	817278	90.44	ng	0.00
79) Terphenyl-d14	20.12	244	1247568	86.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	204	0.180	ng	# 73
3) Pyridine	3.66	79	63	0.021	ng	# 1
4) n-Nitrosodimethylamine	3.92	42	71	0.049	ng	# 1
6) Aniline	7.33	93	150	0.031	ng	# 1
8) 2-Chlorophenol	7.68	128	57	0.019	ng	# 1
9) Benzaldehyde	7.30	77	1022	0.433	ng	# 4
10) Phenol	7.33	94	11647	2.938	ng	# 81
11) bis(2-Chloroethyl)ether	7.69	93	660	0.214	ng	# 1
12) 1,3-Dichlorobenzene	8.48	146	58	0.017	ng	# 1
13) 1,4-Dichlorobenzene	8.48	146	58	0.017	ng	# 1
14) 1,2-Dichlorobenzene	8.48	146	58	0.018	ng	# 1
15) Benzyl Alcohol	8.48	79	5422	1.868	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	8.41	45	56	0.009	ng	# 75
19) n-Nitroso-di-n-propylamine	9.33	70	44136	16.760	ng	# 71
22) Acetophenone	8.49	105	54	0.011	ng	# 1
24) Nitrobenzene	9.33	77	979	0.281	ng	# 36
46) 1,1'-Biphenyl	13.61	154	1245	0.118	ng	# 62
48) 2-Nitroaniline	14.23	65	424	0.166	ng	# 1
50) Dimethylphthalate	14.23	163	54670	5.081	ng	# 96
51) 2,6-Dinitrotoluene	14.78	165	16024	7.025	ng	# 23
52) Acenaphthene	14.78	154	575	0.073	ng	# 5
55) Dibenzofuran	15.17	168	58	0.004	ng	# 45
57) 2,4-Dinitrotoluene	14.78	165	16024	5.000	ng	# 18
58) Fluorene	16.26	166	10801	1.065	ng	# 88
60) Diethylphthalate	15.58	149	447	0.042	ng	# 58
62) 4-Nitroaniline	15.99	138	60	0.024	ng	# 10
63) Azobenzene	16.17	77	53	0.005	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.26	198	892	0.472	ng	# 1
66) n-Nitrosodiphenylamine	16.27	169	10279	1.111	ng	# 47
67) 4-Bromophenyl-phenylether	16.27	248	19004	5.310	ng	# 1
71) Phenanthrene	17.57	178	587	0.033	ng	# 36
72) Anthracene	17.57	178	587	0.034	ng	# 35
74) Di-n-butylphthalate	18.46	149	2070	0.114	ng	# 77
75) Fluoranthene	19.57	202	677	0.033	ng	# 63

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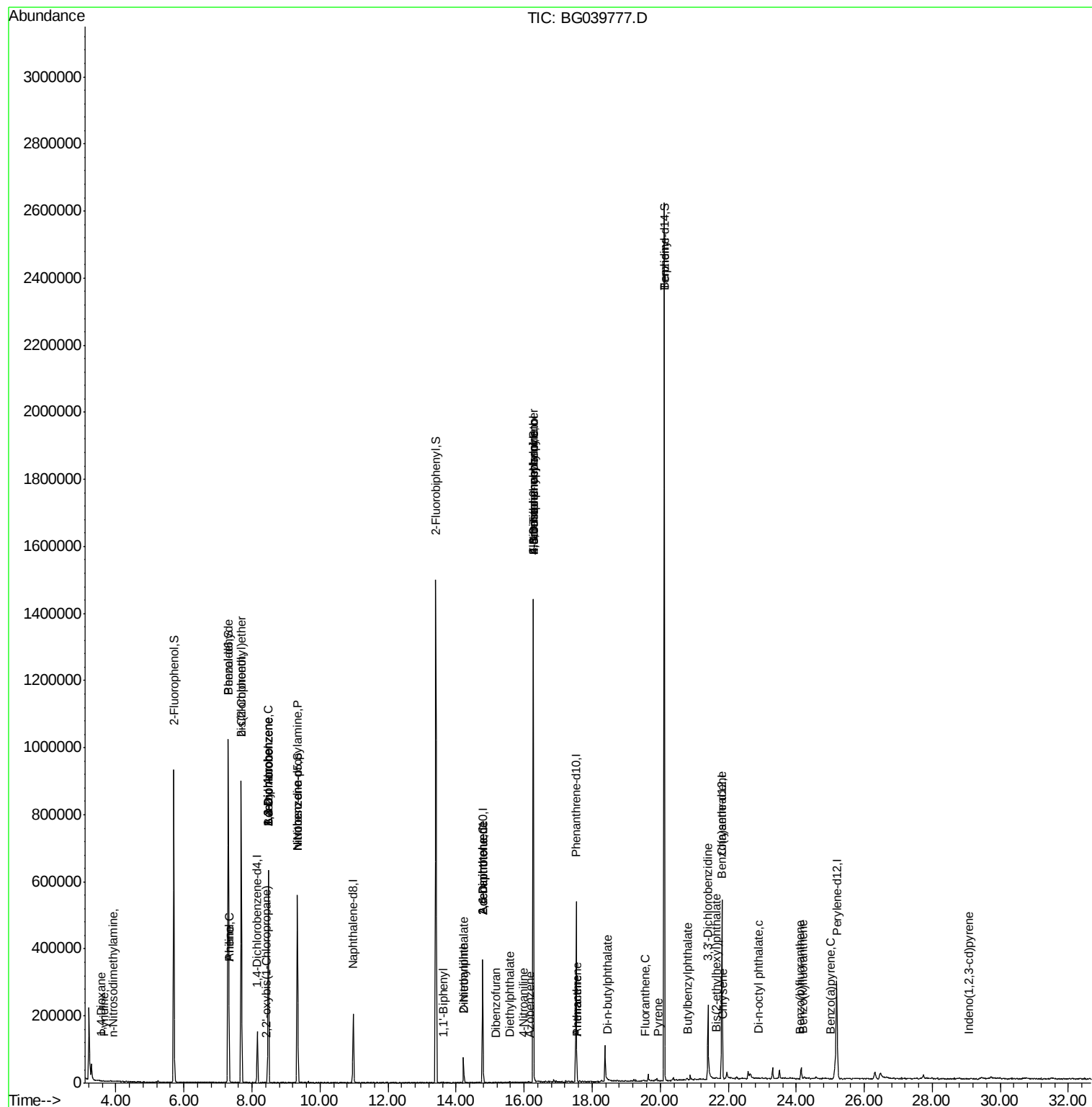
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Benzidine	20.12	184	21636	2.145	ng	# 88
78) Pyrene	19.94	202	662	0.032	ng	# 55
80) Butylbenzylphthalate	20.80	149	294	0.037	ng	# 22
81) Benzo(a)anthracene	21.80	228	1389	0.070	ng	# 65
82) 3,3'-Dichlorobenzidine	21.41	252	55	0.008	ng	# 1
83) Chrysene	21.84	228	234	0.012	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.66	149	1609	0.143	ng	# 83
85) Di-n-octyl phthalate	22.91	149	131	0.007	ng	# 1
86) Indeno(1,2,3-cd)pyrene	29.06	276	54	0.002	ng	# 54
88) Benzo(b)fluoranthene	24.10	252	143	0.007	ng	# 60
89) Benzo(k)fluoranthene	24.21	252	57	0.003	ng	# 59
90) Benzo(a)pyrene	25.01	252	179	0.010	ng	# 59

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

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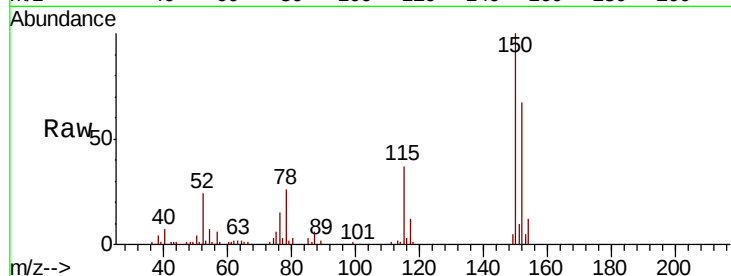


#1

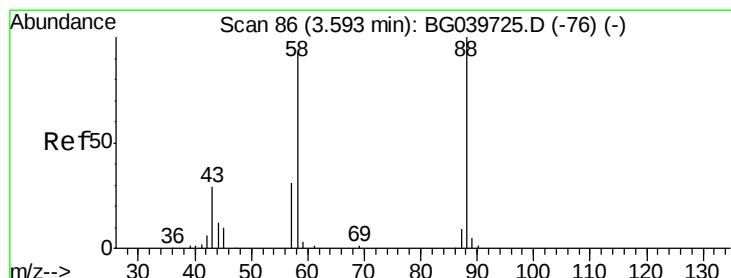
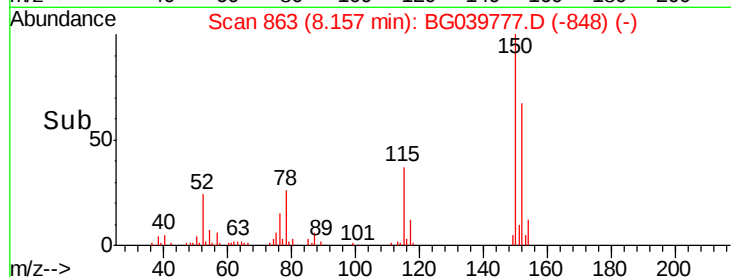
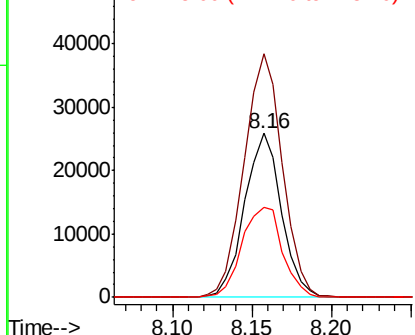
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion:152 Resp: 41862
Ion Ratio Lower Upper
152 100
150 148.3 123.7 185.5
115 54.6 45.9 68.9



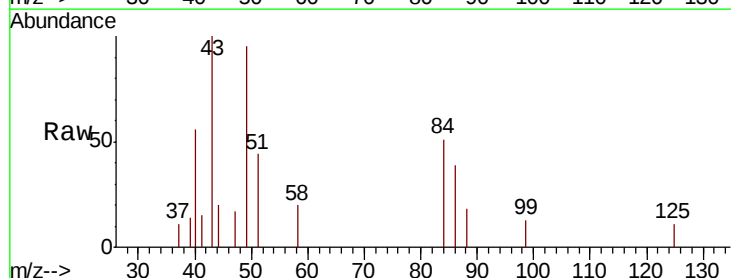
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



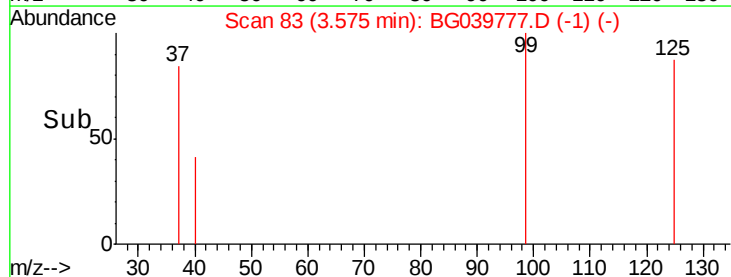
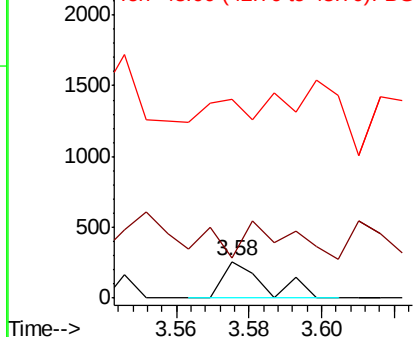
#2

1,4-Dioxane
Concen: 0.180 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion: 88 Resp: 204
Ion Ratio Lower Upper
88 100
58 114.2 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





#3

Pyridine

Concen: 0.021 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.35 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

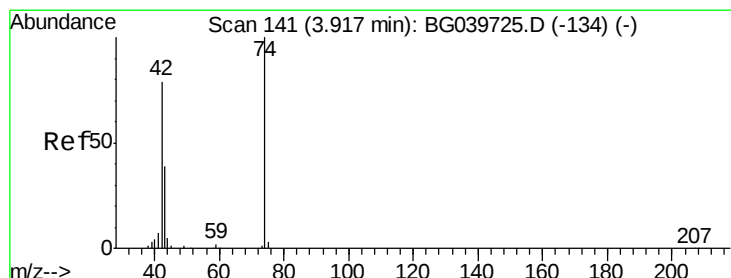
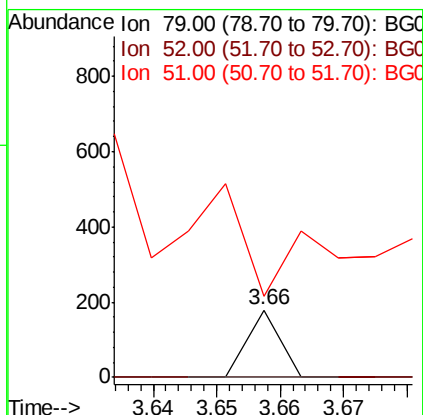
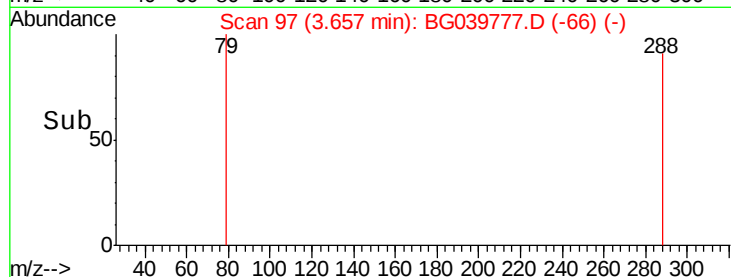
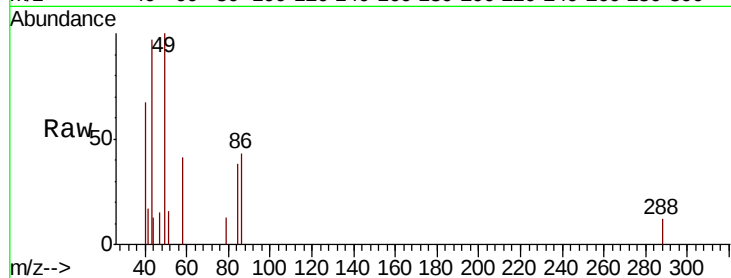
Tgt Ion: 79 Resp: 63

Ion Ratio Lower Upper

79 100

52 0.0 82.6 124.0#

51 119.4 37.5 56.3#



#4

n-Nitrosodimethylamine

Concen: 0.049 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

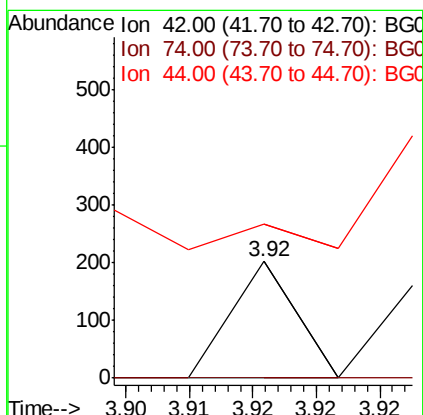
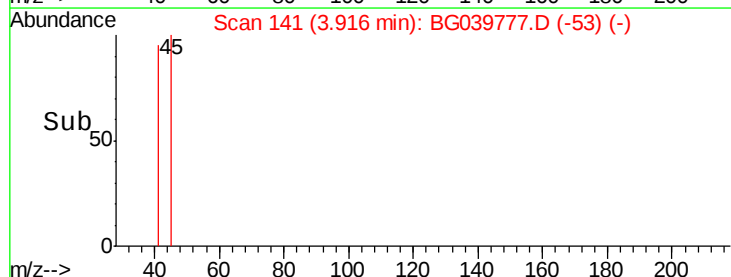
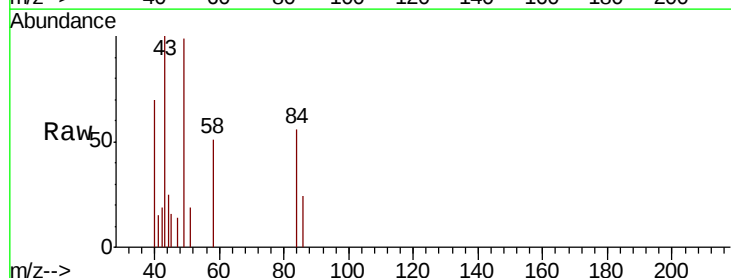
Tgt Ion: 42 Resp: 71

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 132.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 158.679 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

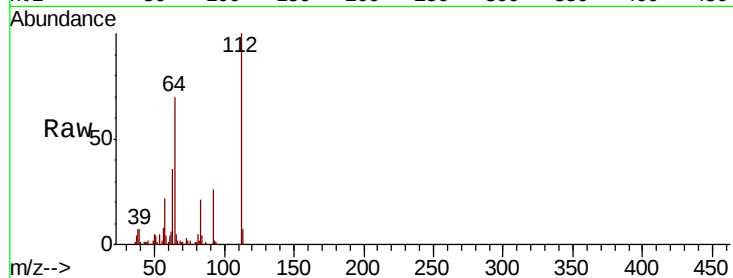
Tgt Ion: 112 Resp: 389367

Ion Ratio Lower Upper

112 100

64 69.5 57.8 86.8

63 35.8 29.8 44.6

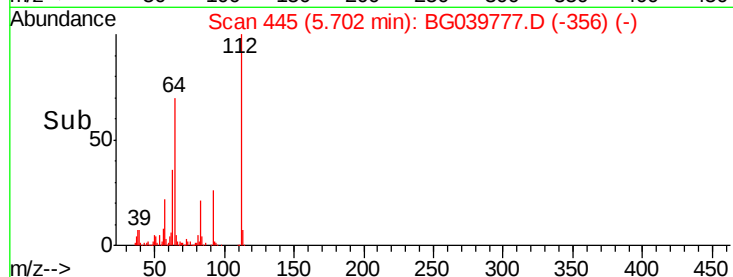


Abundance Ion 112.00 (111.70 to 112.70): BGC

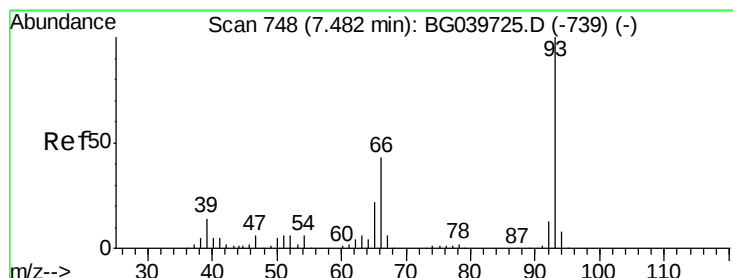
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



Time-->



#6

Aniline

Concen: 0.031 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.17 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

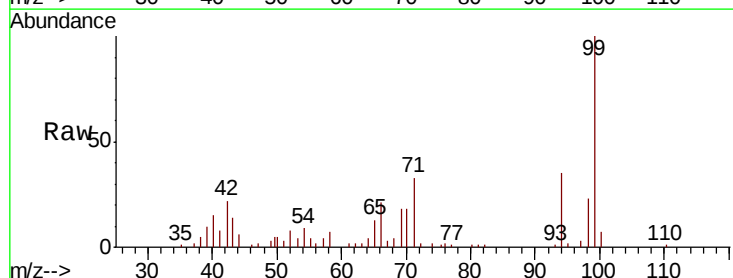
Tgt Ion: 93 Resp: 150

Ion Ratio Lower Upper

93 100

66 1736.1 34.2 51.4#

65 1110.9 17.7 26.5#

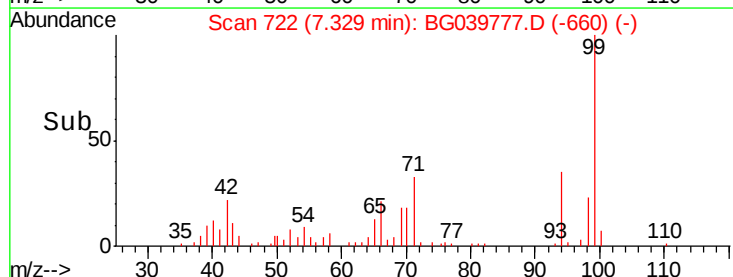


Abundance Ion 93.00 (92.70 to 93.70): BGC

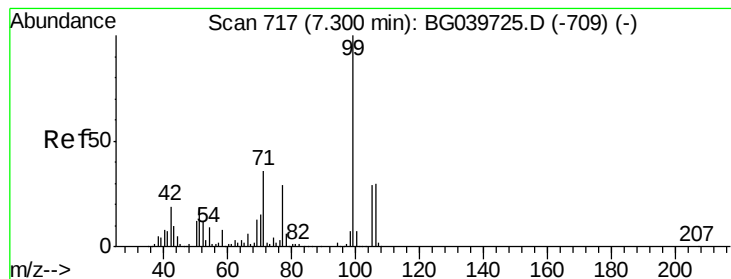
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->



Time-->



#7

Phenol-d6

Concen: 159.730 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

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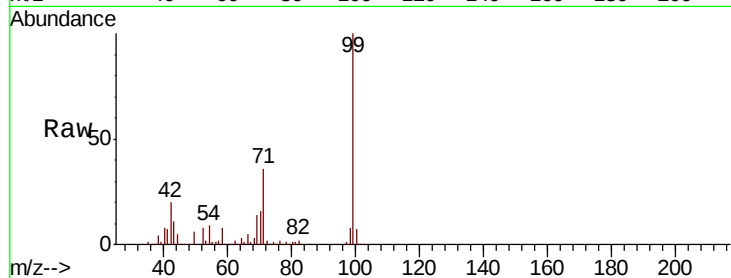
Tgt Ion: 99 Resp: 584413

Ion Ratio Lower Upper

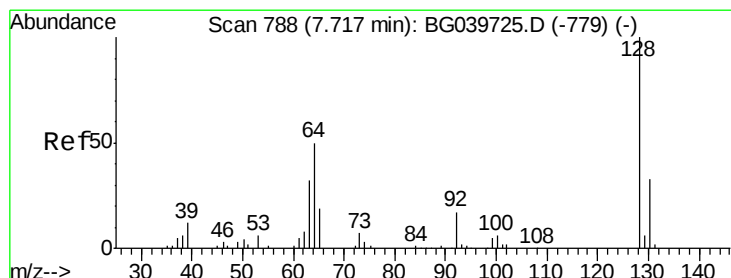
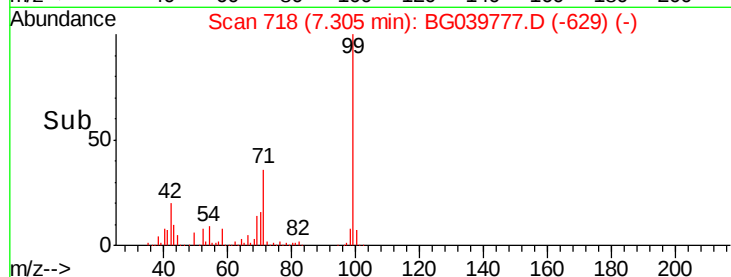
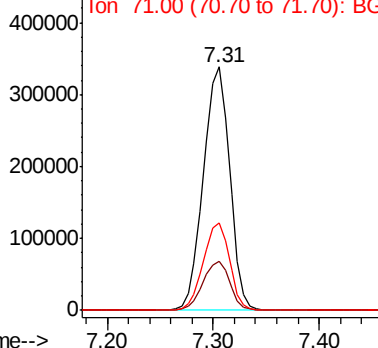
99 100

42 20.0 18.2 27.2

71 36.2 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: 0.019 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.05 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

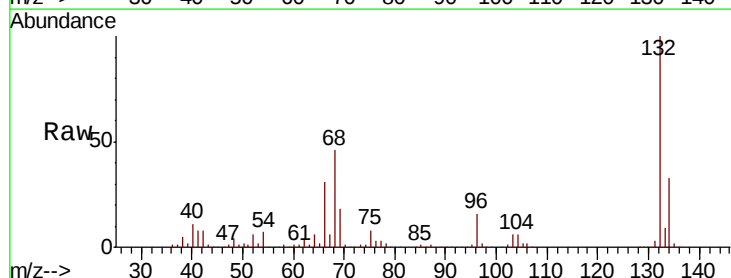
Tgt Ion: 128 Resp: 57

Ion Ratio Lower Upper

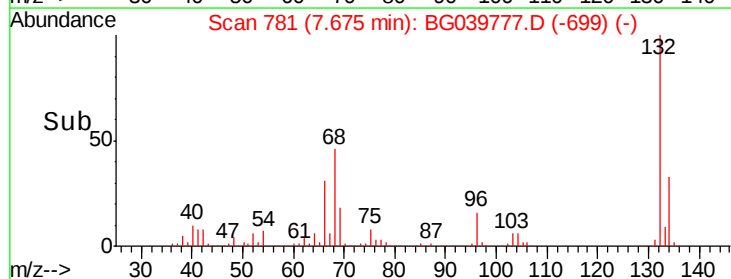
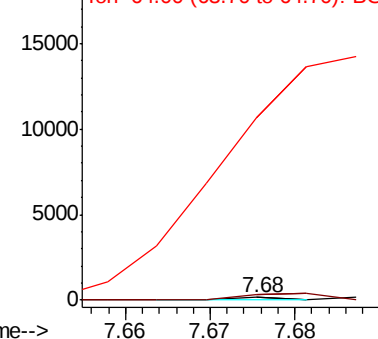
128 100

130 180.7 12.9 52.9#

64 6624.8 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): BGC





#9

Benzaldehyde

Concen: 0.433 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039777.D

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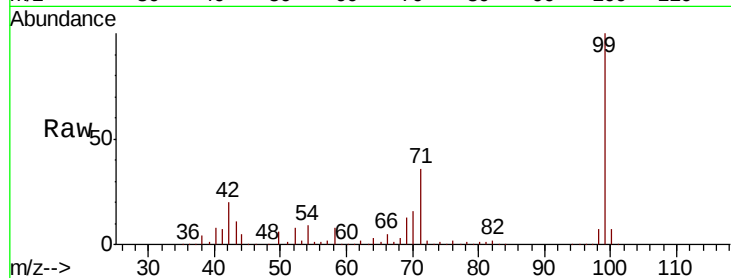
Tgt Ion: 77 Resp: 1022

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

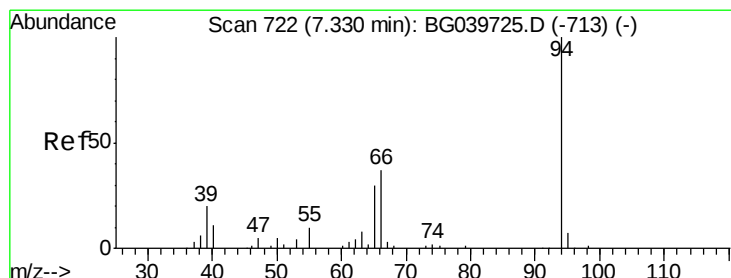
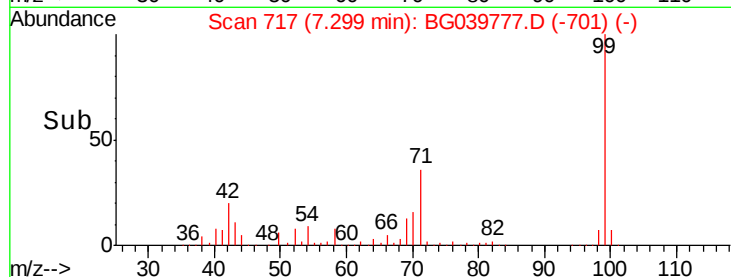
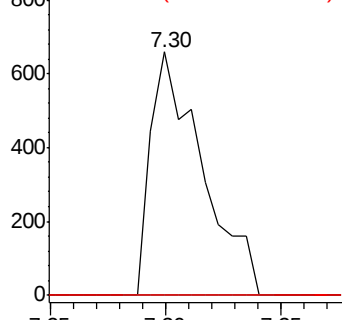
106 0.0 68.0 108.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 2.938 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

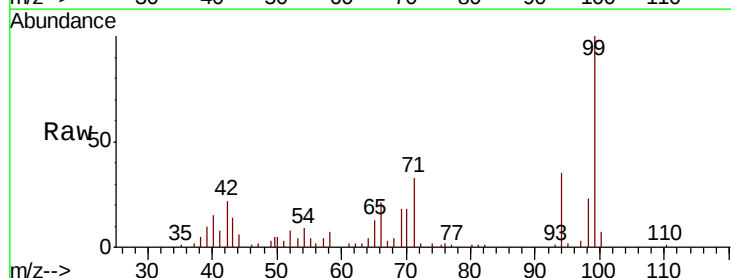
Tgt Ion: 94 Resp: 11647

Ion Ratio Lower Upper

94 100

65 38.3 11.7 51.7

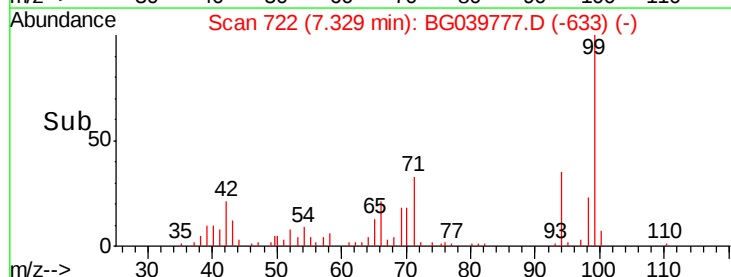
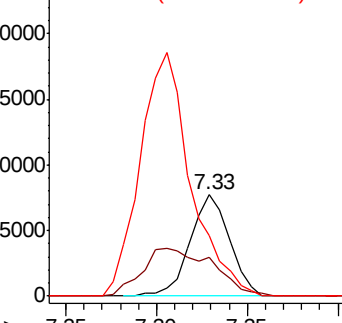
66 59.8 23.7 63.7



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

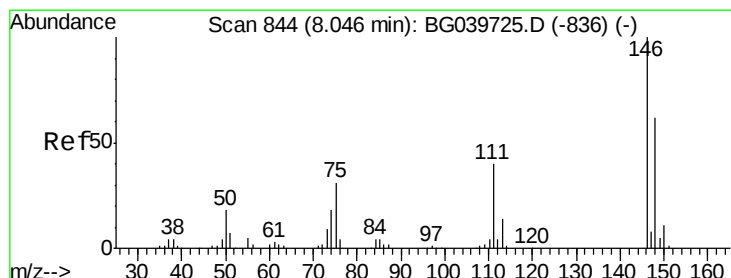
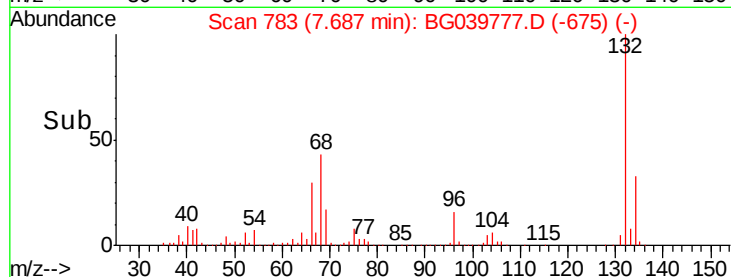
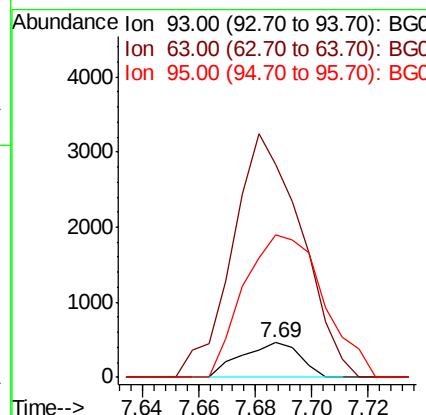
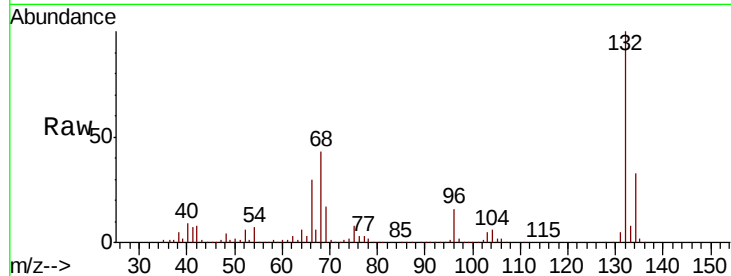




#11
bis(2-Chloroethyl)ether
Concen: 0.214 ng
RT: 7.69 min Scan# 783
Delta R.T. 0.10 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

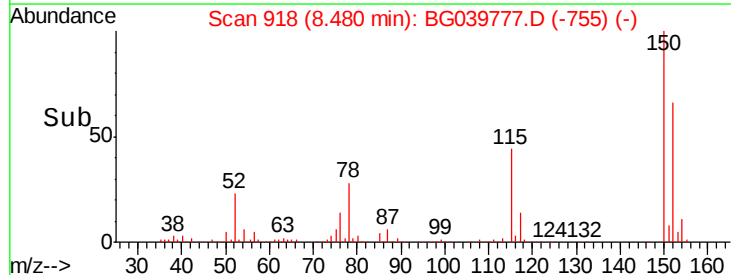
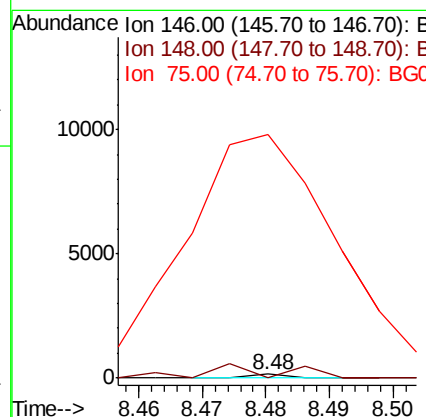
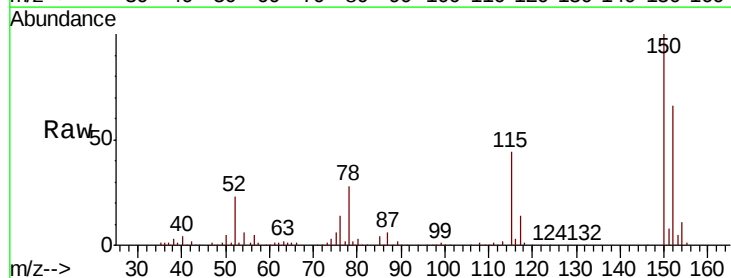
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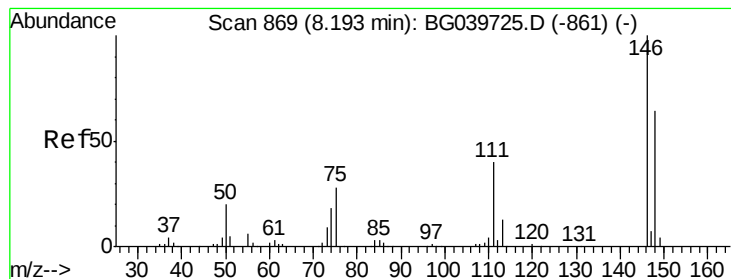
Tgt Ion: 93 Resp: 660
Ion Ratio Lower Upper
93 100
63 613.4 69.5 109.5#
95 410.8 12.7 52.7#



#12
1,3-Dichlorobenzene
Concen: 0.017 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.43 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion: 146 Resp: 58
Ion Ratio Lower Upper
146 100
148 0.0 52.6 79.0#
75 5971.3 25.8 38.6#





#13

1,4-Dichlorobenzene

Concen: 0.017 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.28 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

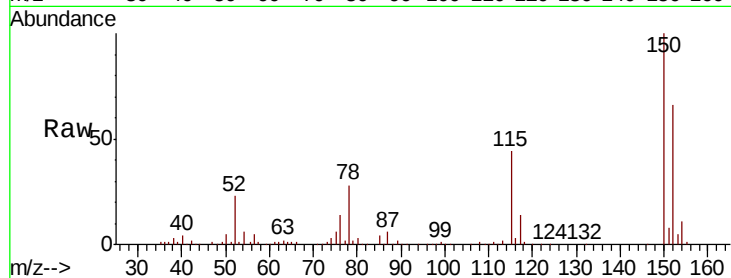
Tgt Ion:146 Resp: 58

Ion Ratio Lower Upper

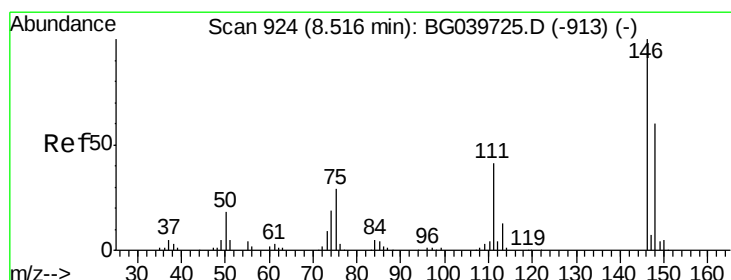
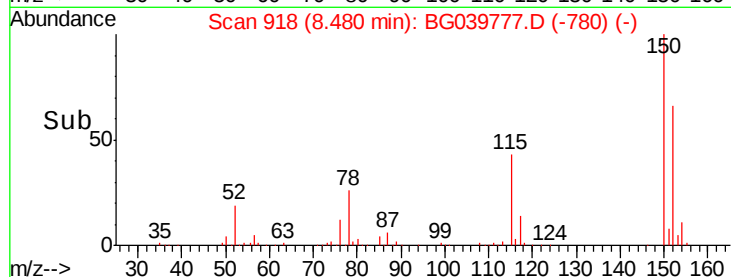
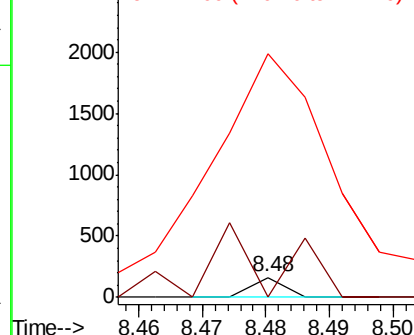
146 100

148 0.0 51.1 76.7#

111 1211.0 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: BG039777.D

Acq: 5 Mar 2019 23:24

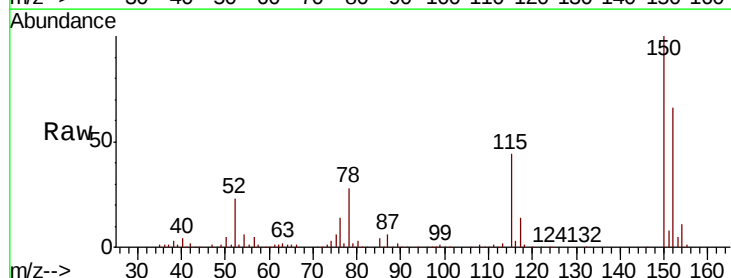
Tgt Ion:146 Resp: 58

Ion Ratio Lower Upper

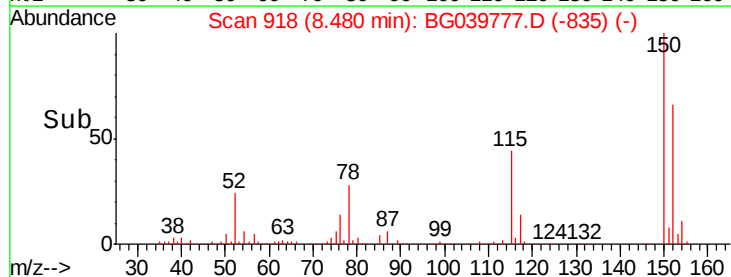
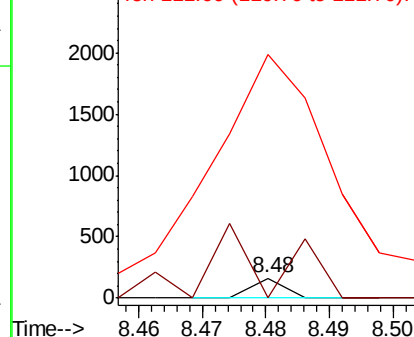
146 100

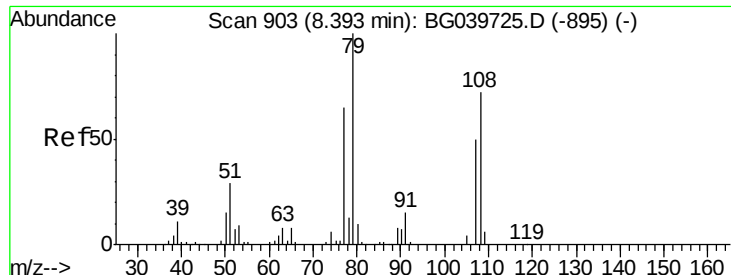
148 0.0 51.5 77.3#

111 1211.0 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: 1.868 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.08 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

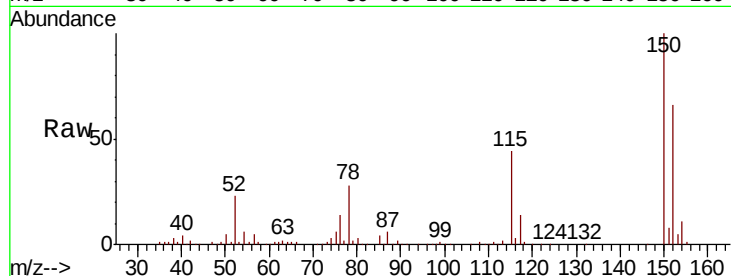
Tgt Ion: 79 Resp: 5422

Ion Ratio Lower Upper

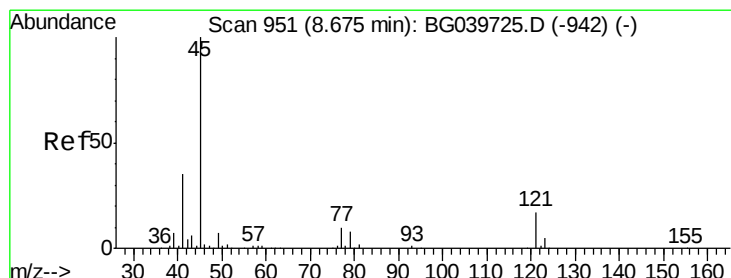
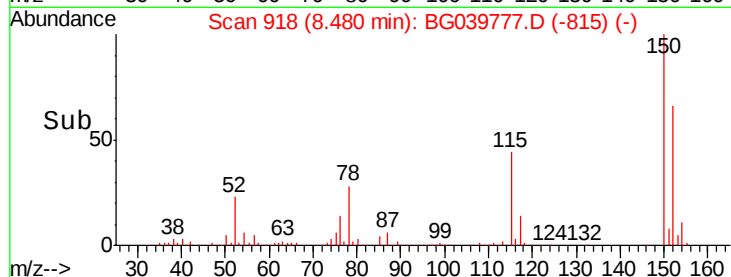
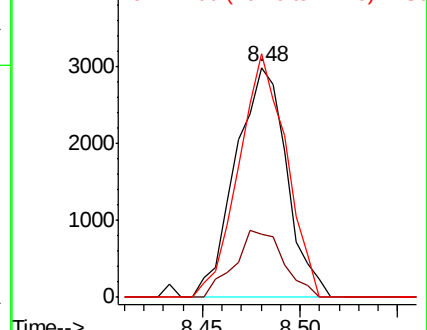
79 100

108 27.6 57.8 86.6#

77 105.9 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: 0.009 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.27 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

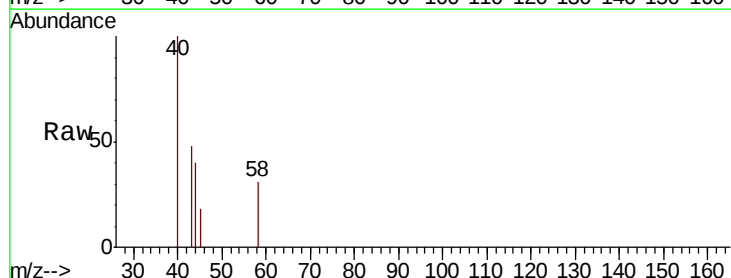
Tgt Ion: 45 Resp: 56

Ion Ratio Lower Upper

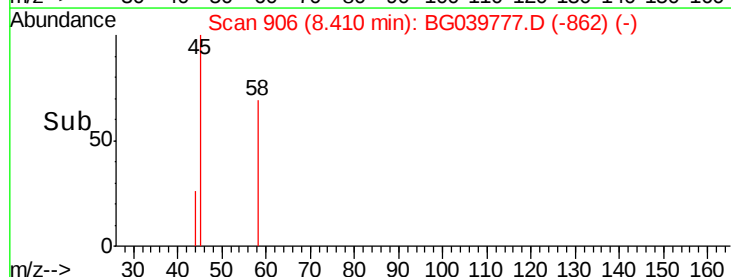
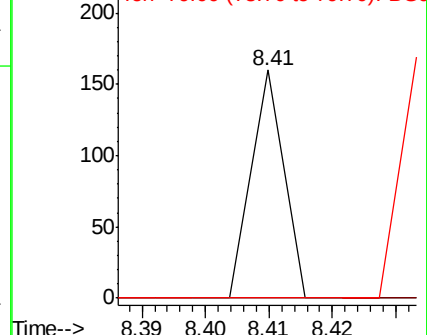
45 100

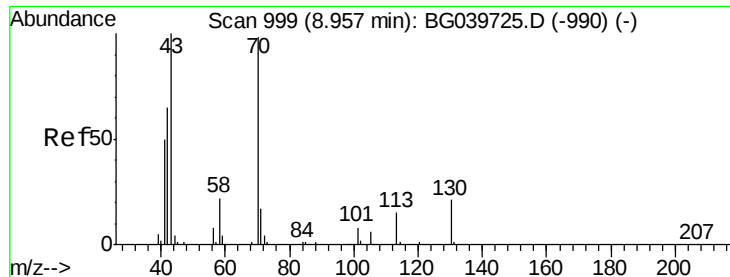
77 0.0 0.0 30.0

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

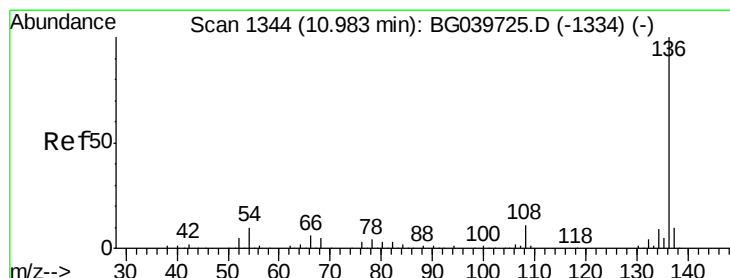
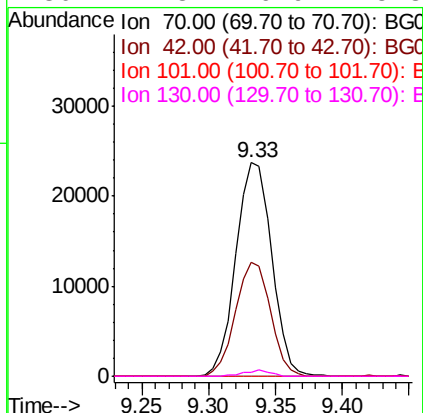
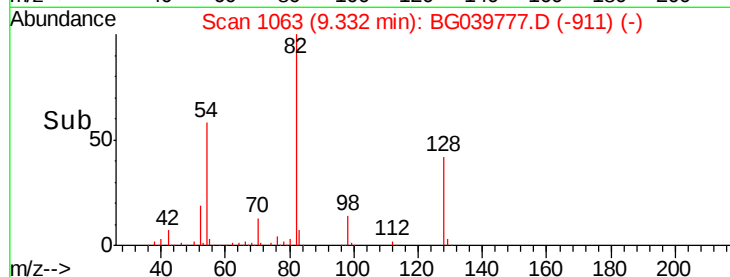
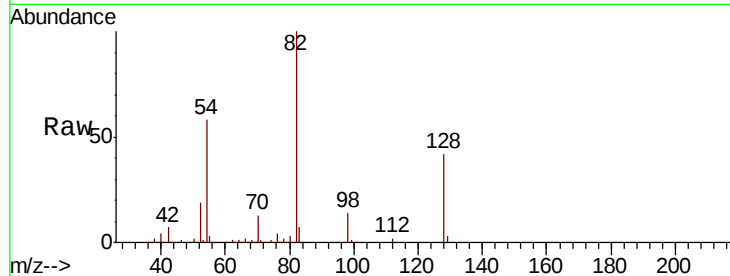




#19
n-Nitroso-di-n-propylamine
Concen: 16.760 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

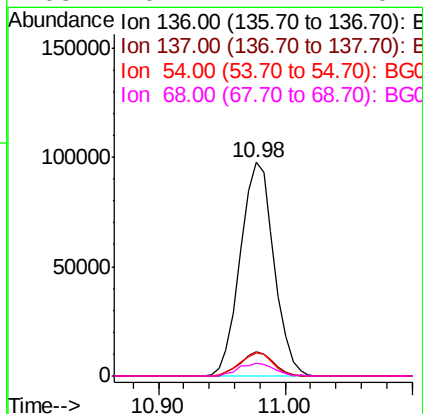
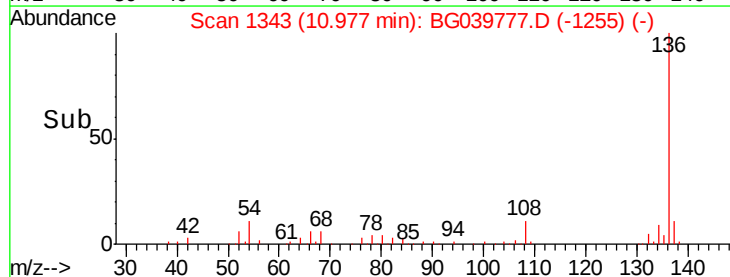
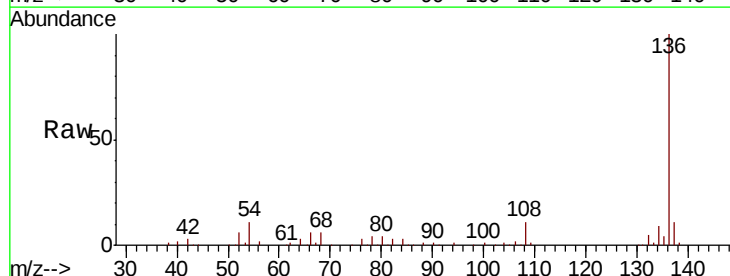
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

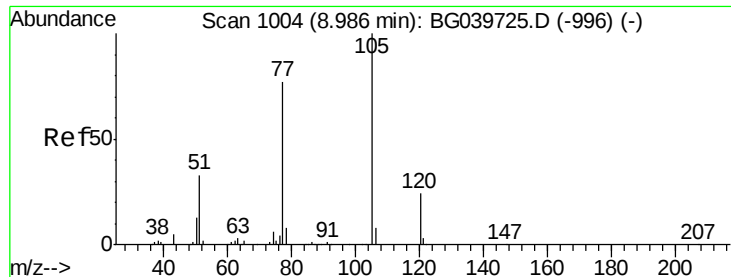
Tgt Ion: 70 Resp: 44136
Ion Ratio Lower Upper
70 100
42 53.2 60.4 90.6#
101 0.0 7.5 11.3#
130 1.8 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion: 136 Resp: 179362
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.8 9.4 14.2
68 6.2 4.2 6.4

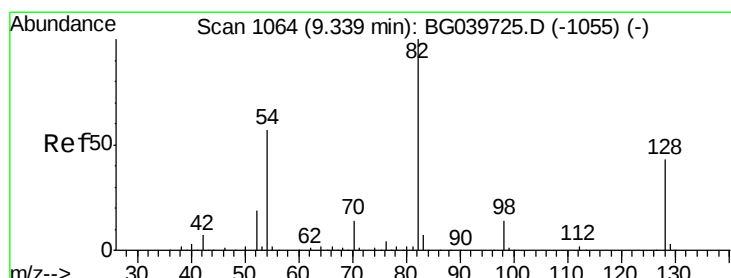
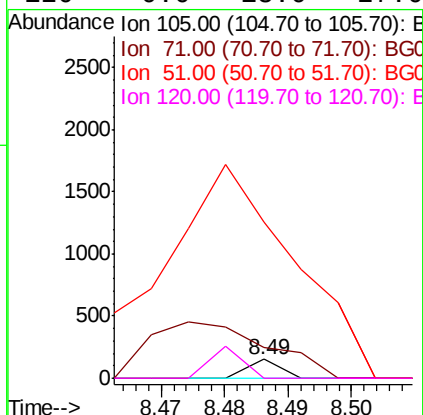
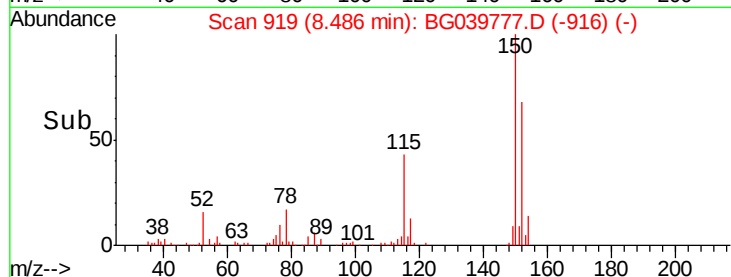
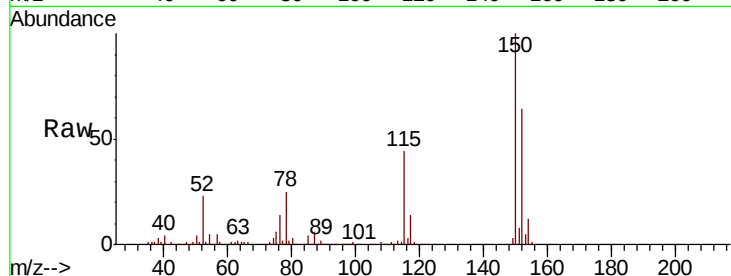




#22
Acetophenone
Concen: 0.011 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.51 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

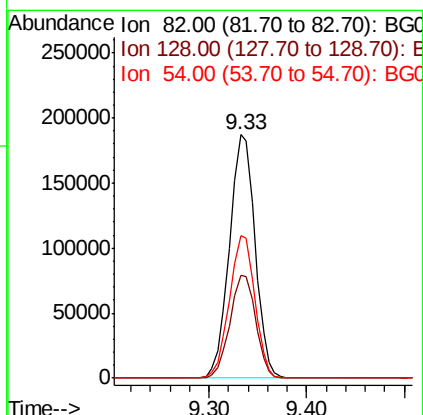
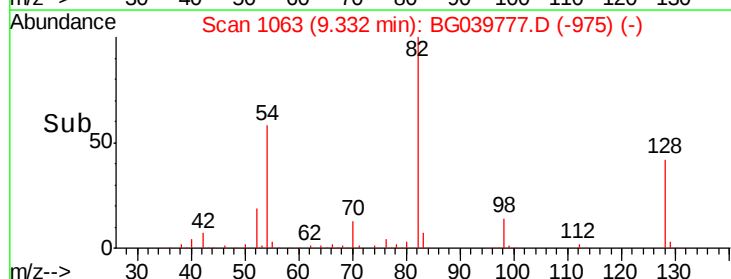
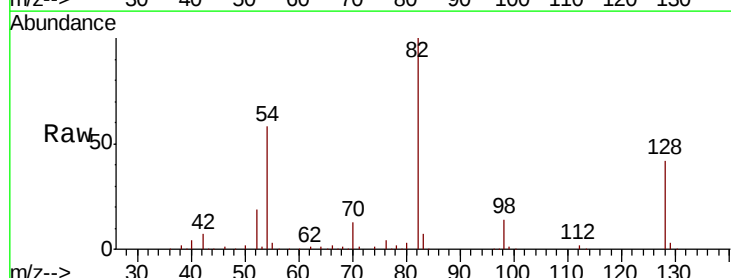
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

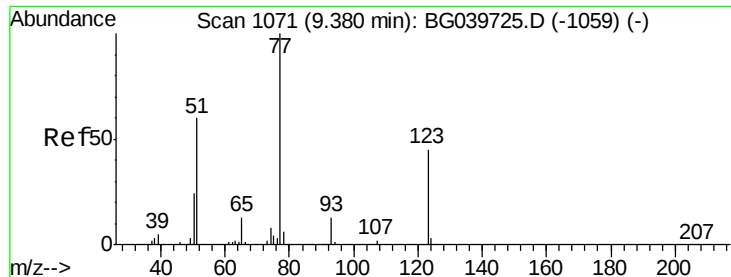
Tgt Ion: 105 Resp: 54
Ion Ratio Lower Upper
105 100
71 163.6 0.8 1.2#
51 814.3 30.2 45.2#
120 0.0 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 103.085 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion: 82 Resp: 341866
Ion Ratio Lower Upper
82 100
128 42.5 31.3 46.9
54 58.3 50.9 76.3

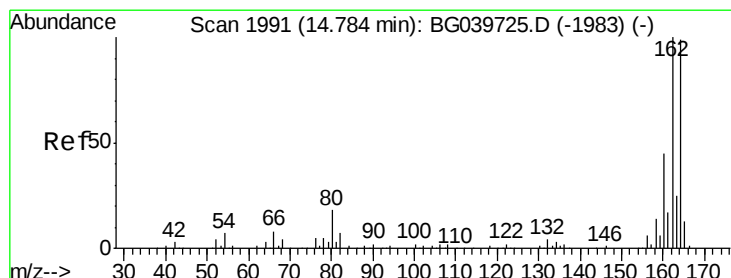
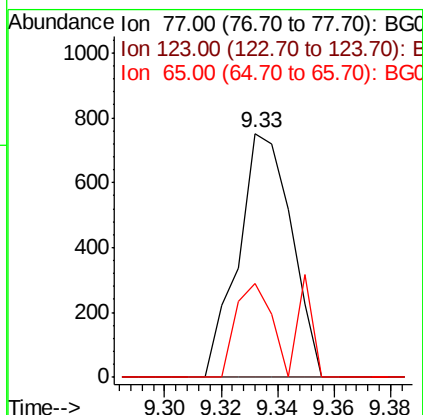
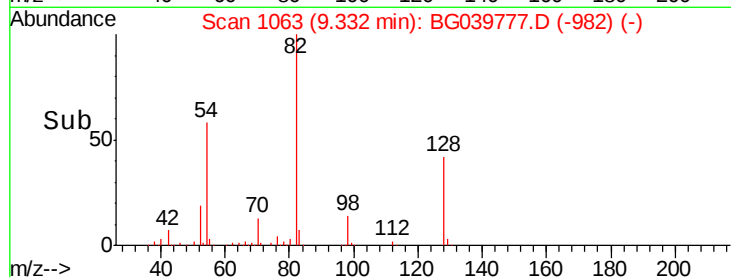
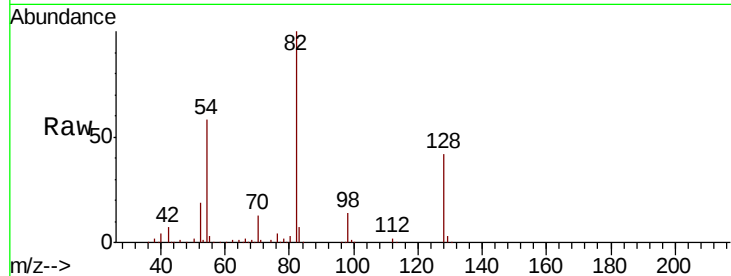




#24
Nitrobenzene
Concen: 0.281 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.05 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

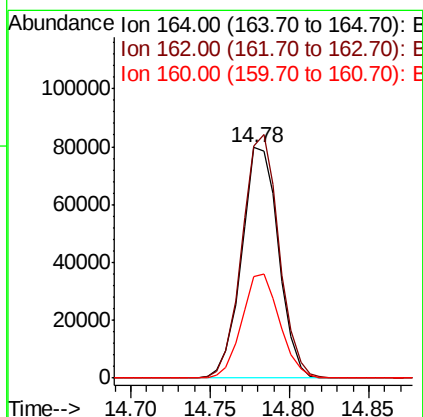
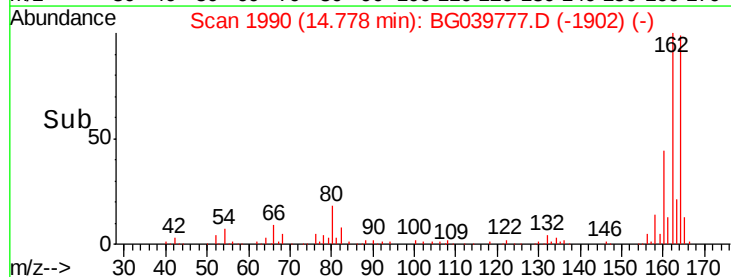
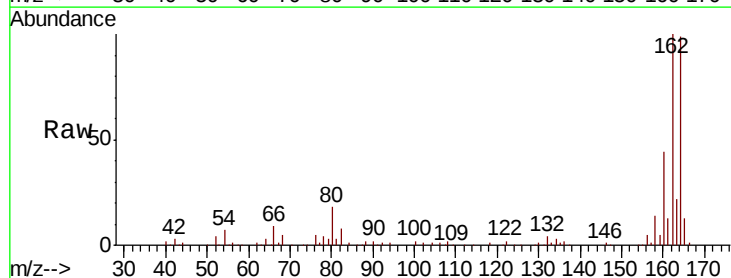
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

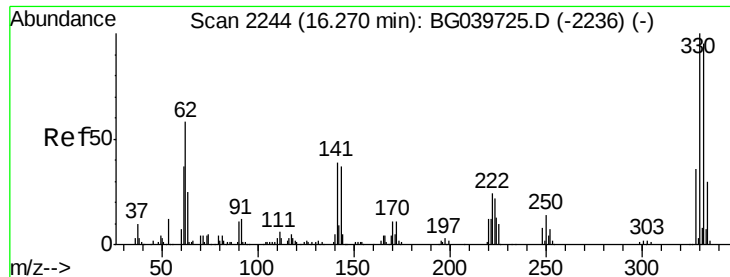
Tgt Ion: 77 Resp: 979
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 38.3 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion: 164 Resp: 128668
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 44.0 34.2 51.2

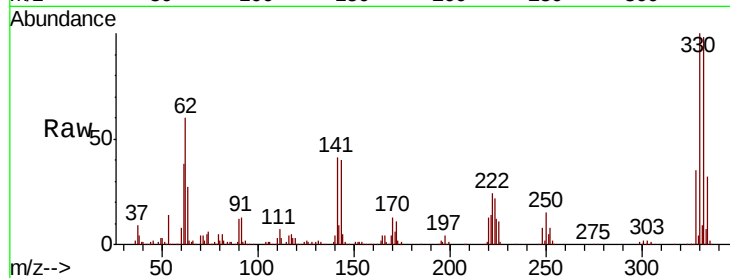




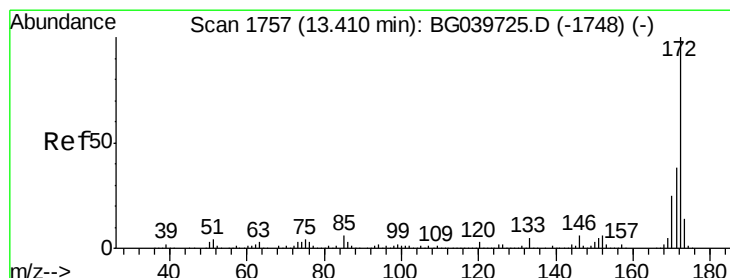
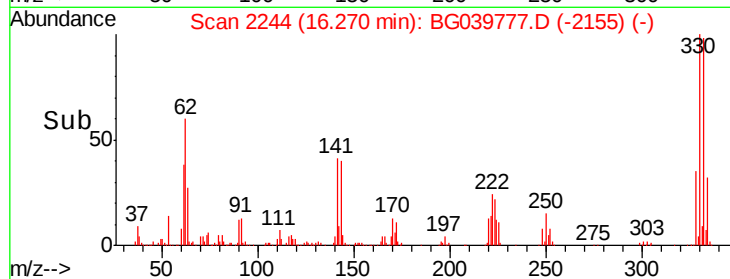
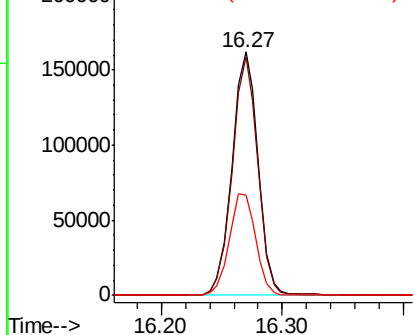
#42
 2,4,6-Tribromophenol
 Concen: 161.829 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719

Tgt Ion:330 Resp: 242699
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.7 113.5
 141 42.6 35.6 53.4

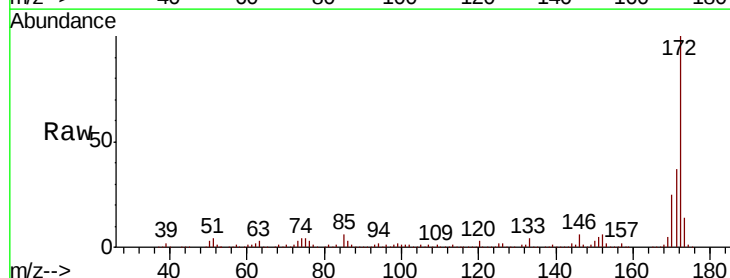


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

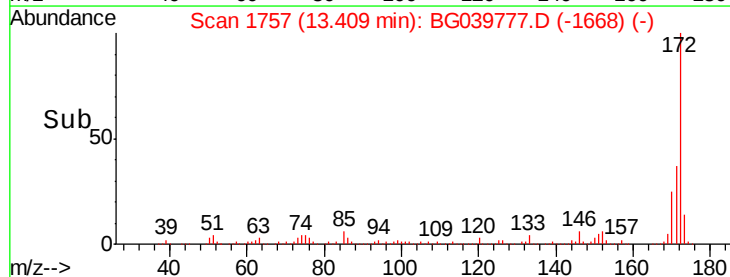
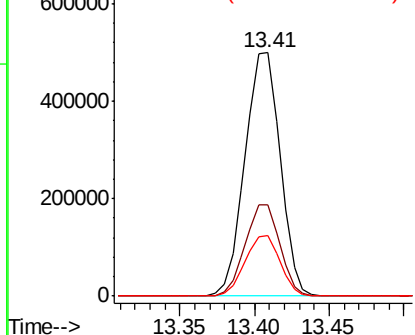


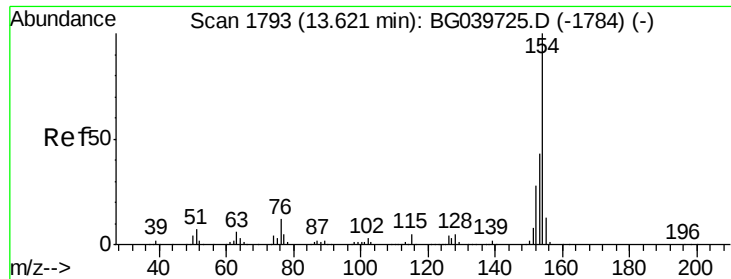
#45
 2-Fluorobiphenyl
 Concen: 90.439 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

Tgt Ion:172 Resp: 817278
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 24.6 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

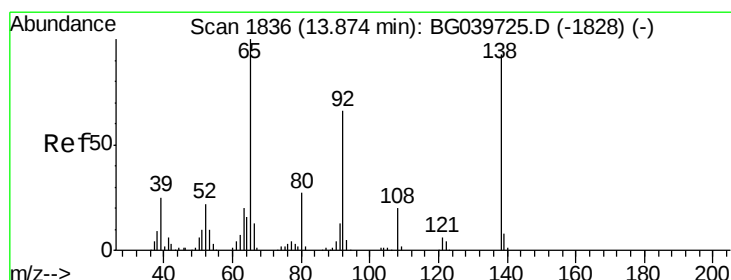
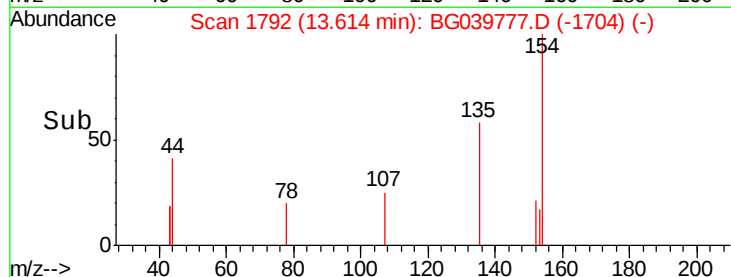
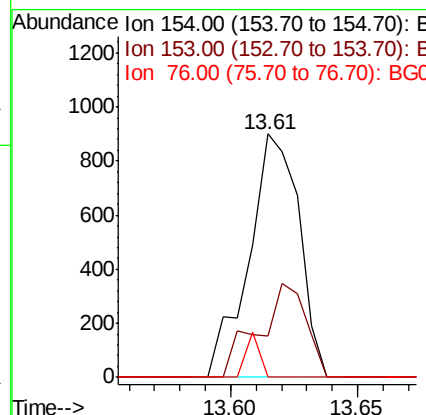
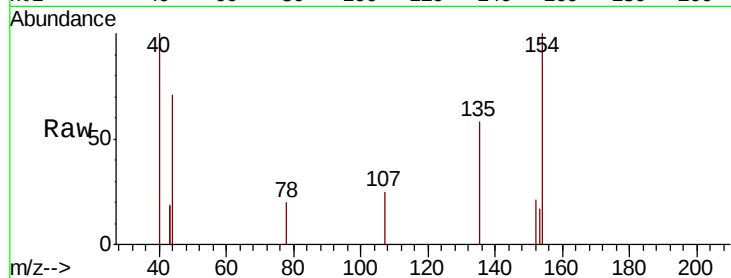




#46
1,1'-Biphenyl
Concen: 0.118 ng
RT: 13.61 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

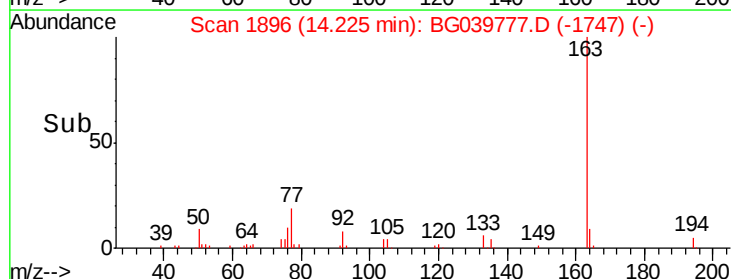
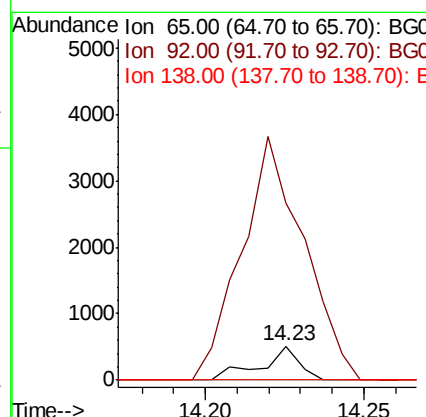
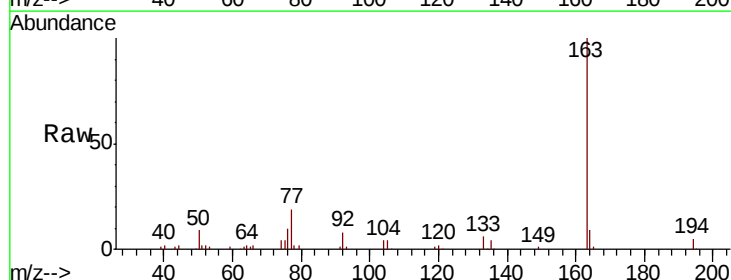
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

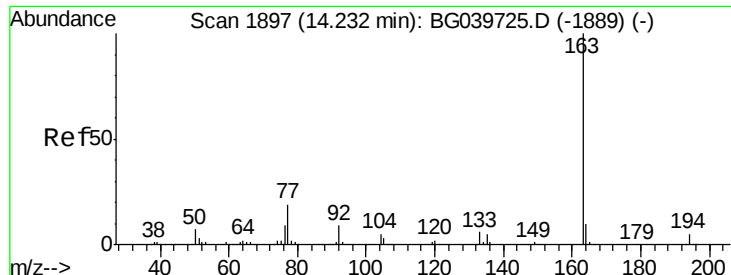
Tgt Ion: 154 Resp: 1245
Ion Ratio Lower Upper
154 100
153 17.2 22.1 62.1#
76 0.0 0.0 32.4



#48
2-Nitroaniline
Concen: 0.166 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.35 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion: 65 Resp: 424
Ion Ratio Lower Upper
65 100
92 522.1 51.4 77.2#
138 0.0 71.4 107.2#





#50

Dimethylphthalate

Concen: 5.081 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

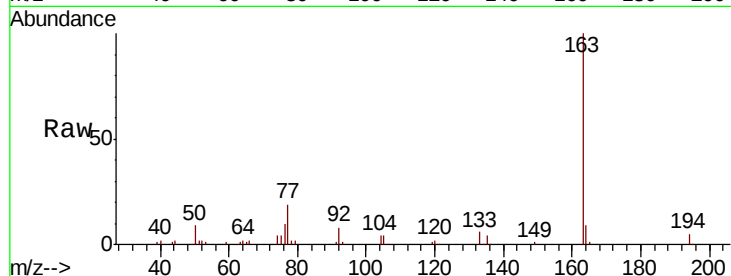
Tgt Ion:163 Resp: 54670

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

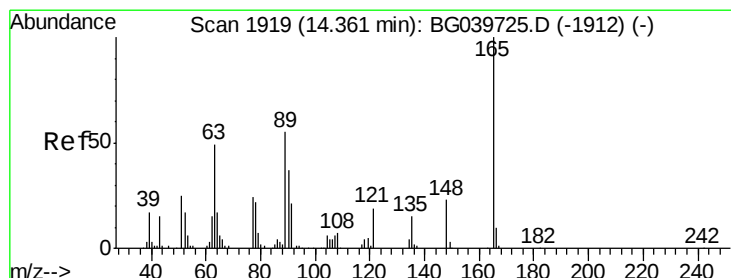
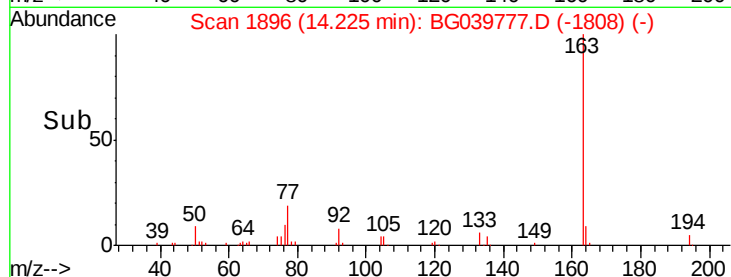
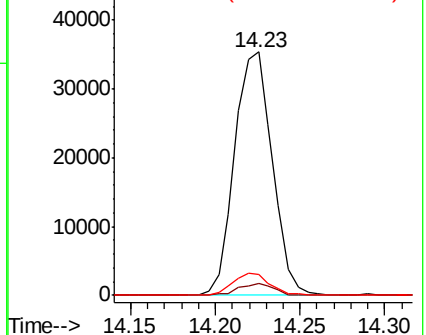
164 8.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.025 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.41 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

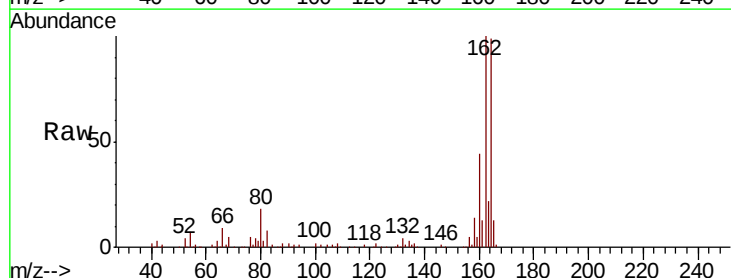
Tgt Ion:165 Resp: 16024

Ion Ratio Lower Upper

165 100

63 1.5 47.0 70.6#

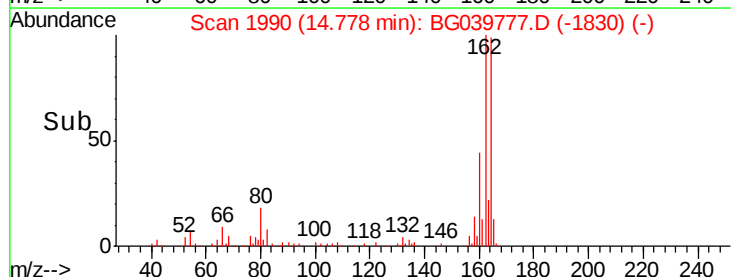
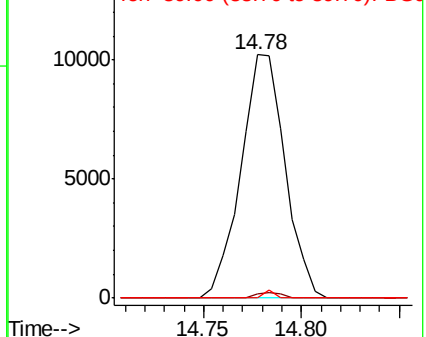
89 0.0 45.8 68.8#

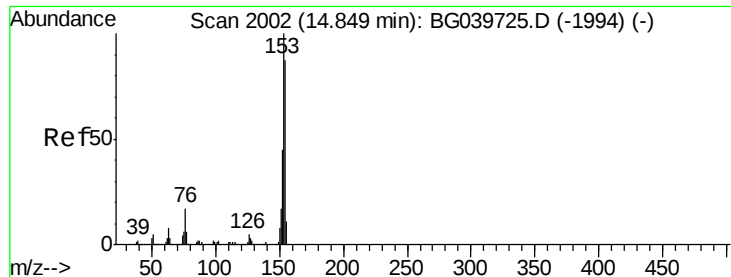


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.073 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.07 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

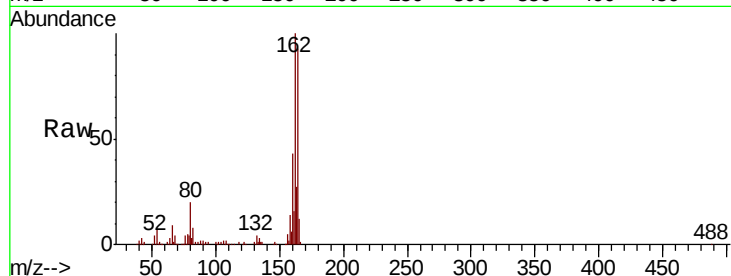
Tgt Ion:154 Resp: 575

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

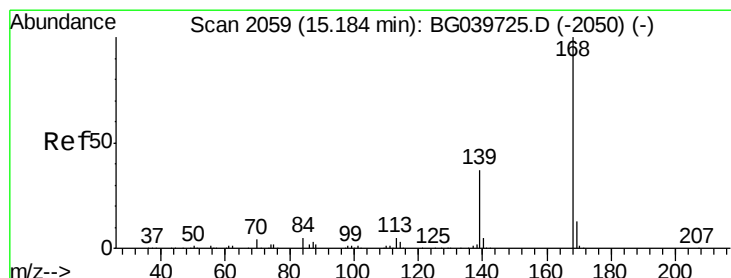
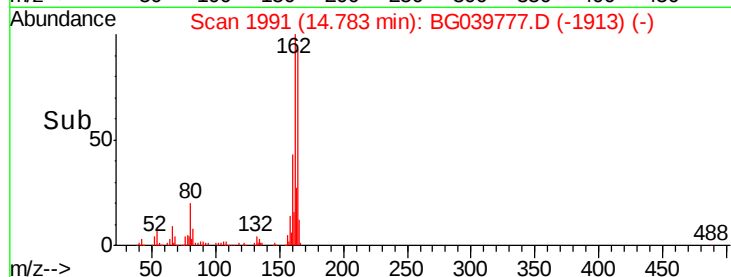
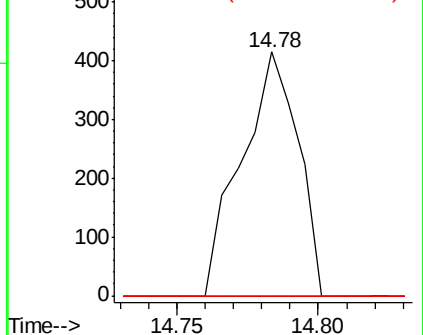
152 0.0 40.9 61.3#



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



#55

Dibenzofuran

Concen: 0.004 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

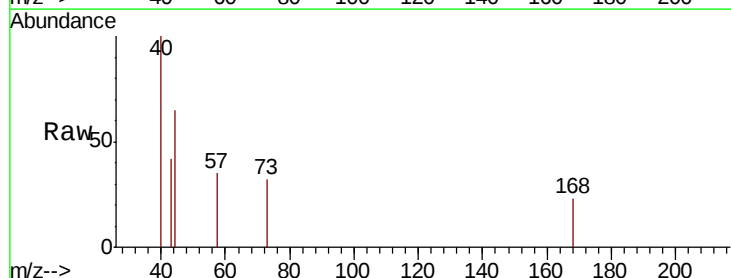
Tgt Ion:168 Resp: 58

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

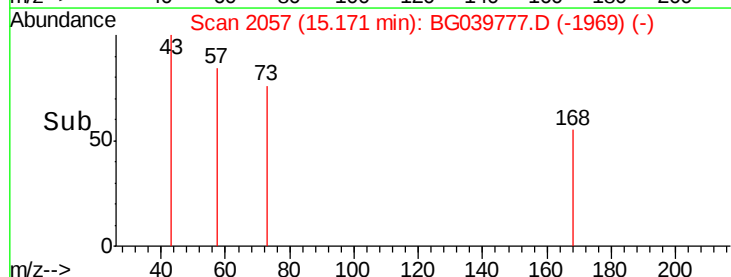
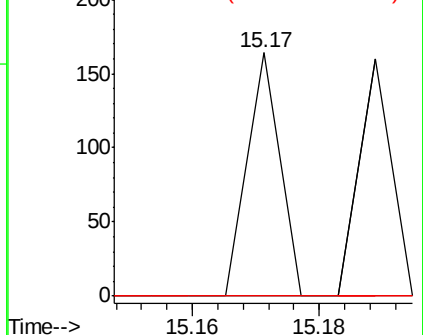
169 0.0 10.6 16.0#

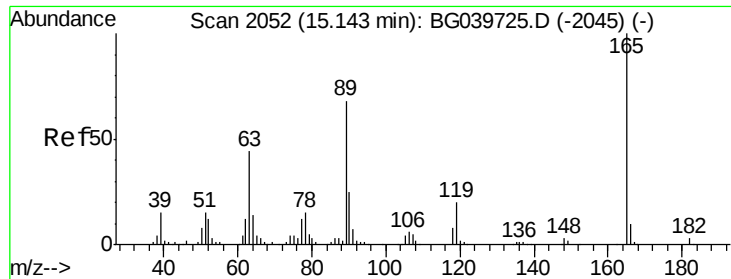


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

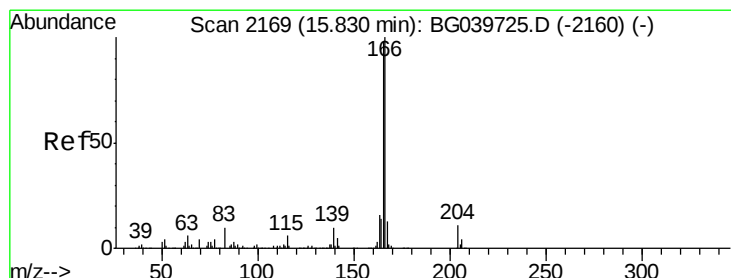
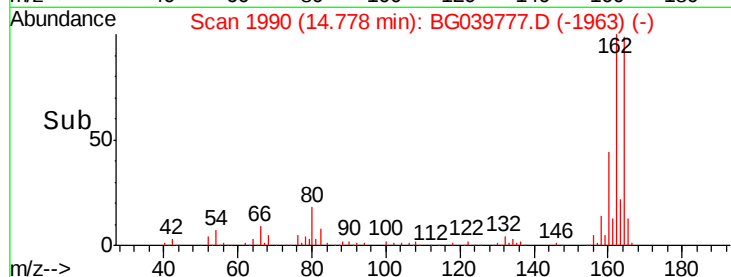
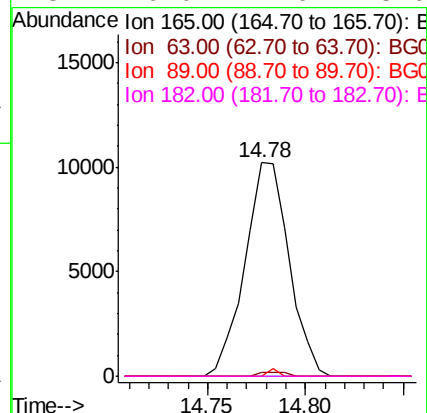
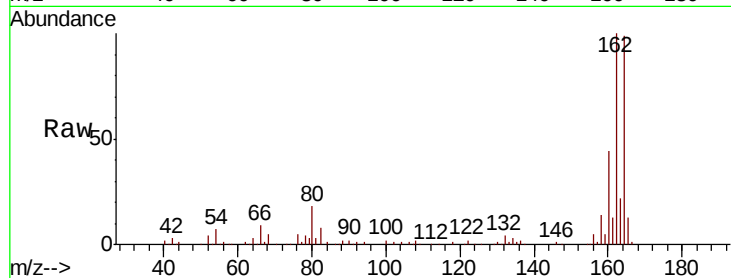




#57
 2,4-Dinitrotoluene
 Concen: 5.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

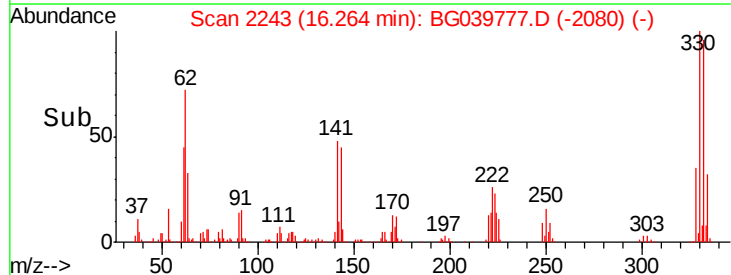
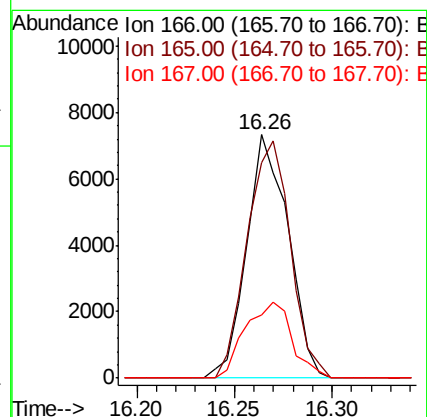
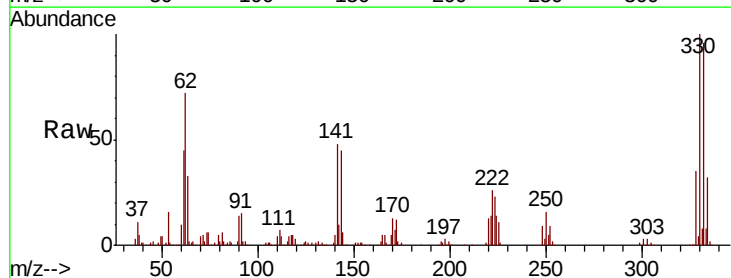
Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719

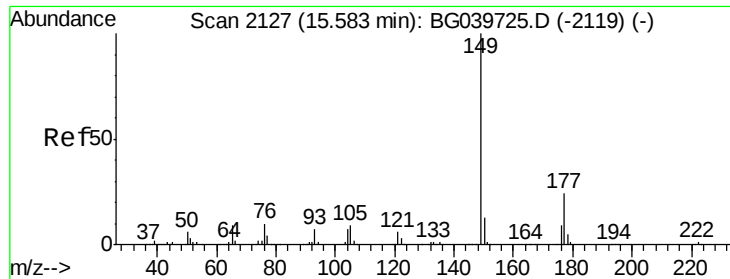
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#58
 Fluorene
 Concen: 1.065 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.43 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	88.5	77.9	116.9
167	25.8	10.8	16.2#

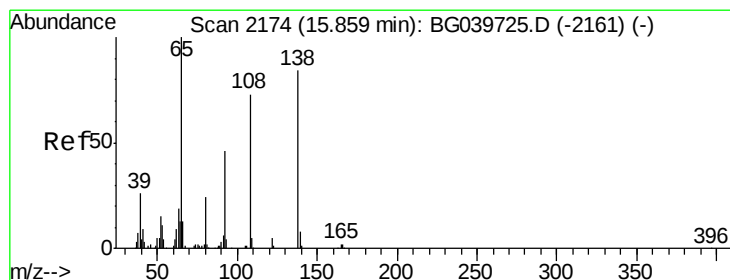
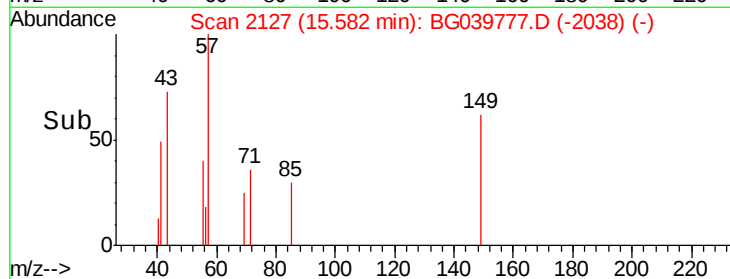
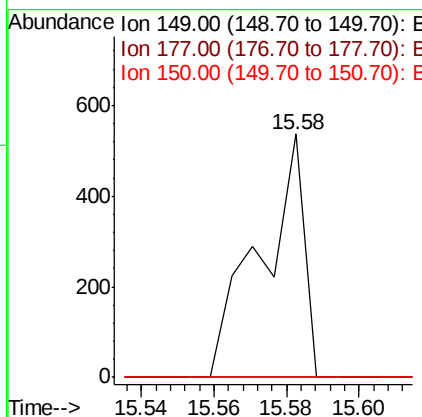
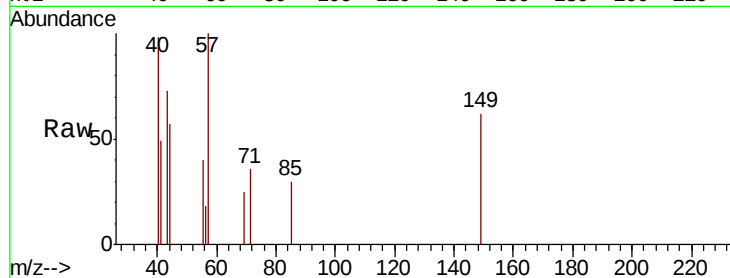




#60
 Diethylphthalate
 Concen: 0.042 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

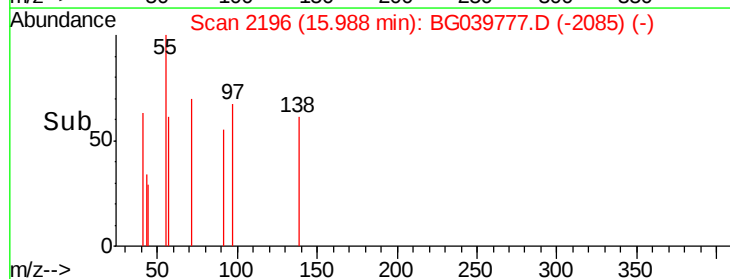
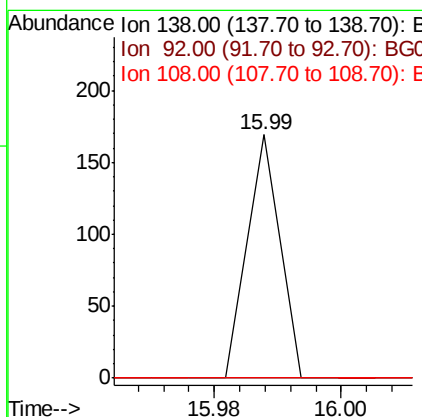
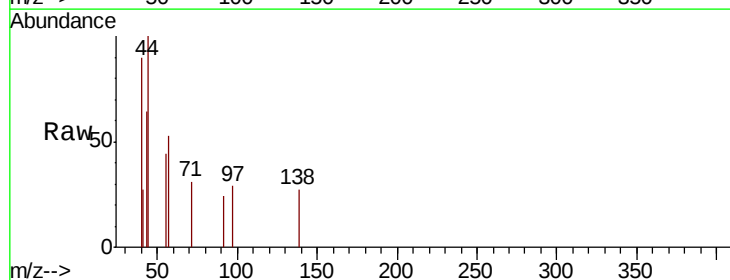
Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719

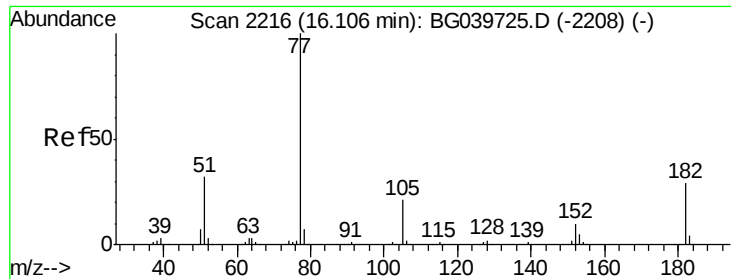
Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	10.2	15.2#



#62
 4-Nitroaniline
 Concen: 0.024 ng
 RT: 15.99 min Scan# 2196
 Delta R.T. 0.12 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	0.0	74.6	114.6#





#63

Azobenzene

Concen: 0.005 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.06 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

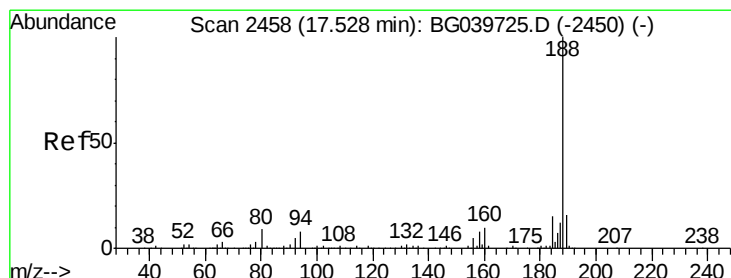
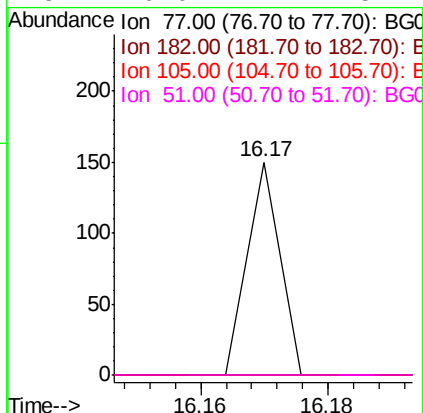
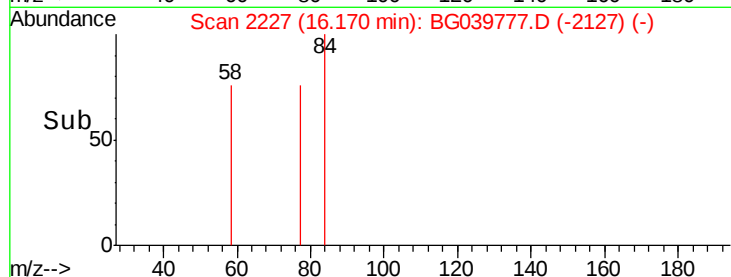
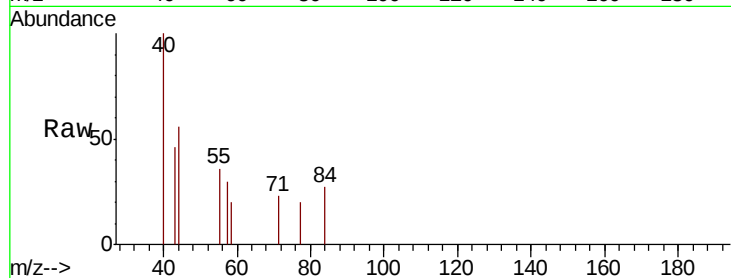
Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

Tgt Ion:	77	Resp:	53
Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.4	46.4#
105	0.0	0.0	39.8
51	0.0	14.1	54.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

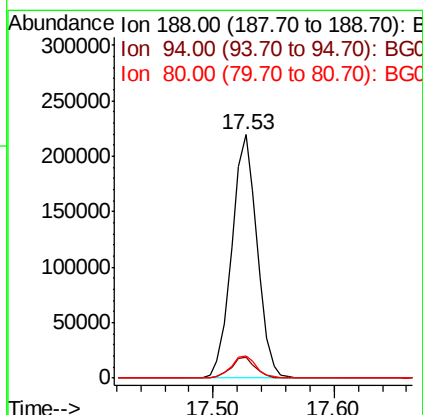
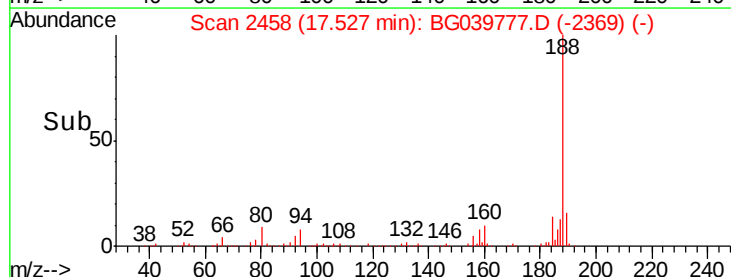
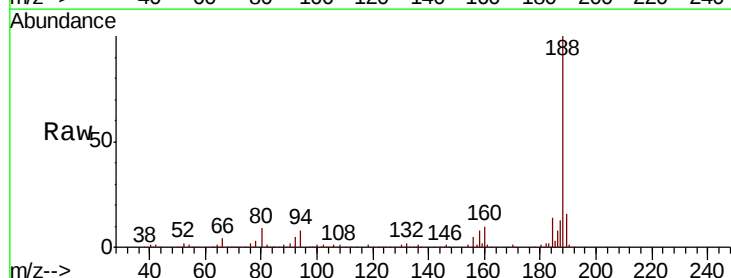
RT: 17.53 min Scan# 2458

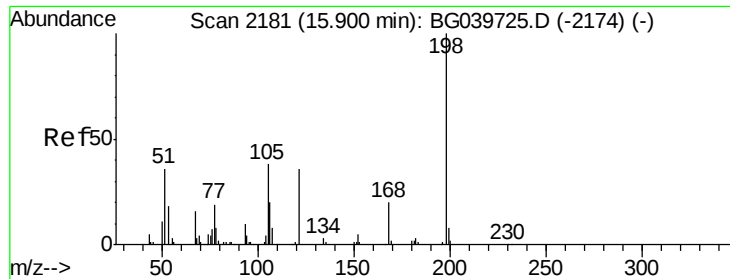
Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Tgt Ion:	188	Resp:	319716
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.3	8.1	12.1

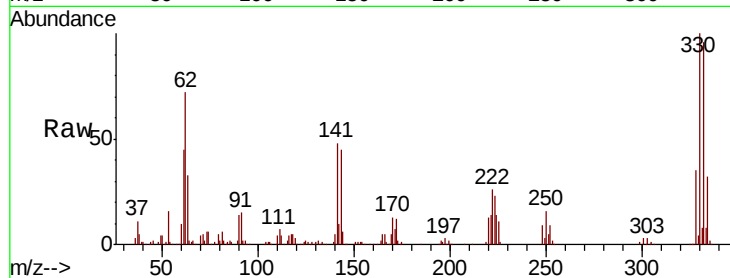




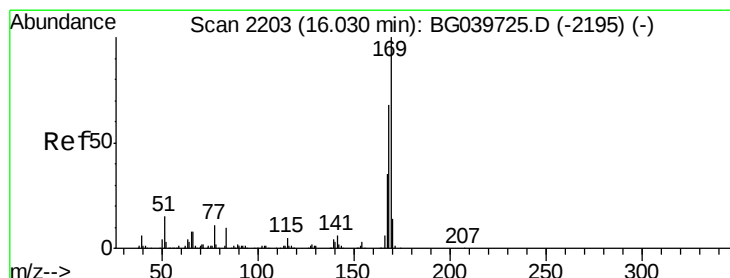
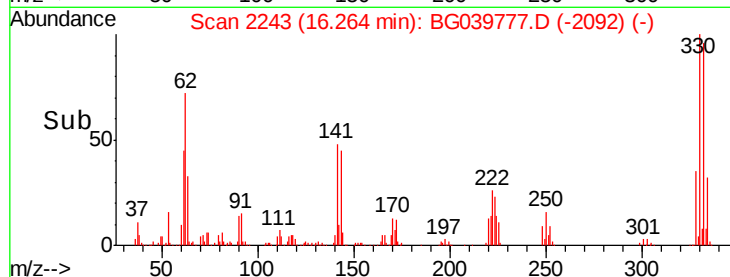
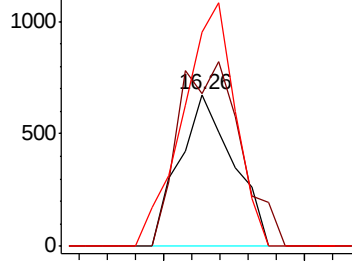
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.472 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.36 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719

Tgt Ion:198 Resp: 892
 Ion Ratio Lower Upper
 198 100
 51 100.3 27.4 67.4#
 105 141.0 19.7 59.7#

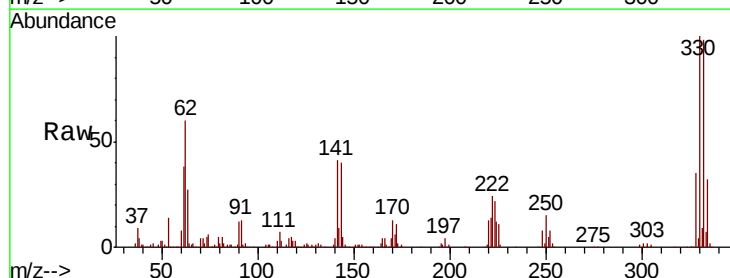


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

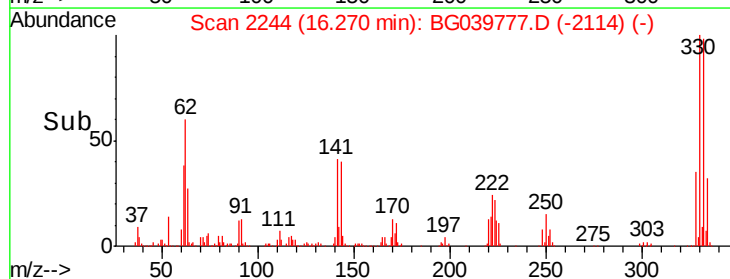
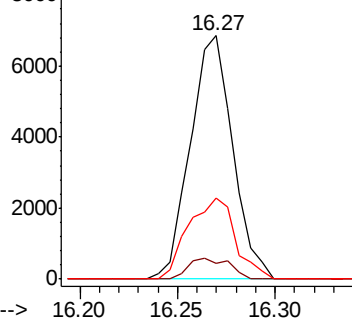


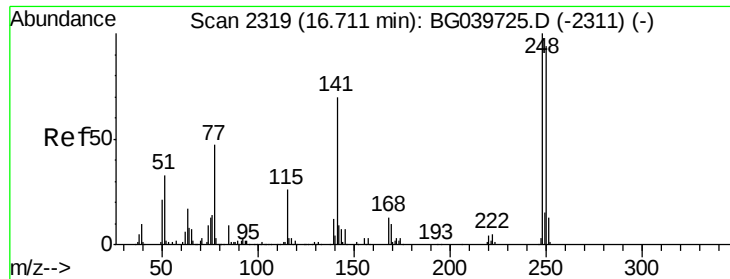
#66
 n-Nitrosodiphenylamine
 Concen: 1.111 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. 0.23 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

Tgt Ion:169 Resp: 10279
 Ion Ratio Lower Upper
 169 100
 168 6.4 56.6 85.0#
 167 33.2 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

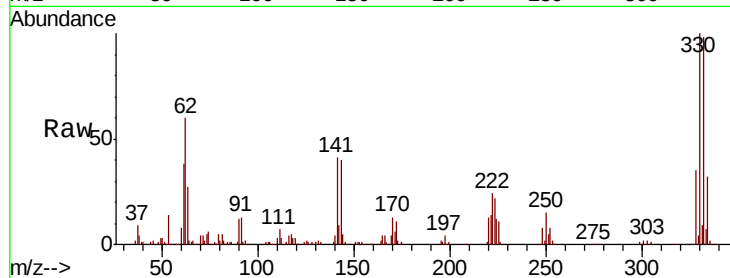




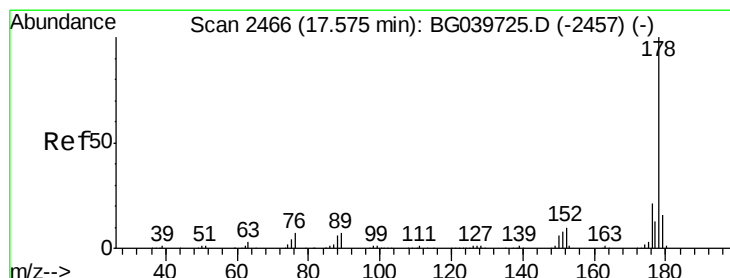
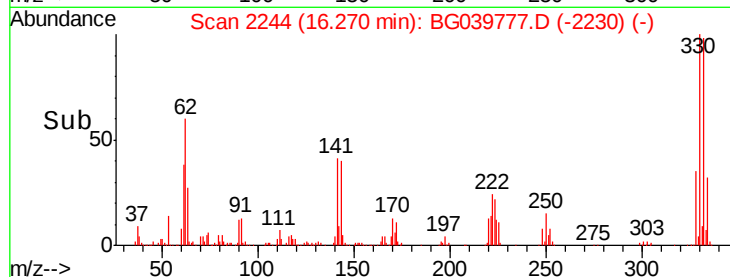
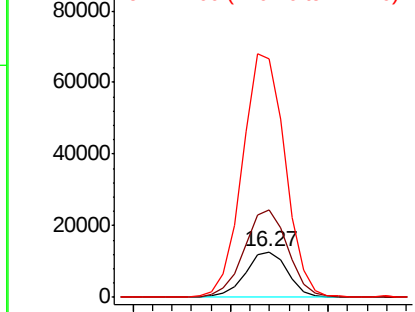
#67
4-Bromophenyl-phenylether
Concen: 5.310 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.45 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion:248 Resp: 19004
Ion Ratio Lower Upper
248 100
250 191.4 77.6 116.4#
141 522.9 63.9 95.9#

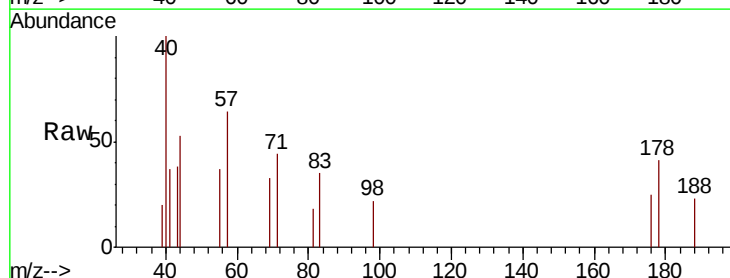


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

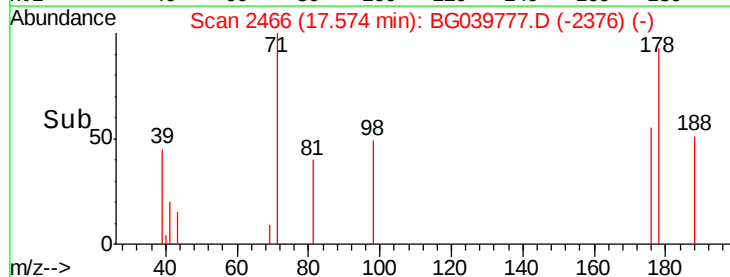
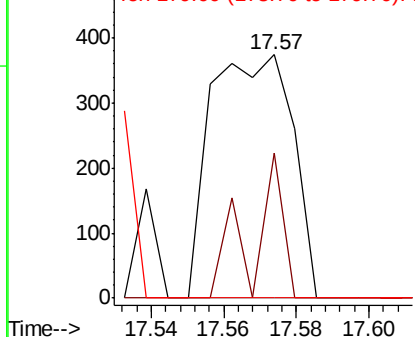


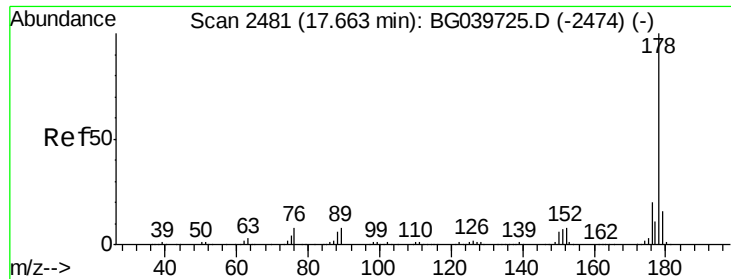
#71
Phenanthrene
Concen: 0.033 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion:178 Resp: 587
Ion Ratio Lower Upper
178 100
176 59.6 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: 0.034 ng

RT: 17.57 min Scan# 2466

Delta R.T. -0.10 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

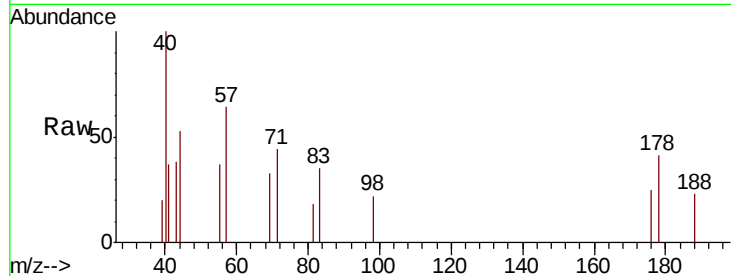
Tgt Ion:178 Resp: 587

Ion Ratio Lower Upper

178 100

176 59.6 15.8 23.6#

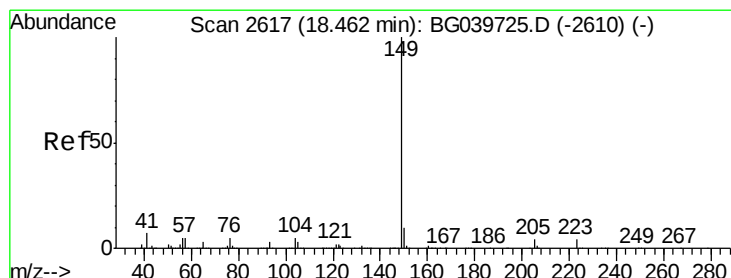
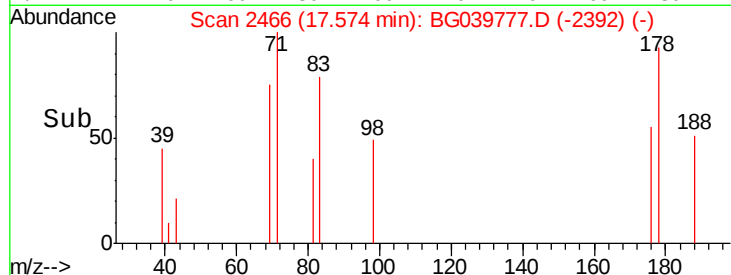
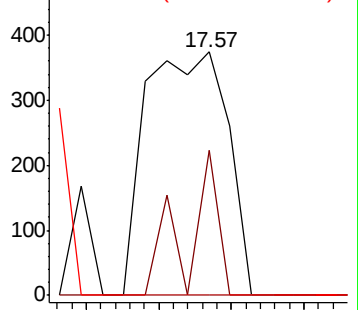
179 0.0 12.5 18.7#



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: 0.114 ng

RT: 18.46 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

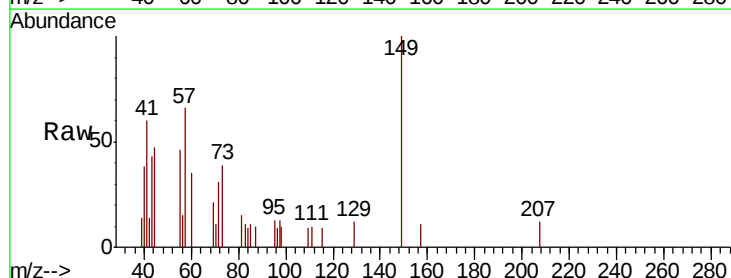
Tgt Ion:149 Resp: 2070

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

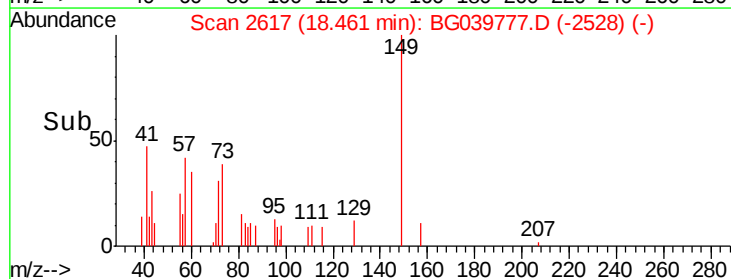
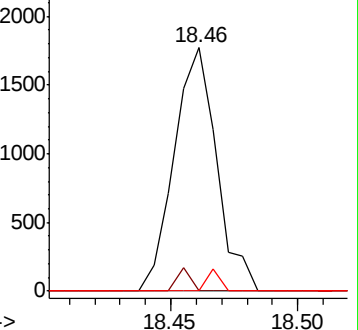
104 0.0 4.5 6.7#

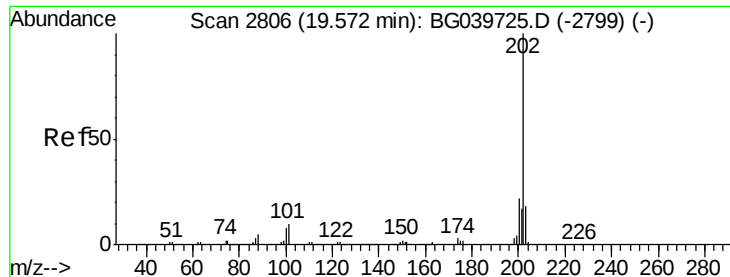


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.033 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

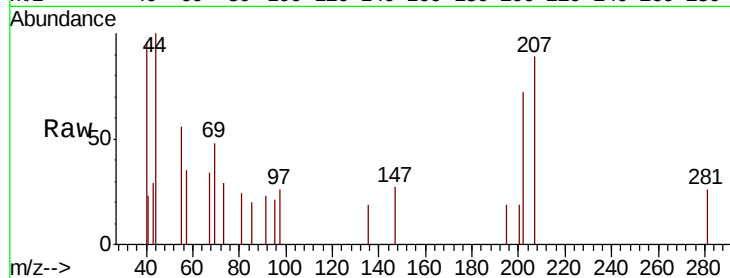
Tgt Ion:202 Resp: 677

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

203 0.0 0.0 38.9

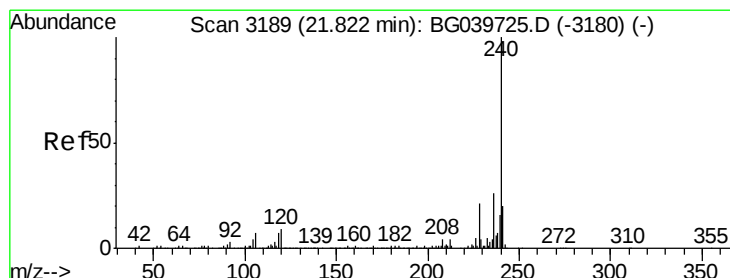
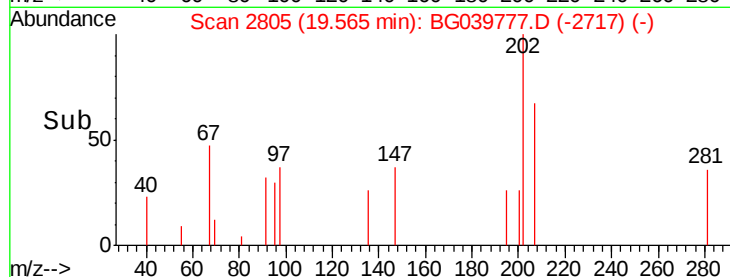
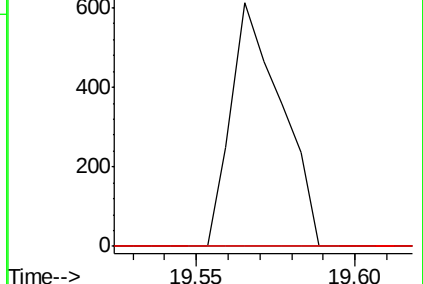


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.57



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

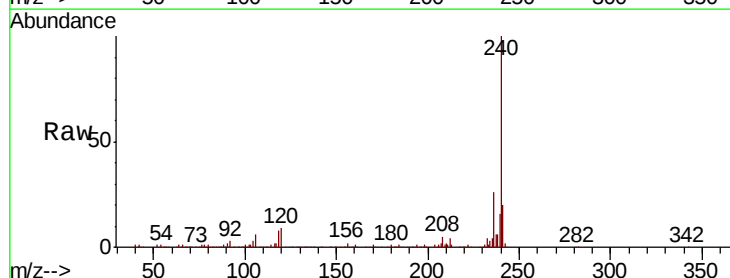
Tgt Ion:240 Resp: 317801

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

236 25.9 21.0 31.4

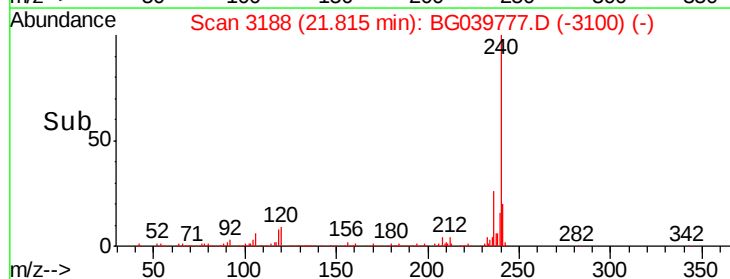
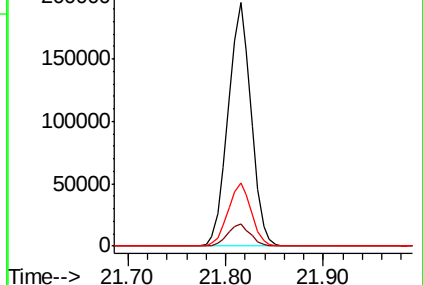


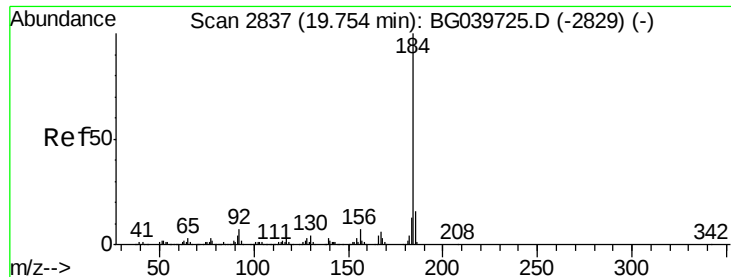
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.82





#77

Benzidine

Concen: 2.145 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.36 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

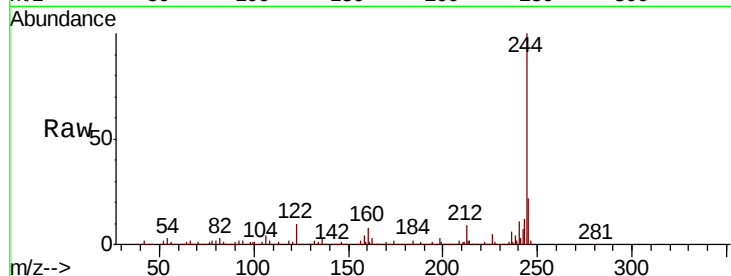
Tgt Ion:184 Resp: 21636

Ion Ratio Lower Upper

184 100

185 20.8 12.2 18.2#

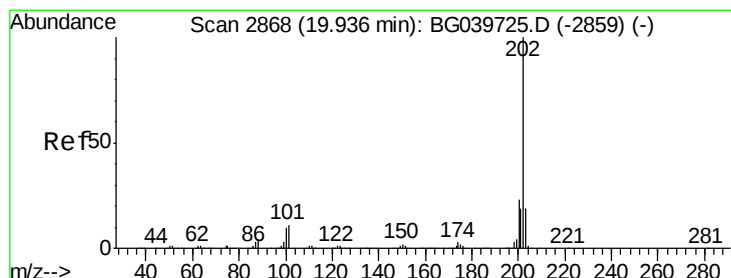
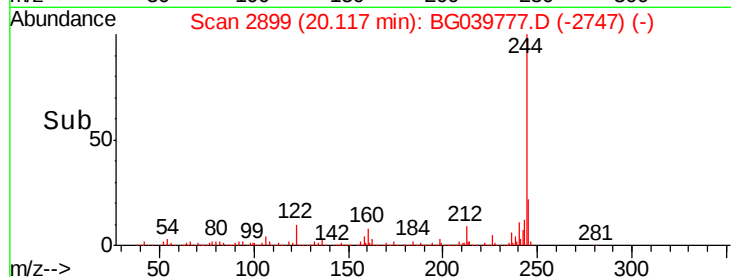
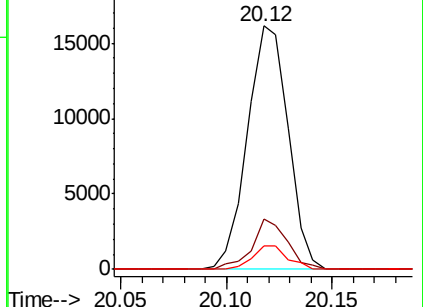
183 9.4 10.6 15.8#



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: 0.032 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

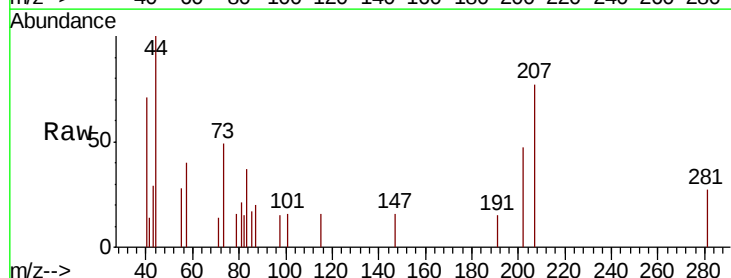
Tgt Ion:202 Resp: 662

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

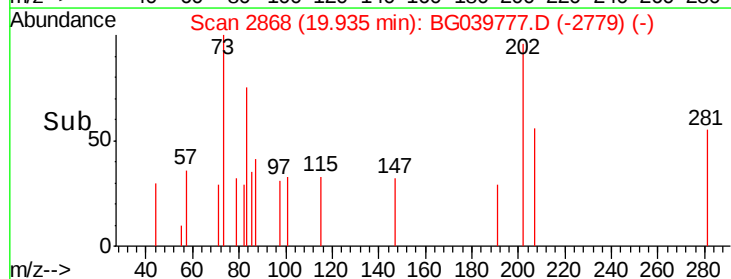
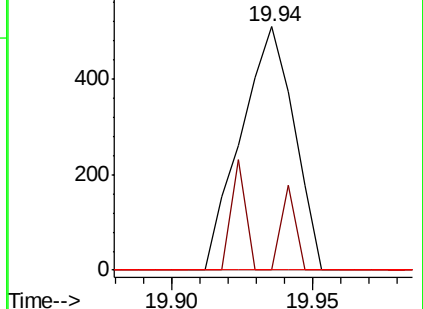
203 0.0 15.3 22.9#

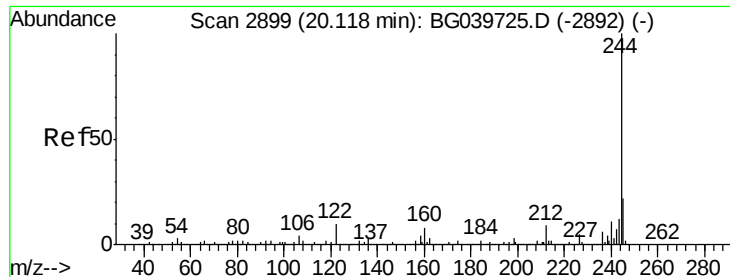


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

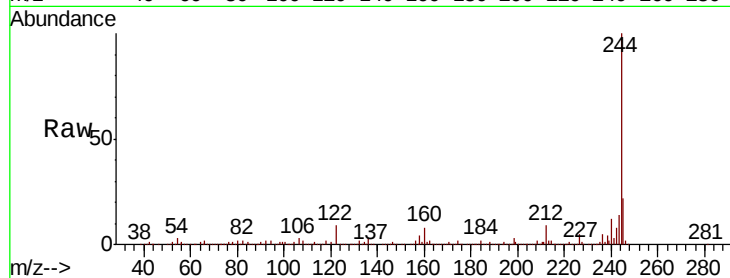




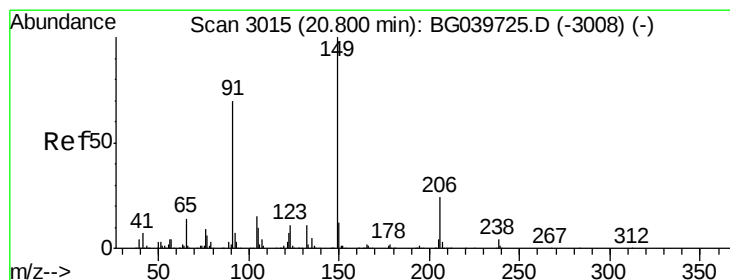
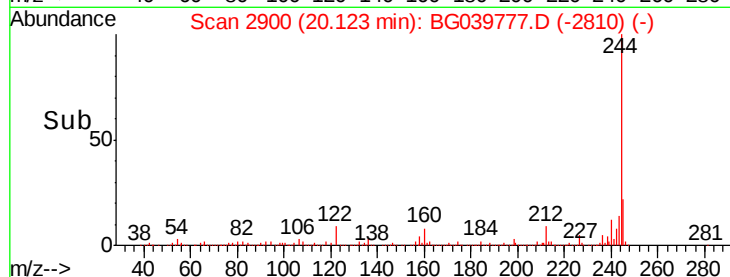
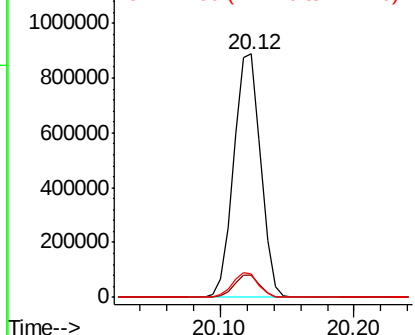
#79
 Terphenyl-d14
 Concen: 86.435 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719

Tgt Ion:244 Resp: 1247568
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.3 10.9
 122 9.4 8.4 12.6

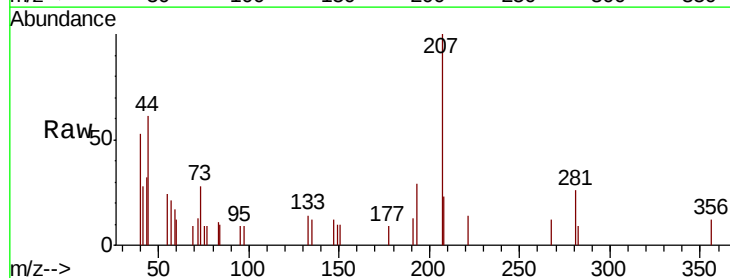


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

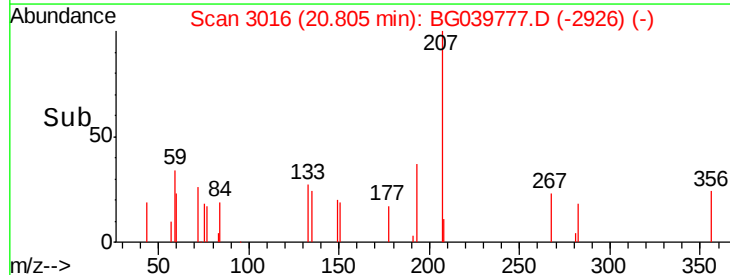
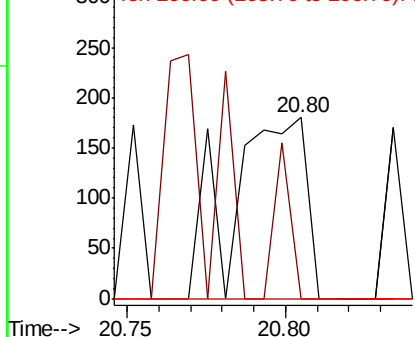


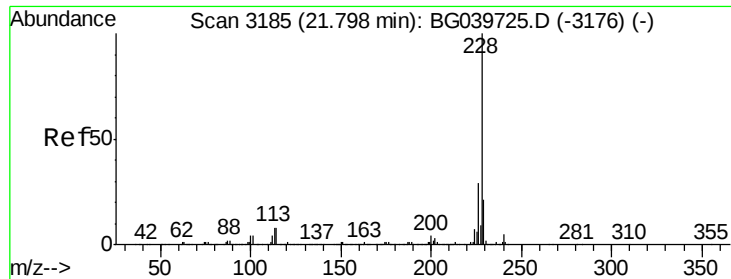
#80
 Butylbenzylphthalate
 Concen: 0.037 ng
 RT: 20.80 min Scan# 3016
 Delta R.T. -0.00 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

Tgt Ion:149 Resp: 294
 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: 0.070 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

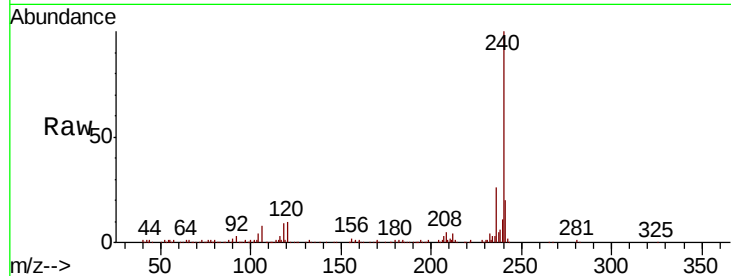
Tgt Ion:228 Resp: 1389

Ion Ratio Lower Upper

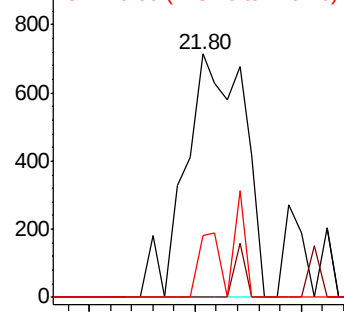
228 100

226 0.0 23.0 34.6#

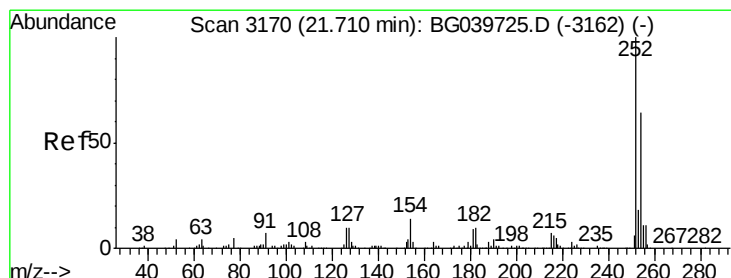
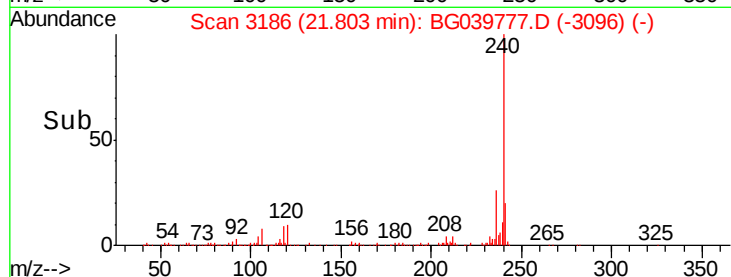
229 25.6 16.9 25.3#



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



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.41 min Scan# 3119

Delta R.T. -0.31 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

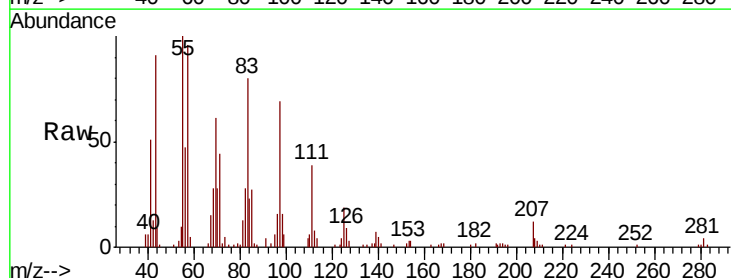
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

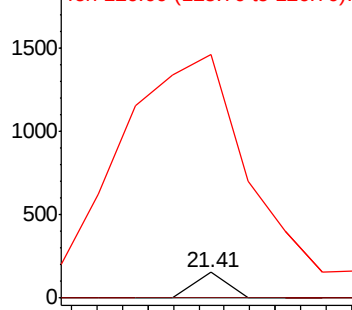
252 100

254 0.0 51.3 76.9#

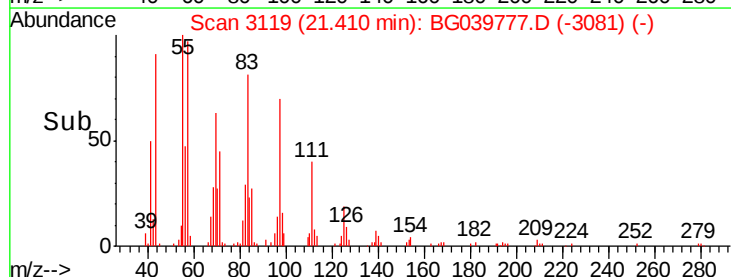
126 943.9 8.0 12.0#

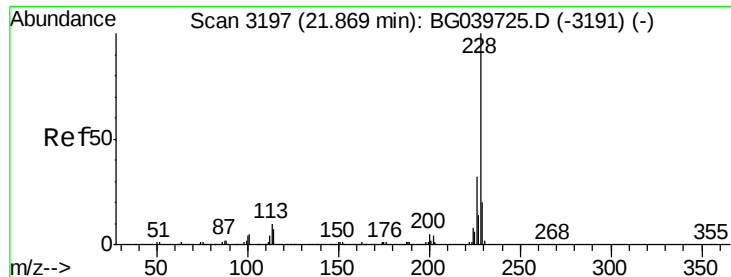


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 0.012 ng

RT: 21.84 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

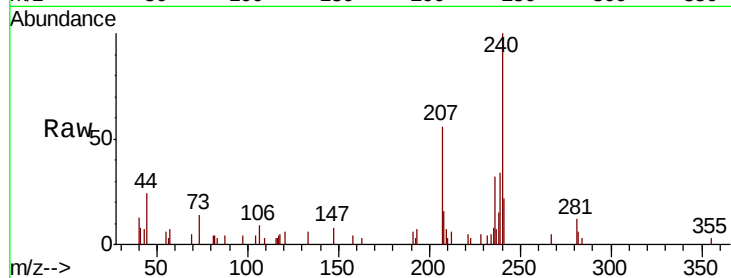
Tgt Ion:228 Resp: 234

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

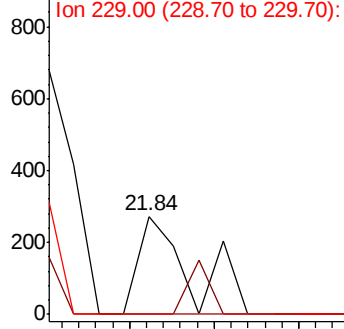
229 0.0 16.6 25.0#



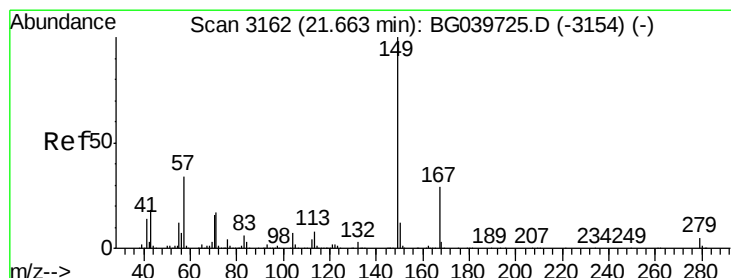
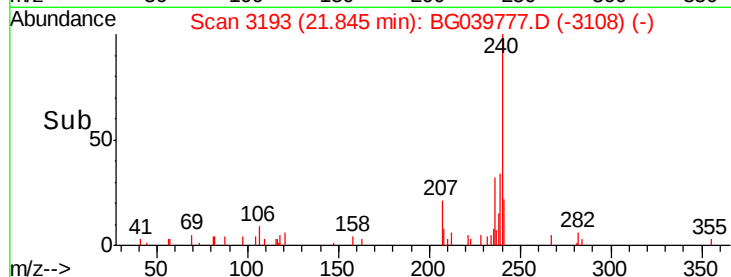
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.143 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

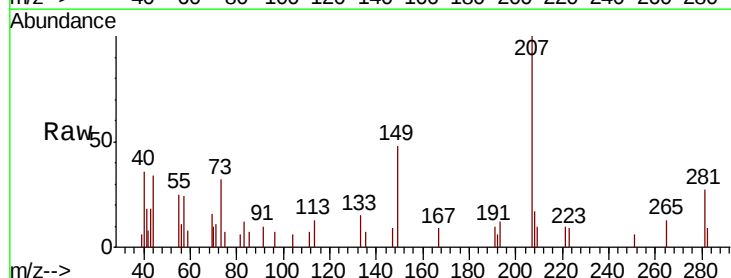
Tgt Ion:149 Resp: 1609

Ion Ratio Lower Upper

149 100

167 19.3 22.6 34.0#

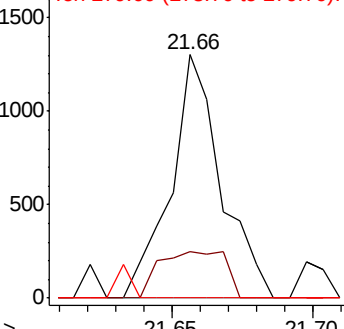
279 0.0 3.5 5.3#



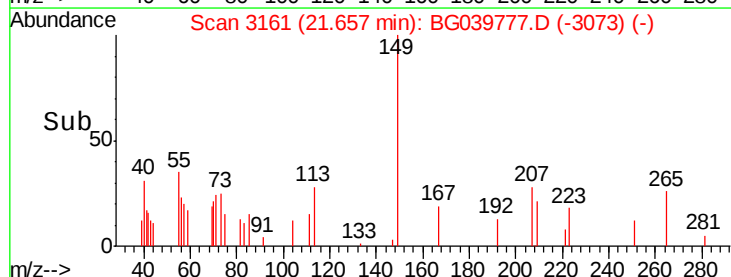
Abundance Ion 149.00 (148.70 to 149.70): E

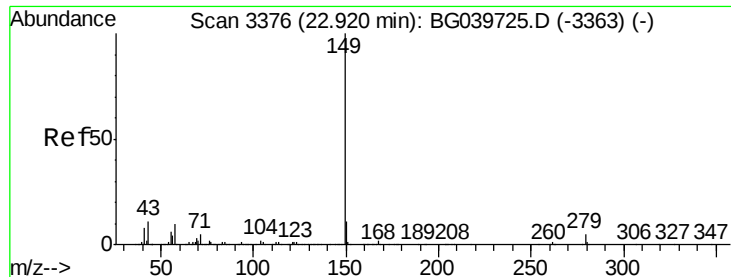
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

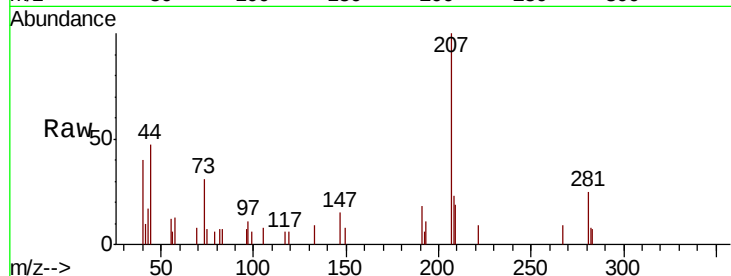




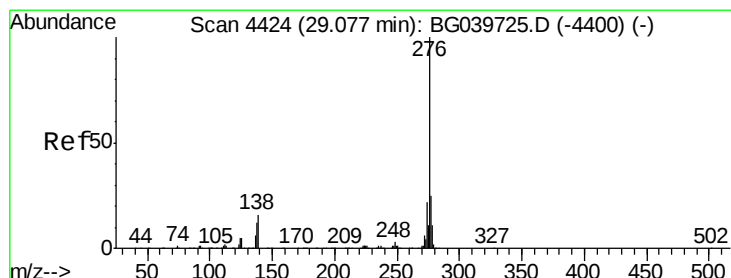
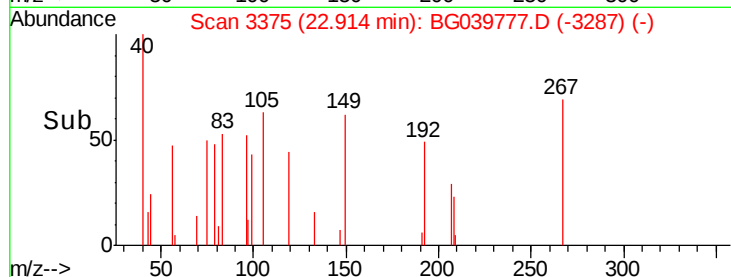
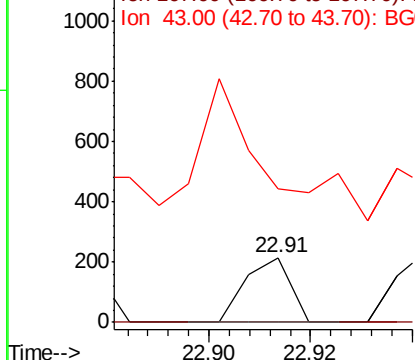
#85
Di-n-octyl phthalate
Concen: 0.007 ng
RT: 22.91 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion:149 Resp: 131
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 345.0 10.2 15.4#

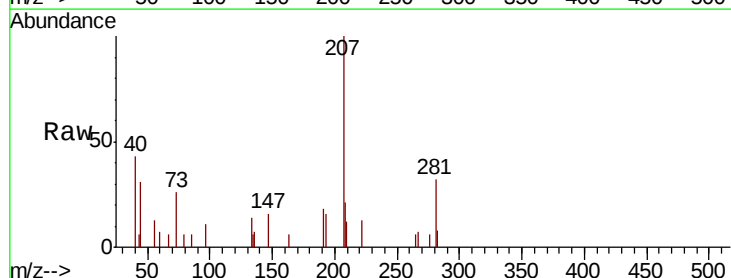


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

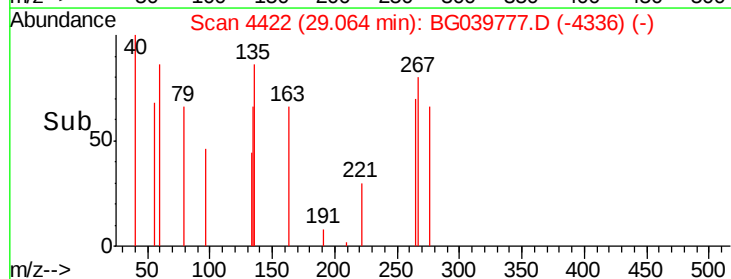
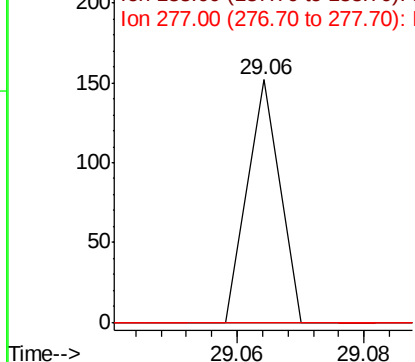


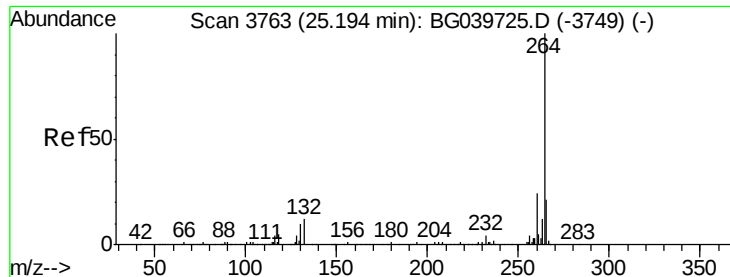
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 29.06 min Scan# 4422
Delta R.T. -0.02 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion:276 Resp: 54
Ion Ratio Lower Upper
276 100
138 0.0 12.6 19.0#
277 0.0 20.8 31.2#



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



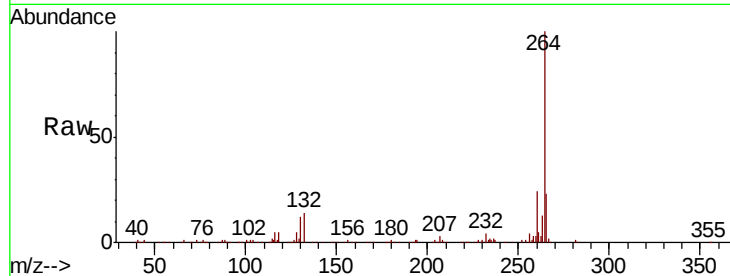


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

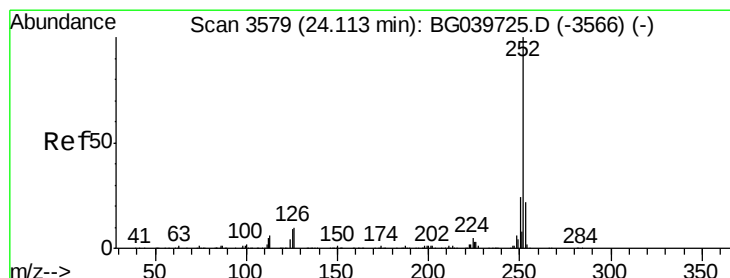
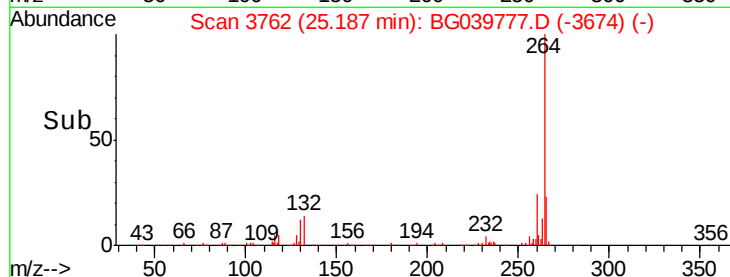
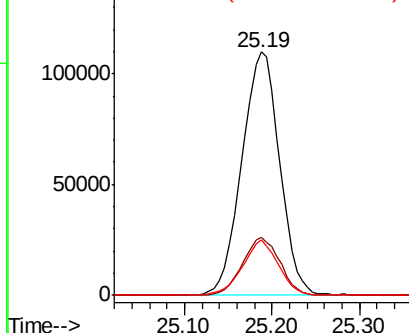
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion:264 Resp: 322451

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	22.7	18.5	27.7



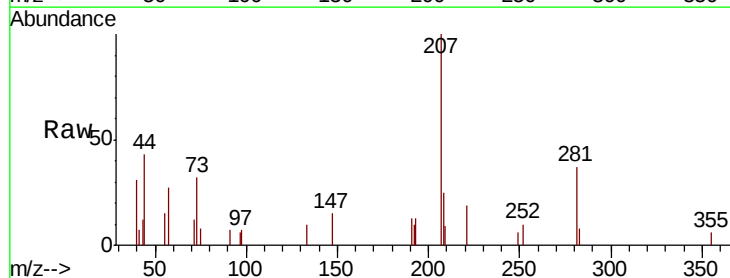
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



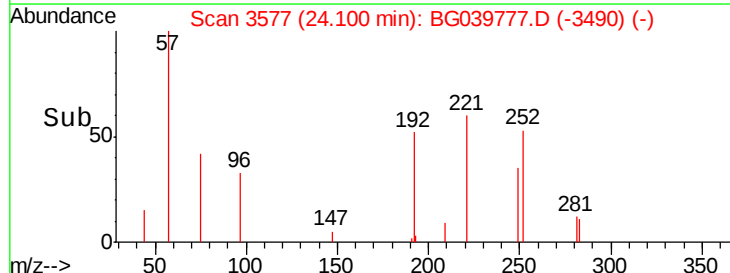
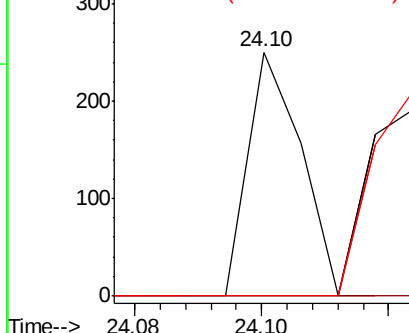
#88
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.02 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

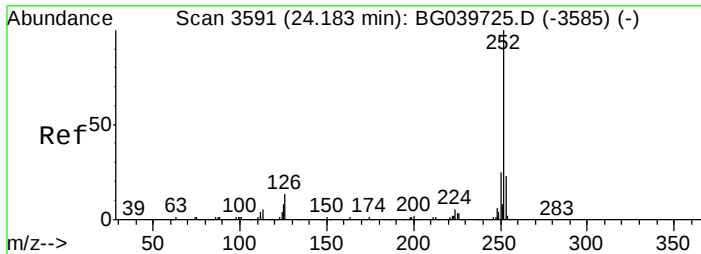
Tgt Ion:252 Resp: 143

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: 0.003 ng

RT: 24.21 min Scan# 3595

Delta R.T. 0.02 min

Lab File: BG039777.D

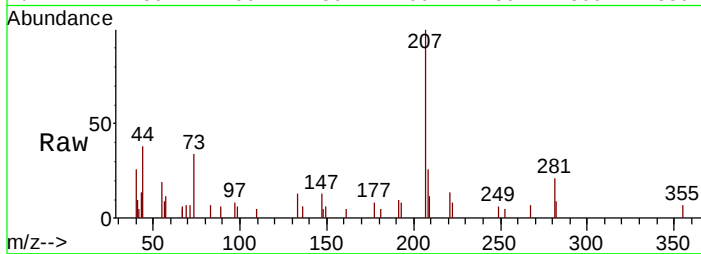
Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719



Tgt Ion:252 Resp: 57

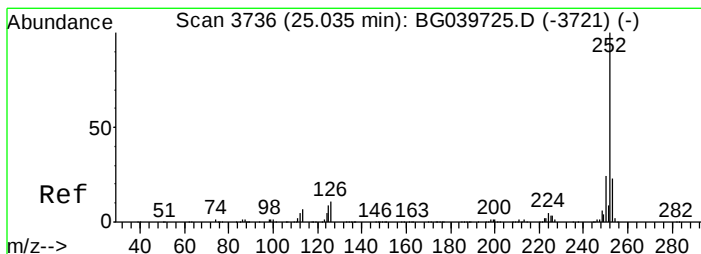
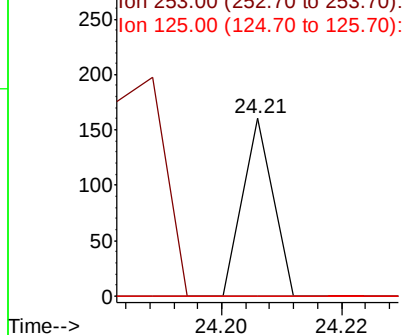
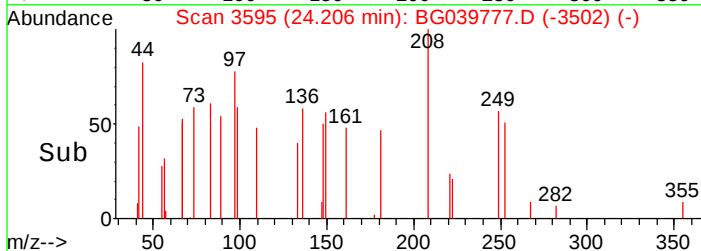
Ion Ratio Lower Upper

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):
Ion 253.00 (252.70 to 253.70):
Ion 125.00 (124.70 to 125.70):



#90

Benzo(a)pyrene

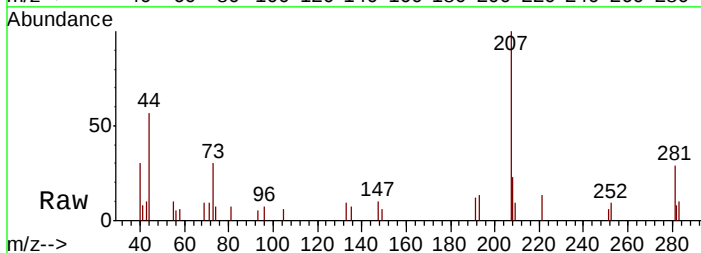
Concen: 0.010 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24



Tgt Ion:252 Resp: 179

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):
Ion 253.00 (252.70 to 253.70):
Ion 125.00 (124.70 to 125.70):

