

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
 Data File : BG040074.D
 Acq On : 21 Mar 2019 20:30
 Operator : JU/SJ
 Sample : K1694-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032019-C

Quant Time: Mar 22 01:35:20 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	8.14	152	40038	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	174520	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	123072	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	311360	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	311180	20.00	ng	-0.03
87) Perylene-d12	25.16	264	308349	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	294515	125.49	ng	-0.02
7) Phenol-d6	7.29	99	387100	110.62	ng	-0.02
23) Nitrobenzene-d5	9.32	82	286979	88.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	190893	133.07	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	730376	84.50	ng	-0.02
79) Terphenyl-d14	20.11	244	1226528	86.79	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	3409	3.146	ng	# 1
4) n-Nitrosodimethylamine	3.88	42	500	0.363	ng	# 1
6) Aniline	7.67	93	410	0.089	ng	# 1
9) Benzaldehyde	7.29	77	775	0.343	ng	# 4
10) Phenol	7.68	94	778	0.205	ng	# 1
11) bis(2-Chloroethyl)ether	7.67	93	410	0.139	ng	# 1
12) 1,3-Dichlorobenzene	8.19	146	64	0.020	ng	# 25
13) 1,4-Dichlorobenzene	8.19	146	64	0.020	ng	# 25
14) 1,2-Dichlorobenzene	8.19	146	64	0.020	ng	# 24
15) Benzyl Alcohol	8.46	79	4276	1.540	ng	# 55
16) 2,2'-oxybis(1-Chloropropan	8.66	45	214	0.036	ng	# 75
19) n-Nitroso-di-n-propylamine	9.32	70	36969	14.678	ng	# 69
22) Acetophenone	8.98	105	319	0.068	ng	# 44
24) Nitrobenzene	9.32	77	1023	0.302	ng	# 45
31) Naphthalene	11.00	128	406	0.044	ng	# 69
37) 2-Methylnaphthalene	12.61	142	211	0.031	ng	# 61
38) 1-Methylnaphthalene	12.82	142	184	0.027	ng	# 7
43) 2,4,6-Trichlorophenol	13.00	196	64	0.026	ng	# 10
44) 2,4,5-Trichlorophenol	13.00	196	64	0.023	ng	# 16
46) 1,1'-Biphenyl	13.60	154	1179	0.116	ng	# 87
48) 2-Nitroaniline	13.39	65	1235	0.505	ng	# 1
49) Acenaphthylene	14.84	152	69	0.006	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	16411	7.522	ng	# 25
52) Acenaphthene	14.84	154	533	0.071	ng	# 86
55) Dibenzofuran	15.17	168	191	0.015	ng	# 45
57) 2,4-Dinitrotoluene	14.77	165	16411	5.353	ng	# 20
58) Fluorene	15.81	166	480	0.049	ng	# 62
63) Azobenzene	16.26	77	1079	0.117	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.26	198	675	0.367	ng	# 1
66) n-Nitrosodiphenylamine	16.25	169	7898	0.876	ng	# 48
67) 4-Bromophenyl-phenylether	16.25	248	14655	4.205	ng	# 1
71) Phenanthrene	17.55	178	1996	0.116	ng	# 95
72) Anthracene	17.55	178	1996	0.119	ng	# 96
73) Carbazole	17.93	167	677	0.045	ng	# 57

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
 Data File : BG040074.D
 Acq On : 21 Mar 2019 20:30
 Operator : JU/SJ
 Sample : K1694-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032019-C

Quant Time: Mar 22 01:35:20 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)
74) Di-n-butylphthalate	18.44	149	1529	0.086	ng	# 77
75) Fluoranthene	19.56	202	468	0.023	ng	63
77) Benzidine	20.11	184	21716	2.199	ng	# 91
78) Pyrene	19.92	202	441	0.022	ng	# 55
80) Butylbenzylphthalate	20.81	149	57	0.007	ng	# 22
81) Benzo(a)anthracene	21.79	228	987	0.051	ng	# 50
83) Chrysene	21.79	228	987	0.052	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.65	149	185	0.017	ng	# 52
85) Di-n-octyl phthalate	22.93	149	56	0.003	ng	# 1
90) Benzo(a)pyrene	25.10	252	55	0.003	ng	# 59

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

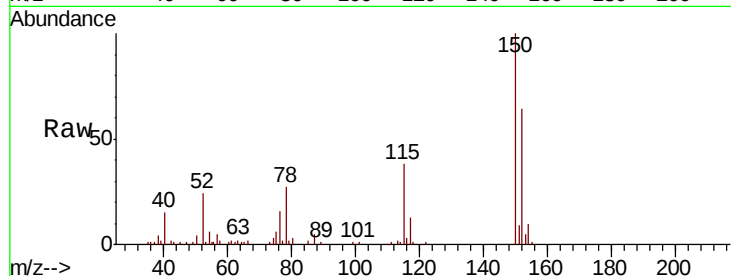
Tgt Ion:152 Resp: 40038

Ion Ratio Lower Upper

152 100

150 155.7 123.7 185.5

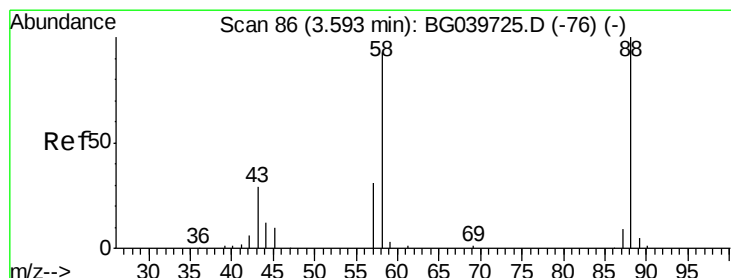
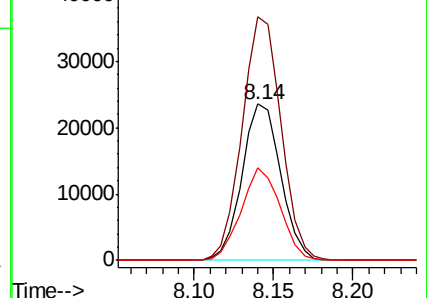
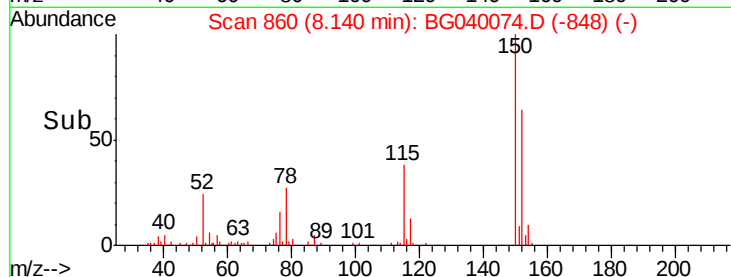
115 59.1 45.9 68.9



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: 3.146 ng

RT: 3.28 min Scan# 33

Delta R.T. -0.32 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

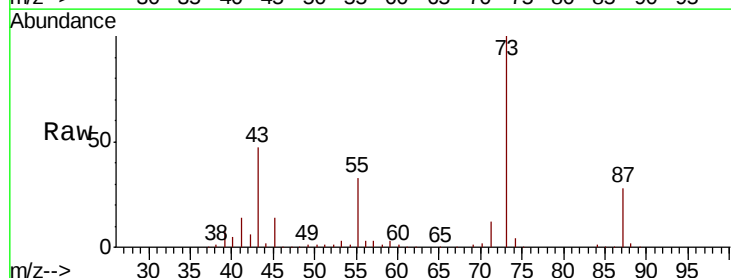
Tgt Ion: 88 Resp: 3409

Ion Ratio Lower Upper

88 100

58 46.7 81.1 121.7#

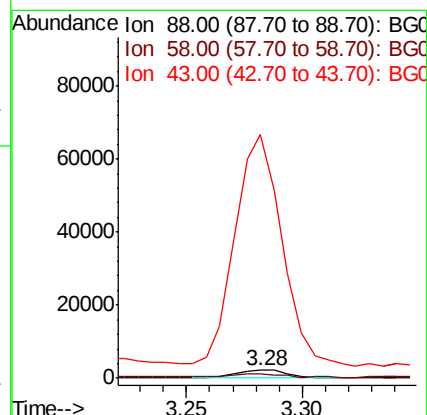
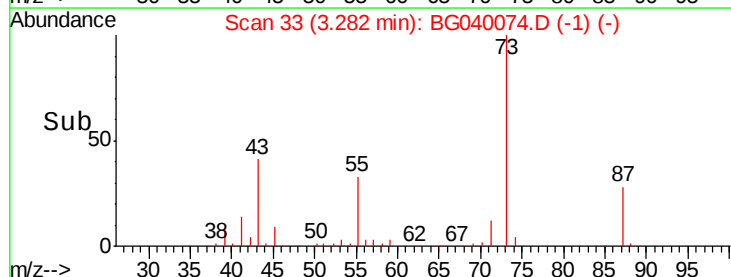
43 2643.2 31.4 47.0#

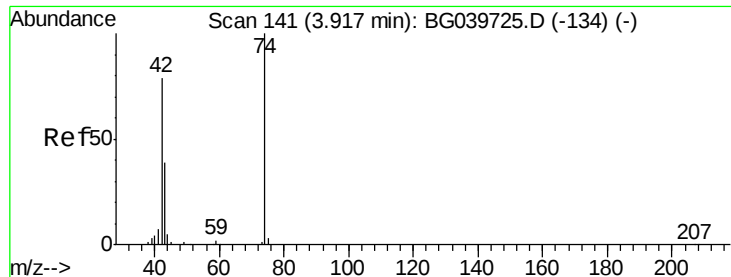


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.363 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.05 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

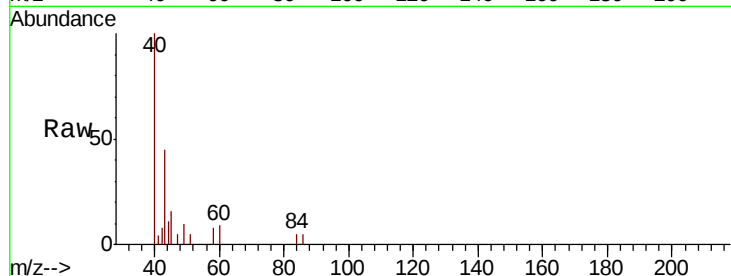
Tgt Ion: 42 Resp: 500

Ion Ratio Lower Upper

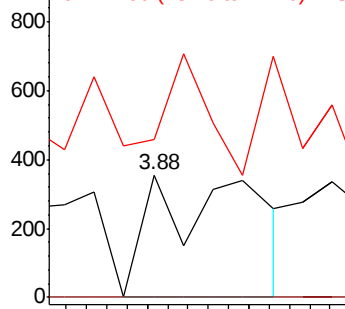
42 100

74 0.0 83.6 125.4#

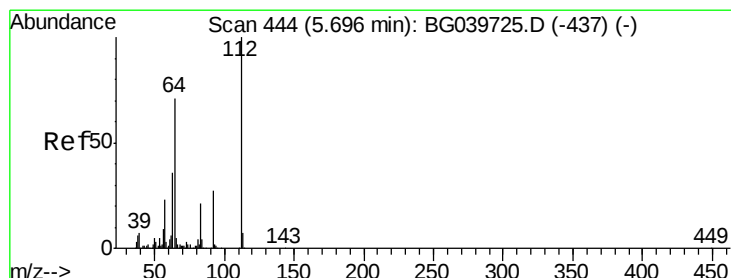
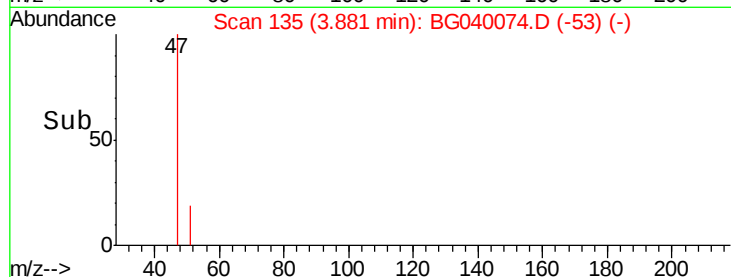
44 128.7 6.9 10.3#



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



Time-->



#5

2-Fluorophenol

Concen: 125.492 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

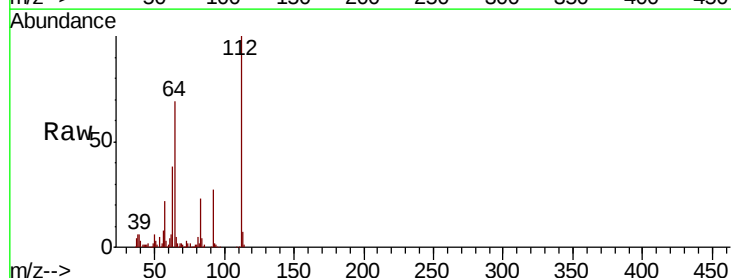
Tgt Ion: 112 Resp: 294515

Ion Ratio Lower Upper

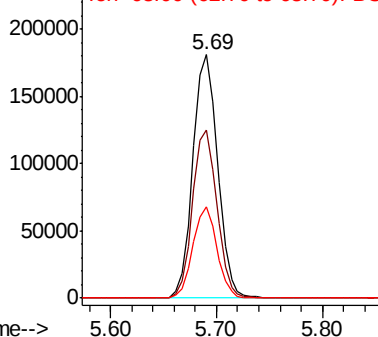
112 100

64 69.1 57.8 86.8

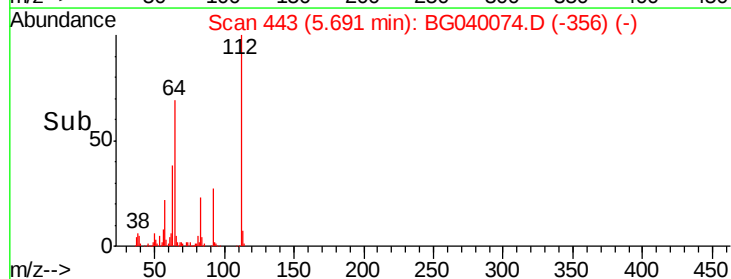
63 37.7 29.8 44.6

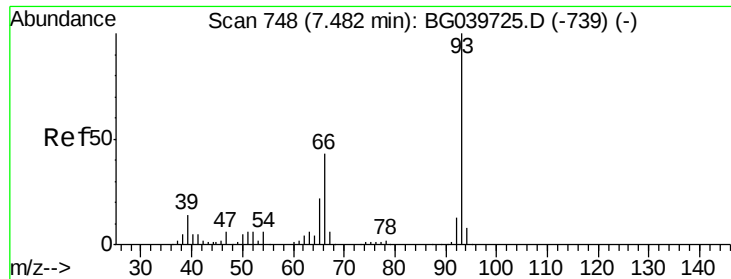


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->





#6

Aniline

Concen: 0.089 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.18 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

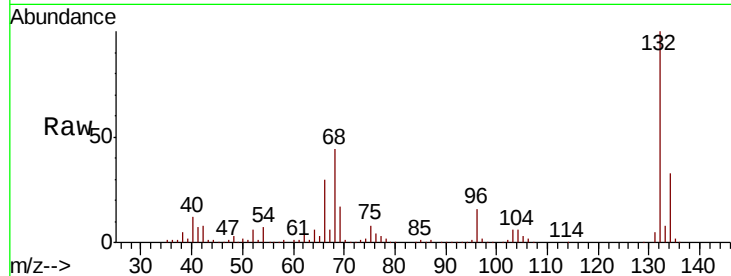
Tgt Ion: 93 Resp: 410

Ion Ratio Lower Upper

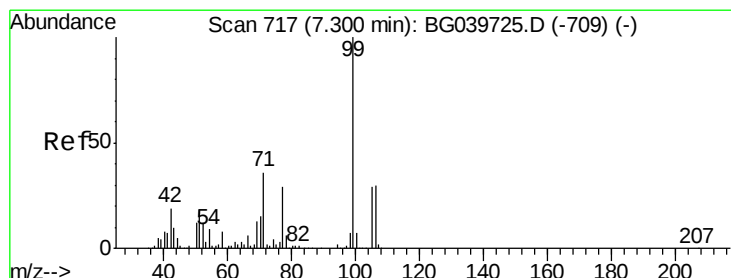
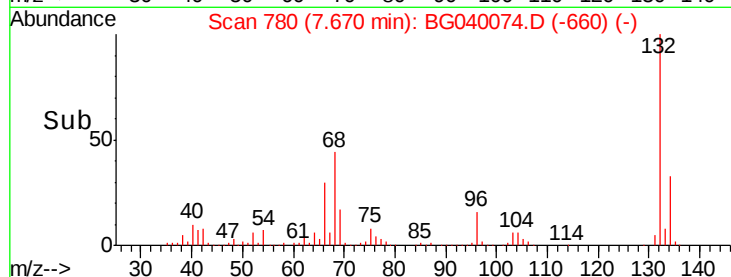
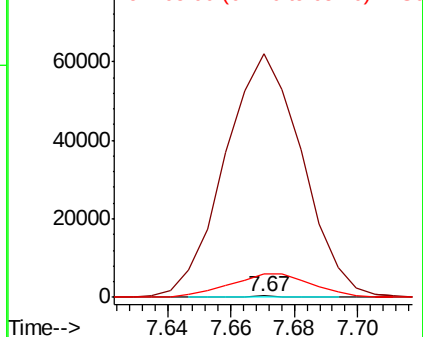
93 100

66 16188.0 34.2 51.4#

65 1529.8 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: 110.621 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

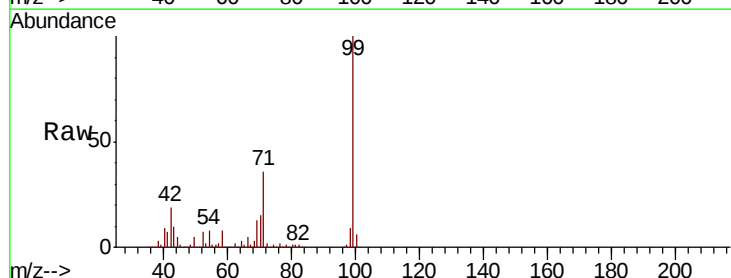
Tgt Ion: 99 Resp: 387100

Ion Ratio Lower Upper

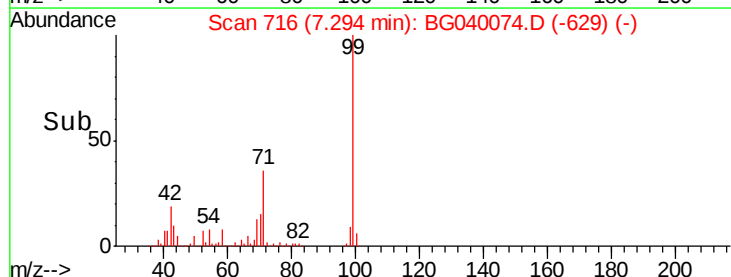
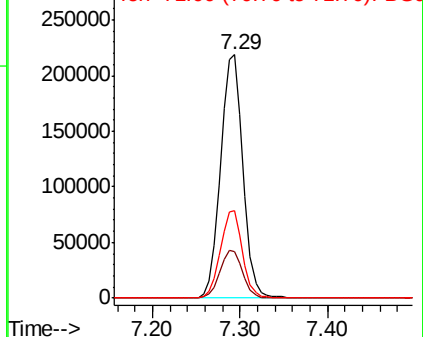
99 100

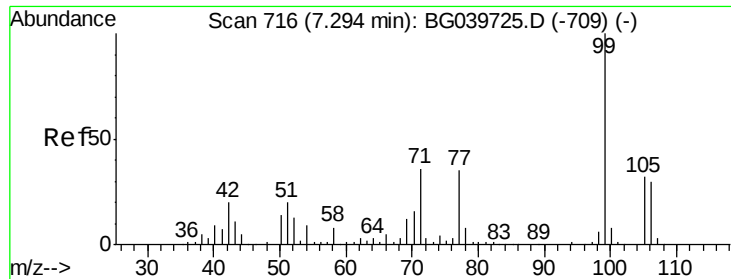
42 18.9 18.2 27.2

71 36.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 0.343 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

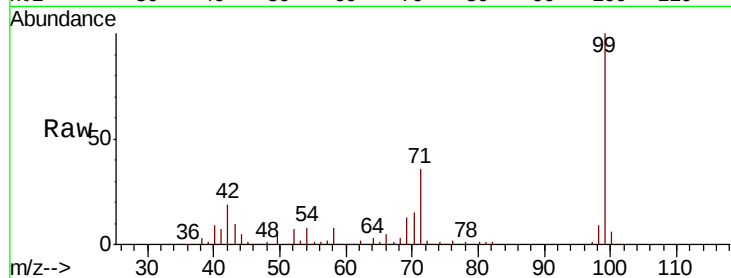
Tgt Ion: 77 Resp: 775

Ion Ratio Lower Upper

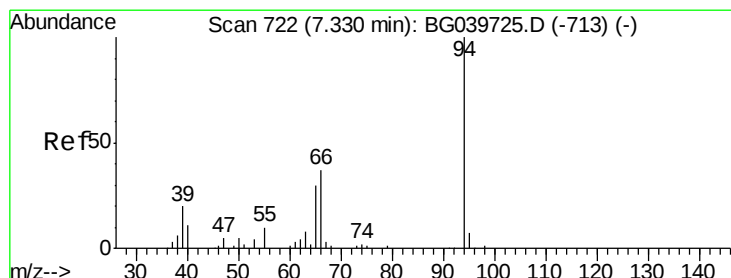
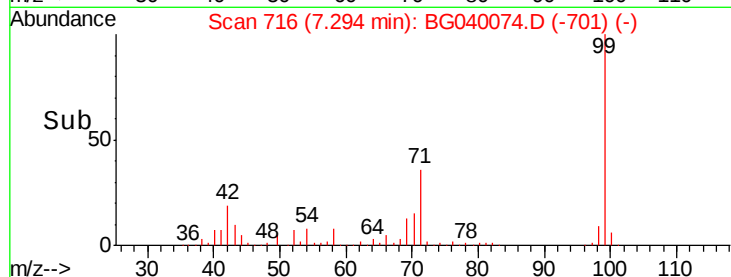
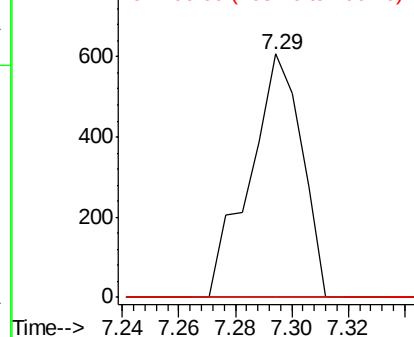
77 100

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: 0.205 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.35 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

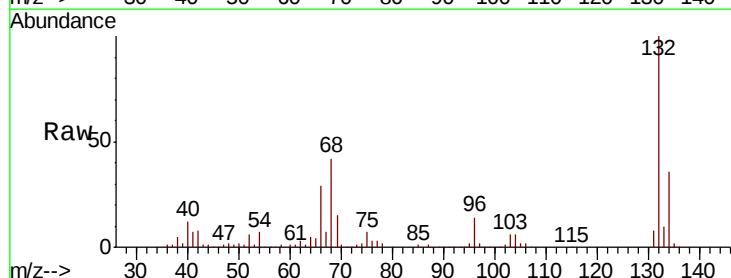
Tgt Ion: 94 Resp: 778

Ion Ratio Lower Upper

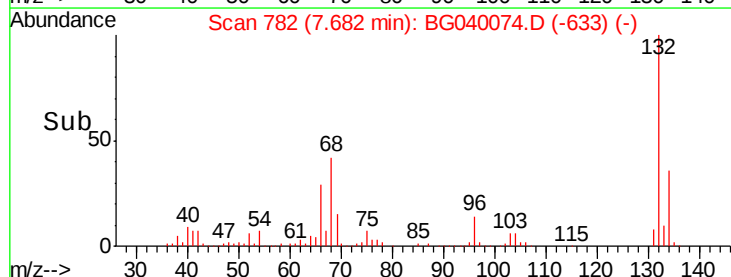
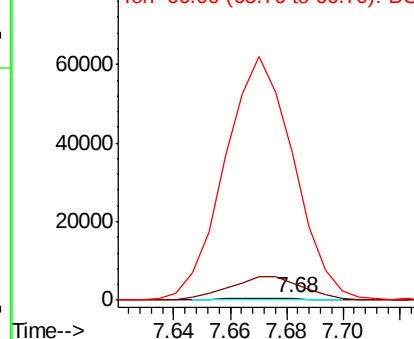
94 100

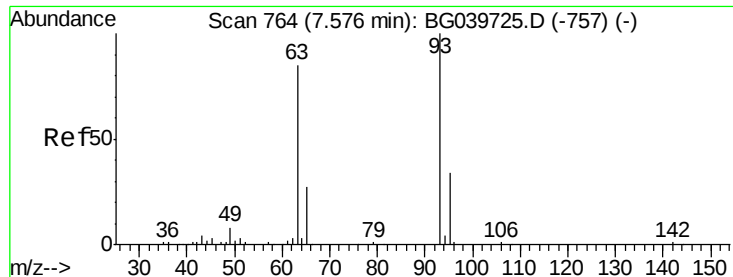
65 784.8 11.7 51.7#

66 6572.0 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: 0.139 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.09 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

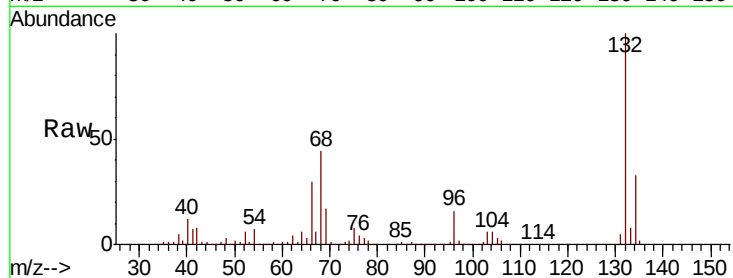
Tgt Ion: 93 Resp: 410

Ion Ratio Lower Upper

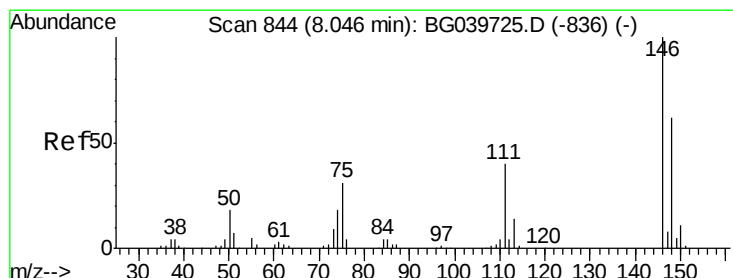
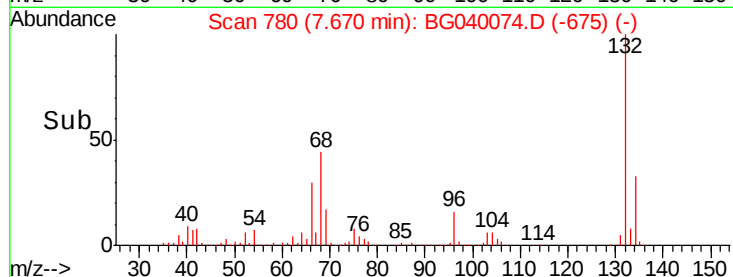
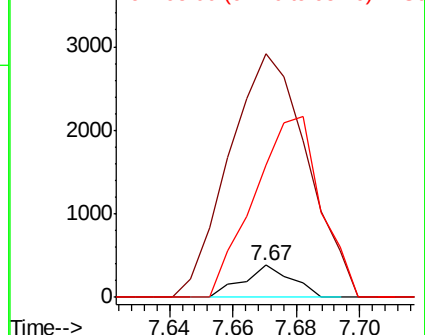
93 100

63 760.8 69.5 109.5#

95 414.4 12.7 52.7#



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



#12

1,3-Dichlorobenzene

Concen: 0.020 ng

RT: 8.19 min Scan# 868

Delta R.T. 0.13 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

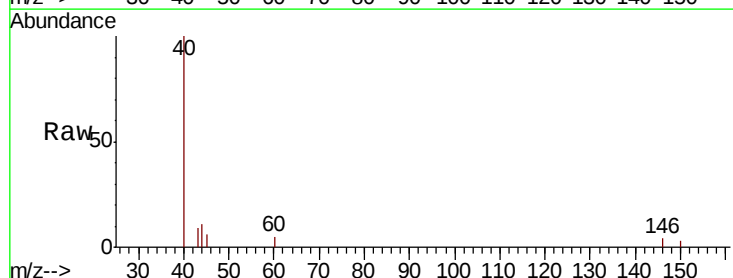
Tgt Ion: 146 Resp: 64

Ion Ratio Lower Upper

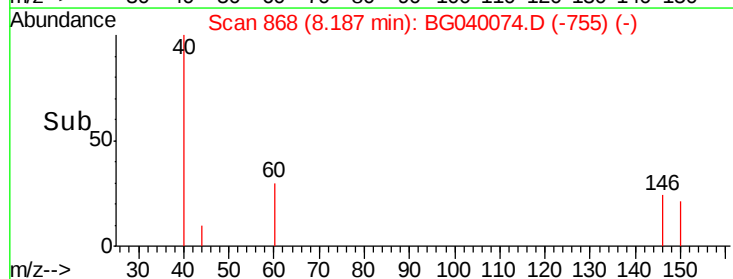
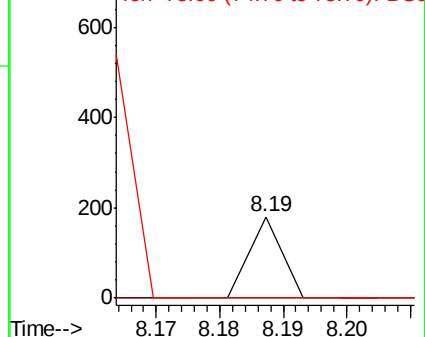
146 100

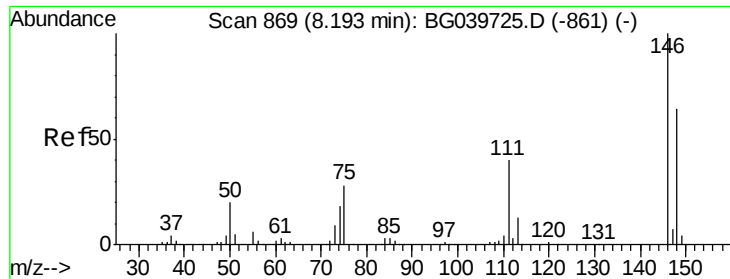
148 0.0 52.6 79.0#

75 0.0 25.8 38.6#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

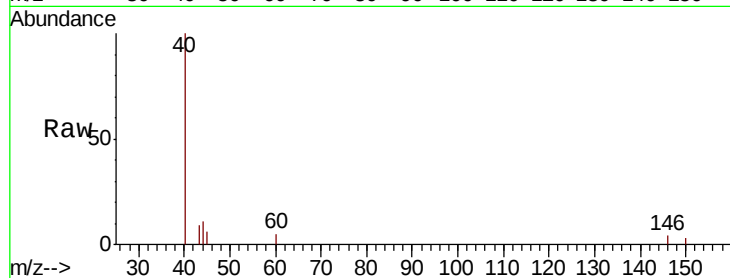




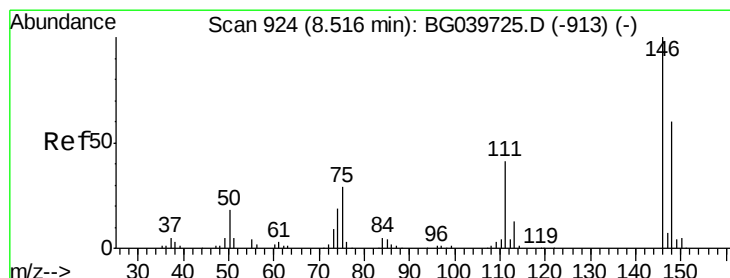
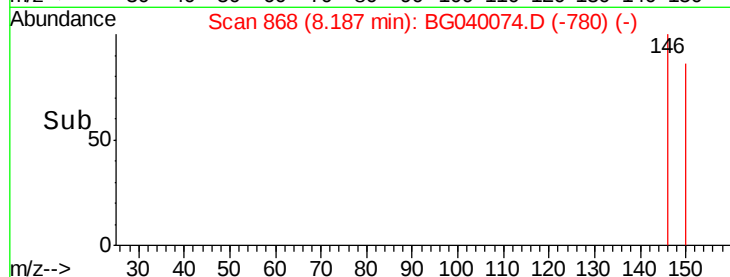
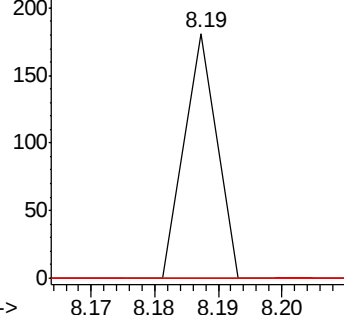
#13
 1,4-Dichlorobenzene
 Concen: 0.020 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032019-C

Tgt Ion:146 Resp: 64
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.1 76.7#
 111 0.0 32.6 48.8#

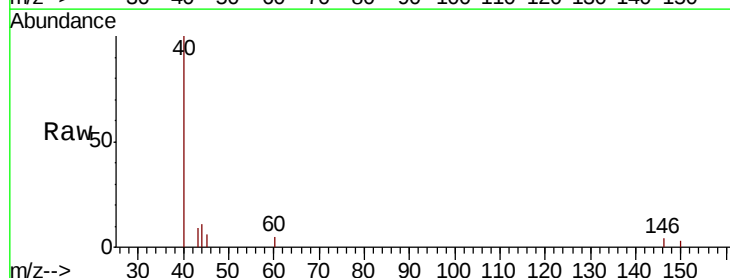


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

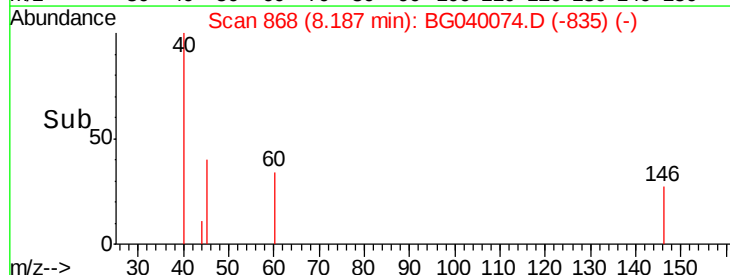
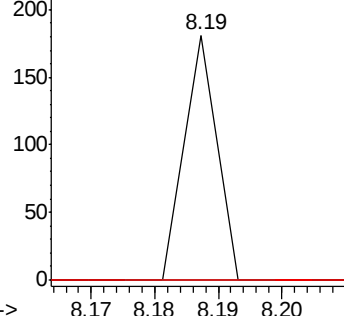


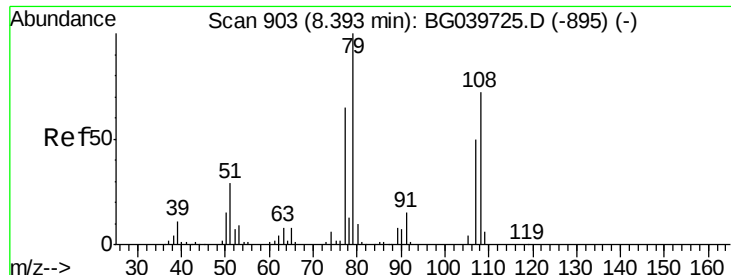
#14
 1,2-Dichlorobenzene
 Concen: 0.020 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.34 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Tgt Ion:146 Resp: 64
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.5 77.3#
 111 0.0 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: 1.540 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.05 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

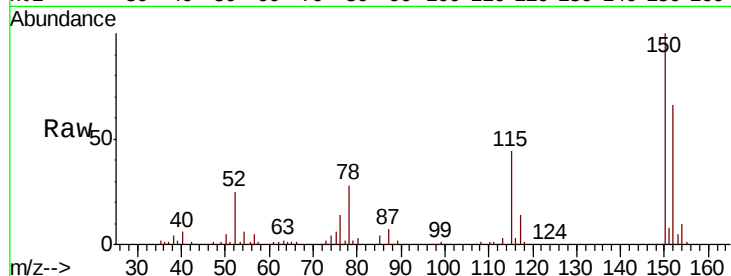
Tgt Ion: 79 Resp: 4276

Ion Ratio Lower Upper

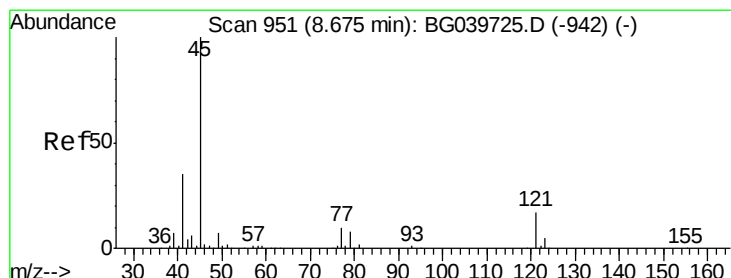
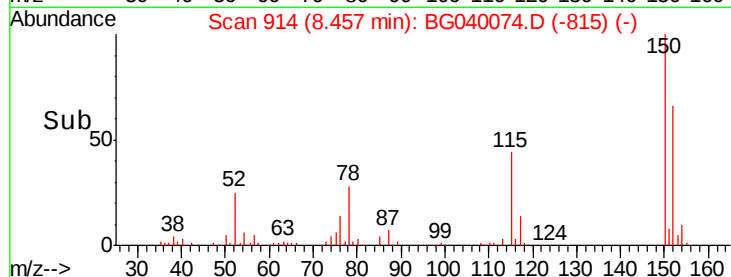
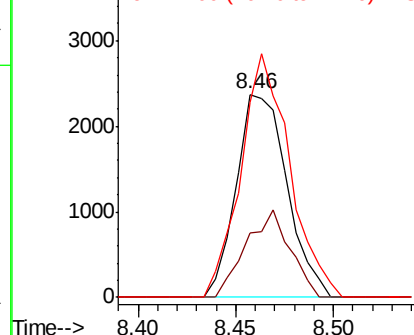
79 100

108 31.5 57.8 86.6#

77 96.0 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: 0.036 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

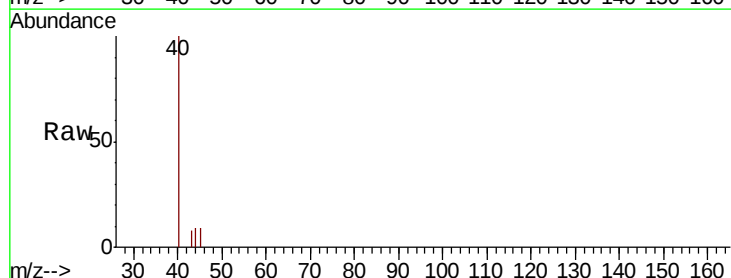
Tgt Ion: 45 Resp: 214

Ion Ratio Lower Upper

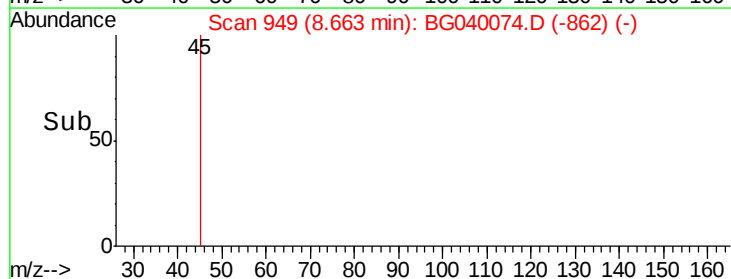
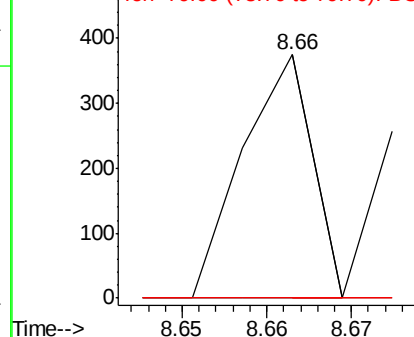
45 100

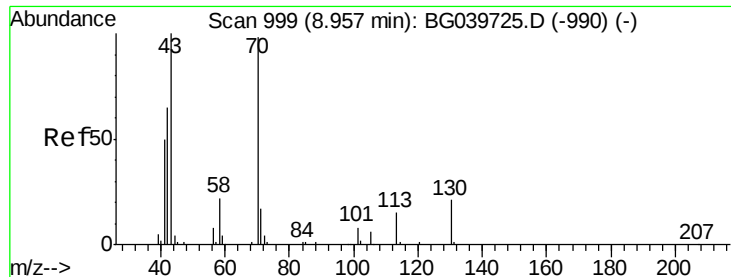
77 0.0 0.0 30.0

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

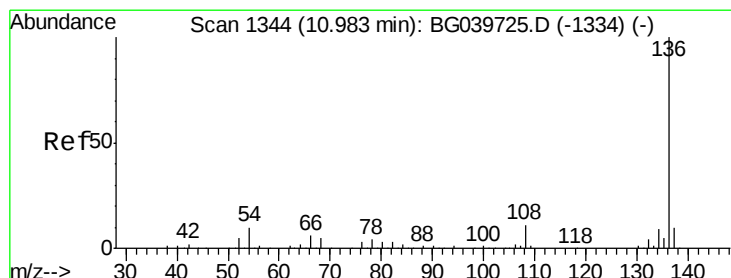
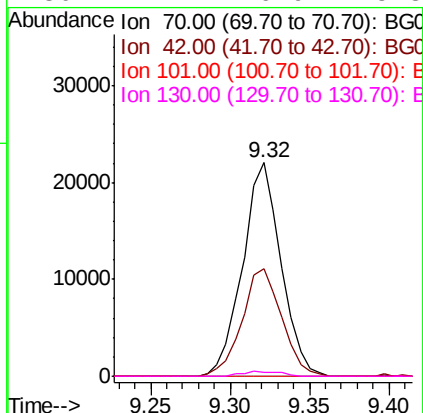
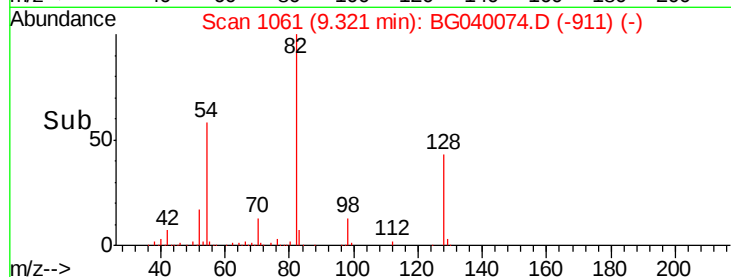
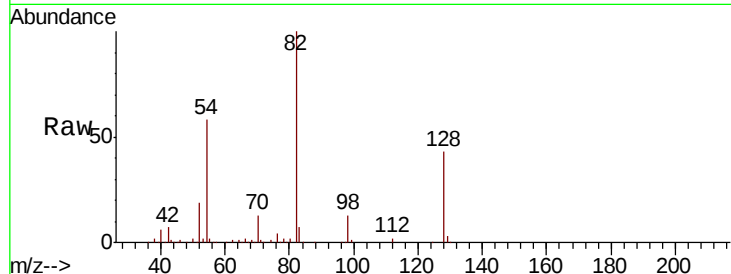




#19
n-Nitroso-di-n-propylamine
Concen: 14.678 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

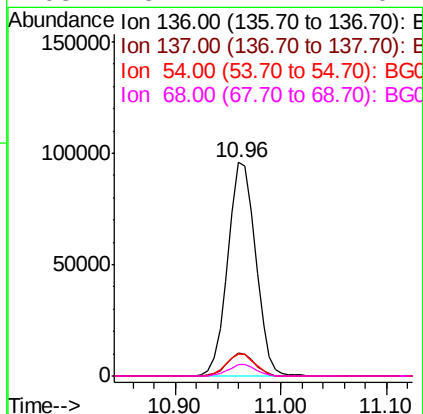
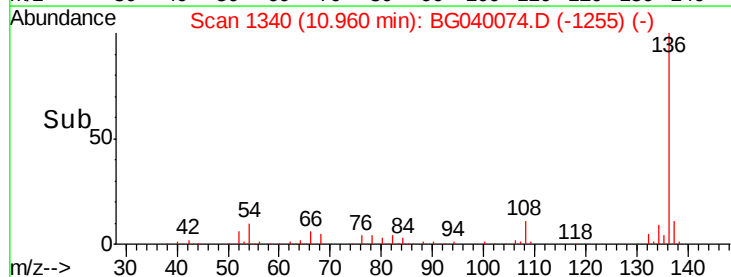
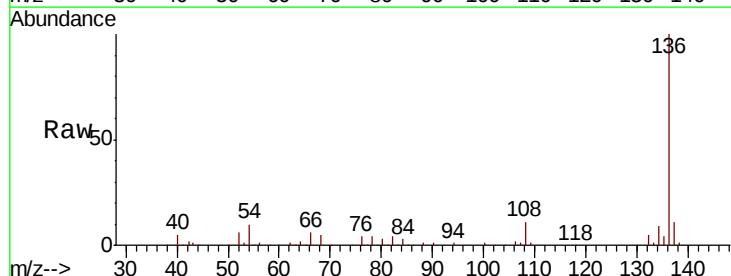
Instrument :
BNA_G
ClientSampleId :
EO-02-032019-C

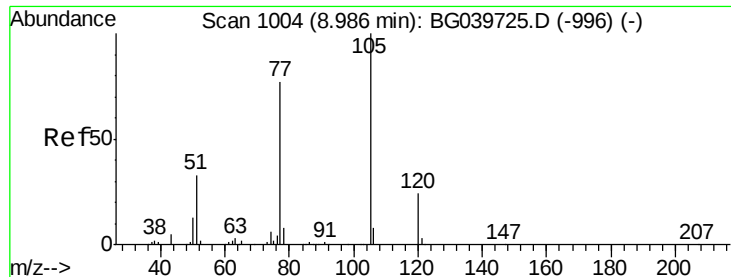
Tgt Ion: 70 Resp: 36969
Ion Ratio Lower Upper
70 100
42 50.6 60.4 90.6#
101 0.0 7.5 11.3#
130 2.1 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion: 136 Resp: 174520
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 10.4 9.4 14.2
68 5.4 4.2 6.4

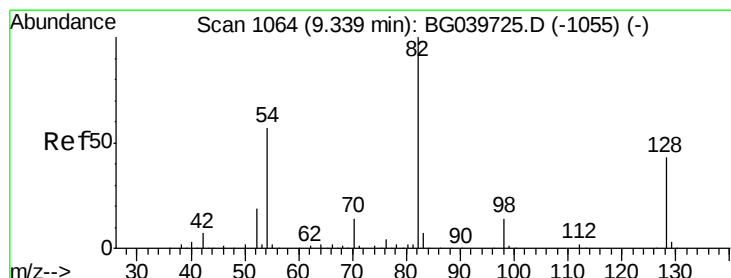
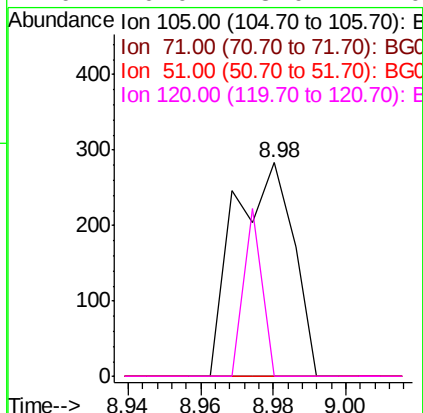
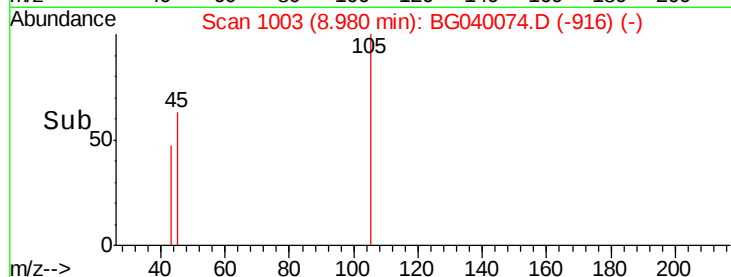
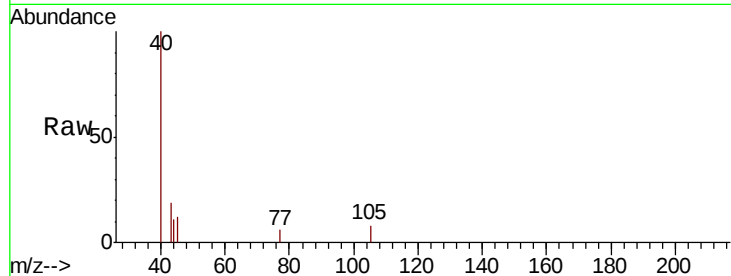




#22
Acetophenone
Concen: 0.068 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

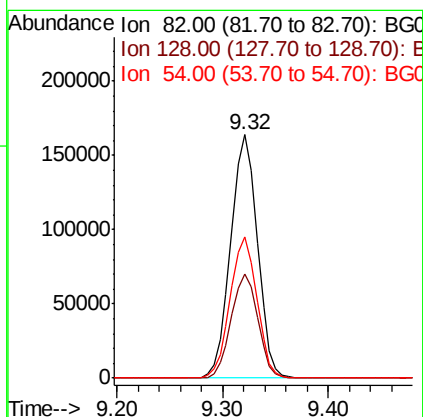
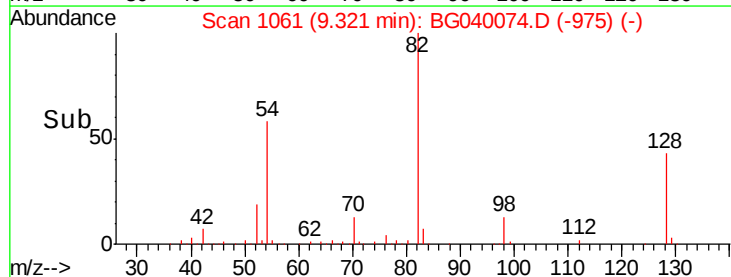
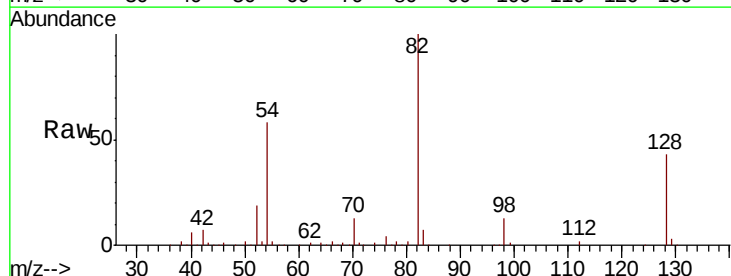
Instrument :
BNA_G
ClientSampleId :
EO-02-032019-C

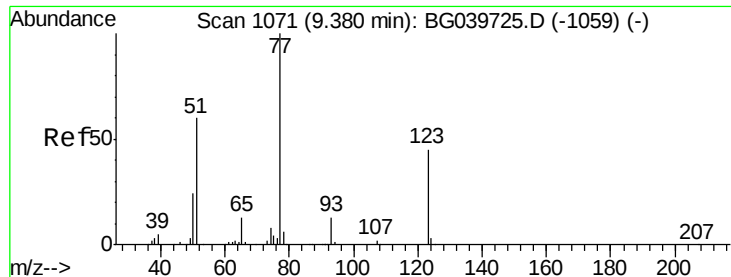
Tgt Ion: 105 Resp: 319
Ion Ratio Lower Upper
105 100
71 0.0 0.8 1.2#
51 0.0 30.2 45.2#
120 0.0 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 88.935 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion: 82 Resp: 286979
Ion Ratio Lower Upper
82 100
128 42.9 31.3 46.9
54 58.1 50.9 76.3

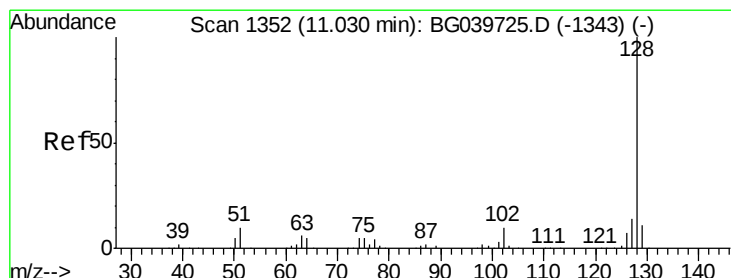
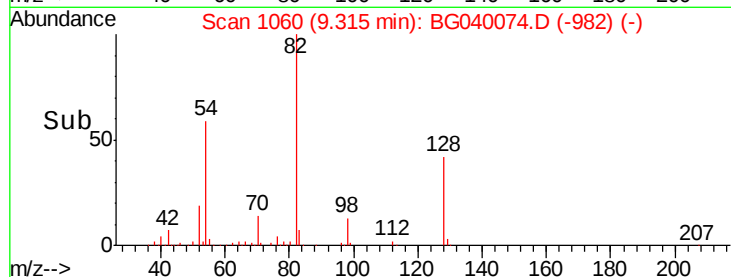
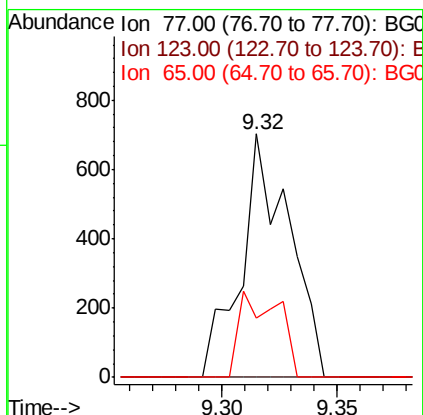
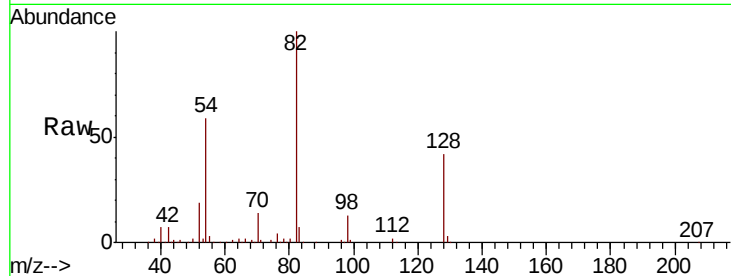




#24
Nitrobenzene
Concen: 0.302 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.07 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

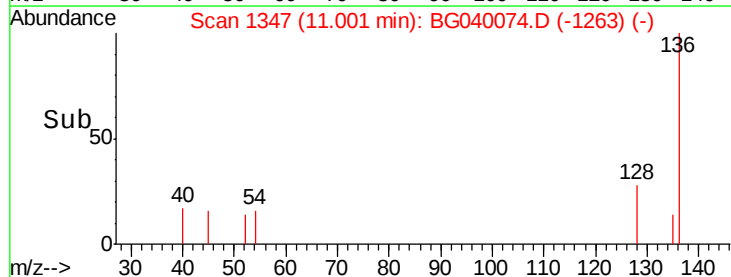
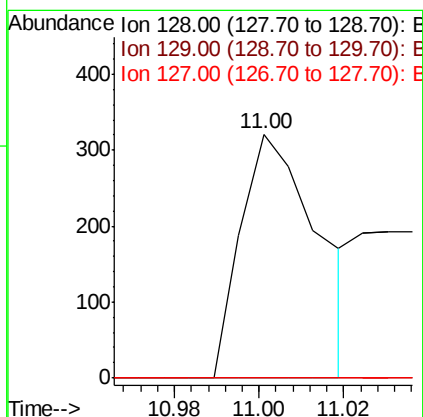
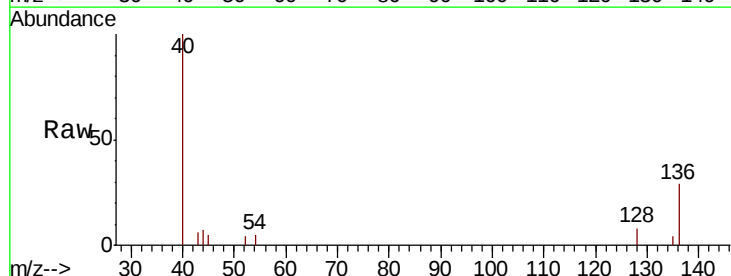
Instrument :
BNA_G
ClientSampleId :
EO-02-032019-C

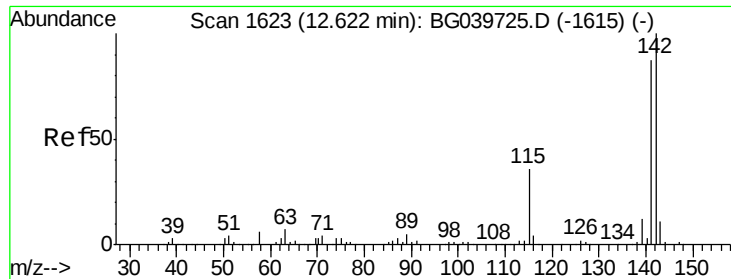
Tgt Ion: 77 Resp: 1023
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 24.5 12.3 18.5#



#31
Naphthalene
Concen: 0.044 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.04 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion: 128 Resp: 406
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.8 16.2#

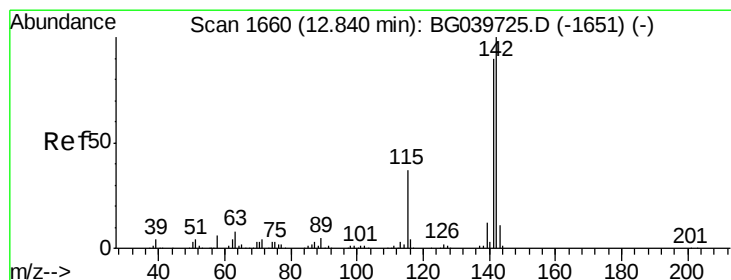
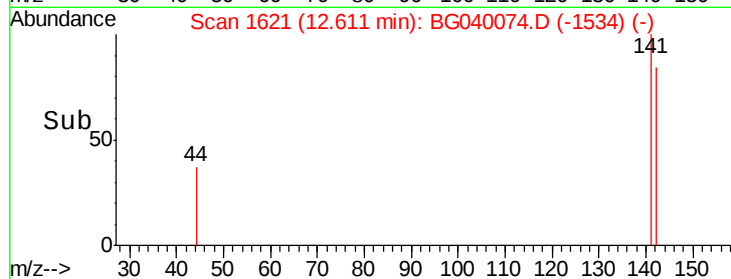
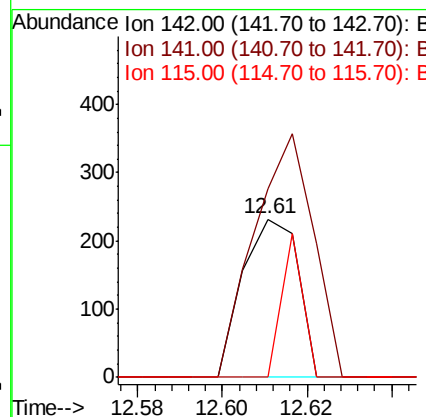
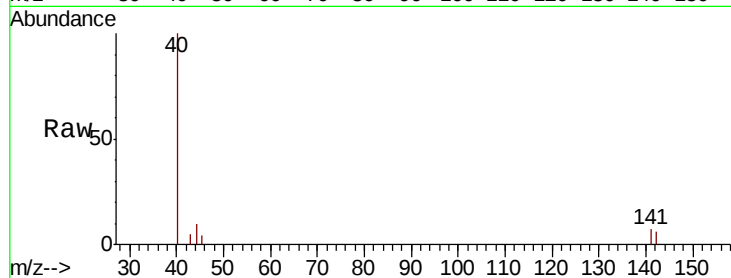




#37
 2-Methylnaphthalene
 Concen: 0.031 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

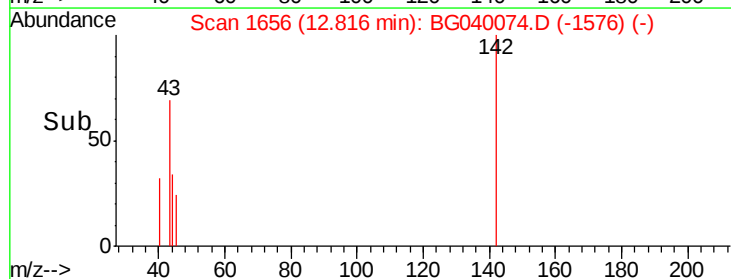
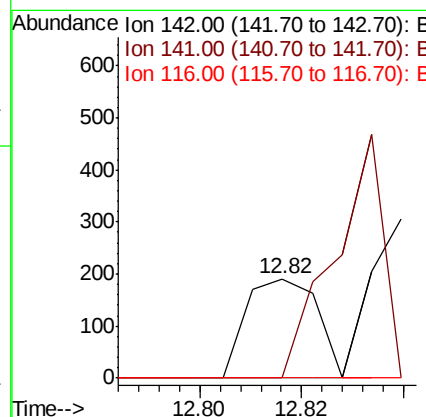
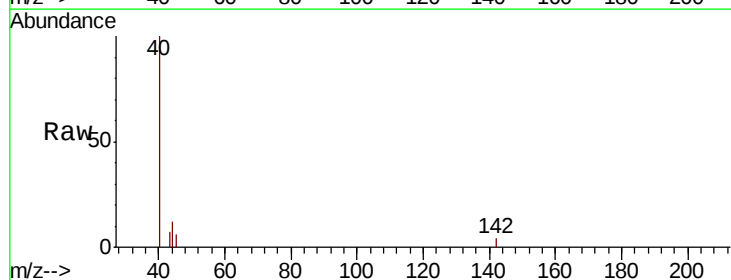
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032019-C

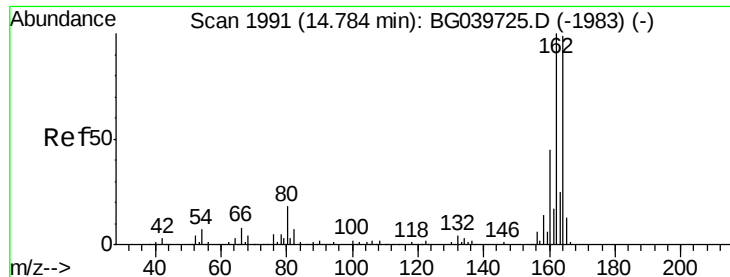
Tgt Ion:142 Resp: 211
 Ion Ratio Lower Upper
 142 100
 141 119.0 73.5 110.3#
 115 0.0 30.8 46.2#



#38
 1-Methylnaphthalene
 Concen: 0.027 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Tgt Ion:142 Resp: 184
 Ion Ratio Lower Upper
 142 100
 141 0.0 74.2 111.4#
 116 0.0 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

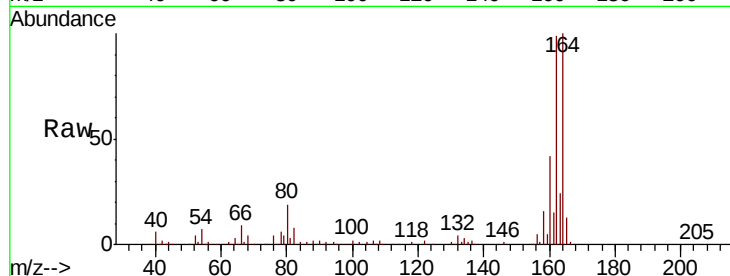
Tgt Ion:164 Resp: 123072

Ion Ratio Lower Upper

164 100

162 98.7 81.6 122.4

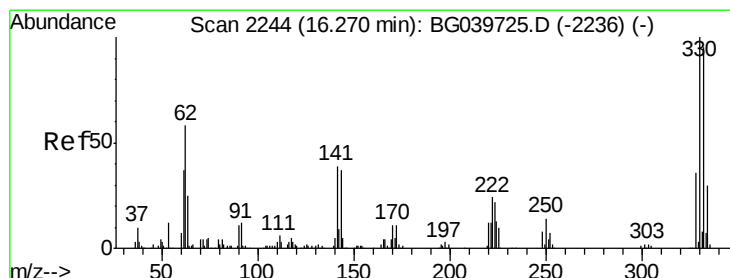
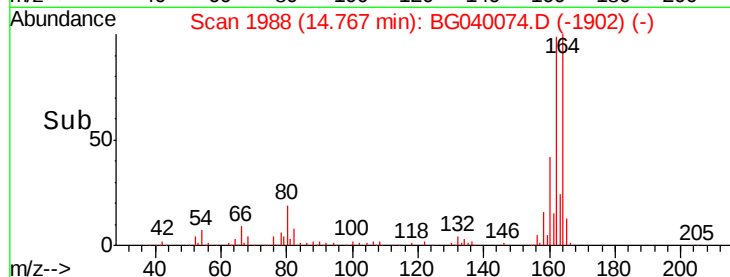
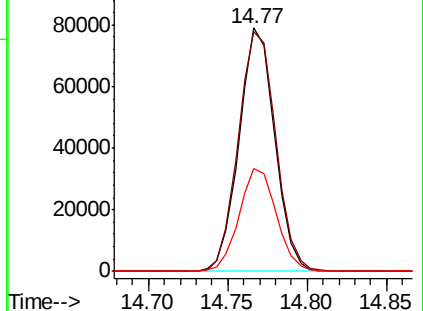
160 42.4 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 133.073 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

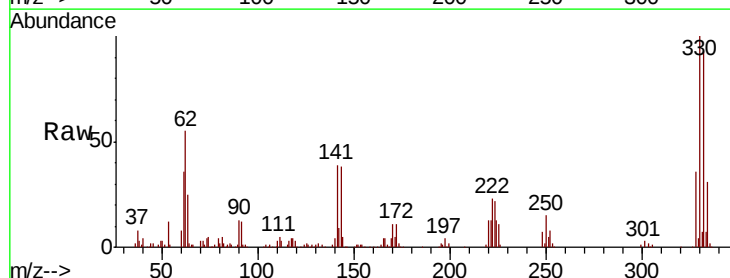
Tgt Ion:330 Resp: 190893

Ion Ratio Lower Upper

330 100

332 94.1 75.7 113.5

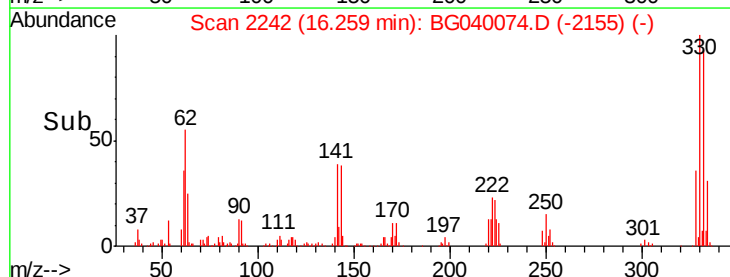
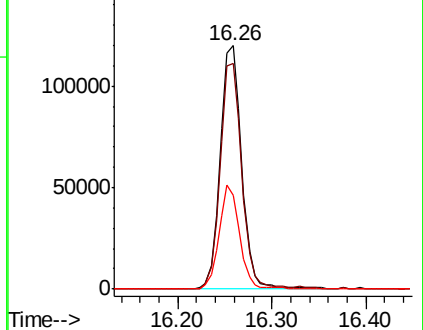
141 40.9 35.6 53.4

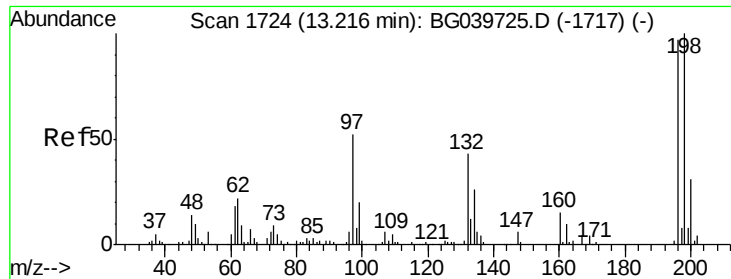


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

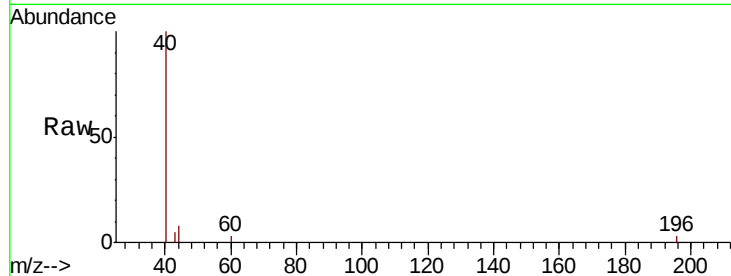




#43
 2,4,6-Trichlorophenol
 Concen: 0.026 ng
 RT: 13.00 min Scan# 1688
 Delta R.T. -0.22 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032019-C

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	80.6	121.0#
200	0.0	26.1	39.1#

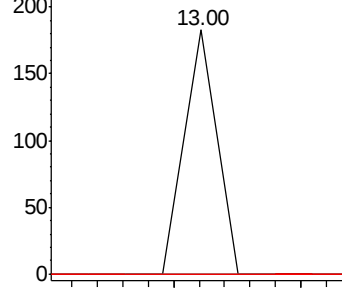


Abundance

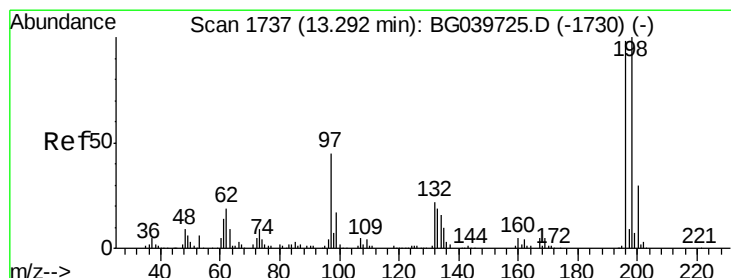
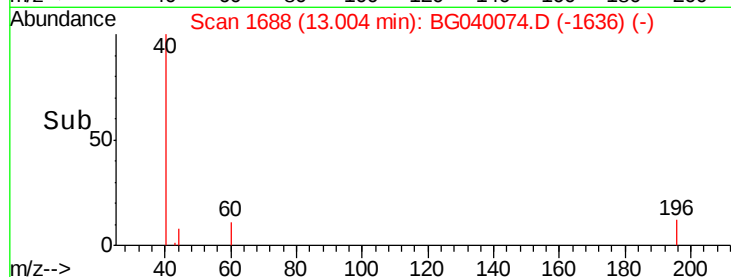
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

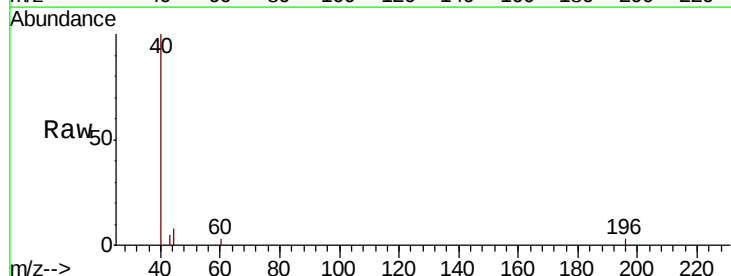


Time-->



#44
 2,4,5-Trichlorophenol
 Concen: 0.023 ng
 RT: 13.00 min Scan# 1688
 Delta R.T. -0.29 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.5	117.7#
97	0.0	38.4	57.6#
132	0.0	19.2	28.8#



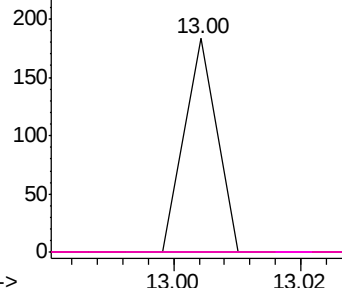
Abundance

Ion 196.00 (195.70 to 196.70): E

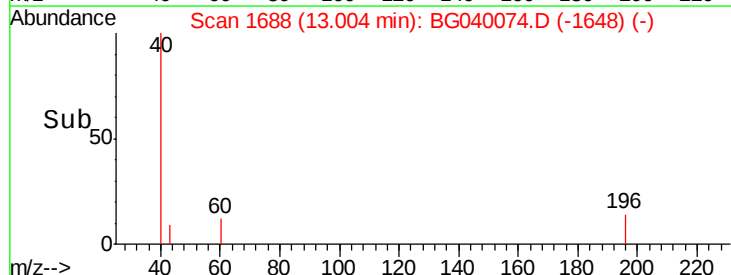
Ion 198.00 (197.70 to 198.70): E

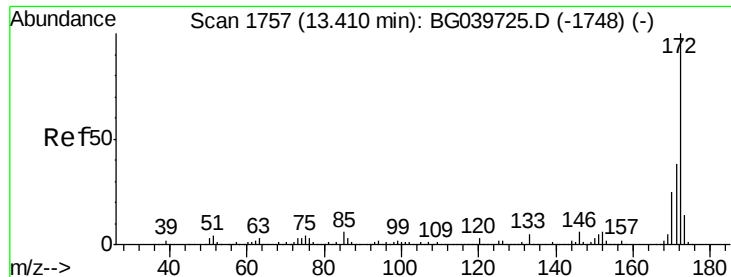
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



Time-->





#45

2-Fluorobiphenyl

Concen: 84.498 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

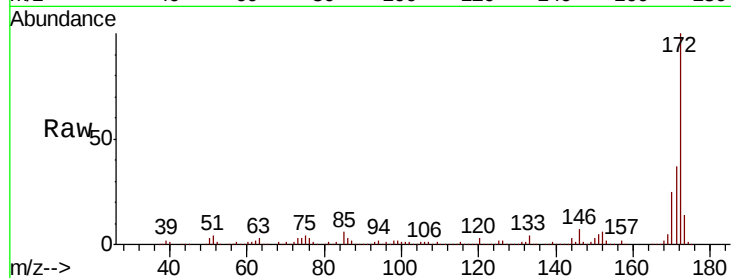
Tgt Ion:172 Resp: 730376

Ion Ratio Lower Upper

172 100

171 37.5 30.8 46.2

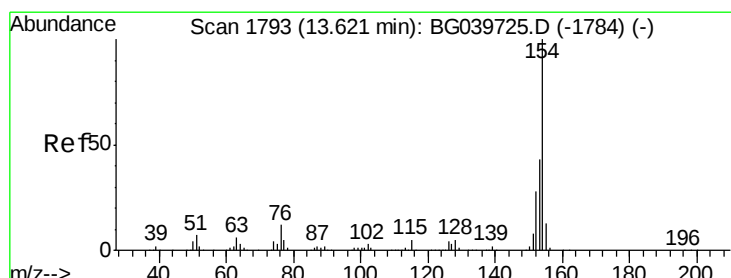
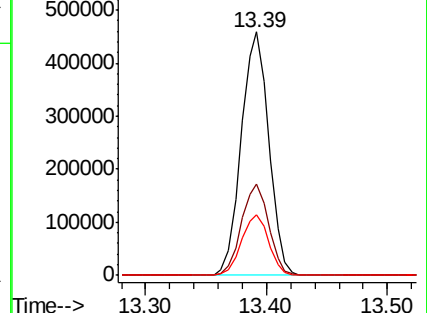
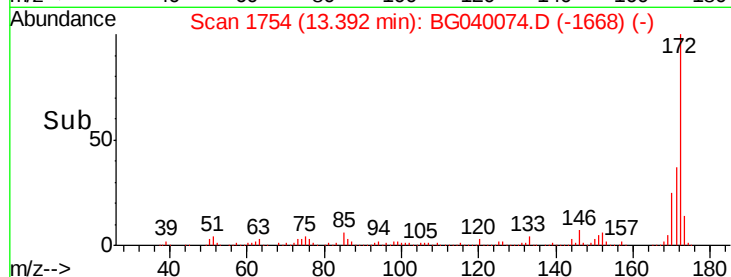
170 25.1 20.2 30.4



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: 0.116 ng

RT: 13.60 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

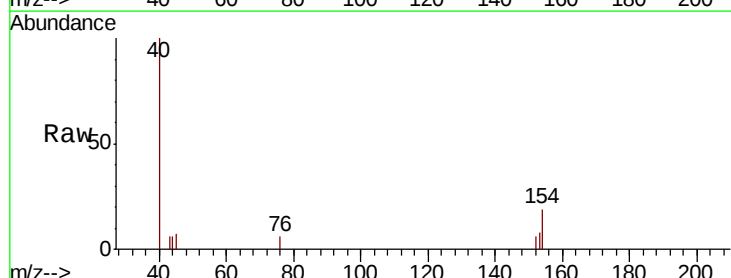
Tgt Ion:154 Resp: 1179

Ion Ratio Lower Upper

154 100

153 39.9 22.1 62.1

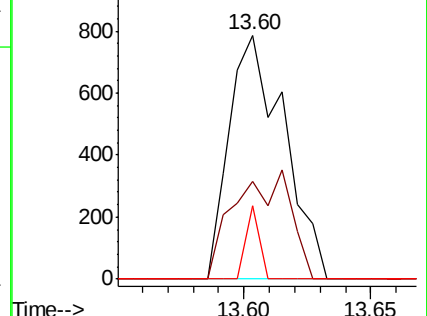
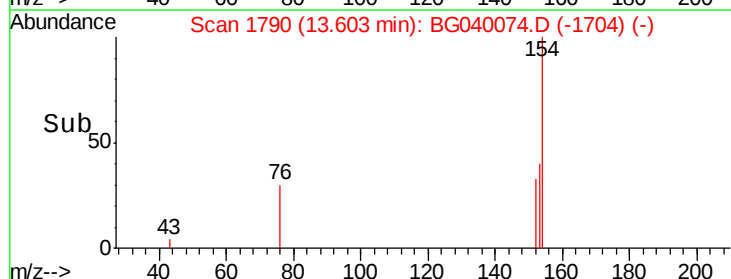
76 30.0 0.0 32.4

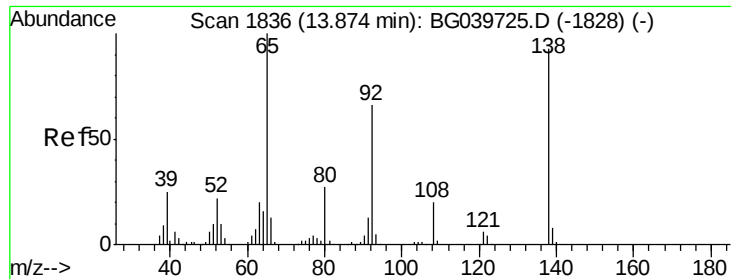


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#48

2-Nitroaniline

Concen: 0.505 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.49 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

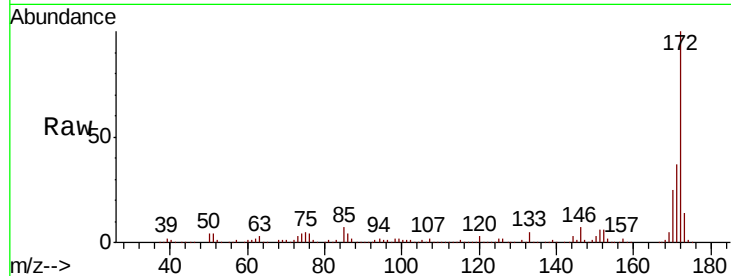
Tgt Ion: 65 Resp: 1235

Ion Ratio Lower Upper

65 100

92 229.3 51.4 77.2#

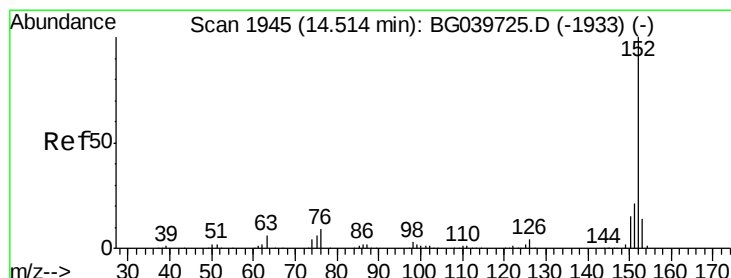
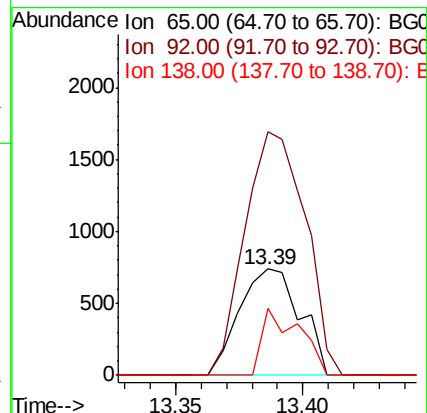
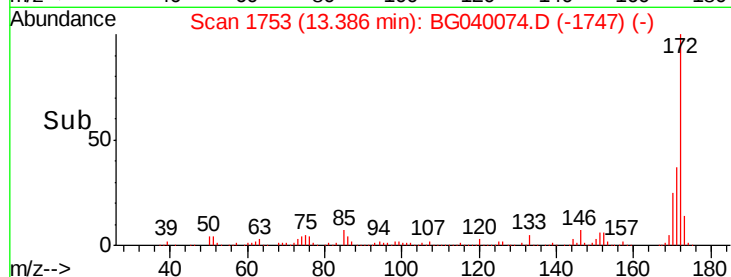
138 63.6 71.4 107.2#



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): BGC



#49

Acenaphthylene

Concen: 0.006 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.32 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

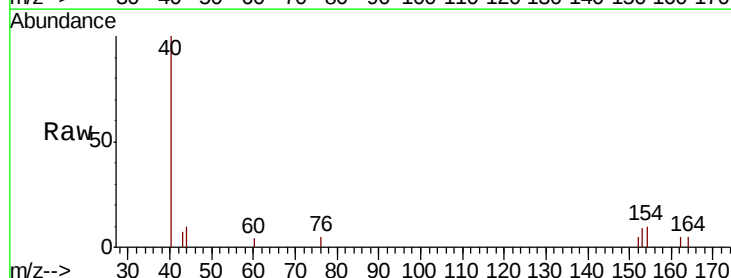
Tgt Ion: 152 Resp: 69

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

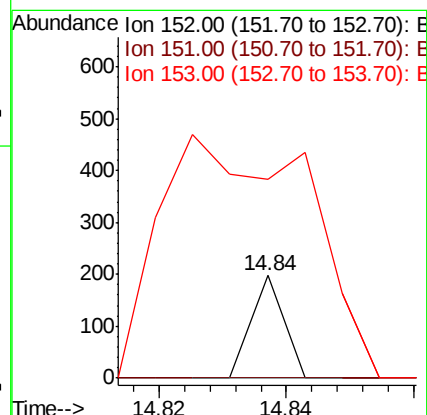
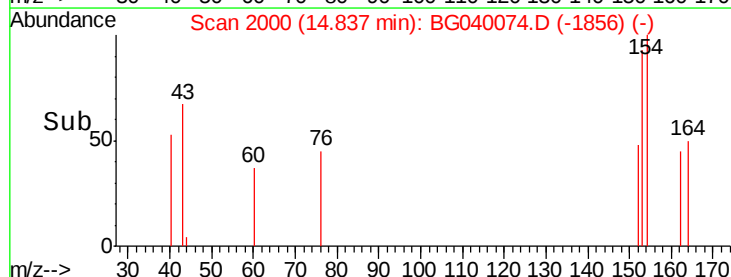
153 194.4 11.7 17.5#

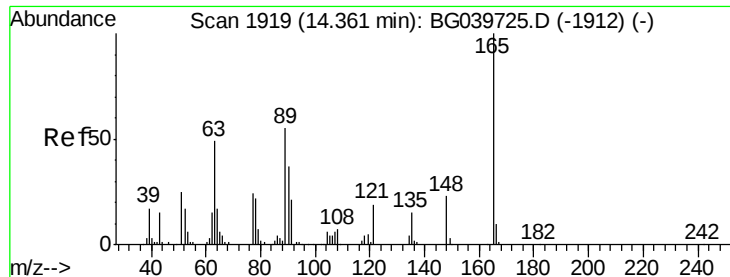


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

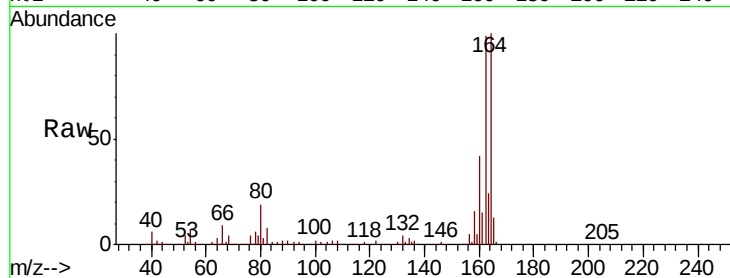




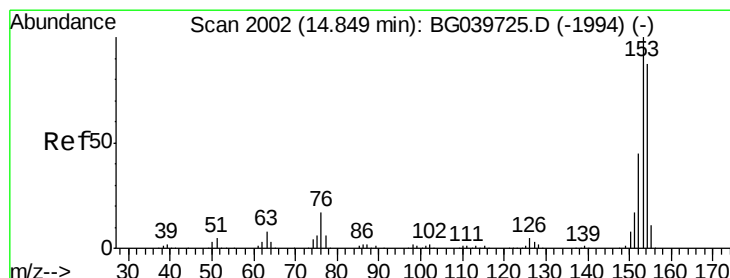
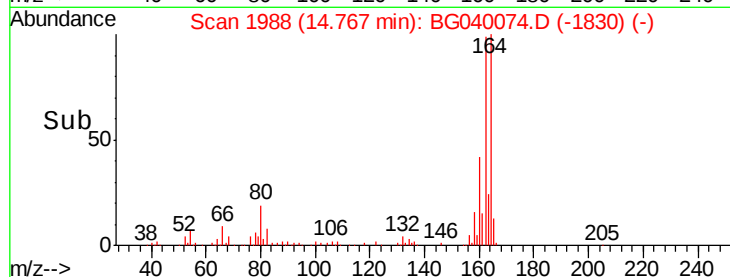
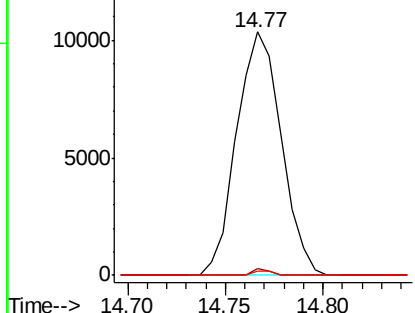
#51
 2,6-Dinitrotoluene
 Concen: 7.522 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032019-C

Tgt Ion:165 Resp: 16411
 Ion Ratio Lower Upper
 165 100
 63 2.6 47.0 70.6#
 89 1.8 45.8 68.8#

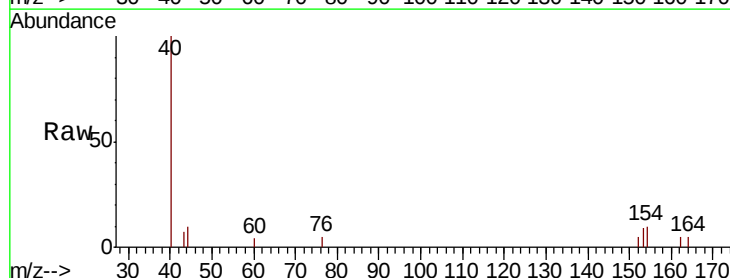


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

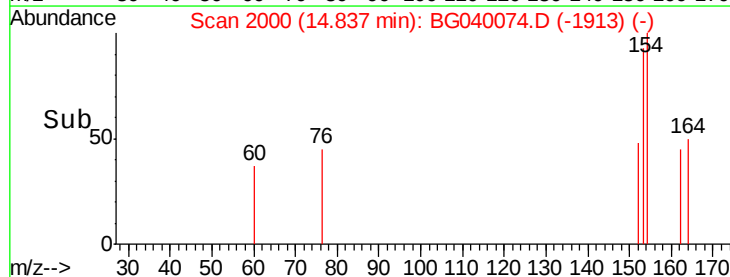
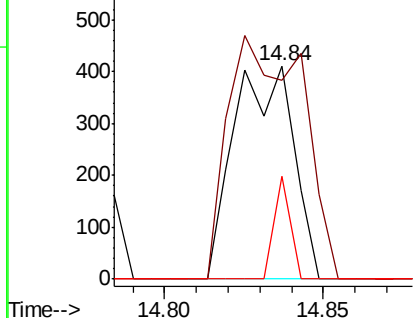


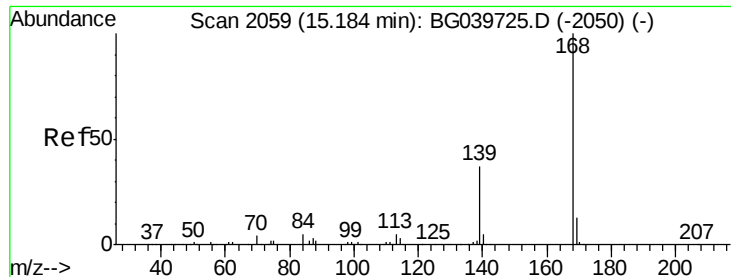
#52
 Acenaphthene
 Concen: 0.071 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Tgt Ion:154 Resp: 533
 Ion Ratio Lower Upper
 154 100
 153 93.2 90.1 135.1
 152 47.9 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: 0.015 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

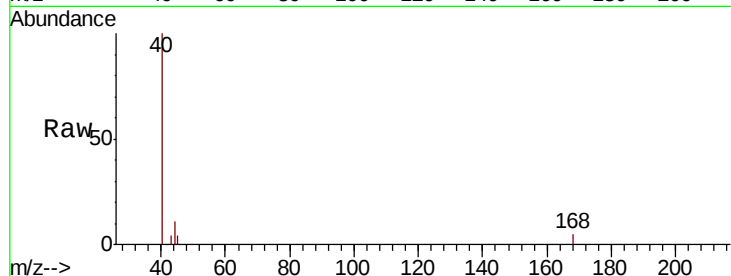
Tgt Ion:168 Resp: 191

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

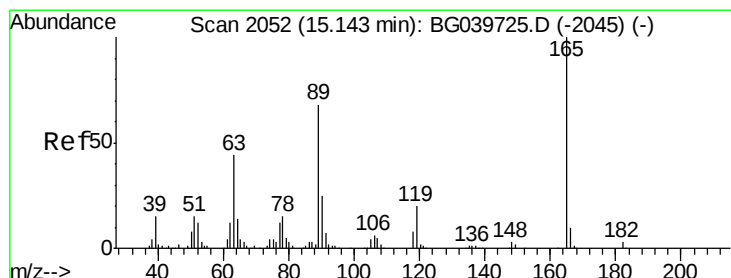
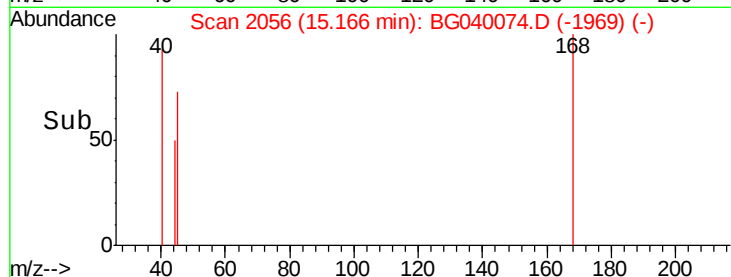
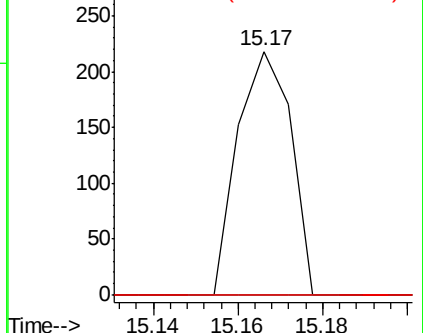
169 0.0 10.6 16.0#



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: 5.353 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Tgt Ion:165 Resp: 16411

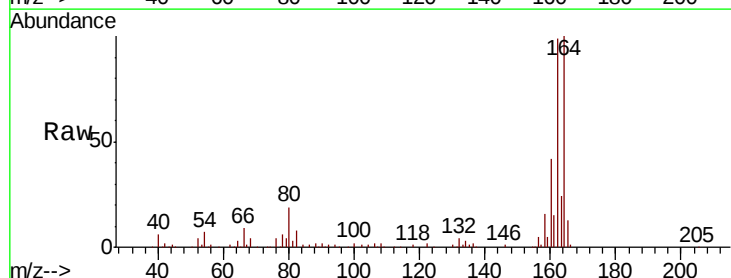
Ion Ratio Lower Upper

165 100

63 2.6 41.0 61.6#

89 1.8 64.6 96.8#

182 0.0 2.0 3.0#

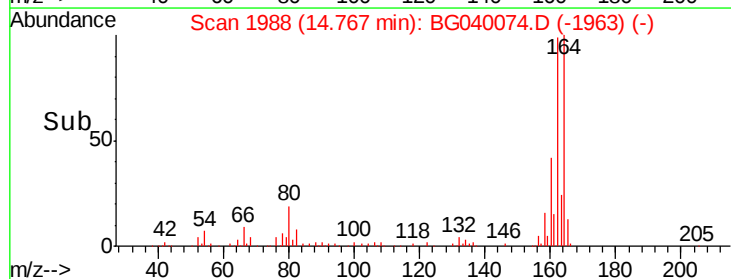
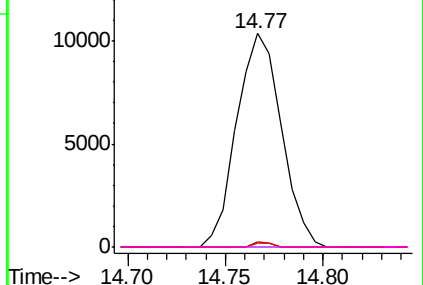


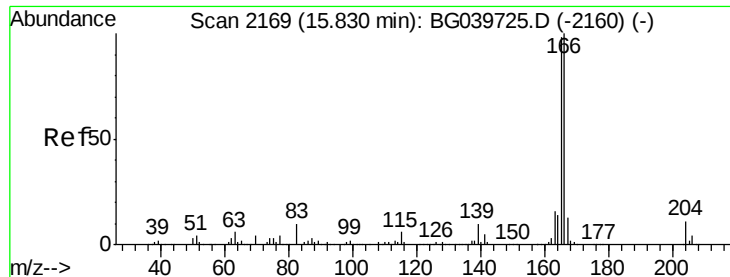
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.049 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

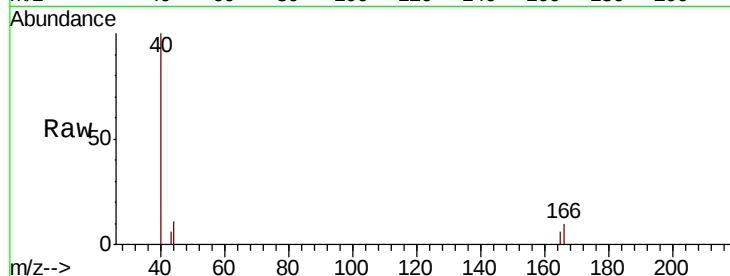
Tgt Ion:166 Resp: 480

Ion Ratio Lower Upper

166 100

165 59.2 77.9 116.9#

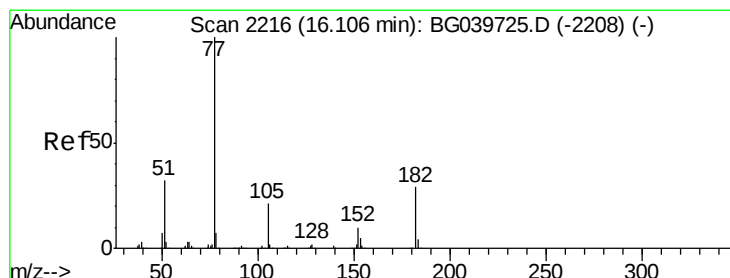
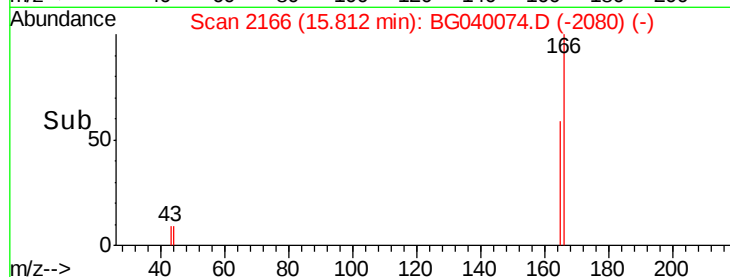
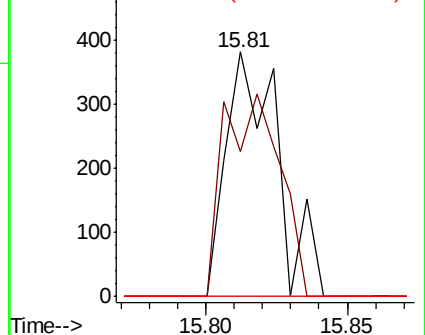
167 0.0 10.8 16.2#



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



#63

Azobenzene

Concen: 0.117 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.15 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Tgt Ion: 77 Resp: 1079

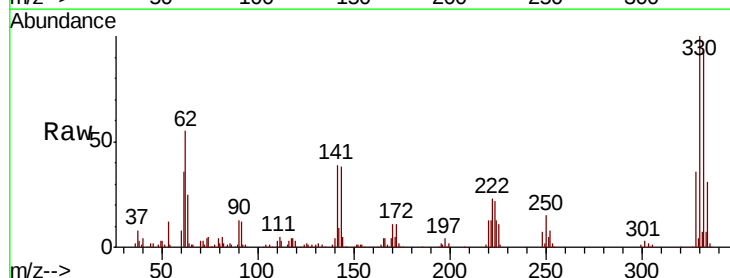
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 65.9 0.0 39.8#

51 79.0 14.1 54.1#

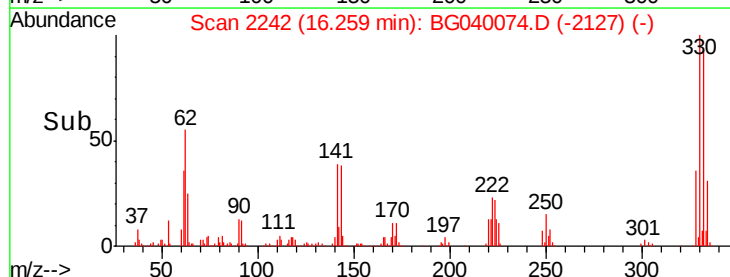
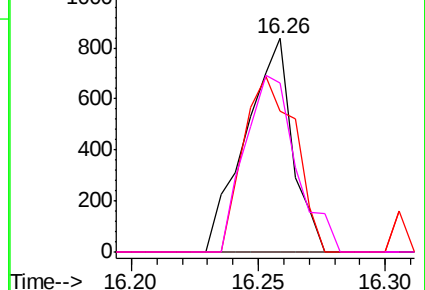


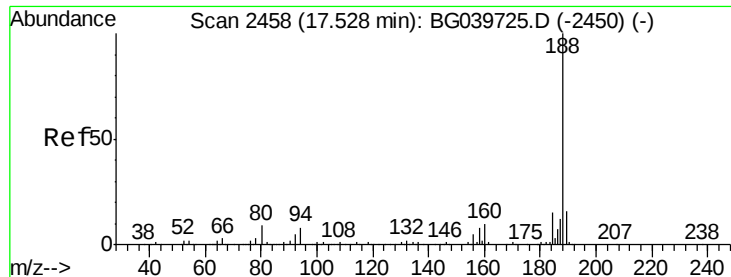
Abundance Ion 77.00 (76.70 to 77.70): BGC

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): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

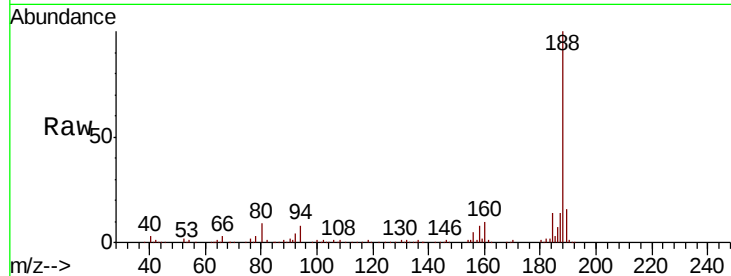
Tgt Ion:188 Resp: 311360

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

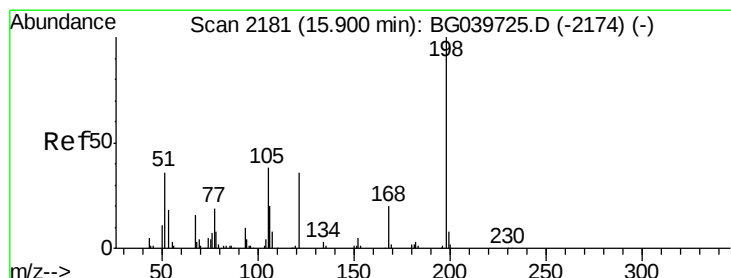
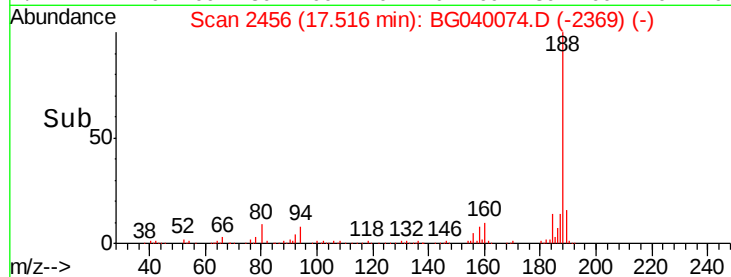
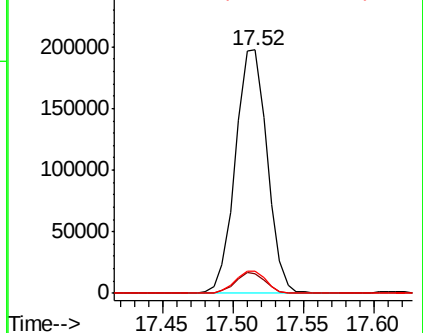
80 9.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 0.367 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.35 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

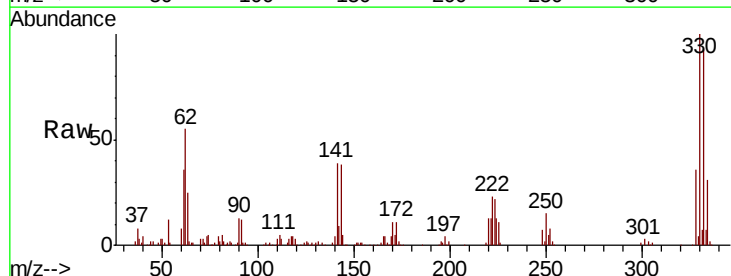
Tgt Ion:198 Resp: 675

Ion Ratio Lower Upper

198 100

51 138.0 27.4 67.4#

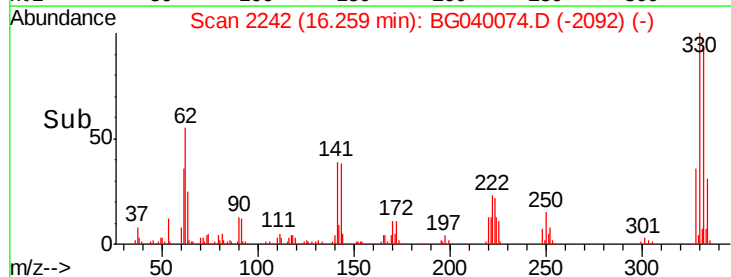
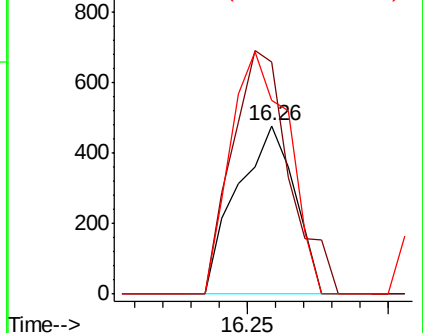
105 115.2 19.7 59.7#

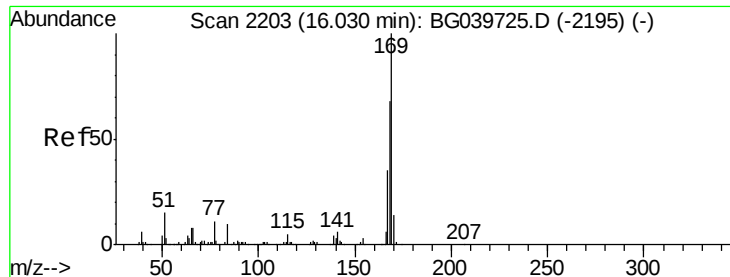


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

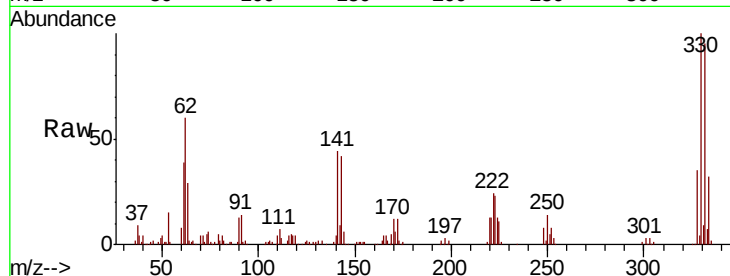




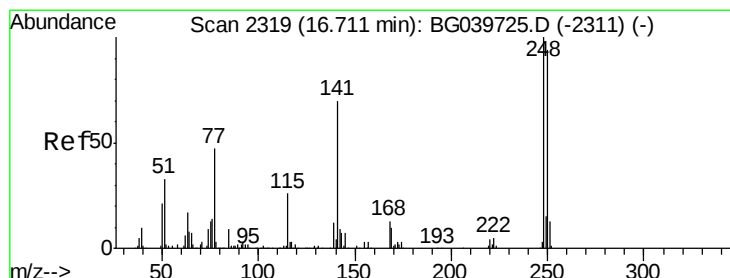
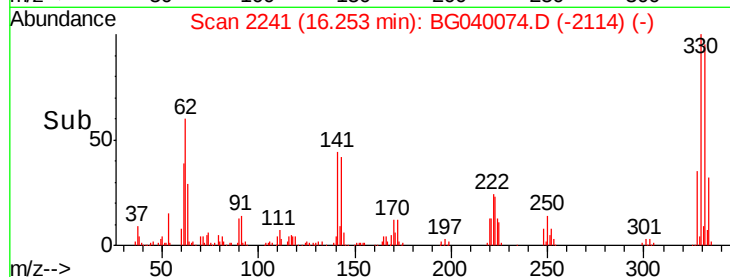
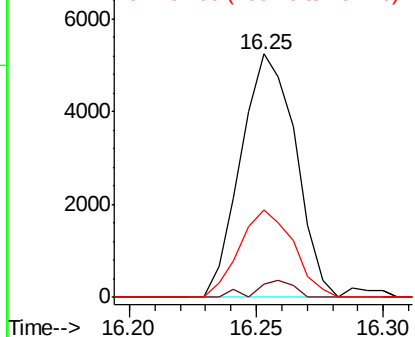
#66
 n-Nitrosodiphenylamine
 Concen: 0.876 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032019-C

Tgt Ion:169 Resp: 7898
 Ion Ratio Lower Upper
 169 100
 168 5.6 56.6 85.0#
 167 36.0 28.8 43.2

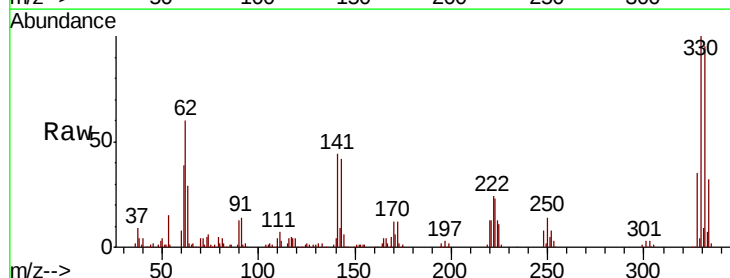


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

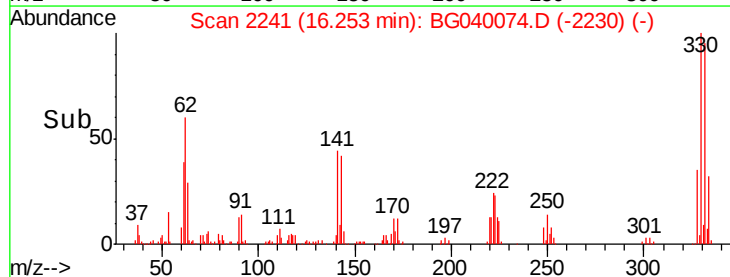
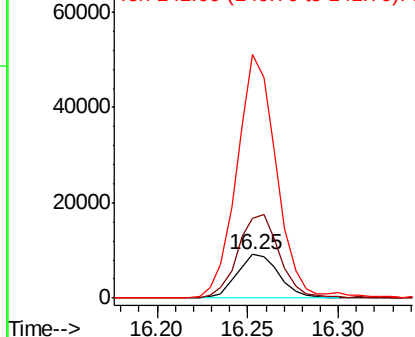


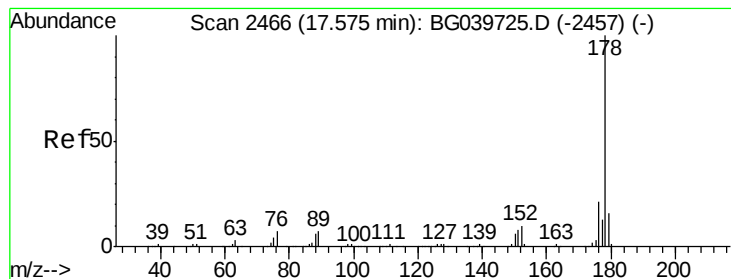
#67
 4-Bromophenyl-phenylether
 Concen: 4.205 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Tgt Ion:248 Resp: 14655
 Ion Ratio Lower Upper
 248 100
 250 182.4 77.6 116.4#
 141 556.0 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: 0.116 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

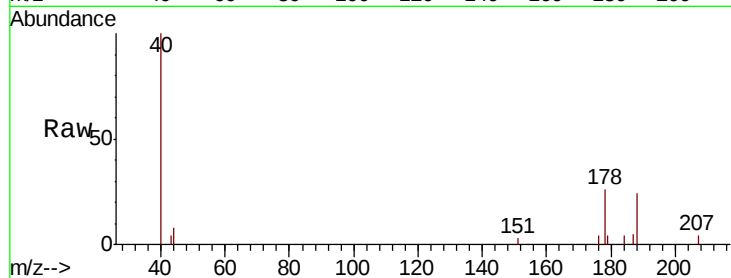
Tgt Ion:178 Resp: 1996

Ion Ratio Lower Upper

178 100

176 16.7 16.2 24.4

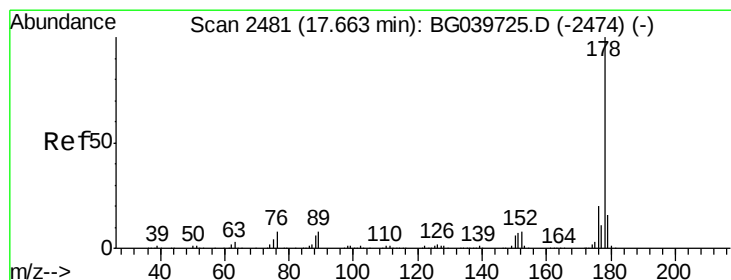
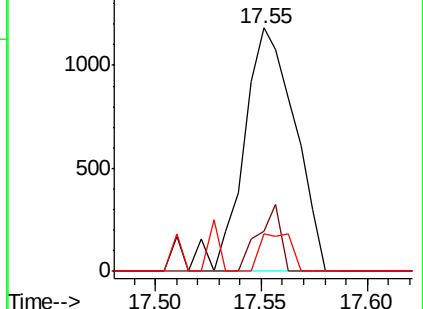
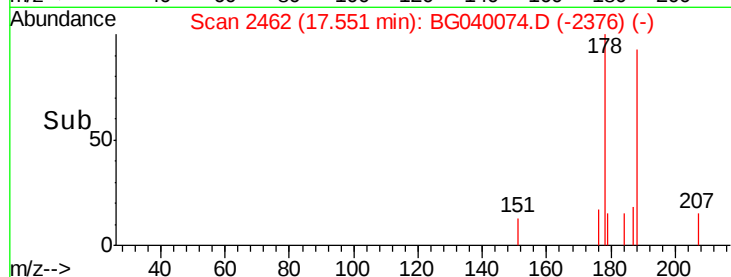
179 15.5 12.6 19.0



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: 0.119 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.12 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

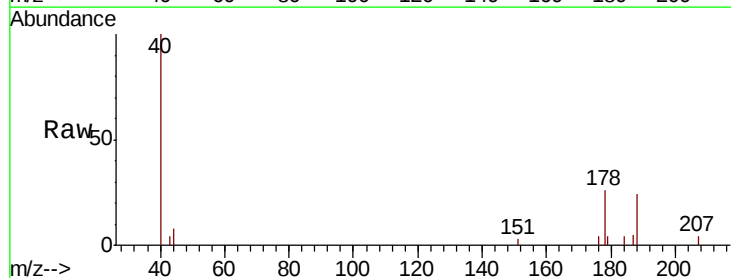
Tgt Ion:178 Resp: 1996

Ion Ratio Lower Upper

178 100

176 16.7 15.8 23.6

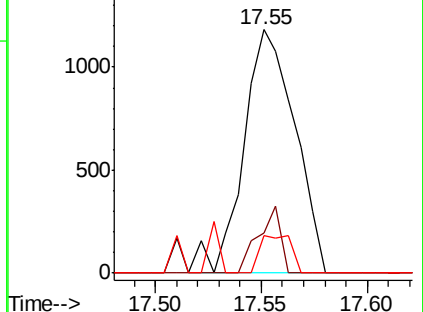
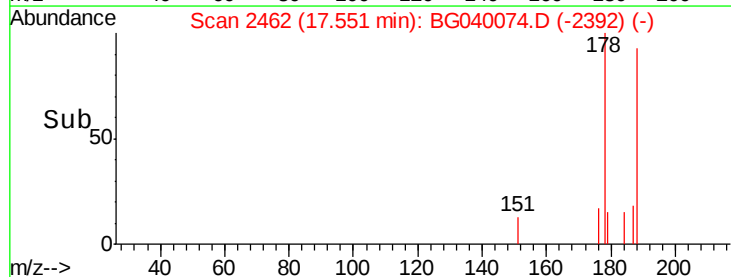
179 15.5 12.5 18.7

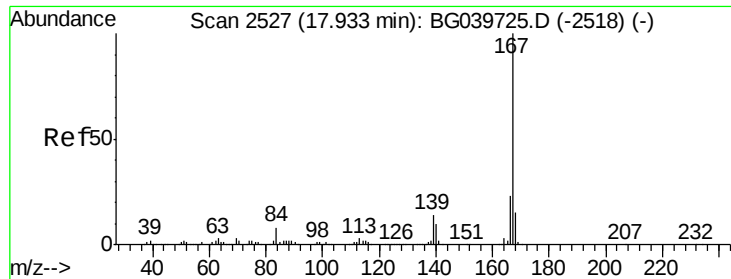


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

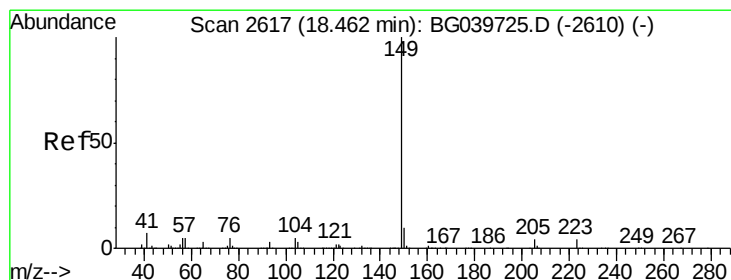
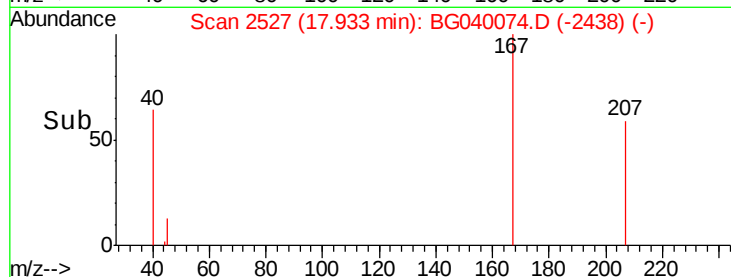
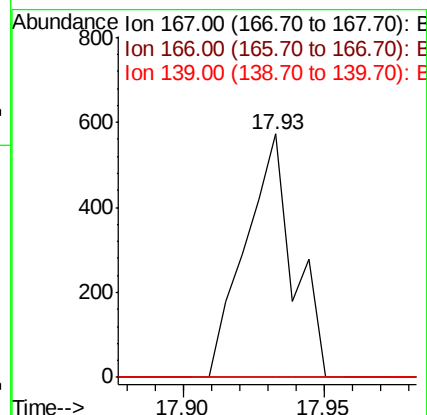
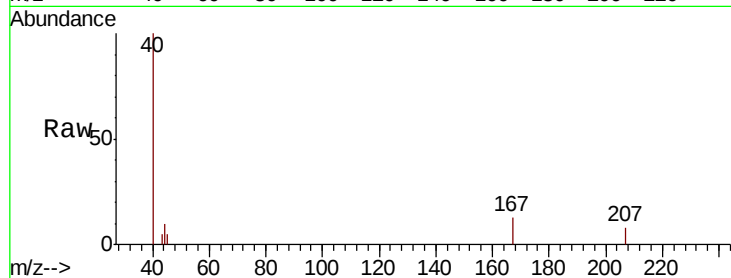




#73
 Carbazole
 Concen: 0.045 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

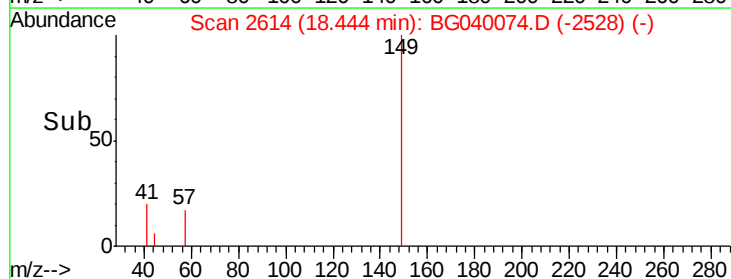
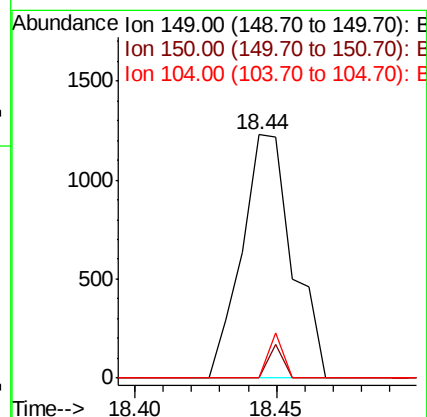
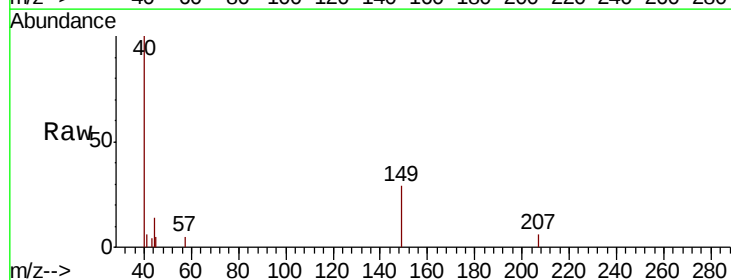
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032019-C

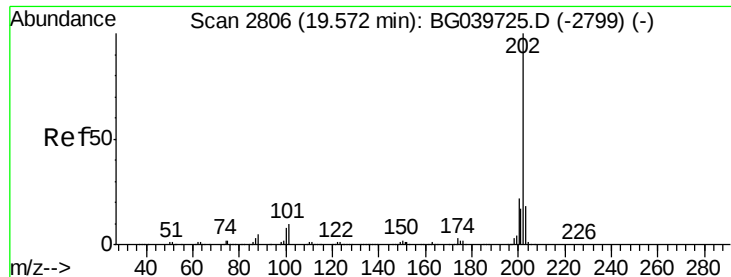
Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	19.4	29.2#
139	0.0	10.8	16.2#



#74
 Di-n-butylphthalate
 Concen: 0.086 ng
 RT: 18.44 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.5	6.7#





#75

Fluoranthene

Concen: 0.023 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

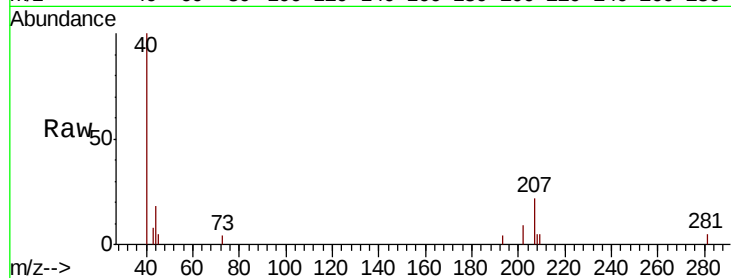
Tgt Ion:202 Resp: 468

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

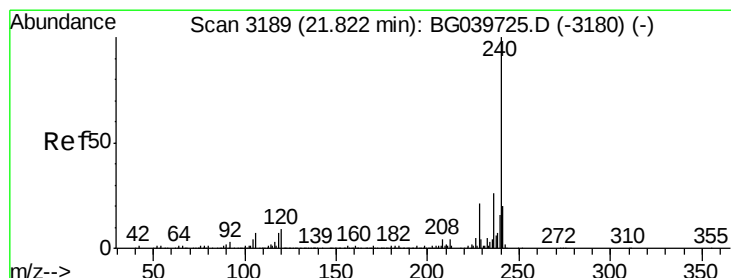
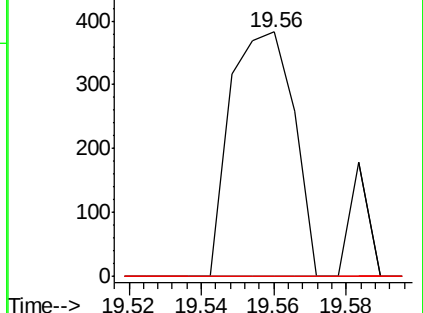
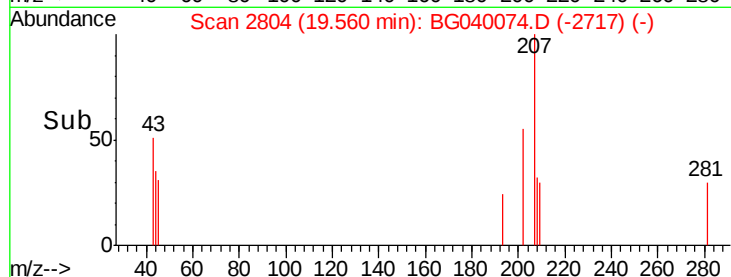
203 0.0 0.0 38.9



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

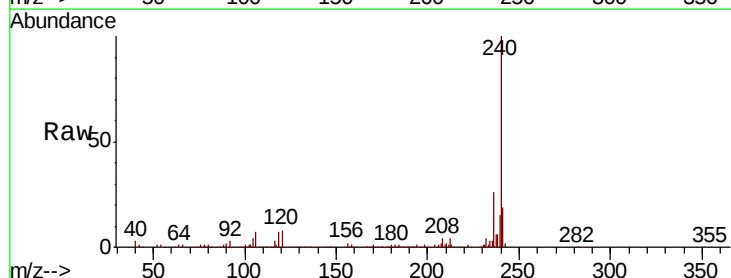
Tgt Ion:240 Resp: 311180

Ion Ratio Lower Upper

240 100

120 7.6 7.0 10.6

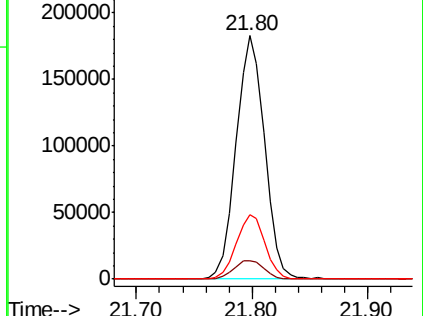
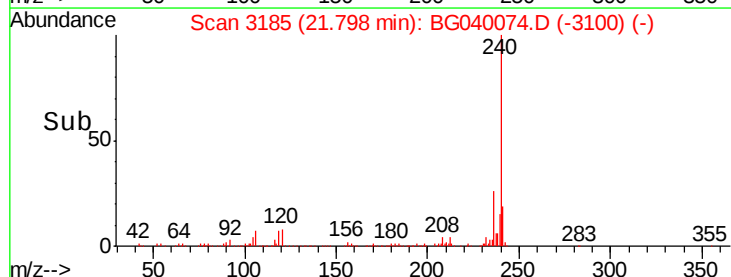
236 26.2 21.0 31.4

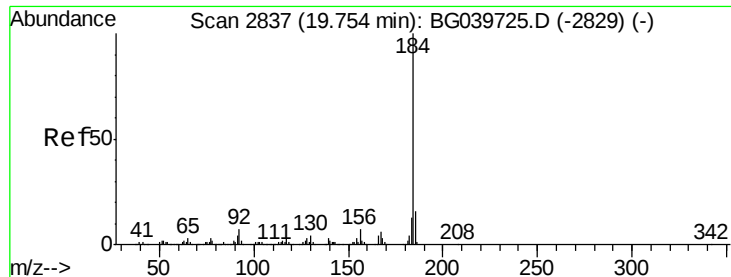


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.199 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.35 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

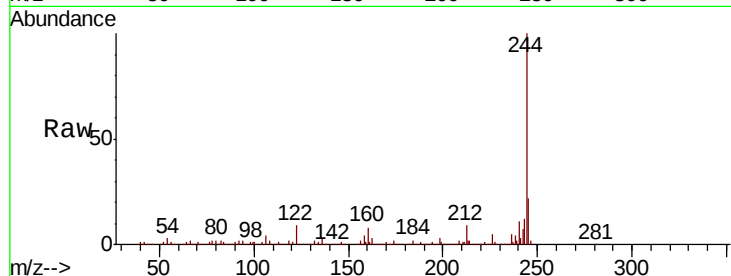
Tgt Ion:184 Resp: 21716

Ion Ratio Lower Upper

184 100

185 17.7 12.2 18.2

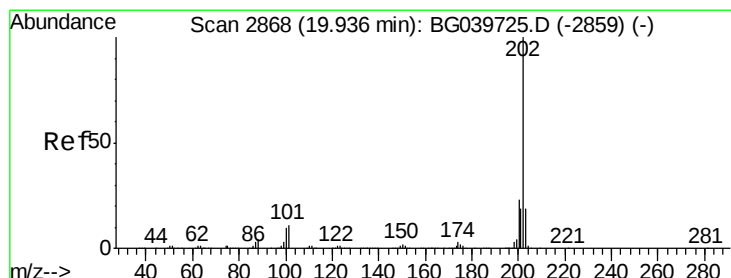
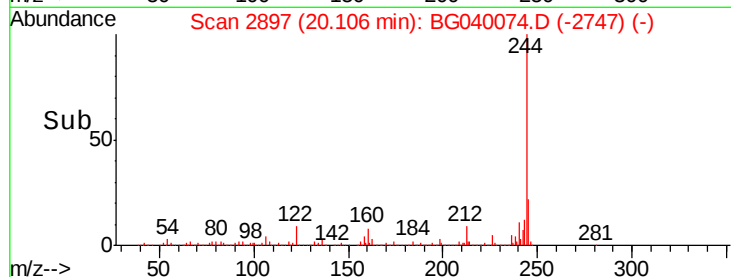
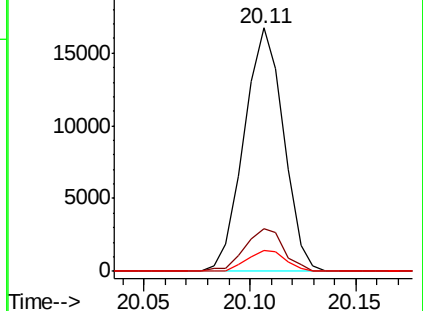
183 8.5 10.6 15.8#



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: 0.022 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

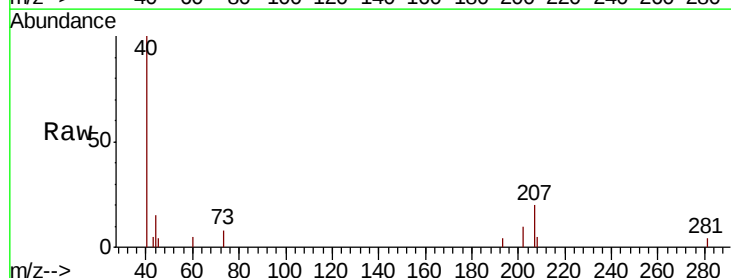
Tgt Ion:202 Resp: 441

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

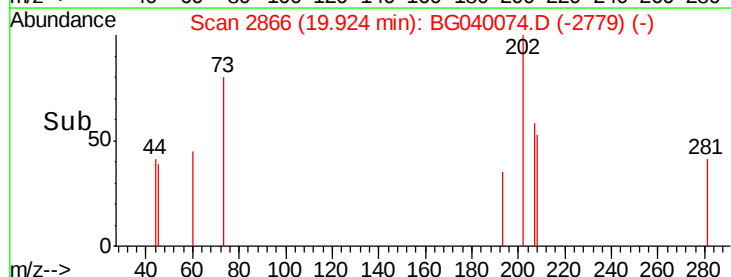
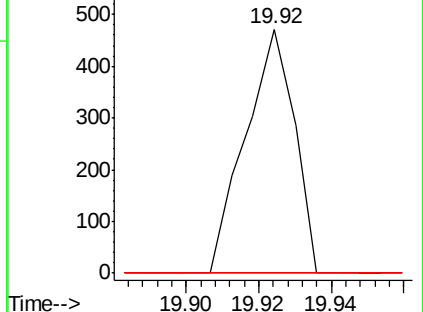
203 0.0 15.3 22.9#

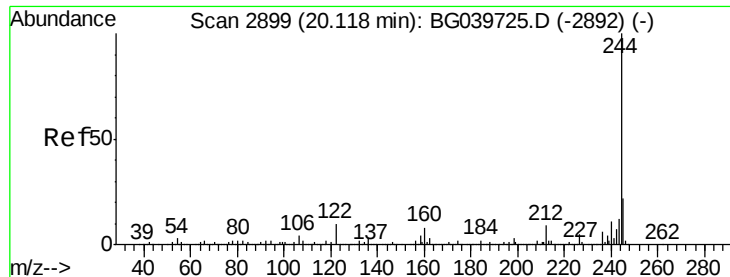


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.785 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

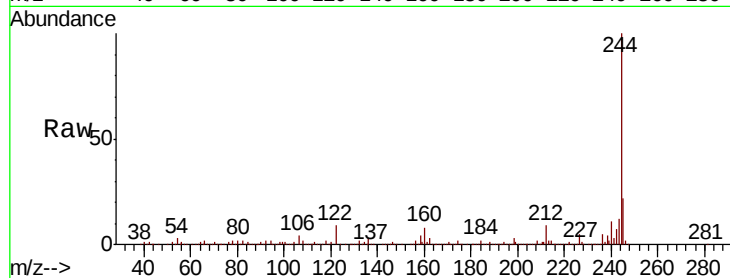
Tgt Ion:244 Resp: 1226528

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

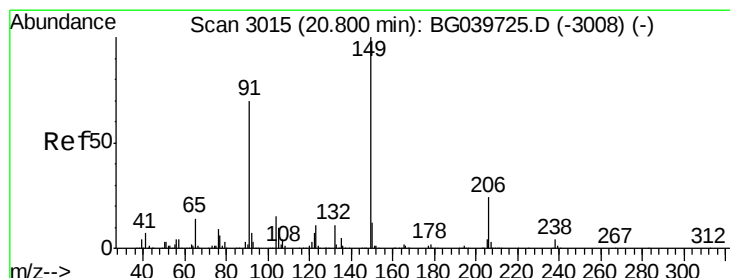
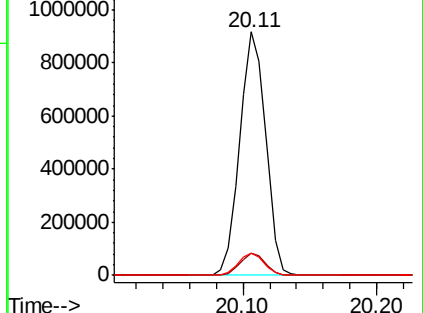
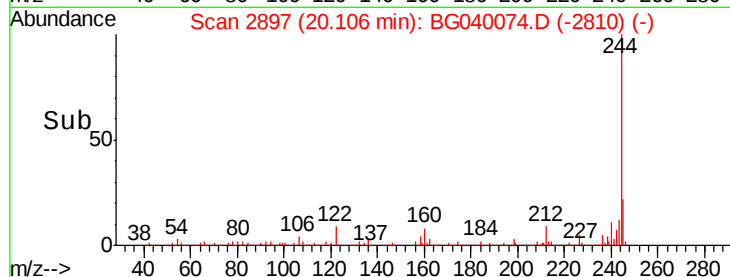
122 9.3 8.4 12.6



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: 20.81 min Scan# 3016

Delta R.T. -0.00 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

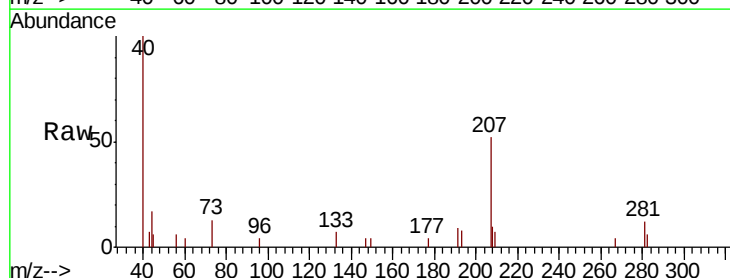
Tgt Ion:149 Resp: 57

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

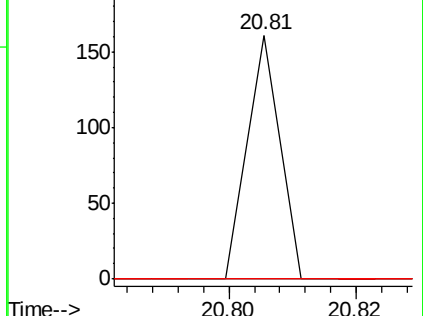
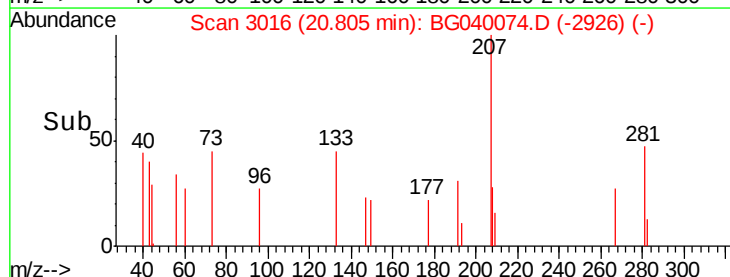
206 0.0 18.6 27.8#

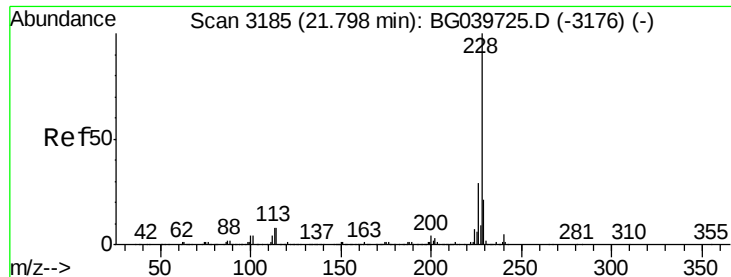


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.051 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

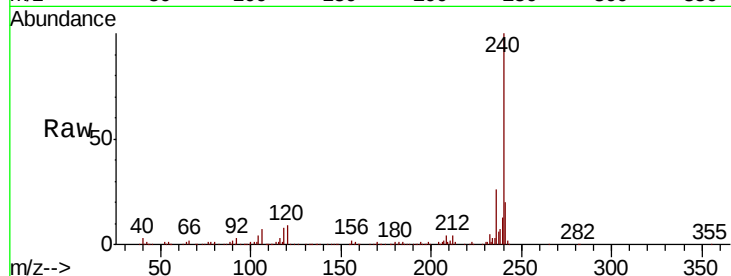
Tgt Ion:228 Resp: 987

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

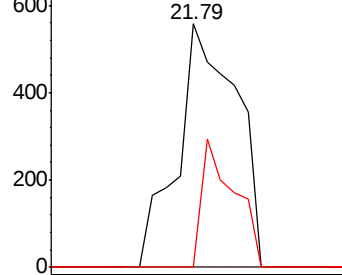
229 0.0 16.9 25.3#



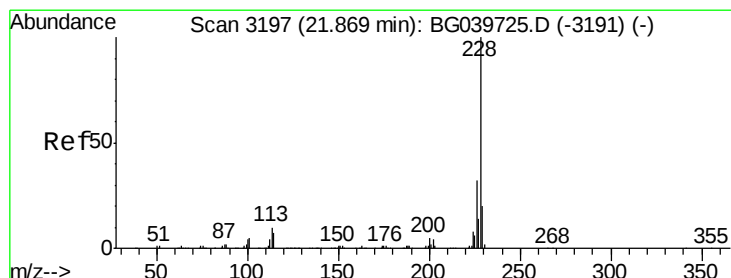
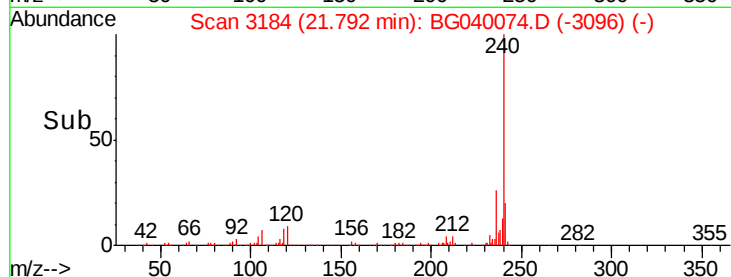
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Chrysene

Concen: 0.052 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.08 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

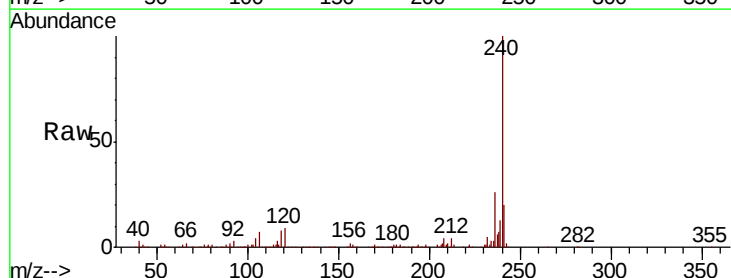
Tgt Ion:228 Resp: 987

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

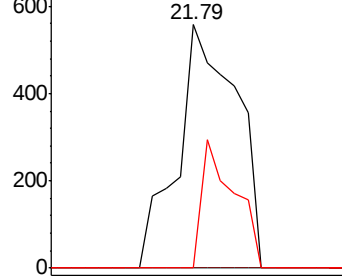
229 0.0 16.6 25.0#



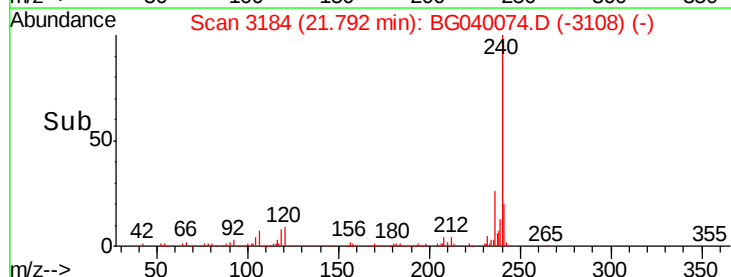
Abundance Ion 228.00 (227.70 to 228.70): E

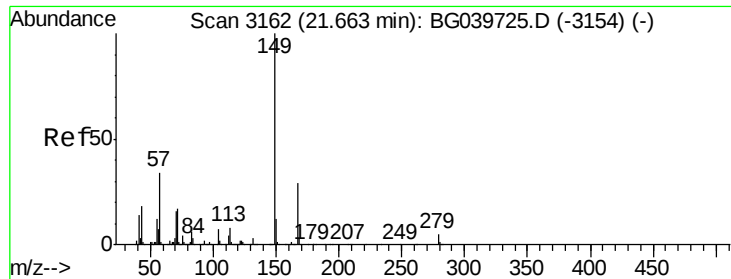
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.017 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

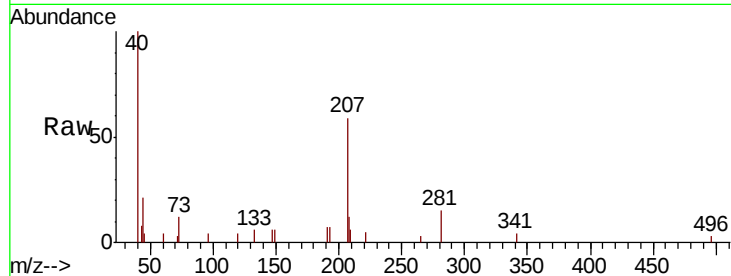
Tgt Ion:149 Resp: 185

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

279 0.0 3.5 5.3#

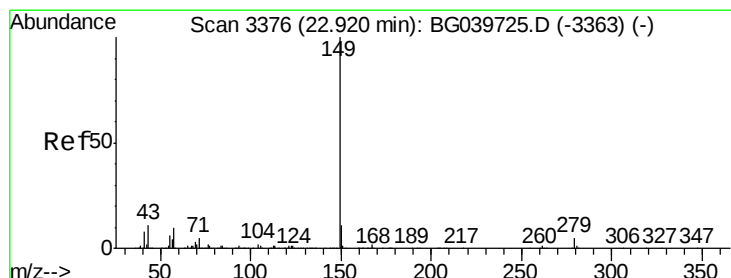
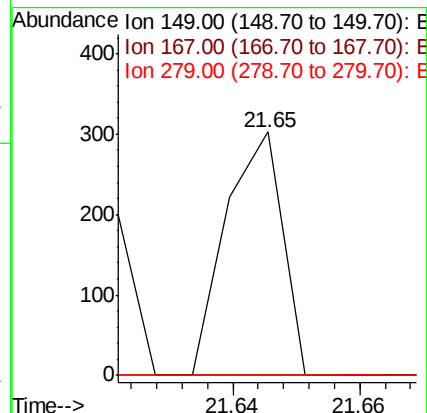
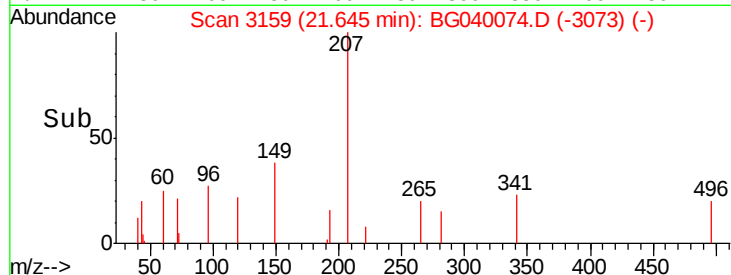


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.65



#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.00 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

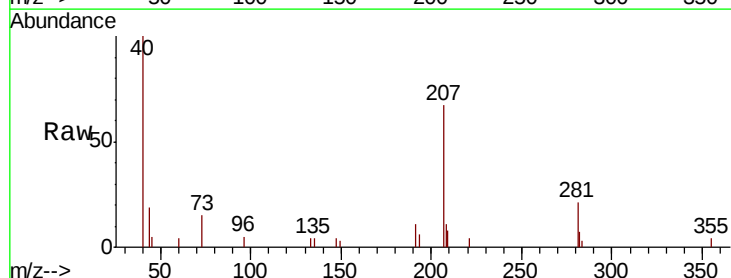
Tgt Ion:149 Resp: 56

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 1433.9 10.2 15.4#

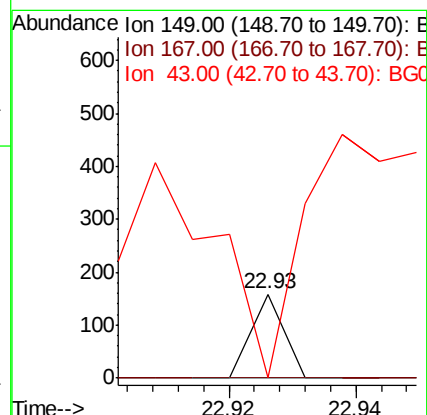
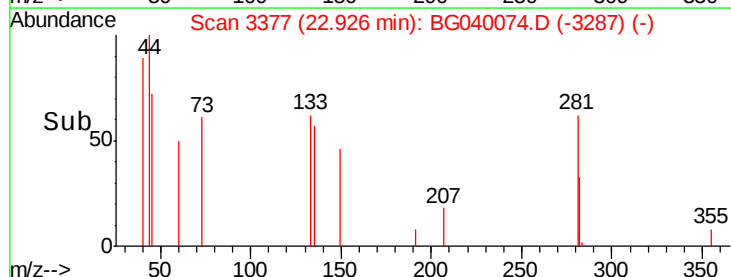


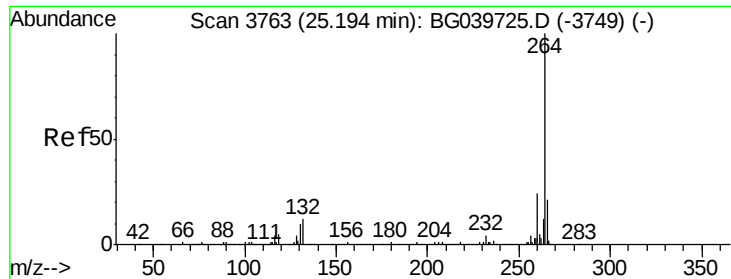
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.93





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

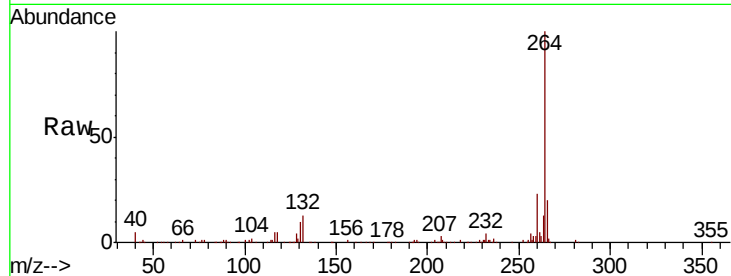
Tgt Ion:264 Resp: 308349

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

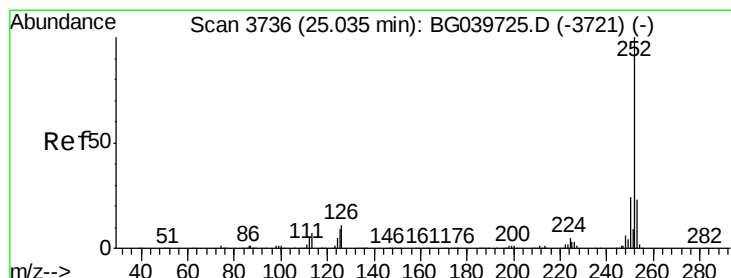
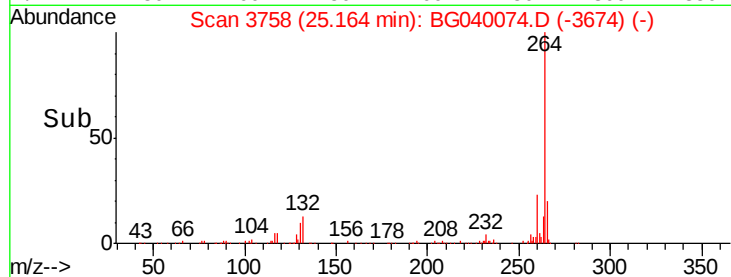
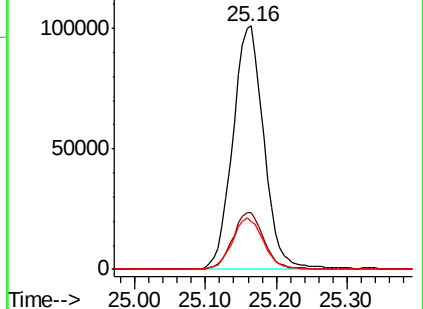
265 19.9 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 25.10 min Scan# 3747

Delta R.T. 0.06 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

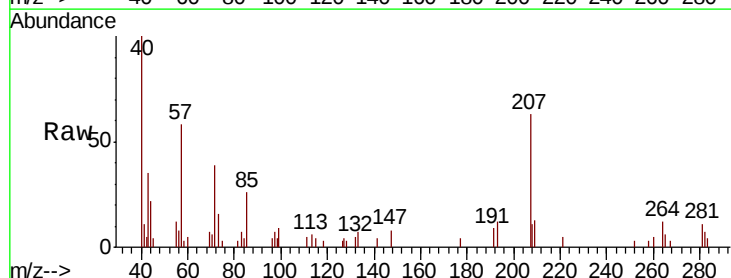
Tgt Ion:252 Resp: 55

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

