

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040126.D
 Acq On : 25 Mar 2019 20:53
 Operator : JU/SJ
 Sample : K2061-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

Quant Time: Mar 26 02:56:28 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	33960	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	146267	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	103955	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	274463	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	284241	20.00	ng	-0.03
87) Perylene-d12	25.15	264	269314	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	274840	138.07	ng	-0.02
7) Phenol-d6	7.29	99	366171	123.37	ng	-0.02
23) Nitrobenzene-d5	9.31	82	266494	98.54	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	178795	147.56	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	683344	93.59	ng	-0.03
79) Terphenyl-d14	20.11	244	1218238	94.37	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	4005	4.358	ng	# 1
4) n-Nitrosodimethylamine	3.97	42	148	0.127	ng	# 1
6) Aniline	7.66	93	511	0.131	ng	# 1
8) 2-Chlorophenol	7.69	128	55	0.023	ng	# 1
9) Benzaldehyde	7.29	77	599	0.313	ng	# 4
10) Phenol	7.66	94	675	0.210	ng	# 1
11) bis(2-Chloroethyl)ether	7.66	93	511	0.204	ng	# 1
12) 1,3-Dichlorobenzene	8.18	146	84	0.031	ng	# 25
13) 1,4-Dichlorobenzene	8.18	146	84	0.030	ng	# 25
14) 1,2-Dichlorobenzene	8.49	146	858	0.319	ng	# 78
15) Benzyl Alcohol	8.46	79	3882	1.649	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	8.65	45	242	0.048	ng	# 75
19) n-Nitroso-di-n-propylamine	9.31	70	33873	15.855	ng	# 69
22) Acetophenone	8.97	105	317	0.081	ng	# 36
24) Nitrobenzene	9.31	77	1008	0.355	ng	# 40
30) 1,2,4-Trichlorobenzene	10.82	180	309	0.114	ng	# 49
31) Naphthalene	11.02	128	616	0.080	ng	# 69
37) 2-Methylnaphthalene	12.82	142	336	0.058	ng	# 13
38) 1-Methylnaphthalene	12.82	142	336	0.060	ng	# 7
46) 1,1'-Biphenyl	13.60	154	1151	0.135	ng	# 91
48) 2-Nitroaniline	13.39	65	1041	0.504	ng	# 1
50) Dimethylphthalate	14.21	163	110	0.013	ng	# 76
51) 2,6-Dinitrotoluene	14.77	165	13526	7.340	ng	# 25
52) Acenaphthene	14.76	154	403	0.063	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	13526	5.224	ng	# 20
58) Fluorene	16.25	166	7704	0.940	ng	# 91
60) Diethylphthalate	15.56	149	143	0.017	ng	# 58
63) Azobenzene	16.25	77	1040	0.133	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.25	198	689	0.425	ng	# 43
66) n-Nitrosodiphenylamine	16.25	169	7331	0.923	ng	# 48
67) 4-Bromophenyl-phenylether	16.25	248	13080	4.258	ng	# 1
71) Phenanthrene	17.55	178	668	0.044	ng	# 59
72) Anthracene	17.55	178	668	0.045	ng	# 60
74) Di-n-butylphthalate	18.44	149	714	0.046	ng	# 77

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040126.D
 Acq On : 25 Mar 2019 20:53
 Operator : JU/SJ
 Sample : K2061-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

Quant Time: Mar 26 02:56:28 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

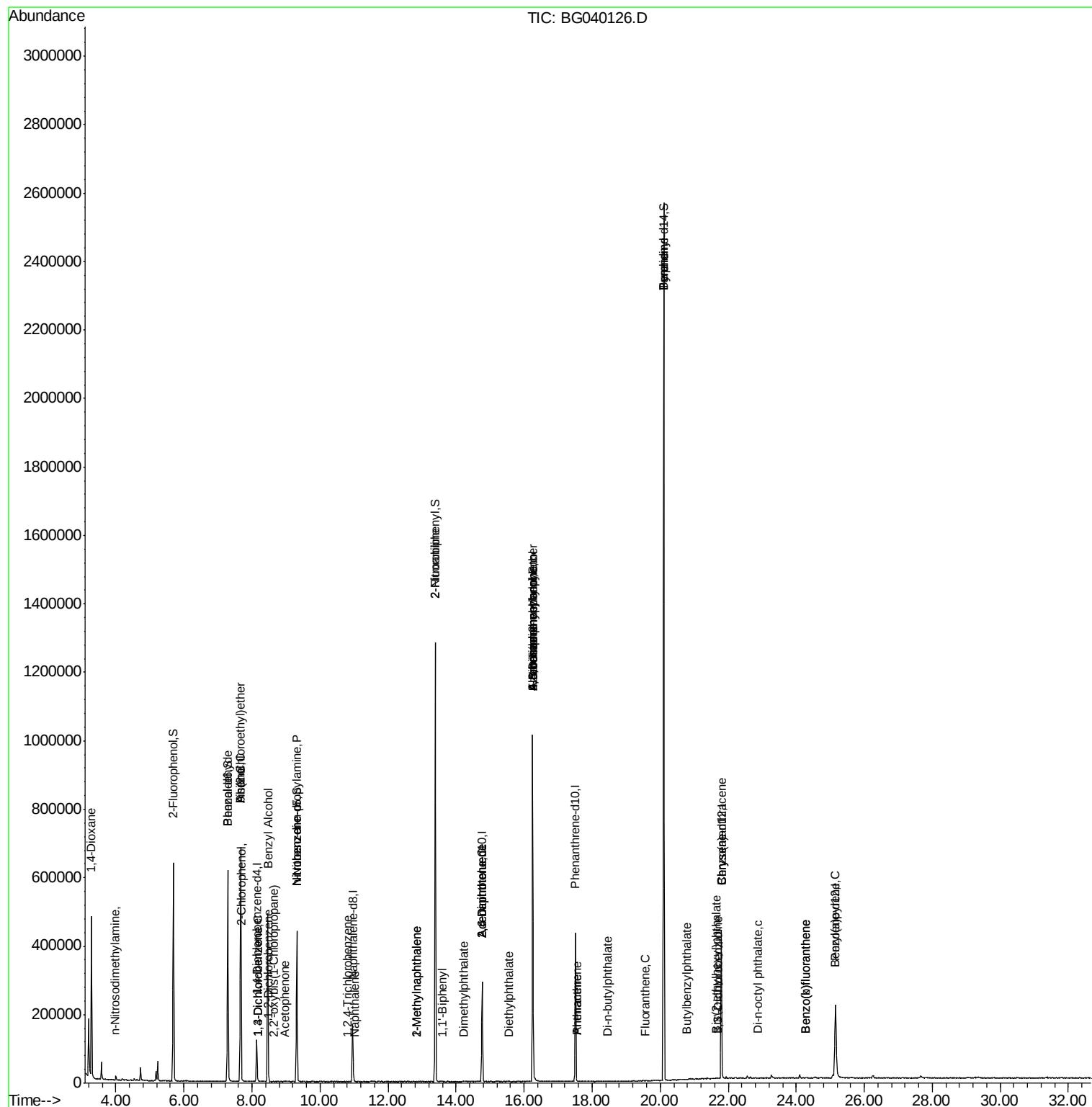
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) Fluoranthene	19.56	202	69	0.004	ng	63
77) Benzidine	20.11	184	21064	2.335	ng	# 91
78) Pyrene	20.10	202	4978	0.270	ng	# 71
80) Butylbenzylphthalate	20.79	149	57	0.008	ng	# 22
81) Benzo(a)anthracene	21.80	228	826	0.046	ng	# 50
82) 3,3'-Dichlorobenzidine	21.70	252	136	0.021	ng	# 26
83) Chrysene	21.80	228	826	0.048	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.64	149	547	0.054	ng	# 52
85) Di-n-octyl phthalate	22.88	149	89	0.005	ng	# 1
88) Benzo(b)fluoranthene	24.27	252	57	0.004	ng	# 60
89) Benzo(k)fluoranthene	24.27	252	57	0.004	ng	# 59
90) Benzo(a)pyrene	25.14	252	505	0.034	ng	# 70

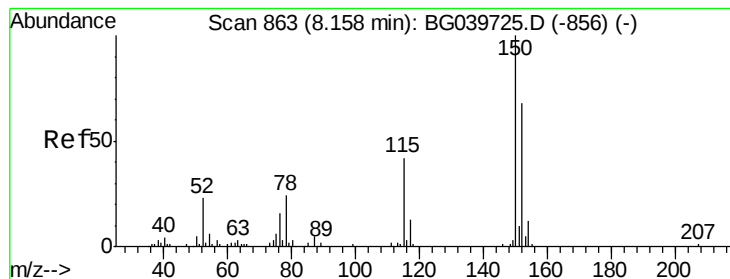
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040126.D
Acq On : 25 Mar 2019 20:53
Operator : JU/SJ
Sample : K2061-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
26524-27245

Quant Time: Mar 26 02:56:28 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_G

ClientSampleId :

26524-27245

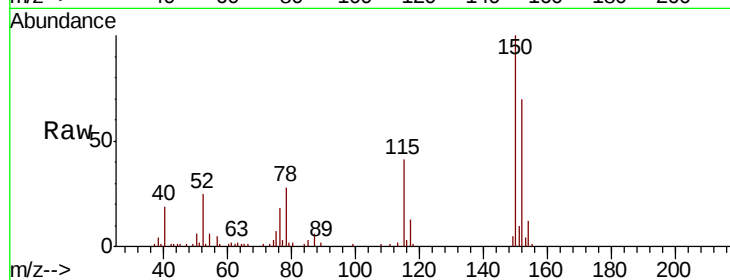
Tgt Ion:152 Resp: 33960

Ion Ratio Lower Upper

152 100

150 142.7 123.7 185.5

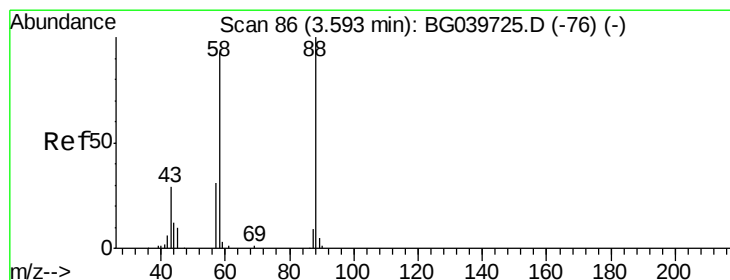
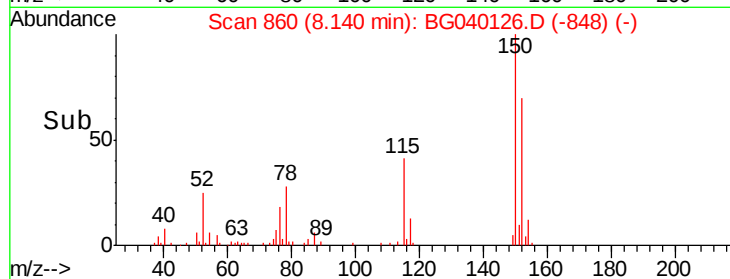
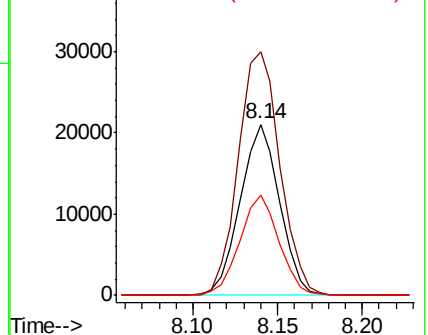
115 58.5 45.9 68.9



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: 4.358 ng

RT: 3.28 min Scan# 32

Delta R.T. -0.33 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

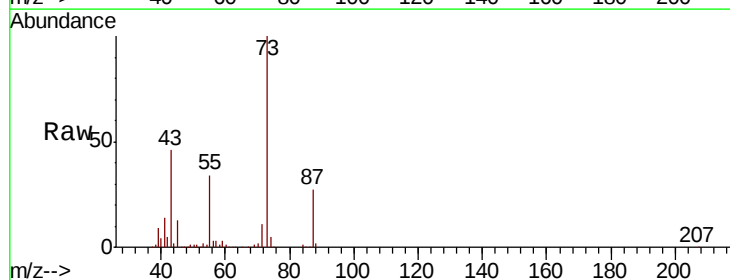
Tgt Ion: 88 Resp: 4005

Ion Ratio Lower Upper

88 100

58 37.3 81.1 121.7#

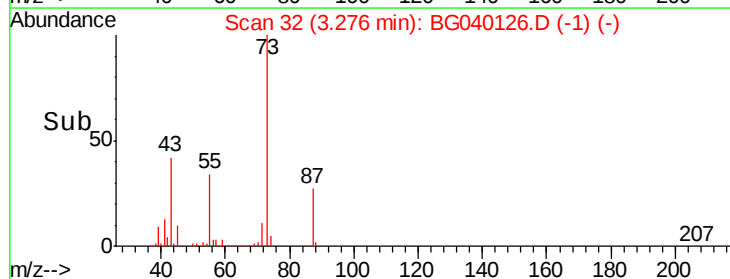
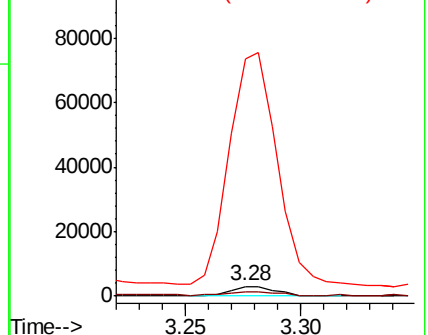
43 2638.5 31.4 47.0#

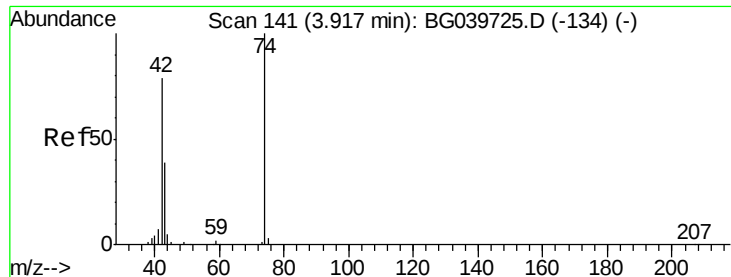


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



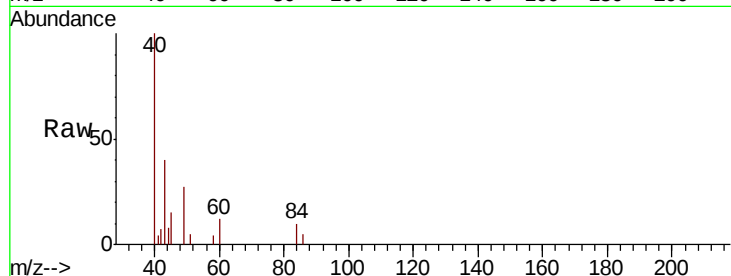


#4

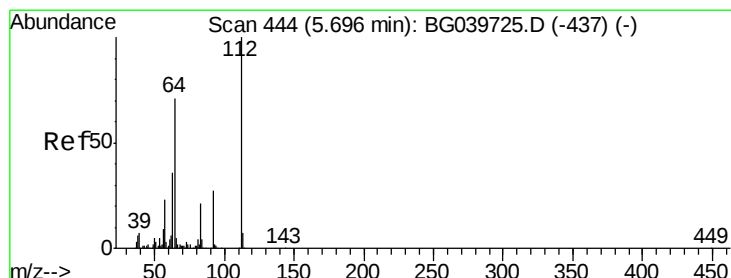
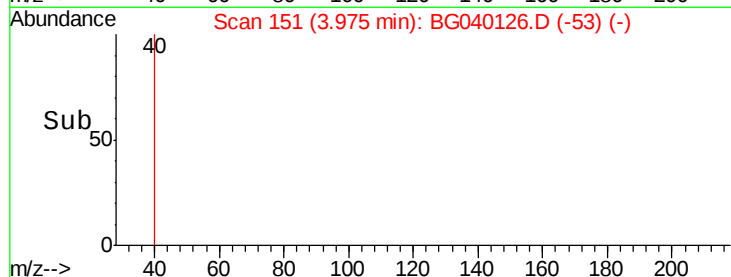
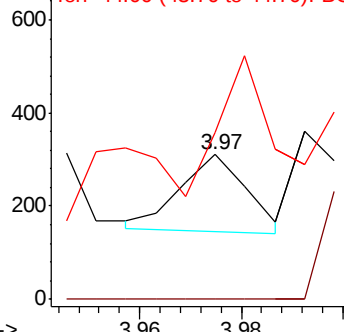
n-Nitrosodimethylamine
 Concen: 0.127 ng
 RT: 3.97 min Scan# 151
 Delta R.T. 0.05 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

Tgt Ion: 42 Resp: 148
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 115.2 6.9 10.3#



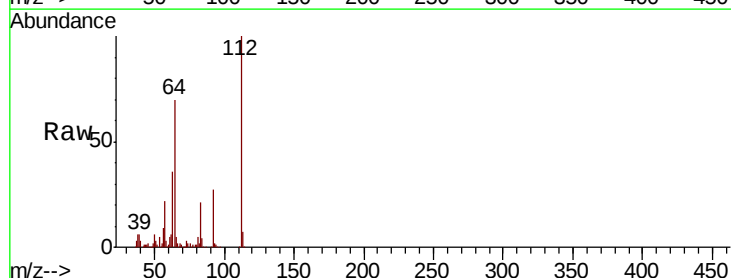
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



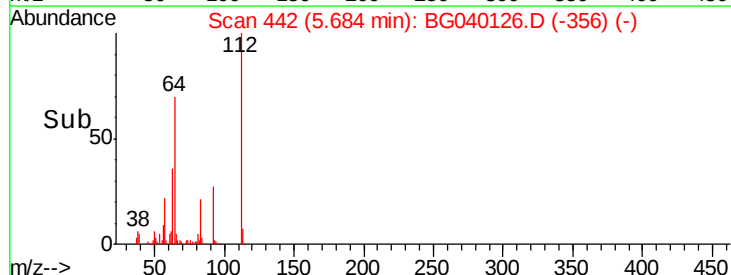
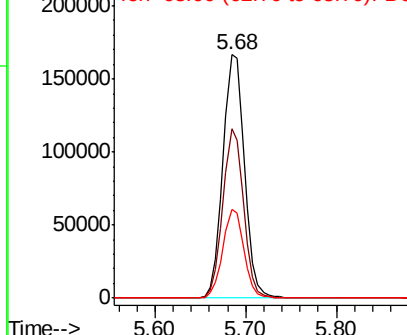
#5

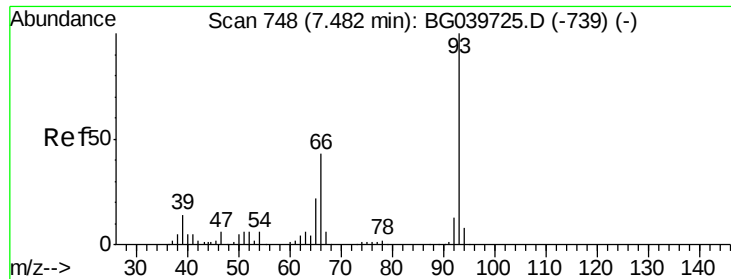
2-Fluorophenol
 Concen: 138.068 ng
 RT: 5.68 min Scan# 442
 Delta R.T. -0.02 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Tgt Ion: 112 Resp: 274840
 Ion Ratio Lower Upper
 112 100
 64 69.6 57.8 86.8
 63 36.4 29.8 44.6



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





#6

Aniline

Concen: 0.131 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.17 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_G

ClientSampleId :

26524-27245

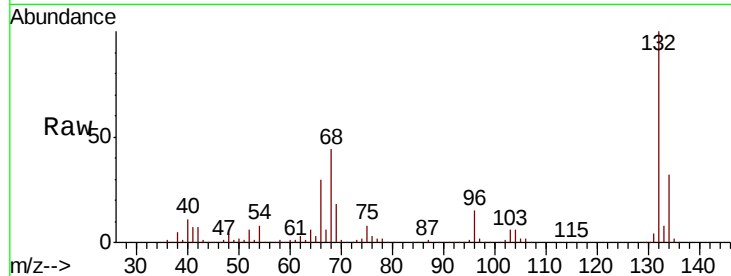
Tgt Ion: 93 Resp: 511

Ion Ratio Lower Upper

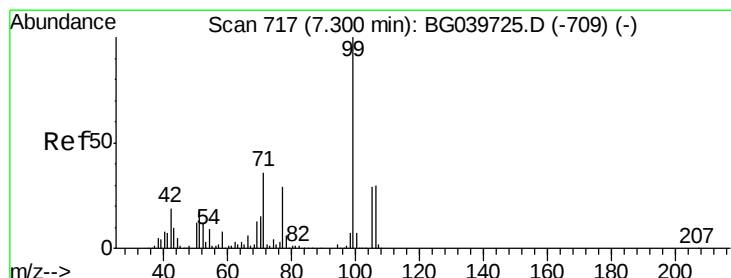
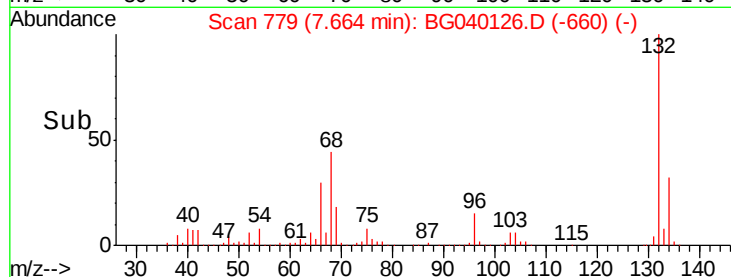
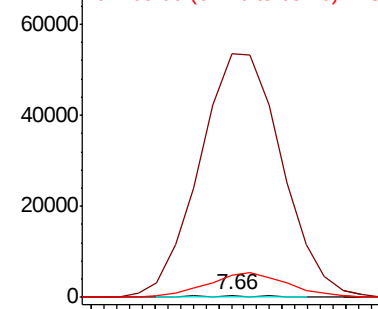
93 100

66 10532.3 34.2 51.4#

65 984.6 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: 123.368 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

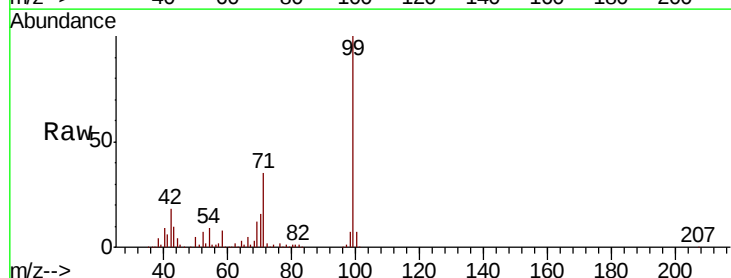
Tgt Ion: 99 Resp: 366171

Ion Ratio Lower Upper

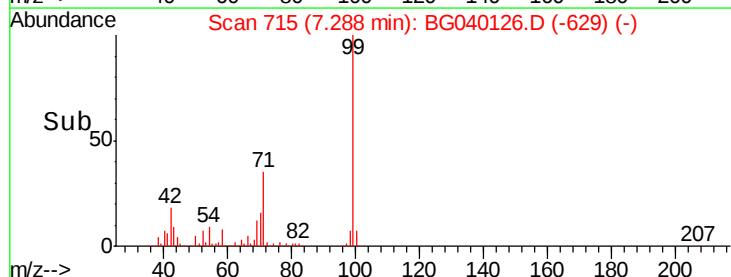
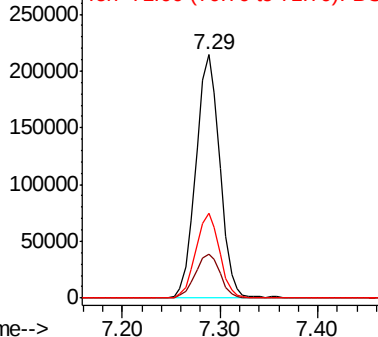
99 100

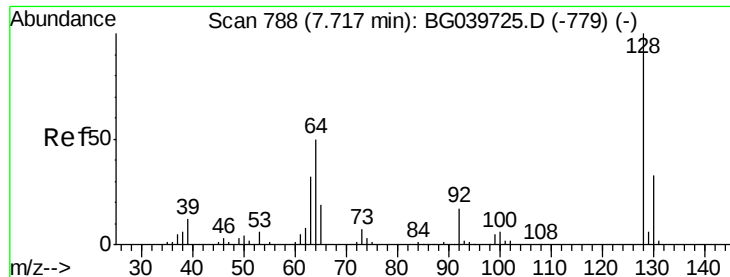
42 18.0 18.2 27.2#

71 34.7 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: 0.023 ng

RT: 7.69 min Scan# 783

Delta R.T. -0.04 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_G

ClientSampleId :

26524-27245

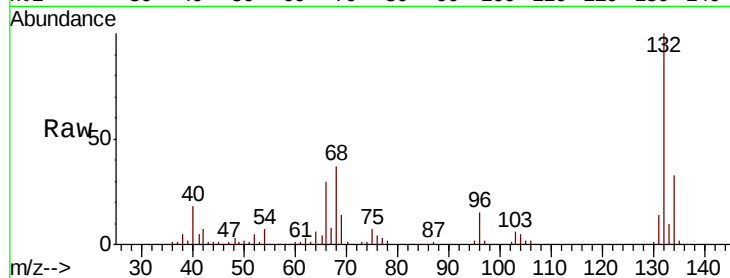
Tgt Ion:128 Resp: 55

Ion Ratio Lower Upper

128 100

130 238.5 12.9 52.9#

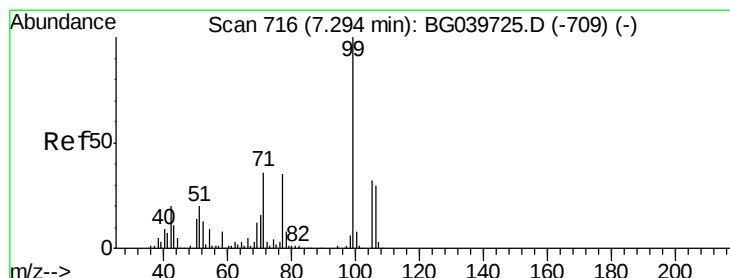
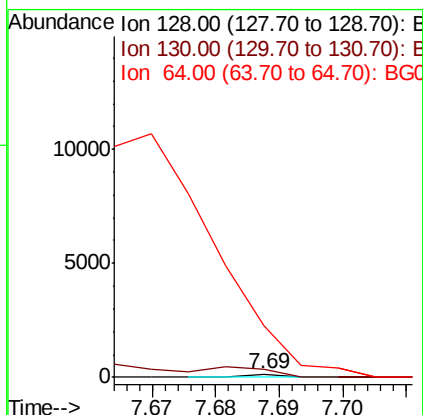
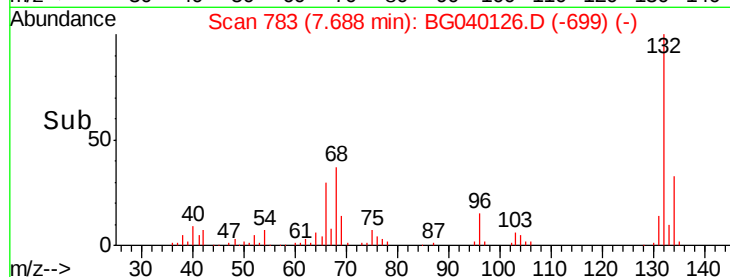
64 1465.4 38.7 78.7#



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: 0.313 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

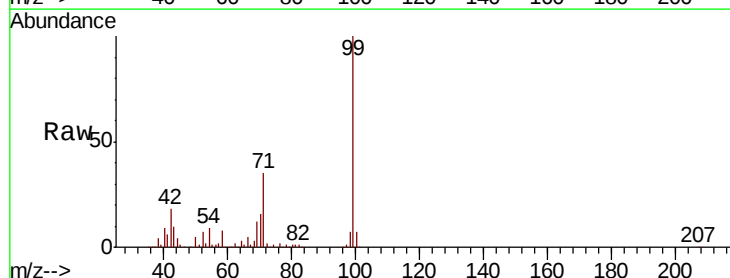
Tgt Ion: 77 Resp: 599

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

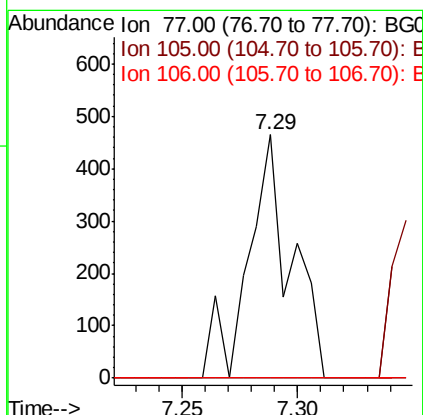
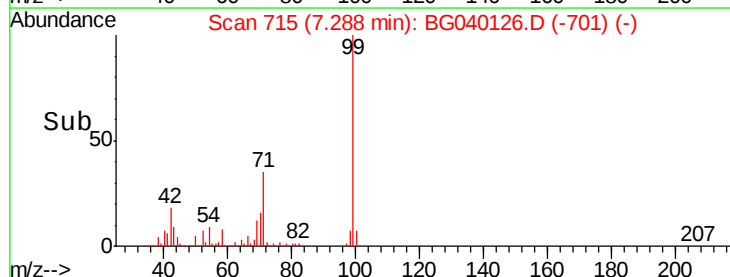
106 0.0 68.0 108.0#

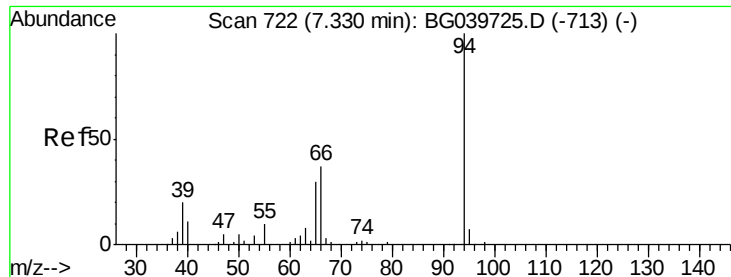


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.210 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.33 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_G

ClientSampleId :

26524-27245

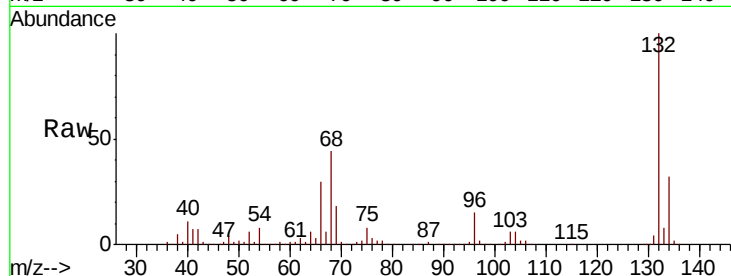
Tgt Ion: 94 Resp: 675

Ion Ratio Lower Upper

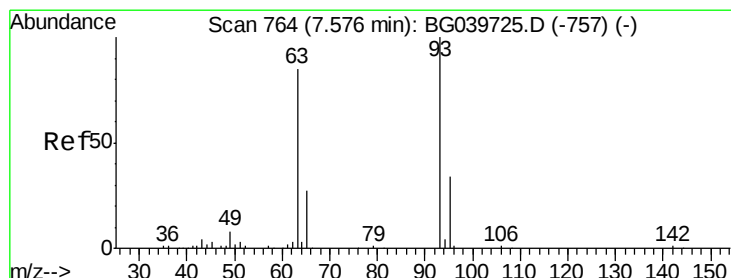
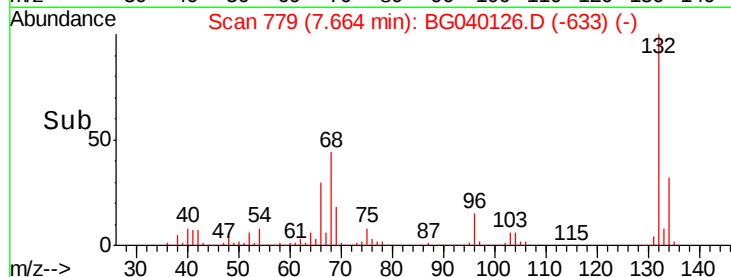
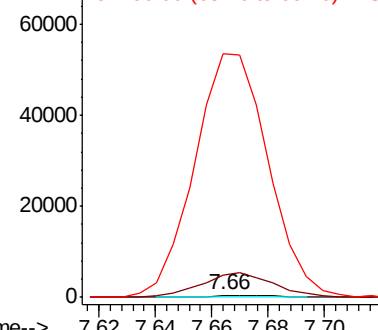
94 100

65 982.7 11.7 51.7#

66 10511.6 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: 0.204 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.08 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

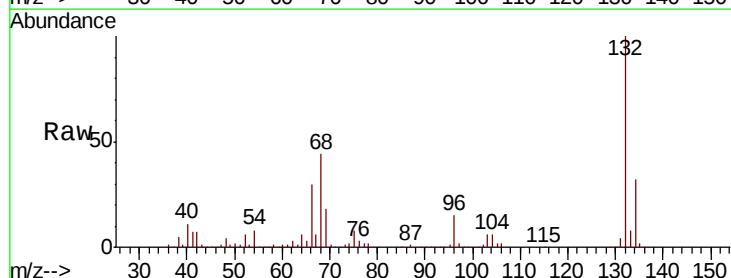
Tgt Ion: 93 Resp: 511

Ion Ratio Lower Upper

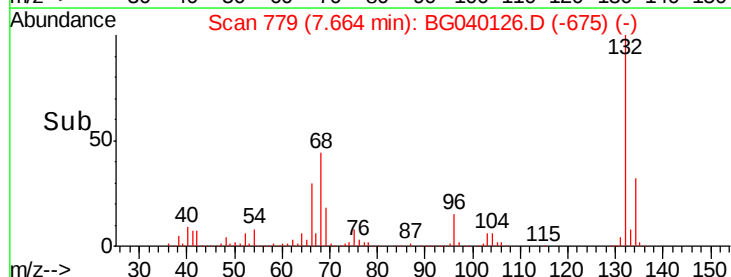
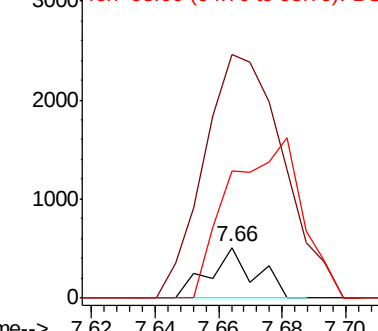
93 100

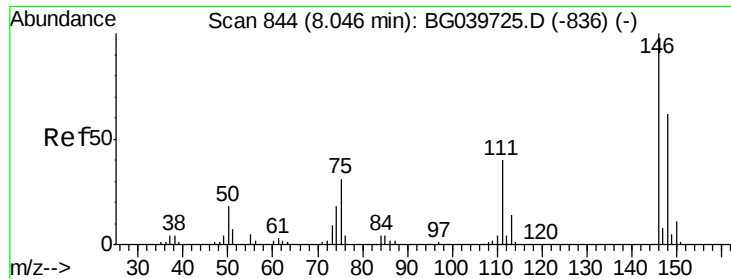
63 483.9 69.5 109.5#

95 252.0 12.7 52.7#



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

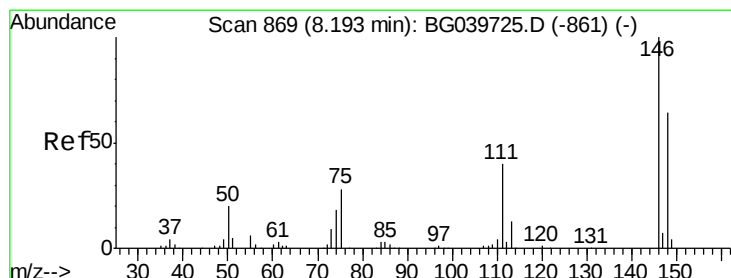
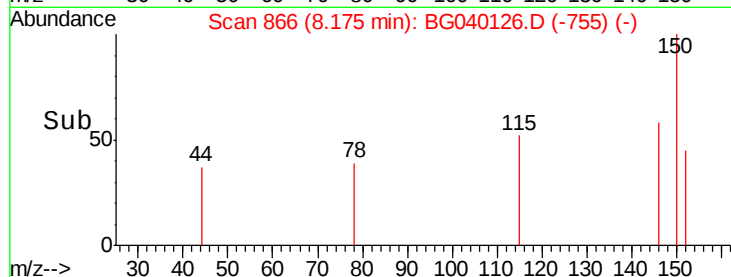
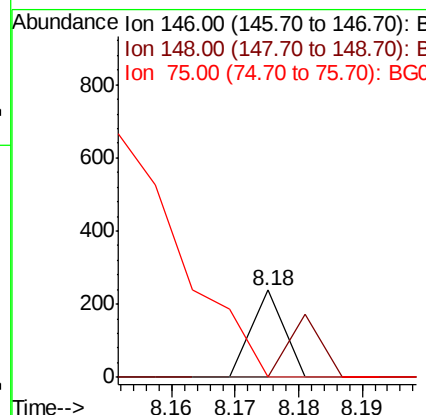
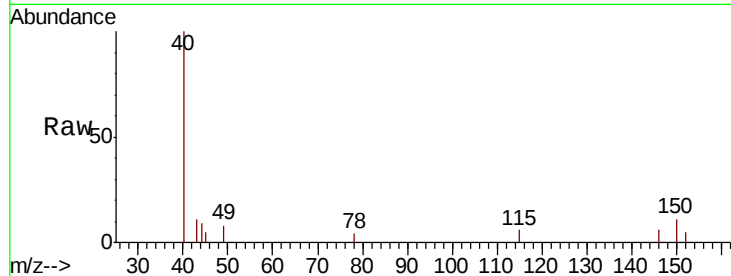




#12
 1,3-Dichlorobenzene
 Concen: 0.031 ng
 RT: 8.18 min Scan# 866
 Delta R.T. 0.12 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

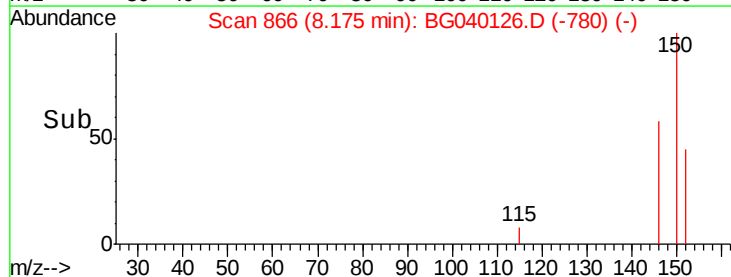
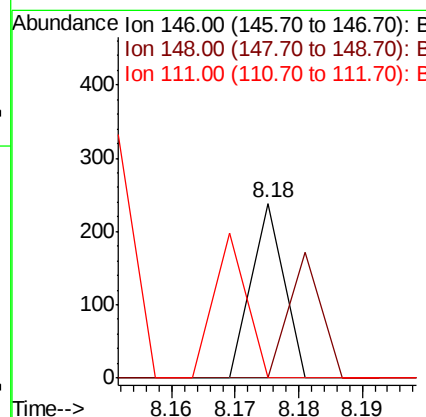
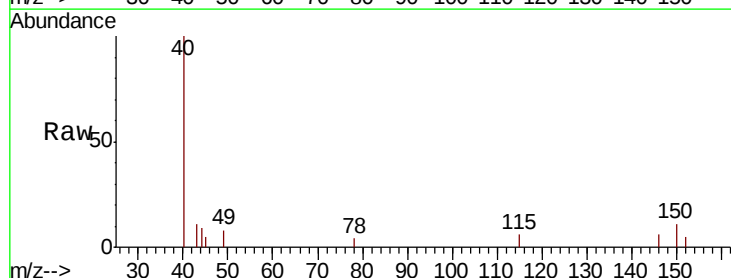
Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

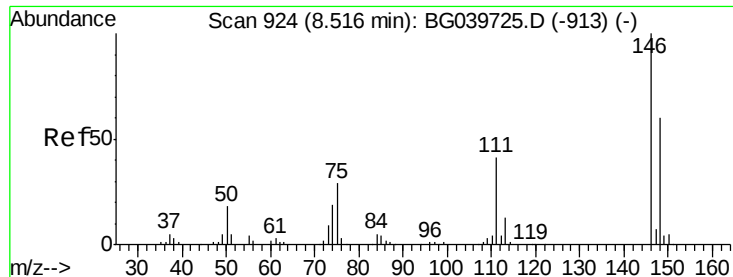
Tgt Ion:146 Resp: 84
 Ion Ratio Lower Upper
 146 100
 148 0.0 52.6 79.0#
 75 0.0 25.8 38.6#



#13
 1,4-Dichlorobenzene
 Concen: 0.030 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Tgt Ion:146 Resp: 84
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.1 76.7#
 111 0.0 32.6 48.8#

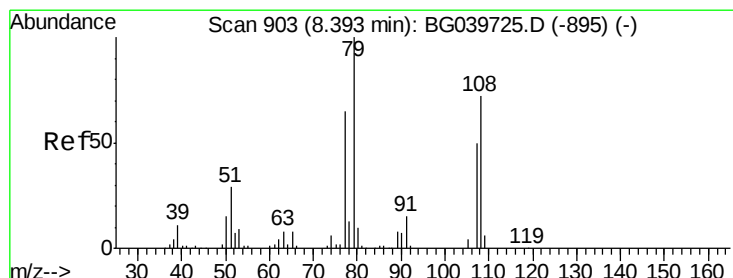
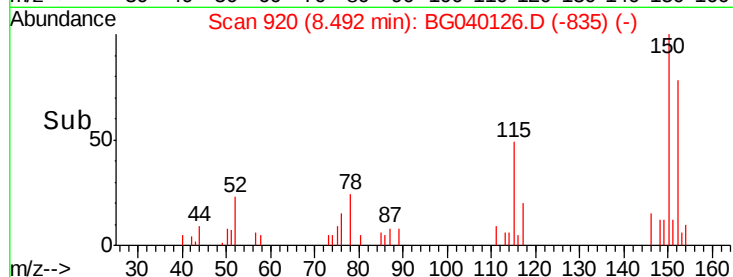
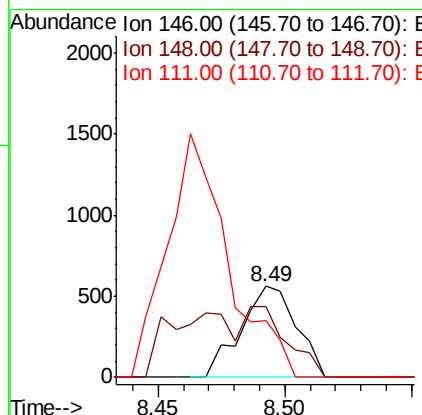
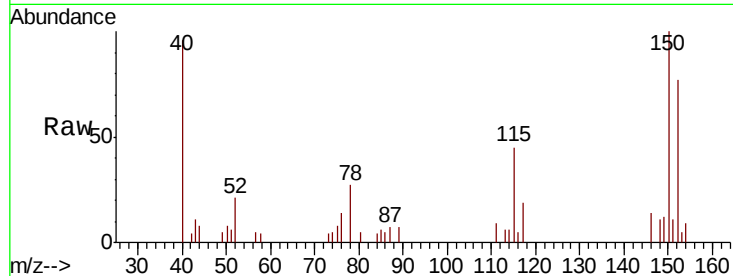




#14
 1,2-Dichlorobenzene
 Concen: 0.319 ng
 RT: 8.49 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

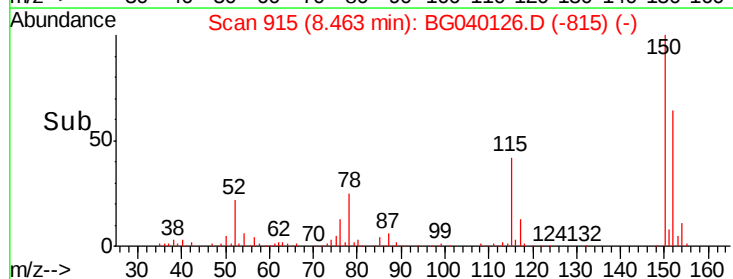
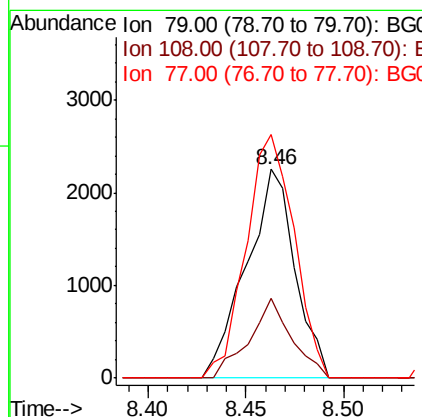
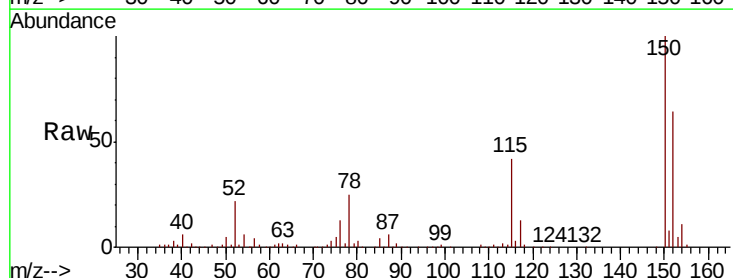
Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

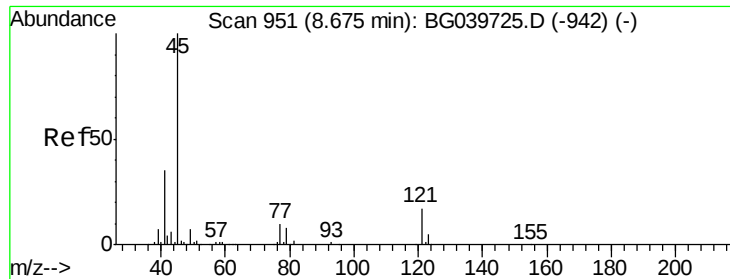
Tgt Ion: 146 Resp: 858
 Ion Ratio Lower Upper
 146 100
 148 77.0 51.5 77.3
 111 61.7 33.8 50.6#



#15
 Benzyl Alcohol
 Concen: 1.649 ng
 RT: 8.46 min Scan# 915
 Delta R.T. 0.06 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Tgt Ion: 79 Resp: 3882
 Ion Ratio Lower Upper
 79 100
 108 38.4 57.8 86.6#
 77 116.8 51.1 76.7#

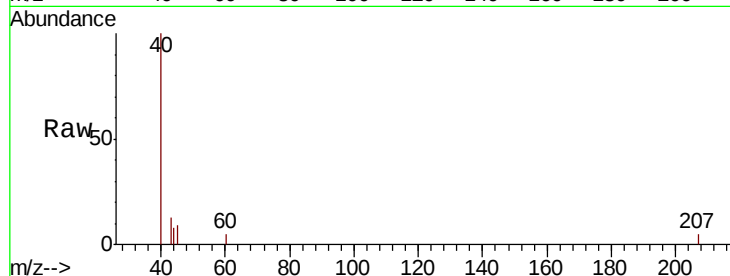




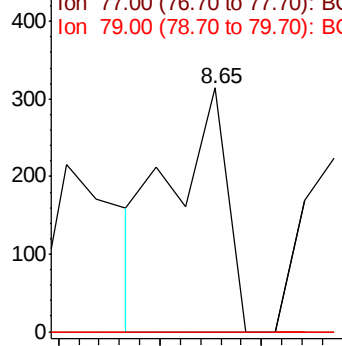
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.048 ng
 RT: 8.65 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

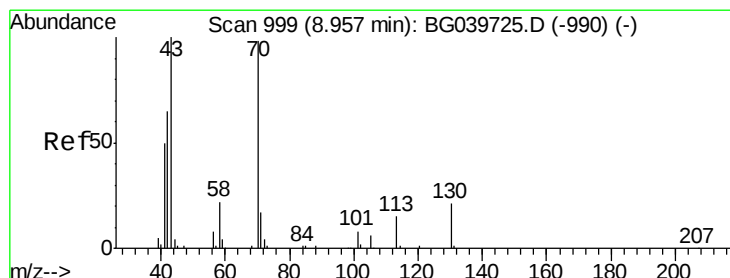
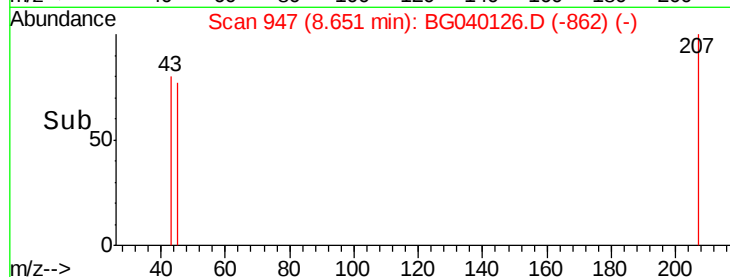
Tgt Ion: 45 Resp: 242
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.0
 79 0.0 0.0 27.5



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

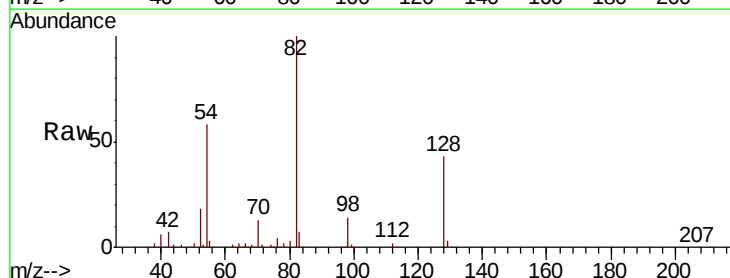


Time--> 8.62 8.64 8.66

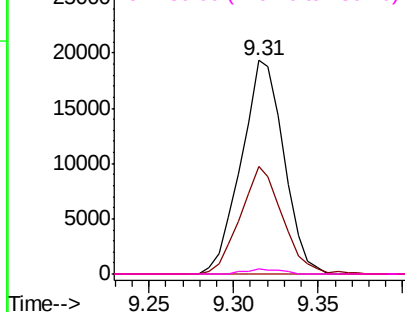


#19
 n-Nitroso-di-n-propylamine
 Concen: 15.855 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. 0.35 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

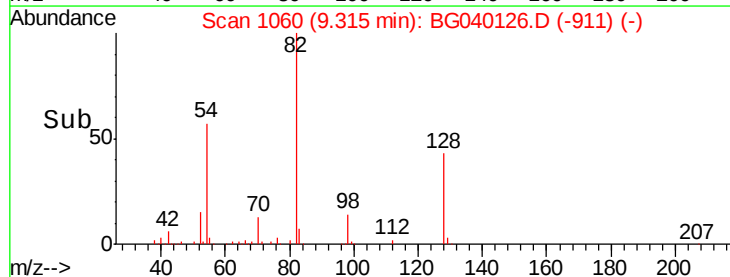
Tgt Ion: 70 Resp: 33873
 Ion Ratio Lower Upper
 70 100
 42 50.4 60.4 90.6#
 101 0.0 7.5 11.3#
 130 2.4 16.9 25.3#

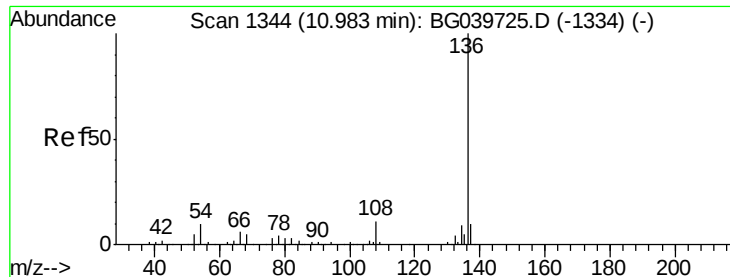


Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC



Time--> 9.25 9.30 9.35

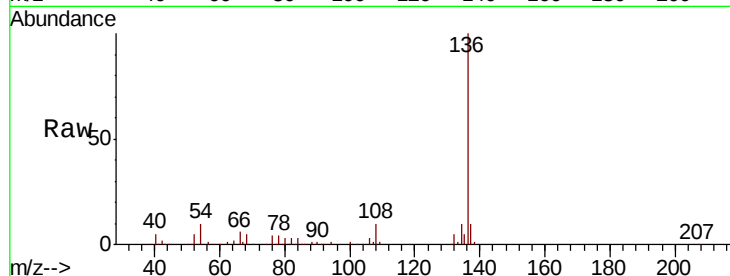




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_G
ClientSampleId :
26524-27245

Tgt Ion:	136	Resp:	146267
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	9.8	9.4	14.2
68	5.1	4.2	6.4



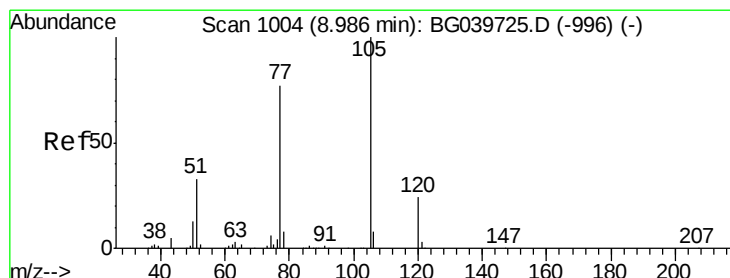
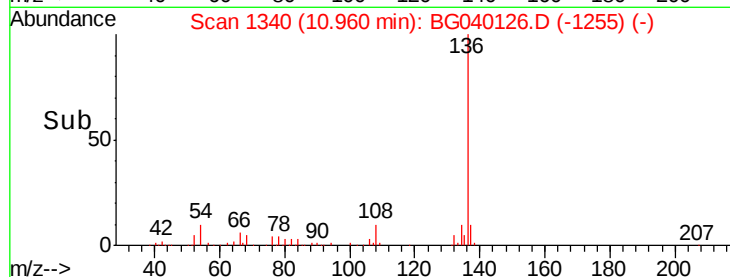
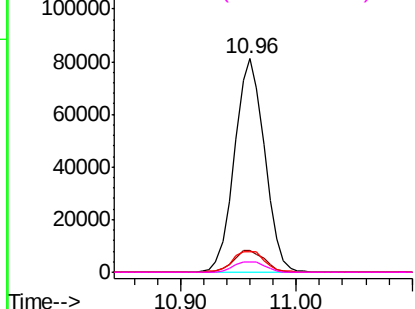
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

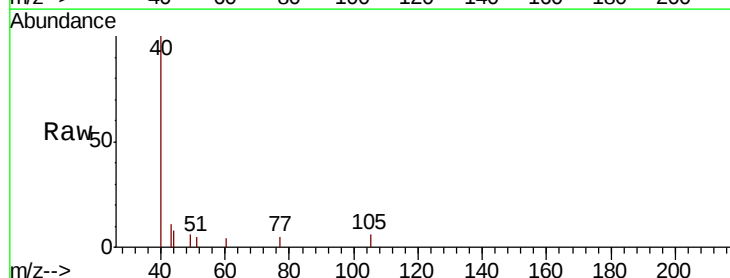
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 0.081 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Tgt Ion:	105	Resp:	317
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	82.9	30.2	45.2#
120	0.0	18.0	27.0#



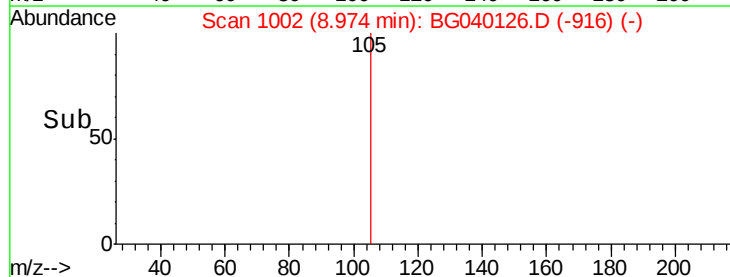
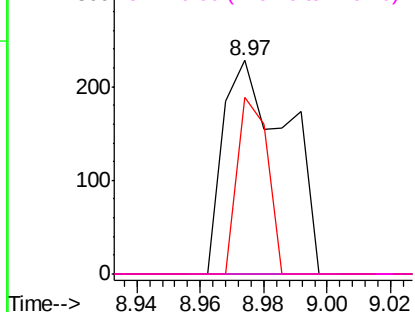
Abundance

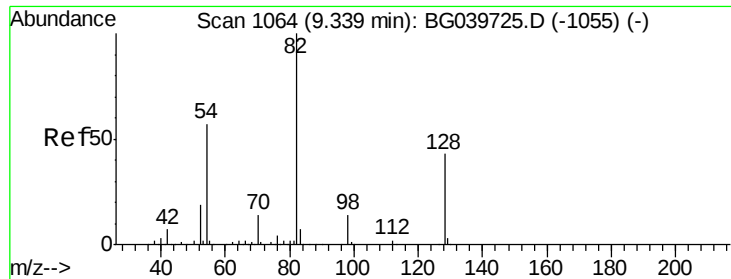
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

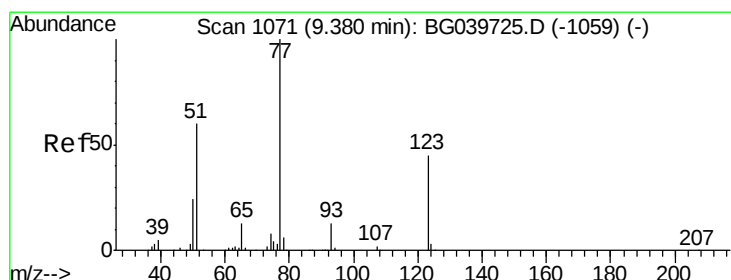
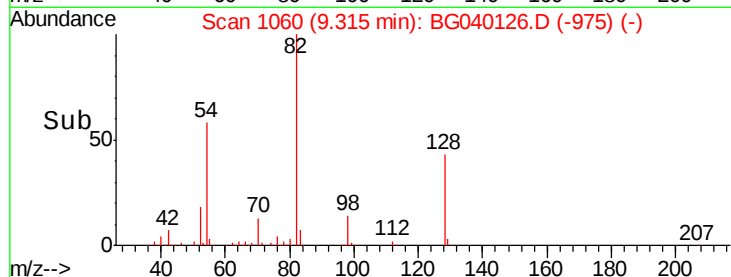
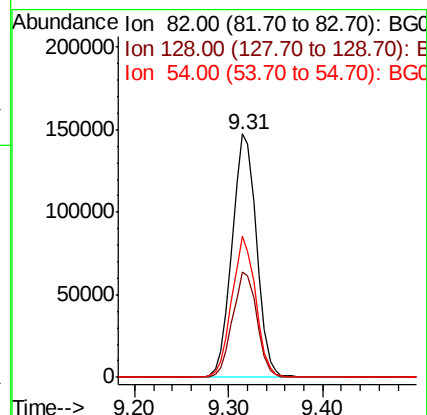
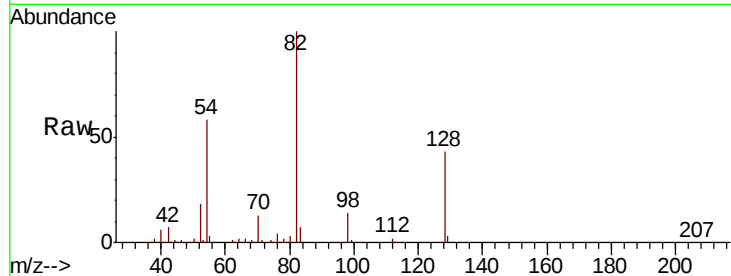




#23
 Nitrobenzene-d5
 Concen: 98.539 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

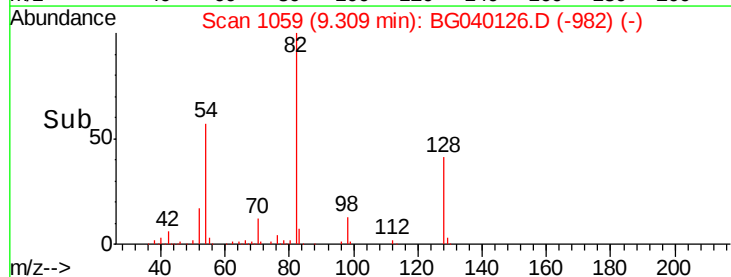
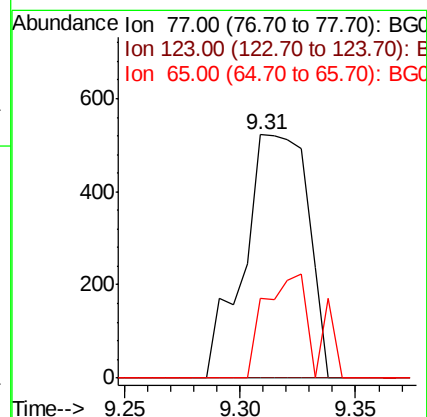
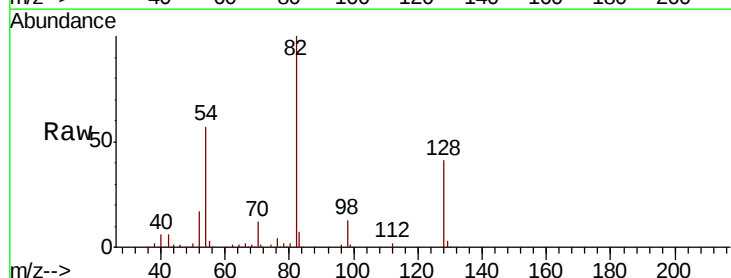
Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

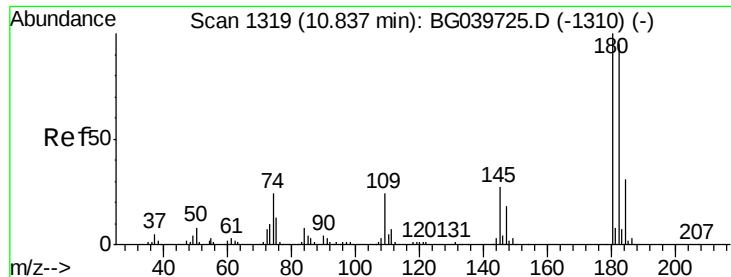
Tgt Ion: 82 Resp: 266494
 Ion Ratio Lower Upper
 82 100
 128 43.2 31.3 46.9
 54 58.0 50.9 76.3



#24
 Nitrobenzene
 Concen: 0.355 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.08 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Tgt Ion: 77 Resp: 1008
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 32.7 12.3 18.5#

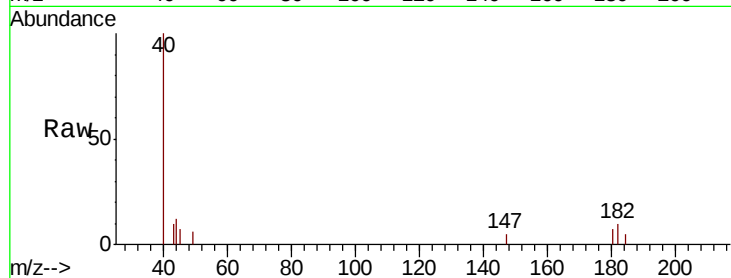




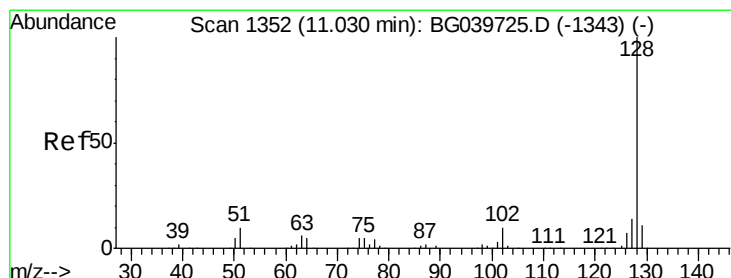
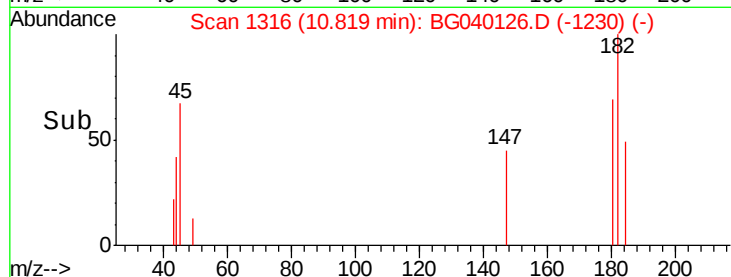
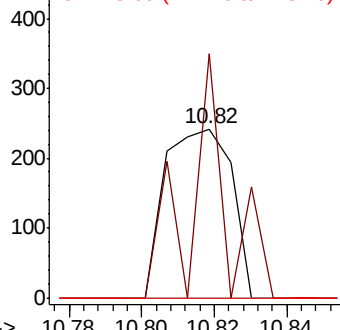
#30
1,2,4-Trichlorobenzene
Concen: 0.114 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_G
ClientSampleId :
26524-27245

Tgt Ion:180 Resp: 309
Ion Ratio Lower Upper
180 100
182 144.2 76.0 114.0#
145 0.0 22.7 34.1#

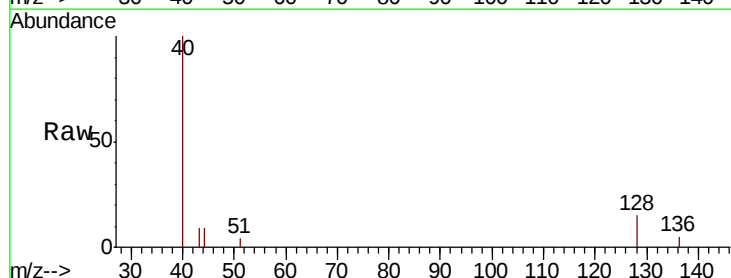


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

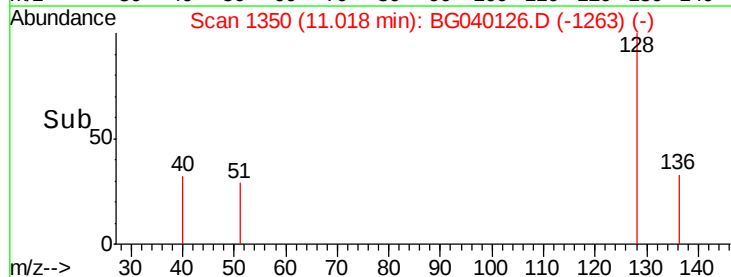
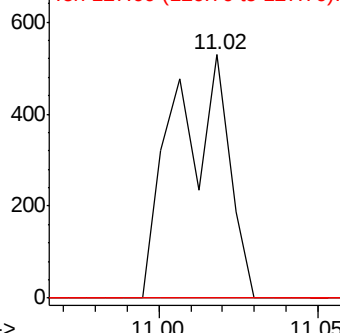


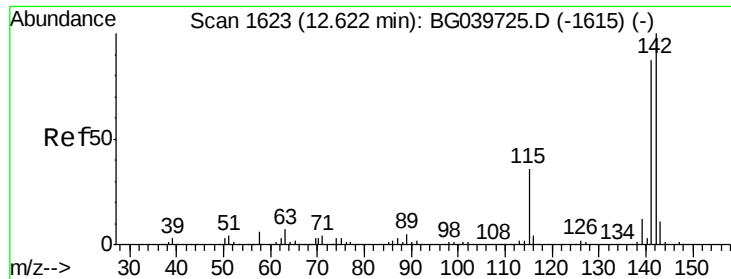
#31
Naphthalene
Concen: 0.080 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Tgt Ion:128 Resp: 616
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

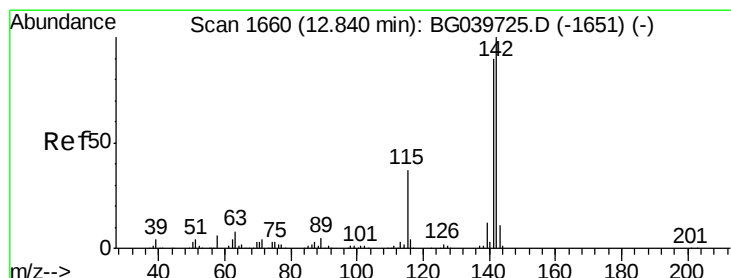
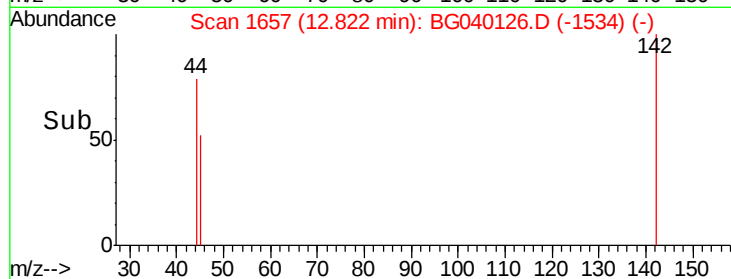
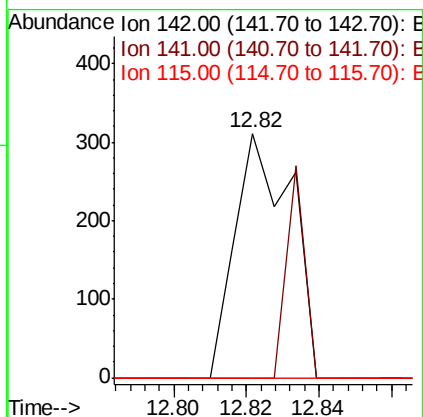
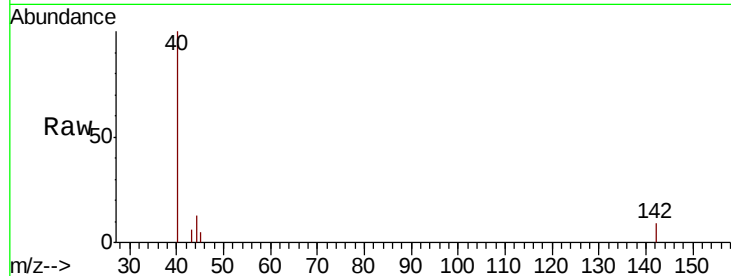




#37
2-Methylnaphthalene
Concen: 0.058 ng
RT: 12.82 min Scan# 1657
Delta R.T. 0.19 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

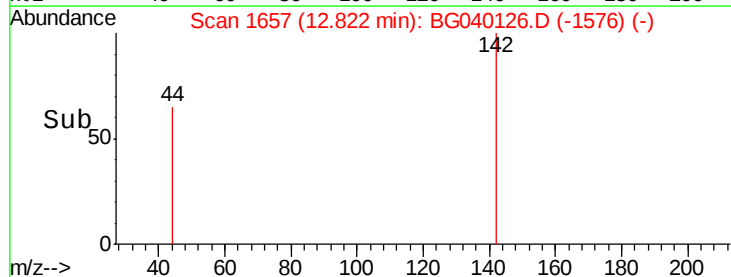
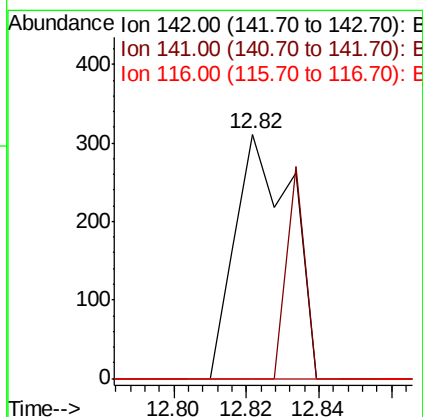
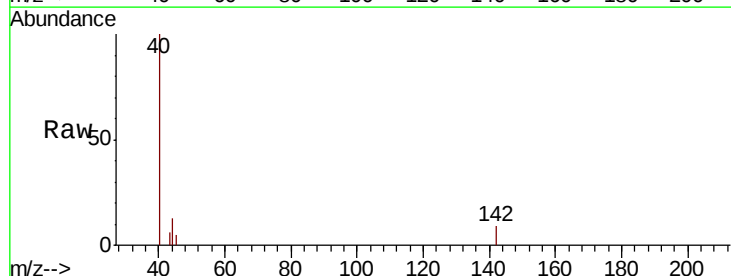
Instrument :
BNA_G
ClientSampleId :
26524-27245

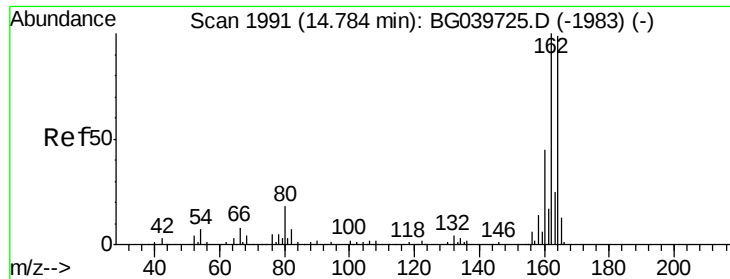
Tgt Ion:142 Resp: 336
Ion Ratio Lower Upper
142 100
141 0.0 73.5 110.3#
115 0.0 30.8 46.2#



#38
1-Methylnaphthalene
Concen: 0.060 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Tgt Ion:142 Resp: 336
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: BG040126.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_G

ClientSampleId :

26524-27245

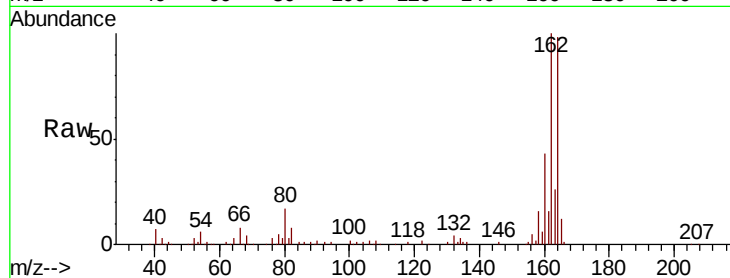
Tgt Ion:164 Resp: 103955

Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

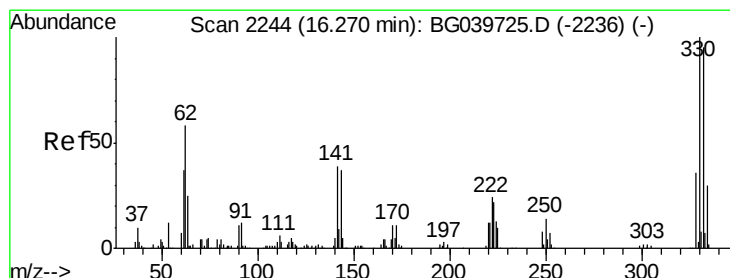
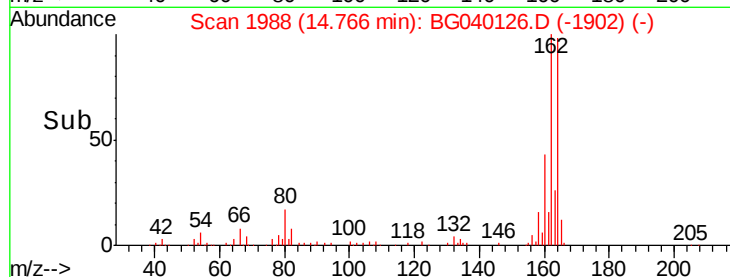
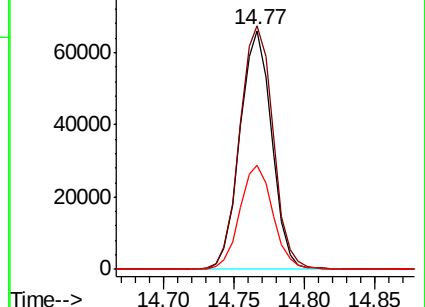
160 43.8 34.2 51.2



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: 147.561 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

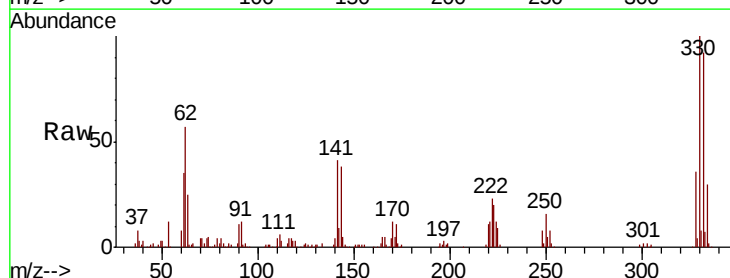
Tgt Ion:330 Resp: 178795

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

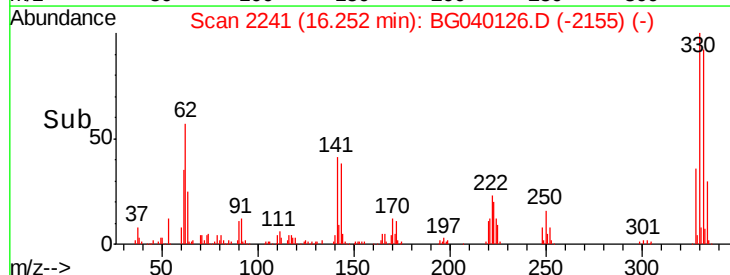
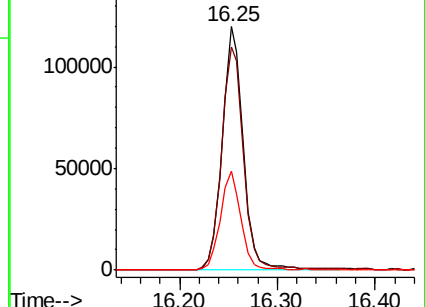
141 39.8 35.6 53.4

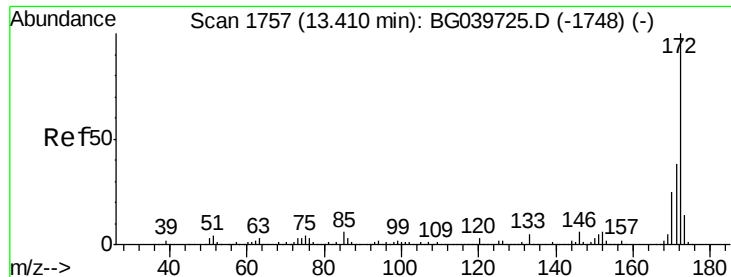


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

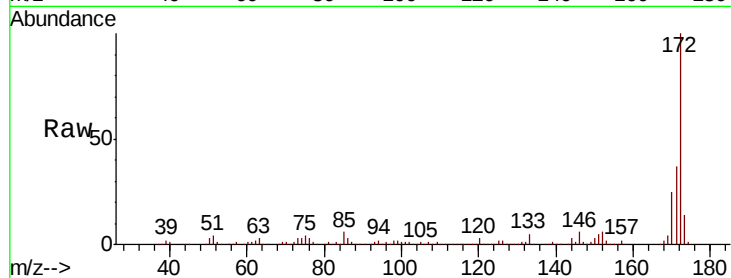




#45
 2-Fluorobiphenyl
 Concen: 93.595 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	24.6	20.2	30.4

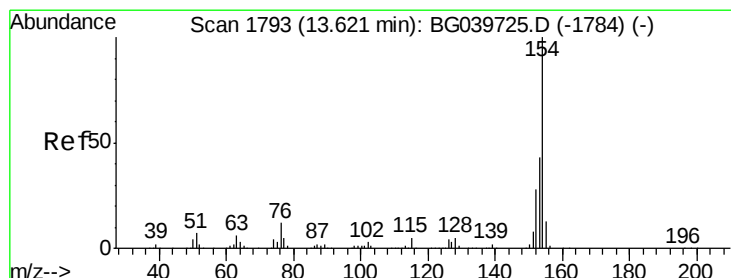
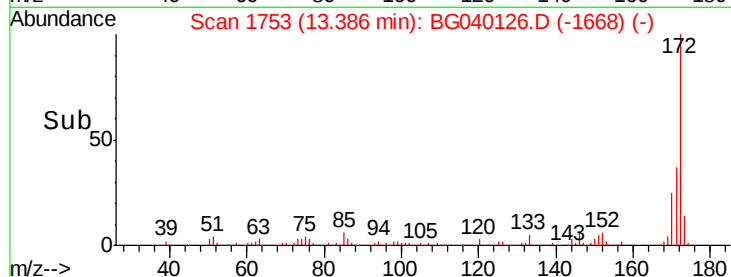
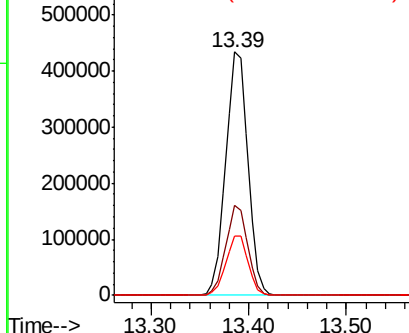


Abundance

Ion 172.00 (171.70 to 172.70): E

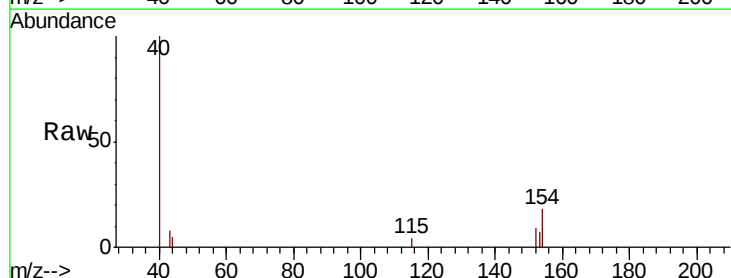
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 0.135 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	22.1	62.1
76	0.0	0.0	32.4

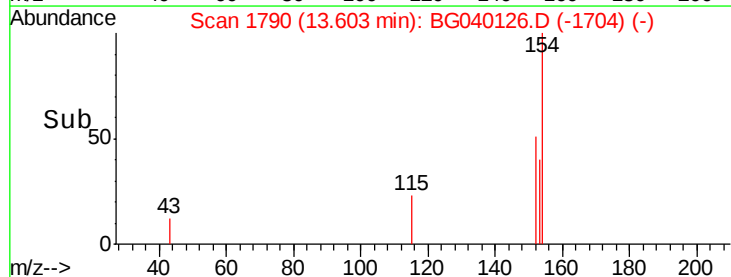
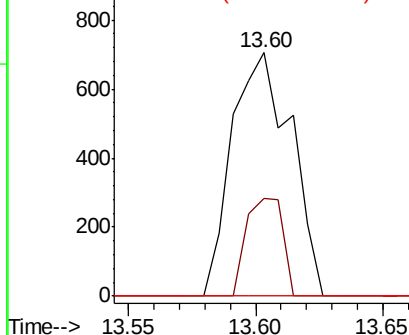


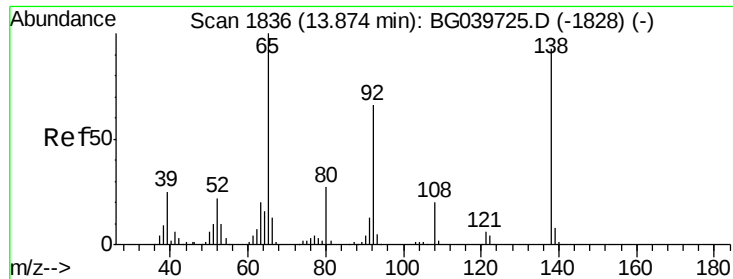
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#48

2-Nitroaniline

Concen: 0.504 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.49 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_G

ClientSampleId :

26524-27245

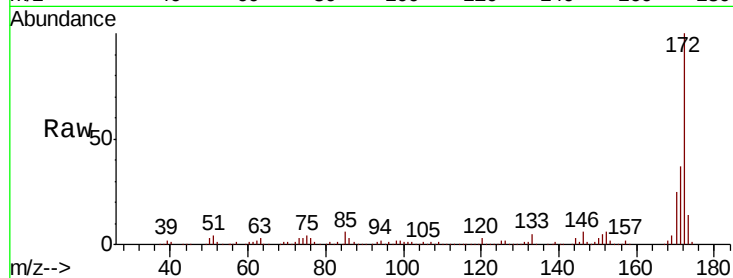
Tgt Ion: 65 Resp: 1041

Ion Ratio Lower Upper

65 100

92 256.3 51.4 77.2#

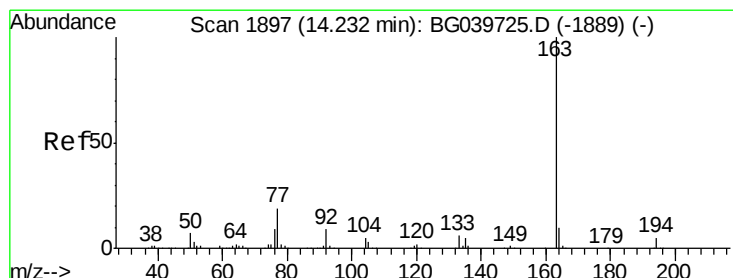
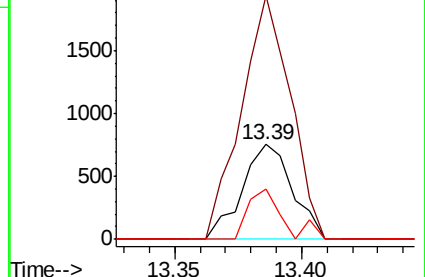
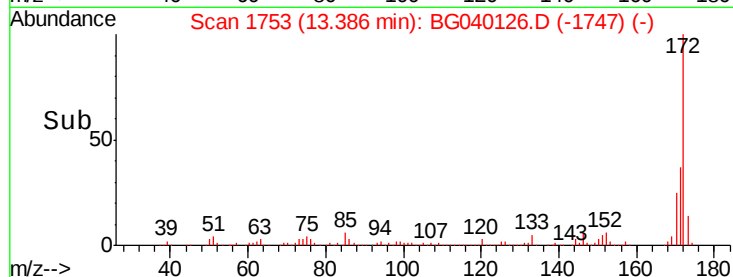
138 53.4 71.4 107.2#



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



#50

Dimethylphthalate

Concen: 0.013 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

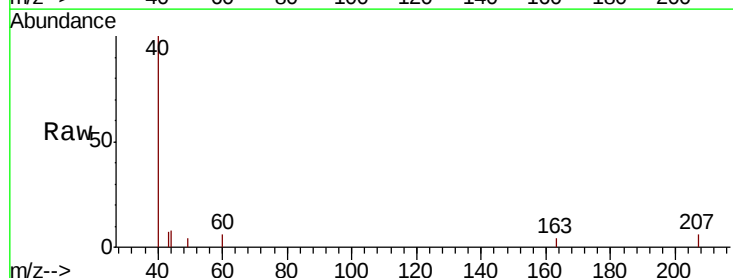
Tgt Ion: 163 Resp: 110

Ion Ratio Lower Upper

163 100

194 0.0 3.6 5.4#

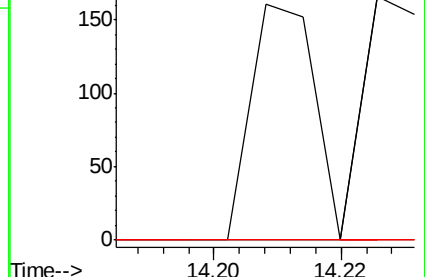
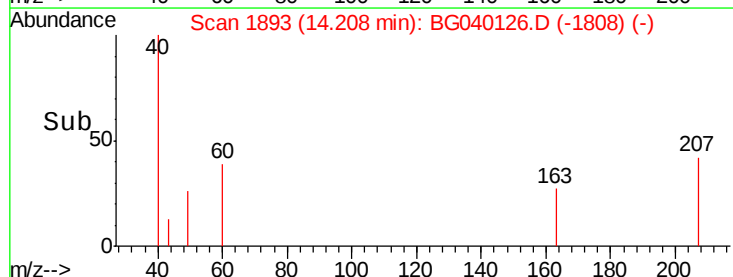
164 0.0 8.4 12.6#

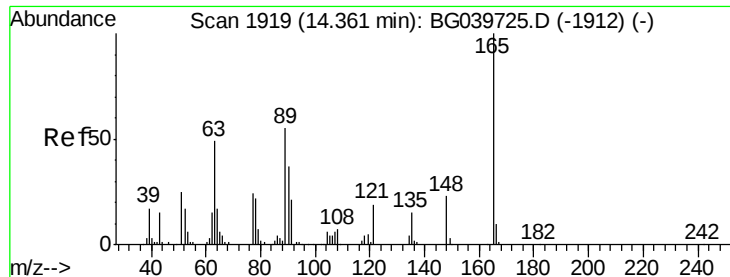


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

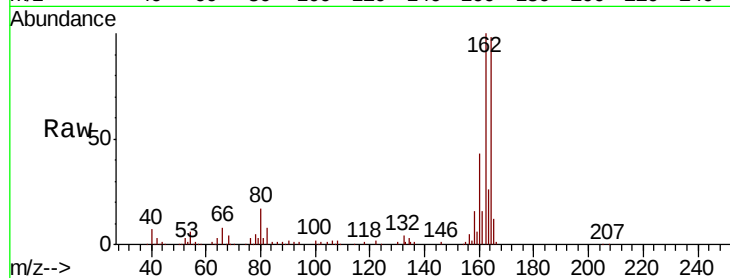




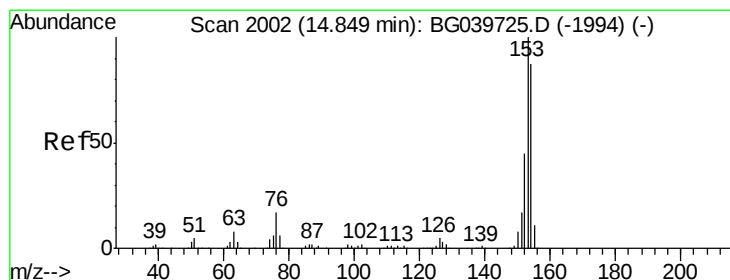
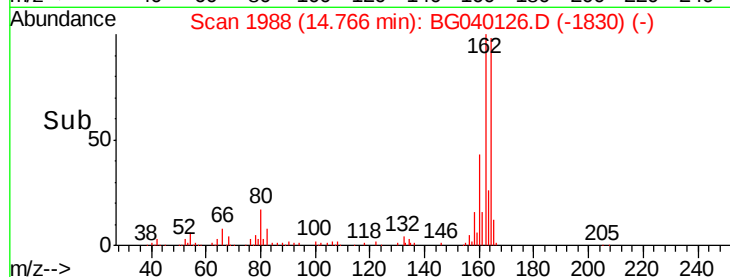
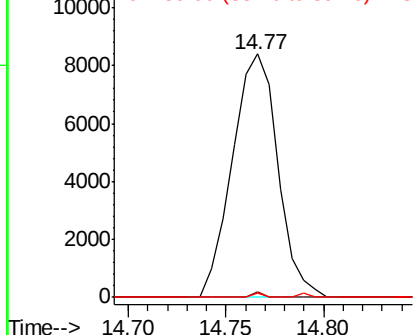
#51
 2,6-Dinitrotoluene
 Concen: 7.340 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Instrument :
 BNA_G
 ClientSampled :
 26524-27245

Tgt Ion:165 Resp: 13526
 Ion Ratio Lower Upper
 165 100
 63 2.4 47.0 70.6#
 89 1.9 45.8 68.8#

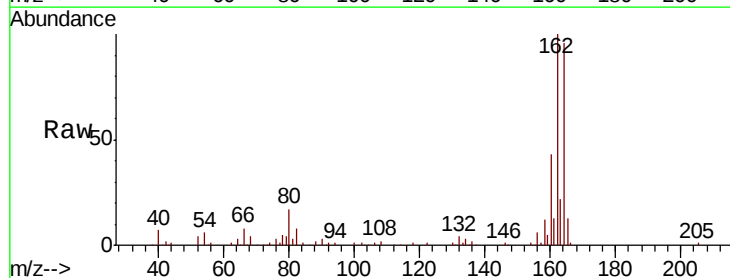


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

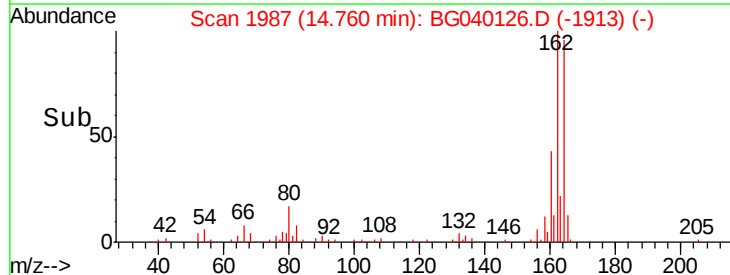
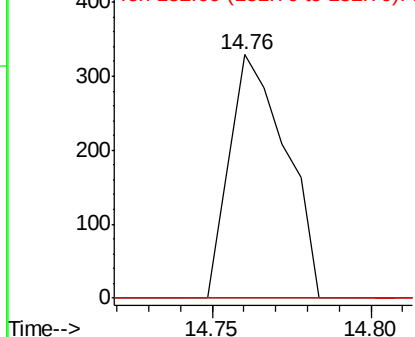


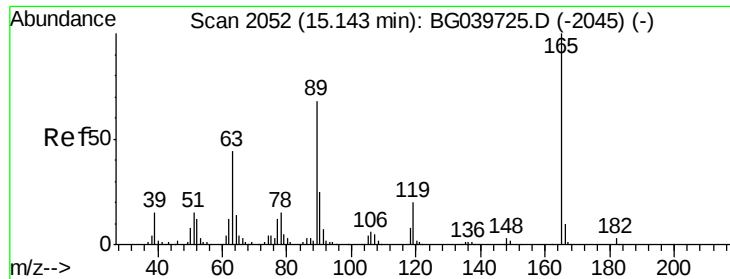
#52
 Acenaphthene
 Concen: 0.063 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.10 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Tgt Ion:154 Resp: 403
 Ion Ratio Lower Upper
 154 100
 153 0.0 90.1 135.1#
 152 0.0 40.9 61.3#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

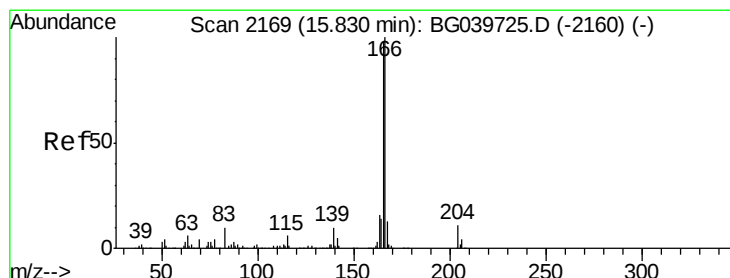
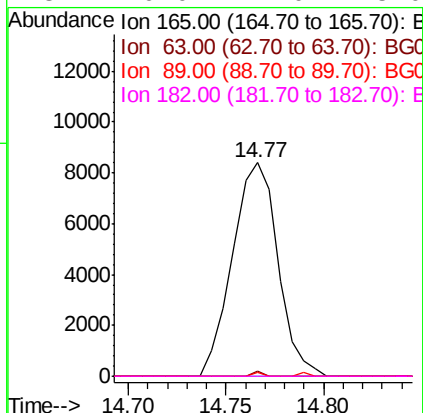
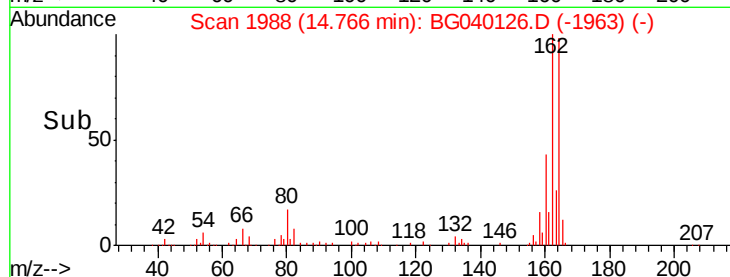
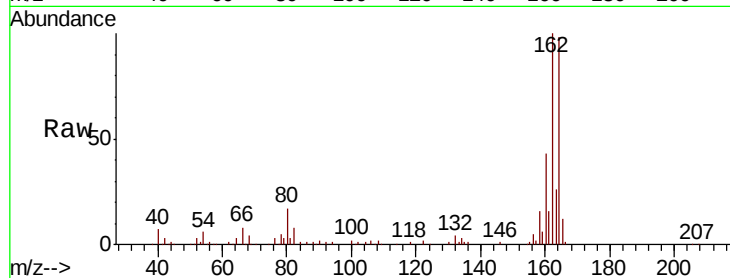




#57
2,4-Dinitrotoluene
Concen: 5.224 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

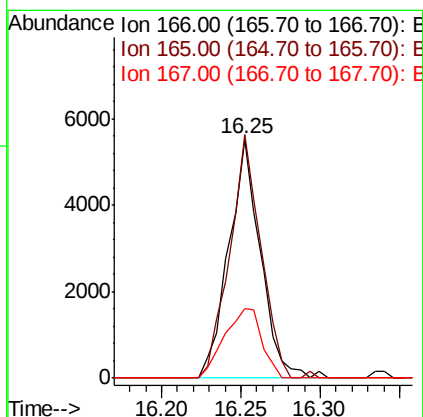
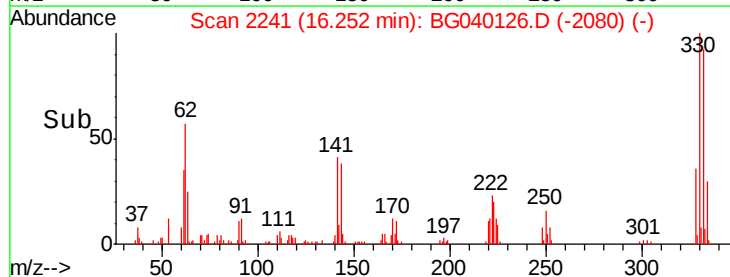
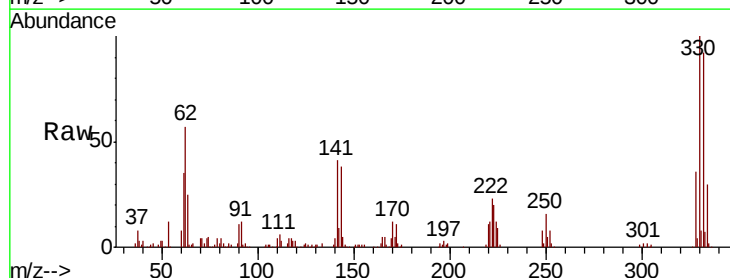
Instrument :
BNA_G
ClientSampleId :
26524-27245

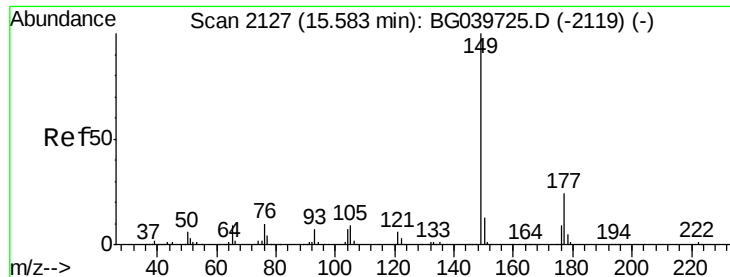
Tgt Ion:165 Resp: 13526
Ion Ratio Lower Upper
165 100
63 2.4 41.0 61.6#
89 1.9 64.6 96.8#
182 0.0 2.0 3.0#



#58
Fluorene
Concen: 0.940 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.42 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Tgt Ion:166 Resp: 7704
Ion Ratio Lower Upper
166 100
165 102.1 77.9 116.9
167 29.0 10.8 16.2#

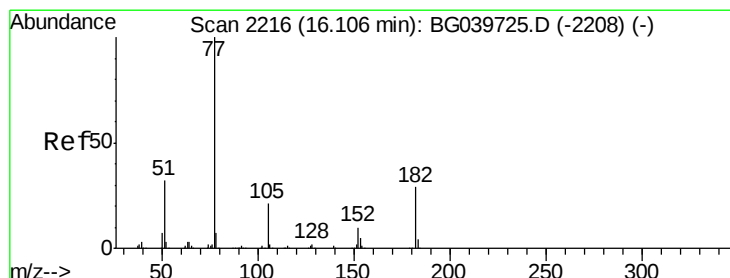
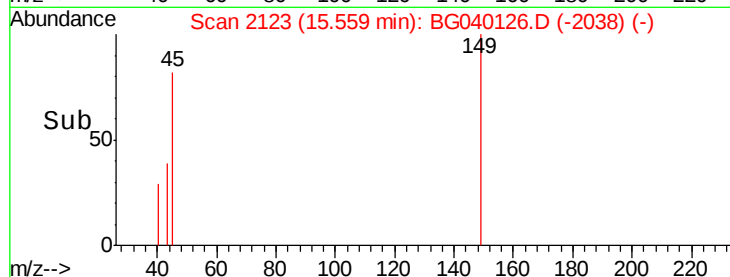
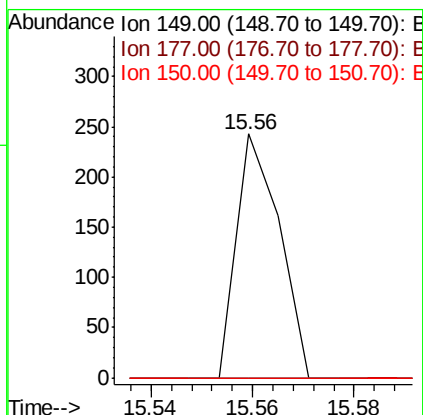
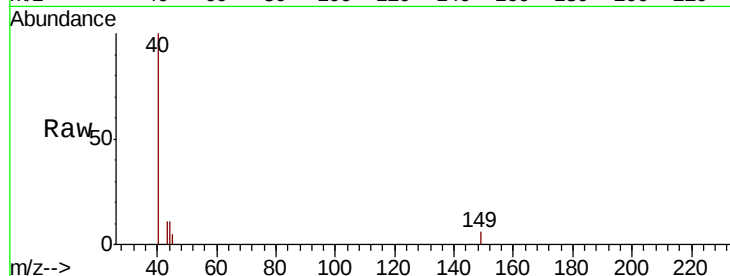




#60
Diethylphthalate
Concen: 0.017 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.03 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

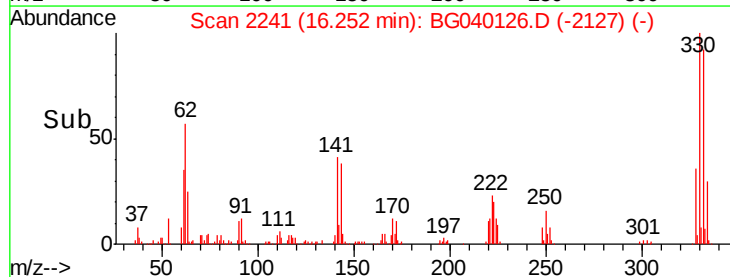
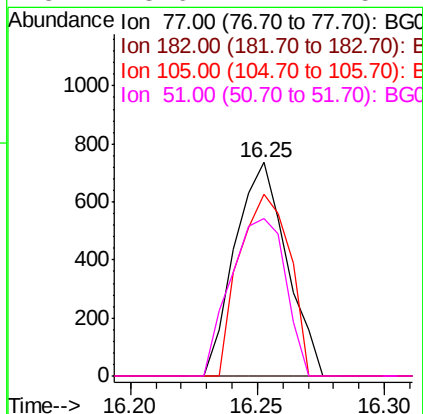
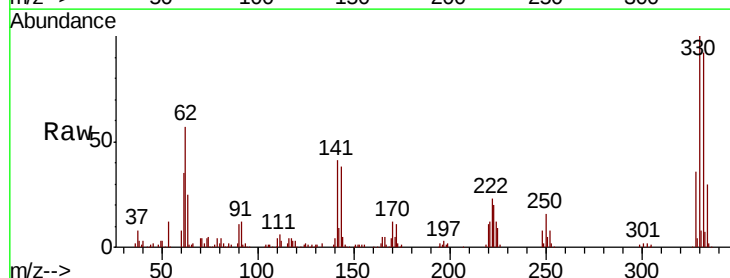
Instrument :
BNA_G
ClientSampleId :
26524-27245

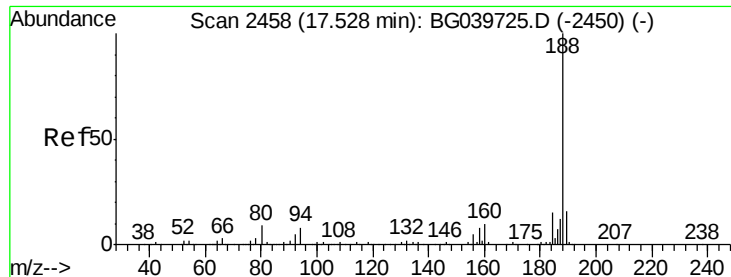
Tgt Ion: 149 Resp: 143
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.133 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.14 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Tgt Ion: 77 Resp: 1040
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 84.9 0.0 39.8#
51 73.6 14.1 54.1#

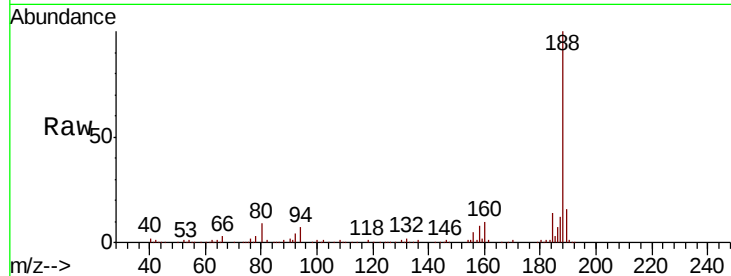




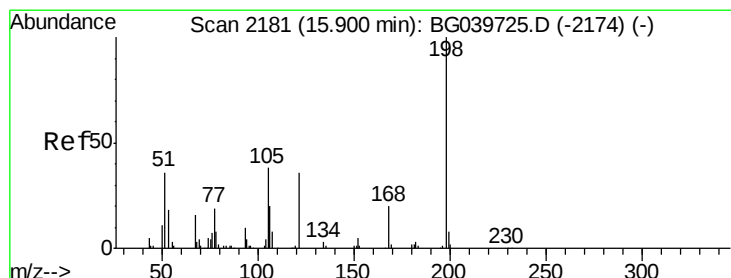
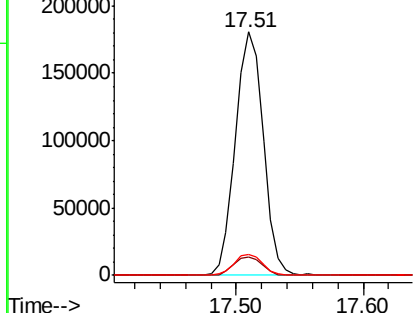
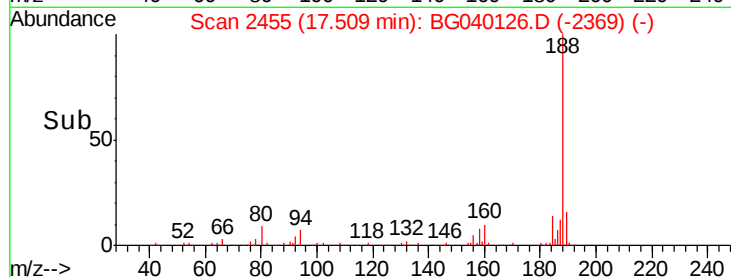
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

Tgt Ion:188 Resp: 274463
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.9 10.3
 80 8.8 8.1 12.1

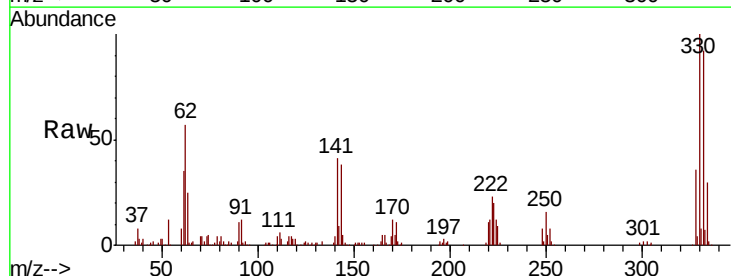


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

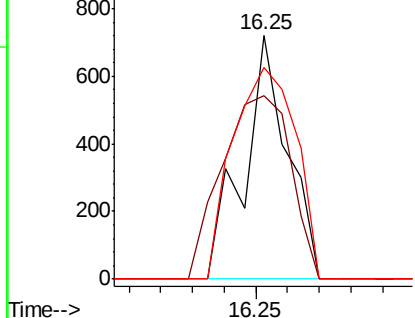
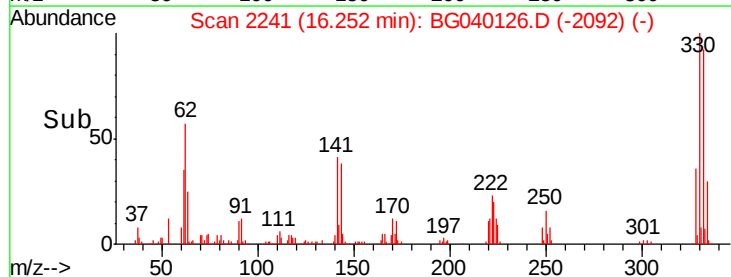


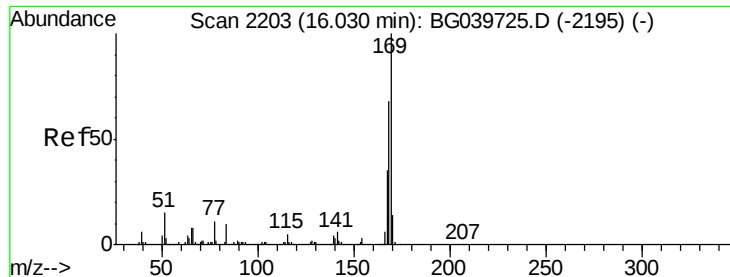
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.425 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.35 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Tgt Ion:198 Resp: 689
 Ion Ratio Lower Upper
 198 100
 51 75.2 27.4 67.4#
 105 86.7 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

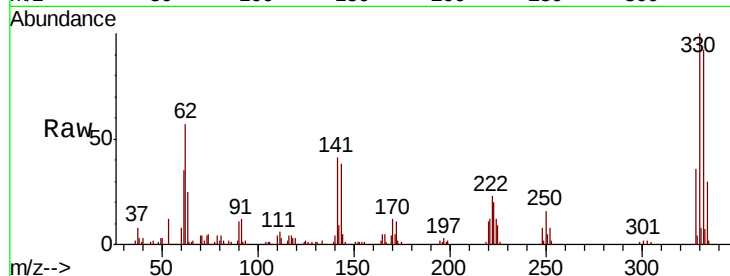




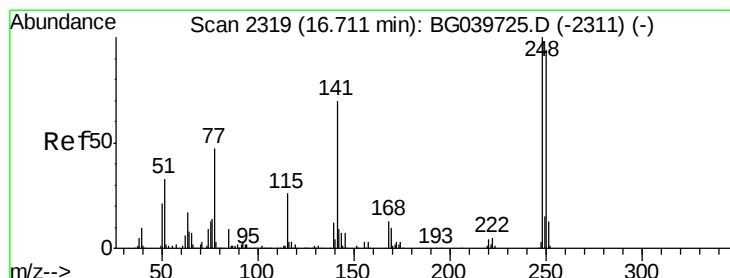
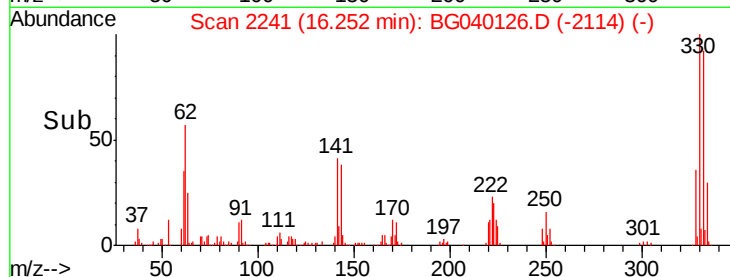
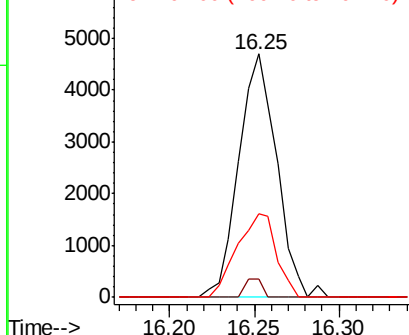
#66
 n-Nitrosodiphenylamine
 Concen: 0.923 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

Tgt Ion:169 Resp: 7331
 Ion Ratio Lower Upper
 169 100
 168 7.7 56.6 85.0#
 167 34.1 28.8 43.2

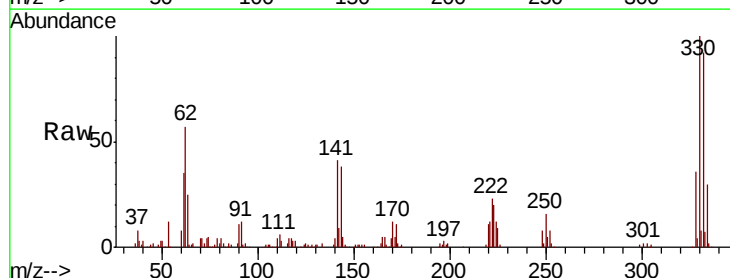


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

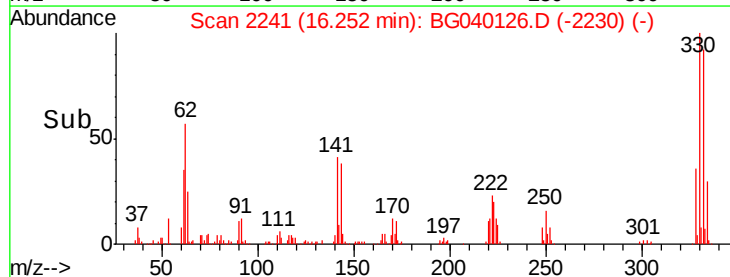
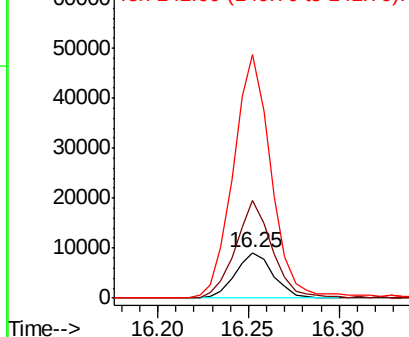


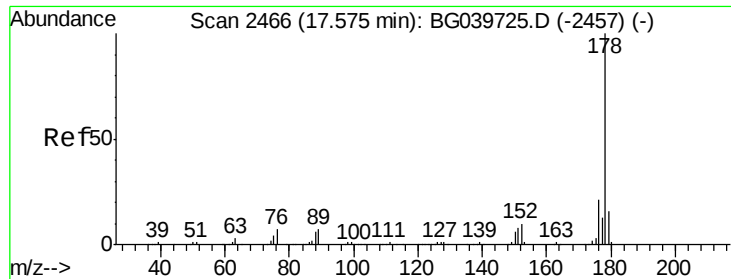
#67
 4-Bromophenyl-phenylether
 Concen: 4.258 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.47 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Tgt Ion:248 Resp: 13080
 Ion Ratio Lower Upper
 248 100
 250 213.2 77.6 116.4#
 141 533.1 63.9 95.9#



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





#71

Phenanthrene

Concen: 0.044 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_G

ClientSampleId :

26524-27245

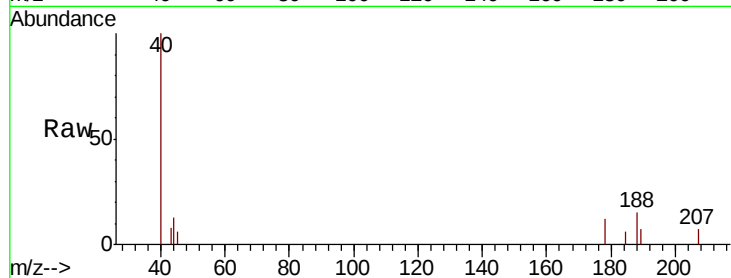
Tgt Ion:178 Resp: 668

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

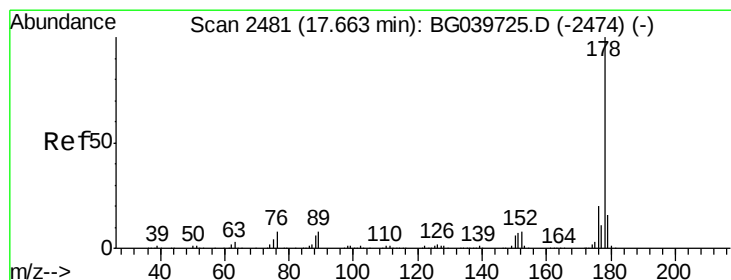
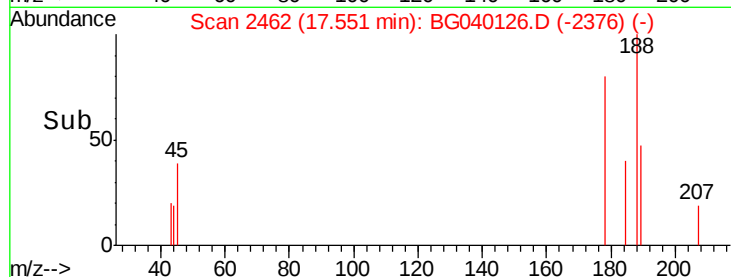
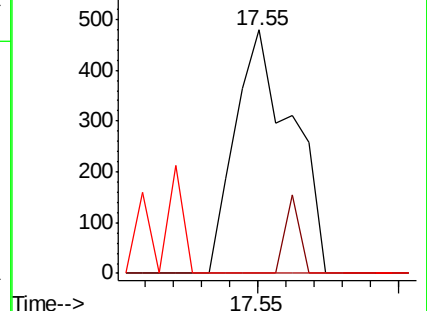
179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 0.045 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.12 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

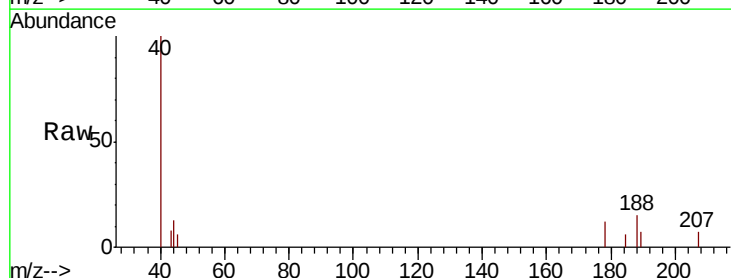
Tgt Ion:178 Resp: 668

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

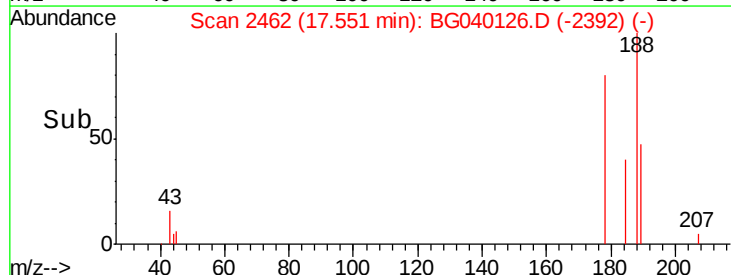
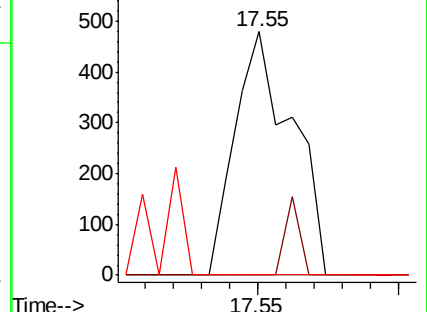
179 0.0 12.5 18.7#

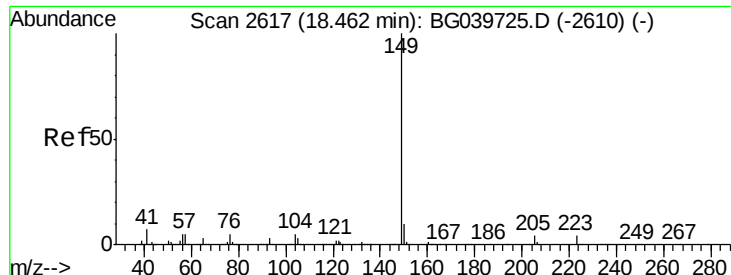


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

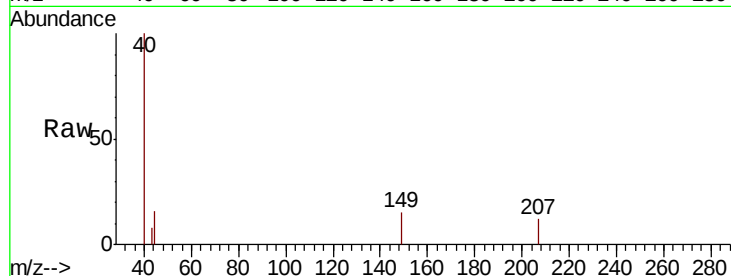




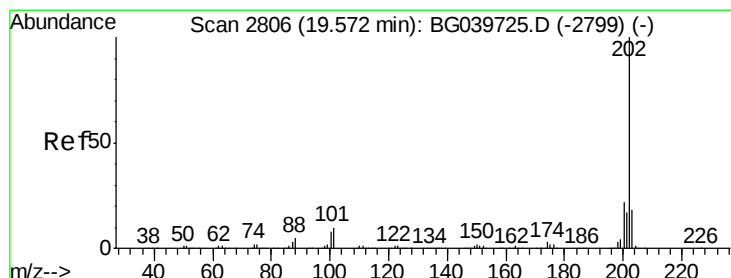
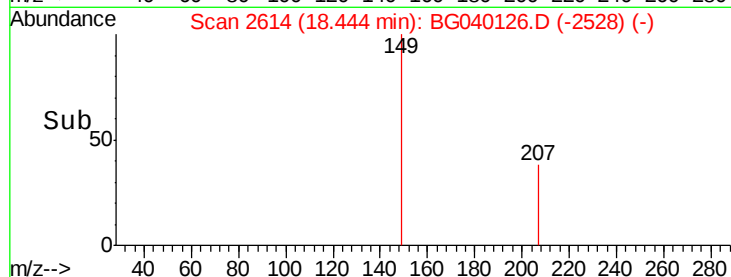
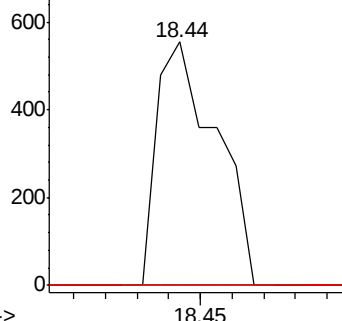
#74
Di-n-butylphthalate
Concen: 0.046 ng
RT: 18.44 min Scan# 2614
Delta R.T. -0.02 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_G
ClientSampleId :
26524-27245

Tgt Ion:149 Resp: 714
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 4.5 6.7#

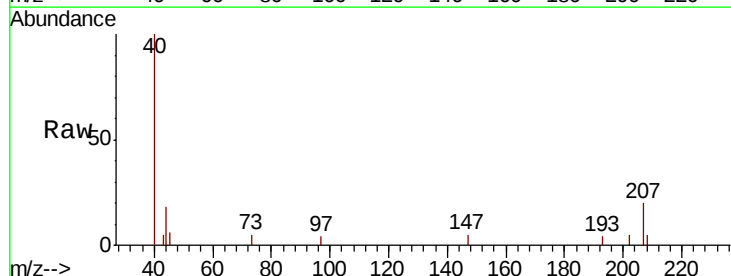


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

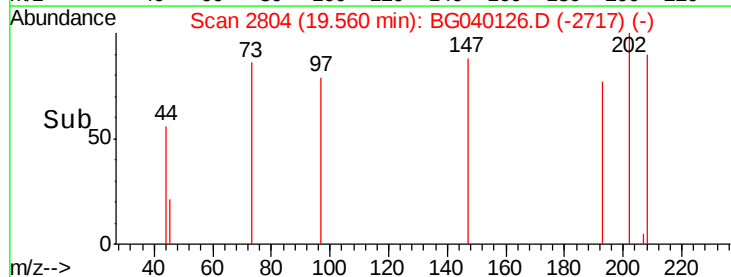
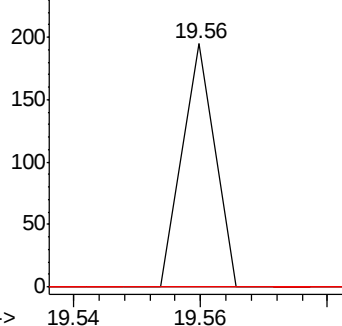


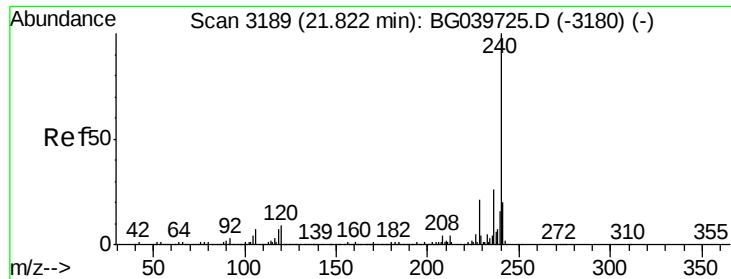
#75
Fluoranthene
Concen: 0.004 ng
RT: 19.56 min Scan# 2804
Delta R.T. -0.02 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Tgt Ion:202 Resp: 69
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

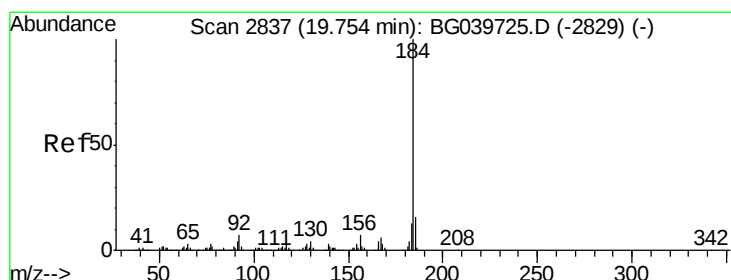
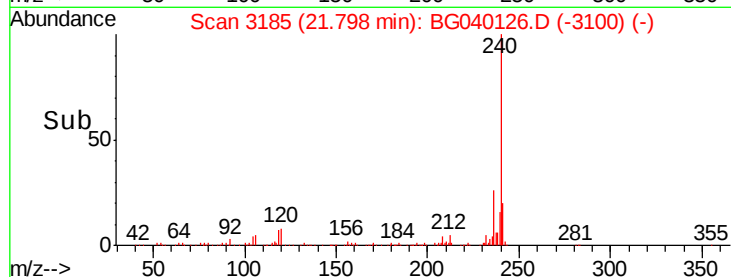
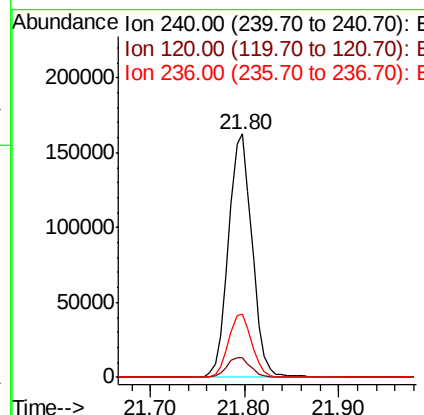
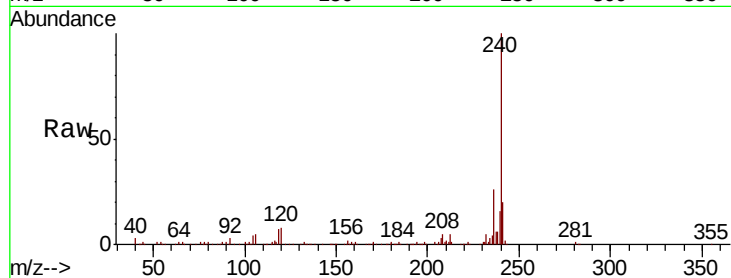




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

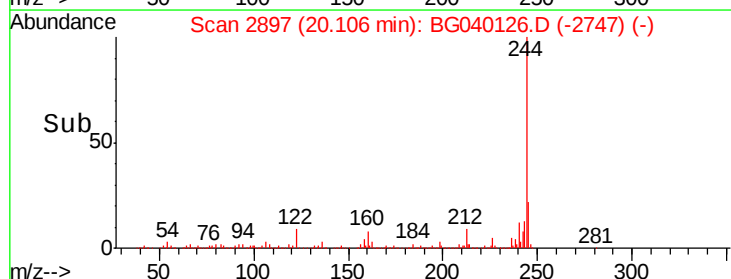
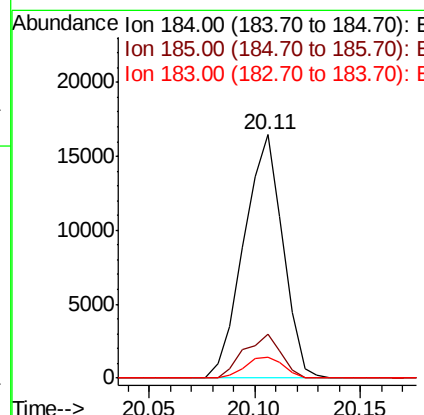
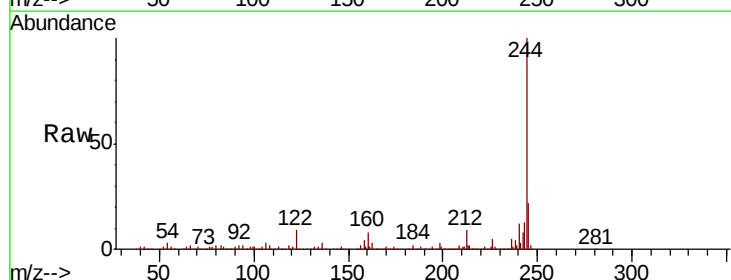
Instrument :
BNA_G
ClientSampleId :
26524-27245

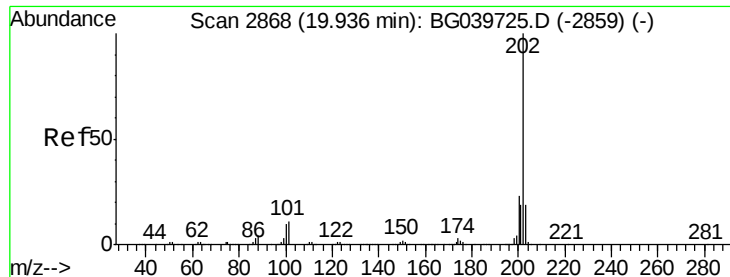
Tgt Ion:240 Resp: 284241
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 25.7 21.0 31.4



#77
Benzidine
Concen: 2.335 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Tgt Ion:184 Resp: 21064
Ion Ratio Lower Upper
184 100
185 17.9 12.2 18.2
183 8.4 10.6 15.8#





#78

Pyrene

Concen: 0.270 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.16 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_G

ClientSampleId :

26524-27245

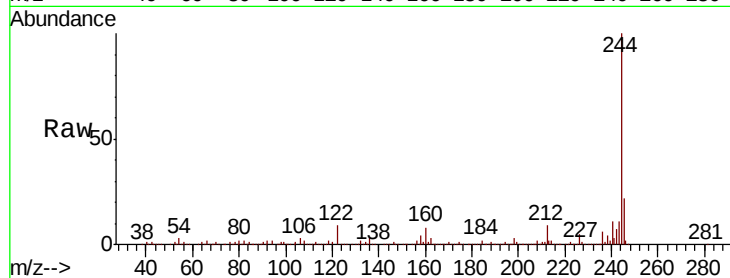
Tgt Ion:202 Resp: 4978

Ion Ratio Lower Upper

202 100

200 44.2 17.8 26.8#

203 15.2 15.3 22.9#

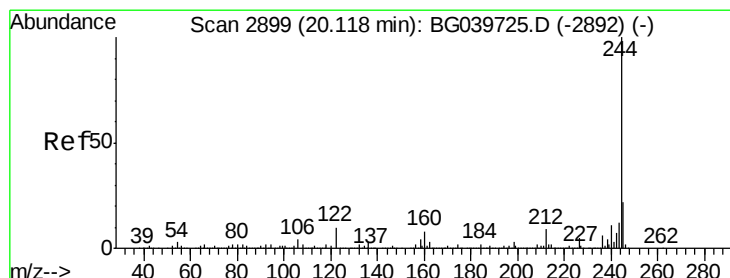
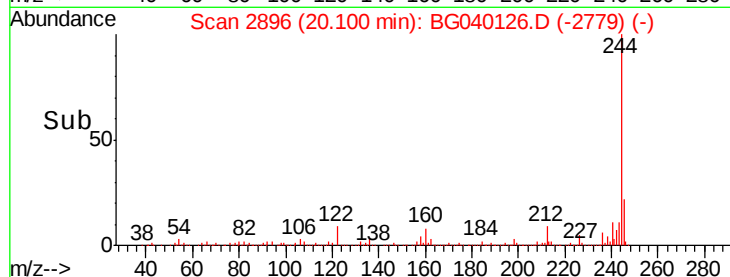
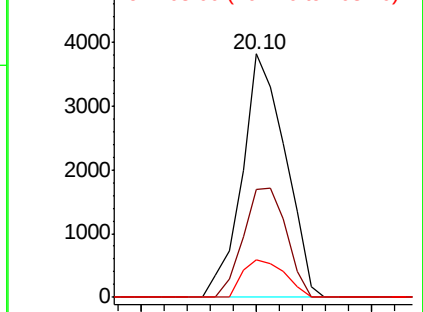


Abundance

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: 94.368 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

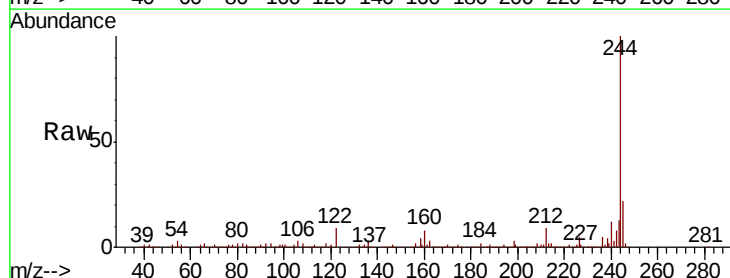
Tgt Ion:244 Resp: 1218238

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

122 9.2 8.4 12.6

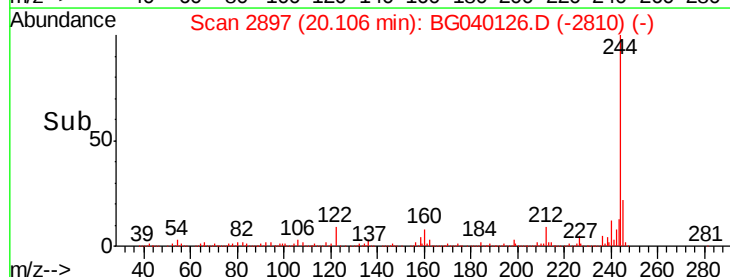
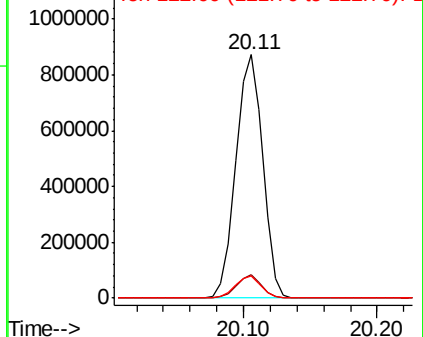


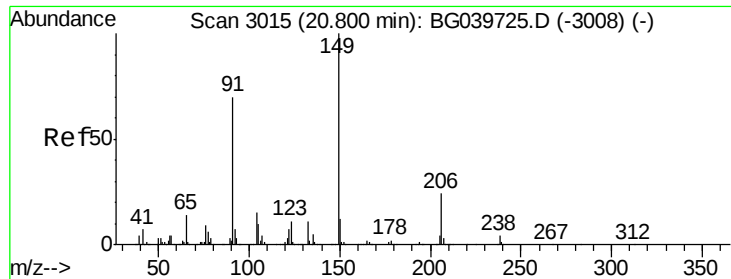
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

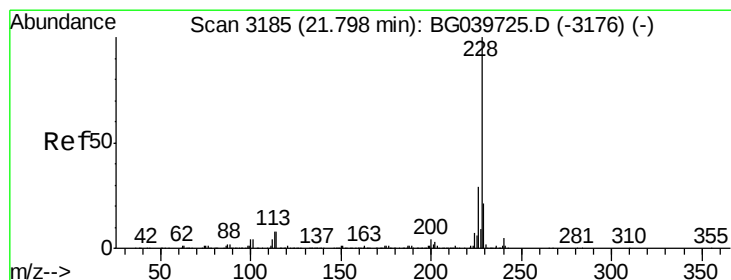
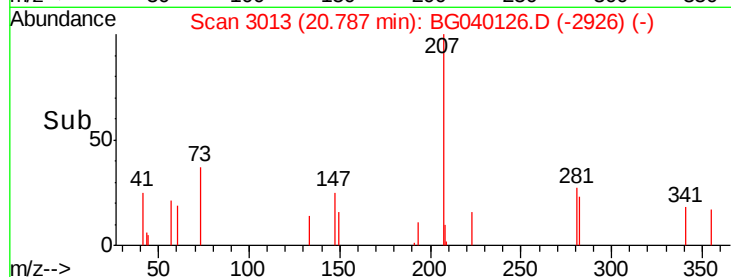
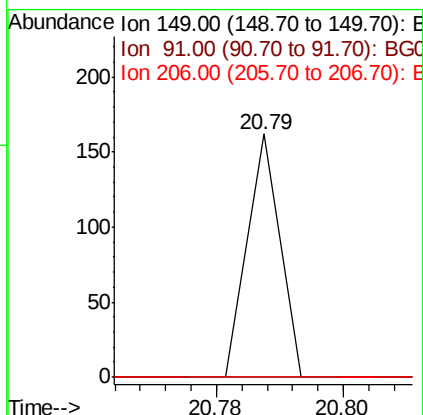
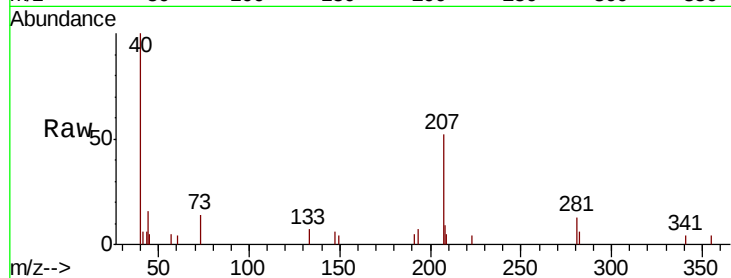




#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.79 min Scan# 3013
Delta R.T. -0.02 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

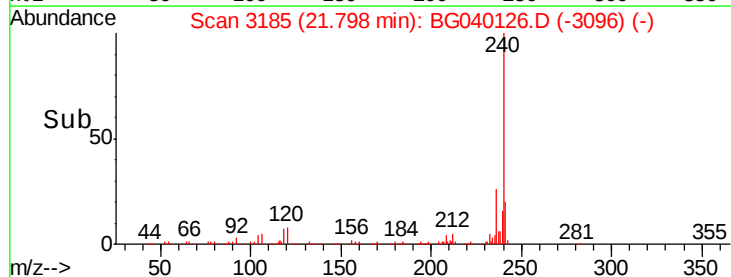
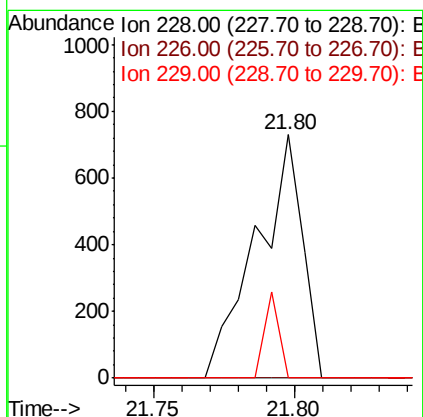
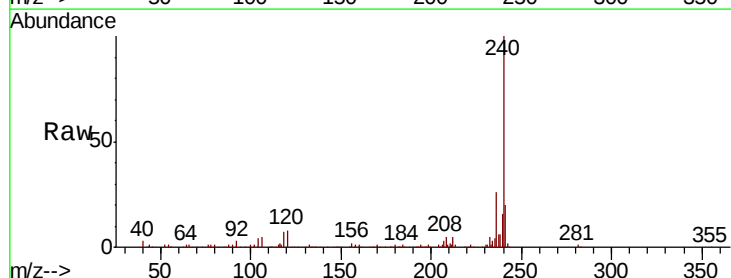
Instrument :
BNA_G
ClientSampleId :
26524-27245

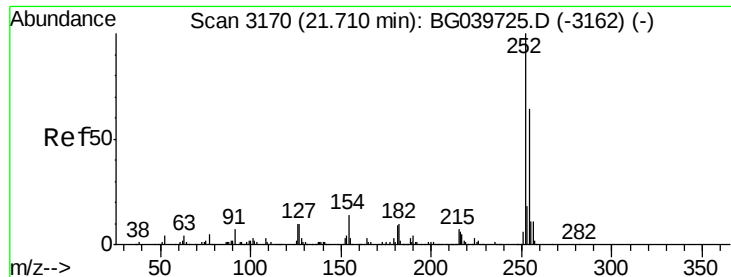
Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#



#81
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

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

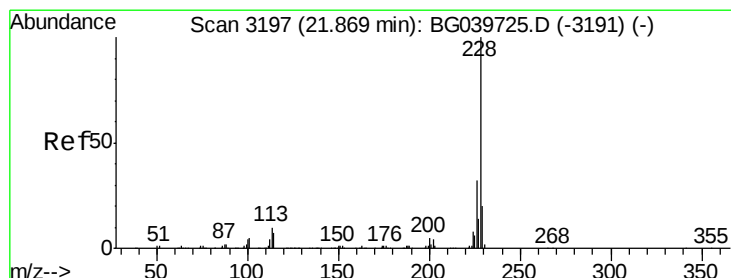
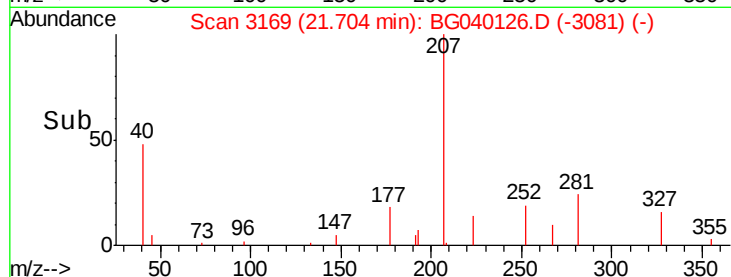
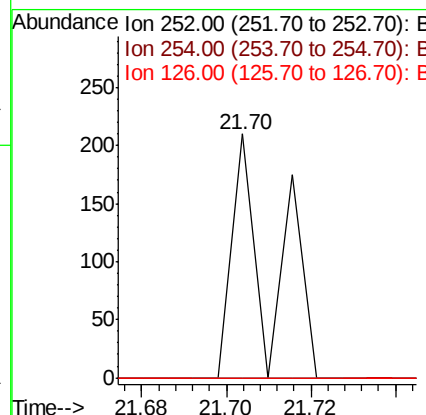
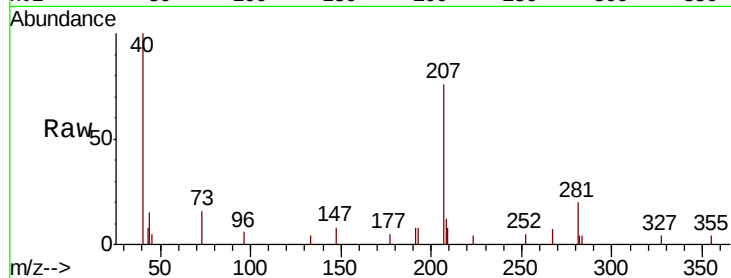




#82
 3,3'-Dichlorobenzidine
 Concen: 0.021 ng
 RT: 21.70 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

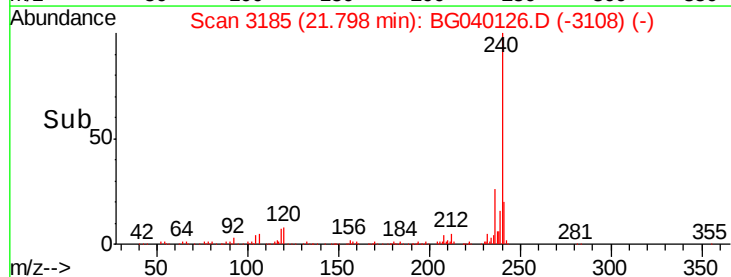
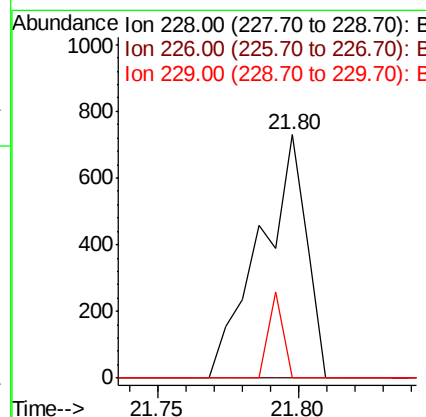
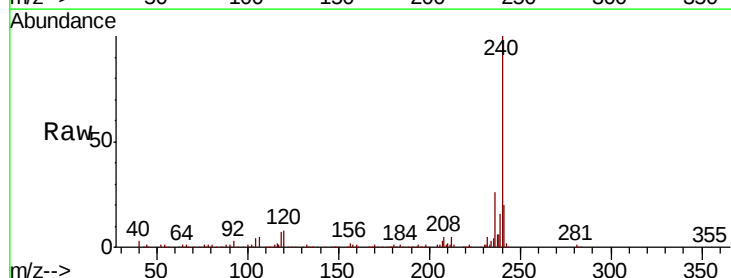
Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

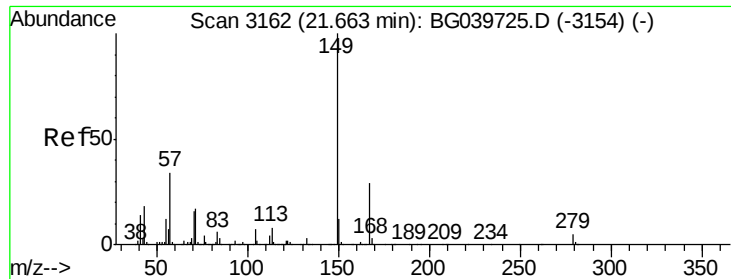
Tgt Ion: 252 Resp: 136
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.3 76.9#
 126 0.0 8.0 12.0#



#83
 Chrysene
 Concen: 0.048 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.08 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Tgt Ion: 228 Resp: 826
 Ion Ratio Lower Upper
 228 100
 226 0.0 25.8 38.6#
 229 0.0 16.6 25.0#

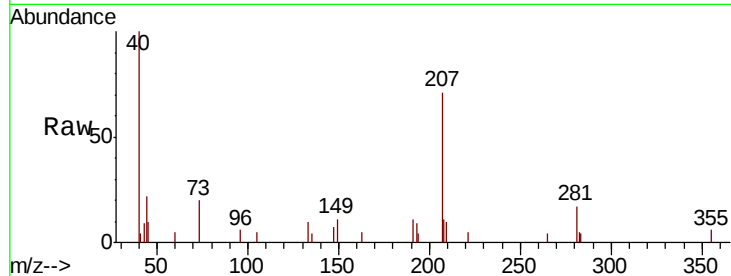




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.03 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

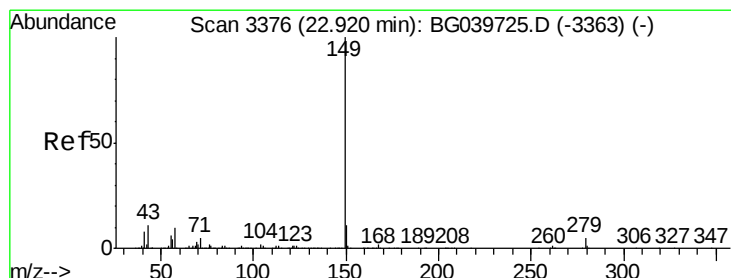
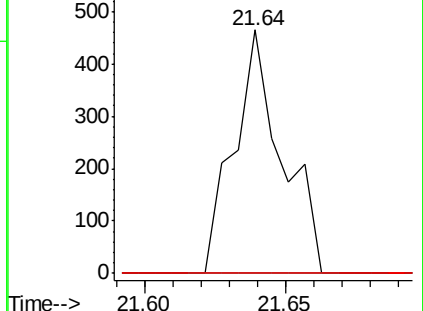
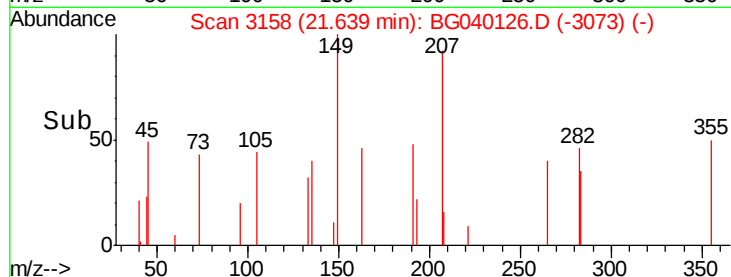
Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

Tgt Ion:149 Resp: 547
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.6 34.0#
 279 0.0 3.5 5.3#



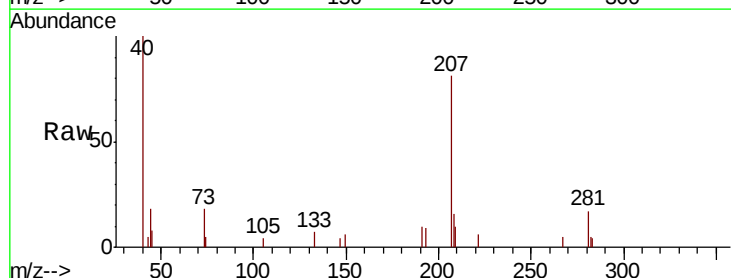
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

21.64



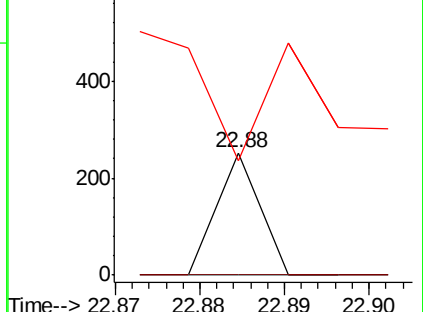
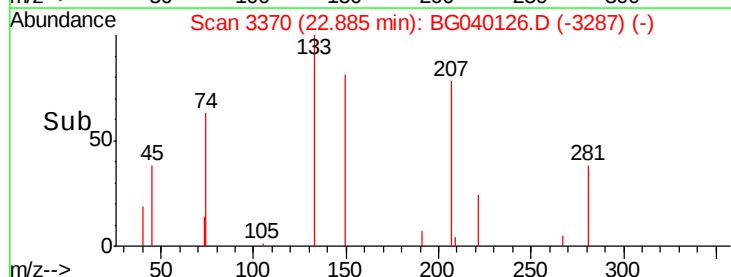
#85
 Di-n-octyl phthalate
 Concen: 0.005 ng
 RT: 22.88 min Scan# 3370
 Delta R.T. -0.04 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

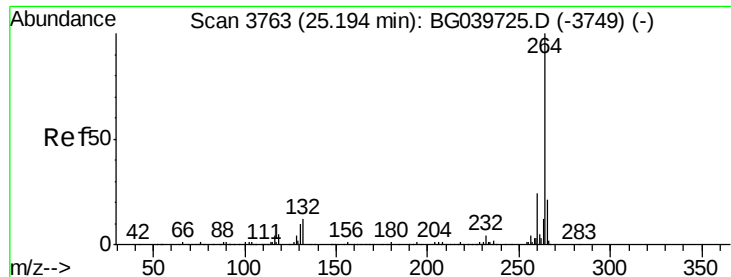
Tgt Ion:149 Resp: 89
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 418.0 10.2 15.4#



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

22.88

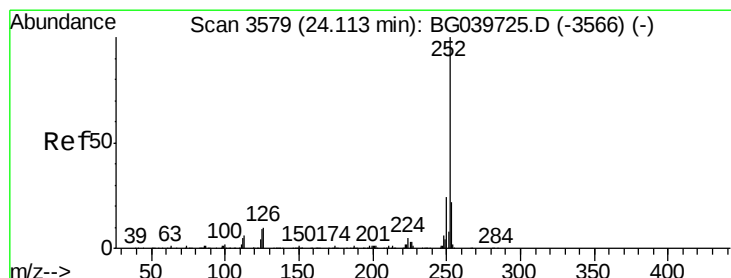
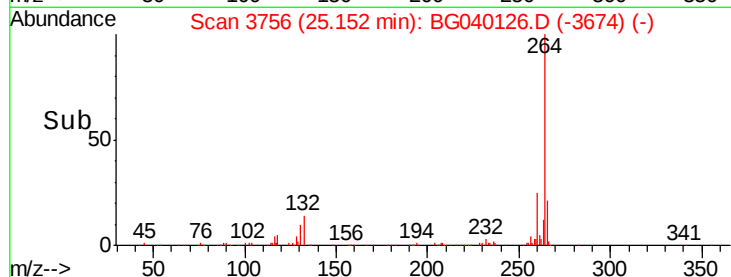
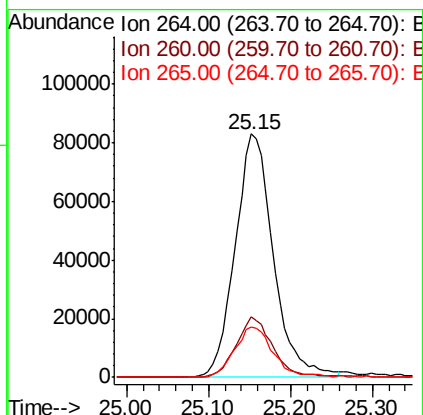
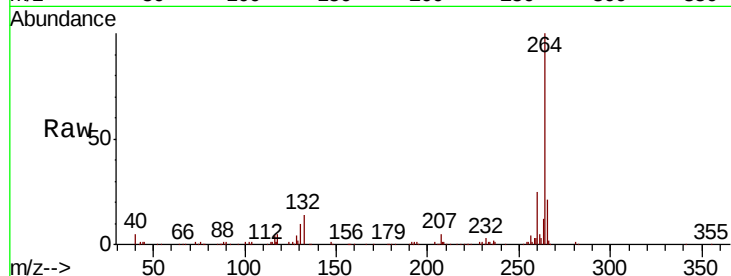




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

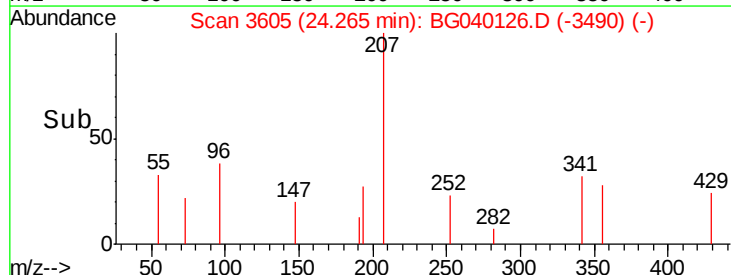
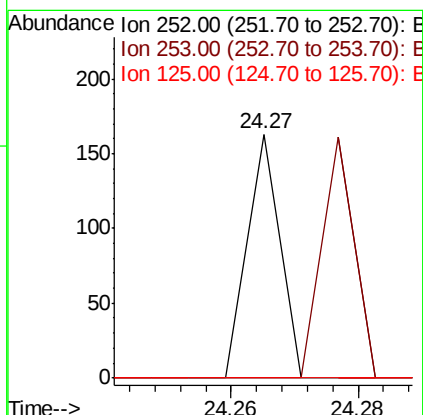
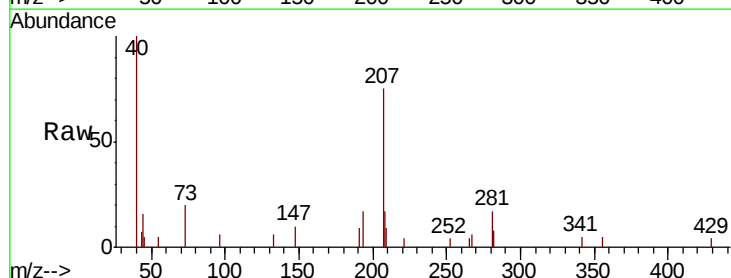
Instrument :
BNA_G
ClientSampleId :
26524-27245

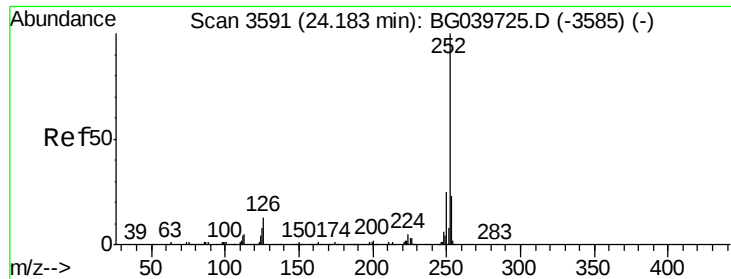
Tgt Ion:264 Resp: 269314
Ion Ratio Lower Upper
264 100
260 24.8 18.2 27.4
265 20.9 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 24.27 min Scan# 3605
Delta R.T. 0.15 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Tgt Ion:252 Resp: 57
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 7.8 11.6#

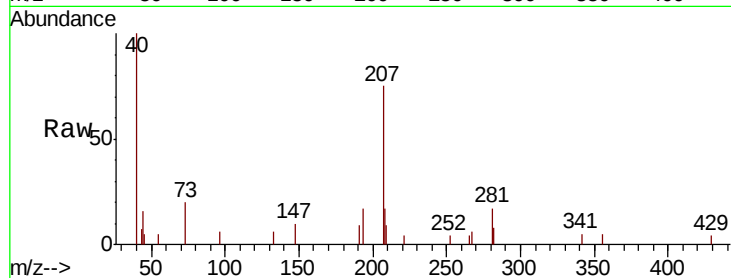




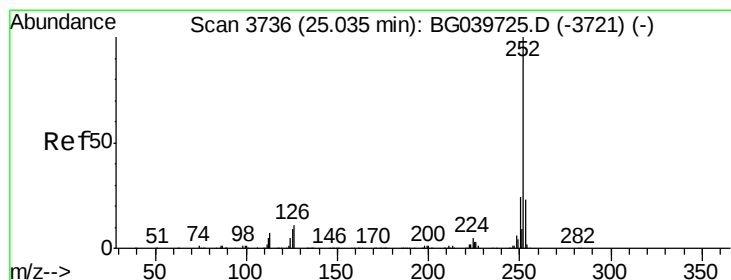
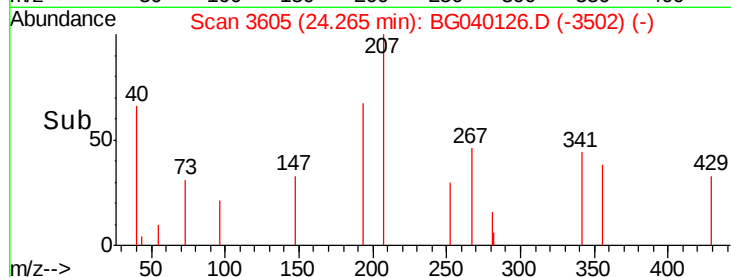
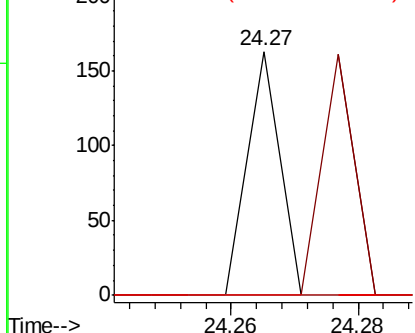
#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 24.27 min Scan# 3605
Delta R.T. 0.08 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_G
ClientSampleId :
26524-27245

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#

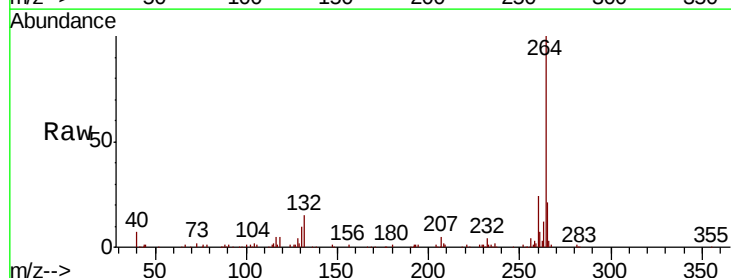


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.034 ng
RT: 25.14 min Scan# 3754
Delta R.T. 0.10 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Tgt Ion:252 Resp: 505
Ion Ratio Lower Upper
252 100
253 37.5 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

