

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040129.D
 Acq On : 25 Mar 2019 22:53
 Operator : JU/SJ
 Sample : K2050-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-5

Quant Time: Mar 26 02:57:46 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	35463	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	153320	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	109859	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	288004	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	291842	20.00	ng	-0.03
87) Perylene-d12	25.16	264	280946	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	253329	121.87	ng	-0.02
7) Phenol-d6	7.29	99	339315	109.47	ng	-0.02
23) Nitrobenzene-d5	9.31	82	232454	82.00	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	138066	107.82	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	578604	74.99	ng	-0.03
79) Terphenyl-d14	20.11	244	1059547	79.94	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	3602	3.753	ng	# 1
4) n-Nitrosodimethylamine	3.92	42	226	0.185	ng	# 1
6) Aniline	7.66	93	456	0.112	ng	# 1
9) Benzaldehyde	7.29	77	428	0.214	ng	# 4
10) Phenol	7.66	94	831	0.247	ng	# 1
11) bis(2-Chloroethyl)ether	7.66	93	456	0.174	ng	# 1
15) Benzyl Alcohol	8.46	79	3210	1.306	ng	# 58
16) 2,2'-oxybis(1-Chloropropan	8.64	45	467	0.089	ng	# 75
19) n-Nitroso-di-n-propylamine	9.31	70	29562	13.251	ng	# 66
24) Nitrobenzene	9.32	77	641	0.216	ng	# 34
46) 1,1'-Biphenyl	13.60	154	953	0.105	ng	# 72
48) 2-Nitroaniline	13.39	65	1075	0.492	ng	# 8
49) Acenaphthylene	14.82	152	319	0.029	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	14591	7.492	ng	# 23
52) Acenaphthene	14.83	154	620	0.092	ng	# 85
56) 4-Nitrophenol	15.18	139	85	0.049	ng	# 1
57) 2,4-Dinitrotoluene	14.77	165	14591	5.332	ng	# 18
58) Fluorene	16.25	166	5579	0.644	ng	# 87
60) Diethylphthalate	15.56	149	67	0.007	ng	# 58
63) Azobenzene	16.25	77	794	0.096	ng	# 56
65) 4,6-Dinitro-2-methylphenol	16.24	198	264	0.155	ng	# 57
66) n-Nitrosodiphenylamine	16.25	169	5570	0.668	ng	# 49
67) 4-Bromophenyl-phenylether	16.25	248	10831	3.360	ng	# 1
71) Phenanthrene	17.56	178	1220	0.077	ng	# 77
72) Anthracene	17.56	178	1220	0.079	ng	# 76
74) Di-n-butylphthalate	18.44	149	140	0.009	ng	# 77
75) Fluoranthene	19.56	202	1069	0.057	ng	# 63
77) Benzidine	20.11	184	17936	1.937	ng	# 93
78) Pyrene	19.93	202	708	0.037	ng	# 55
80) Butylbenzylphthalate	20.78	149	57	0.008	ng	# 22
81) Benzo(a)anthracene	21.80	228	914	0.050	ng	# 47
82) 3,3'-Dichlorobenzidine	21.61	252	67	0.010	ng	# 26
83) Chrysene	21.80	228	914	0.052	ng	# 44
84) Bis(2-ethylhexyl)phthalate	21.64	149	165	0.016	ng	# 52

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040129.D
Acq On : 25 Mar 2019 22:53
Operator : JU/SJ
Sample : K2050-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CS-5

Quant Time: Mar 26 02:57:46 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

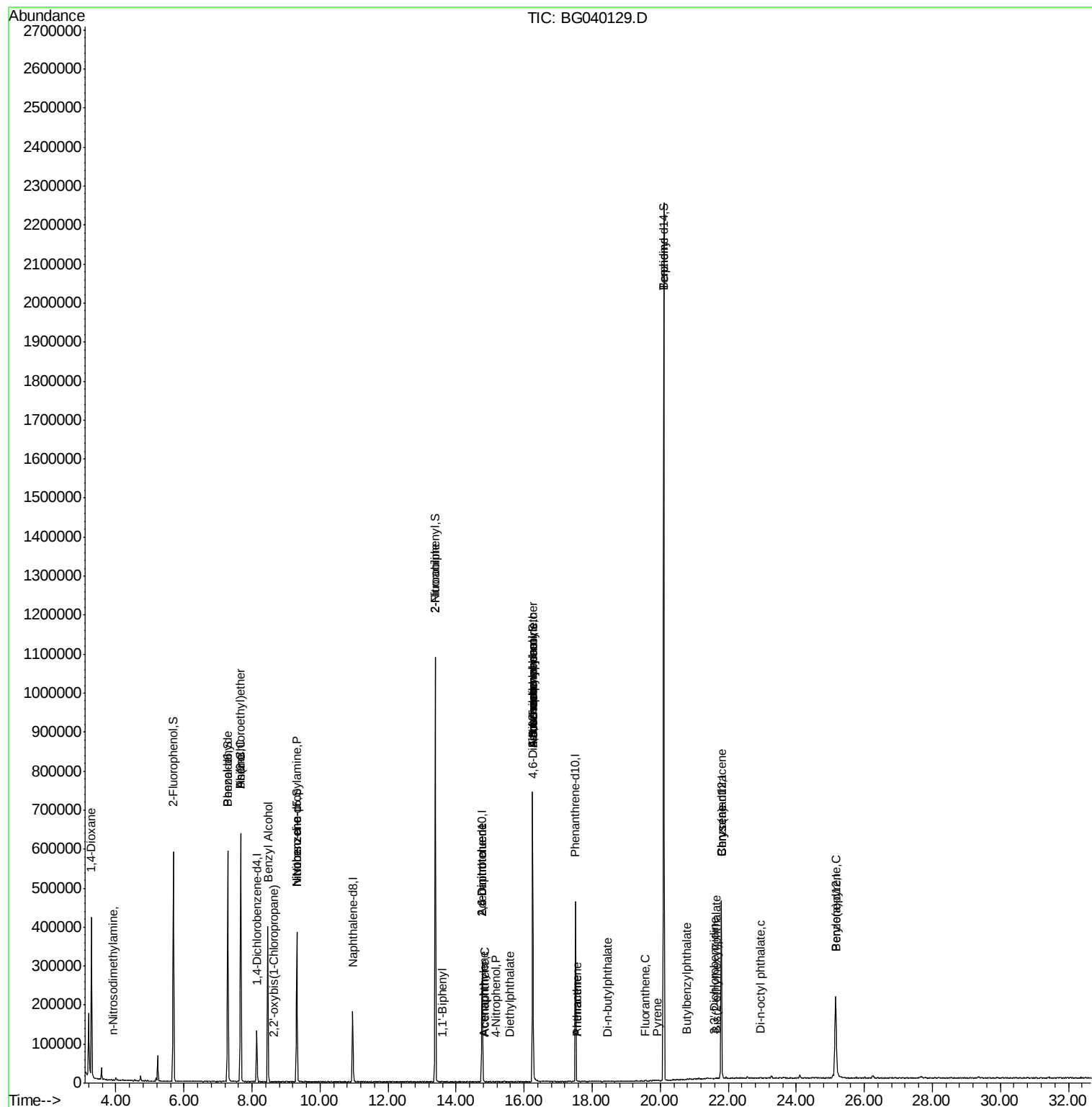
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	22.94	149	73	0.004	ng	# 1
90) Benzo(a)pyrene	25.16	252	908	0.059	ng	# 59

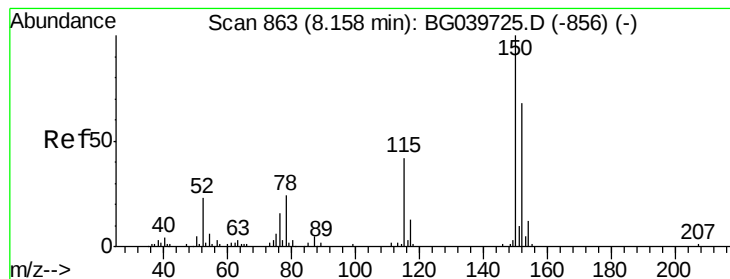
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040129.D
Acq On : 25 Mar 2019 22:53
Operator : JU/SJ
Sample : K2050-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CS-5

Quant Time: Mar 26 02:57:46 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: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampled :

CS-5

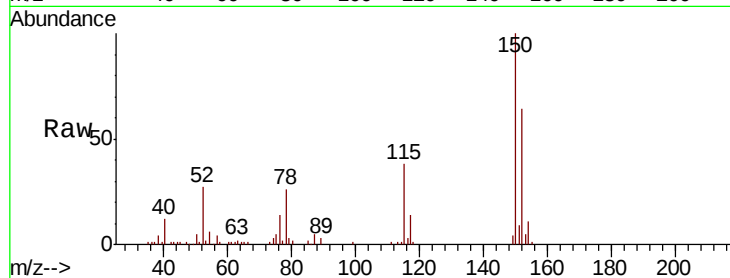
Tgt Ion:152 Resp: 35463

Ion Ratio Lower Upper

152 100

150 155.9 123.7 185.5

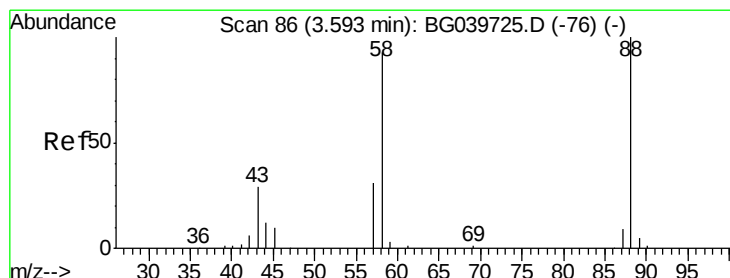
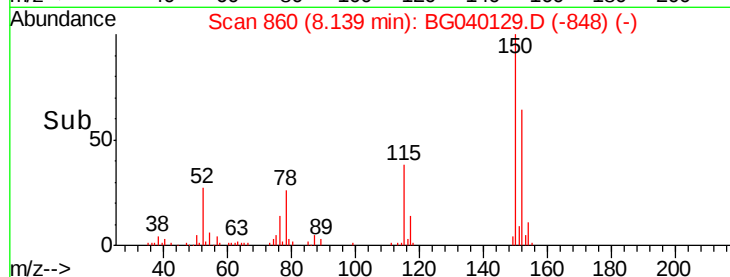
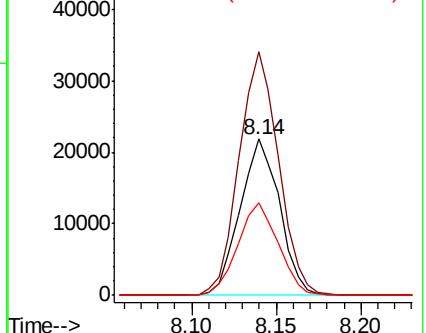
115 59.6 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.753 ng

RT: 3.28 min Scan# 33

Delta R.T. -0.32 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

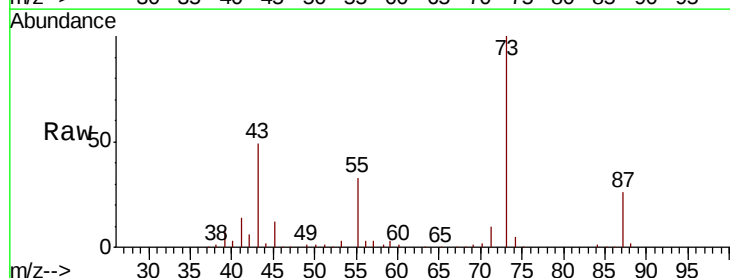
Tgt Ion: 88 Resp: 3602

Ion Ratio Lower Upper

88 100

58 44.7 81.1 121.7#

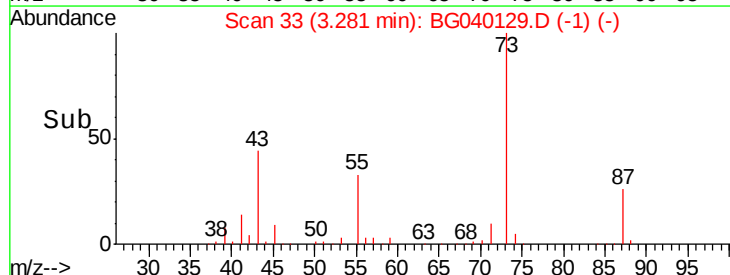
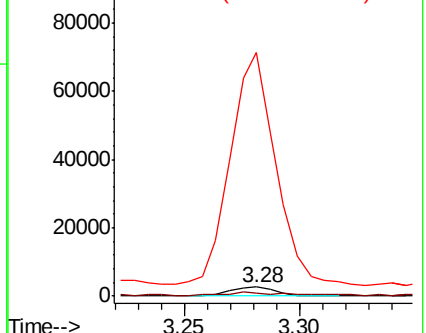
43 2626.4 31.4 47.0#

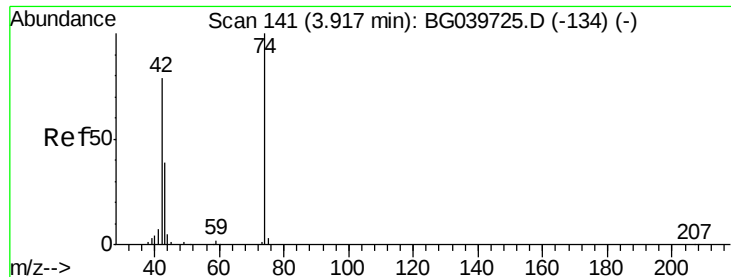


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



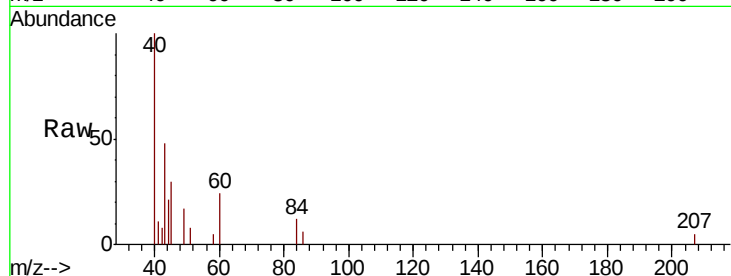


#4

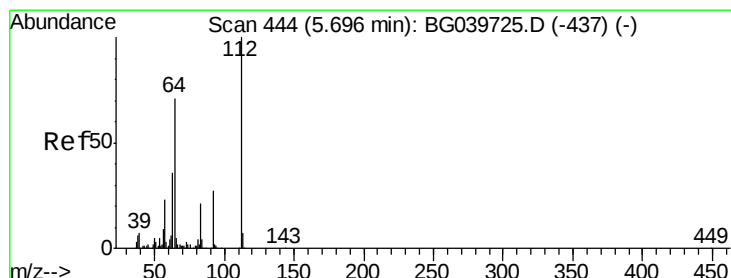
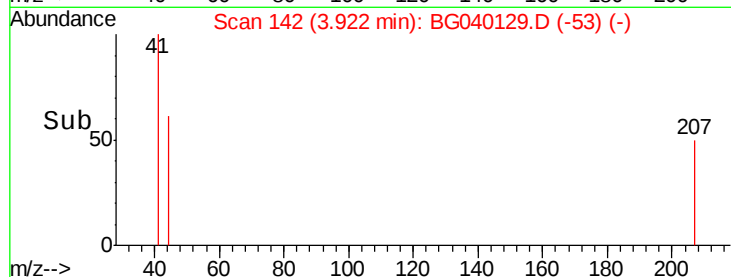
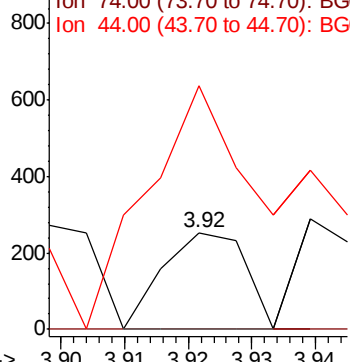
n-Nitrosodimethylamine
 Concen: 0.185 ng
 RT: 3.92 min Scan# 142
 Delta R.T. -0.01 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Instrument :
 BNA_G
 ClientSampleId :
 CS-5

Tgt Ion: 42 Resp: 226
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 250.8 6.9 10.3#



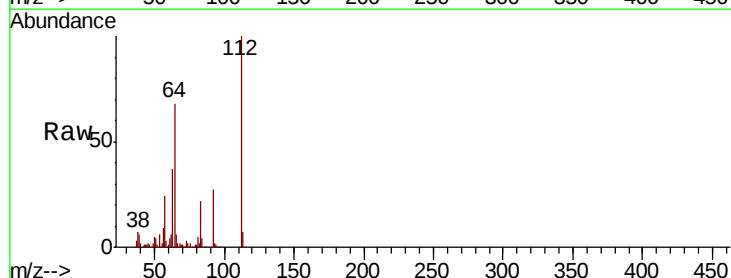
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



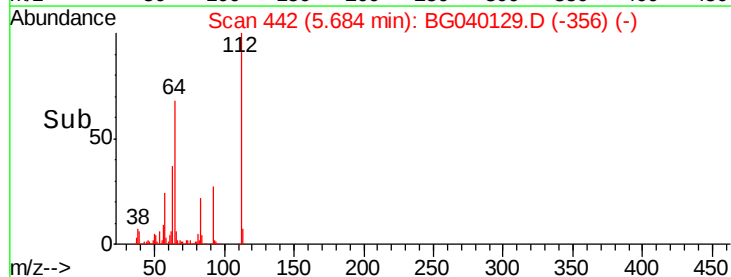
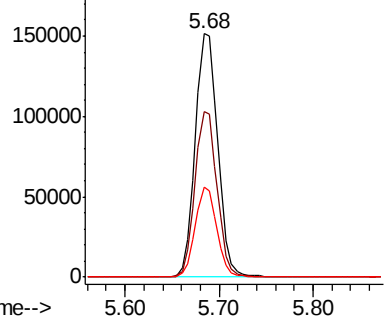
#5

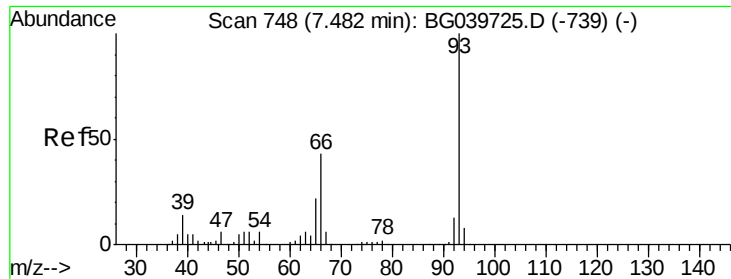
2-Fluorophenol
 Concen: 121.868 ng
 RT: 5.68 min Scan# 442
 Delta R.T. -0.02 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Tgt Ion: 112 Resp: 253329
 Ion Ratio Lower Upper
 112 100
 64 68.2 57.8 86.8
 63 36.9 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: 0.112 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.17 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampleId :

CS-5

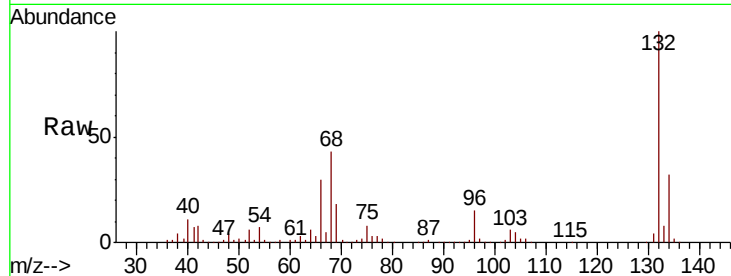
Tgt Ion: 93 Resp: 456

Ion Ratio Lower Upper

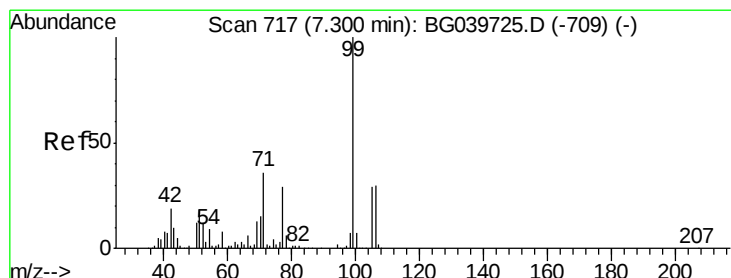
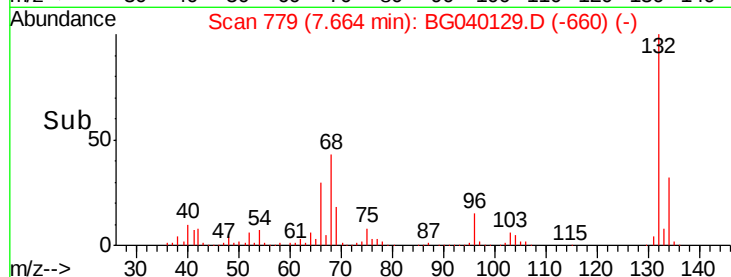
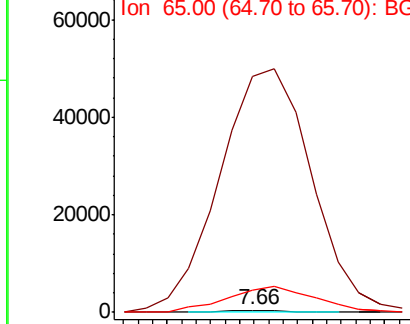
93 100

66 10726.4 34.2 51.4#

65 980.0 17.7 26.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 109.475 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

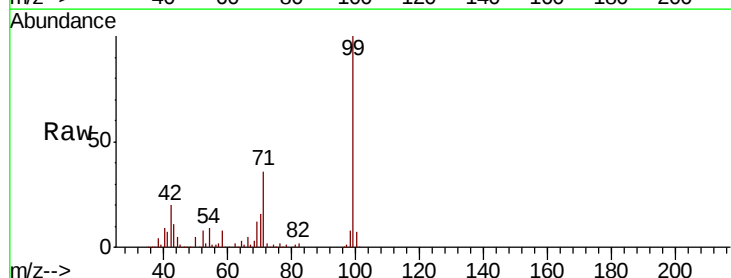
Tgt Ion: 99 Resp: 339315

Ion Ratio Lower Upper

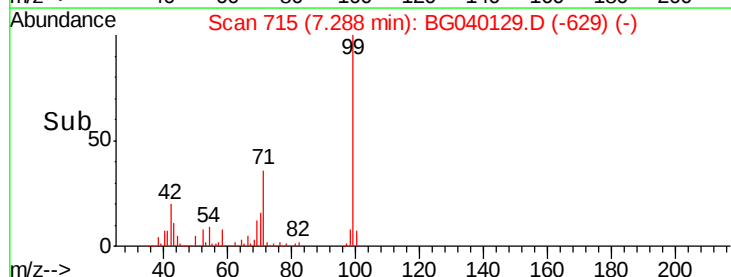
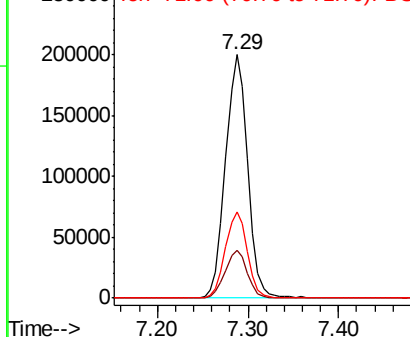
99 100

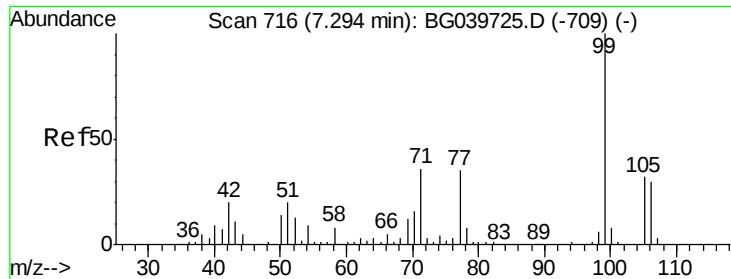
42 19.6 18.2 27.2

71 35.6 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: 0.214 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampled :

CS-5

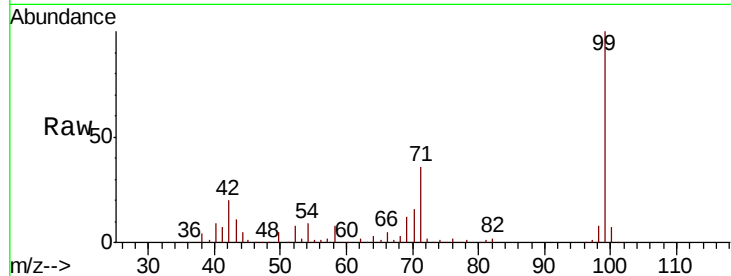
Tgt Ion: 77 Resp: 428

Ion Ratio Lower Upper

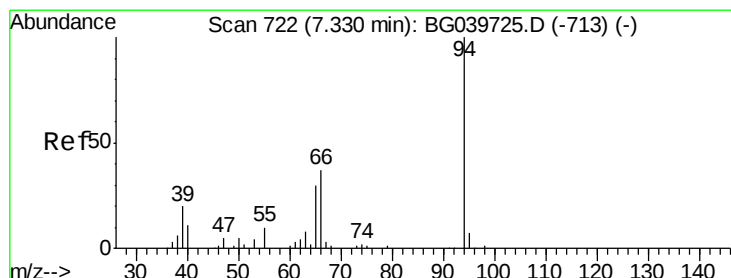
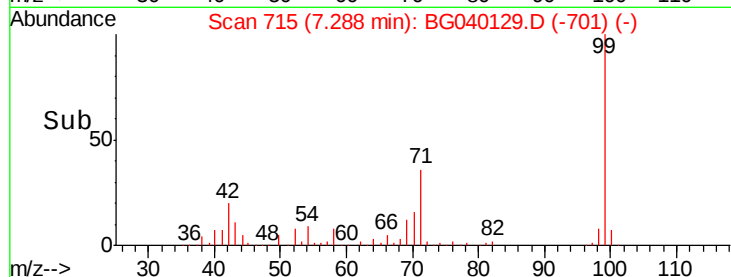
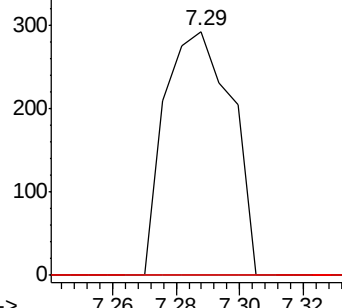
77 100

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: 0.247 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.33 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

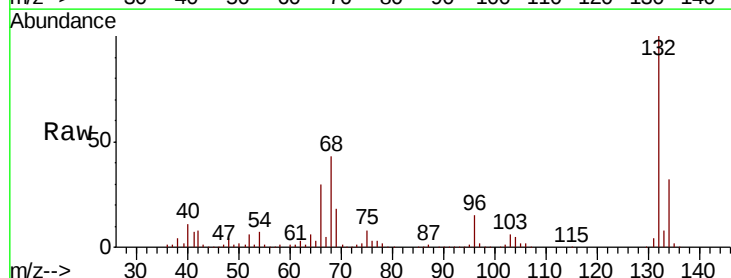
Tgt Ion: 94 Resp: 831

Ion Ratio Lower Upper

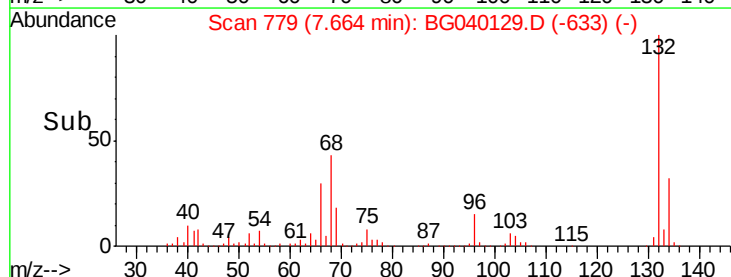
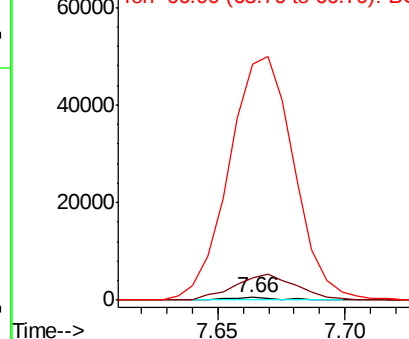
94 100

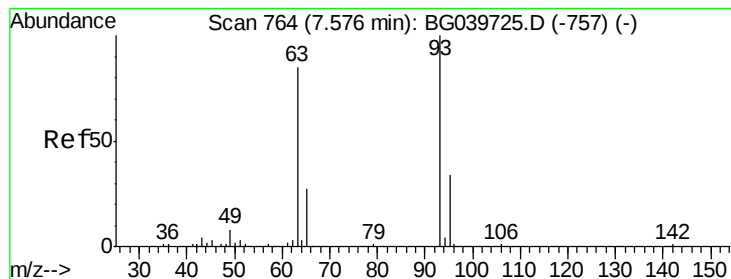
65 763.4 11.7 51.7#

66 8355.1 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: 0.174 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.08 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampleId :

CS-5

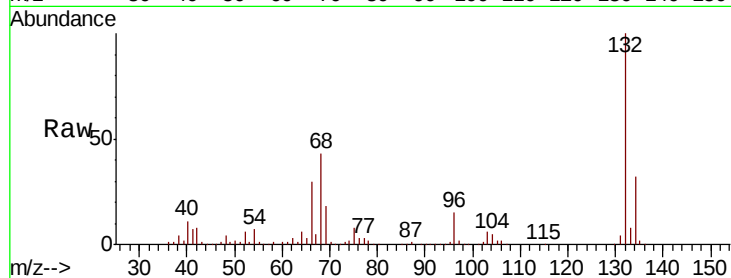
Tgt Ion: 93 Resp: 456

Ion Ratio Lower Upper

93 100

63 487.1 69.5 109.5#

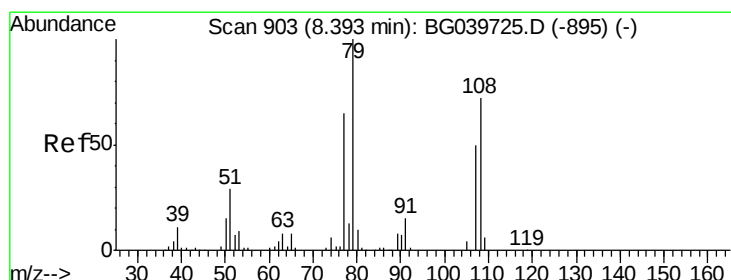
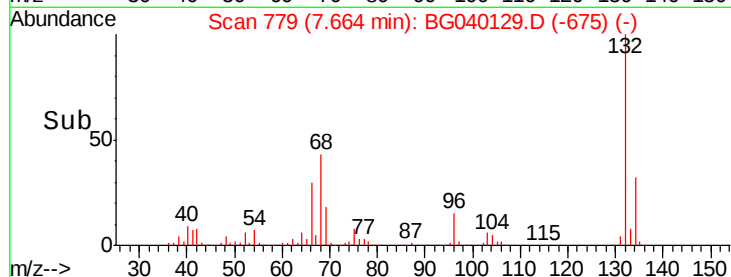
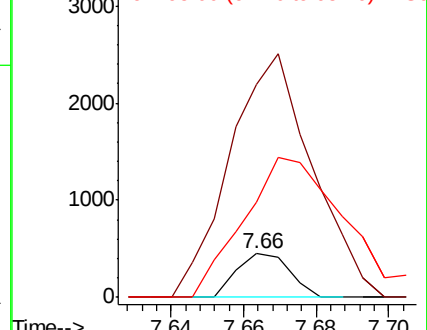
95 216.6 12.7 52.7#



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



#15

Benzyl Alcohol

Concen: 1.306 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.06 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

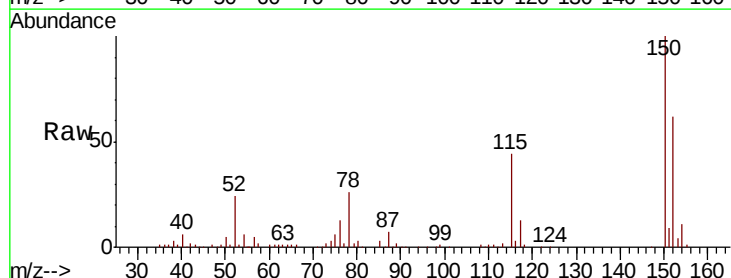
Tgt Ion: 79 Resp: 3210

Ion Ratio Lower Upper

79 100

108 34.8 57.8 86.6#

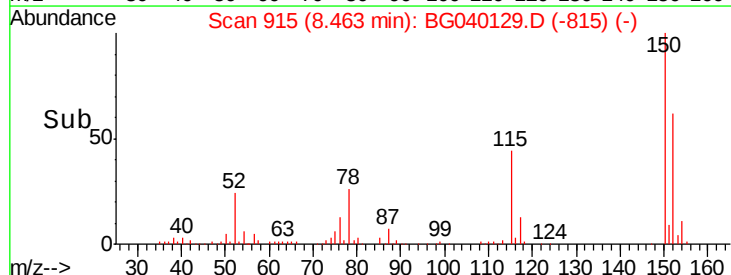
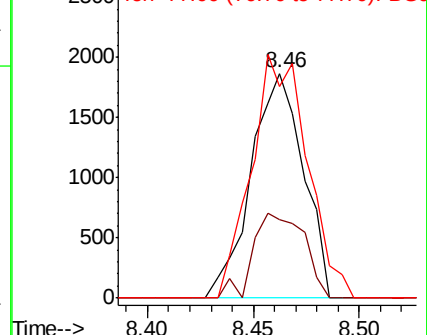
77 94.1 51.1 76.7#

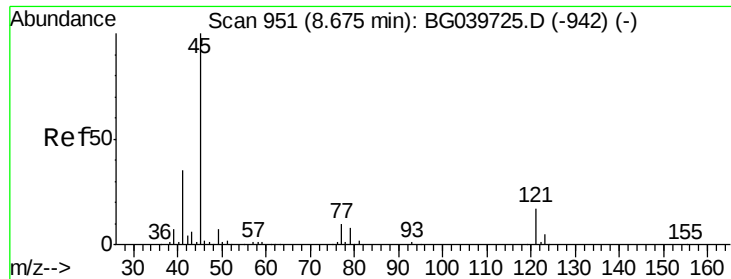


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

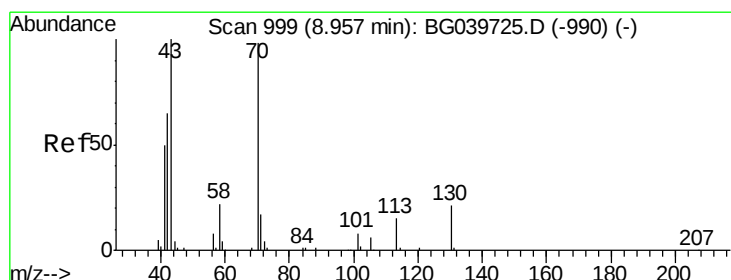
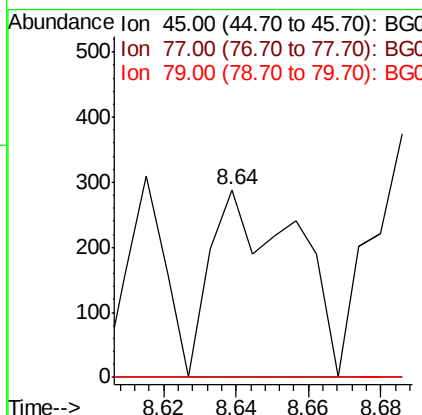
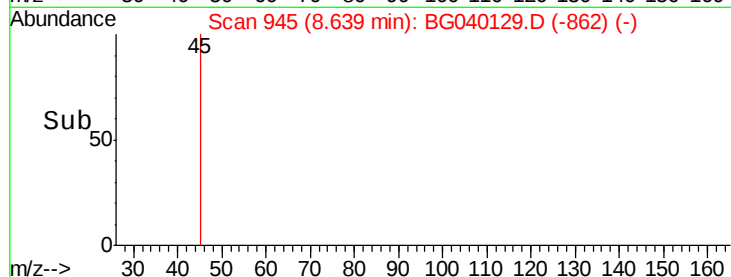
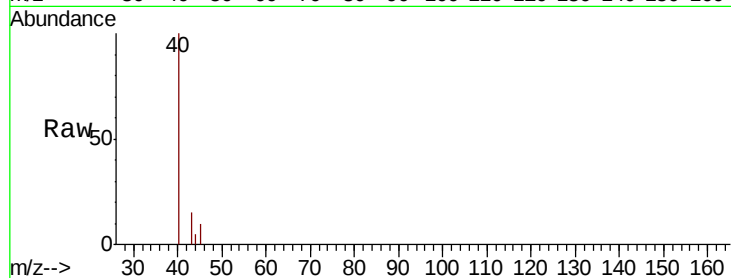




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.089 ng
 RT: 8.64 min Scan# 945
 Delta R.T. -0.04 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

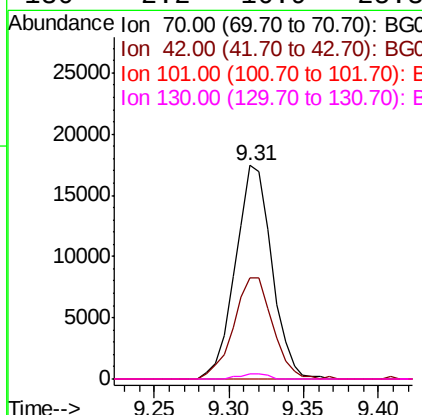
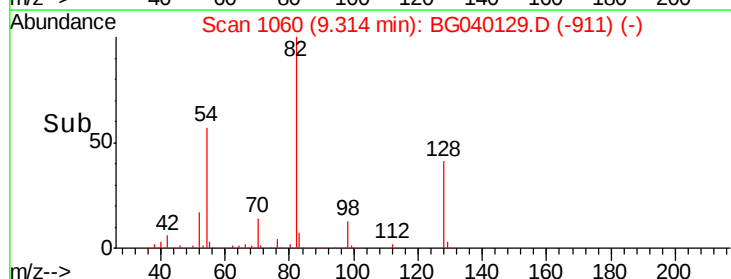
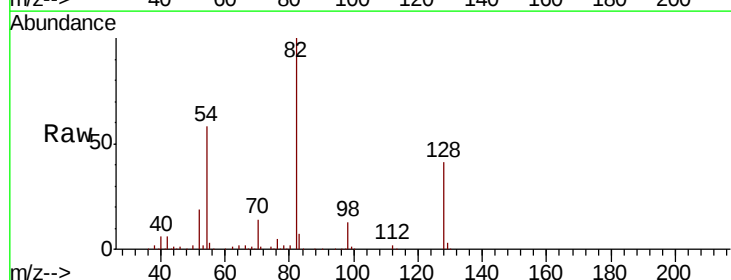
Instrument :
 BNA_G
 ClientSampleId :
 CS-5

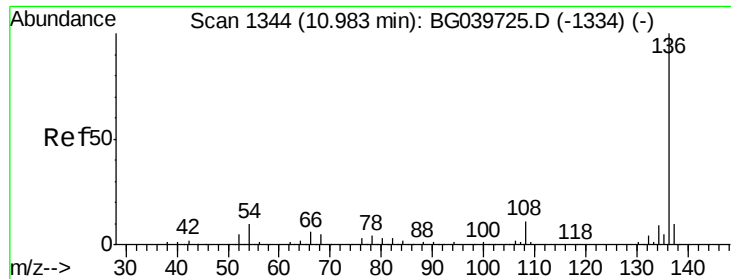
Tgt Ion: 45 Resp: 467
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.0
 79 0.0 0.0 27.5



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.251 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. 0.35 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Tgt Ion: 70 Resp: 29562
 Ion Ratio Lower Upper
 70 100
 42 47.4 60.4 90.6#
 101 0.0 7.5 11.3#
 130 2.2 16.9 25.3#

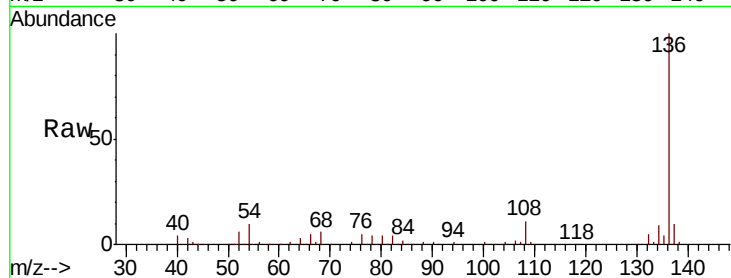




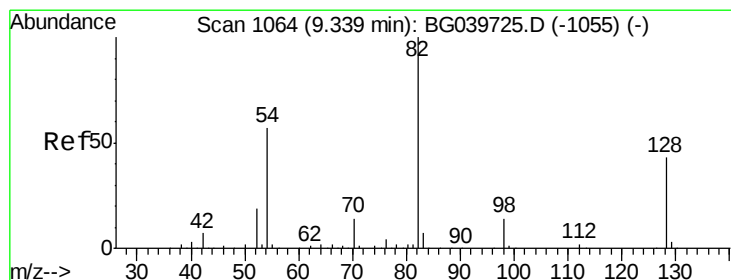
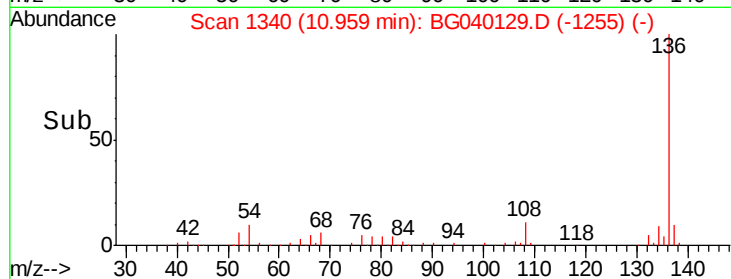
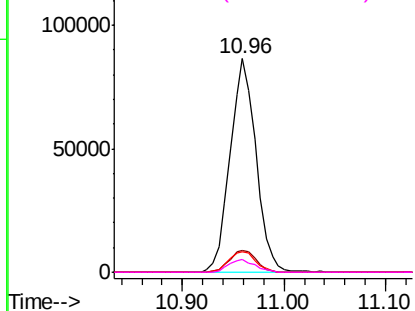
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

Instrument :
BNA_G
ClientSampleId :
CS-5

Tgt Ion:	136	Resp:	153320
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.1	13.7
54	9.8	9.4	14.2
68	5.9	4.2	6.4

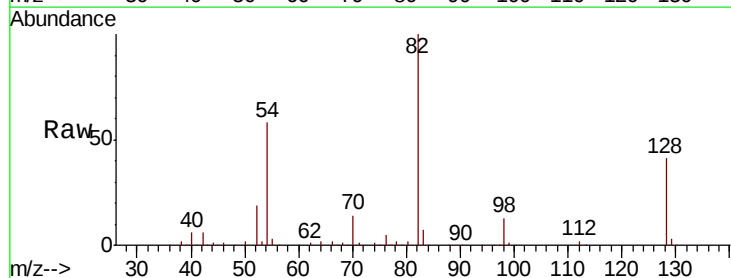


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

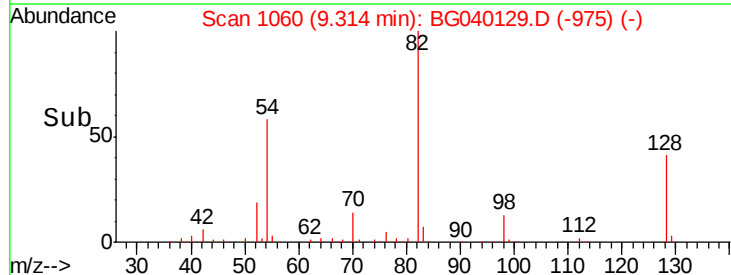
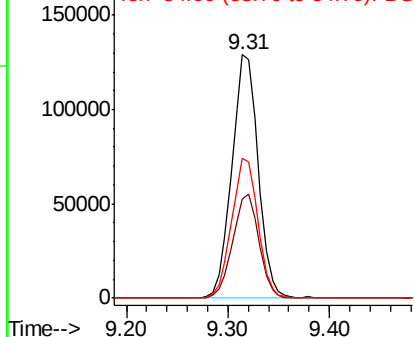


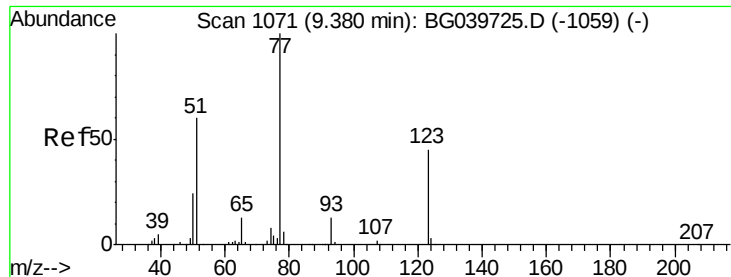
#23
Nitrobenzene-d5
Concen: 81.999 ng
RT: 9.31 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

Tgt Ion:	82	Resp:	232454
Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.3	46.9
54	57.6	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

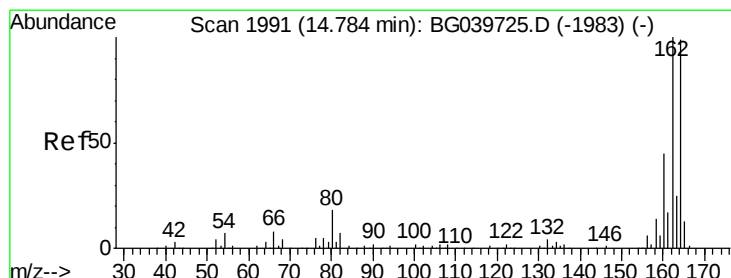
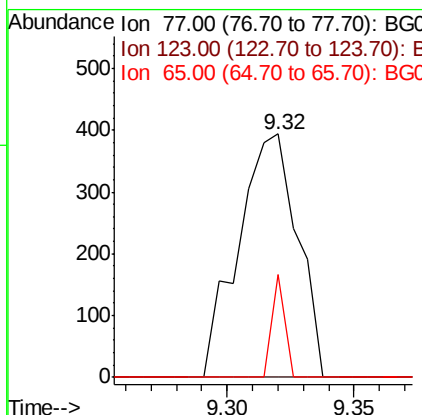
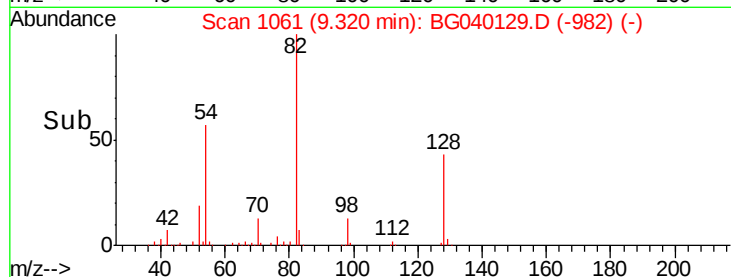
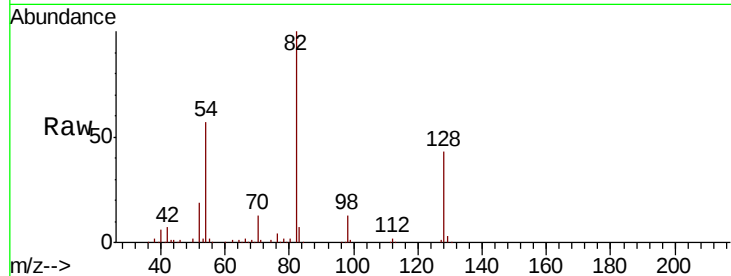




#24
Nitrobenzene
Concen: 0.216 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.07 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

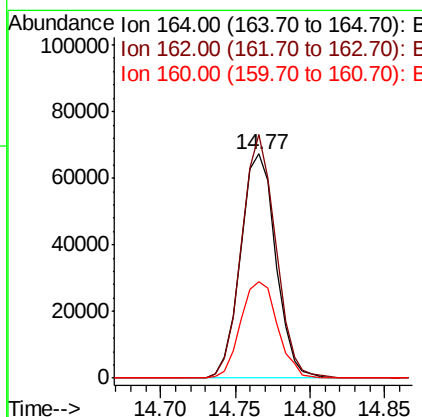
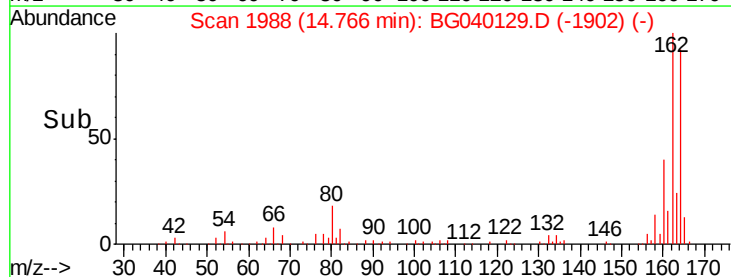
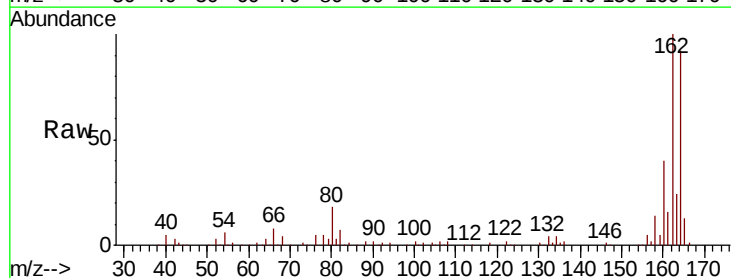
Instrument :
BNA_G
ClientSampled :
CS-5

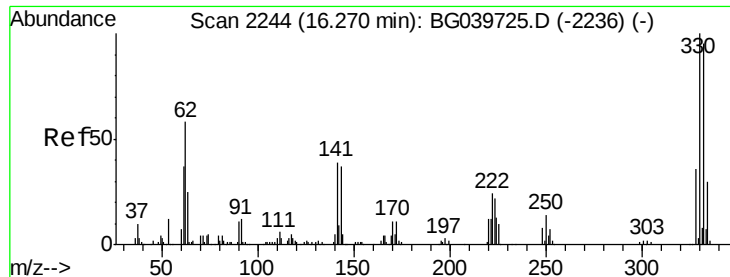
Tgt Ion: 77 Resp: 641
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 42.1 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

Tgt Ion: 164 Resp: 109859
Ion Ratio Lower Upper
164 100
162 108.7 81.6 122.4
160 43.2 34.2 51.2

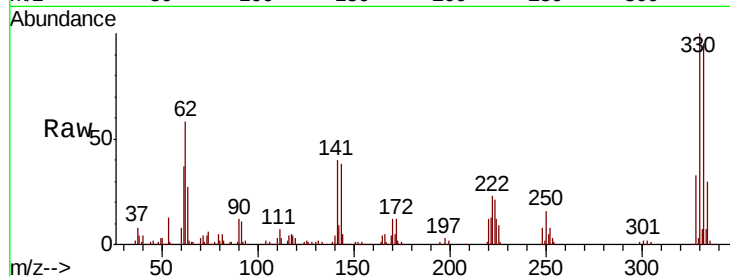




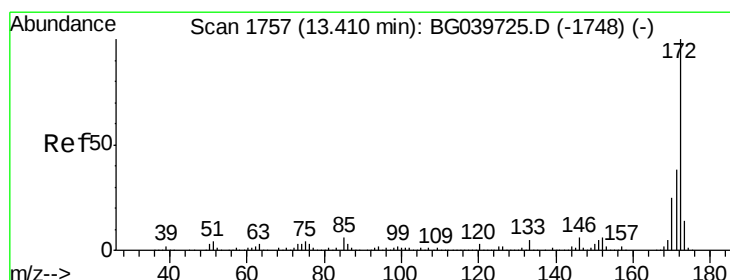
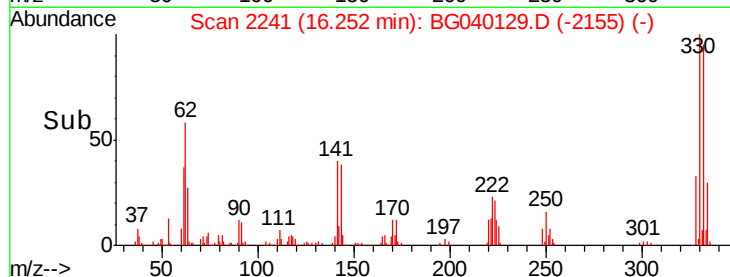
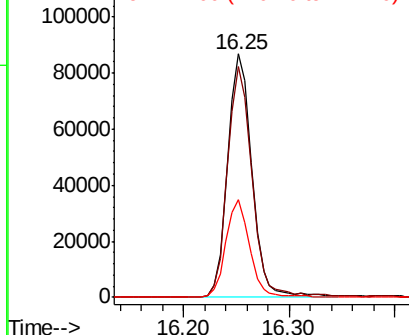
#42
 2,4,6-Tribromophenol
 Concen: 107.823 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Instrument :
 BNA_G
 ClientSampleId :
 CS-5

Tgt Ion:330 Resp: 138066
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 39.8 35.6 53.4

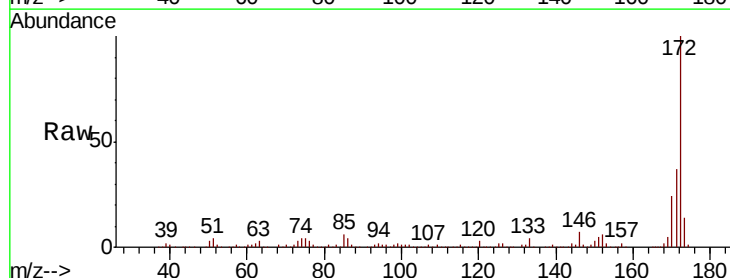


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

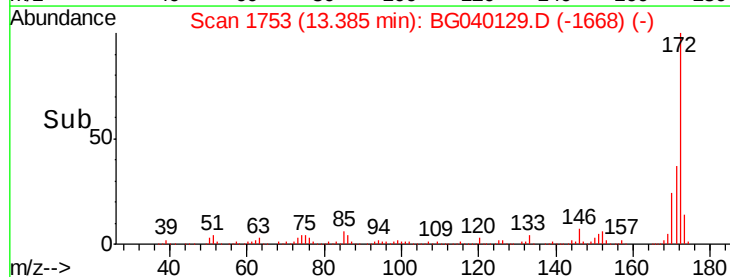
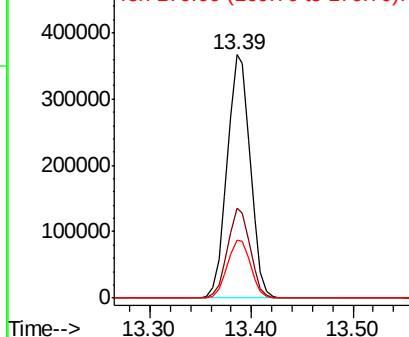


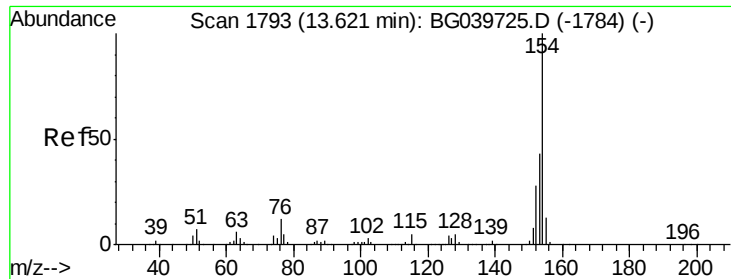
#45
 2-Fluorobiphenyl
 Concen: 74.990 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Tgt Ion:172 Resp: 578604
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 24.1 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

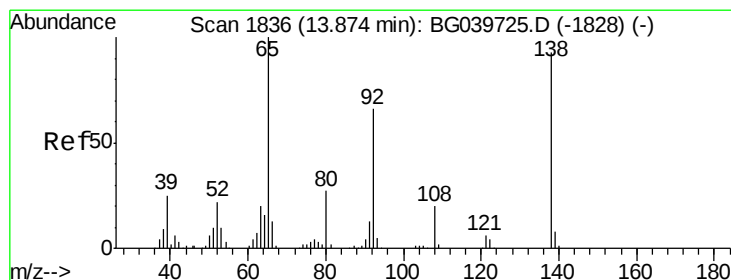
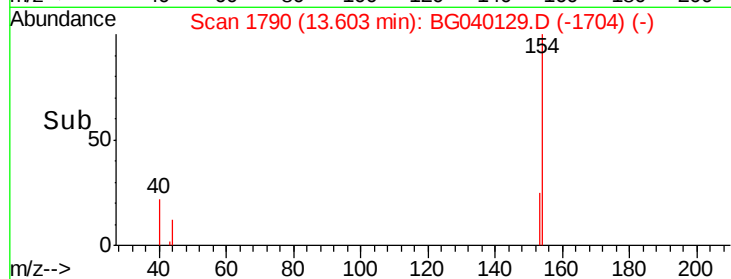
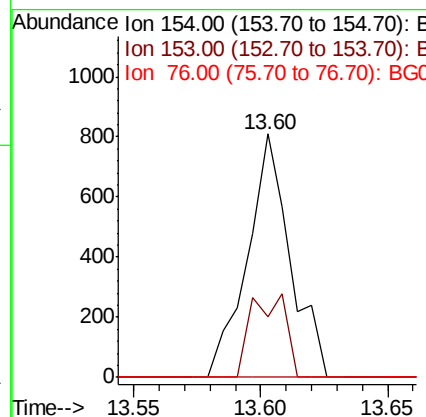
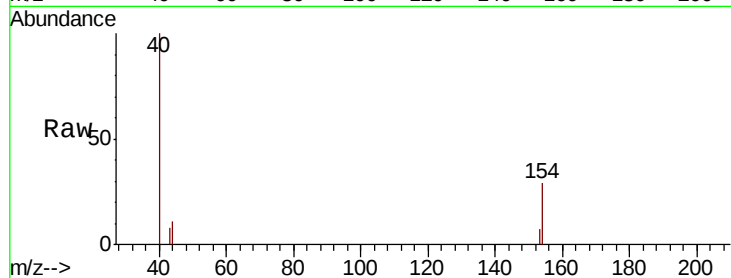




#46
1,1'-Biphenyl
Concen: 0.105 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

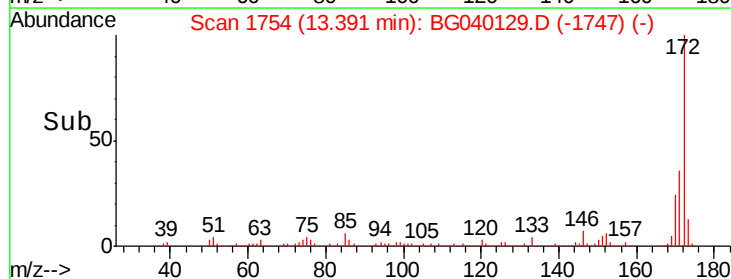
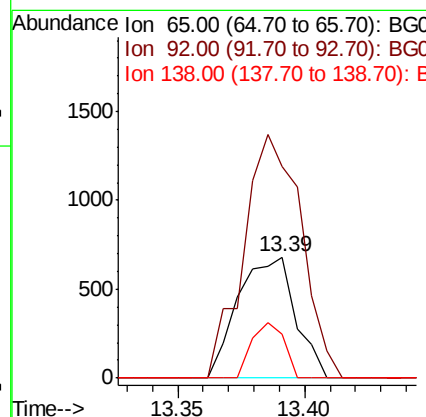
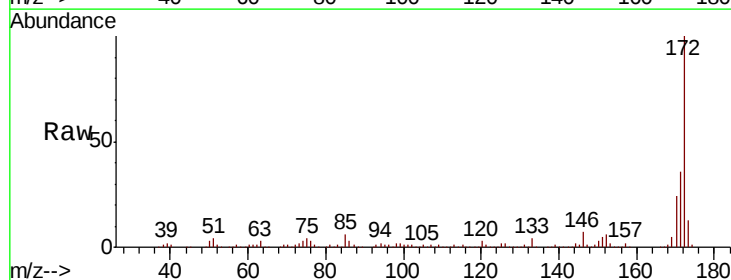
Instrument :
BNA_G
ClientSampled :
CS-5

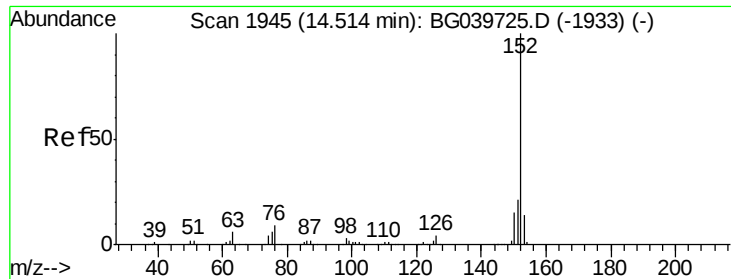
Tgt Ion	Ratio	Lower	Upper
154	100		
153	25.1	22.1	62.1
76	0.0	0.0	32.4



#48
2-Nitroaniline
Concen: 0.492 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.49 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	175.1	51.4	77.2#
138	36.5	71.4	107.2#





#49

Acenaphthylene

Concen: 0.029 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.30 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampleId :

CS-5

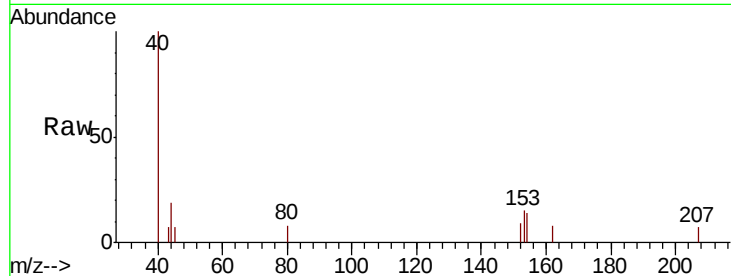
Tgt Ion:152 Resp: 319

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

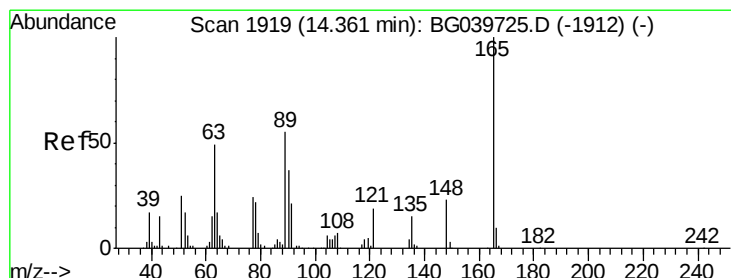
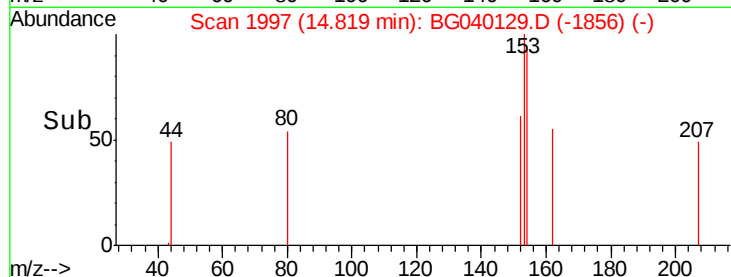
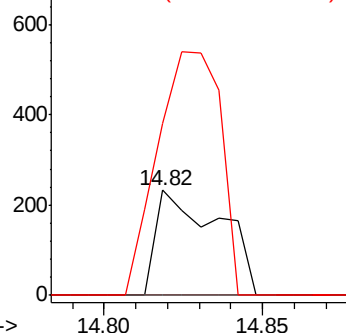
153 163.5 11.7 17.5#



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: 7.492 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

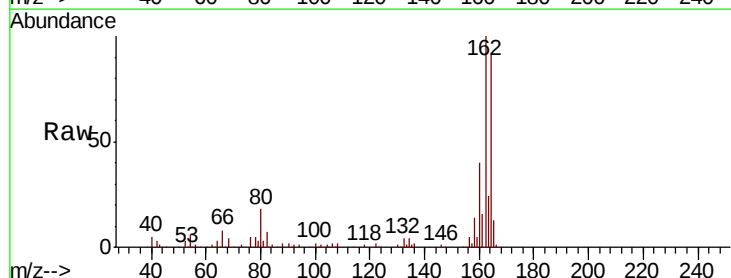
Tgt Ion:165 Resp: 14591

Ion Ratio Lower Upper

165 100

63 1.9 47.0 70.6#

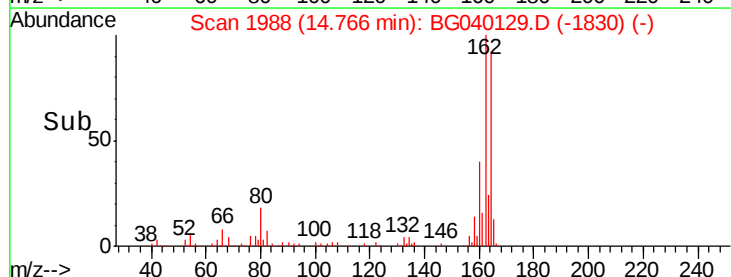
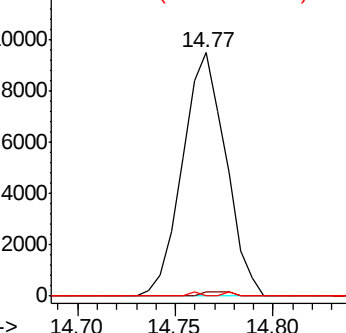
89 0.0 45.8 68.8#

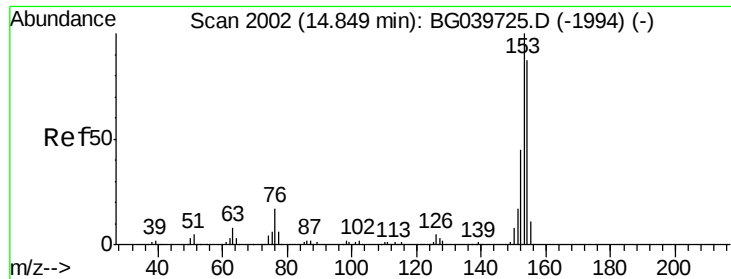


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.092 ng

RT: 14.83 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampleId :

CS-5

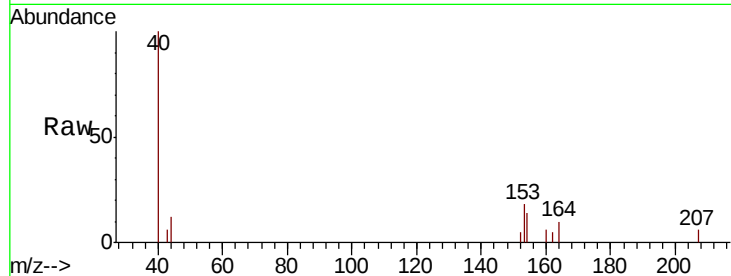
Tgt Ion:154 Resp: 620

Ion Ratio Lower Upper

154 100

153 125.2 90.1 135.1

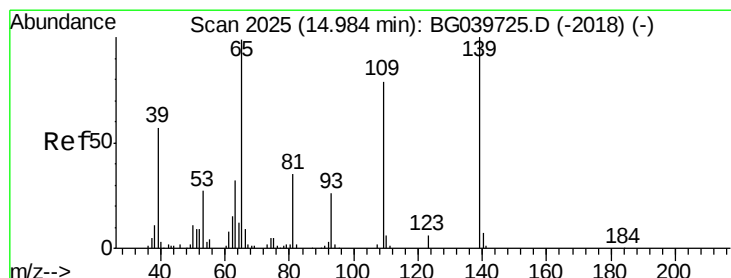
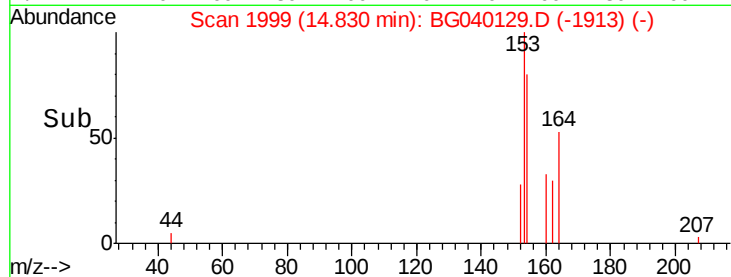
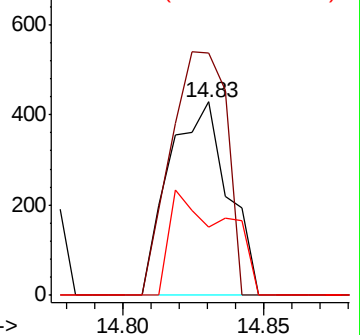
152 35.0 40.9 61.3#



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



#56

4-Nitrophenol

Concen: 0.049 ng

RT: 15.18 min Scan# 2058

Delta R.T. 0.19 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

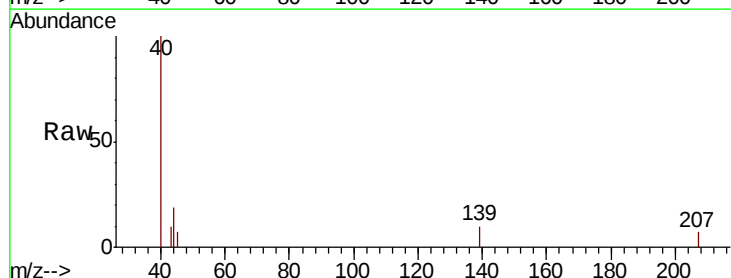
Tgt Ion:139 Resp: 85

Ion Ratio Lower Upper

139 100

109 0.0 61.9 101.9#

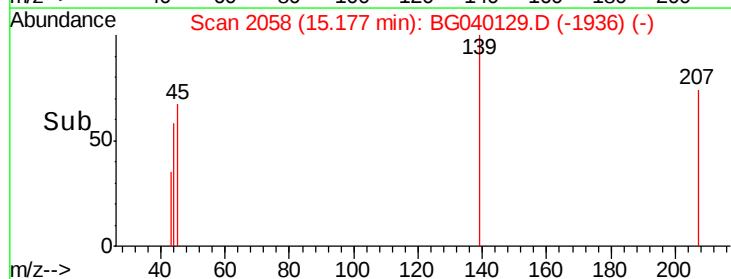
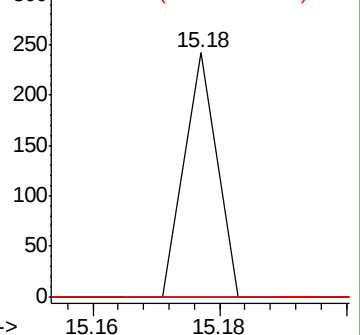
65 0.0 99.1 139.1#

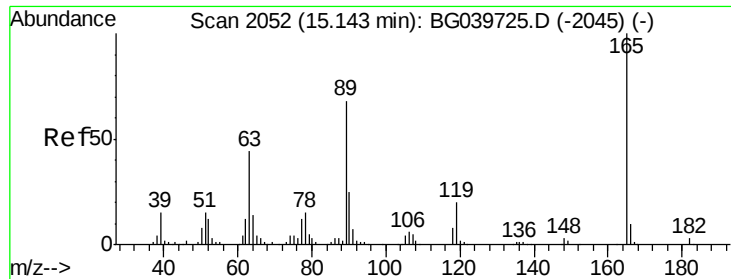


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

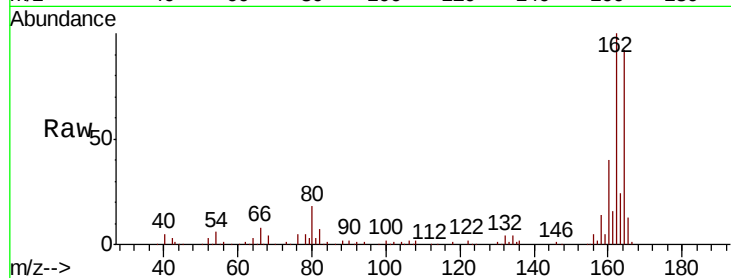




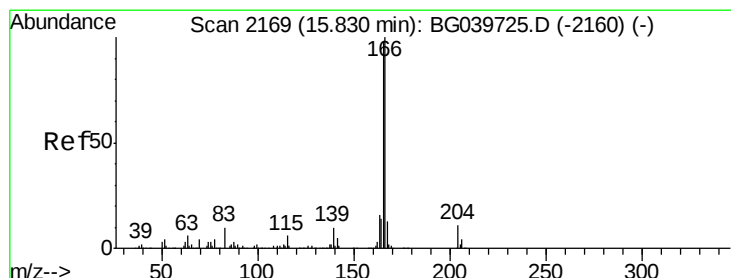
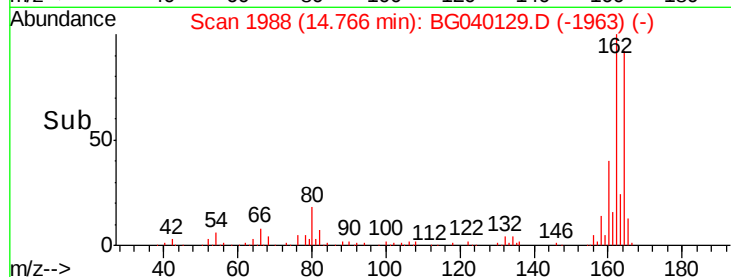
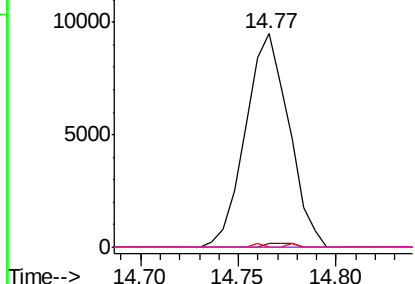
#57
 2,4-Dinitrotoluene
 Concen: 5.332 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Instrument :
 BNA_G
 ClientSampleId :
 CS-5

Tgt Ion:	165	Resp:	14591
Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

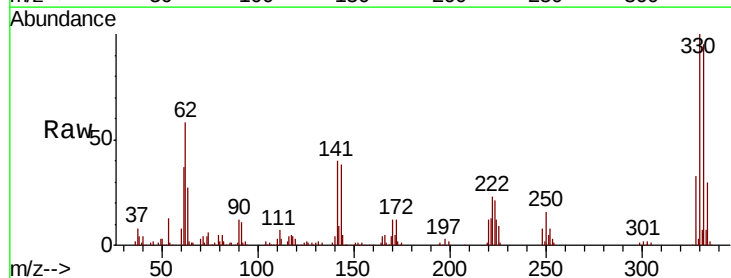


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

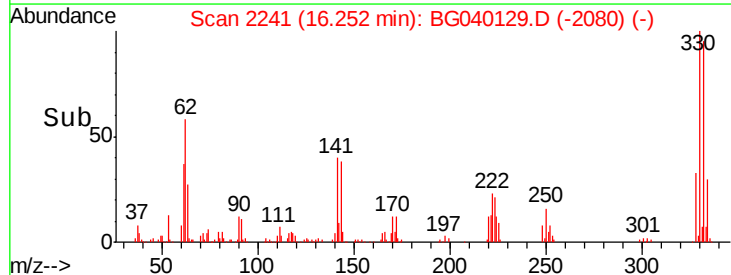
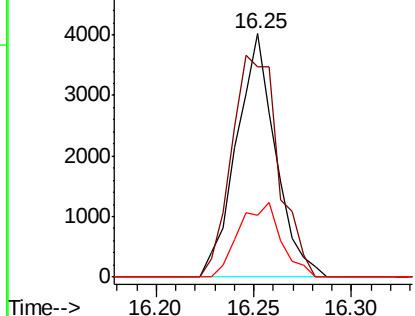


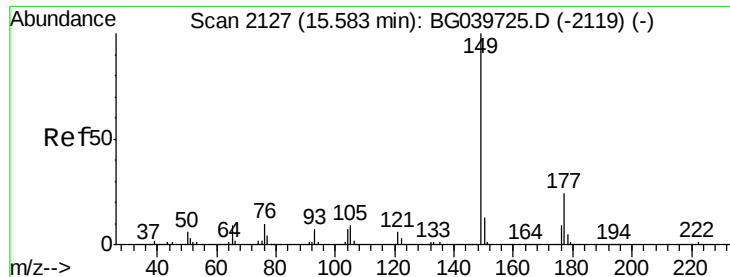
#58
 Fluorene
 Concen: 0.644 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.42 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Tgt Ion:	166	Resp:	5579
Ion	Ratio	Lower	Upper
166	100		
165	86.5	77.9	116.9
167	25.5	10.8	16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

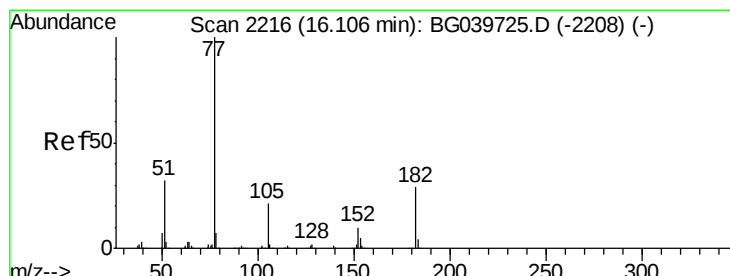
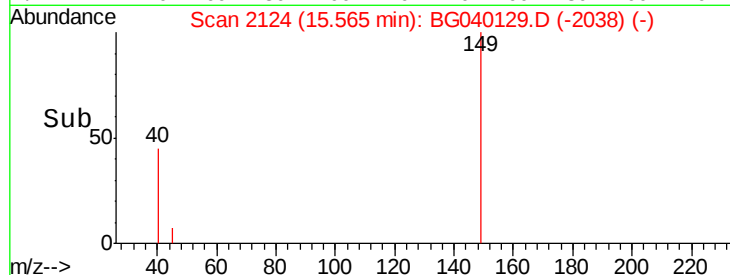
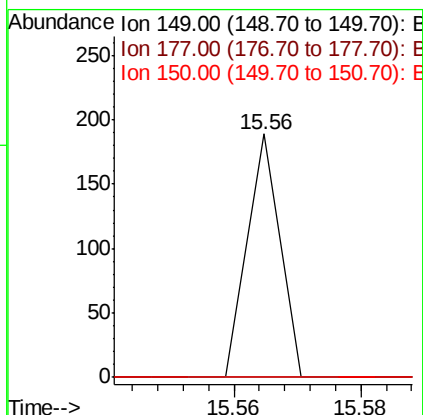
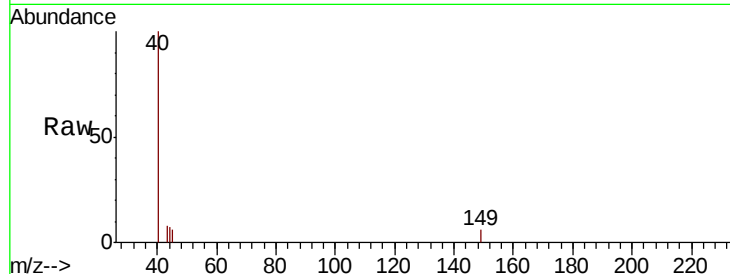




#60
Diethylphthalate
Concen: 0.007 ng
RT: 15.56 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

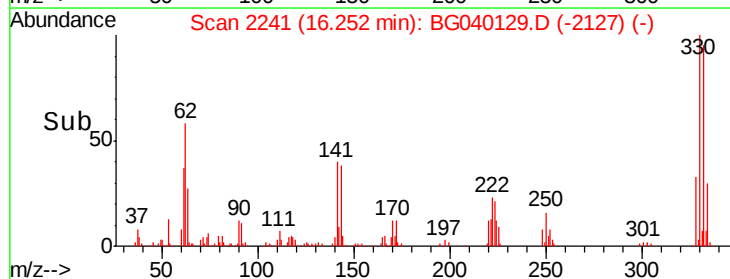
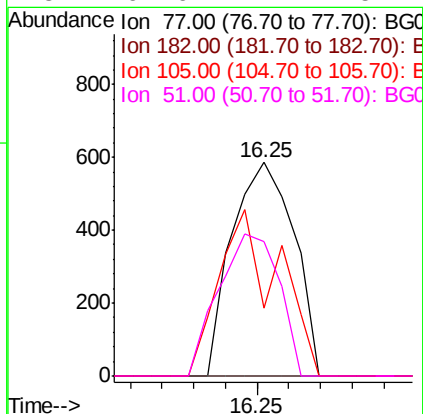
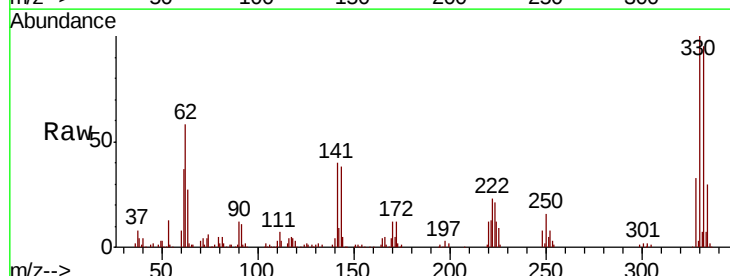
Instrument :
BNA_G
ClientSampleId :
CS-5

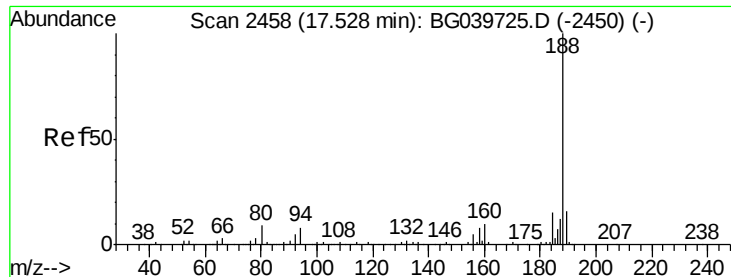
Tgt Ion: 149 Resp: 67
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.096 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.14 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

Tgt Ion: 77 Resp: 794
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 31.6 0.0 39.8
51 62.6 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: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampled :

CS-5

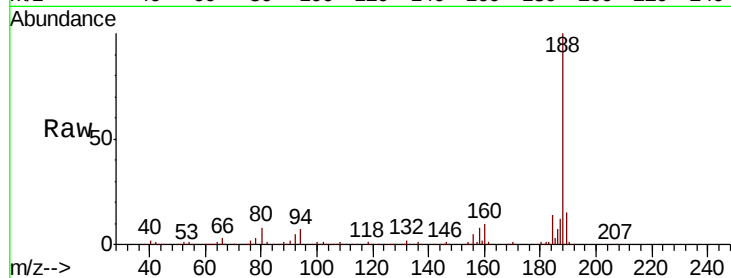
Tgt Ion:188 Resp: 288004

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

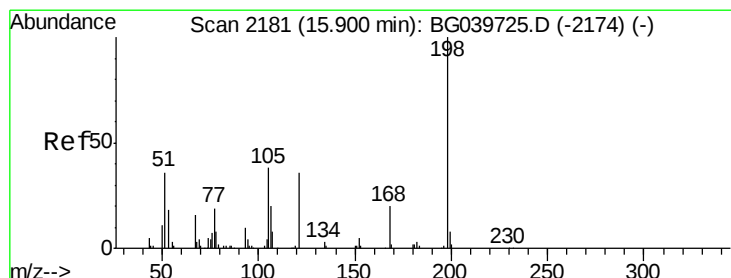
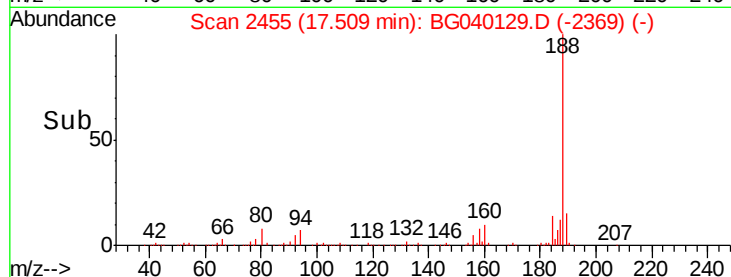
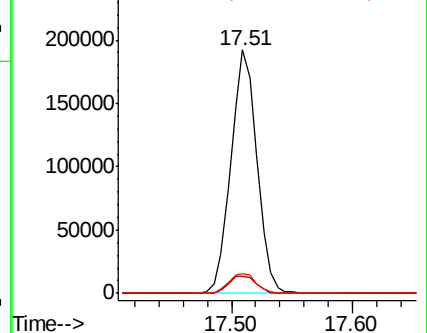
80 8.1 8.1 12.1



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: 0.155 ng

RT: 16.24 min Scan# 2239

Delta R.T. 0.33 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

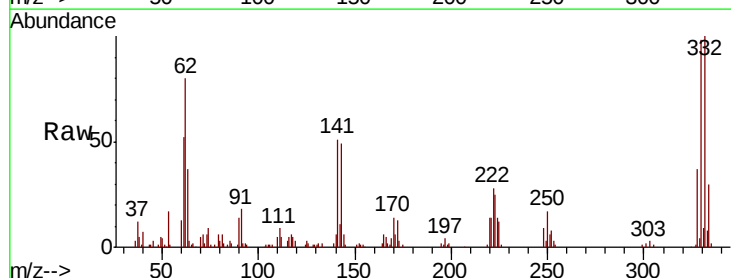
Tgt Ion:198 Resp: 264

Ion Ratio Lower Upper

198 100

51 64.8 27.4 67.4

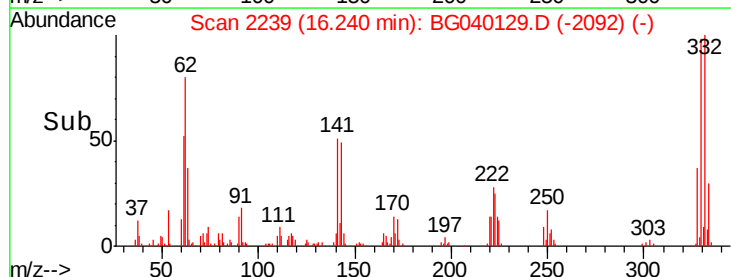
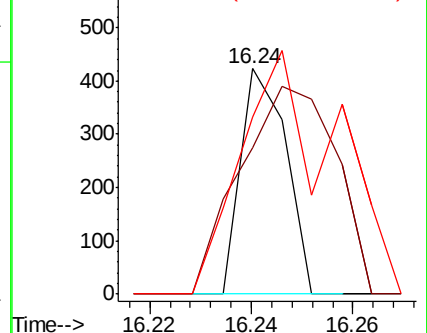
105 78.5 19.7 59.7#

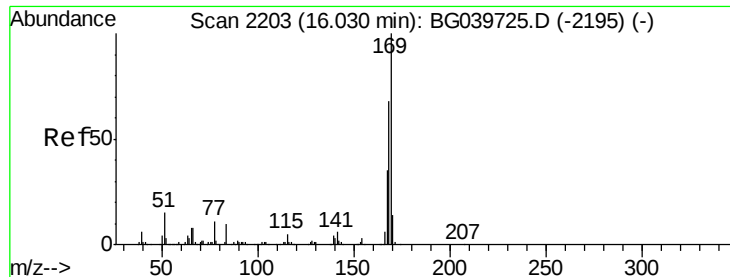


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

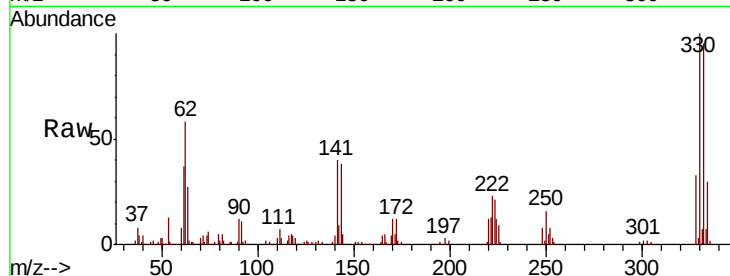




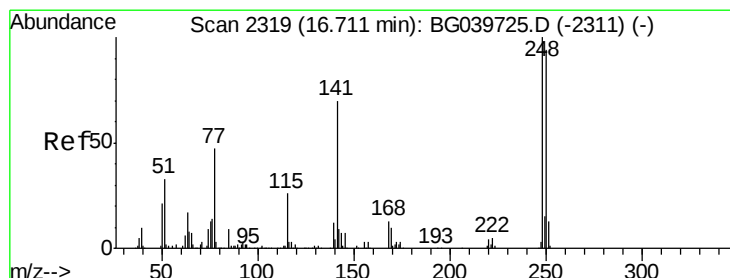
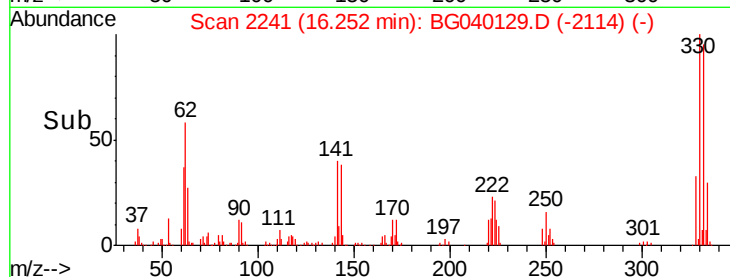
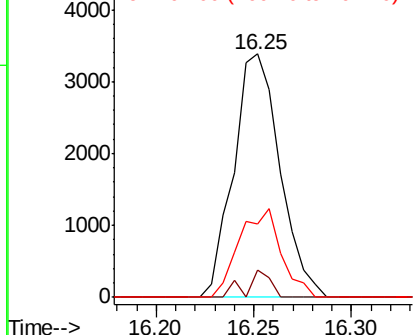
#66
 n-Nitrosodiphenylamine
 Concen: 0.668 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Instrument :
 BNA_G
 ClientSampleId :
 CS-5

Tgt Ion:169 Resp: 5570
 Ion Ratio Lower Upper
 169 100
 168 11.1 56.6 85.0#
 167 30.3 28.8 43.2

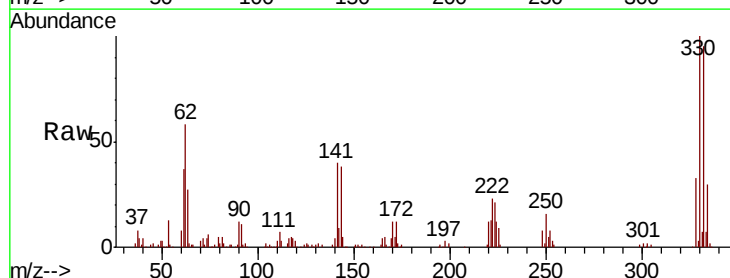


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

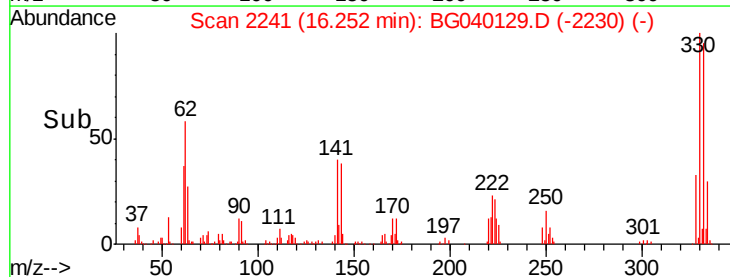
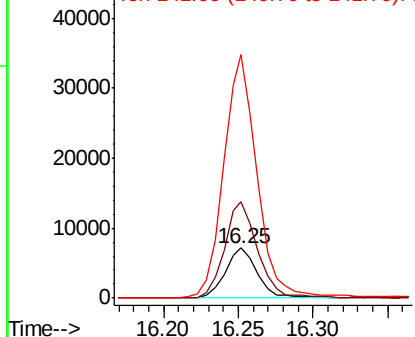


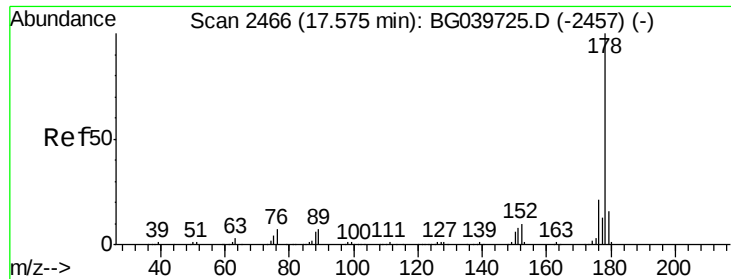
#67
 4-Bromophenyl-phenylether
 Concen: 3.360 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.47 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Tgt Ion:248 Resp: 10831
 Ion Ratio Lower Upper
 248 100
 250 191.6 77.6 116.4#
 141 486.5 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: 0.077 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampleId :

CS-5

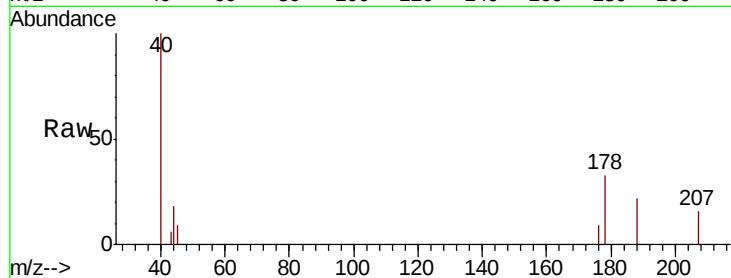
Tgt Ion:178 Resp: 1220

Ion Ratio Lower Upper

178 100

176 25.8 16.2 24.4#

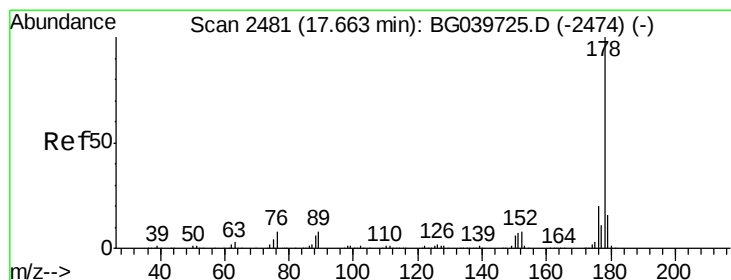
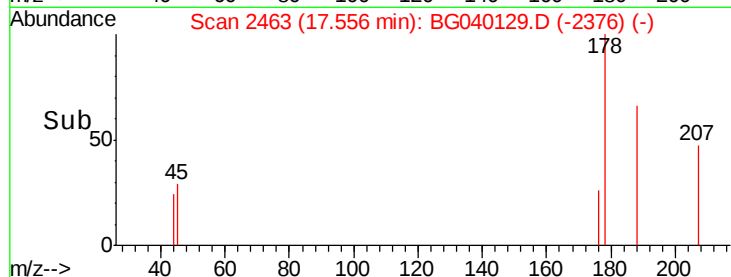
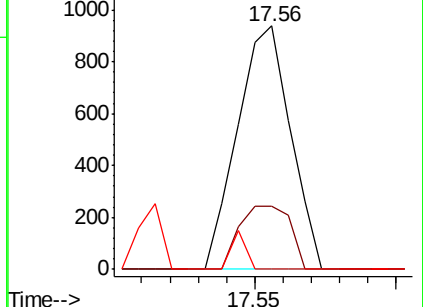
179 0.0 12.6 19.0#



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: 0.079 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.11 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

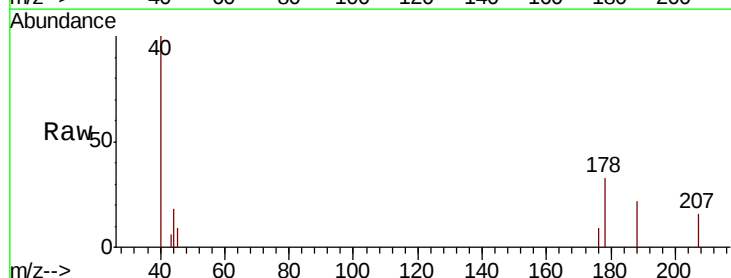
Tgt Ion:178 Resp: 1220

Ion Ratio Lower Upper

178 100

176 25.8 15.8 23.6#

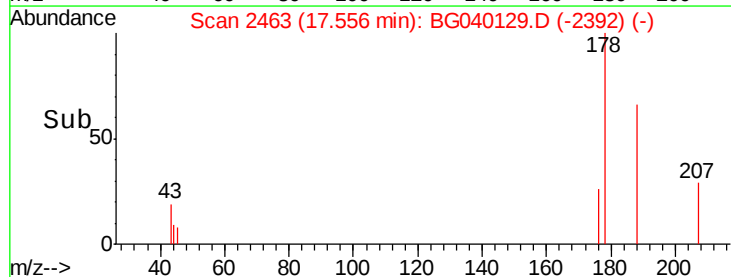
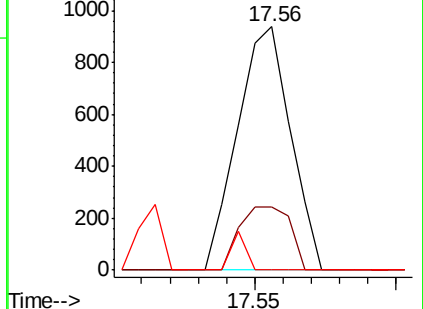
179 0.0 12.5 18.7#

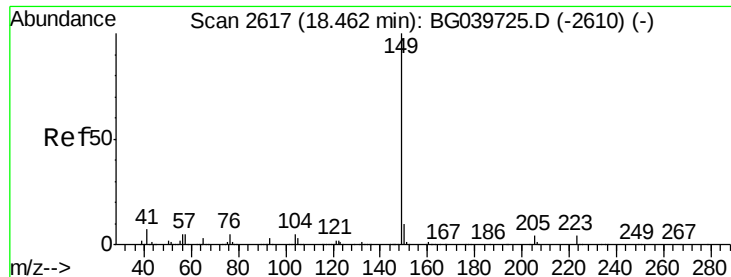


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.009 ng

RT: 18.44 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

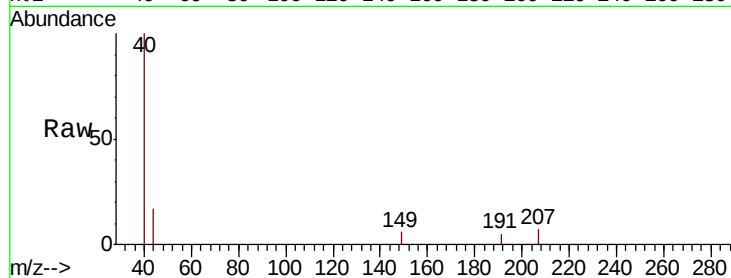
Instrument :

BNA_G

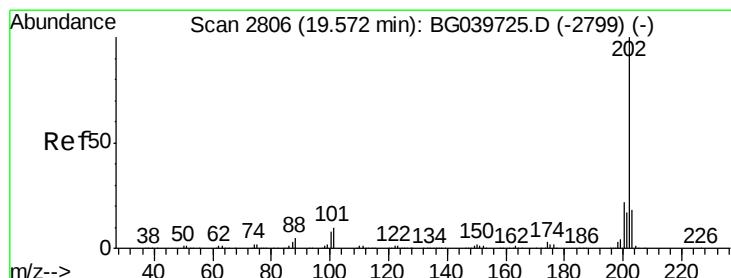
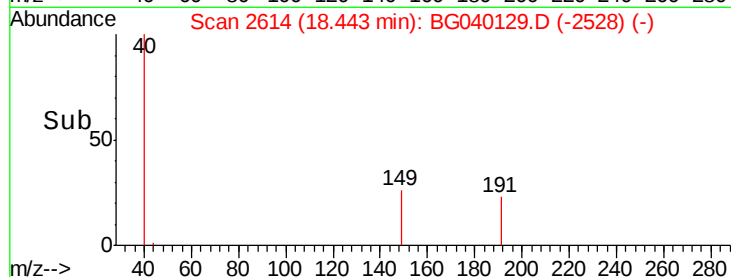
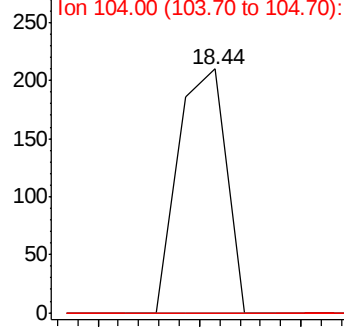
ClientSampled :

CS-5

Tgt Ion:	149	Resp:	140
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: 0.057 ng

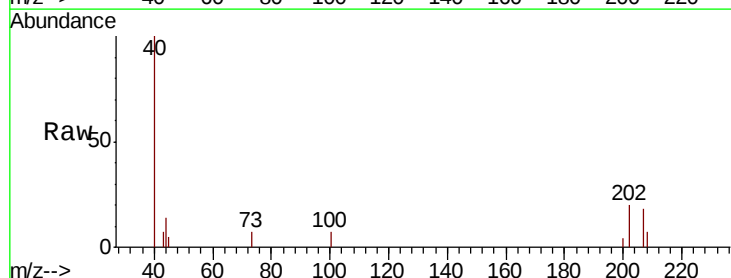
RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

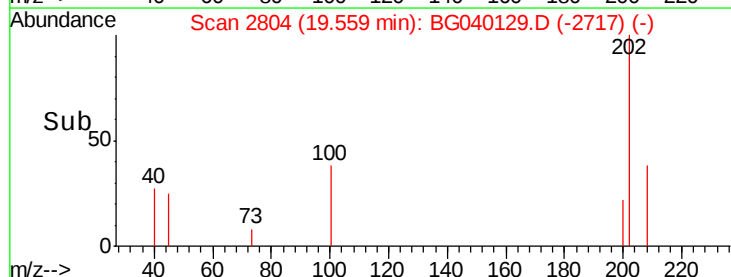
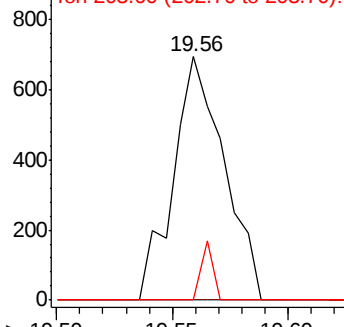
Lab File: BG040129.D

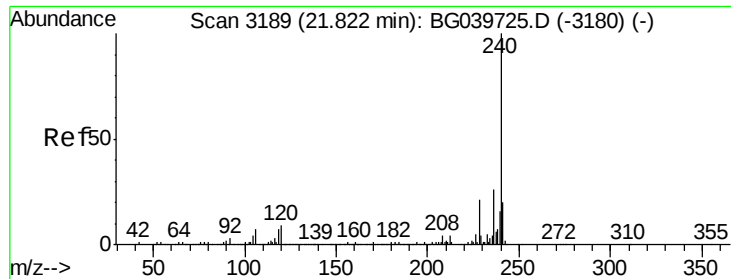
Acq: 25 Mar 2019 22:53

Tgt Ion:	202	Resp:	1069
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

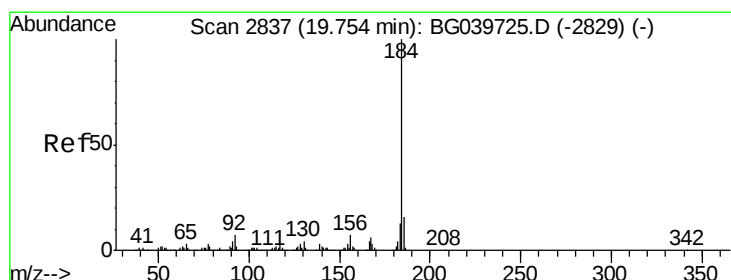
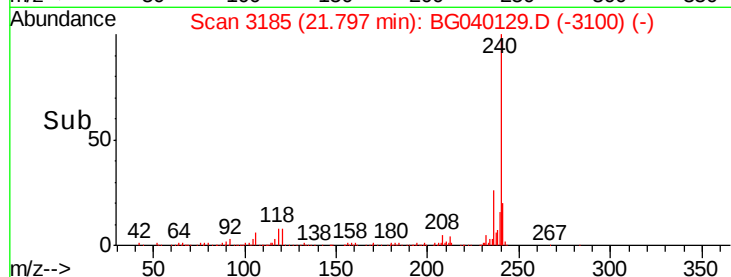
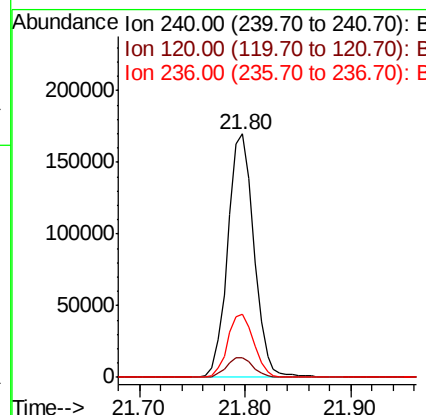
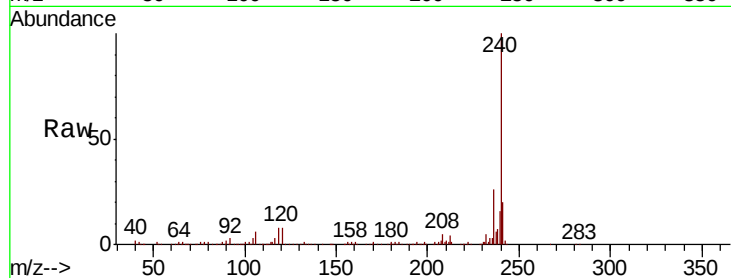




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

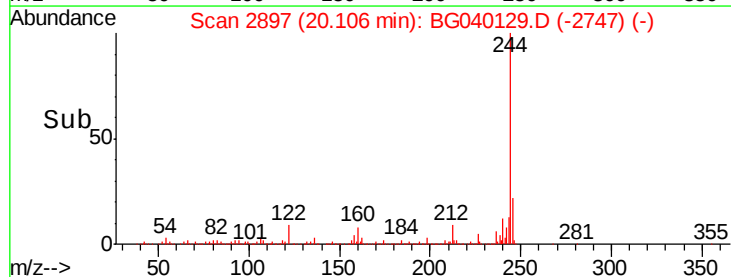
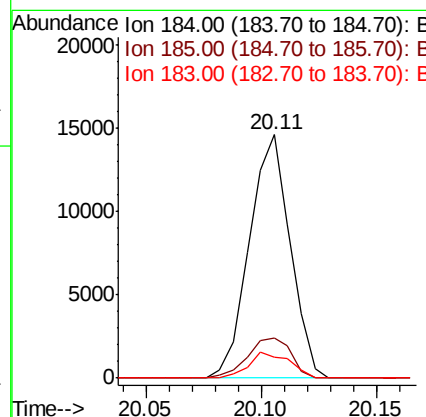
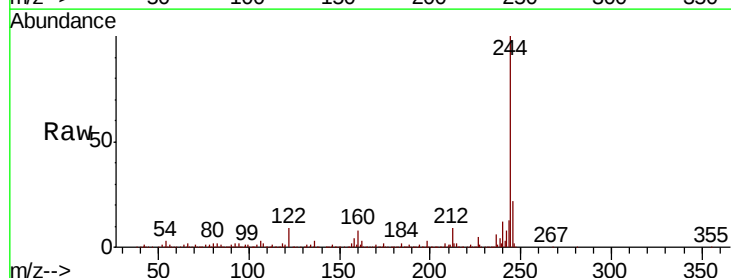
Instrument :
BNA_G
ClientSampleId :
CS-5

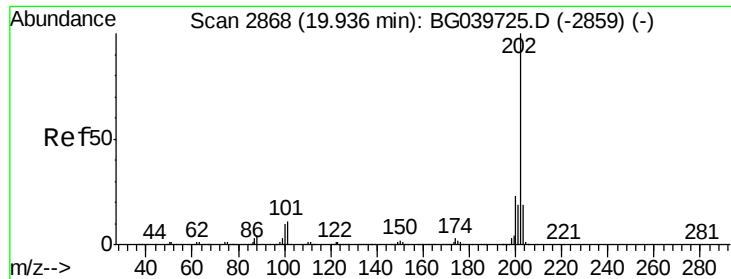
Tgt Ion:240 Resp: 291842
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 26.1 21.0 31.4



#77
Benzidine
Concen: 1.937 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

Tgt Ion:184 Resp: 17936
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.2
183 8.5 10.6 15.8#

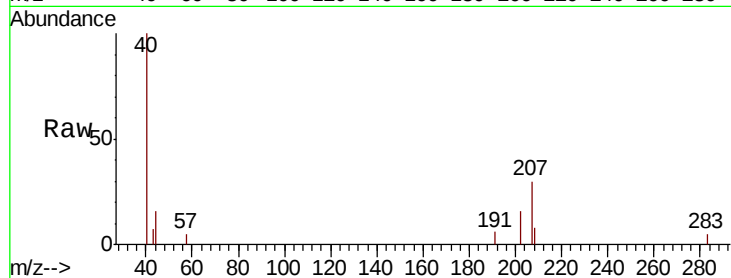




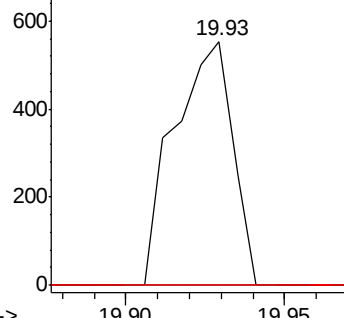
#78
 Pyrene
 Concen: 0.037 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Instrument :
 BNA_G
 ClientSampleId :
 CS-5

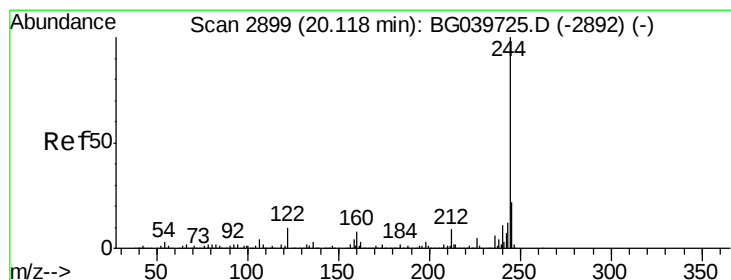
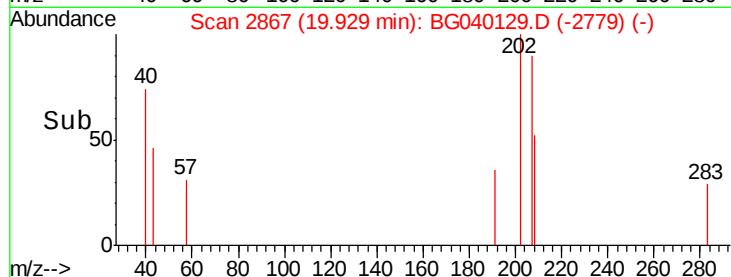
Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.8	26.8#
203	0.0	15.3	22.9#



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

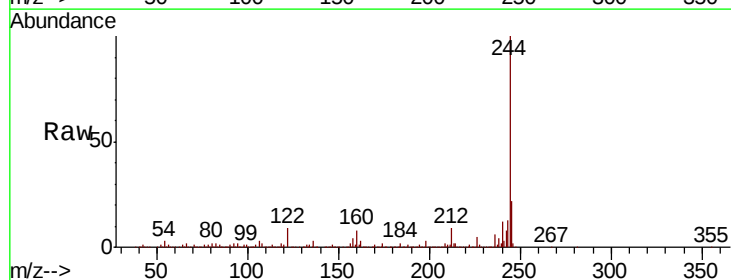


Time-->

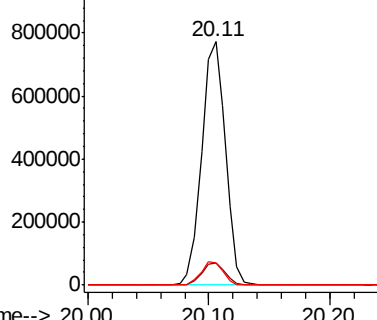


#79
 Terphenyl-d14
 Concen: 79.938 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

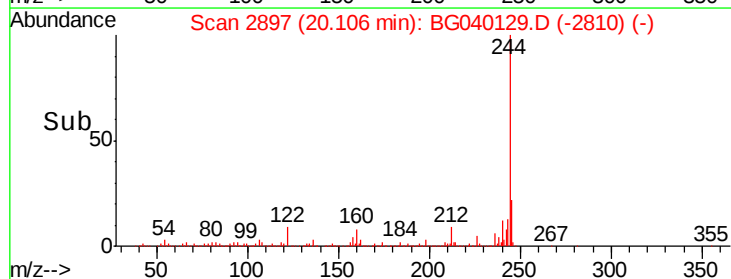
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	8.9	8.4	12.6

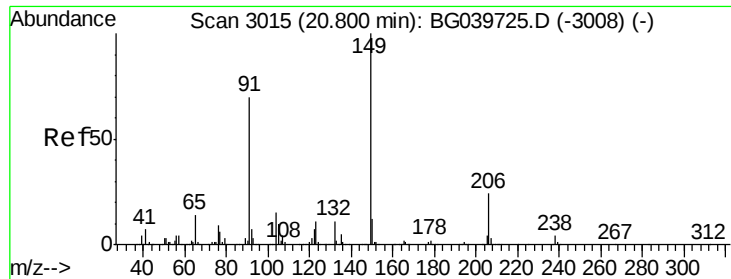


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time-->

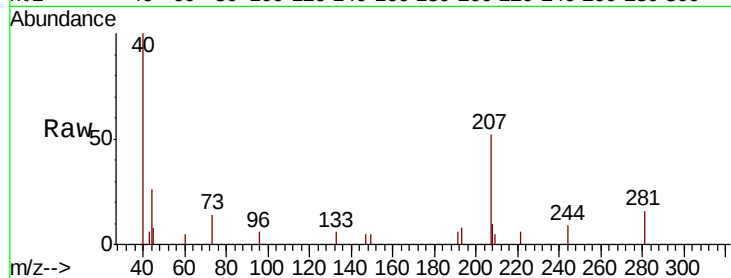




#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.78 min Scan# 3011
Delta R.T. -0.03 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

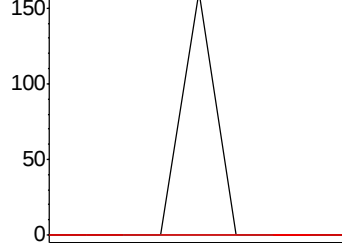
Instrument :
BNA_G
ClientSampleId :
CS-5

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

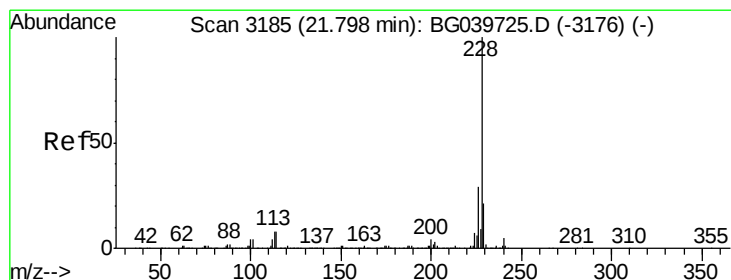
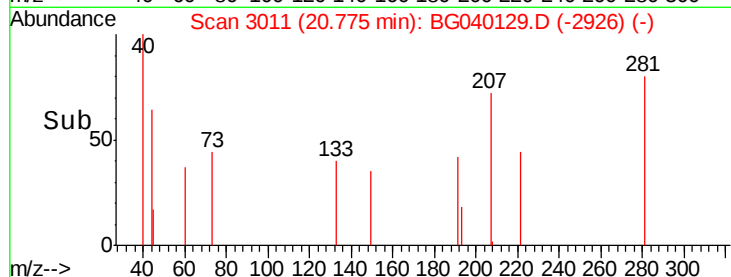


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

20.78

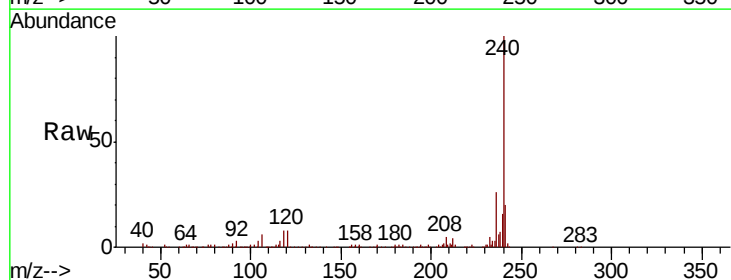


Time-->



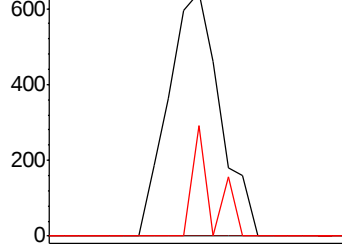
#81
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	45.3	16.9	25.3#

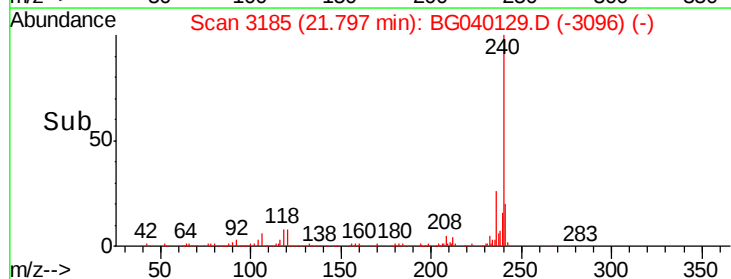


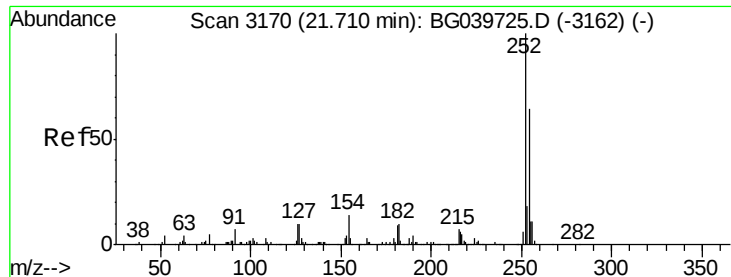
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

21.80



Time-->





#82

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.11 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampleId :

CS-5

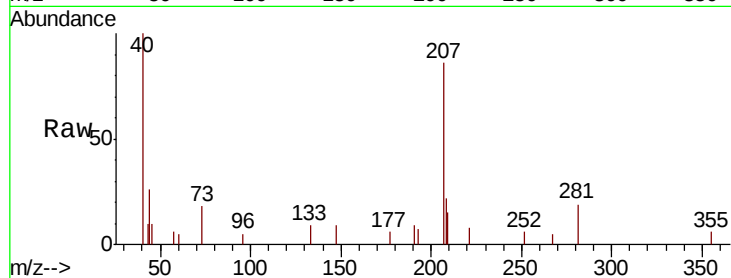
Tgt Ion:252 Resp: 67

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

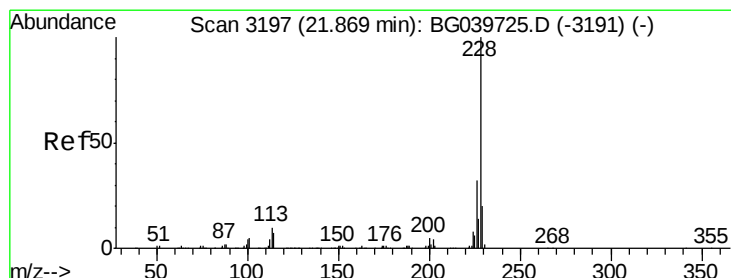
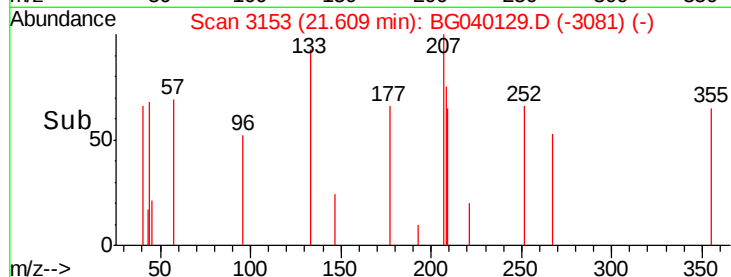
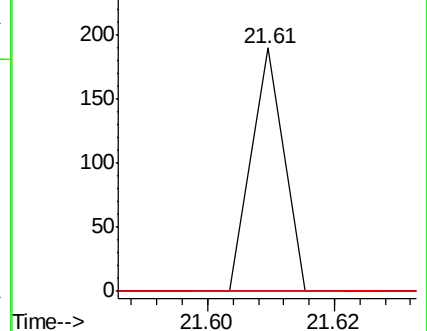
126 0.0 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.052 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.08 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

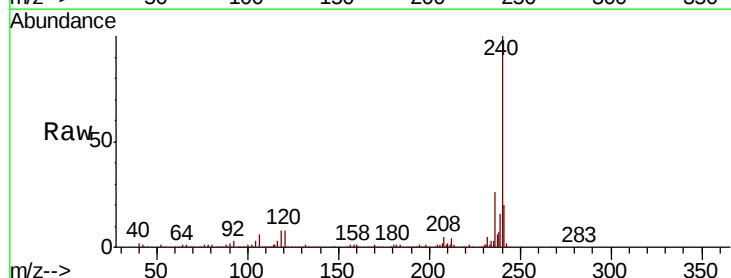
Tgt Ion:228 Resp: 914

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

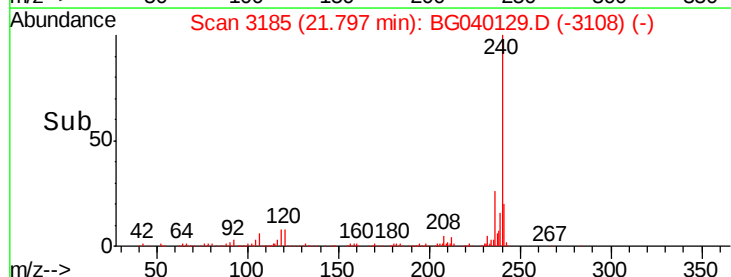
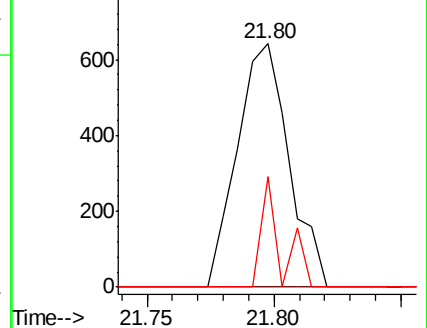
229 45.3 16.6 25.0#

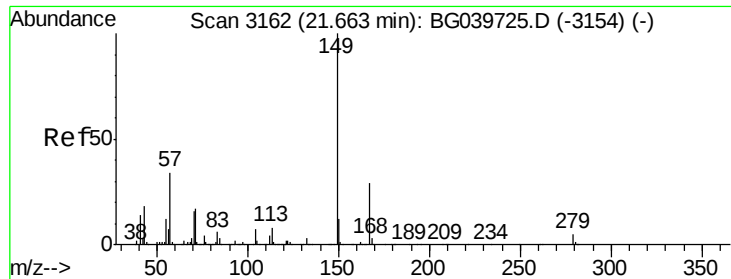


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.016 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampleId :

CS-5

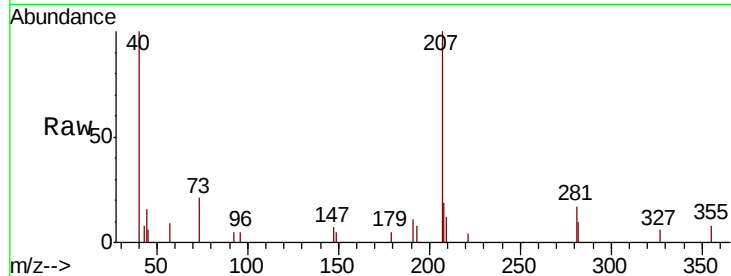
Tgt Ion:149 Resp: 165

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

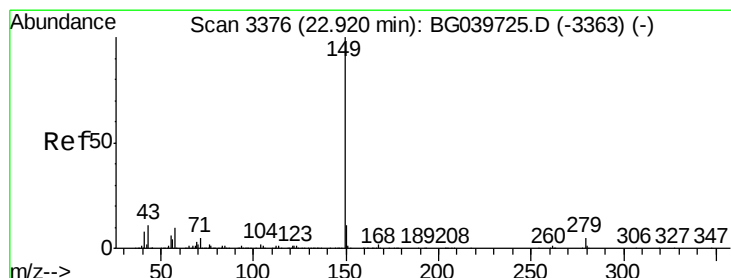
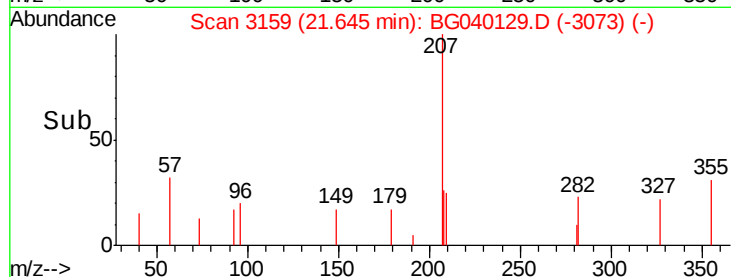
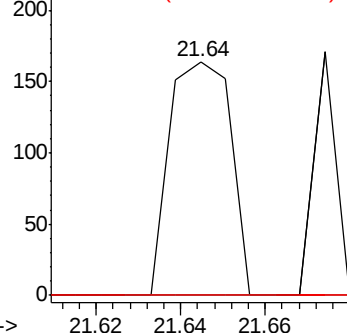
279 0.0 3.5 5.3#



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



#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.94 min Scan# 3380

Delta R.T. 0.02 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

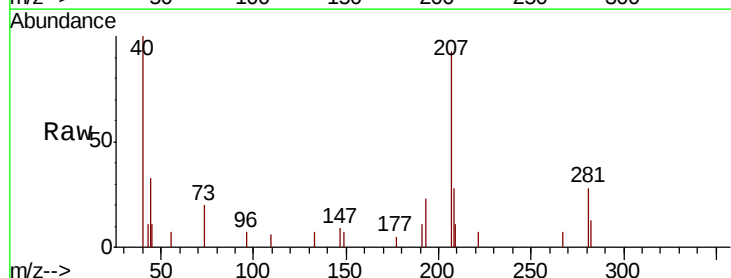
Tgt Ion:149 Resp: 73

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

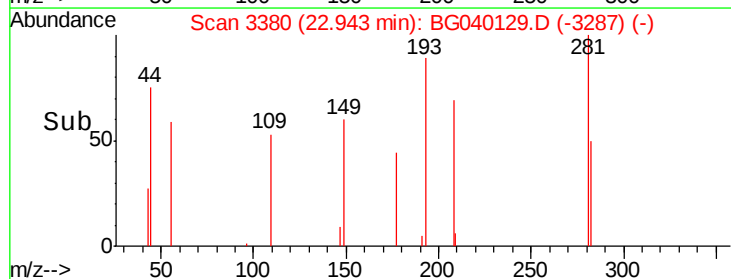
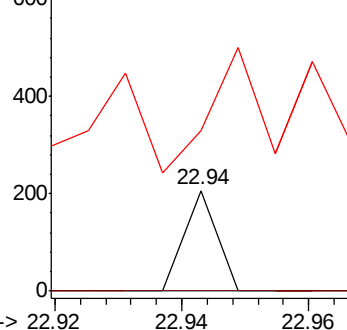
43 186.3 10.2 15.4#

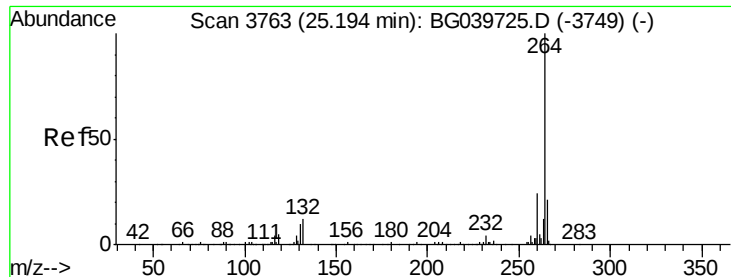


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampleId :

CS-5

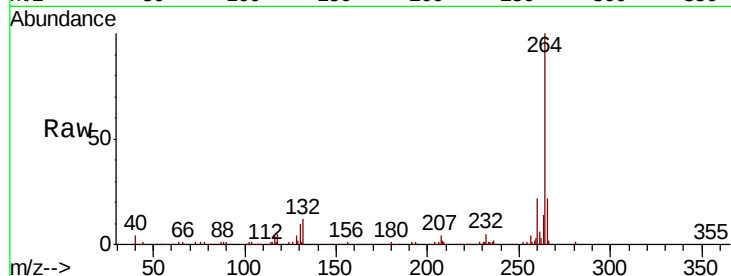
Tgt Ion:264 Resp: 280946

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

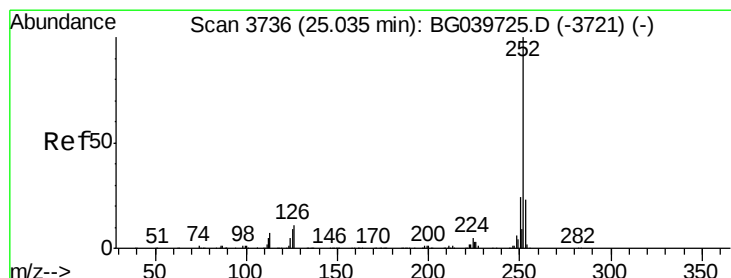
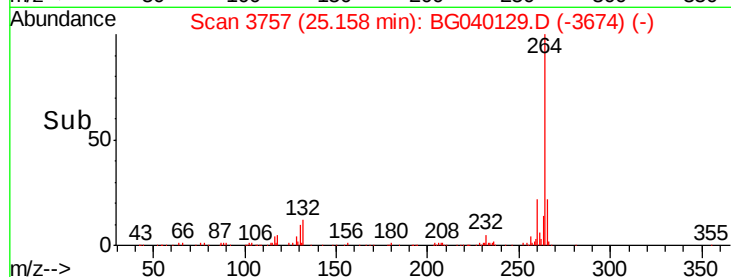
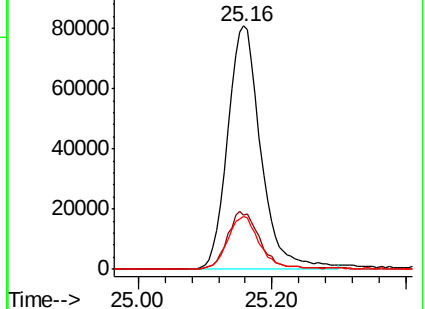
265 22.0 18.5 27.7



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: 0.059 ng

RT: 25.16 min Scan# 3757

Delta R.T. 0.12 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

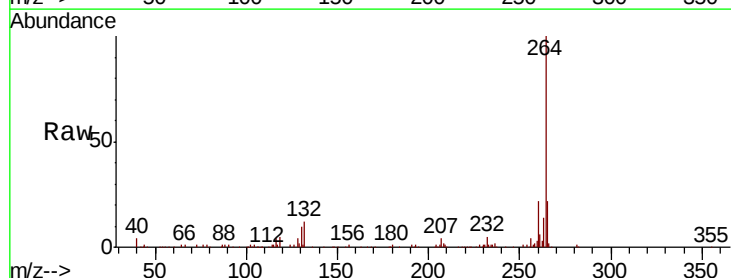
Tgt Ion:252 Resp: 908

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

