

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040008.D
 Acq On : 19 Mar 2019 18:39
 Operator : JU/SJ
 Sample : K1958-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 TP-2

Quant Time: Mar 20 04:10:40 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	42566	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	174557	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	111832	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	272157	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	295472	20.00	ng	-0.03
87) Perylene-d12	25.16	264	299240	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	292890	117.39	ng	-0.02
7) Phenol-d6	7.29	99	425274	114.31	ng	-0.02
23) Nitrobenzene-d5	9.32	82	261573	81.04	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	154303	118.38	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	593049	75.51	ng	-0.02
79) Terphenyl-d14	20.11	244	952882	71.01	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	59	0.051	ng	# 1
3) Pyridine	3.49	79	55	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.92	42	145	0.099	ng	# 1
6) Aniline	7.67	93	308	0.063	ng	# 1
8) 2-Chlorophenol	7.67	128	86	0.028	ng	# 1
9) Benzaldehyde	7.29	77	821	0.342	ng	# 4
10) Phenol	7.32	94	6727	1.669	ng	# 88
11) bis(2-Chloroethyl)ether	7.67	93	308	0.098	ng	# 1
13) 1,4-Dichlorobenzene	8.59	146	55	0.016	ng	# 25
14) 1,2-Dichlorobenzene	8.59	146	55	0.016	ng	# 24
15) Benzyl Alcohol	8.47	79	4124	1.397	ng	# 32
16) 2,2'-oxybis(1-Chloropropan	8.31	45	56	0.009	ng	# 75
19) n-Nitroso-di-n-propylamine	9.32	70	34034	12.710	ng	# 72
24) Nitrobenzene	9.32	77	813	0.240	ng	# 26
29) 2,4-Dichlorophenol	10.17	162	54	0.019	ng	# 23
33) 4-Chloroaniline	10.81	127	71	0.018	ng	# 43
46) 1,1'-Biphenyl	13.61	154	905	0.098	ng	# 41
48) 2-Nitroaniline	14.21	65	416	0.187	ng	# 1
50) Dimethylphthalate	14.21	163	54955	5.877	ng	# 97
51) 2,6-Dinitrotoluene	14.22	165	475	0.240	ng	# 13
52) Acenaphthene	14.78	154	354	0.052	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	14518	5.212	ng	# 17
58) Fluorene	16.26	166	6446	0.731	ng	# 94
60) Diethylphthalate	15.57	149	398	0.043	ng	# 58
63) Azobenzene	16.26	77	1015	0.121	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.26	198	662	0.411	ng	# 1
66) n-Nitrosodiphenylamine	16.26	169	6757	0.858	ng	# 52
67) 4-Bromophenyl-phenylether	16.26	248	12134	3.983	ng	# 1
71) Phenanthrene	17.55	178	86	0.006	ng	# 59
72) Anthracene	17.57	178	100	0.007	ng	# 60
74) Di-n-butylphthalate	18.45	149	1013	0.065	ng	# 77
75) Fluoranthene	19.55	202	55	0.003	ng	# 63
77) Benzidine	20.11	184	17151	1.829	ng	# 96
78) Pyrene	19.93	202	176	0.009	ng	# 55

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

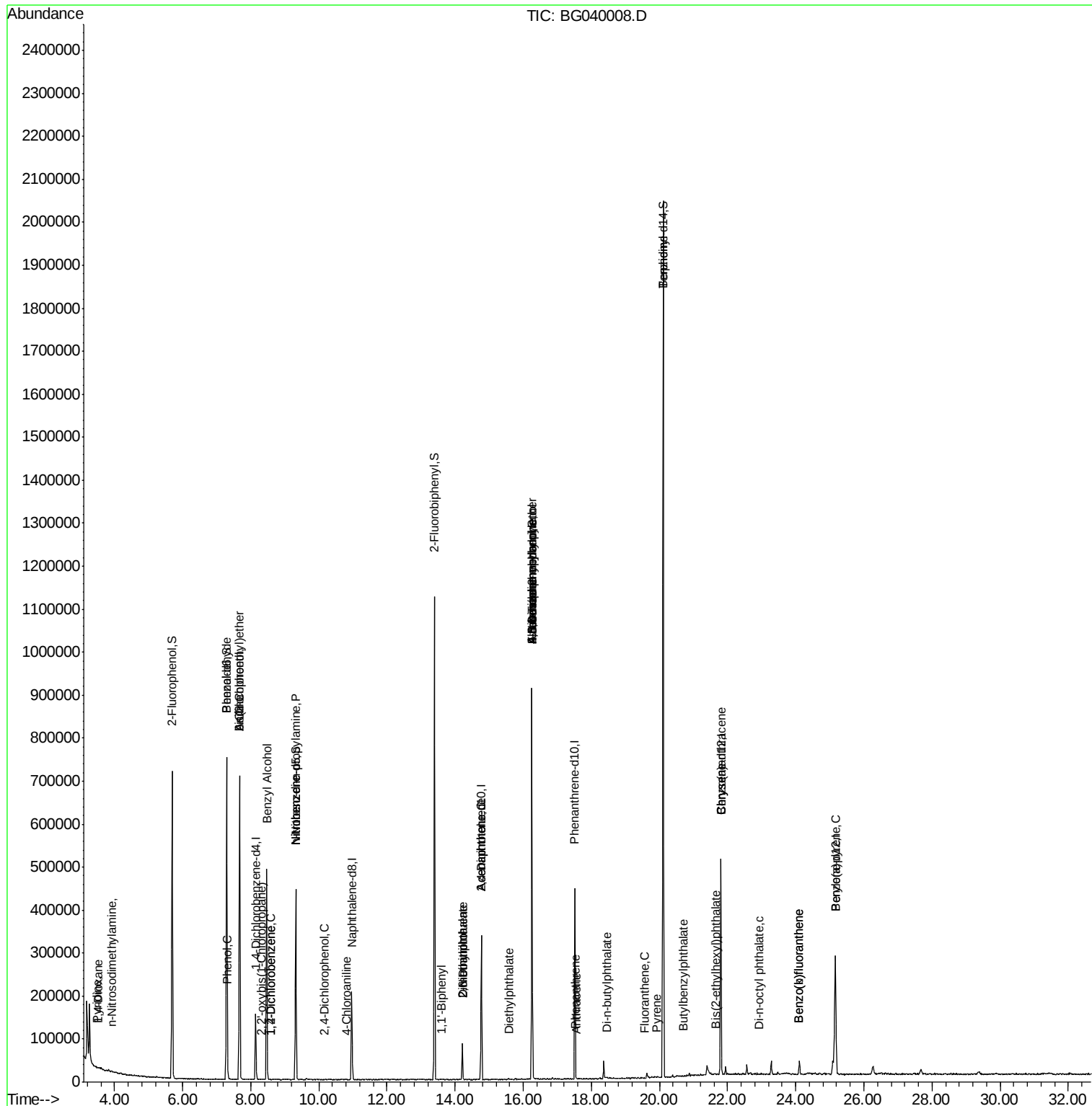
Quant Time: Mar 20 04:10:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	20.68	149	173	0.023	ng	# 73
81) Benzo(a)anthracene	21.80	228	901	0.049	ng	# 57
83) Chrysene	21.80	228	901	0.050	ng	# 54
84) Bis(2-ethylhexyl)phthalate	21.64	149	514	0.049	ng	# 52
85) Di-n-octyl phthalate	22.92	149	65	0.004	ng	# 1
88) Benzo(b)fluoranthene	24.09	252	58	0.003	ng	# 60
89) Benzo(k)fluoranthene	24.09	252	58	0.003	ng	# 59
90) Benzo(a)pyrene	25.16	252	1267	0.077	ng	# 65

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

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampleId :

TP-2

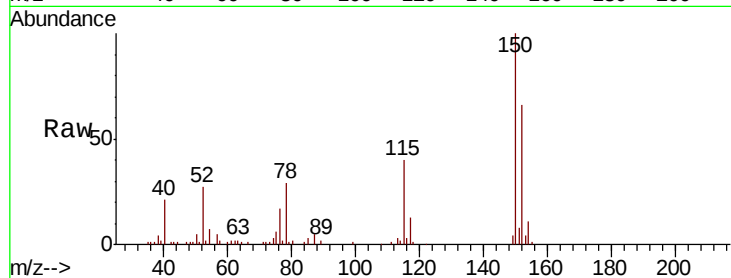
Tgt Ion:152 Resp: 42566

Ion Ratio Lower Upper

152 100

150 152.0 123.7 185.5

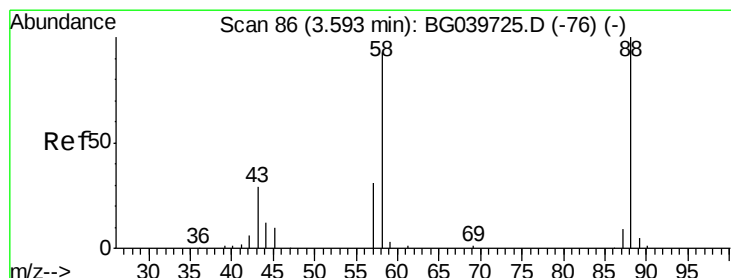
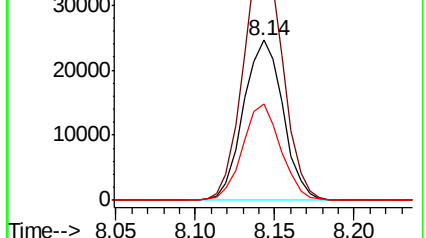
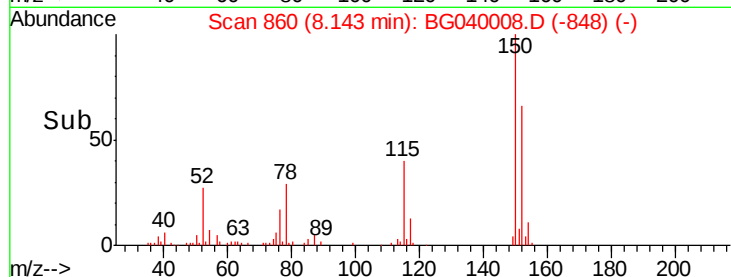
115 60.4 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.051 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.09 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

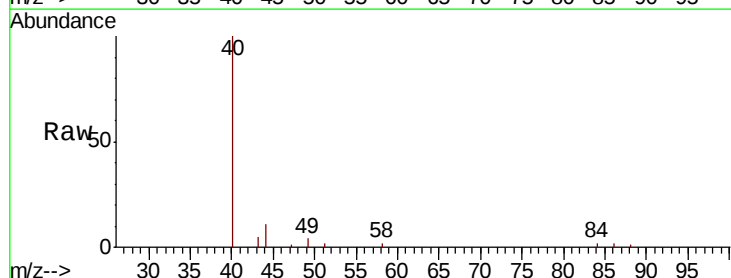
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

58 325.4 81.1 121.7#

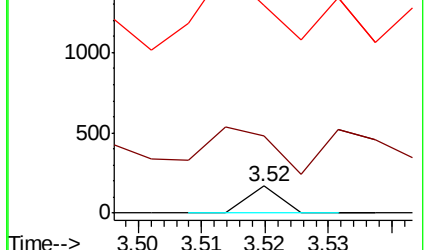
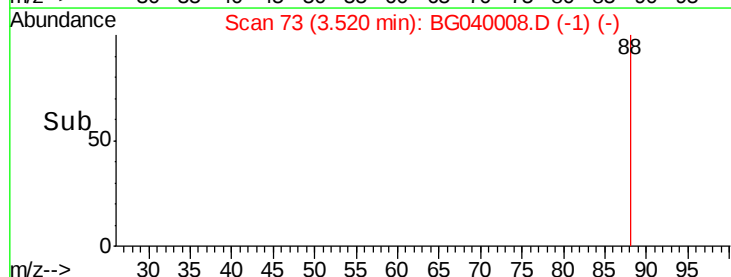
43 0.0 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.018 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.51 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampleId :

TP-2

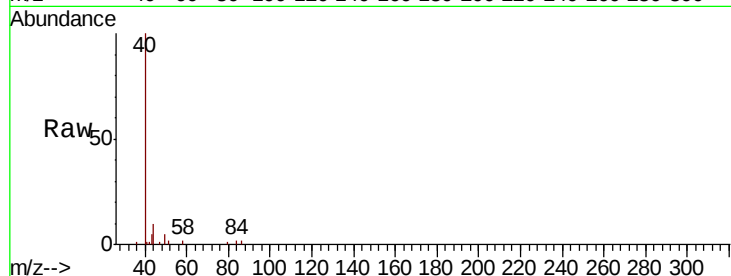
Tgt Ion: 79 Resp: 55

Ion Ratio Lower Upper

79 100

52 0.0 82.6 124.0#

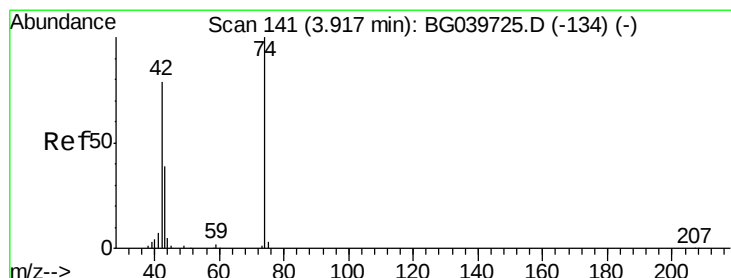
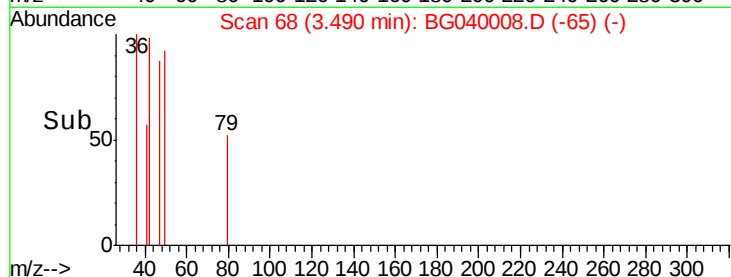
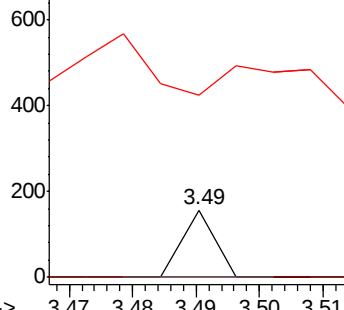
51 272.4 37.5 56.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.099 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

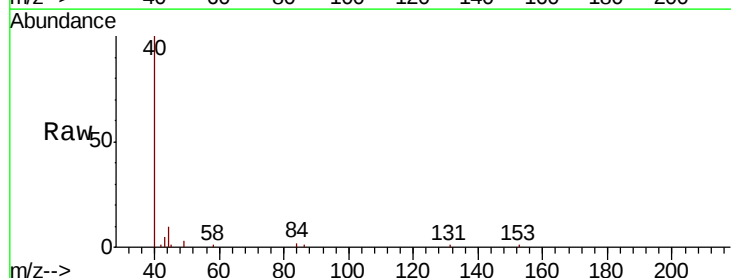
Tgt Ion: 42 Resp: 145

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

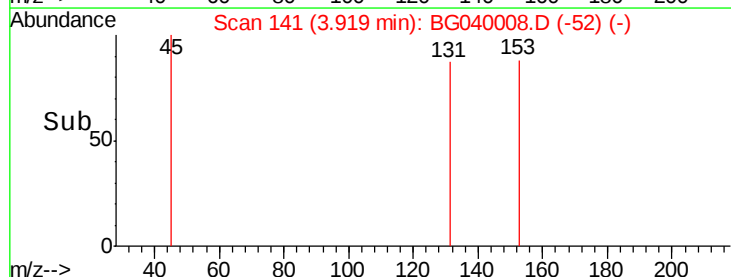
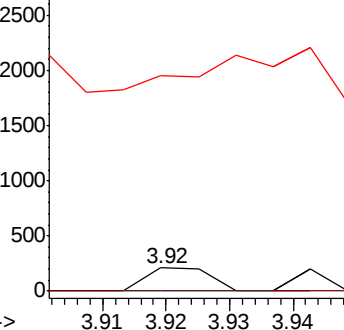
44 929.5 6.9 10.3#



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: 117.388 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampleId :

TP-2

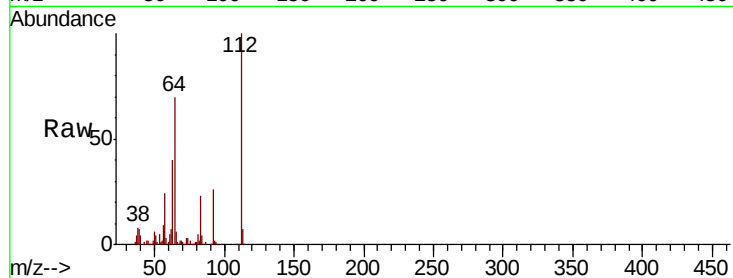
Tgt Ion:112 Resp: 292890

Ion Ratio Lower Upper

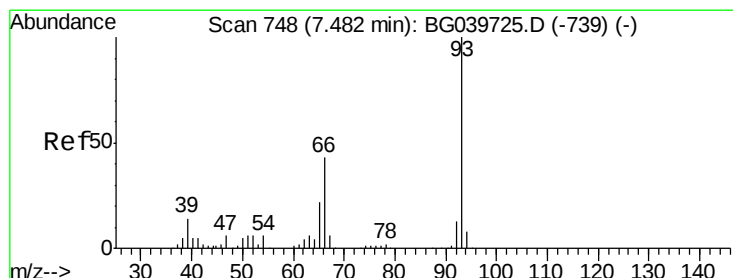
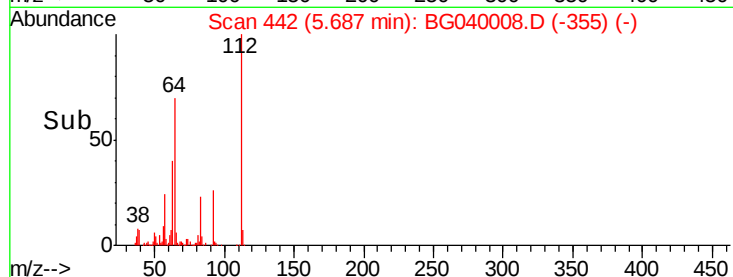
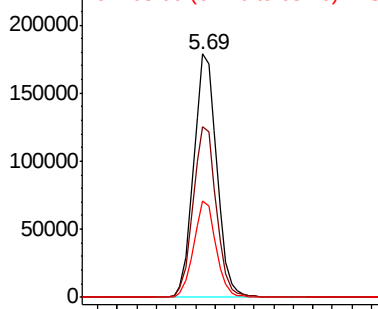
112 100

64 70.4 57.8 86.8

63 39.8 29.8 44.6



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



#6

Aniline

Concen: 0.063 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.18 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

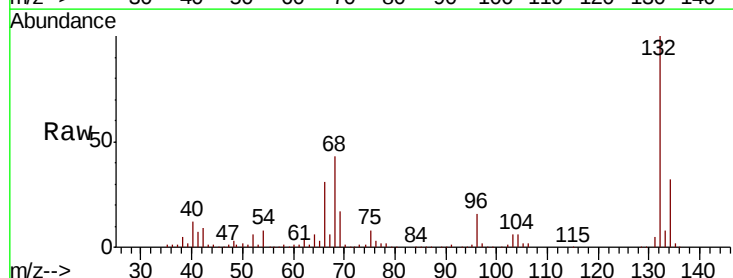
Tgt Ion: 93 Resp: 308

Ion Ratio Lower Upper

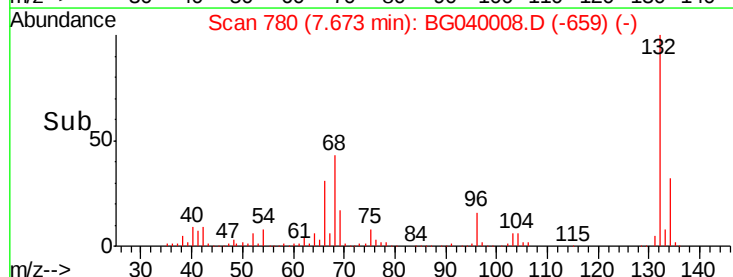
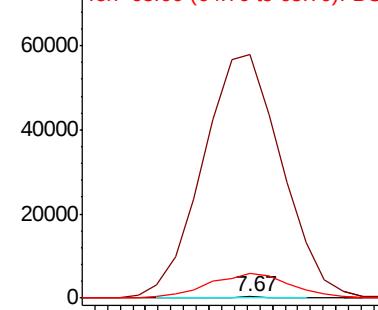
93 100

66 21041.5 34.2 51.4#

65 2143.6 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: 114.312 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampleId :

TP-2

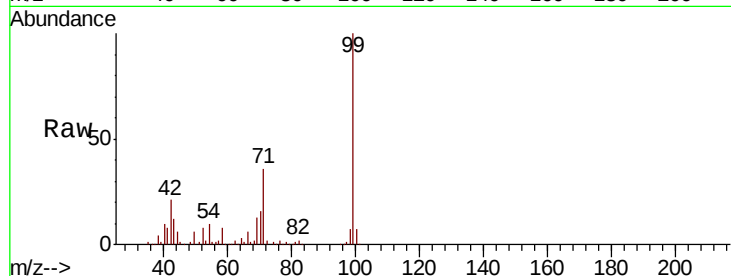
Tgt Ion: 99 Resp: 425274

Ion Ratio Lower Upper

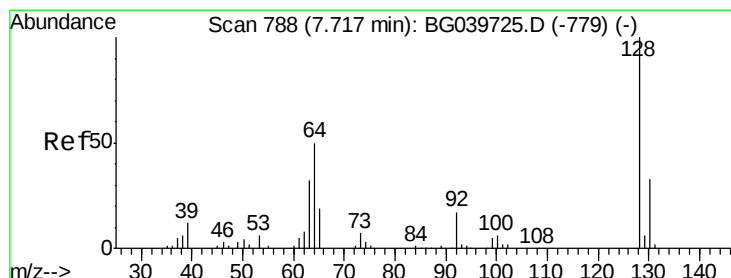
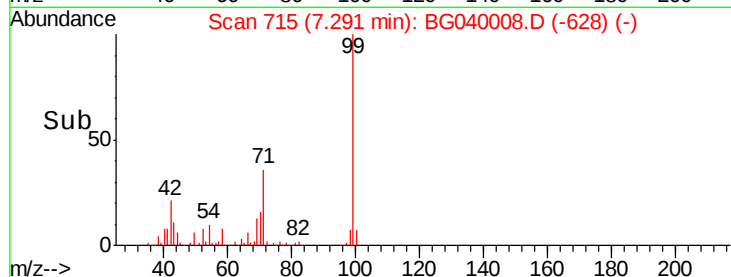
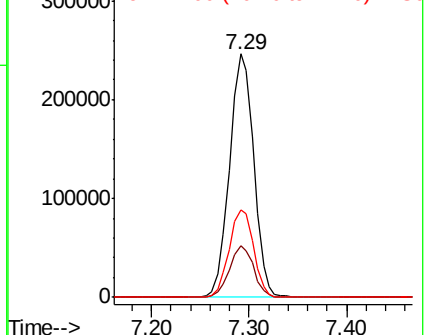
99 100

42 21.0 18.2 27.2

71 36.0 28.0 42.0



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



#8

2-Chlorophenol

Concen: 0.028 ng

RT: 7.67 min Scan# 780

Delta R.T. -0.05 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

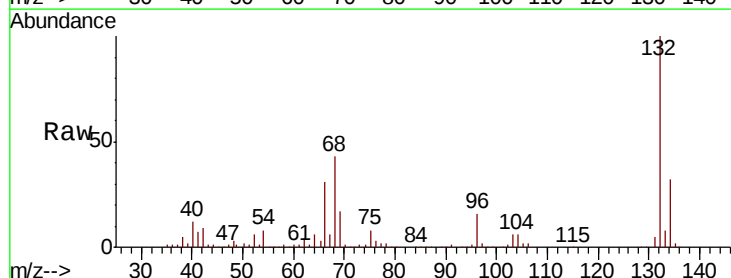
Tgt Ion: 128 Resp: 86

Ion Ratio Lower Upper

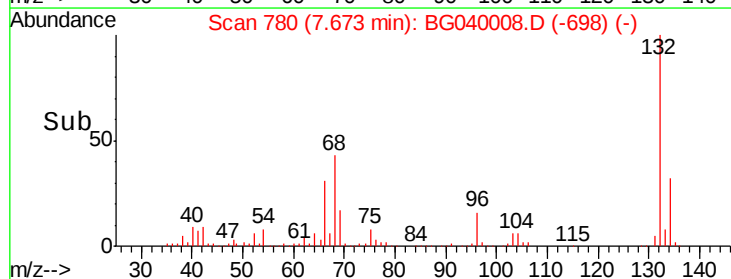
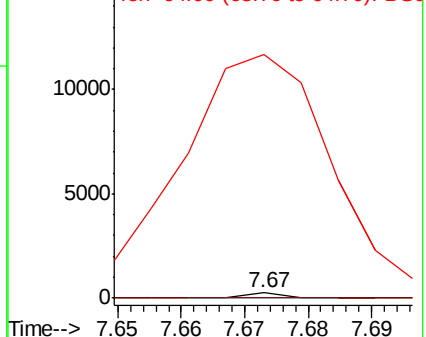
128 100

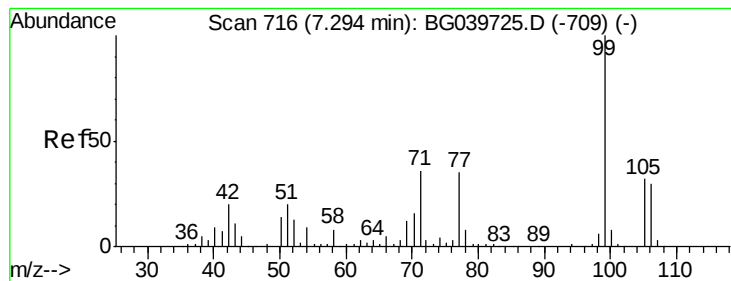
130 0.0 12.9 52.9#

64 4766.5 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: 0.342 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

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TP-2

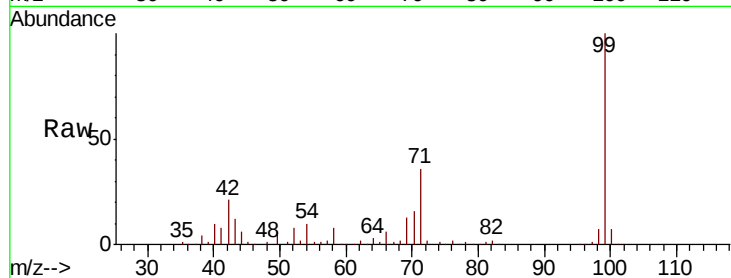
Tgt Ion: 77 Resp: 821

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

7.29

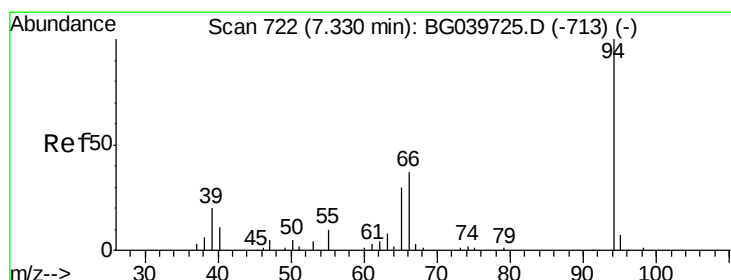
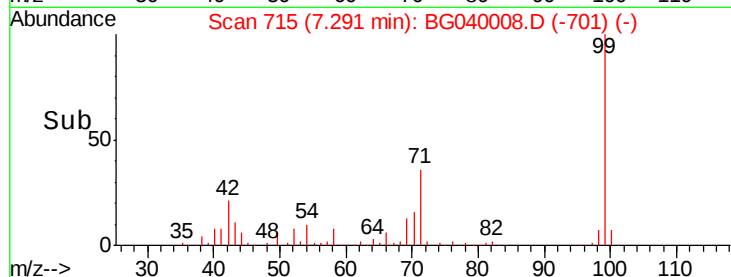
600

400

200

0

Time--> 7.24 7.26 7.28 7.30 7.32



#10

Phenol

Concen: 1.669 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

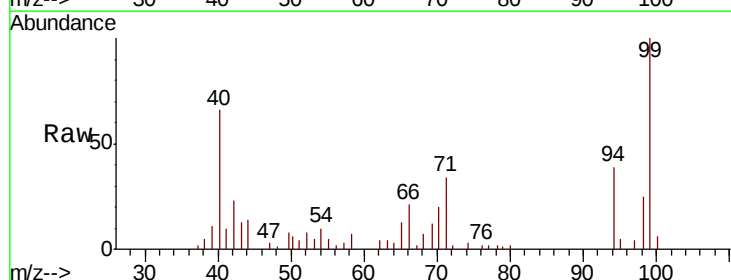
Tgt Ion: 94 Resp: 6727

Ion Ratio Lower Upper

94 100

65 34.3 11.7 51.7

66 54.4 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

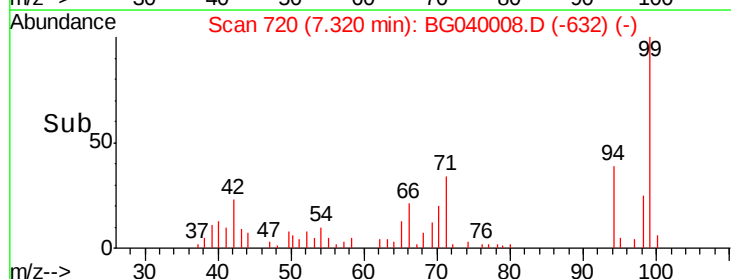
15000

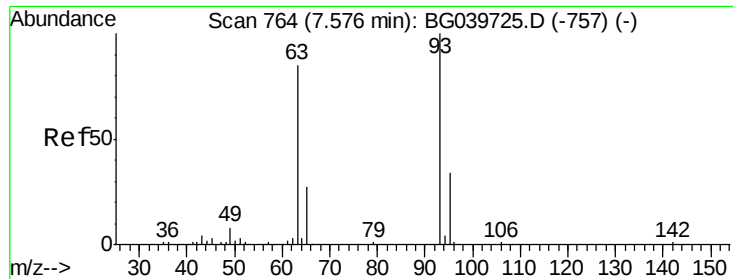
10000

5000

0

Time--> 7.25 7.30 7.35

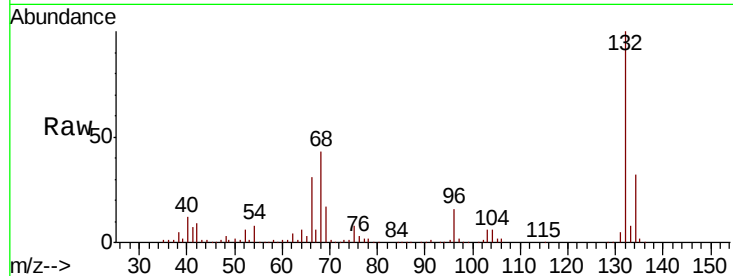




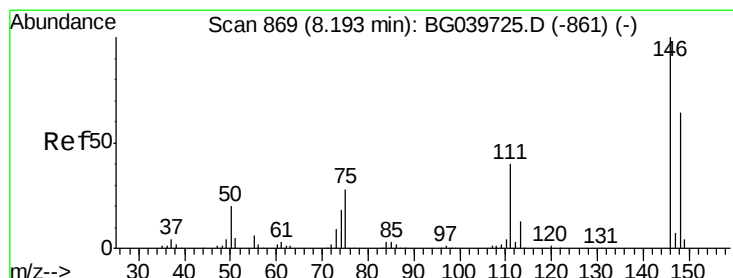
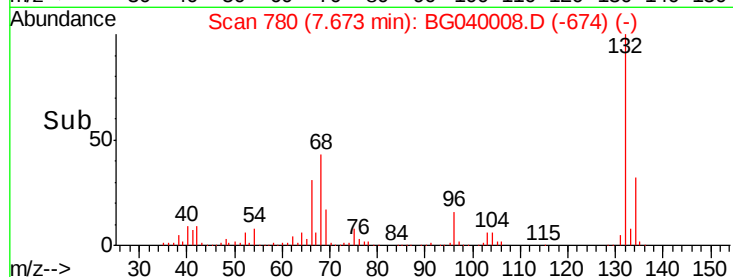
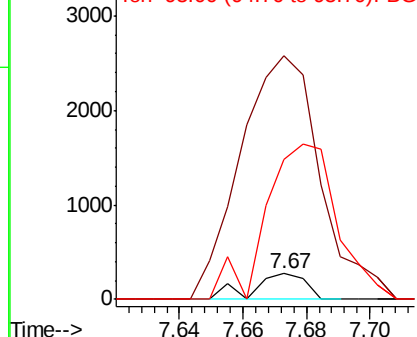
#11
 bis(2-Chloroethyl)ether
 Concen: 0.098 ng
 RT: 7.67 min Scan# 780
 Delta R.T. 0.09 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion: 93 Resp: 308
 Ion Ratio Lower Upper
 93 100
 63 937.5 69.5 109.5#
 95 537.8 12.7 52.7#

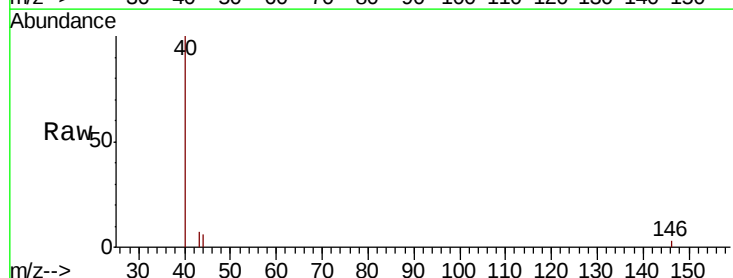


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

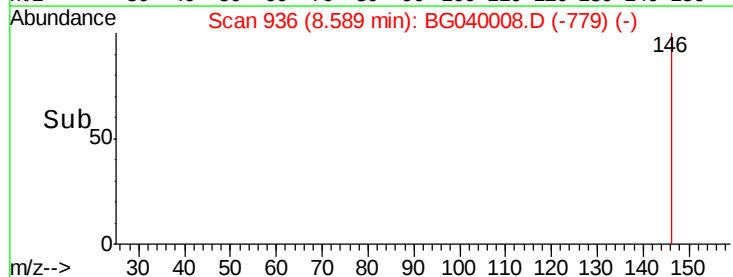
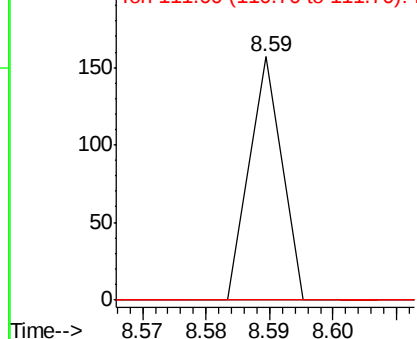


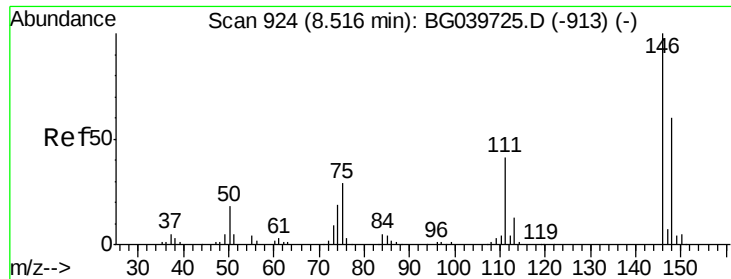
#13
 1,4-Dichlorobenzene
 Concen: 0.016 ng
 RT: 8.59 min Scan# 936
 Delta R.T. 0.39 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

Tgt Ion: 146 Resp: 55
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.1 76.7#
 111 0.0 32.6 48.8#



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

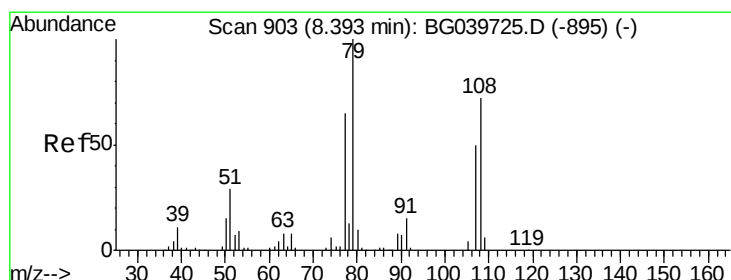
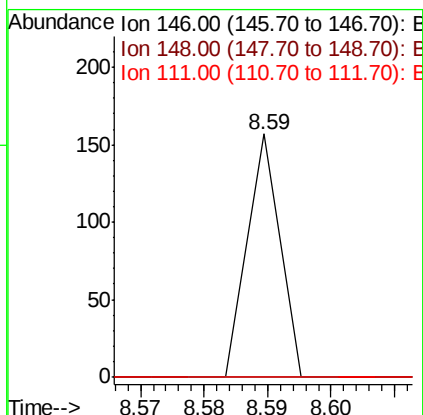
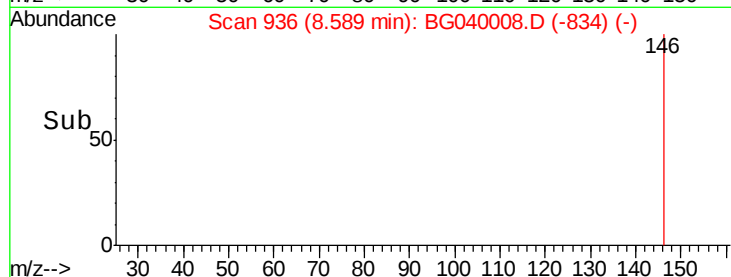
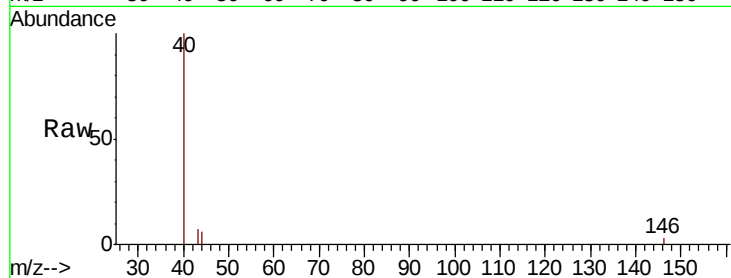




#14
 1,2-Dichlorobenzene
 Concen: 0.016 ng
 RT: 8.59 min Scan# 936
 Delta R.T. 0.07 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

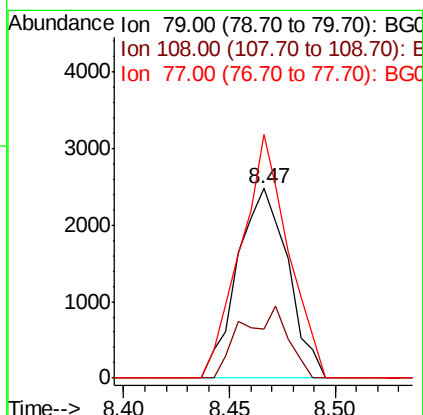
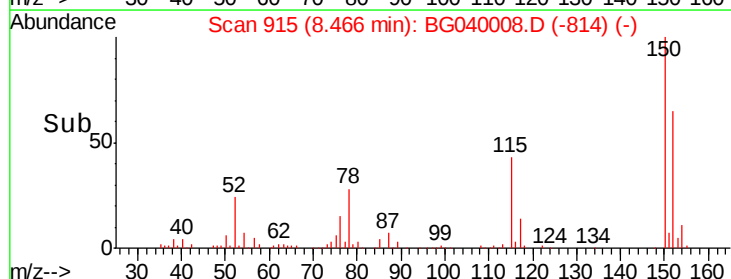
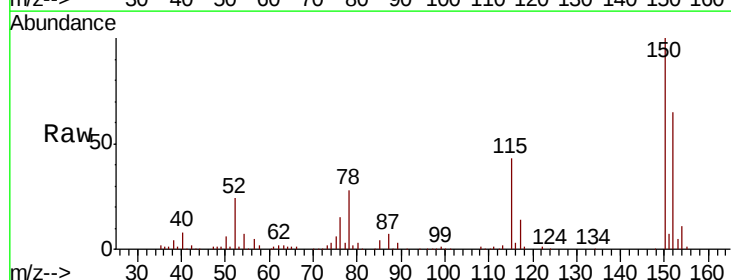
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

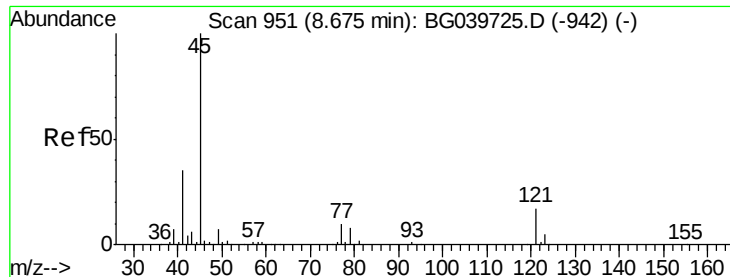
Tgt Ion: 146 Resp: 55
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.5 77.3#
 111 0.0 33.8 50.6#



#15
 Benzyl Alcohol
 Concen: 1.397 ng
 RT: 8.47 min Scan# 915
 Delta R.T. 0.06 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

Tgt Ion: 79 Resp: 4124
 Ion Ratio Lower Upper
 79 100
 108 25.8 57.8 86.6#
 77 128.4 51.1 76.7#

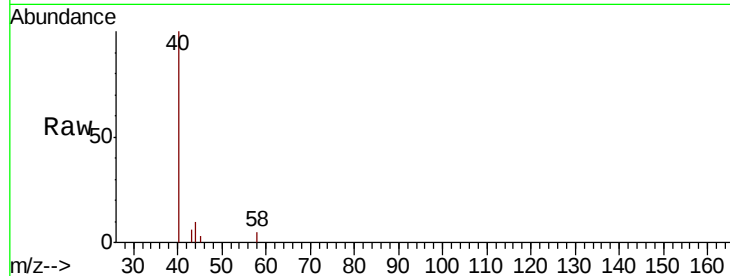




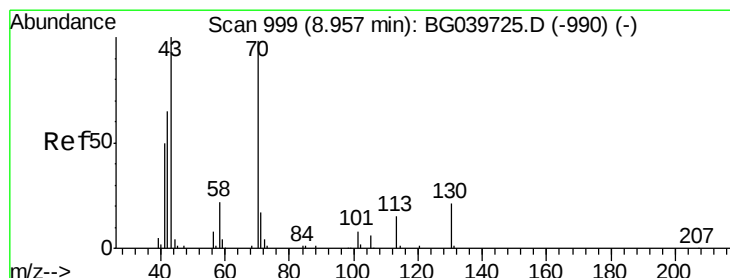
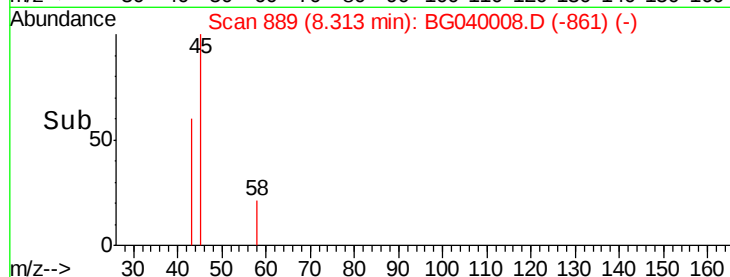
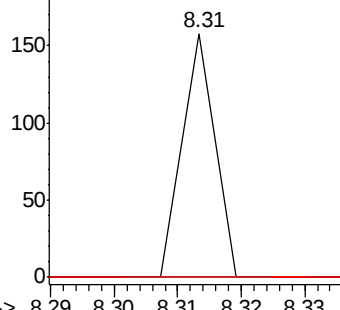
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.009 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.37 min
Lab File: BG040008.D
Acq: 19 Mar 2019 18:39

Instrument :
BNA_G
ClientSampleId :
TP-2

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

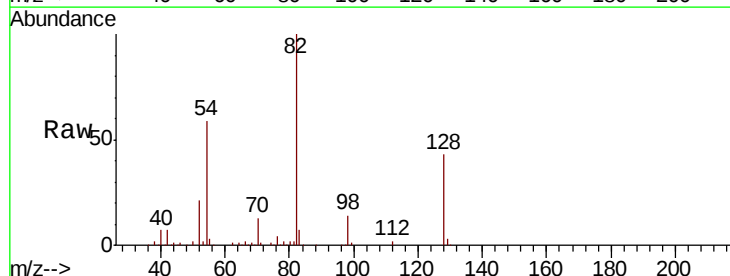


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

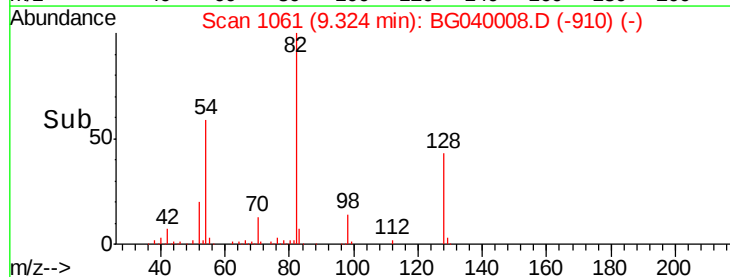
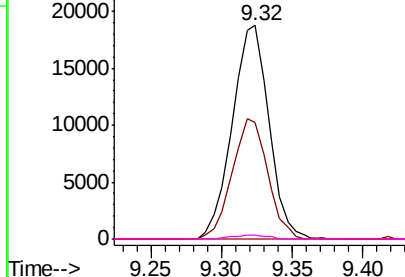


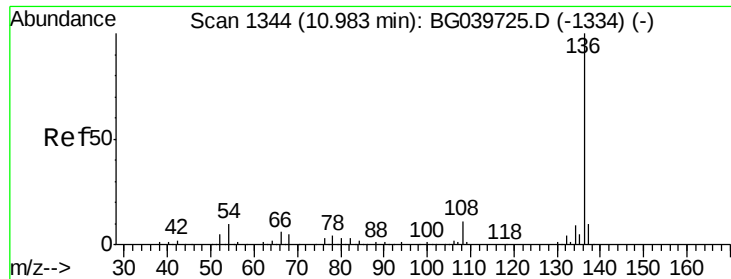
#19
n-Nitroso-di-n-propylamine
Concen: 12.710 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040008.D
Acq: 19 Mar 2019 18:39

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.4	60.4	90.6#
101	0.0	7.5	11.3#
130	2.0	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

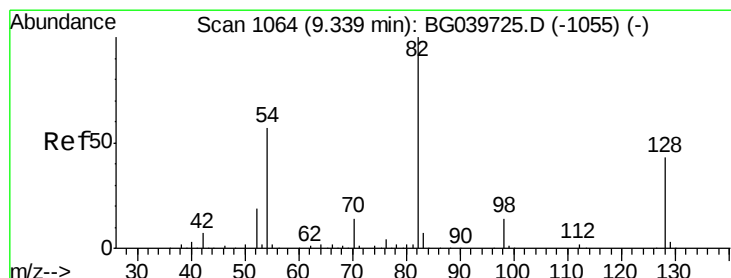
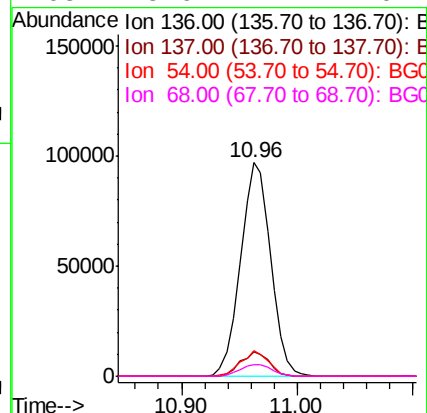
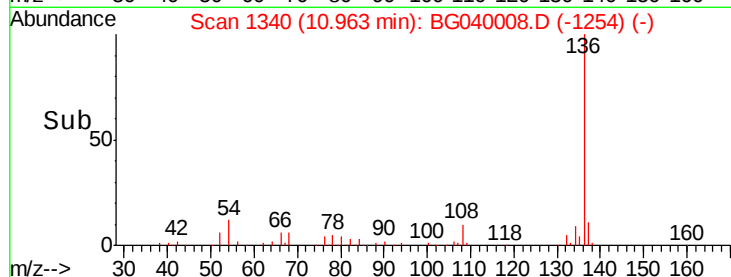
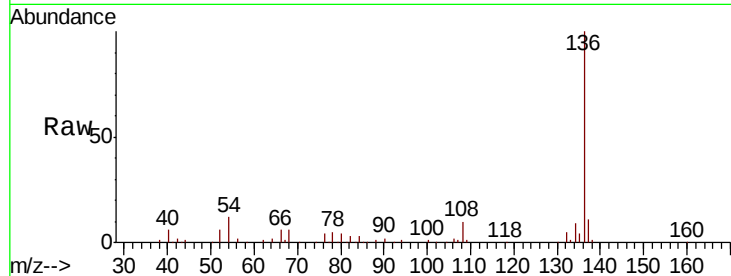




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040008.D
Acq: 19 Mar 2019 18:39

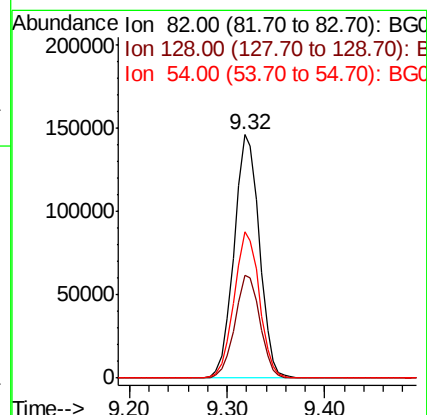
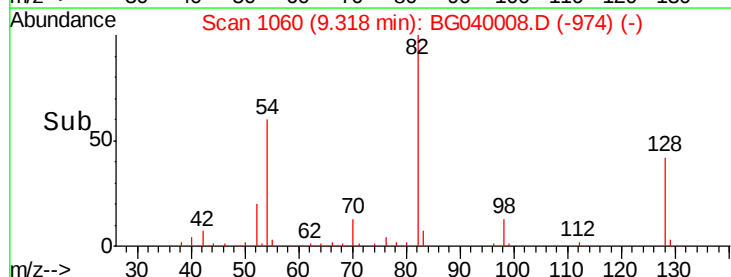
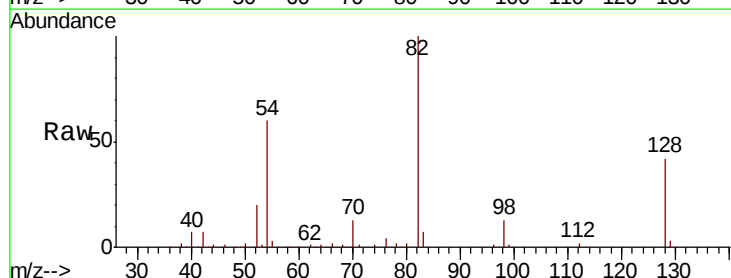
Instrument :
BNA_G
ClientSampled :
TP-2

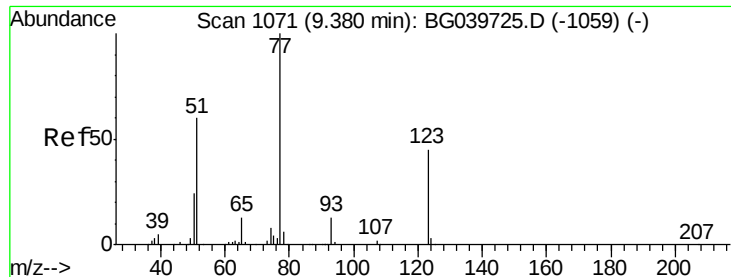
Tgt Ion:	136	Resp:	174557
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.9	9.4	14.2
68	5.6	4.2	6.4



#23
Nitrobenzene-d5
Concen: 81.045 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040008.D
Acq: 19 Mar 2019 18:39

Tgt Ion:	82	Resp:	261573
Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	60.2	50.9	76.3

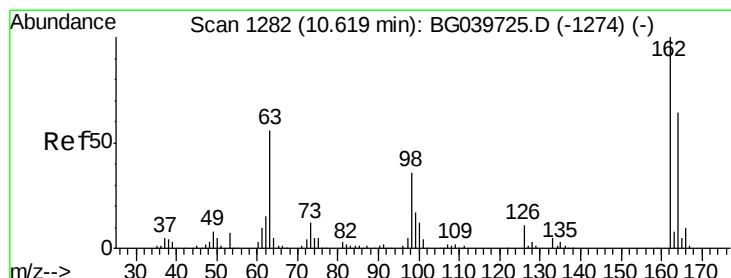
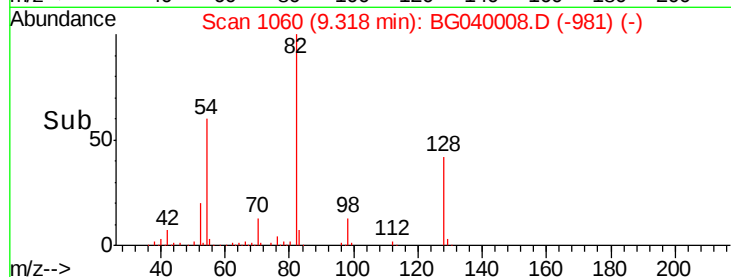
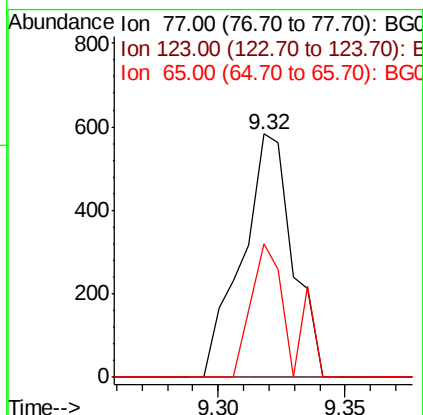
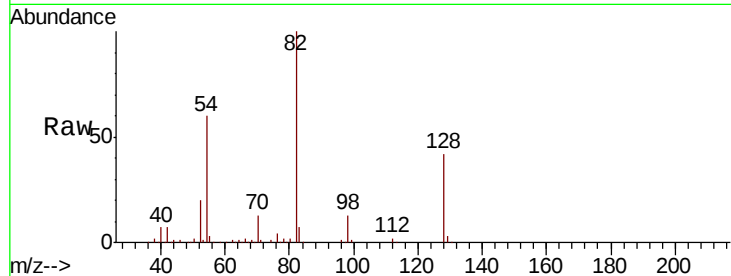




#24
Nitrobenzene
Concen: 0.240 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.07 min
Lab File: BG040008.D
Acq: 19 Mar 2019 18:39

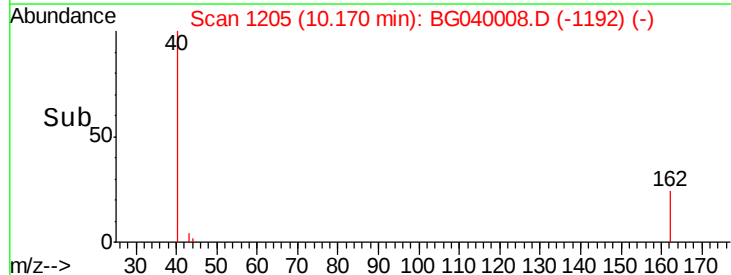
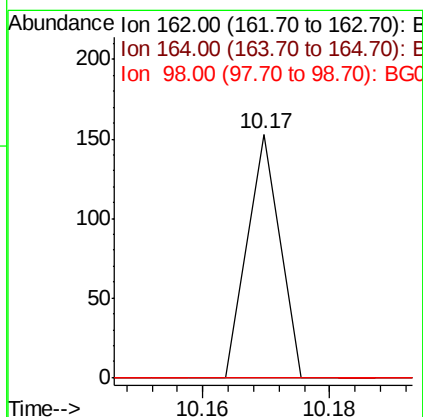
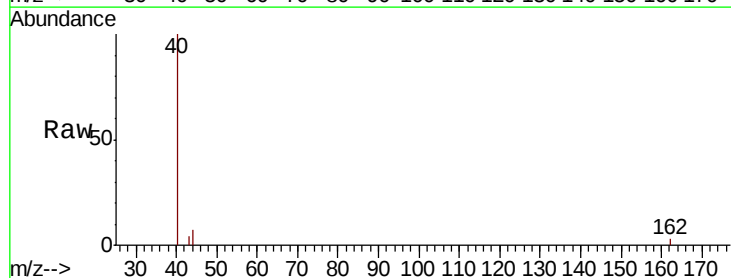
Instrument :
BNA_G
ClientSampleId :
TP-2

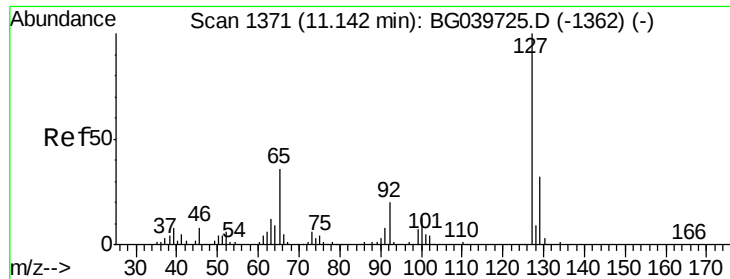
Tgt Ion: 77 Resp: 813
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 54.9 12.3 18.5#



#29
2,4-Dichlorophenol
Concen: 0.019 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.46 min
Lab File: BG040008.D
Acq: 19 Mar 2019 18:39

Tgt Ion: 162 Resp: 54
Ion Ratio Lower Upper
162 100
164 0.0 48.1 88.1#
98 0.0 18.1 58.1#

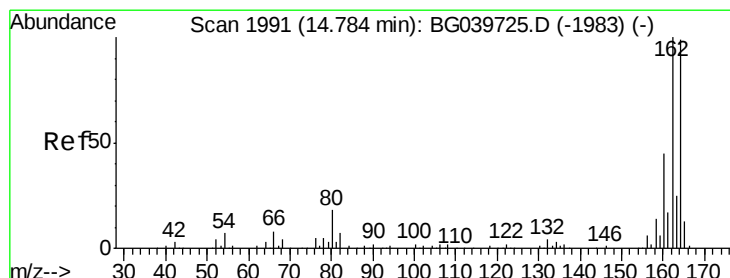
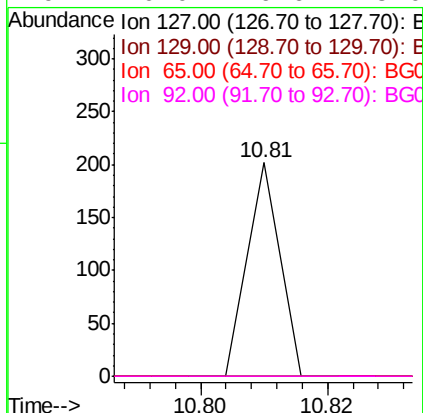
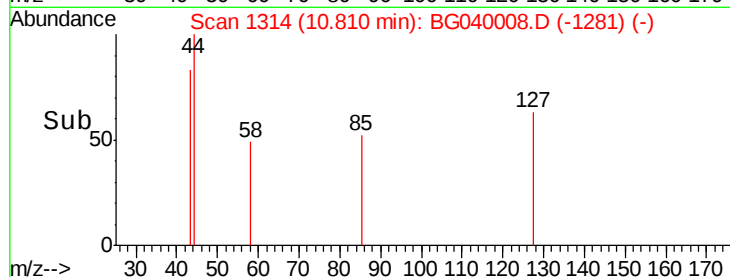
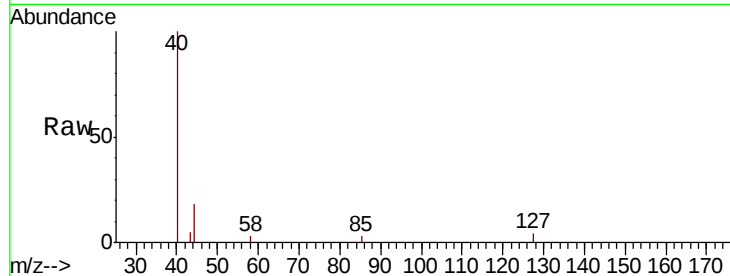




#33
4-Chloroaniline
Concen: 0.018 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.34 min
Lab File: BG040008.D
Acq: 19 Mar 2019 18:39

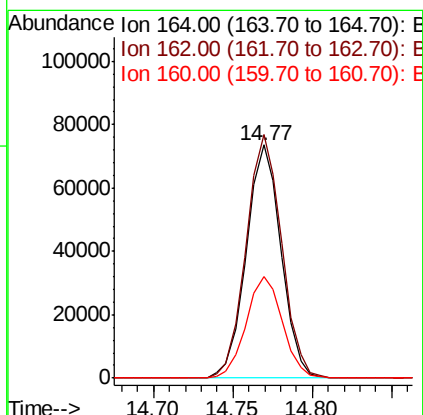
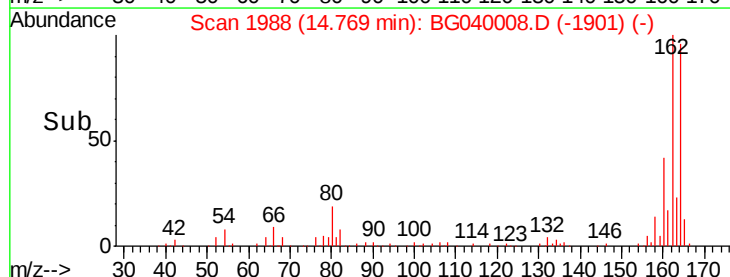
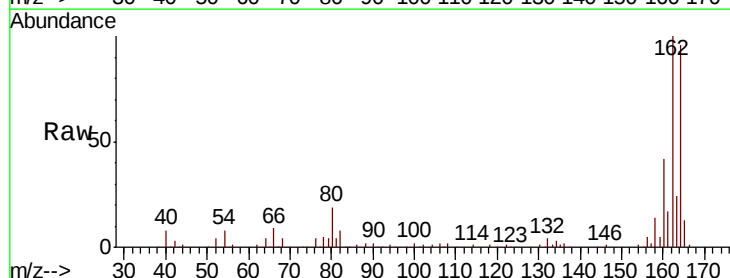
Instrument :
BNA_G
ClientSampled :
TP-2

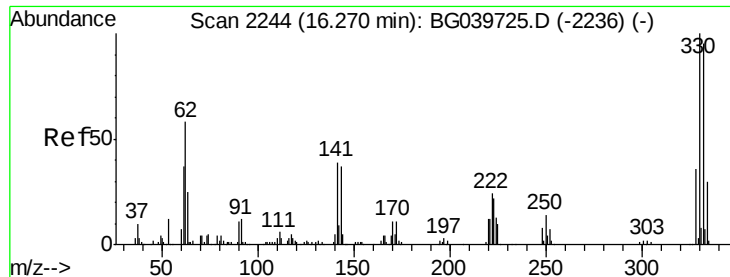
Tgt Ion:	127	Resp:	71
Ion	Ratio	Lower	Upper
127	100		
129	0.0	27.0	40.4#
65	0.0	28.8	43.2#
92	0.0	16.6	25.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040008.D
Acq: 19 Mar 2019 18:39

Tgt Ion:	164	Resp:	111832
Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.6	122.4
160	43.8	34.2	51.2

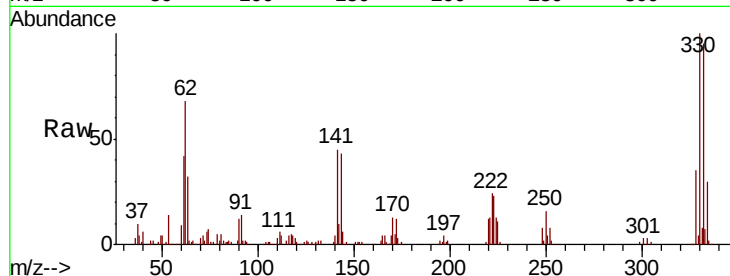




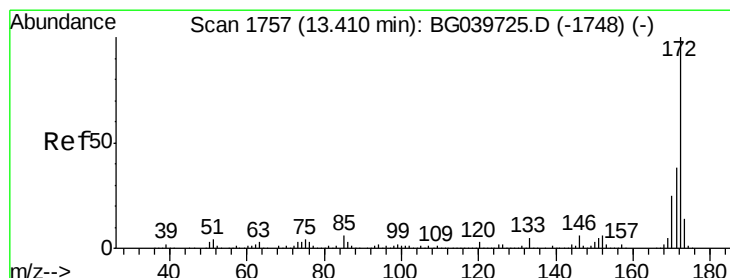
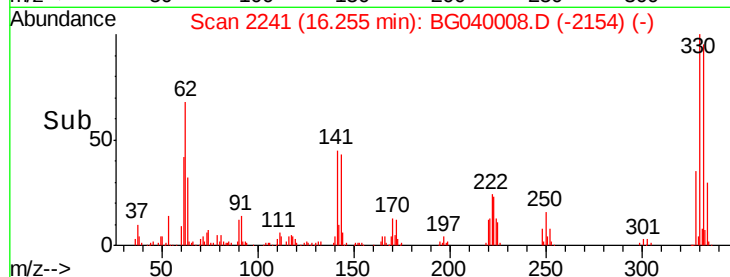
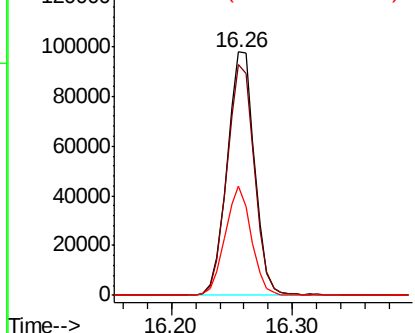
#42
 2,4,6-Tribromophenol
 Concen: 118.377 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:330 Resp: 154303
 Ion Ratio Lower Upper
 330 100
 332 94.3 75.7 113.5
 141 42.8 35.6 53.4

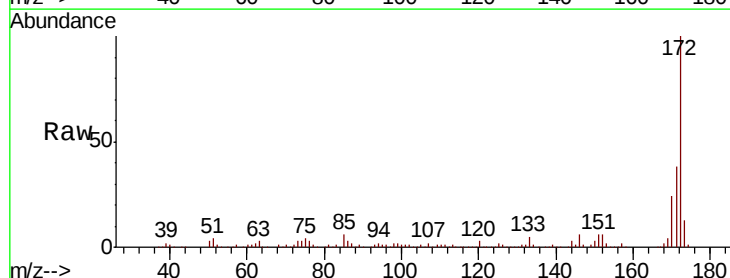


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

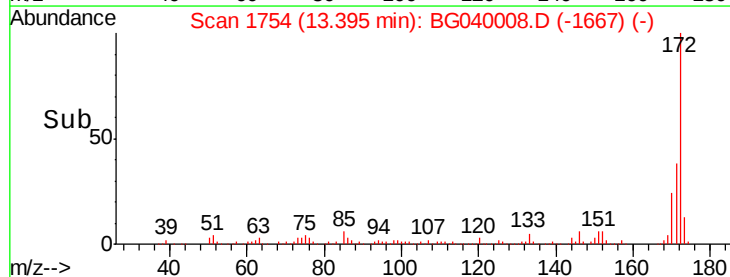
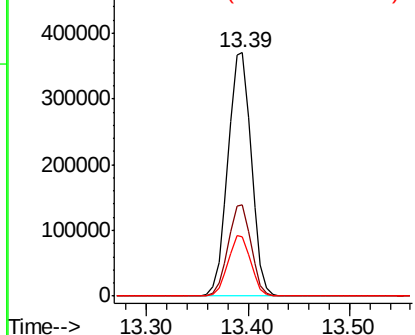


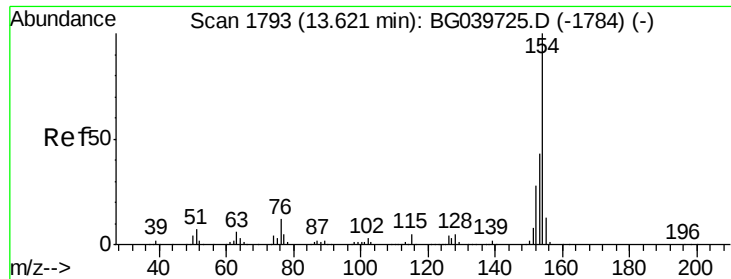
#45
 2-Fluorobiphenyl
 Concen: 75.506 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

Tgt Ion:172 Resp: 593049
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 24.3 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

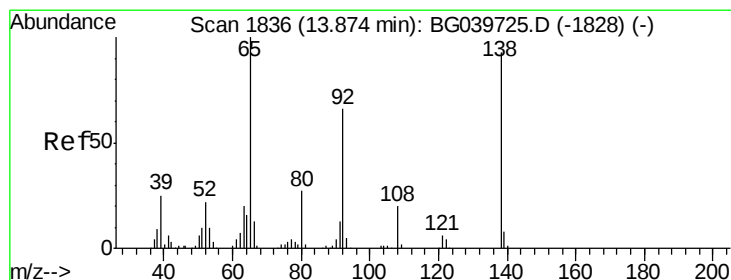
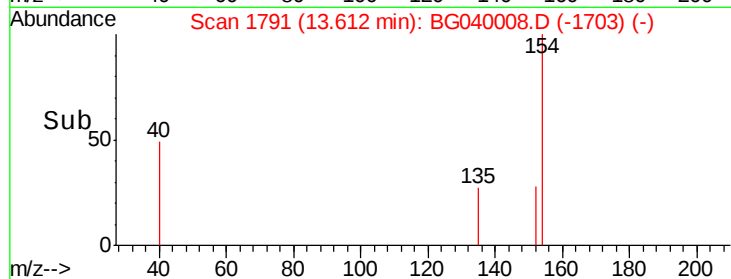
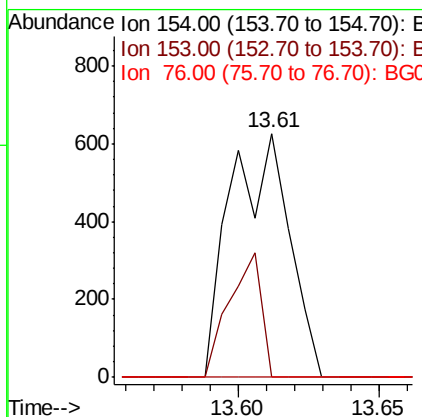
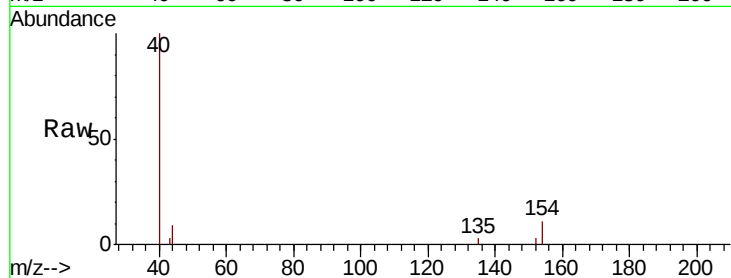




#46
1,1'-Biphenyl
Concen: 0.098 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040008.D
Acq: 19 Mar 2019 18:39

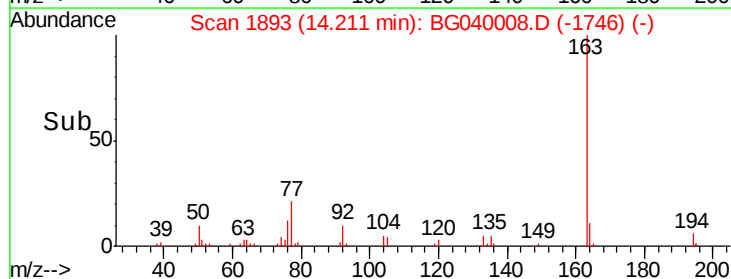
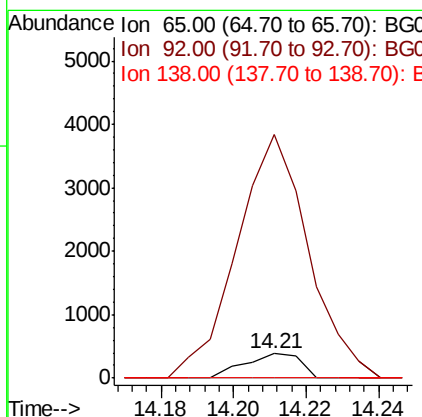
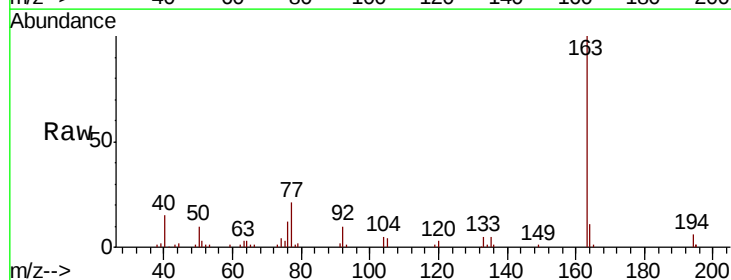
Instrument :
BNA_G
ClientSampleId :
TP-2

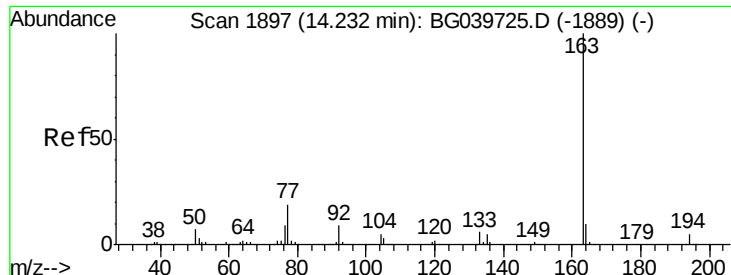
Tgt Ion: 154 Resp: 905
Ion Ratio Lower Upper
154 100
153 0.0 22.1 62.1#
76 0.0 0.0 32.4



#48
2-Nitroaniline
Concen: 0.187 ng
RT: 14.21 min Scan# 1893
Delta R.T. 0.33 min
Lab File: BG040008.D
Acq: 19 Mar 2019 18:39

Tgt Ion: 65 Resp: 416
Ion Ratio Lower Upper
65 100
92 991.7 51.4 77.2#
138 0.0 71.4 107.2#





#50

Dimethylphthalate

Concen: 5.877 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampled :

TP-2

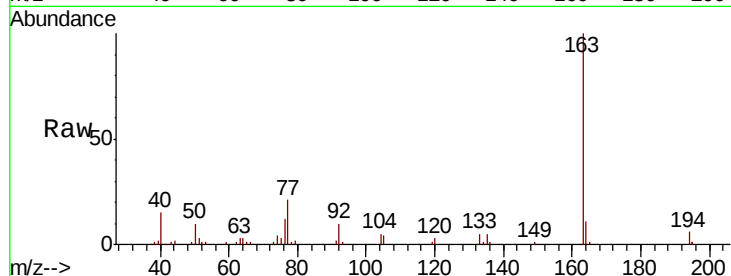
Tgt Ion:163 Resp: 54955

Ion Ratio Lower Upper

163 100

194 5.8 3.6 5.4#

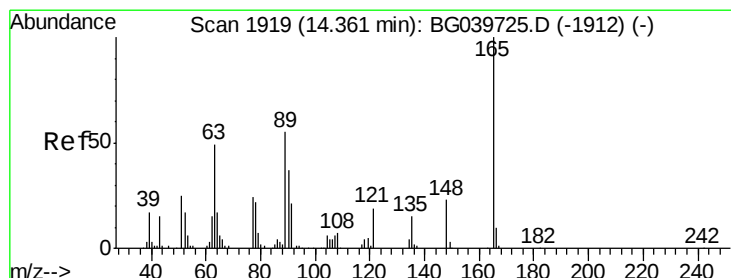
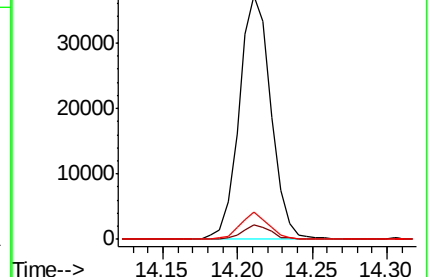
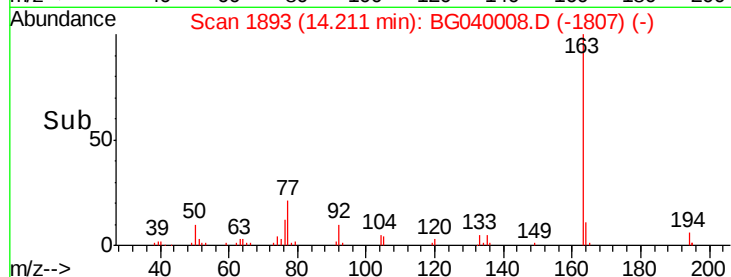
164 11.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.240 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.15 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

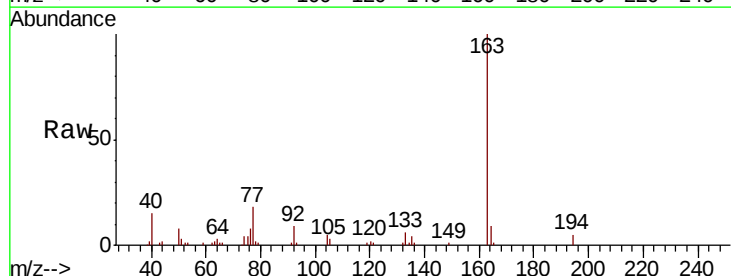
Tgt Ion:165 Resp: 475

Ion Ratio Lower Upper

165 100

63 130.3 47.0 70.6#

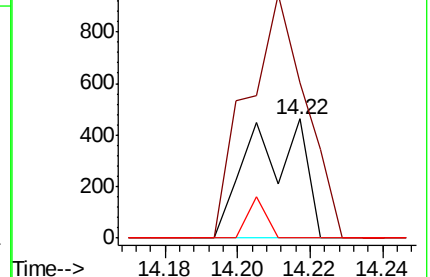
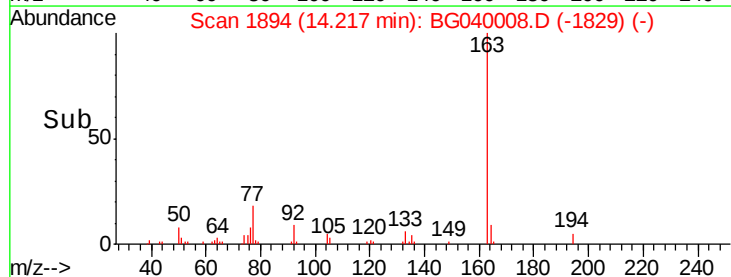
89 0.0 45.8 68.8#

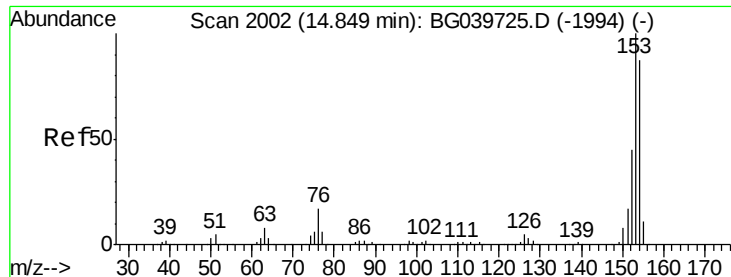


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.052 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampled :

TP-2

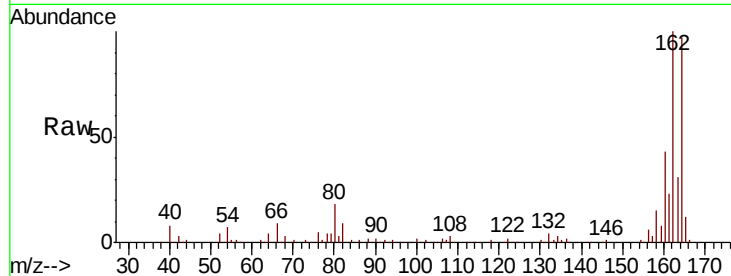
Tgt Ion:154 Resp: 354

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

14.78

400

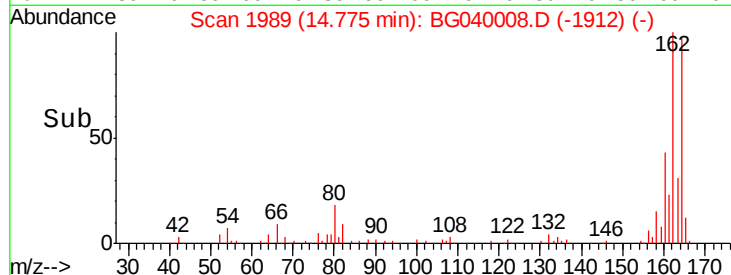
300

200

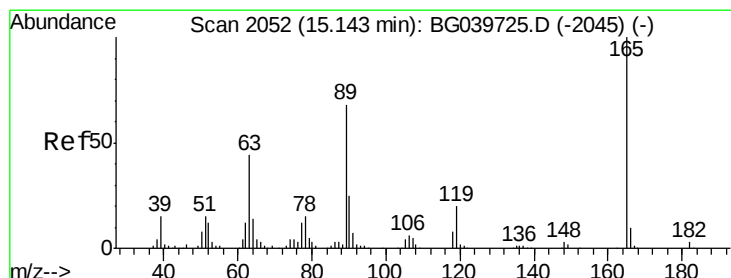
100

0

14.74 14.76 14.78



Time-->



#57

2,4-Dinitrotoluene

Concen: 5.212 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Tgt Ion:165 Resp: 14518

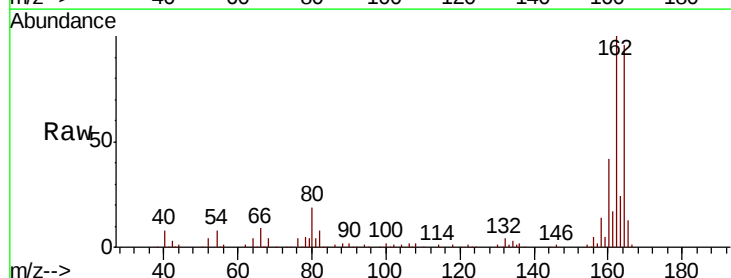
Ion Ratio Lower Upper

165 100

63 0.0 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

14.77

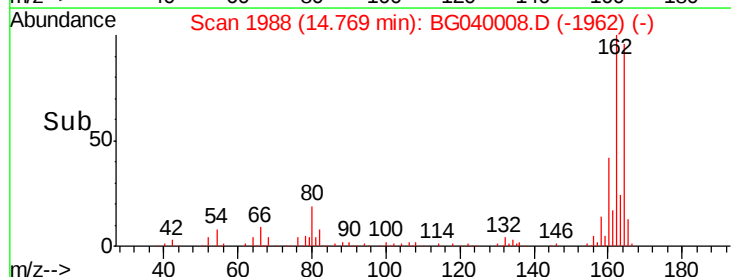
15000

10000

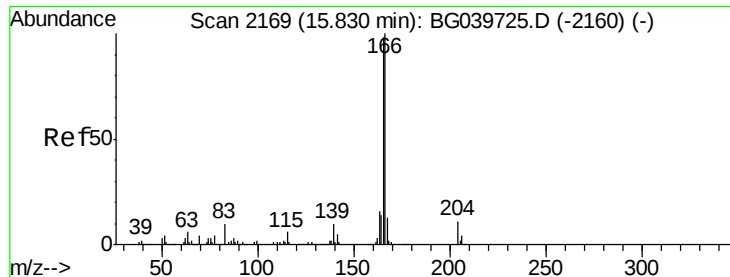
5000

0

14.70 14.75 14.80



Time-->



#58

Fluorene

Concen: 0.731 ng

RT: 16.26 min Scan# 2241

Delta R.T. 0.42 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampleId :

TP-2

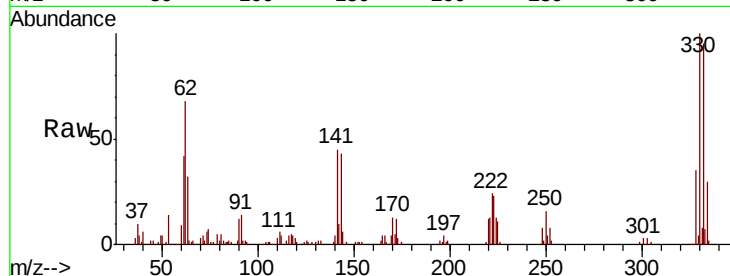
Tgt Ion:166 Resp: 6446

Ion Ratio Lower Upper

166 100

165 98.9 77.9 116.9

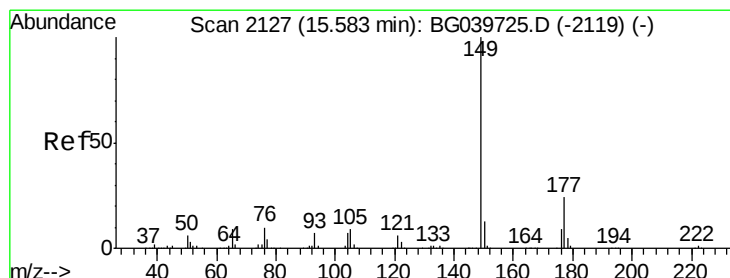
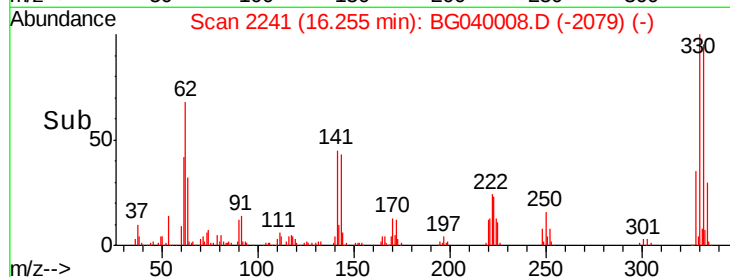
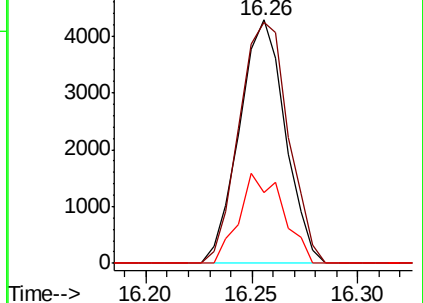
167 28.9 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.043 ng

RT: 15.57 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

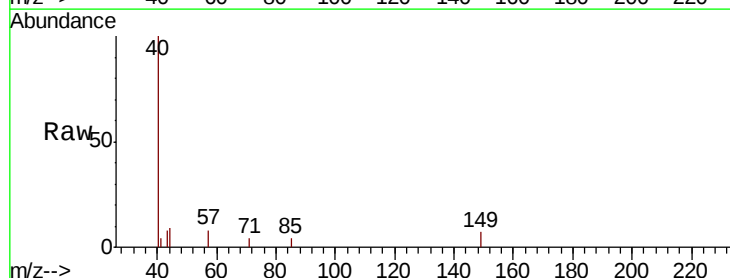
Tgt Ion:149 Resp: 398

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

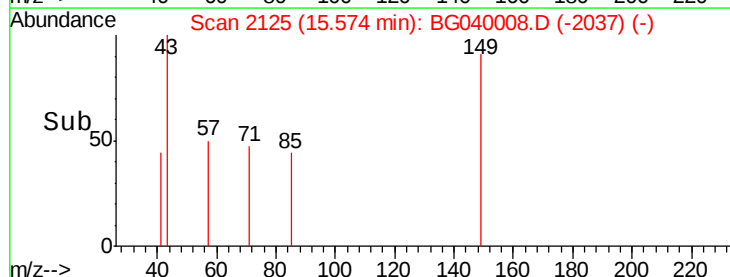
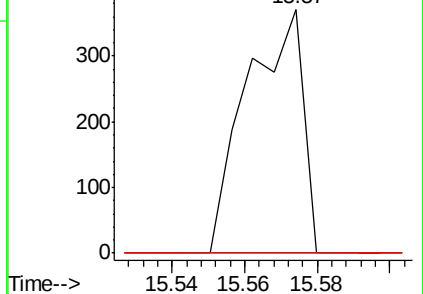
150 0.0 10.2 15.2#

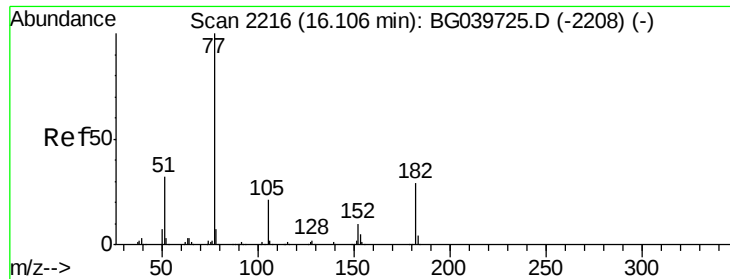


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.121 ng

RT: 16.26 min Scan# 2241

Delta R.T. 0.14 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampleId :

TP-2

Tgt Ion: 77 Resp: 1015

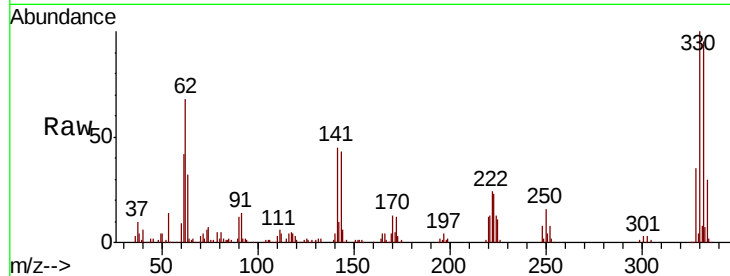
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 115.3 0.0 39.8#

51 50.3 14.1 54.1

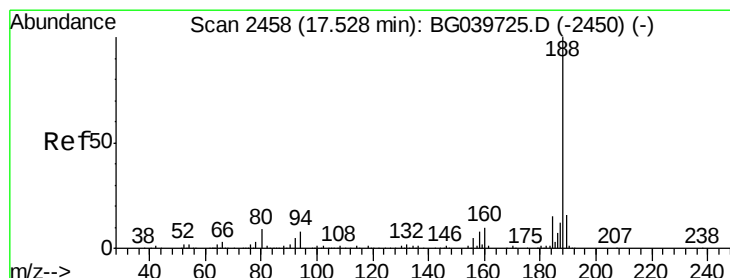
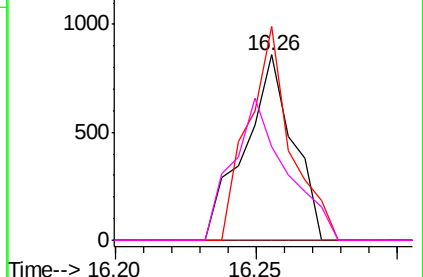
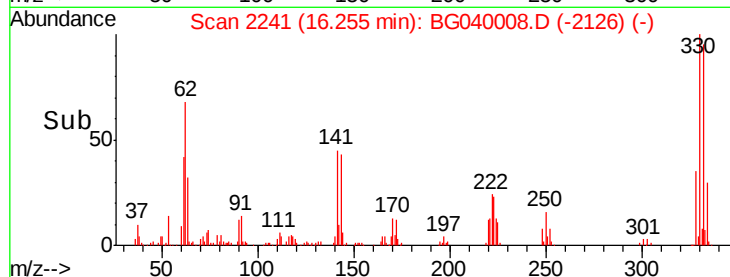


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

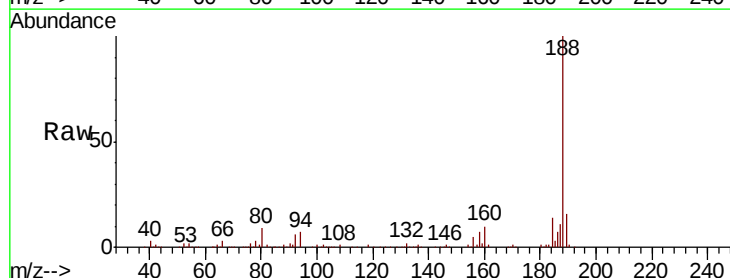
Tgt Ion: 188 Resp: 272157

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

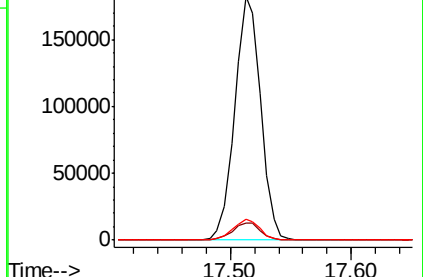
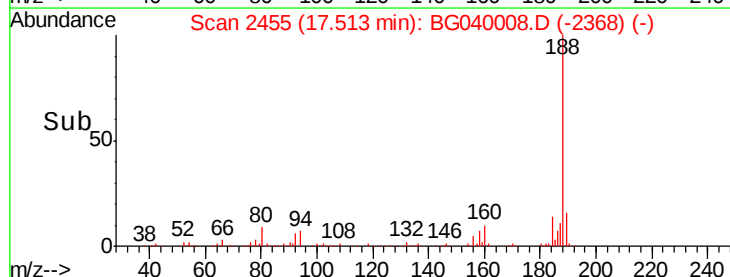
80 8.8 8.1 12.1

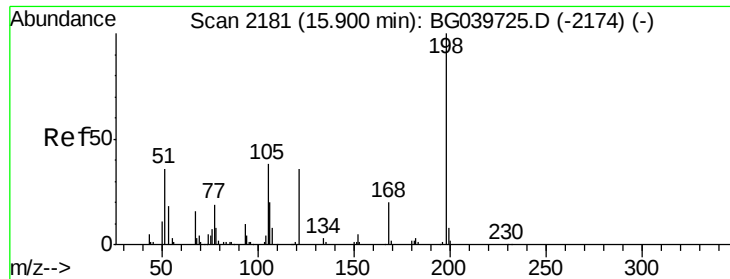


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

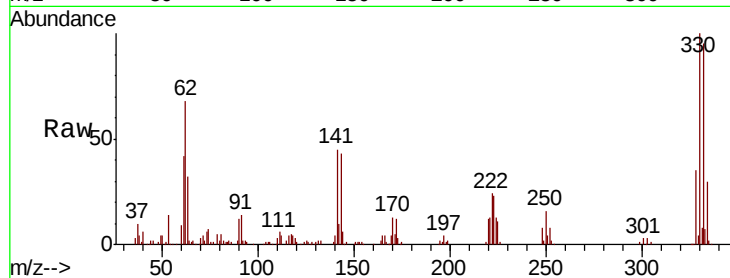




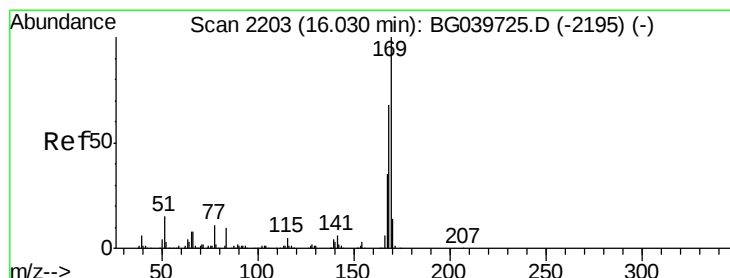
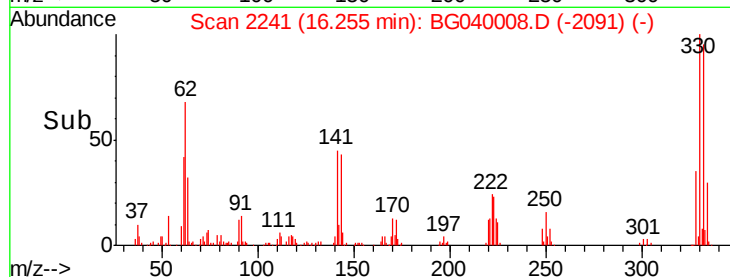
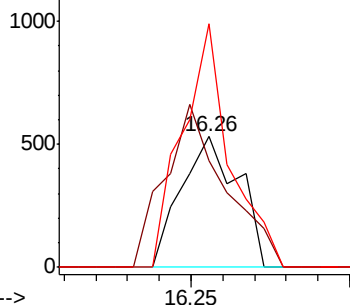
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.411 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. 0.35 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tgt Ion:198 Resp: 662
 Ion Ratio Lower Upper
 198 100
 51 81.5 27.4 67.4#
 105 186.8 19.7 59.7#

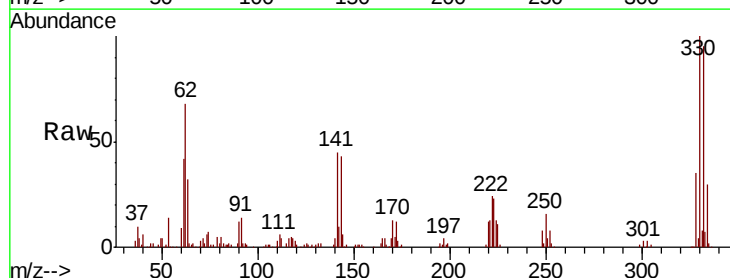


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

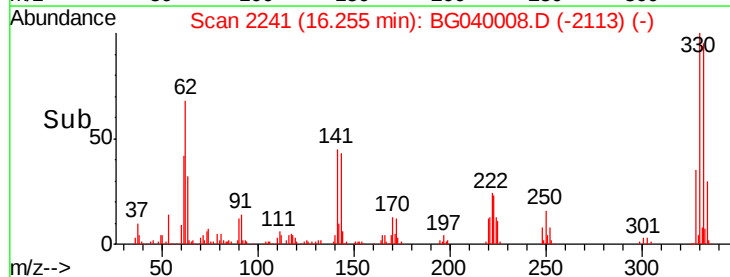
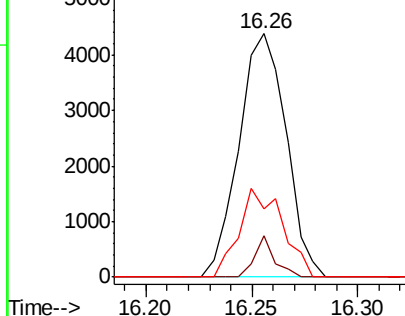


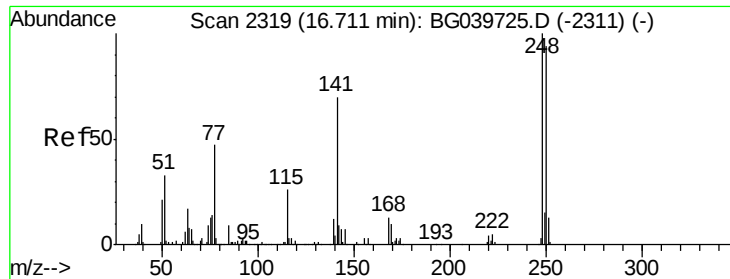
#66
 n-Nitrosodiphenylamine
 Concen: 0.858 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

Tgt Ion:169 Resp: 6757
 Ion Ratio Lower Upper
 169 100
 168 17.2 56.6 85.0#
 167 28.2 28.8 43.2#



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

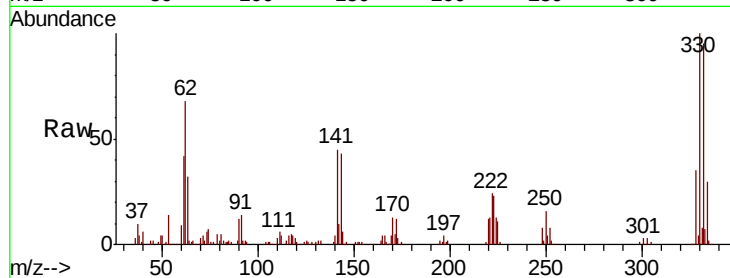




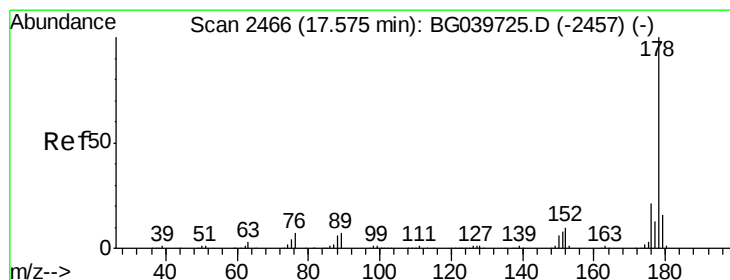
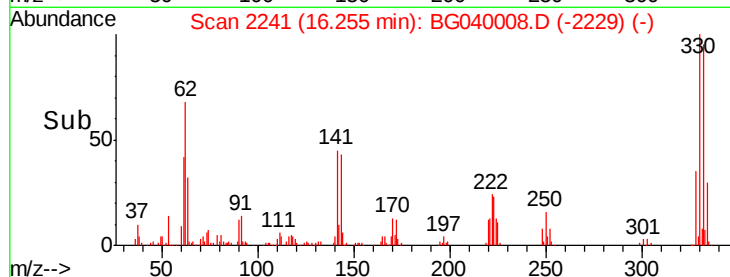
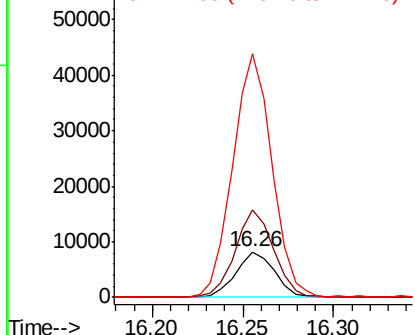
#67
 4-Bromophenyl-phenylether
 Concen: 3.983 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:248 Resp: 12134
 Ion Ratio Lower Upper
 248 100
 250 191.8 77.6 116.4#
 141 534.9 63.9 95.9#

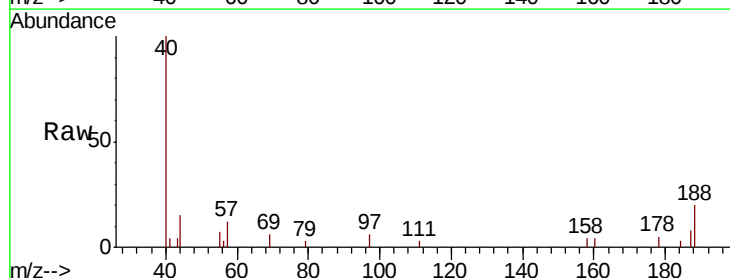


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

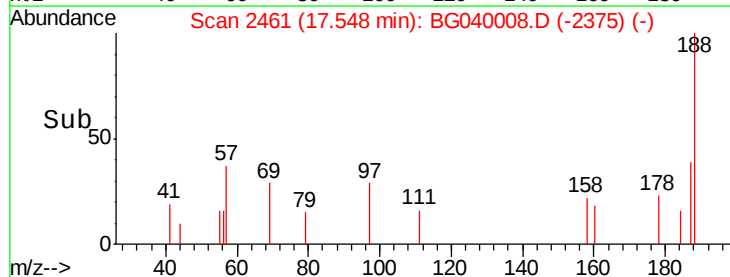
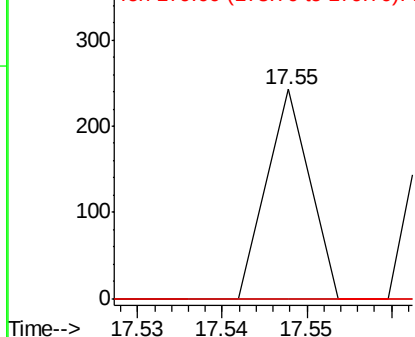


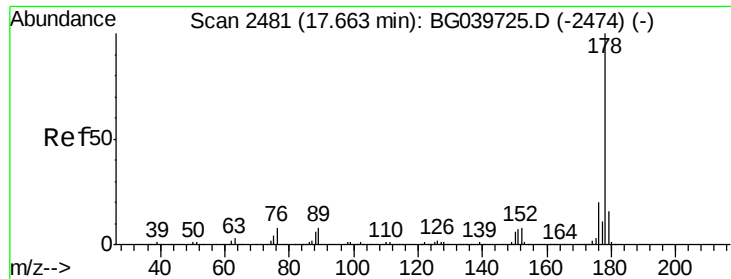
#71
 Phenanthrene
 Concen: 0.006 ng
 RT: 17.55 min Scan# 2461
 Delta R.T. -0.03 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

Tgt Ion:178 Resp: 86
 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: 0.007 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.10 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampleId :

TP-2

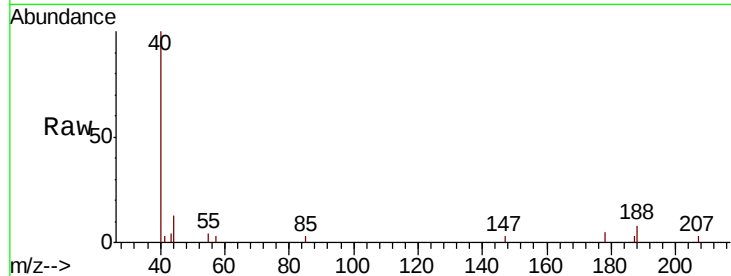
Tgt Ion:178 Resp: 100

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

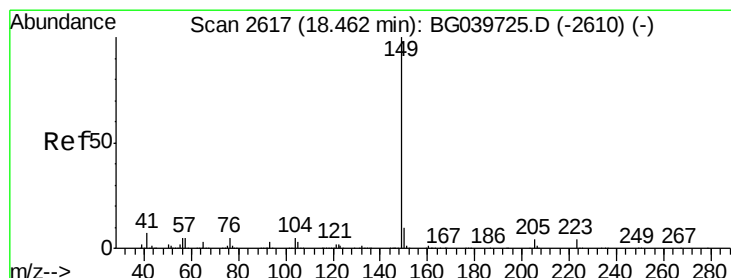
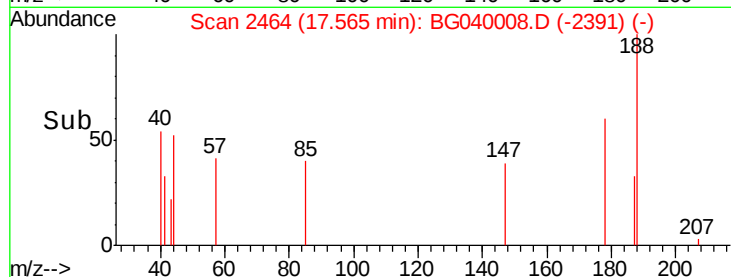
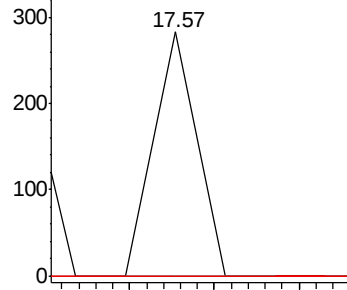
179 0.0 12.5 18.7#



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: 0.065 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

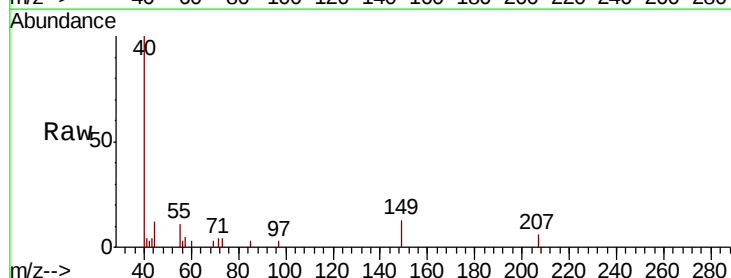
Tgt Ion:149 Resp: 1013

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

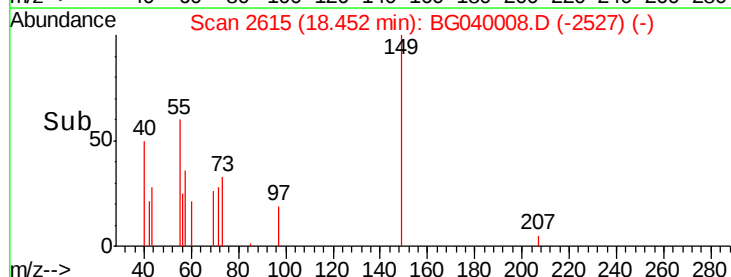
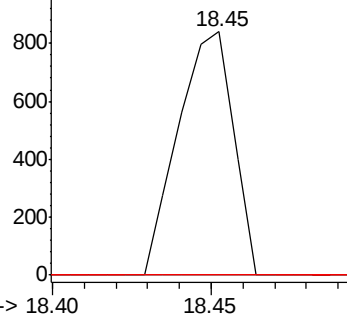
104 0.0 4.5 6.7#

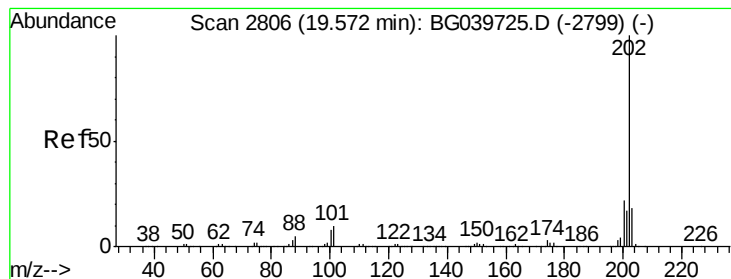


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.003 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

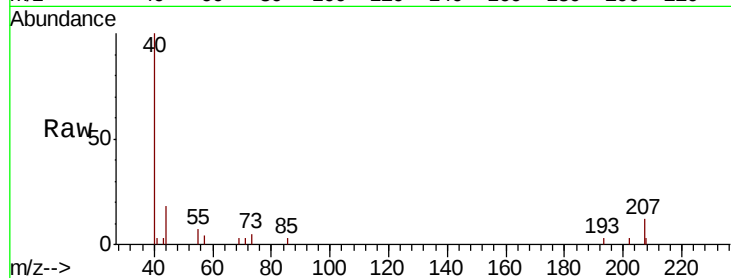
Instrument :

BNA_G

ClientSampled :

TP-2

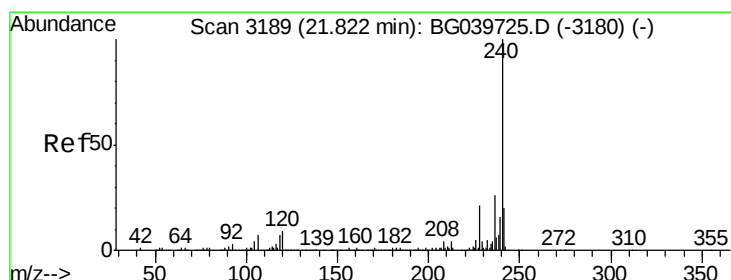
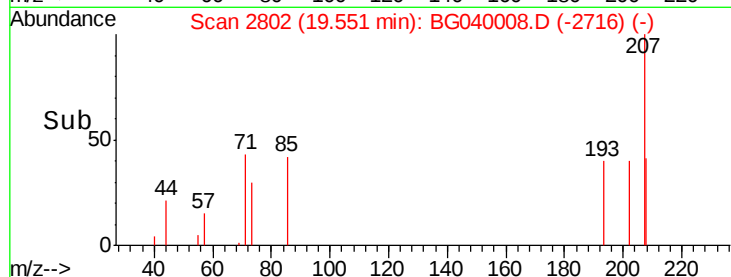
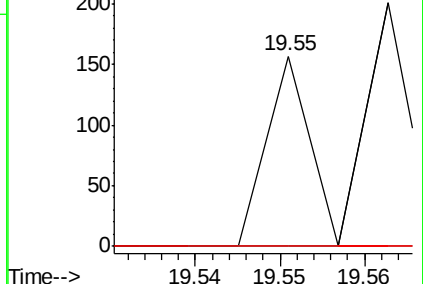
Tgt Ion:	202	Resp:	55
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.0
203	0.0	0.0	38.9



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

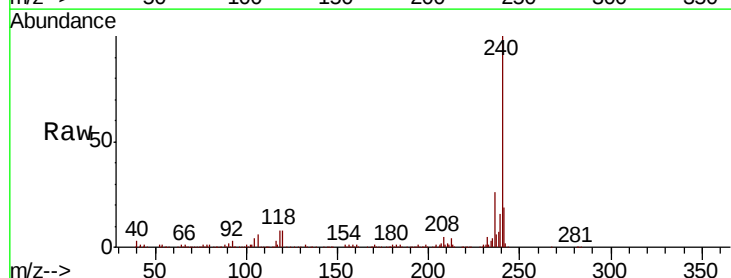
RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

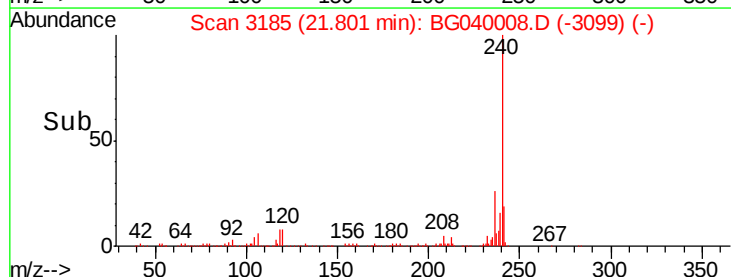
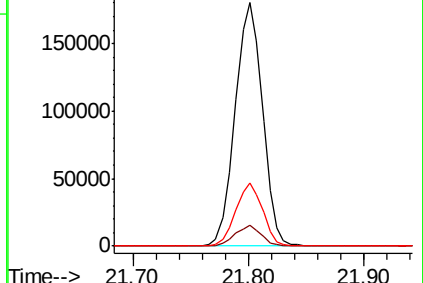
Tgt Ion:	240	Resp:	295472
Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	26.0	21.0	31.4

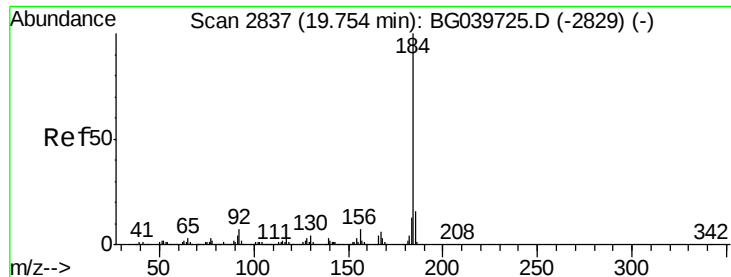


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.829 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.35 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampleId :

TP-2

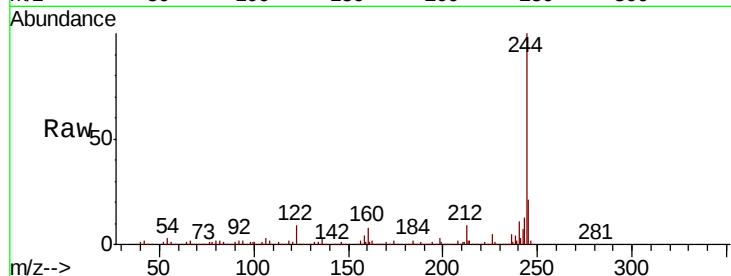
Tgt Ion:184 Resp: 17151

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

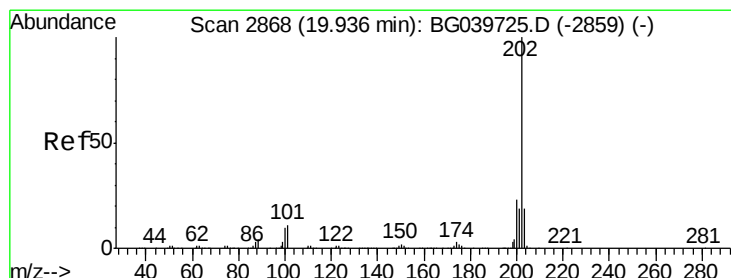
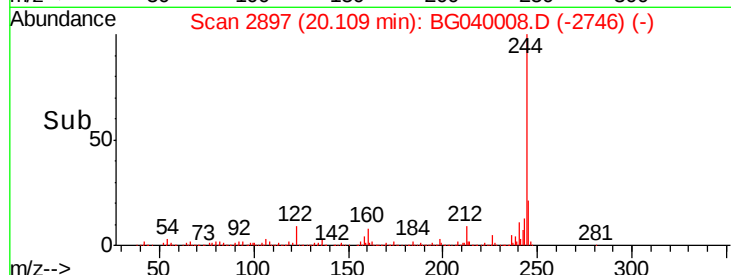
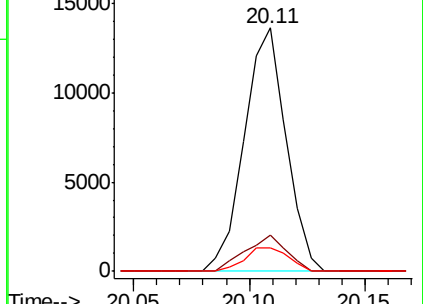
183 9.7 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.009 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

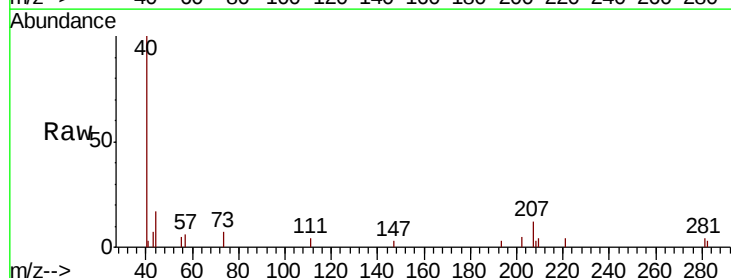
Tgt Ion:202 Resp: 176

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

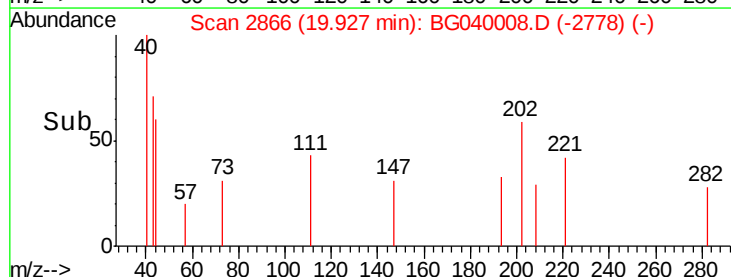
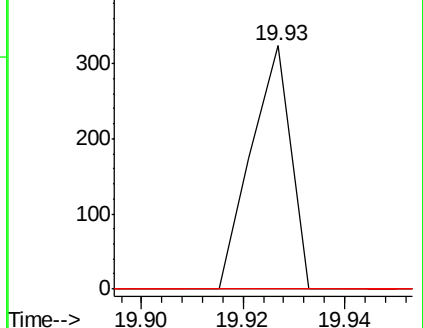
203 0.0 15.3 22.9#

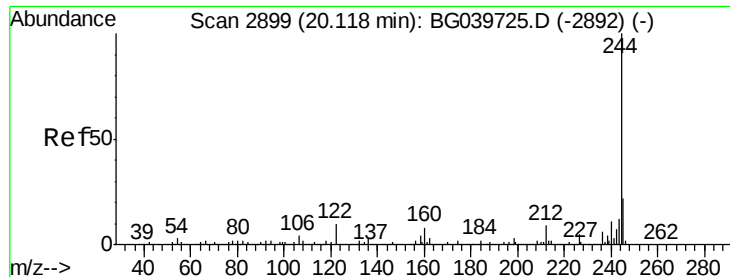


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.007 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampleId :

TP-2

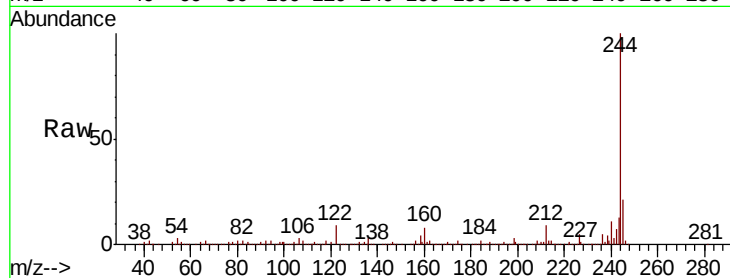
Tgt Ion:244 Resp: 952882

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

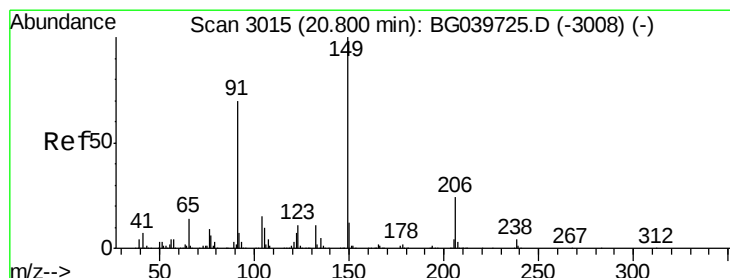
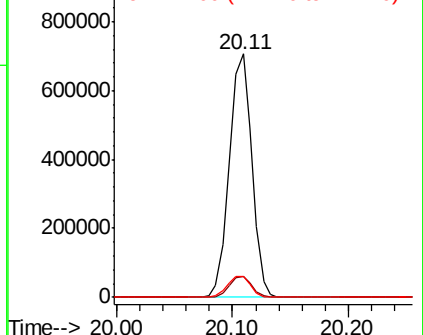
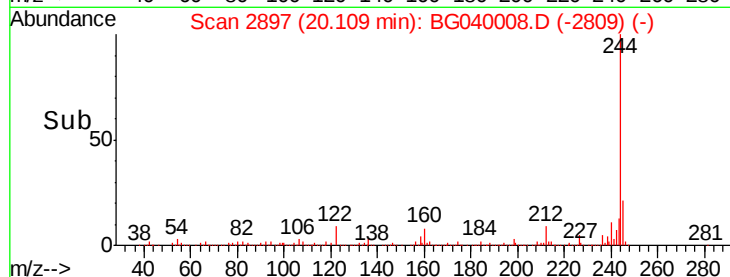
122 8.7 8.4 12.6



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: 0.023 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.12 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

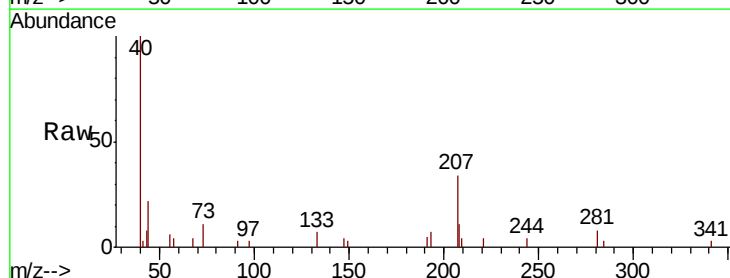
Tgt Ion:149 Resp: 173

Ion Ratio Lower Upper

149 100

91 92.3 59.5 89.3#

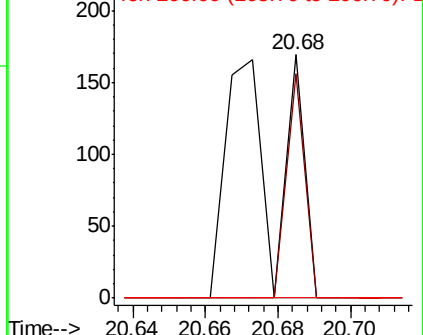
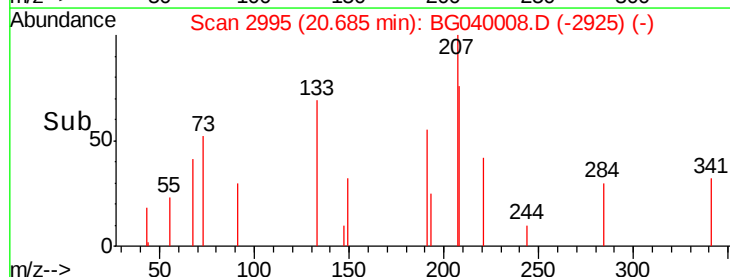
206 0.0 18.6 27.8#

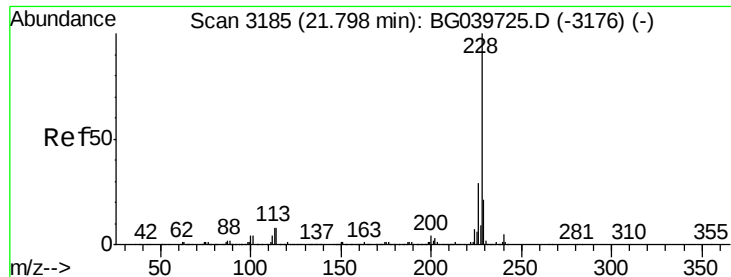


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.049 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampleId :

TP-2

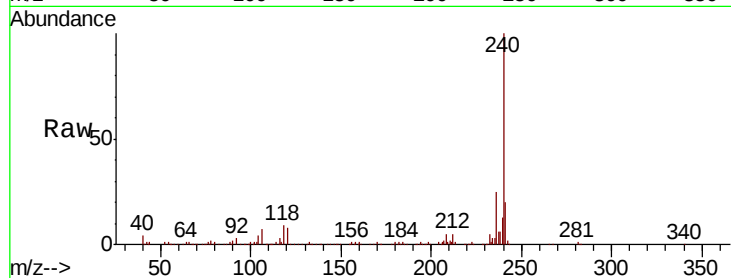
Tgt Ion:228 Resp: 901

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

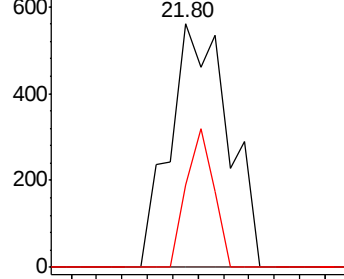
229 33.9 16.9 25.3#



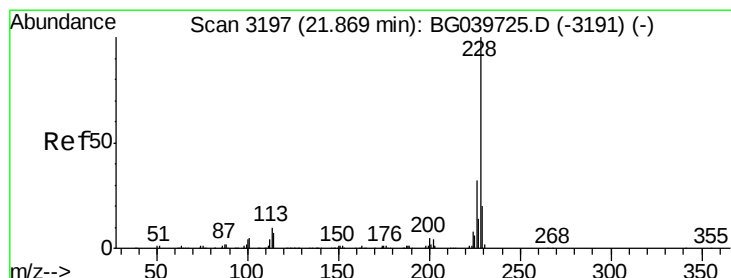
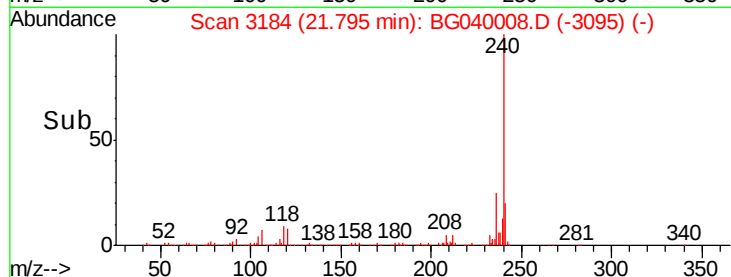
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.75 21.80



#83

Chrysene

Concen: 0.050 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.08 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

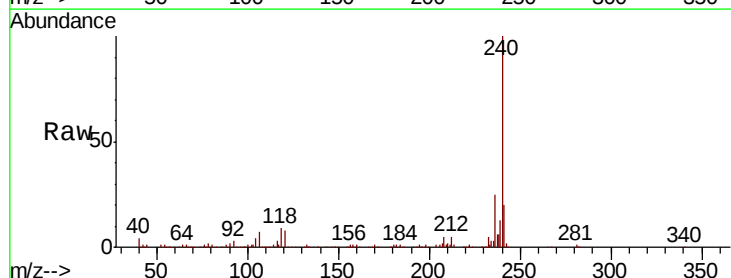
Tgt Ion:228 Resp: 901

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

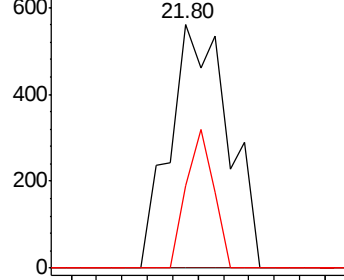
229 33.9 16.6 25.0#



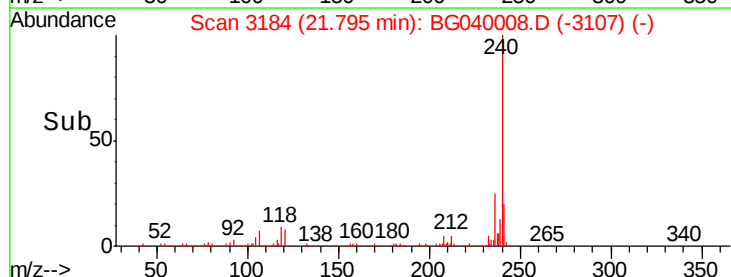
Abundance Ion 228.00 (227.70 to 228.70): E

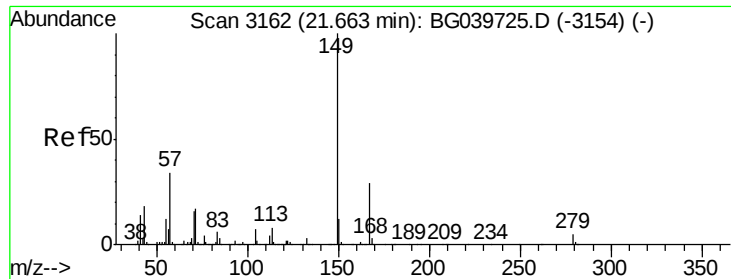
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.75 21.80

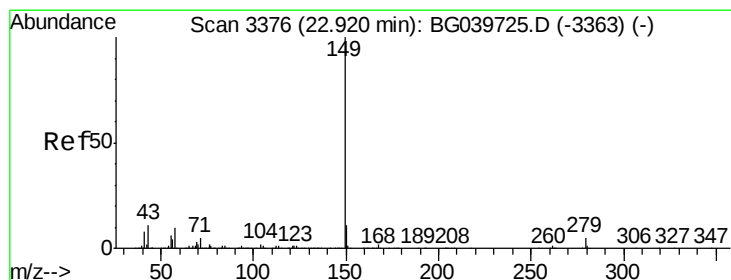
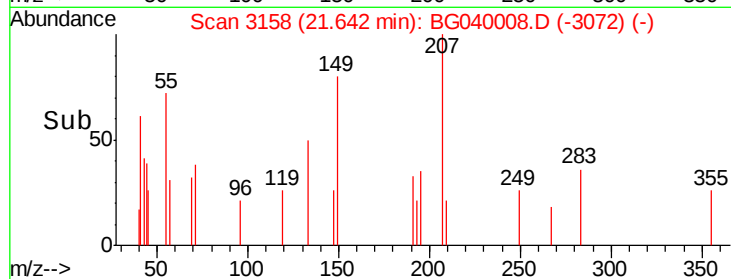
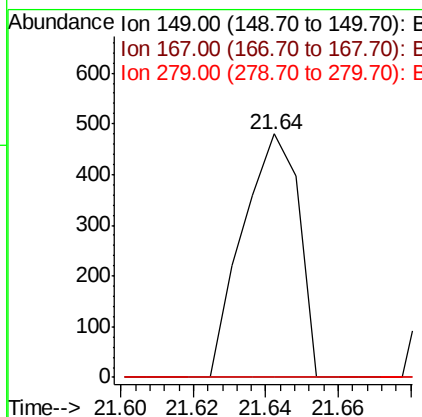
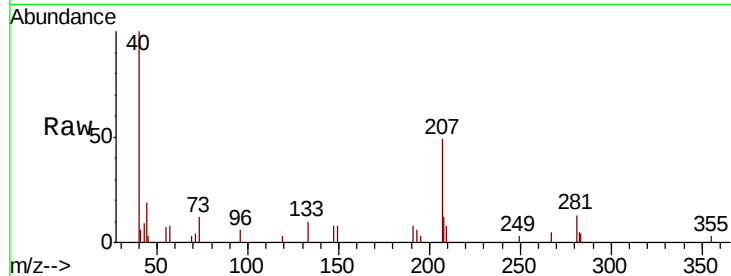




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.03 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

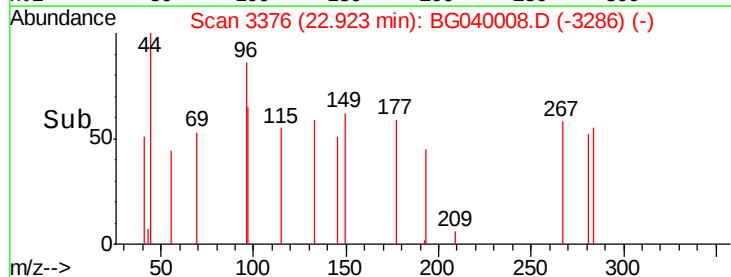
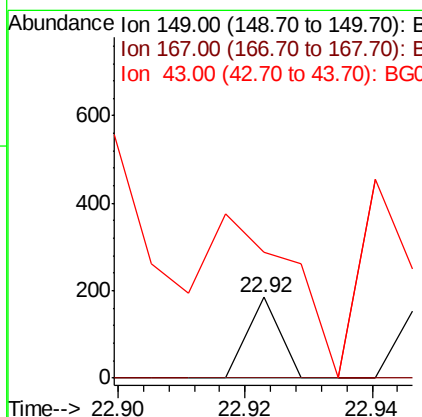
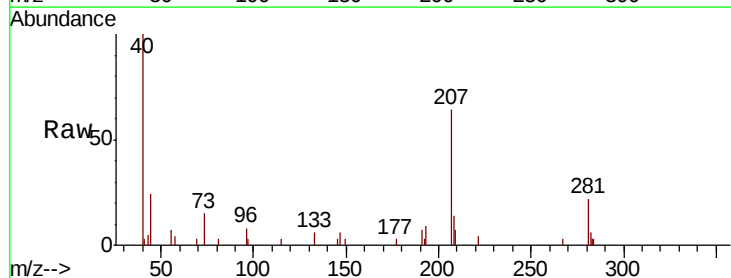
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

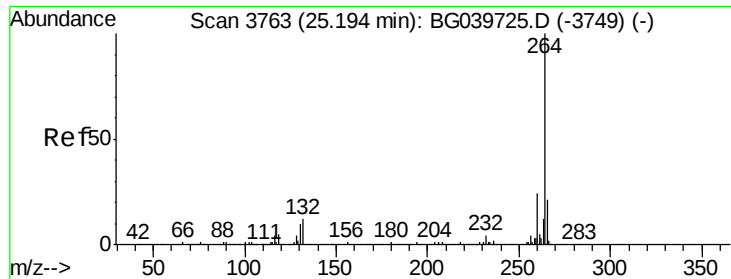
Tgt Ion:149 Resp: 514
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.6 34.0#
 279 0.0 3.5 5.3#



#85
 Di-n-octyl phthalate
 Concen: 0.004 ng
 RT: 22.92 min Scan# 3376
 Delta R.T. -0.00 min
 Lab File: BG040008.D
 Acq: 19 Mar 2019 18:39

Tgt Ion:149 Resp: 65
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 501.5 10.2 15.4#





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampleId :

TP-2

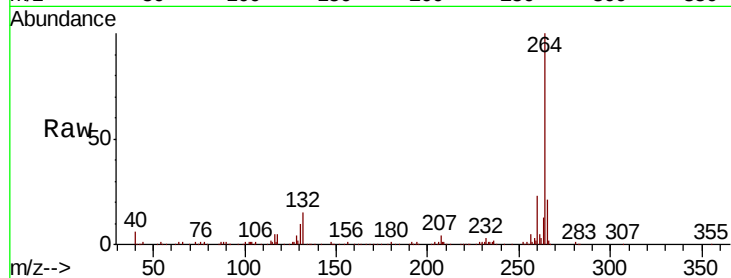
Tgt Ion:264 Resp: 299240

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

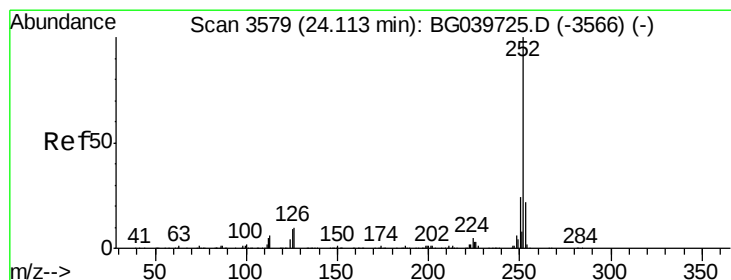
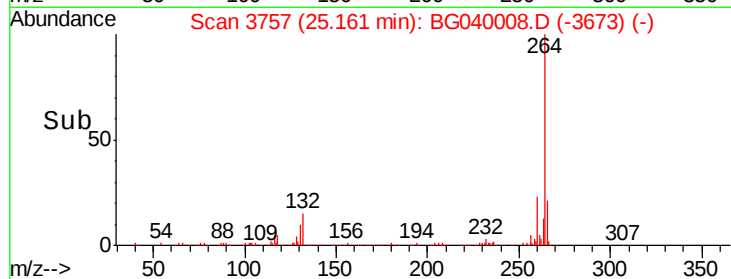
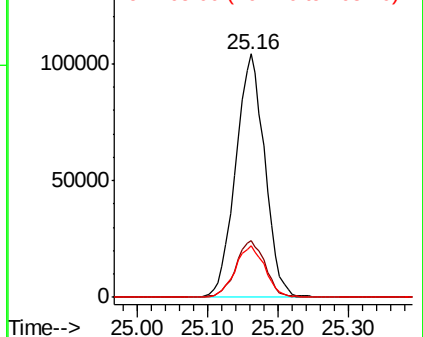
265 21.3 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.03 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

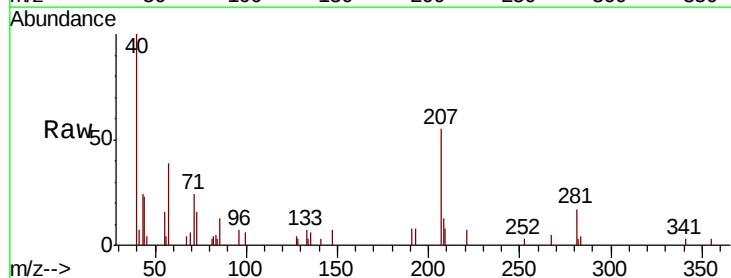
Tgt Ion:252 Resp: 58

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

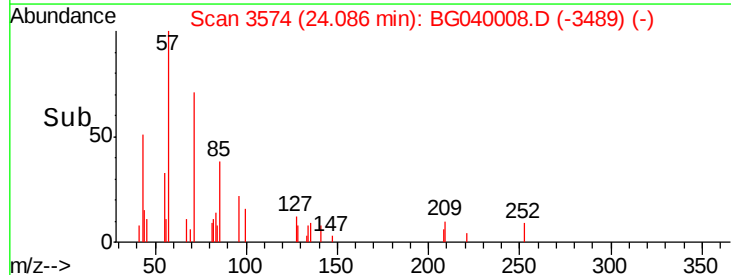
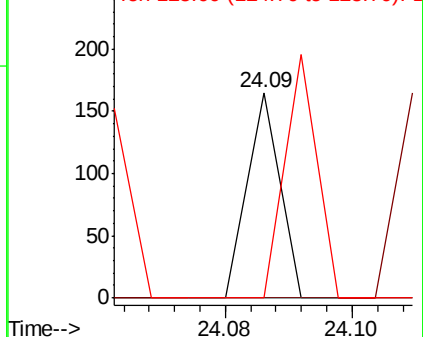
125 0.0 7.8 11.6#

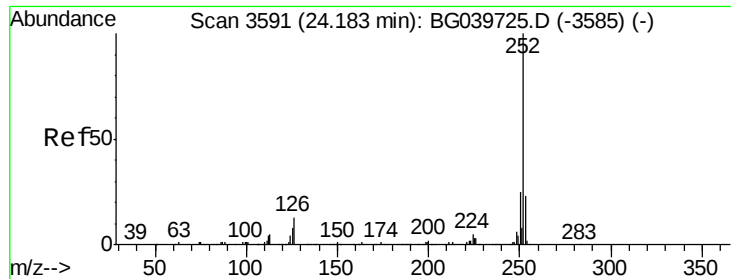


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.10 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

Instrument :

BNA_G

ClientSampled :

TP-2

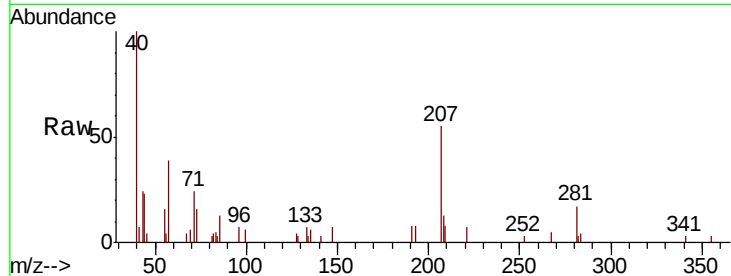
Tgt Ion:252 Resp: 58

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

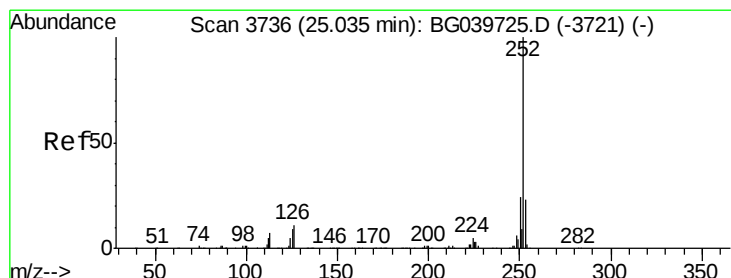
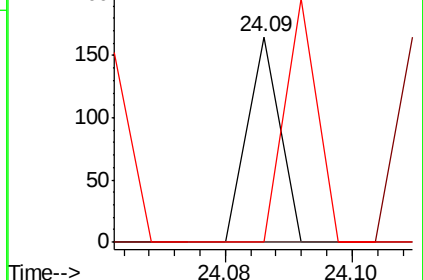
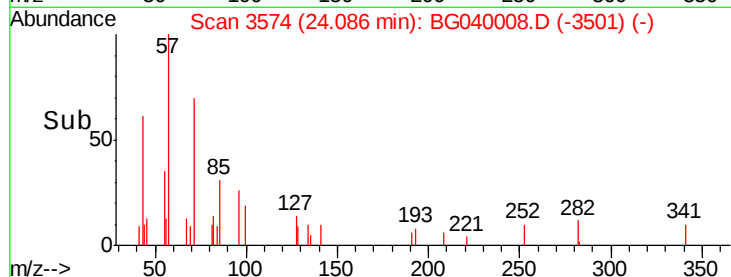
125 0.0 7.4 11.2#



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: 0.077 ng

RT: 25.16 min Scan# 3757

Delta R.T. 0.12 min

Lab File: BG040008.D

Acq: 19 Mar 2019 18:39

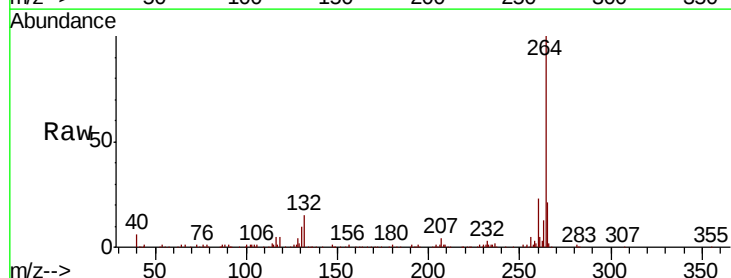
Tgt Ion:252 Resp: 1267

Ion Ratio Lower Upper

252 100

253 40.8 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

