

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040469.D
 Acq On : 12 Apr 2019 20:10
 Operator : JU/SJ
 Sample : PB118855BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:43:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33287	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	128643	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	84041	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	221147	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	226606	20.00	ng	-0.04
87) Perylene-d12	24.97	264	253745	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	234472	117.10	ng	-0.02
7) Phenol-d6	7.20	99	320035	115.65	ng	-0.02
23) Nitrobenzene-d5	9.22	82	189000	78.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	109329	120.37	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	448916	79.15	ng	-0.02
79) Terphenyl-d14	20.02	244	858380	85.22	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	54	0.057	ng	# 1
3) Pyridine	3.66	79	69	0.027	ng	# 1
4) n-Nitrosodimethylamine	3.83	42	375	0.320	ng	# 1
6) Aniline	7.58	93	320	0.089	ng	# 1
8) 2-Chlorophenol	7.52	128	66	0.028	ng	# 32
9) Benzaldehyde	7.20	77	513	0.270	ng	# 2
10) Phenol	7.58	94	694	0.231	ng	# 1
11) bis(2-Chloroethyl)ether	7.58	93	320	0.133	ng	# 1
12) 1,3-Dichlorobenzene	8.37	146	54	0.021	ng	# 1
13) 1,4-Dichlorobenzene	8.37	146	54	0.021	ng	# 1
14) 1,2-Dichlorobenzene	8.37	146	54	0.022	ng	# 1
15) Benzyl Alcohol	8.37	79	3085	1.384	ng	# 58
16) 2,2'-oxybis(1-Chloropropan	8.29	45	53	0.011	ng	# 73
19) n-Nitroso-di-n-propylamine	9.22	70	23127	11.656	ng	# 75
24) Nitrobenzene	9.26	77	135	0.054	ng	# 38
25) Isophorone	9.44	82	384	0.077	ng	# 67
31) Naphthalene	10.87	128	60	0.009	ng	# 68
36) 4-Chloro-3-methylphenol	11.72	107	56	0.024	ng	# 20
46) 1,1'-Biophenyl	13.51	154	416	0.063	ng	# 41
48) 2-Nitroaniline	13.30	65	757	0.441	ng	# 26
51) 2,6-Dinitrotoluene	14.68	165	10647	7.209	ng	# 29
52) Acenaphthene	14.69	154	153	0.031	ng	# 3
57) 2,4-Dinitrotoluene	14.68	165	10647	5.188	ng	# 29
58) Fluorene	16.17	166	5063	0.810	ng	# 93
63) Azobenzene	16.16	77	463	0.073	ng	# 2
65) 4,6-Dinitro-2-methylphenol	16.16	198	242	0.195	ng	# 85
66) n-Nitrosodiphenylamine	16.16	169	4188	0.647	ng	# 51
67) 4-Bromophenyl-phenylether	16.17	248	8276	3.325	ng	# 1
69) Atrazine	17.09	200	54	0.022	ng	# 34
74) Di-n-butylphthalate	18.38	149	121	0.009	ng	# 77
77) Benzidine	20.02	184	13135	1.605	ng	# 92
78) Pvrene	20.01	202	3077	0.206	ng	# 66
80) Butylbenzylphthalate	20.68	149	65	0.010	ng	# 23
81) Benzo(a)anthracene	21.69	228	548	0.039	ng	# 48

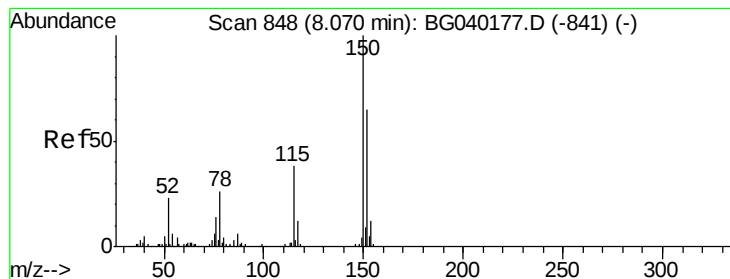
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
Data File : BG040469.D
Acq On : 12 Apr 2019 20:10
Operator : JU/SJ
Sample : PB118855BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 12 22:43:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.69	228	548	0.041	nq	# 47
84) Bis(2-ethylhexyl)phthalate	21.55	149	235	0.026	nq	# 50
85) Di-n-octyl phthalate	22.78	149	81	0.005	nq	# 1
86) Indeno(1,2,3-cd)pyrene	29.22	276	68	0.004	nq	# 50
88) Benzo(b)fluoranthene	24.23	252	57	0.004	nq	# 60
89) Benzo(k)fluoranthene	24.23	252	57	0.004	nq	# 59
90) Benzo(a)pyrene	24.83	252	57	0.004	nq	# 1
91) Dibenzo(a,h)anthracene	29.09	278	65	0.005	nq	# 57

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

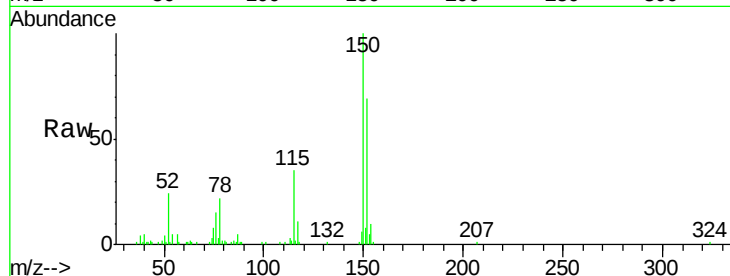


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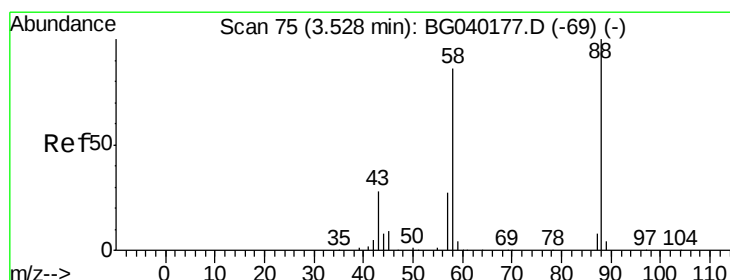
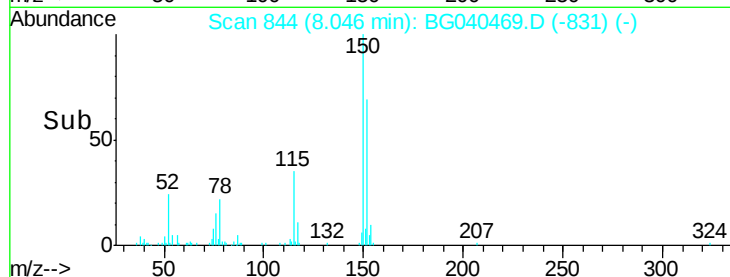
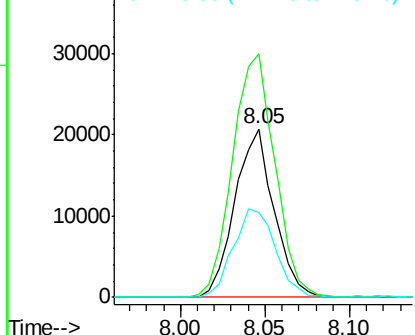
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33287
Ion Ratio Lower Upper
152 100
150 144.8 123.7 185.5
115 50.4 46.9 70.3



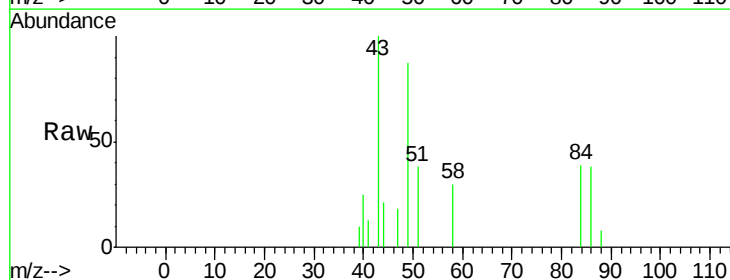
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



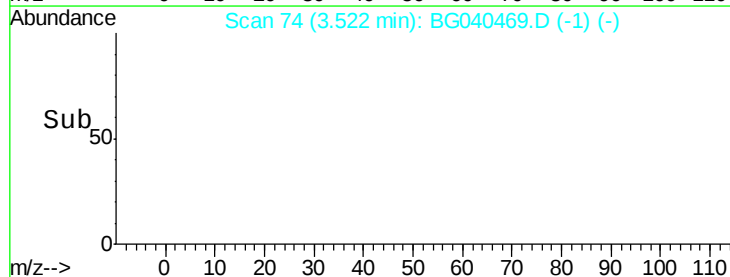
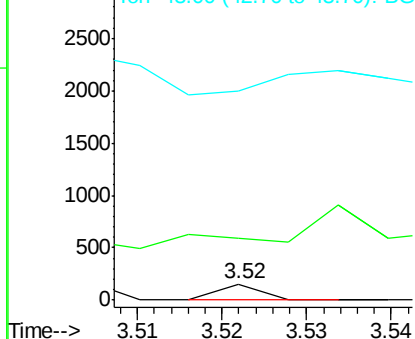
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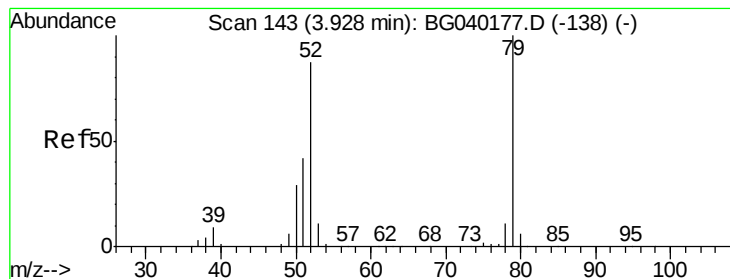
1,4-Dioxane
Concen: 0.057 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
58 185.2 70.6 106.0#
43 1190.7 24.8 37.2#



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

Pvridine

Concen: 0.027 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.27 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

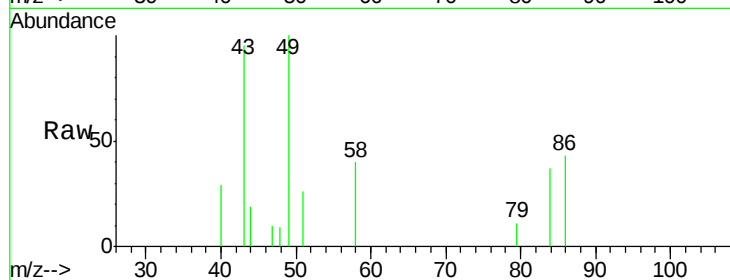
Tot Ion: 79 Resp: 69

Ion Ratio Lower Upper

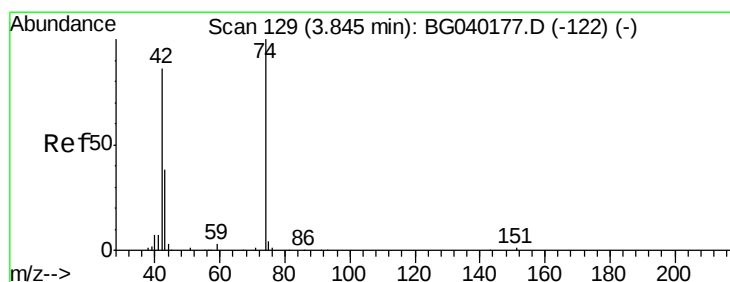
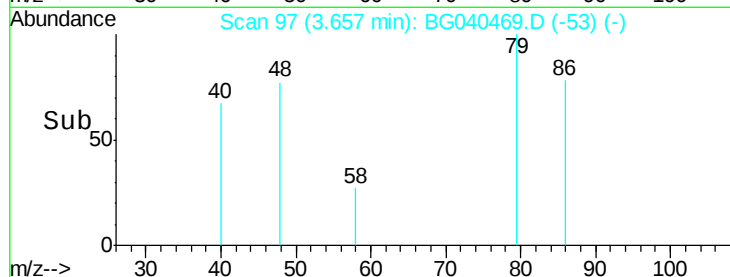
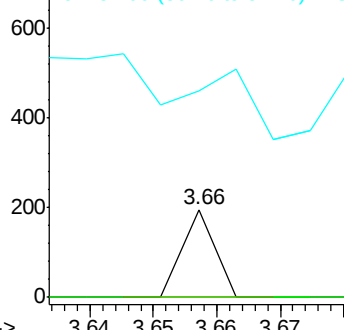
79 100

52 0.0 69.8 104.8#

51 234.7 33.9 50.9#



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: 0.320 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

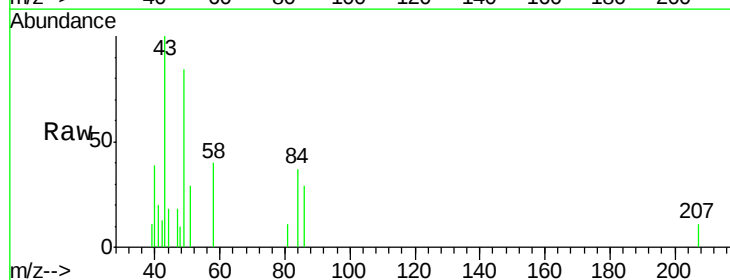
Tgt Ion: 42 Resp: 375

Ion Ratio Lower Upper

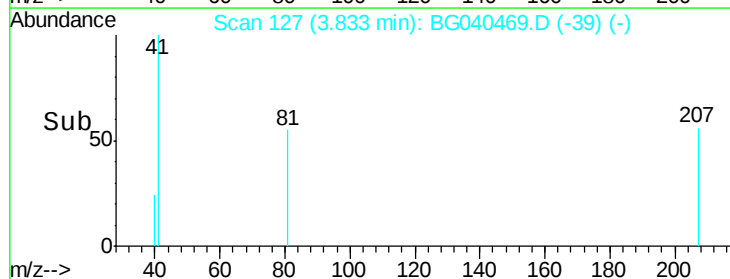
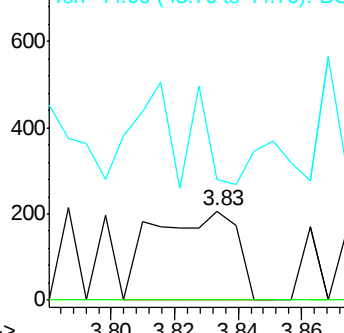
42 100

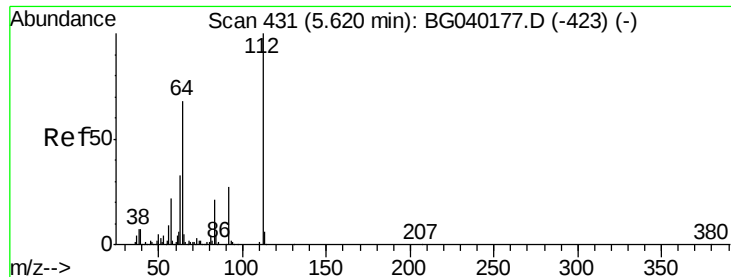
74 0.0 92.9 139.3#

44 135.4 9.7 14.5#



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: 117.099 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

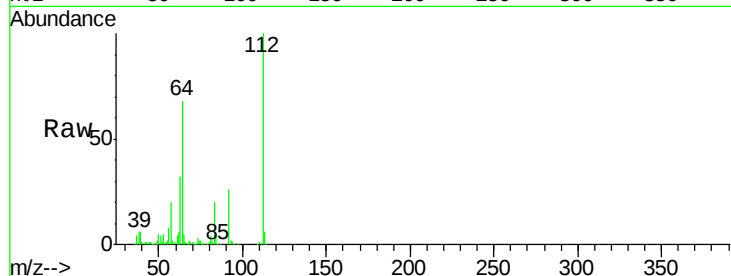
Tot Ion:112 Resp: 234472

Ion Ratio Lower Upper

112 100

64 67.6 54.2 81.2

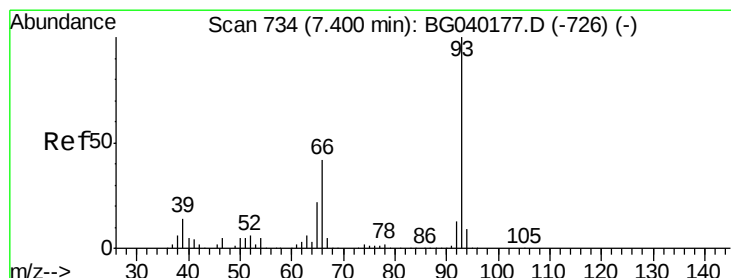
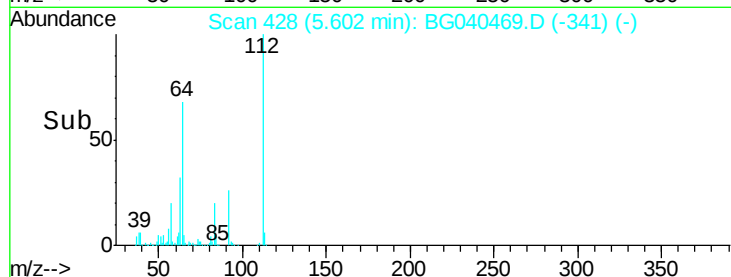
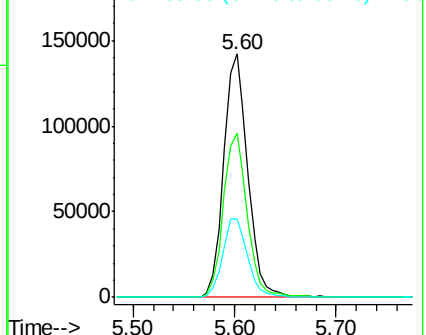
63 32.0 26.4 39.6



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: 0.089 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.18 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

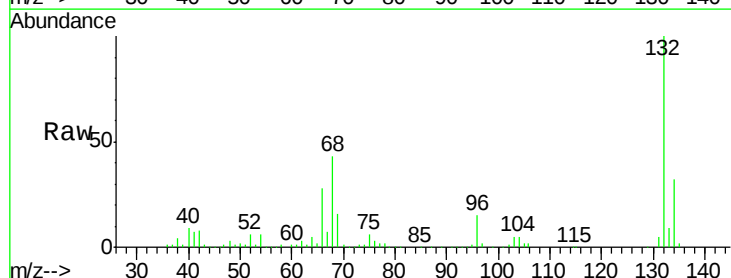
Tgt Ion: 93 Resp: 320

Ion Ratio Lower Upper

93 100

66 14074.6 33.6 50.4#

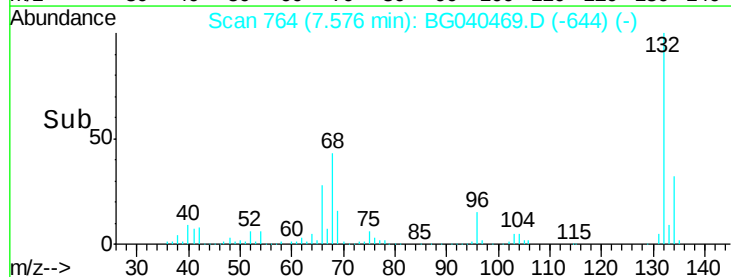
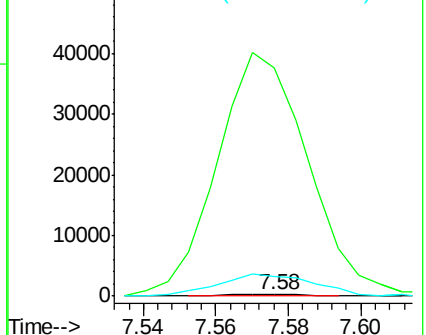
65 1238.8 17.4 26.2#

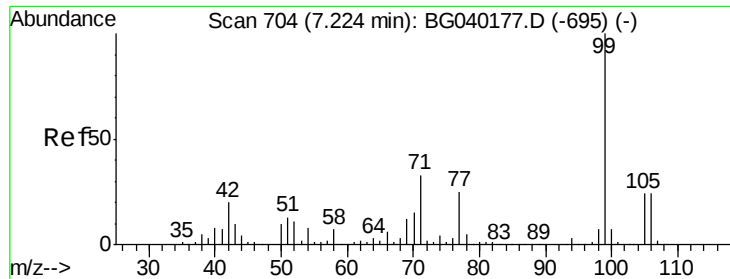


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.651 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampled :

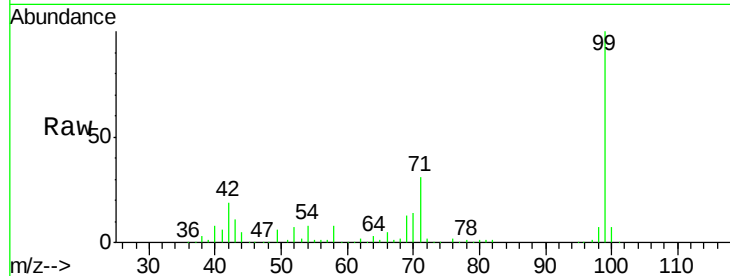
Tot Ion: 99 Resp: 320035

Ion Ratio Lower Upper

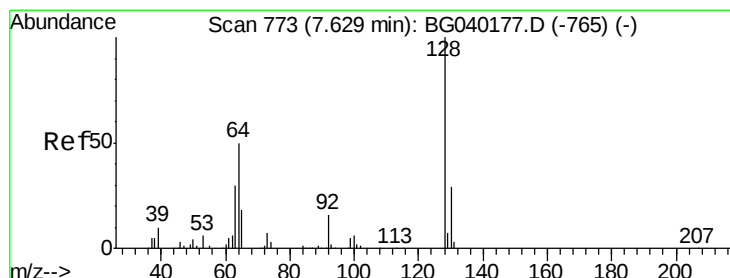
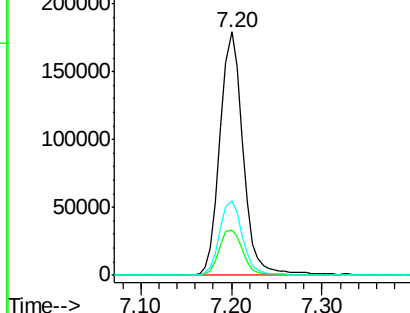
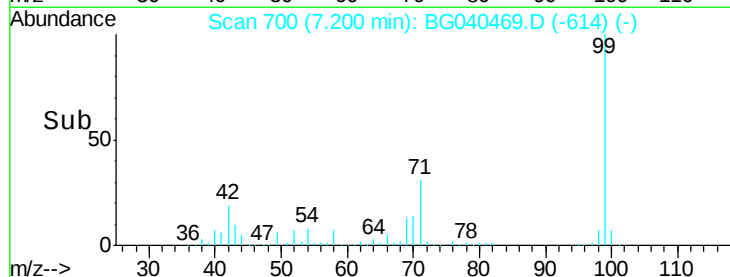
99 100

42 18.8 16.2 24.2

71 30.6 26.8 40.2



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: 7.52 min Scan# 754

Delta R.T. -0.11 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

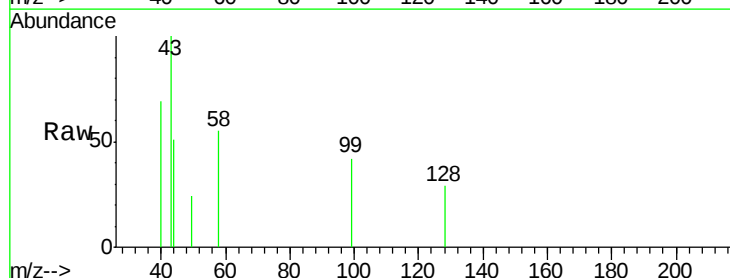
Tgt Ion: 128 Resp: 66

Ion Ratio Lower Upper

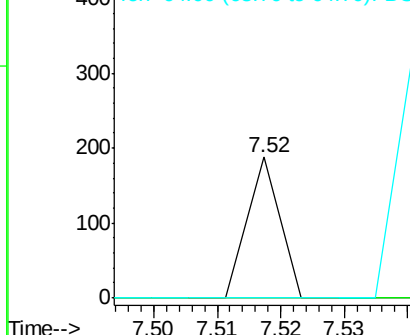
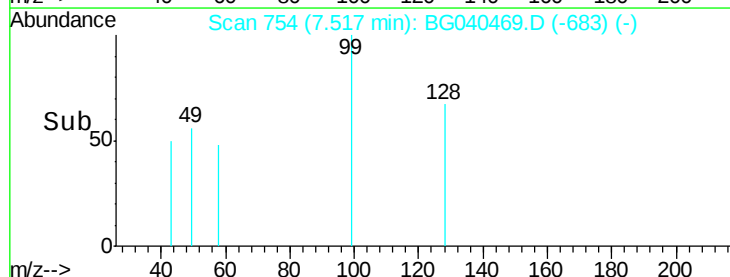
128 100

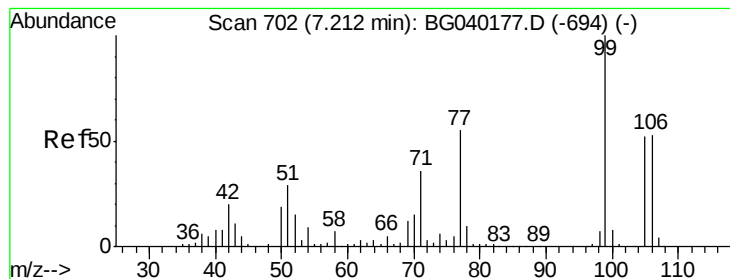
130 0.0 9.1 49.1#

64 0.0 33.1 73.1#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyd

Concen: 0.270 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

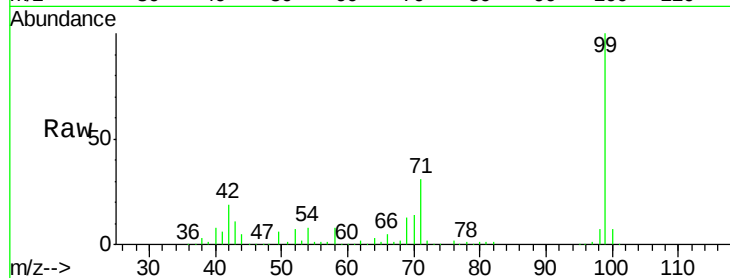
Tot Ion: 77 Resp: 513

Ion Ratio Lower Upper

77 100

105 0.0 75.0 115.0#

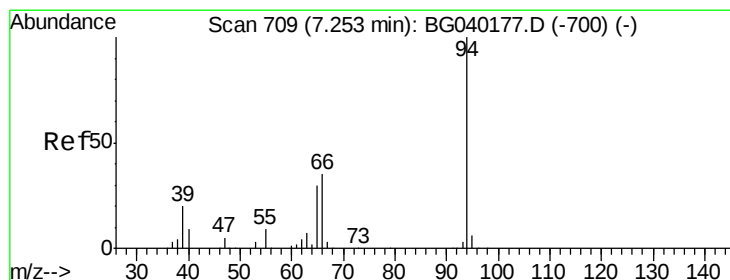
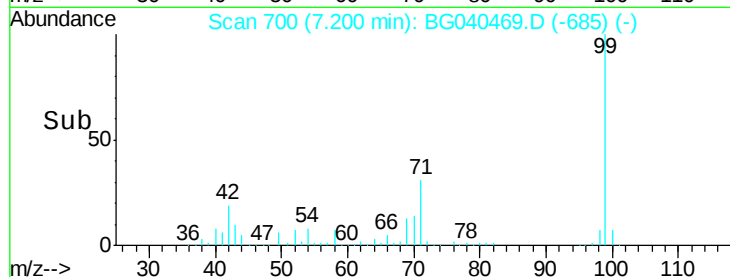
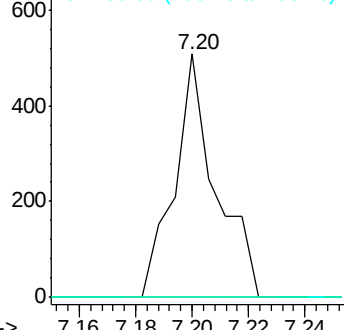
106 0.0 75.7 115.7#



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: 0.231 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.32 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

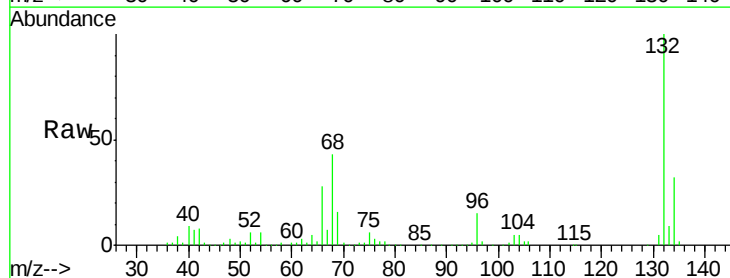
Tgt Ion: 94 Resp: 694

Ion Ratio Lower Upper

94 100

65 502.3 10.5 50.5#

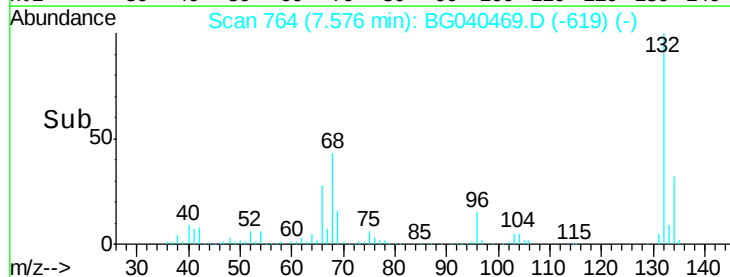
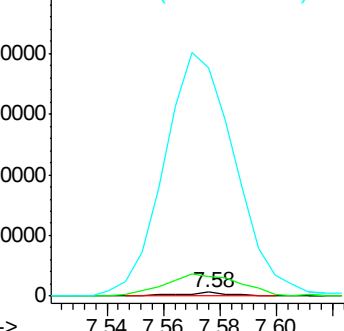
66 5706.5 16.9 56.9#

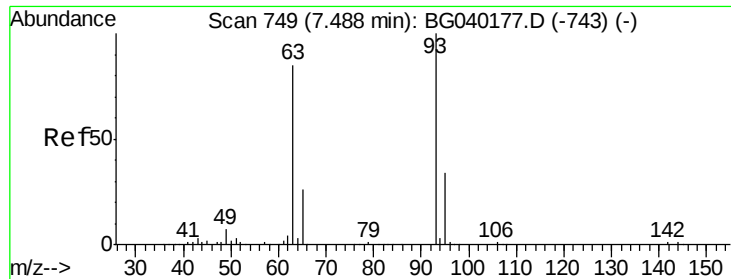


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

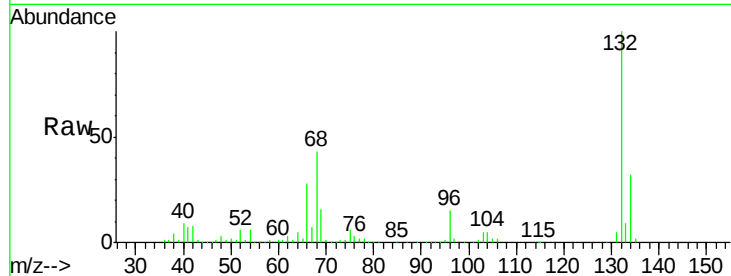




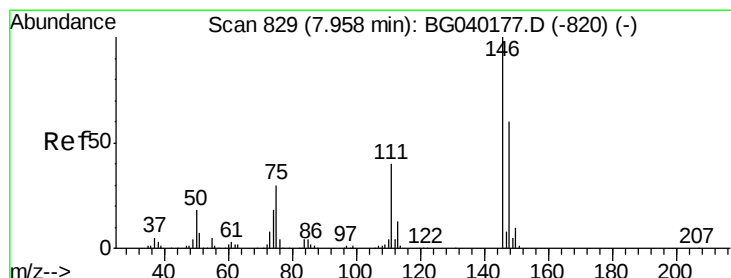
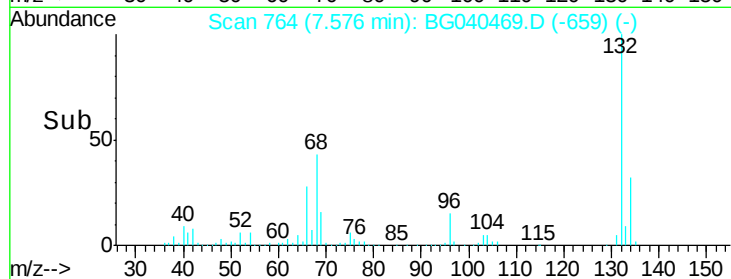
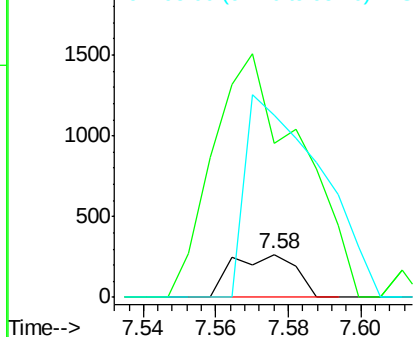
#11
 bis(2-Chloroethyl)ether
 Concen: 0.133 ng
 RT: 7.58 min Scan# 764
 Delta R.T. 0.09 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 320
 Ion Ratio Lower Upper
 93 100
 63 356.7 64.2 104.2#
 95 420.5 14.0 54.0#

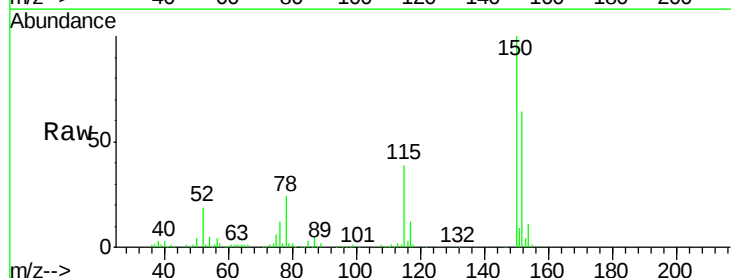


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

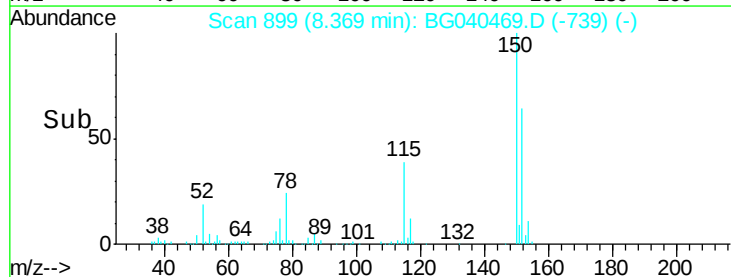
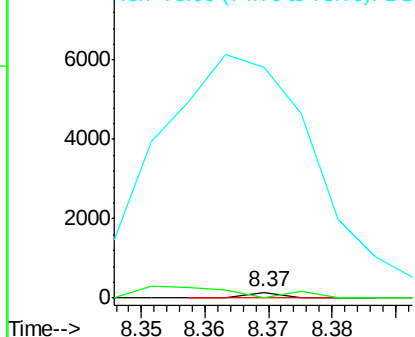


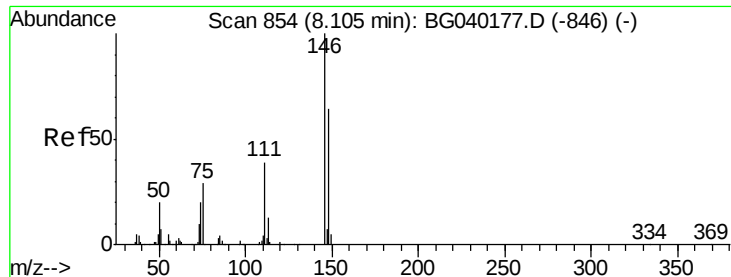
#12
 1,3-Dichlorobenzene
 Concen: 0.021 ng
 RT: 8.37 min Scan# 899
 Delta R.T. 0.41 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Tgt Ion: 146 Resp: 54
 Ion Ratio Lower Upper
 146 100
 148 0.0 48.2 72.2#
 75 3770.8 24.1 36.1#



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





#13

1,4-Dichlorobenzene

Concen: 0.021 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.26 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampled :

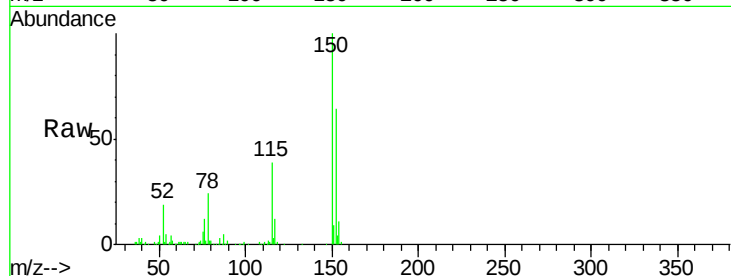
Tot Ion:146 Resp: 54

Ion Ratio Lower Upper

146 100

148 0.0 51.0 76.4#

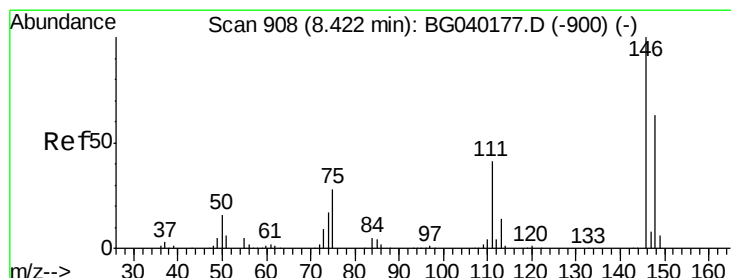
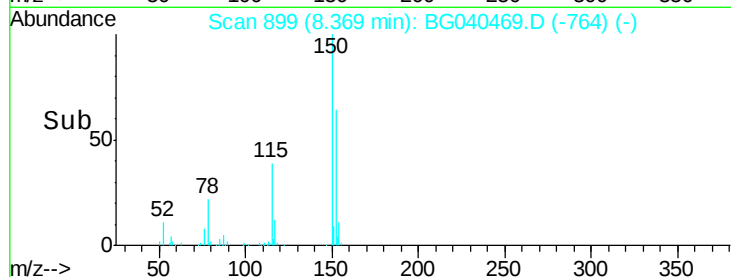
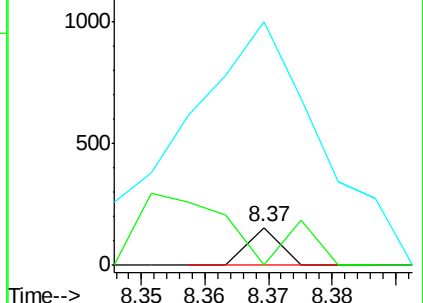
111 648.1 31.8 47.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.022 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.05 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

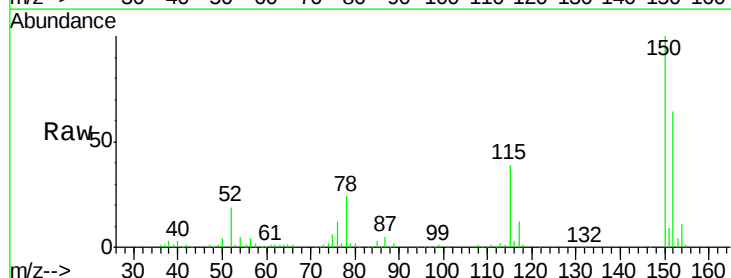
Tgt Ion:146 Resp: 54

Ion Ratio Lower Upper

146 100

148 0.0 50.8 76.2#

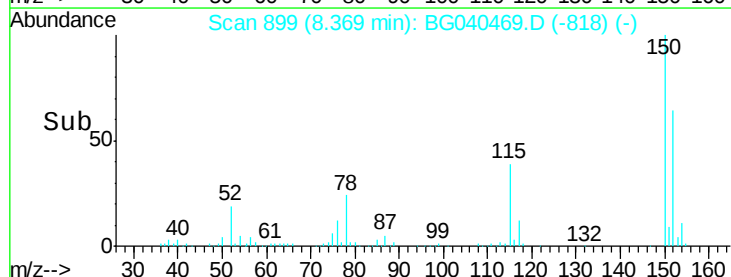
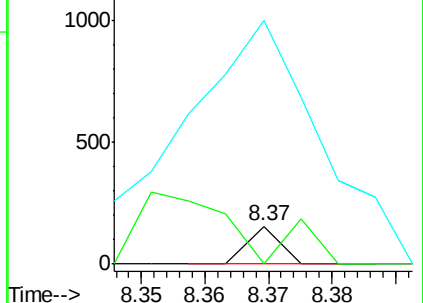
111 648.1 33.4 50.0#

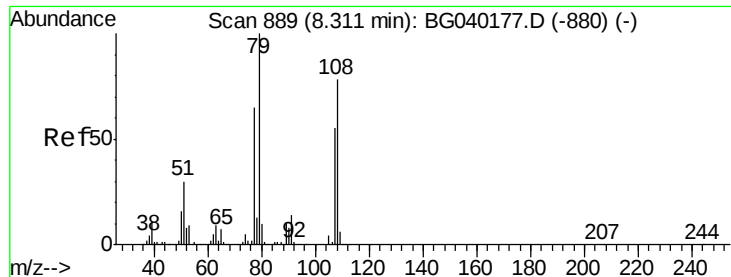


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.384 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.06 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

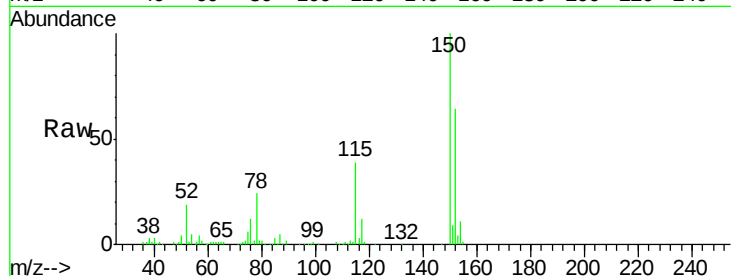
Tot Ion: 79 Resp: 3085

Ion Ratio Lower Upper

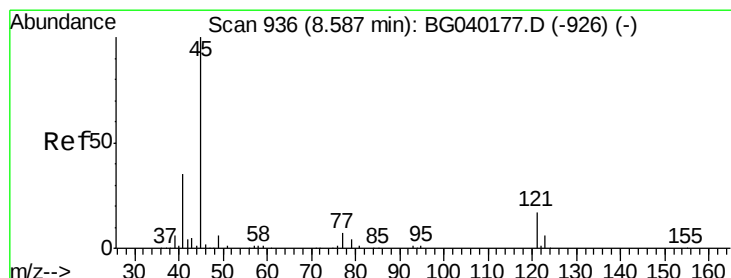
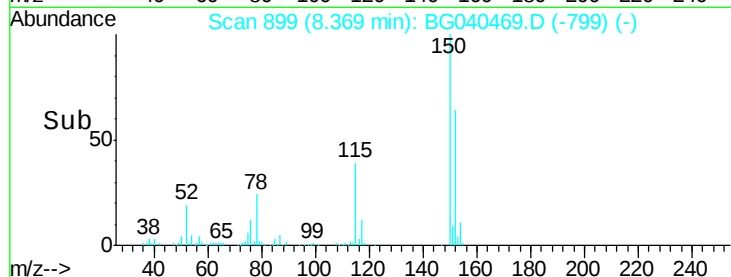
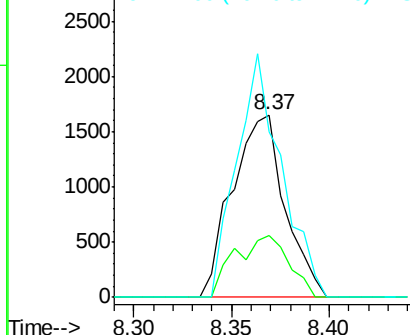
79 100

108 33.9 62.1 93.1#

77 90.8 51.9 77.9#



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: 0.011 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.30 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

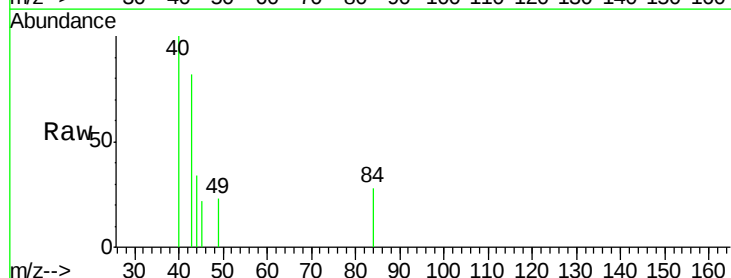
Tgt Ion: 45 Resp: 53

Ion Ratio Lower Upper

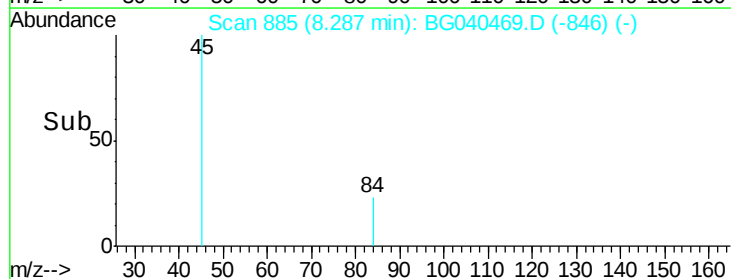
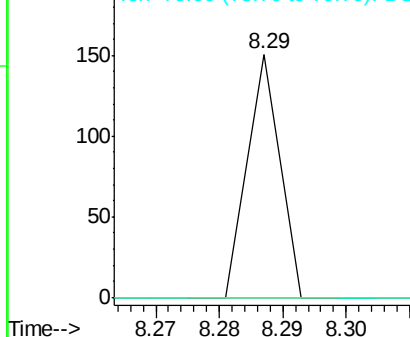
45 100

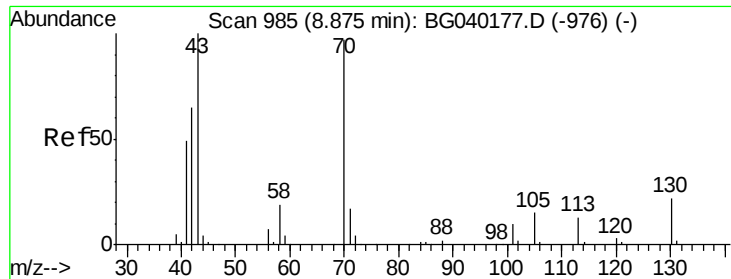
77 0.0 0.0 31.4

79 0.0 0.0 28.3



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

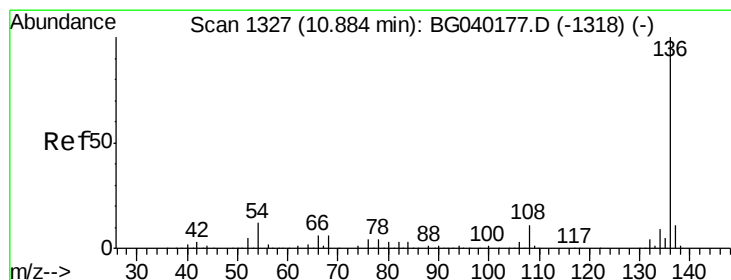
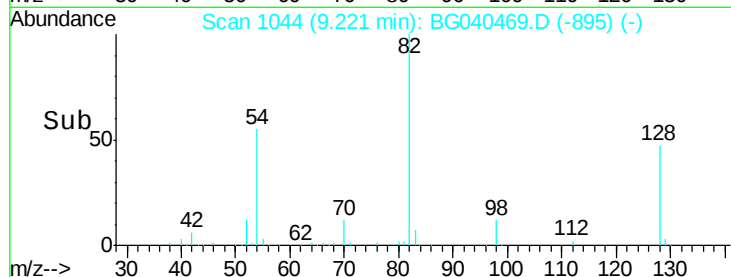
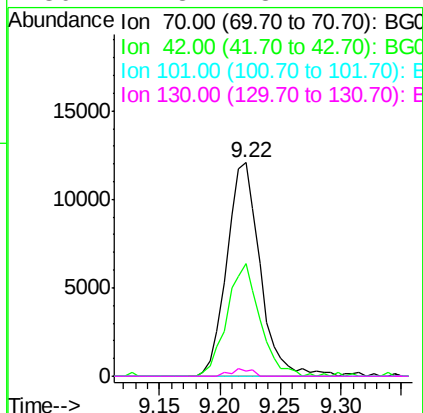
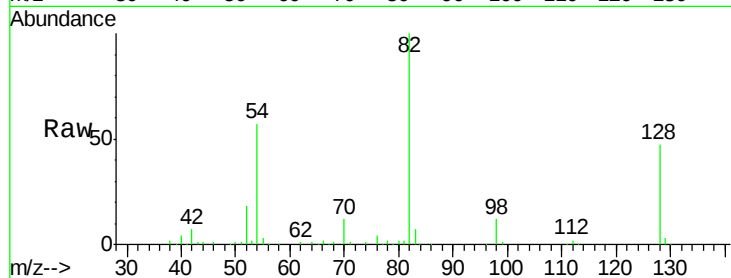




#19
n-Nitroso-di-n-propylamine
Concen: 11.656 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.35 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

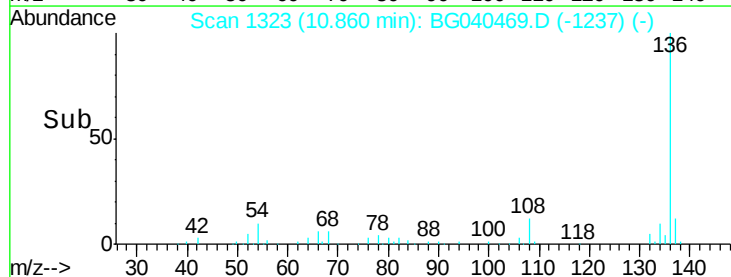
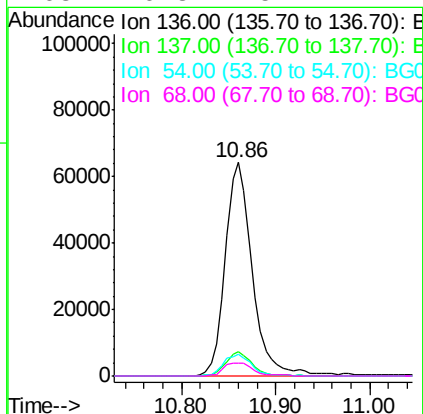
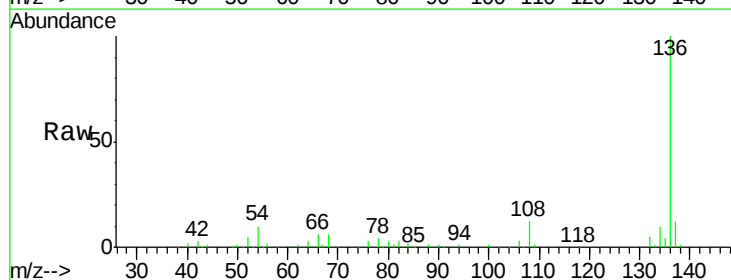
Instrument :
BNA_G
ClientSampleId :

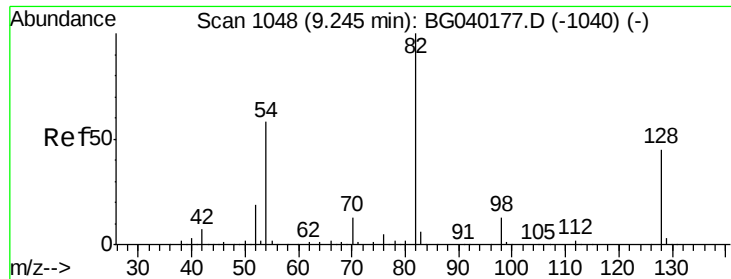
Tot Ion: 70 Resp: 23127
Ion Ratio Lower Upper
70 100
42 52.9 54.0 81.0#
101 0.0 8.6 13.0#
130 2.3 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

Tgt Ion: 136 Resp: 128643
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 10.1 9.6 14.4
68 6.3 5.1 7.7

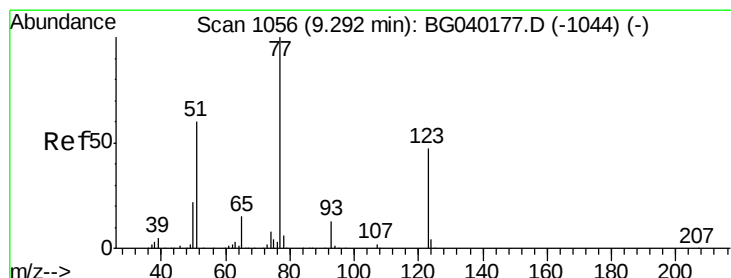
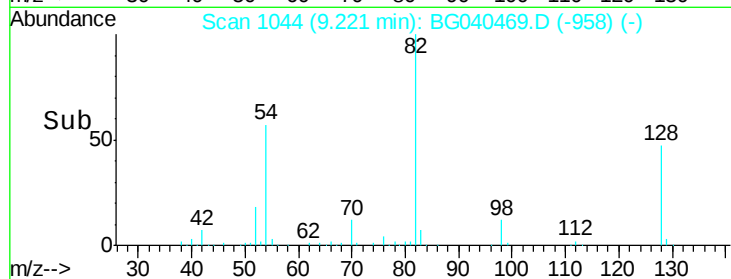
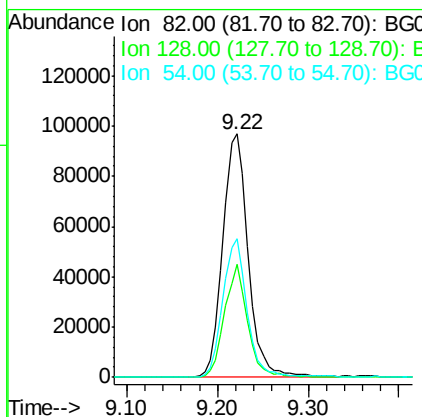
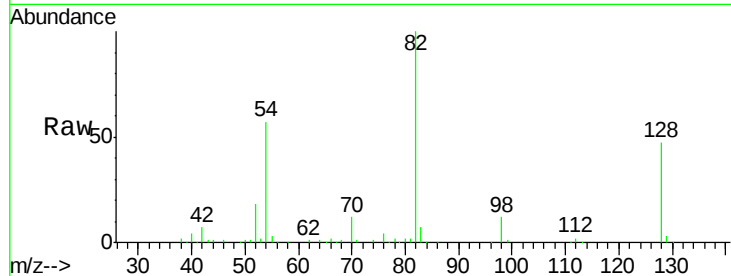




#23
 Nitrobenzene-d5
 Concen: 78.092 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

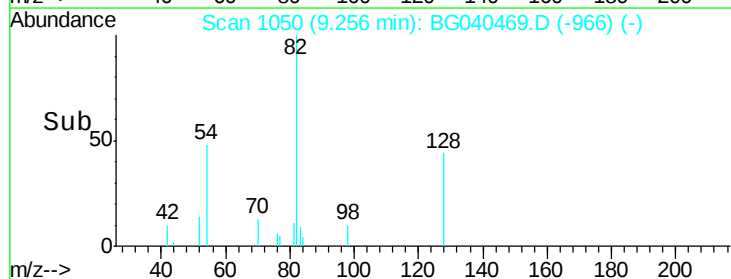
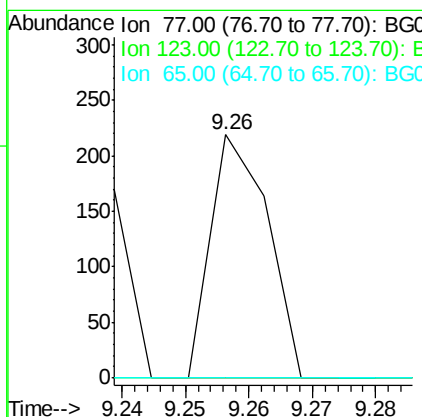
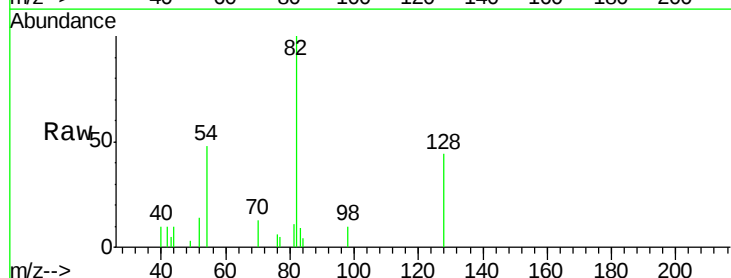
Instrument :
 BNA_G
 ClientSampleID :

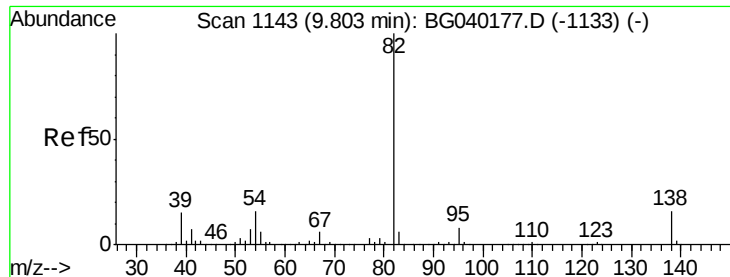
Tot Ion: 82 Resp: 189000
 Ion Ratio Lower Upper
 82 100
 128 46.6 35.8 53.8
 54 57.1 46.2 69.2



#24
 Nitrobenzene
 Concen: 0.054 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.04 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Tgt Ion: 77 Resp: 135
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.8 56.6#
 65 0.0 12.0 18.0#





#25

Isophorone

Concen: 0.077 ng

RT: 9.44 min Scan# 1081

Delta R.T. -0.36 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

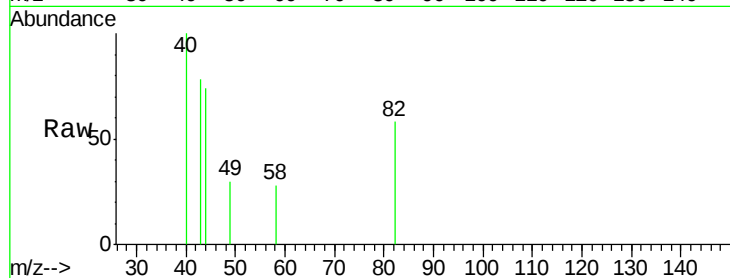
Tot Ion: 82 Resp: 384

Ion Ratio Lower Upper

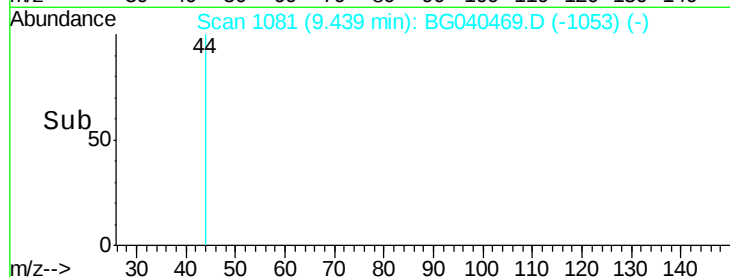
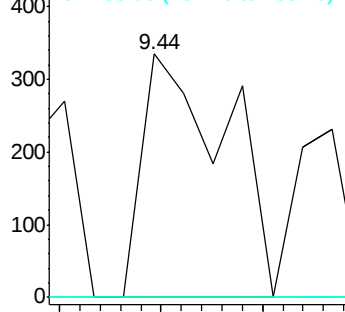
82 100

95 0.0 6.1 9.1#

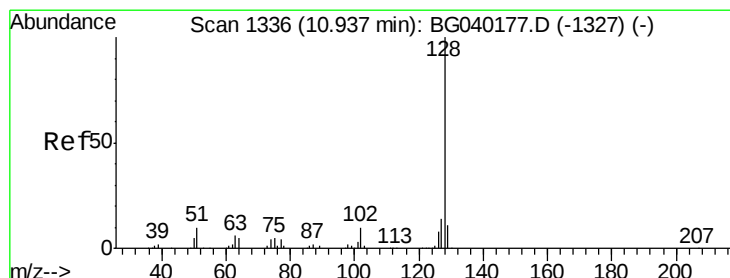
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#31

Naphthalene

Concen: 0.009 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

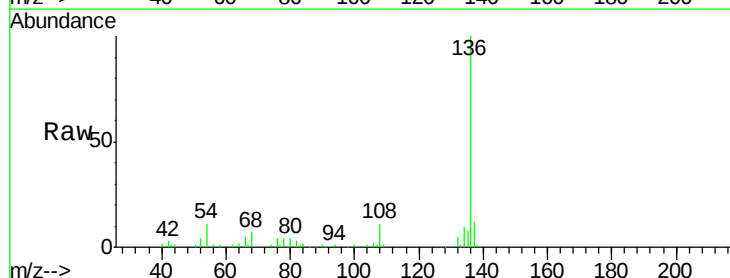
Tgt Ion: 128 Resp: 60

Ion Ratio Lower Upper

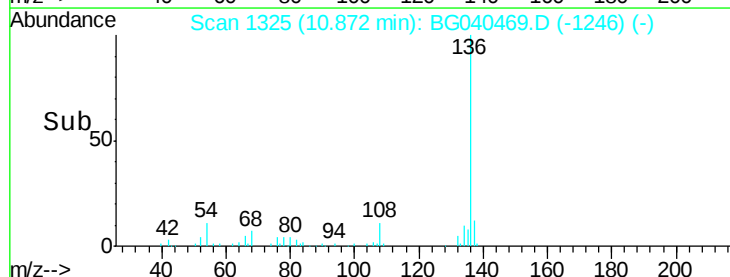
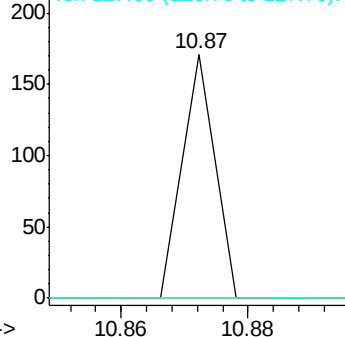
128 100

129 0.0 8.9 13.3#

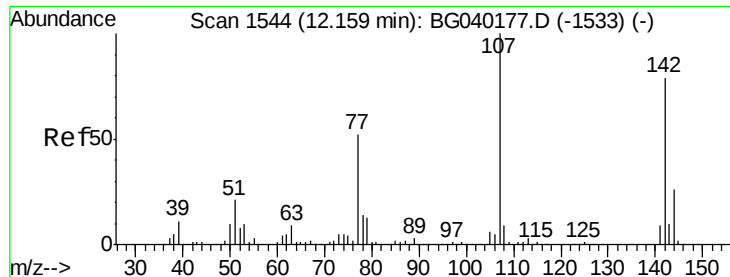
127 0.0 11.4 17.0#



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



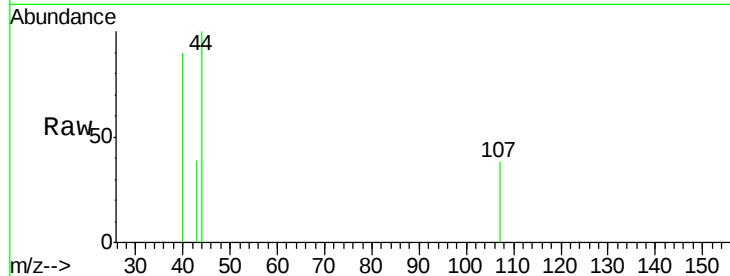
Time-->



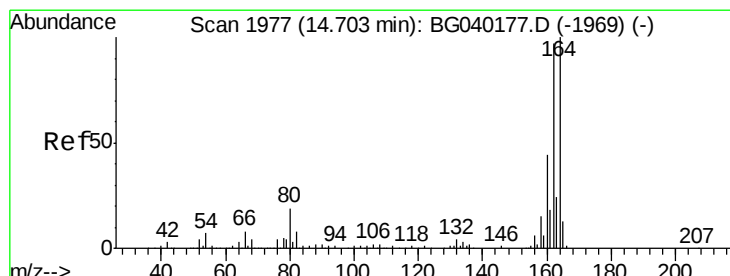
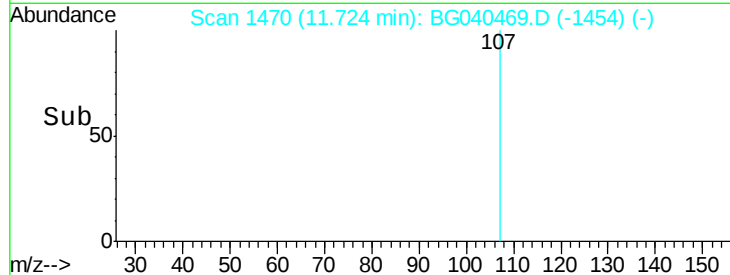
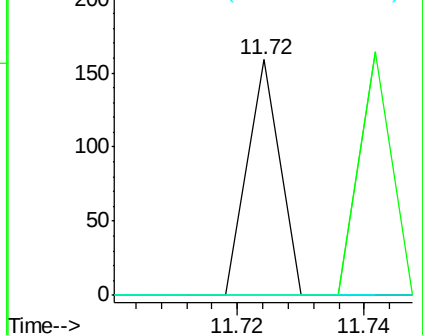
#36
 4-Chloro-3-methylphenol
 Concen: 0.024 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.44 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:107 Resp: 56
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 0.0 63.1 94.7#

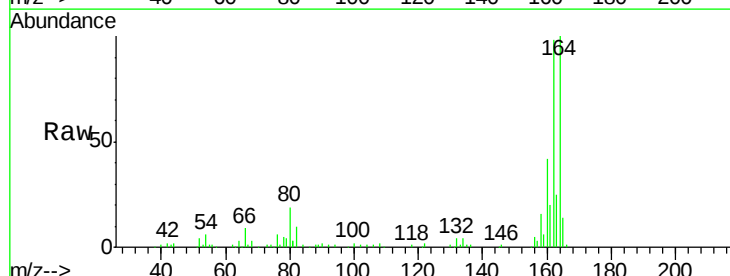


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

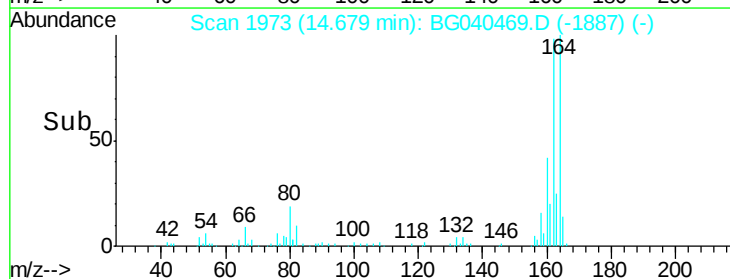
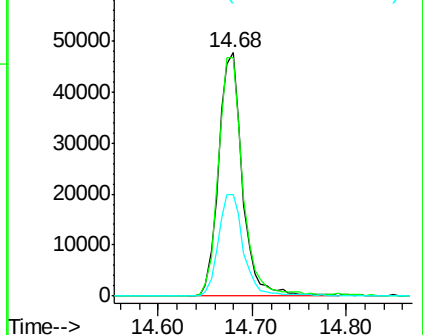


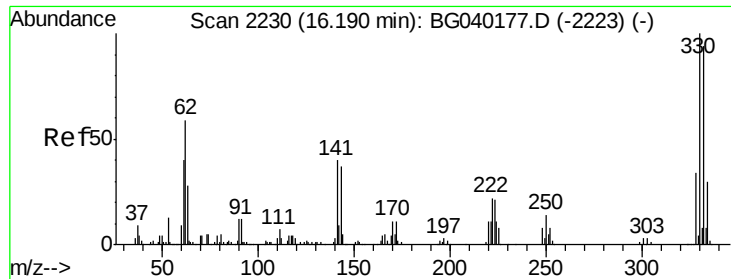
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Tgt Ion:164 Resp: 84041
 Ion Ratio Lower Upper
 164 100
 162 97.8 77.4 116.2
 160 41.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

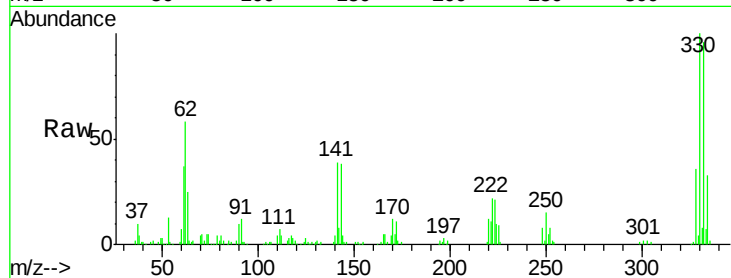




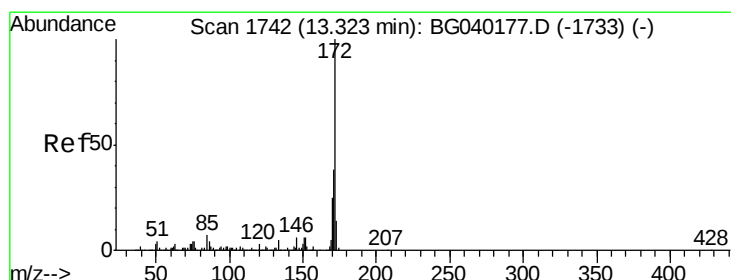
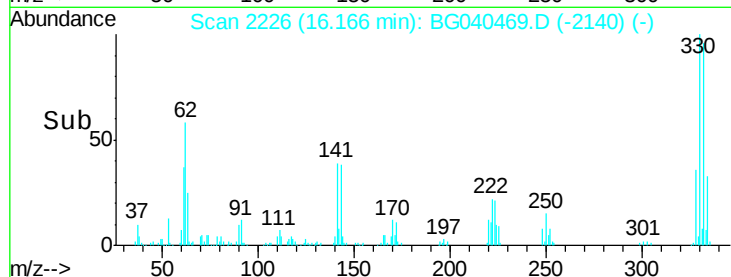
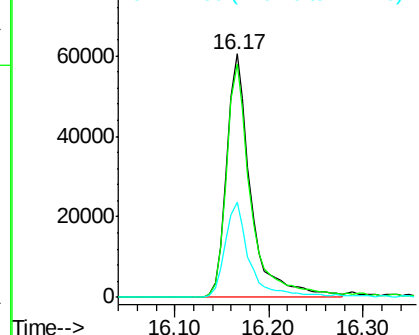
#42
 2,4,6-Tribromophenol
 Concen: 120.371 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	39.2	32.6	48.8

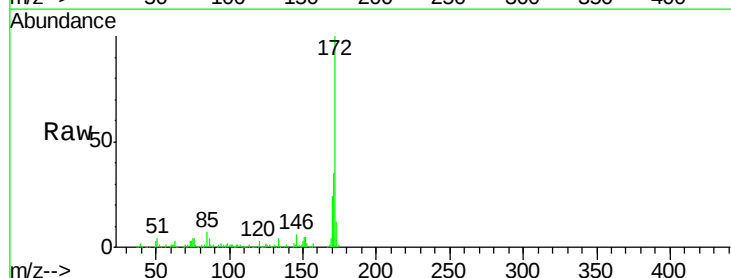


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

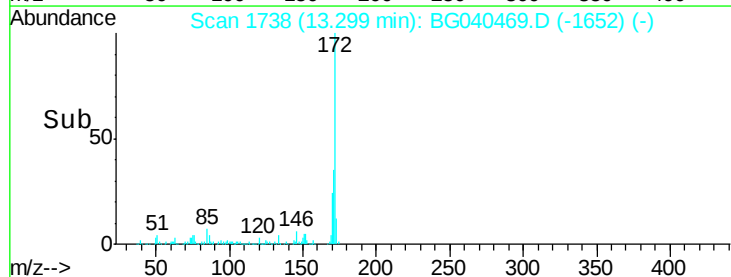
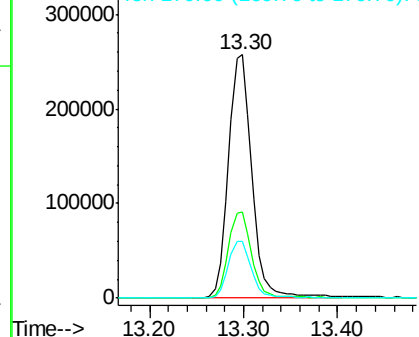


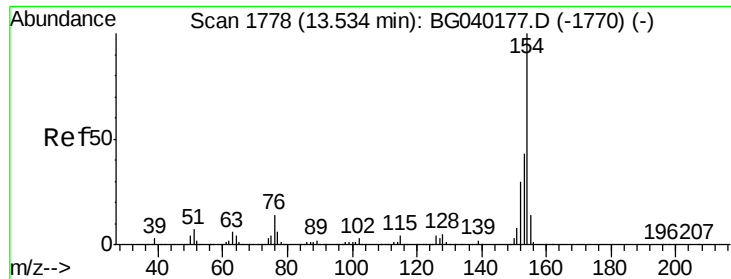
#45
 2-Fluorobiphenyl
 Concen: 79.150 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.5	45.7
170	23.5	20.1	30.1



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

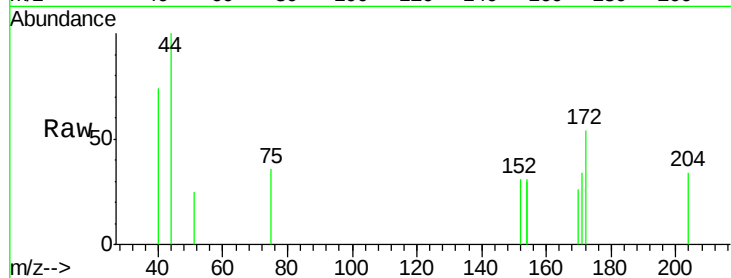




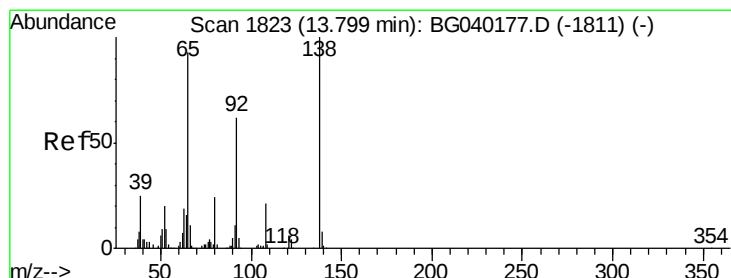
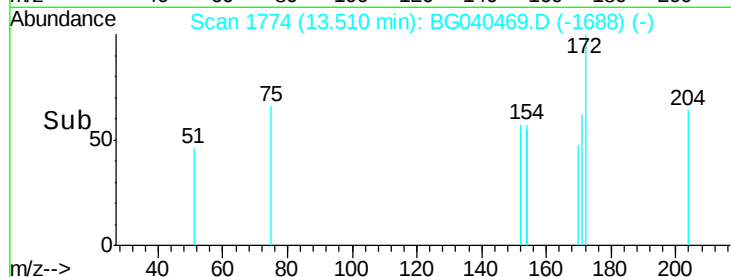
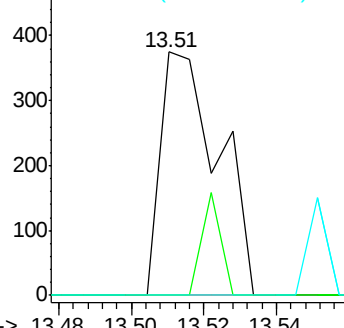
#46
 1,1'-Biphenyl
 Concen: 0.063 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 416
 Ion Ratio Lower Upper
 154 100
 153 0.0 22.5 62.5#
 76 0.0 0.0 33.7

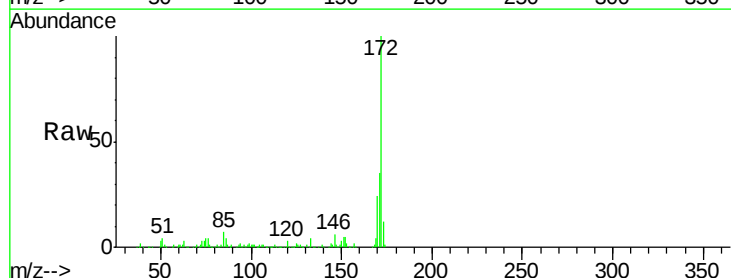


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

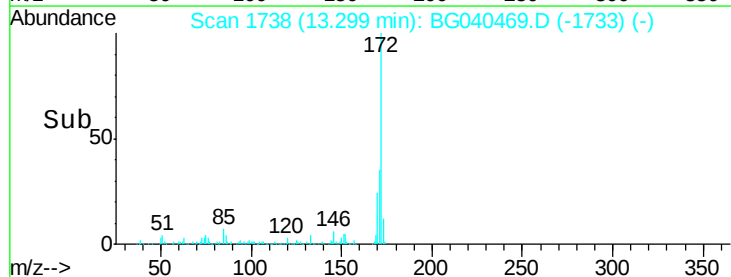
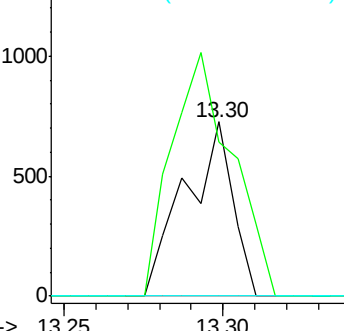


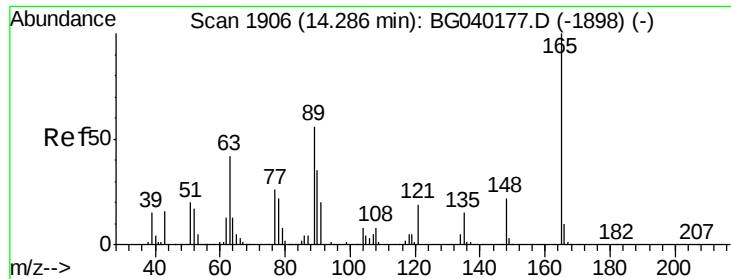
#48
 2-Nitroaniline
 Concen: 0.441 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.50 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Tgt Ion: 65 Resp: 757
 Ion Ratio Lower Upper
 65 100
 92 88.4 53.8 80.6#
 138 0.0 86.3 129.5#



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#51

2,6-Dinitrotoluene

Concen: 7.209 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.39 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

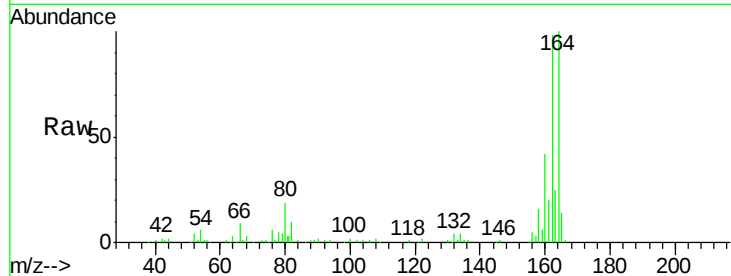
Tot Ion:165 Resp: 10647

Ion Ratio Lower Upper

165 100

63 2.9 44.1 66.1#

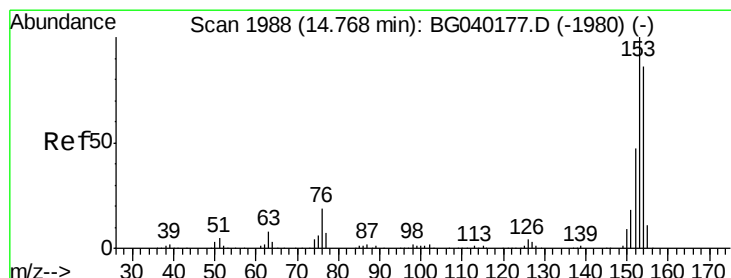
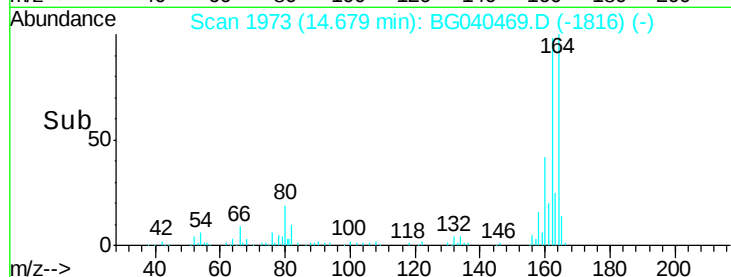
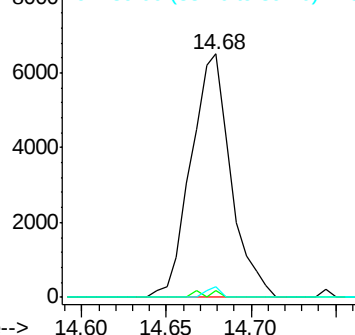
89 4.4 44.9 67.3#



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: 0.031 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.08 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

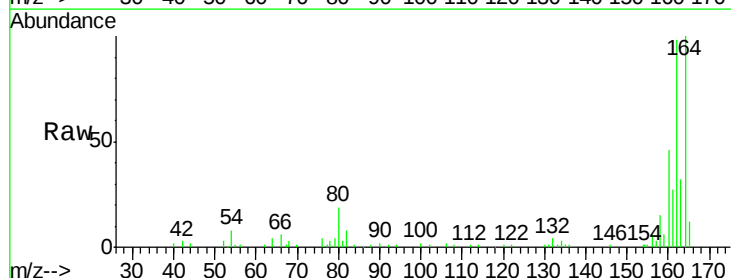
Tgt Ion:154 Resp: 153

Ion Ratio Lower Upper

154 100

153 0.0 92.8 139.2#

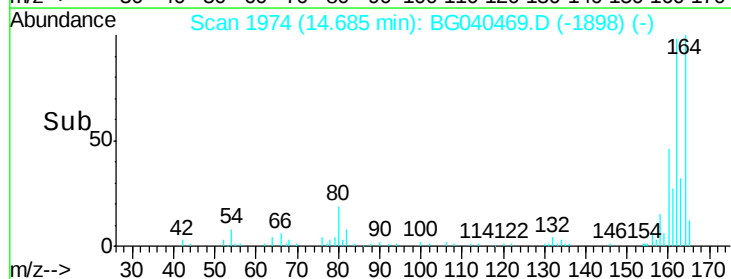
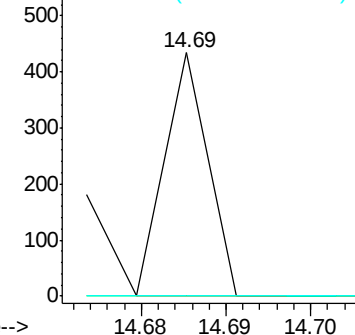
152 0.0 43.4 65.2#

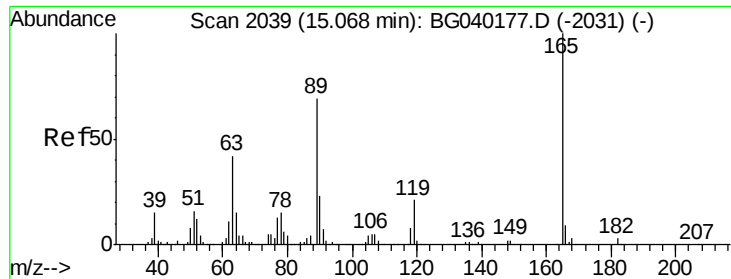


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

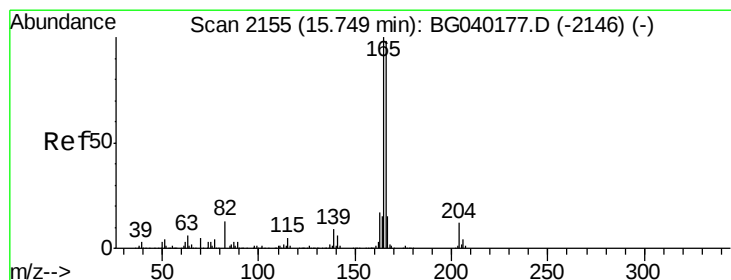
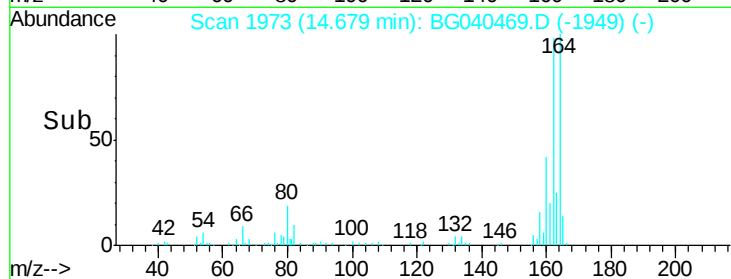
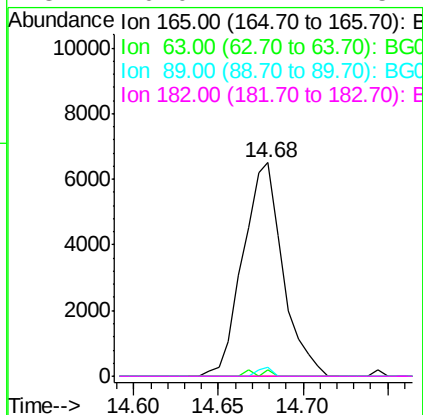
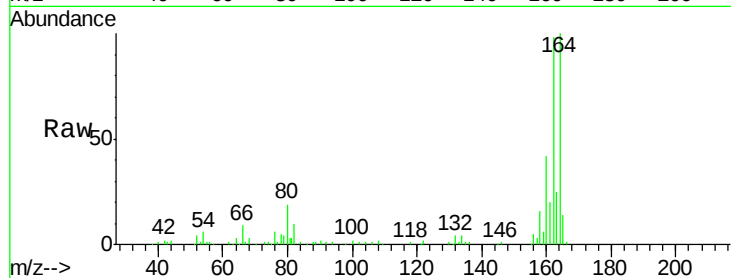




#57
 2,4-Dinitrotoluene
 Concen: 5.188 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

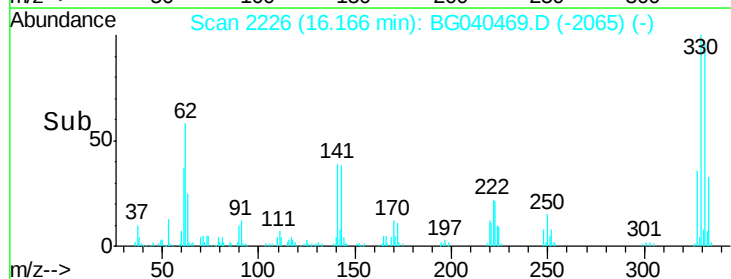
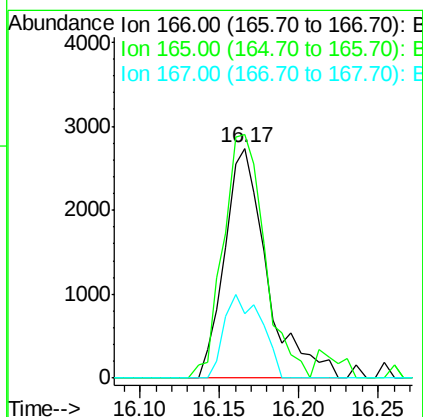
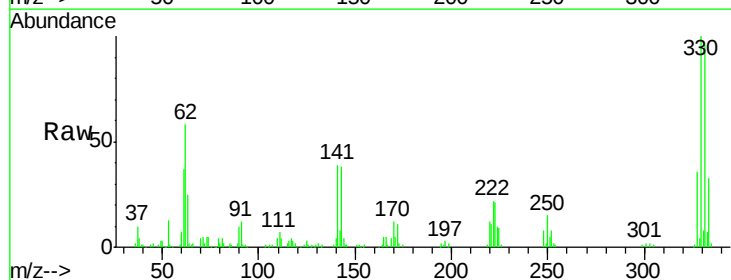
Instrument :
 BNA_G
 ClientSampleId :

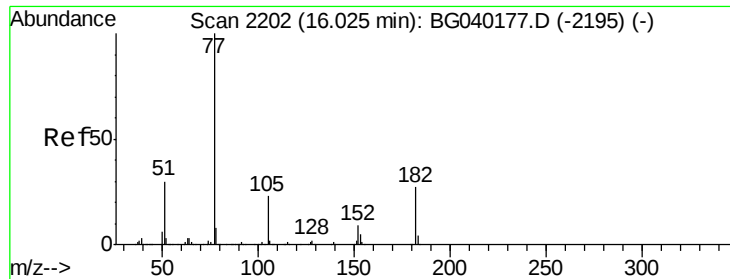
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.9	33.8	50.6#
89	4.4	55.4	83.2#
182	0.0	2.2	3.4#



#58
 Fluorene
 Concen: 0.810 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.42 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.0	81.7	122.5
167	27.8	11.9	17.9#





#63

Azobenzene

Concen: 0.073 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.13 min

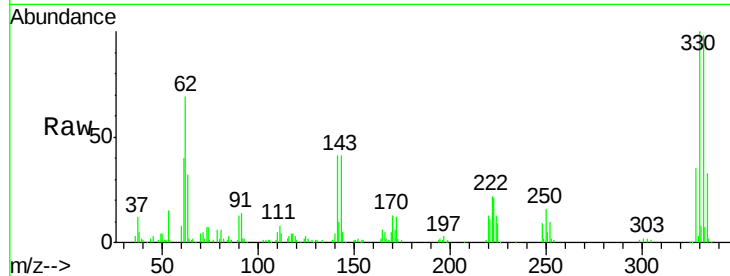
Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :



Tot Ion: 77 Resp: 463

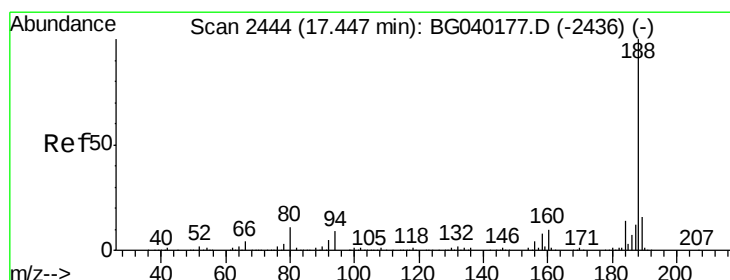
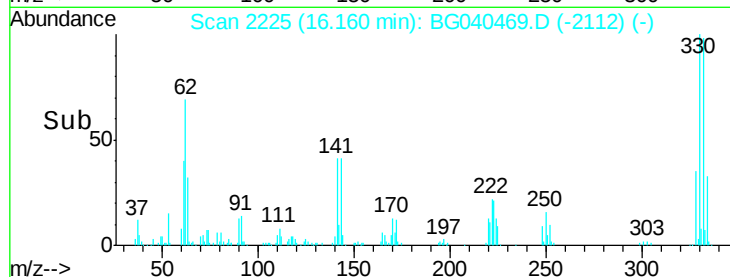
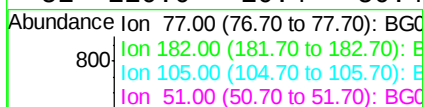
Ion Ratio Lower Upper

77 100

182 0.0 7.2 47.2#

105 65.1 2.8 42.8#

51 110.0 10.4 50.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

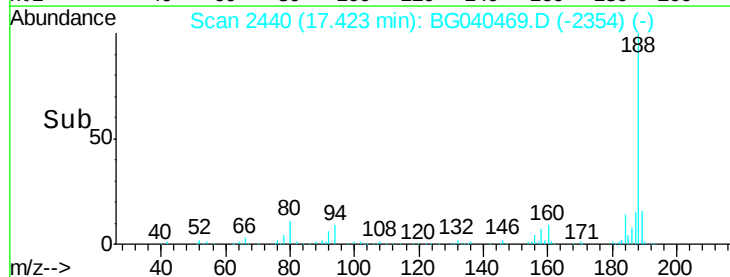
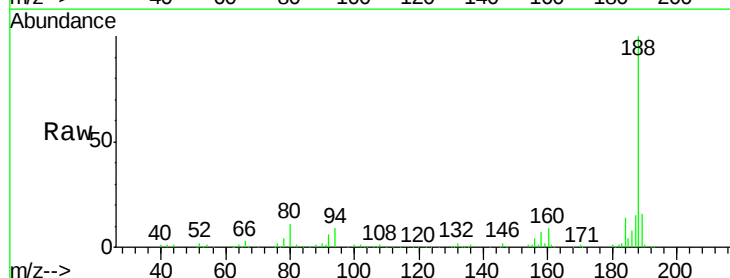
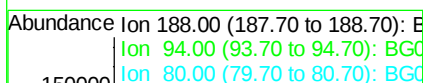
Tgt Ion: 188 Resp: 221147

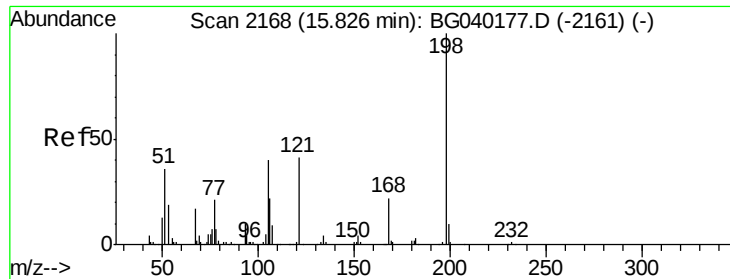
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 11.1 8.6 13.0

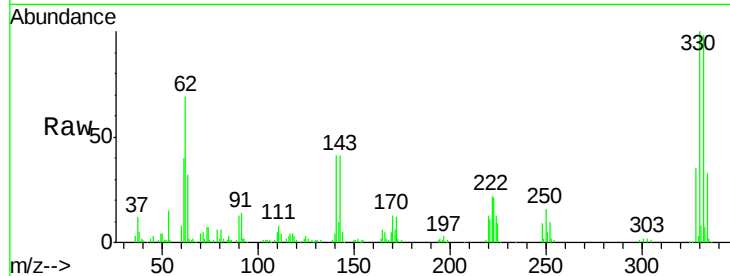




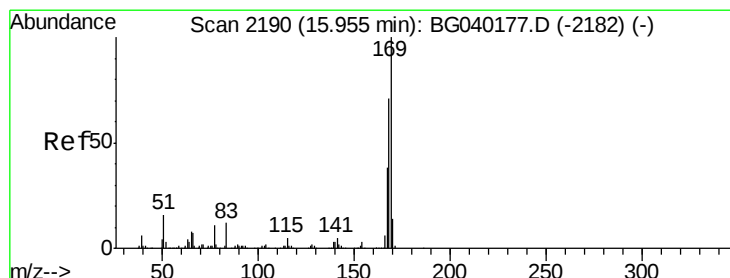
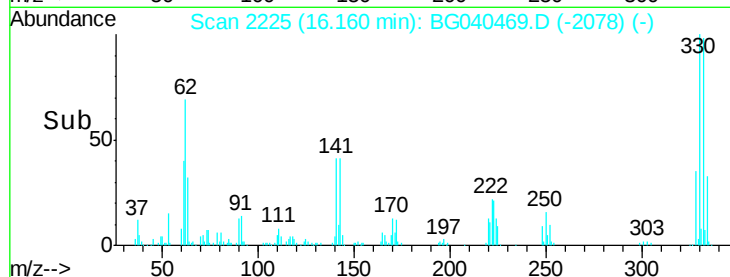
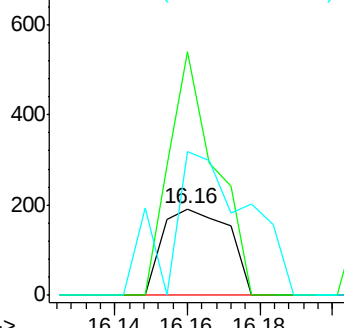
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.195 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.33 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	61.3	27.3	67.3
105	36.3	21.7	61.7

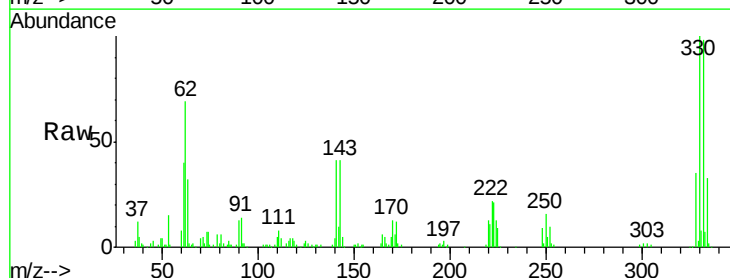


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

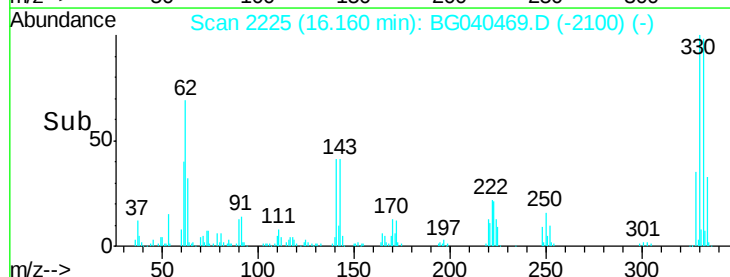
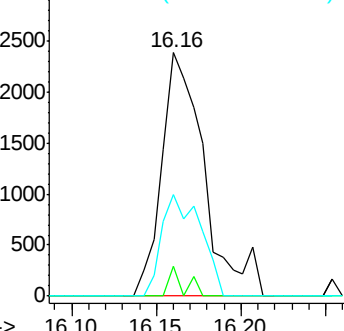


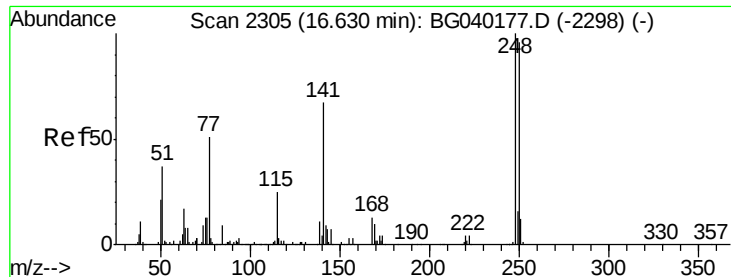
#66
 n-Nitrosodiphenylamine
 Concen: 0.647 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.21 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	12.1	56.8	85.2#
167	41.8	30.2	45.4



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: 3.325 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

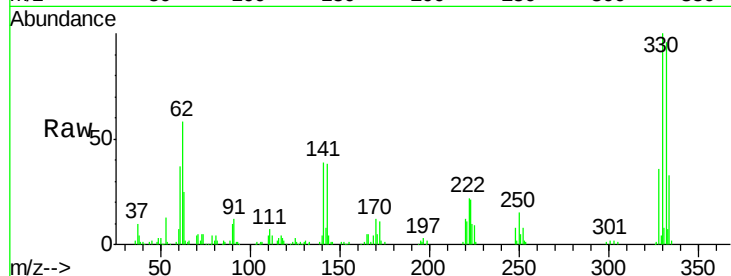
Tot Ion:248 Resp: 8276

Ion Ratio Lower Upper

248 100

250 196.4 76.4 114.6#

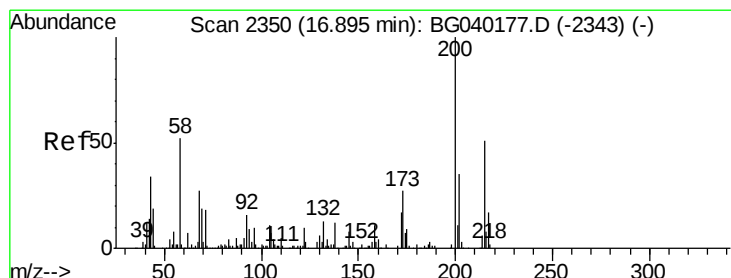
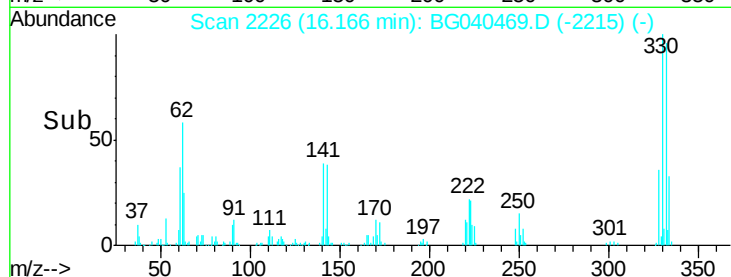
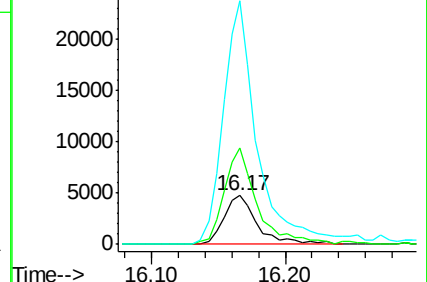
141 498.4 53.8 80.8#



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



#69

Atrazine

Concen: 0.022 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.19 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

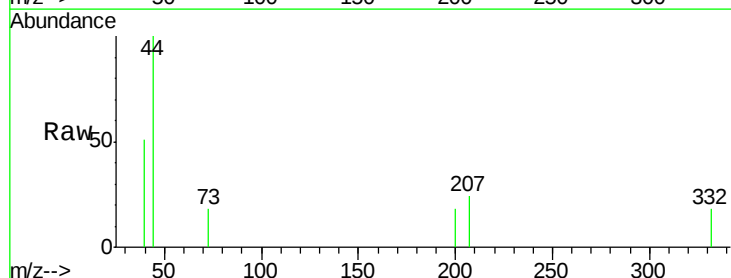
Tgt Ion:200 Resp: 54

Ion Ratio Lower Upper

200 100

173 0.0 7.1 47.1#

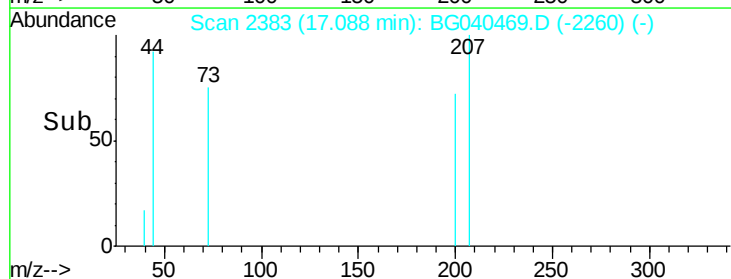
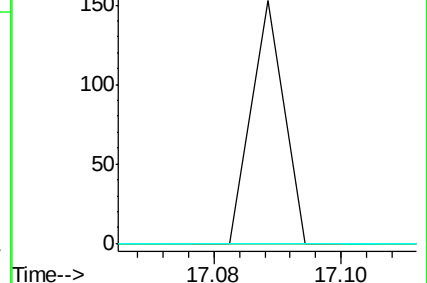
215 0.0 30.9 70.9#

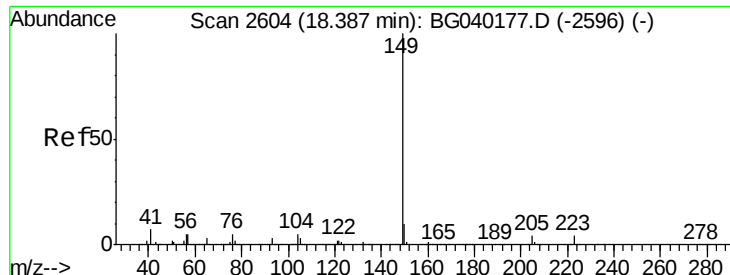


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

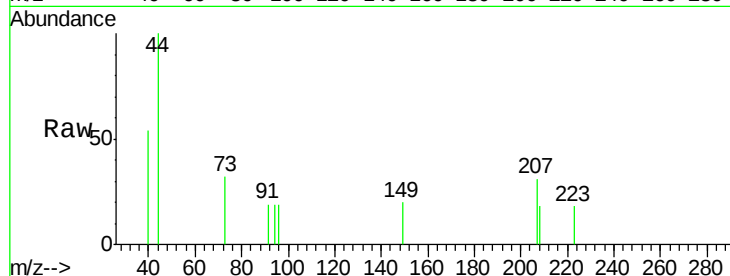




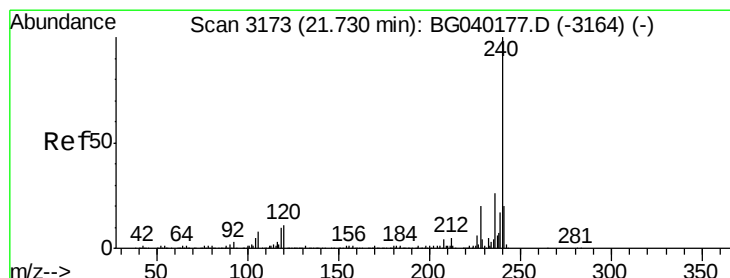
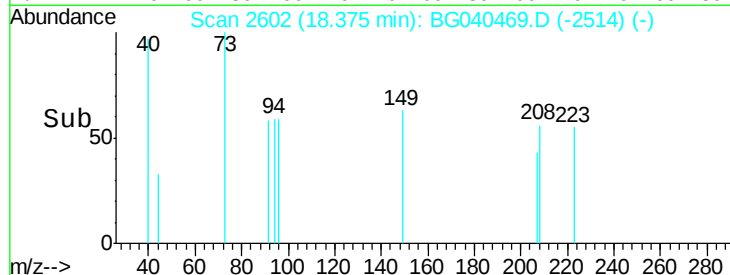
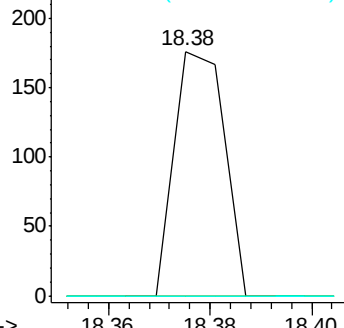
#74
Di-n-butylphthalate
Concen: 0.009 ng
RT: 18.38 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.9	11.9#
104	0.0	4.1	6.1#

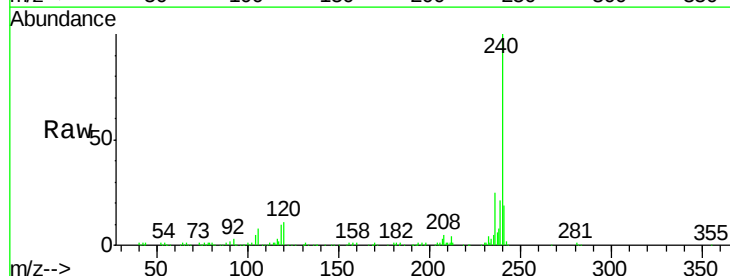


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

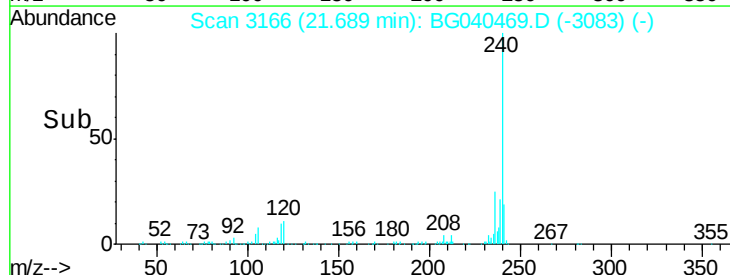
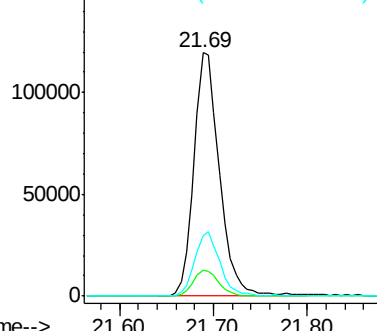


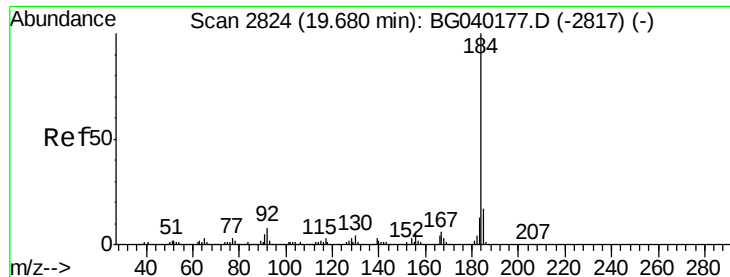
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	25.1	20.8	31.2



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: 1.605 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.34 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

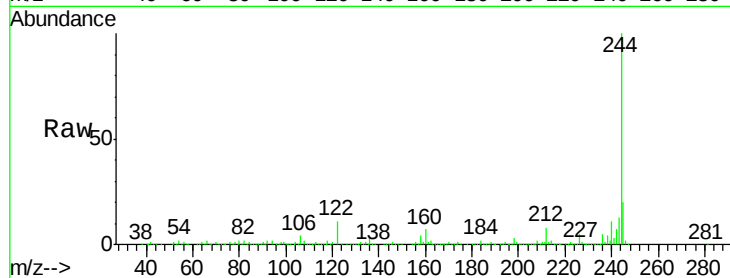
Tot Ion:184 Resp: 13135

Ion Ratio Lower Upper

184 100

185 15.6 13.3 19.9

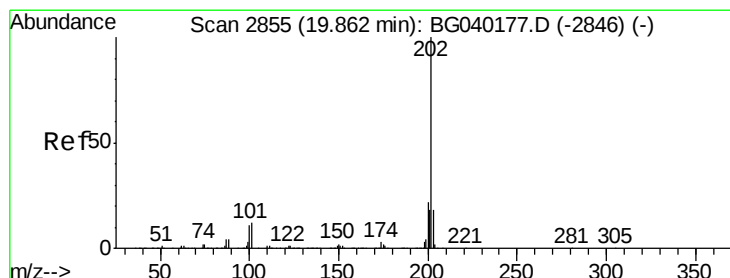
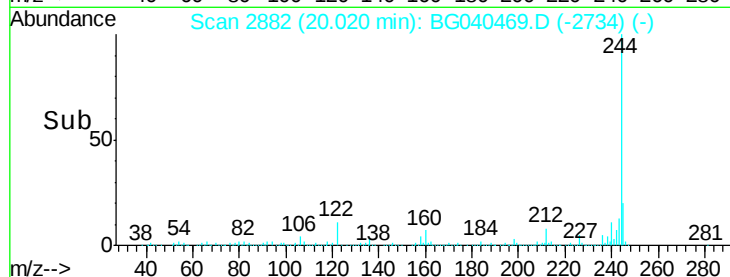
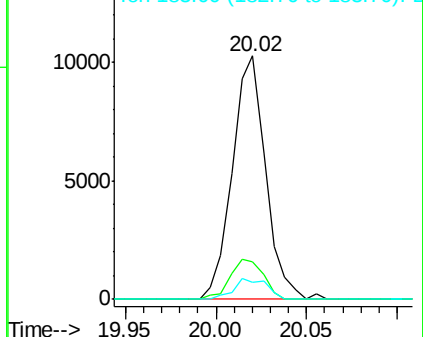
183 7.0 10.3 15.5#



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: 0.206 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.15 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

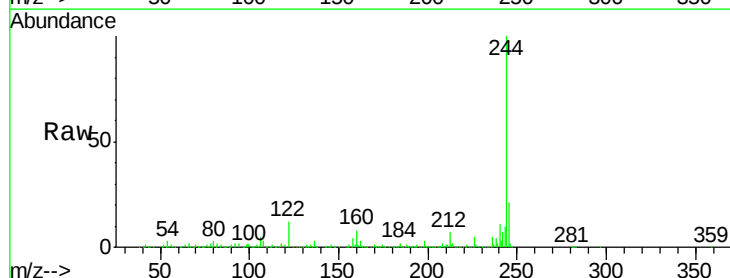
Tgt Ion:202 Resp: 3077

Ion Ratio Lower Upper

202 100

200 49.1 17.3 25.9#

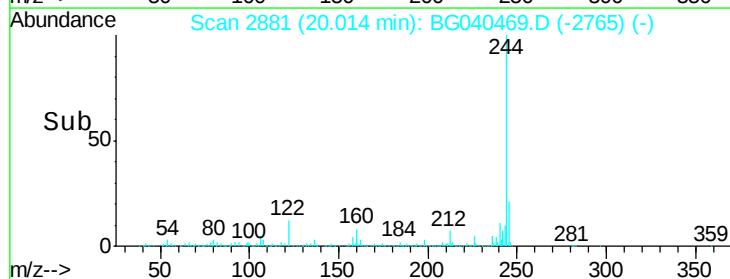
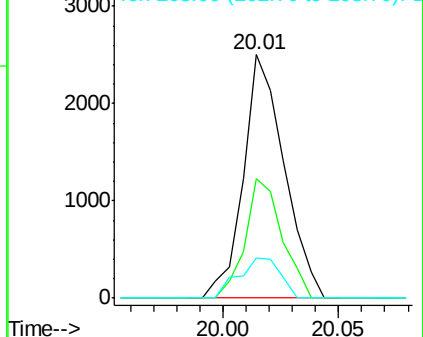
203 16.2 14.6 22.0

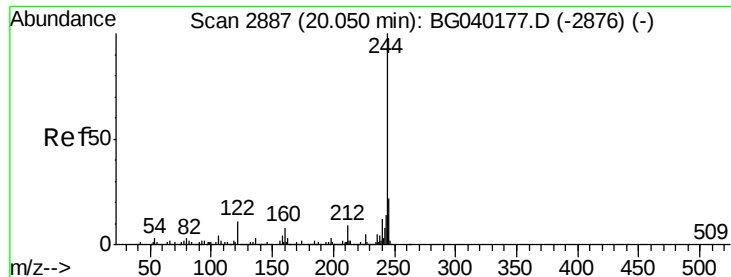


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.217 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

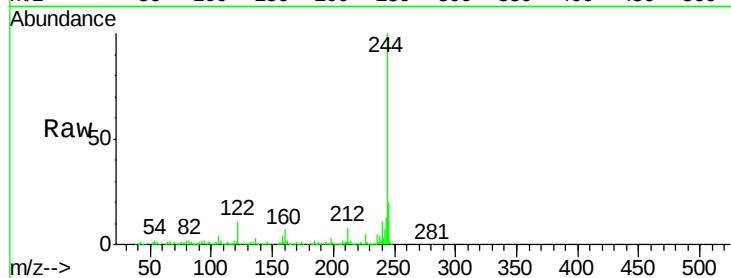
Tot Ion:244 Resp: 858380

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

122 10.7 8.5 12.7



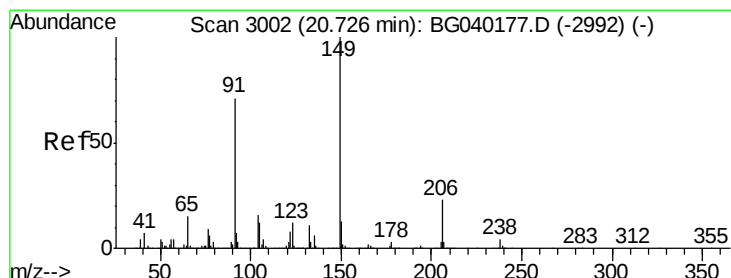
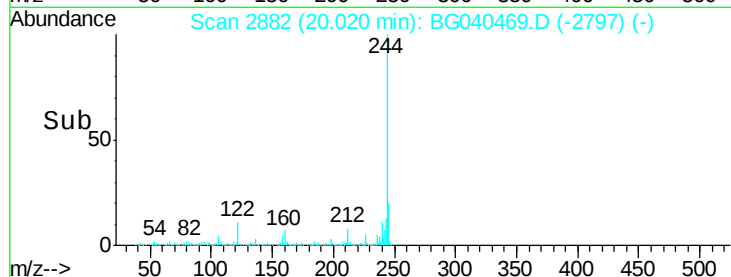
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.02

Time-->



#80

Butylbenzylphthalate

Concen: 0.010 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.04 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

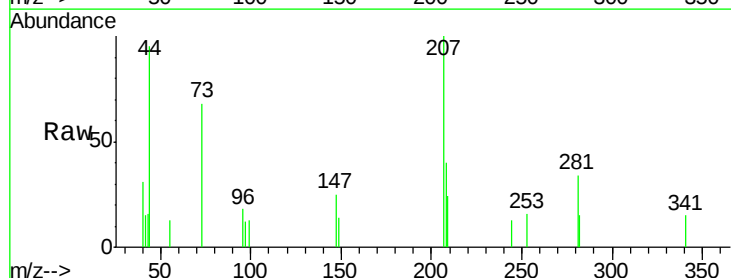
Tgt Ion:149 Resp: 65

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

206 0.0 18.2 27.4#



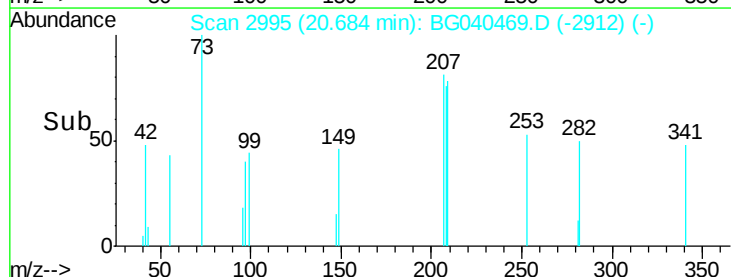
Abundance Ion 149.00 (148.70 to 149.70): E

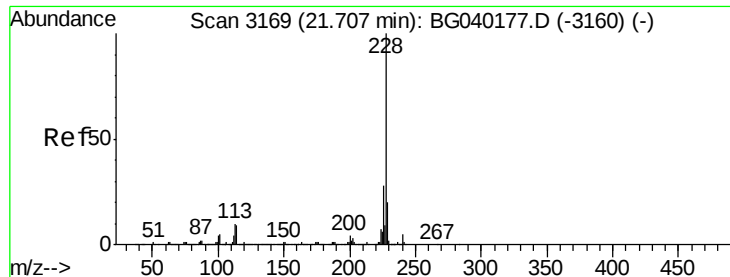
Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

20.68

Time-->





#81

Benzo(a)anthracene

Concen: 0.039 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

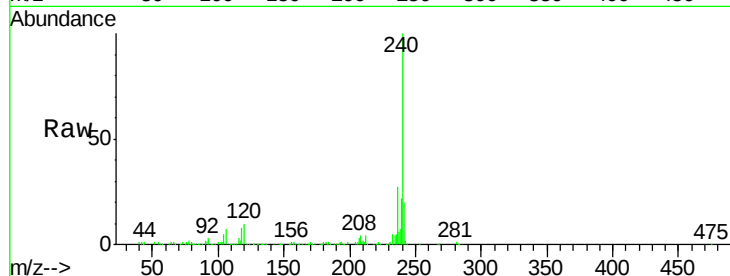
Tot Ion:228 Resp: 548

Ion Ratio Lower Upper

228 100

226 0.0 22.6 34.0#

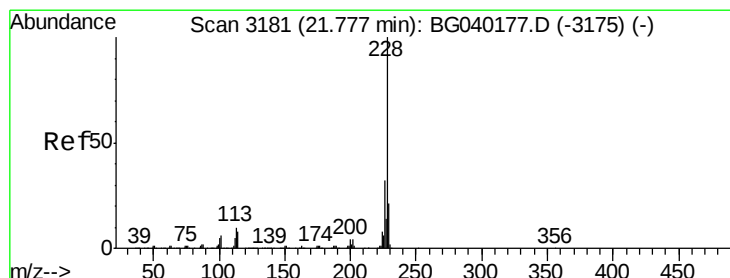
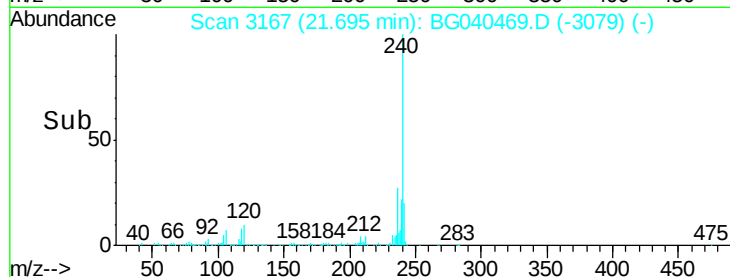
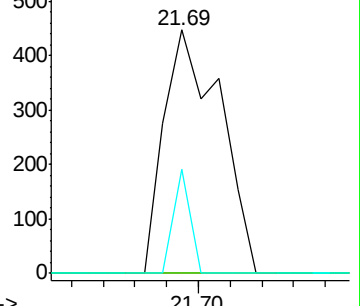
229 42.7 16.1 24.1#



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



#83

Chrysene

Concen: 0.041 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.08 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

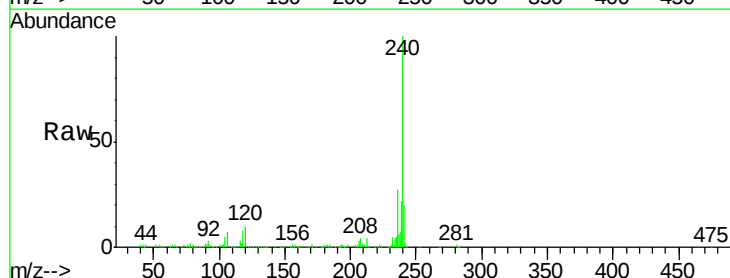
Tgt Ion:228 Resp: 548

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

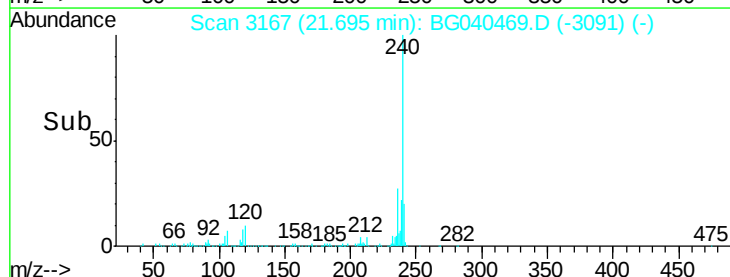
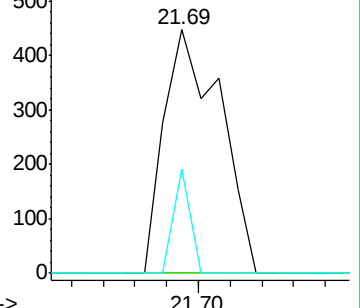
229 42.7 17.0 25.4#

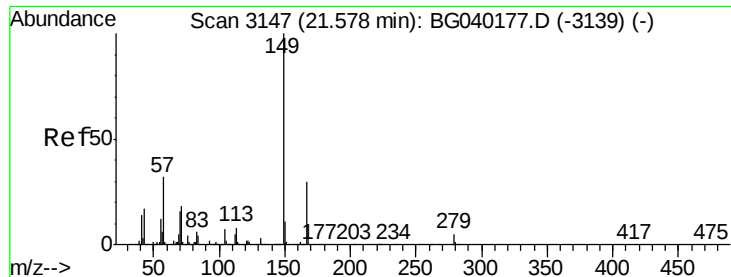


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.026 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.03 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampled :

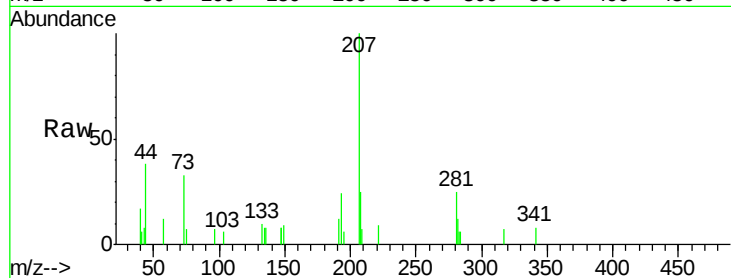
Tot Ion:149 Resp: 235

Ion Ratio Lower Upper

149 100

167 0.0 24.1 36.1#

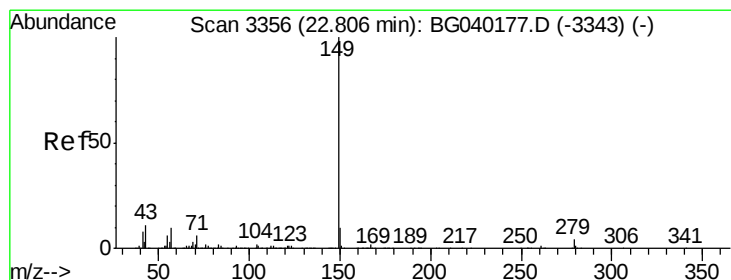
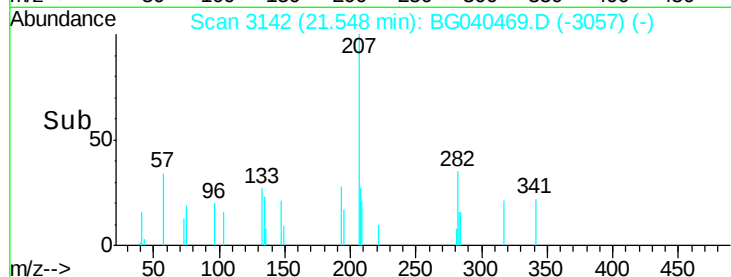
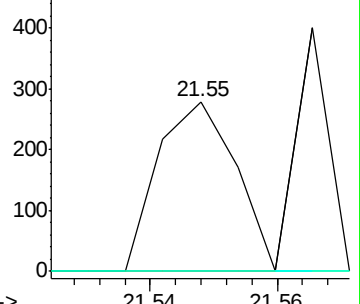
279 0.0 4.1 6.1#



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: 0.005 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

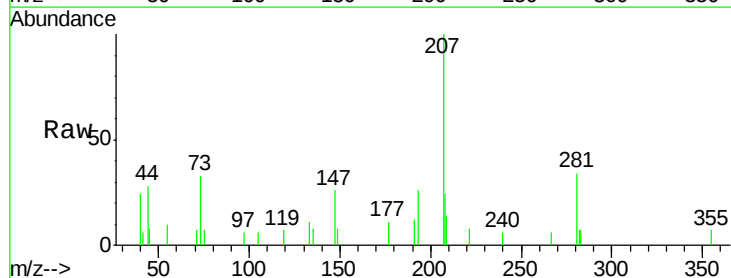
Tgt Ion:149 Resp: 81

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

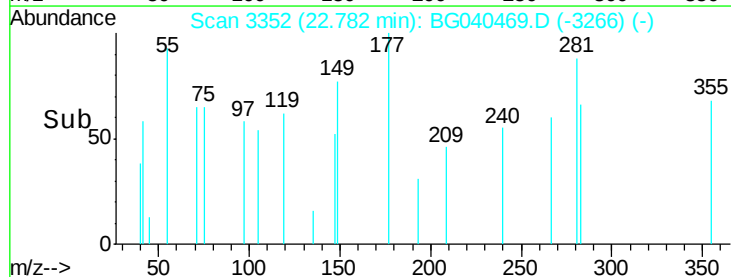
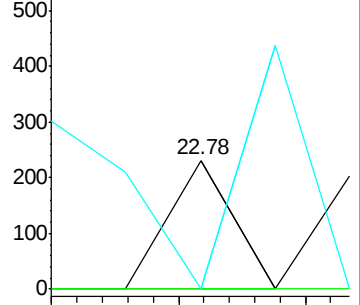
43 340.7 8.7 13.1#

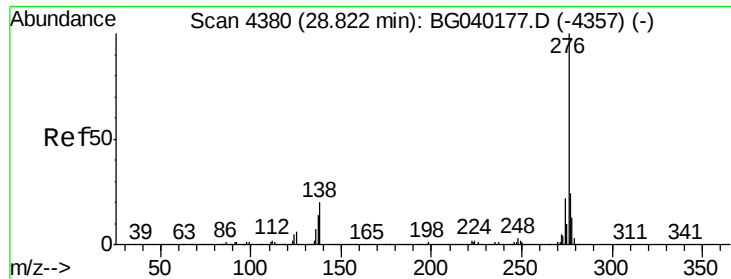


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

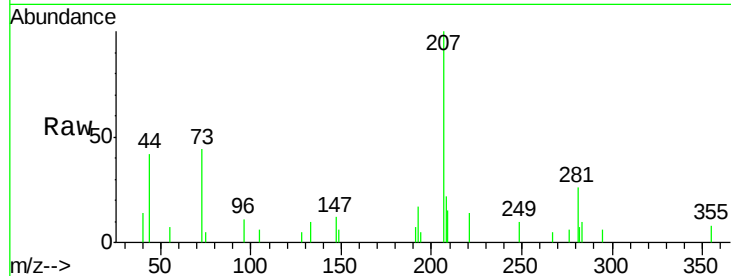




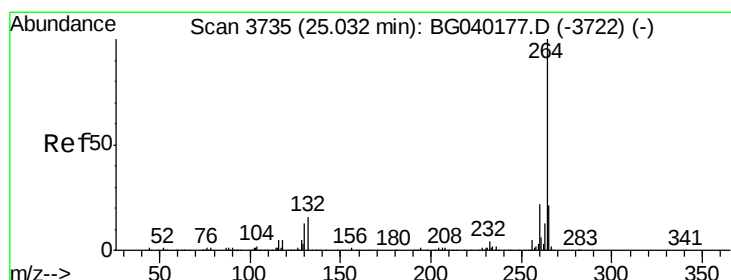
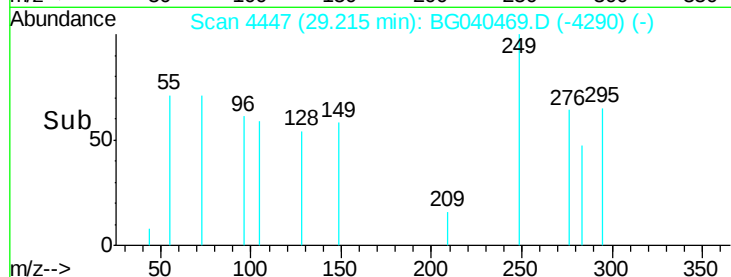
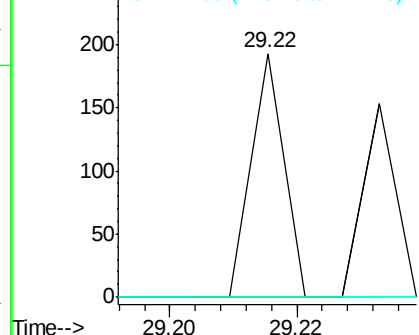
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 29.22 min Scan# 4447
Delta R.T. 0.39 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 68
Ion Ratio Lower Upper
276 100
138 0.0 18.8 28.2#
277 0.0 21.0 31.4#

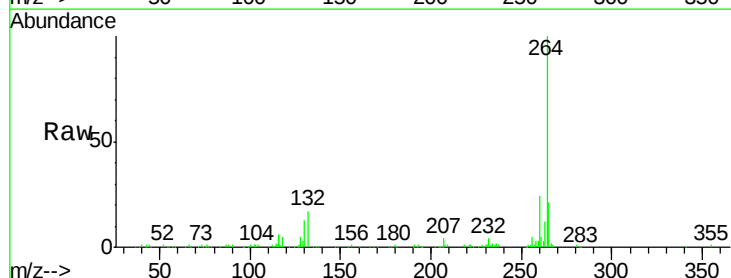


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

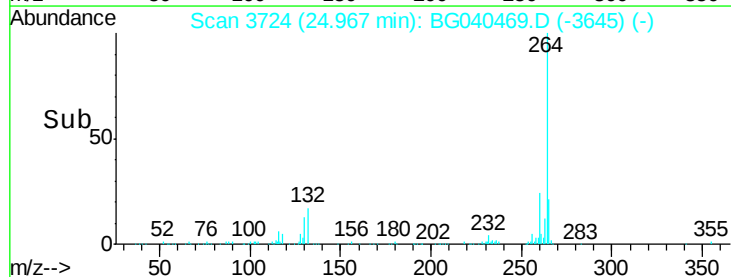
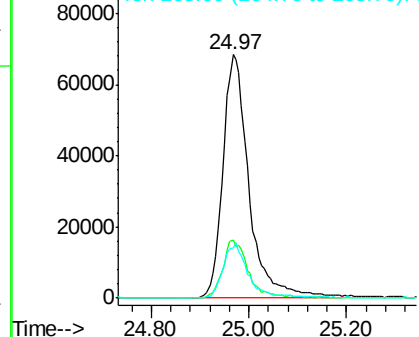


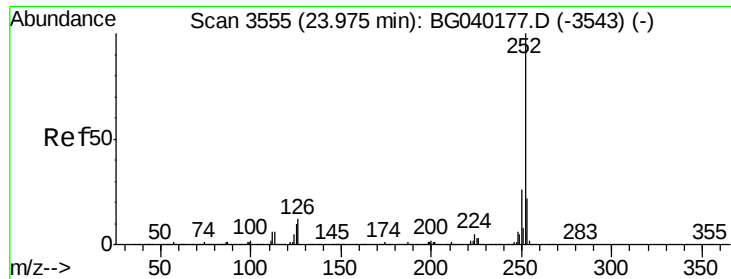
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

Tgt Ion:264 Resp: 253745
Ion Ratio Lower Upper
264 100
260 23.9 17.9 26.9
265 20.7 16.8 25.2



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

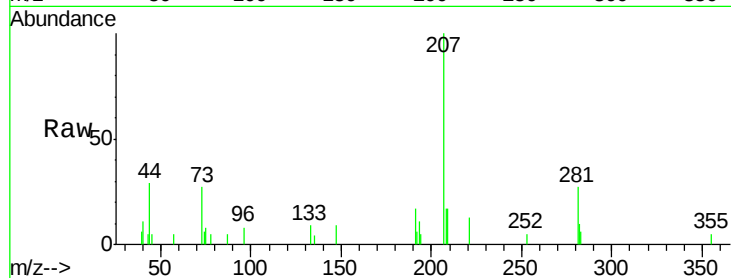




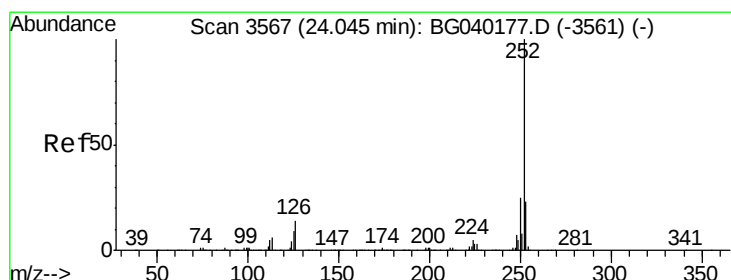
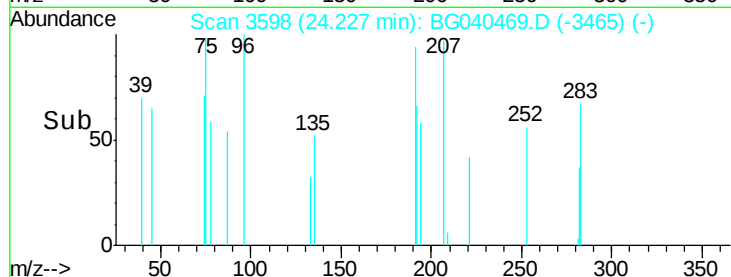
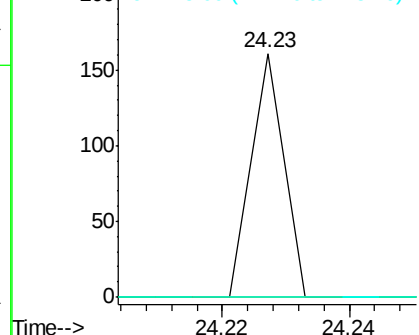
#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 24.23 min Scan# 3598
Delta R.T. 0.25 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	0.0	8.2	12.4#

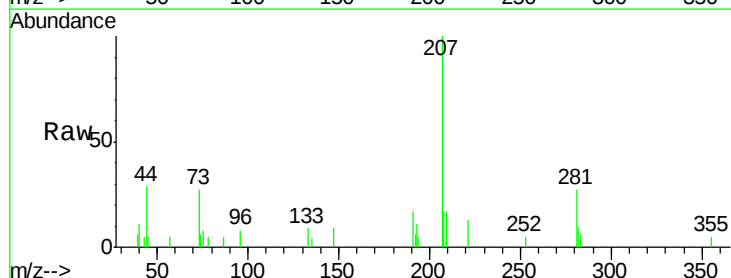


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

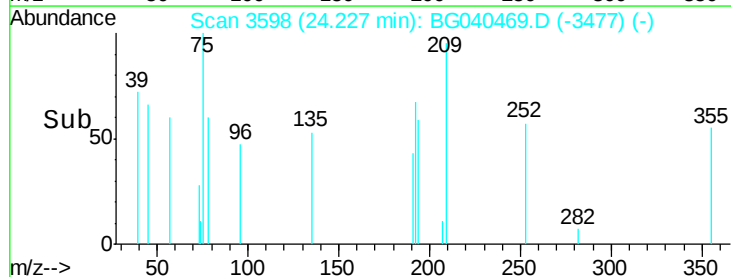
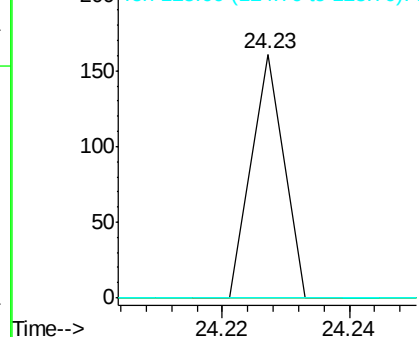


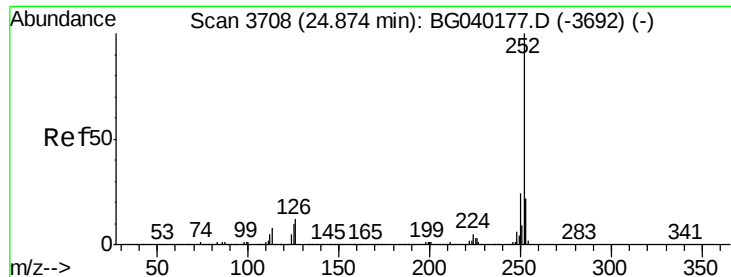
#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 24.23 min Scan# 3598
Delta R.T. 0.18 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.6	28.0#
125	0.0	7.3	10.9#



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: 0.004 ng

RT: 24.83 min Scan# 3701

Delta R.T. -0.04 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampled :

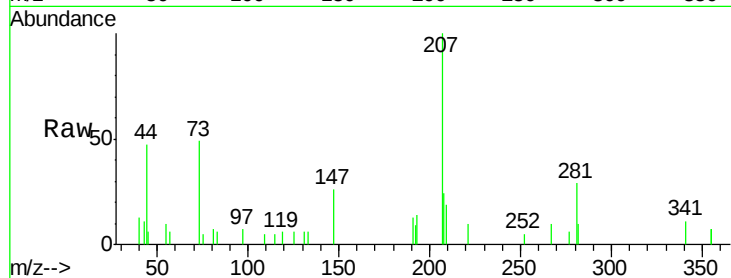
Tot Ion:252 Resp: 57

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

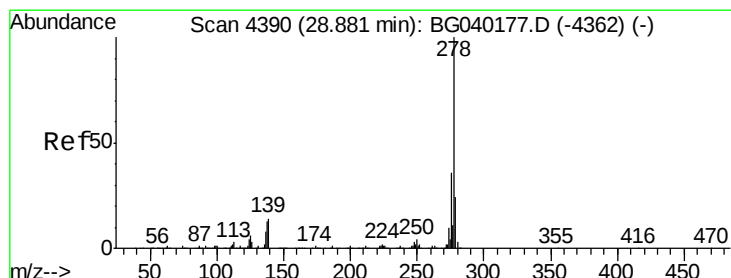
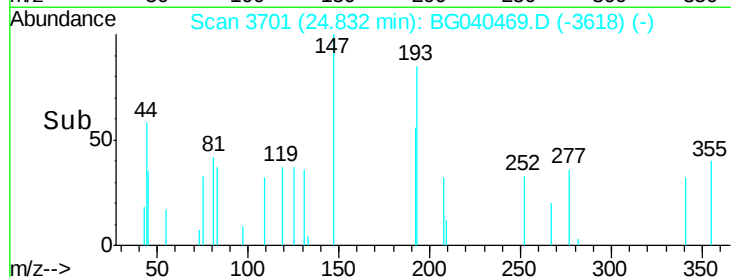
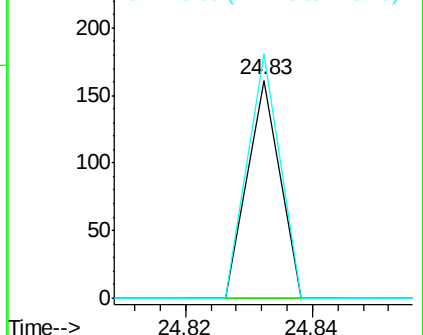
125 112.4 8.3 12.5#



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



#91

Dibenzo(a,h)anthracene

Concen: 0.005 ng

RT: 29.09 min Scan# 4426

Delta R.T. 0.21 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

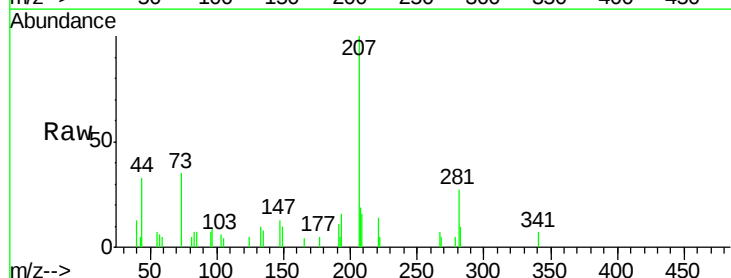
Tgt Ion:278 Resp: 65

Ion Ratio Lower Upper

278 100

139 0.0 11.2 16.8#

279 0.0 18.9 28.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

