

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
 Data File : BG040626.D
 Acq On : 26 Apr 2019 13:03
 Operator : JU/SJ
 Sample : K2535-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 27 02:01:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	48933	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	211647	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	158715	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	411786	20.00	ng	0.00
76) Chrysene-d12	21.82	240	404769	20.00	ng	0.00
87) Perylene-d12	25.19	264	432798	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	190496	68.62	ng	0.00
7) Phenol-d6	7.29	99	194642	45.54	ng	0.00
23) Nitrobenzene-d5	9.33	82	427003	93.22	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	304442	139.55	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	915561	83.31	ng	0.00
79) Terphenyl-d14	20.13	244	1710666	93.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	24161	19.138	ng	93
3) Pyridine	3.96	79	49024	13.397	ng	97
4) n-Nitrosodimethylamine	3.88	42	38819	19.126	ng	88
6) Aniline	7.48	93	92779	16.377	ng	96
8) 2-Chlorophenol	7.71	128	127295	37.555	ng	94
9) Benzaldehyde	7.29	77	45069	13.231	ng	91
10) Phenol	7.32	94	71937	15.657	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	148098	42.985	ng	97
12) 1,3-Dichlorobenzene	8.04	146	129986	35.135	ng	97
13) 1,4-Dichlorobenzene	8.19	146	137445	36.648	ng	96
14) 1,2-Dichlorobenzene	8.51	146	131062	36.236	ng	95
15) Benzyl Alcohol	8.39	79	128472	28.888	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	290957	42.417	ng	99
17) 2-Methylphenol	8.59	107	107705	33.125	ng	96
18) Hexachloroethane	9.24	117	50314	32.704	ng	94
19) n-Nitroso-di-n-propylamine	8.96	70	163020	42.371	ng	98
20) 3+4-Methylphenols	8.92	107	133766	29.532	ng	99
22) Acetophenone	8.99	105	272730	46.340	ng	# 97
24) Nitrobenzene	9.38	77	231003	47.268	ng	99
25) Isophorone	9.90	82	452738	44.373	ng	98
26) 2-Nitrophenol	10.09	139	85446	48.775	ng	97
27) 2,4-Dimethylphenol	10.13	122	157734	47.989	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	229732	44.878	ng	97
29) 2,4-Dichlorophenol	10.61	162	170556	45.643	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	157208	37.938	ng	99
31) Naphthalene	11.04	128	456483	40.597	ng	99
32) Benzoic acid	10.21	122	35795	15.908	ng	# 83
33) 4-Chloroaniline	11.14	127	65688	13.176	ng	96
34) Hexachlorobutadiene	11.29	225	106110	34.685	ng	98
35) Caprolactam	11.93	113	8184	5.547	ng	96
36) 4-Chloro-3-methylphenol	12.23	107	205947	43.688	ng	96
37) 2-Methylnaphthalene	12.63	142	361846	43.041	ng	97
38) 1-Methylnaphthalene	12.85	142	353510	43.020	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	238267	40.299	ng	99

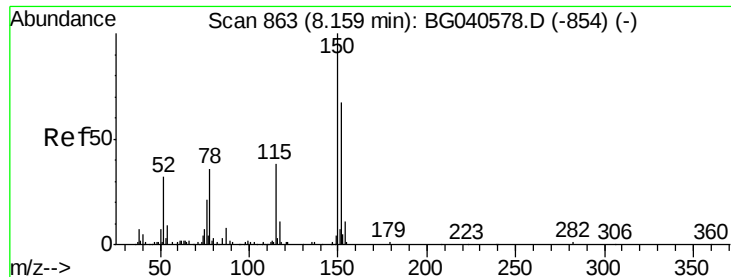
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	270736	77.600	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	171685	48.051	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	183416	47.123	ng	95
46) 1,1'-Biphenyl	13.62	154	513774	41.693	ng	98
47) 2-Chloronaphthalene	13.67	162	409803	42.494	ng	98
48) 2-Nitroaniline	13.87	65	188123	54.802	ng	95
49) Acenaphthylene	14.51	152	682672	41.724	ng	100
50) Dimethylphthalate	14.24	163	605519	45.599	ng	100
51) 2,6-Dinitrotoluene	14.36	165	129966	50.147	ng	95
52) Acenaphthene	14.85	154	407514	42.768	ng	96
53) 3-Nitroaniline	14.69	138	45997	17.321	ng	# 94
54) 2,4-Dinitrophenol	14.90	184	155023	103.771	ng	# 81
55) Dibenzofuran	15.18	168	681953	43.696	ng	98
56) 4-Nitrophenol	14.97	139	85096	36.956	ng	96
57) 2,4-Dinitrotoluene	15.14	165	191180	54.286	ng	98
58) Fluorene	15.83	166	552072	43.765	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	192903	49.240	ng	98
60) Diethylphthalate	15.59	149	647933	46.245	ng	99
61) 4-Chlorophenyl-phenylether	15.82	204	330824	45.092	ng	96
62) 4-Nitroaniline	15.86	138	128838	43.372	ng	98
63) Azobenzene	16.11	77	645956	44.768	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	103960	50.759	ng	97
66) n-Nitrosodiphenylamine	16.04	169	525958	43.413	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	224739	43.806	ng	98
68) Hexachlorobenzene	16.82	284	230249	43.404	ng	98
69) Atrazine	16.98	200	222966	46.451	ng	97
70) Pentachlorophenol	17.17	266	292813	94.329	ng	99
71) Phenanthrene	17.58	178	971730	43.811	ng	98
72) Anthracene	17.67	178	999699	44.841	ng	99
73) Carbazole	17.93	167	896325	44.128	ng	98
74) Di-n-butylphthalate	18.47	149	1089233	44.429	ng	99
75) Fluoranthene	19.57	202	1235061	44.684	ng	99
77) Benzidine	19.76	184	165657	14.947	ng	97
78) Pyrene	19.94	202	1242521	48.978	ng	97
80) Butylbenzylphthalate	20.81	149	498482	50.414	ng	97
81) Benzo(a)anthracene	21.80	228	1194556	46.696	ng	98
82) 3,3'-Dichlorobenzidine	21.71	252	236962	25.988	ng	100
83) Chrysene	21.87	228	1173915	48.252	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	699981	49.042	ng	98
85) Di-n-octyl phthalate	22.95	149	1174352	48.855	ng	98
86) Indeno(1,2,3-cd)pyrene	29.09	276	1441236	48.997	ng	# 92
88) Benzo(b)fluoranthene	24.12	252	1226960	46.392	ng	96
89) Benzo(k)fluoranthene	24.19	252	1197963	48.502	ng	99
90) Benzo(a)pyrene	25.04	252	1199939	47.931	ng	98
91) Dibenzo(a,h)anthracene	29.17	278	1187019	46.854	ng	98
92) Benzo(g,h,i)perylene	30.32	276	1199545	47.575	ng	100

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

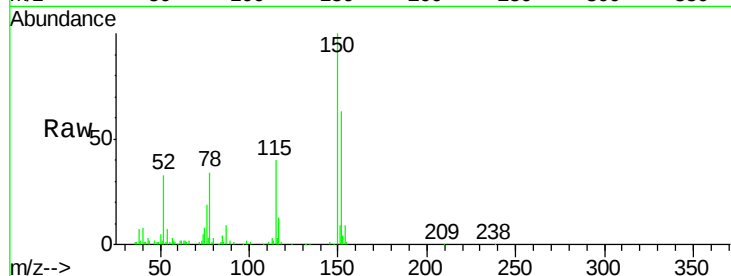


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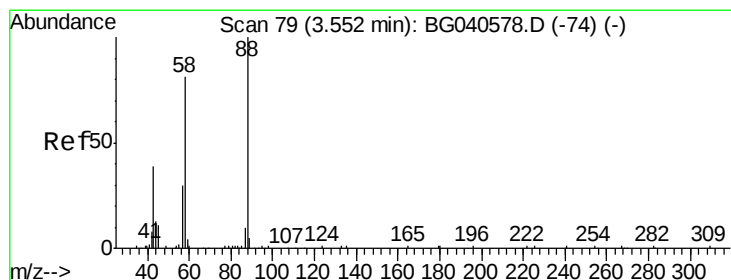
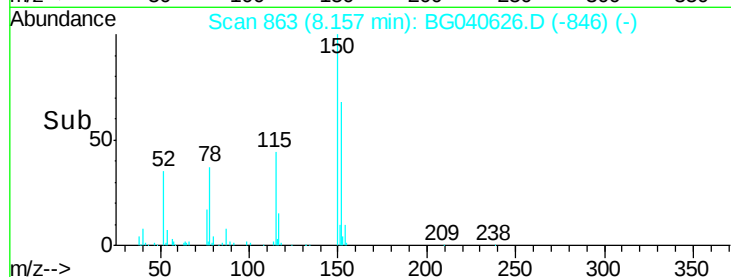
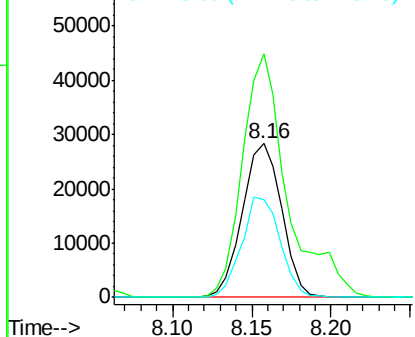
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48933
Ion Ratio Lower Upper
152 100
150 158.4 120.2 180.2
115 64.0 46.2 69.2



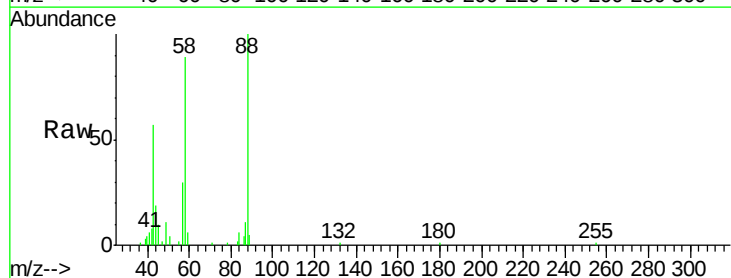
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



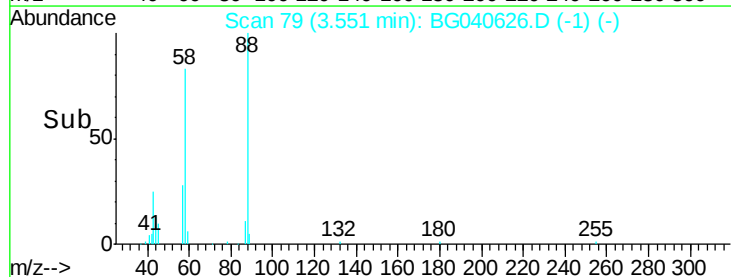
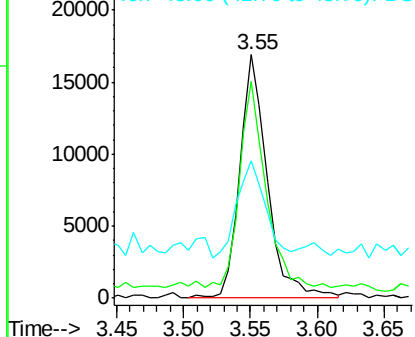
#2

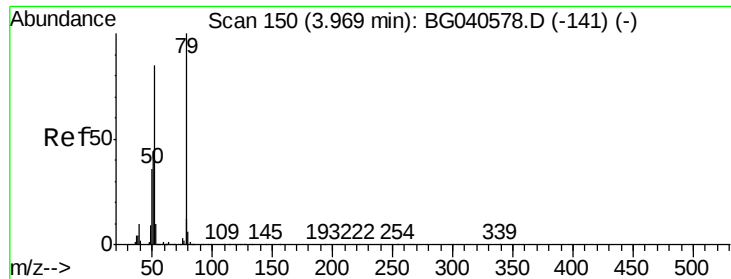
1,4-Dioxane
Concen: 19.138 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

Tgt Ion: 88 Resp: 24161
Ion Ratio Lower Upper
88 100
58 81.0 71.2 106.8
43 40.9 35.6 53.4



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: 13.397 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

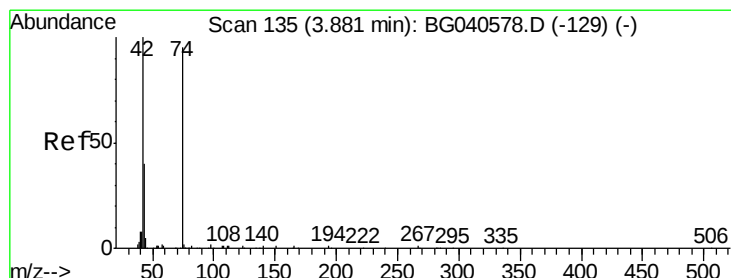
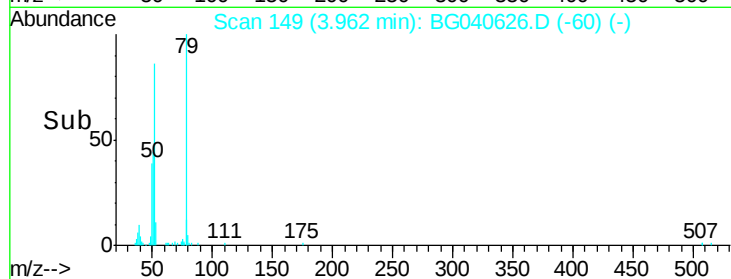
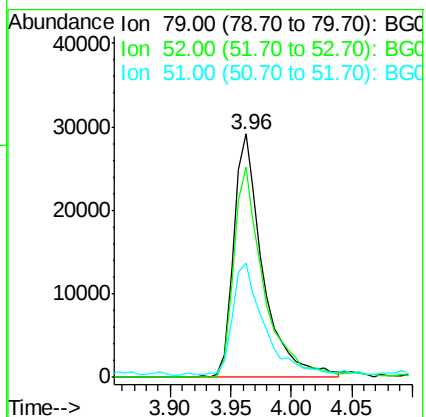
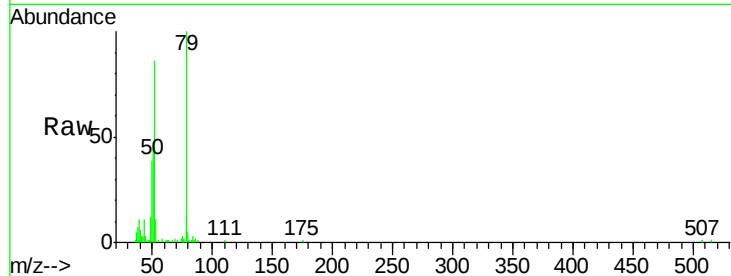
Tot Ion: 79 Resp: 49024

Ion Ratio Lower Upper

79 100

52 86.4 67.5 101.3

51 47.0 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 19.126 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

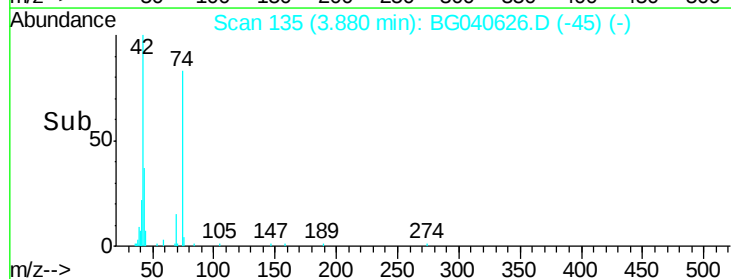
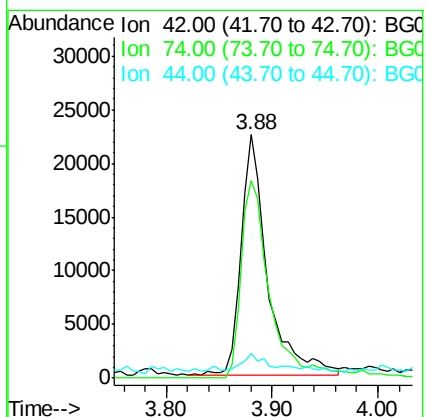
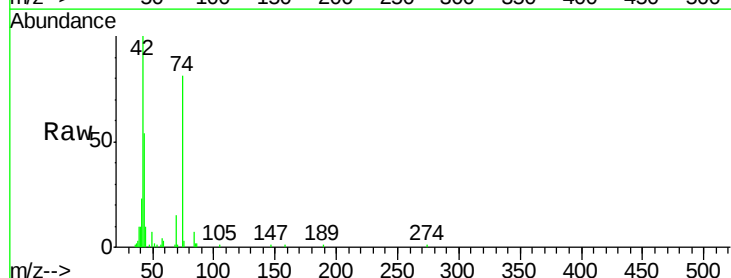
Tgt Ion: 42 Resp: 38819

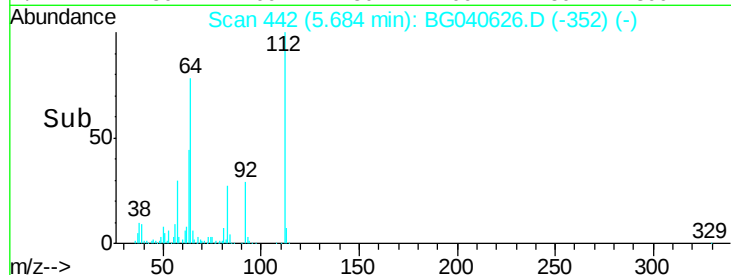
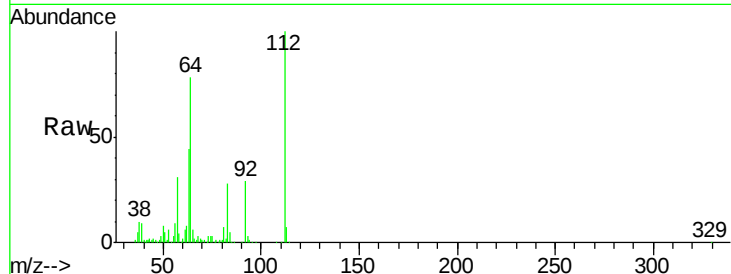
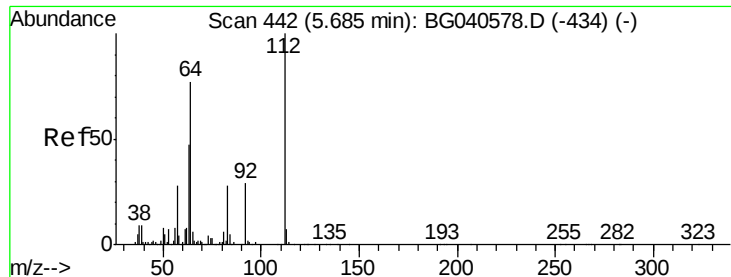
Ion Ratio Lower Upper

42 100

74 81.2 74.6 111.8

44 10.4 7.4 11.0





#5

2-Fluorophenol

Concen: 68.624 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

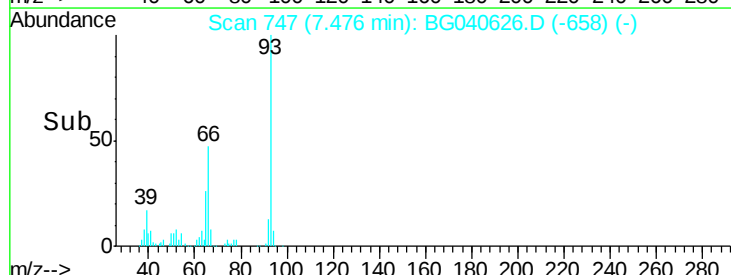
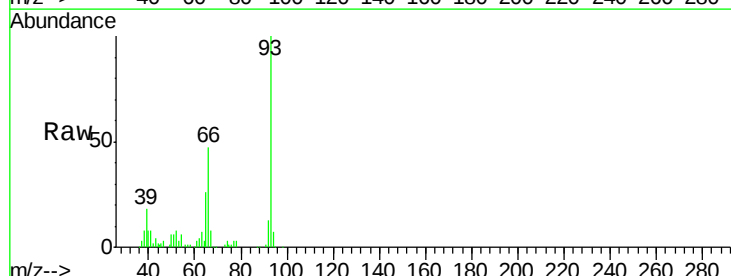
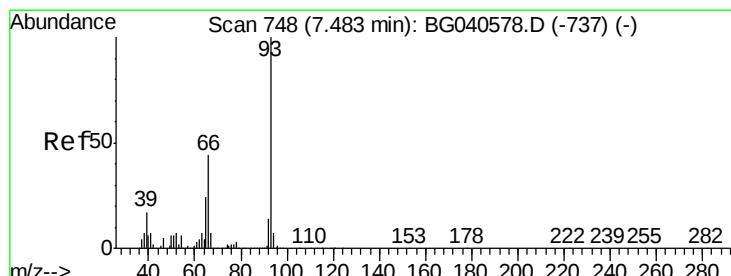
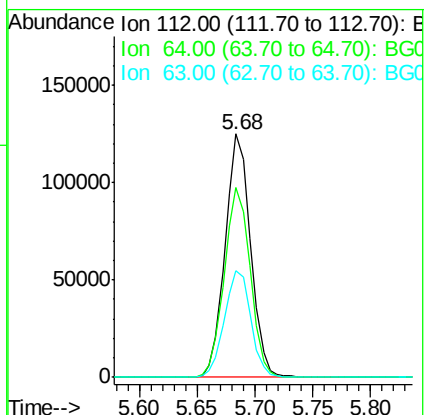
Tot Ion:112 Resp: 190496

Ion Ratio Lower Upper

112 100

64 77.8 61.4 92.0

63 43.7 37.8 56.6



#6

Aniline

Concen: 16.377 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

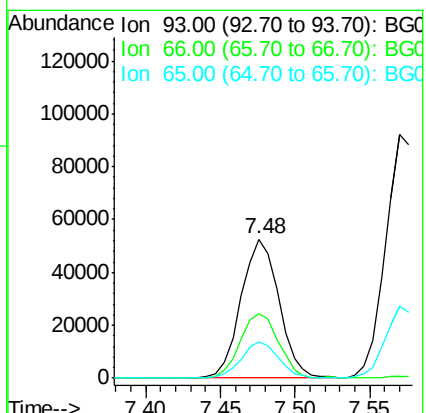
Tgt Ion: 93 Resp: 92779

Ion Ratio Lower Upper

93 100

66 46.7 35.5 53.3

65 26.4 19.2 28.8





#7

Phenol-d6

Concen: 45.539 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

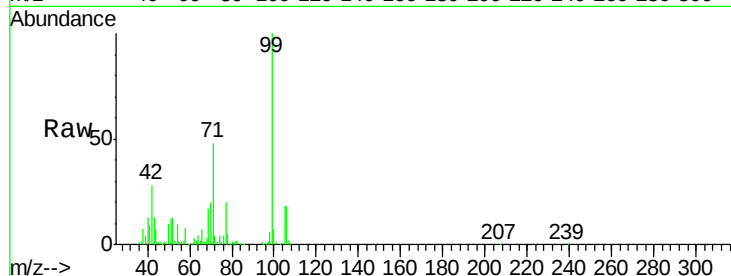
Tot Ion: 99 Resp: 194642

Ion Ratio Lower Upper

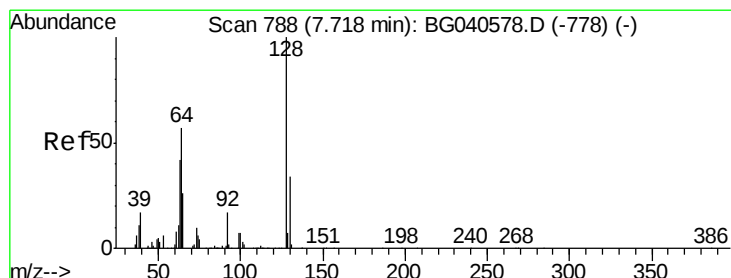
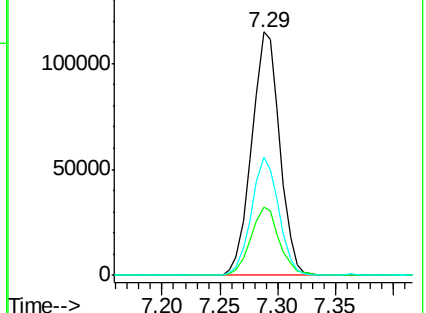
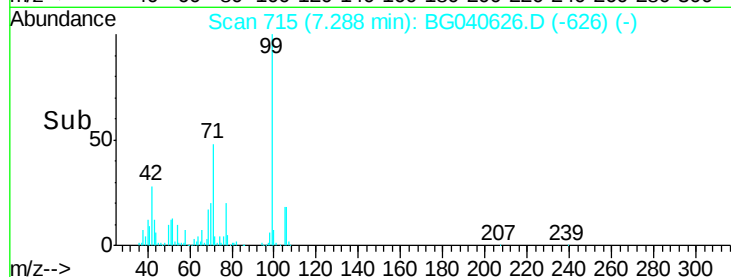
99 100

42 28.0 21.8 32.8

71 48.4 38.6 57.8



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: 37.555 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

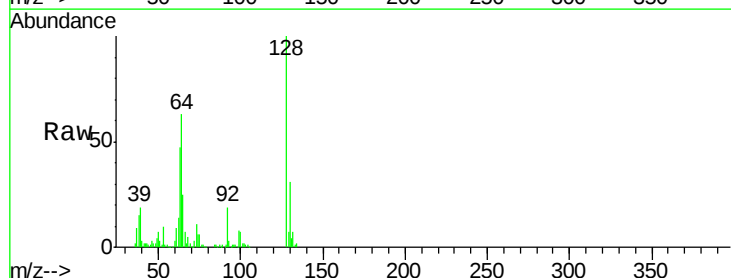
Tgt Ion: 128 Resp: 127295

Ion Ratio Lower Upper

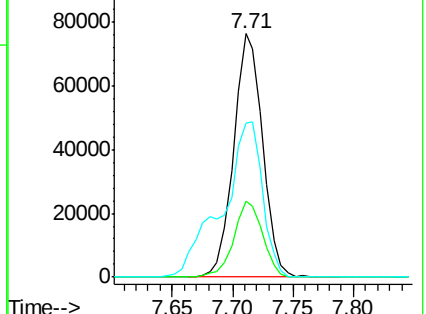
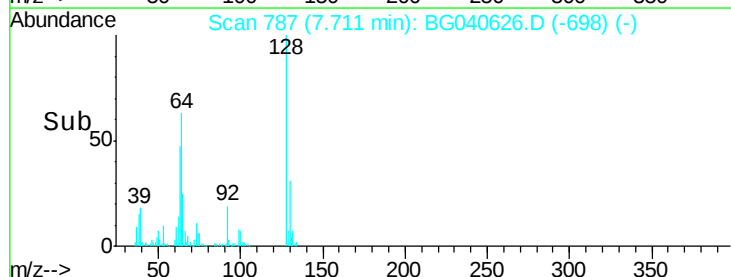
128 100

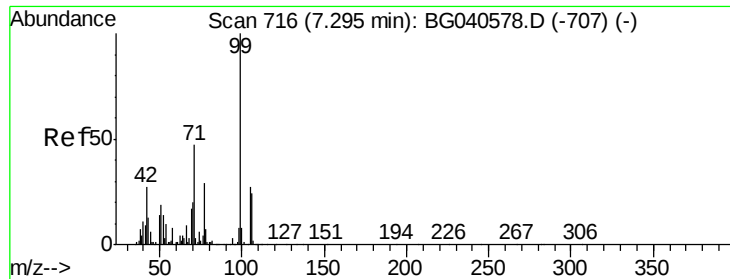
130 31.0 14.5 54.5

64 63.2 38.4 78.4



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

Benzaldehyde

Concen: 13.231 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

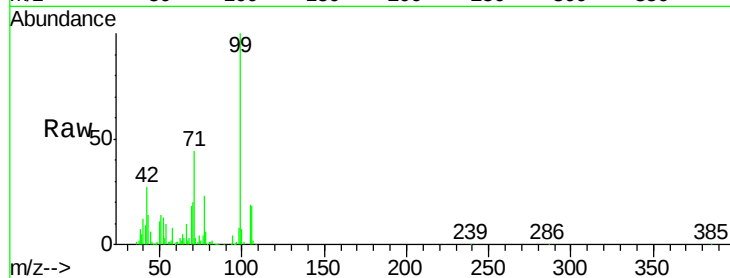
Tot Ion: 77 Resp: 45069

Ion Ratio Lower Upper

77 100

105 80.7 72.0 112.0

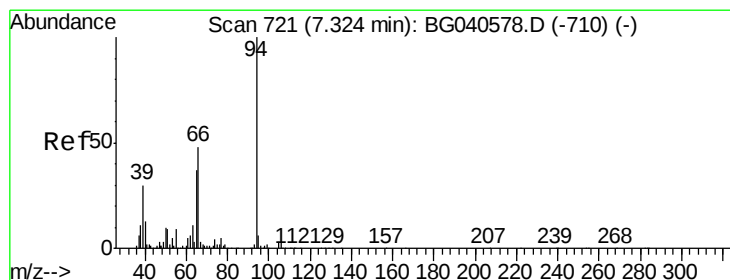
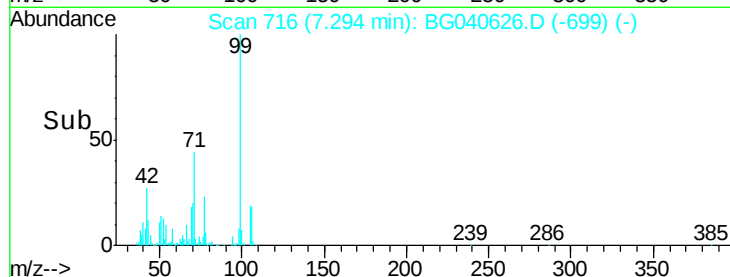
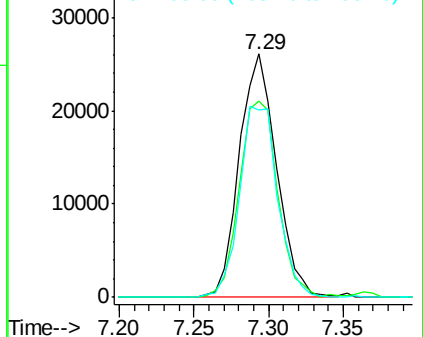
106 76.8 61.2 101.2



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: 15.657 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

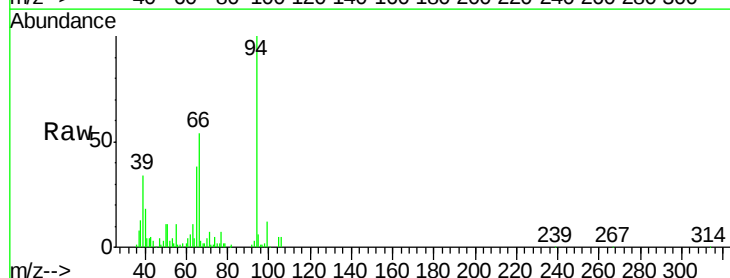
Tgt Ion: 94 Resp: 71937

Ion Ratio Lower Upper

94 100

65 37.6 17.0 57.0

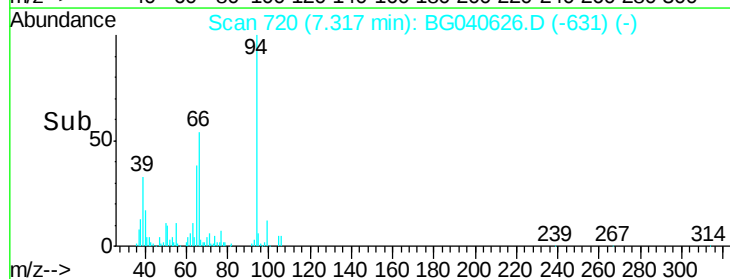
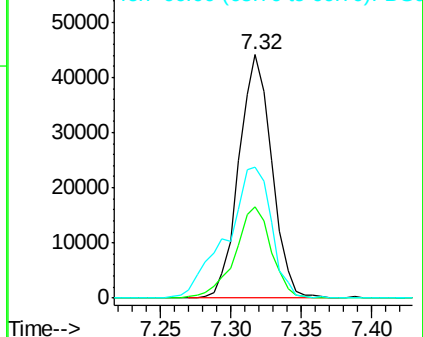
66 54.0 28.6 68.6

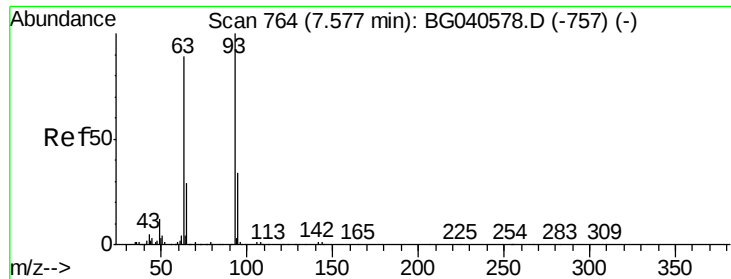


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

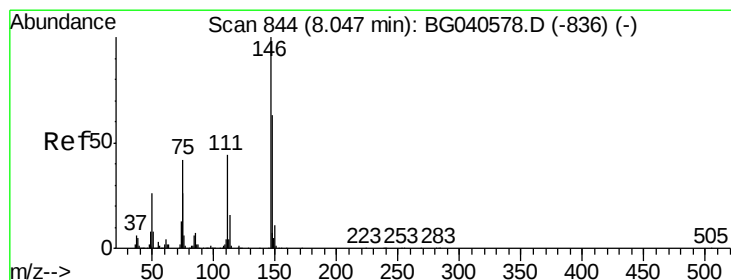
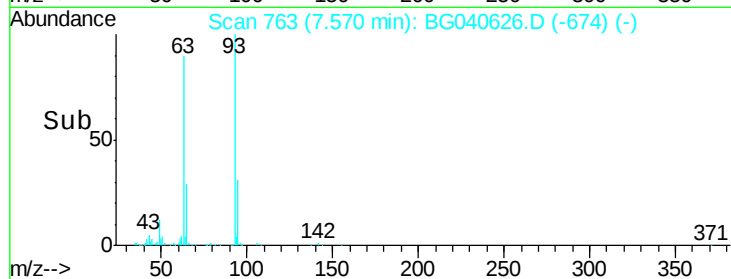
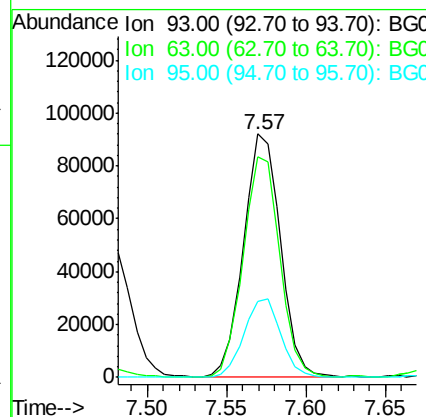
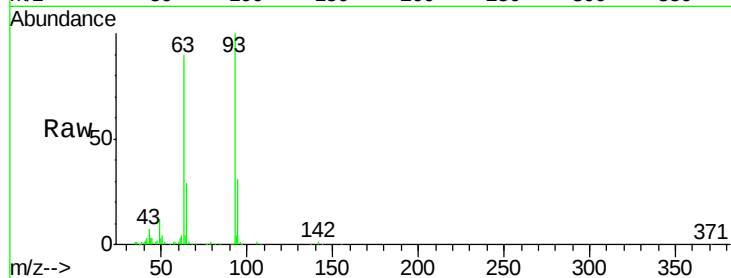




#11
bis(2-Chloroethyl)ether
Concen: 42.985 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

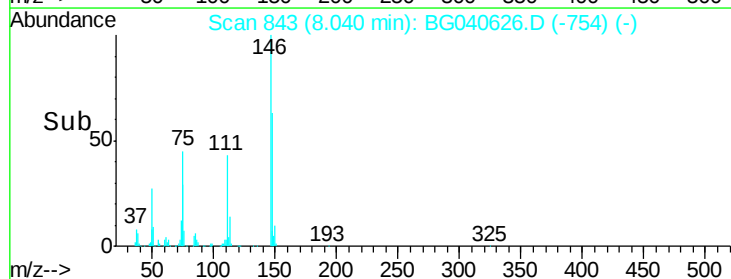
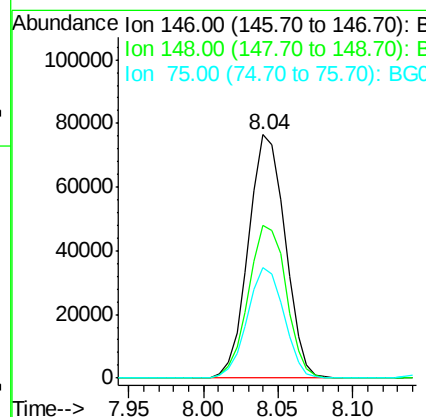
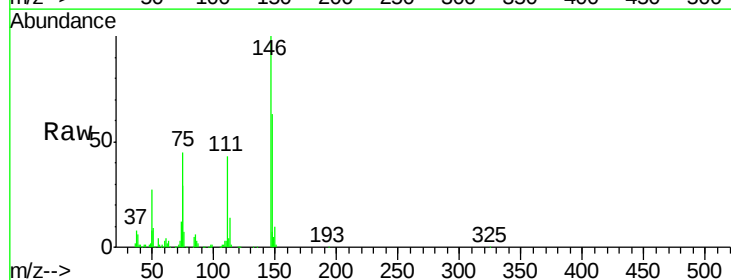
Instrument :
BNA_G
ClientSampleId :

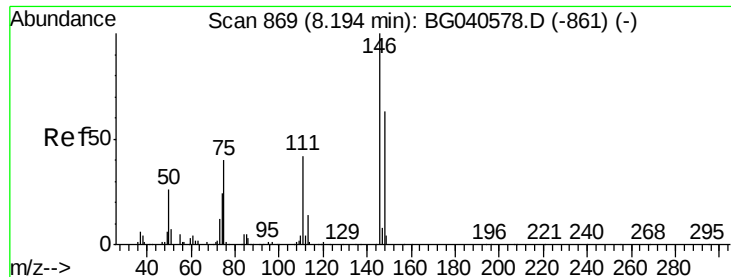
Tot Ion	93	Resp	148098
Ion Ratio	Lower	Upper	
93	100		
63	90.5	68.2	108.2
95	31.3	14.3	54.3



#12
1,3-Dichlorobenzene
Concen: 35.135 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

Tgt Ion	146	Resp	129986
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.7	76.1
75	45.4	33.4	50.2

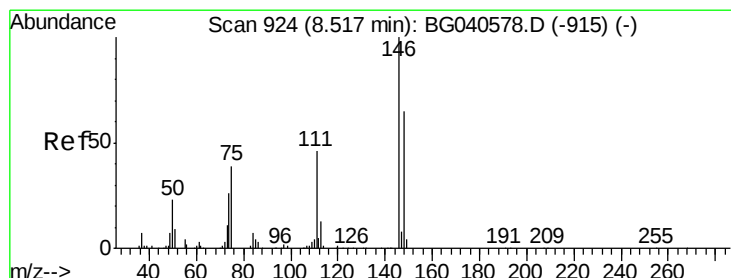
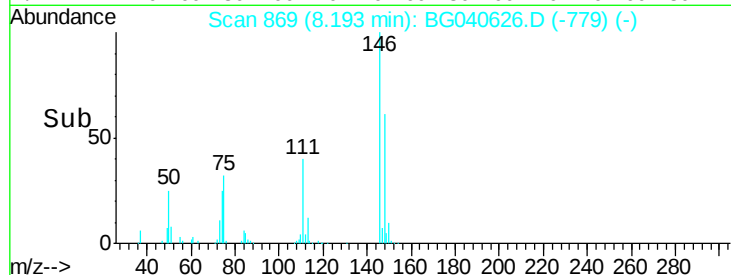
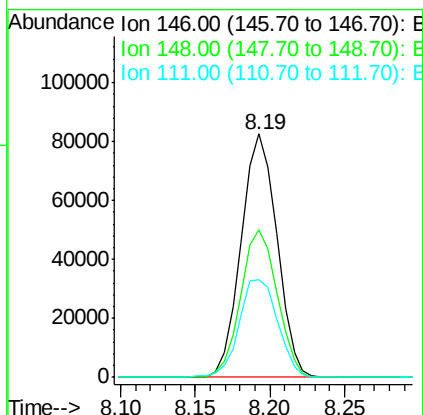
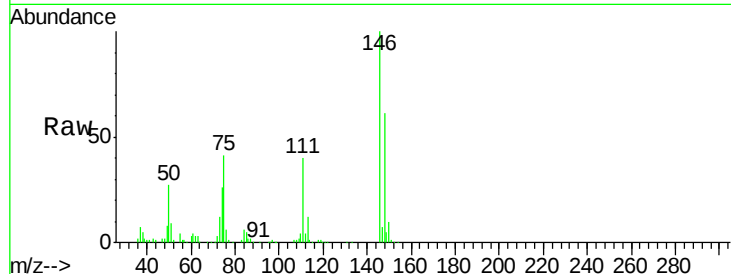




#13
 1,4-Dichlorobenzene
 Concen: 36.648 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

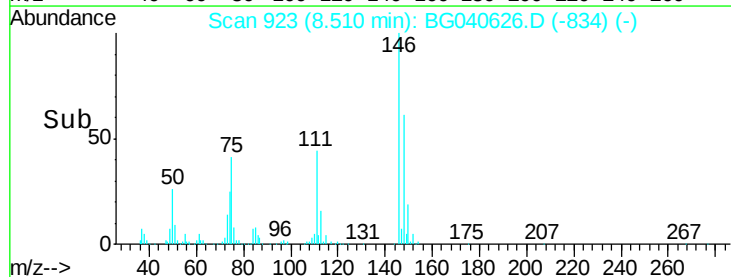
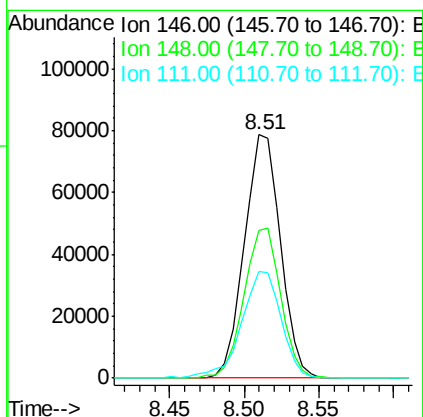
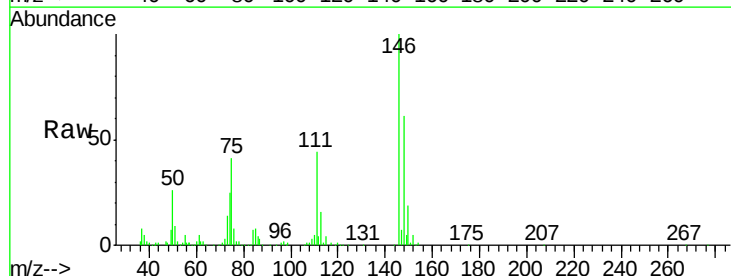
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 137445
 Ion Ratio Lower Upper
 146 100
 148 60.8 50.6 75.8
 111 40.1 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 36.236 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

Tgt Ion:146 Resp: 131062
 Ion Ratio Lower Upper
 146 100
 148 60.8 52.2 78.4
 111 43.7 37.4 56.0





#15

Benzyl Alcohol

Concen: 28.888 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

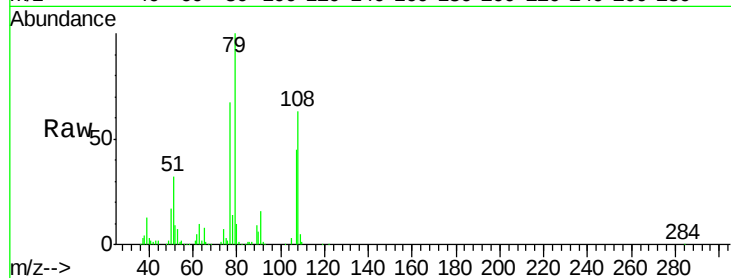
Tot Ion: 79 Resp: 128472

Ion Ratio Lower Upper

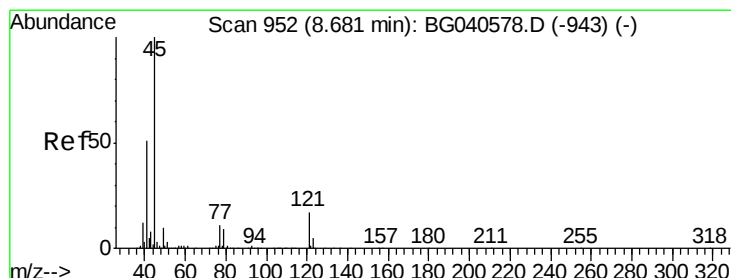
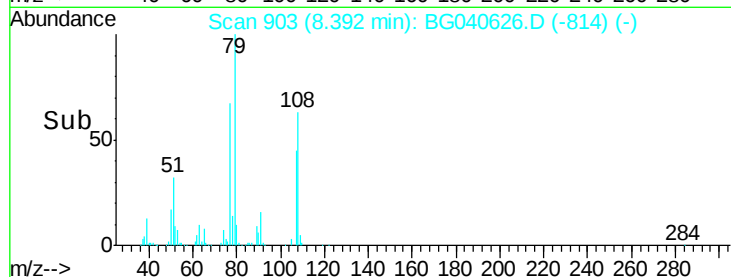
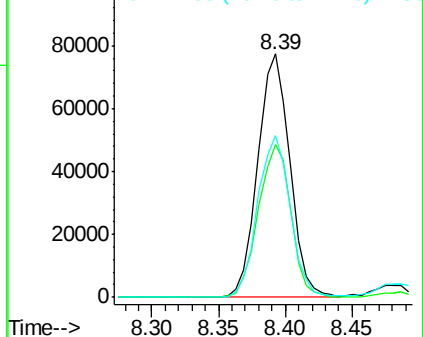
79 100

108 62.9 51.4 77.0

77 66.6 52.6 79.0



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: 42.417 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

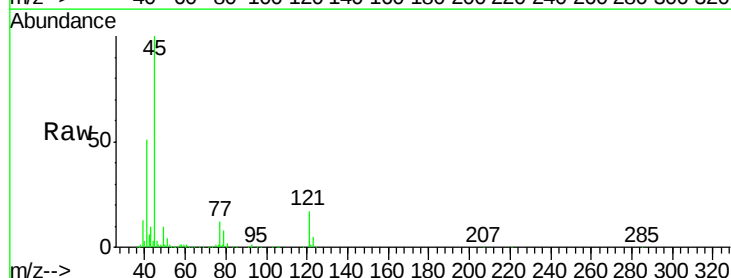
Tgt Ion: 45 Resp: 290957

Ion Ratio Lower Upper

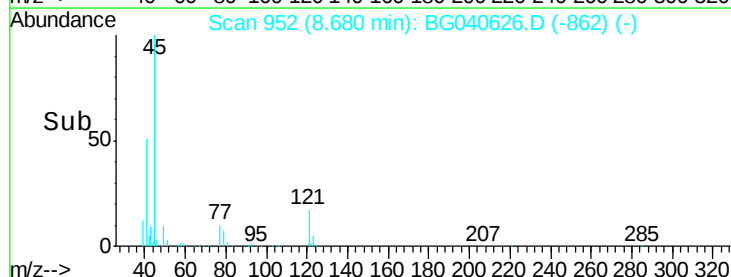
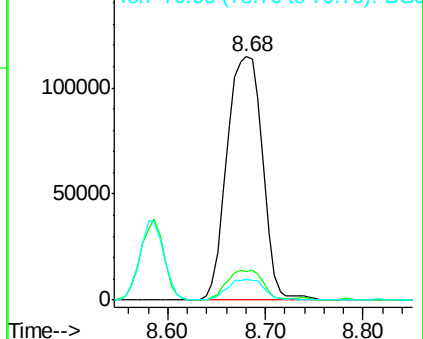
45 100

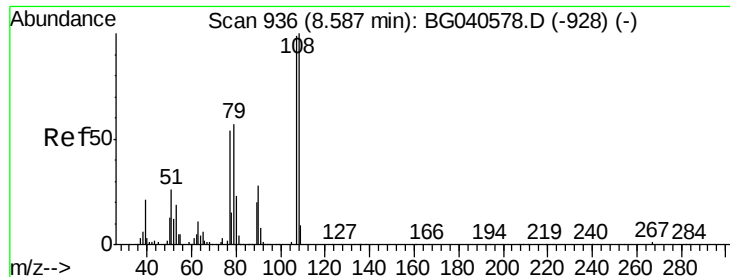
77 11.7 0.0 31.5

79 8.4 0.0 29.4



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





#17

2-Methylphenol

Concen: 33.125 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 107705

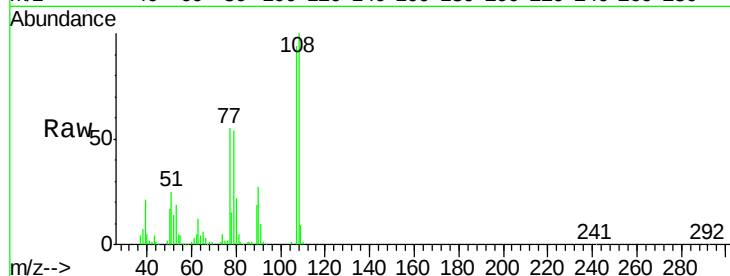
Ion Ratio Lower Upper

107 100

108 106.9 81.2 121.8

77 59.2 44.4 66.6

79 57.6 47.0 70.4

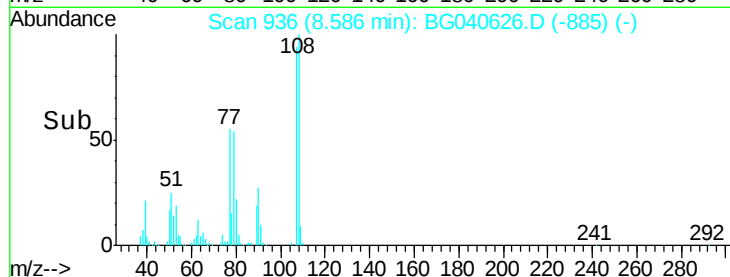


Abundance Ion 107.00 (106.70 to 107.70): E

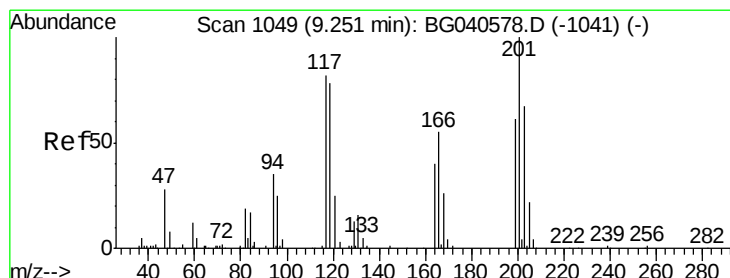
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 32.704 ng

RT: 9.24 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

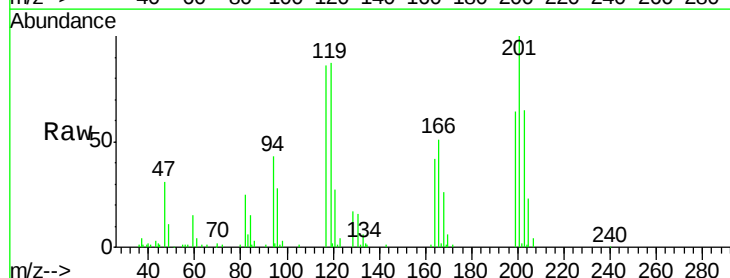
Tgt Ion:117 Resp: 50314

Ion Ratio Lower Upper

117 100

119 101.4 76.6 114.8

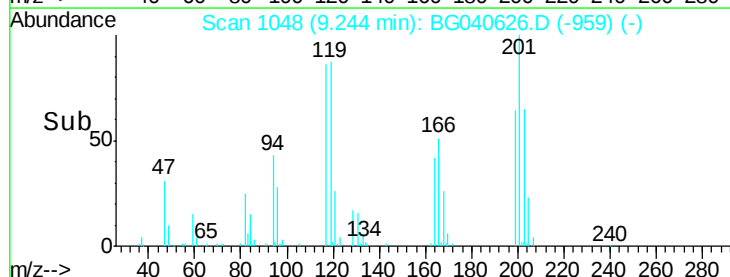
201 118.9 101.0 151.6



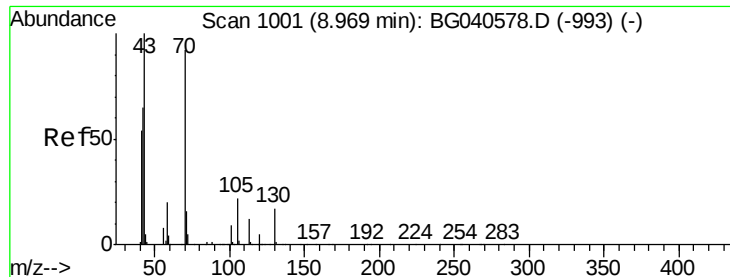
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



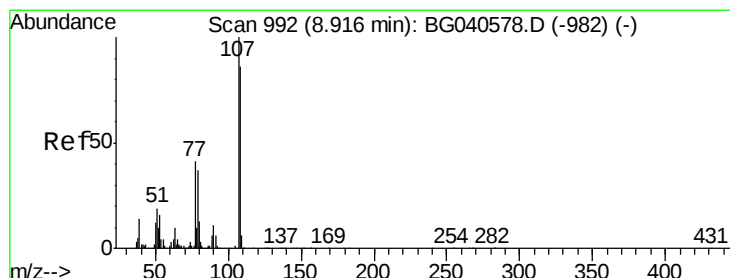
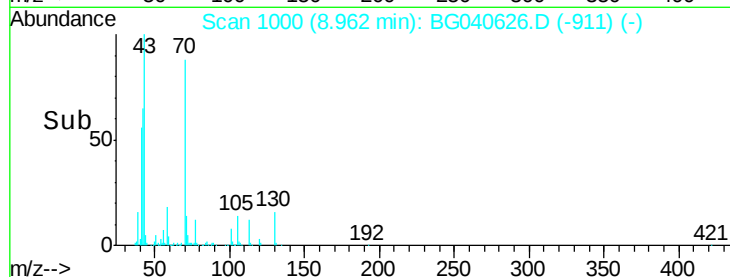
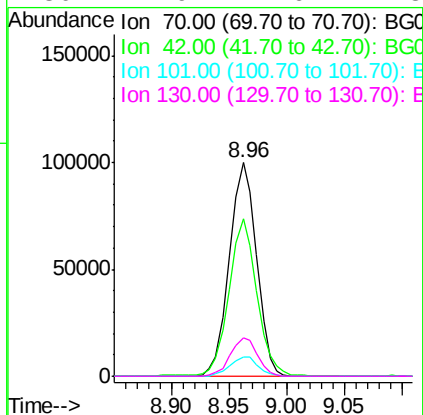
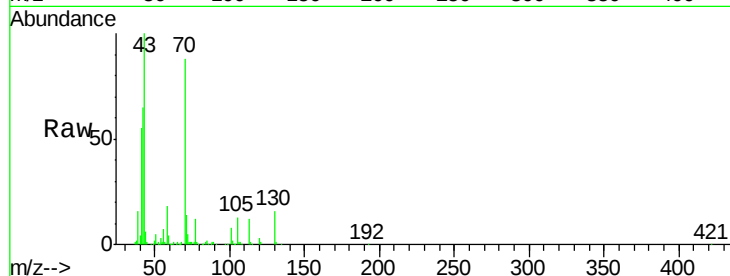
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 42.371 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

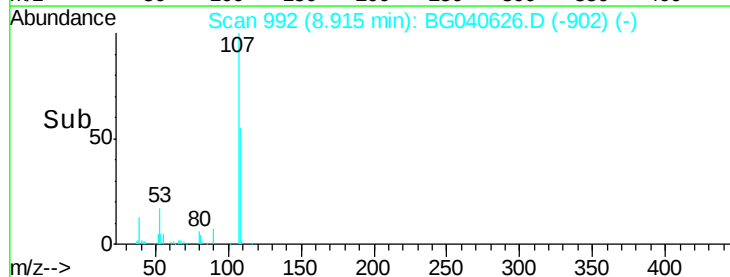
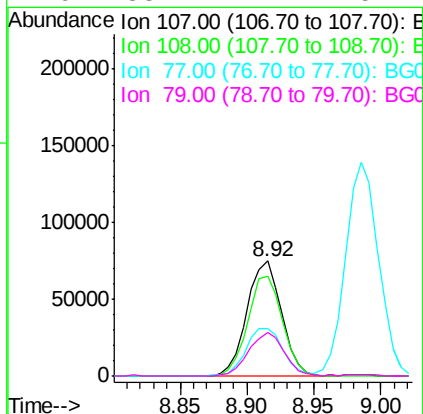
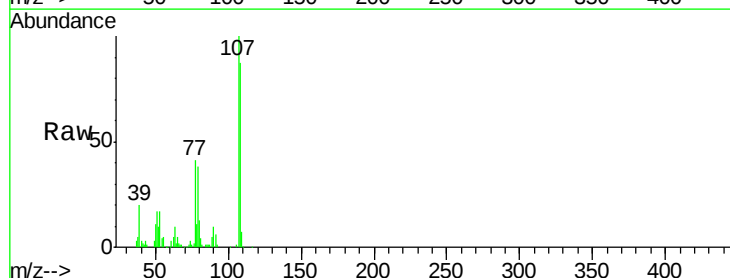
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 163020
Ion Ratio Lower Upper
70 100
42 73.8 57.1 85.7
101 9.2 7.8 11.8
130 17.9 14.6 21.8



#20
3+4-Methylphenols
Concen: 29.532 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

Tgt Ion: 107 Resp: 133766
Ion Ratio Lower Upper
107 100
108 87.3 66.1 106.1
77 41.4 21.6 61.6
79 38.4 17.4 57.4

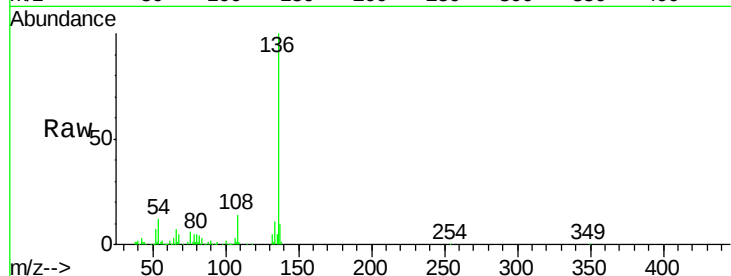




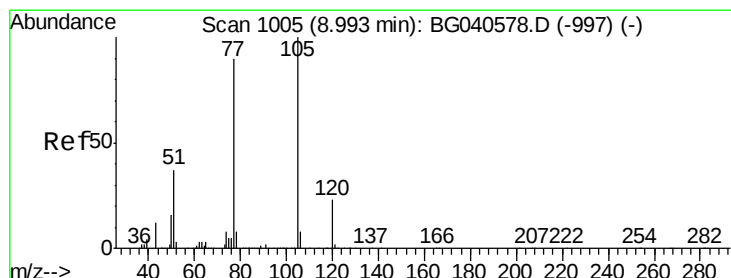
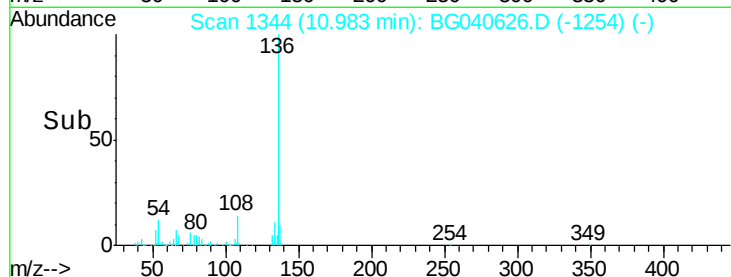
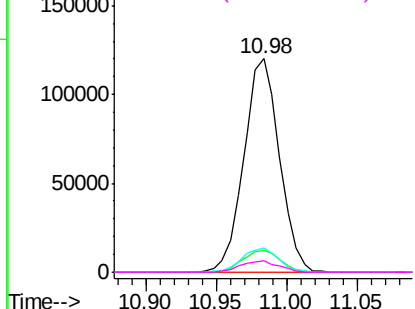
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	211647
Ion	Ratio	Lower Upper
136	100	
137	10.1	9.7 14.5
54	11.5	8.6 12.8
68	5.5	4.8 7.2

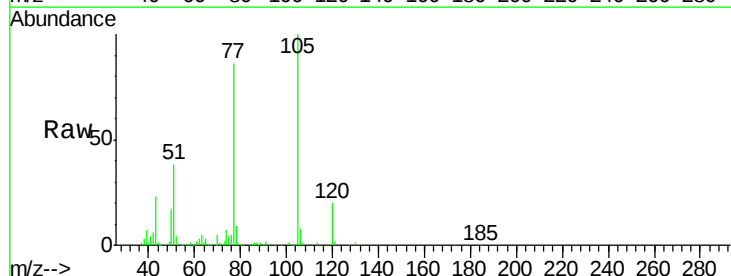


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

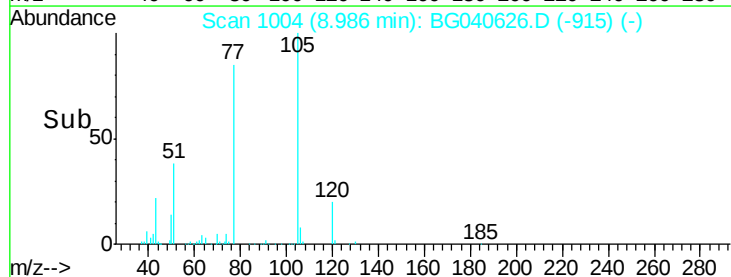
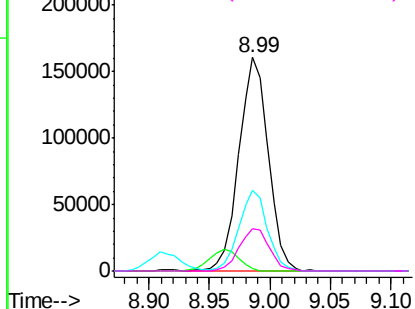


#22
Acetophenone
Concen: 46.340 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

Tgt Ion:105	Resp:	272730
Ion	Ratio	Lower Upper
105	100	
71	1.1	1.8 2.8#
51	37.8	29.8 44.8
120	19.6	18.4 27.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

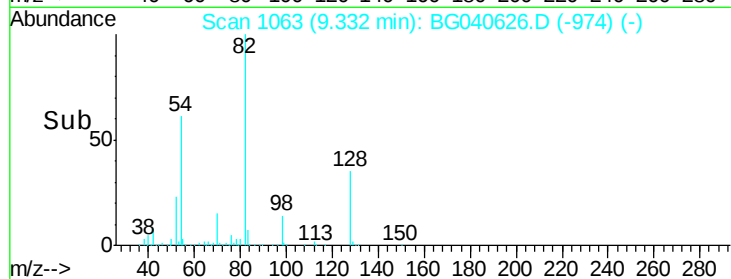
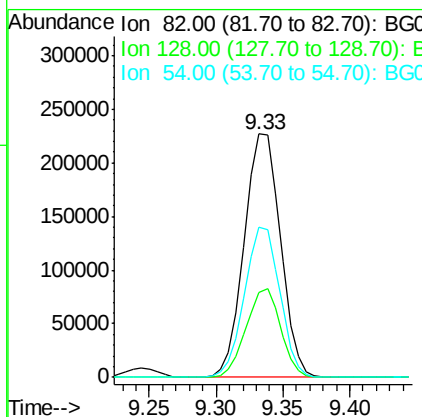
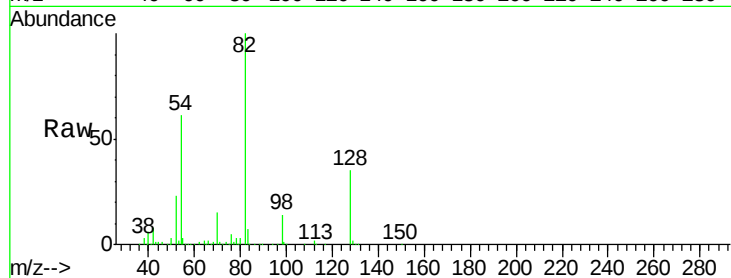




#23
 Nitrobenzene-d5
 Concen: 93.222 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

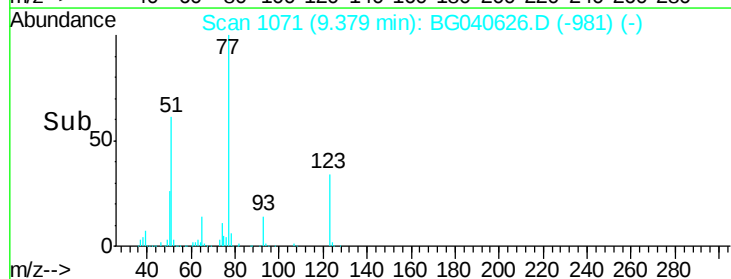
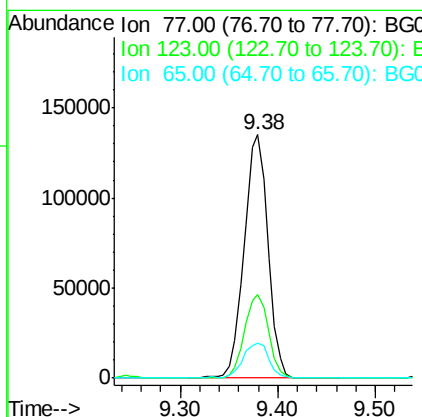
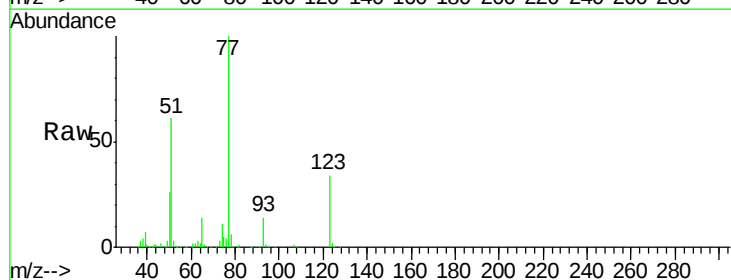
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	427003
Ion Ratio	Lower	Upper	
82	100		
128	34.9	28.9	43.3
54	61.4	47.2	70.8



#24
 Nitrobenzene
 Concen: 47.268 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

Tgt Ion	77	Resp	231003
Ion Ratio	Lower	Upper	
77	100		
123	34.3	27.8	41.6
65	14.3	12.4	18.6





#25

Isophorone

Concen: 44.373 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

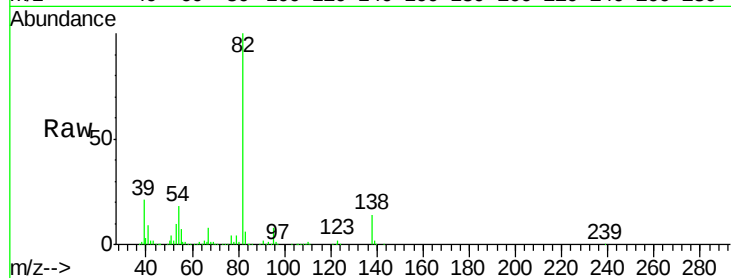
Tot Ion: 82 Resp: 452738

Ion Ratio Lower Upper

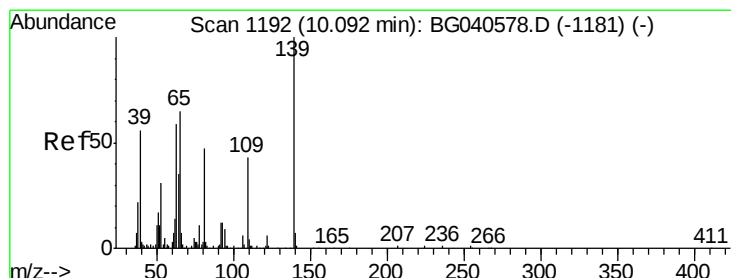
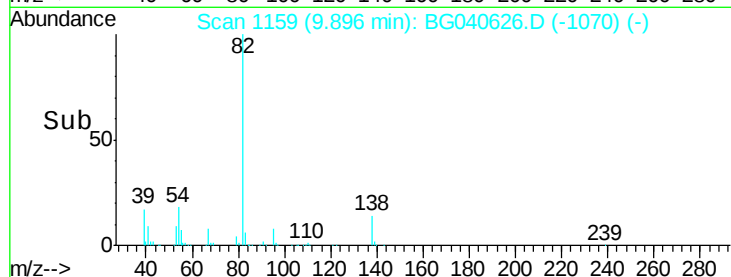
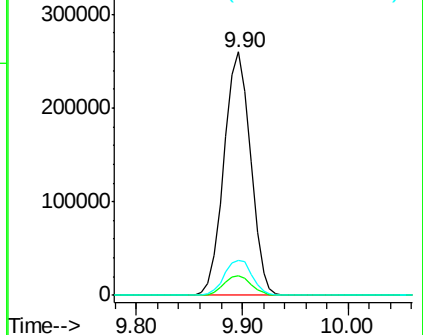
82 100

95 8.1 6.9 10.3

138 14.3 12.3 18.5



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



#26

2-Nitrophenol

Concen: 48.775 ng

RT: 10.09 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

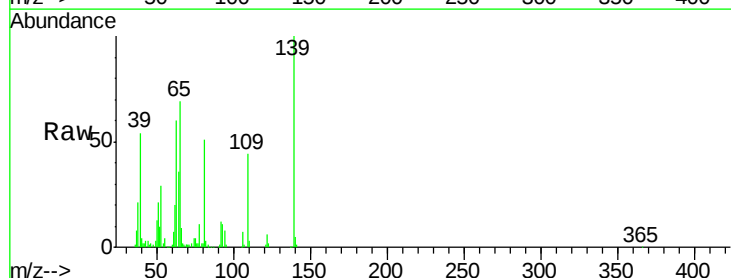
Tgt Ion: 139 Resp: 85446

Ion Ratio Lower Upper

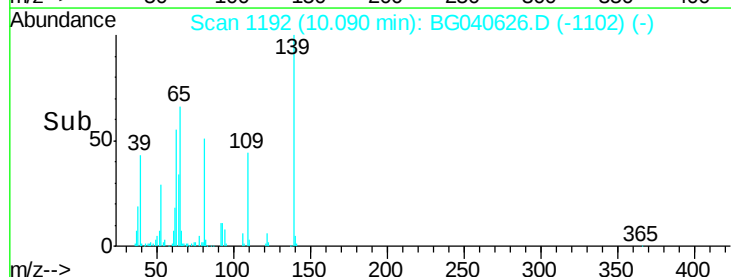
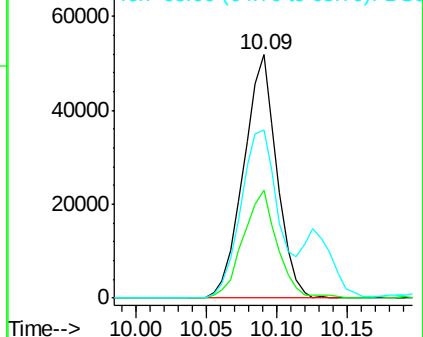
139 100

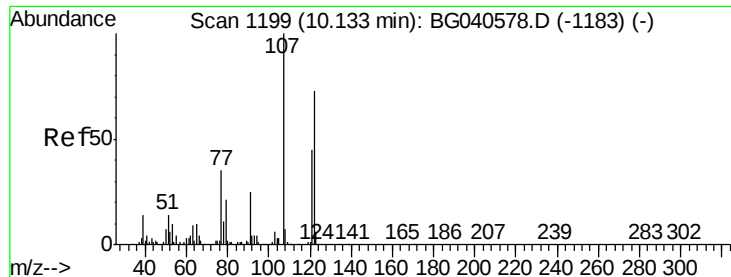
109 44.3 35.6 53.4

65 69.1 52.3 78.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

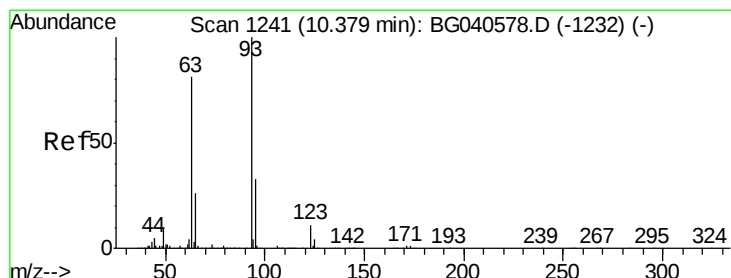
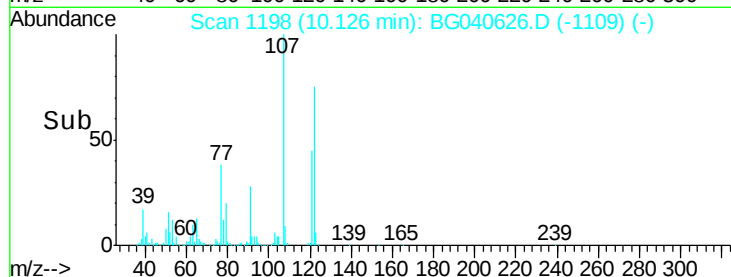
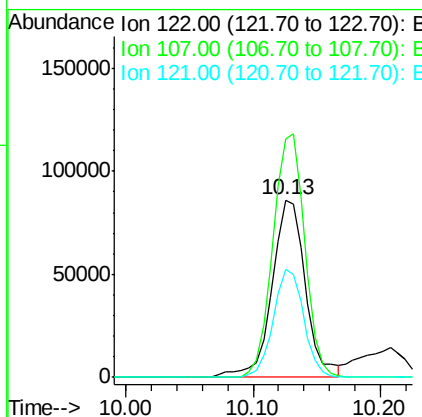
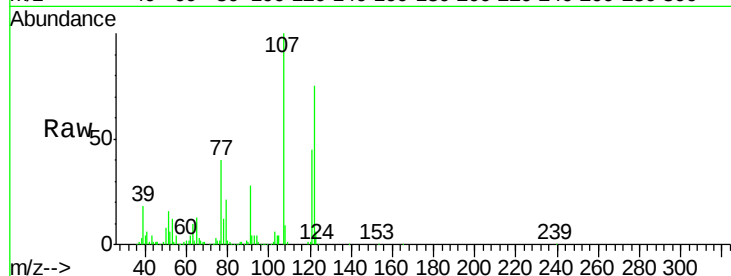




#27
 2,4-Dimethylphenol
 Concen: 47.989 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

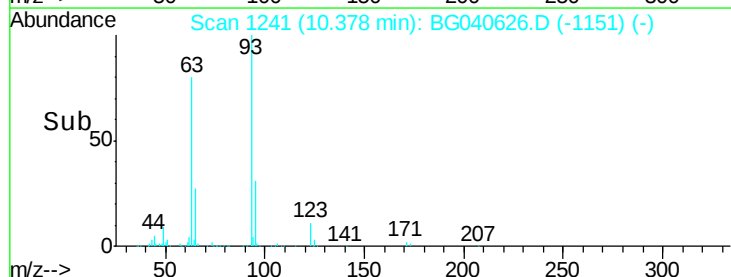
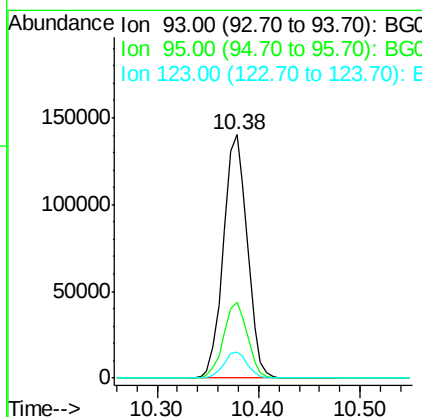
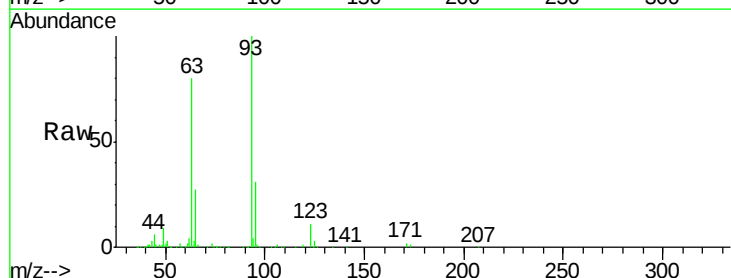
Instrument :
 BNA_G
 ClientSampleId :

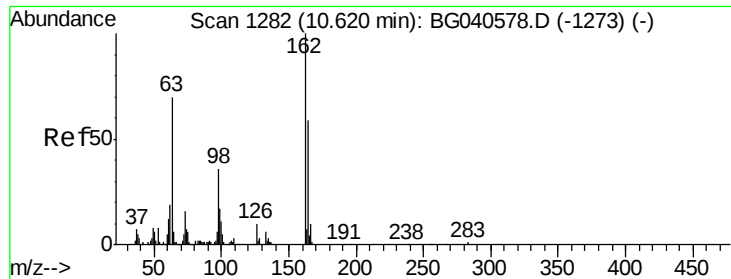
Tot Ion	Ratio	Lower	Upper
122	100		
107	134.1	110.1	165.1
121	61.0	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.878 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.6	40.0
123	10.8	9.0	13.4

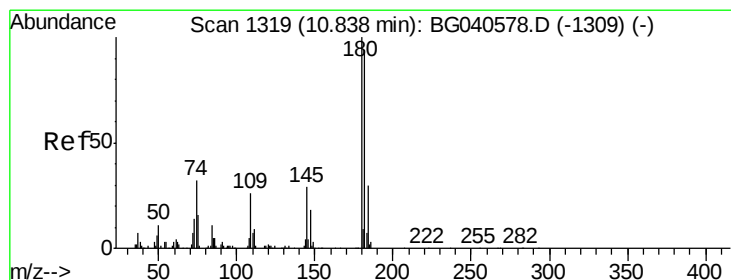
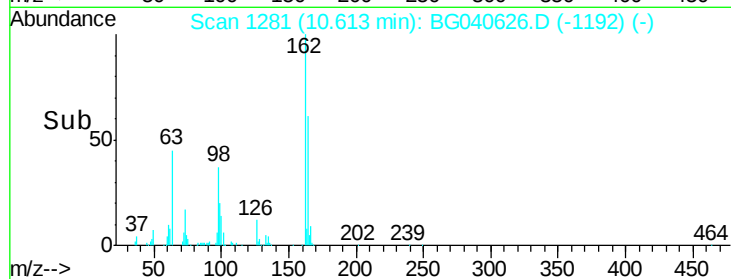
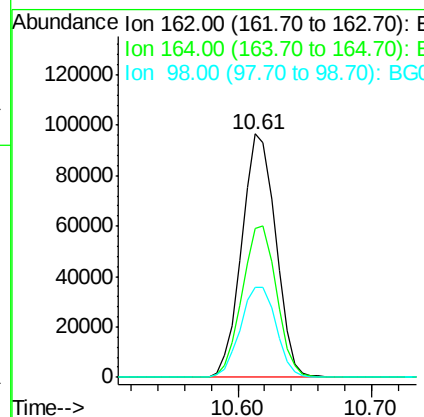
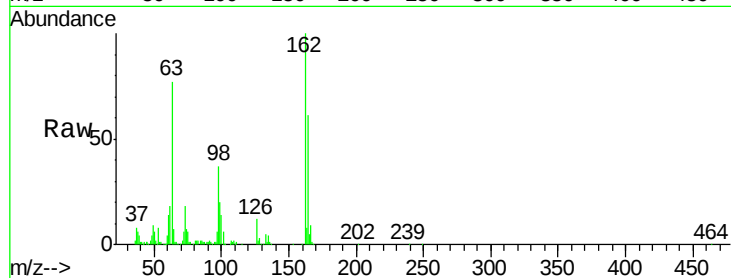




#29
 2,4-Dichlorophenol
 Concen: 45.643 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

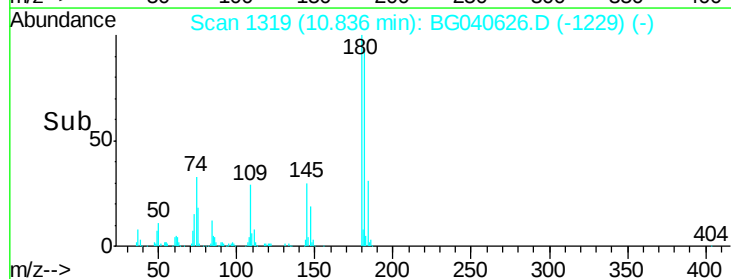
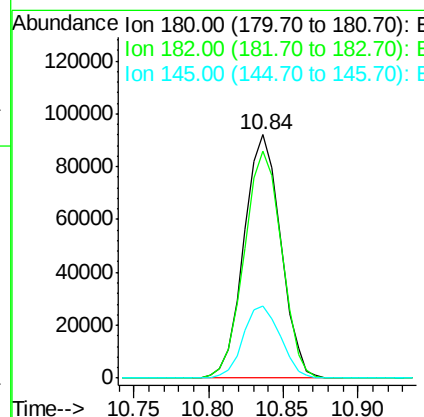
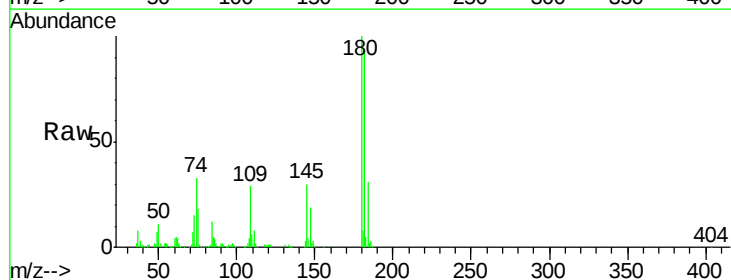
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.1	38.9	78.9
98	37.2	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.938 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.2	112.8
145	29.8	23.6	35.4

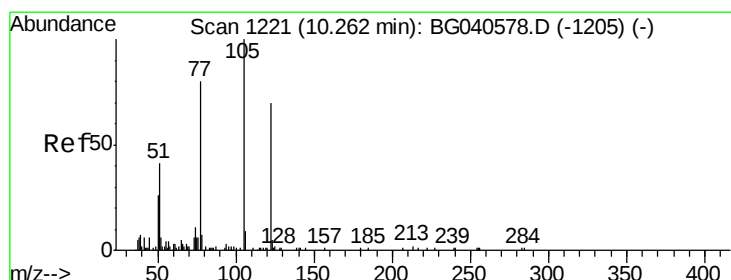
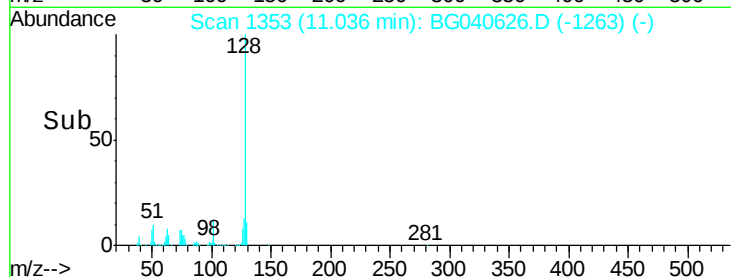
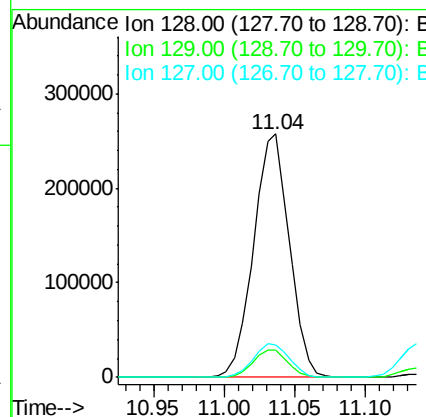
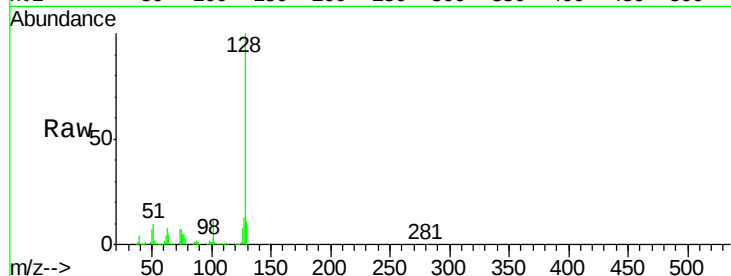




#31
Naphthalene
Concen: 40.597 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

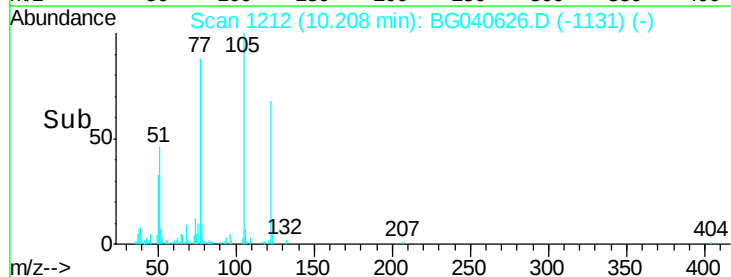
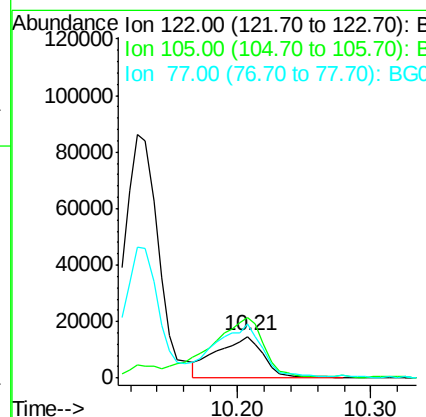
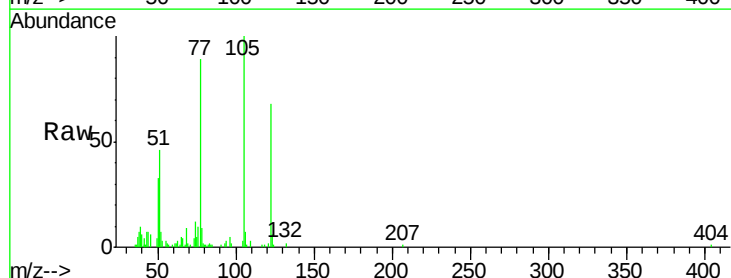
Instrument :
BNA_G
ClientSampleId :

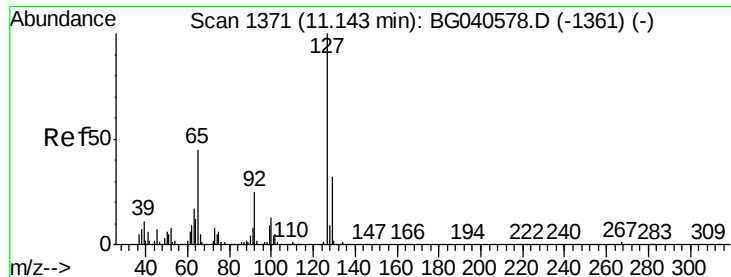
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.4	11.3	16.9



#32
Benzoic acid
Concen: 15.908 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.3	110.9	150.9
77	129.5	87.6	127.6

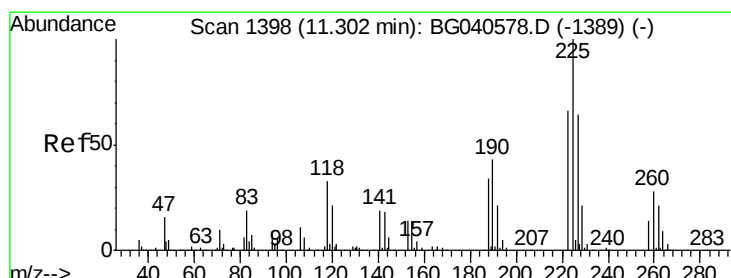
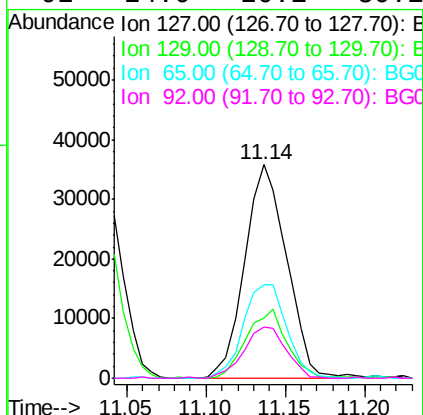
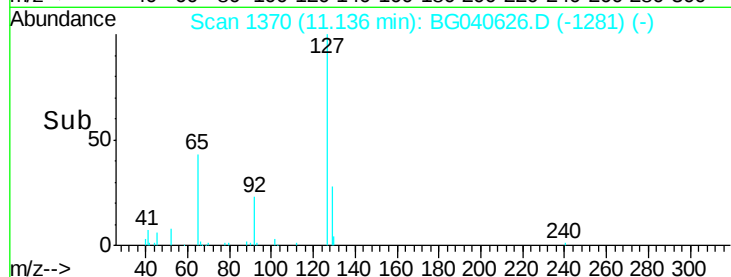
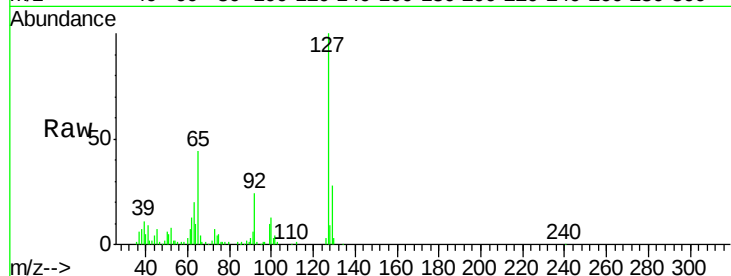




#33
4-Chloroaniline
Concen: 13.176 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

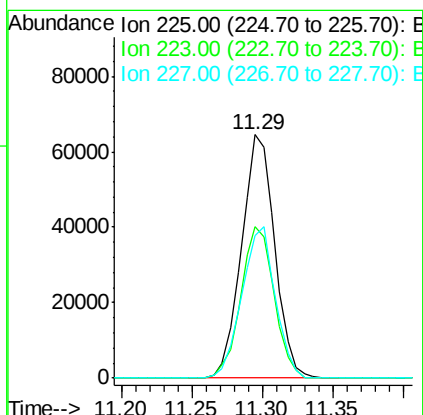
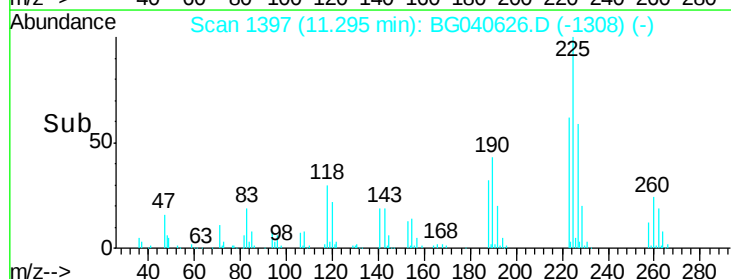
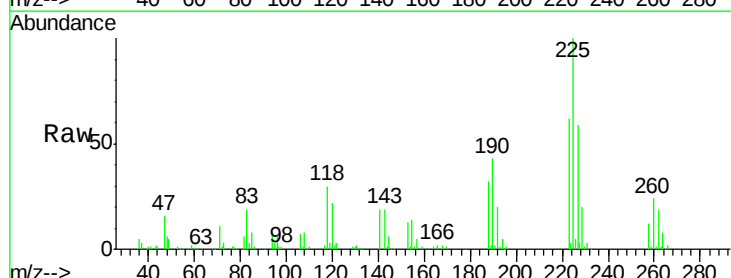
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	65688
Ion	Ratio	Lower	Upper
127	100		
129	28.3	25.7	38.5
65	43.7	36.1	54.1
92	24.0	20.1	30.1



#34
Hexachlorobutadiene
Concen: 34.685 ng
RT: 11.29 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

Tgt Ion:	225	Resp:	106110
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.4	75.6
227	61.7	51.0	76.6





#35

Caprolactam

Concen: 5.547 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

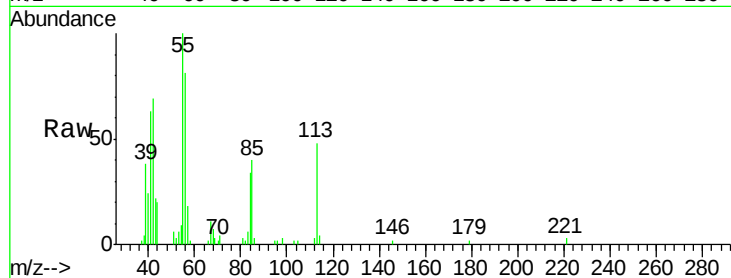
Tot Ion:113 Resp: 8184

Ion Ratio Lower Upper

113 100

55 208.9 198.6 238.6

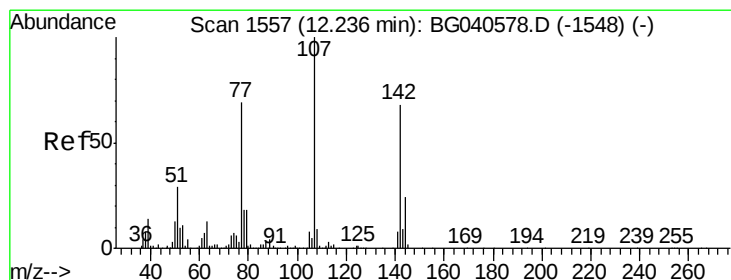
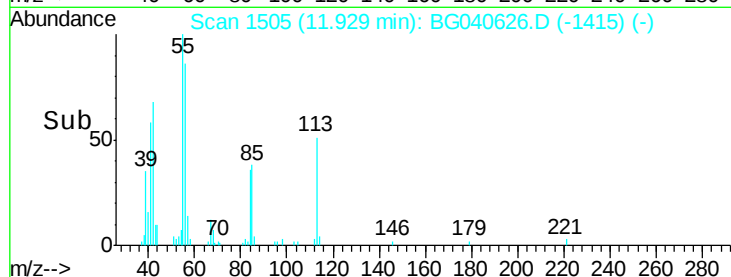
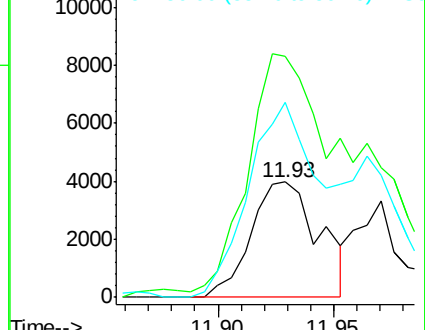
56 169.2 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.688 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

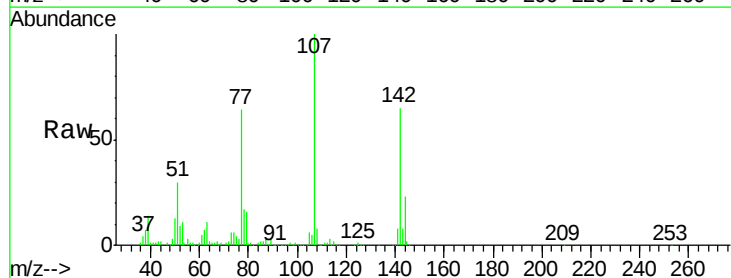
Tgt Ion:107 Resp: 205947

Ion Ratio Lower Upper

107 100

144 22.6 19.3 28.9

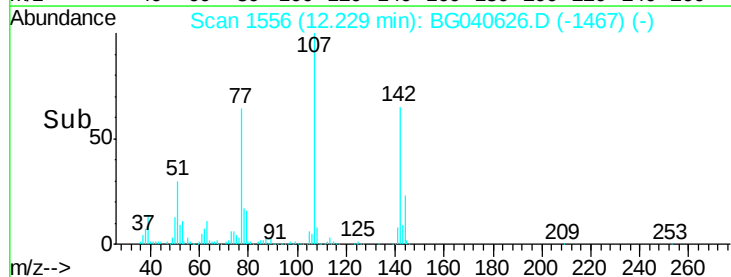
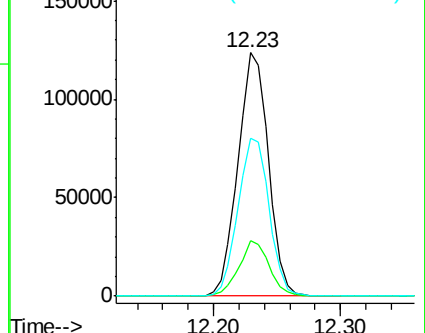
142 64.6 54.6 81.8

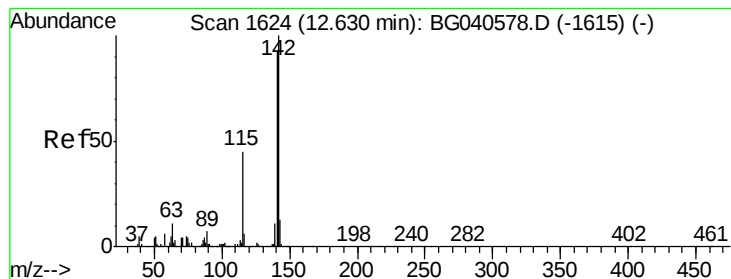


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.041 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampled :

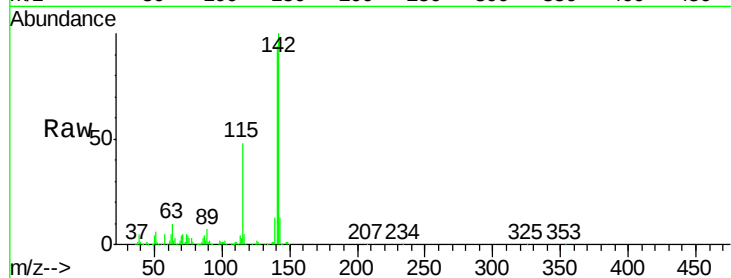
Tot Ion:142 Resp: 361846

Ion Ratio Lower Upper

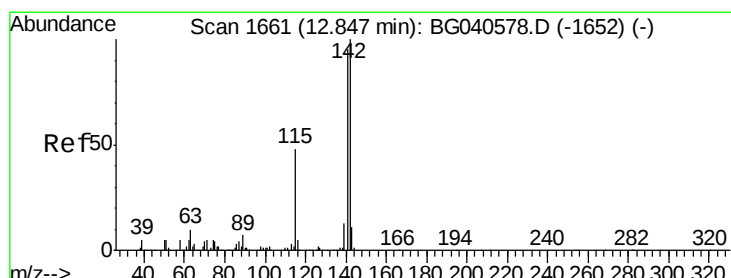
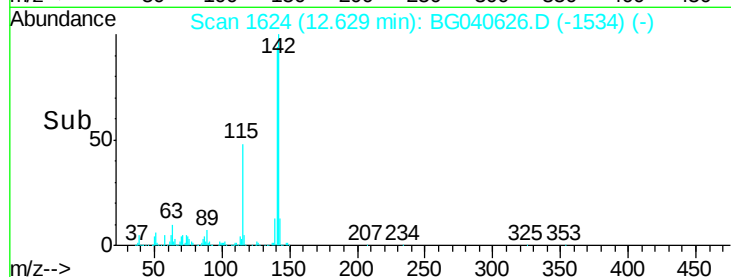
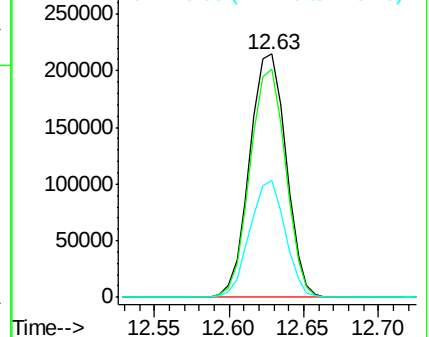
142 100

141 93.7 73.4 110.2

115 48.0 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.020 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

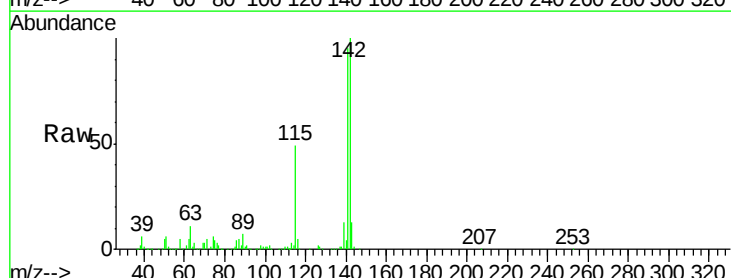
Tgt Ion:142 Resp: 353510

Ion Ratio Lower Upper

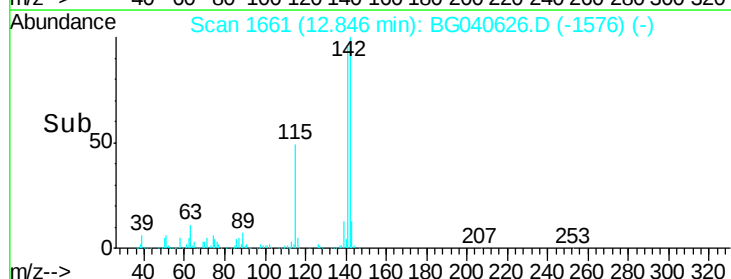
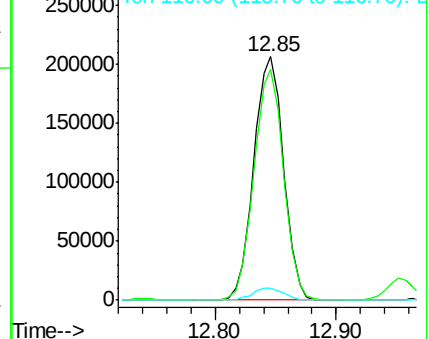
142 100

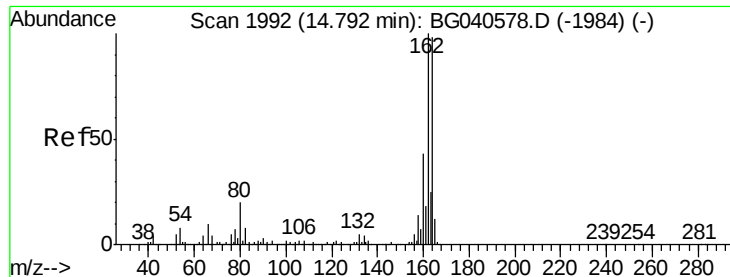
141 94.7 75.9 113.9

116 4.7 4.2 6.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

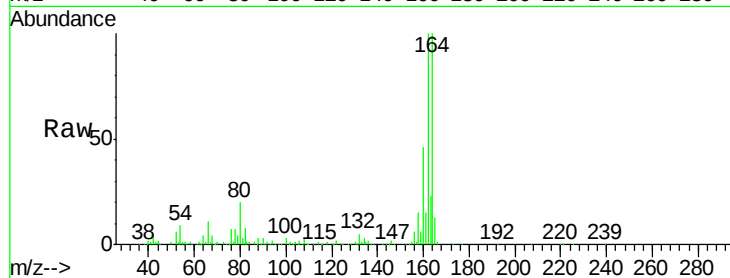
Tot Ion:164 Resp: 158715

Ion Ratio Lower Upper

164 100

162 100.0 81.9 122.9

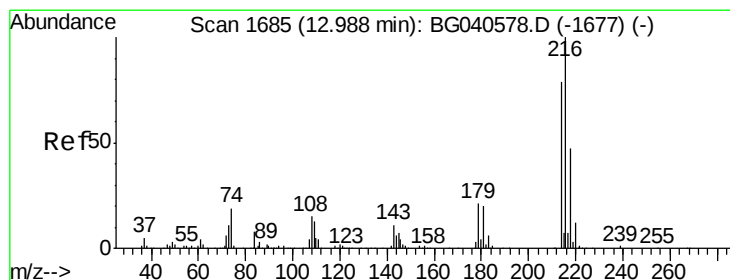
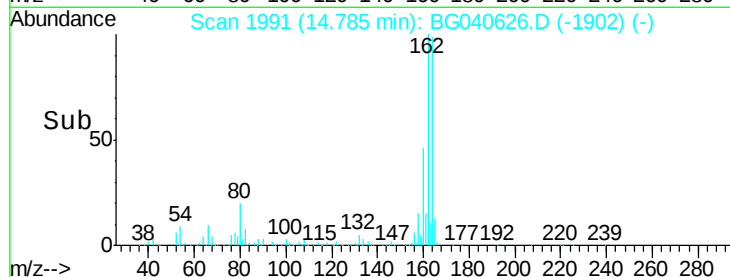
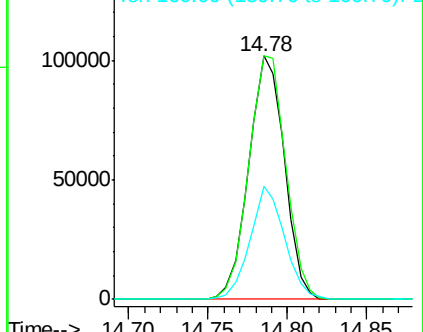
160 46.3 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.299 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Tgt Ion:216 Resp: 238267

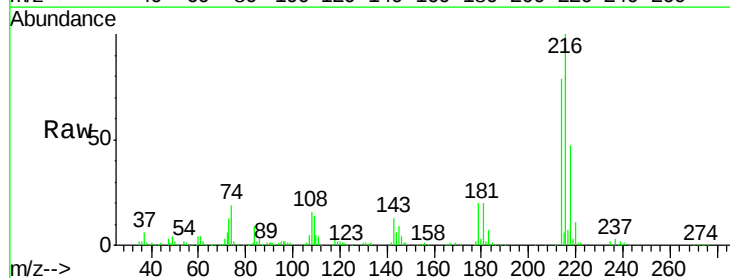
Ion Ratio Lower Upper

216 100

214 79.2 63.7 95.5

179 19.8 16.6 24.8

108 20.0 14.7 22.1

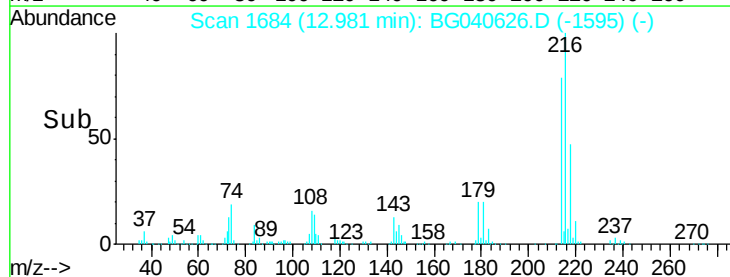
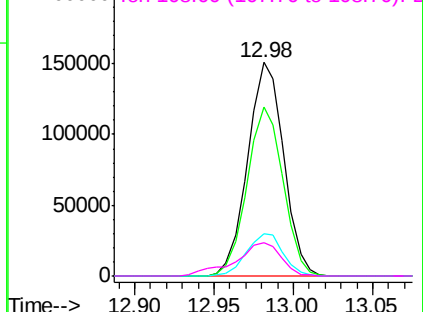


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.600 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

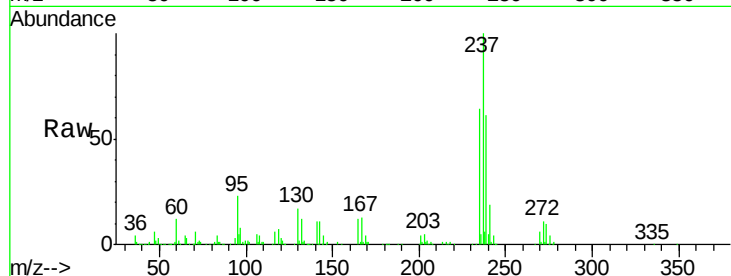
Tot Ion:237 Resp: 270736

Ion Ratio Lower Upper

237 100

235 64.1 42.5 82.5

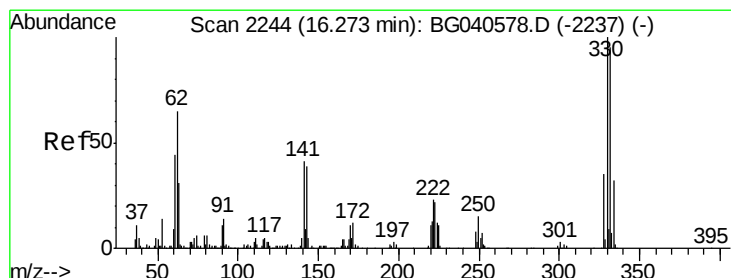
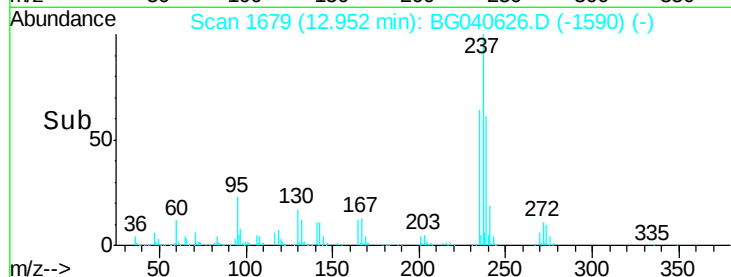
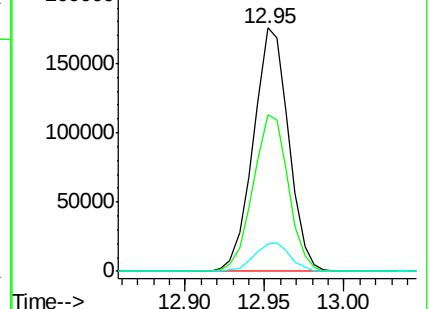
272 11.1 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.552 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

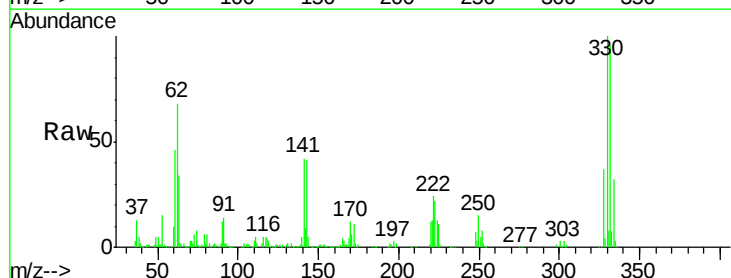
Tgt Ion:330 Resp: 304442

Ion Ratio Lower Upper

330 100

332 94.9 75.9 113.9

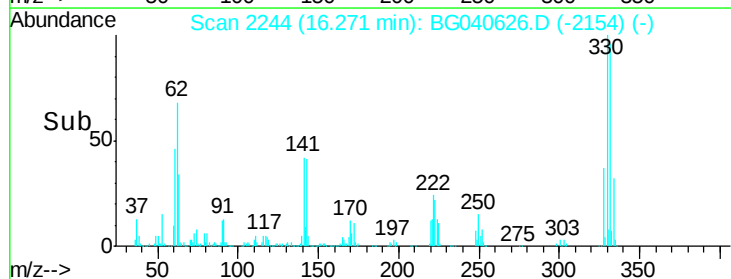
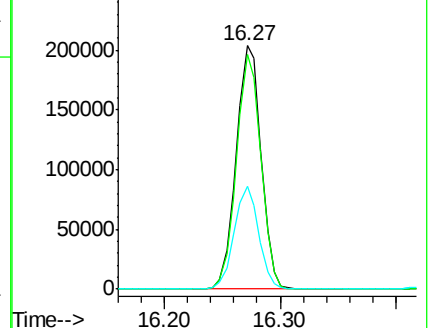
141 41.5 32.4 48.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

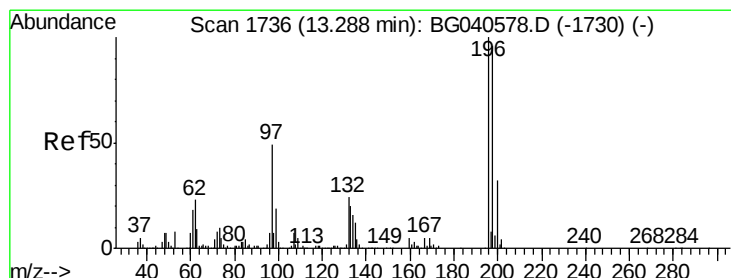
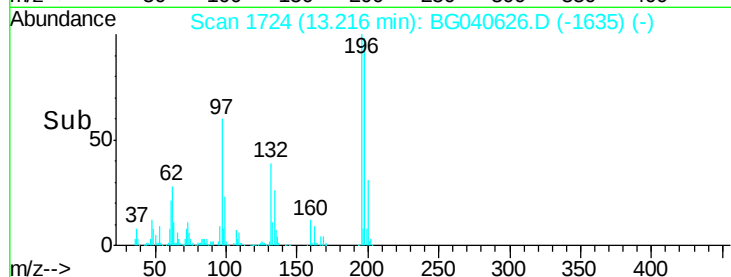
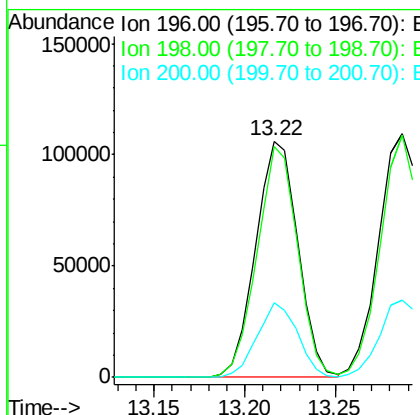
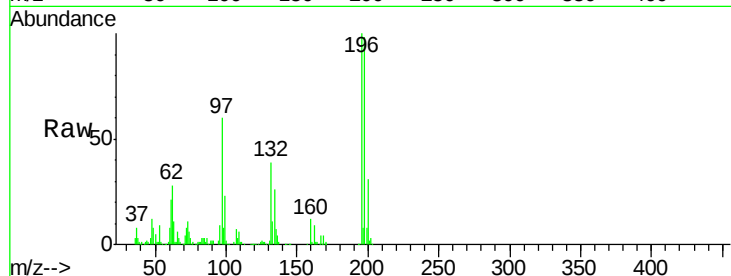




#43
 2,4,6-Trichlorophenol
 Concen: 48.051 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

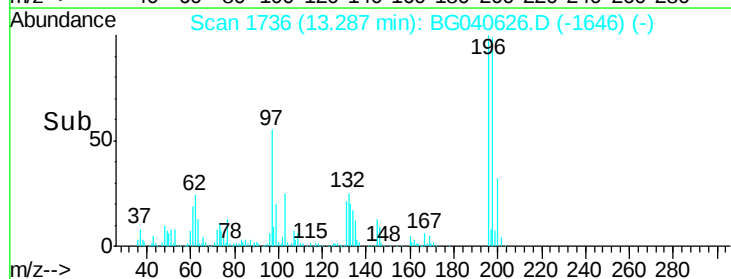
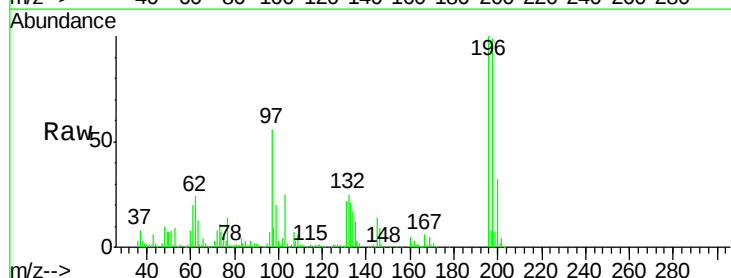
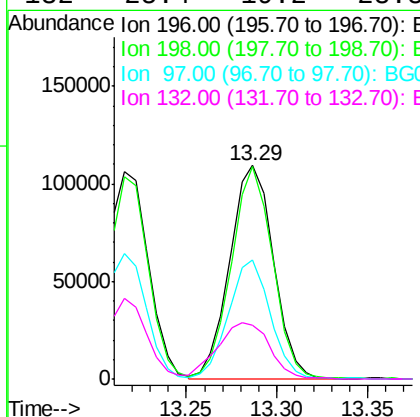
Instrument :
 BNA_G
 ClientSampled :

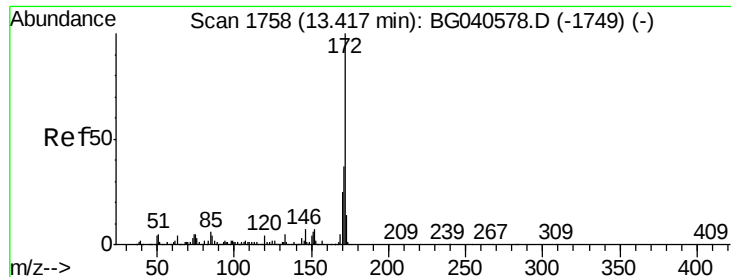
Tot Ion	196	Resp	171685
Ion Ratio	Lower	Upper	
196	100		
198	97.6	74.8	112.2
200	31.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.123 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

Tgt Ion	196	Resp	183416
Ion Ratio	Lower	Upper	
196	100		
198	99.4	77.0	115.6
97	55.7	40.0	60.0
132	25.4	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 83.310 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

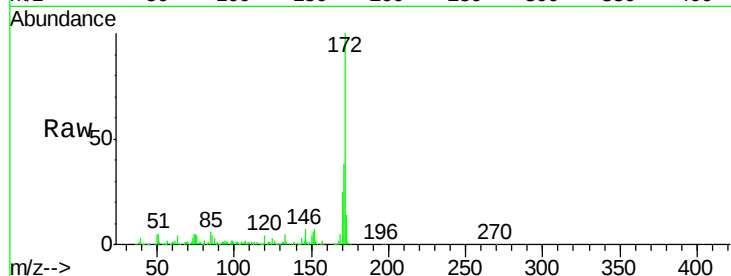
Tot Ion:172 Resp: 915561

Ion Ratio Lower Upper

172 100

171 38.4 29.4 44.2

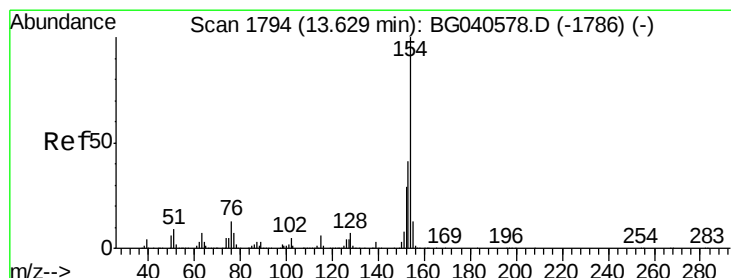
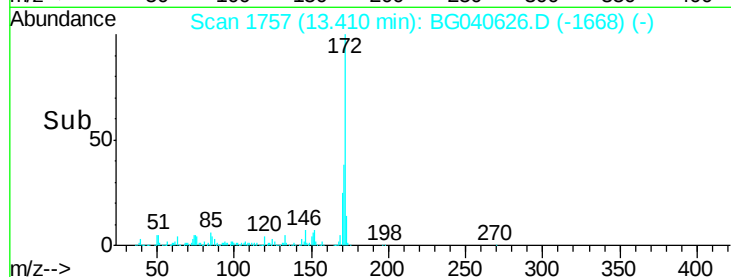
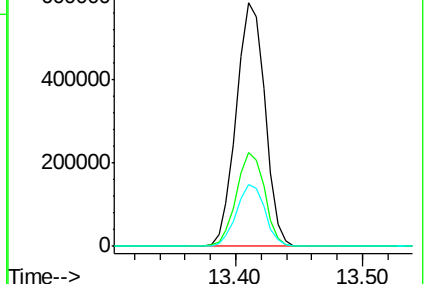
170 25.3 19.9 29.9



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: 41.693 ng

RT: 13.62 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

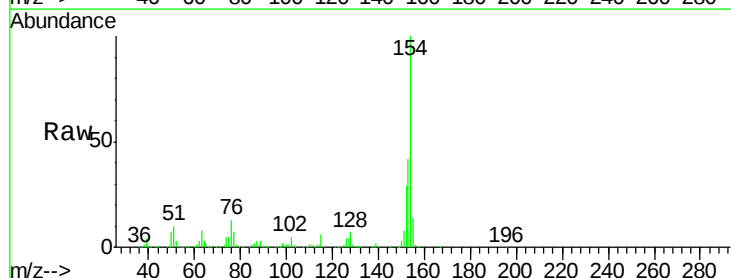
Tgt Ion:154 Resp: 513774

Ion Ratio Lower Upper

154 100

153 42.2 20.5 60.5

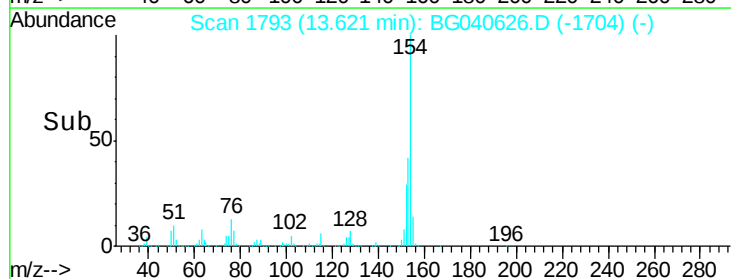
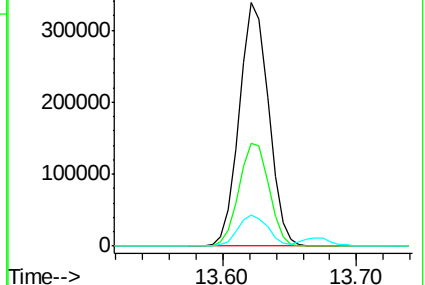
76 12.8 0.0 32.5

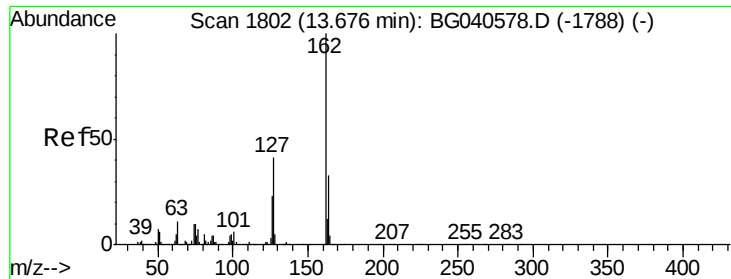


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

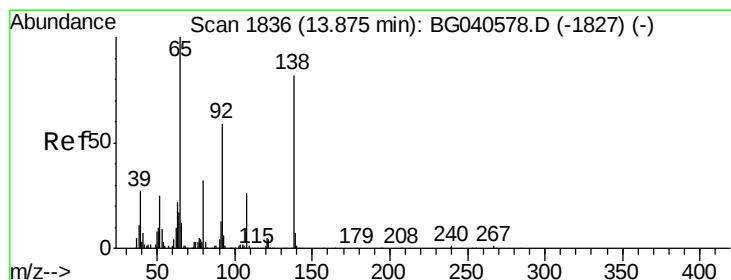
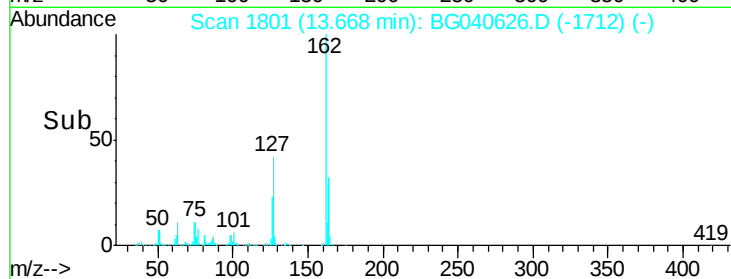
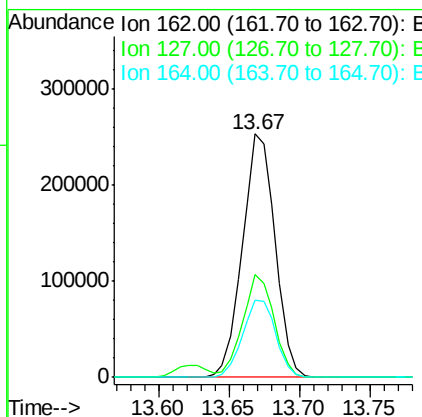
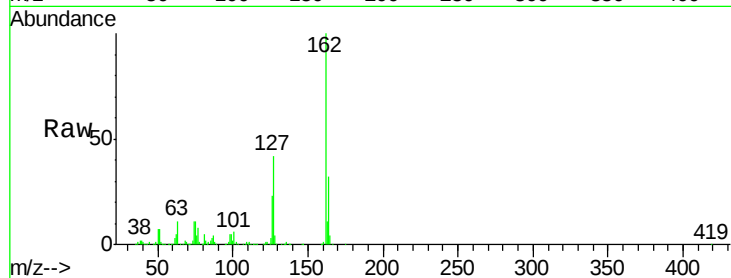




#47
 2-Chloronaphthalene
 Concen: 42.494 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

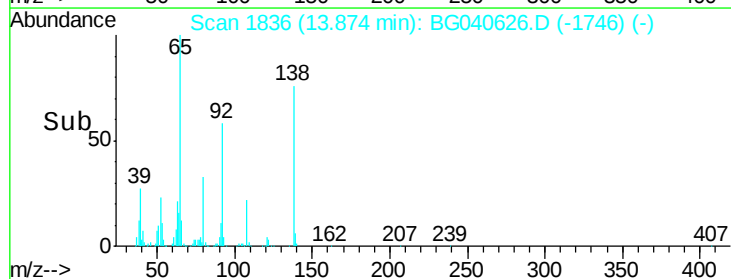
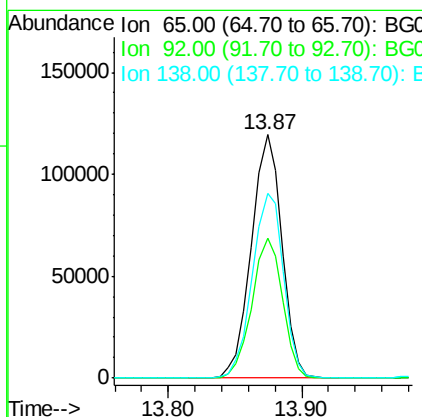
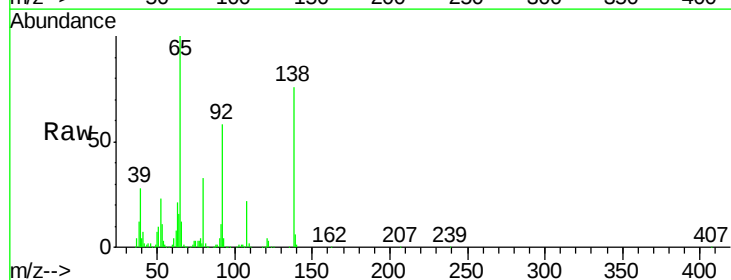
Instrument :
 BNA_G
 ClientSampleId :

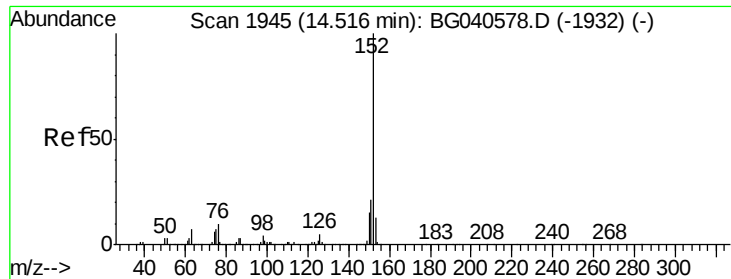
Tot Ion	162	Resp	409803
Ion Ratio	Lower	Upper	
162	100		
127	42.1	33.0	49.4
164	31.8	26.8	40.2



#48
 2-Nitroaniline
 Concen: 54.802 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

Tgt Ion	65	Resp	188123
Ion Ratio	Lower	Upper	
65	100		
92	57.7	47.4	71.0
138	75.9	66.1	99.1





#49

Acenaphthylene

Concen: 41.724 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampled :

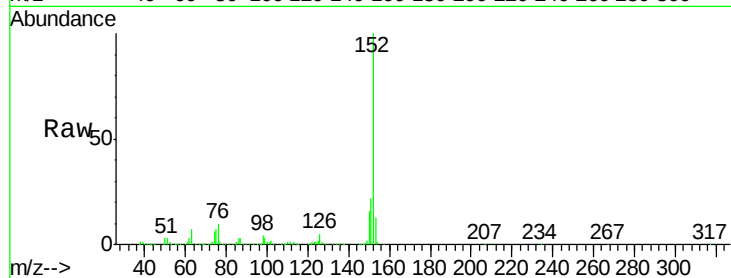
Tot Ion:152 Resp: 682672

Ion Ratio Lower Upper

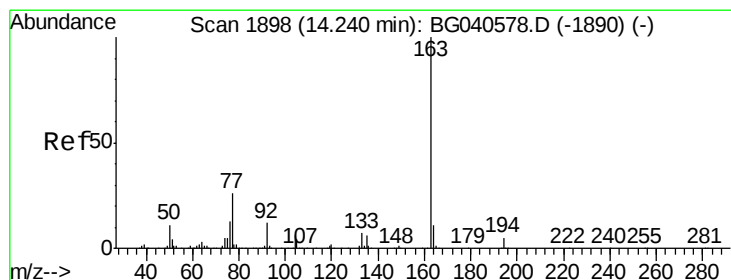
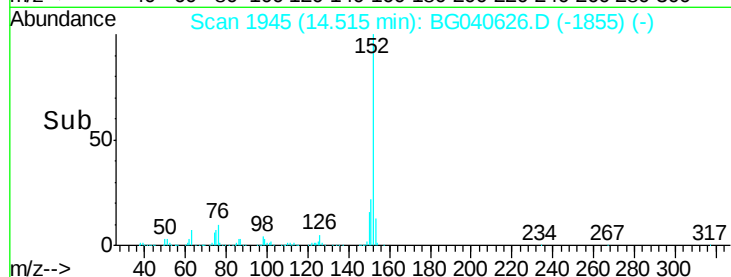
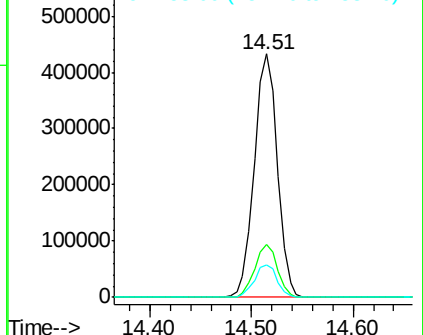
152 100

151 21.6 17.2 25.8

153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.599 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

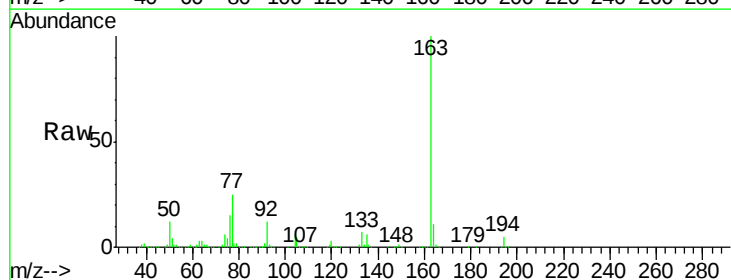
Tgt Ion:163 Resp: 605519

Ion Ratio Lower Upper

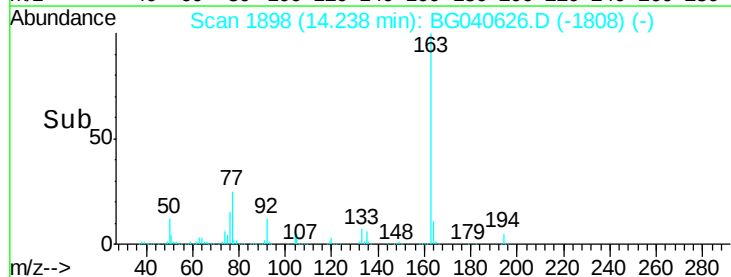
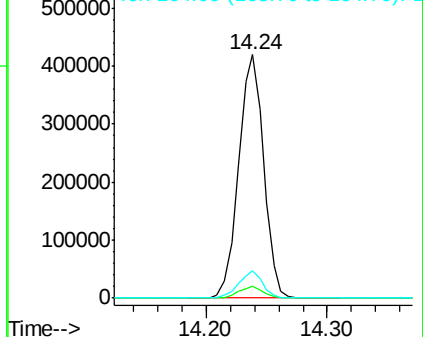
163 100

194 5.0 3.8 5.8

164 11.1 8.8 13.2



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: 50.147 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

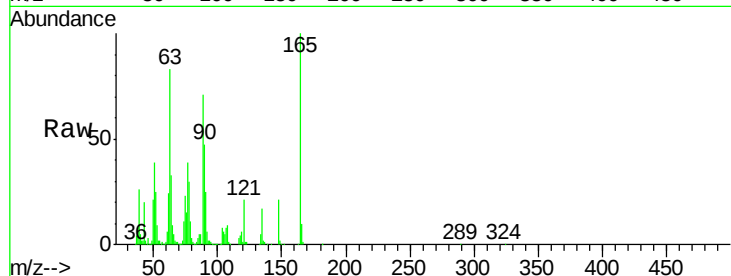
Tot Ion:165 Resp: 129966

Ion Ratio Lower Upper

165 100

63 83.3 61.0 91.4

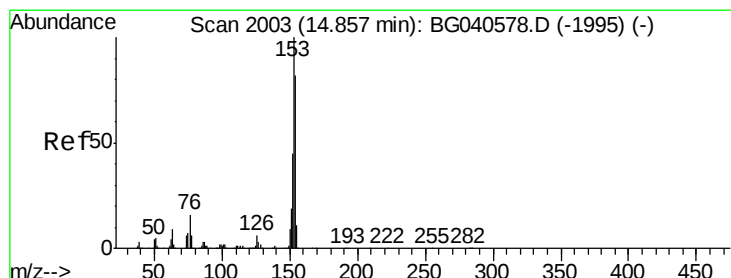
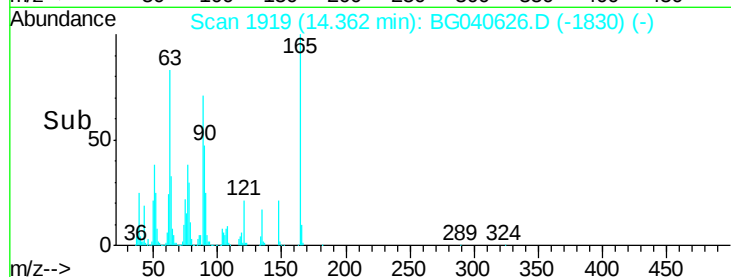
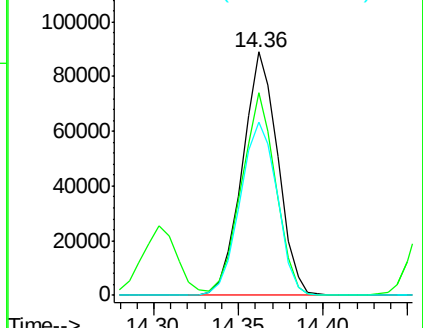
89 71.3 58.6 87.8



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: 42.768 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

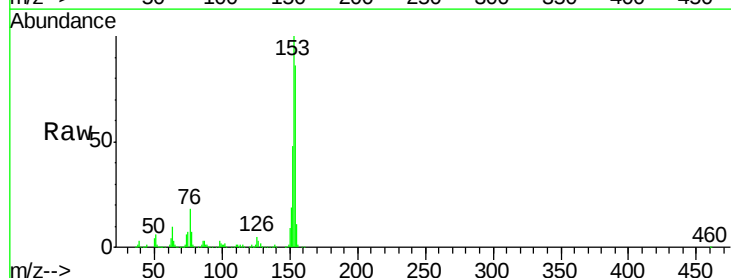
Tgt Ion:154 Resp: 407514

Ion Ratio Lower Upper

154 100

153 115.7 97.0 145.6

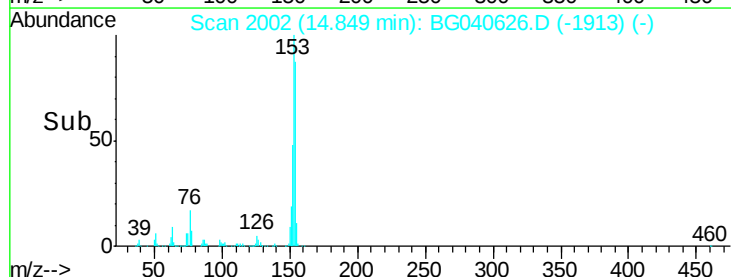
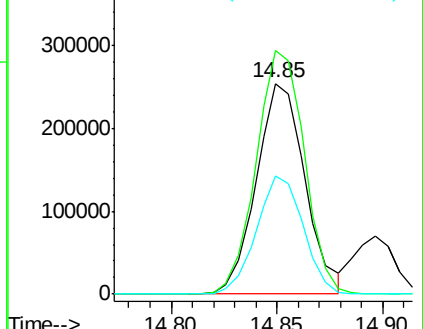
152 55.9 44.1 66.1

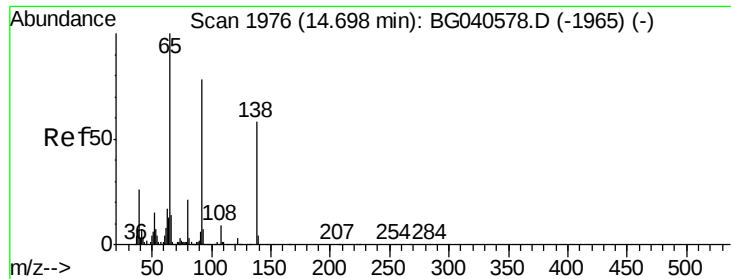


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

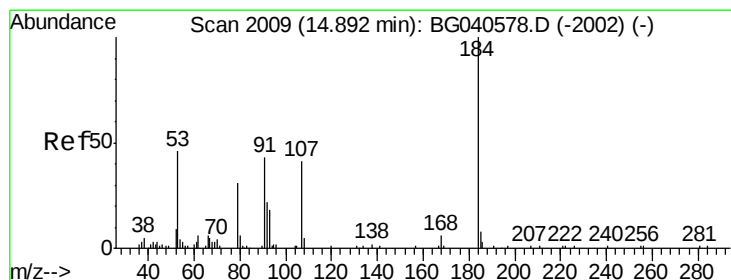
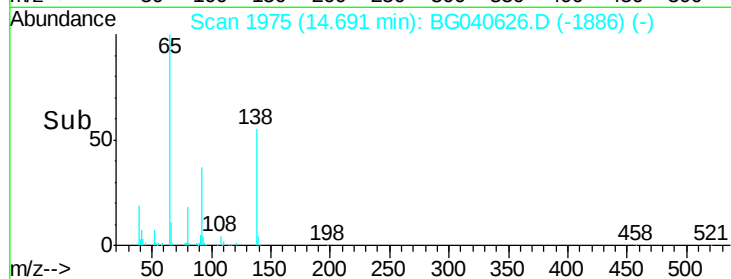
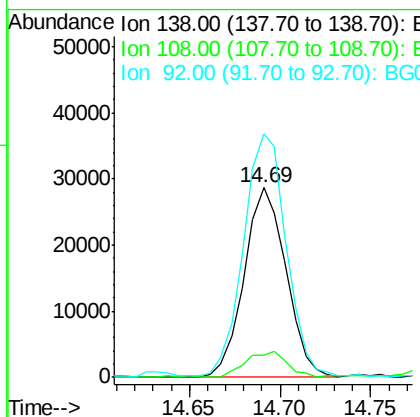
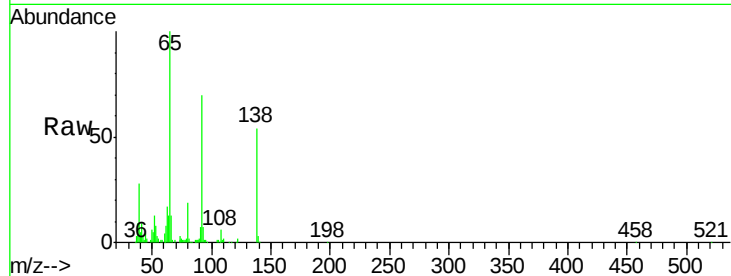




#53
3-Nitroaniline
Concen: 17.321 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

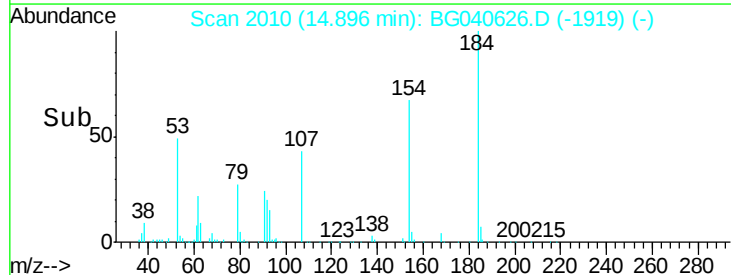
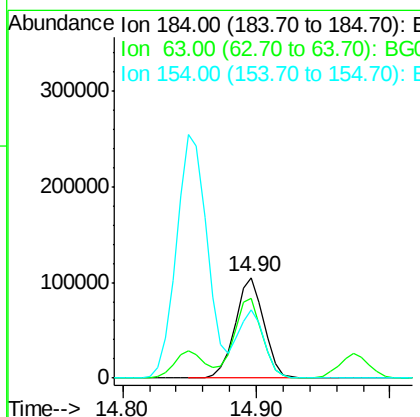
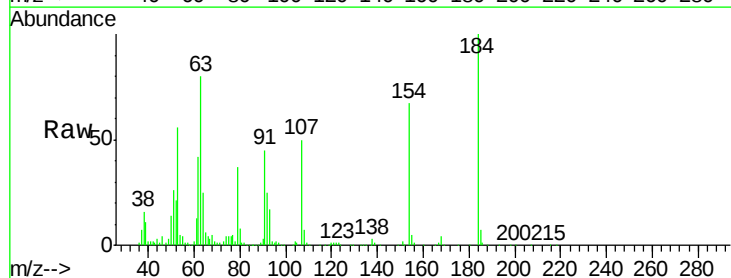
Instrument :
BNA_G
ClientSampleId :

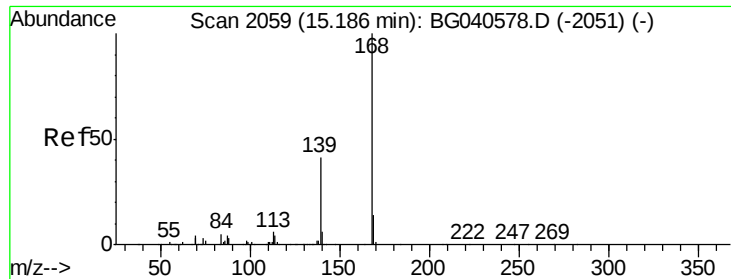
Tot Ion:138 Resp: 45997
Ion Ratio Lower Upper
138 100
108 11.6 12.4 18.6#
92 128.7 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 103.771 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

Tgt Ion:184 Resp: 155023
Ion Ratio Lower Upper
184 100
63 79.8 51.8 77.6#
154 67.3 43.6 65.4#





#55

Dibenzofuran

Concen: 43.696 ng

RT: 15.18 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

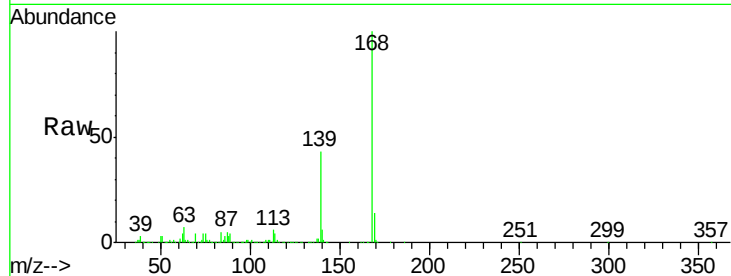
Tot Ion:168 Resp: 681953

Ion Ratio Lower Upper

168 100

139 43.0 33.0 49.4

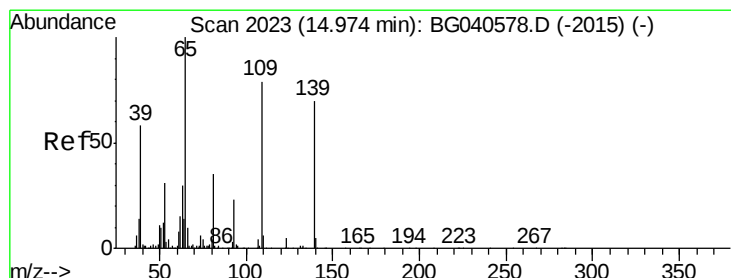
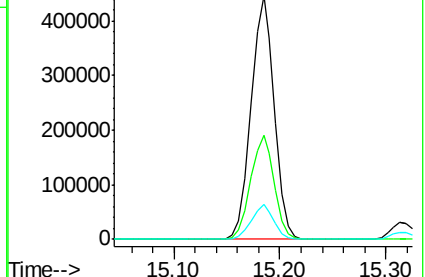
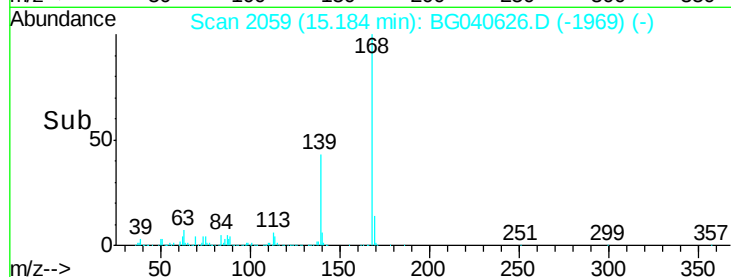
169 14.1 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.956 ng

RT: 14.97 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

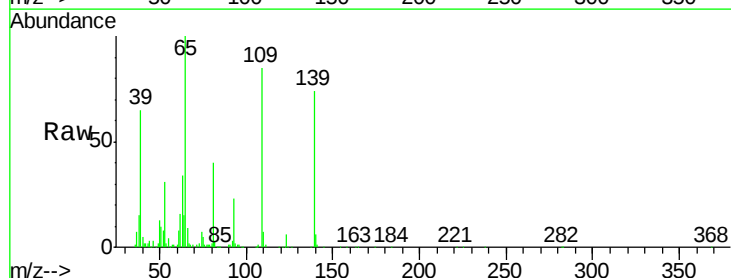
Tgt Ion:139 Resp: 85096

Ion Ratio Lower Upper

139 100

109 115.3 93.8 133.8

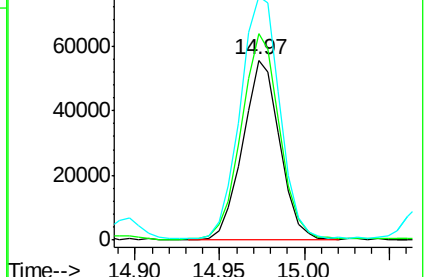
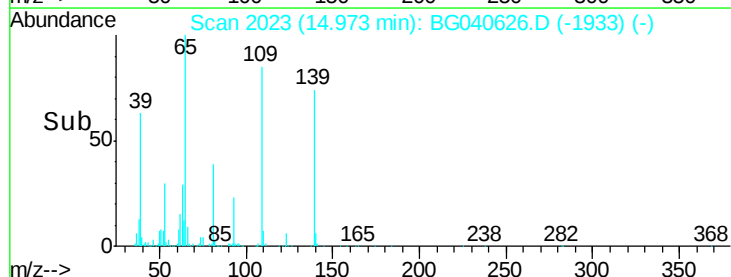
65 135.6 122.7 162.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

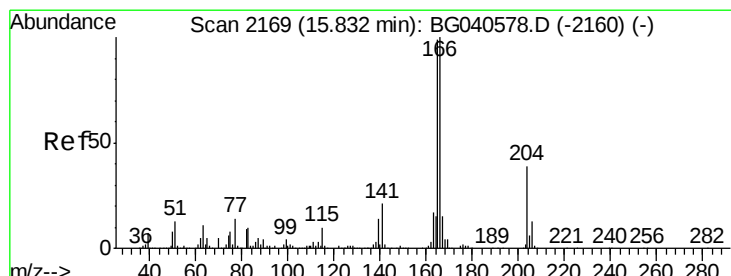
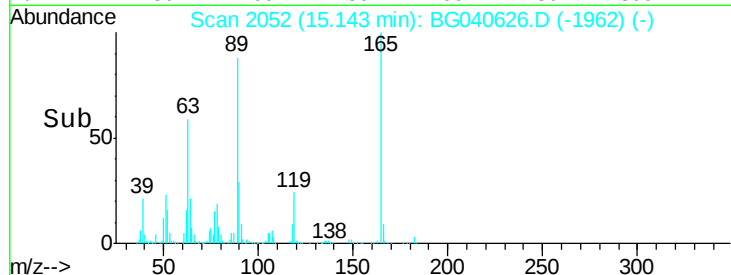
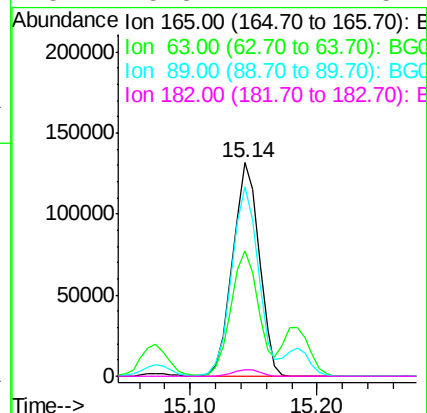
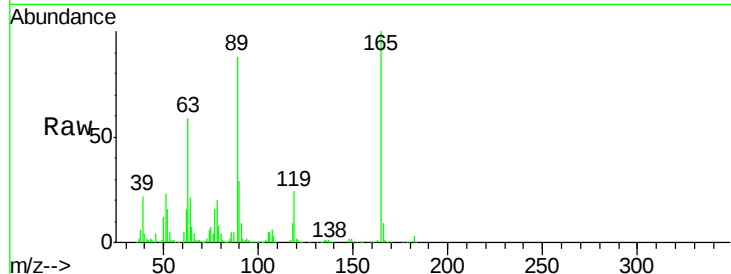




#57
2,4-Dinitrotoluene
Concen: 54.286 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

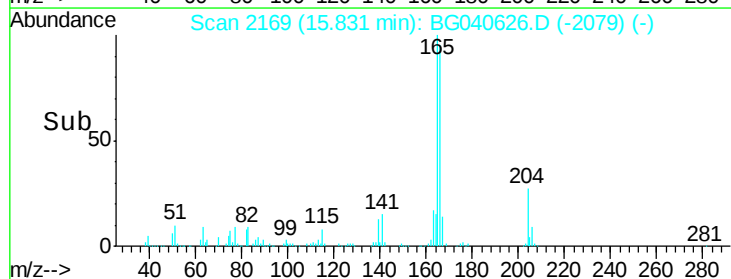
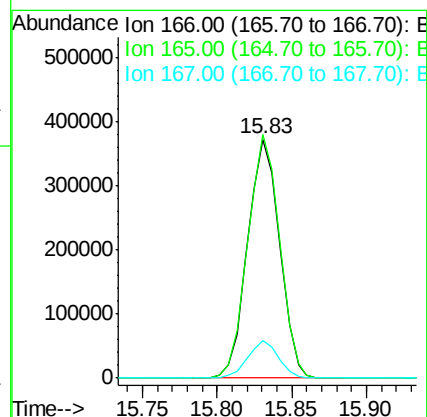
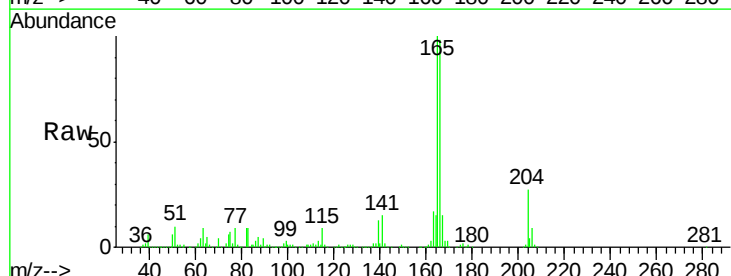
Instrument :
BNA_G
ClientSampleId :

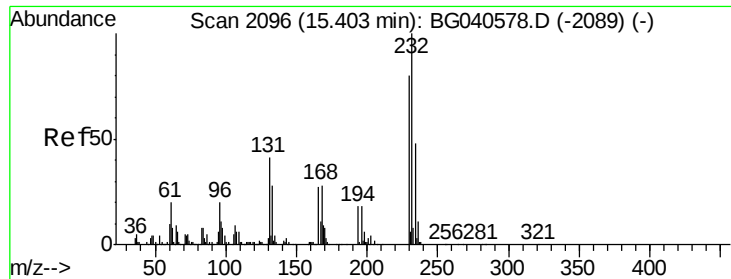
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	59.0	45.8	68.8	
89	88.5	69.4	104.2	
182	3.3	2.2	3.4	



#58
Fluorene
Concen: 43.765 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG040626.D
Acq: 26 Apr 2019 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	101.9	79.6	119.4	
167	15.6	12.2	18.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.240 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 192903

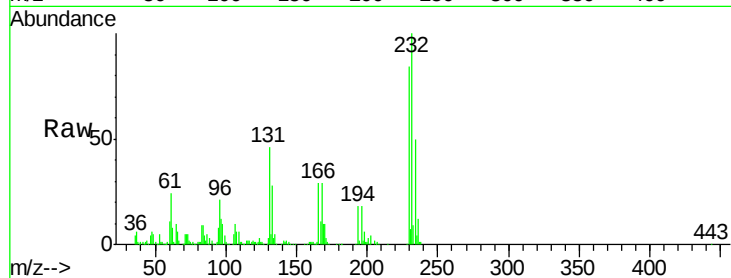
Ion Ratio Lower Upper

232 100

131 42.9 33.0 49.4

130 3.0 2.0 3.0

166 28.4 22.1 33.1

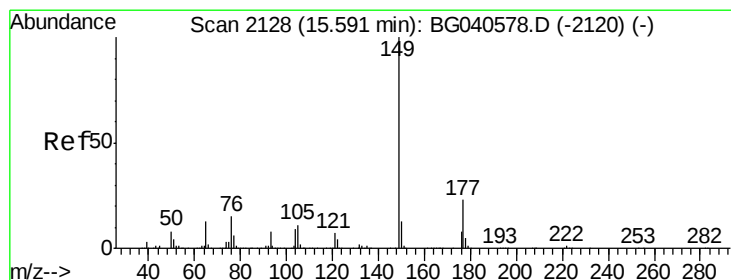
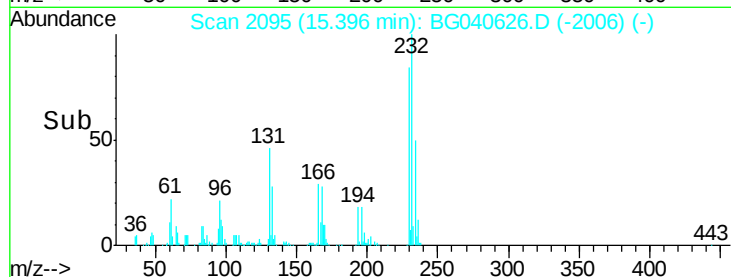
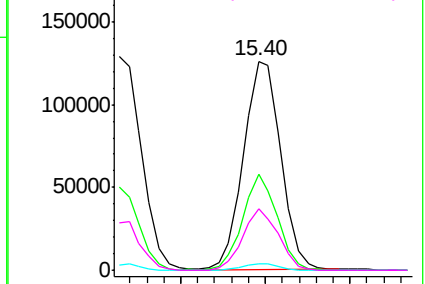


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 46.245 ng

RT: 15.59 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

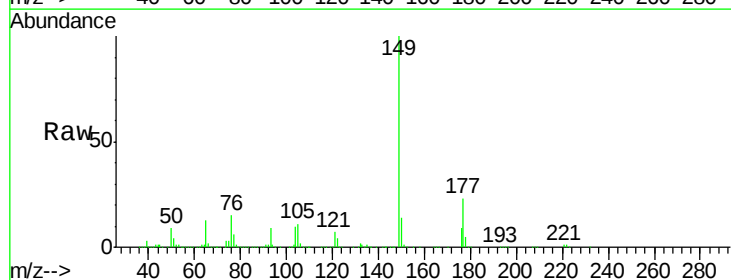
Tgt Ion:149 Resp: 647933

Ion Ratio Lower Upper

149 100

177 23.2 18.5 27.7

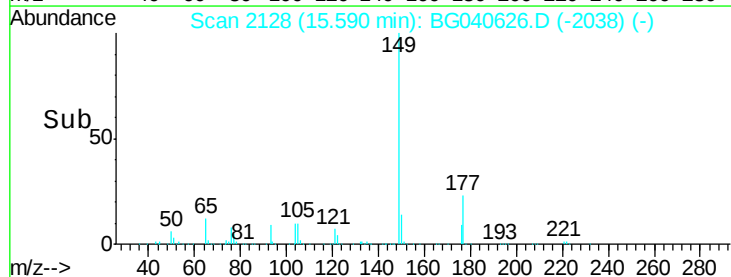
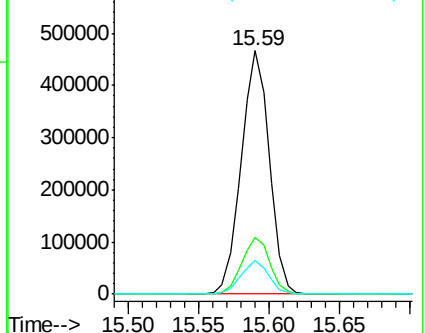
150 14.0 10.2 15.4



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

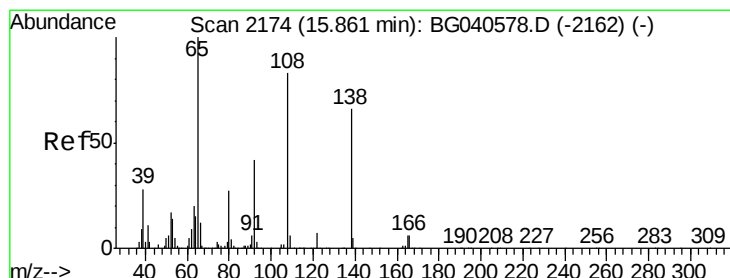
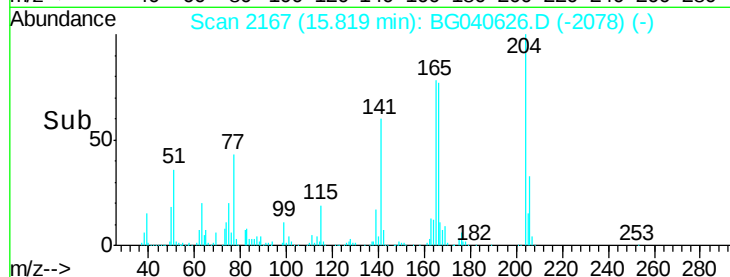
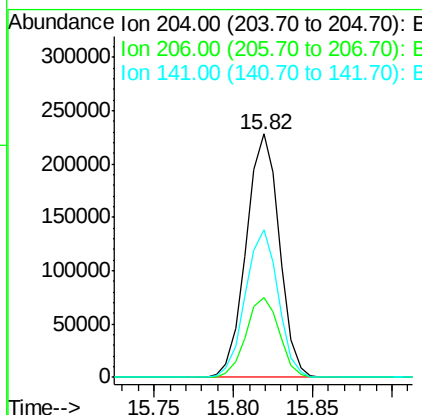
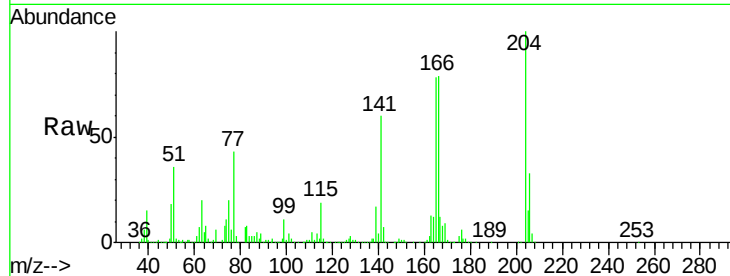




#61
 4-Chlorophenyl-phenylether
 Concen: 45.092 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

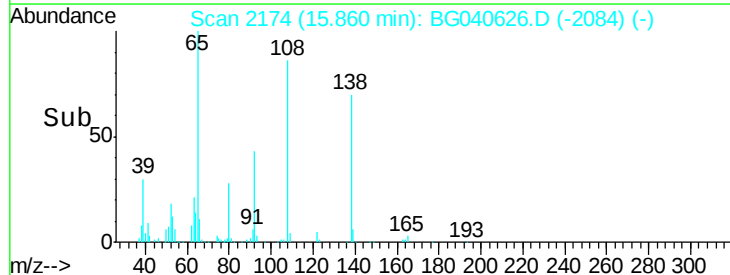
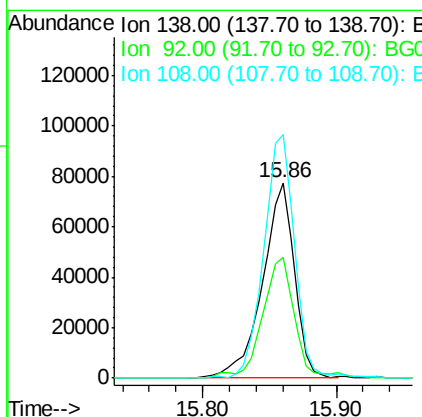
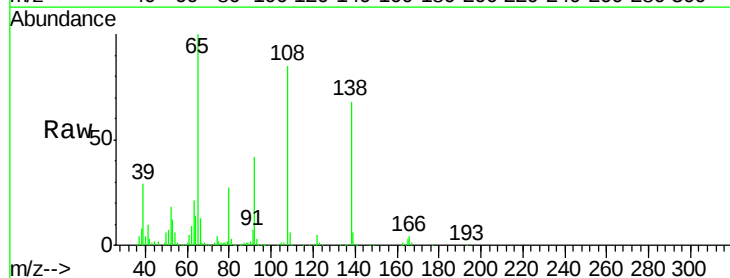
Instrument :
 BNA_G
 ClientSampled :

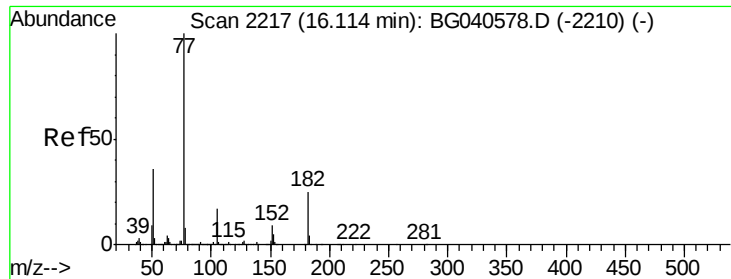
Tot Ion:	204	Resp:	330824
Ion Ratio	Lower	Upper	
204	100		
206	32.7	27.4	41.2
141	60.4	46.0	69.0



#62
 4-Nitroaniline
 Concen: 43.372 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

Tgt Ion:	138	Resp:	128838
Ion Ratio	Lower	Upper	
138	100		
92	62.1	43.9	83.9
108	124.8	106.5	146.5





#63

Azobenzene

Concen: 44.768 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 645956

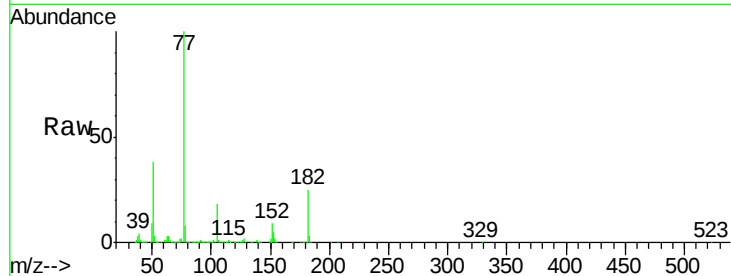
Ion Ratio Lower Upper

77 100

182 24.6 5.0 45.0

105 17.6 0.0 37.6

51 38.4 16.3 56.3

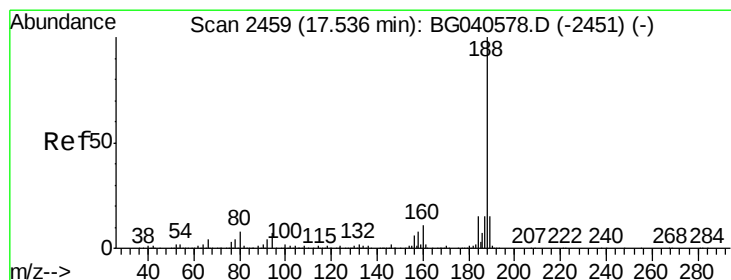
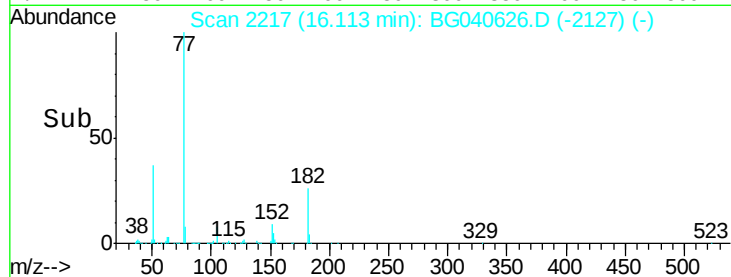
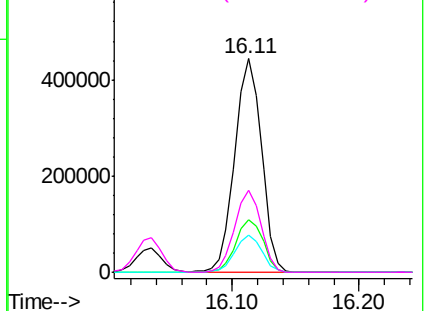


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

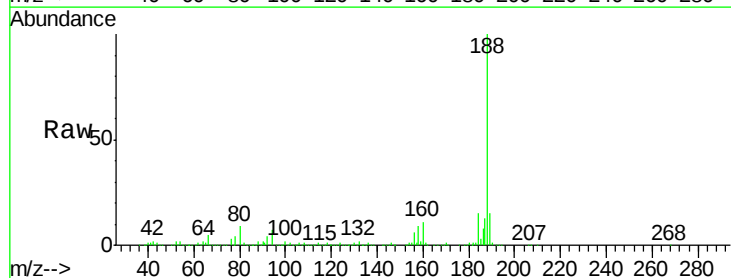
Tgt Ion: 188 Resp: 411786

Ion Ratio Lower Upper

188 100

94 7.4 5.6 8.4

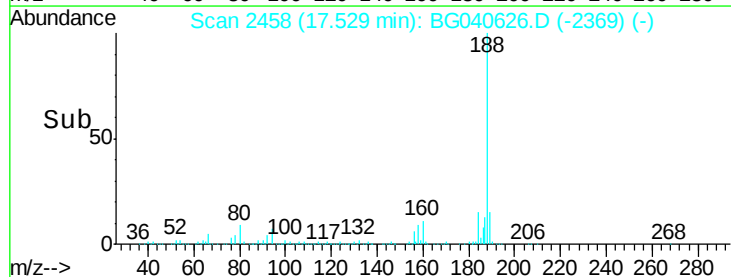
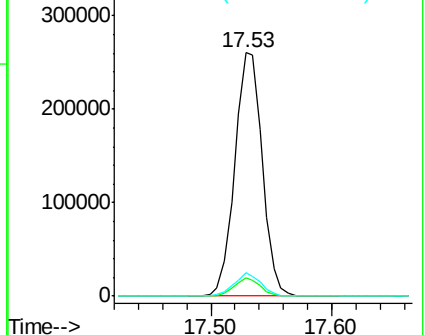
80 9.5 6.4 9.6

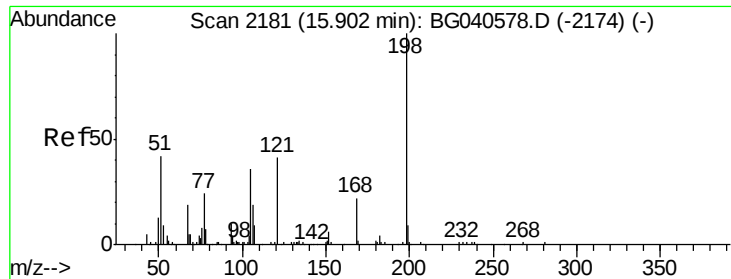


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 50.759 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

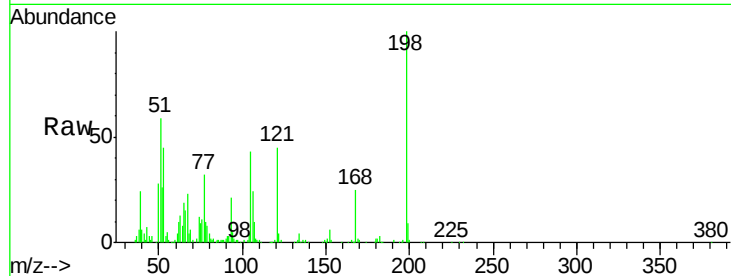
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 103960

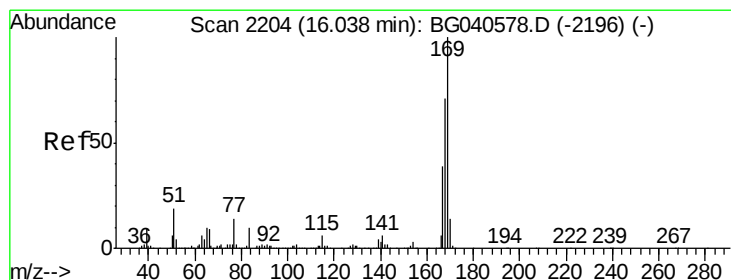
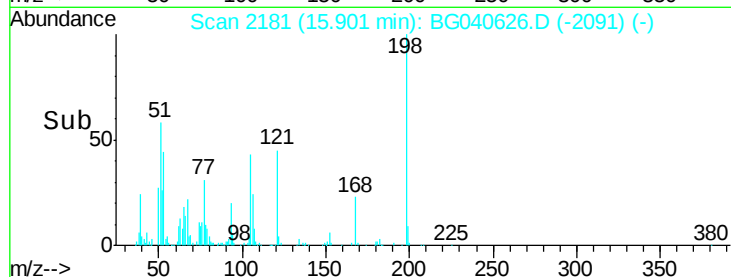
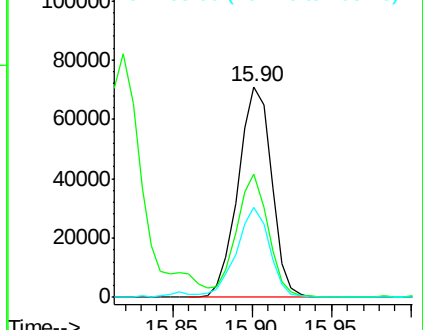
Ion	Ratio	Lower	Upper
198	100		
51	58.5	35.9	75.9
105	42.8	21.2	61.2



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: 43.413 ng

RT: 16.04 min Scan# 2204

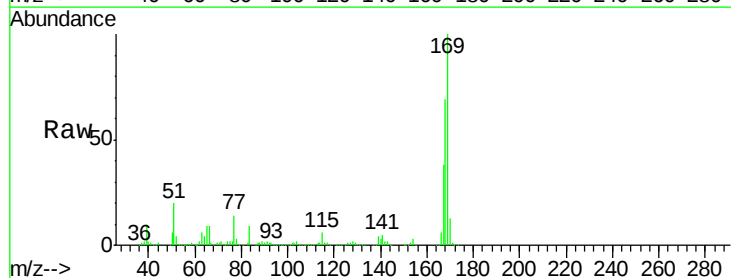
Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Tgt Ion:169 Resp: 525958

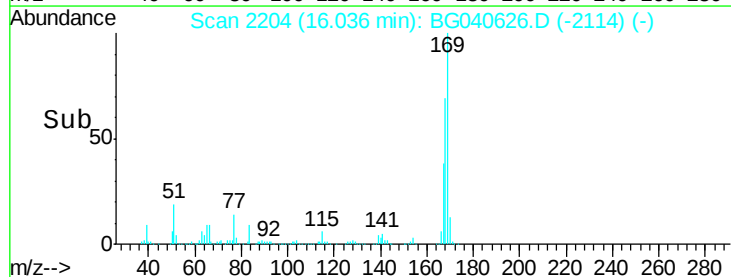
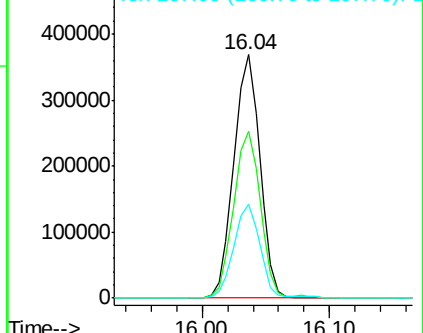
Ion	Ratio	Lower	Upper
169	100		
168	68.6	56.8	85.2
167	38.4	31.4	47.0



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: 43.806 ng

RT: 16.71 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

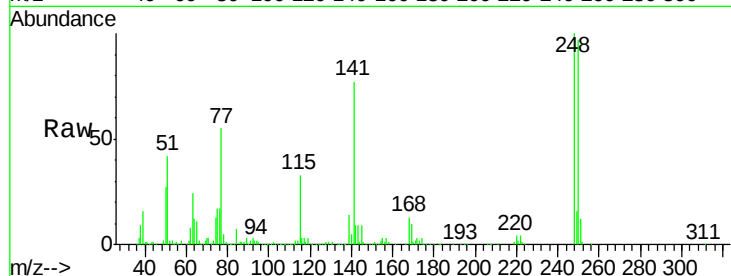
Tot Ion:248 Resp: 224739

Ion Ratio Lower Upper

248 100

250 97.4 79.8 119.6

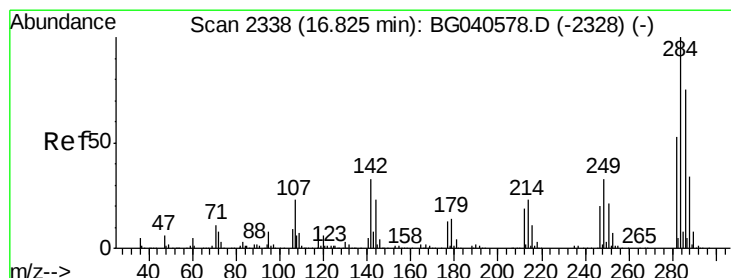
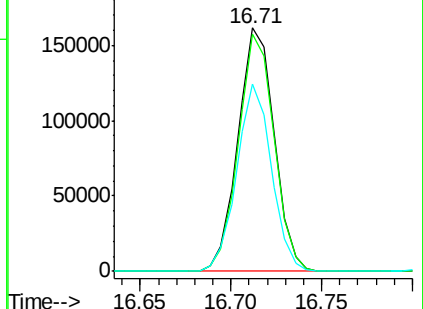
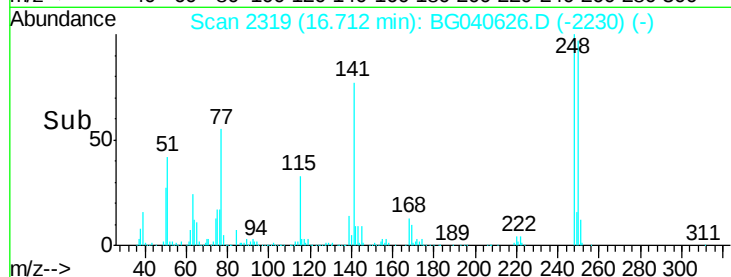
141 77.0 60.8 91.2



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



#68

Hexachlorobenzene

Concen: 43.404 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

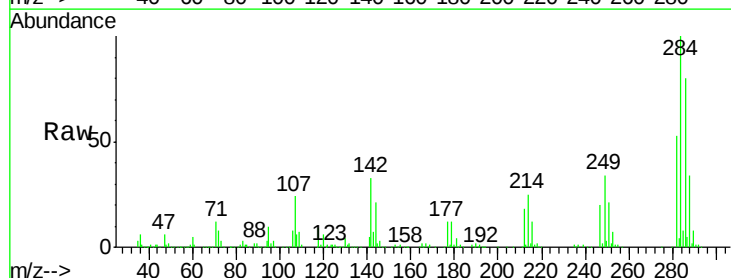
Tgt Ion:284 Resp: 230249

Ion Ratio Lower Upper

284 100

142 33.0 26.6 40.0

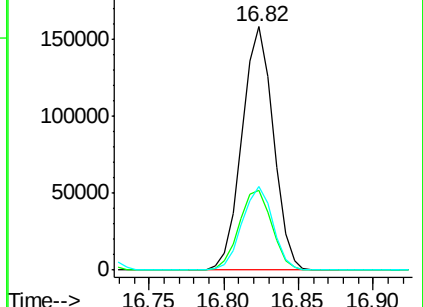
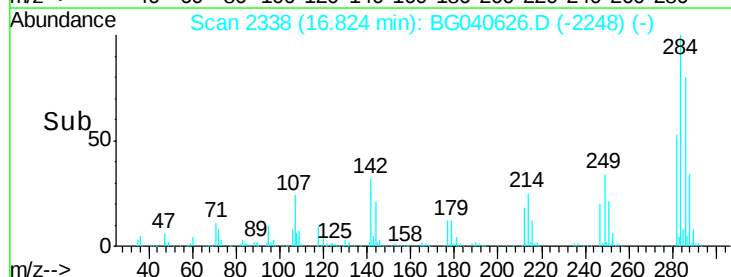
249 34.1 26.0 39.0

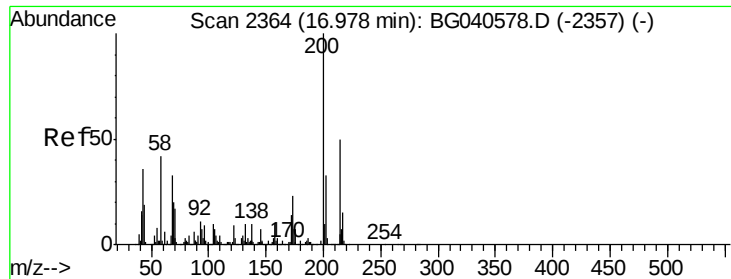


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

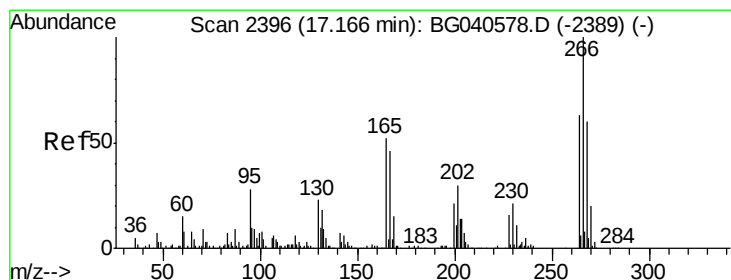
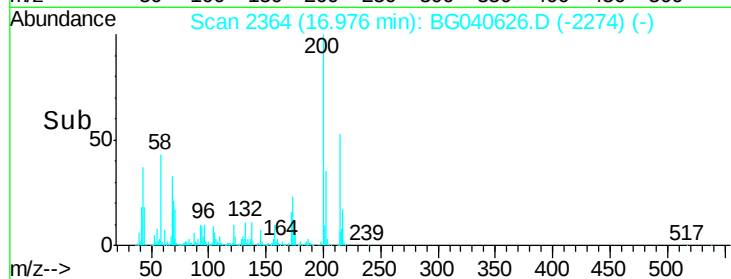
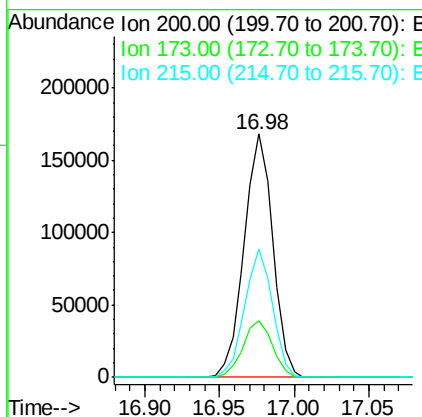
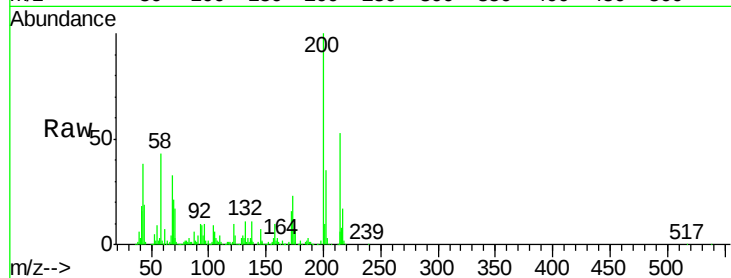




#69
 Atrazine
 Concen: 46.451 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

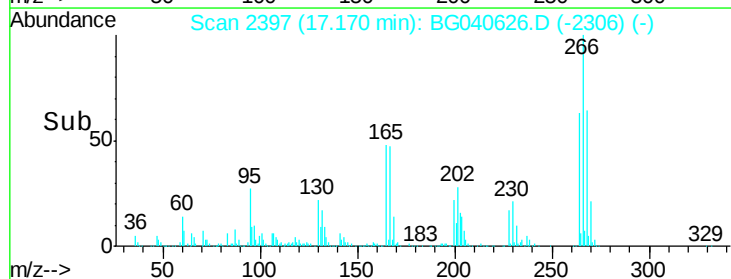
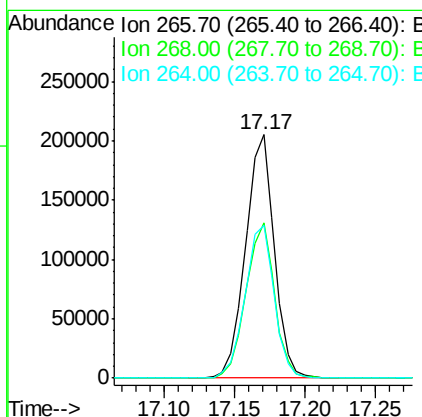
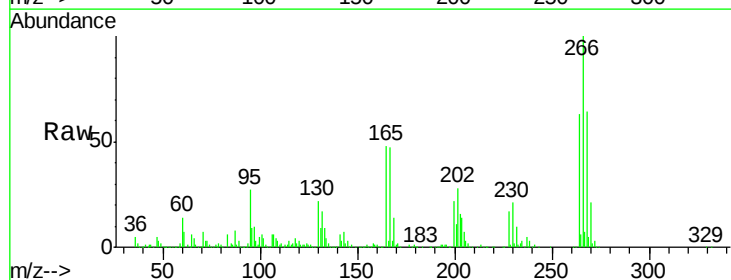
Instrument :
 BNA_G
 ClientSampleId :

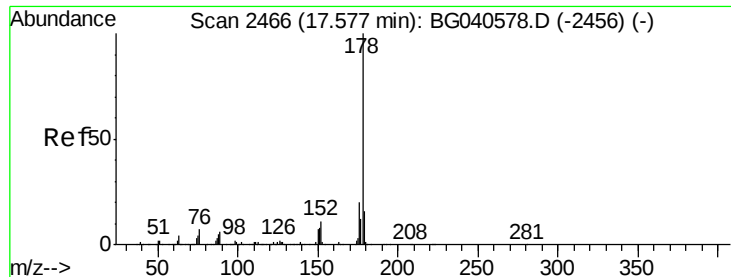
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	2.8	42.8
215	52.8	30.2	70.2



#70
 Pentachlorophenol
 Concen: 94.329 ng
 RT: 17.17 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.3	78.5
264	62.6	50.0	75.0





#71

Phenanthrene

Concen: 43.811 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

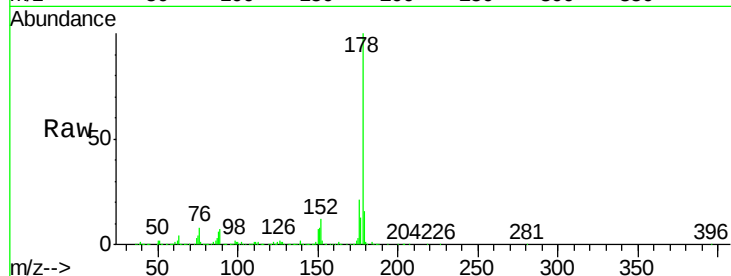
Tot Ion:178 Resp: 971730

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.6

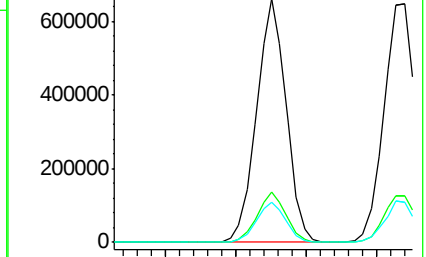
179 16.3 12.6 18.8



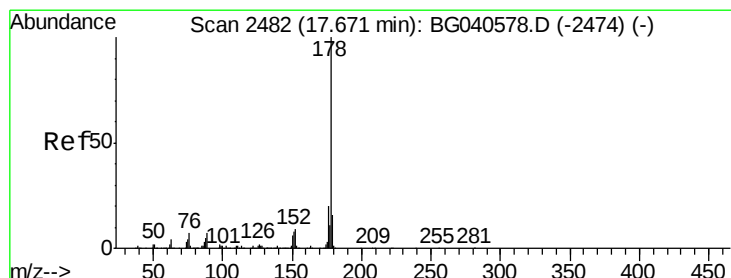
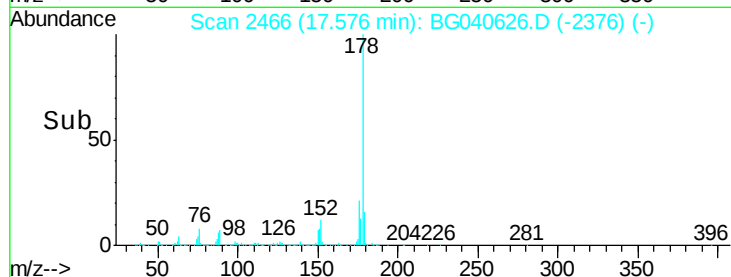
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 44.841 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

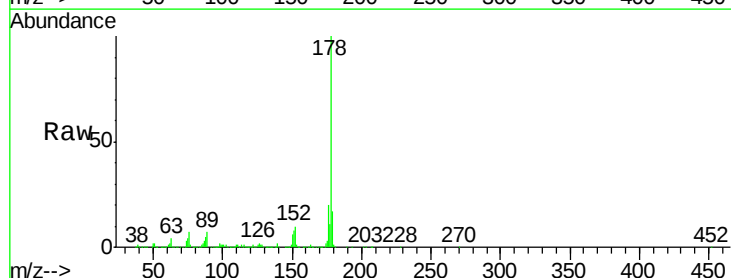
Tgt Ion:178 Resp: 999699

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

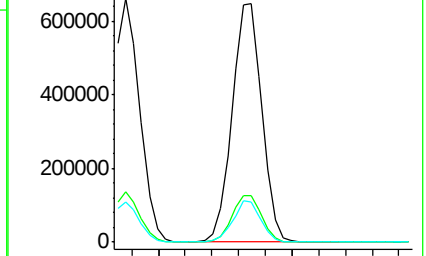
179 16.9 12.9 19.3



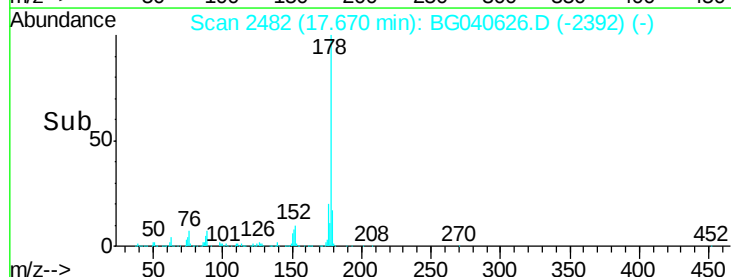
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

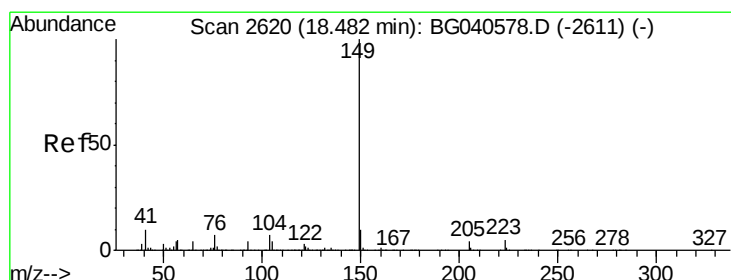
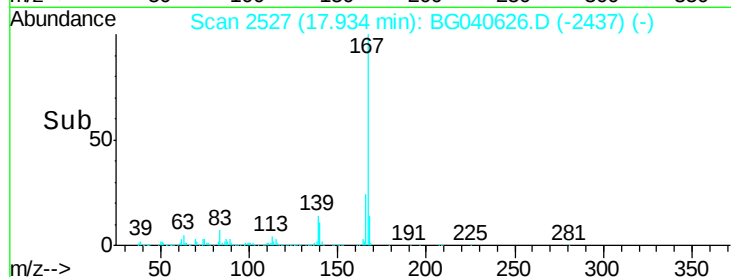
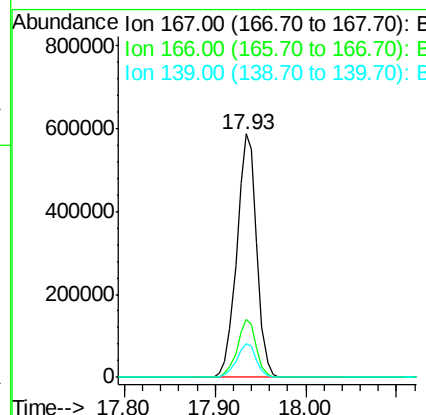
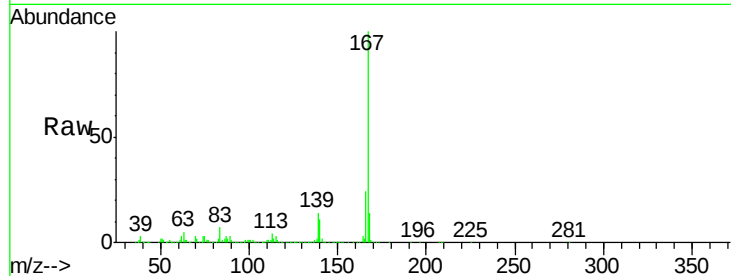




#73
 Carbazole
 Concen: 44.128 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

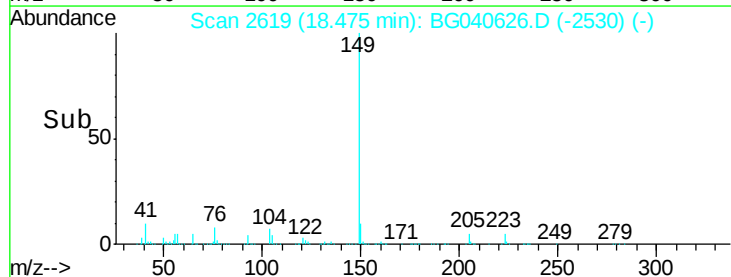
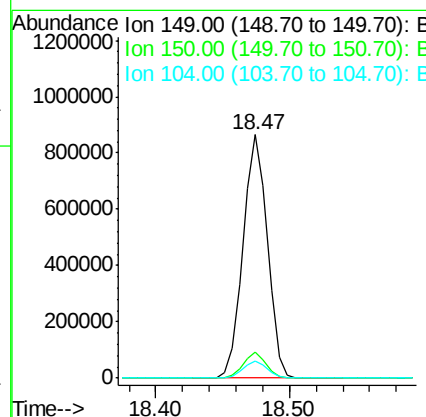
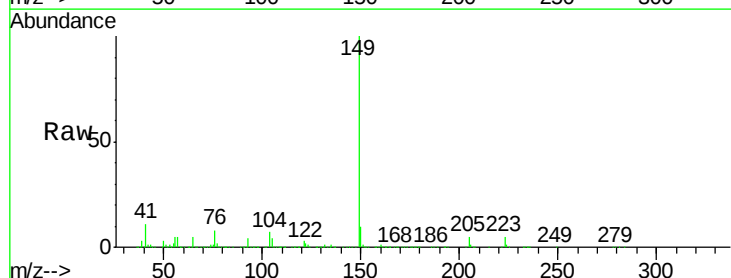
Instrument :
 BNA_G
 ClientSampleId :

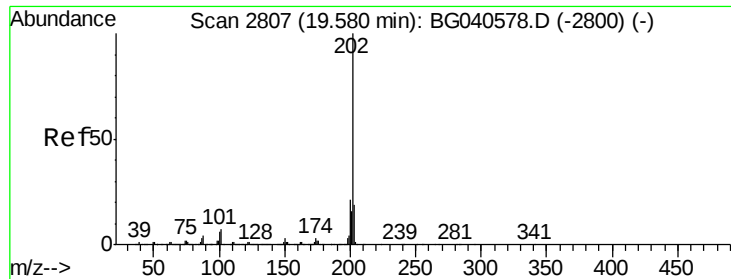
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.2	27.4
139	13.8	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 44.429 ng
 RT: 18.47 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BG040626.D
 Acq: 26 Apr 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	7.1	5.4	8.2





#75

Fluoranthene

Concen: 44.684 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

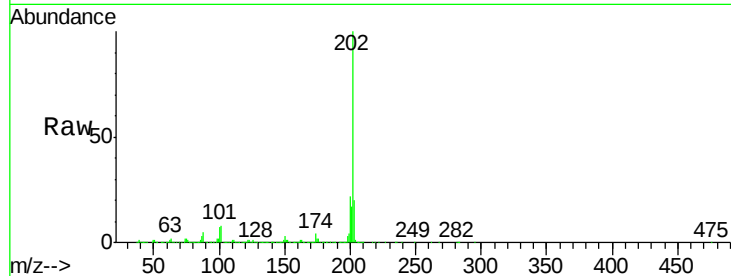
Tot Ion:202 Resp: 1235061

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	27.5
203	20.1	0.0	39.3

202 100

101 7.6 0.0 27.5

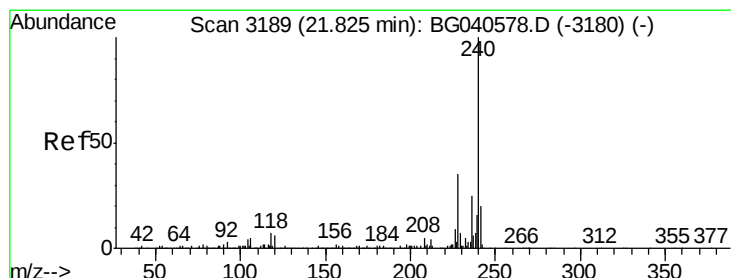
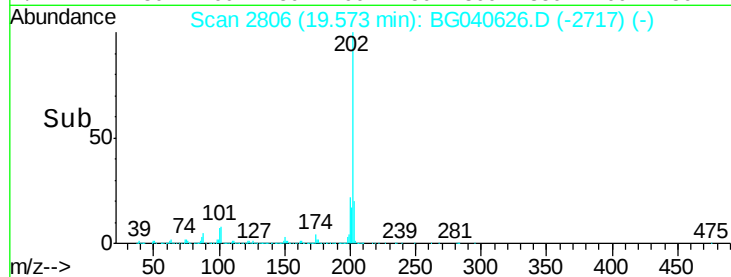
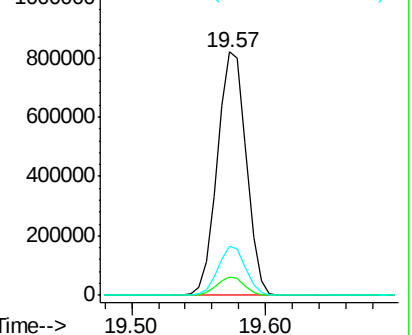
203 20.1 0.0 39.3



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: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

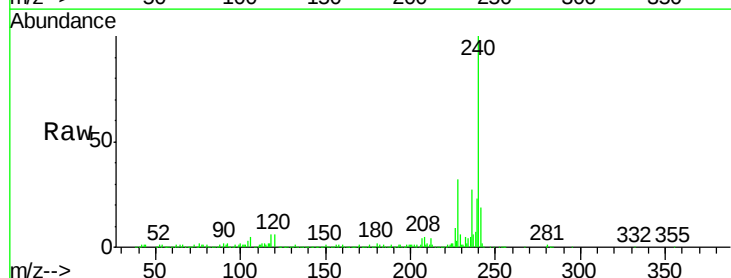
Tgt Ion:240 Resp: 404769

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.0	7.6
236	26.7	20.3	30.5

240 100

120 6.4 5.0 7.6

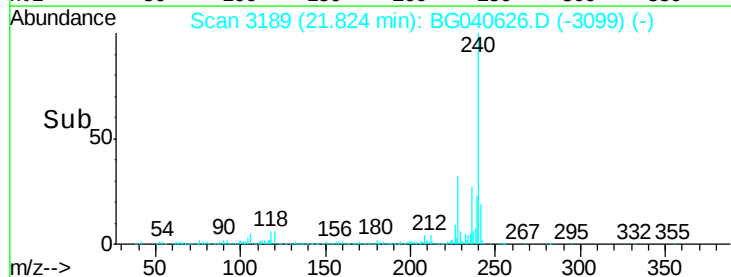
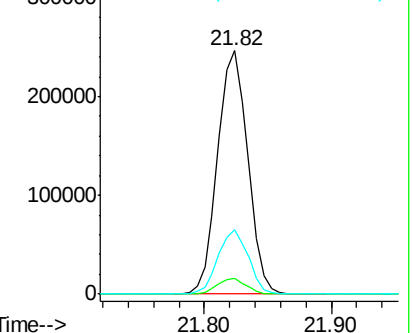
236 26.7 20.3 30.5



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: 14.947 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

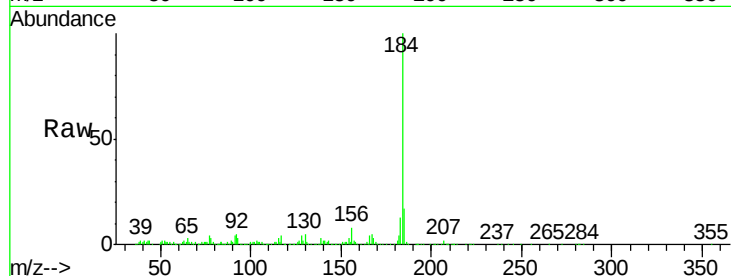
Tot Ion:184 Resp: 165657

Ion Ratio Lower Upper

184 100

185 17.0 11.8 17.8

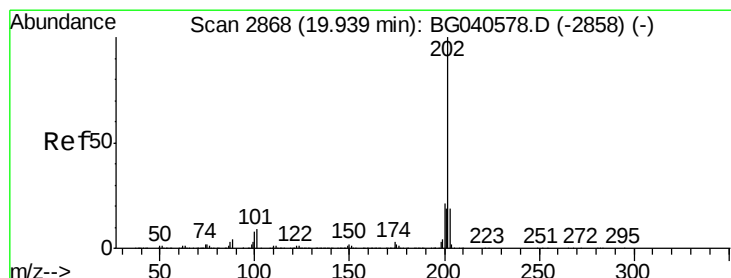
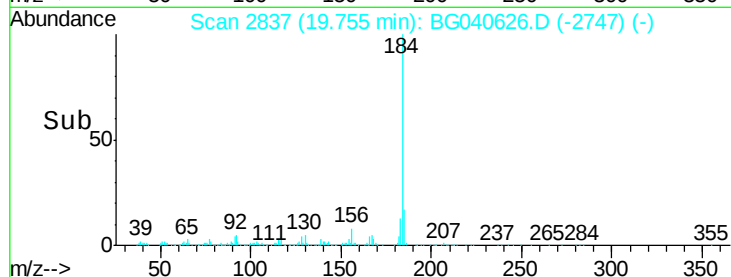
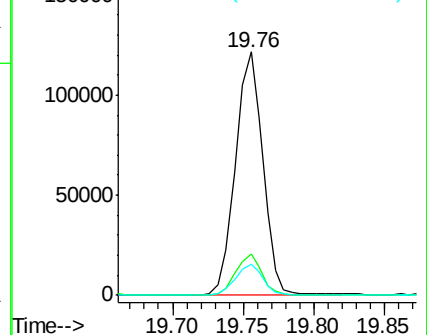
183 12.6 10.2 15.2



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: 48.978 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

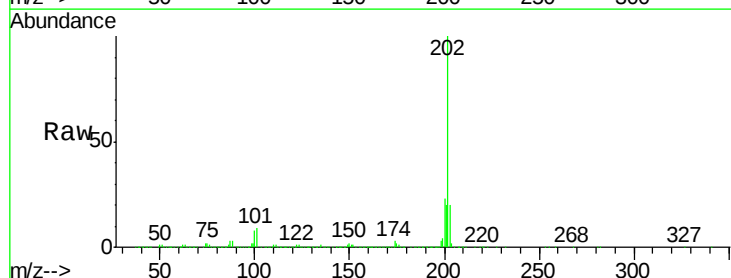
Tgt Ion:202 Resp: 1242521

Ion Ratio Lower Upper

202 100

200 23.0 17.2 25.8

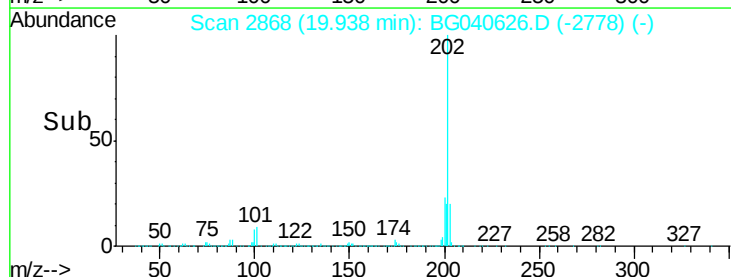
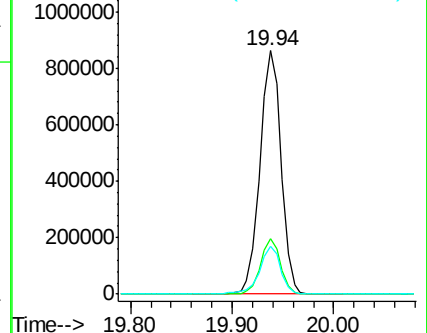
203 19.7 15.0 22.4

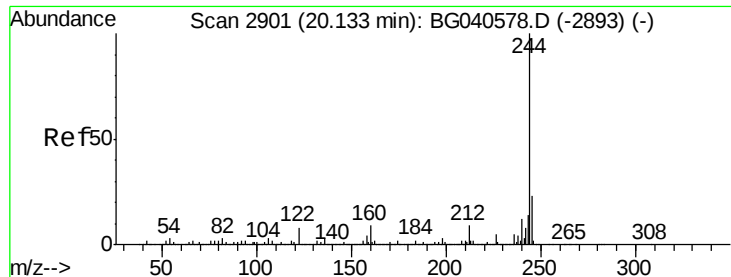


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.630 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

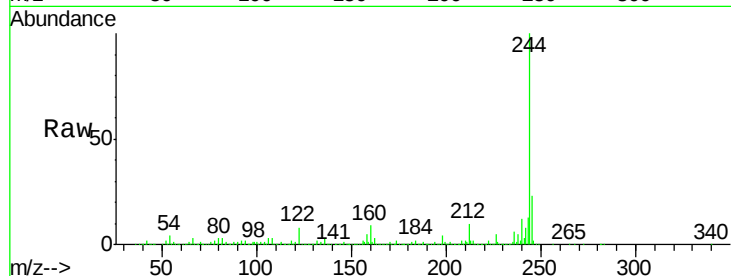
Tot Ion:244 Resp: 1710666

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	8.5	6.6	10.0

244 100

212 9.5 7.2 10.8

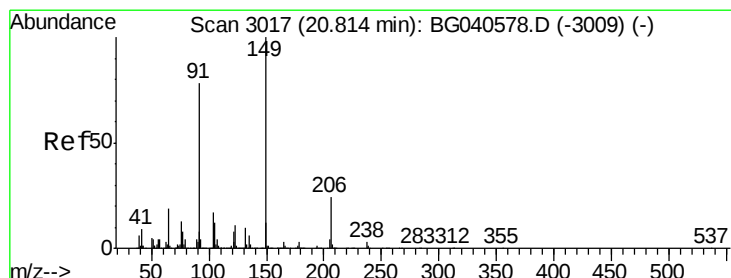
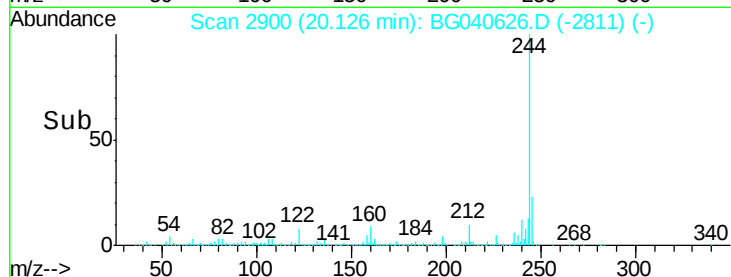
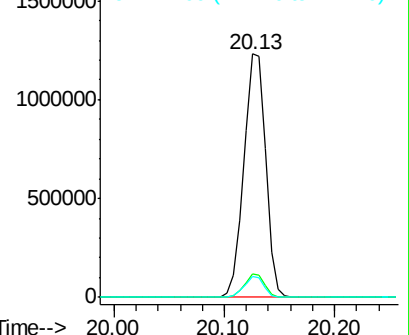
122 8.5 6.6 10.0



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: 50.414 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

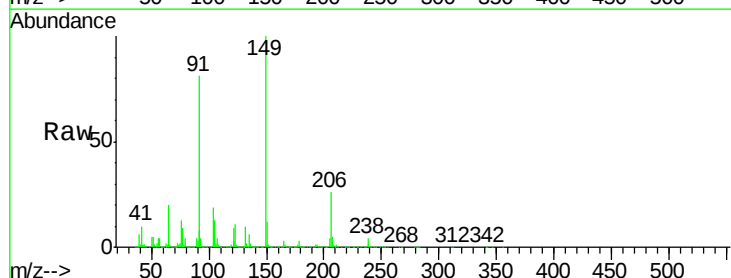
Tgt Ion:149 Resp: 498482

Ion	Ratio	Lower	Upper
149	100		
91	81.0	62.6	93.8
206	26.4	19.4	29.2

149 100

91 81.0 62.6 93.8

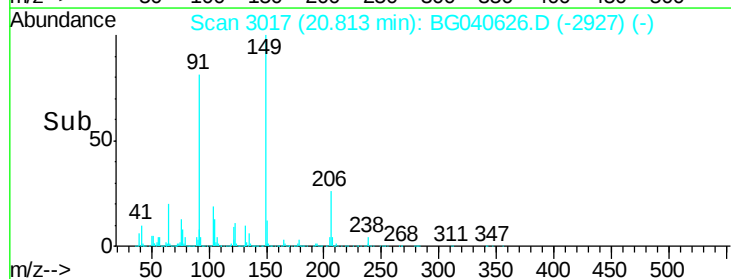
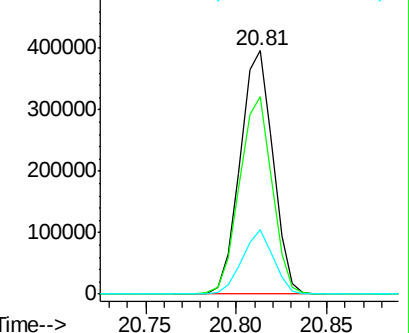
206 26.4 19.4 29.2

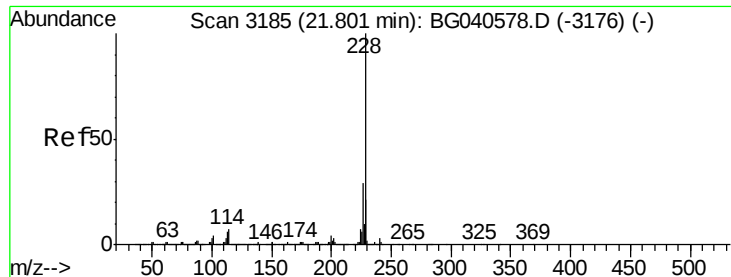


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.696 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

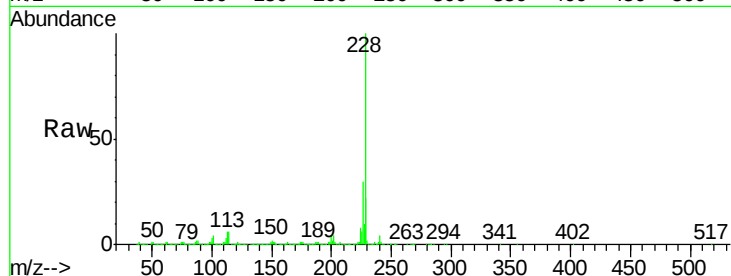
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1194556

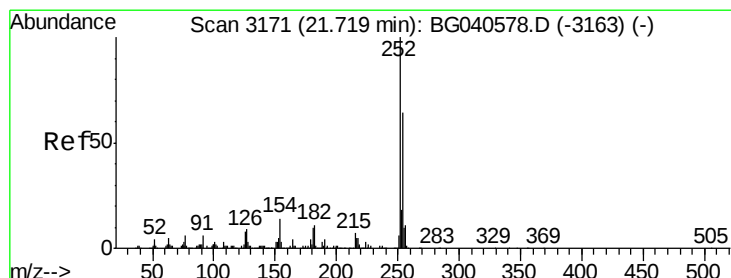
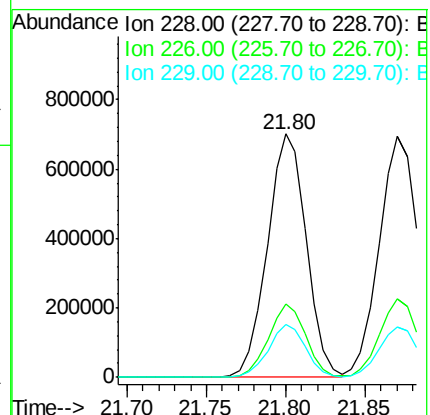
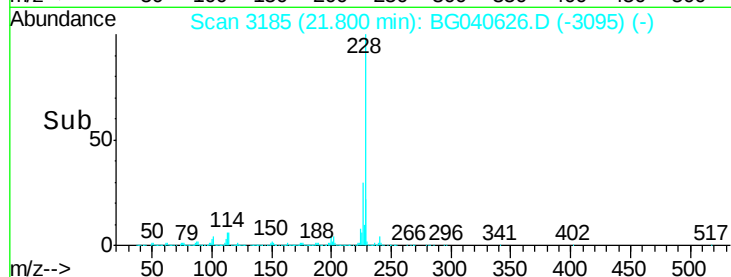
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.1	34.7
229	21.7	17.0	25.4



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



#82

3,3'-Dichlorobenzidine

Concen: 25.988 ng

RT: 21.71 min Scan# 3170

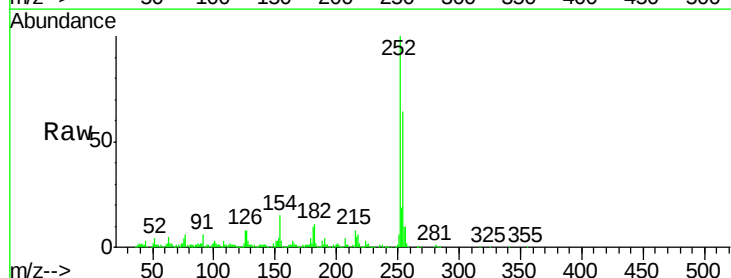
Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Tgt Ion:252 Resp: 236962

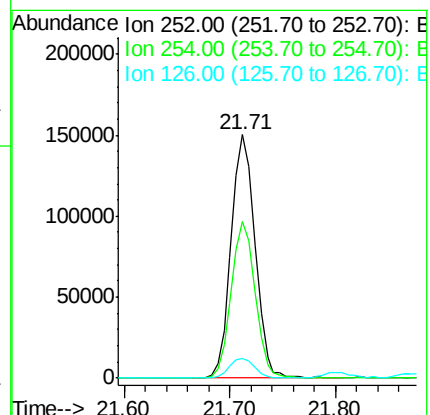
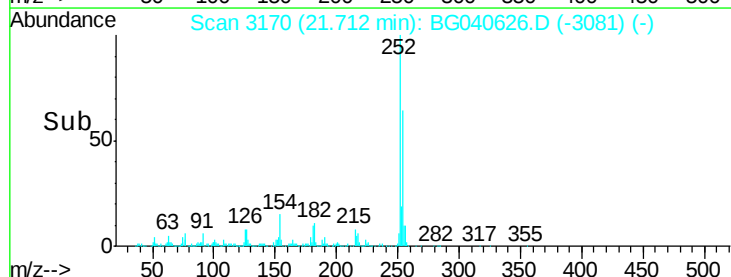
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.2	76.8
126	8.2	6.6	10.0

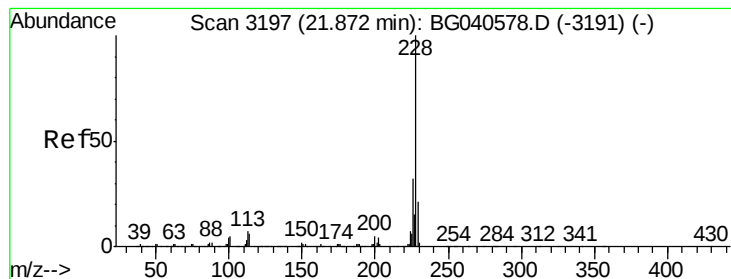


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.252 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

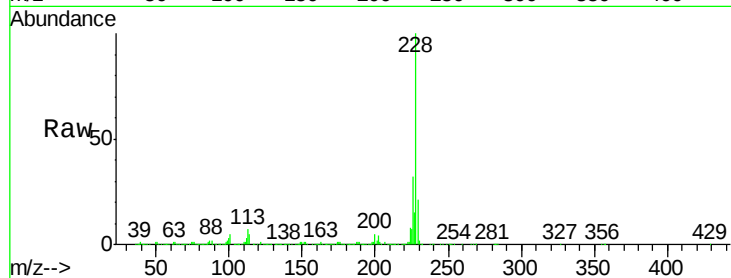
Tot Ion:228 Resp: 1173915

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.5	38.3
229	20.9	16.8	25.2

228 100

226 32.5 25.5 38.3

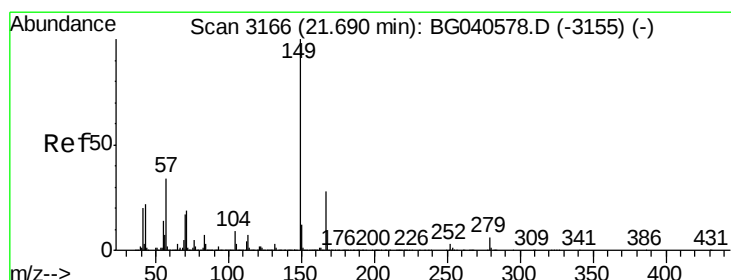
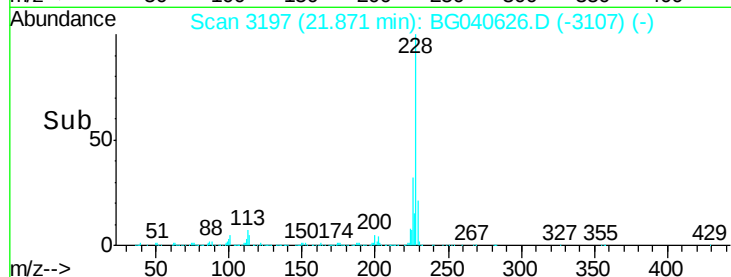
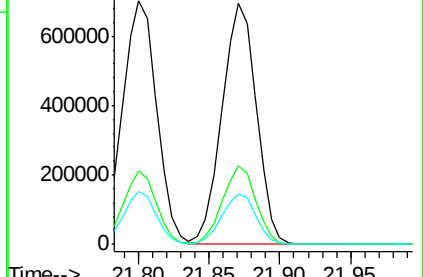
229 20.9 16.8 25.2



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: 49.042 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

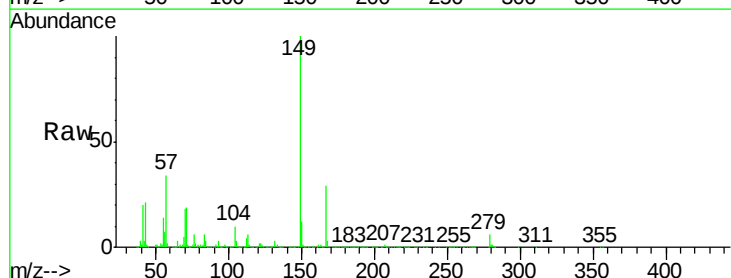
Tgt Ion:149 Resp: 699981

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.4	33.6
279	6.0	4.6	6.8

149 100

167 29.1 22.4 33.6

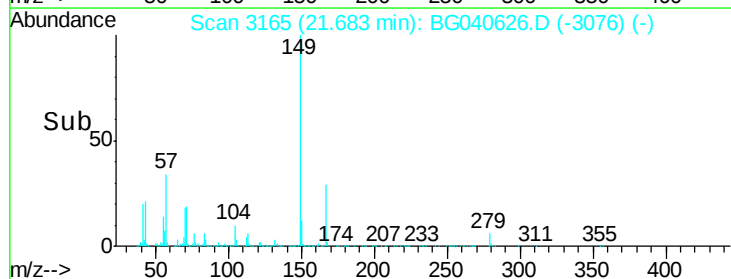
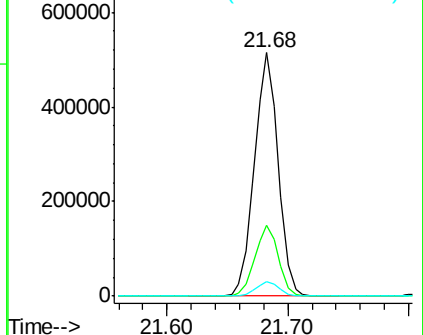
279 6.0 4.6 6.8

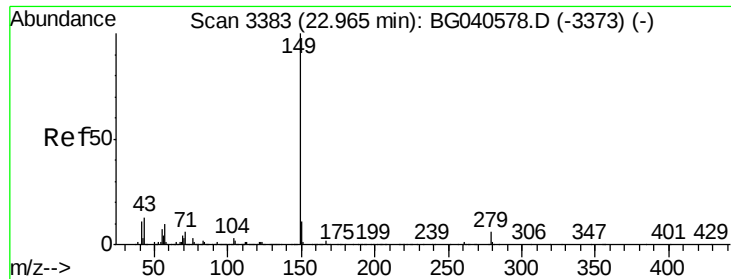


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.855 ng

RT: 22.95 min Scan# 3380

Delta R.T. -0.02 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

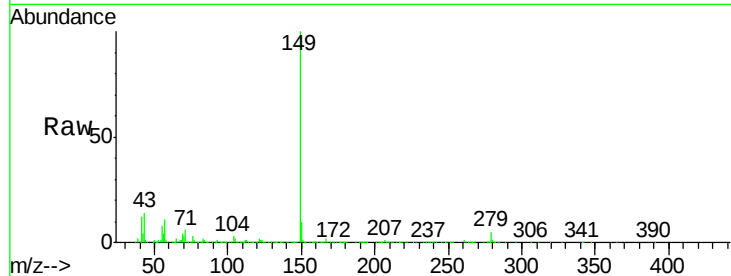
Tot Ion:149 Resp: 1174352

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

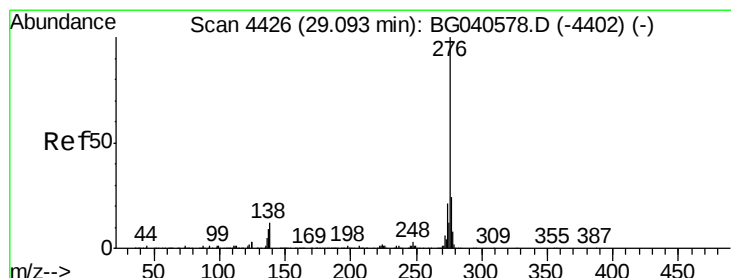
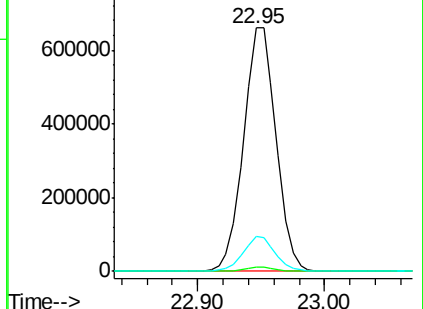
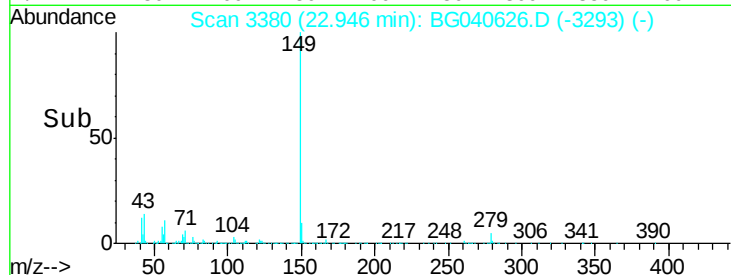
43 13.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.997 ng

RT: 29.09 min Scan# 4425

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

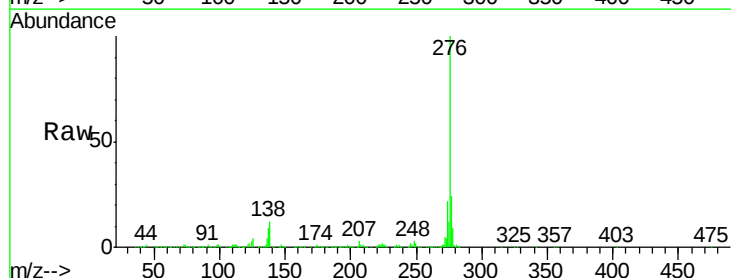
Tgt Ion:276 Resp: 1441236

Ion Ratio Lower Upper

276 100

138 10.3 9.8 14.6

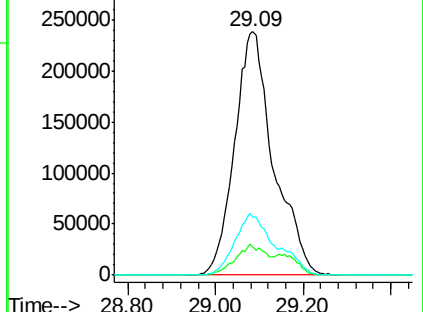
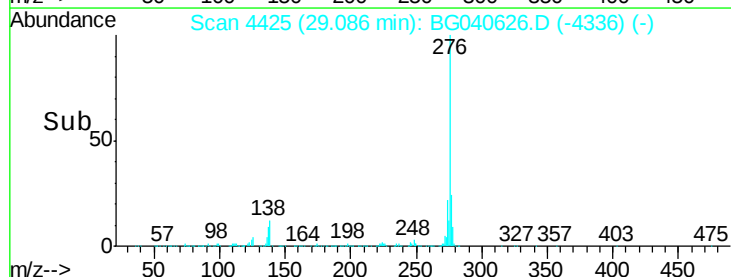
277 26.4 17.3 25.9#



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

Pervlene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

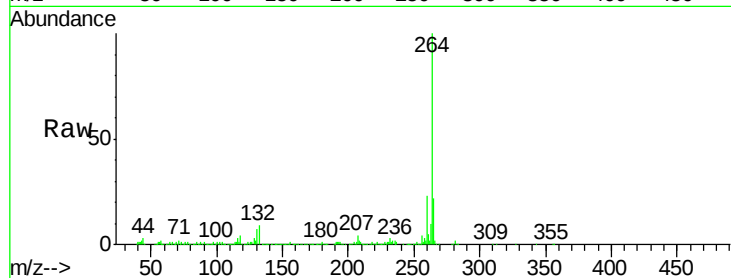
Tot Ion:264 Resp: 432798

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

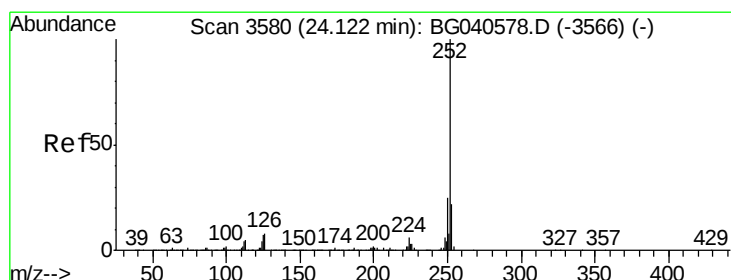
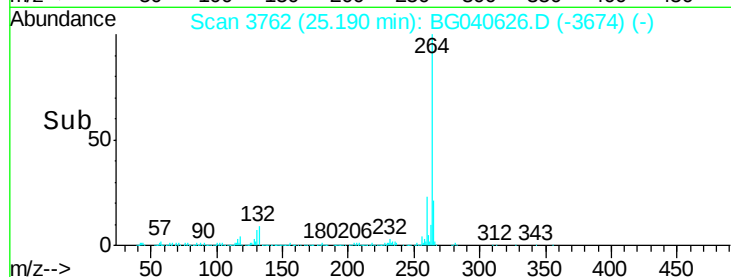
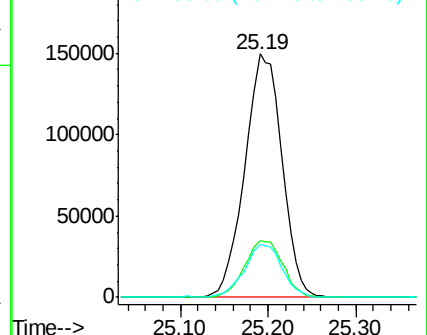
265 21.7 16.6 25.0



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: 46.392 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

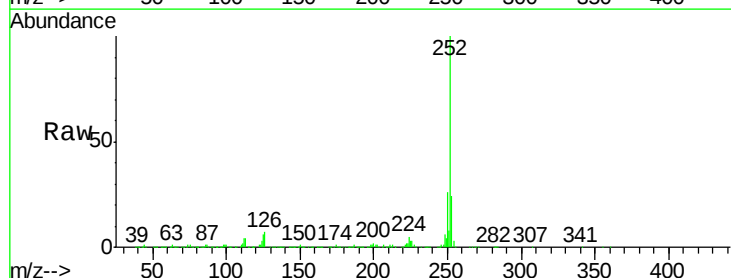
Tgt Ion:252 Resp: 1226960

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

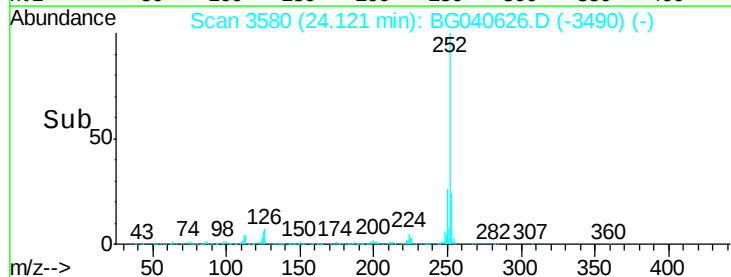
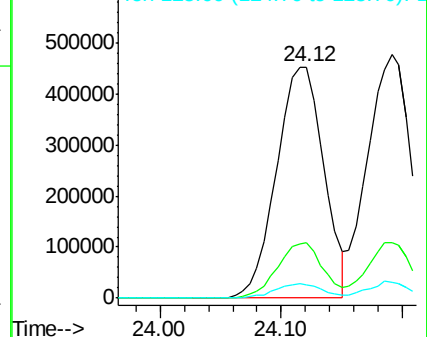
125 5.9 5.4 8.0

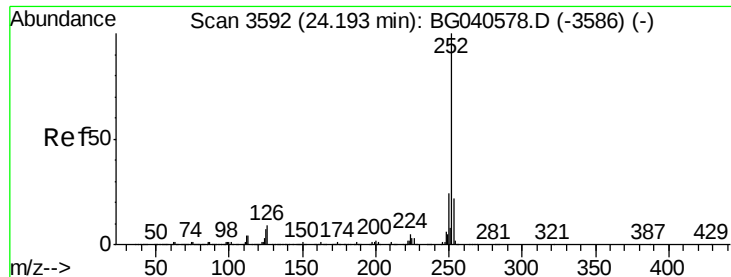


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.502 ng

RT: 24.19 min Scan# 3592

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

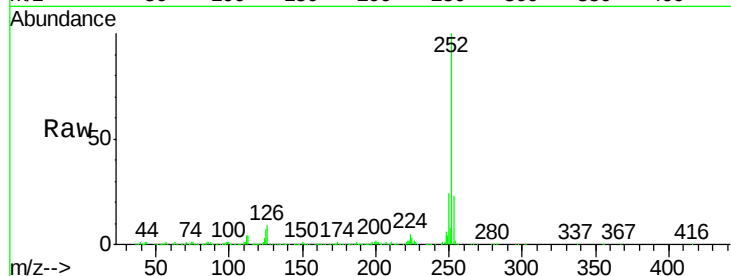
Tot Ion:252 Resp: 1197963

Ion Ratio Lower Upper

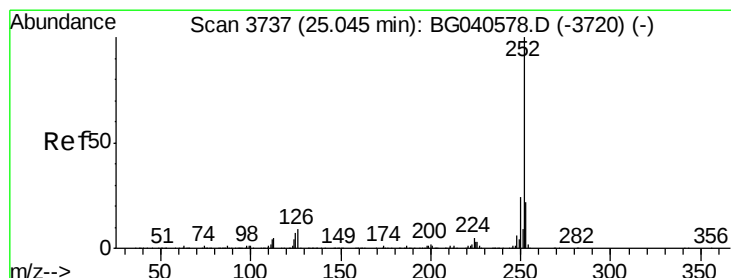
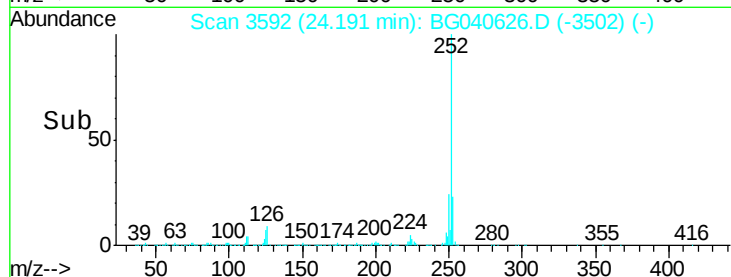
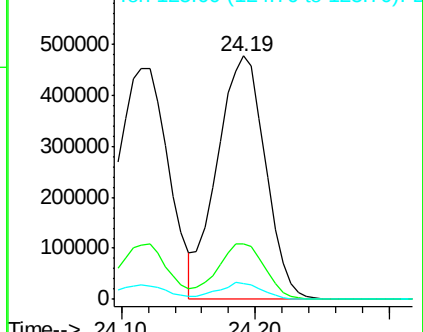
252 100

253 22.8 17.6 26.4

125 6.6 5.5 8.3



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: 47.931 ng

RT: 25.04 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

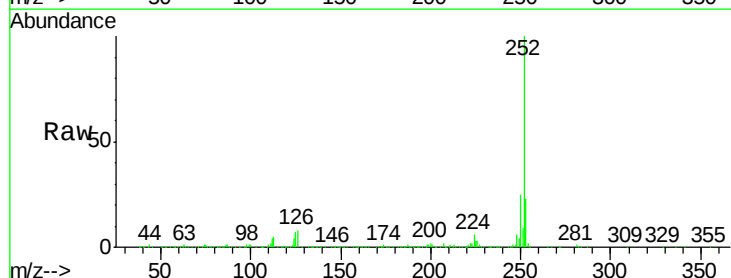
Tgt Ion:252 Resp: 1199939

Ion Ratio Lower Upper

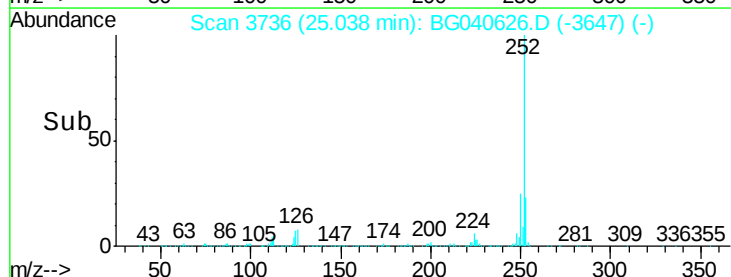
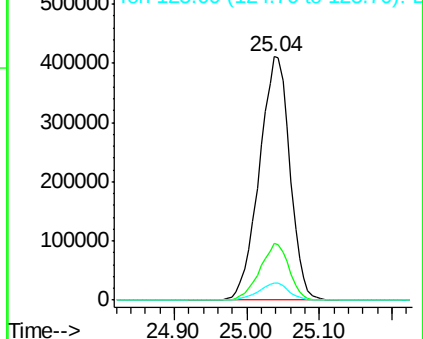
252 100

253 23.1 17.8 26.6

125 7.0 5.7 8.5



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: 46.854 ng

RT: 29.17 min Scan# 4439

Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

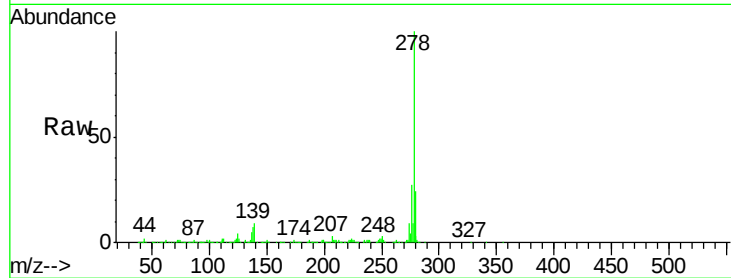
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1187019

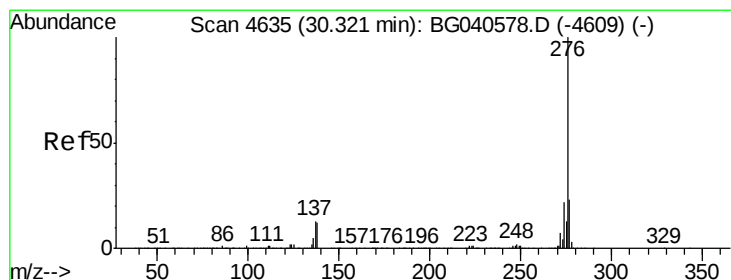
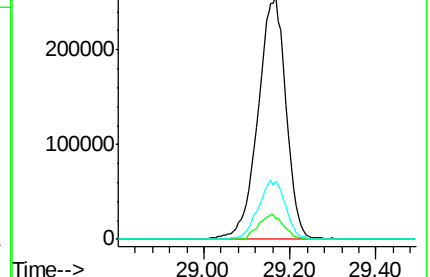
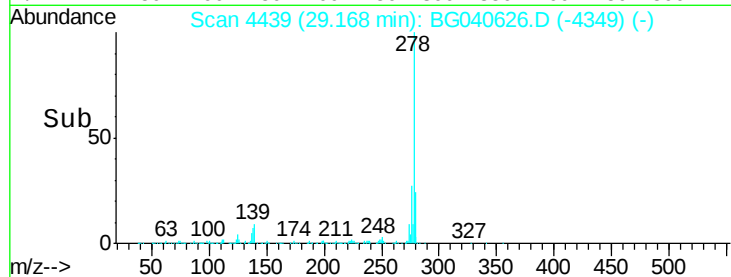
Ion	Ratio	Lower	Upper
278	100		
139	8.5	8.2	12.4
279	23.6	18.5	27.7



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



#92

Benzo(g,h,i)perylene

Concen: 47.575 ng

RT: 30.32 min Scan# 4635

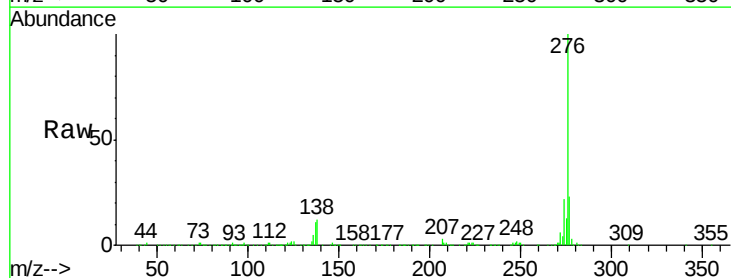
Delta R.T. -0.00 min

Lab File: BG040626.D

Acq: 26 Apr 2019 13:03

Tgt Ion:276 Resp: 1199545

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.4	27.6
138	11.9	9.8	14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

