

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042691.D
 Acq On : 3 Sep 2019 16:34
 Operator : HP/JU
 Sample : K4554-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 04:06:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34326	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	131579	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	103421	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	244340	20.00	ng	0.00
76) Chrysene-d12	21.69	240	257825	20.00	ng	0.00
87) Perylene-d12	24.93	264	312081	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	221378	130.62	ng	0.00
7) Phenol-d6	7.17	99	298423	130.35	ng	0.00
23) Nitrobenzene-d5	9.17	82	171598	90.12	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	216006	146.95	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	574074	93.88	ng	0.00
79) Terphenyl-d14	20.02	244	1068578	89.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	21199	29.972	ng	100
3) Pyridine	3.82	79	51352	28.314	ng	96
4) n-Nitrosodimethylamine	3.74	42	26774	41.332	ng	# 86
6) Aniline	7.31	93	74680	24.457	ng	97
8) 2-Chlorophenol	7.56	128	90446	44.033	ng	98
9) Benzaldehyde	7.13	77	47014	41.019	ng	97
10) Phenol	7.19	94	122322	52.550	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	68144	37.276	ng	96
12) 1,3-Dichlorobenzene	7.88	146	102496	39.225	ng	99
13) 1,4-Dichlorobenzene	8.03	146	105709	39.938	ng	98
14) 1,2-Dichlorobenzene	8.35	146	101082	39.879	ng	99
15) Benzyl Alcohol	8.24	79	67548	41.011	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	86157	34.772	ng	99
17) 2-Methylphenol	8.45	107	73231	42.713	ng	95
18) Hexachloroethane	9.09	117	35528	39.209	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	54694	36.876	ng	95
20) 3+4-Methylphenols	8.78	107	98140	41.367	ng	98
22) Acetophenone	8.82	105	126019	44.779	ng	# 97
24) Nitrobenzene	9.21	77	83062	43.079	ng	96
25) Isophorone	9.74	82	155655	41.423	ng	99
26) 2-Nitrophenol	9.92	139	55876	46.243	ng	# 92
27) 2,4-Dimethylphenol	9.99	122	86480	51.957	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	96857	40.895	ng	98
29) 2,4-Dichlorophenol	10.47	162	108570	49.856	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	122296	45.753	ng	99
31) Naphthalene	10.87	128	280133	45.857	ng	99
32) Benzoic acid	10.16	122	32297	30.356	ng	96
33) 4-Chloroaniline	10.98	127	51644	18.313	ng	97
34) Hexachlorobutadiene	11.16	225	83326	46.385	ng	98
35) Caprolactam	11.76	113	22205	30.558	ng	90
36) 4-Chloro-3-methylphenol	12.12	107	100250	48.494	ng	96
37) 2-Methylnaphthalene	12.48	142	233122	47.526	ng	98
38) 1-Methylnaphthalene	12.70	142	217336	46.646	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	162315	48.872	ng	99

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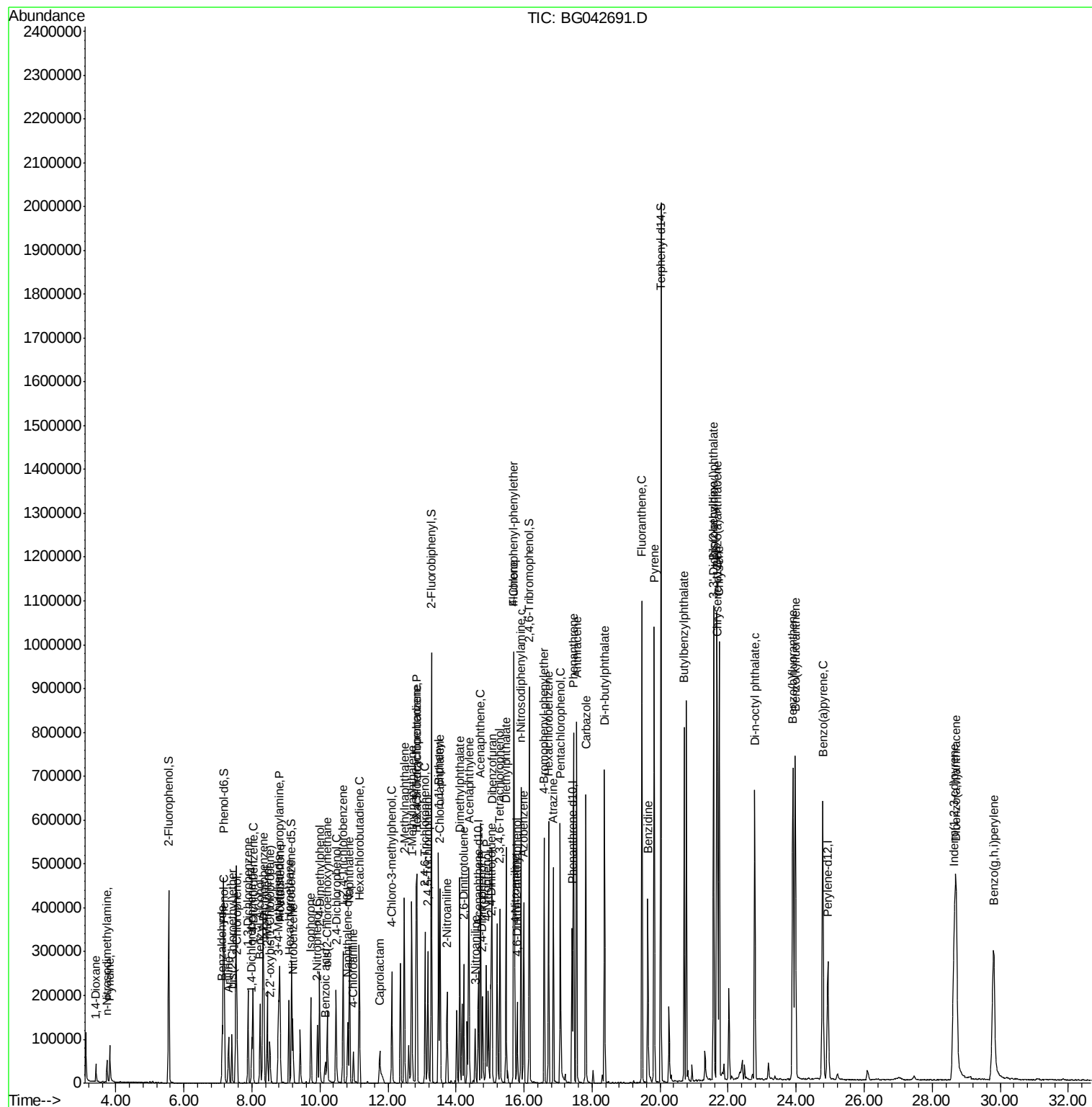
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	125421	71.891	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	103640	46.166	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	112446	48.335	ng	97
46) 1,1'-Biphenyl	13.49	154	308790	46.190	ng	96
47) 2-Chloronaphthalene	13.53	162	259817	45.072	ng	98
48) 2-Nitroaniline	13.74	65	56458	40.616	ng	95
49) Acenaphthylene	14.38	152	408047	47.051	ng	99
50) Dimethylphthalate	14.11	163	363843	48.758	ng	99
51) 2,6-Dinitrotoluene	14.23	165	80202	46.368	ng	95
52) Acenaphthene	14.72	154	237584	45.116	ng	99
53) 3-Nitroaniline	14.57	138	44556	25.757	ng	96
54) 2,4-Dinitrophenol	14.78	184	77585	67.595	ng	98
55) Dibenzofuran	15.06	168	418603	48.023	ng	99
56) 4-Nitrophenol	14.89	139	109927	89.431	ng	93
57) 2,4-Dinitrotoluene	15.02	165	113114	45.668	ng	98
58) Fluorene	15.71	166	336487	47.223	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	113262	49.231	ng	95
60) Diethylphthalate	15.47	149	322602	44.224	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	202624	47.173	ng	99
62) 4-Nitroaniline	15.73	138	77735	41.988	ng	94
63) Azobenzene	15.99	77	215679	43.149	ng	94
65) 4,6-Dinitro-2-methylphenol	15.80	198	69036	45.065	ng	93
66) n-Nitrosodiphenylamine	15.91	169	314410	46.790	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	144383	46.586	ng	98
68) Hexachlorobenzene	16.72	284	153319	45.506	ng	99
69) Atrazine	16.86	200	118945	50.056	ng	98
70) Pentachlorophenol	17.07	266	161248	92.112	ng	97
71) Phenanthrene	17.46	178	575125	47.387	ng	99
72) Anthracene	17.54	178	581952	48.031	ng	99
73) Carbazole	17.81	167	506458	46.901	ng	98
74) Di-n-butylphthalate	18.37	149	575609	45.094	ng	100
75) Fluoranthene	19.47	202	741953	50.091	ng	97
77) Benzidine	19.64	184	297693	40.273	ng	99
78) Pyrene	19.82	202	746536	47.228	ng	98
80) Butylbenzylphthalate	20.71	149	268685	43.216	ng	96
81) Benzo(a)anthracene	21.67	228	740821	47.234	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	193652	30.700	ng	99
83) Chrysene	21.74	228	714187	47.216	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	382863	44.352	ng	99
85) Di-n-octyl phthalate	22.79	149	667204	44.939	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	936426	45.556	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	808336	47.114	ng	98
89) Benzo(k)fluoranthene	23.97	252	801832	48.621	ng	# 98
90) Benzo(a)pyrene	24.78	252	803884	49.377	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	777888	47.190	ng	97
92) Benzo(g,h,i)perylene	29.81	276	773559	46.920	ng	99

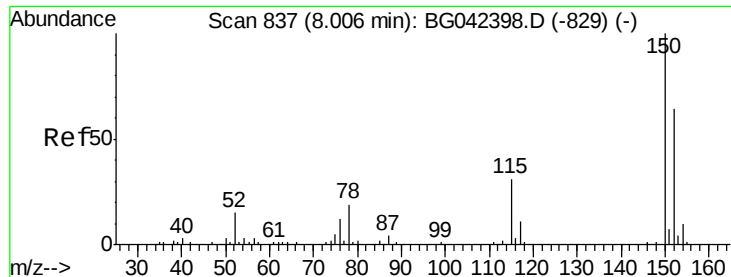
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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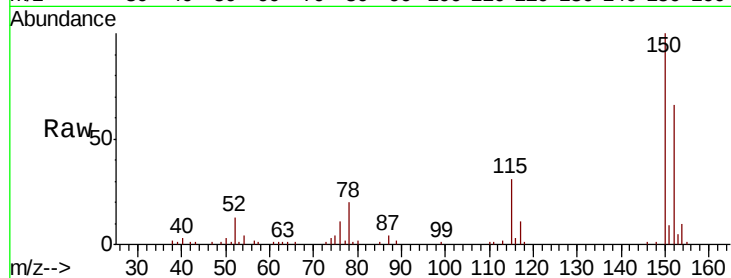


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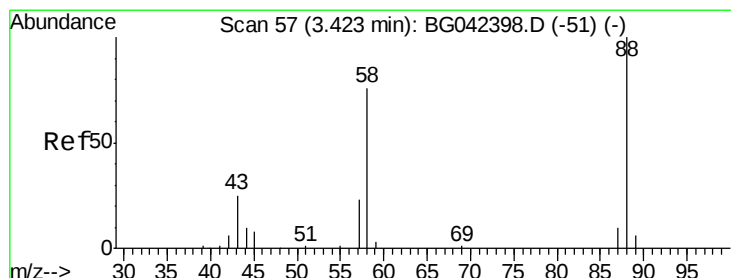
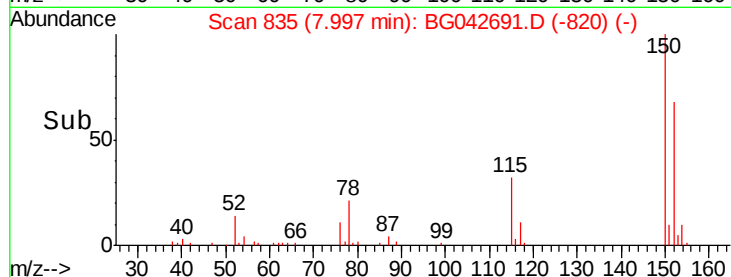
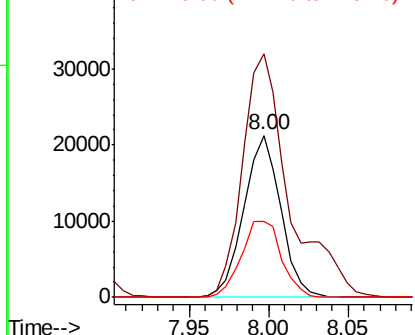
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34326
Ion Ratio Lower Upper
152 100
150 150.5 125.4 188.0
115 46.6 38.5 57.7



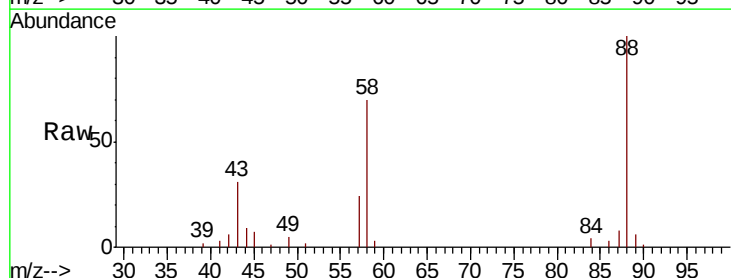
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



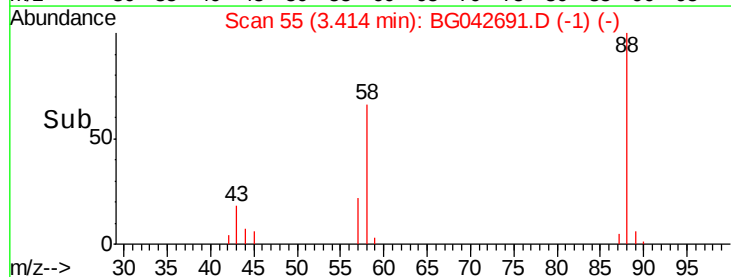
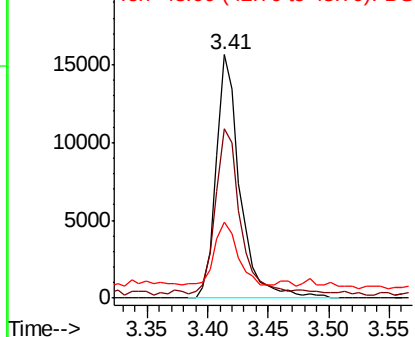
#2

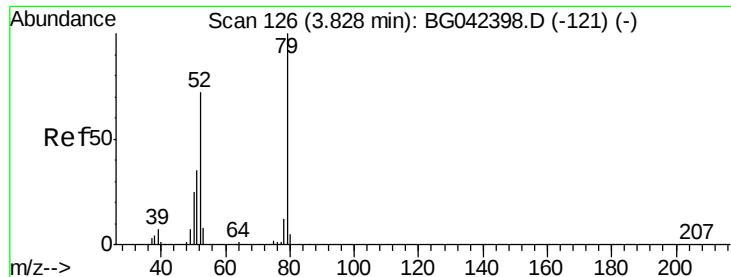
1,4-Dioxane
Concen: 29.972 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion: 88 Resp: 21199
Ion Ratio Lower Upper
88 100
58 73.2 58.3 87.5
43 24.8 20.2 30.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.314 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

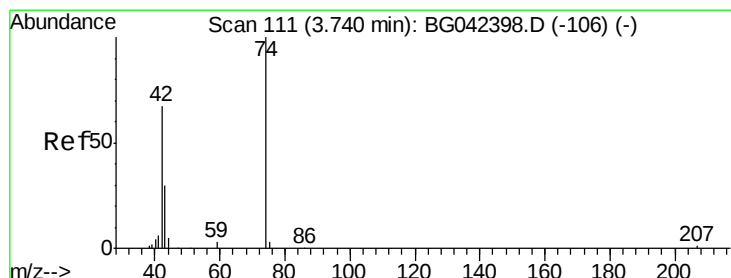
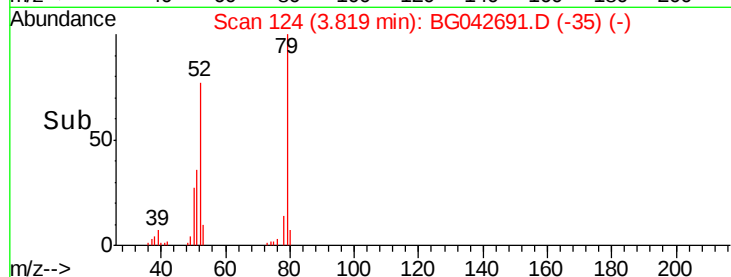
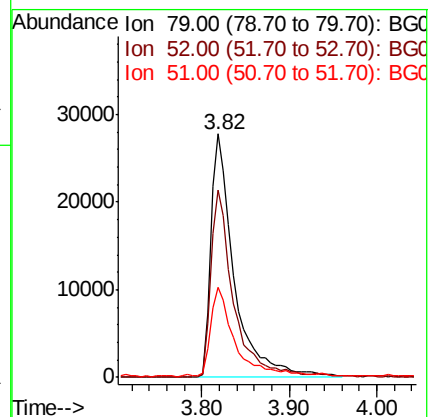
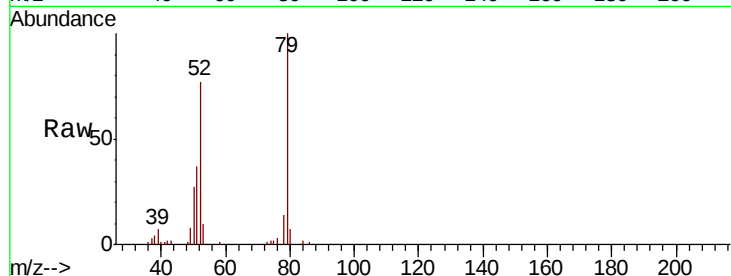
Tot Ion: 79 Resp: 51352

Ion Ratio Lower Upper

79 100

52 76.9 57.7 86.5

51 36.9 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 41.332 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

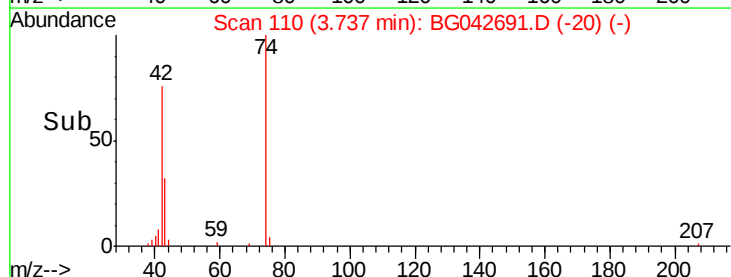
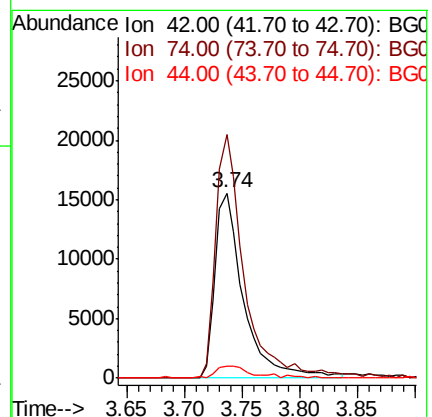
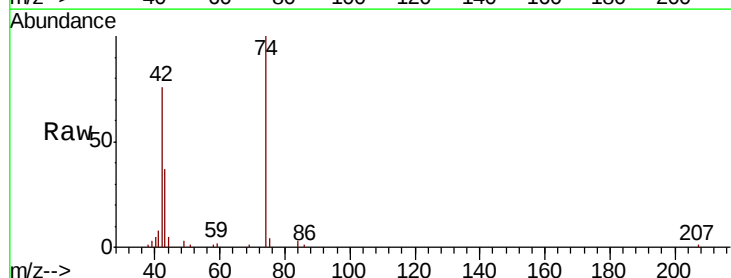
Tgt Ion: 42 Resp: 26774

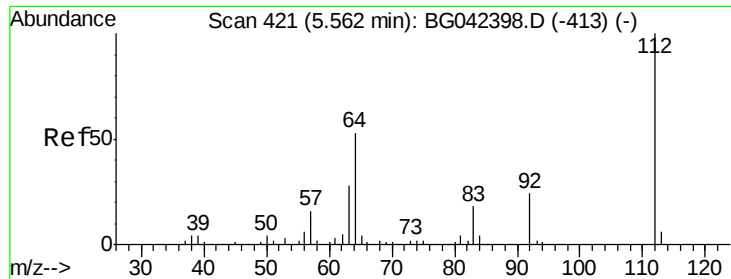
Ion Ratio Lower Upper

42 100

74 131.7 119.6 179.4

44 6.3 6.5 9.7#





#5

2-Fluorophenol

Concen: 130.617 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

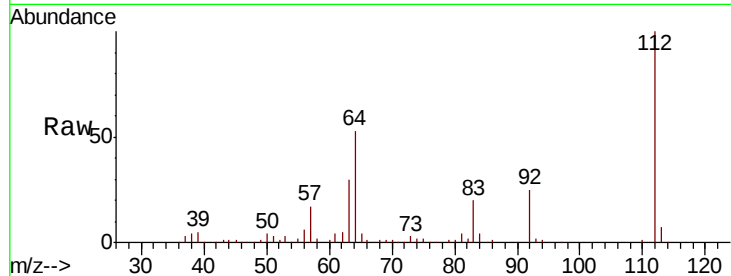
Tot Ion:112 Resp: 221378

Ion Ratio Lower Upper

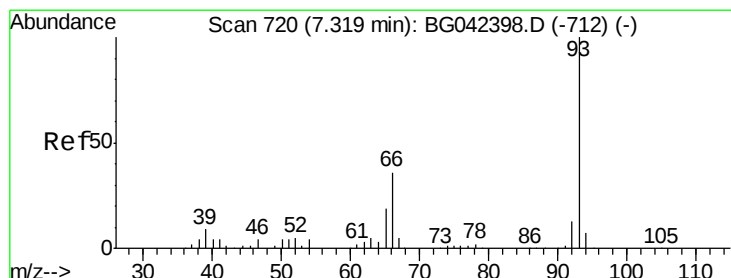
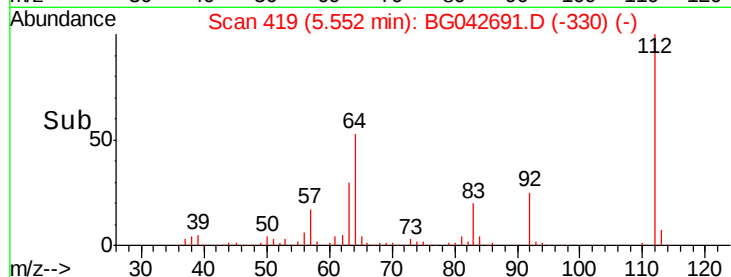
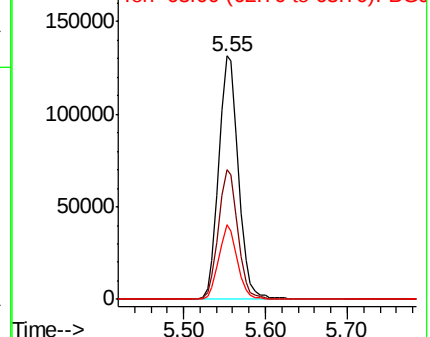
112 100

64 53.3 42.8 64.2

63 30.4 22.7 34.1



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



#6

Aniline

Concen: 24.457 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

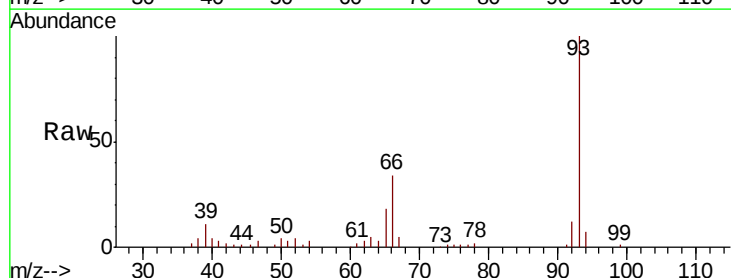
Tgt Ion: 93 Resp: 74680

Ion Ratio Lower Upper

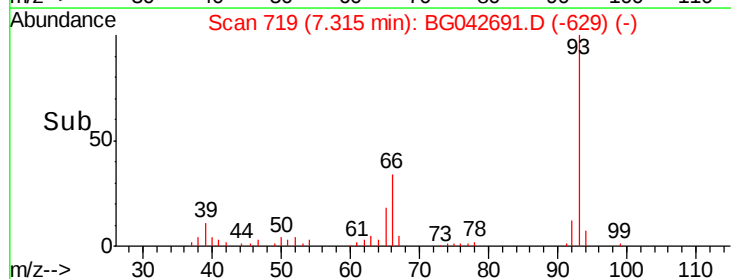
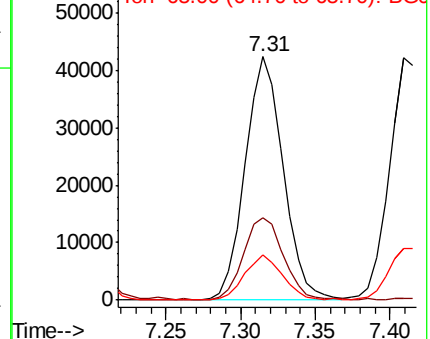
93 100

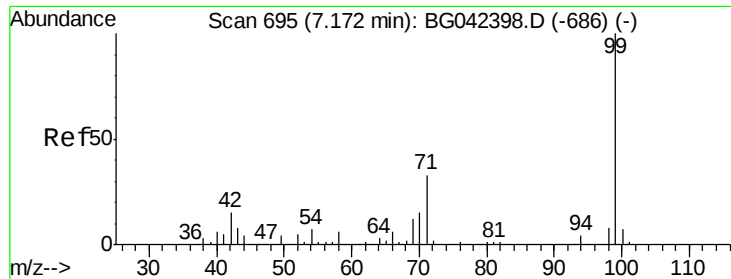
66 33.8 29.0 43.6

65 18.3 15.2 22.8



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





#7

Phenol-d6

Concen: 130.351 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

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ClientSampleId :

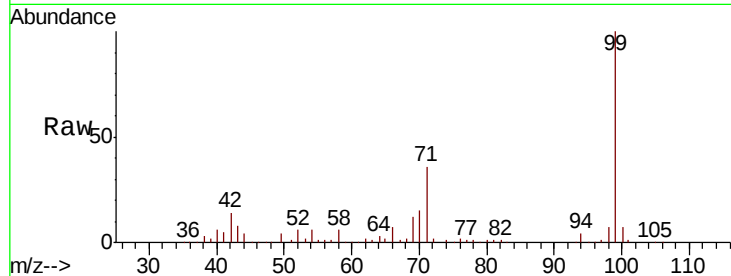
Tot Ion: 99 Resp: 298423

Ion Ratio Lower Upper

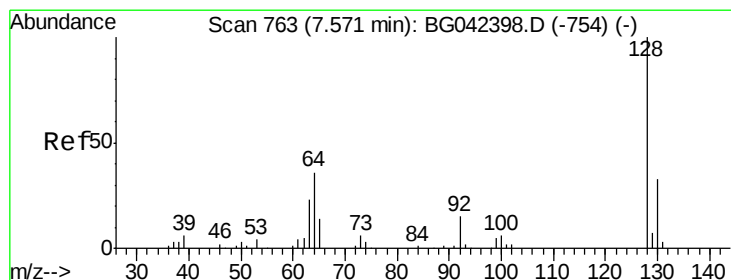
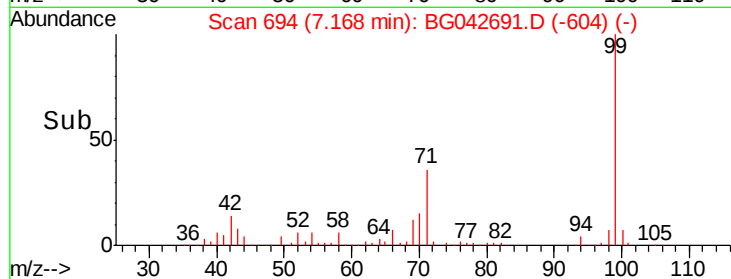
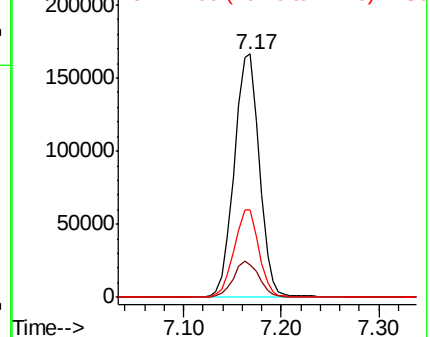
99 100

42 13.5 12.0 18.0

71 35.7 26.3 39.5



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: 44.033 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

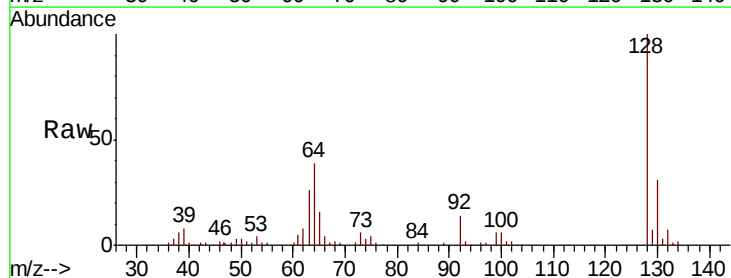
Tgt Ion: 128 Resp: 90446

Ion Ratio Lower Upper

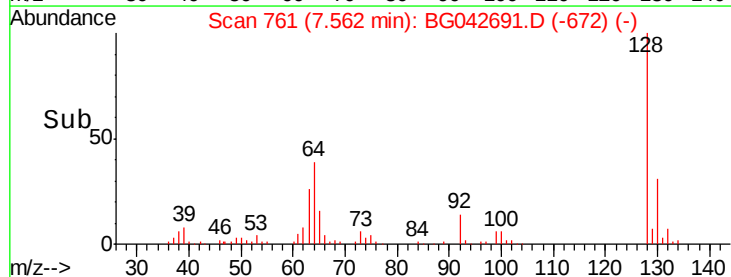
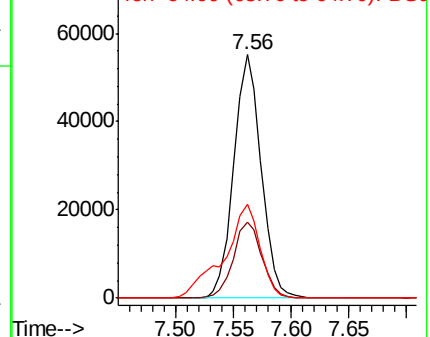
128 100

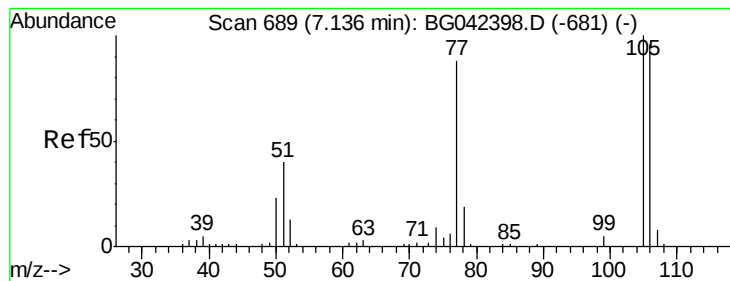
130 31.1 12.8 52.8

64 38.5 19.2 59.2



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





#9

Benzaldehyde

Concen: 41.019 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

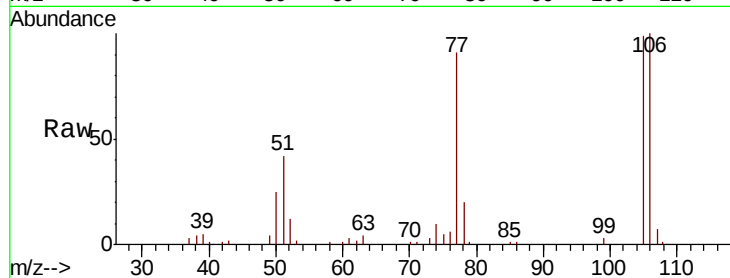
Tot Ion: 77 Resp: 47014

Ion Ratio Lower Upper

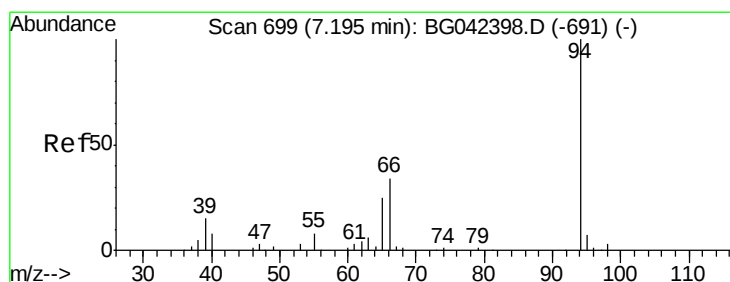
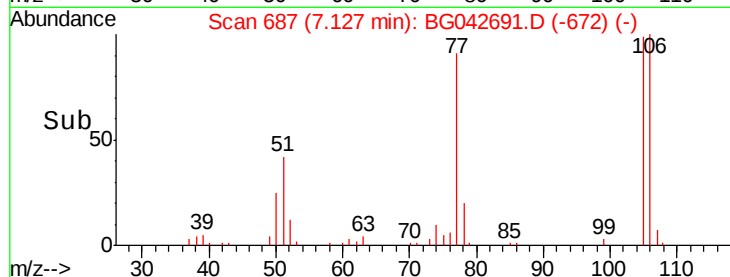
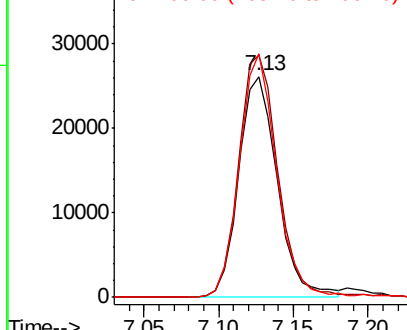
77 100

105 109.6 93.4 133.4

106 110.4 88.4 128.4



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: 52.550 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

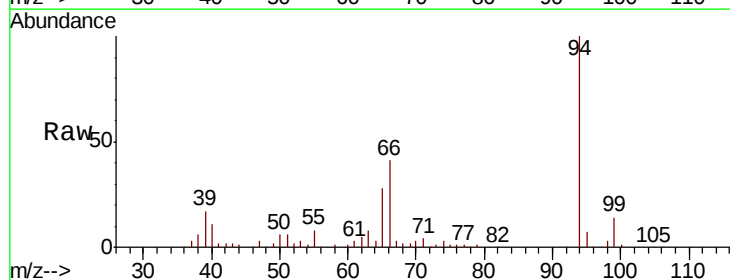
Tgt Ion: 94 Resp: 122322

Ion Ratio Lower Upper

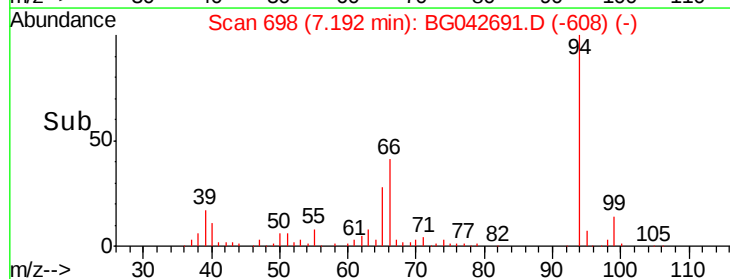
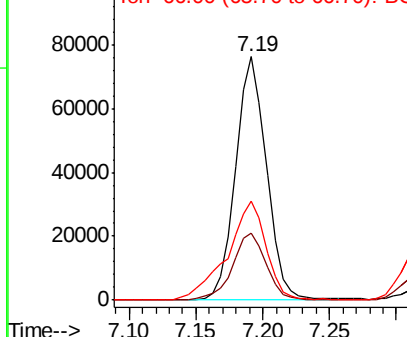
94 100

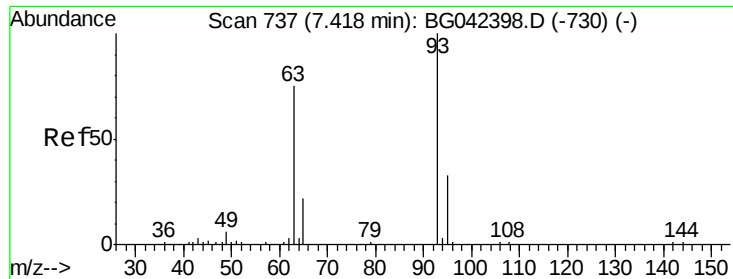
65 27.5 5.6 45.6

66 40.7 16.0 56.0



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

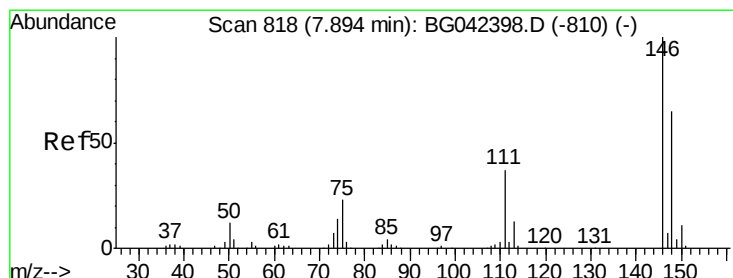
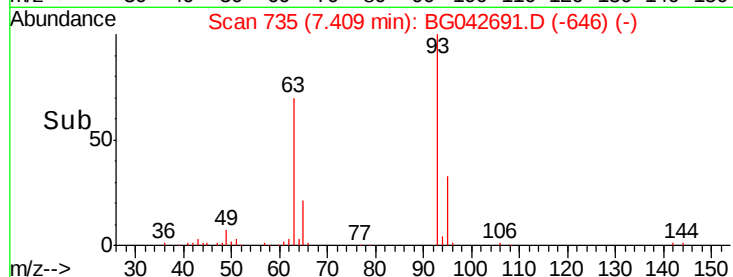
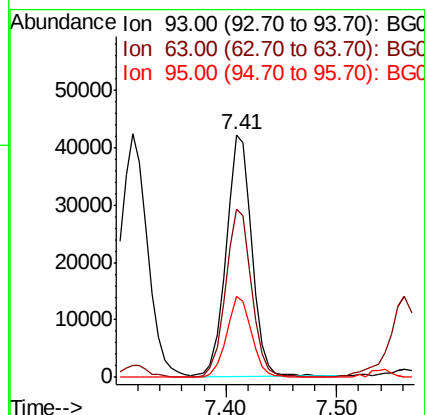
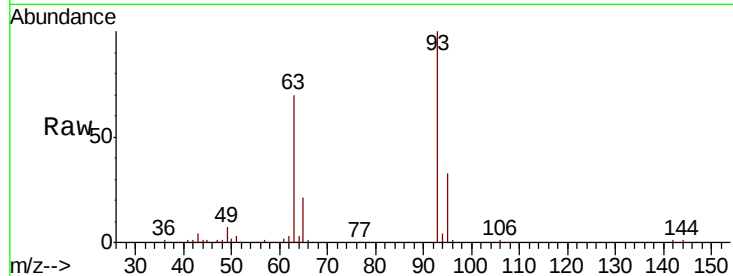




#11
 bis(2-Chloroethyl)ether
 Concen: 37.276 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

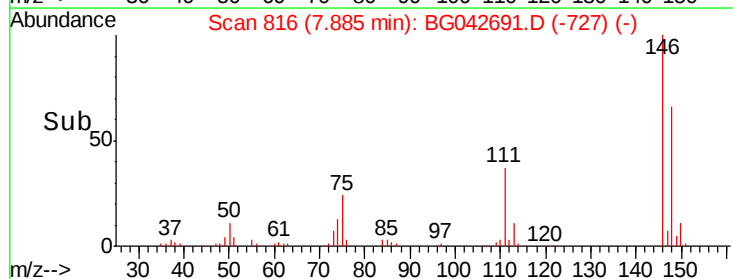
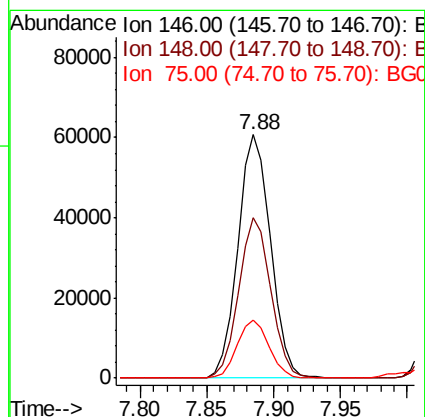
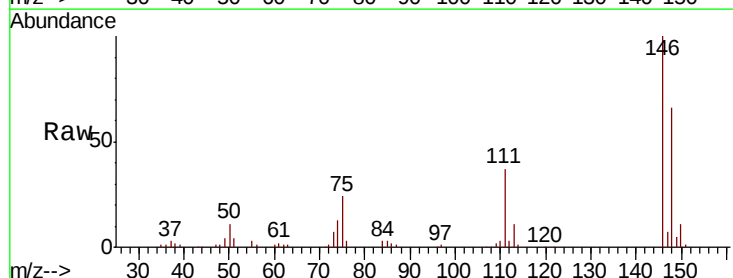
Instrument :
 BNA_G
 ClientSampleId :

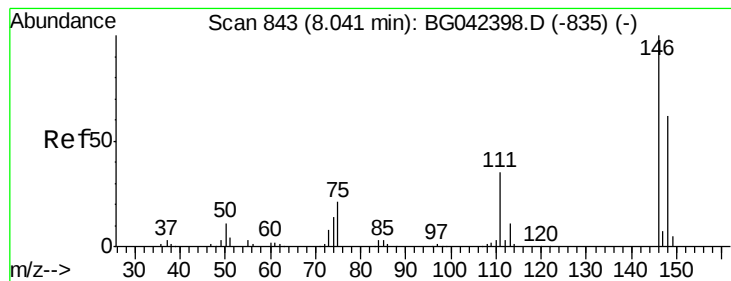
Tot Ion	93	Resp	68144
Ion	Ratio	Lower	Upper
93	100		
63	69.5	53.8	93.8
95	33.4	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 39.225 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion	146	Resp	102496
Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
75	23.6	18.0	27.0





#13

1,4-Dichlorobenzene

Concen: 39.938 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

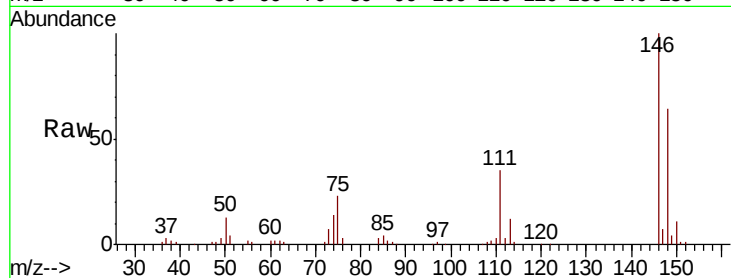
Tot Ion:146 Resp: 105709

Ion Ratio Lower Upper

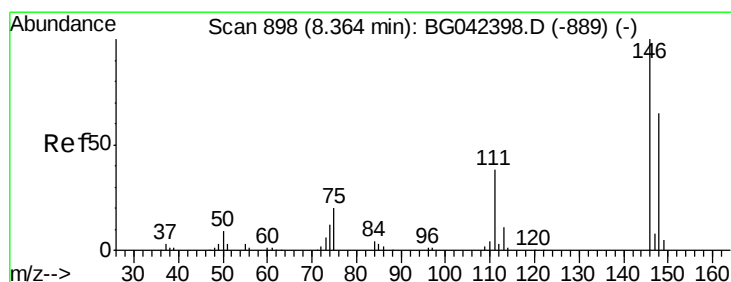
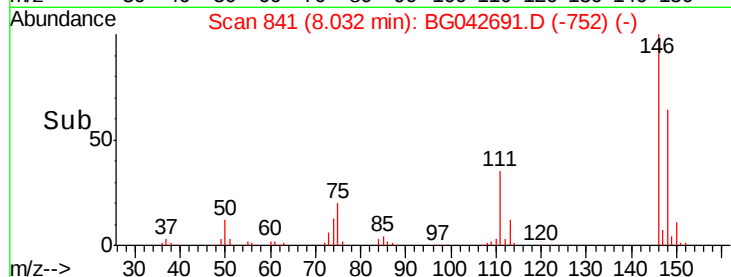
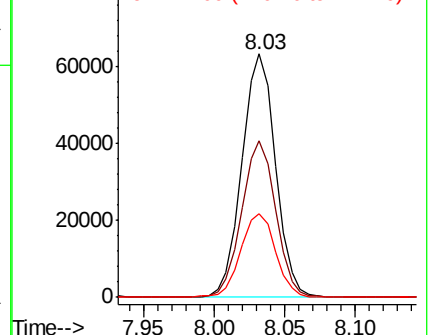
146 100

148 64.3 49.5 74.3

111 34.6 28.1 42.1



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



#14

1,2-Dichlorobenzene

Concen: 39.879 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

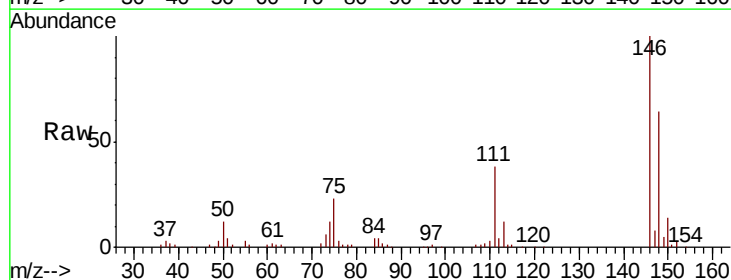
Tgt Ion:146 Resp: 101082

Ion Ratio Lower Upper

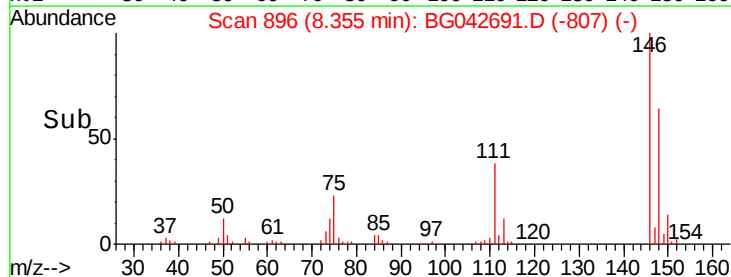
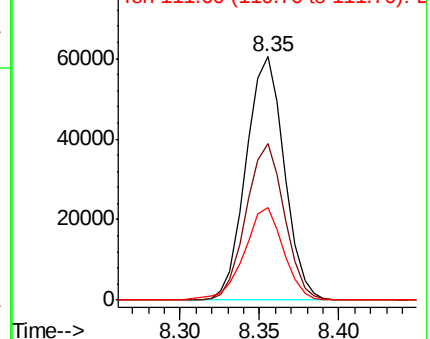
146 100

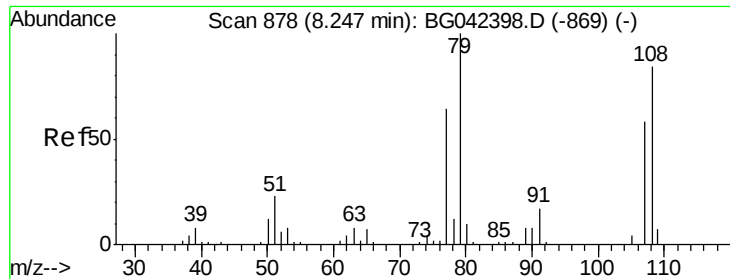
148 64.5 51.8 77.6

111 38.0 30.9 46.3



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





#15

Benzyl Alcohol

Concen: 41.011 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampled :

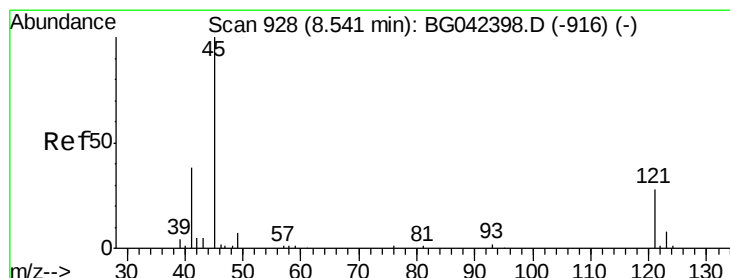
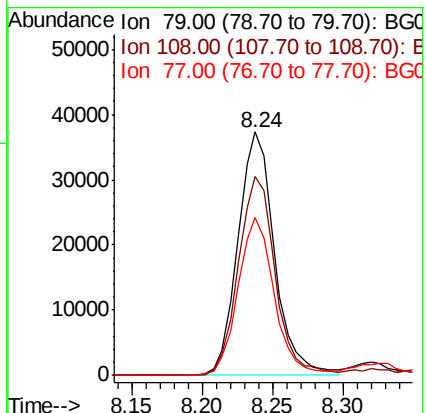
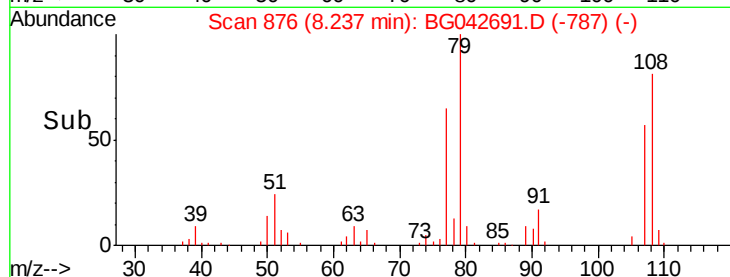
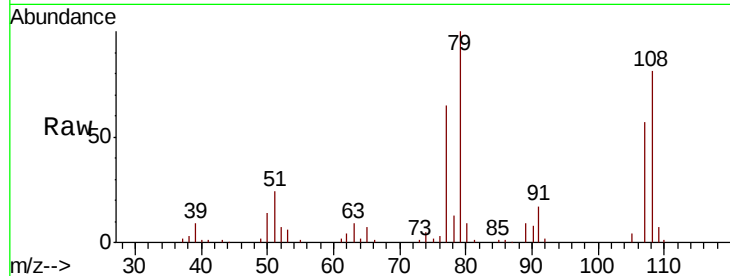
Tot Ion: 79 Resp: 67548

Ion Ratio Lower Upper

79 100

108 81.5 67.4 101.2

77 64.9 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.772 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

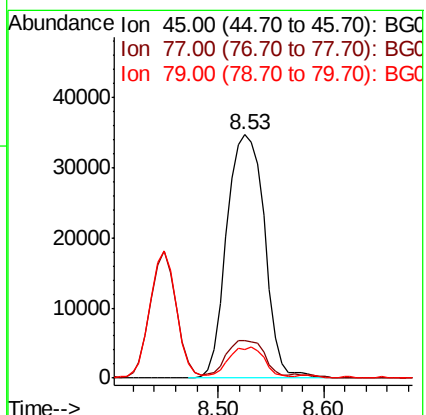
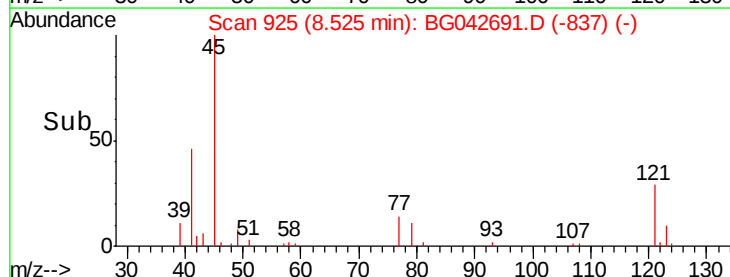
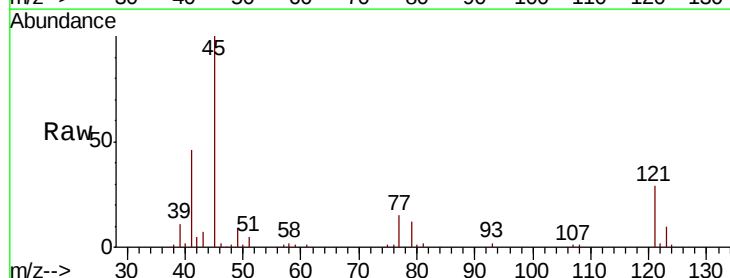
Tgt Ion: 45 Resp: 86157

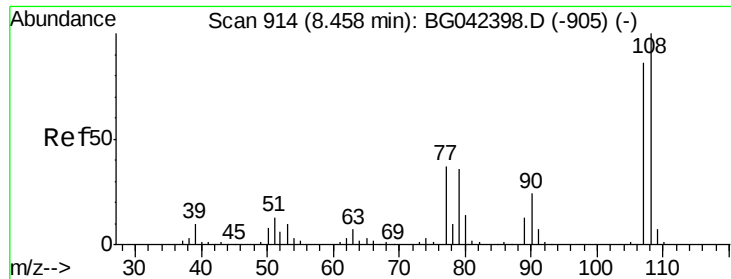
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.6

79 11.8 0.0 31.6

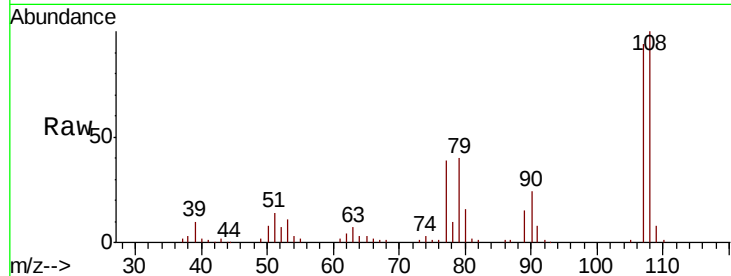




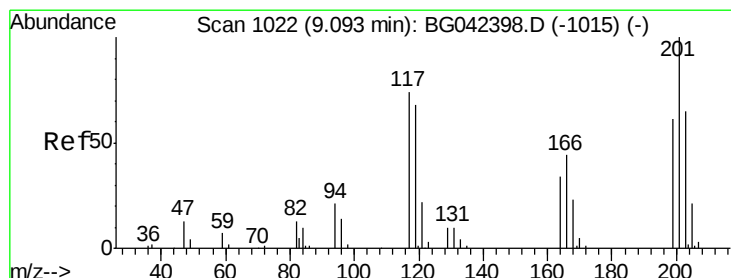
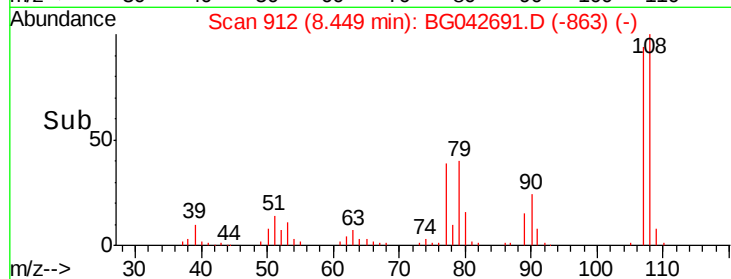
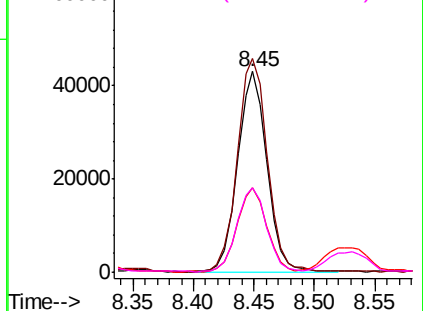
#17
2-Methylphenol
Concen: 42.713 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 73231
Ion Ratio Lower Upper
107 100
108 106.5 92.9 139.3
77 42.0 34.4 51.6
79 42.2 33.8 50.6

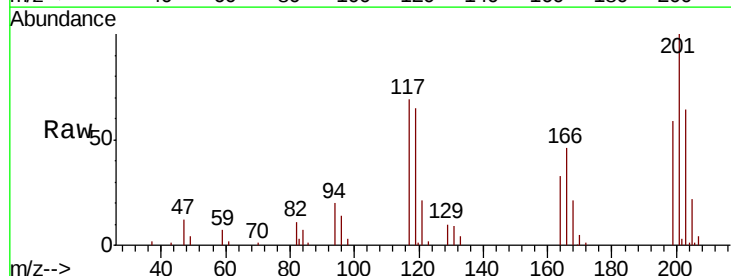


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

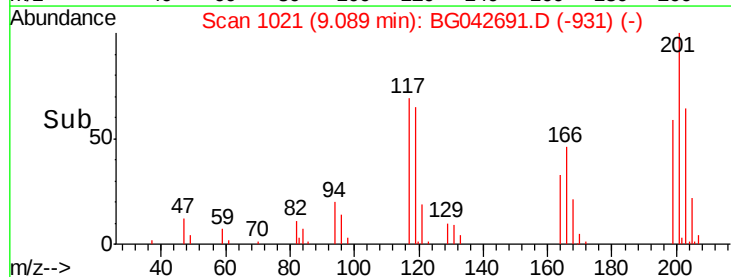
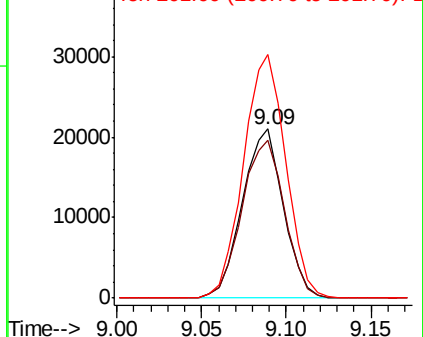


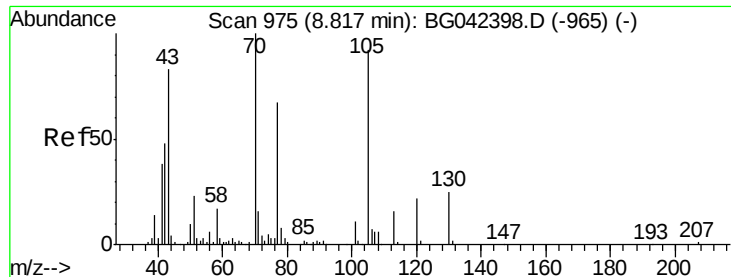
#18
Hexachloroethane
Concen: 39.209 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion:117 Resp: 35528
Ion Ratio Lower Upper
117 100
119 93.5 73.8 110.8
201 144.3 108.3 162.5



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

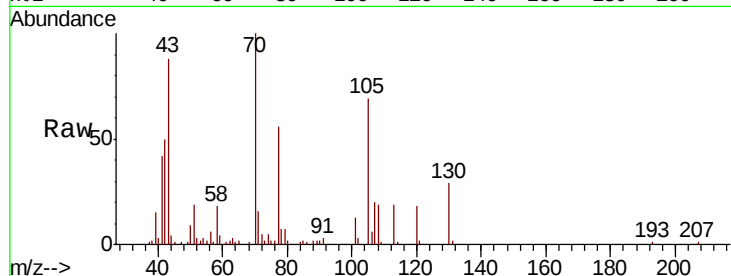




#19
n-Nitroso-di-n-propylamine
Concen: 36.876 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	54694
Ion	Ratio	Lower	Upper
70	100		
42	50.4	38.8	58.2
101	13.3	9.0	13.6
130	29.2	20.0	30.0



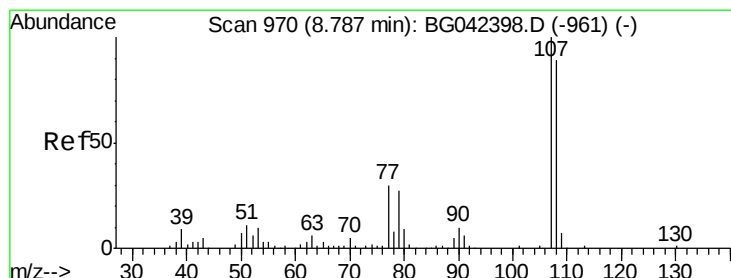
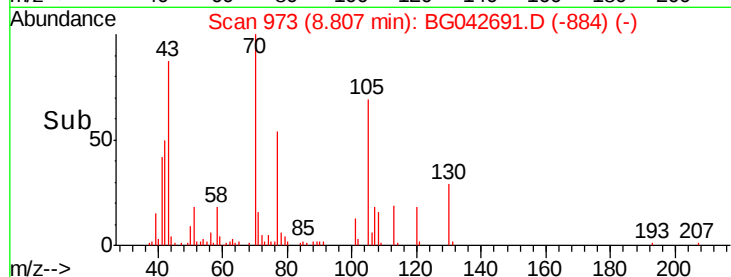
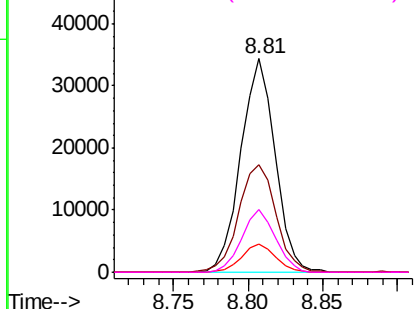
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

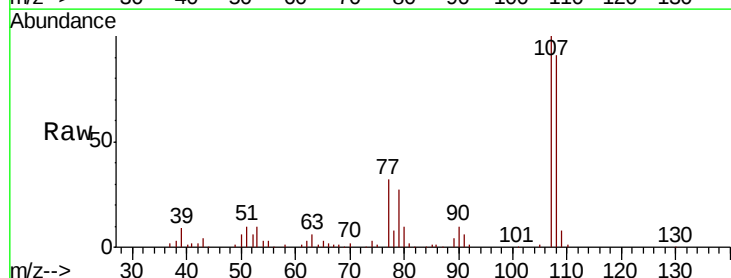
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 41.367 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion:	107	Resp:	98140
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.7	108.7
77	31.9	10.2	50.2
79	27.5	6.9	46.9



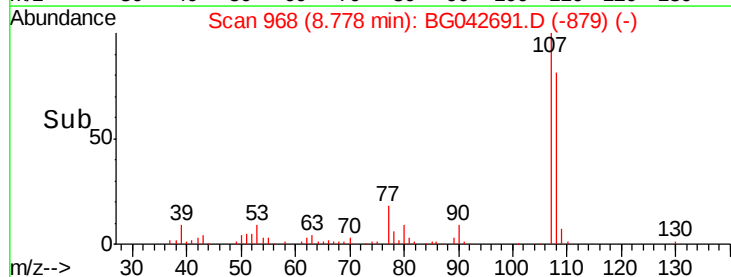
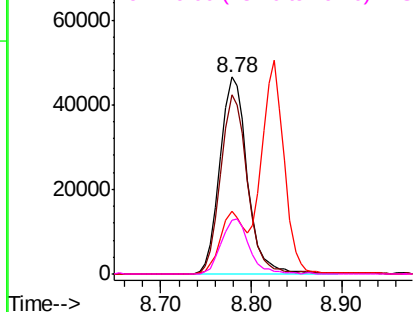
Abundance

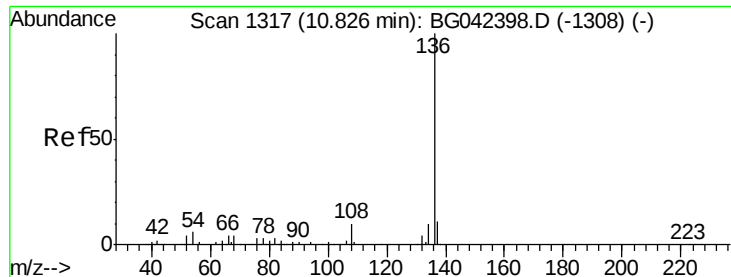
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 131579

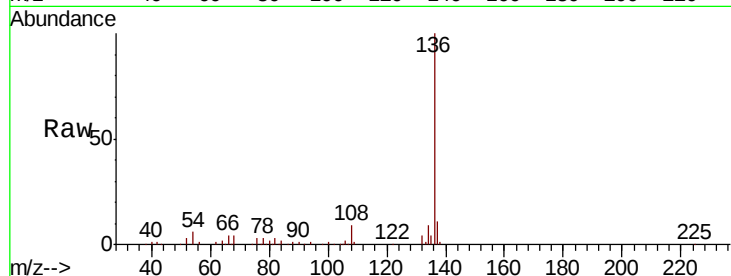
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 5.7 4.9 7.3

68 4.1 3.6 5.4

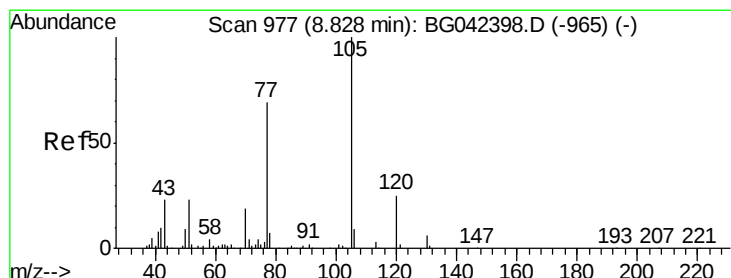
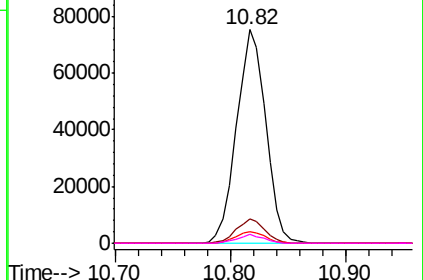
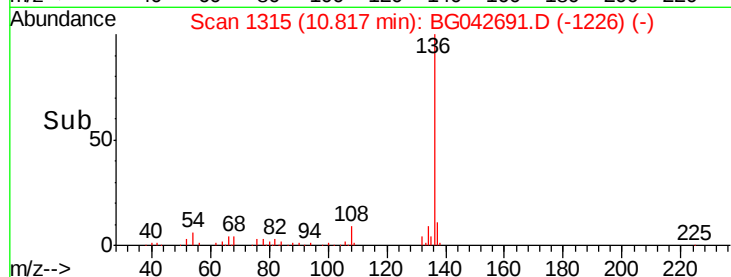


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.779 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Tgt Ion:105 Resp: 126019

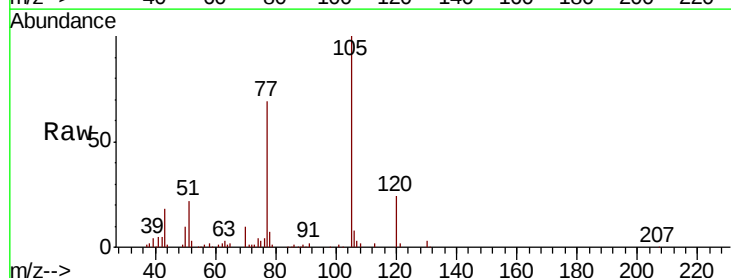
Ion Ratio Lower Upper

105 100

71 1.5 2.8 4.2#

51 21.9 18.7 28.1

120 24.3 20.1 30.1

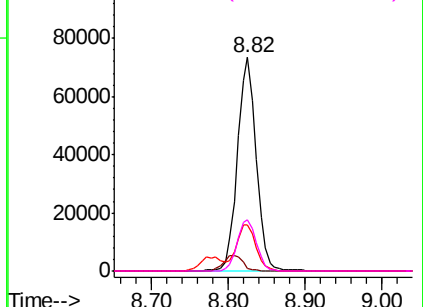
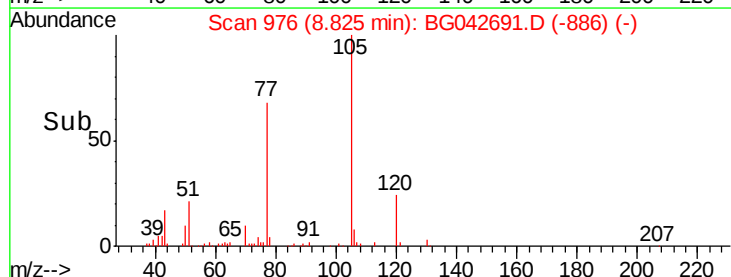


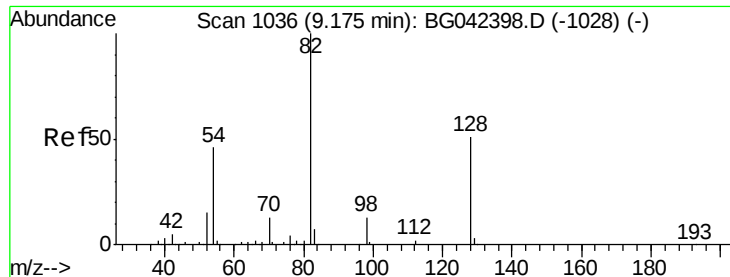
Abundance Ion 105.00 (104.70 to 105.70): E

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

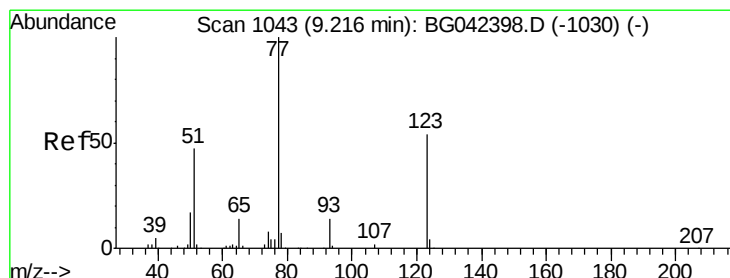
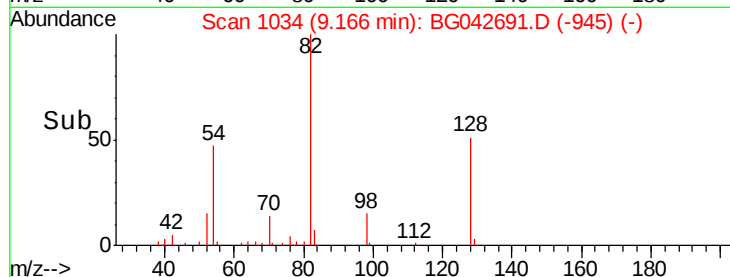
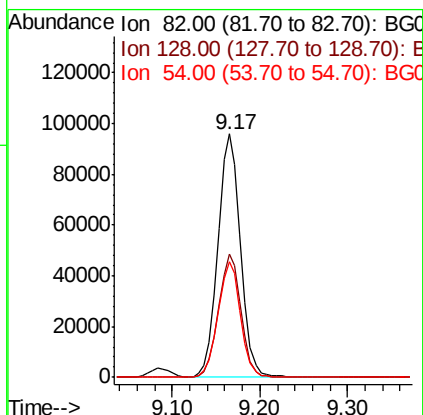
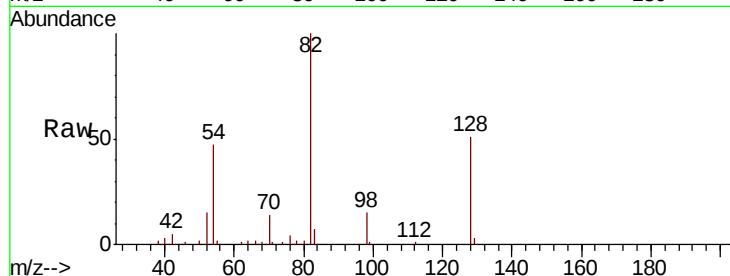




#23
 Nitrobenzene-d5
 Concen: 90.122 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

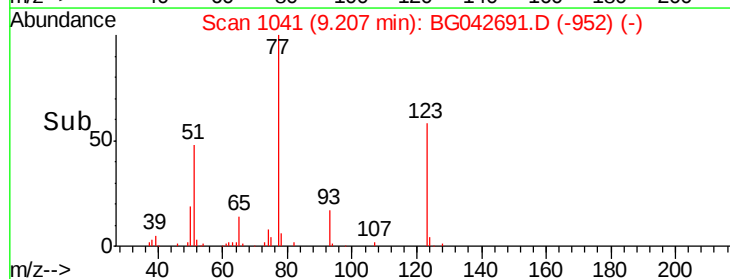
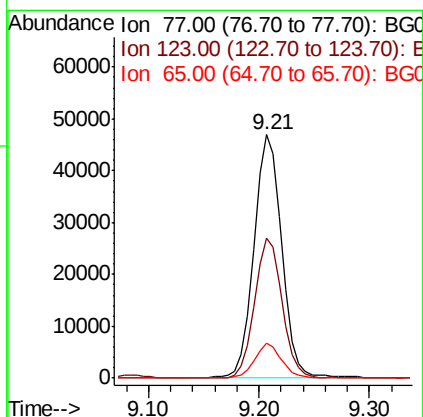
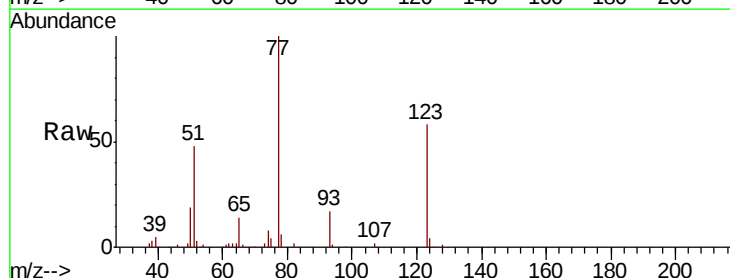
Instrument :
 BNA_G
 ClientSampleID :

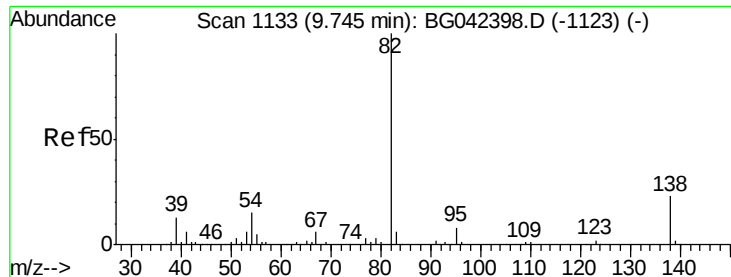
Tot Ion: 82 Resp: 171598
 Ion Ratio Lower Upper
 82 100
 128 50.7 40.7 61.1
 54 47.5 36.3 54.5



#24
 Nitrobenzene
 Concen: 43.079 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion: 77 Resp: 83062
 Ion Ratio Lower Upper
 77 100
 123 57.7 43.4 65.0
 65 14.1 11.0 16.6





#25

Isophorone

Concen: 41.423 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampled :

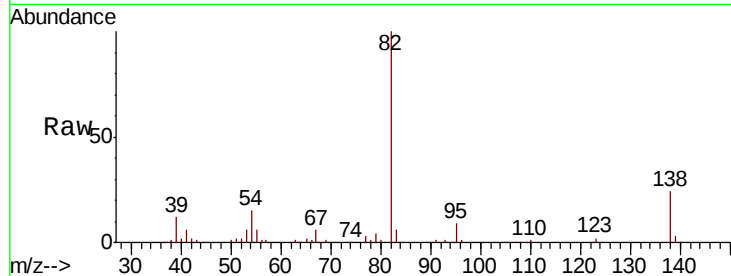
Tot Ion: 82 Resp: 155655

Ion Ratio Lower Upper

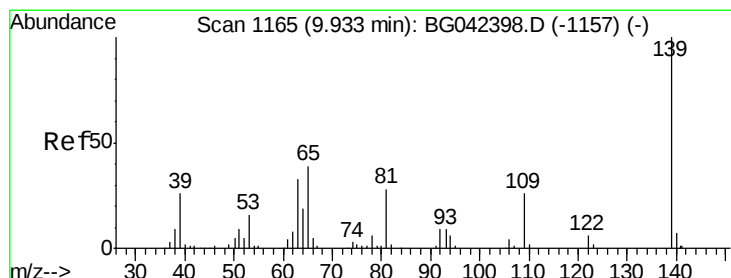
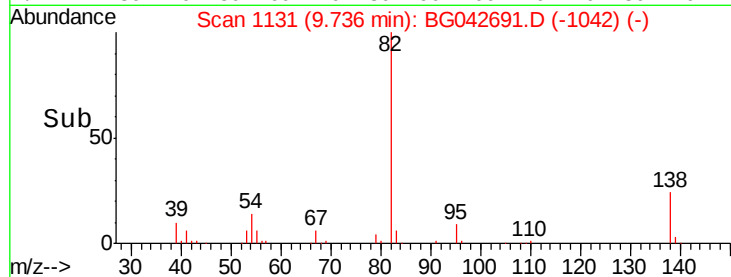
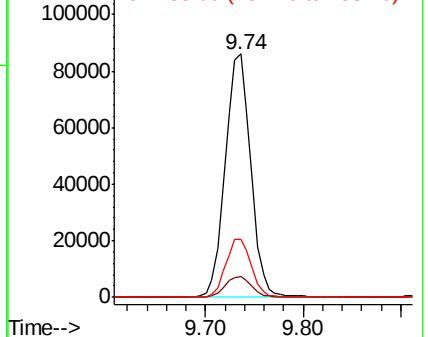
82 100

95 8.7 6.6 9.8

138 23.7 18.6 27.8



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



#26

2-Nitrophenol

Concen: 46.243 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

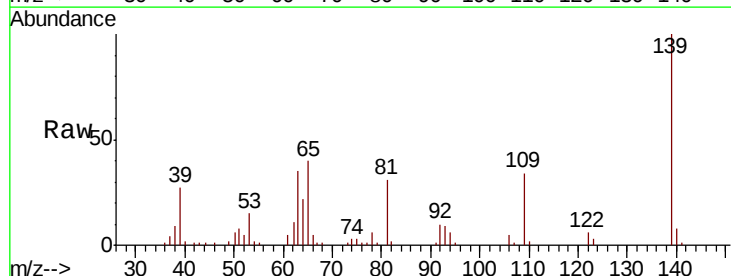
Tgt Ion: 139 Resp: 55876

Ion Ratio Lower Upper

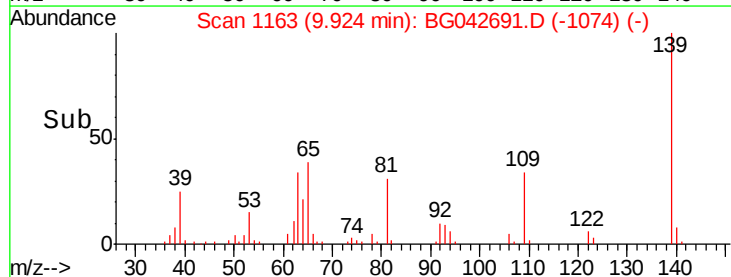
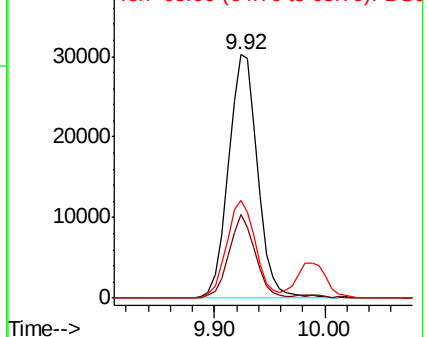
139 100

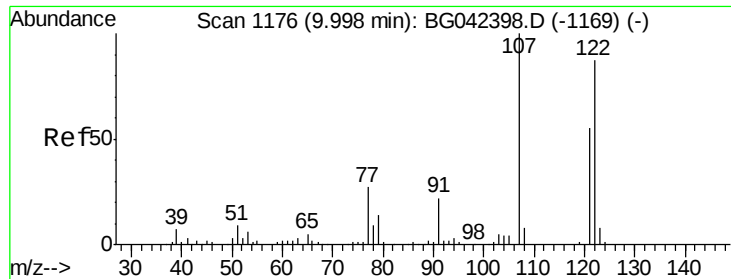
109 34.2 20.5 30.7#

65 40.2 30.9 46.3



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

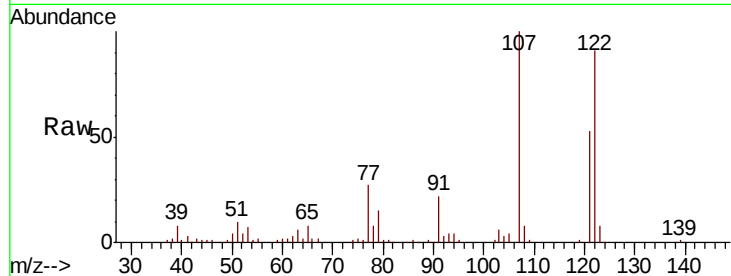




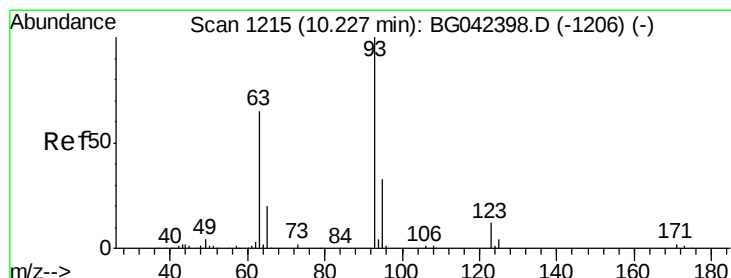
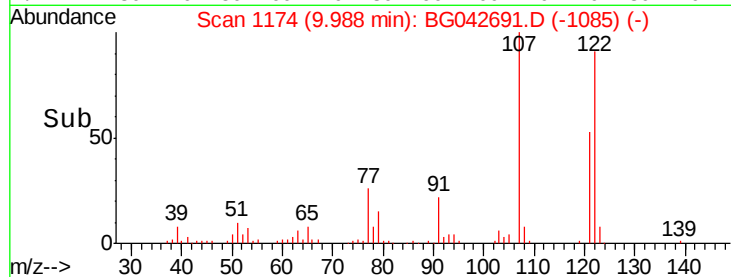
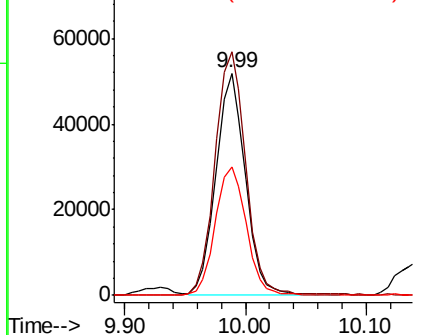
#27
 2,4-Dimethylphenol
 Concen: 51.957 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 86480
 Ion Ratio Lower Upper
 122 100
 107 109.6 90.8 136.2
 121 57.5 49.6 74.4

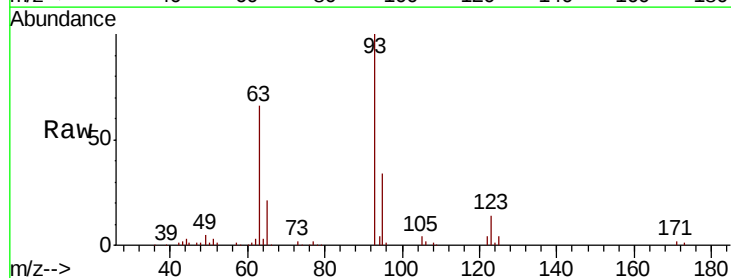


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

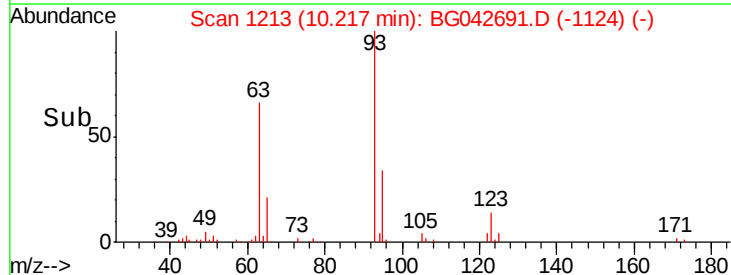
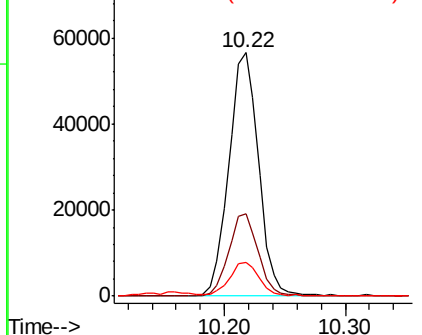


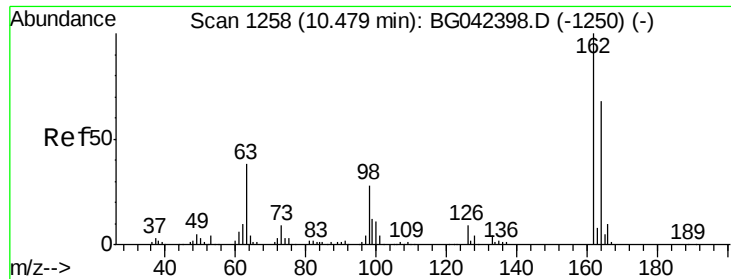
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.895 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion: 93 Resp: 96857
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.6 40.0
 123 14.0 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

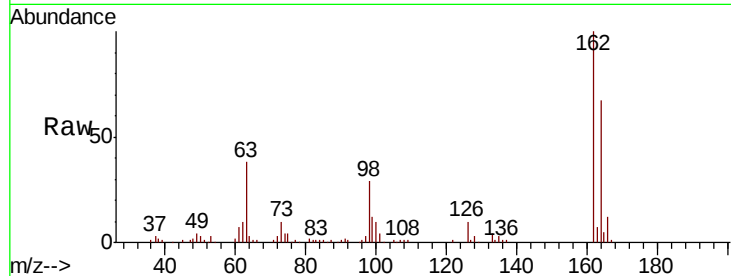




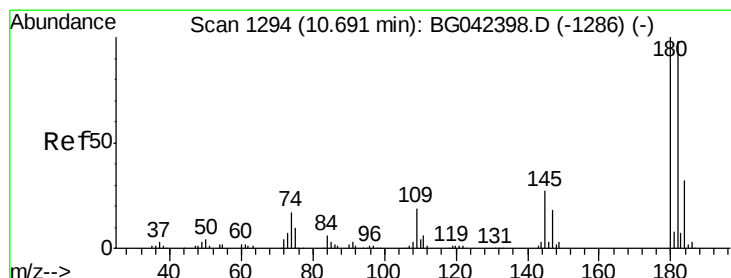
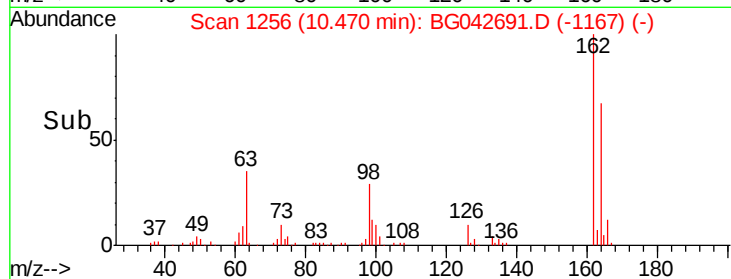
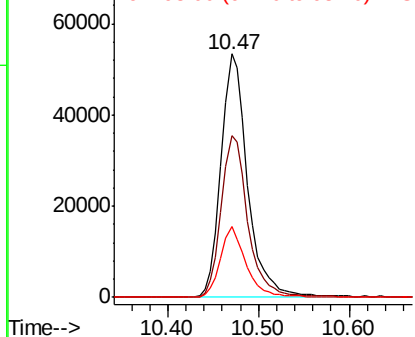
#29
 2,4-Dichlorophenol
 Concen: 49.856 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	48.1	88.1
98	29.1	7.6	47.6

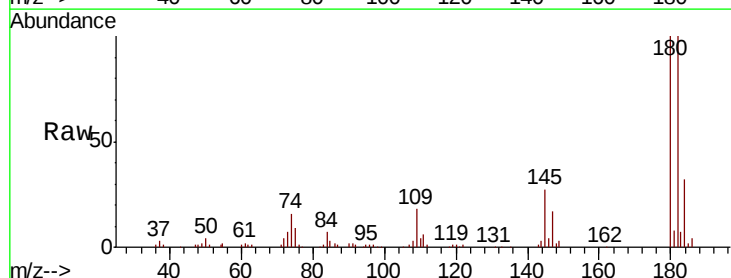


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

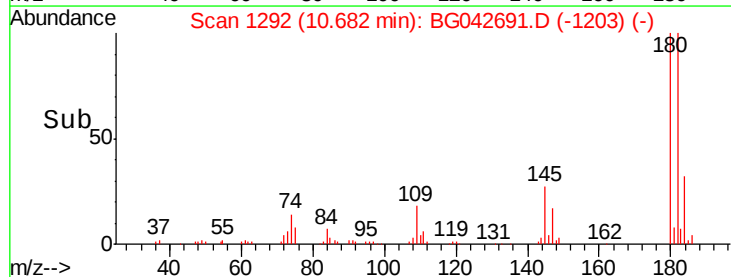
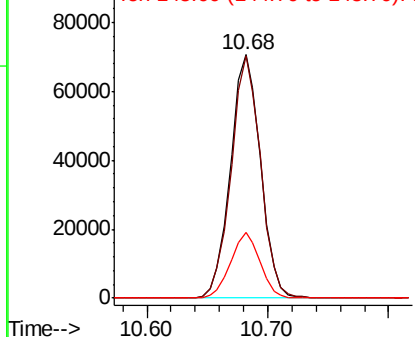


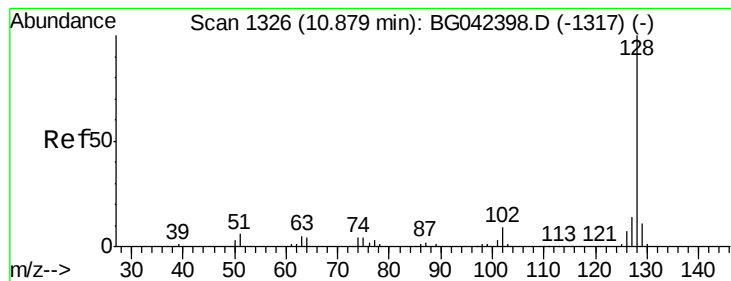
#30
 1,2,4-Trichlorobenzene
 Concen: 45.753 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	78.7	118.1
145	26.9	21.6	32.4



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





#31

Naphthalene

Concen: 45.857 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

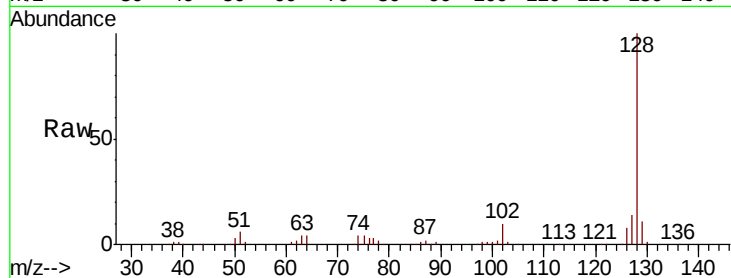
Tot Ion:128 Resp: 280133

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

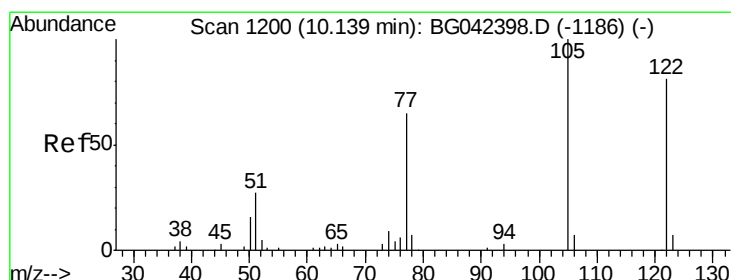
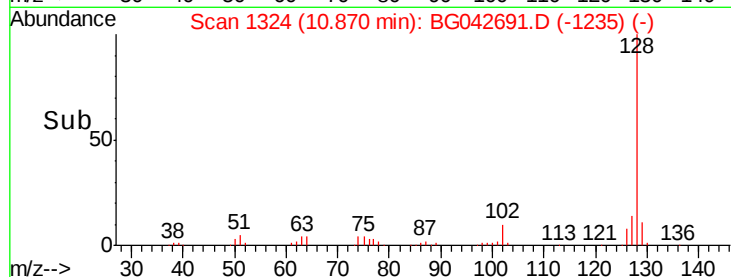
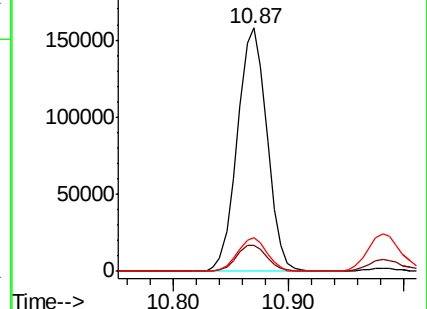
127 13.8 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.356 ng

RT: 10.16 min Scan# 1203

Delta R.T. 0.02 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

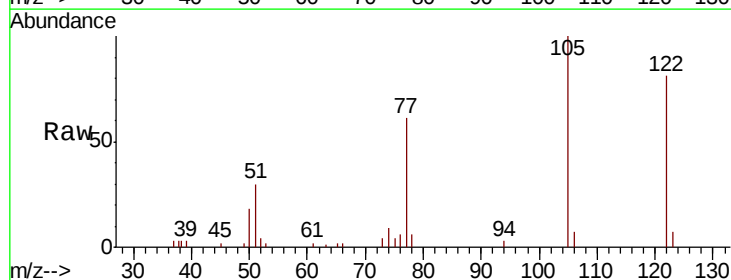
Tgt Ion:122 Resp: 32297

Ion Ratio Lower Upper

122 100

105 123.6 99.6 139.6

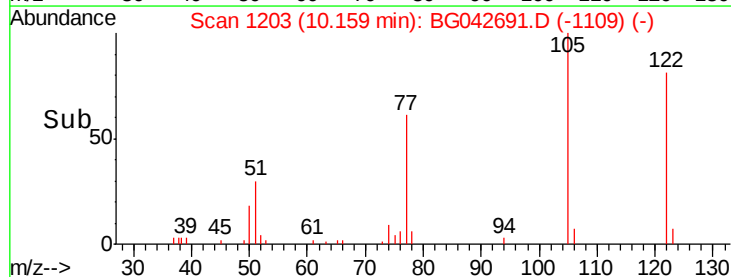
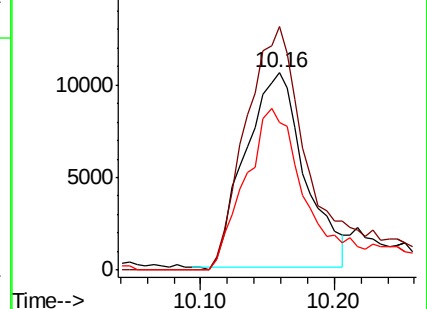
77 75.2 59.5 99.5

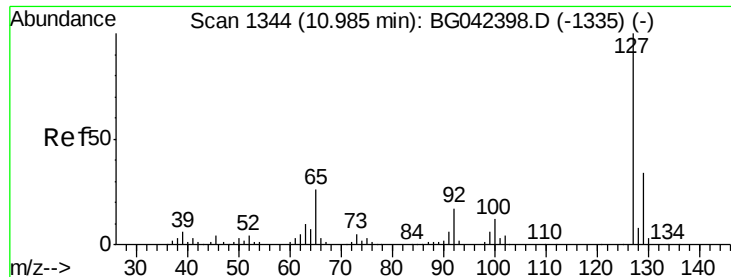


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

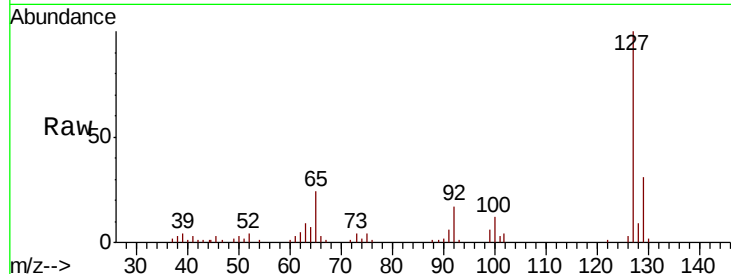




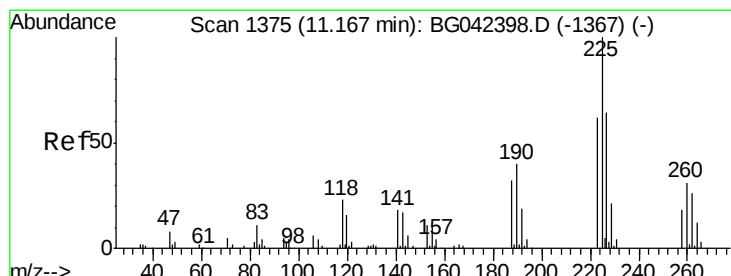
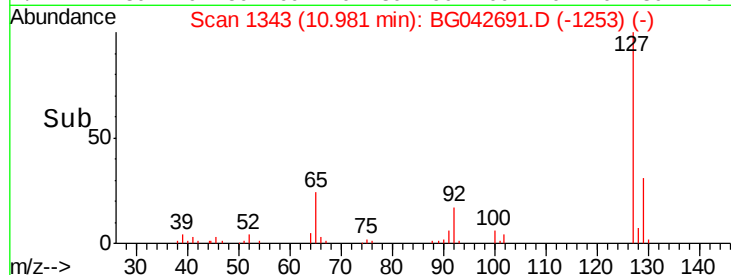
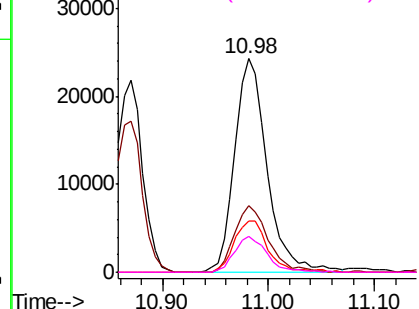
#33
4-Chloroaniline
Concen: 18.313 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	51644
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.8	40.2
65	24.1	20.7	31.1
92	16.7	13.6	20.4

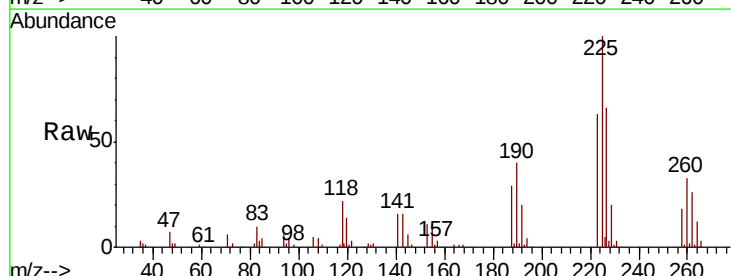


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

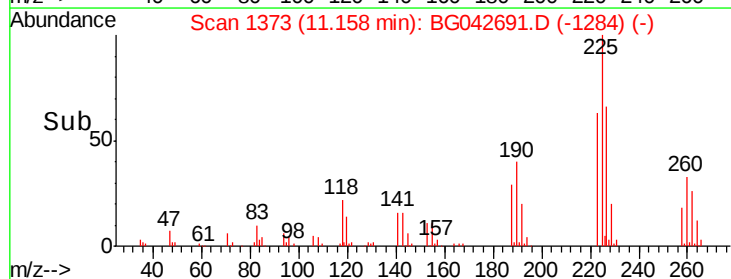
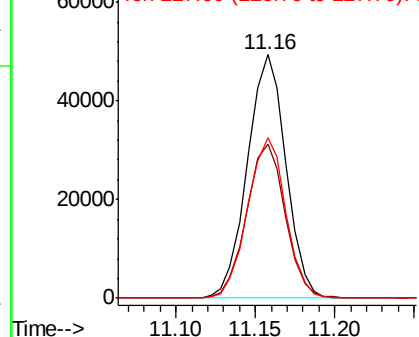


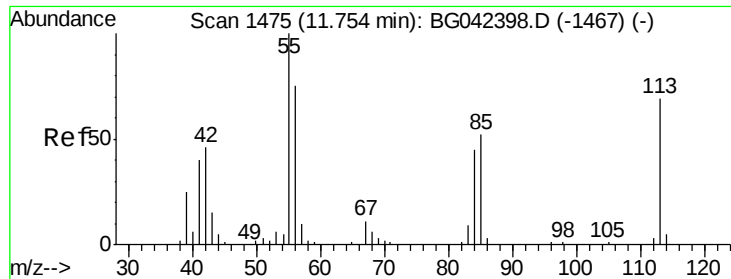
#34
Hexachlorobutadiene
Concen: 46.385 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion:	225	Resp:	83326
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	65.6	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

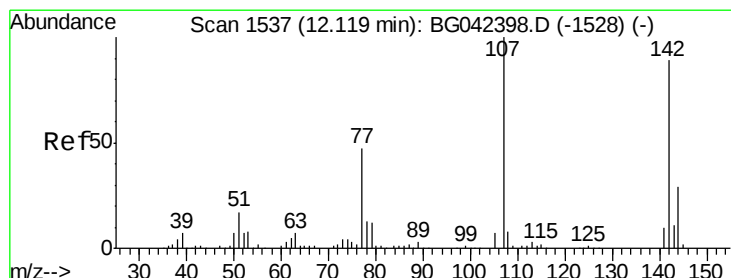
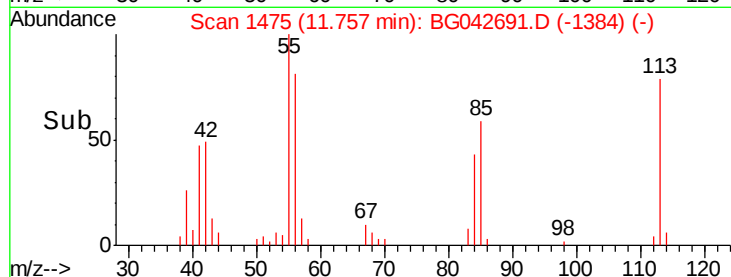
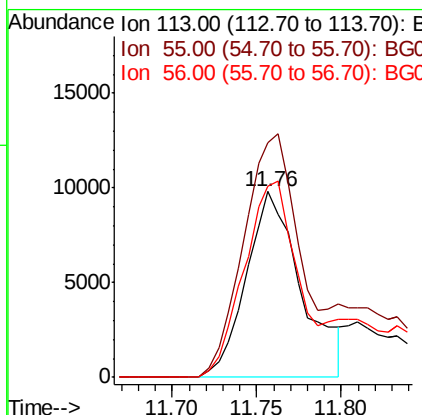
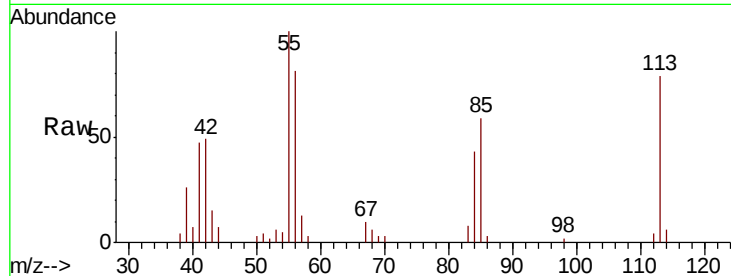




#35
 Caprolactam
 Concen: 30.558 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

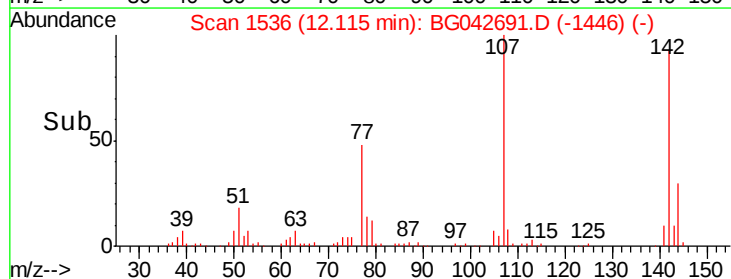
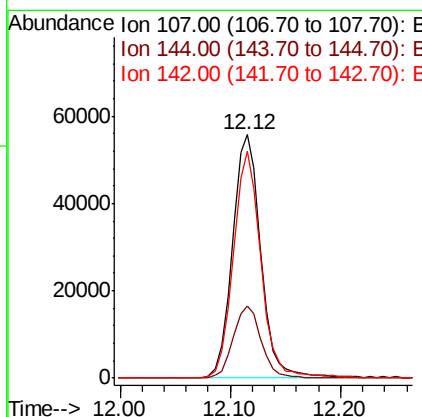
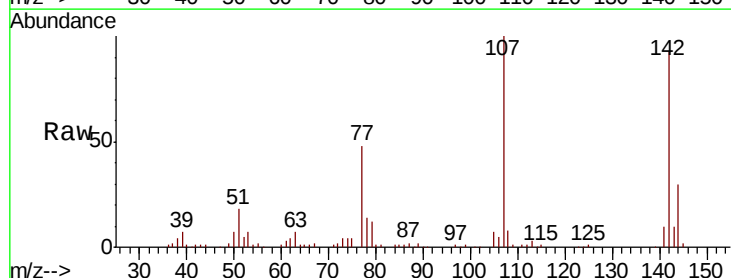
Instrument :
 BNA_G
 ClientSampled :

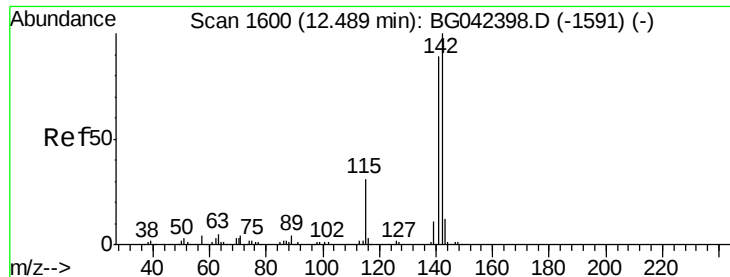
Tot Ion:113 Resp: 22205
 Ion Ratio Lower Upper
 113 100
 55 126.8 124.6 164.6
 56 102.8 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.494 ng
 RT: 12.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion:107 Resp: 100250
 Ion Ratio Lower Upper
 107 100
 144 29.9 23.6 35.4
 142 93.1 71.0 106.4

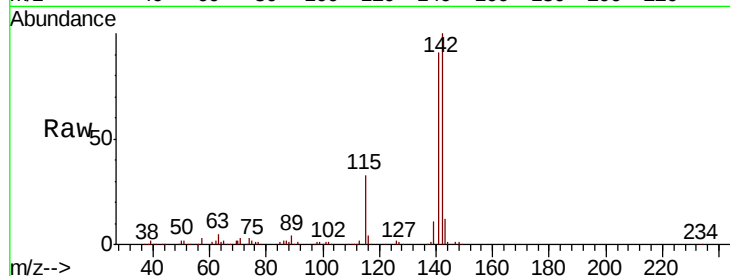




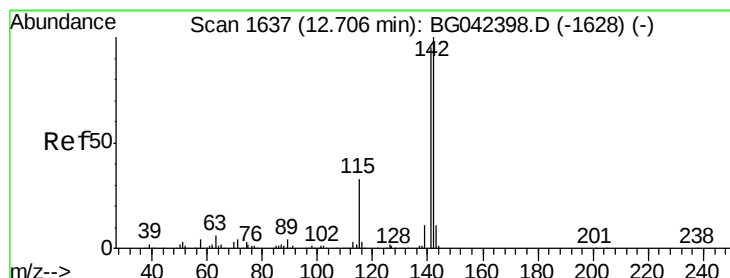
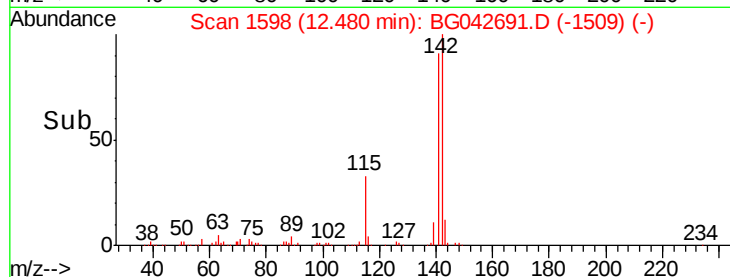
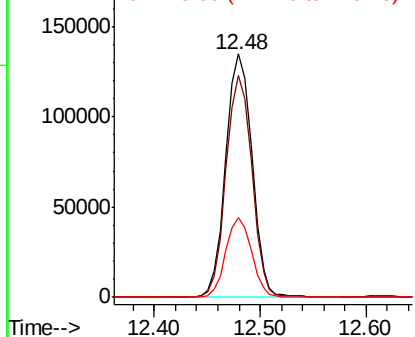
#37
2-Methylnaphthalene
Concen: 47.526 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.4	107.2
115	32.9	25.2	37.8

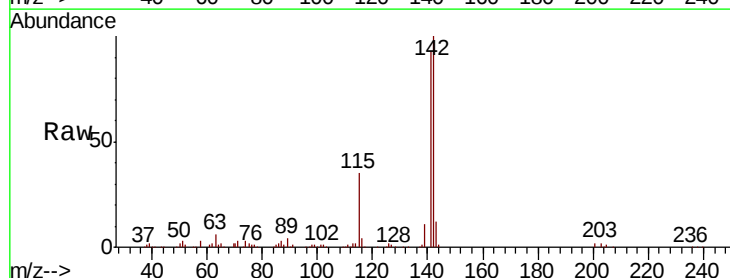


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

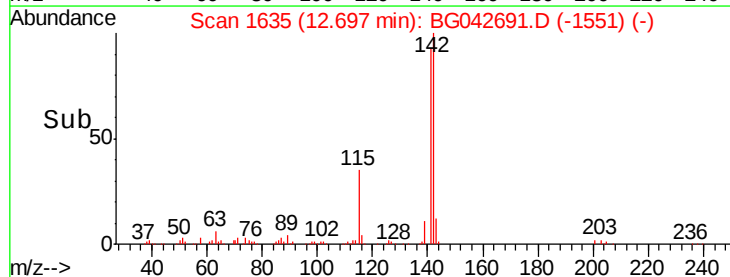
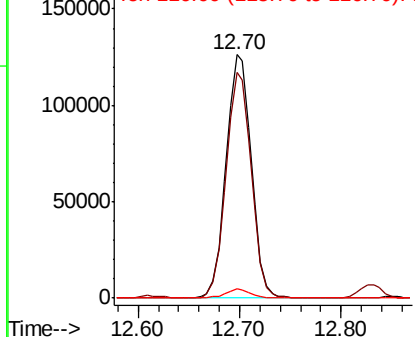


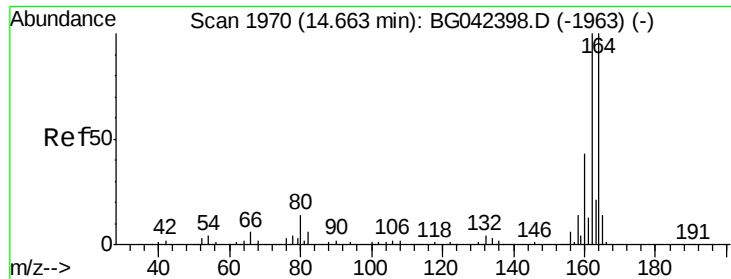
#38
1-Methylnaphthalene
Concen: 46.646 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	76.2	114.2
116	4.0	2.8	4.2



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: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

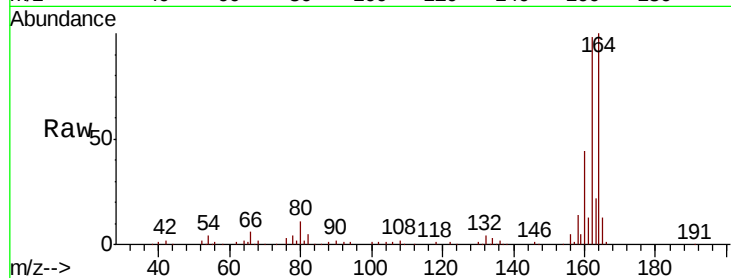
Tot Ion:164 Resp: 103421

Ion Ratio Lower Upper

164 100

162 97.5 79.9 119.9

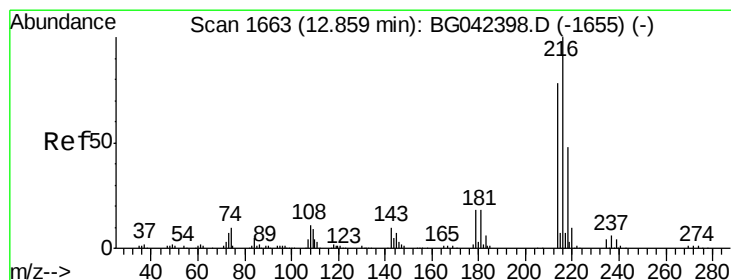
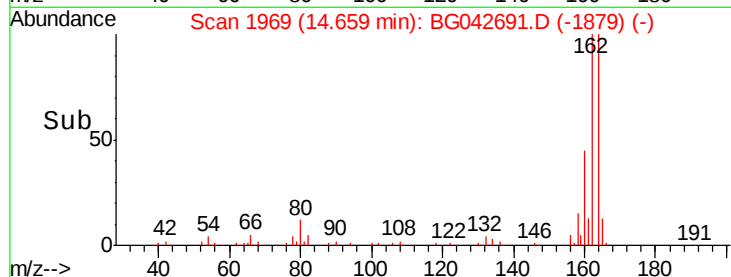
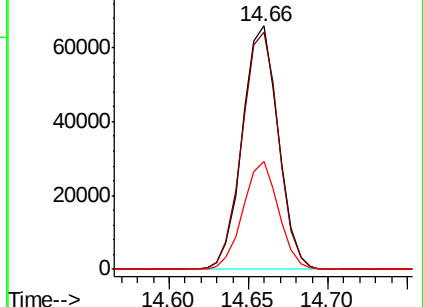
160 44.4 34.3 51.5



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: 48.872 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Tgt Ion:216 Resp: 162315

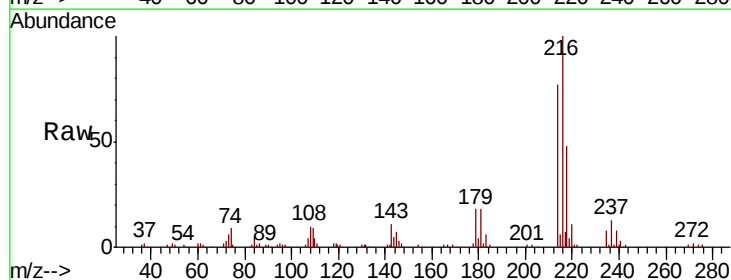
Ion Ratio Lower Upper

216 100

214 76.5 61.4 92.2

179 18.2 15.1 22.7

108 11.3 9.4 14.0

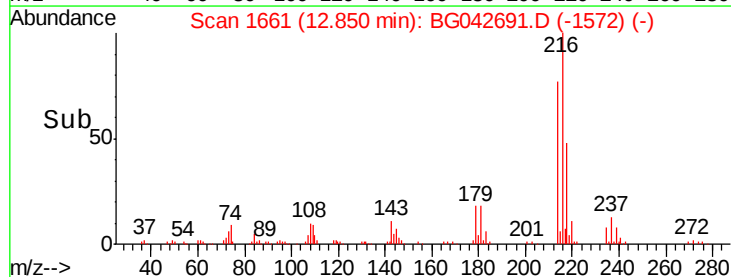
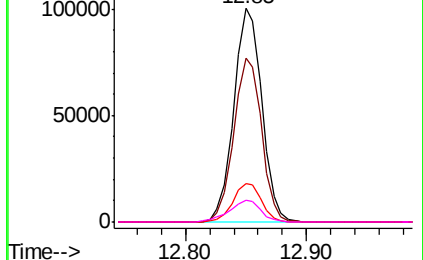


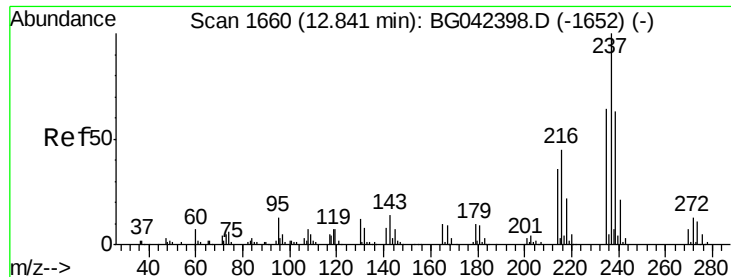
Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.891 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

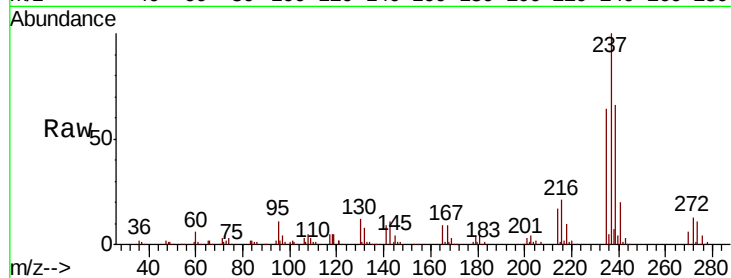
Tot Ion:237 Resp: 125421

Ion Ratio Lower Upper

237 100

235 64.3 43.7 83.7

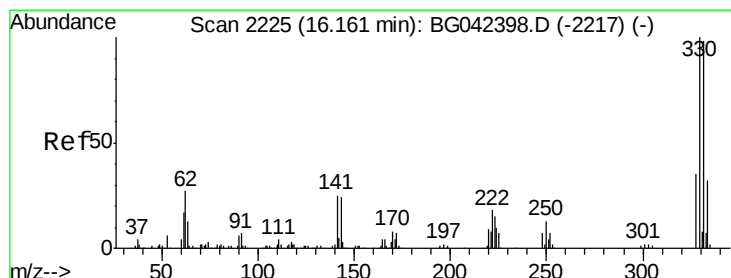
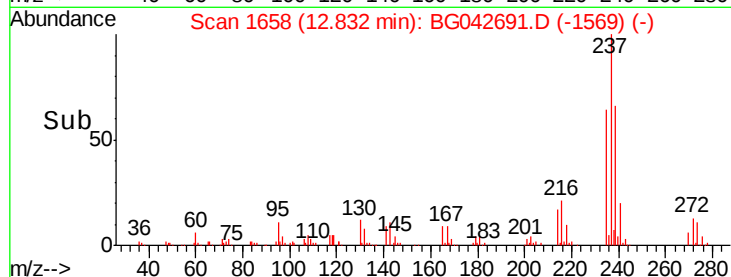
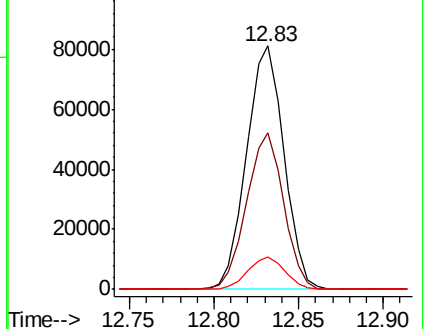
272 13.4 0.0 33.3



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: 146.947 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

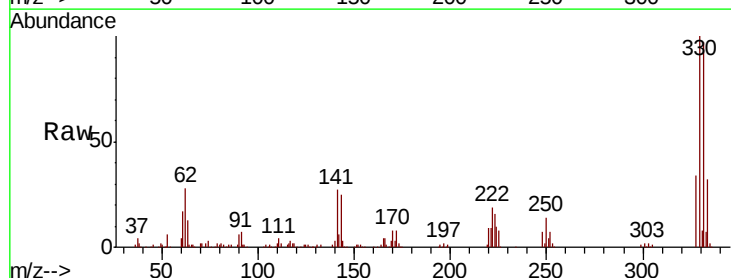
Tgt Ion:330 Resp: 216006

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

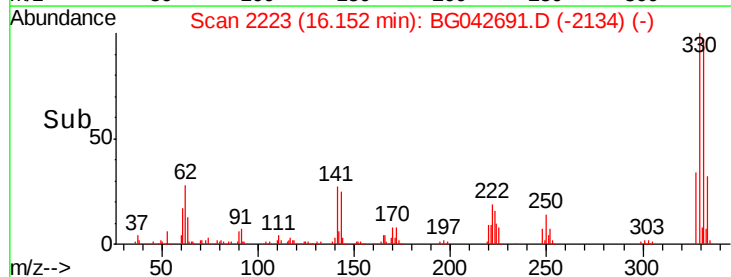
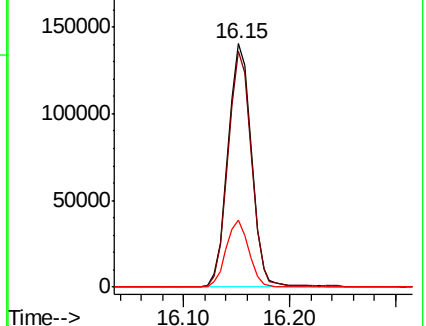
141 26.6 21.4 32.0

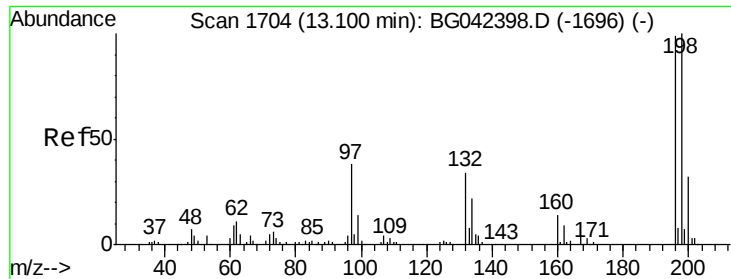


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

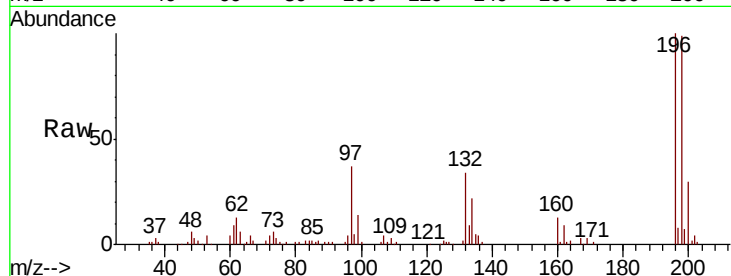




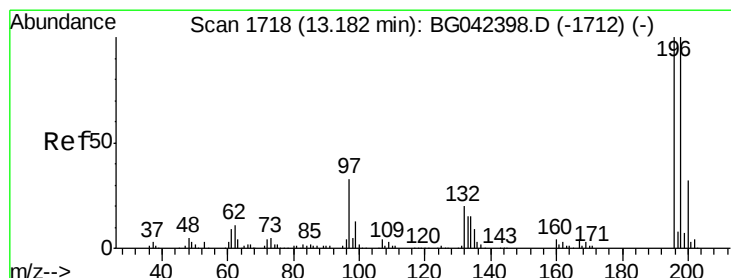
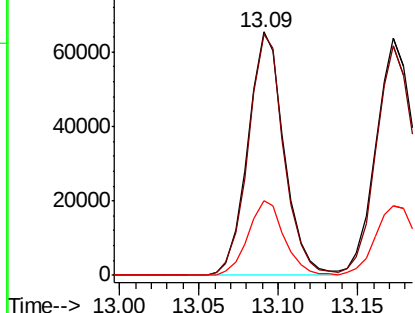
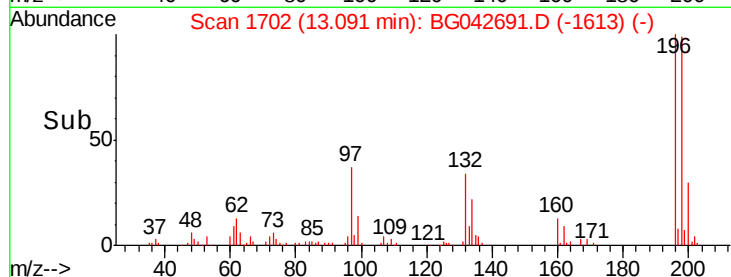
#43
 2,4,6-Trichlorophenol
 Concen: 46.166 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 103640
 Ion Ratio Lower Upper
 196 100
 198 99.1 80.7 121.1
 200 30.5 25.7 38.5

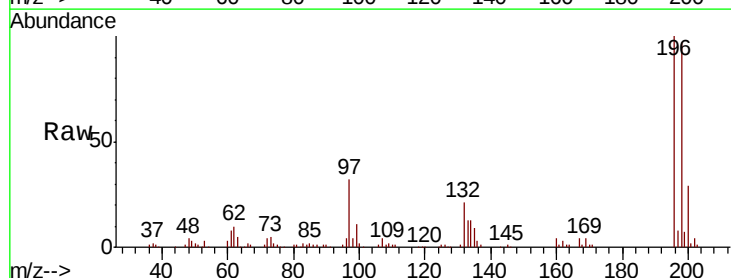


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

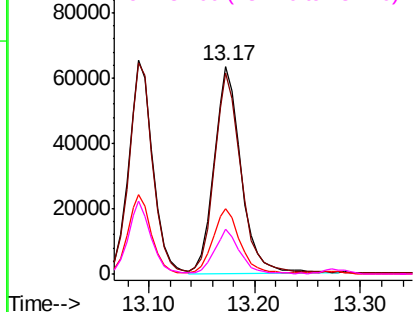
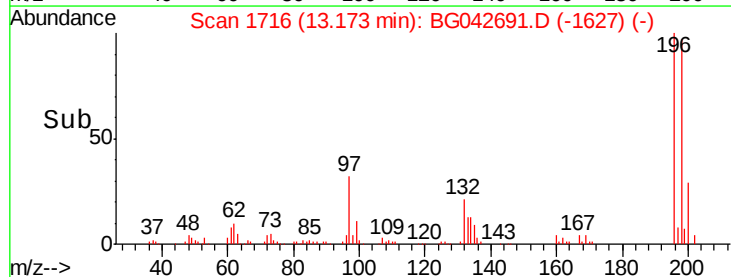


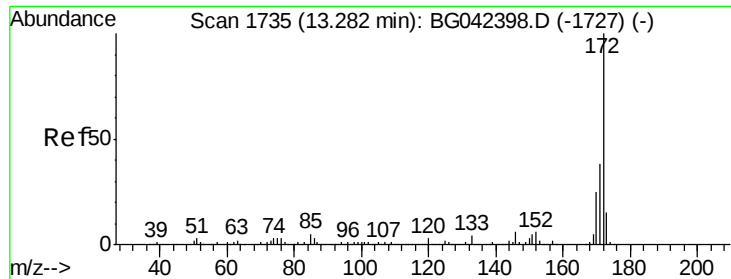
#44
 2,4,5-Trichlorophenol
 Concen: 48.335 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion:196 Resp: 112446
 Ion Ratio Lower Upper
 196 100
 198 96.7 80.2 120.4
 97 31.6 26.3 39.5
 132 21.3 16.6 24.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 93.881 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampled :

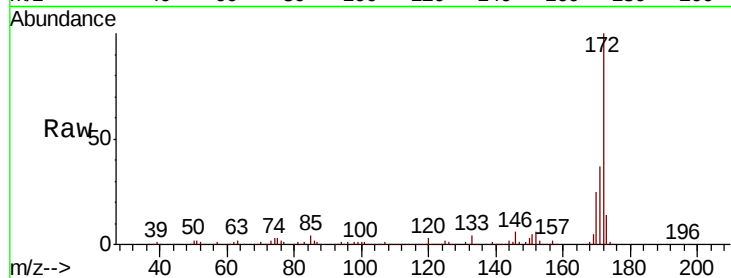
Tot Ion:172 Resp: 574074

Ion Ratio Lower Upper

172 100

171 37.4 30.5 45.7

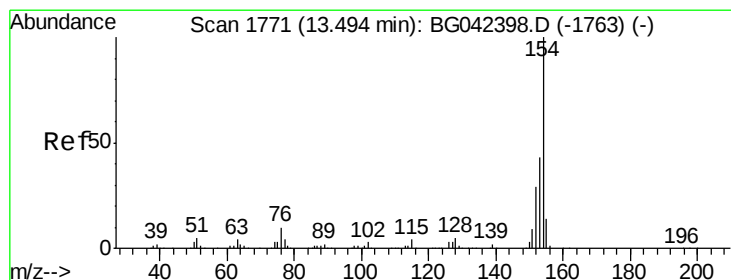
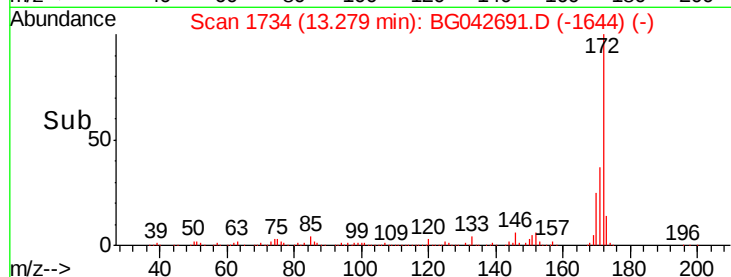
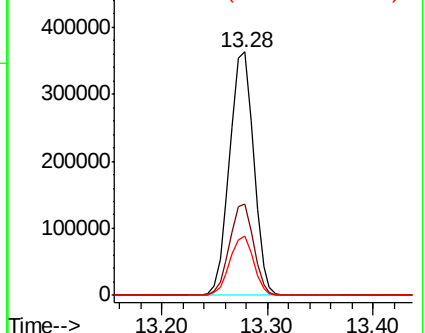
170 24.6 20.2 30.2



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: 46.190 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

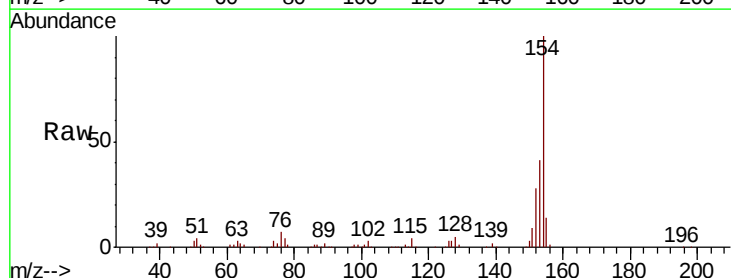
Tgt Ion:154 Resp: 308790

Ion Ratio Lower Upper

154 100

153 41.0 23.0 63.0

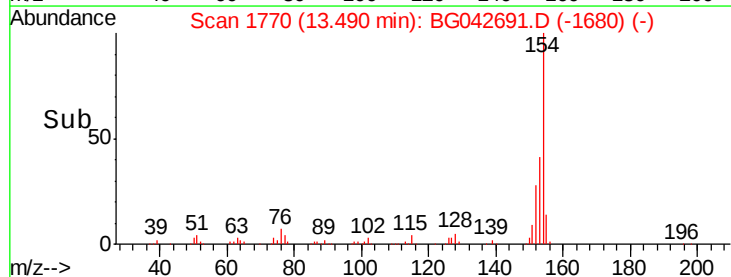
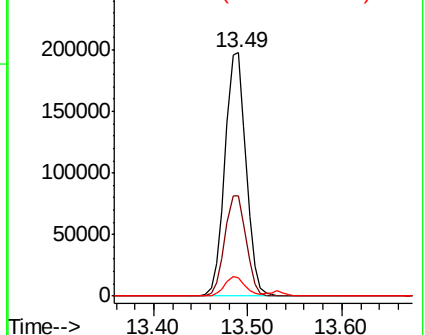
76 7.4 0.0 29.6

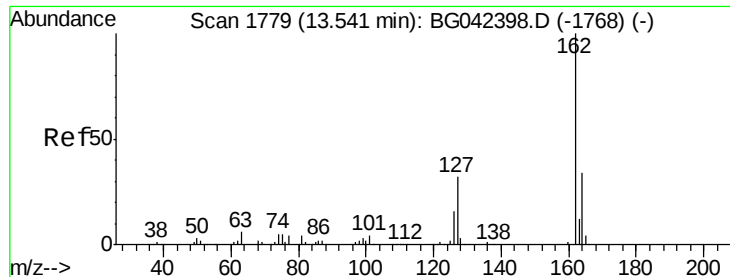


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

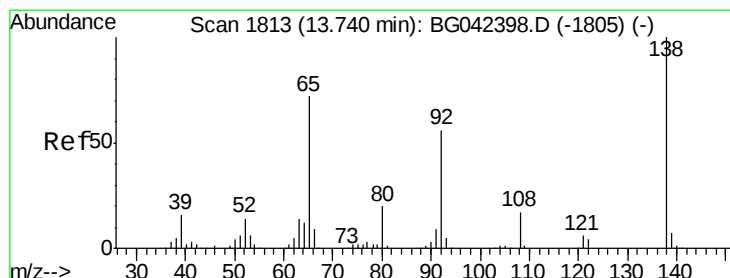
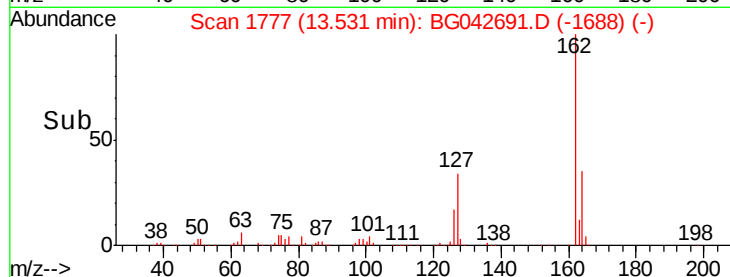
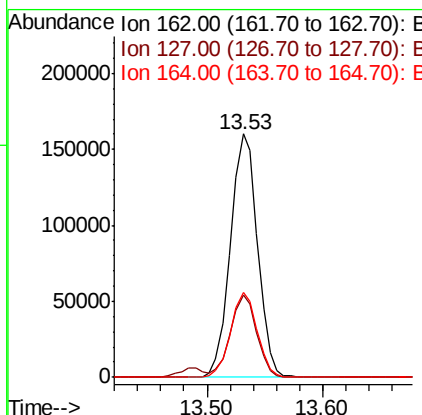
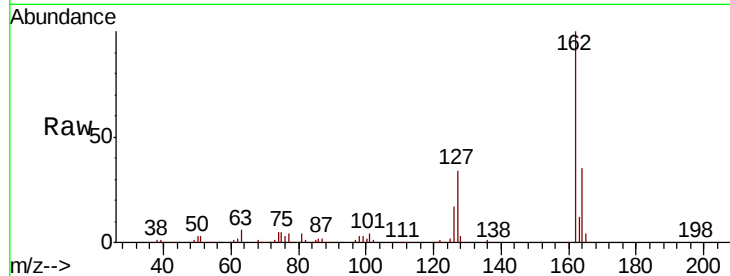




#47
 2-Chloronaphthalene
 Concen: 45.072 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

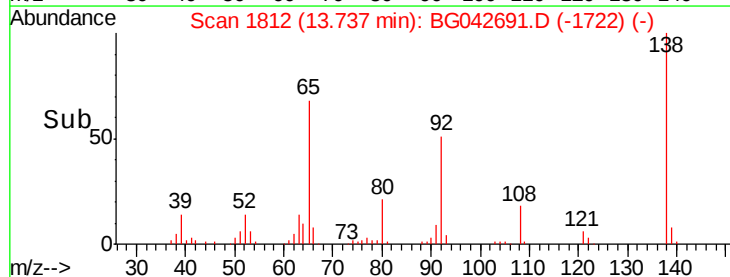
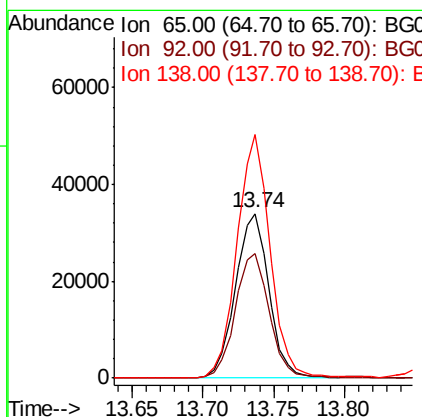
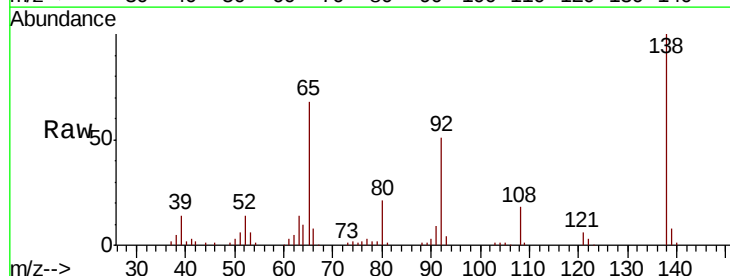
Instrument :
 BNA_G
 ClientSampleId :

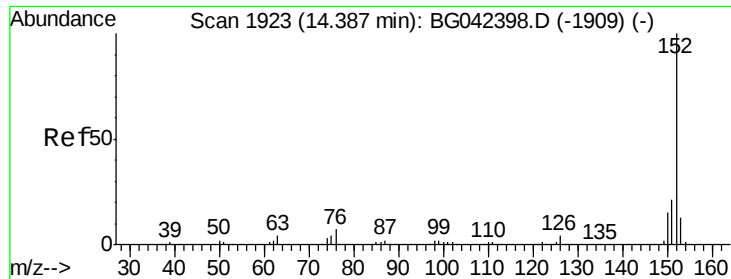
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.8	26.0	39.0
164	35.1	27.4	41.0



#48
 2-Nitroaniline
 Concen: 40.616 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	61.8	92.6
138	148.0	111.0	166.6





#49

Acenaphthylene

Concen: 47.051 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

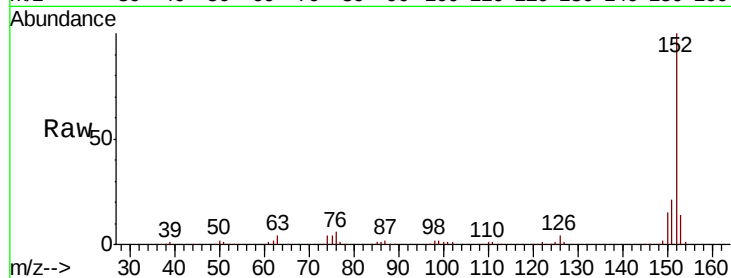
Tot Ion:152 Resp: 408047

Ion Ratio Lower Upper

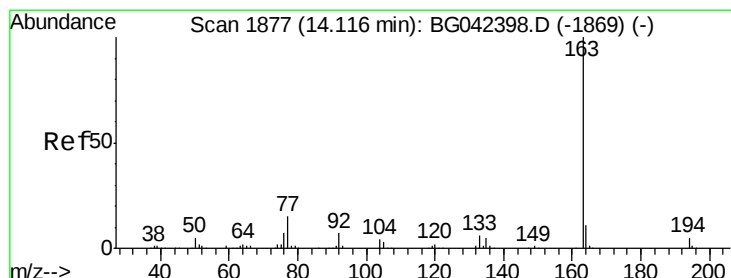
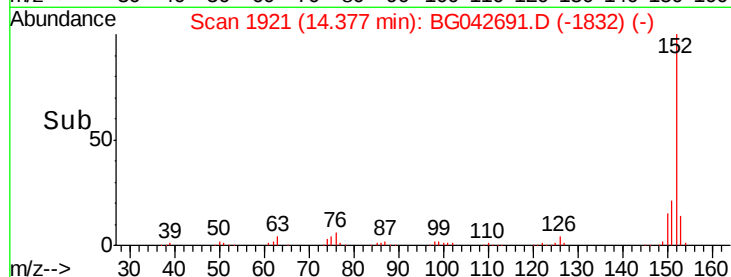
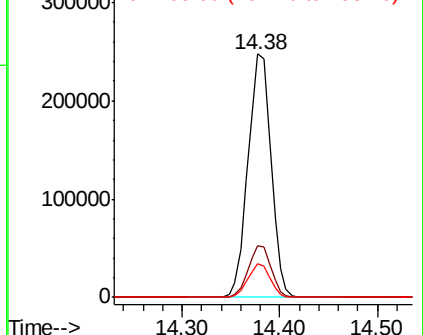
152 100

151 21.3 17.0 25.4

153 13.9 10.6 16.0



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: 48.758 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

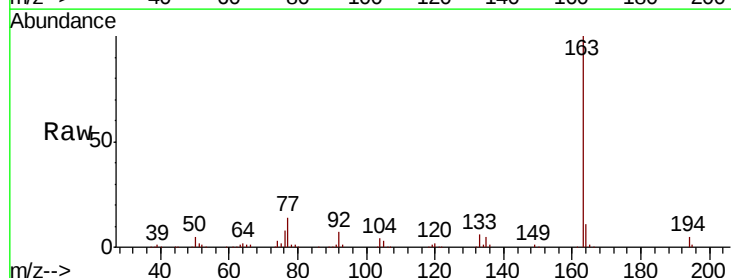
Tgt Ion:163 Resp: 363843

Ion Ratio Lower Upper

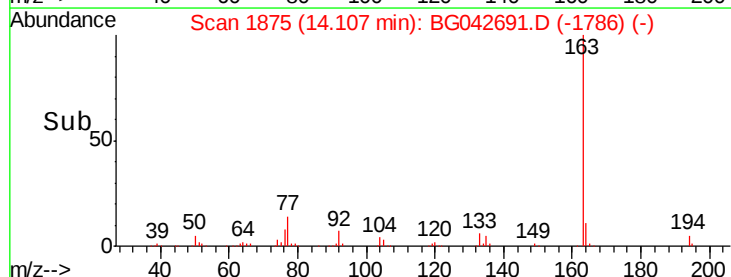
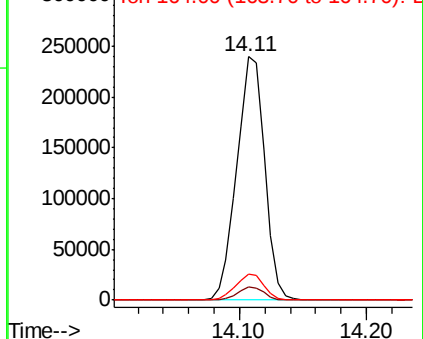
163 100

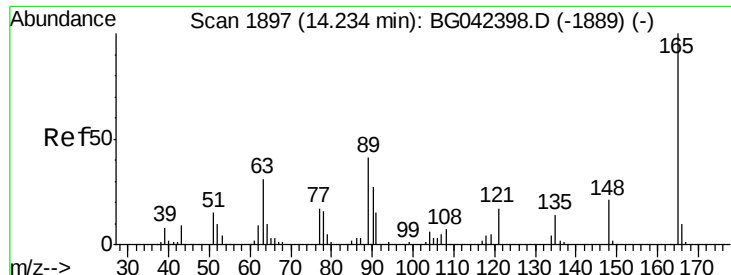
194 5.2 4.2 6.2

164 10.6 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

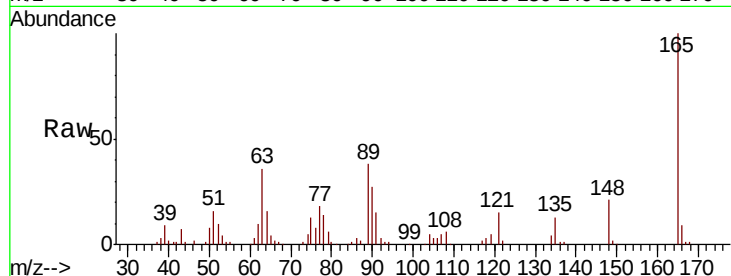




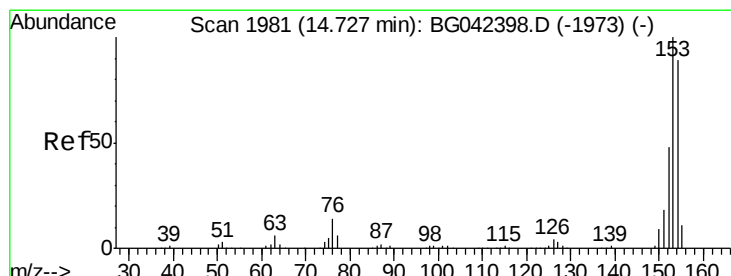
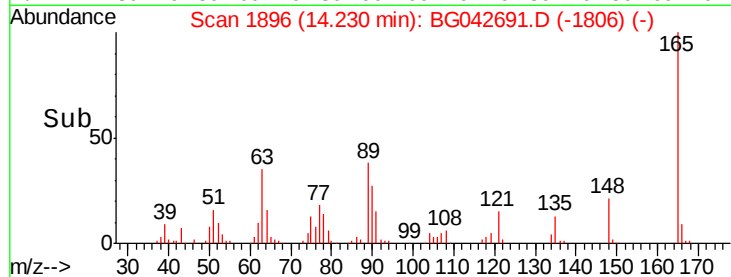
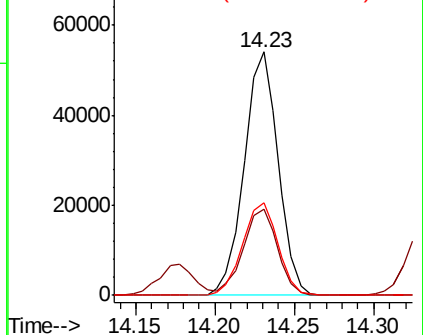
#51
 2,6-Dinitrotoluene
 Concen: 46.368 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 80202
 Ion Ratio Lower Upper
 165 100
 63 35.6 30.6 45.8
 89 37.8 32.6 49.0

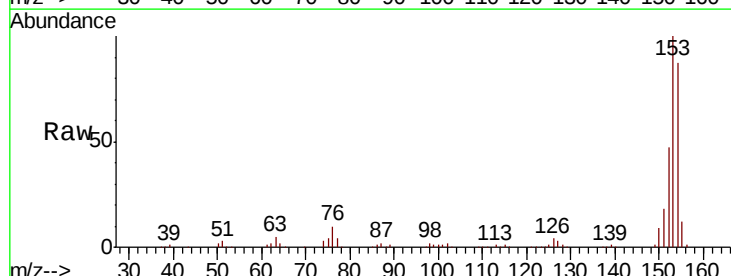


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

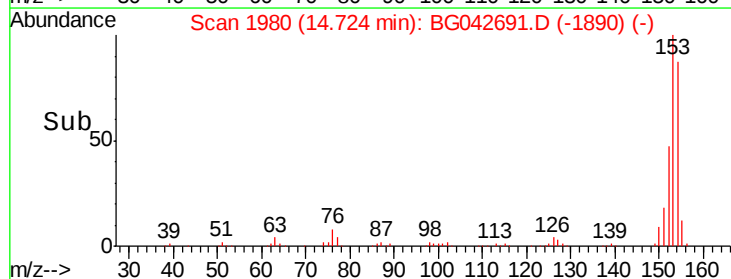
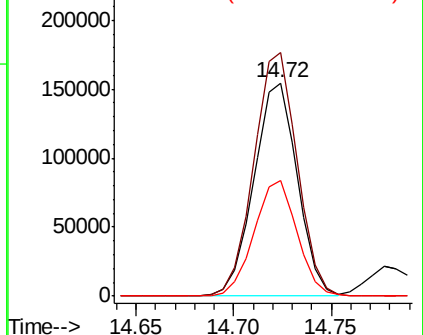


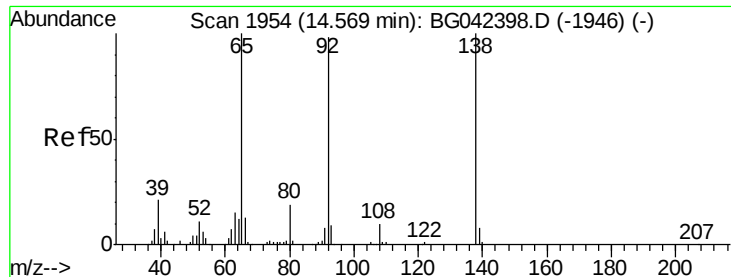
#52
 Acenaphthene
 Concen: 45.116 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion:154 Resp: 237584
 Ion Ratio Lower Upper
 154 100
 153 114.3 90.2 135.4
 152 54.2 43.2 64.8



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

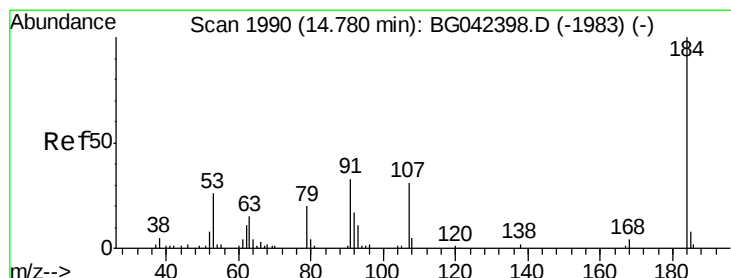
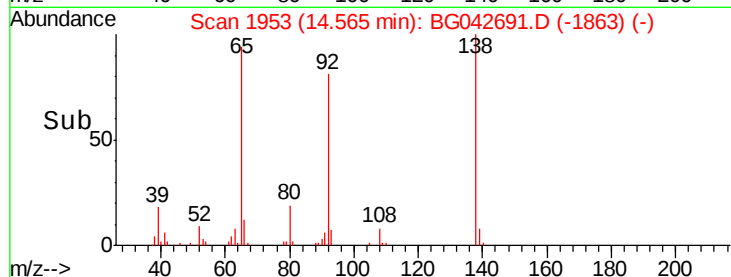
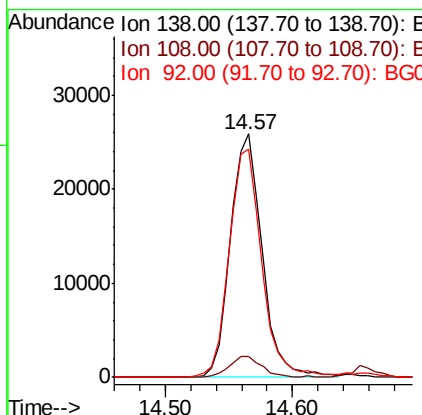
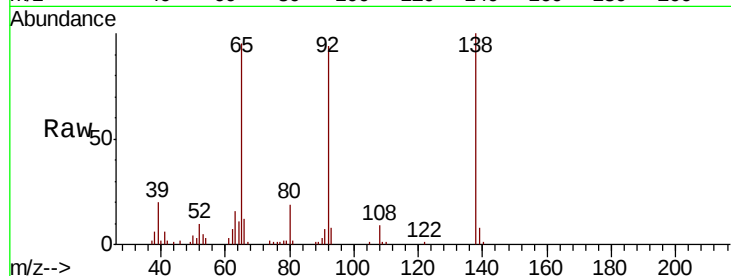




#53
 3-Nitroaniline
 Concen: 25.757 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

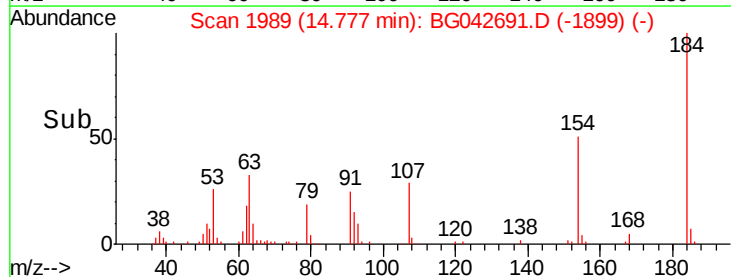
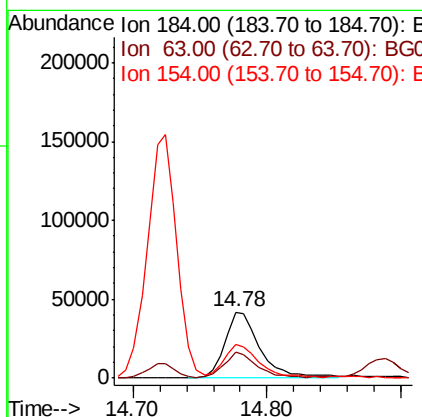
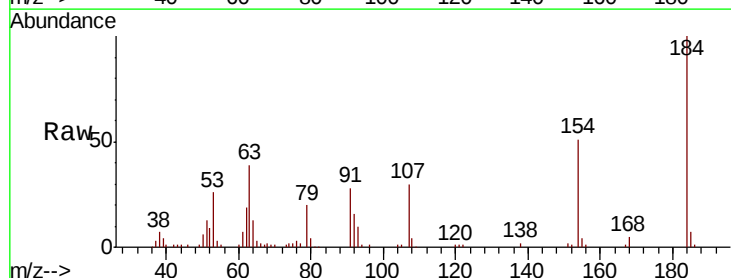
Instrument :
 BNA_G
 ClientSampleId :

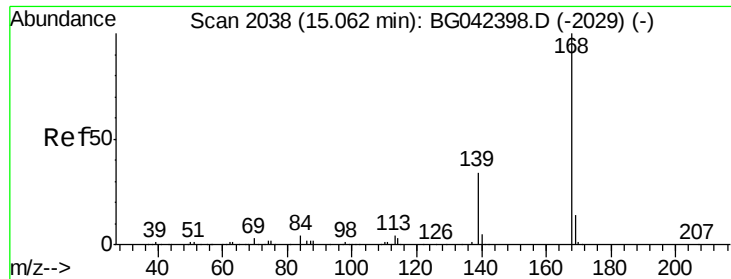
Tot Ion:138 Resp: 44556
 Ion Ratio Lower Upper
 138 100
 108 8.7 8.3 12.5
 92 93.6 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 67.595 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion:184 Resp: 77585
 Ion Ratio Lower Upper
 184 100
 63 38.9 31.7 47.5
 154 50.7 42.0 63.0

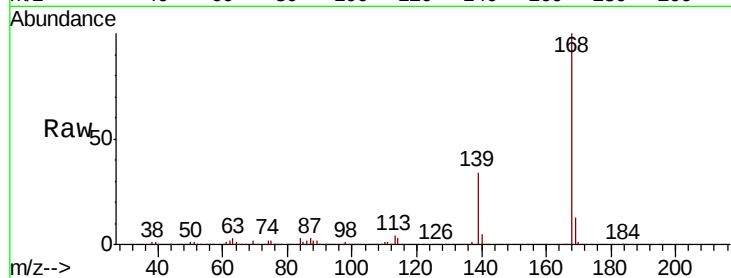




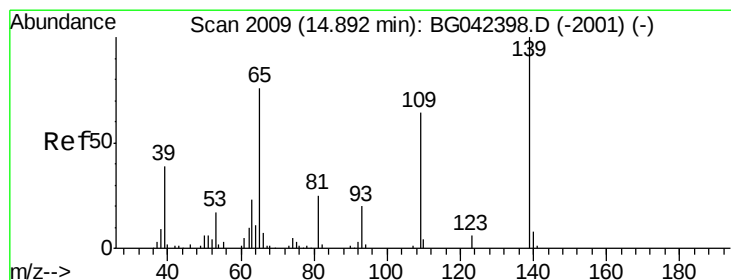
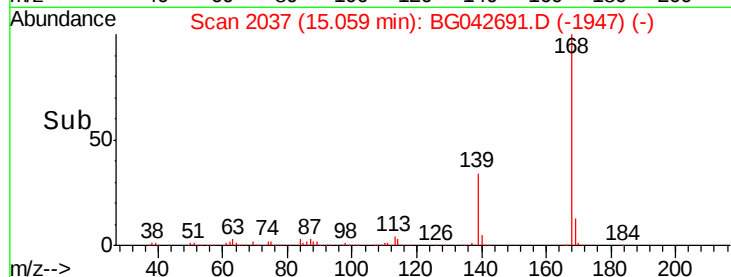
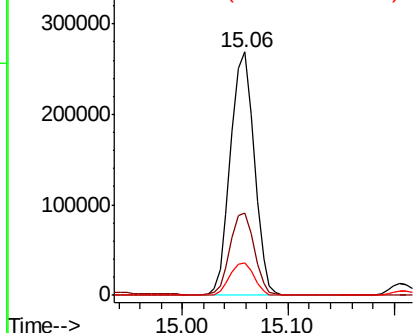
#55
Dibenzenofuran
Concen: 48.023 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 418603
Ion Ratio Lower Upper
168 100
139 33.6 27.2 40.8
169 13.4 11.5 17.3

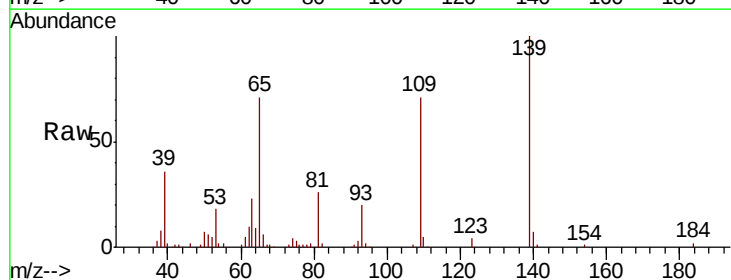


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

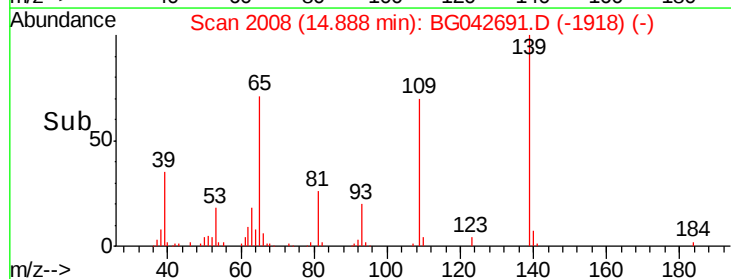
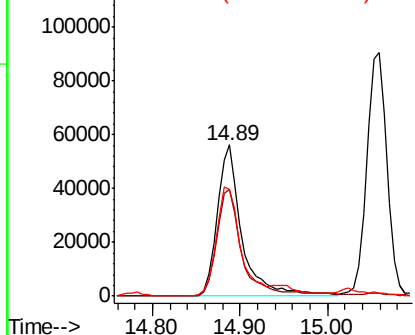


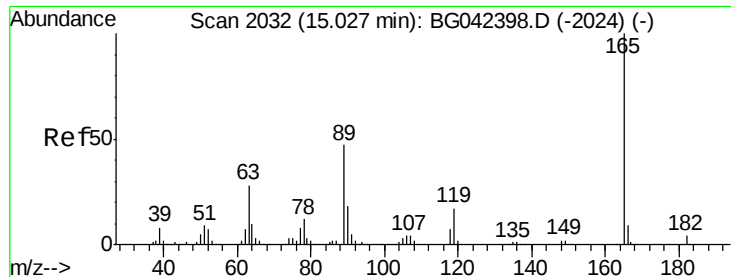
#56
4-Nitrophenol
Concen: 89.431 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion:139 Resp: 109927
Ion Ratio Lower Upper
139 100
109 70.6 43.9 83.9
65 70.9 56.3 96.3



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): BGC

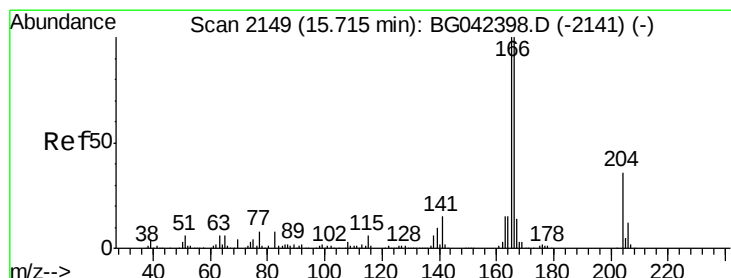
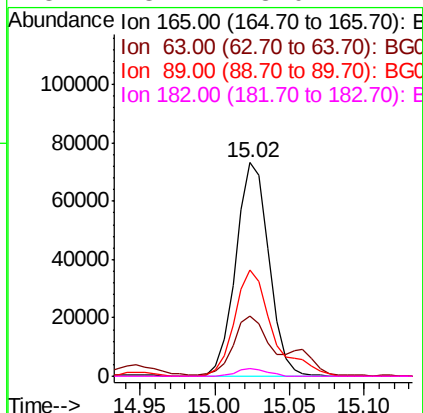
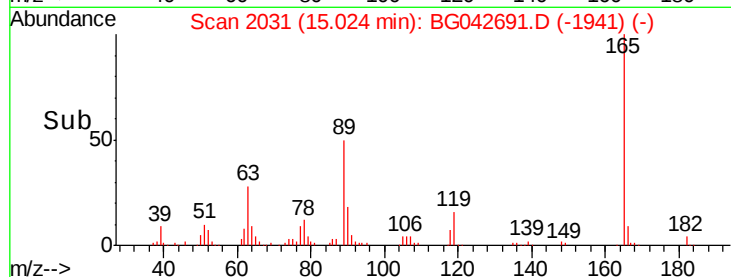
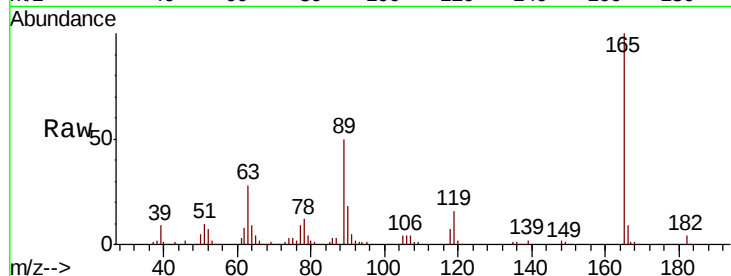




#57
 2,4-Dinitrotoluene
 Concen: 45.668 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

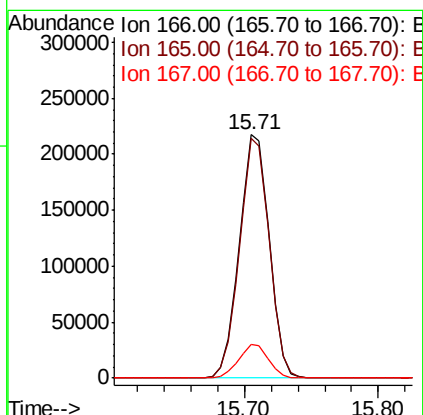
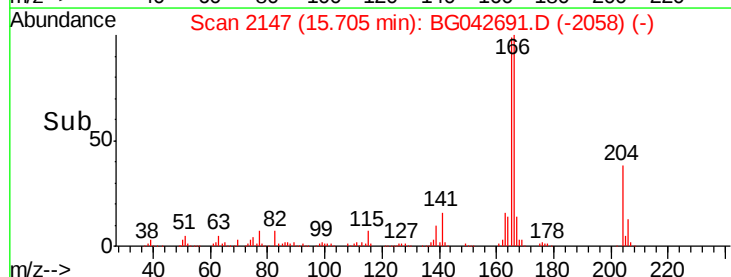
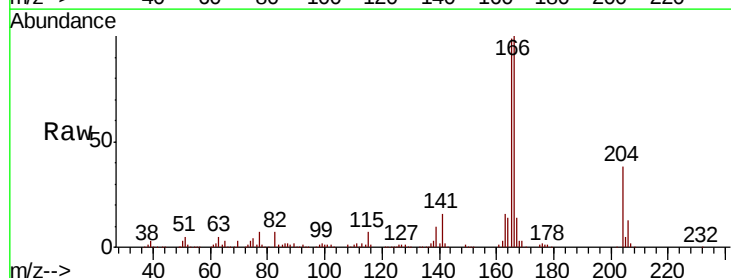
Instrument :
 BNA_G
 ClientSampleId :

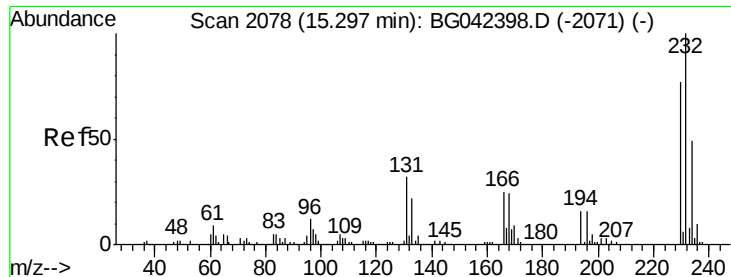
Tot Ion:	165	Resp:	113114
Ion	Ratio	Lower	Upper
165	100		
63	28.3	22.5	33.7
89	49.7	37.8	56.6
182	3.7	3.0	4.4



#58
 Fluorene
 Concen: 47.223 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion:	166	Resp:	336487
Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.7	119.5
167	13.7	10.9	16.3

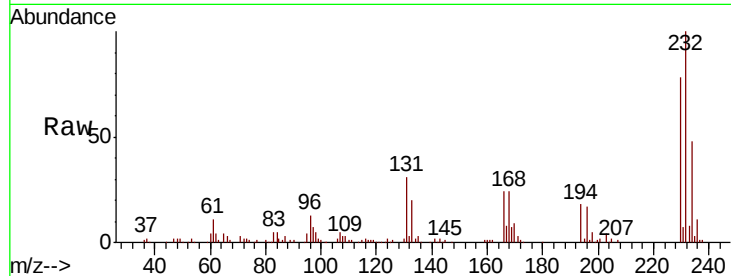




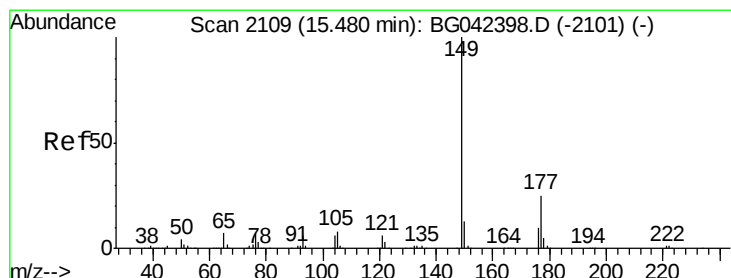
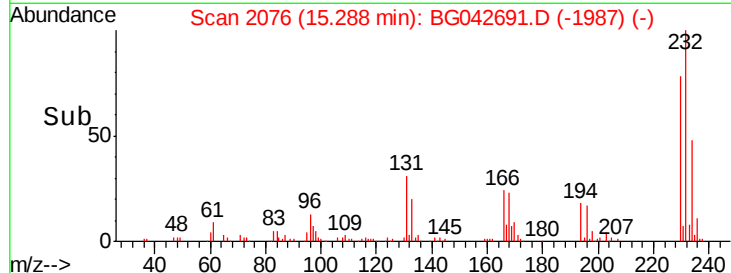
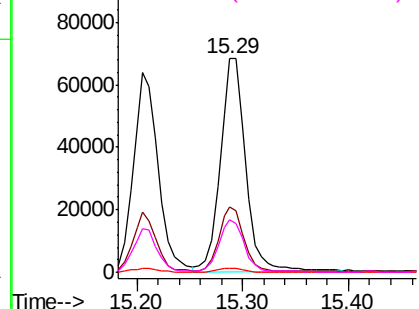
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.231 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	113262
Ion Ratio	Lower	Upper
232	100	
131	29.9	22.9 34.3
130	1.7	1.4 2.0
166	25.2	17.0 25.4

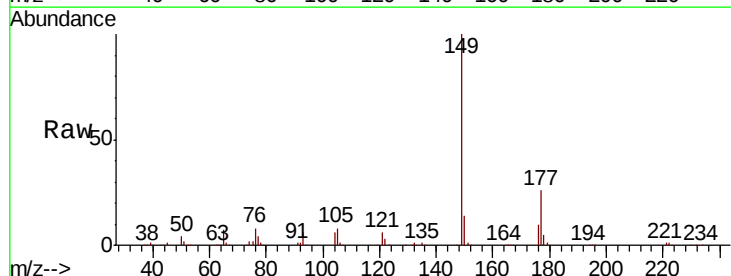


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

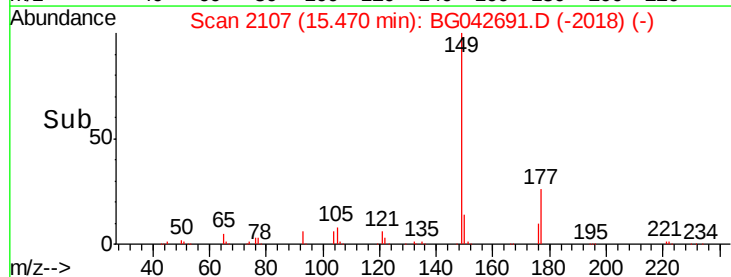
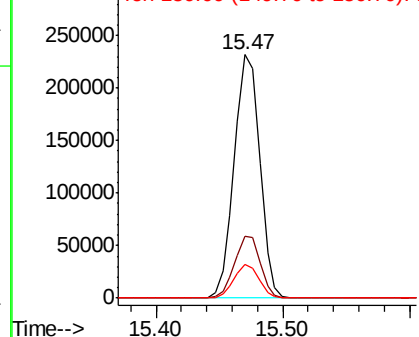


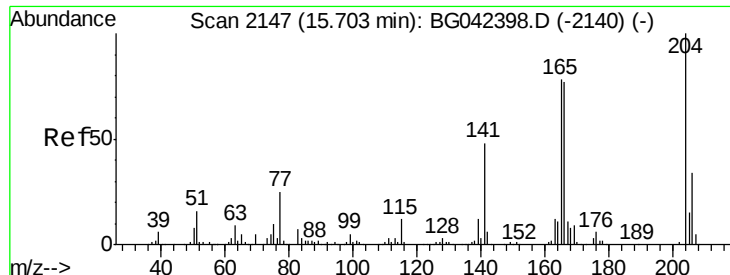
#60
Diethylphthalate
Concen: 44.224 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion:149	Resp:	322602
Ion Ratio	Lower	Upper
149	100	
177	25.6	20.4 30.6
150	13.7	10.3 15.5



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

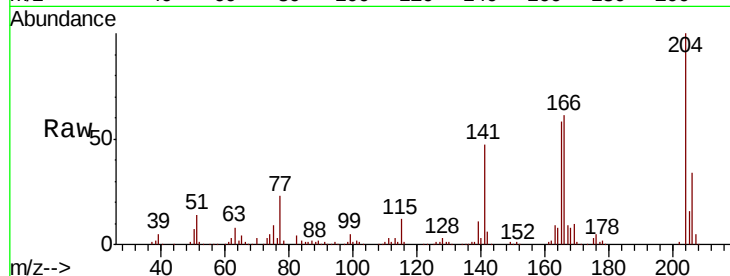




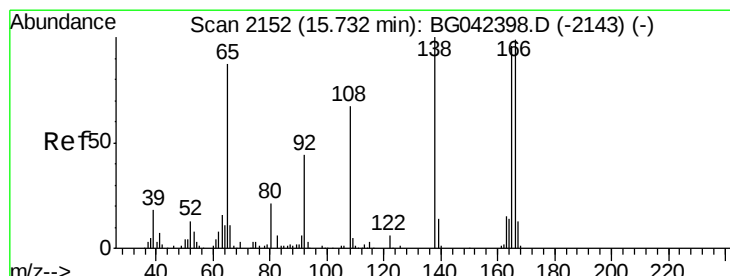
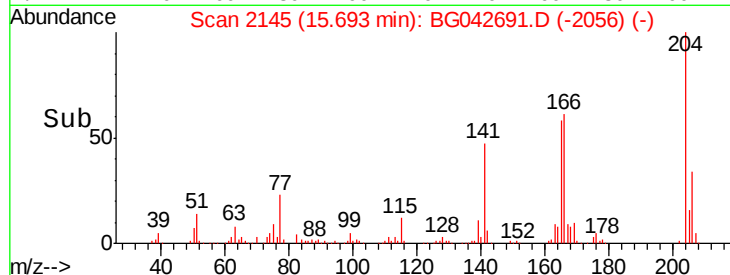
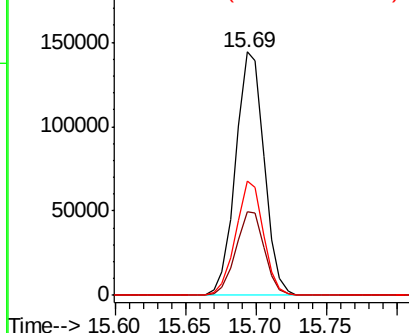
#61
 4-Chlorophenyl-phenylether
 Concen: 47.173 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 202624
 Ion Ratio Lower Upper
 204 100
 206 34.2 27.2 40.8
 141 47.0 38.7 58.1

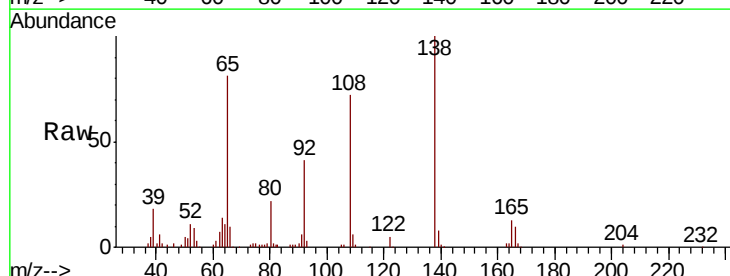


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

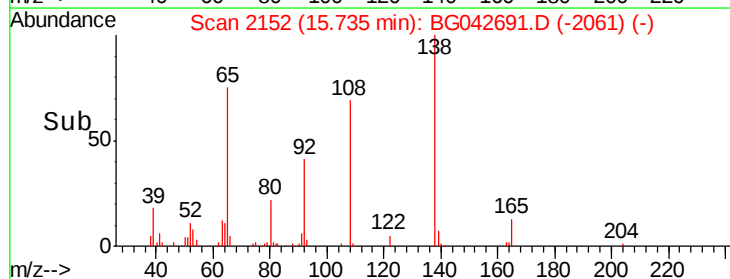
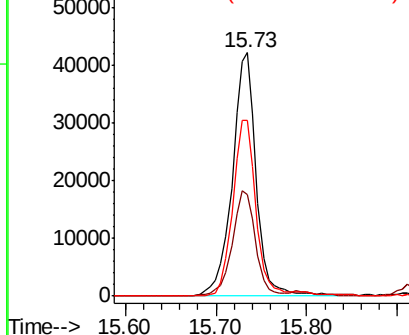


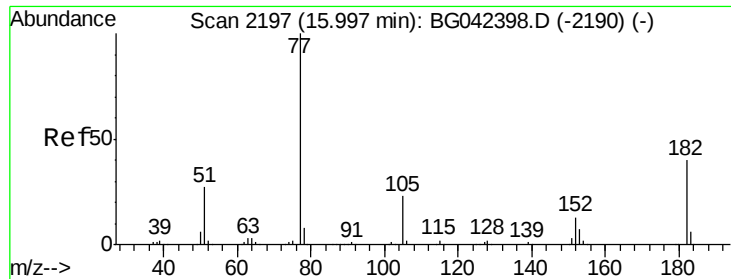
#62
 4-Nitroaniline
 Concen: 41.988 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion:138 Resp: 77735
 Ion Ratio Lower Upper
 138 100
 92 41.4 24.2 64.2
 108 72.3 46.8 86.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.149 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 215679

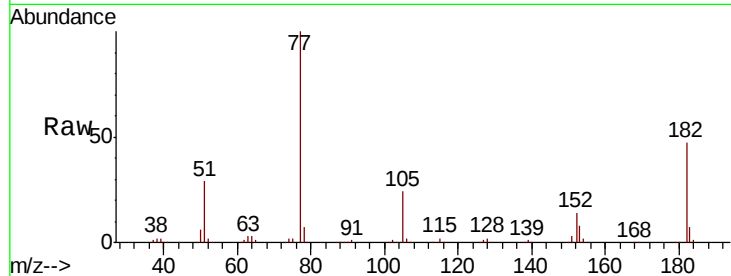
Ion Ratio Lower Upper

77 100

182 47.4 19.9 59.9

105 23.6 2.9 42.9

51 28.7 7.6 47.6

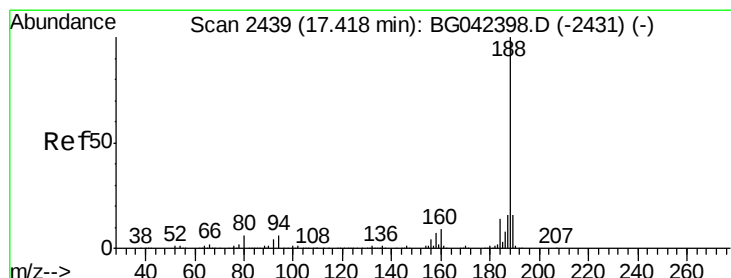
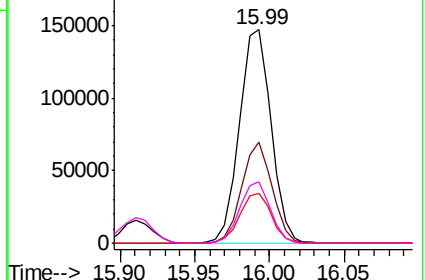
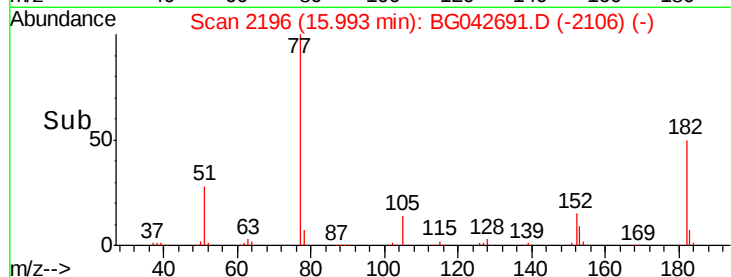


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

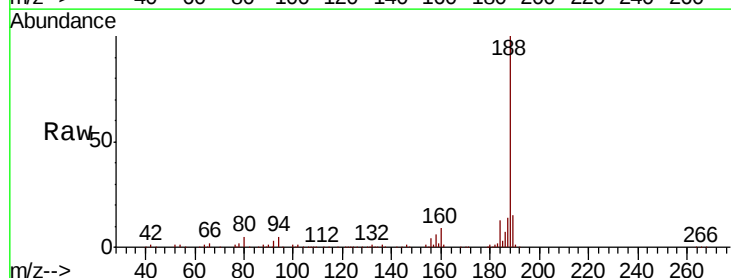
Tgt Ion: 188 Resp: 244340

Ion Ratio Lower Upper

188 100

94 4.7 4.5 6.7

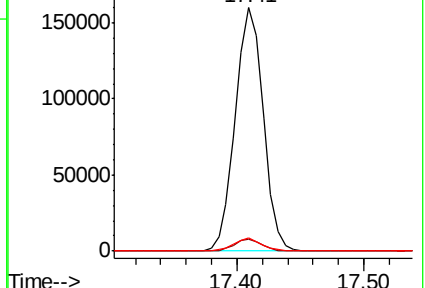
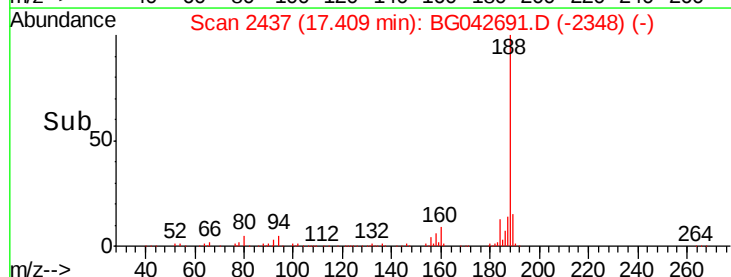
80 5.4 4.9 7.3

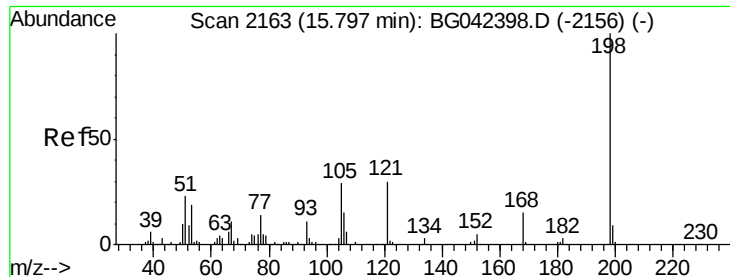


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 45.065 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

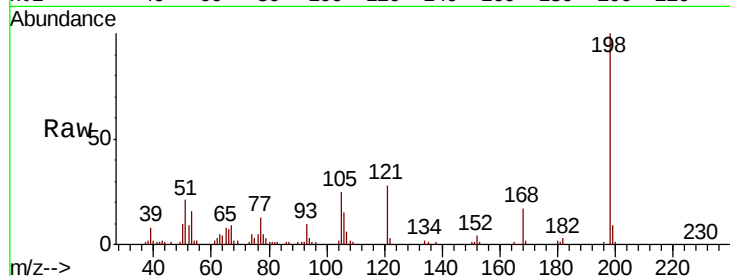
Tot Ion:198 Resp: 69036

Ion Ratio Lower Upper

198 100

51 21.2 4.2 44.2

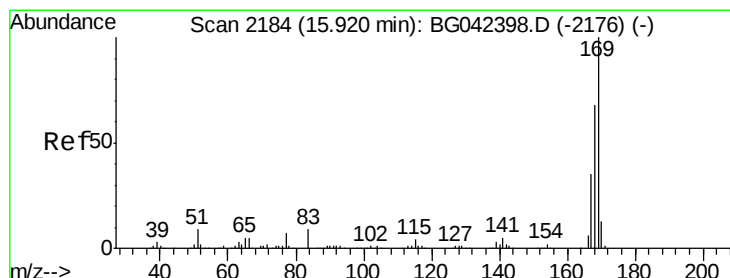
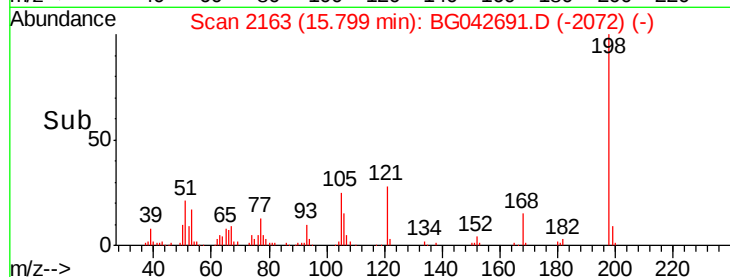
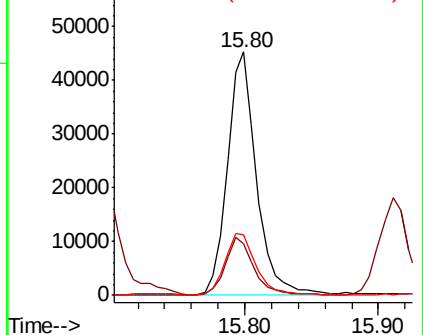
105 25.0 8.8 48.8



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: 46.790 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

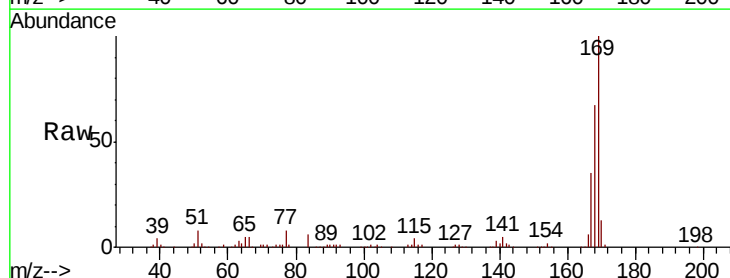
Tgt Ion:169 Resp: 314410

Ion Ratio Lower Upper

169 100

168 66.5 54.3 81.5

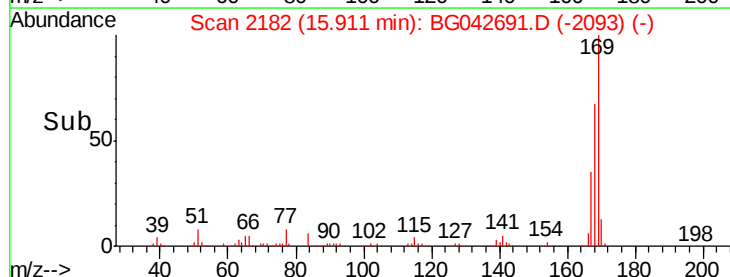
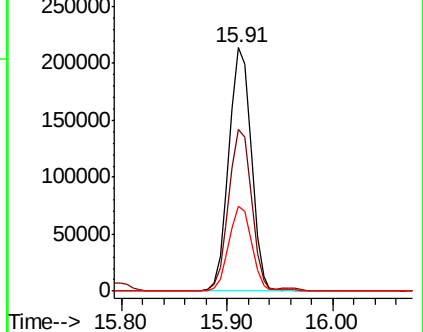
167 35.0 28.2 42.2

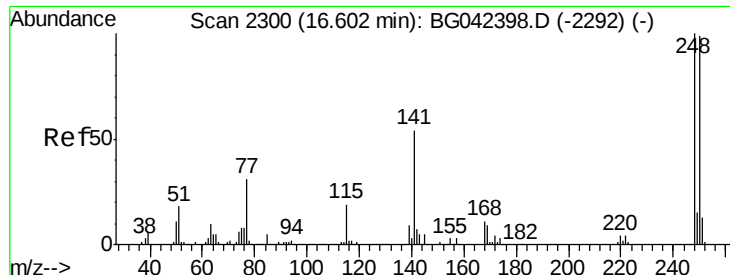


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

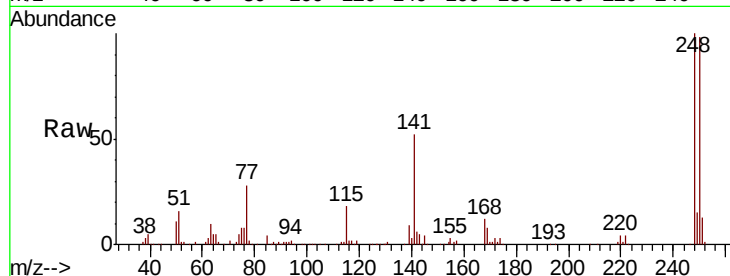




#67
 4-Bromophenyl-phenylether
 Concen: 46.586 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.9	118.3
141	52.0	43.3	64.9

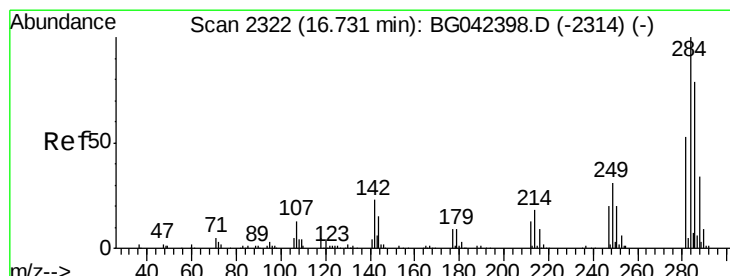
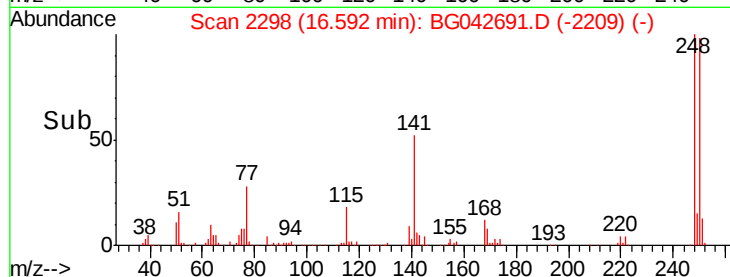
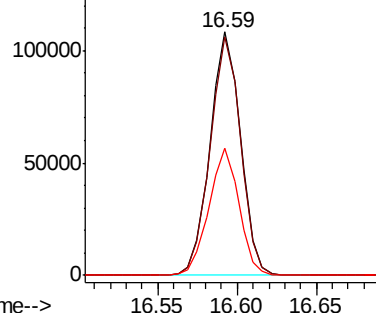


Abundance

Ion 248.00 (247.70 to 248.70): E

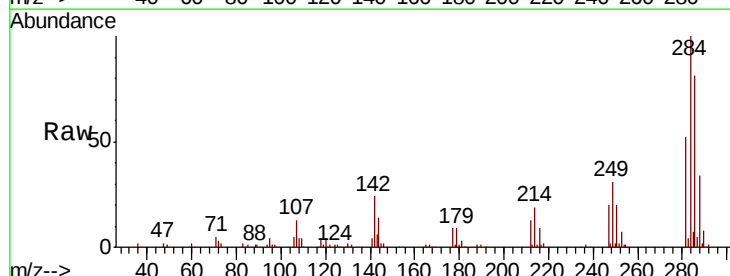
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.506 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.7	18.2	27.4
249	31.3	25.0	37.4

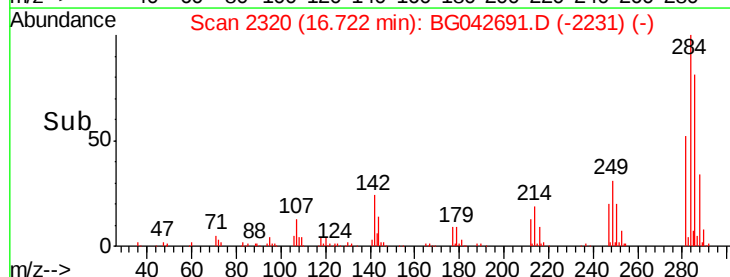
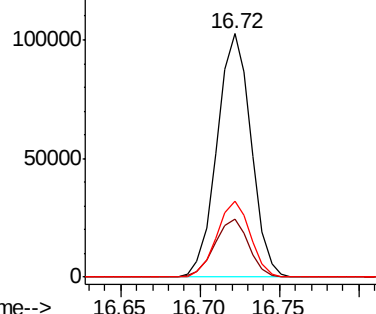


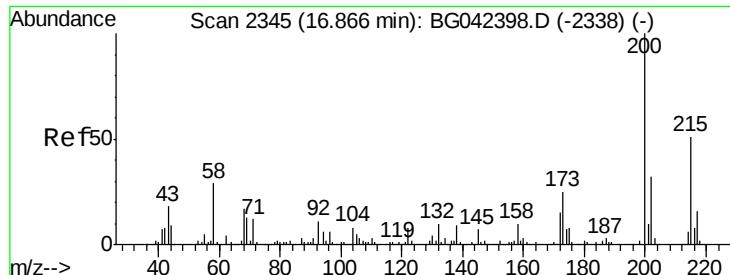
Abundance

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: 50.056 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampled :

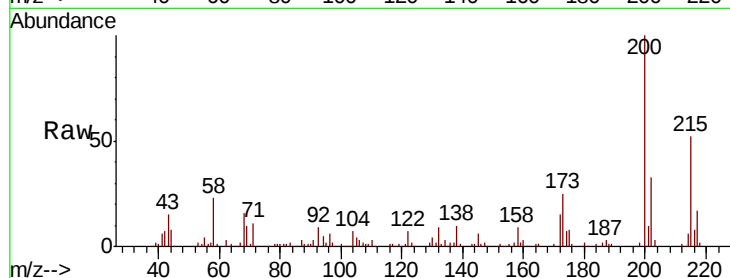
Tot Ion:200 Resp: 118945

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

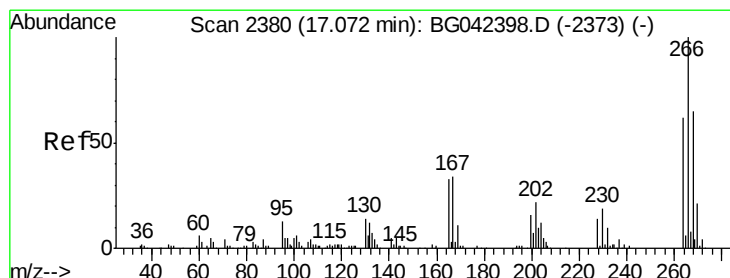
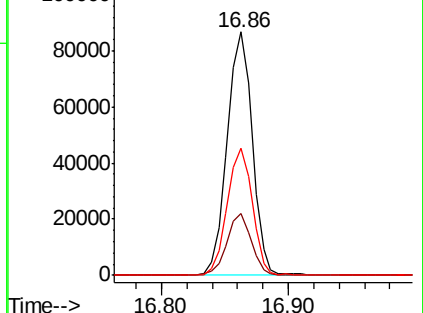
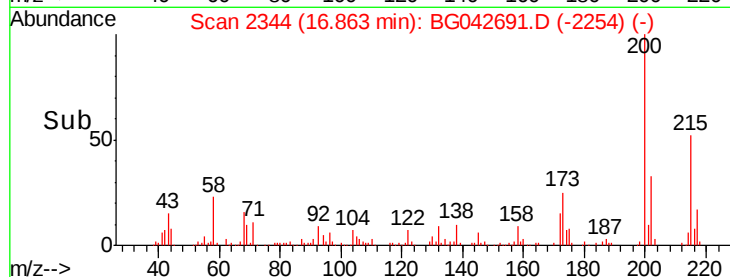
215 52.0 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.112 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

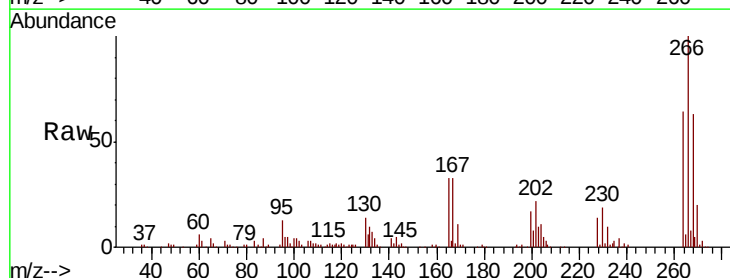
Tgt Ion:266 Resp: 161248

Ion Ratio Lower Upper

266 100

268 62.6 52.1 78.1

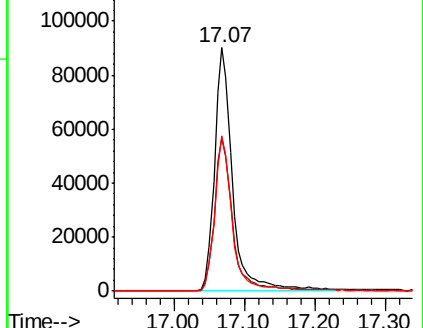
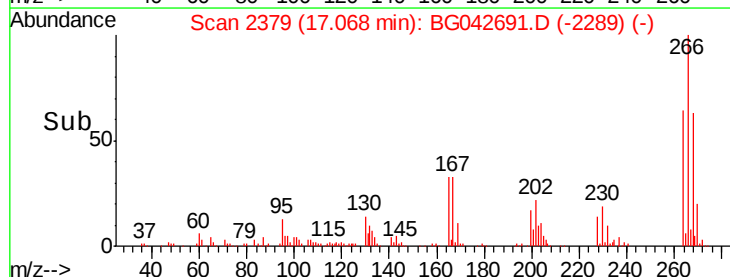
264 63.7 49.4 74.2

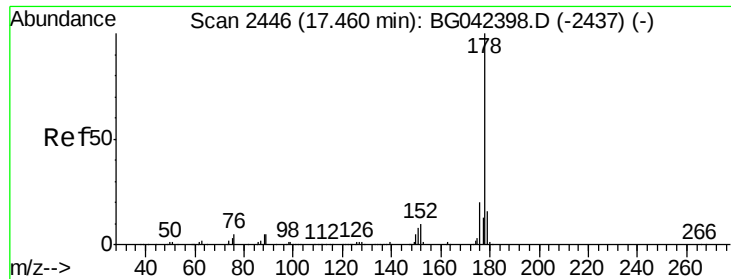


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

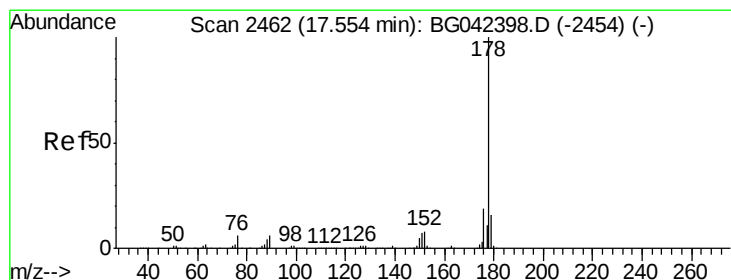
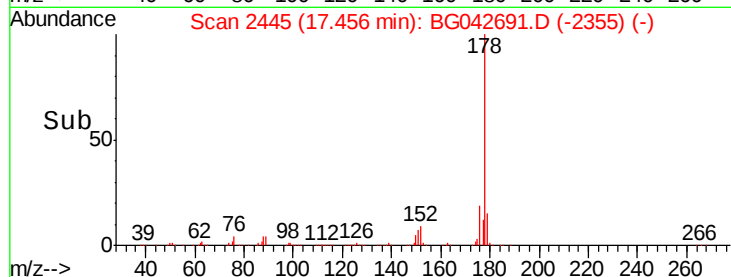
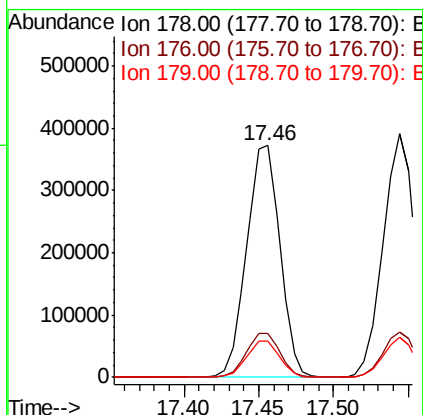
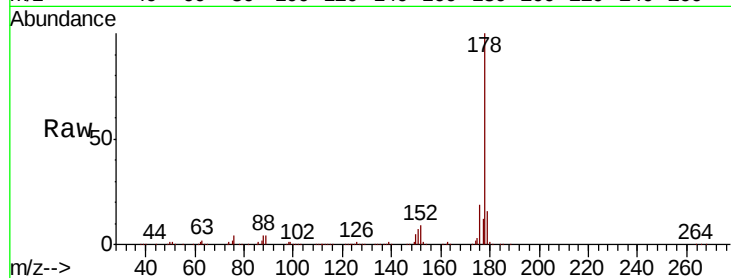




#71
Phenanthrene
Concen: 47.387 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

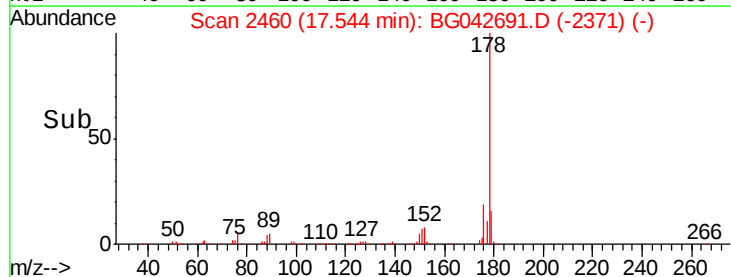
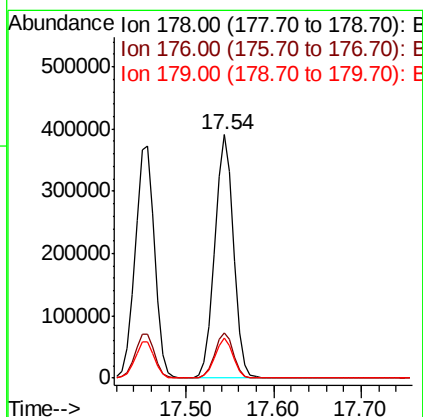
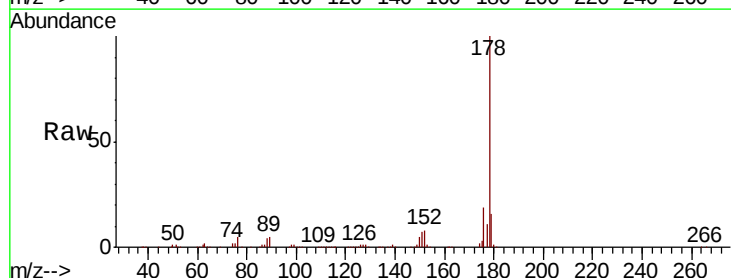
Instrument :
BNA_G
ClientSampleId :

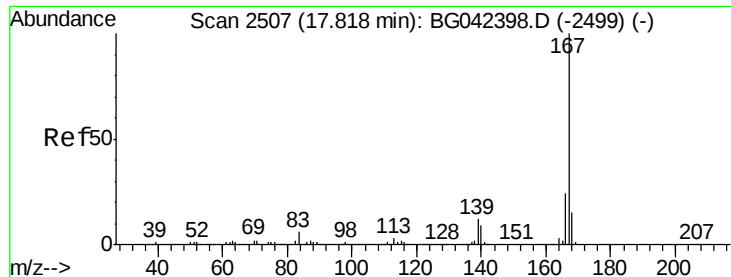
Tot Ion:178 Resp: 575125
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.8 12.7 19.1



#72
Anthracene
Concen: 48.031 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion:178 Resp: 581952
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 16.5 12.9 19.3





#73

Carbazole

Concen: 46.901 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

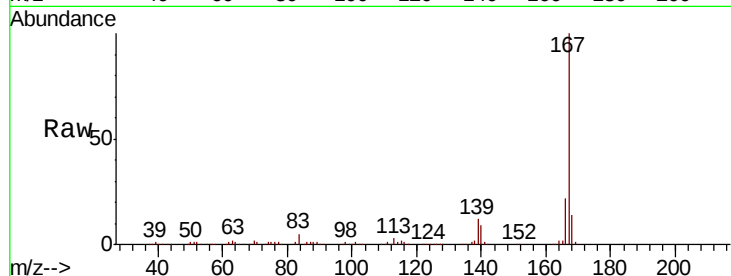
Tot Ion:167 Resp: 506458

Ion Ratio Lower Upper

167 100

166 22.2 18.9 28.3

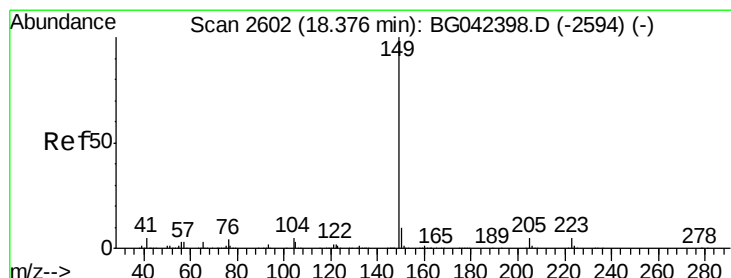
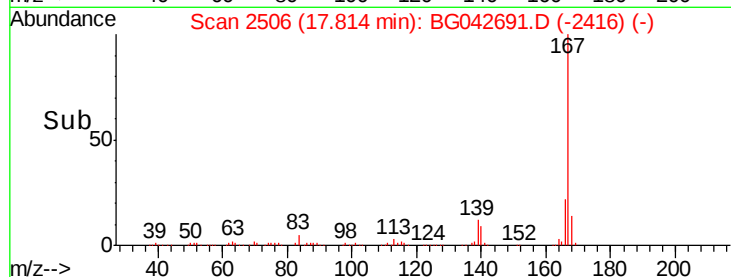
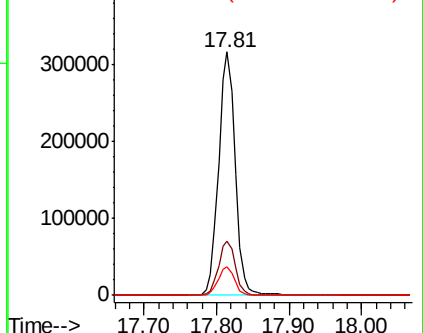
139 11.9 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.094 ng

RT: 18.37 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

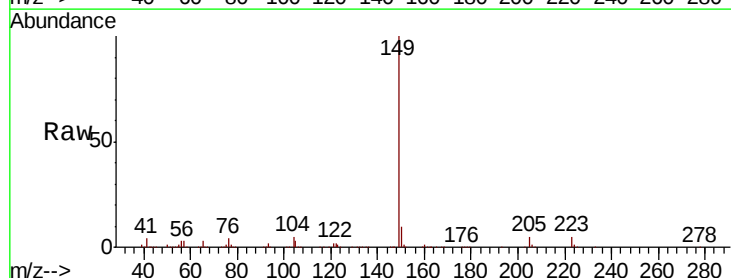
Tgt Ion:149 Resp: 575609

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

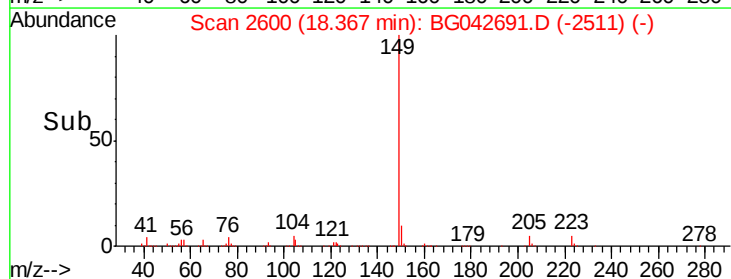
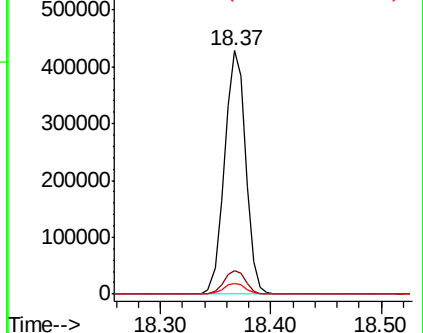
104 4.5 3.7 5.5

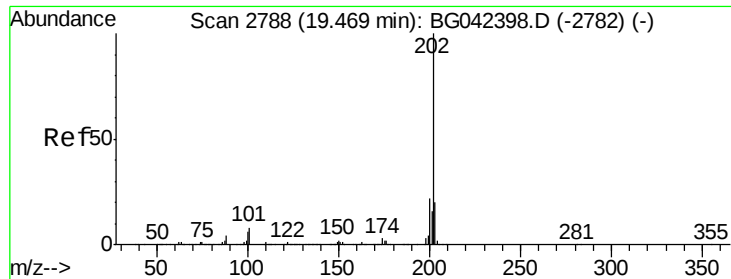


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.091 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

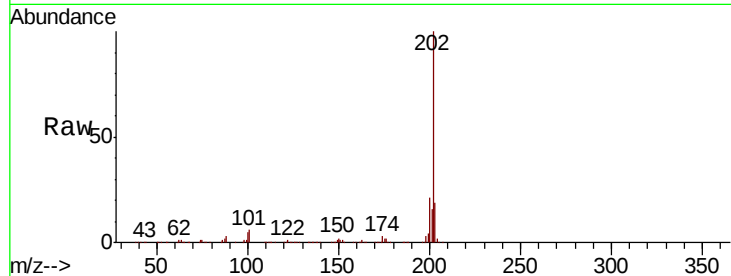
Tot Ion:202 Resp: 741953

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.3

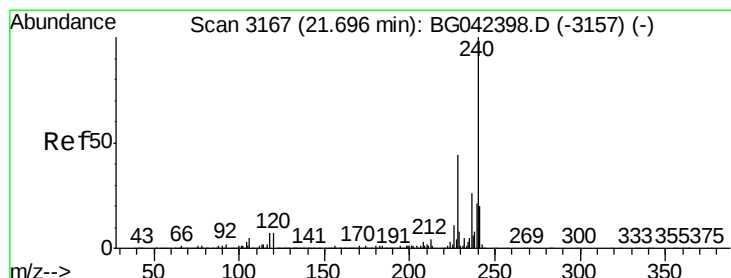
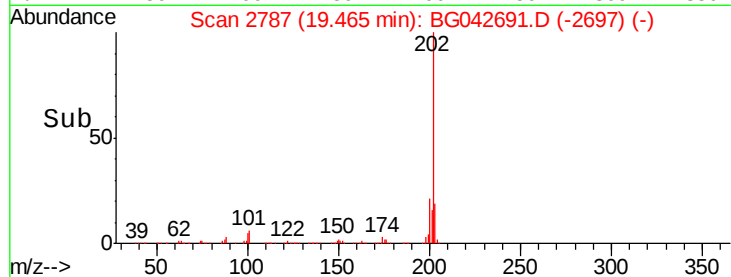
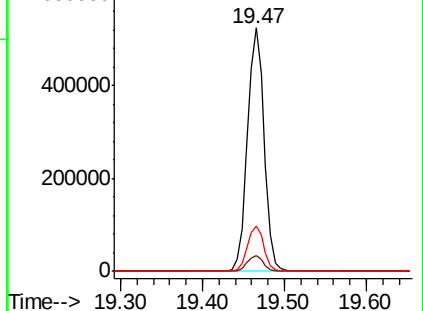
203 18.8 0.0 39.6



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: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

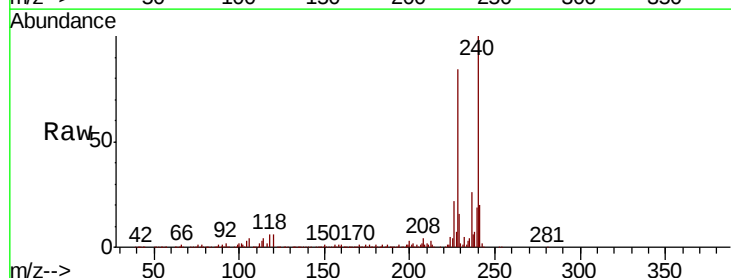
Tgt Ion:240 Resp: 257825

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

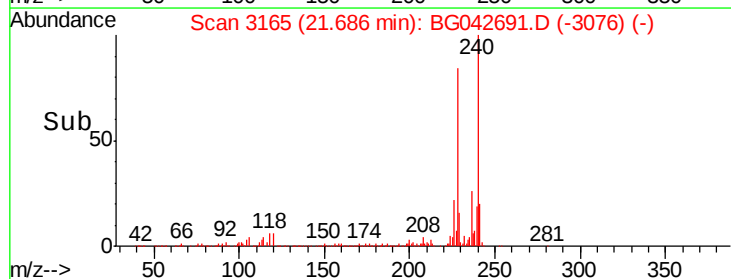
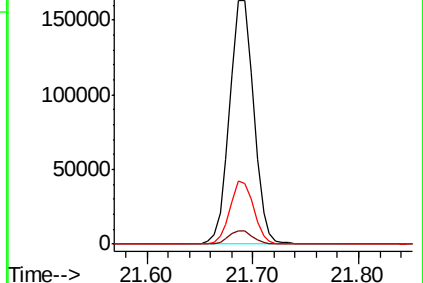
236 26.1 21.0 31.4

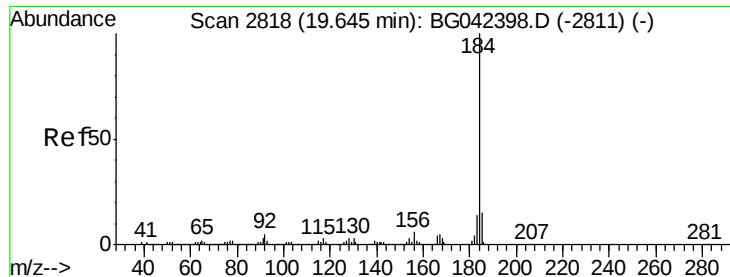


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.273 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

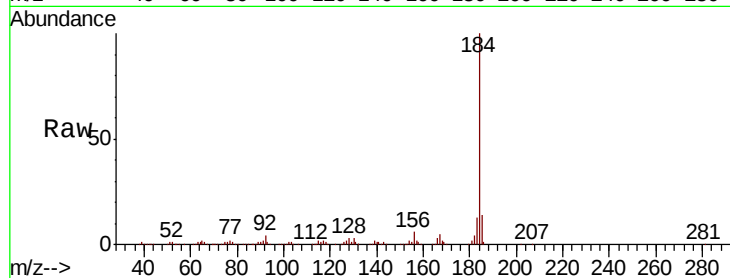
Tot Ion:184 Resp: 297693

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

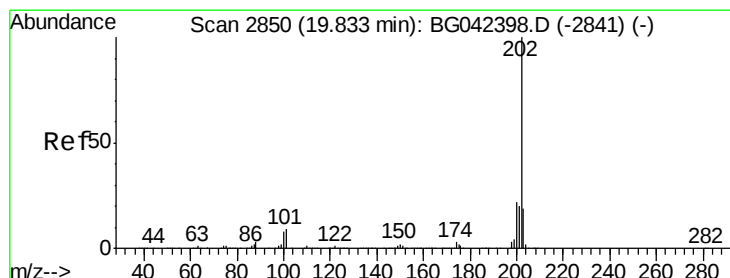
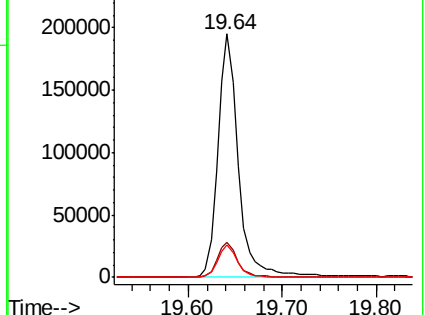
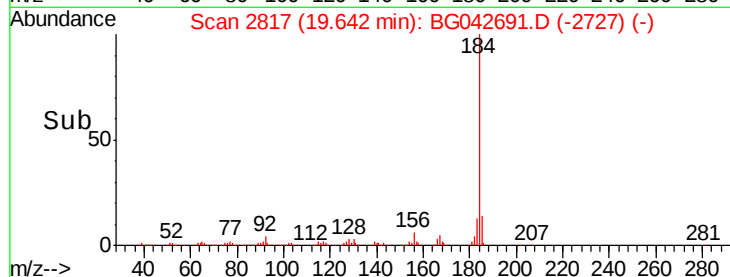
183 13.5 10.8 16.2



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: 47.228 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

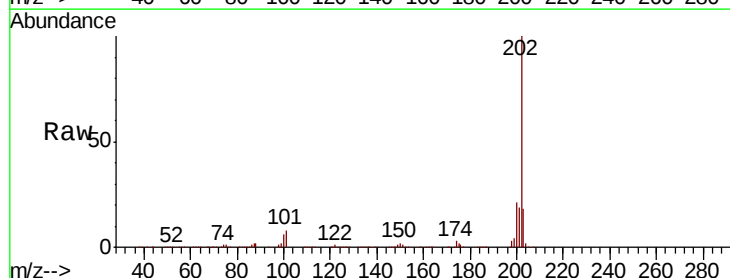
Tgt Ion:202 Resp: 746536

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

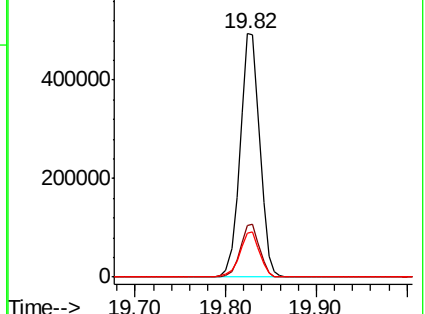
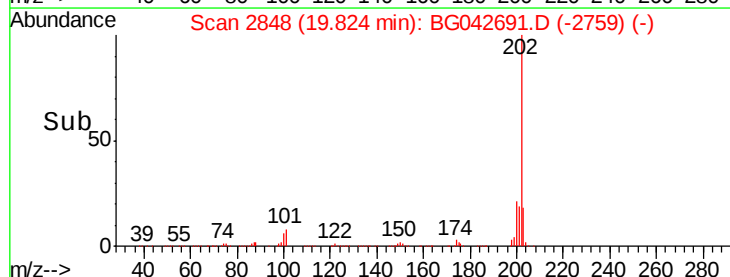
203 18.3 15.5 23.3

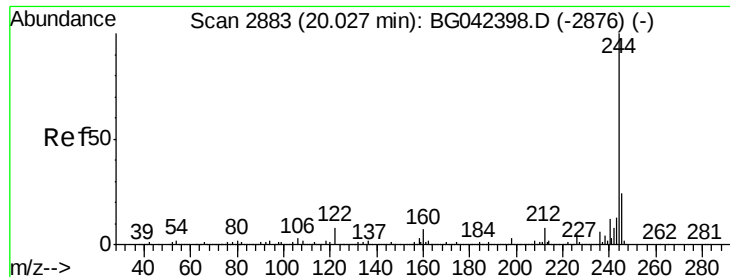


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.603 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampled :

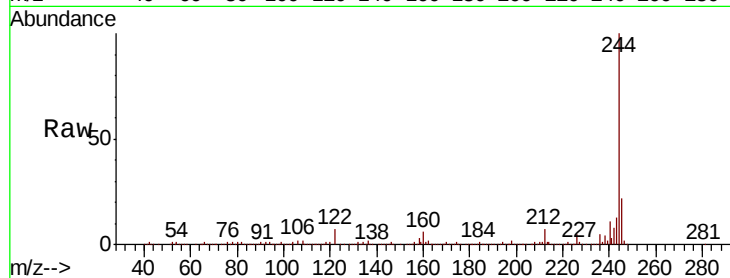
Tot Ion:244 Resp: 1068578

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

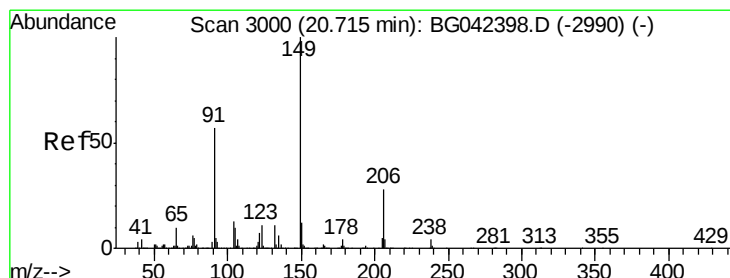
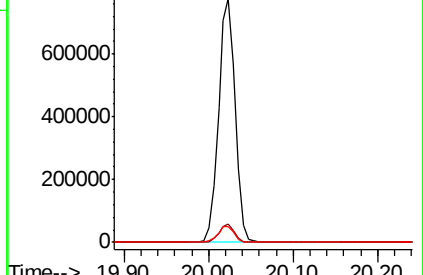
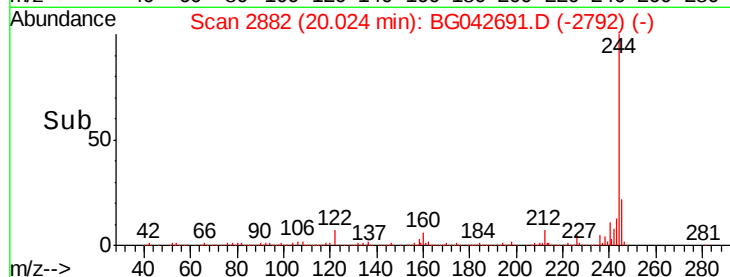
122 6.7 6.7 10.1



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: 43.216 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

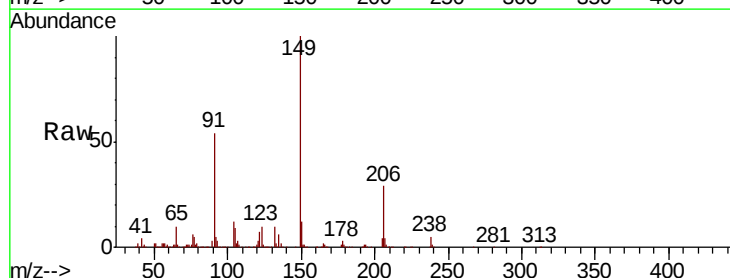
Tgt Ion:149 Resp: 268685

Ion Ratio Lower Upper

149 100

91 54.0 45.9 68.9

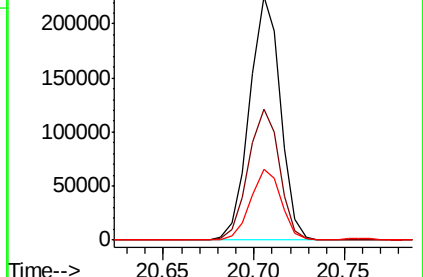
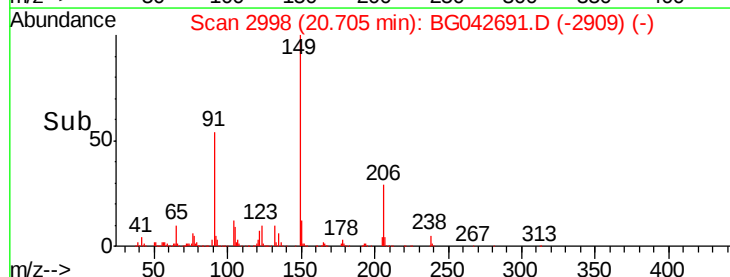
206 28.9 22.5 33.7

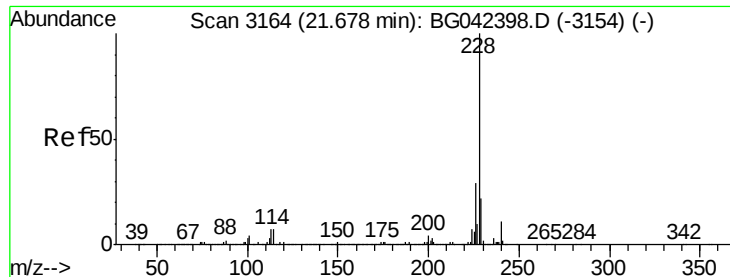


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

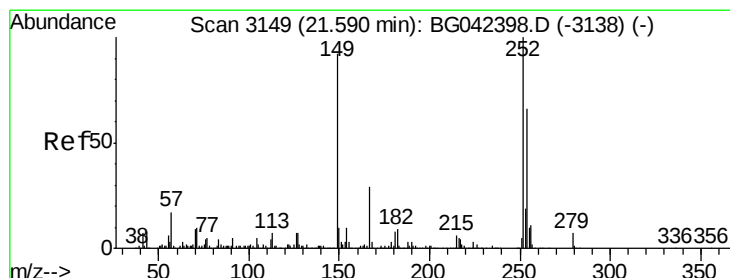
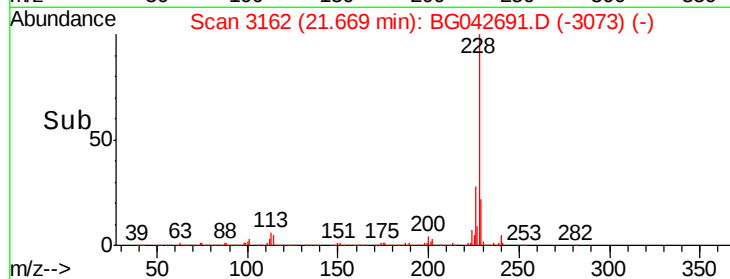
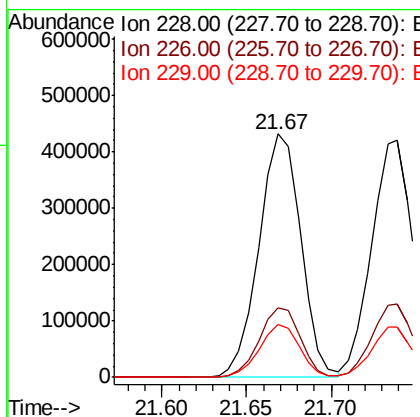
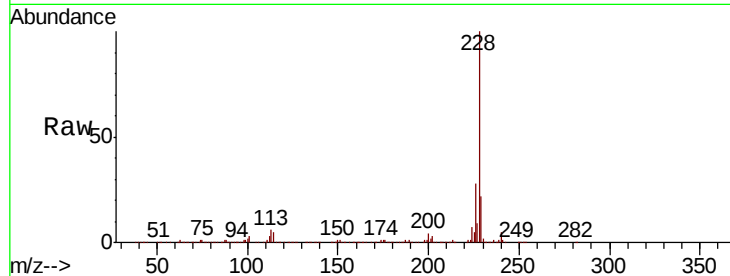




#81
Benzo(a)anthracene
Concen: 47.234 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

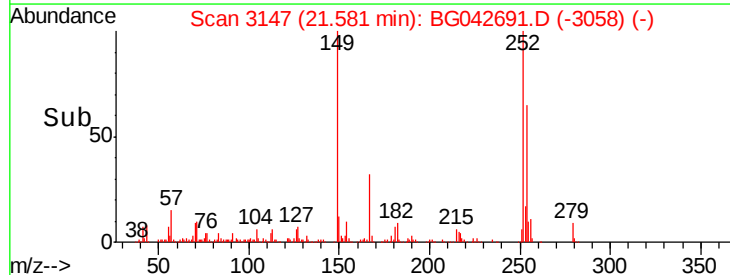
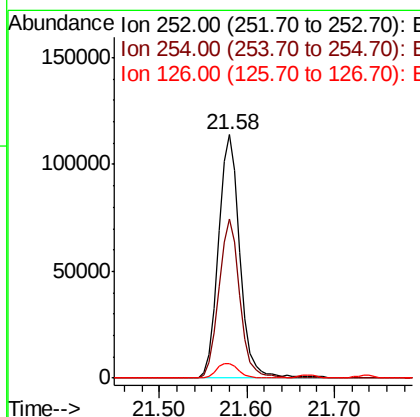
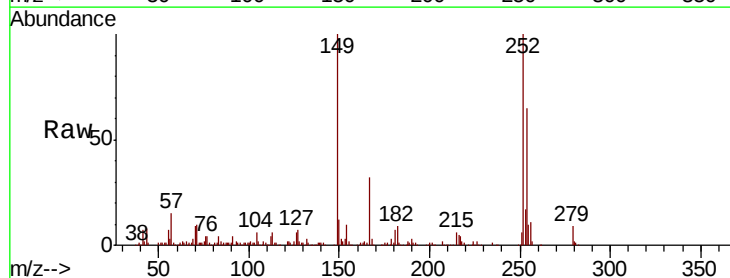
Instrument :
BNA_G
ClientSampled :

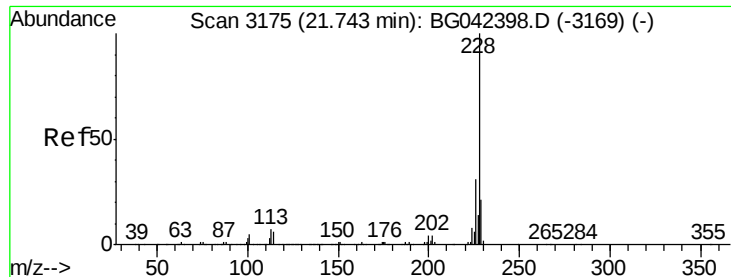
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	21.6	17.4	26.2



#82
3,3'-Dichlorobenzidine
Concen: 30.700 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.0	79.4
126	6.1	5.7	8.5





#83

Chrysene

Concen: 47.216 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

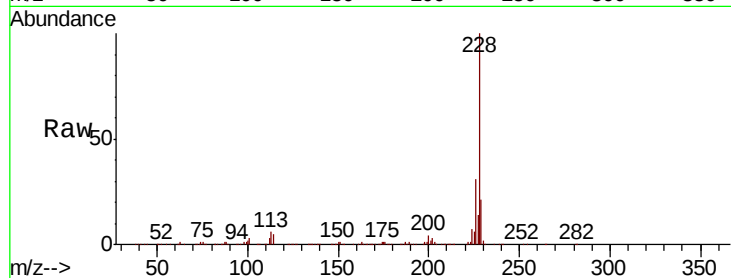
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 714187

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.3	16.9	25.3

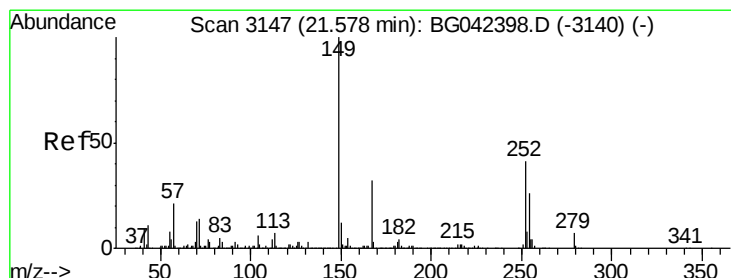
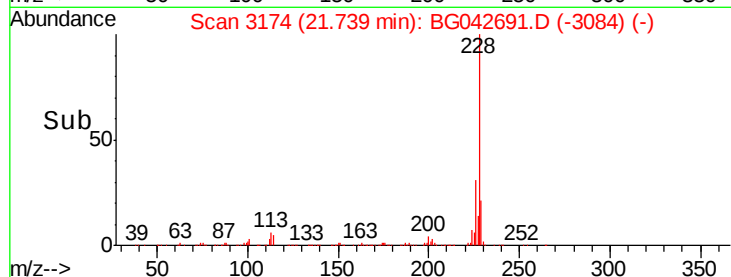
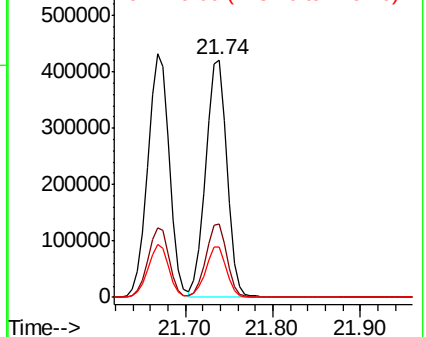


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.352 ng

RT: 21.57 min Scan# 3145

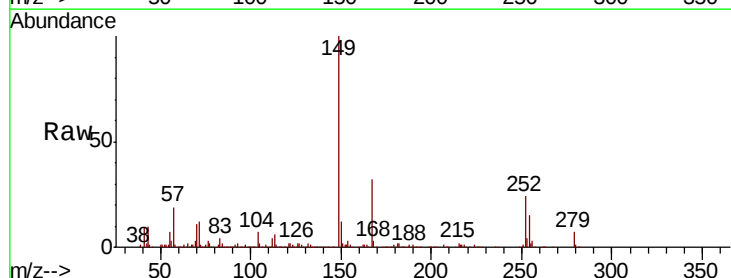
Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Tgt Ion:149 Resp: 382863

Ion	Ratio	Lower	Upper
149	100		
167	31.7	26.0	39.0
279	7.0	5.4	8.0

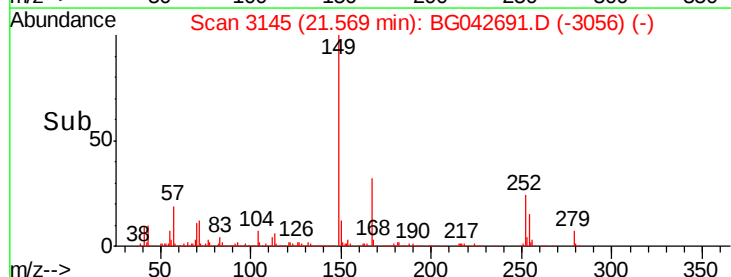
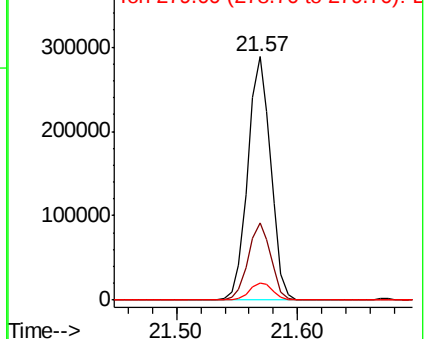


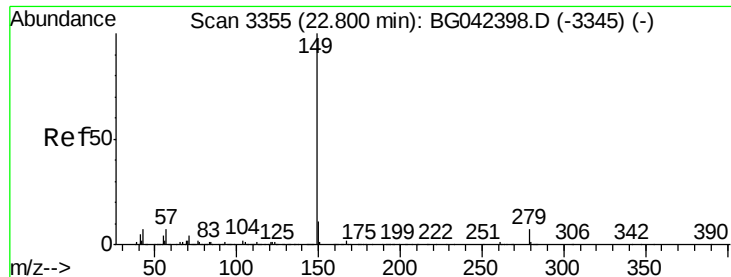
Abundance

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

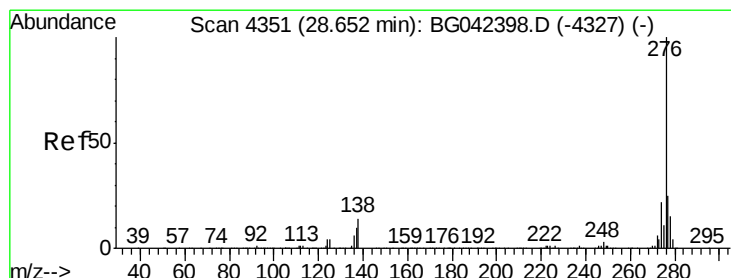
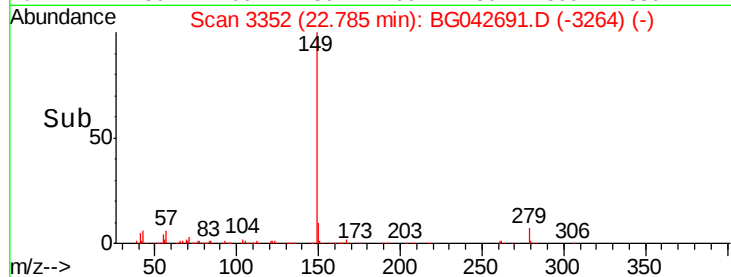
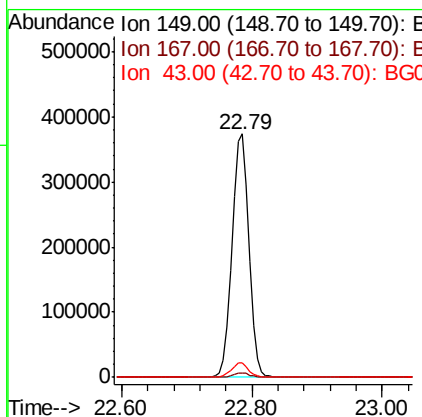
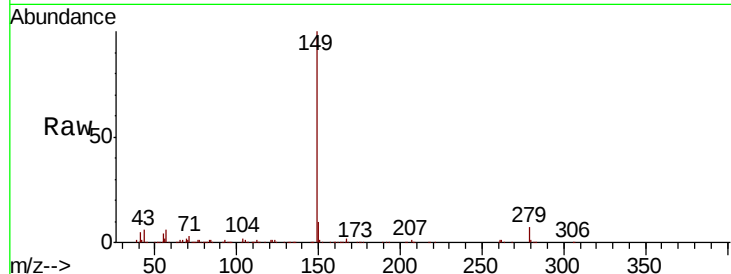




#85
Di-n-octyl phthalate
Concen: 44.939 ng
RT: 22.79 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

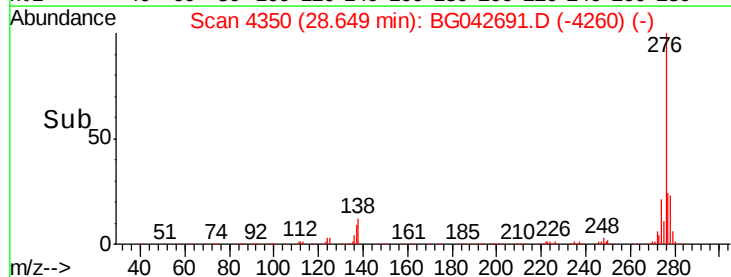
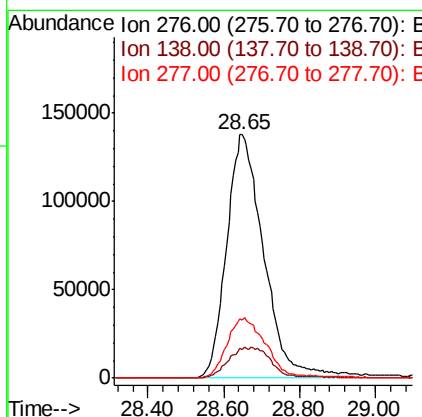
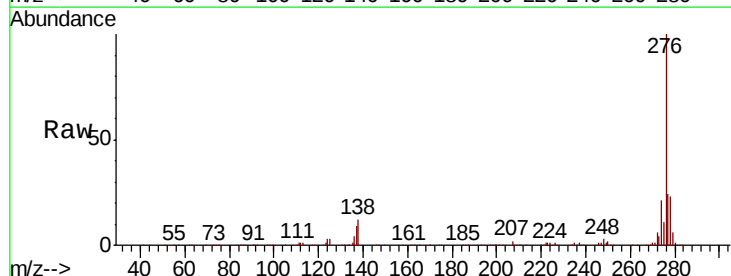
Instrument :
BNA_G
ClientSampled :

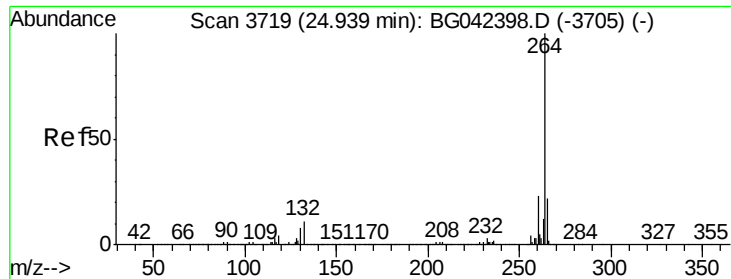
Tot Ion:149 Resp: 667204
Ion Ratio Lower Upper
149 100
167 1.9 1.6 2.4
43 6.0 5.3 7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.556 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion:276 Resp: 936426
Ion Ratio Lower Upper
276 100
138 7.1 9.2 13.8#
277 25.6 21.0 31.6



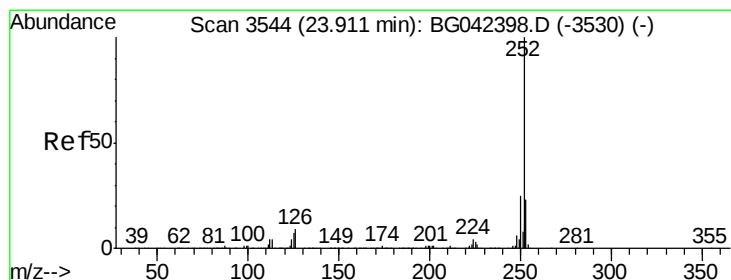
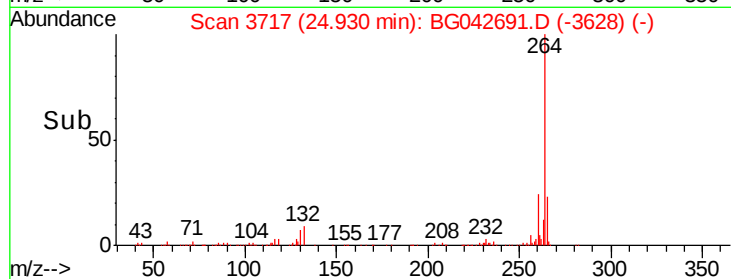
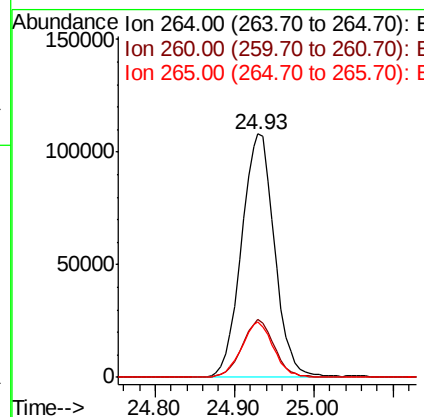
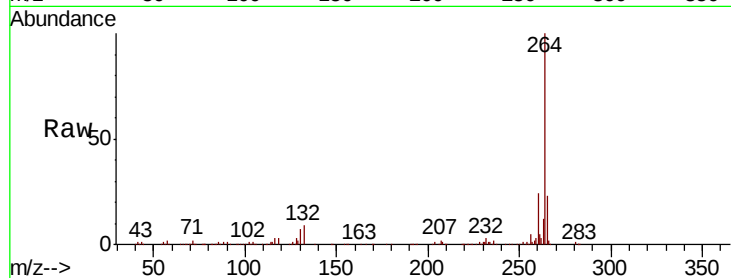


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 312081

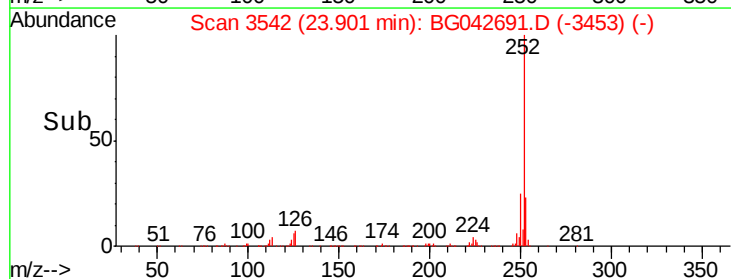
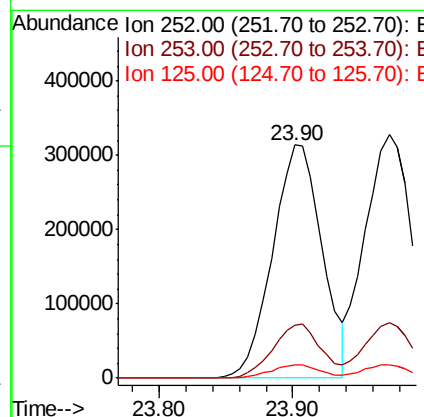
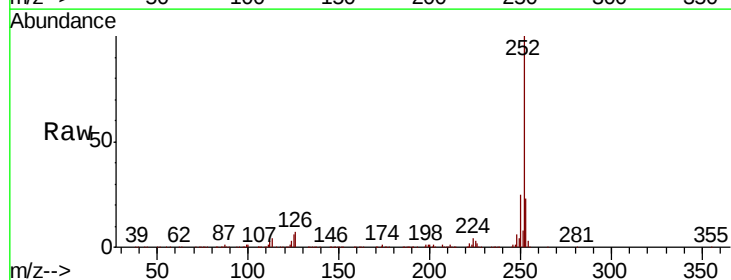
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	23.0	17.6	26.4

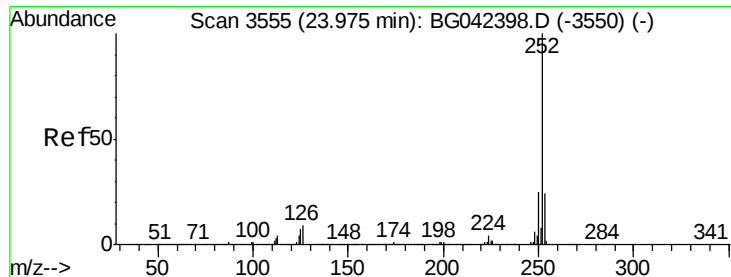


#88
Benzo(b)fluoranthene
Concen: 47.114 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion:252 Resp: 808336

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	5.7	5.6	8.4

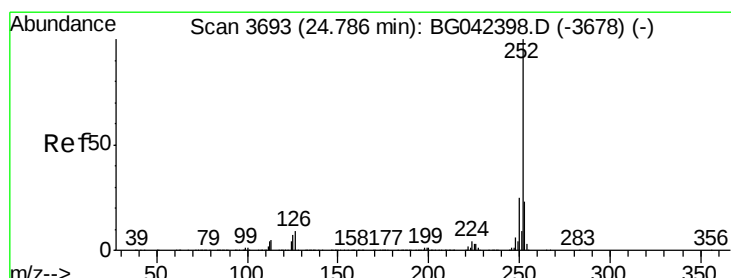
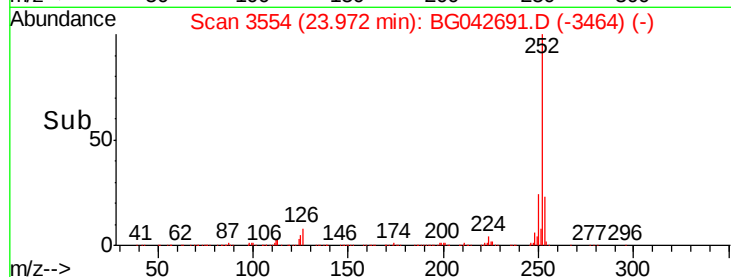
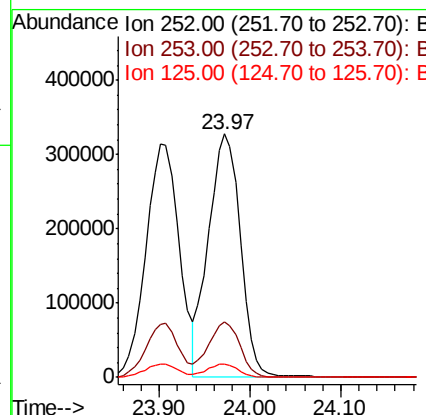
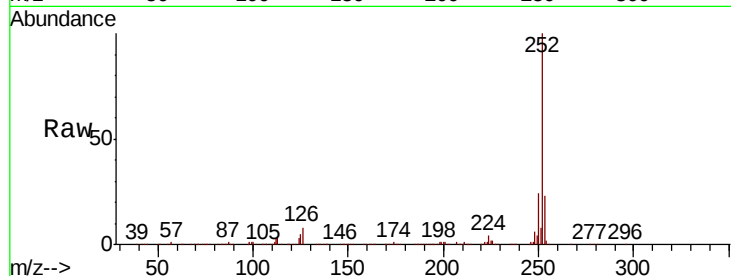




#89
Benzo(k)fluoranthene
Concen: 48.621 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

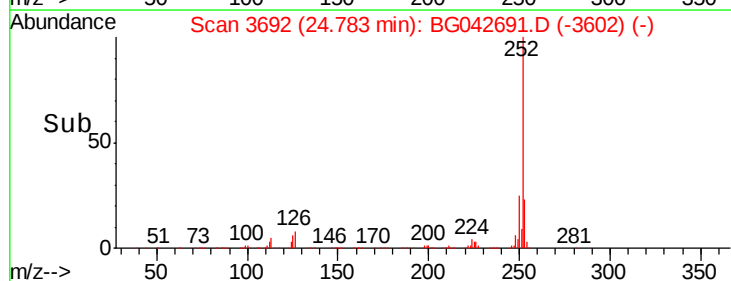
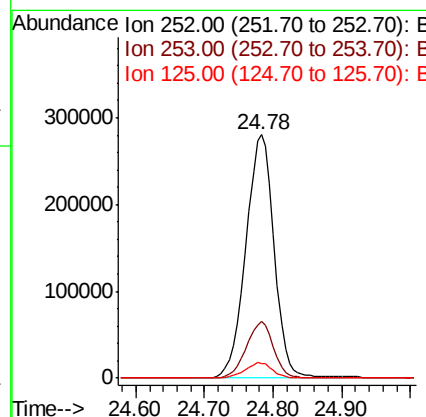
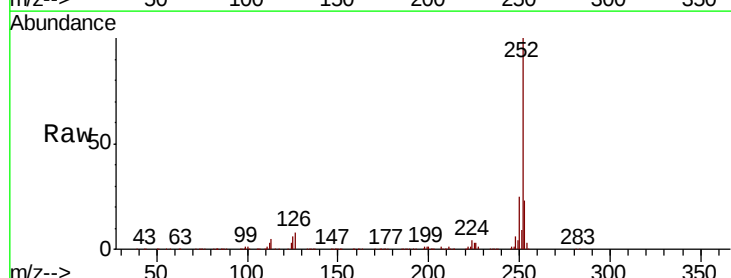
Instrument :
BNA_G
ClientSampled :

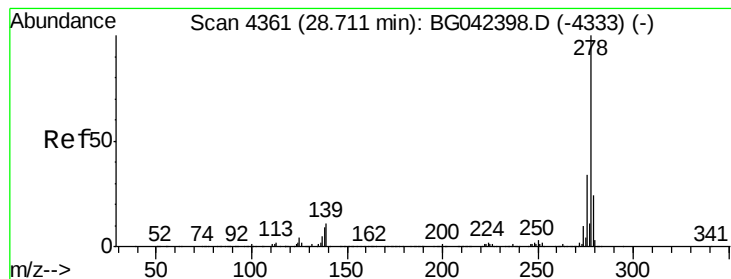
Tot Ion:252 Resp: 801832
Ion Ratio Lower Upper
252 100
253 22.9 18.6 27.8
125 5.4 5.8 8.6#



#90
Benzo(a)pyrene
Concen: 49.377 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion:252 Resp: 803884
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 6.2 6.0 9.0





#91

Dibenzo(a,h)anthracene

Concen: 47.190 ng

RT: 28.71 min Scan# 4360

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

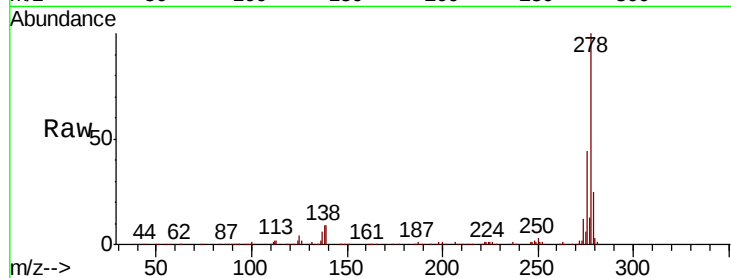
Tot Ion:278 Resp: 777888

Ion Ratio Lower Upper

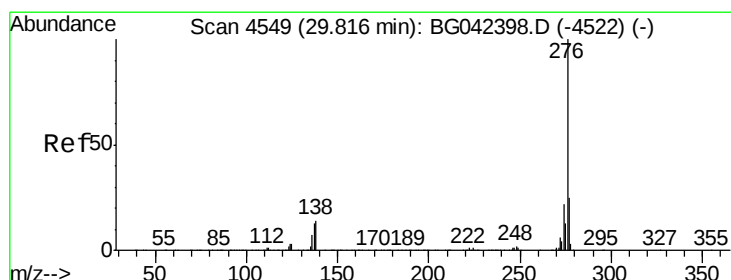
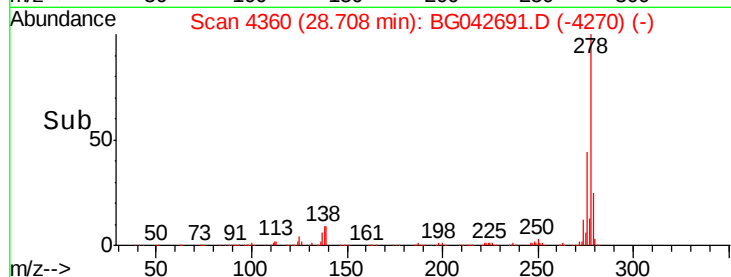
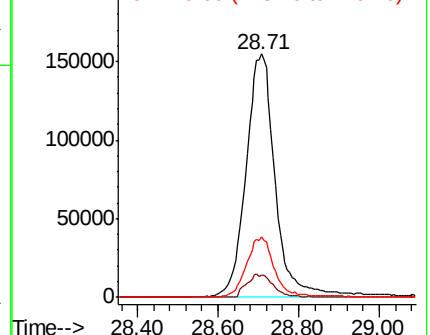
278 100

139 9.0 8.8 13.2

279 24.8 19.1 28.7



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: 46.920 ng

RT: 29.81 min Scan# 4547

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

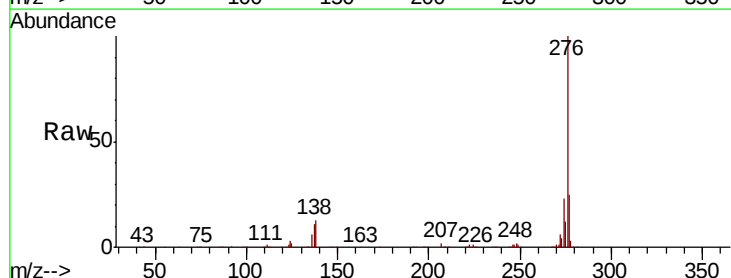
Tgt Ion:276 Resp: 773559

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 13.1 11.4 17.0



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

