

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042569.D
 Acq On : 29 Aug 2019 17:36
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 18:40:13 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	37161	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	151496	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	112942	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	259256	20.00	ng	0.00
76) Chrysene-d12	21.69	240	264189	20.00	ng	0.00
87) Perylene-d12	24.94	264	321326	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	146266	79.72	ng	0.00
7) Phenol-d6	7.17	99	192872	77.82	ng	0.00
23) Nitrobenzene-d5	9.17	82	181601	82.84	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	131293	81.79	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	575653	86.20	ng	0.00
79) Terphenyl-d14	20.03	244	1023660	83.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	29259	38.211	ng	98
3) Pyridine	3.82	79	75023	38.209	ng	98
4) n-Nitrosodimethylamine	3.74	42	28952	41.284	ng	98
6) Aniline	7.32	93	127374	38.531	ng	100
8) 2-Chlorophenol	7.57	128	88504	39.800	ng	99
9) Benzaldehyde	7.13	77	50436	40.647	ng	95
10) Phenol	7.19	94	98103	38.930	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	78090	39.458	ng	98
12) 1,3-Dichlorobenzene	7.89	146	114741	40.561	ng	98
13) 1,4-Dichlorobenzene	8.04	146	114988	40.130	ng	99
14) 1,2-Dichlorobenzene	8.36	146	109980	40.079	ng	99
15) Benzyl Alcohol	8.24	79	72633	40.734	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	101649	37.895	ng	98
17) 2-Methylphenol	8.45	107	72951	39.304	ng	96
18) Hexachloroethane	9.09	117	39533	40.301	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	62492	38.919	ng	93
20) 3+4-Methylphenols	8.78	107	98994	38.544	ng	96
22) Acetophenone	8.83	105	132996	41.045	ng	# 98
24) Nitrobenzene	9.21	77	89173	40.168	ng	99
25) Isophorone	9.73	82	170973	39.517	ng	98
26) 2-Nitrophenol	9.93	139	56720	40.771	ng	97
27) 2,4-Dimethylphenol	9.99	122	77169	40.268	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	108572	39.815	ng	98
29) 2,4-Dichlorophenol	10.47	162	105602	42.118	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	129460	42.066	ng	98
31) Naphthalene	10.87	128	285412	40.579	ng	99
32) Benzoic acid	10.15	122	54476	40.672	ng	100
33) 4-Chloroaniline	10.98	127	130747	40.268	ng	97
34) Hexachlorobutadiene	11.16	225	90402	43.708	ng	100
35) Caprolactam	11.76	113	31837	38.054	ng	93
36) 4-Chloro-3-methylphenol	12.11	107	93635	39.340	ng	98
37) 2-Methylnaphthalene	12.48	142	231380	40.969	ng	98
38) 1-Methylnaphthalene	12.70	142	217250	40.498	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	156832	43.240	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	66441	34.873	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	101544	41.420	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	105125	41.379	ng	96
46) 1,1'-Biphenyl	13.49	154	295922	40.534	ng	98
47) 2-Chloronaphthalene	13.54	162	256474	40.742	ng	99
48) 2-Nitroaniline	13.74	65	59794	39.390	ng	96
49) Acenaphthylene	14.38	152	385090	40.661	ng	100
50) Dimethylphthalate	14.11	163	335523	41.173	ng	99
51) 2,6-Dinitrotoluene	14.23	165	76102	40.289	ng	98
52) Acenaphthene	14.72	154	229117	39.841	ng	99
53) 3-Nitroaniline	14.56	138	72834	38.555	ng	98
54) 2,4-Dinitrophenol	14.79	184	43837	37.994	ng	97
55) Dibenzofuran	15.06	168	391145	41.090	ng	99
56) 4-Nitrophenol	14.89	139	52245	38.921	ng	92
57) 2,4-Dinitrotoluene	15.03	165	108388	40.071	ng	96
58) Fluorene	15.71	166	314498	40.416	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	103950	41.375	ng	# 93
60) Diethylphthalate	15.47	149	320835	40.274	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	193678	41.289	ng	99
62) 4-Nitroaniline	15.73	138	80549	39.840	ng	94
63) Azobenzene	15.99	77	210010	38.473	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	64957	39.963	ng	99
66) n-Nitrosodiphenylamine	15.92	169	288667	40.488	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	137005	41.662	ng	98
68) Hexachlorobenzene	16.73	284	146474	40.974	ng	96
69) Atrazine	16.86	200	90728	35.985	ng	99
70) Pentachlorophenol	17.07	266	76245	41.049	ng	98
71) Phenanthrene	17.45	178	532021	41.313	ng	99
72) Anthracene	17.55	178	533955	41.534	ng	100
73) Carbazole	17.82	167	465925	40.665	ng	100
74) Di-n-butylphthalate	18.37	149	562969	41.566	ng	99
75) Fluoranthene	19.47	202	671977	42.757	ng	97
77) Benzidine	19.65	184	252740	33.368	ng	99
78) Pyrene	19.83	202	675010	41.674	ng	99
80) Butylbenzylphthalate	20.71	149	248987	39.083	ng	100
81) Benzo(a)anthracene	21.67	228	669673	41.669	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	255881	39.588	ng	99
83) Chrysene	21.74	228	642302	41.441	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	348757	39.428	ng	98
85) Di-n-octyl phthalate	22.79	149	605710	39.814	ng	100
86) Indeno(1,2,3-cd)pyrene	28.67	276	856006	40.640	ng	# 97
88) Benzo(b)fluoranthene	23.91	252	720905	40.809	ng	98
89) Benzo(k)fluoranthene	23.91	252	720905	42.456	ng	98
90) Benzo(a)pyrene	24.79	252	695614	41.497	ng	98
91) Dibenzo(a,h)anthracene	28.72	278	698845	41.175	ng	97
92) Benzo(g,h,i)perylene	29.83	276	690436	40.673	ng	99

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

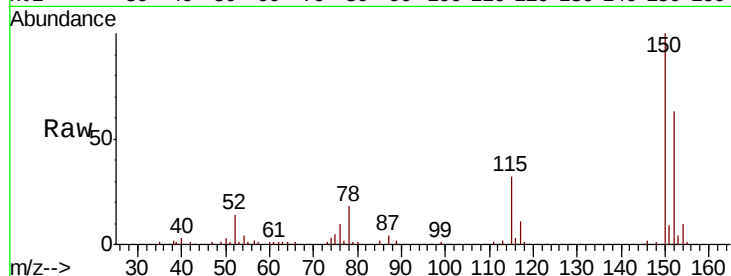


#1

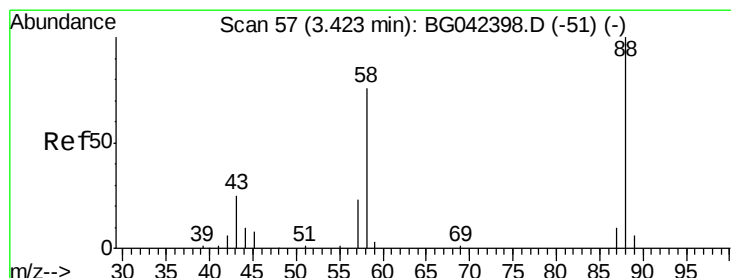
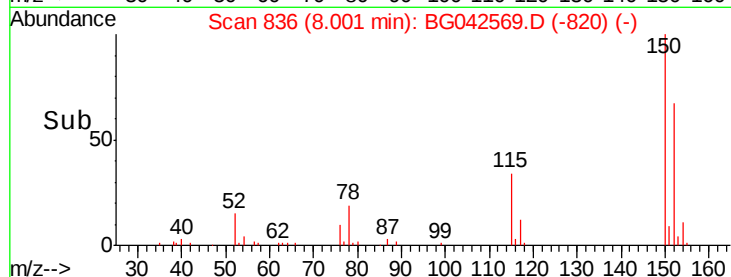
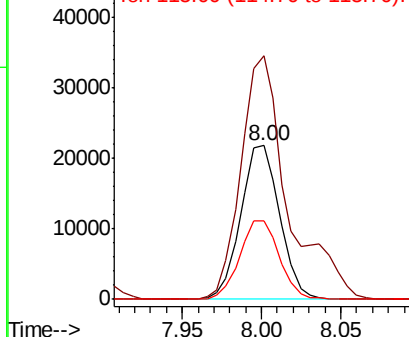
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37161
Ion Ratio Lower Upper
152 100
150 158.6 125.4 188.0
115 51.5 38.5 57.7



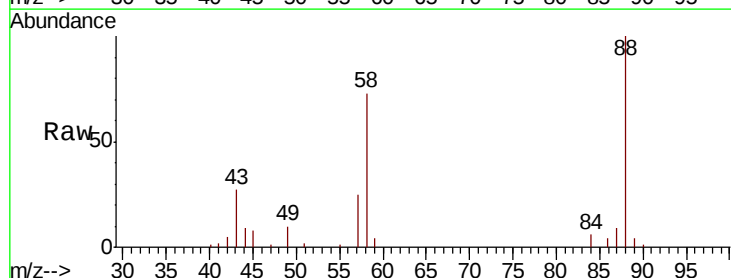
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



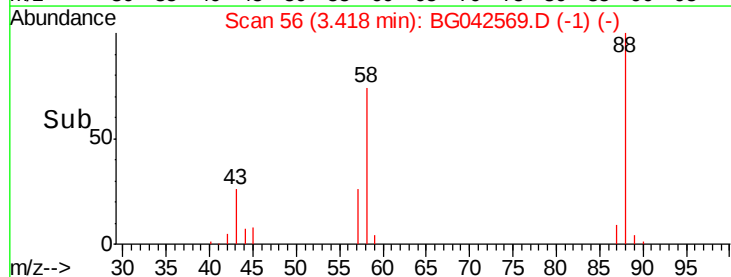
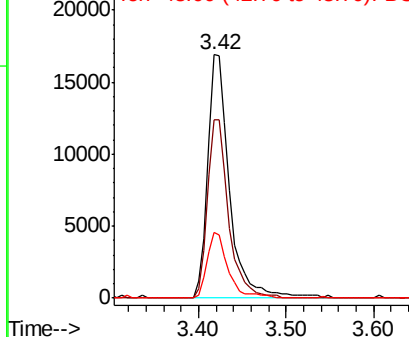
#2

1,4-Dioxane
Concen: 38.211 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion: 88 Resp: 29259
Ion Ratio Lower Upper
88 100
58 70.9 58.3 87.5
43 25.9 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: 38.209 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampleId :

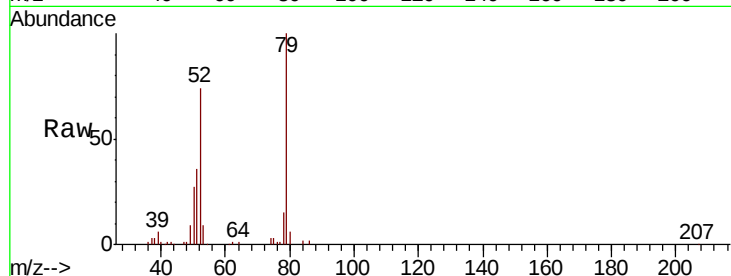
Tot Ion: 79 Resp: 75023

Ion Ratio Lower Upper

79 100

52 74.1 57.7 86.5

51 36.3 28.8 43.2

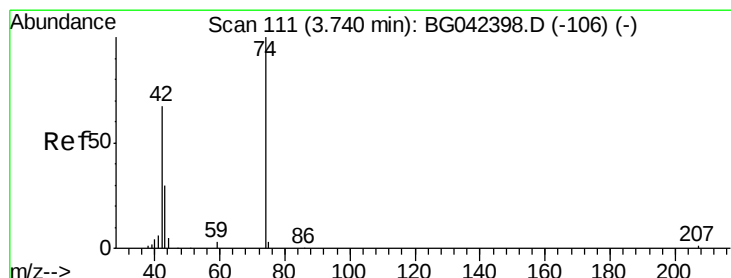
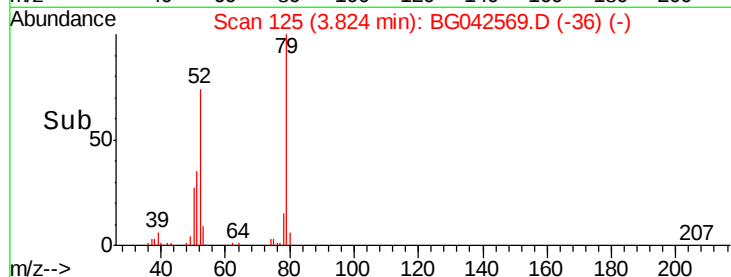
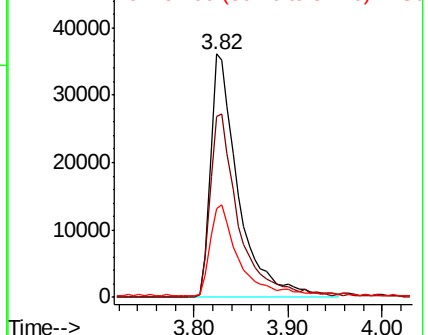


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.284 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

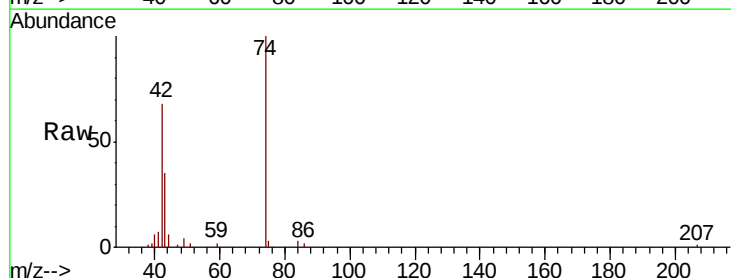
Tgt Ion: 42 Resp: 28952

Ion Ratio Lower Upper

42 100

74 147.2 119.6 179.4

44 8.1 6.5 9.7

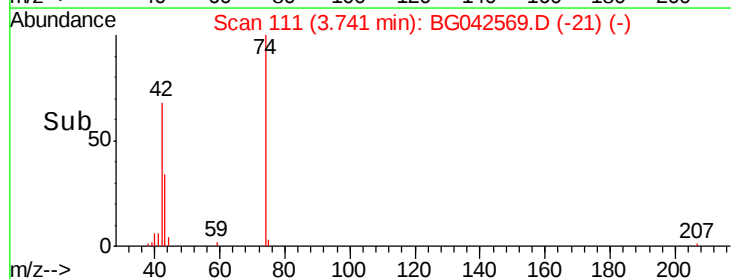
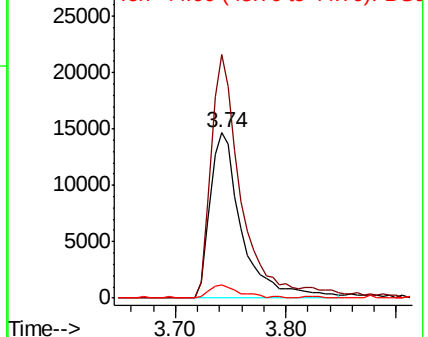


Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 79.716 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampled :

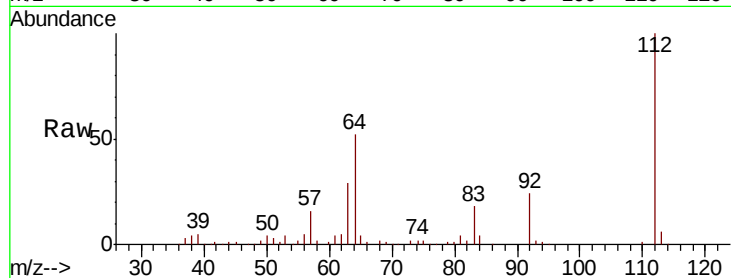
Tot Ion: 112 Resp: 146266

Ion Ratio Lower Upper

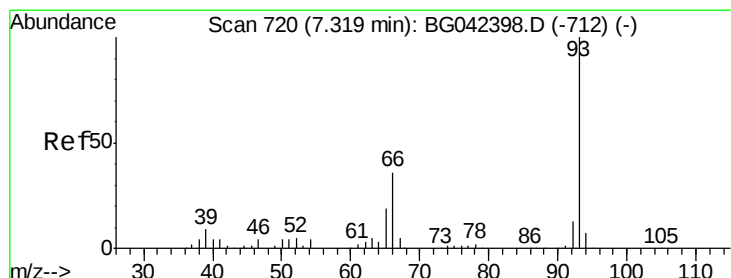
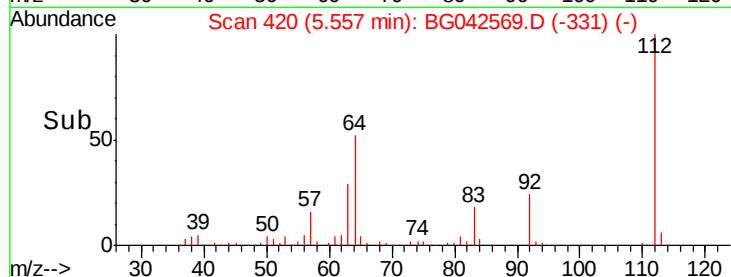
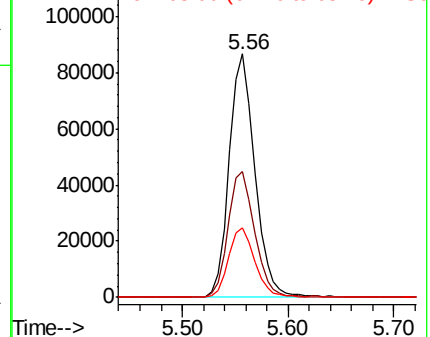
112 100

64 51.8 42.8 64.2

63 28.8 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: 38.531 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

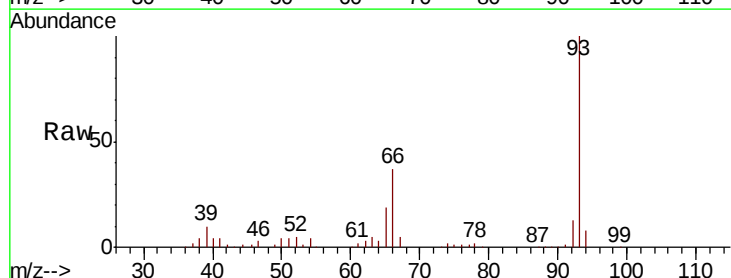
Tgt Ion: 93 Resp: 127374

Ion Ratio Lower Upper

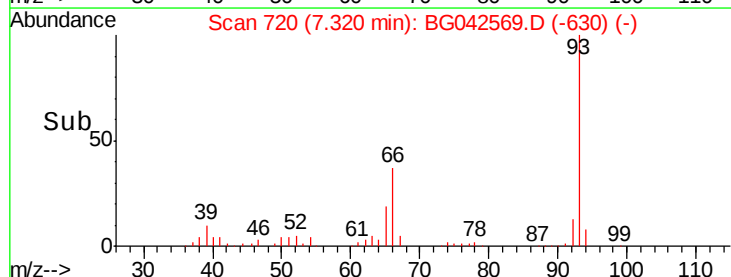
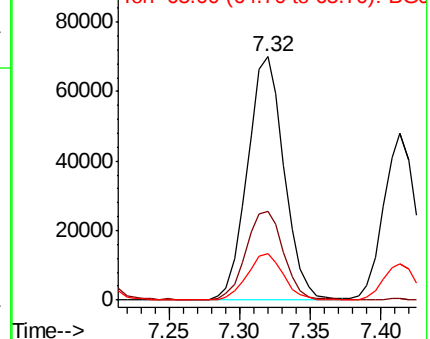
93 100

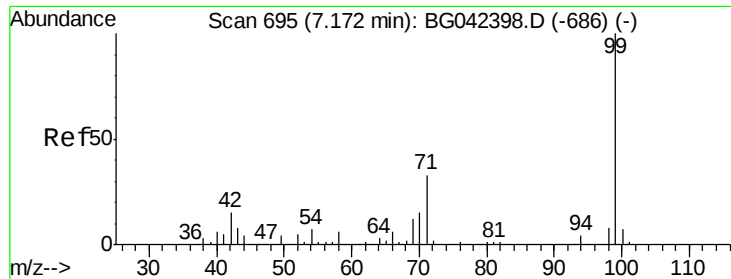
66 36.5 29.0 43.6

65 19.0 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: 77.819 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampled :

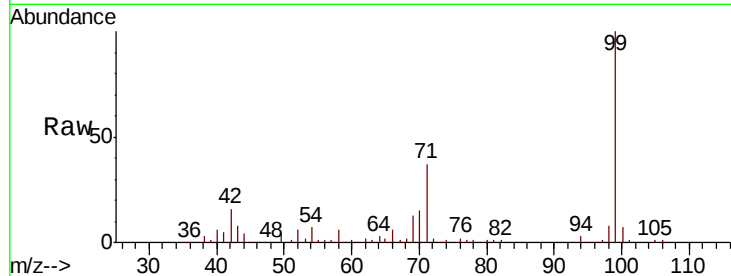
Tot Ion: 99 Resp: 192872

Ion Ratio Lower Upper

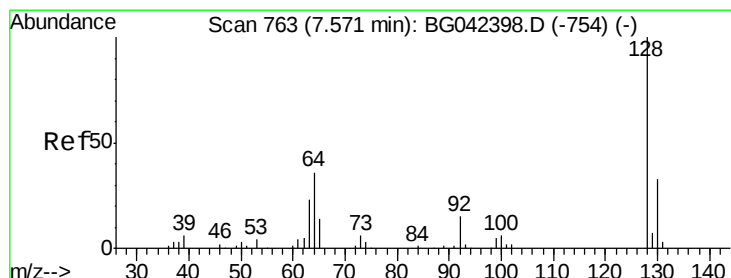
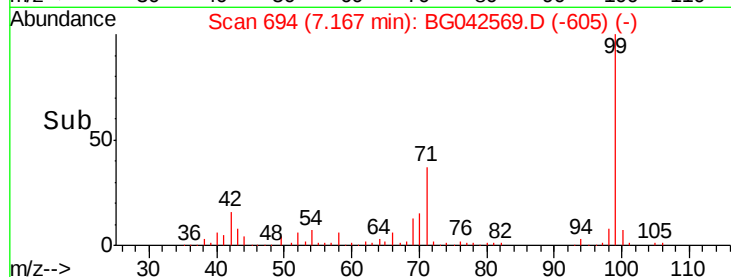
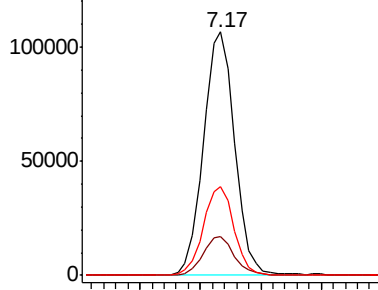
99 100

42 15.9 12.0 18.0

71 36.6 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: 39.800 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

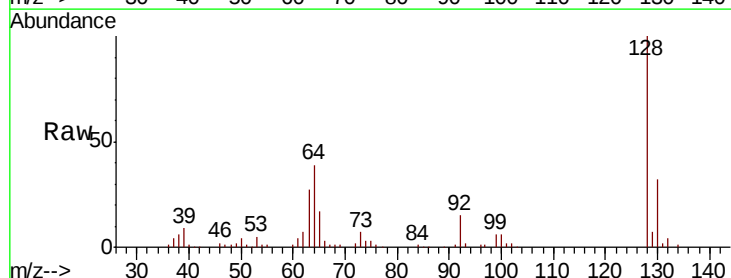
Tgt Ion: 128 Resp: 88504

Ion Ratio Lower Upper

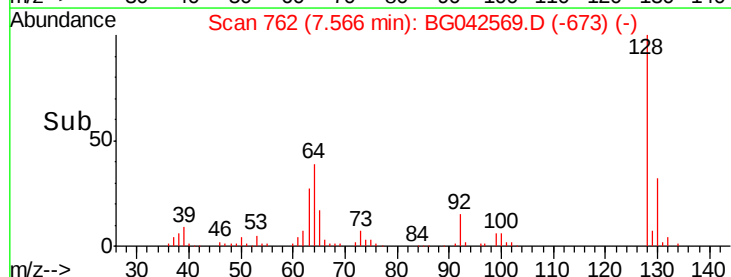
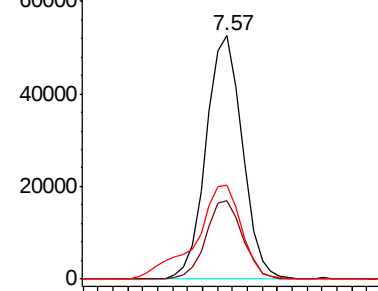
128 100

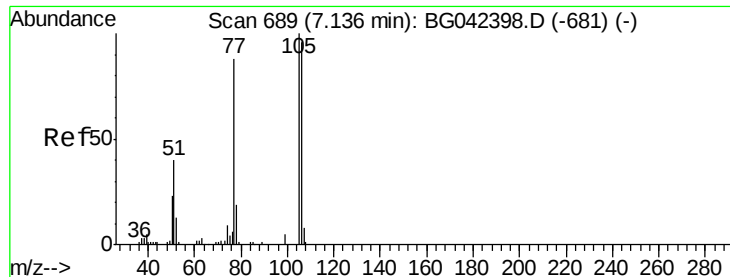
130 32.0 12.8 52.8

64 38.7 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: 40.647 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampled :

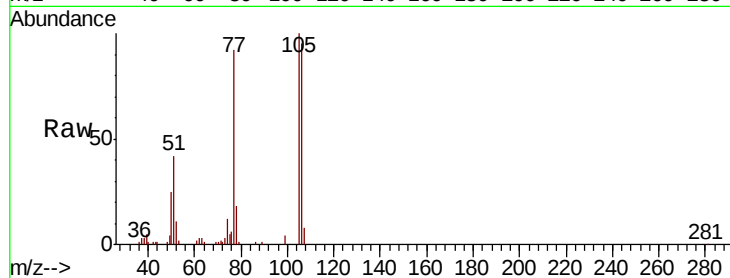
Tot Ion: 77 Resp: 50436

Ion Ratio Lower Upper

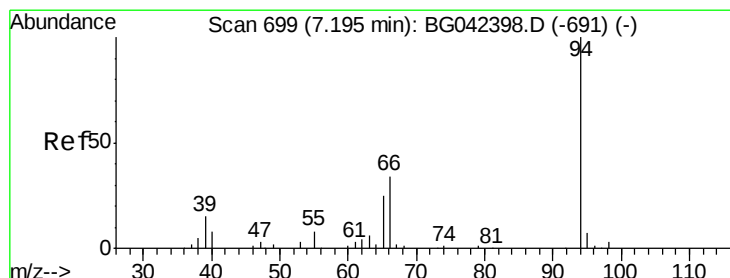
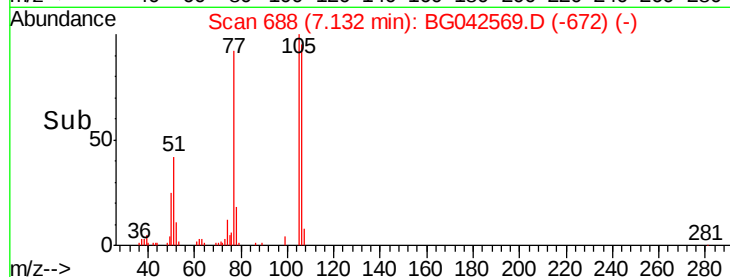
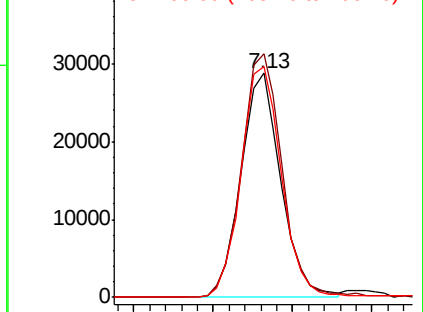
77 100

105 108.6 93.4 133.4

106 102.8 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: 38.930 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

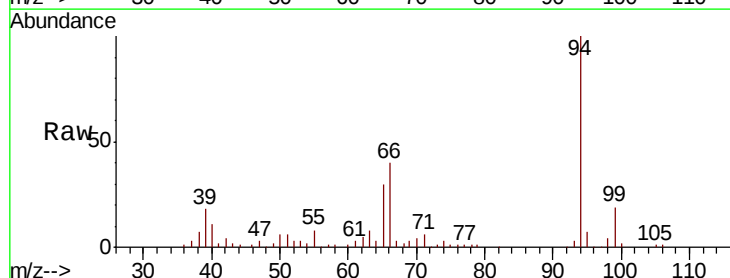
Tgt Ion: 94 Resp: 98103

Ion Ratio Lower Upper

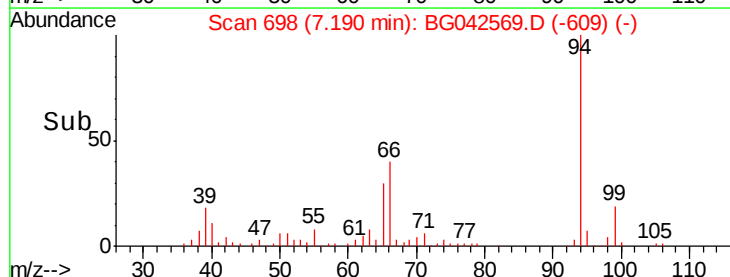
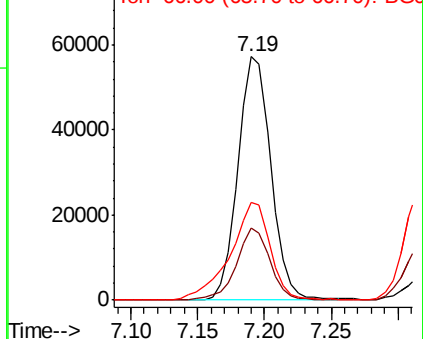
94 100

65 29.6 5.6 45.6

66 40.2 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

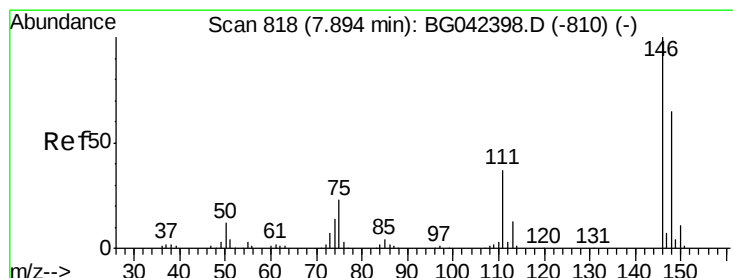
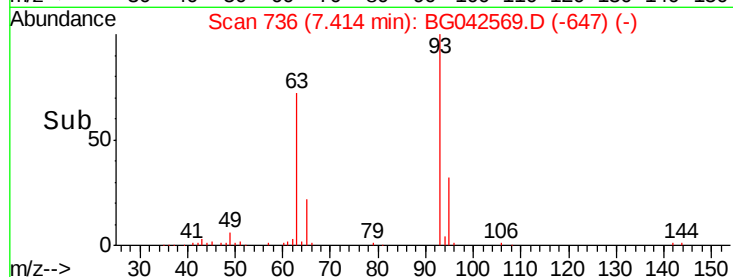
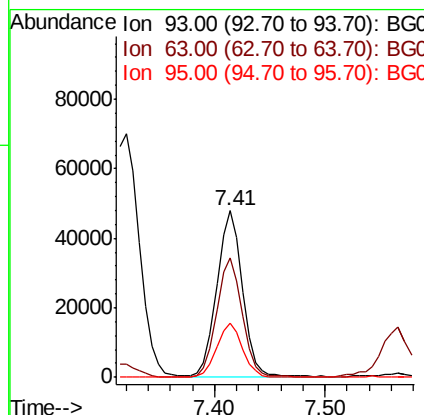
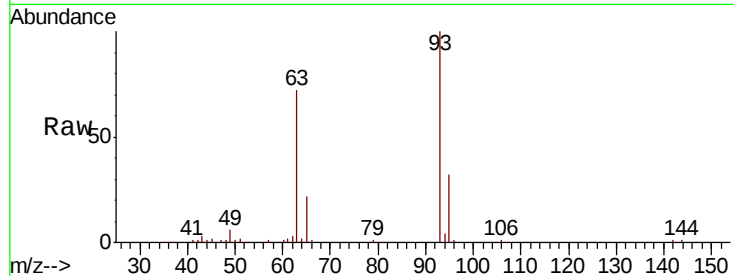




#11
 bis(2-Chloroethyl)ether
 Concen: 39.458 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

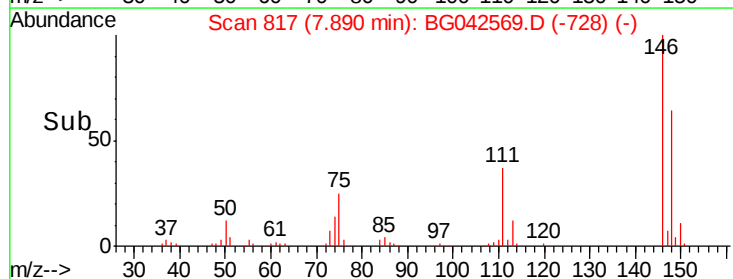
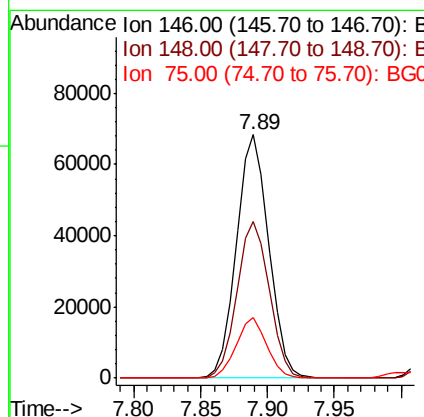
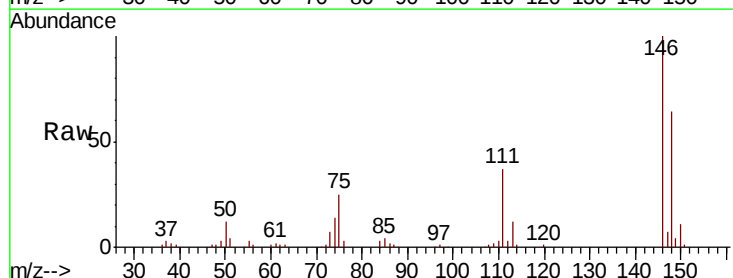
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 93 Resp: 78090
 Ion Ratio Lower Upper
 93 100
 63 72.0 53.8 93.8
 95 32.3 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 40.561 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion: 146 Resp: 114741
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 75 24.7 18.0 27.0

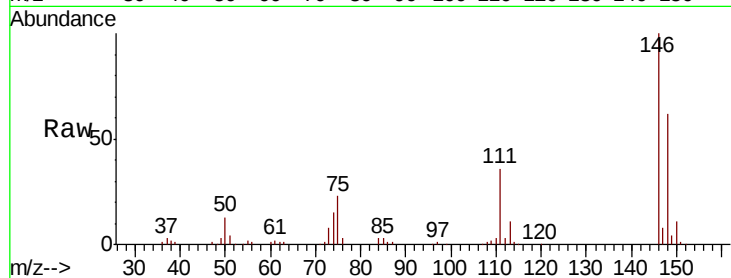




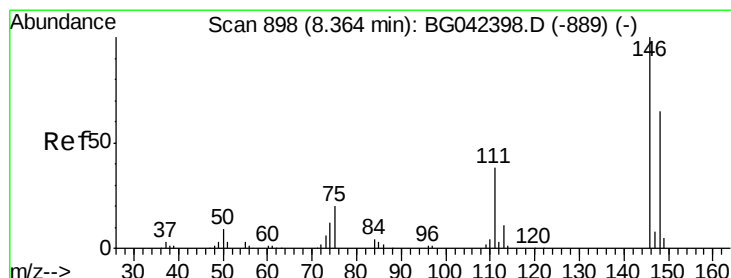
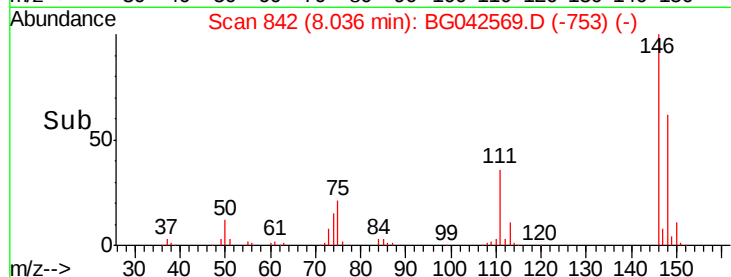
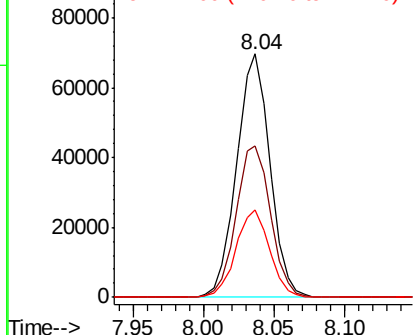
#13
 1,4-Dichlorobenzene
 Concen: 40.130 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 114988
 Ion Ratio Lower Upper
 146 100
 148 62.3 49.5 74.3
 111 36.0 28.1 42.1

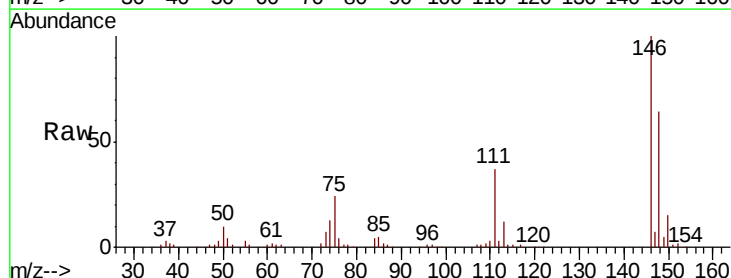


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

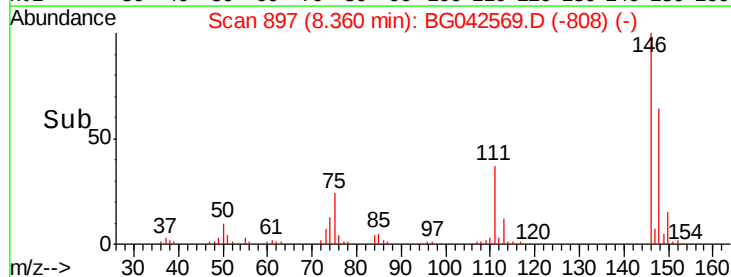
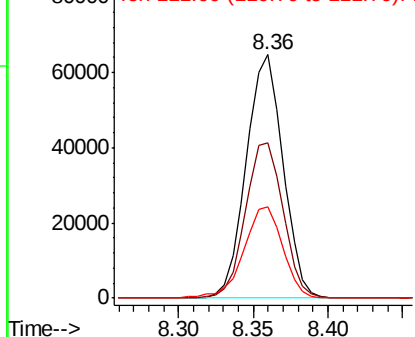


#14
 1,2-Dichlorobenzene
 Concen: 40.079 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion:146 Resp: 109980
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 37.4 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: 40.734 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :
BNA_G
ClientSampleId :

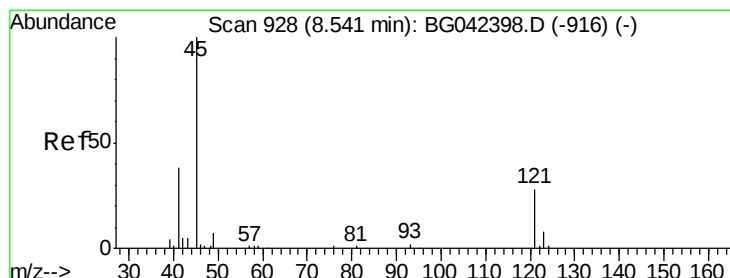
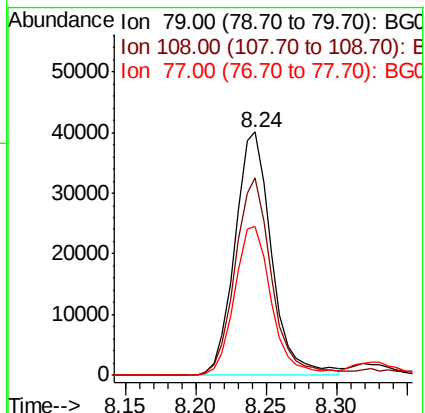
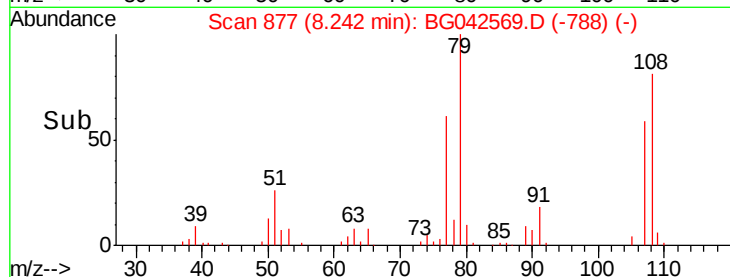
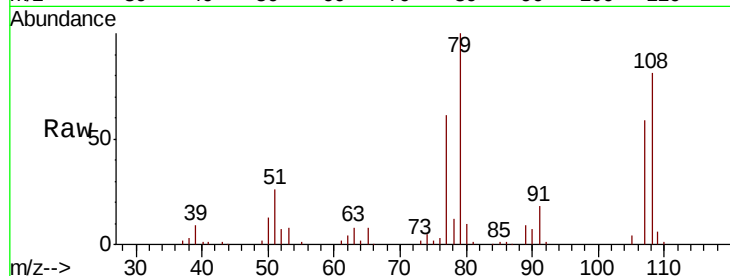
Tot Ion: 79 Resp: 72633

Ion Ratio Lower Upper

79 100

108 81.4 67.4 101.2

77 61.1 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.895 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

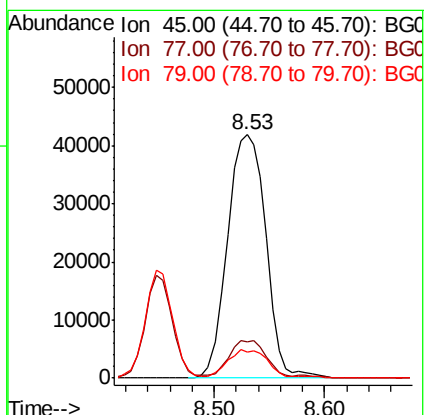
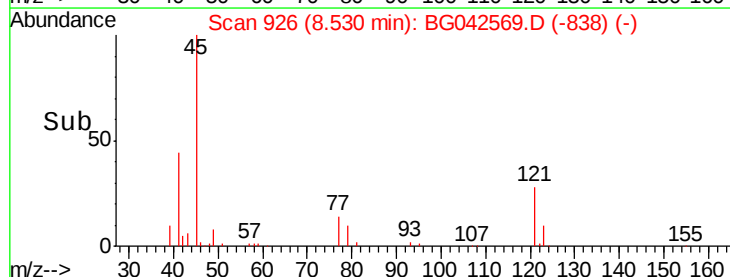
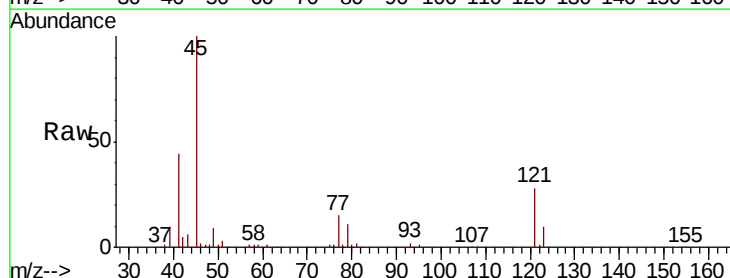
Tgt Ion: 45 Resp: 101649

Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.6

79 10.9 0.0 31.6

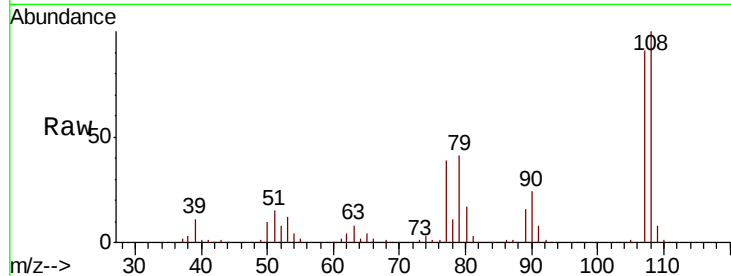




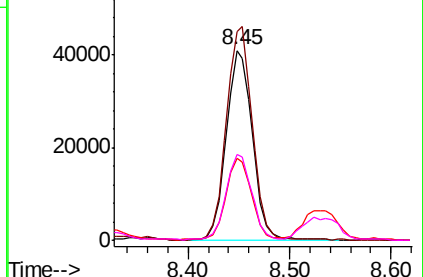
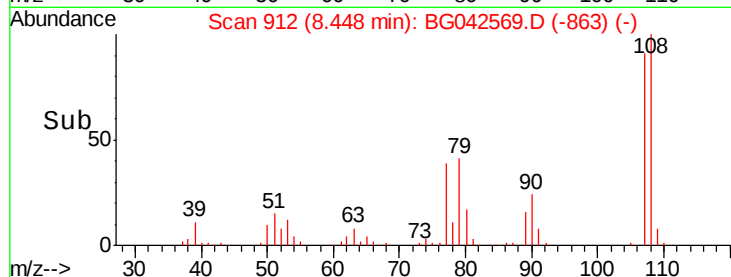
#17
2-Methylphenol
Concen: 39.304 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 72951
Ion Ratio Lower Upper
107 100
108 110.0 92.9 139.3
77 43.4 34.4 51.6
79 45.5 33.8 50.6

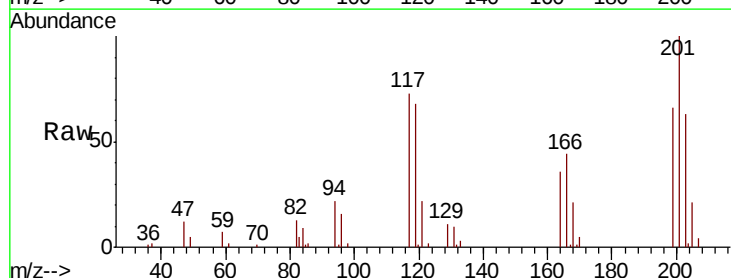


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

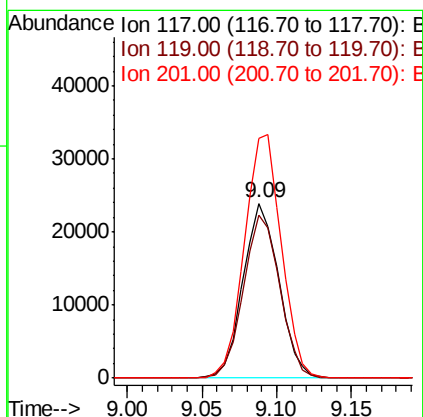
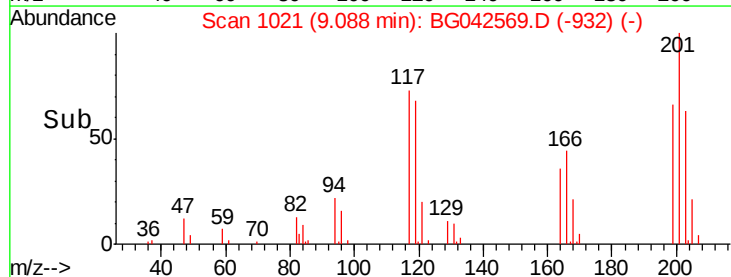


#18
Hexachloroethane
Concen: 40.301 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion:117 Resp: 39533
Ion Ratio Lower Upper
117 100
119 93.3 73.8 110.8
201 137.4 108.3 162.5



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

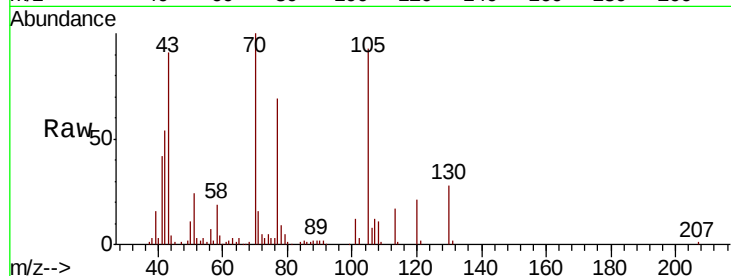




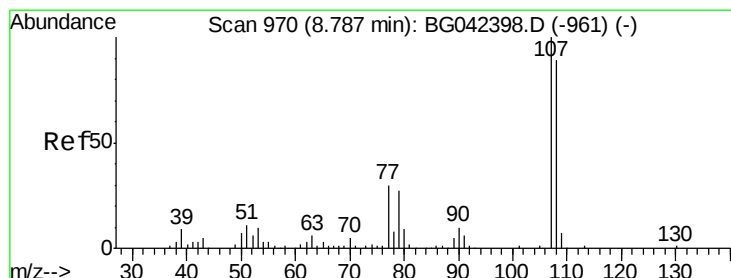
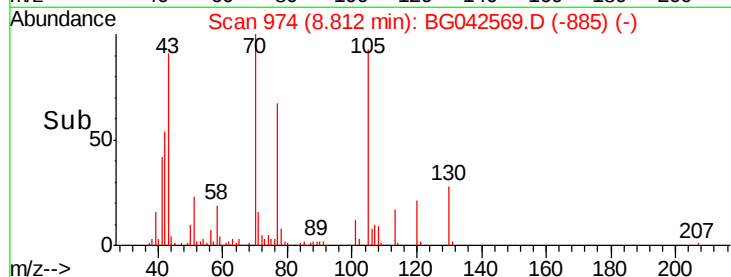
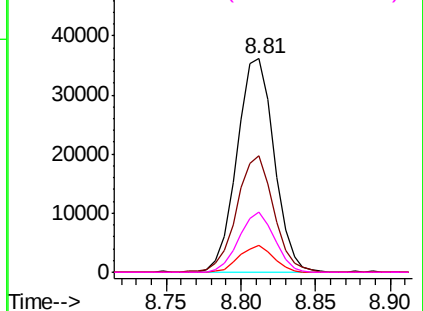
#19
n-Nitroso-di-n-propylamine
Concen: 38.919 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 62492
Ion Ratio Lower Upper
70 100
42 54.3 38.8 58.2
101 12.4 9.0 13.6
130 27.9 20.0 30.0

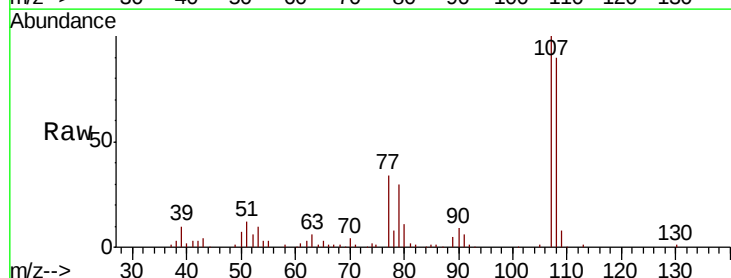


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

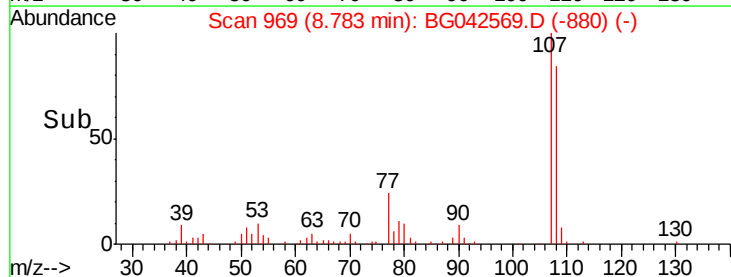
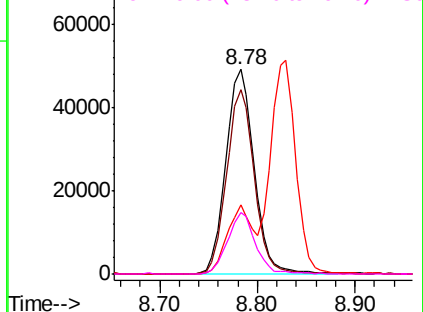


#20
3+4-Methylphenols
Concen: 38.544 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion: 107 Resp: 98994
Ion Ratio Lower Upper
107 100
108 90.5 68.7 108.7
77 34.1 10.2 50.2
79 30.0 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# 1316

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 151496

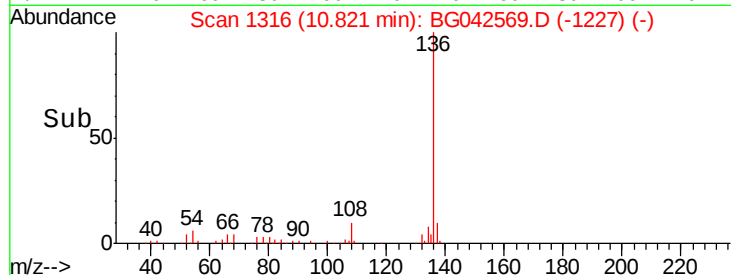
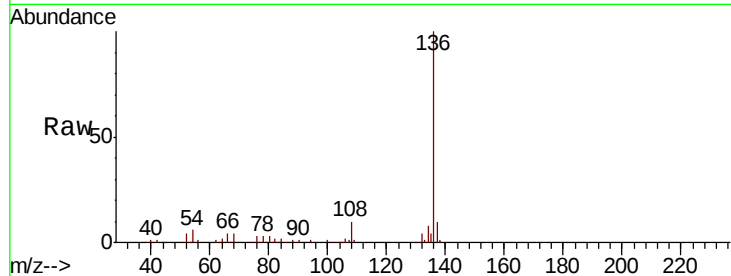
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.5 4.9 7.3

68 3.6 3.6 5.4#

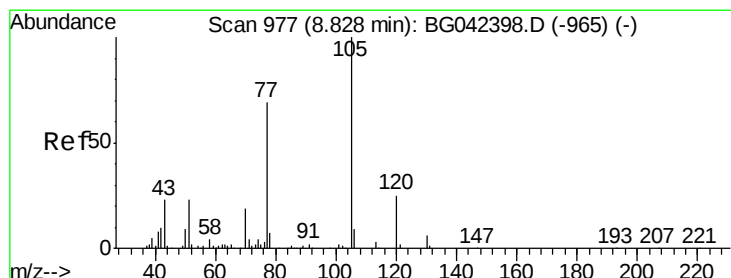
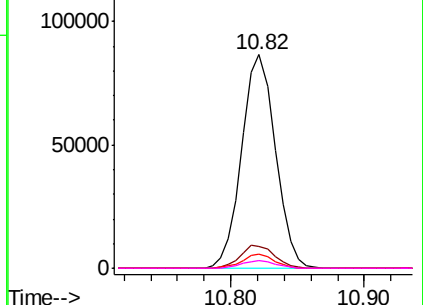


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.045 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Tgt Ion:105 Resp: 132996

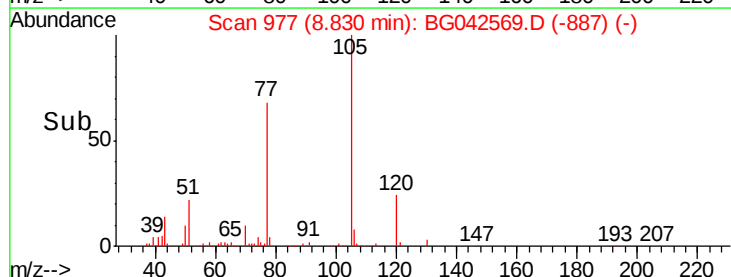
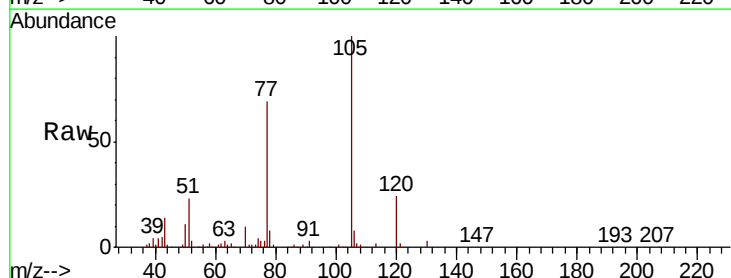
Ion Ratio Lower Upper

105 100

71 1.3 2.8 4.2#

51 23.0 18.7 28.1

120 23.6 20.1 30.1

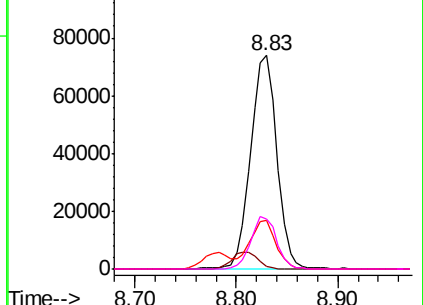


Abundance Ion 105.00 (104.70 to 105.70): E

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

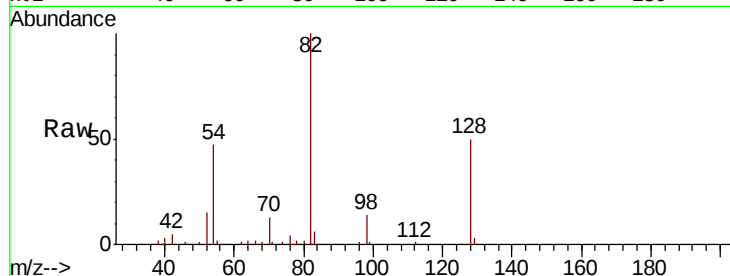




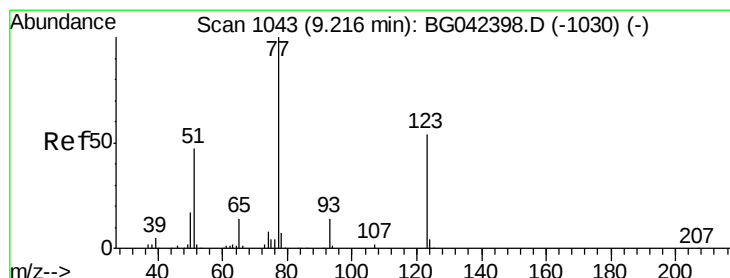
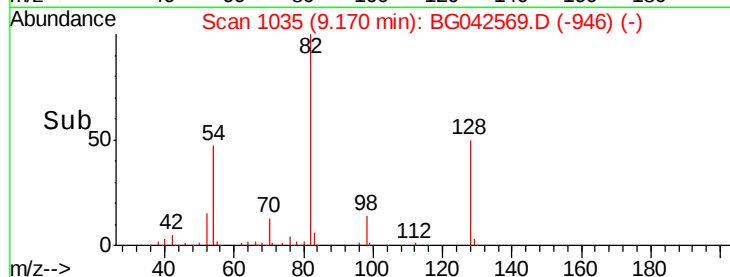
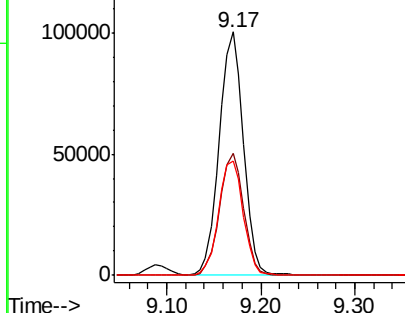
#23
 Nitrobenzene-d5
 Concen: 82.836 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	181601
Ion Ratio	Lower	Upper	
82	100		
128	50.0	40.7	61.1
54	46.8	36.3	54.5

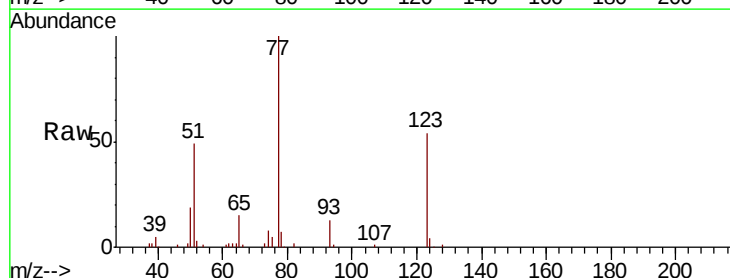


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

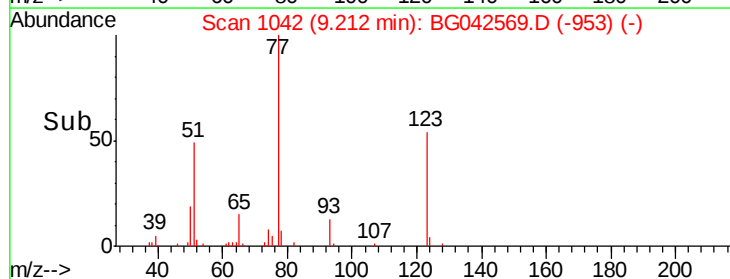
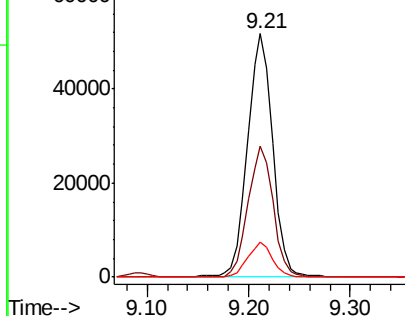


#24
 Nitrobenzene
 Concen: 40.168 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion	77	Resp	89173
Ion Ratio	Lower	Upper	
77	100		
123	53.9	43.4	65.0
65	14.6	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.517 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampleId :

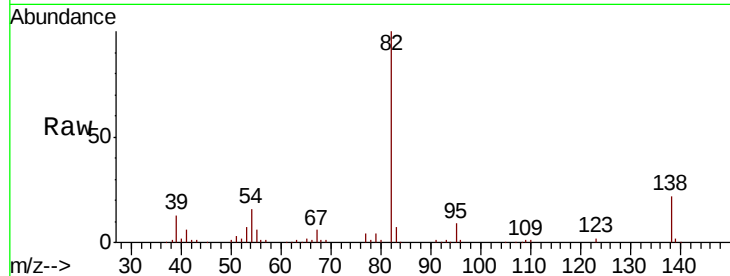
Tot Ion: 82 Resp: 170973

Ion Ratio Lower Upper

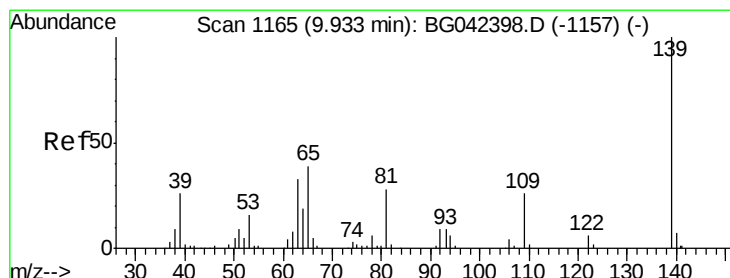
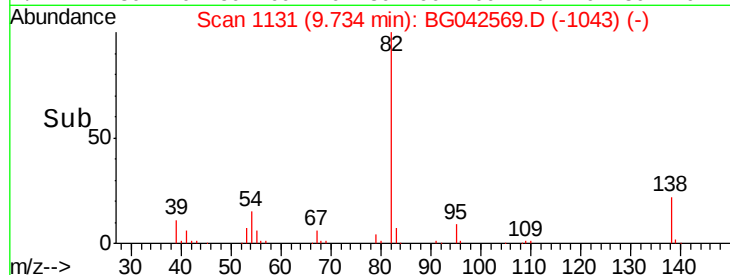
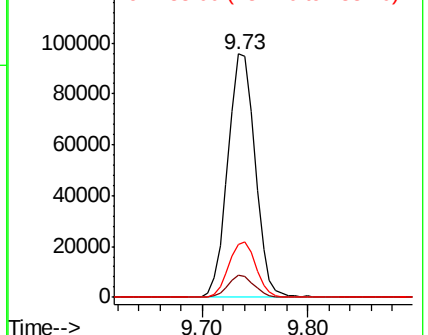
82 100

95 8.9 6.6 9.8

138 22.0 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: 40.771 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

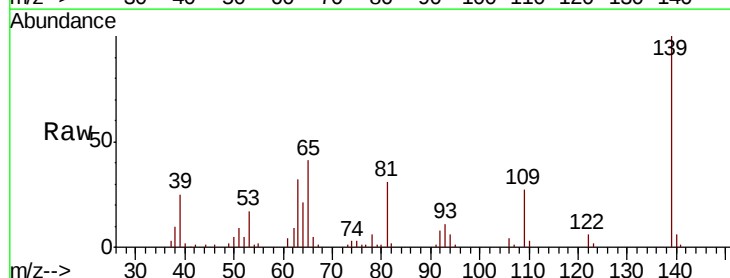
Tgt Ion: 139 Resp: 56720

Ion Ratio Lower Upper

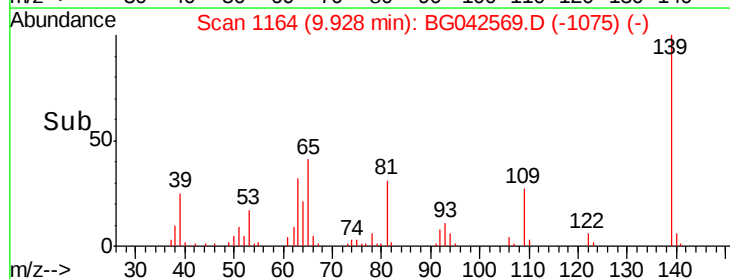
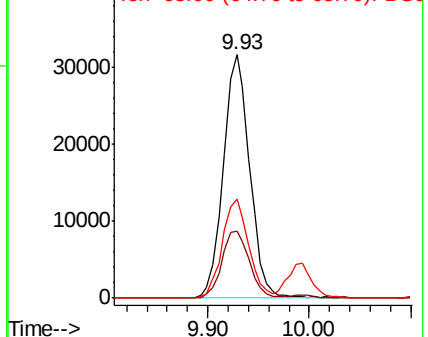
139 100

109 27.4 20.5 30.7

65 40.5 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

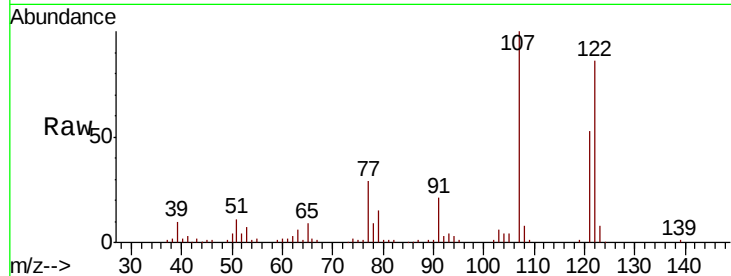




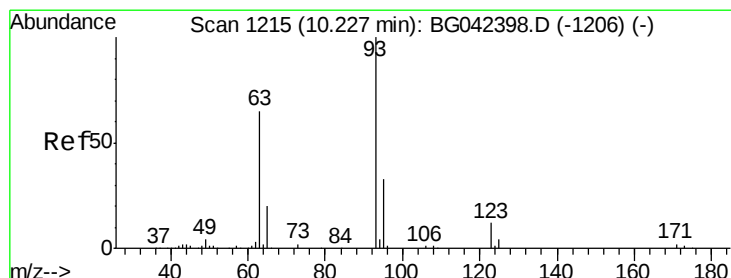
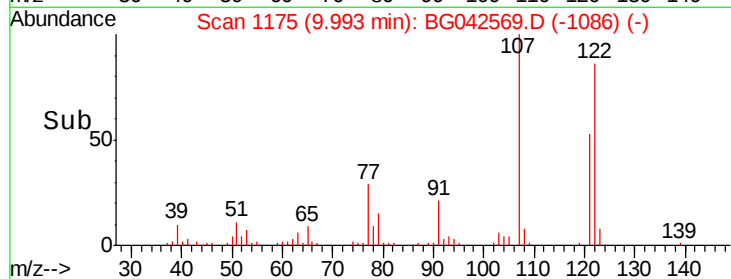
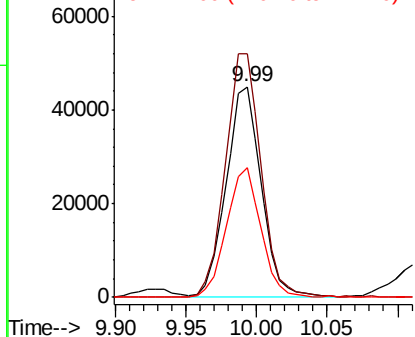
#27
 2,4-Dimethylphenol
 Concen: 40.268 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 77169
 Ion Ratio Lower Upper
 122 100
 107 115.7 90.8 136.2
 121 61.5 49.6 74.4

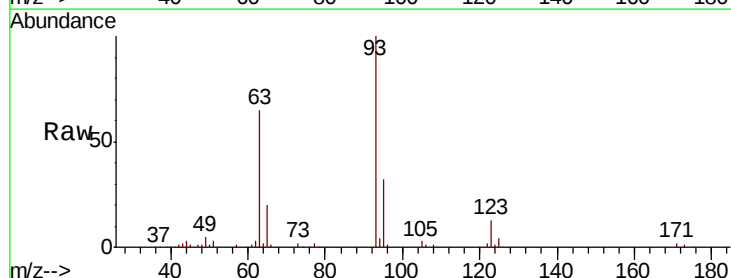


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

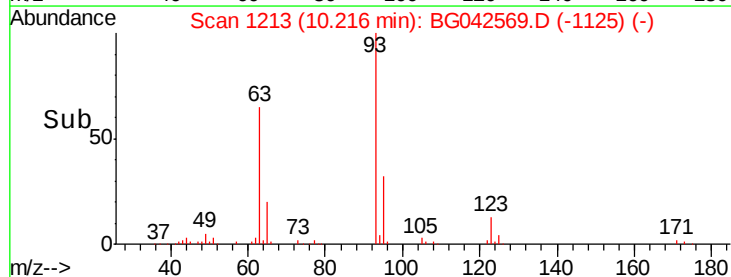
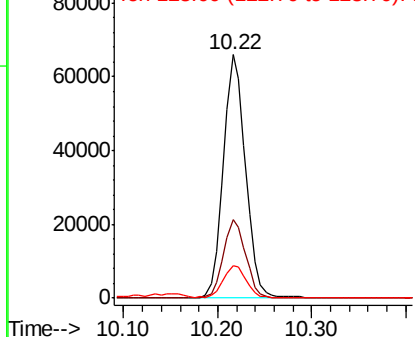


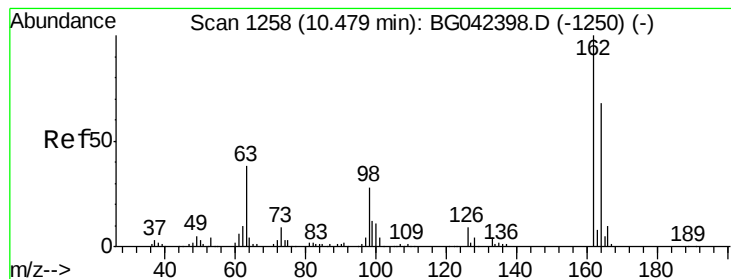
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.815 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion: 93 Resp: 108572
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.6 40.0
 123 13.1 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: 42.118 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampleId :

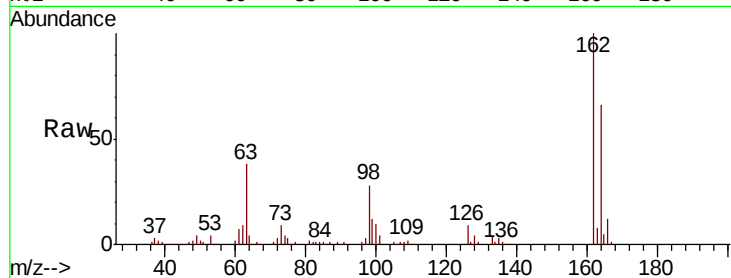
Tot Ion:162 Resp: 105602

Ion Ratio Lower Upper

162 100

164 66.2 48.1 88.1

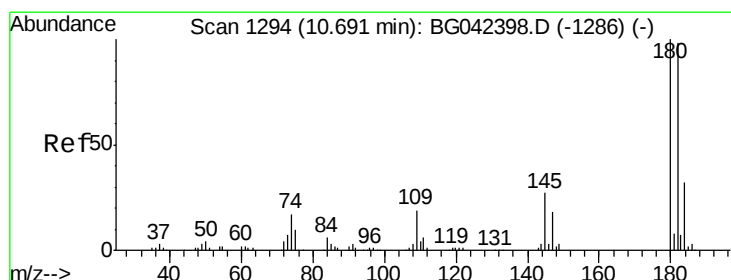
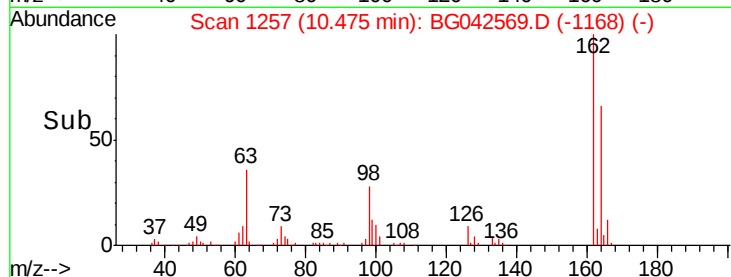
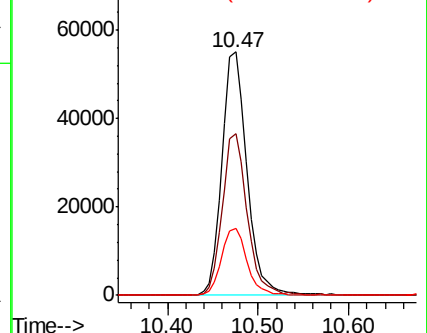
98 27.6 7.6 47.6



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): B



#30

1,2,4-Trichlorobenzene

Concen: 42.066 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

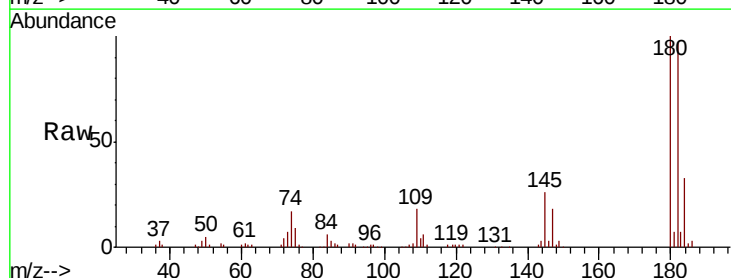
Tgt Ion:180 Resp: 129460

Ion Ratio Lower Upper

180 100

182 96.6 78.7 118.1

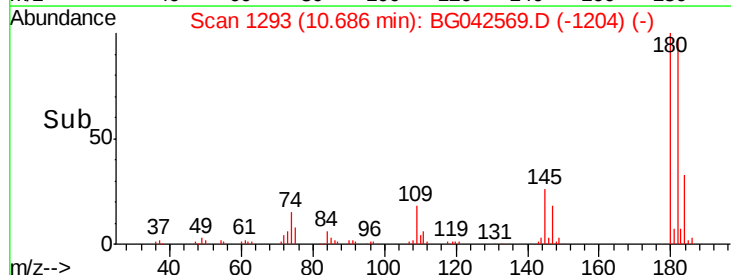
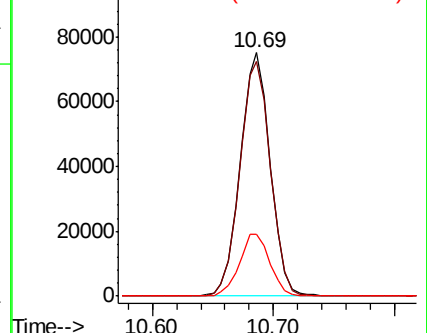
145 25.6 21.6 32.4

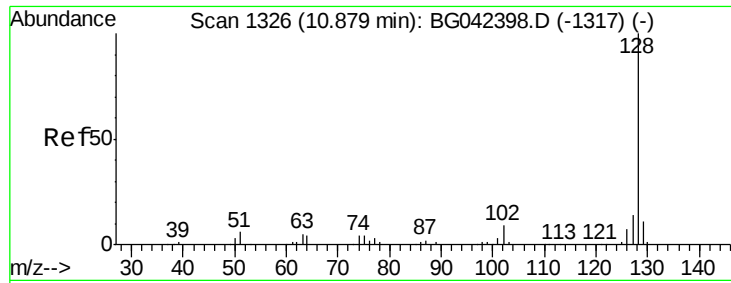


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

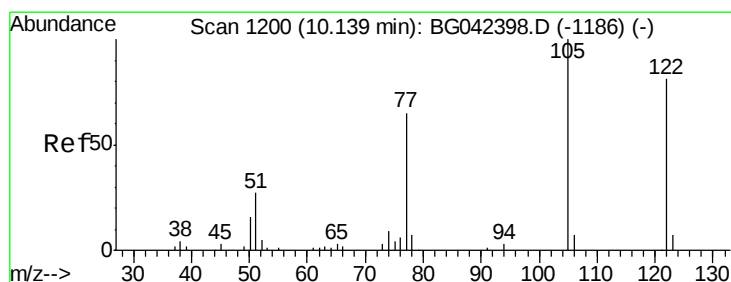
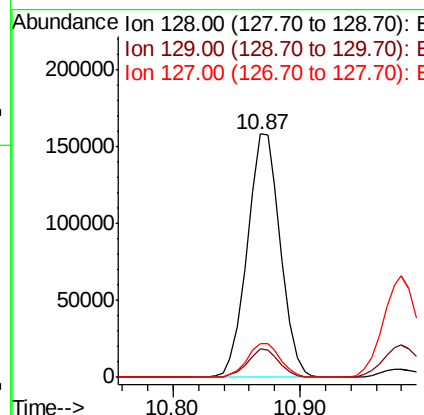
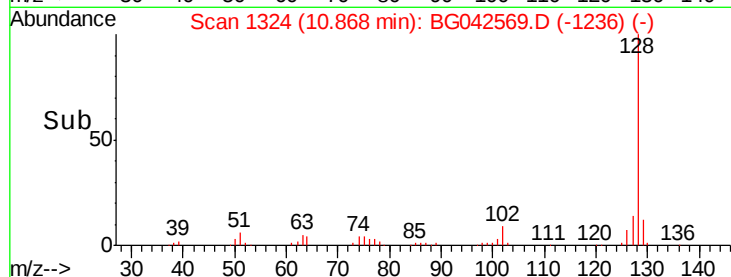
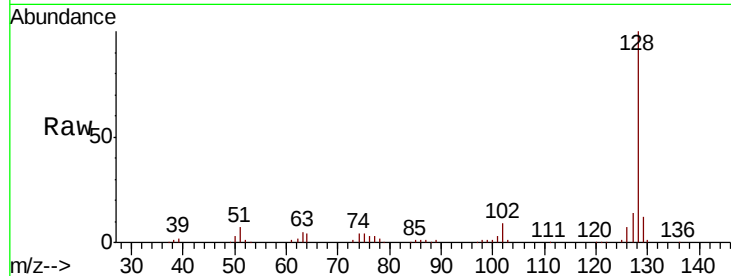




#31
Naphthalene
Concen: 40.579 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

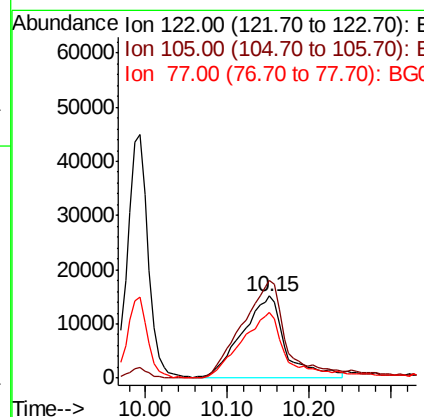
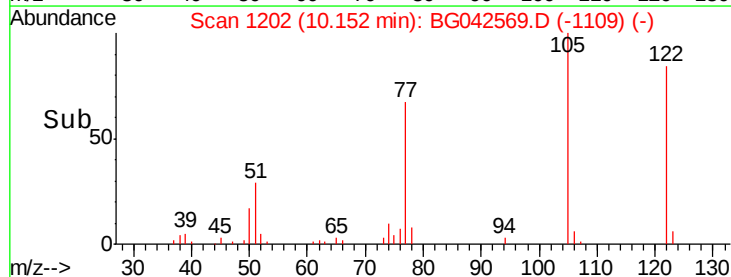
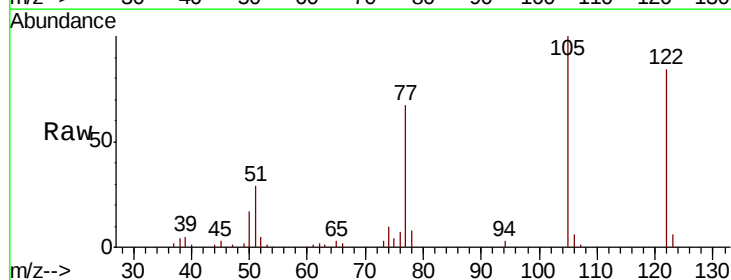
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 285412
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 40.672 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion:122 Resp: 54476
Ion Ratio Lower Upper
122 100
105 119.6 99.6 139.6
77 79.6 59.5 99.5

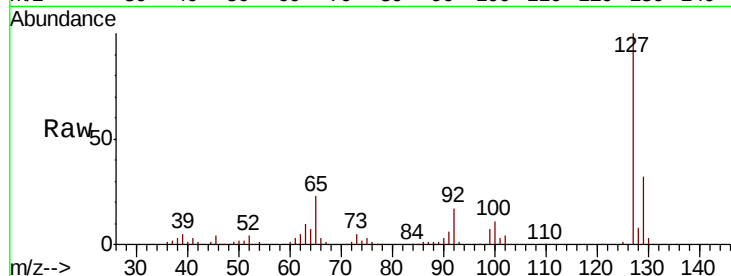




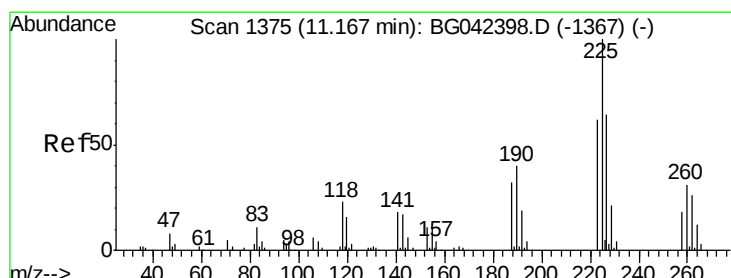
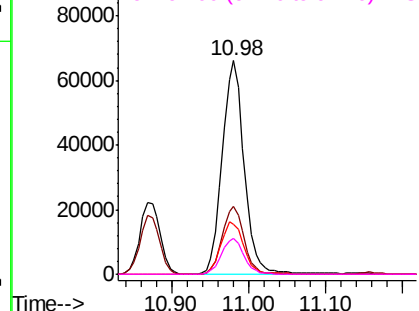
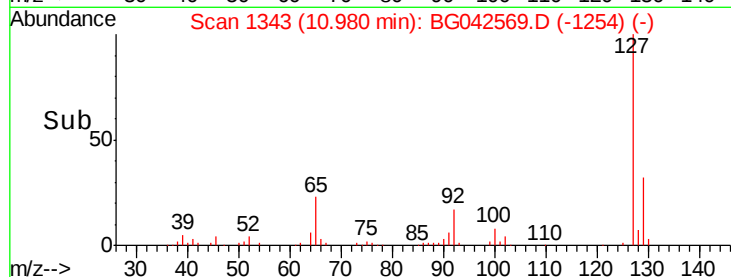
#33
4-Chloroaniline
Concen: 40.268 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	130747
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.8	40.2
65	23.2	20.7	31.1
92	16.5	13.6	20.4

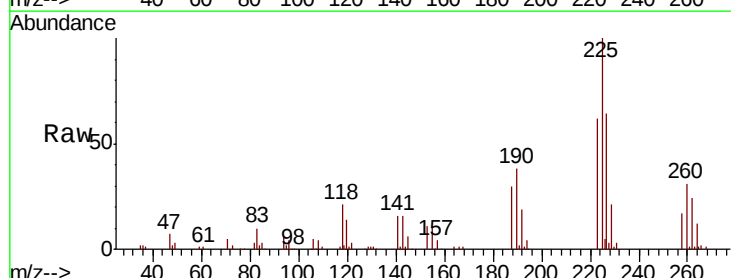


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

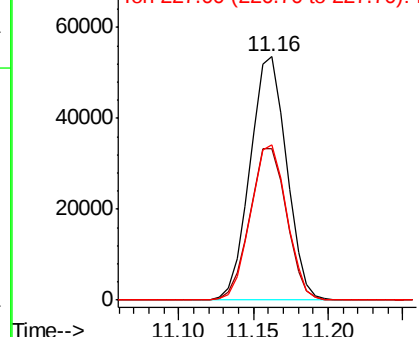
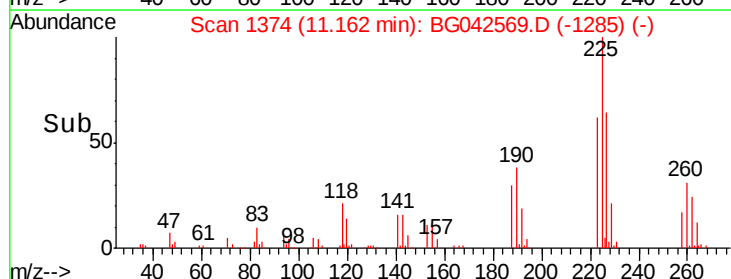


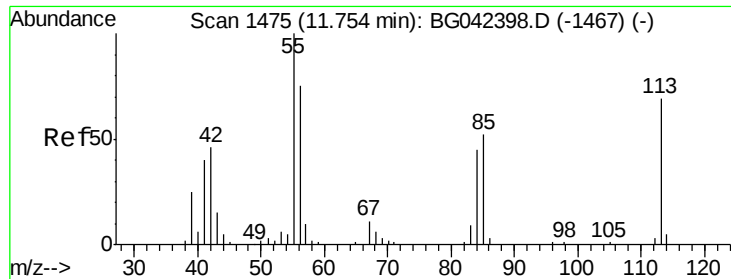
#34
Hexachlorobutadiene
Concen: 43.708 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion:	225	Resp:	90402
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.6
227	63.7	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

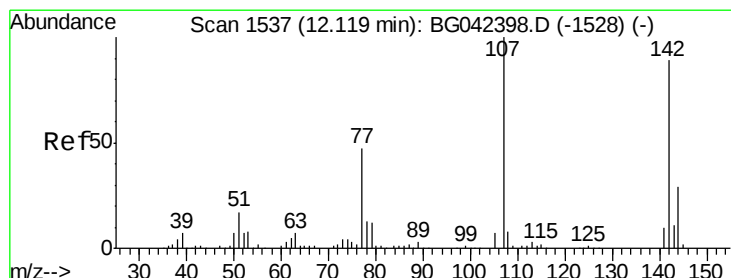
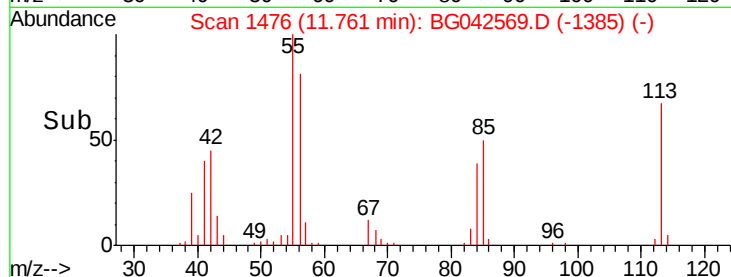
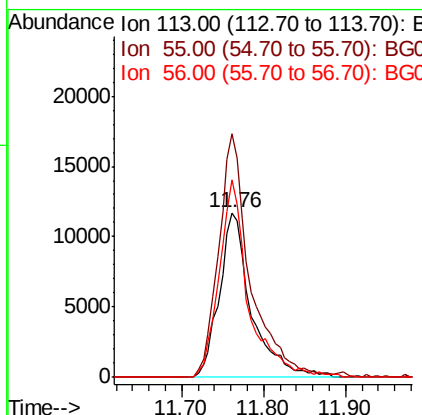
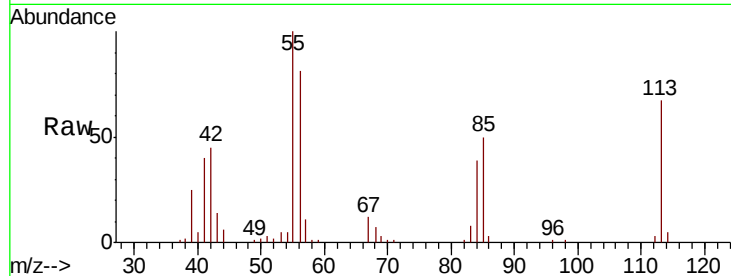




#35
 Caprolactam
 Concen: 38.054 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

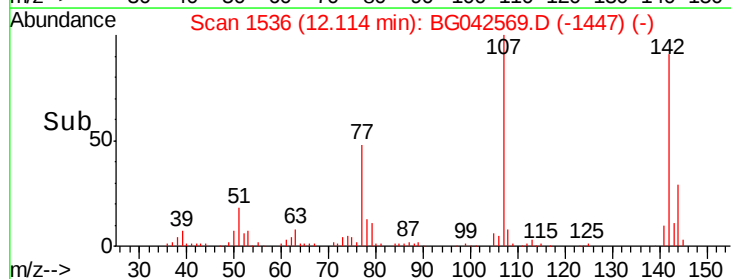
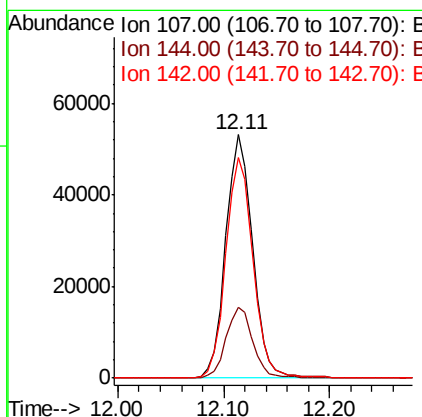
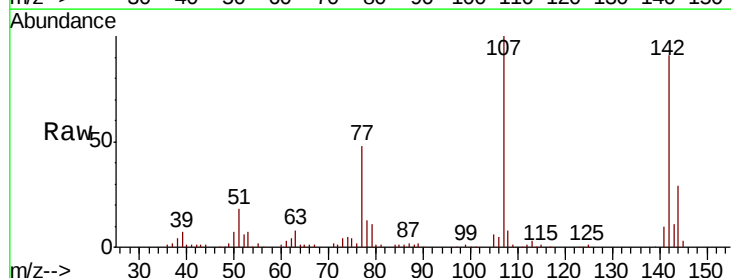
Instrument :
 BNA_G
 ClientSampled :

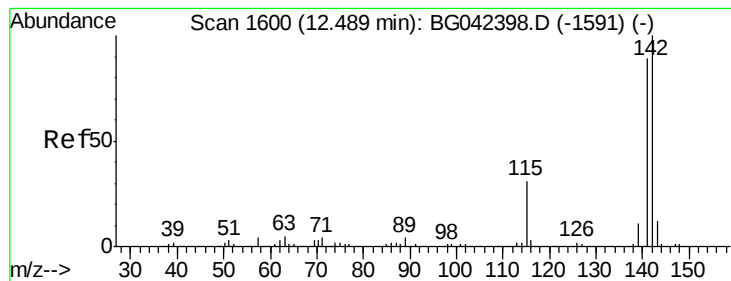
Tot Ion:113 Resp: 31837
 Ion Ratio Lower Upper
 113 100
 55 148.2 124.6 164.6
 56 120.5 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.340 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion:107 Resp: 93635
 Ion Ratio Lower Upper
 107 100
 144 29.3 23.6 35.4
 142 90.6 71.0 106.4





#37

2-Methylnaphthalene

Concen: 40.969 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampleId :

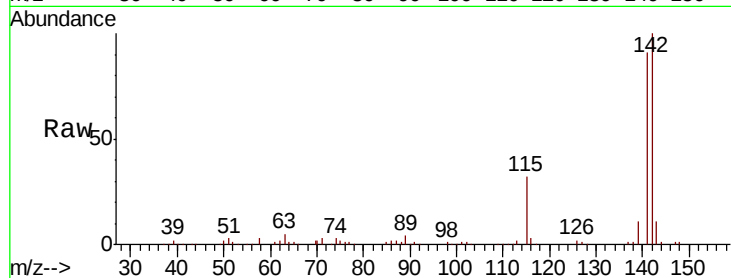
Tot Ion:142 Resp: 231380

Ion Ratio Lower Upper

142 100

141 91.1 71.4 107.2

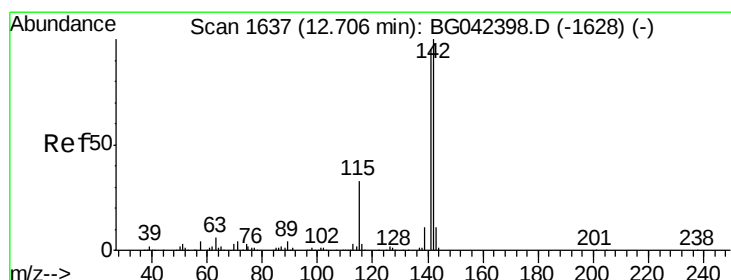
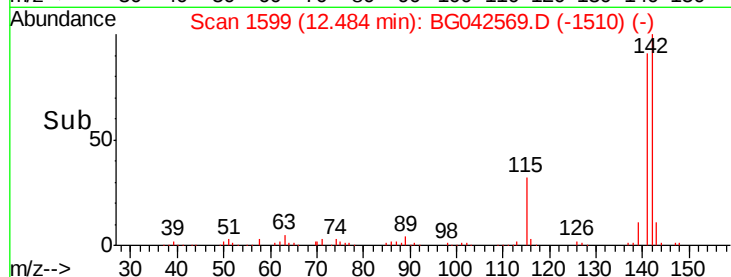
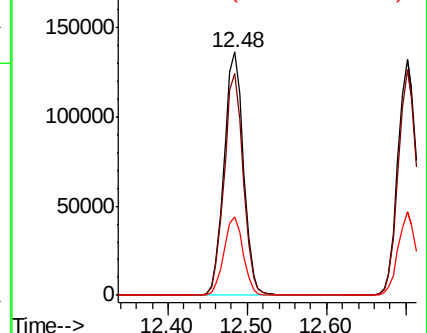
115 32.4 25.2 37.8



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: 40.498 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

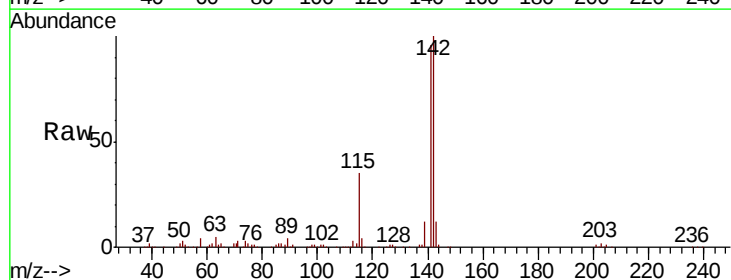
Tgt Ion:142 Resp: 217250

Ion Ratio Lower Upper

142 100

141 95.6 76.2 114.2

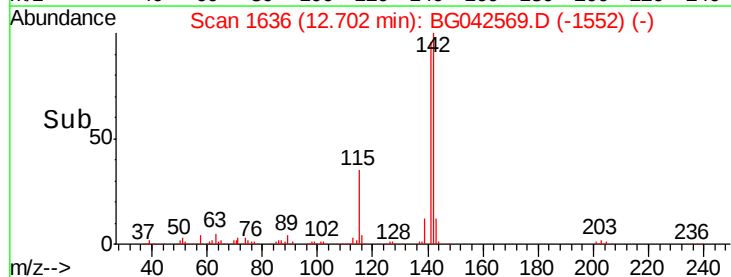
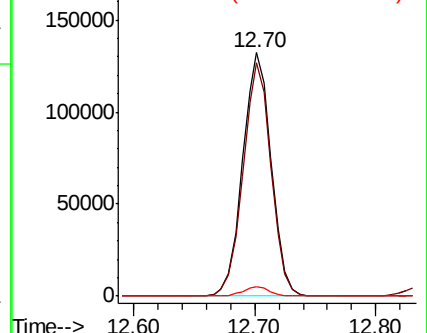
116 3.7 2.8 4.2

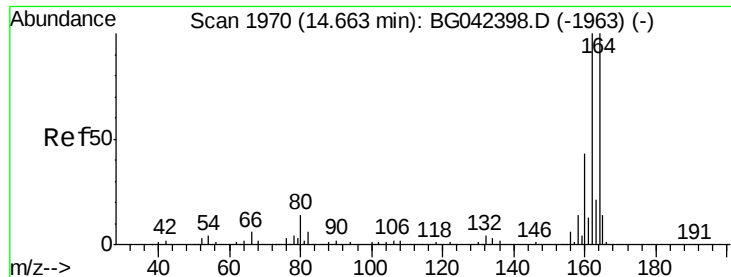


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1970

Delta R.T. 0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampleId :

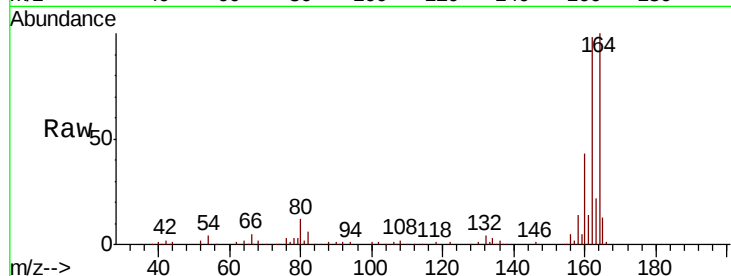
Tot Ion:164 Resp: 112942

Ion Ratio Lower Upper

164 100

162 98.0 79.9 119.9

160 42.6 34.3 51.5

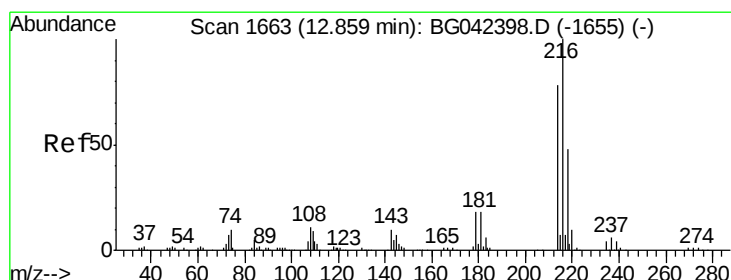
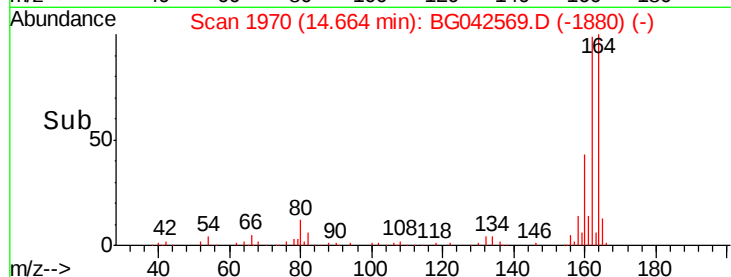
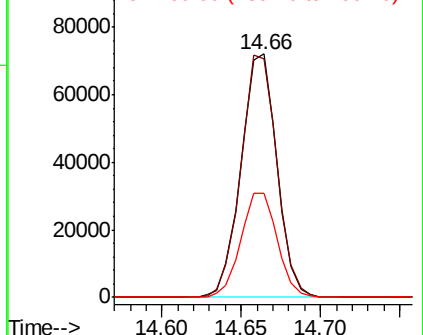


Abundance

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: 43.240 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Tgt Ion:216 Resp: 156832

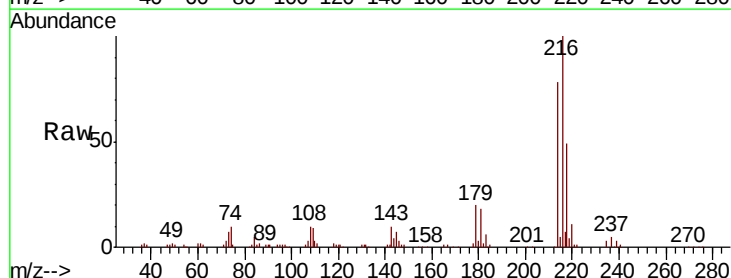
Ion Ratio Lower Upper

216 100

214 76.6 61.4 92.2

179 18.4 15.1 22.7

108 11.1 9.4 14.0



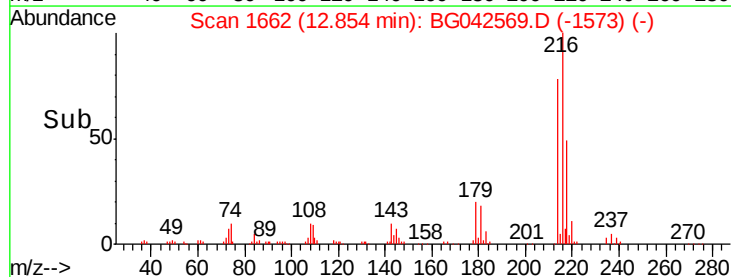
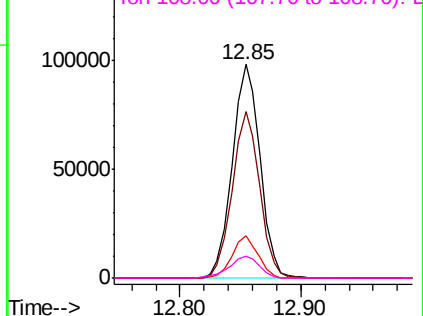
Abundance

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: 34.873 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampled :

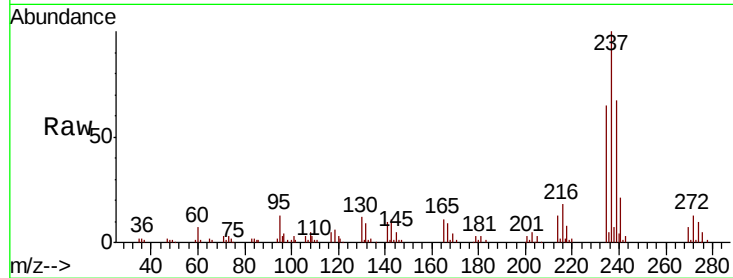
Tot Ion:237 Resp: 66441

Ion Ratio Lower Upper

237 100

235 64.7 43.7 83.7

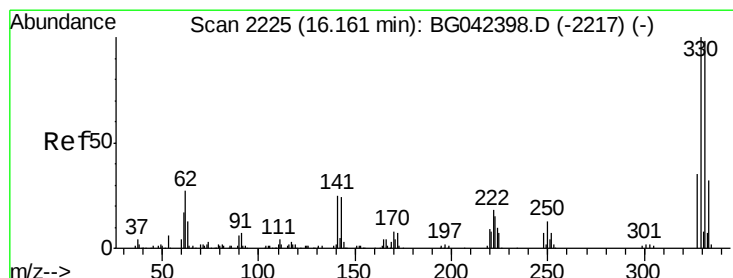
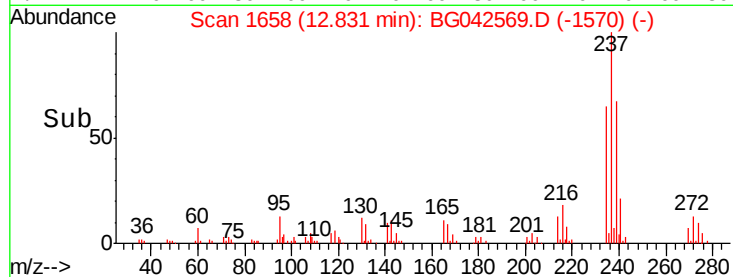
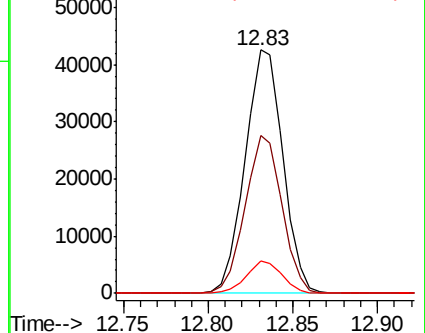
272 13.4 0.0 33.3



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: 81.788 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

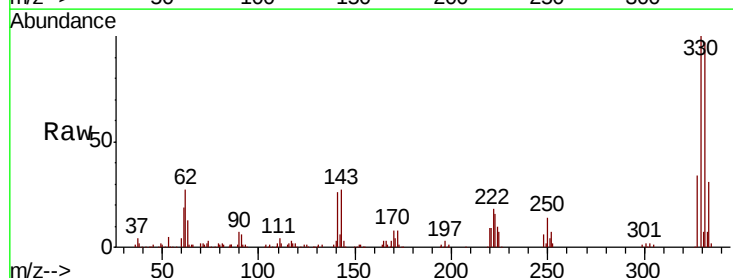
Tgt Ion:330 Resp: 131293

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

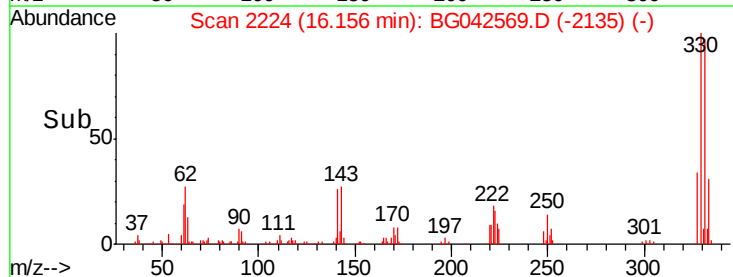
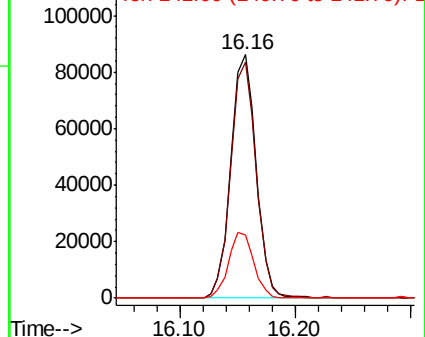
141 26.6 21.4 32.0



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

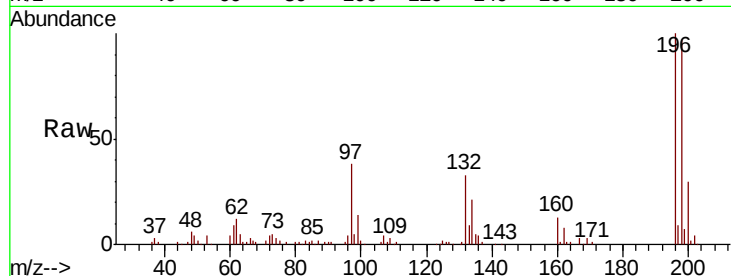




#43
 2,4,6-Trichlorophenol
 Concen: 41.420 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	101544
Ion Ratio	Lower	Upper	
196	100		
198	96.9	80.7	121.1
200	30.1	25.7	38.5

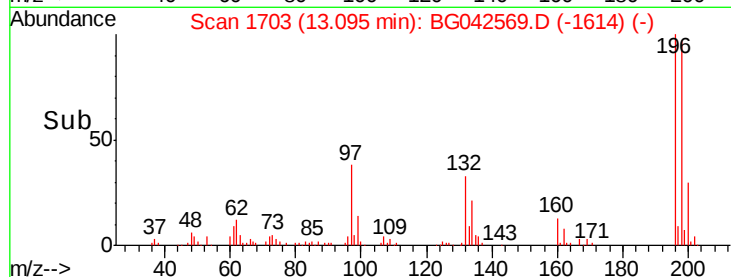
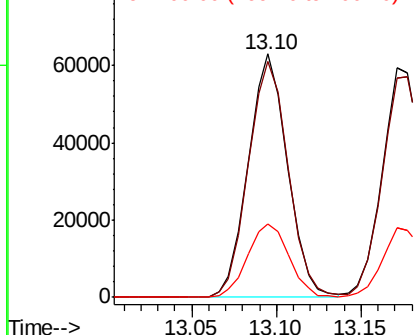


Abundance

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: 41.379 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion	196	Resp	105125
Ion Ratio	Lower	Upper	
196	100		
198	95.4	80.2	120.4
97	33.8	26.3	39.5
132	22.2	16.6	24.8

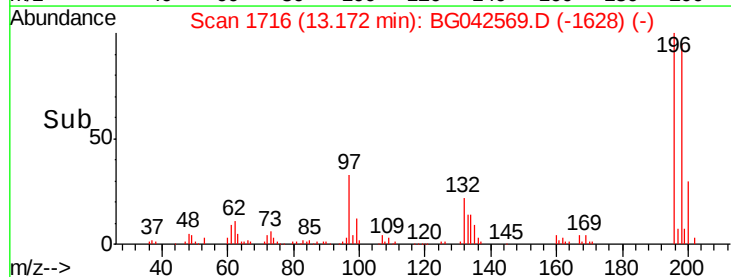
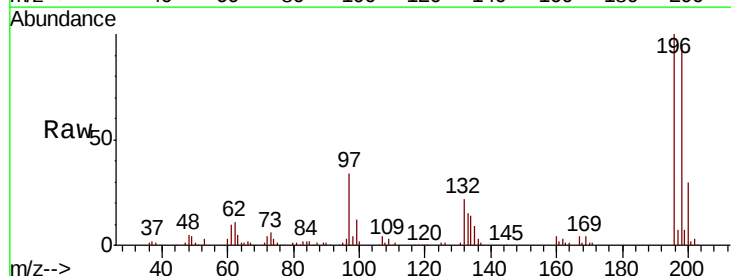
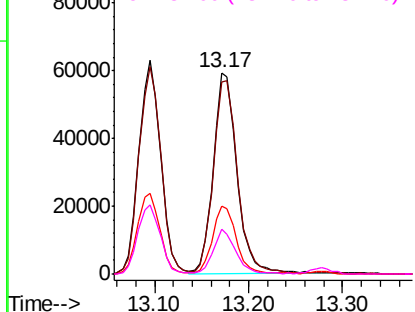
Abundance

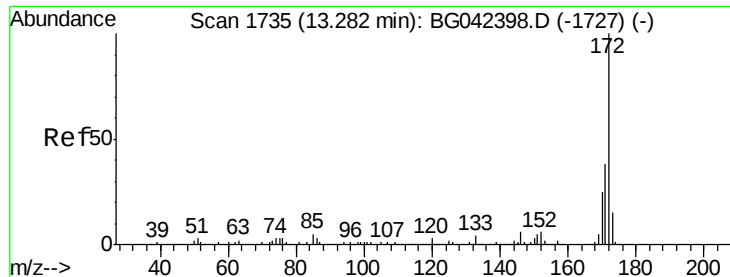
Ion 196.00 (195.70 to 196.70): E

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

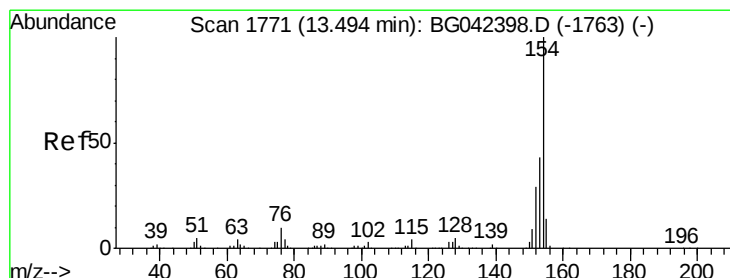
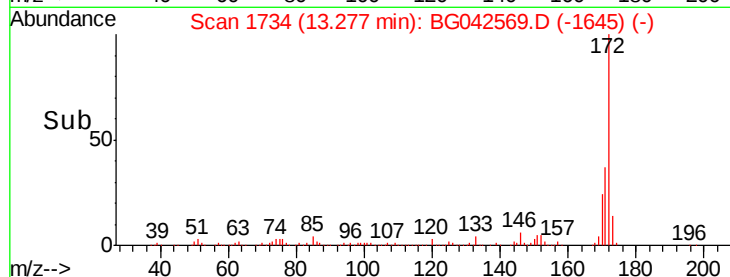
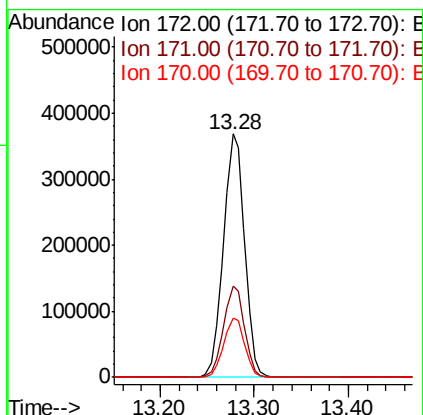
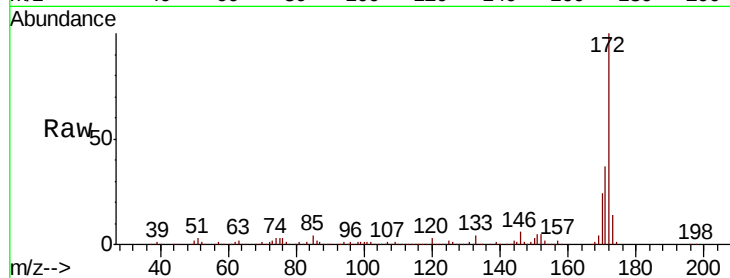




#45
 2-Fluorobiphenyl
 Concen: 86.203 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

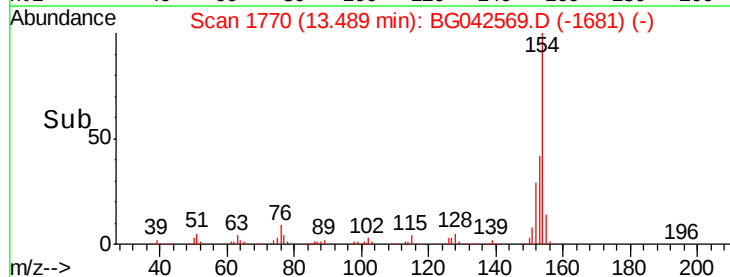
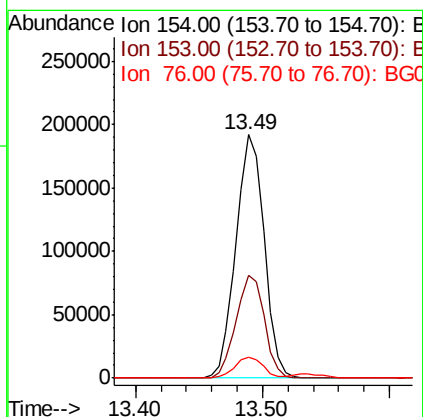
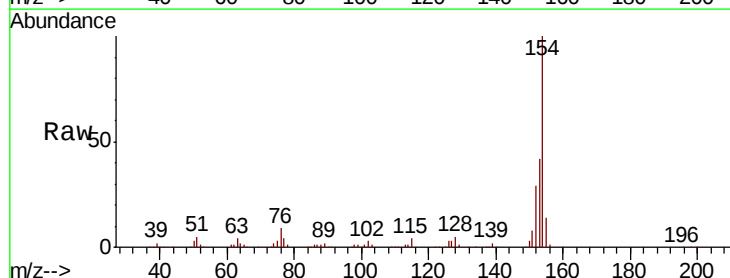
Instrument :
 BNA_G
 ClientSampleId :

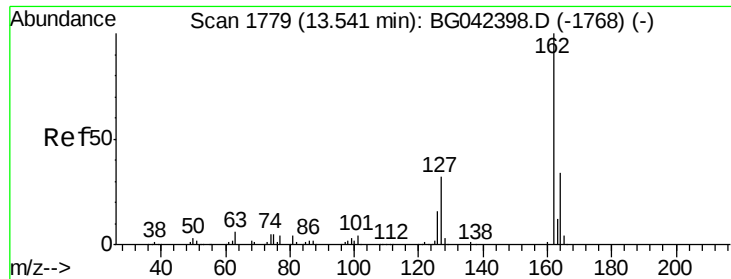
Tot Ion:172 Resp: 575653
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 24.2 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.534 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion:154 Resp: 295922
 Ion Ratio Lower Upper
 154 100
 153 42.0 23.0 63.0
 76 8.8 0.0 29.6

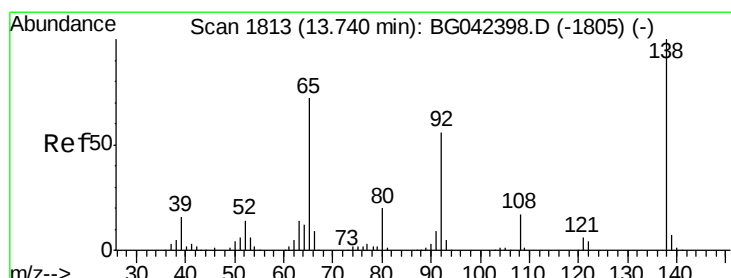
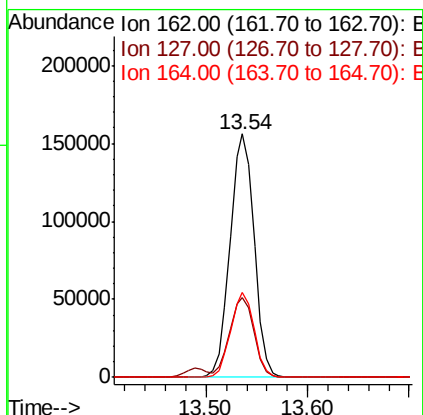
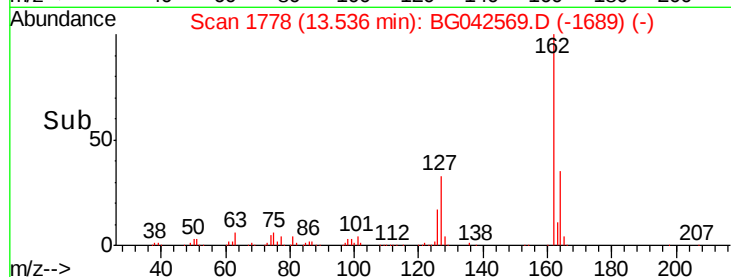
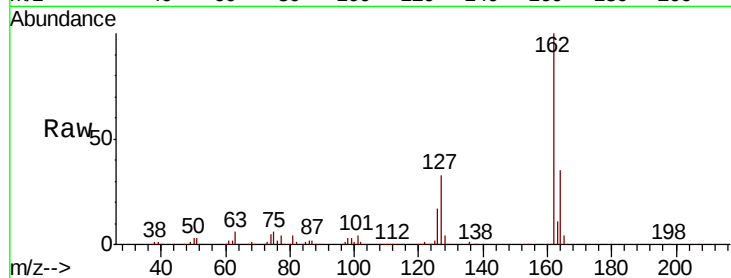




#47
2-Chloronaphthalene
Concen: 40.742 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

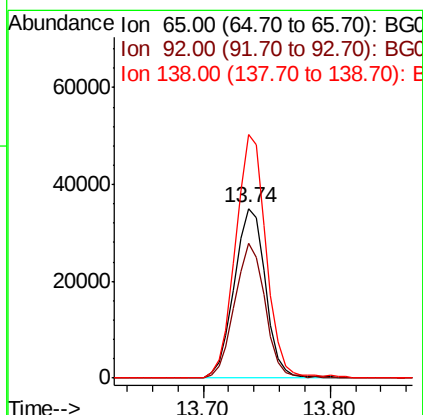
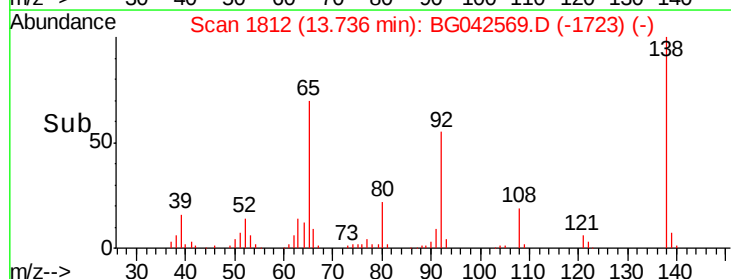
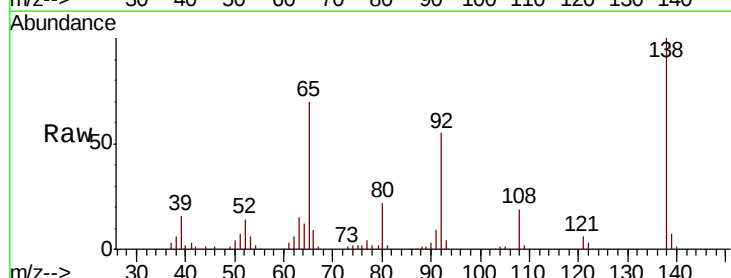
Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 256474
Ion Ratio Lower Upper
162 100
127 33.0 26.0 39.0
164 34.8 27.4 41.0



#48
2-Nitroaniline
Concen: 39.390 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion: 65 Resp: 59794
Ion Ratio Lower Upper
65 100
92 79.5 61.8 92.6
138 143.7 111.0 166.6





#49

Acenaphthylene

Concen: 40.661 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampleId :

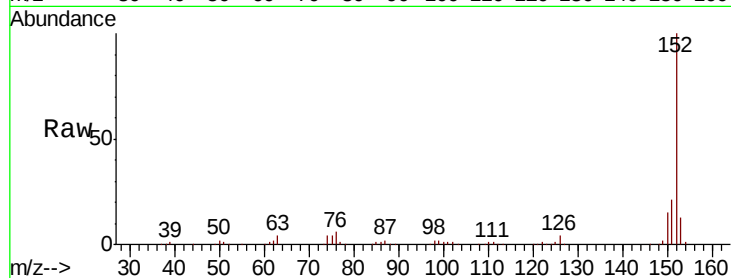
Tot Ion:152 Resp: 385090

Ion Ratio Lower Upper

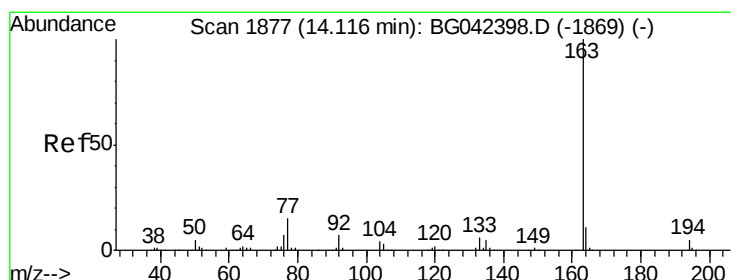
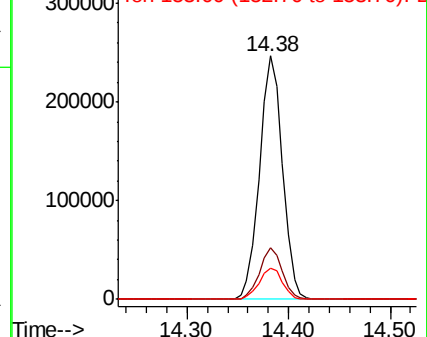
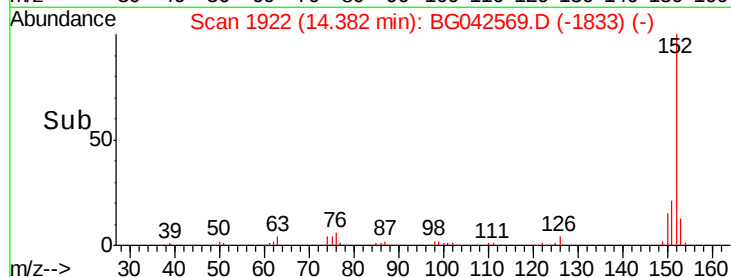
152 100

151 21.1 17.0 25.4

153 13.0 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: 41.173 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

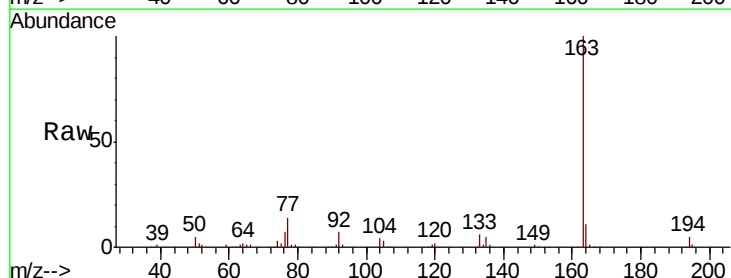
Tgt Ion:163 Resp: 335523

Ion Ratio Lower Upper

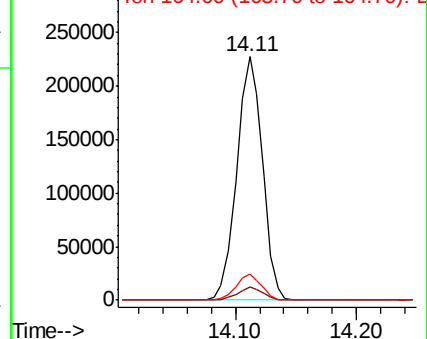
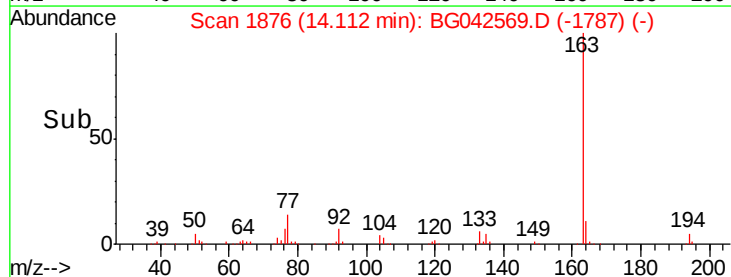
163 100

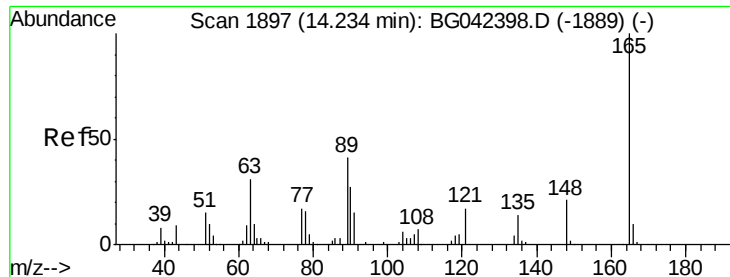
194 5.3 4.2 6.2

164 10.5 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: 40.289 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampleId :

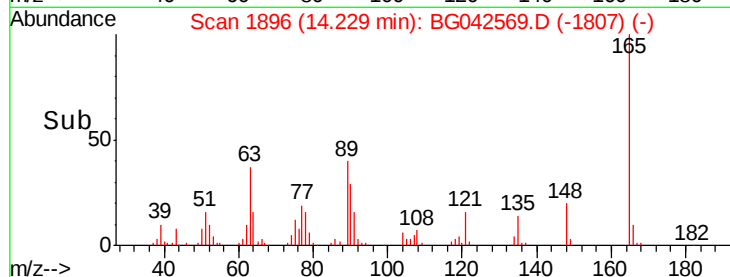
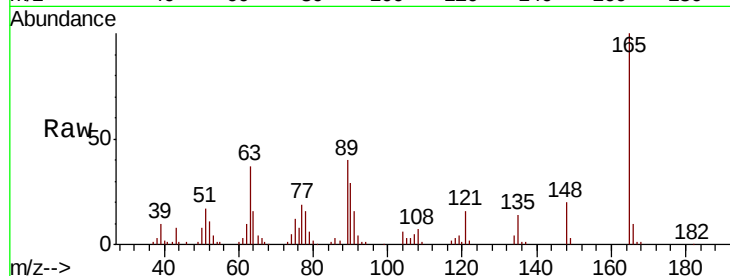
Tot Ion:165 Resp: 76102

Ion Ratio Lower Upper

165 100

63 37.1 30.6 45.8

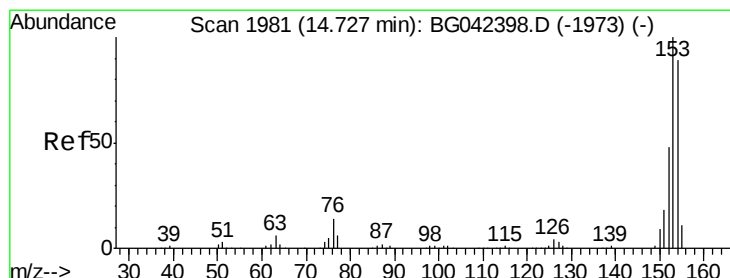
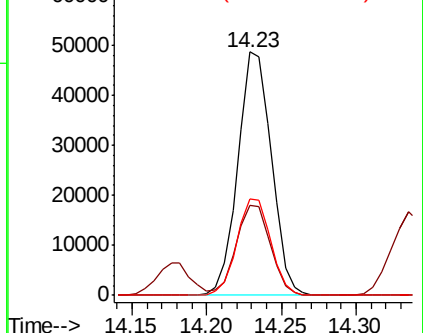
89 39.7 32.6 49.0



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: 39.841 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

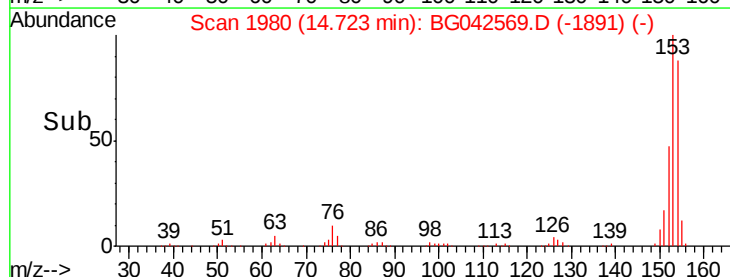
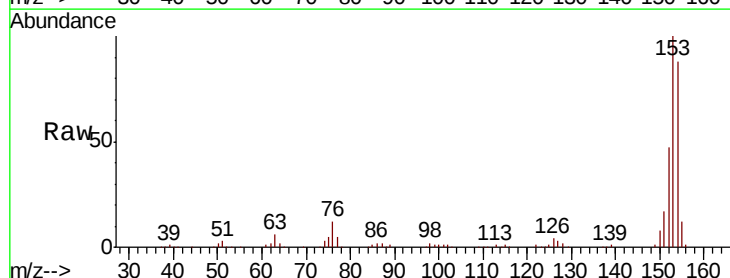
Tgt Ion:154 Resp: 229117

Ion Ratio Lower Upper

154 100

153 114.2 90.2 135.4

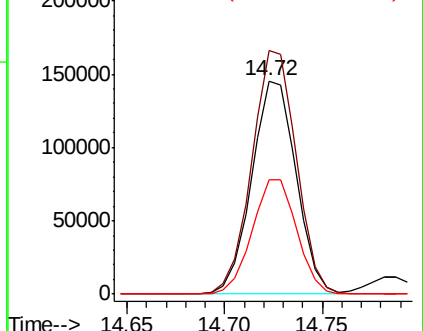
152 53.9 43.2 64.8



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

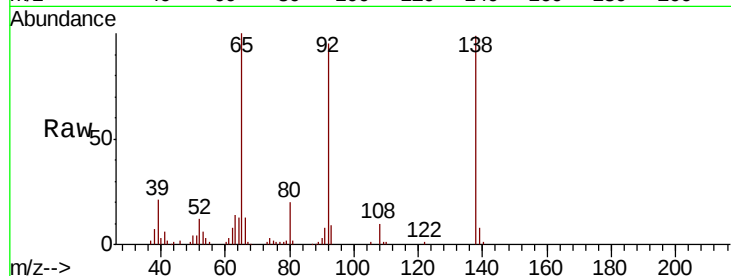




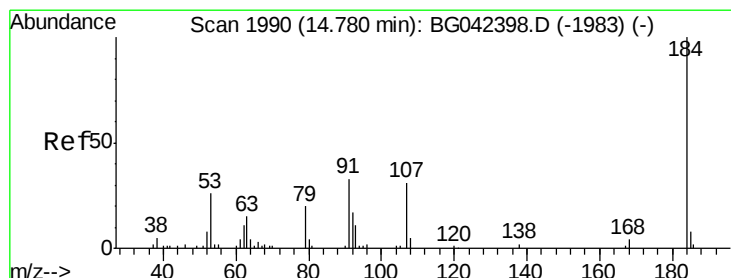
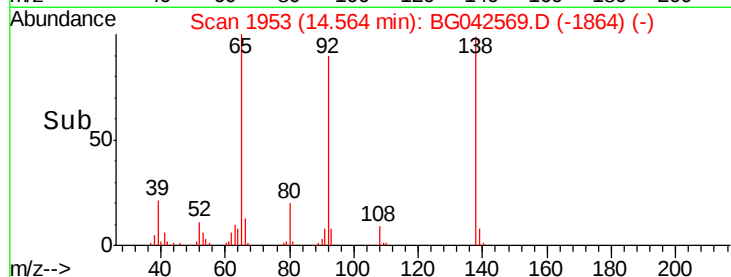
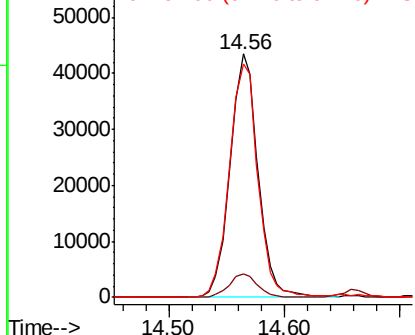
#53
3-Nitroaniline
Concen: 38.555 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 72834
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 96.1 78.2 117.4

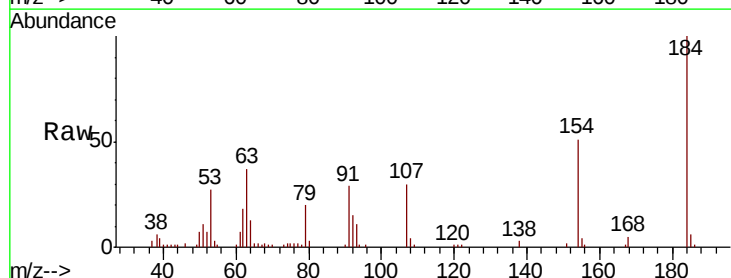


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

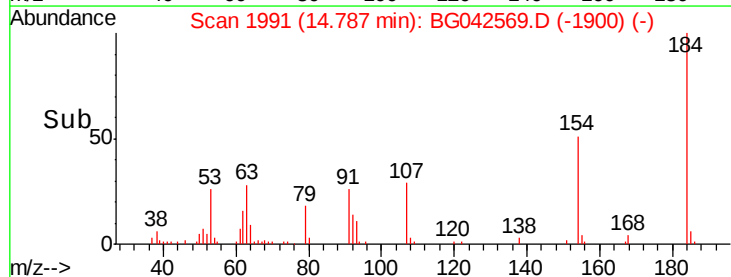
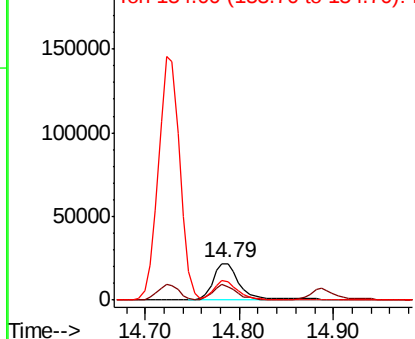


#54
2,4-Dinitrophenol
Concen: 37.994 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion:184 Resp: 43837
Ion Ratio Lower Upper
184 100
63 37.1 31.7 47.5
154 51.1 42.0 63.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.090 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampleId :

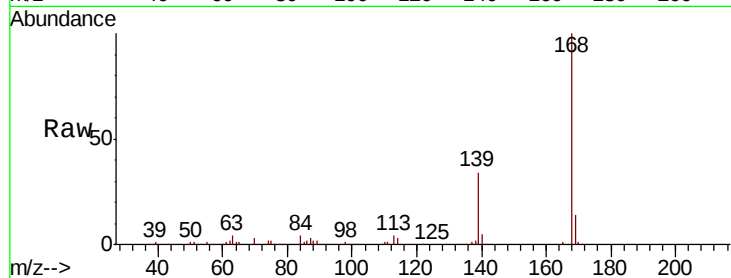
Tot Ion:168 Resp: 391145

Ion Ratio Lower Upper

168 100

139 34.2 27.2 40.8

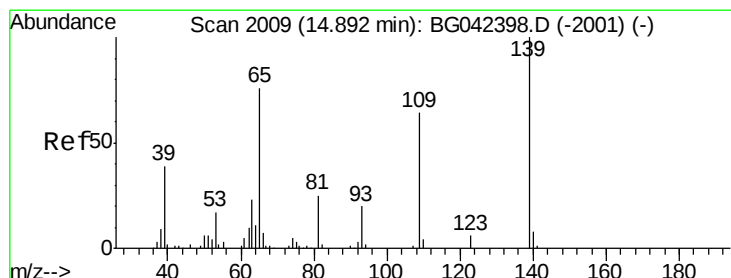
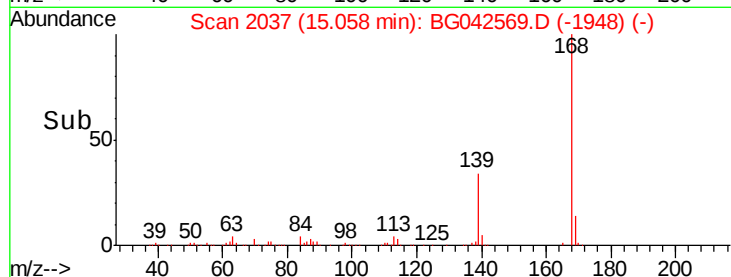
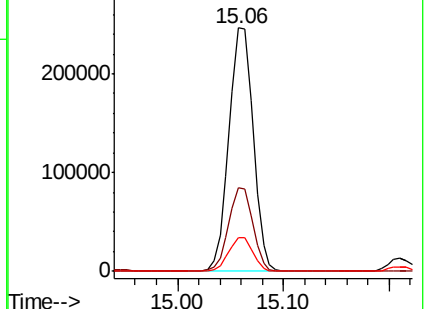
169 13.8 11.5 17.3



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: 38.921 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

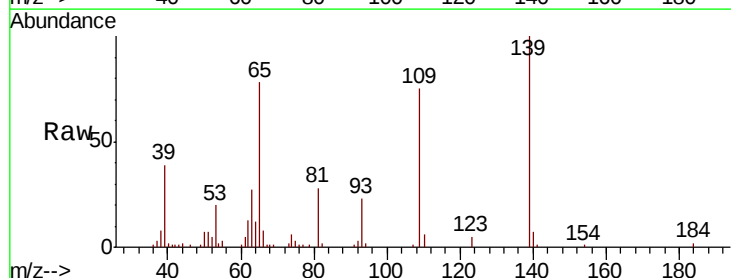
Tgt Ion:139 Resp: 52245

Ion Ratio Lower Upper

139 100

109 74.8 43.9 83.9

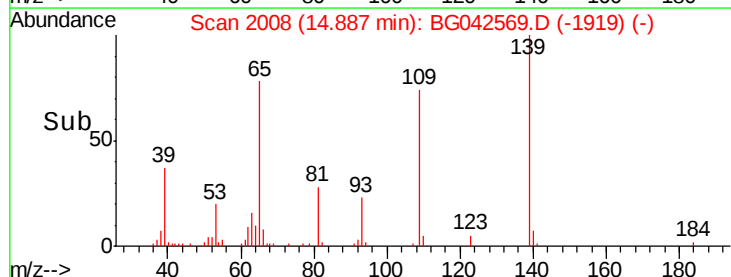
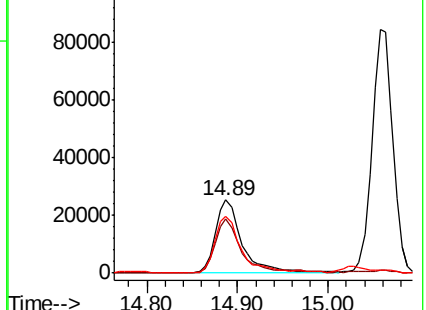
65 78.4 56.3 96.3

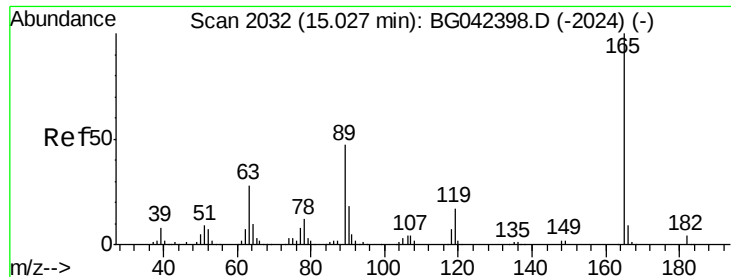


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

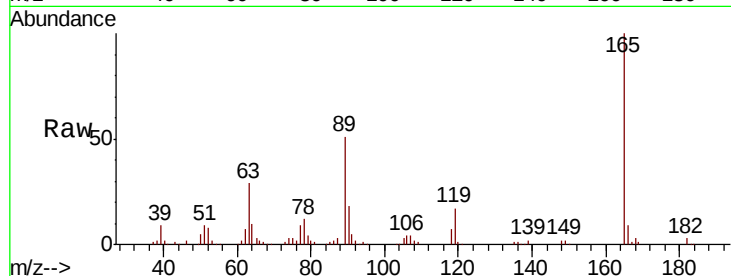




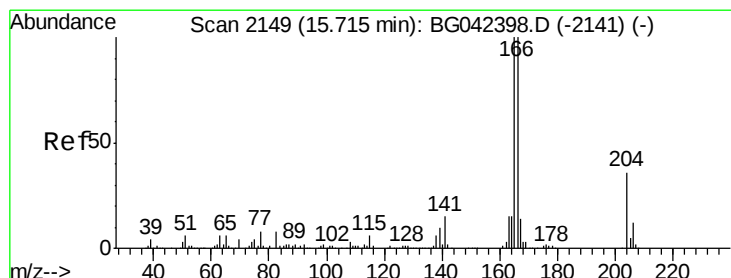
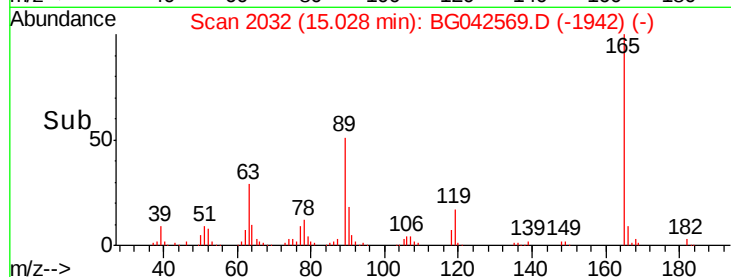
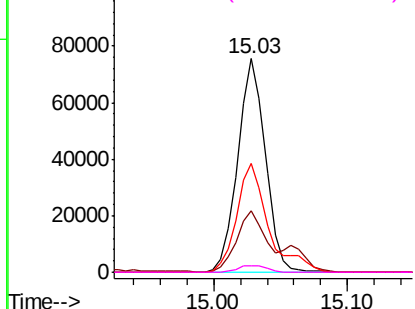
#57
 2,4-Dinitrotoluene
 Concen: 40.071 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	108388
Ion Ratio	Lower	Upper
165	100	
63	28.6	22.5 33.7
89	51.0	37.8 56.6
182	3.0	3.0 4.4

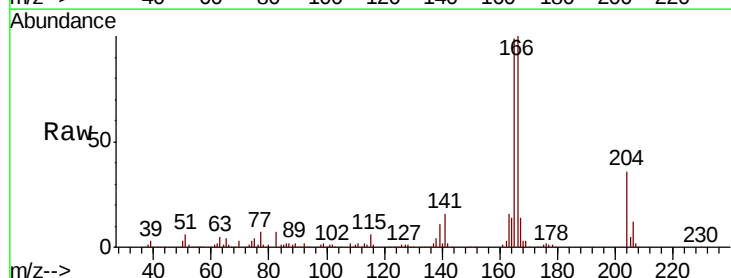


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

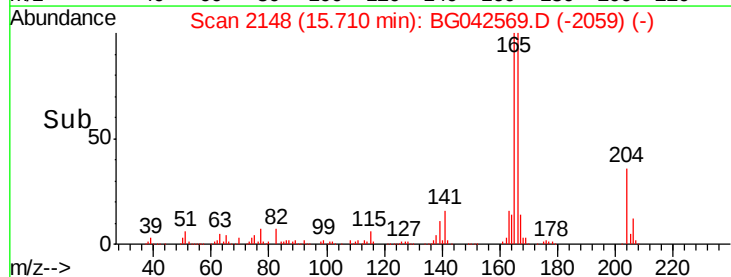
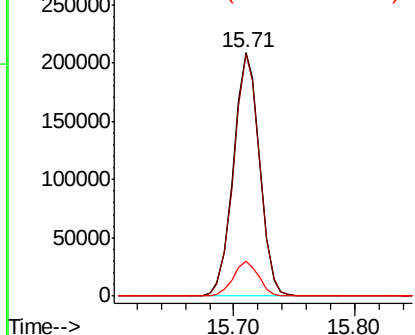


#58
 Fluorene
 Concen: 40.416 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion:166	Resp:	314498
Ion Ratio	Lower	Upper
166	100	
165	99.4	79.7 119.5
167	14.3	10.9 16.3



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

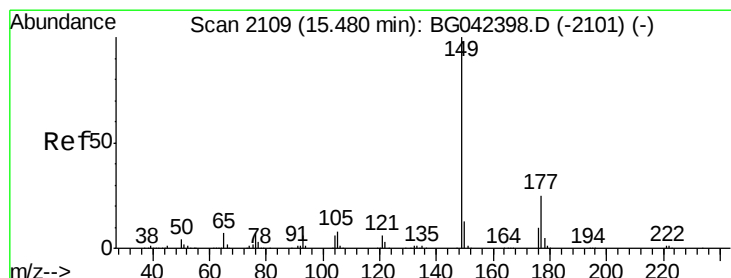
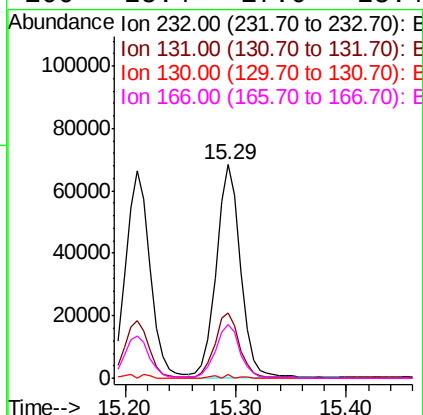
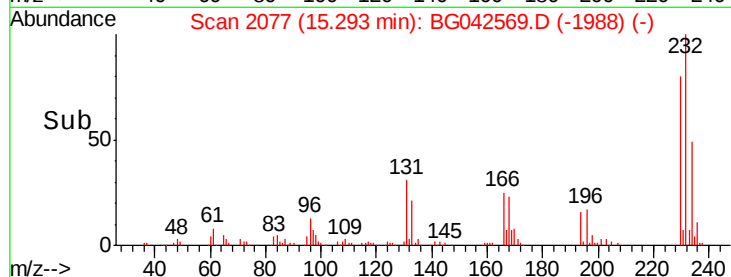
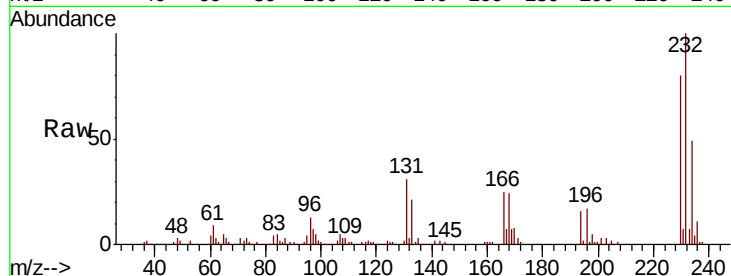




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.375 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

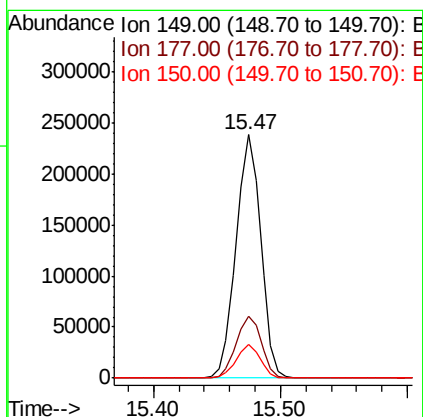
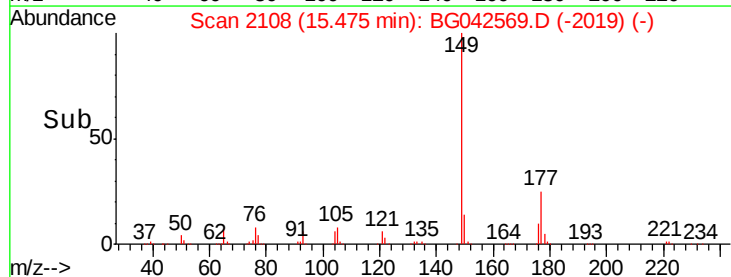
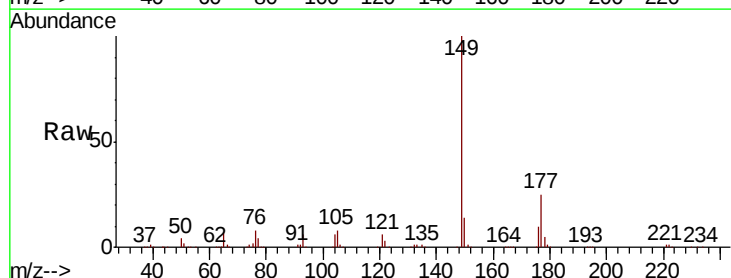
Instrument :
 BNA_G
 ClientSampleId :

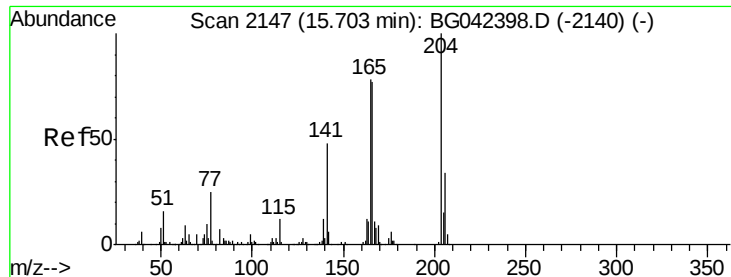
Tot Ion:	232	Resp:	103950
Ion	Ratio	Lower	Upper
232	100		
131	31.5	22.9	34.3
130	0.7	1.4	2.0
166	25.4	17.0	25.4



#60
 Diethylphthalate
 Concen: 40.274 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion:	149	Resp:	320835
Ion	Ratio	Lower	Upper
149	100		
177	25.4	20.4	30.6
150	13.7	10.3	15.5

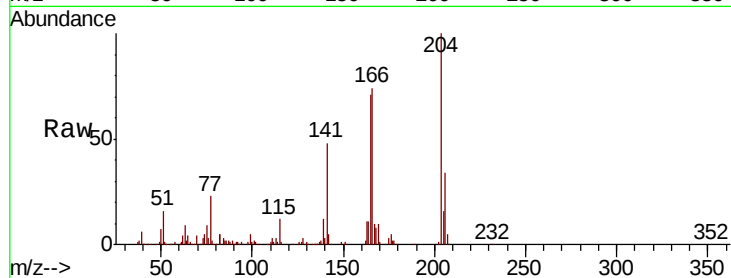




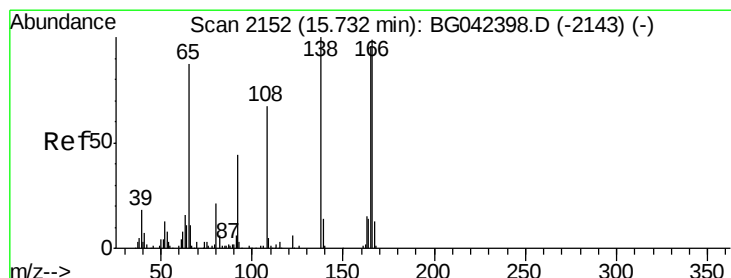
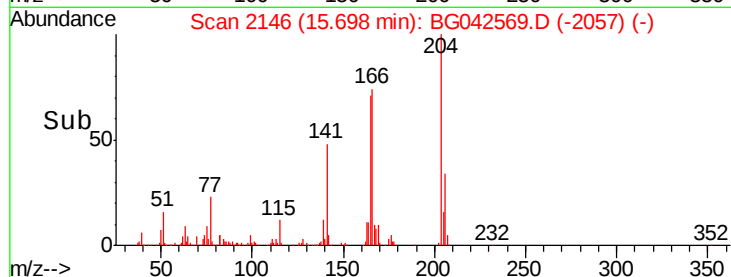
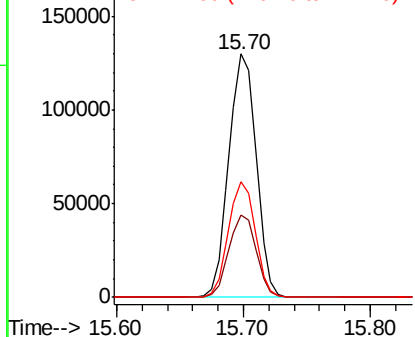
#61
4-Chlorophenyl-phenylether
Concen: 41.289 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 193678
Ion Ratio Lower Upper
204 100
206 33.8 27.2 40.8
141 47.6 38.7 58.1

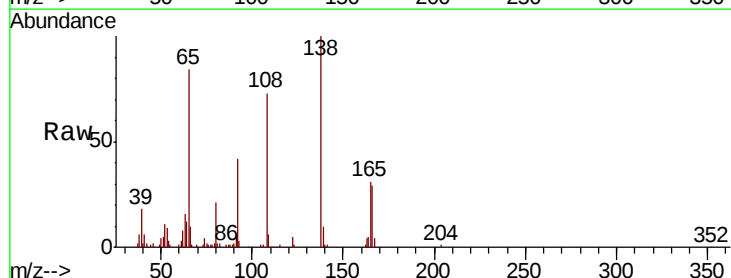


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

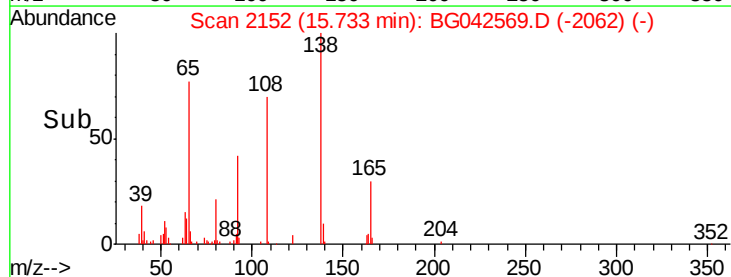
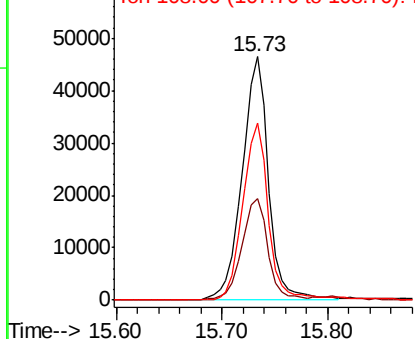


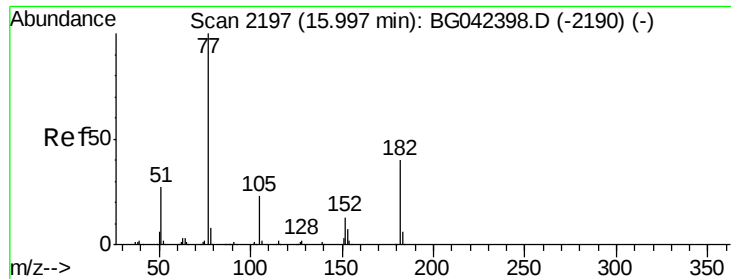
#62
4-Nitroaniline
Concen: 39.840 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion:138 Resp: 80549
Ion Ratio Lower Upper
138 100
92 41.8 24.2 64.2
108 72.8 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

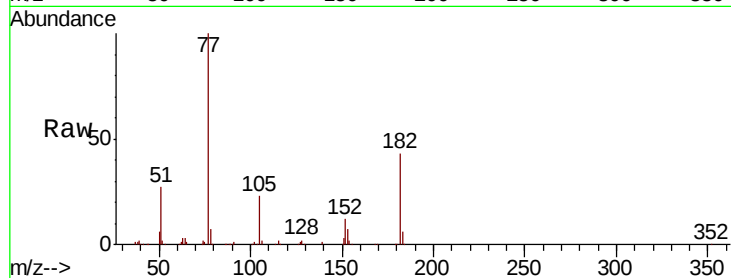




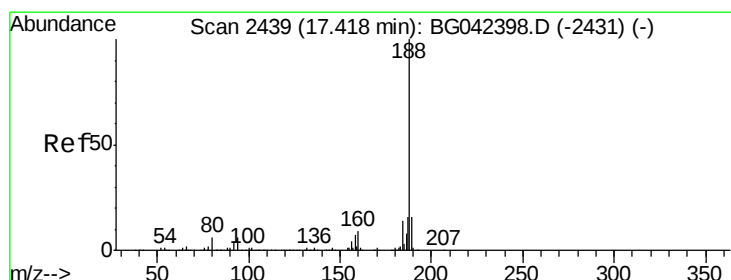
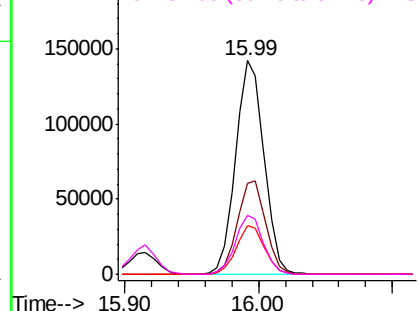
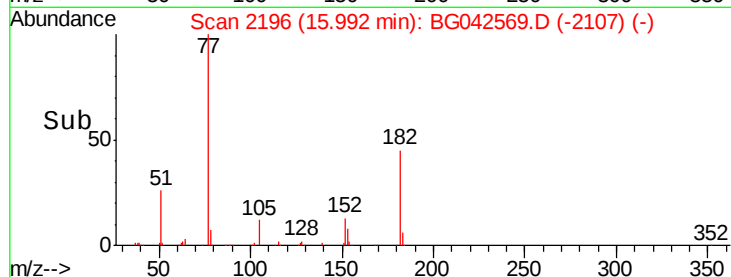
#63
Azobenzene
Concen: 38.473 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	210010
Ion	Ratio	Lower	Upper
77	100		
182	42.6	19.9	59.9
105	22.8	2.9	42.9
51	27.5	7.6	47.6

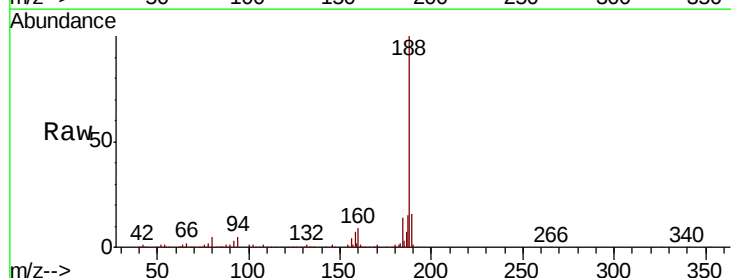


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

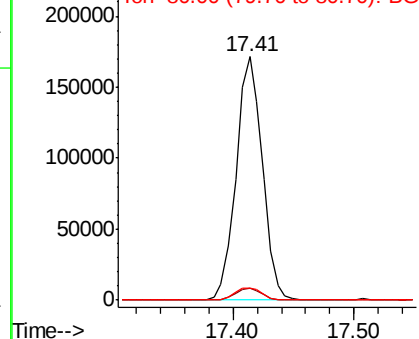
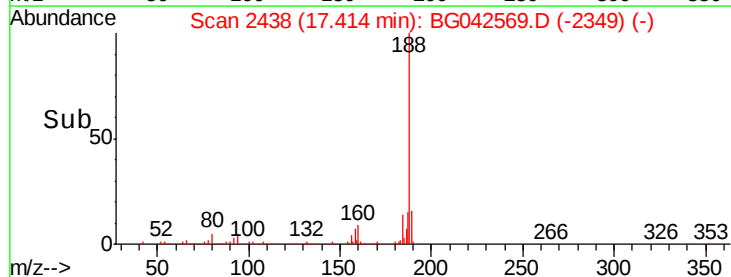


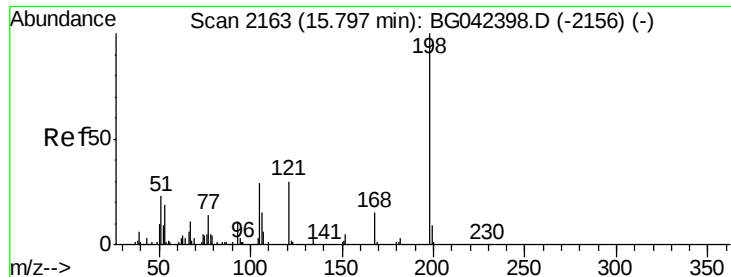
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion:	188	Resp:	259256
Ion	Ratio	Lower	Upper
188	100		
94	4.7	4.5	6.7
80	5.1	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: 39.963 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

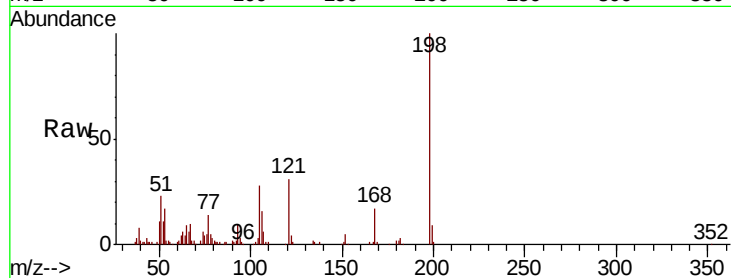
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 64957

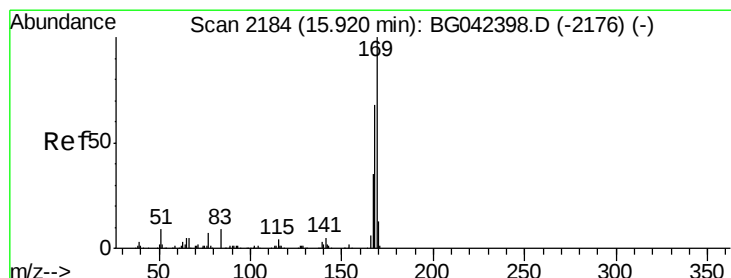
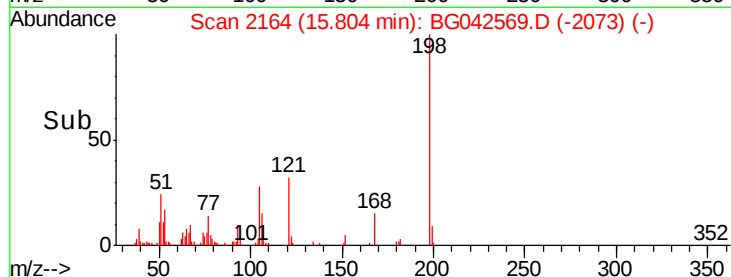
Ion	Ratio	Lower	Upper
198	100		
51	23.4	4.2	44.2
105	28.1	8.8	48.8



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: 40.488 ng

RT: 15.92 min Scan# 2183

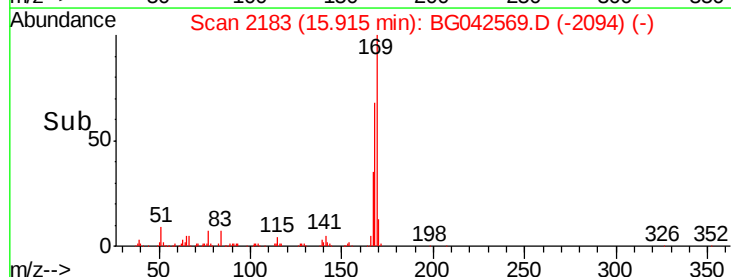
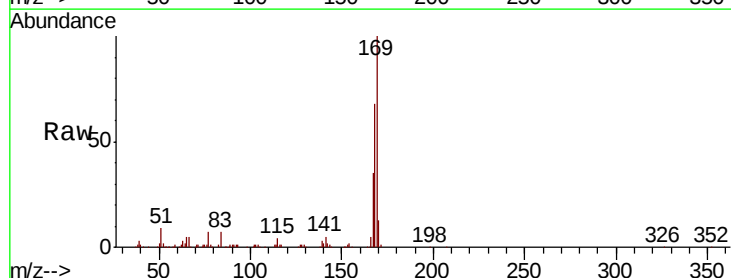
Delta R.T. -0.00 min

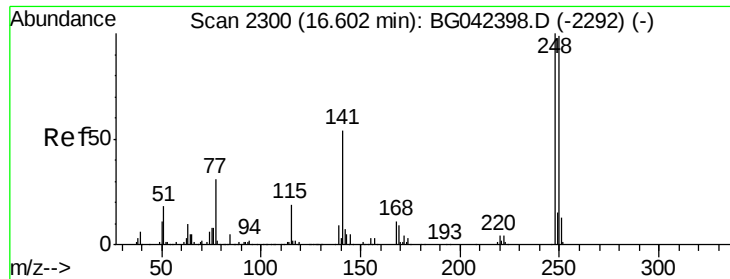
Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Tgt Ion:169 Resp: 288667

Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.3	81.5
167	35.0	28.2	42.2

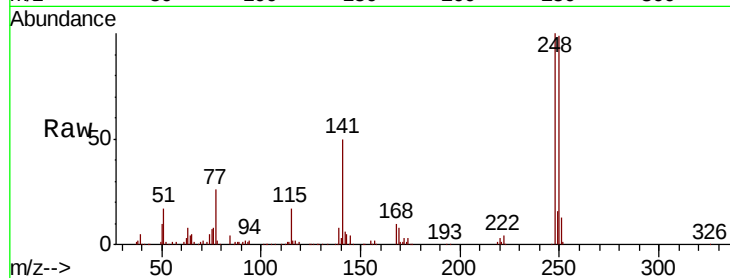




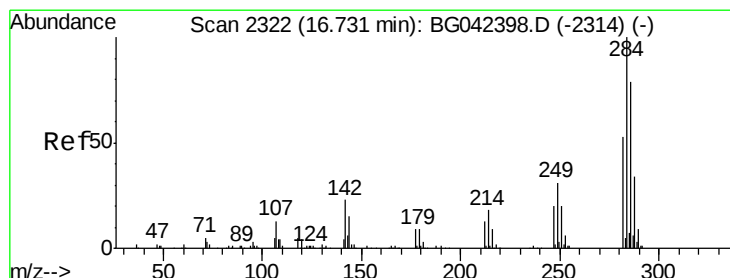
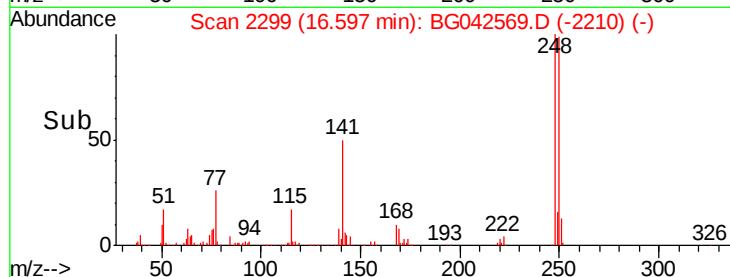
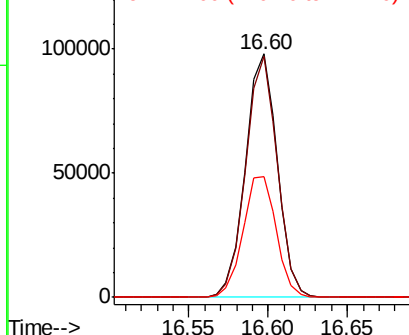
#67
 4-Bromophenyl-phenylether
 Concen: 41.662 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 137005
 Ion Ratio Lower Upper
 248 100
 250 98.8 78.9 118.3
 141 49.7 43.3 64.9

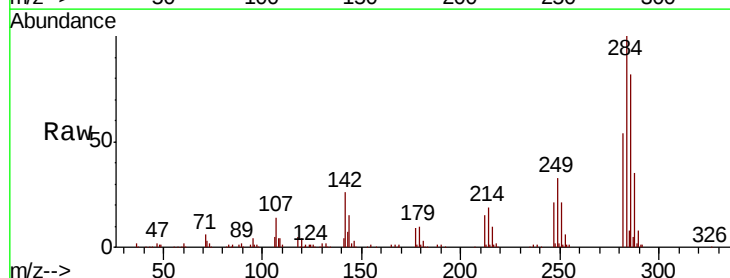


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

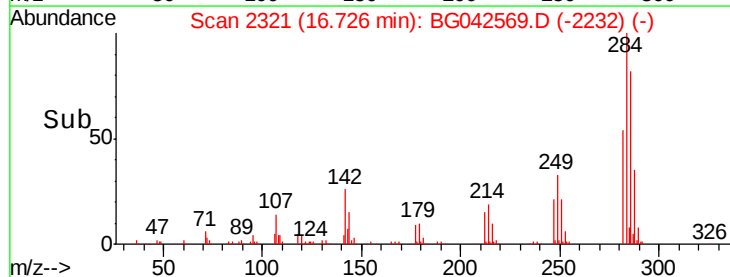
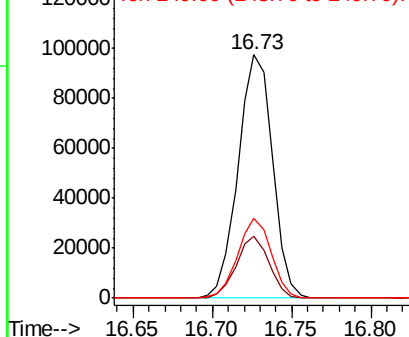


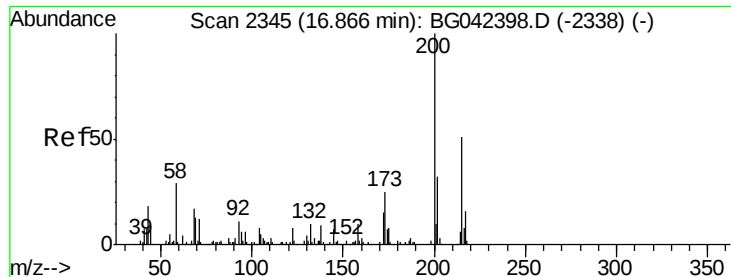
#68
 Hexachlorobenzene
 Concen: 40.974 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion:284 Resp: 146474
 Ion Ratio Lower Upper
 284 100
 142 25.5 18.2 27.4
 249 32.6 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

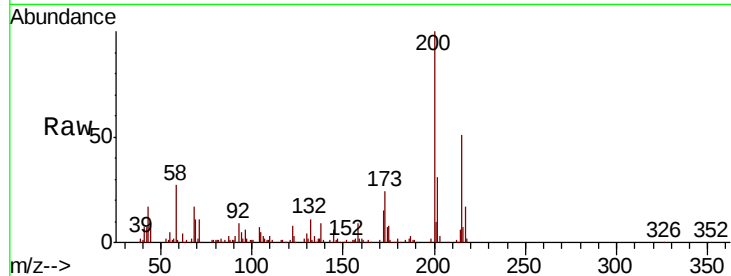




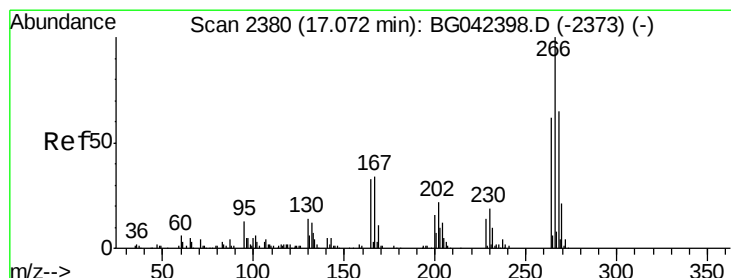
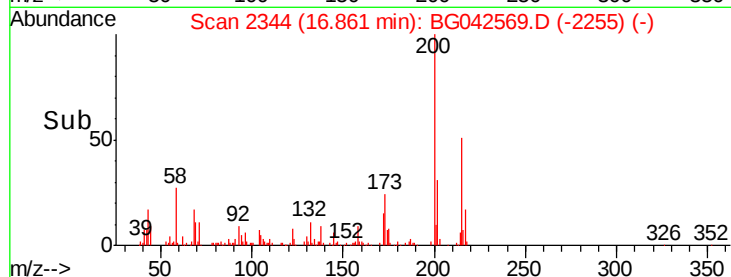
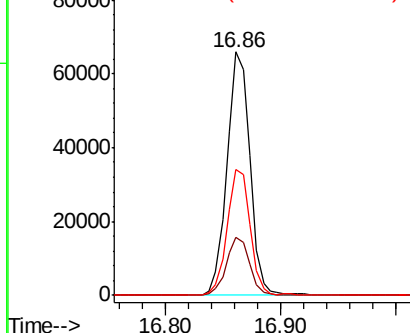
#69
Atrazine
Concen: 35.985 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.9	44.9
215	51.5	30.7	70.7

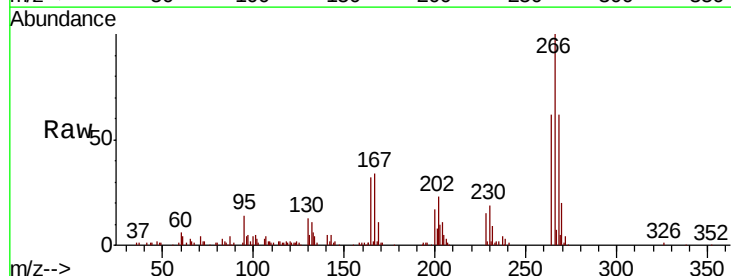


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

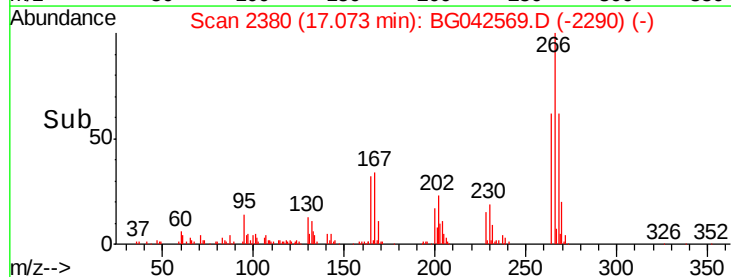
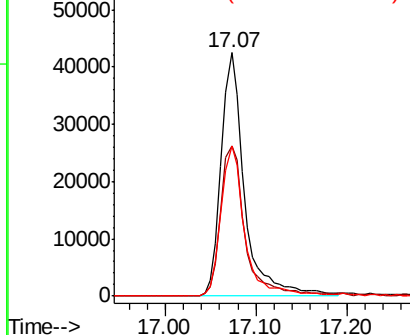


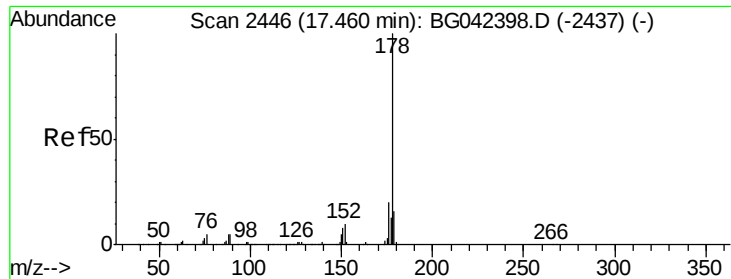
#70
Pentachlorophenol
Concen: 41.049 ng
RT: 17.07 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	52.1	78.1
264	61.8	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

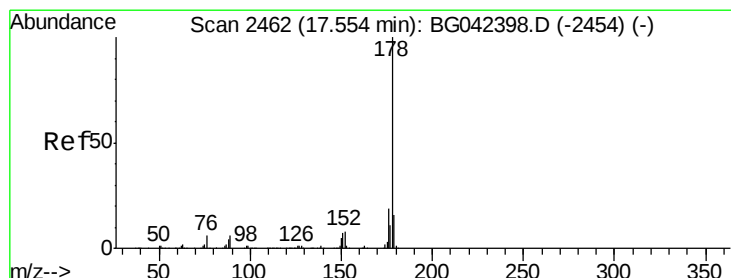
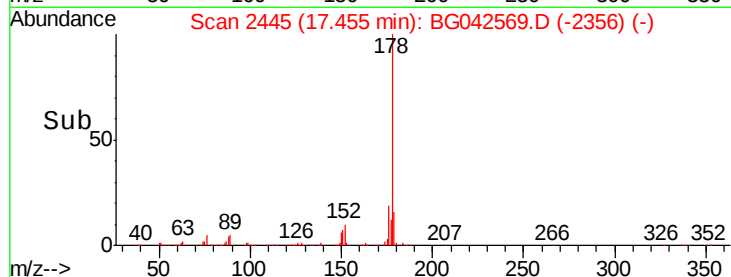
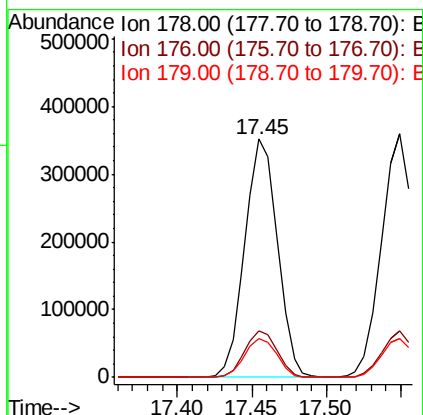
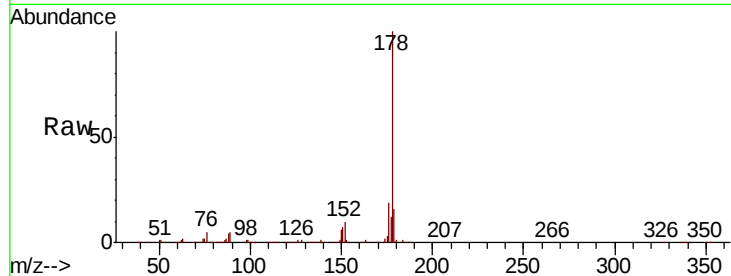




#71
Phenanthrene
Concen: 41.313 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

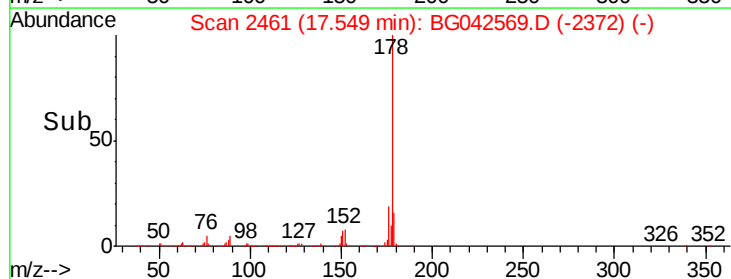
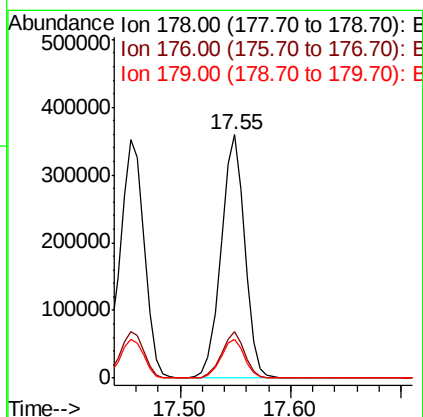
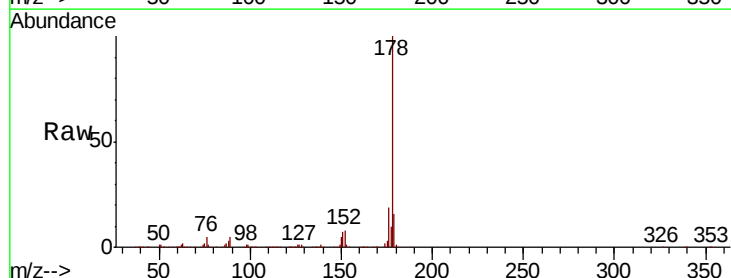
Instrument :
BNA_G
ClientSampleId :

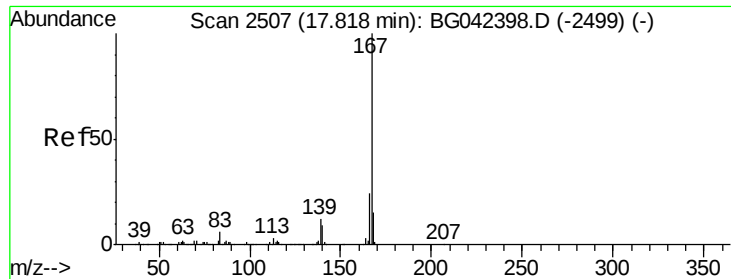
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	16.1	12.7	19.1



#72
Anthracene
Concen: 41.534 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	16.1	12.9	19.3

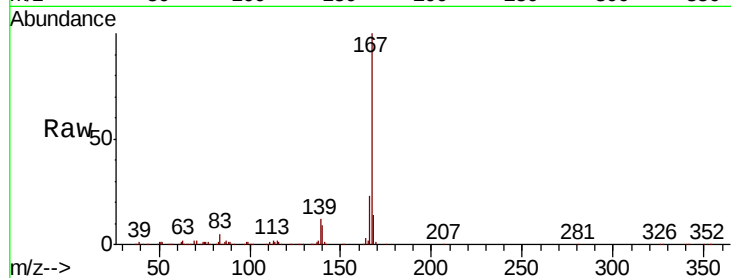




#73
 Carbazole
 Concen: 40.665 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.9	28.3
139	11.9	9.8	14.6

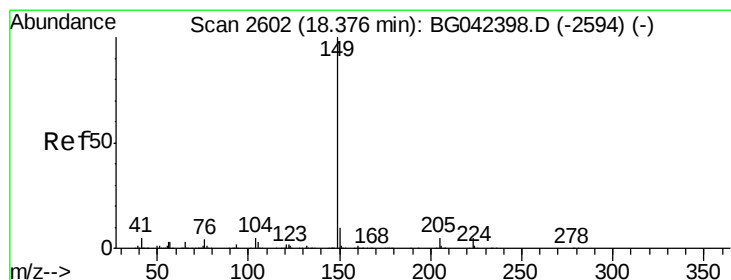
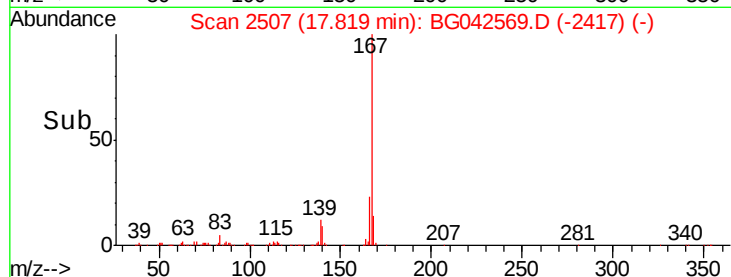
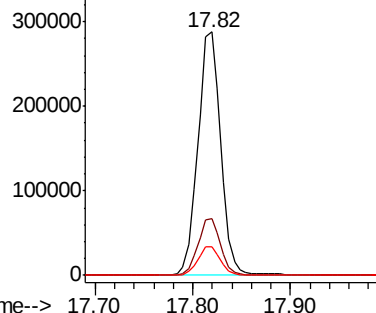


Abundance

Ion 167.00 (166.70 to 167.70): E

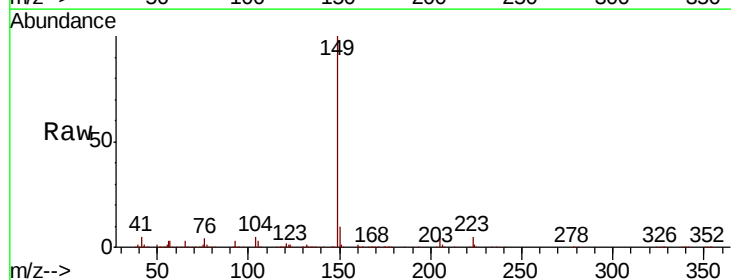
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.566 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.7	3.7	5.5

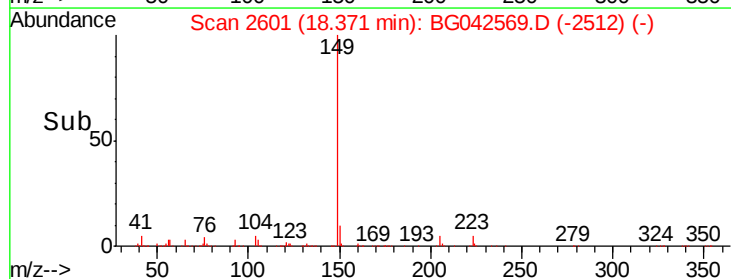
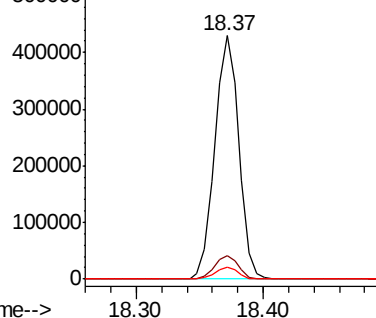


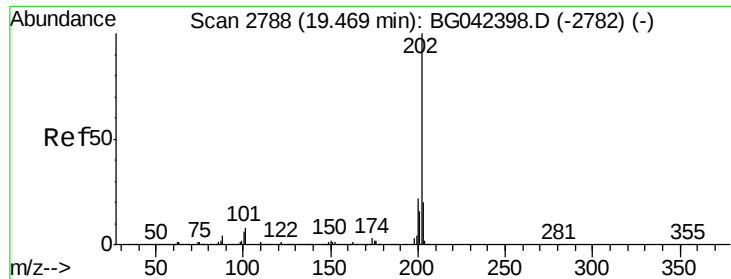
Abundance

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

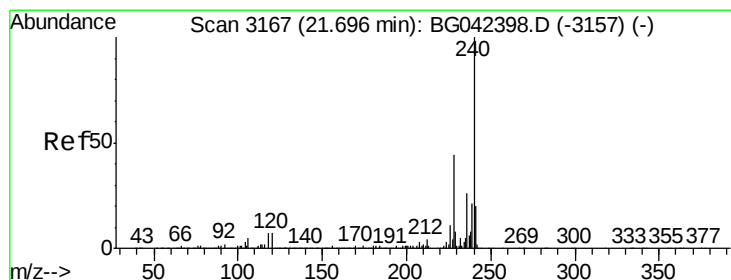
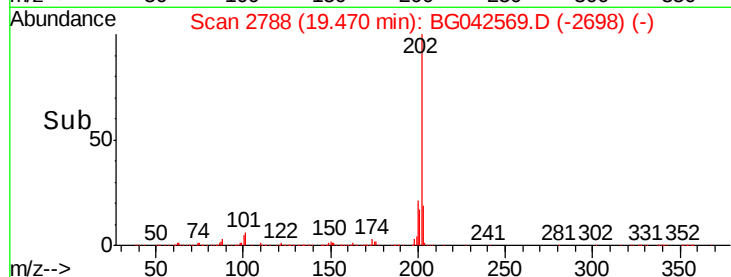
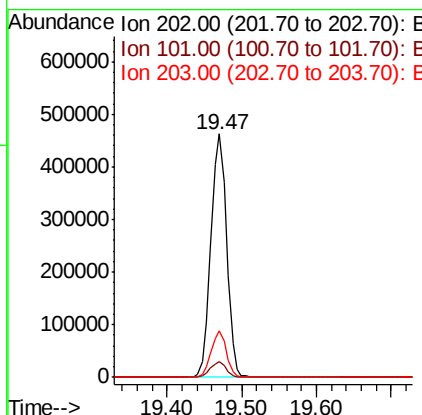
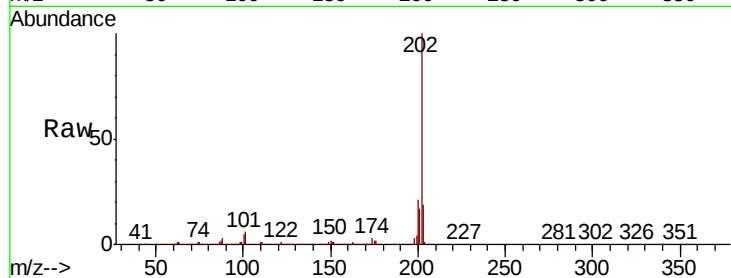




#75
 Fluoranthene
 Concen: 42.757 ng
 RT: 19.47 min Scan# 2788
 Delta R.T. 0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

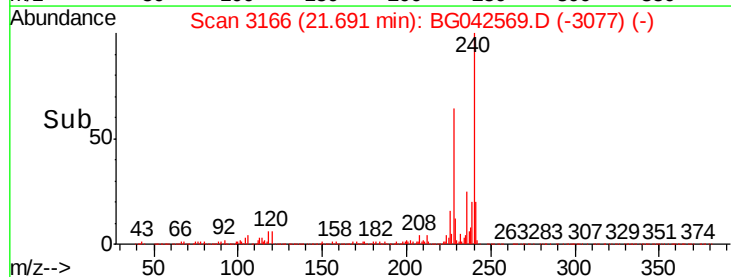
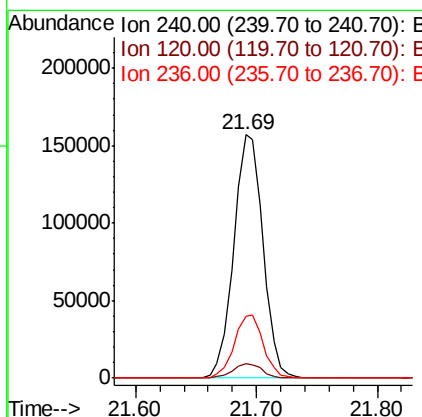
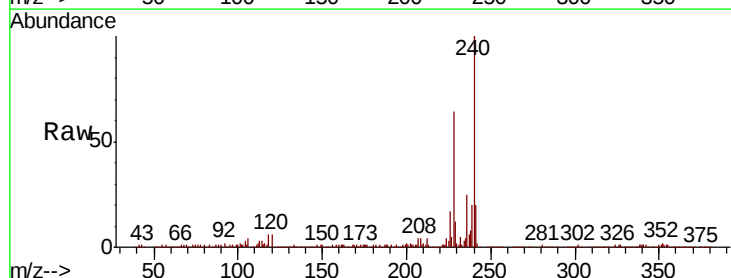
Instrument :
 BNA_G
 ClientSampleId :

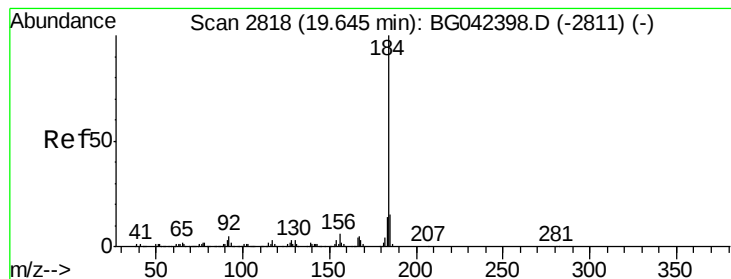
Tot Ion:	202	Resp:	671977
Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	28.3
203	18.9	0.0	39.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion:	240	Resp:	264189
Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.7	8.5
236	25.4	21.0	31.4





#77

Benzidine

Concen: 33.368 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

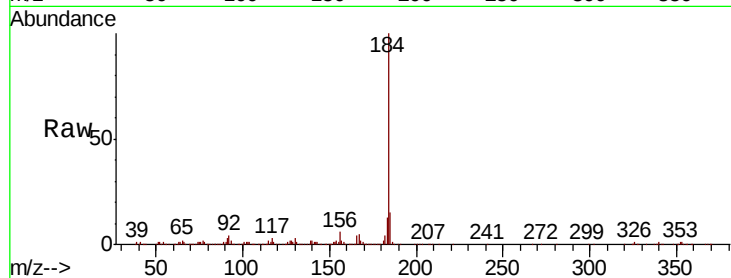
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 252740

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.4
183	13.0	10.8	16.2

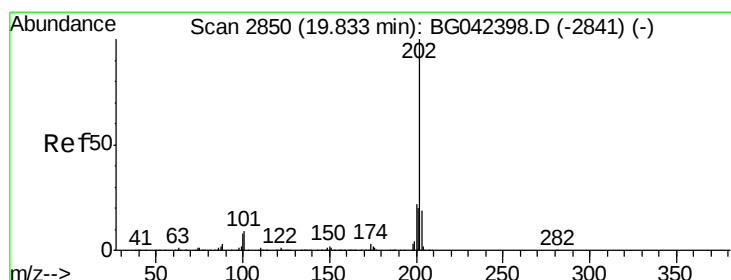
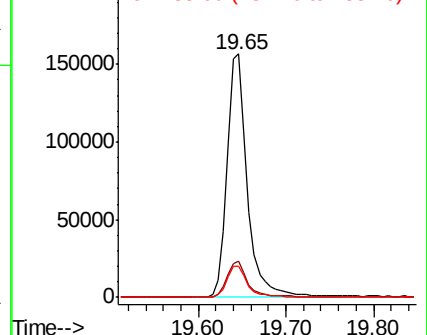
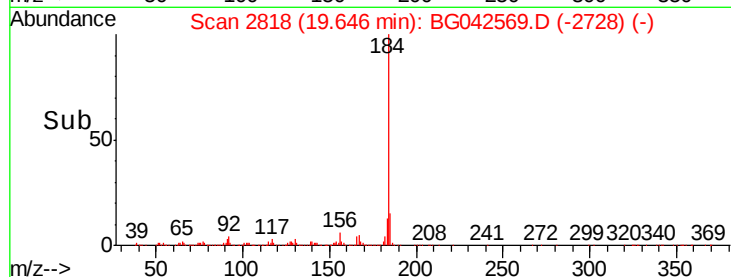


Abundance

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: 41.674 ng

RT: 19.83 min Scan# 2849

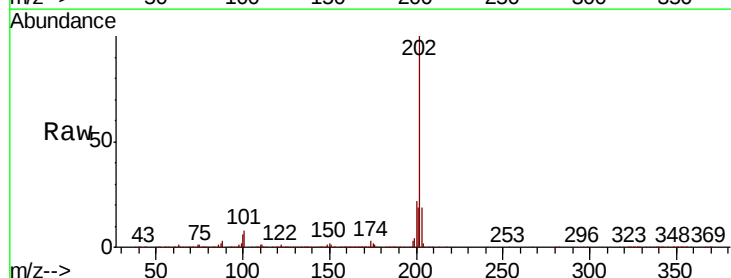
Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Tgt Ion:202 Resp: 675010

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	19.0	15.5	23.3

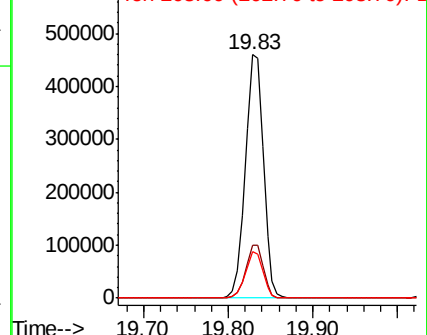
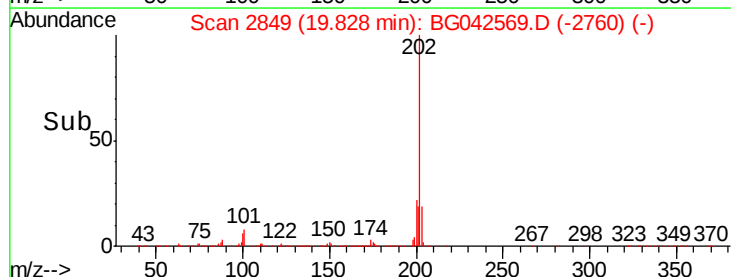


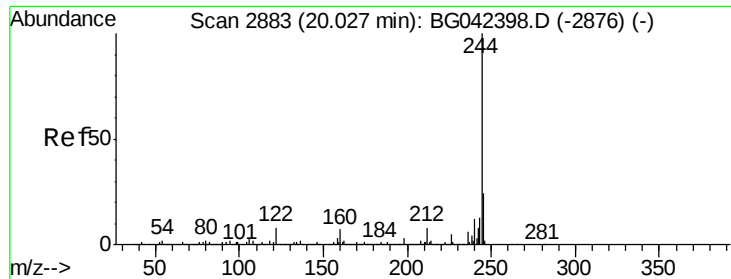
Abundance

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

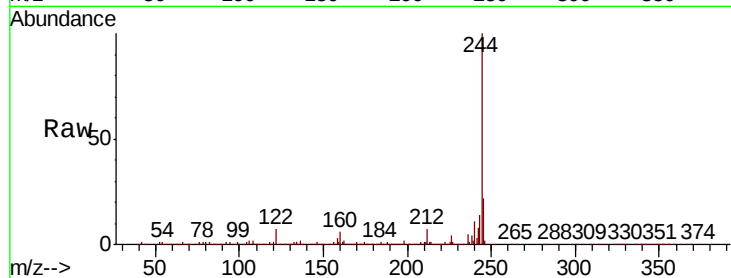




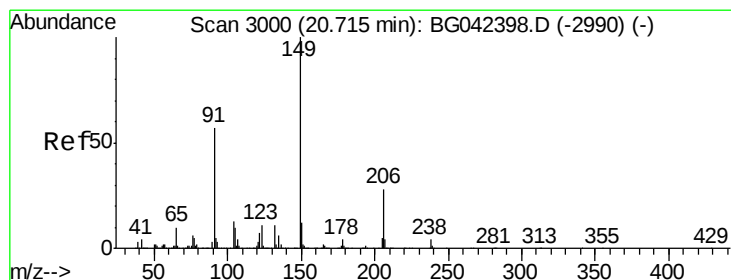
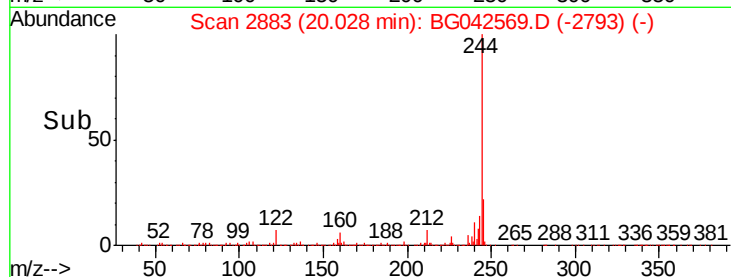
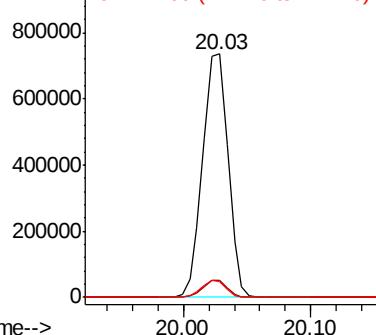
#79
 Terphenyl-d14
 Concen: 83.768 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. 0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1023660
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 6.6 6.7 10.1#

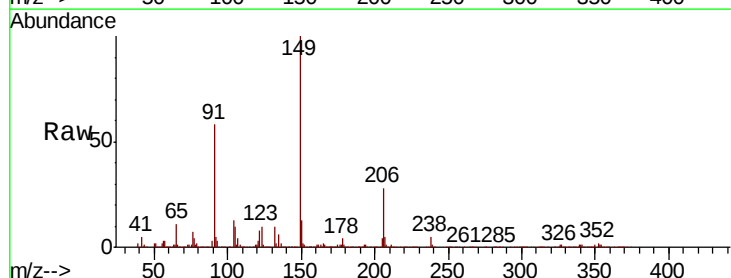


Abundance Ion 244.00 (243.70 to 244.70): E
 1000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

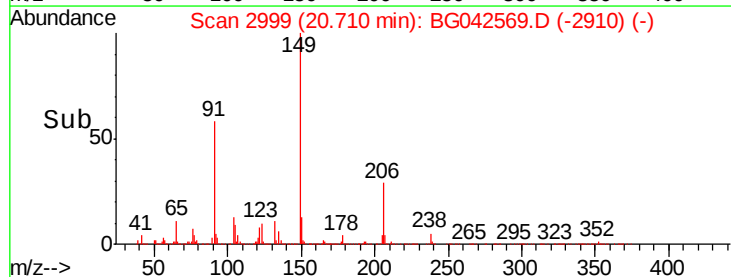
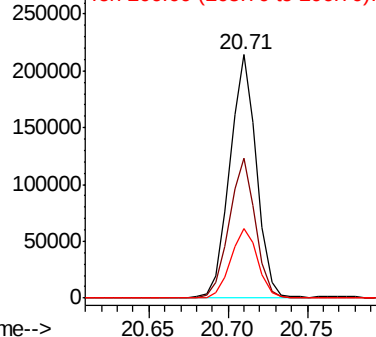


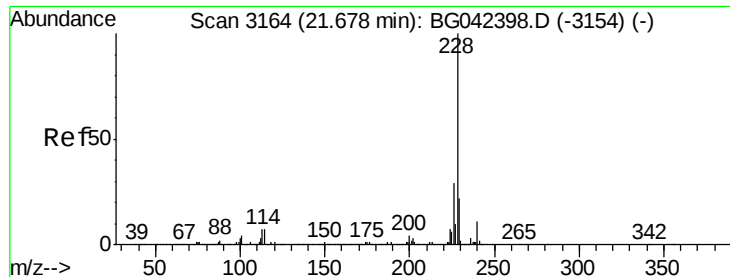
#80
 Butylbenzylphthalate
 Concen: 39.083 ng
 RT: 20.71 min Scan# 2999
 Delta R.T. -0.00 min
 Lab File: BG042569.D
 Acq: 29 Aug 2019 17:36

Tgt Ion:149 Resp: 248987
 Ion Ratio Lower Upper
 149 100
 91 57.7 45.9 68.9
 206 28.5 22.5 33.7



Abundance Ion 149.00 (148.70 to 149.70): E
 300000 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E

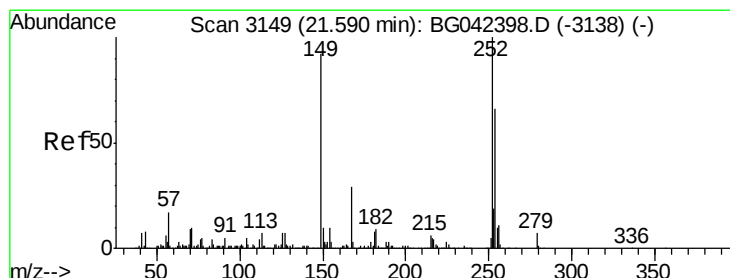
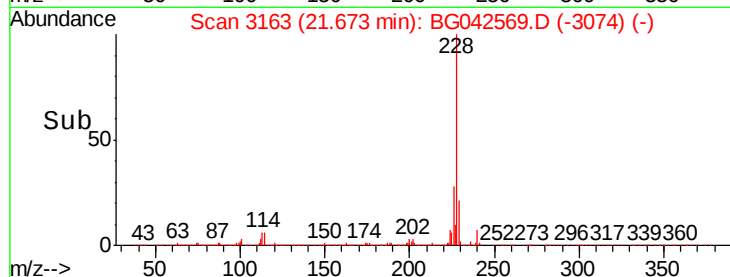
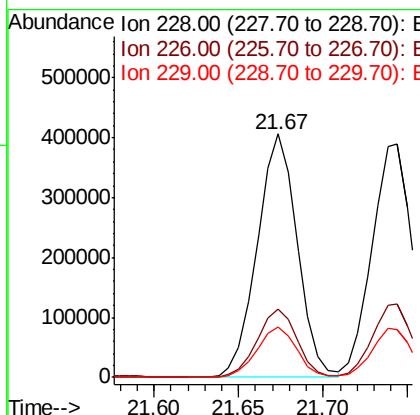
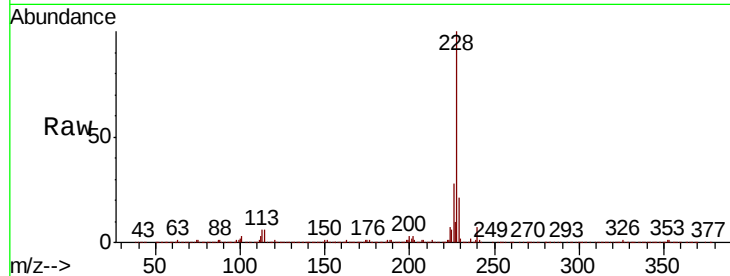




#81
Benzo(a)anthracene
Concen: 41.669 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

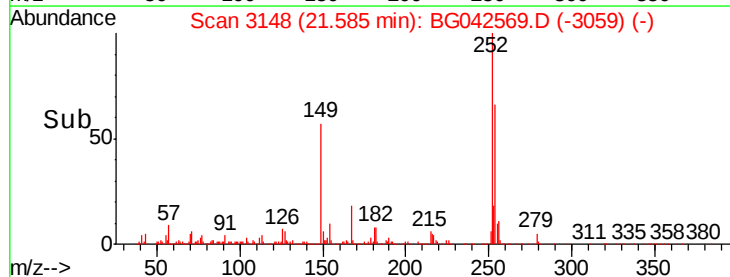
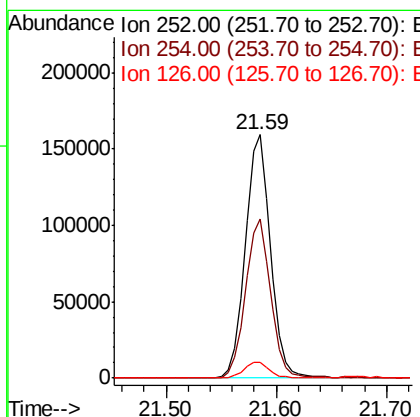
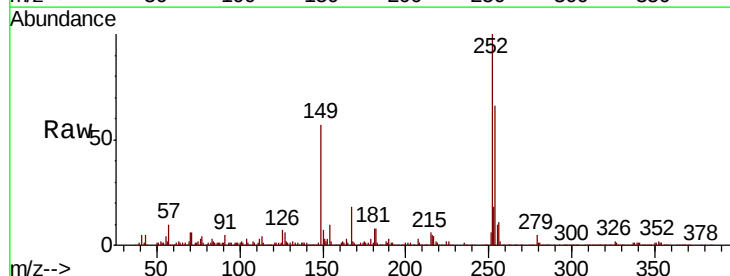
Instrument :
BNA_G
ClientSampleId :

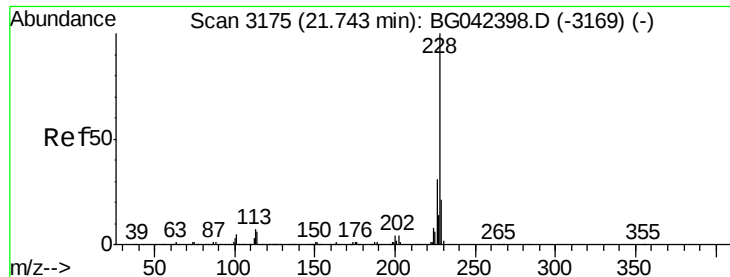
Tot Ion:228 Resp: 669673
Ion Ratio Lower Upper
228 100
226 28.3 23.4 35.2
229 20.8 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 39.588 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion:252 Resp: 255881
Ion Ratio Lower Upper
252 100
254 65.6 53.0 79.4
126 6.7 5.7 8.5





#83

Chrysene

Concen: 41.441 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampleId :

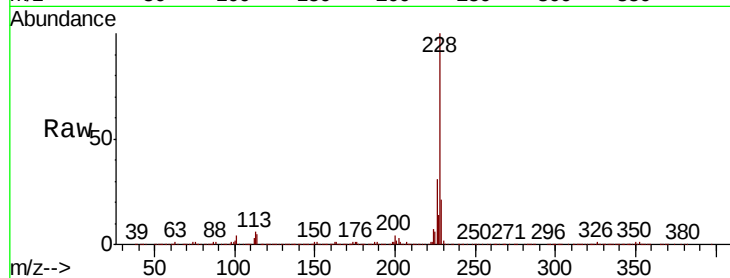
Tot Ion:228 Resp: 642302

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

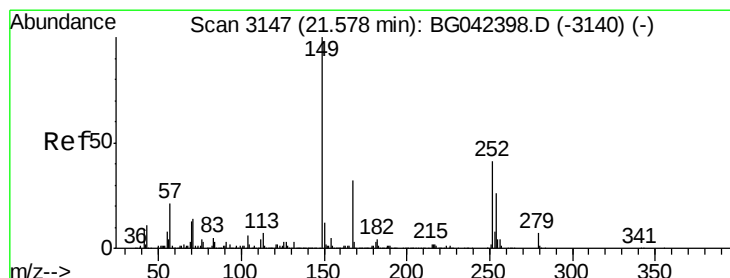
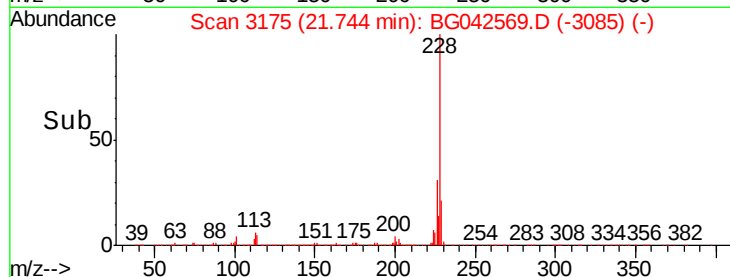
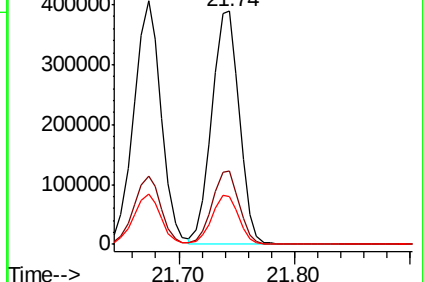
229 20.7 16.9 25.3



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: 39.428 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

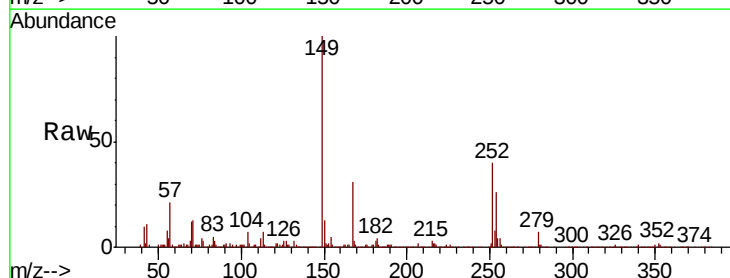
Tgt Ion:149 Resp: 348757

Ion Ratio Lower Upper

149 100

167 31.5 26.0 39.0

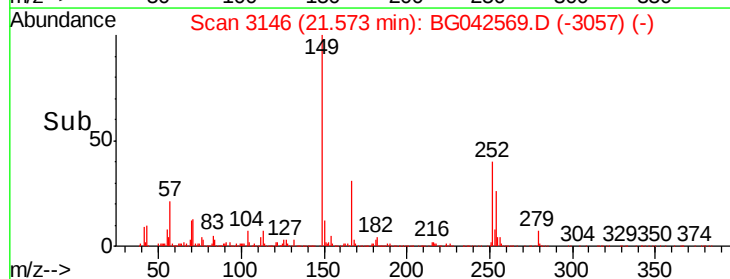
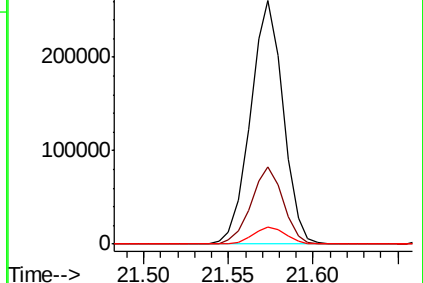
279 7.1 5.4 8.0



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

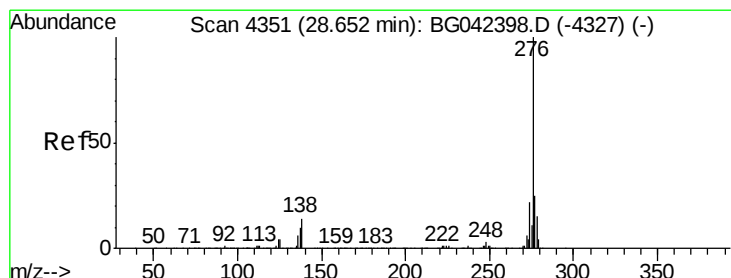
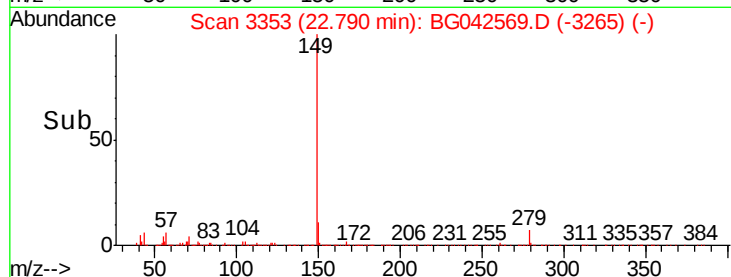
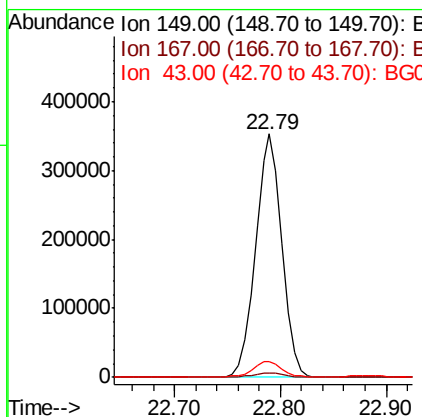
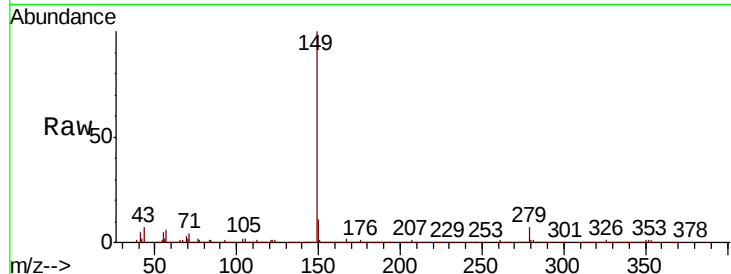




#85
Di-n-octyl phthalate
Concen: 39.814 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

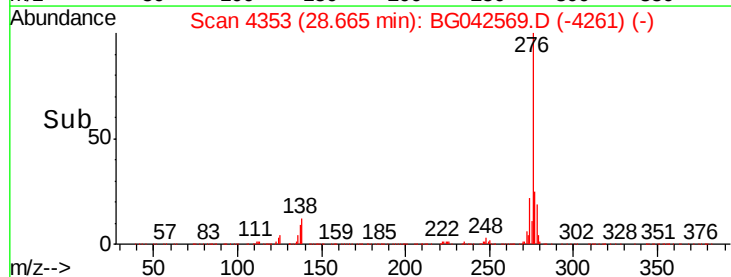
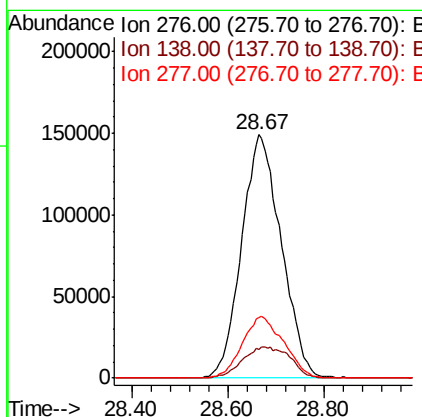
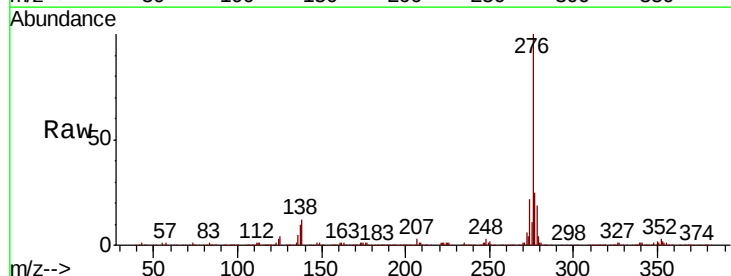
Instrument :
BNA_G
ClientSampleId :

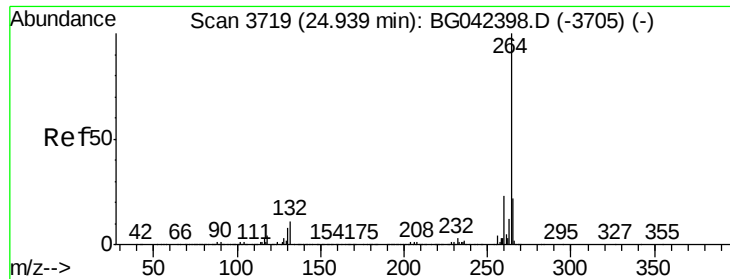
Tot Ion	Ratio	Lower	Upper
149	100		
167	2.4	1.6	2.4
43	6.6	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.640 ng
RT: 28.67 min Scan# 4353
Delta R.T. 0.01 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	9.2	13.8#
277	26.4	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

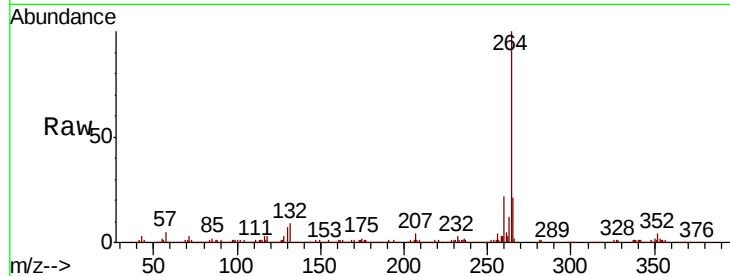
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 321326

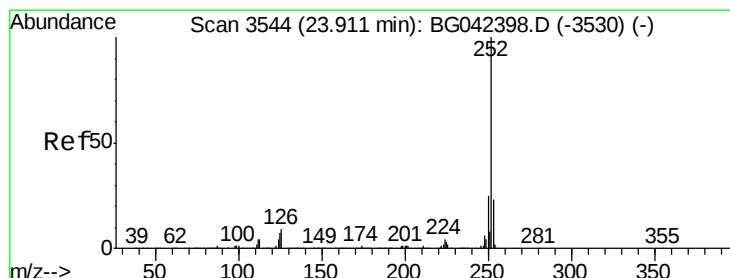
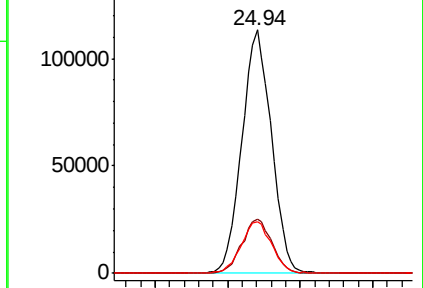
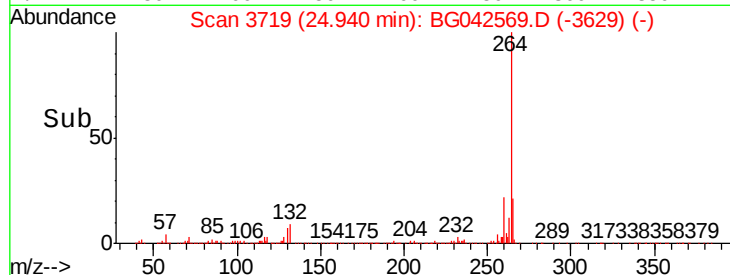
Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.5	27.7
265	21.2	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.809 ng

RT: 23.91 min Scan# 3544

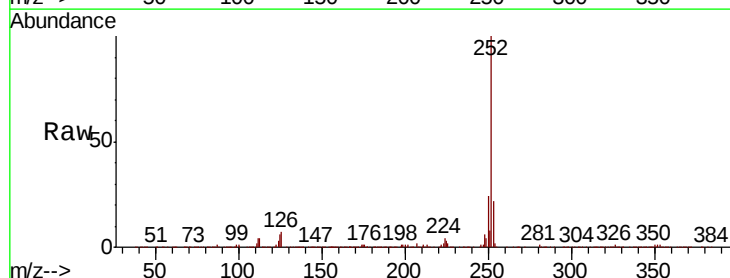
Delta R.T. 0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

Tgt Ion:252 Resp: 720905

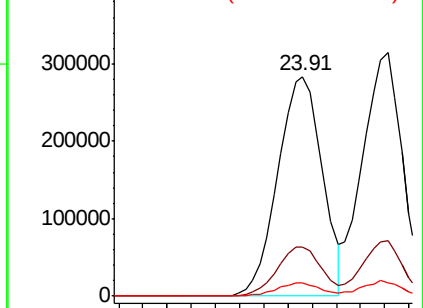
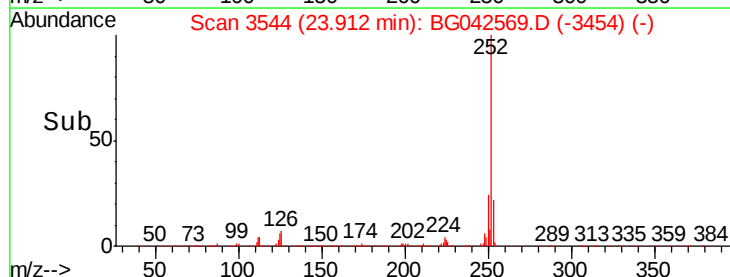
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	6.0	5.6	8.4

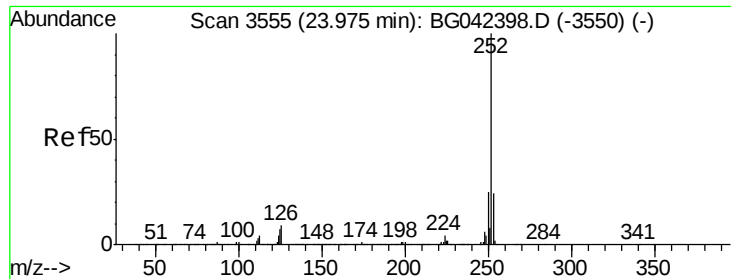


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.456 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.06 min

Lab File: BG042569.D

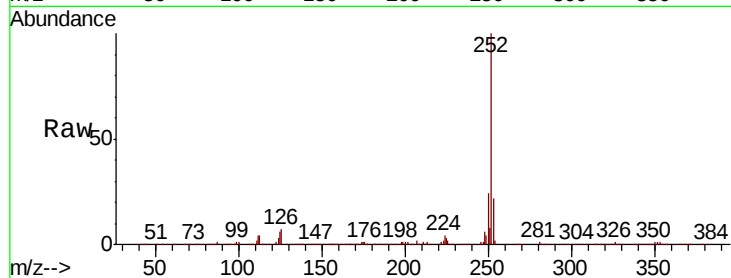
Acq: 29 Aug 2019 17:36

Instrument :

BNA_G

ClientSampleId :

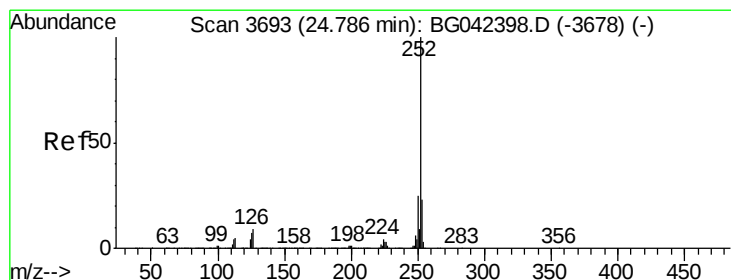
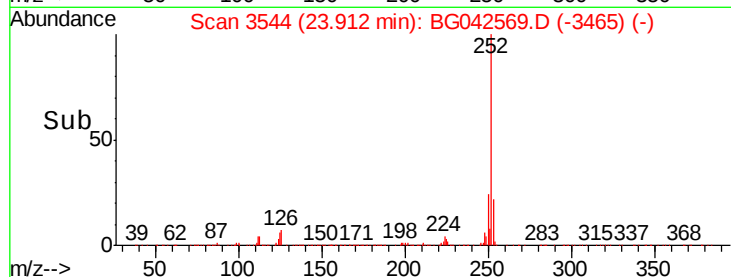
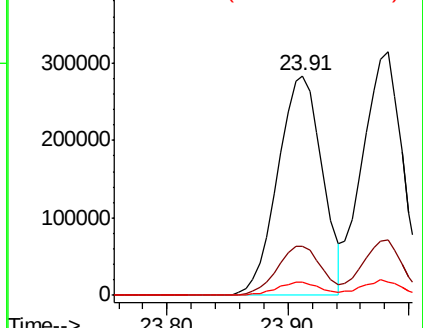
Tot Ion:252	Resp:	720905
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.6 27.8
125	6.0	5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.497 ng

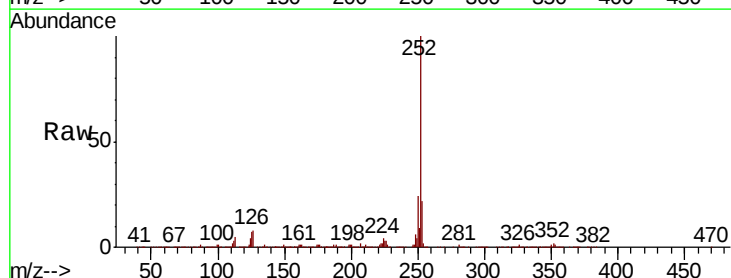
RT: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG042569.D

Acq: 29 Aug 2019 17:36

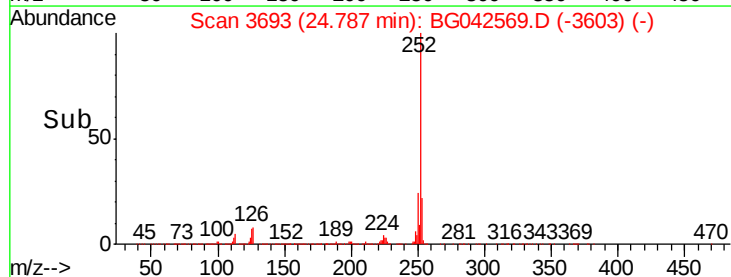
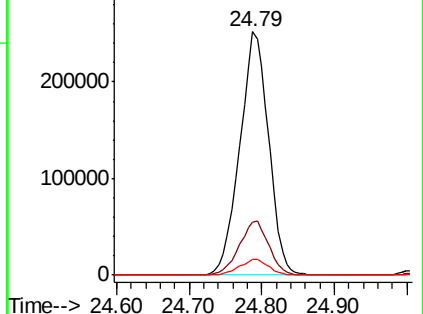
Tgt Ion:252	Resp:	695614
Ion Ratio	Lower	Upper
252	100	
253	22.0	18.4 27.6
125	6.5	6.0 9.0

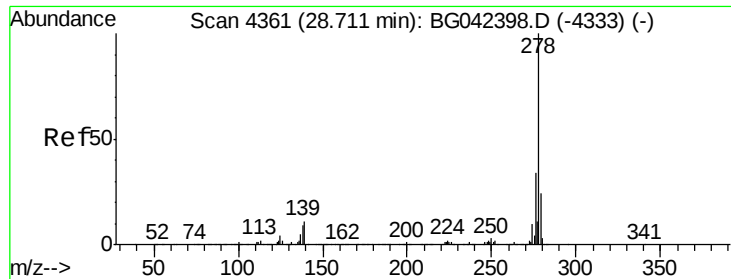


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

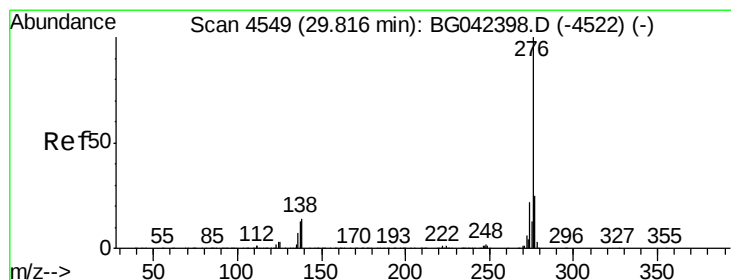
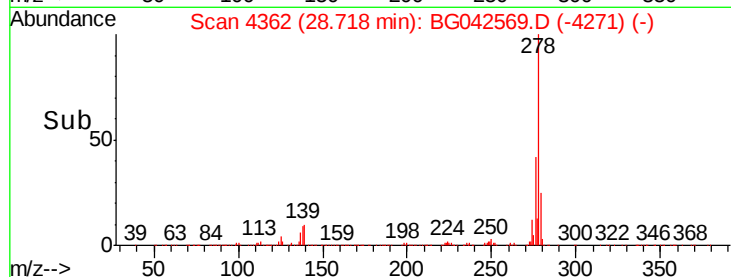
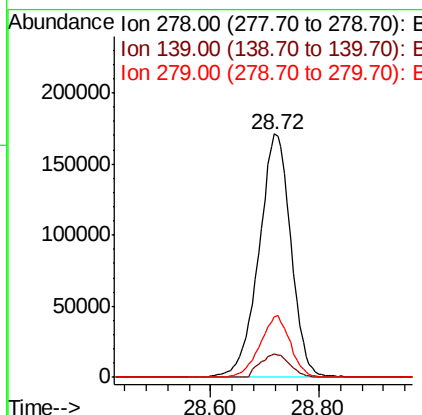
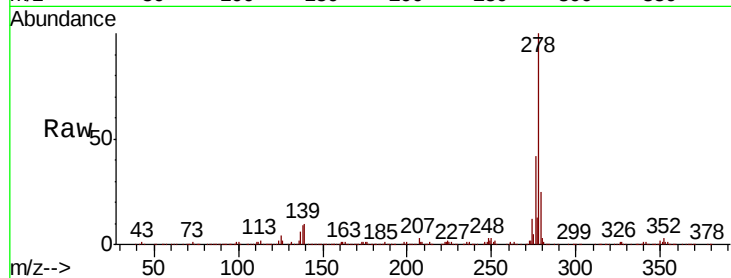




#91
Dibenzo(a,h)anthracene
Concen: 41.175 ng
RT: 28.72 min Scan# 4362
Delta R.T. 0.01 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.7	8.8	13.2
279	25.1	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 40.673 ng
RT: 29.83 min Scan# 4552
Delta R.T. 0.02 min
Lab File: BG042569.D
Acq: 29 Aug 2019 17:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	13.4	11.4	17.0

