

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042868.D
 Acq On : 17 Sep 2019 4:07
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 05:02:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	146478	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	588391	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	396505	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	862110	20.00	ng	0.00
76) Chrysene-d12	21.76	240	821445	20.00	ng	0.00
87) Perylene-d12	25.03	264	923491	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	643940	76.43	ng	0.00
7) Phenol-d6	7.27	99	929181	76.84	ng	0.00
23) Nitrobenzene-d5	9.28	82	923973	81.76	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	424226	80.42	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1900997	75.89	ng	0.00
79) Terphenyl-d14	20.09	244	2756751	74.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	134531	34.987	ng	98
3) Pyridine	3.98	79	416270	35.956	ng	97
4) n-Nitrosodimethylamine	3.89	42	193948	34.428	ng	90
6) Aniline	7.44	93	620368	38.022	ng	98
8) 2-Chlorophenol	7.68	128	359261	39.448	ng	97
9) Benzaldehyde	7.26	77	299585	38.069	ng	95
10) Phenol	7.30	94	481107	38.793	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	362076	38.041	ng	98
12) 1,3-Dichlorobenzene	8.01	146	434147	39.084	ng	98
13) 1,4-Dichlorobenzene	8.15	146	433642	38.993	ng	99
14) 1,2-Dichlorobenzene	8.48	146	406667	38.415	ng	98
15) Benzyl Alcohol	8.35	79	396740	38.228	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	740146	35.411	ng	95
17) 2-Methylphenol	8.55	107	327771	39.504	ng	97
18) Hexachloroethane	9.21	117	160067	38.985	ng	94
19) n-Nitroso-di-n-propylamine	8.92	70	329044	36.926	ng	93
20) 3+4-Methylphenols	8.88	107	449204	39.276	ng	95
22) Acetophenone	8.94	105	567115	38.164	ng	# 95
24) Nitrobenzene	9.32	77	484030	40.803	ng	96
25) Isophorone	9.85	82	892874	37.902	ng	99
26) 2-Nitrophenol	10.03	139	216317	46.373	ng	95
27) 2,4-Dimethylphenol	10.09	122	323673	39.226	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	507975	38.667	ng	100
29) 2,4-Dichlorophenol	10.57	162	384338	40.082	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	469311	40.088	ng	98
31) Naphthalene	10.98	128	1131253	38.940	ng	98
32) Benzoic acid	10.23	122	252597	39.109	ng	92
33) 4-Chloroaniline	11.07	127	527769	38.868	ng	99
34) Hexachlorobutadiene	11.27	225	326798	39.842	ng	95
35) Caprolactam	11.86	113	138059	38.718	ng	90
36) 4-Chloro-3-methylphenol	12.19	107	414312	39.794	ng	96
37) 2-Methylnaphthalene	12.57	142	850192	39.068	ng	98
38) 1-Methylnaphthalene	12.79	142	806827	39.530	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	527240	40.240	ng	98

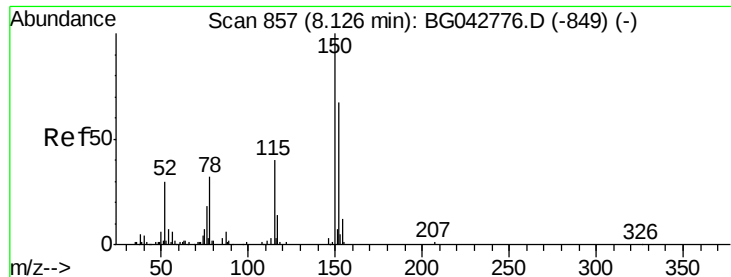
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042868.D
 Acq On : 17 Sep 2019 4:07
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 05:02:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	169032	22.520	ng	95
43) 2,4,6-Trichlorophenol	13.17	196	362359	41.541	ng	98
44) 2,4,5-Trichlorophenol	13.25	196	366658	41.037	ng	97
46) 1,1'-Biphenyl	13.58	154	1098746	39.583	ng	98
47) 2-Chloronaphthalene	13.62	162	914380	39.821	ng	98
48) 2-Nitroaniline	13.81	65	349015	43.816	ng	97
49) Acenaphthylene	14.46	152	1358825	38.724	ng	96
50) Dimethylphthalate	14.19	163	1113651	37.493	ng	98
51) 2,6-Dinitrotoluene	14.30	165	262114	43.006	ng	93
52) Acenaphthene	14.81	154	879185	38.352	ng	97
53) 3-Nitroaniline	14.63	138	287967	42.098	ng	# 92
54) 2,4-Dinitrophenol	14.83	184	76623	25.538	ng	93
55) Dibenzofuran	15.13	168	1307745	38.379	ng	96
56) 4-Nitrophenol	14.93	139	225685	42.672	ng	91
57) 2,4-Dinitrotoluene	15.09	165	367144	45.193	ng	# 97
58) Fluorene	15.78	166	1082202	38.322	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	350618	40.481	ng	99
60) Diethylphthalate	15.55	149	1117002	37.047	ng	96
61) 4-Chlorophenyl-phenylether	15.77	204	641477	38.419	ng	96
62) 4-Nitroaniline	15.79	138	302822	41.071	ng	95
63) Azobenzene	16.07	77	1085889	37.400	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	129518	35.111	ng	95
66) n-Nitrosodiphenylamine	15.99	169	968146	41.733	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	438847	42.056	ng	99
68) Hexachlorobenzene	16.79	284	463876	41.604	ng	97
69) Atrazine	16.93	200	283631	35.109	ng	98
70) Pentachlorophenol	17.13	266	279895	42.316	ng	94
71) Phenanthrene	17.53	178	1639964	39.777	ng	98
72) Anthracene	17.61	178	1633571	39.659	ng	96
73) Carbazole	17.88	167	1532739	39.151	ng	94
74) Di-n-butylphthalate	18.44	149	1799444	38.370	ng	98
75) Fluoranthene	19.53	202	2002602	37.478	ng	96
77) Benzidine	19.69	184	933206	40.662	ng	97
78) Pyrene	19.89	202	1976611	38.435	ng	95
80) Butylbenzylphthalate	20.77	149	846530	40.672	ng	98
81) Benzo(a)anthracene	21.74	228	2030187	38.871	ng	95
82) 3,3'-Dichlorobenzidine	21.65	252	797468	39.290	ng	99
83) Chrysene	21.81	228	1929891	39.009	ng	97
84) Bis(2-ethylhexyl)phthalate	21.66	149	1148764	40.394	ng	# 97
85) Di-n-octyl phthalate	22.89	149	1915107	39.502	ng	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	2427593	39.624	ng	# 93
88) Benzo(b)fluoranthene	23.99	252	2124416	39.178	ng	98
89) Benzo(k)fluoranthene	24.06	252	2024034	39.515	ng	97
90) Benzo(a)pyrene	24.88	252	1985216	39.099	ng	97
91) Dibenzo(a,h)anthracene	28.84	278	1987216	39.793	ng	99
92) Benzo(g,h,i)perylene	29.95	276	1880060	38.596	ng	97

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

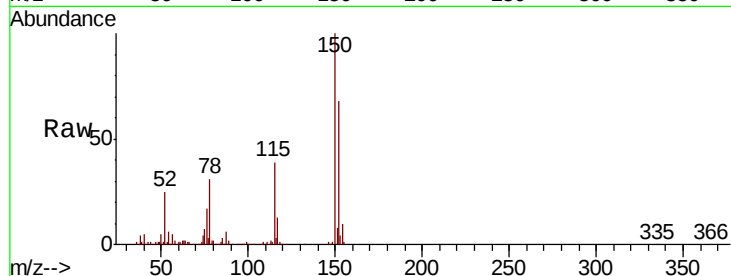


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	118.9	178.3
115	57.8	47.4	71.2

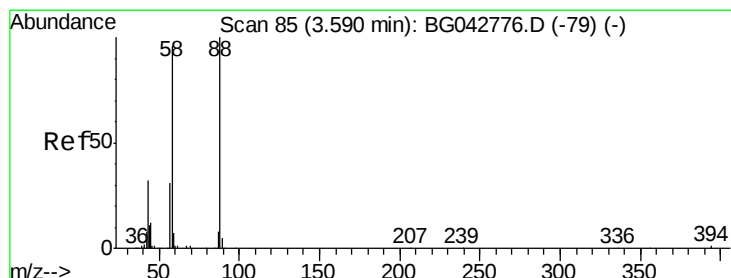
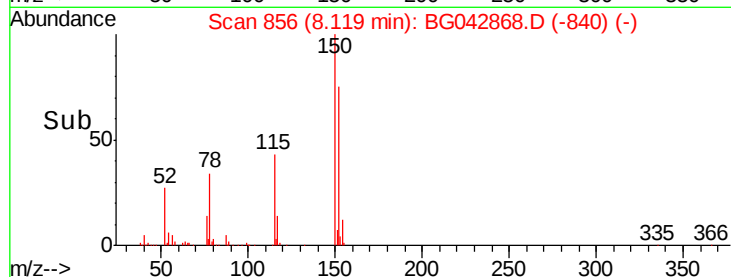
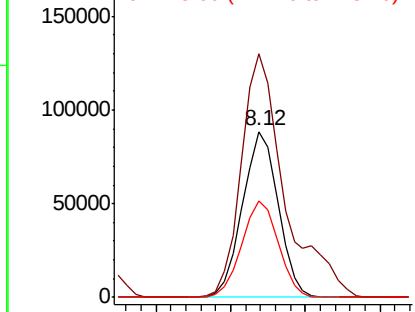


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

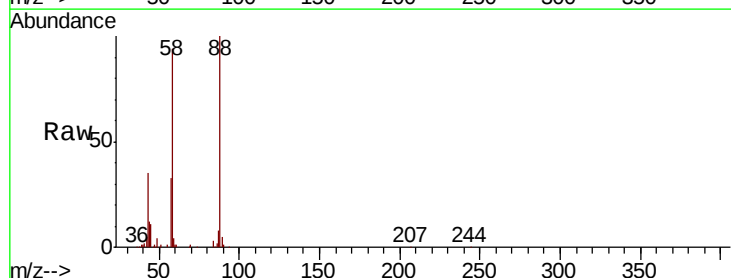
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.987 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.2	79.1	118.7
43	34.8	30.4	45.6

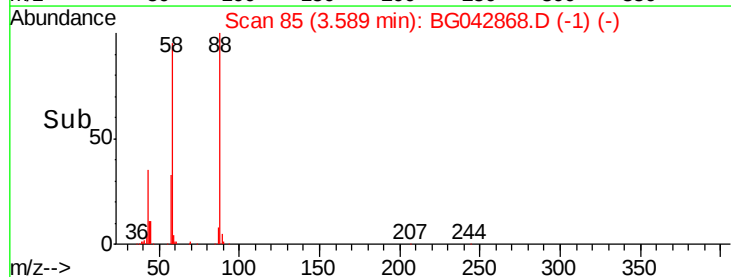
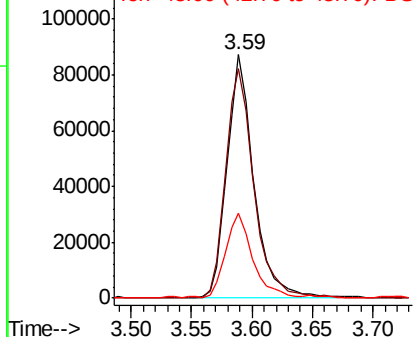


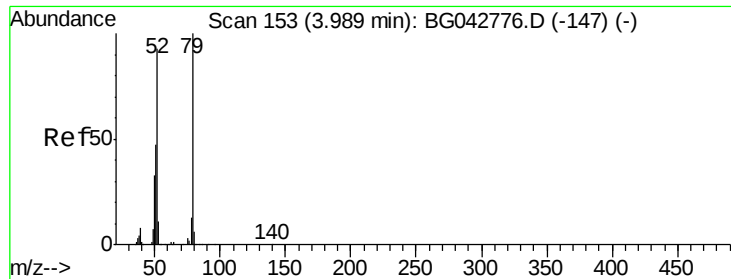
Abundance

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: 35.956 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

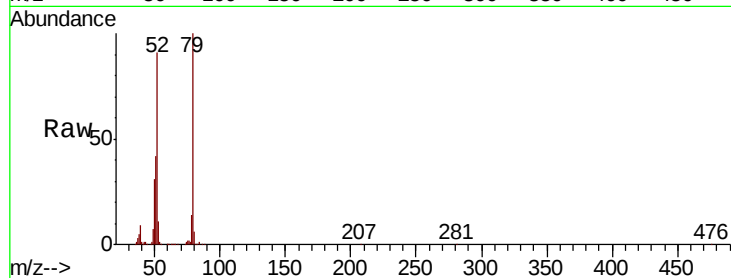
Tot Ion: 79 Resp: 416270

Ion Ratio Lower Upper

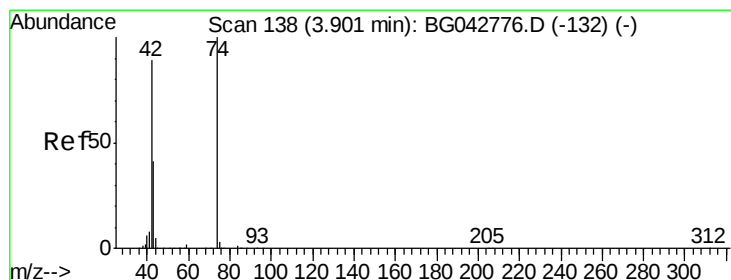
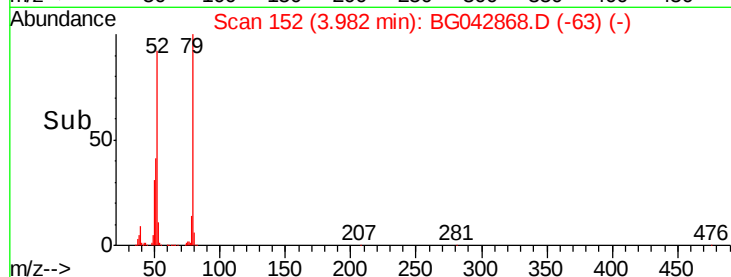
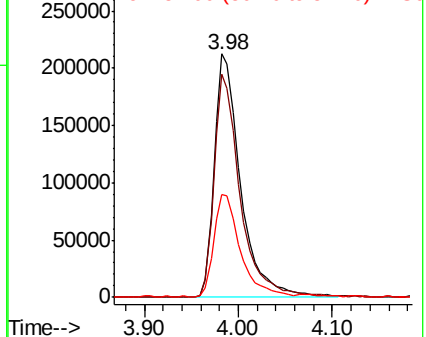
79 100

52 91.4 74.0 111.0

51 42.1 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.428 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

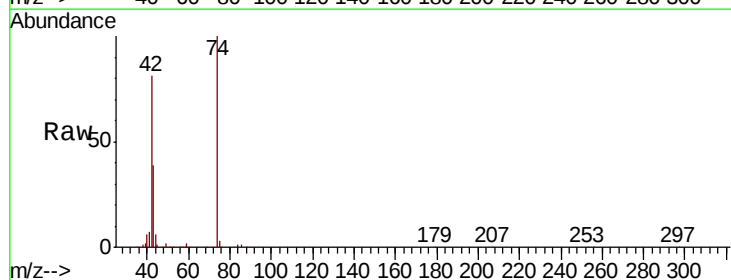
Tgt Ion: 42 Resp: 193948

Ion Ratio Lower Upper

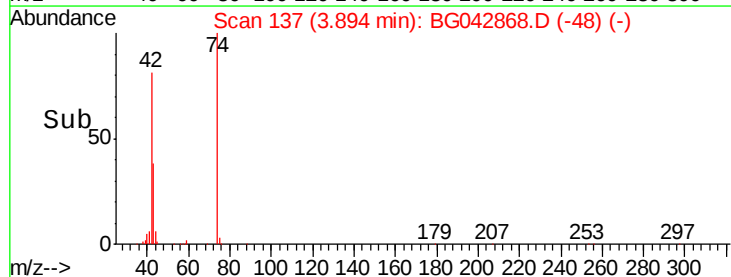
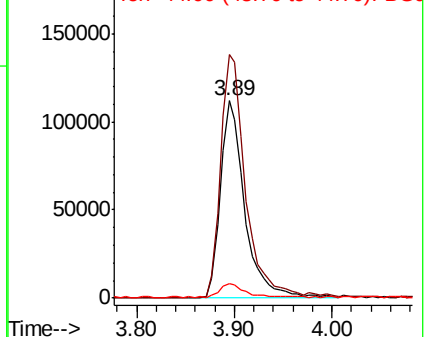
42 100

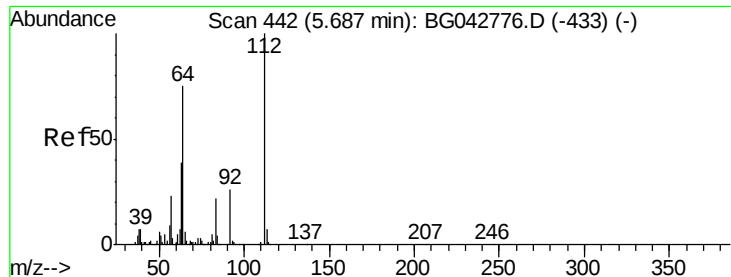
74 123.5 90.2 135.2

44 7.4 6.6 9.8



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: 76.429 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampled :

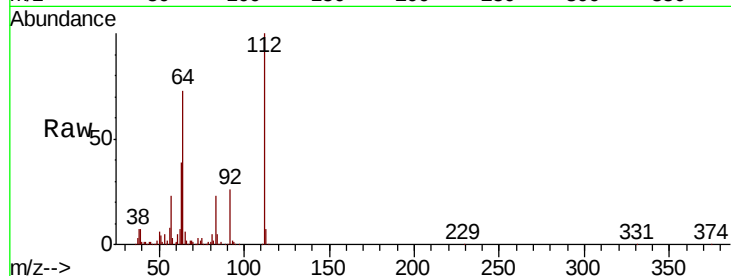
Tot Ion:112 Resp: 643940

Ion Ratio Lower Upper

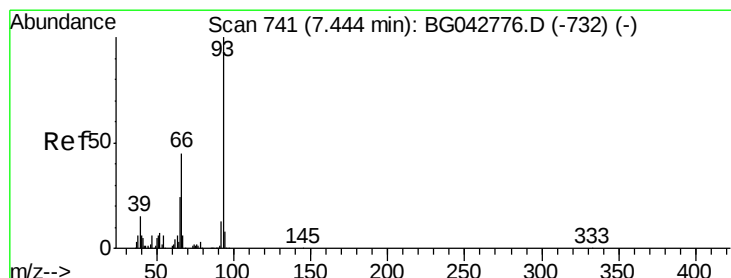
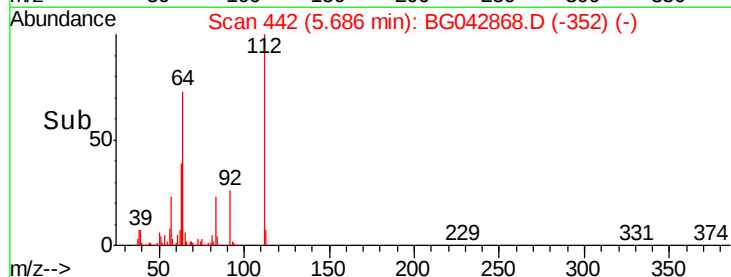
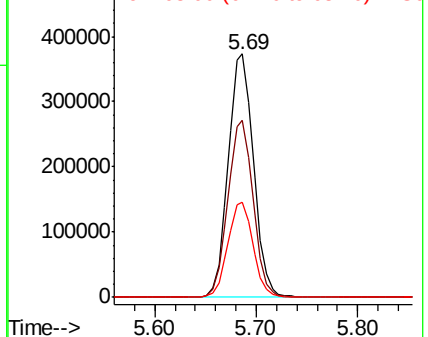
112 100

64 72.8 60.2 90.2

63 39.1 31.2 46.8



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: 38.022 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

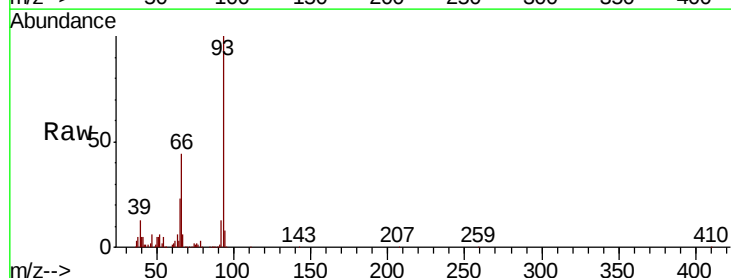
Tgt Ion: 93 Resp: 620368

Ion Ratio Lower Upper

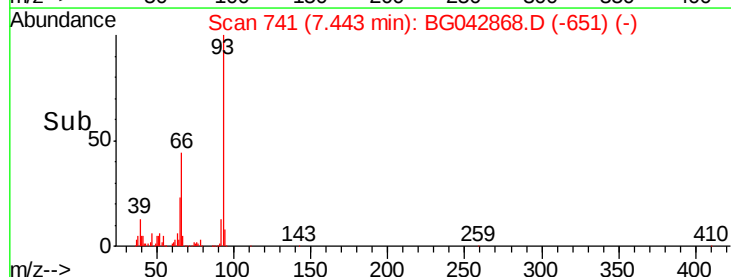
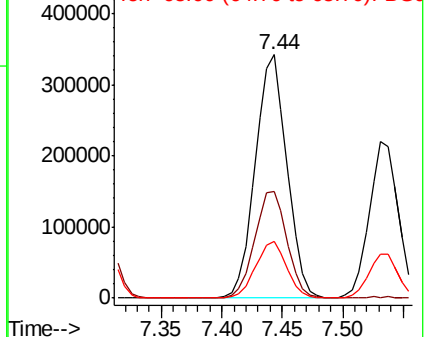
93 100

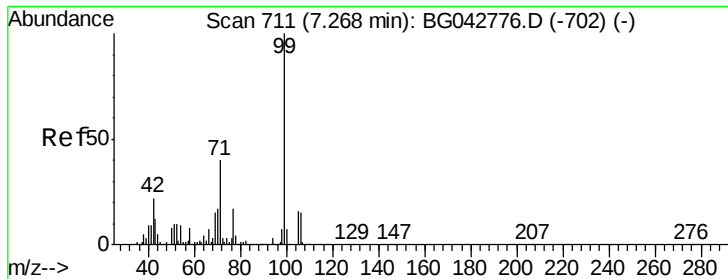
66 43.9 36.3 54.5

65 23.1 19.3 28.9



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: 76.835 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

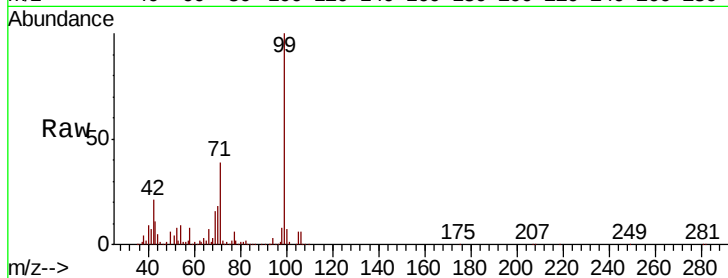
Tot Ion: 99 Resp: 929181

Ion Ratio Lower Upper

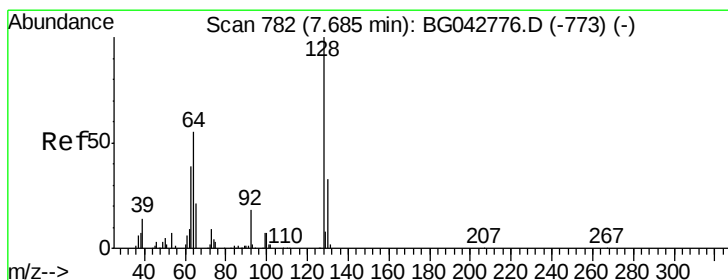
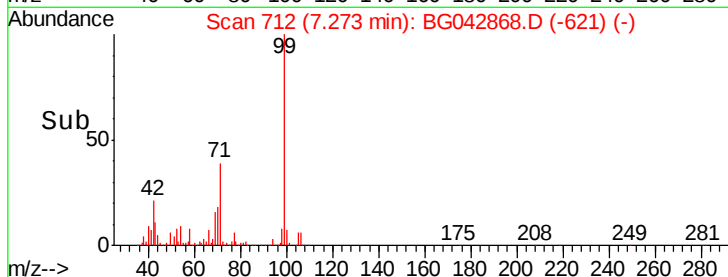
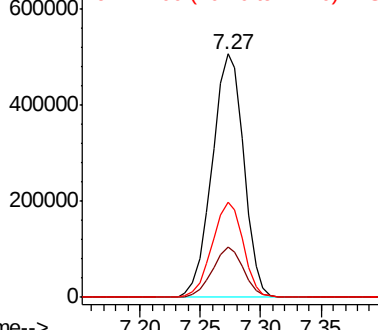
99 100

42 20.6 17.5 26.3

71 38.9 32.0 48.0



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



#8

2-Chlorophenol

Concen: 39.448 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

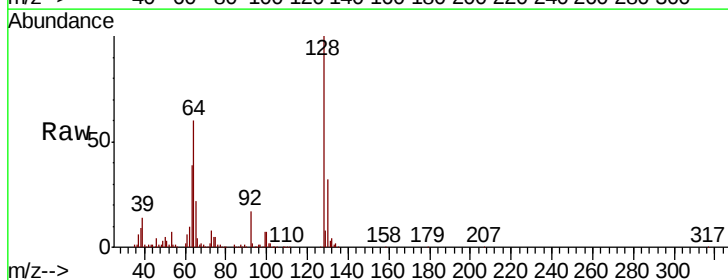
Tgt Ion: 128 Resp: 359261

Ion Ratio Lower Upper

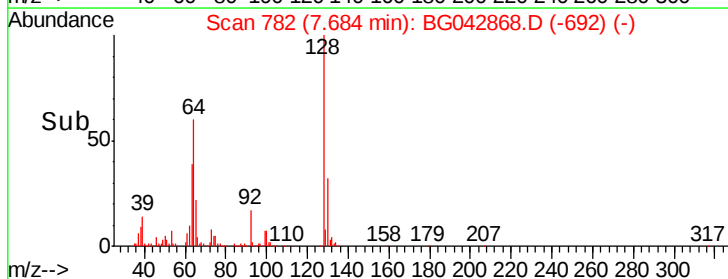
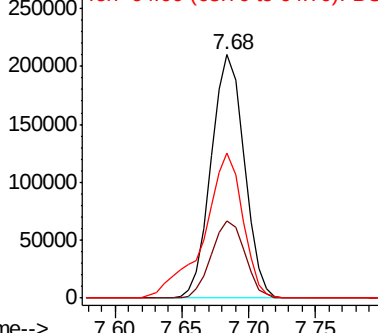
128 100

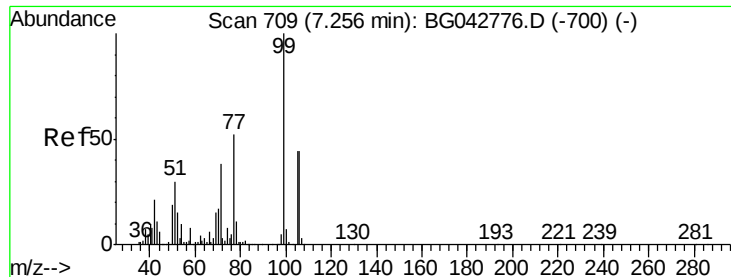
130 31.7 12.8 52.8

64 59.5 36.8 76.8



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: 38.069 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampled :

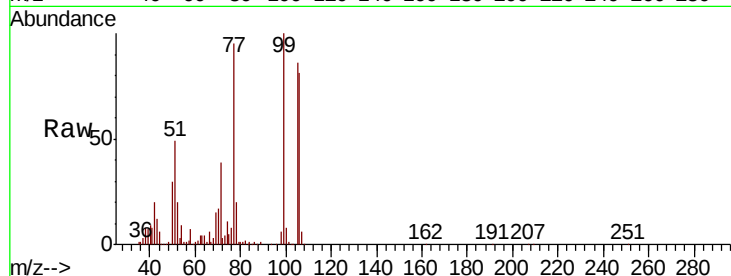
Tot Ion: 77 Resp: 299585

Ion Ratio Lower Upper

77 100

105 90.5 64.5 104.5

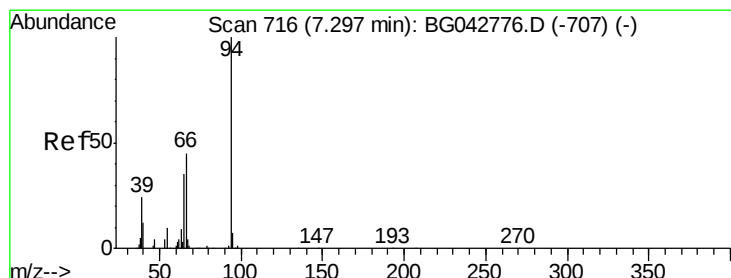
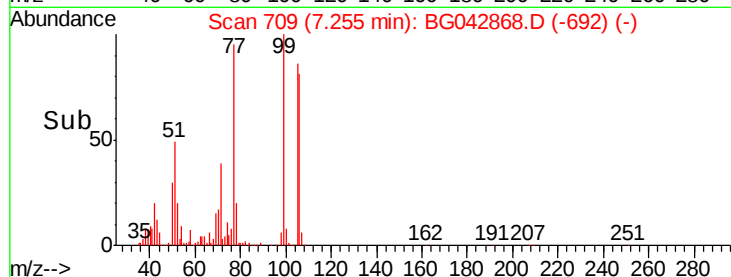
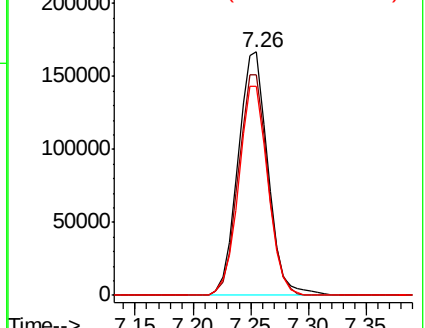
106 85.6 63.4 103.4



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: 38.793 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

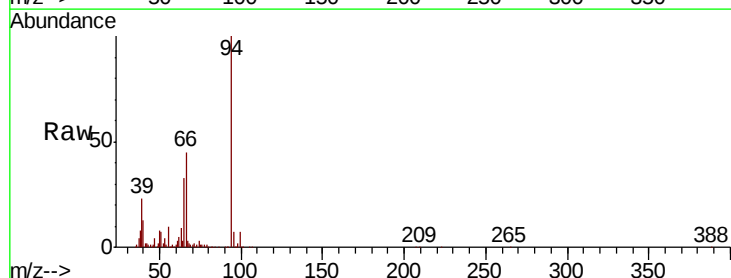
Tgt Ion: 94 Resp: 481107

Ion Ratio Lower Upper

94 100

65 33.3 15.0 55.0

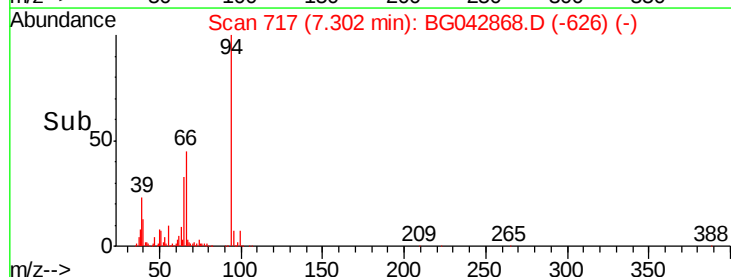
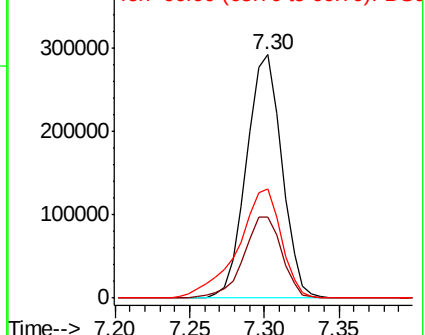
66 45.1 26.1 66.1

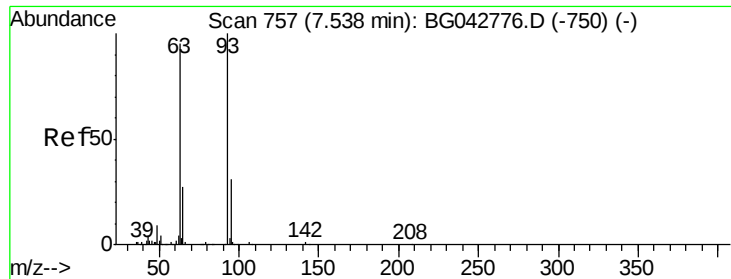


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

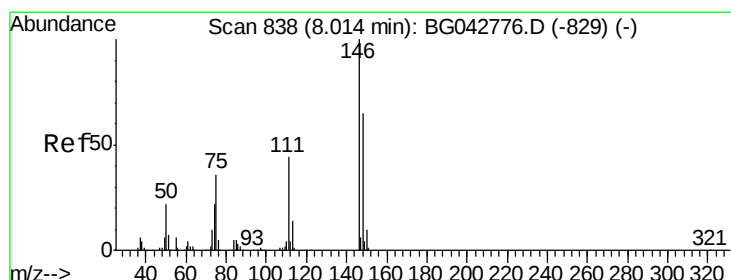
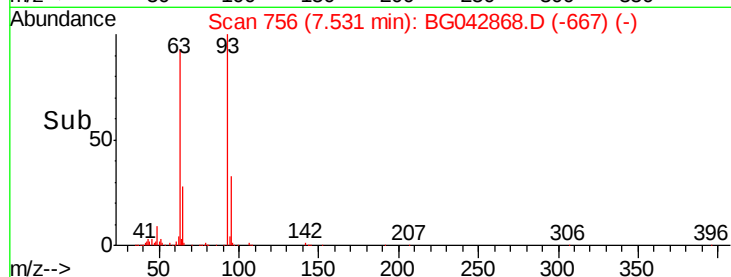
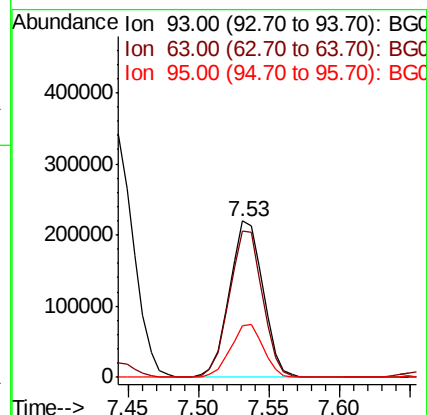
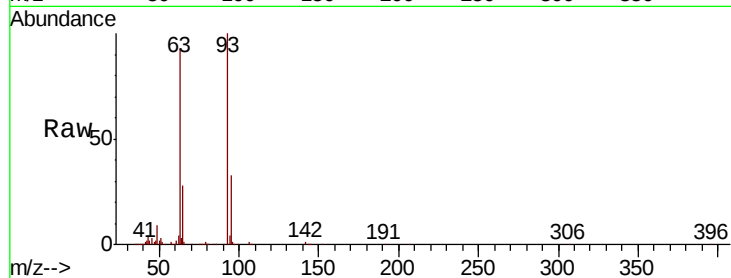




#11
bis(2-Chloroethyl)ether
Concen: 38.041 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

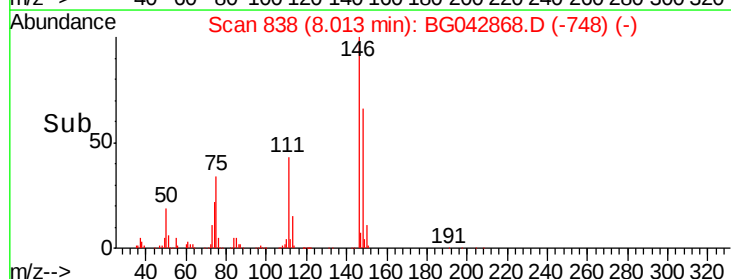
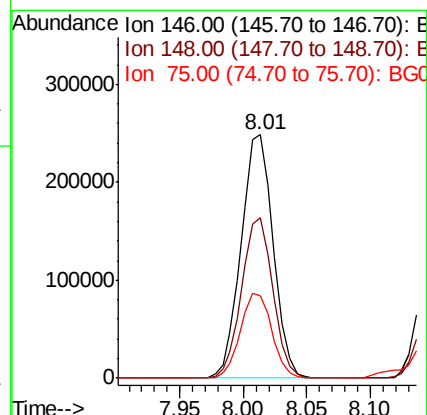
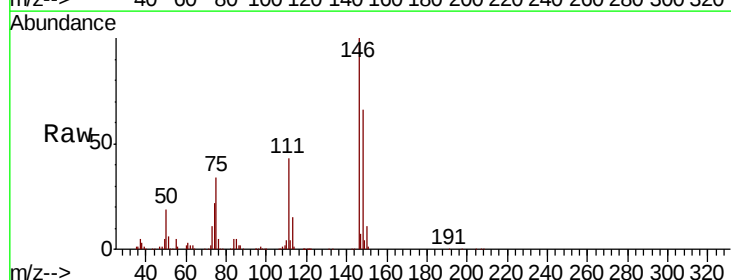
Instrument :
BNA_G
ClientSampleId :

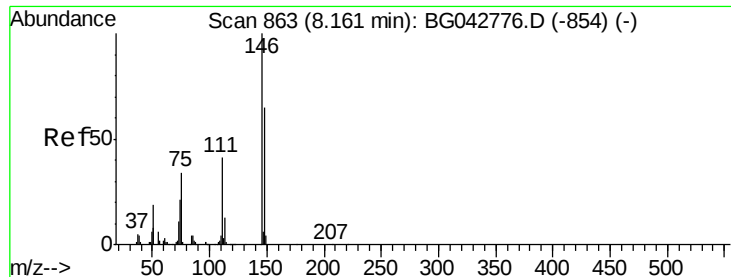
Tot Ion: 93 Resp: 362076
Ion Ratio Lower Upper
93 100
63 93.3 74.7 114.7
95 33.4 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 39.084 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion: 146 Resp: 434147
Ion Ratio Lower Upper
146 100
148 65.7 51.9 77.9
75 33.6 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 38.993 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

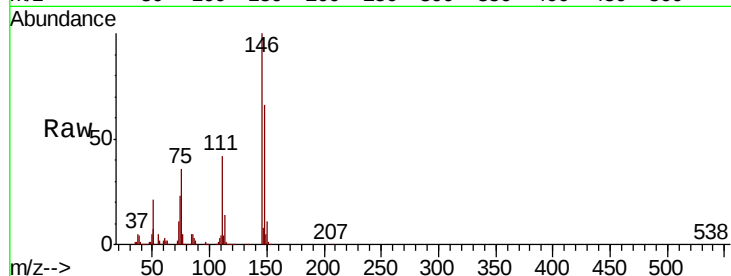
Tot Ion:146 Resp: 433642

Ion Ratio Lower Upper

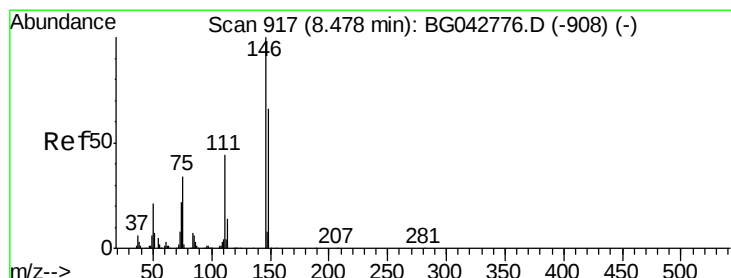
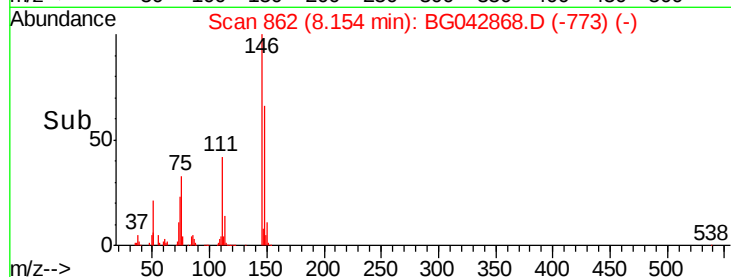
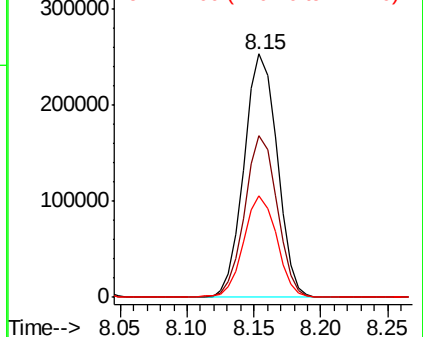
146 100

148 66.2 52.2 78.4

111 41.9 32.6 49.0



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



#14

1,2-Dichlorobenzene

Concen: 38.415 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

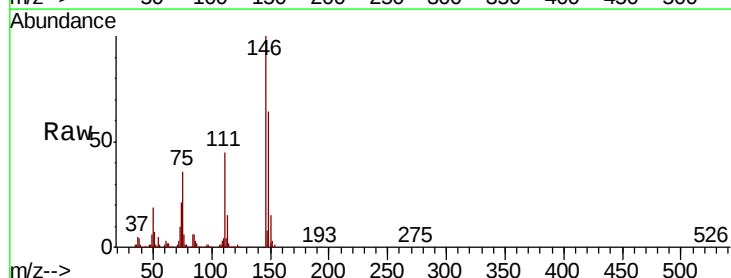
Tgt Ion:146 Resp: 406667

Ion Ratio Lower Upper

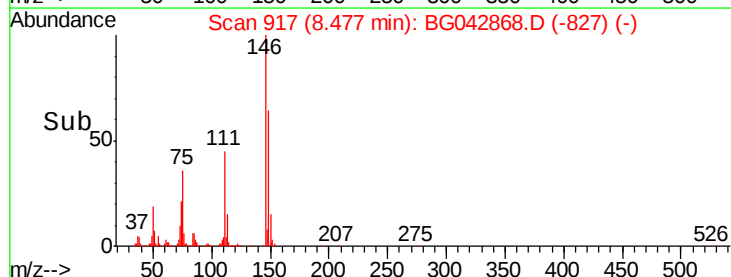
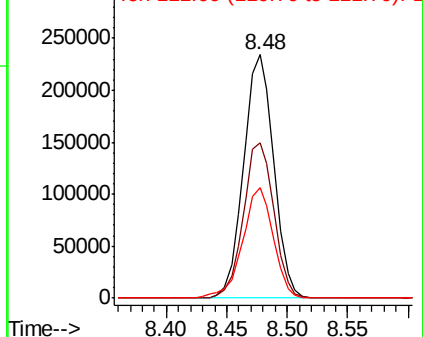
146 100

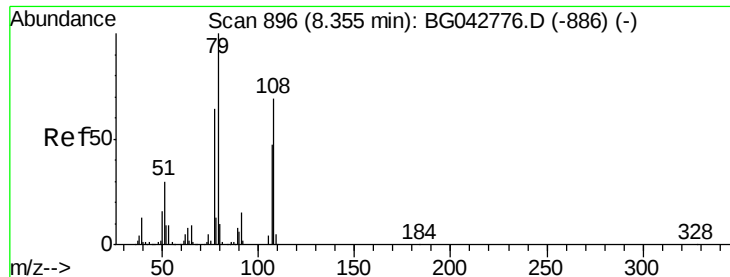
148 64.0 52.6 78.8

111 45.4 35.3 52.9



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: 38.228 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

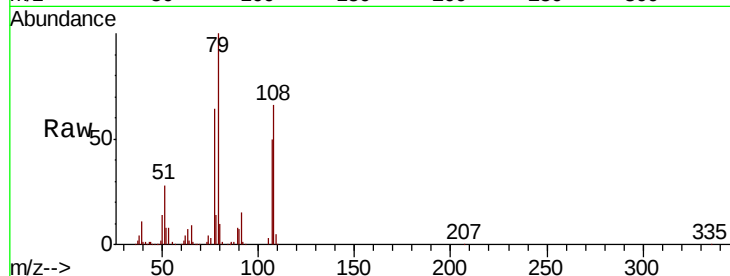
Tot Ion: 79 Resp: 396740

Ion Ratio Lower Upper

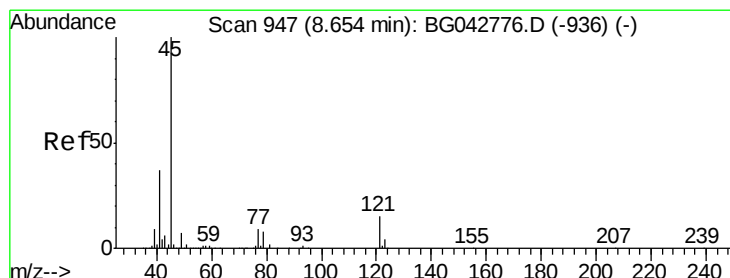
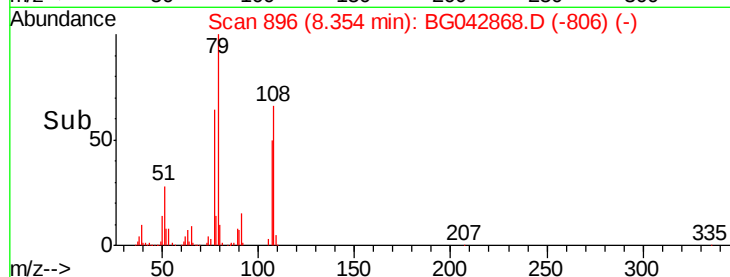
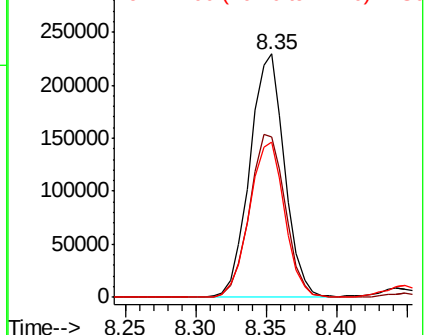
79 100

108 66.1 54.9 82.3

77 63.7 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.411 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

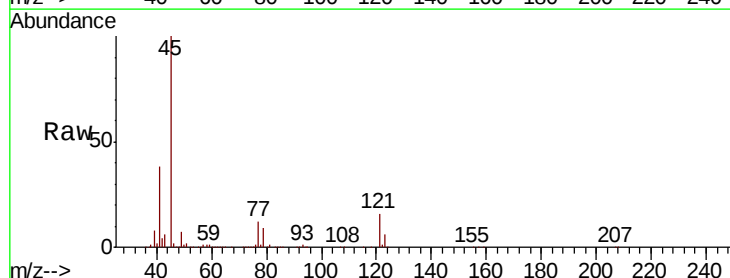
Tgt Ion: 45 Resp: 740146

Ion Ratio Lower Upper

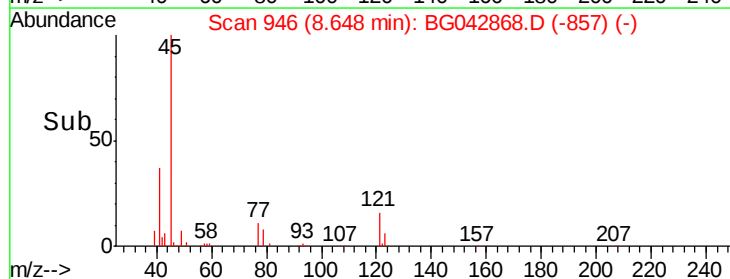
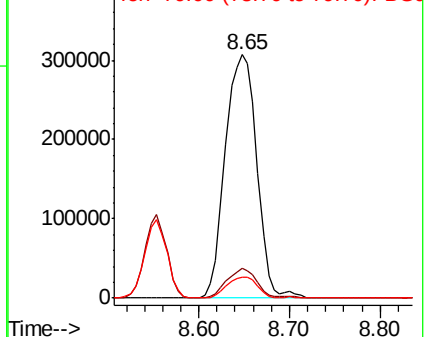
45 100

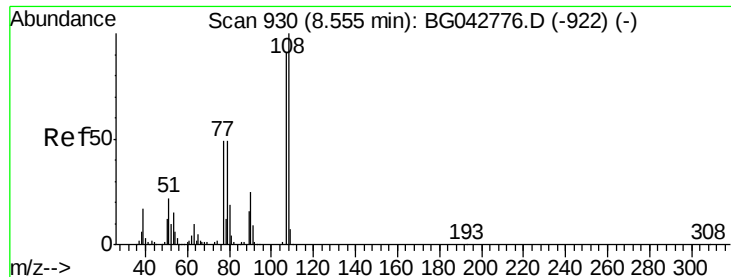
77 12.3 0.0 29.4

79 8.7 0.0 28.4



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





#17

2-Methylphenol

Concen: 39.504 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 327771

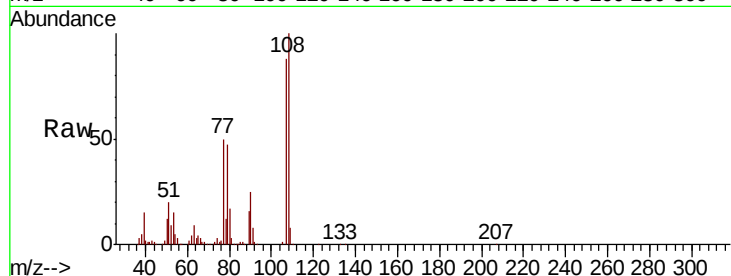
Ion Ratio Lower Upper

107 100

108 113.1 87.7 131.5

77 56.4 42.6 64.0

79 53.7 43.4 65.2

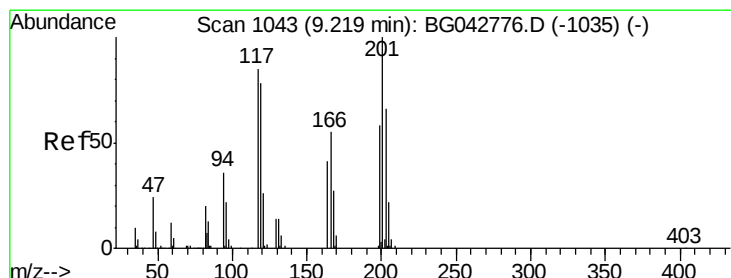
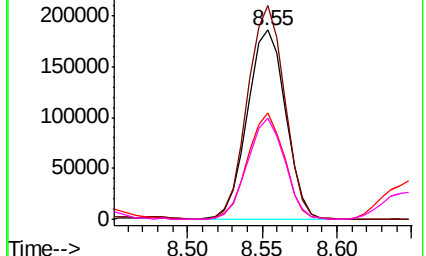
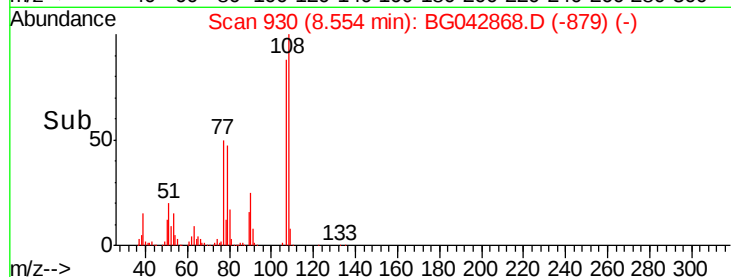


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.985 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

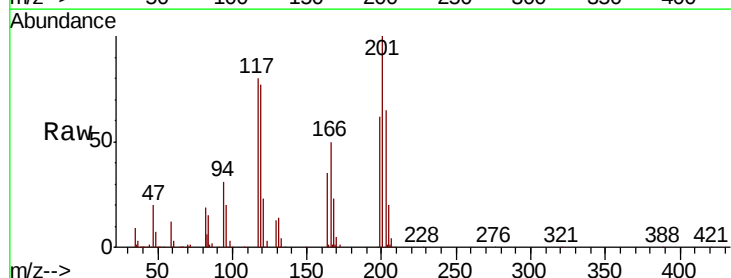
Tgt Ion:117 Resp: 160067

Ion Ratio Lower Upper

117 100

119 96.5 73.8 110.8

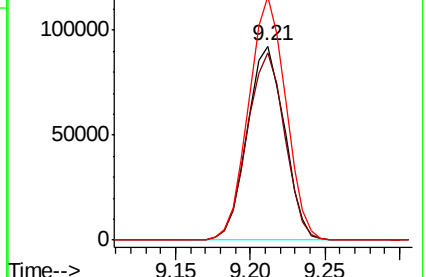
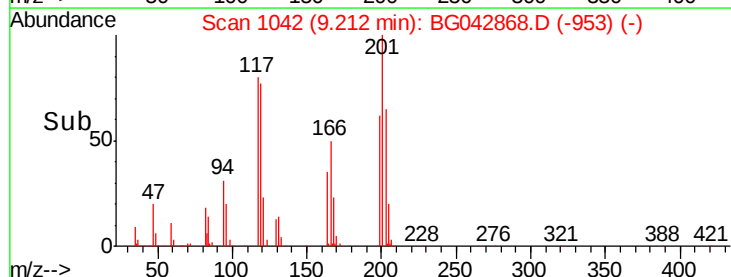
201 125.4 94.6 142.0

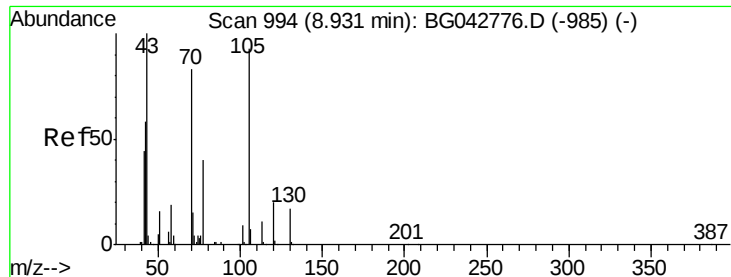


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

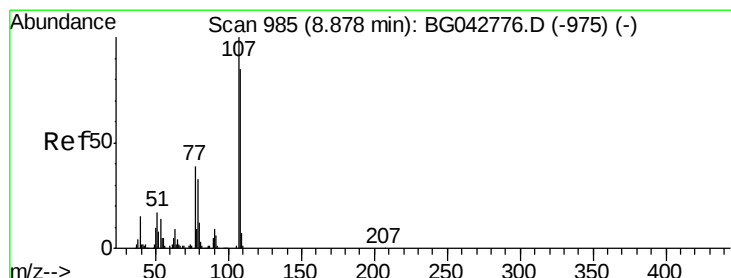
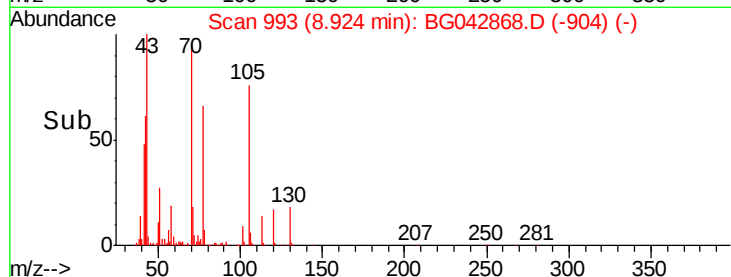
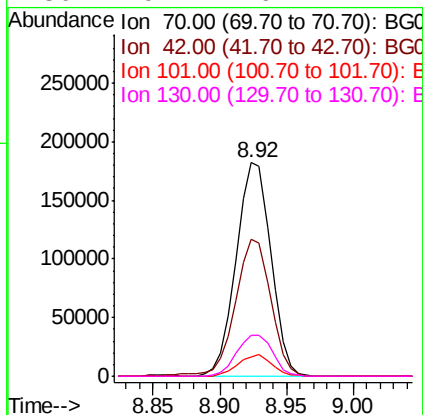
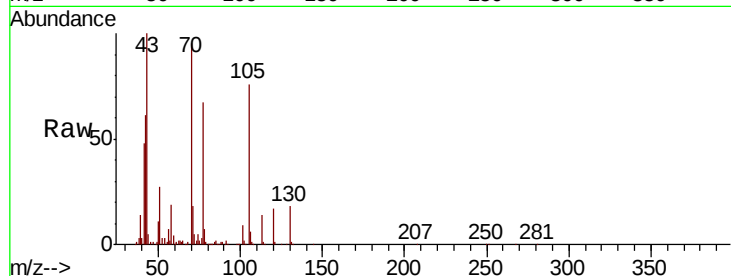




#19
n-Nitroso-di-n-propylamine
Concen: 36.926 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

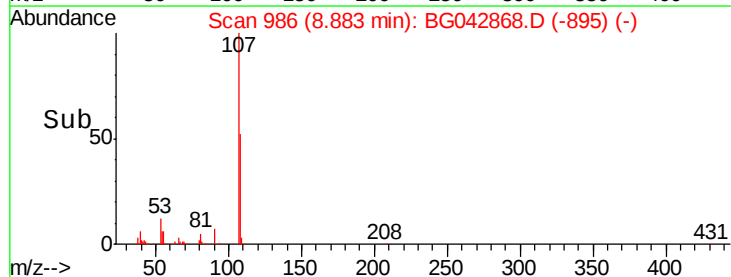
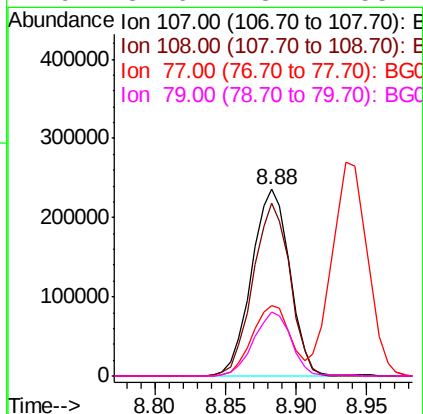
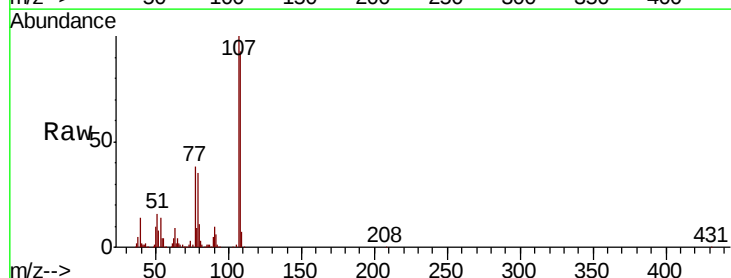
Instrument :
BNA_G
ClientSampleId :

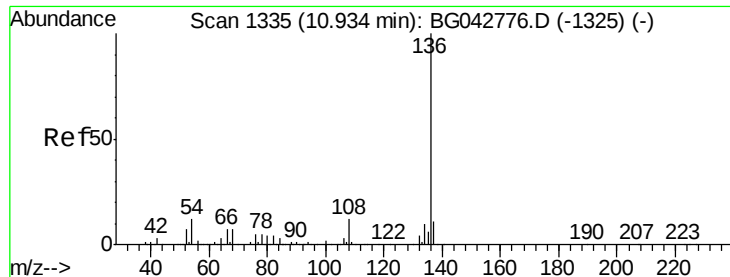
Tot Ion:	70	Resp:	329044
Ion	Ratio	Lower	Upper
70	100		
42	64.3	57.0	85.6
101	9.1	8.4	12.6
130	19.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 39.276 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion:	107	Resp:	449204
Ion	Ratio	Lower	Upper
107	100		
108	92.7	65.4	105.4
77	38.0	18.7	58.7
79	34.6	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 588391

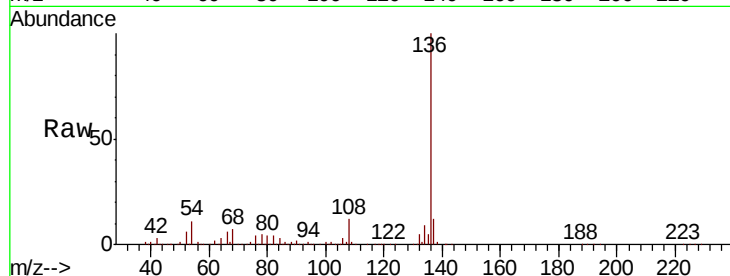
Ion Ratio Lower Upper

136 100

137 12.3 9.0 13.6

54 11.1 9.4 14.0

68 7.0 5.4 8.2

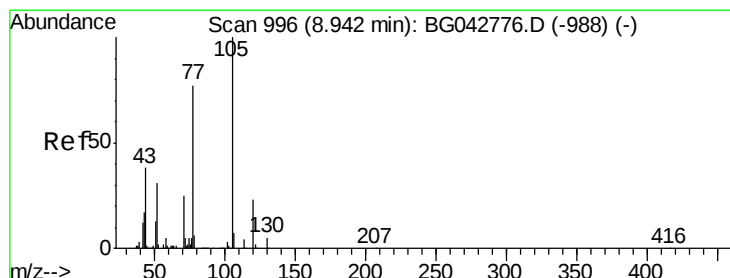
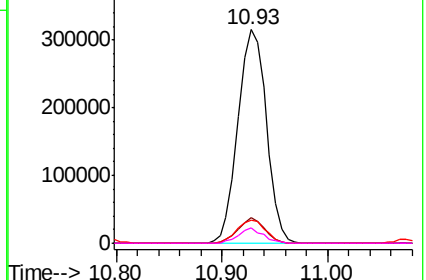
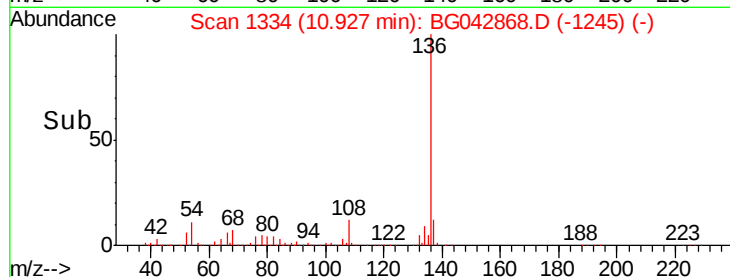


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.164 ng

RT: 8.94 min Scan# 996

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Tgt Ion:105 Resp: 567115

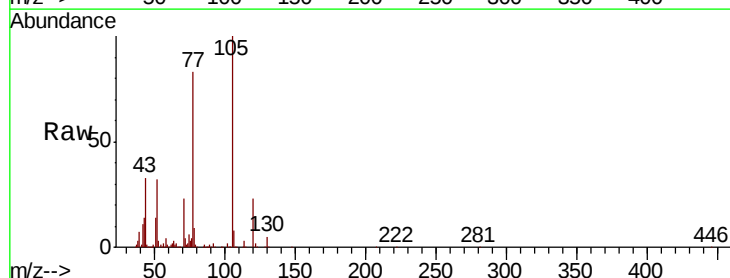
Ion Ratio Lower Upper

105 100

71 3.6 3.7 5.5#

51 31.6 28.8 43.2

120 22.5 18.5 27.7

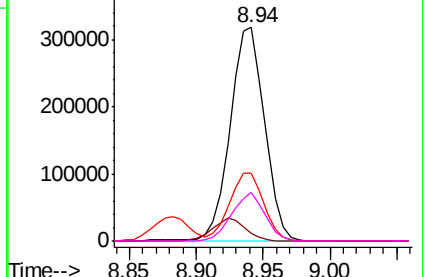
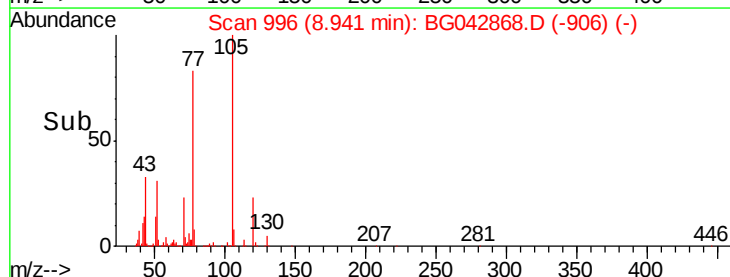


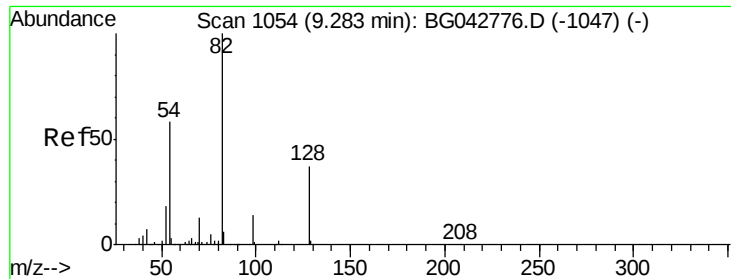
Abundance Ion 105.00 (104.70 to 105.70): E

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

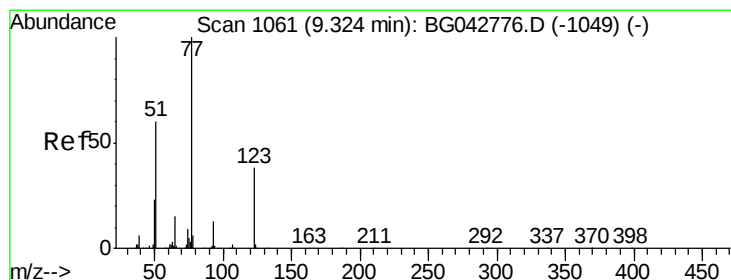
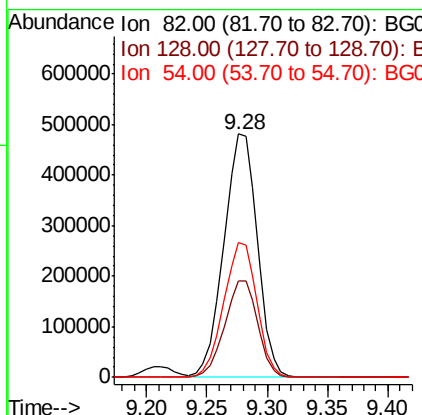
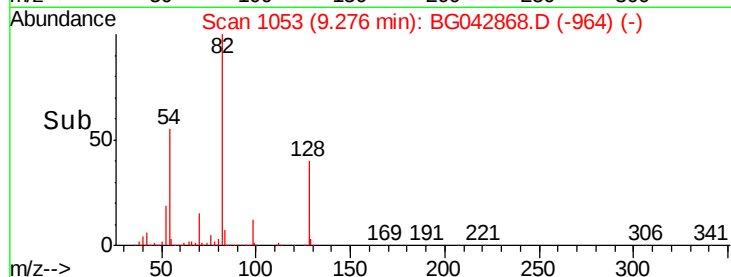
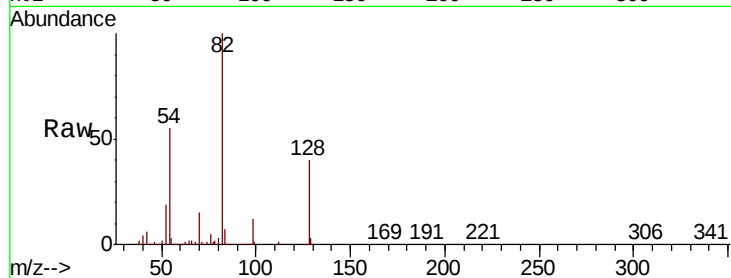




#23
 Nitrobenzene-d5
 Concen: 81.756 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

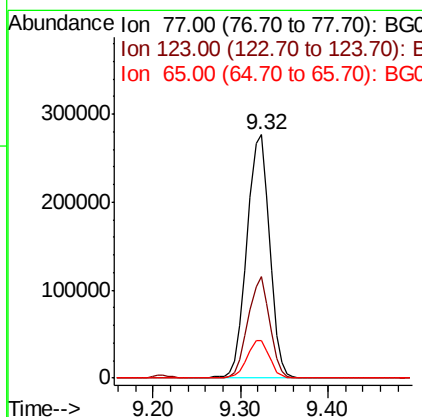
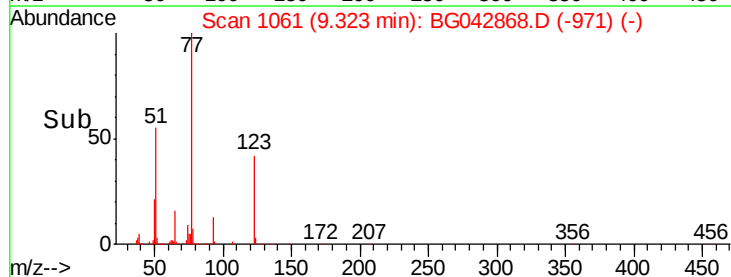
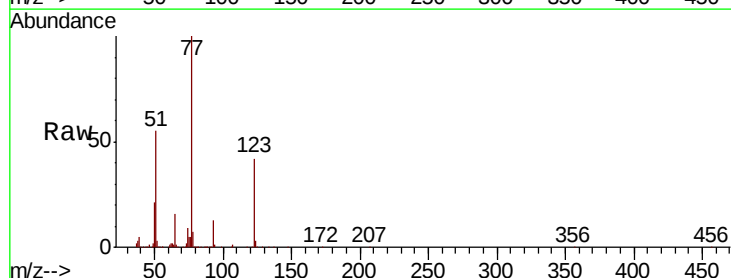
Instrument :
 BNA_G
 ClientSampleId :

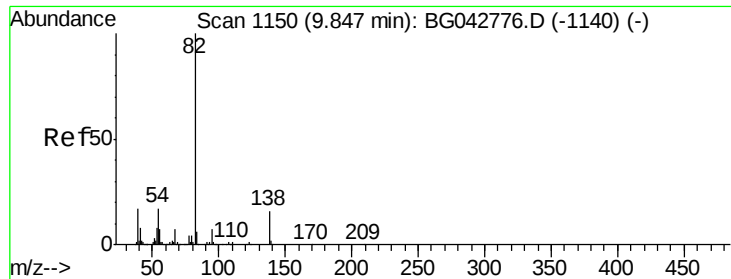
Tot Ion	82	Resp	923973
Ion Ratio	Lower	Upper	
82	100		
128	39.6	29.8	44.8
54	55.5	46.1	69.1



#24
 Nitrobenzene
 Concen: 40.803 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Tgt Ion	77	Resp	484030
Ion Ratio	Lower	Upper	
77	100		
123	41.6	30.7	46.1
65	15.7	12.2	18.4

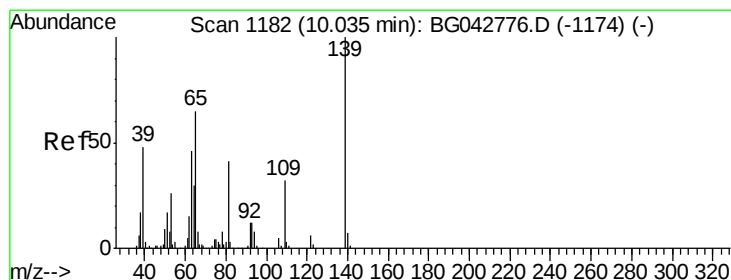
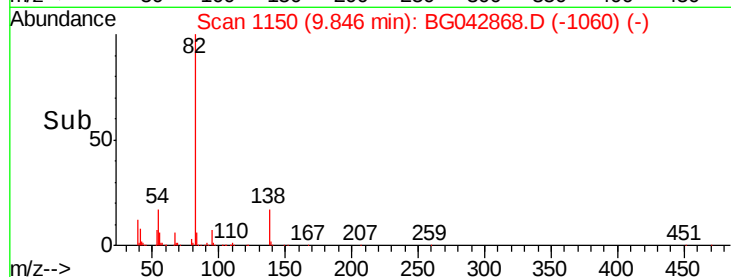
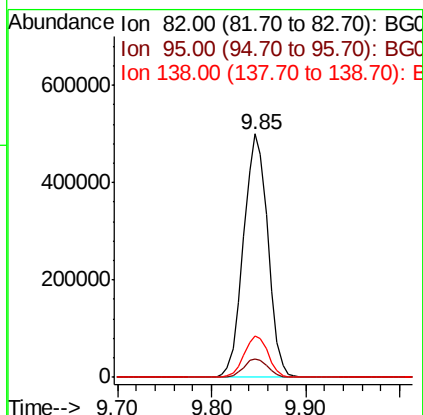
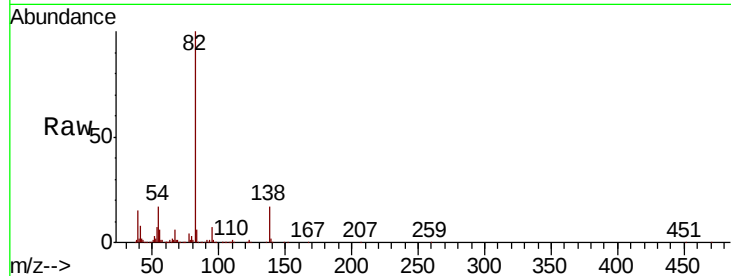




#25
Isophorone
Concen: 37.902 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

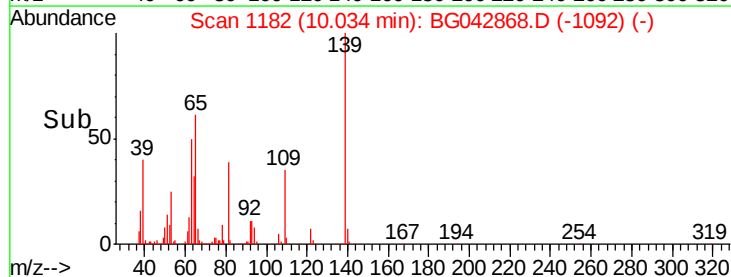
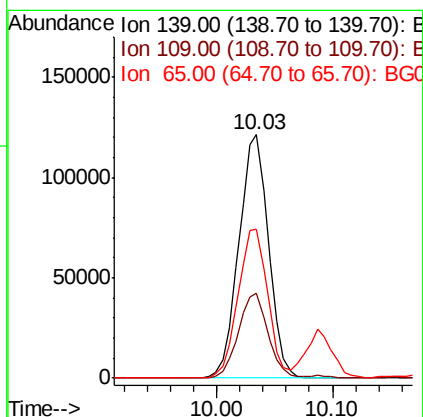
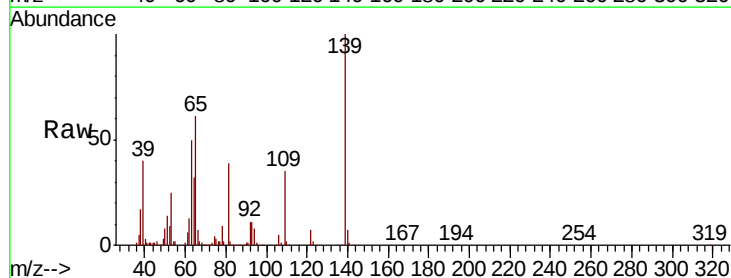
Instrument :
BNA_G
ClientSampleId :

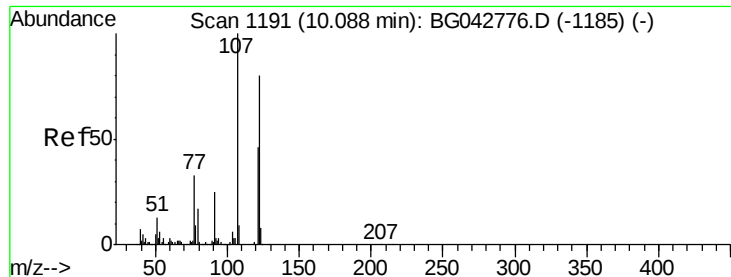
Tot Ion	82	Resp	892874
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.8
138	16.8	12.9	19.3



#26
2-Nitrophenol
Concen: 46.373 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion	139	Resp	216317
Ion Ratio	Lower	Upper	
139	100		
109	35.0	25.8	38.8
65	61.0	52.2	78.2

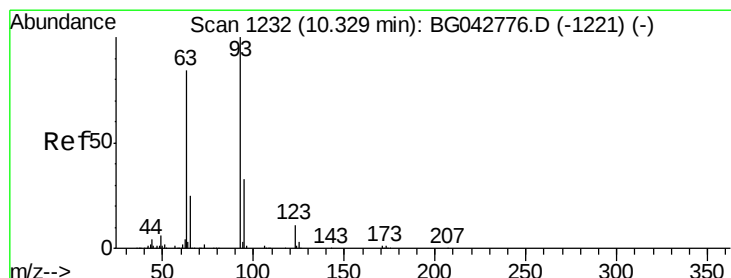
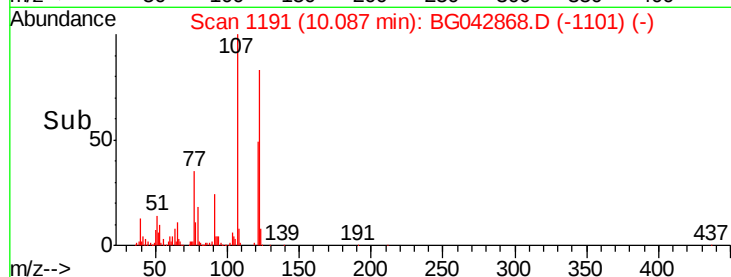
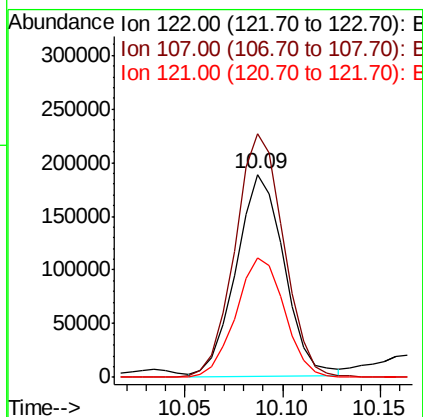
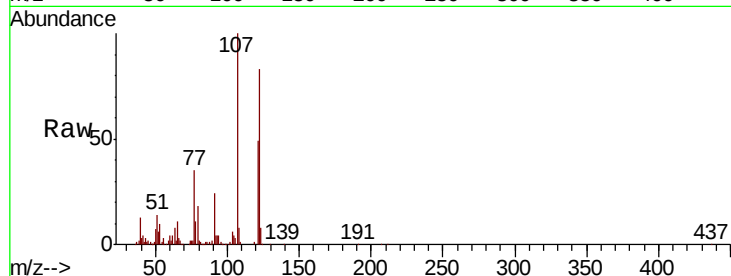




#27
2,4-Dimethylphenol
Concen: 39.226 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

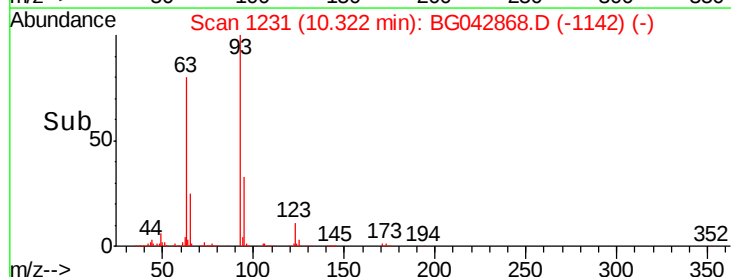
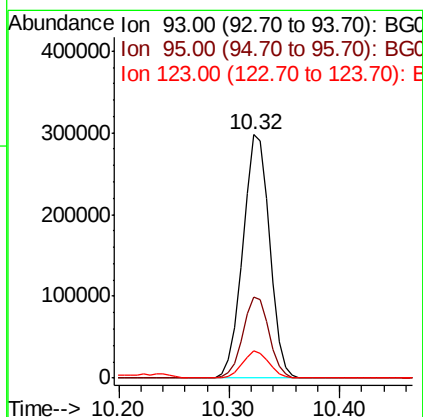
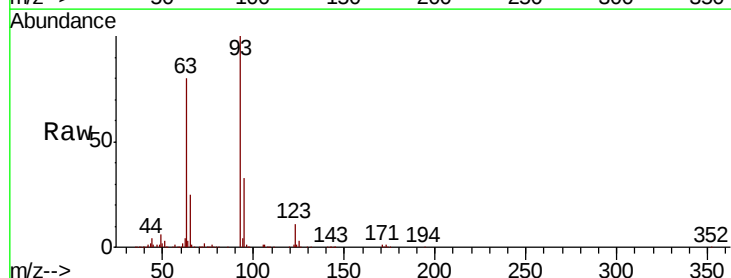
Instrument :
BNA_G
ClientSampleId :

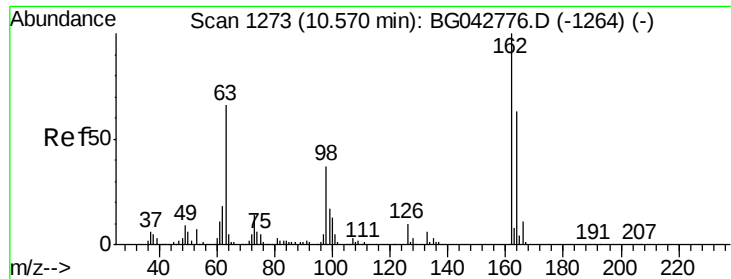
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.9	98.9	148.3
121	58.8	46.2	69.2



#28
bis(2-Chloroethoxy)methane
Concen: 38.667 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	40.0
123	11.1	9.0	13.6

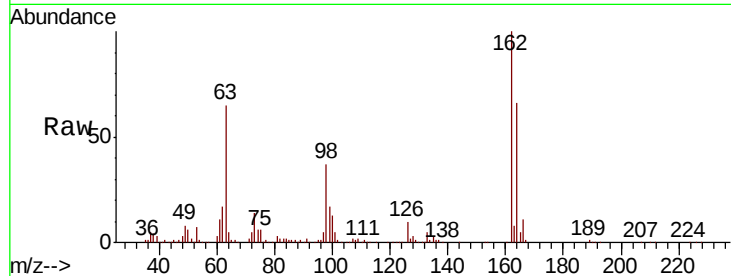




#29
 2,4-Dichlorophenol
 Concen: 40.082 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	43.4	83.4
98	36.7	17.0	57.0

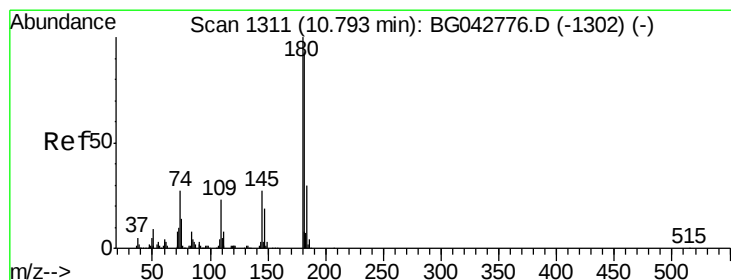
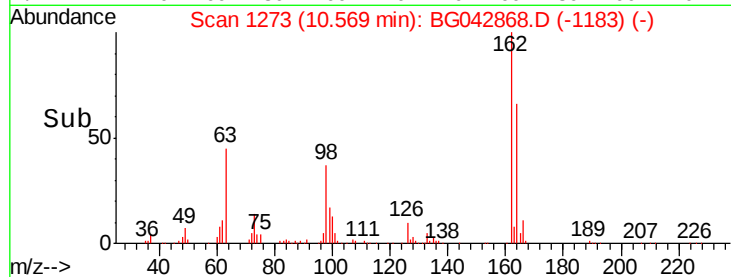
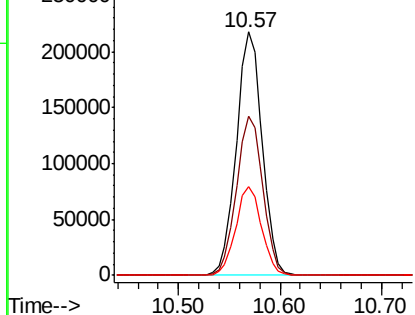


Abundance

Ion 162.00 (161.70 to 162.70): E

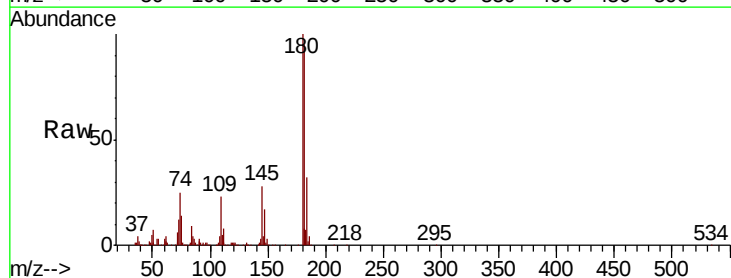
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 40.088 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	74.6	112.0
145	27.6	21.8	32.6

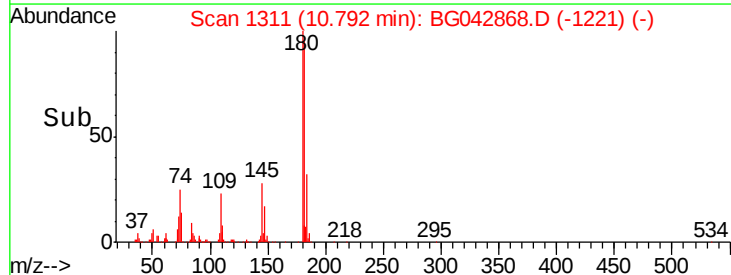
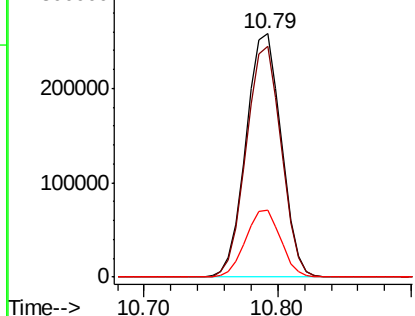


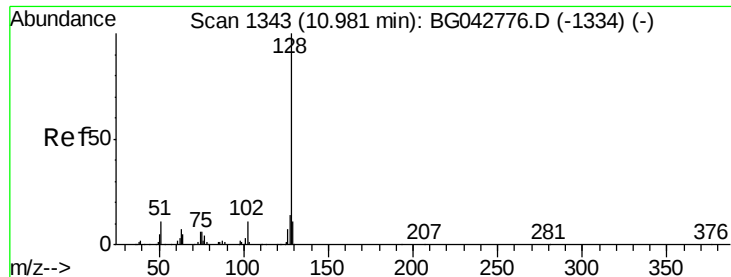
Abundance

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

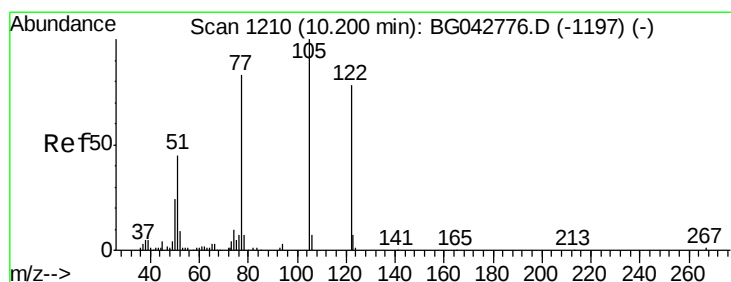
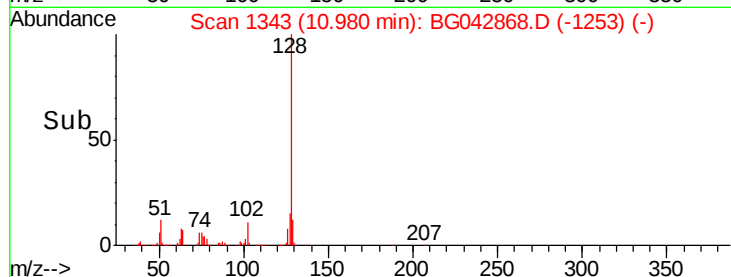
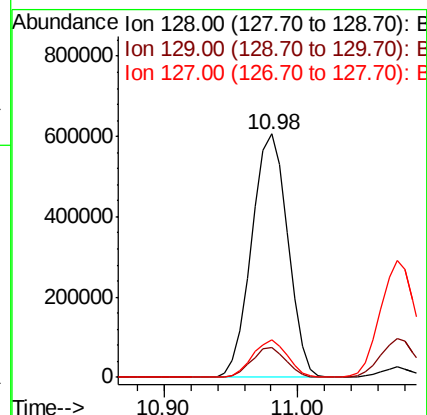
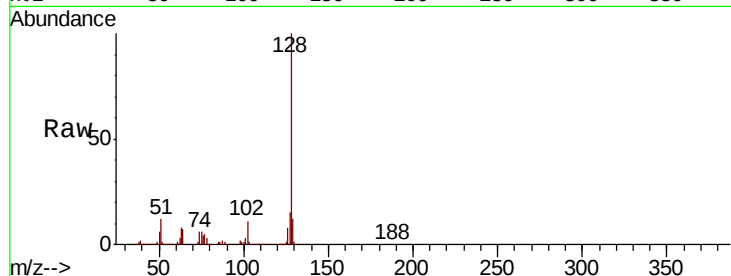




#31
Naphthalene
Concen: 38.940 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

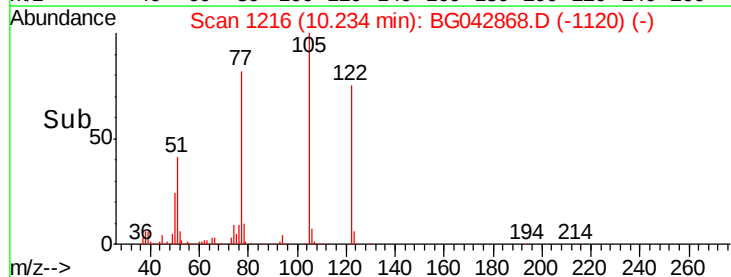
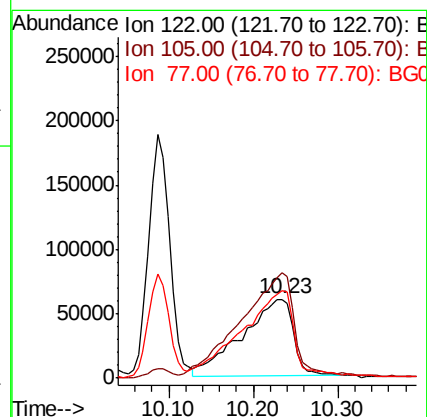
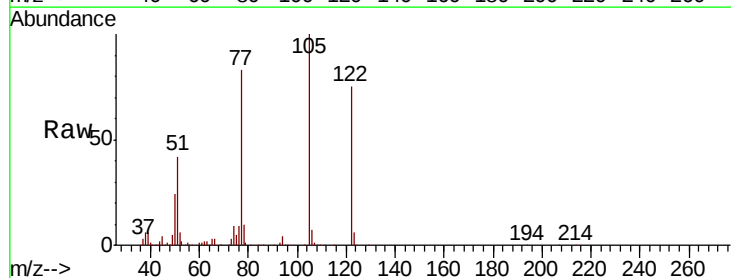
Instrument :
BNA_G
ClientSampleId :

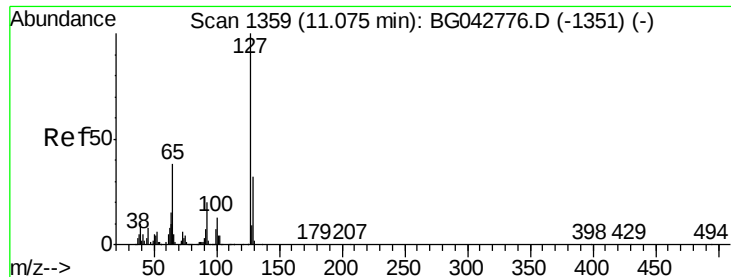
Tot Ion:128 Resp: 1131253
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 15.3 11.4 17.2



#32
Benzoic acid
Concen: 39.109 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.04 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion:122 Resp: 252597
Ion Ratio Lower Upper
122 100
105 134.1 104.0 144.0
77 110.9 84.2 124.2

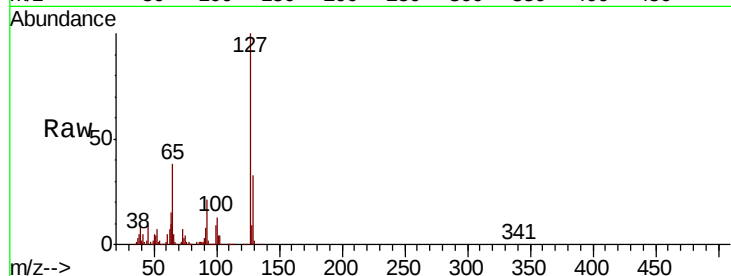




#33
4-Chloroaniline
Concen: 38.868 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	527769
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.8	38.6
65	38.0	30.5	45.7
92	20.6	15.9	23.9



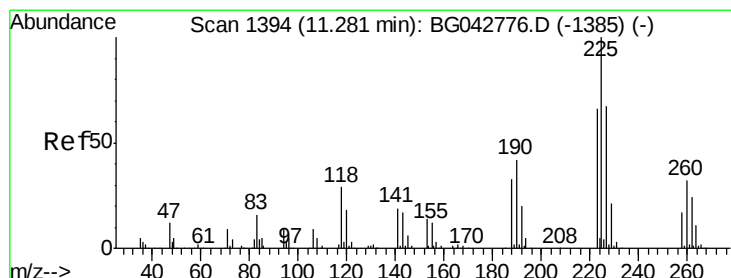
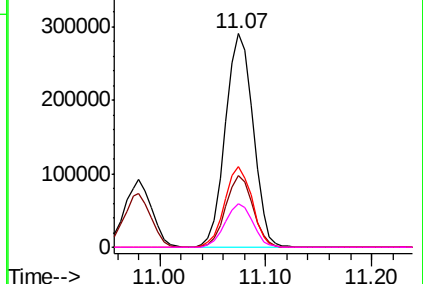
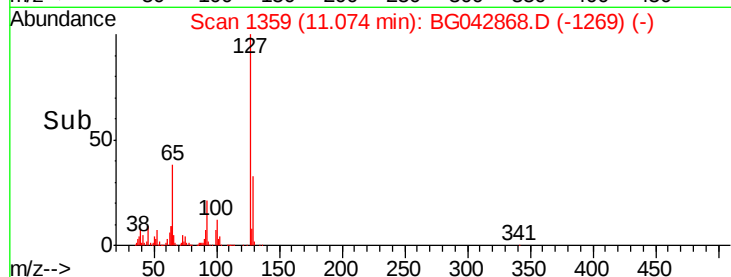
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

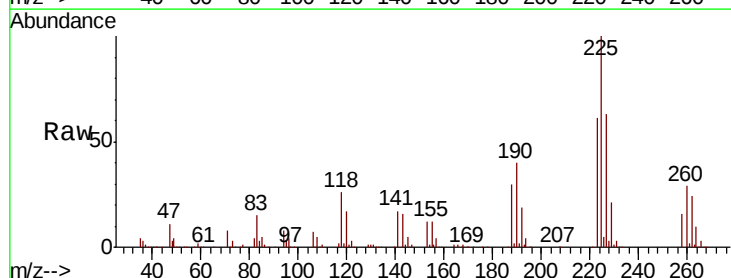
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 39.842 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion:	225	Resp:	326798
Ion	Ratio	Lower	Upper
225	100		
223	60.9	52.6	79.0
227	63.4	53.6	80.4

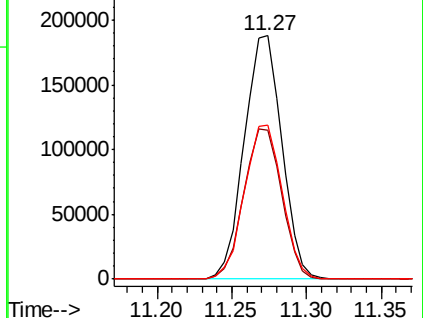
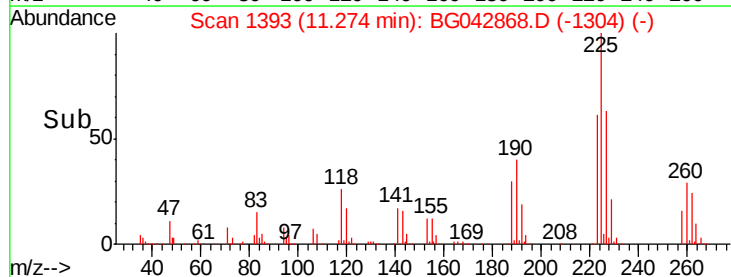


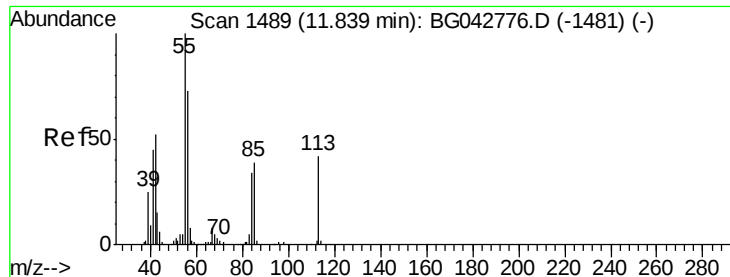
Abundance

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: 38.718 ng

RT: 11.86 min Scan# 1493

Delta R.T. 0.02 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampled :

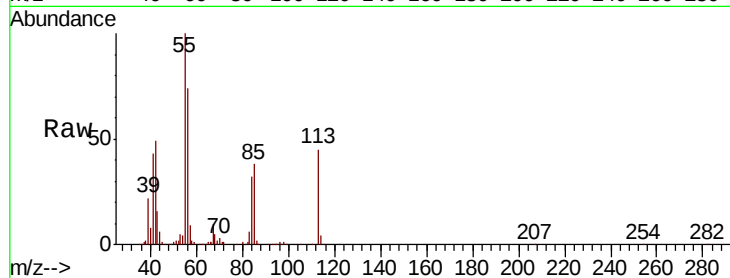
Tot Ion:113 Resp: 138059

Ion Ratio Lower Upper

113 100

55 220.6 218.4 258.4

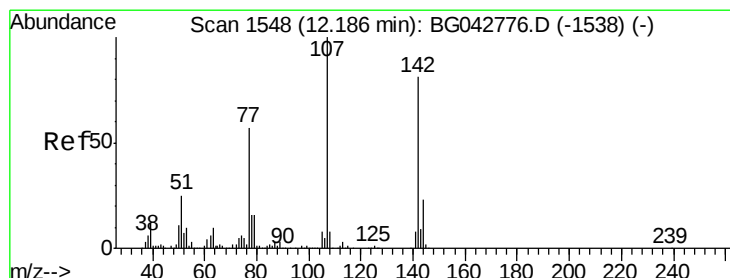
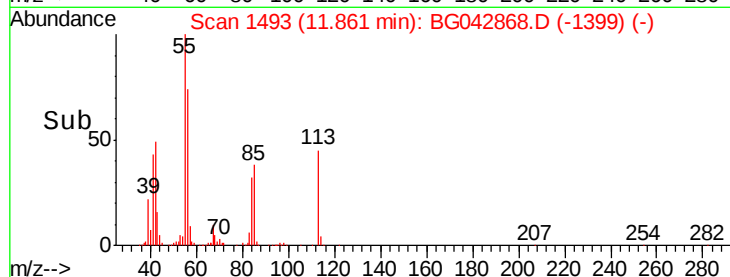
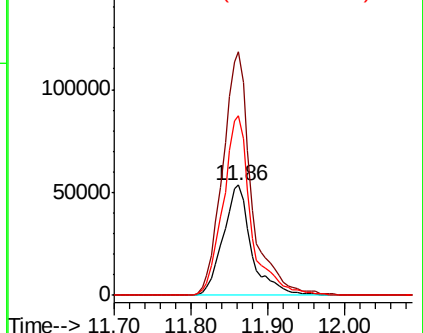
56 162.4 154.8 194.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.794 ng

RT: 12.19 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

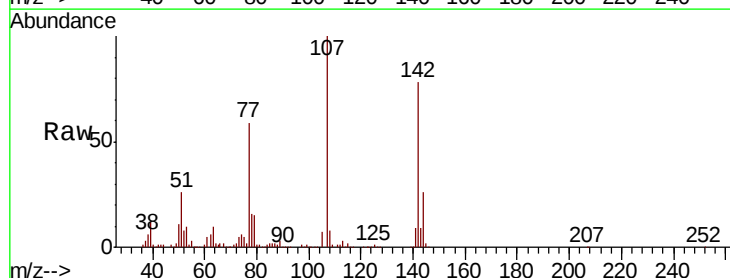
Tgt Ion:107 Resp: 414312

Ion Ratio Lower Upper

107 100

144 25.8 18.7 28.1

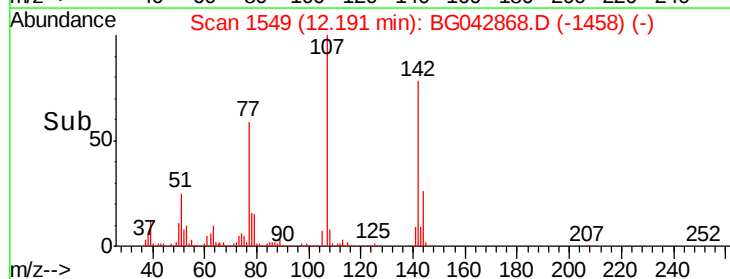
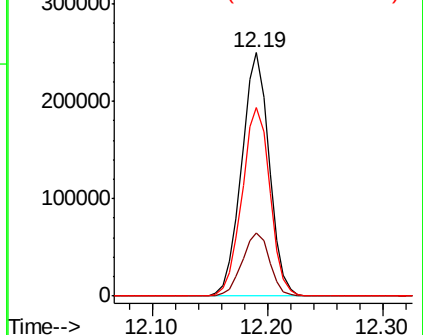
142 77.6 65.0 97.4

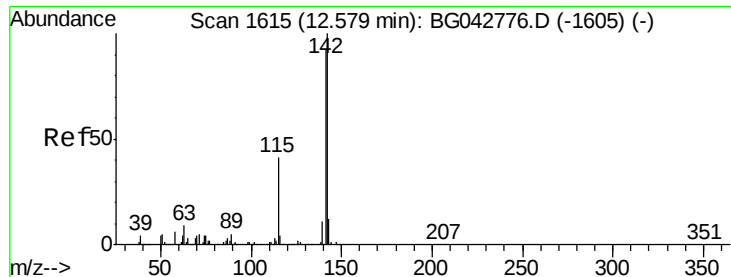


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

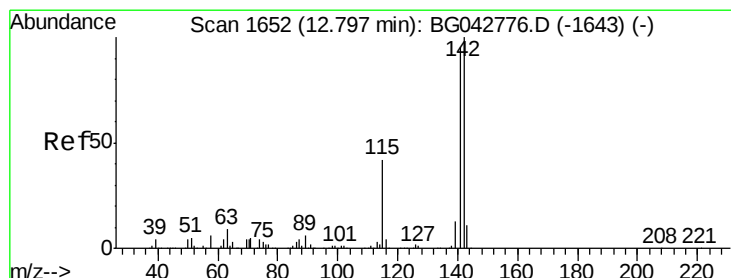
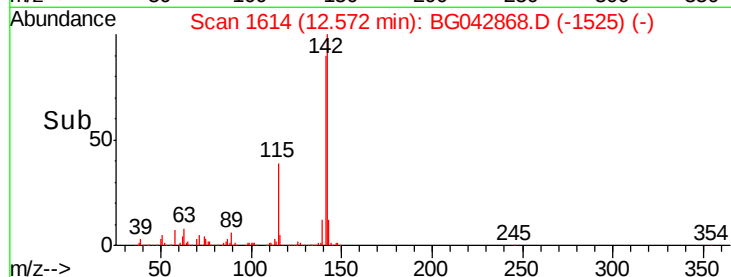
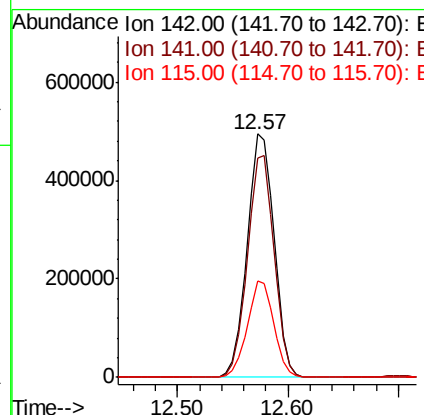
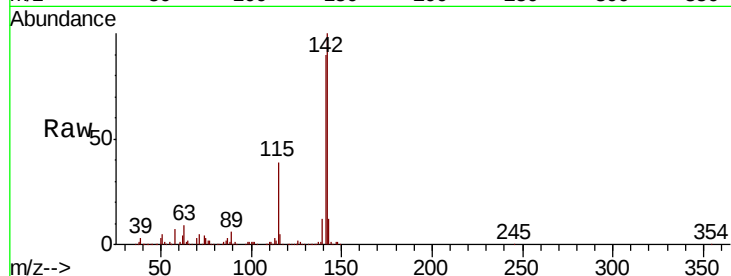




#37
2-Methylnaphthalene
Concen: 39.068 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

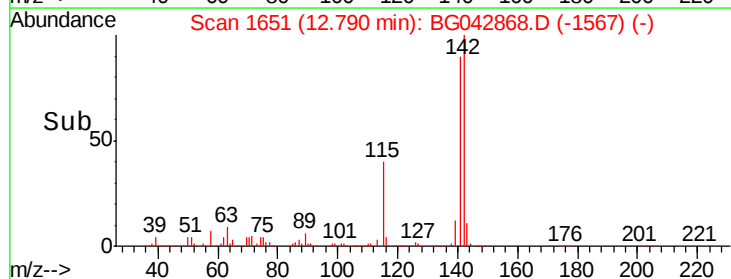
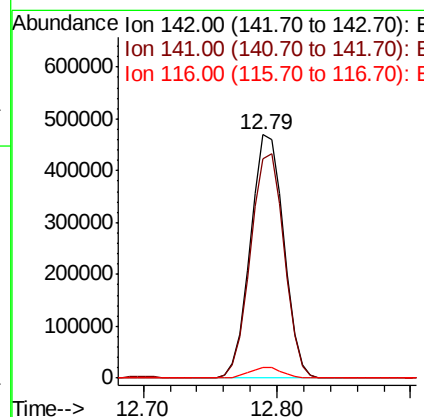
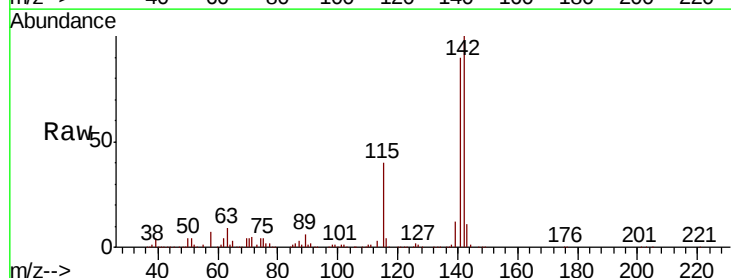
Instrument :
BNA_G
ClientSampleId :

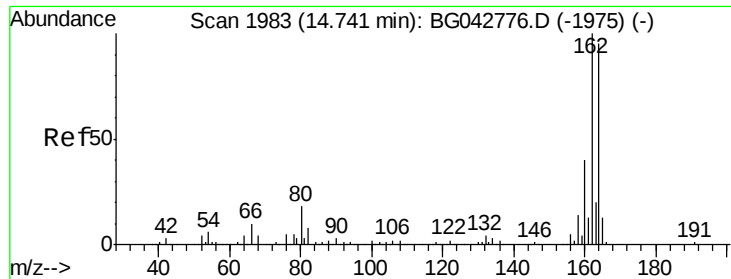
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.8	110.8
115	39.5	33.0	49.4



#38
1-Methylnaphthalene
Concen: 39.530 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	76.3	114.5
116	4.4	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

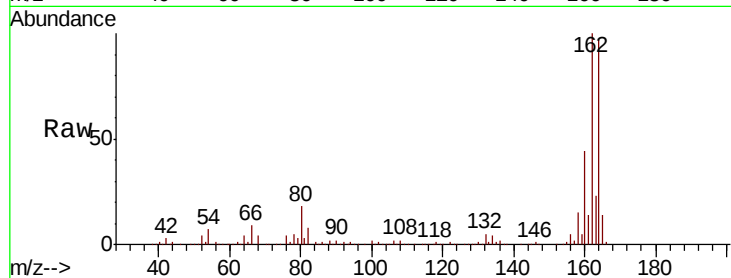
Tot Ion:164 Resp: 396505

Ion Ratio Lower Upper

164 100

162 103.0 84.6 126.8

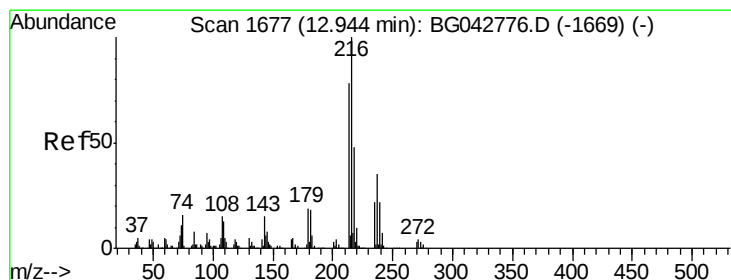
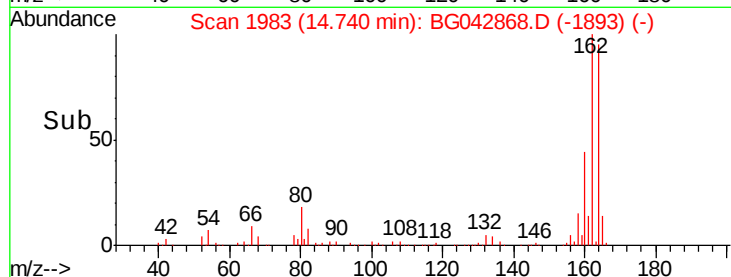
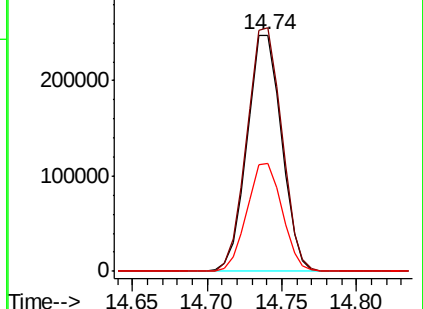
160 45.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.240 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Tgt Ion:216 Resp: 527240

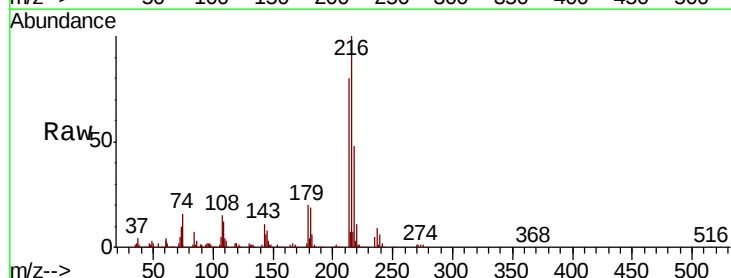
Ion Ratio Lower Upper

216 100

214 79.9 62.8 94.2

179 19.6 15.3 22.9

108 15.3 12.9 19.3

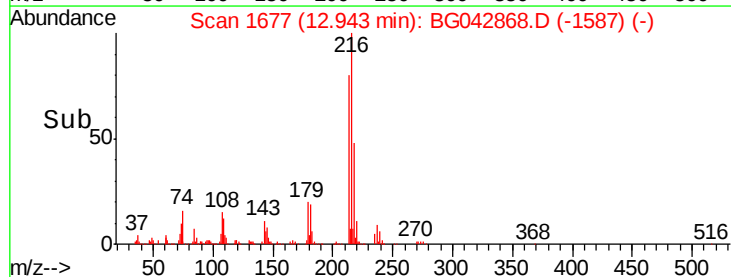
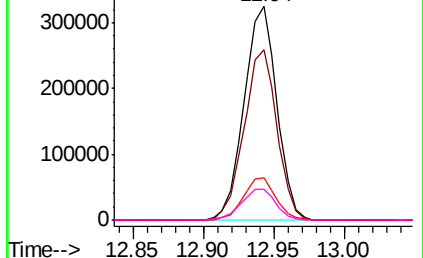


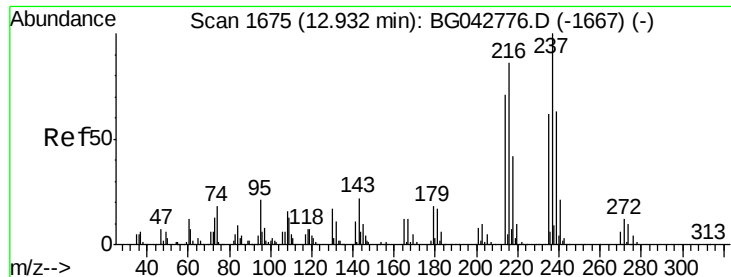
Abundance Ion 216.00 (215.70 to 216.70): E

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: 22.520 ng

RT: 12.92 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

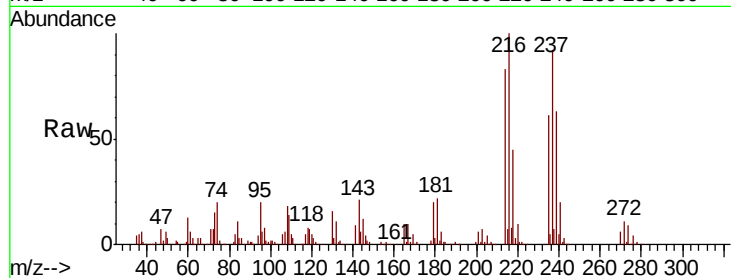
Tot Ion:237 Resp: 169032

Ion Ratio Lower Upper

237 100

235 65.9 41.9 81.9

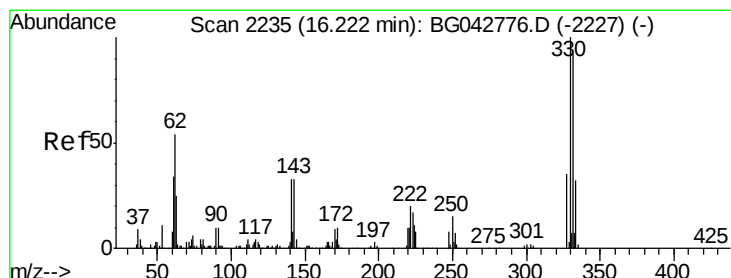
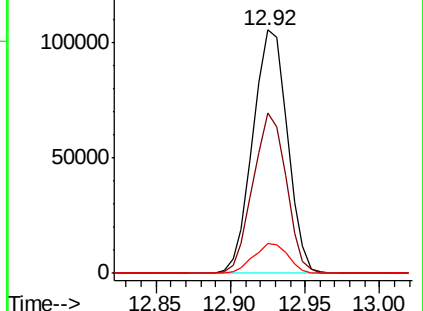
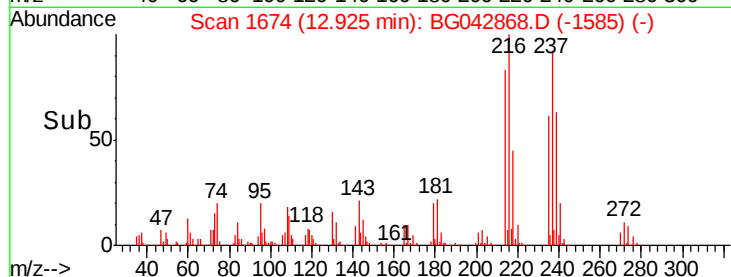
272 12.1 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.419 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

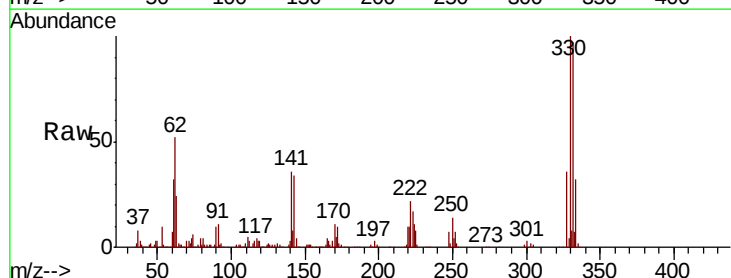
Tgt Ion:330 Resp: 424226

Ion Ratio Lower Upper

330 100

332 96.7 76.7 115.1

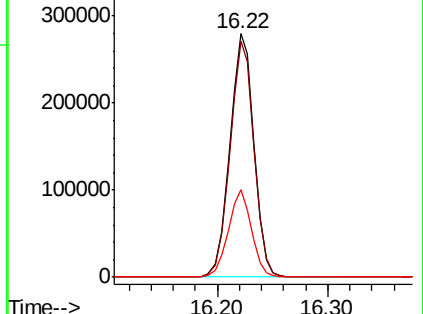
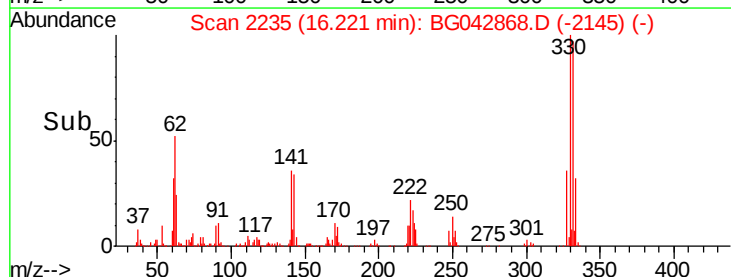
141 34.5 27.0 40.6

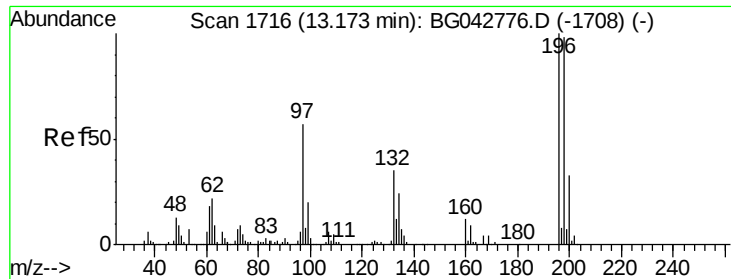


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

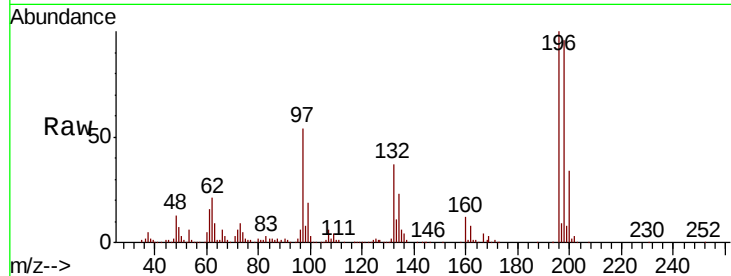




#43
 2,4,6-Trichlorophenol
 Concen: 41.541 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.8	118.2
200	33.5	26.2	39.4

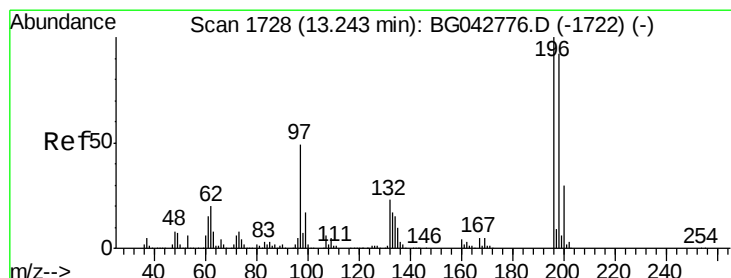
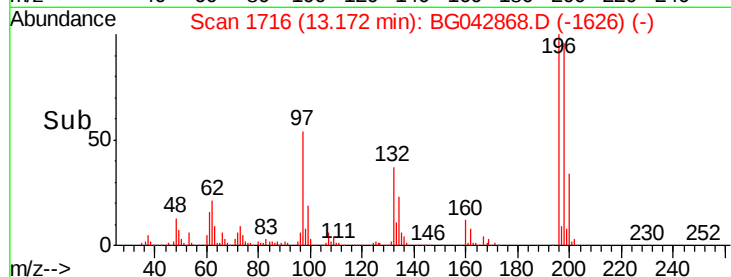
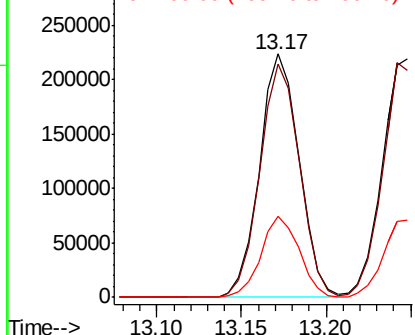


Abundance

Ion 196.00 (195.70 to 196.70): E

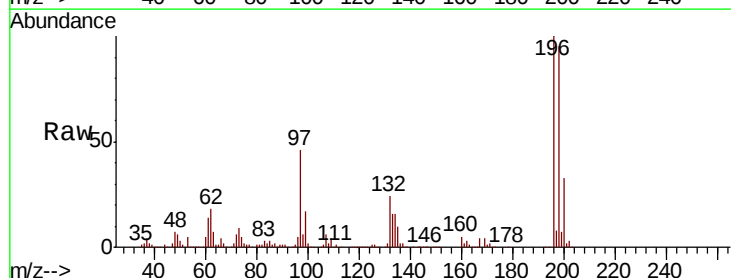
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.037 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	73.4	110.0
97	46.4	39.2	58.8
132	23.8	18.7	28.1



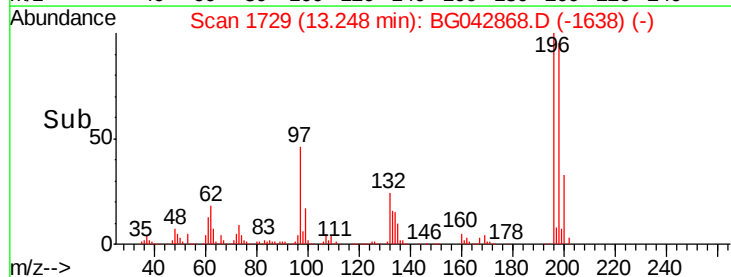
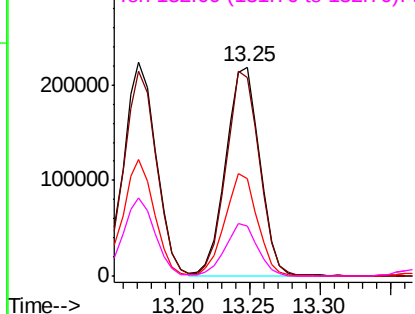
Abundance

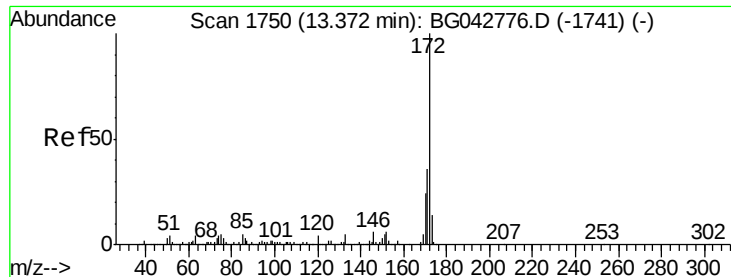
Ion 196.00 (195.70 to 196.70): E

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



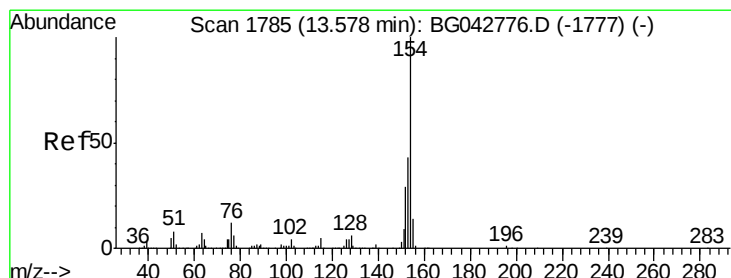
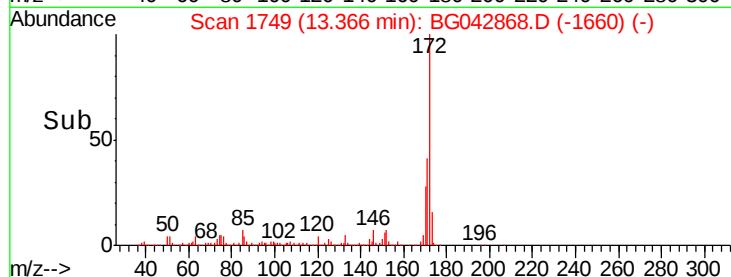
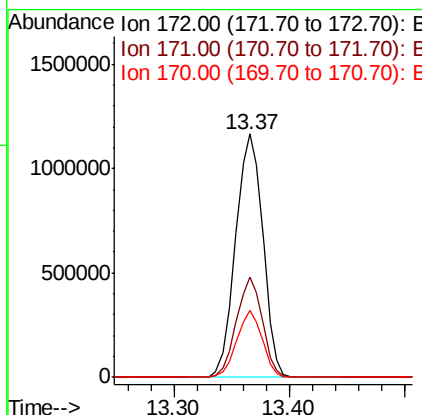
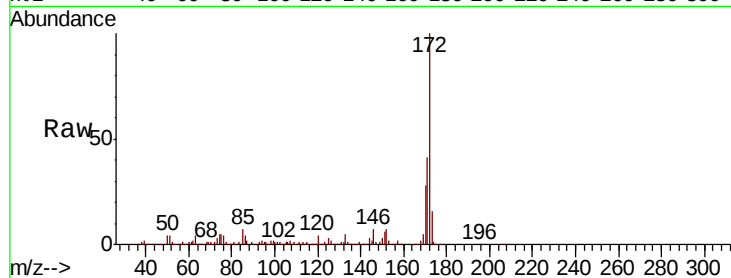


#45
 2-Fluorobiphenyl
 Concen: 75.892 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1900997

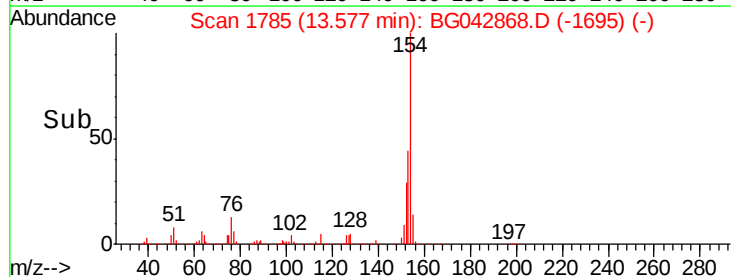
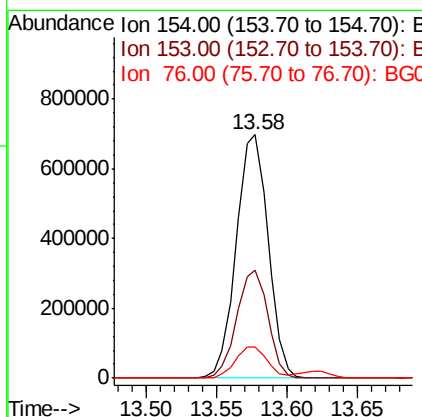
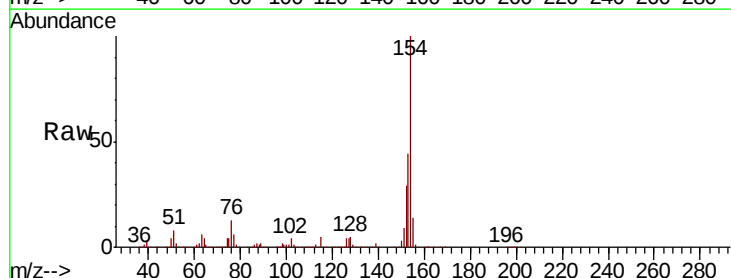
Ion	Ratio	Lower	Upper
172	100		
171	41.1	28.9	43.3
170	27.7	19.1	28.7

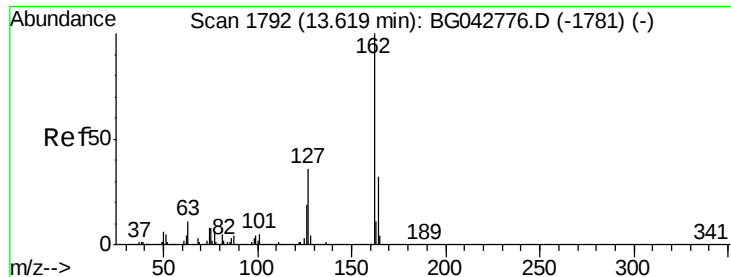


#46
 1,1'-Biphenyl
 Concen: 39.583 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Tgt Ion:154 Resp: 1098746

Ion	Ratio	Lower	Upper
154	100		
153	44.2	22.6	62.6
76	12.7	0.0	32.2





#47

2-Chloronaphthalene

Concen: 39.821 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

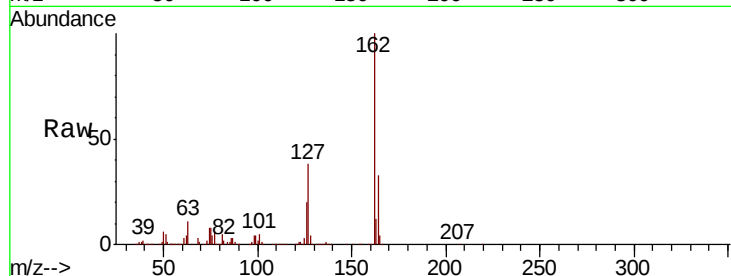
Tot Ion:162 Resp: 914380

Ion Ratio Lower Upper

162 100

127 37.7 29.3 43.9

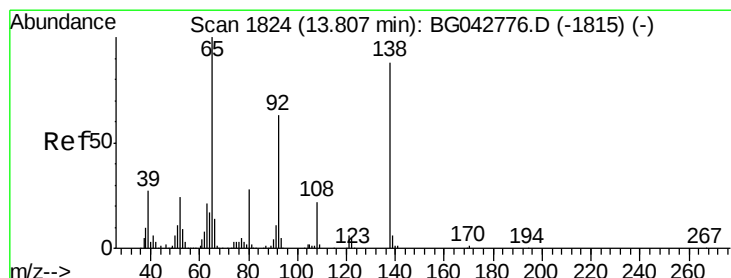
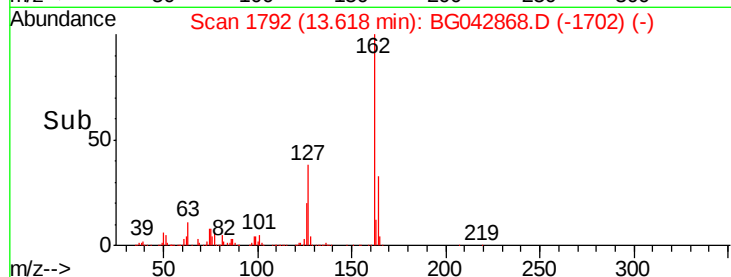
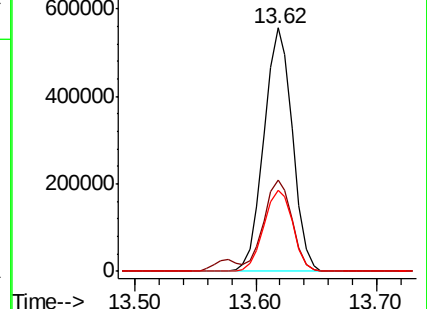
164 33.2 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.816 ng

RT: 13.81 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

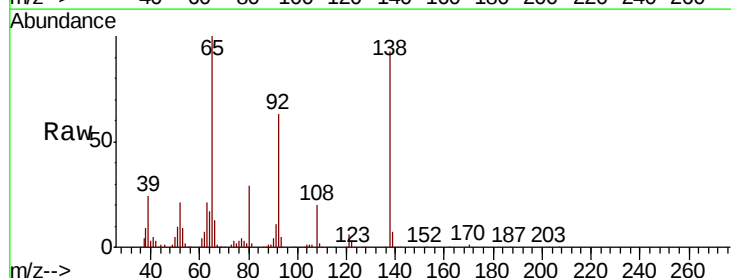
Tgt Ion: 65 Resp: 349015

Ion Ratio Lower Upper

65 100

92 63.5 50.4 75.6

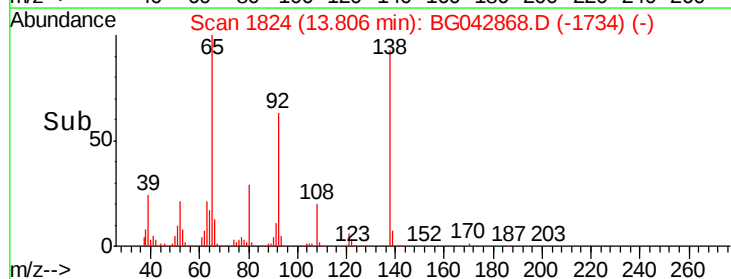
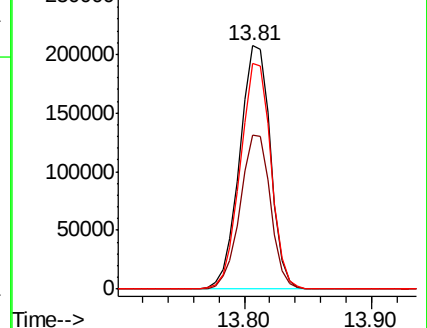
138 92.9 70.6 106.0

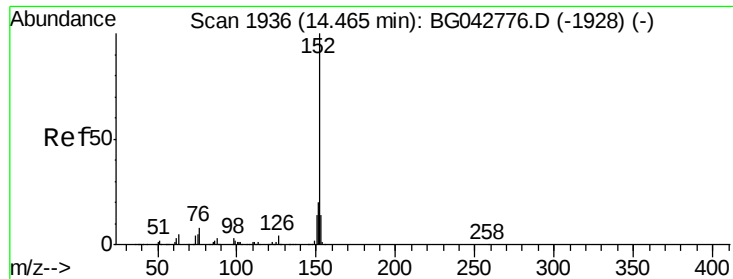


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.724 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

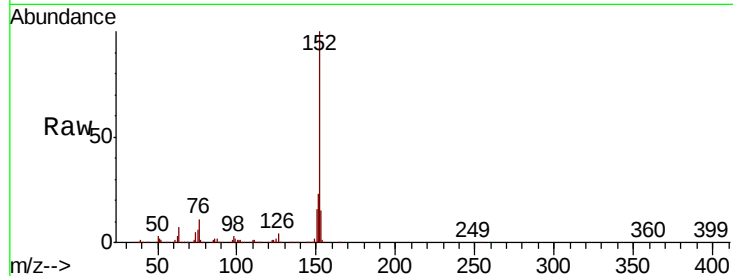
Tot Ion:152 Resp: 1358825

Ion Ratio Lower Upper

152 100

151 22.5 16.0 24.0

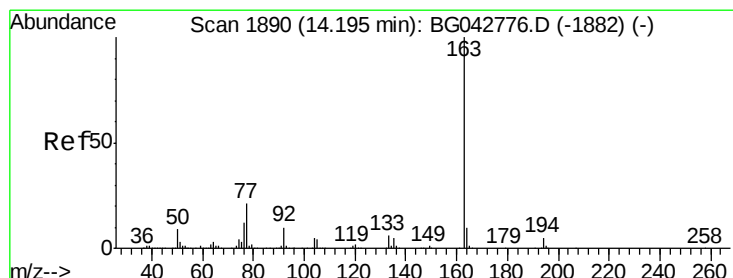
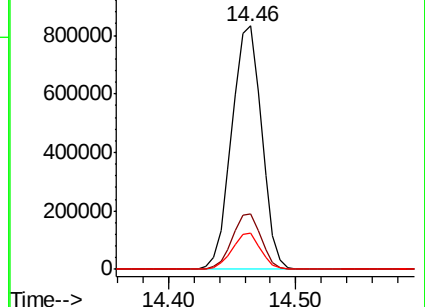
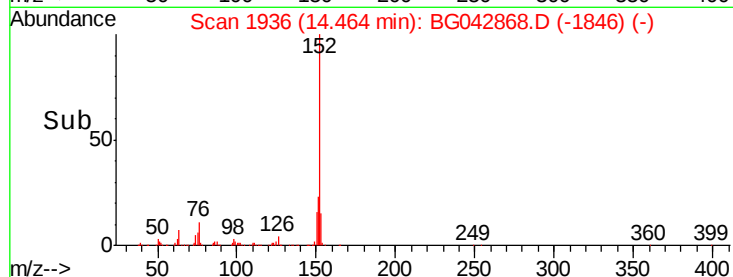
153 14.7 11.4 17.0



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: 37.493 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

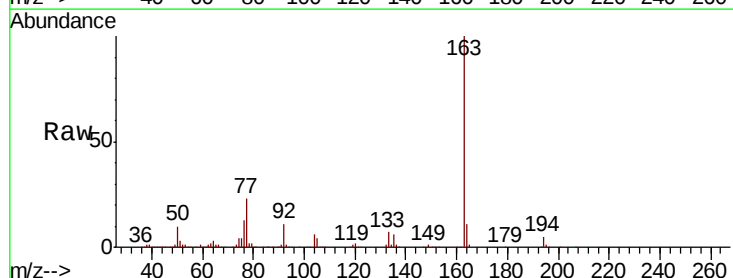
Tgt Ion:163 Resp: 1113651

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.4

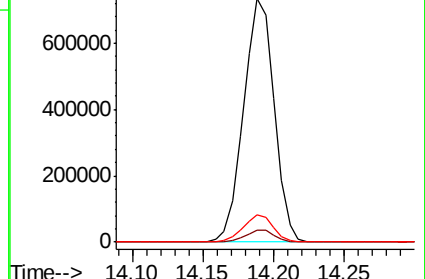
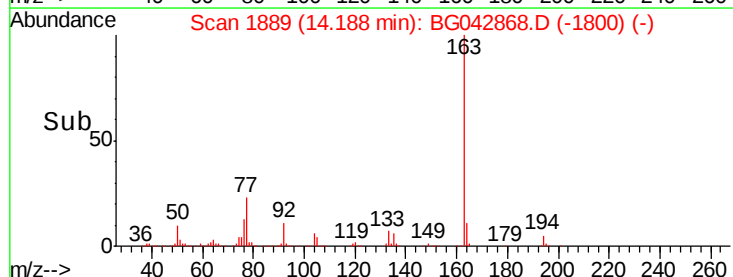
164 11.2 8.4 12.6

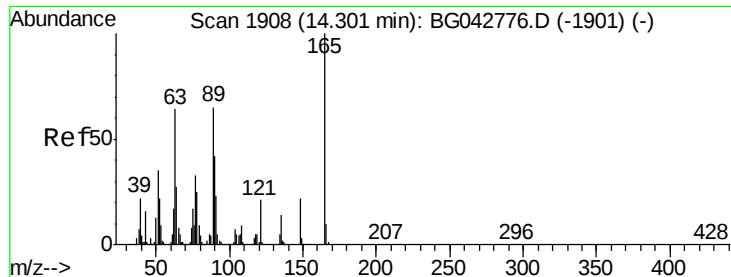


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.006 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

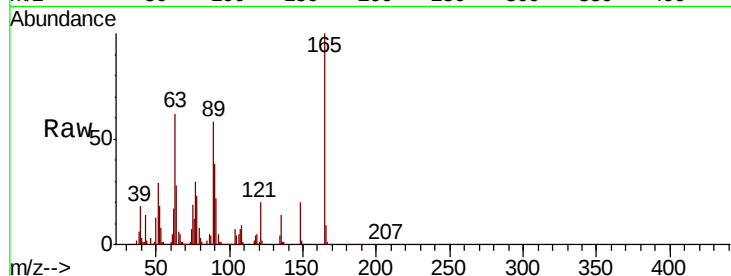
Tot Ion:165 Resp: 262114

Ion Ratio Lower Upper

165 100

63 61.6 52.1 78.1

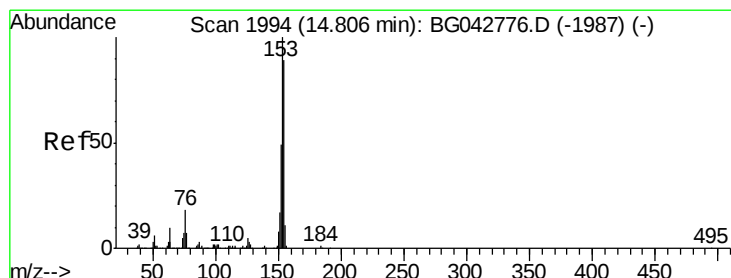
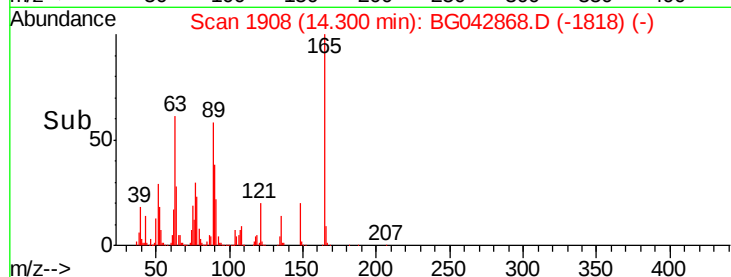
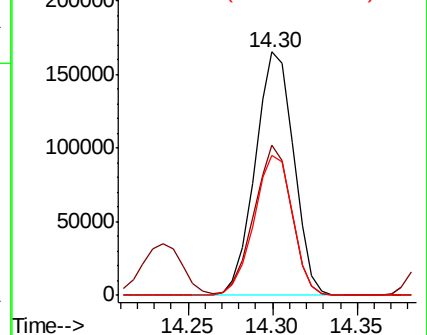
89 57.7 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 38.352 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

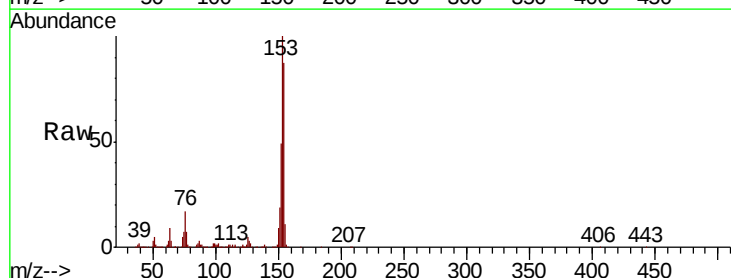
Tgt Ion:154 Resp: 879185

Ion Ratio Lower Upper

154 100

153 114.7 89.4 134.2

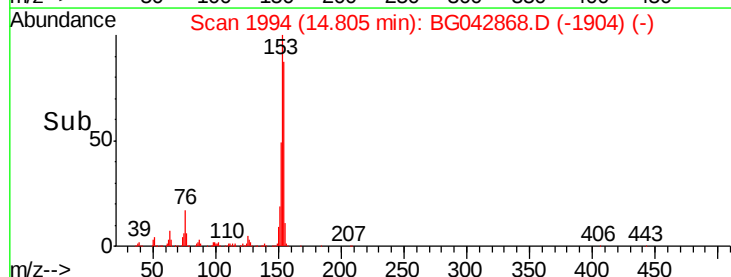
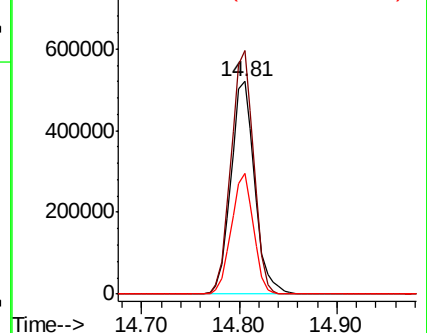
152 56.7 43.5 65.3

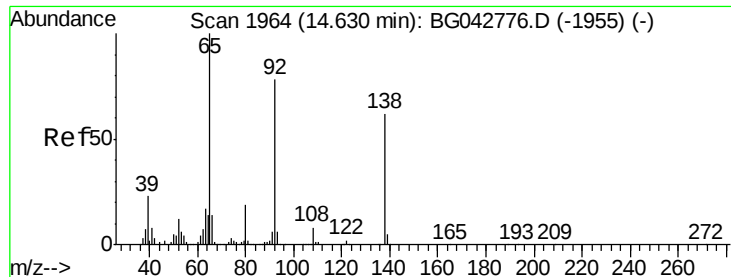


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

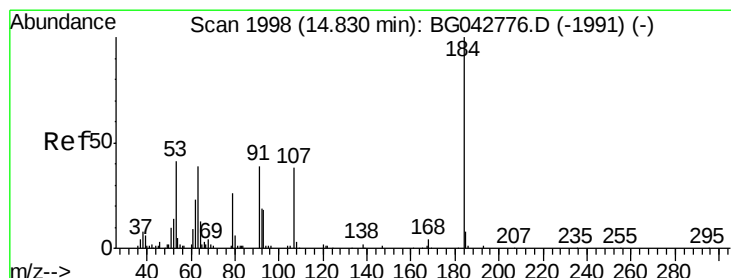
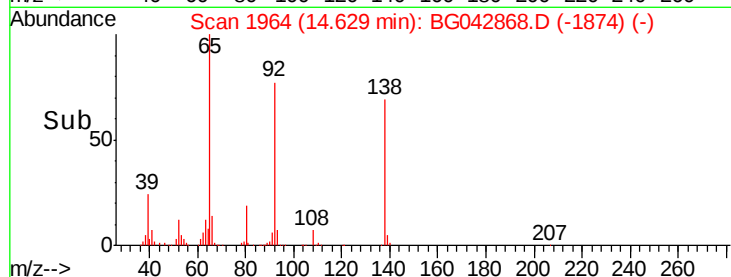
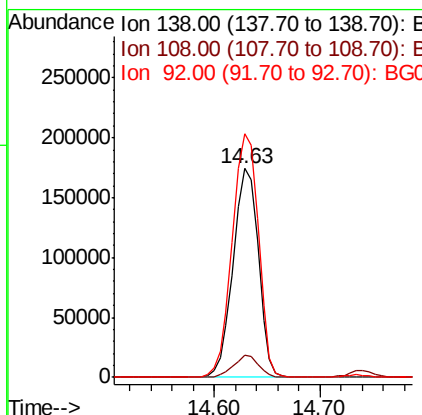
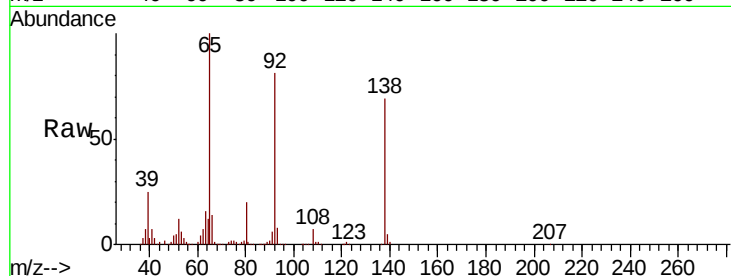




#53
3-Nitroaniline
Concen: 42.098 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

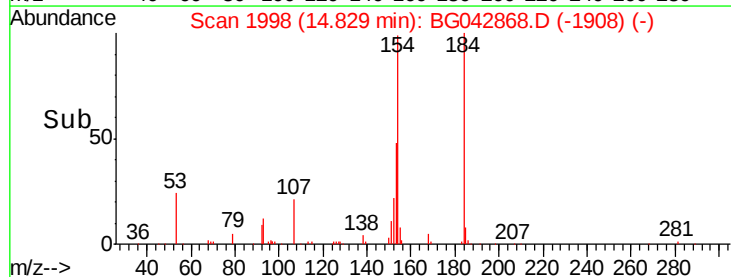
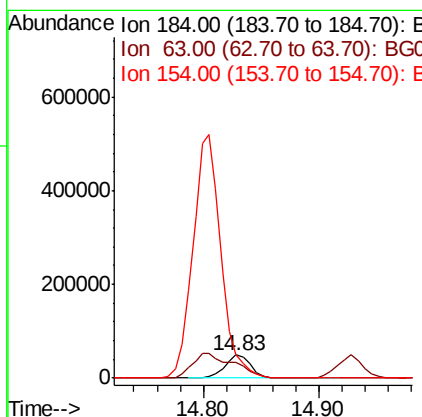
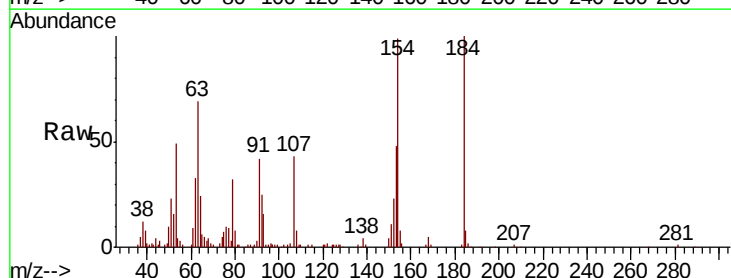
Instrument :
BNA_G
ClientSampled :

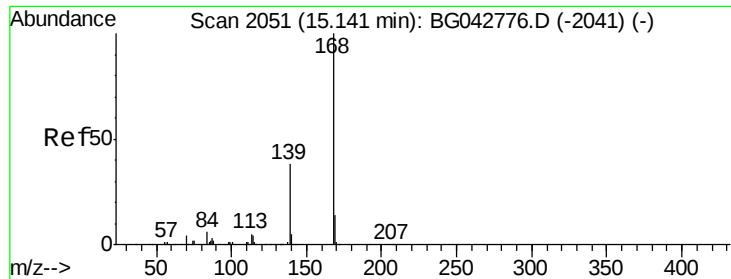
Tot Ion:138 Resp: 287967
Ion Ratio Lower Upper
138 100
108 10.6 10.7 16.1#
92 116.6 100.5 150.7



#54
2,4-Dinitrophenol
Concen: 25.538 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion:184 Resp: 76623
Ion Ratio Lower Upper
184 100
63 68.5 46.2 69.4
154 98.7 81.3 121.9

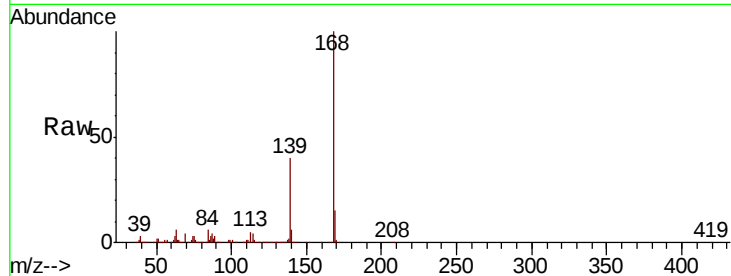




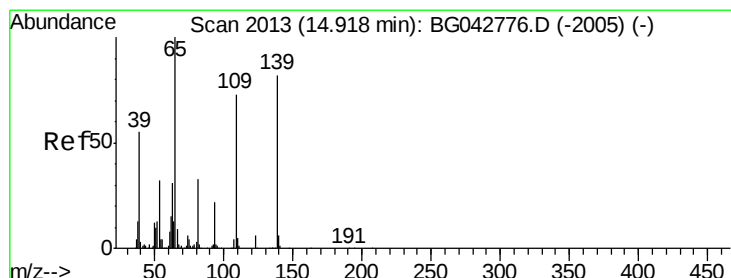
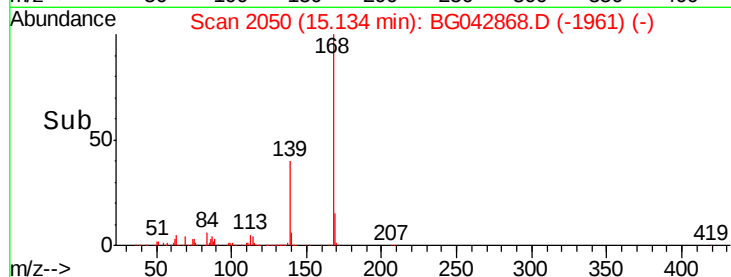
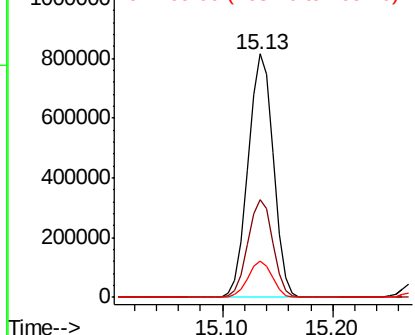
#55
Dibenzofuran
Concen: 38.379 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 1307745
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.4
169 15.0 11.2 16.8

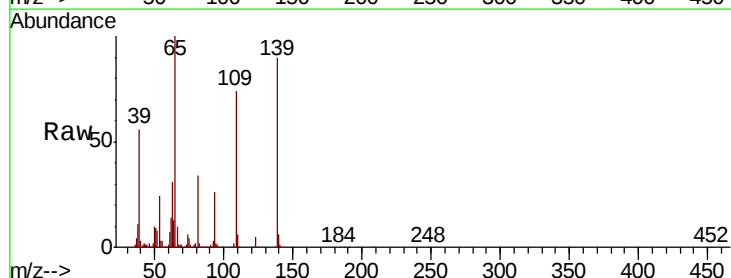


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

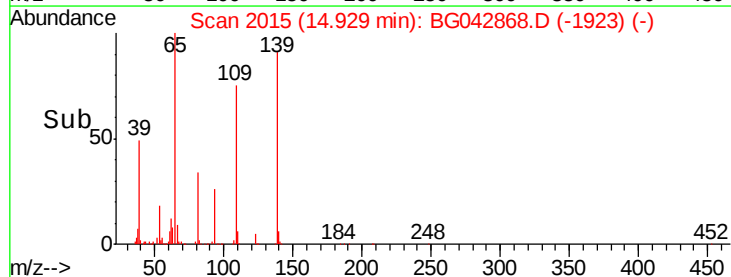
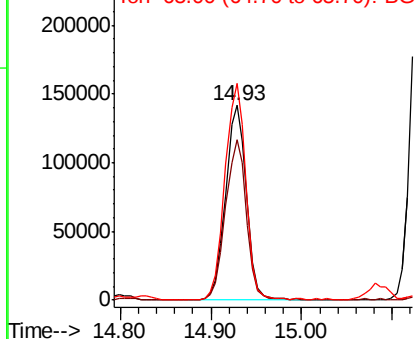


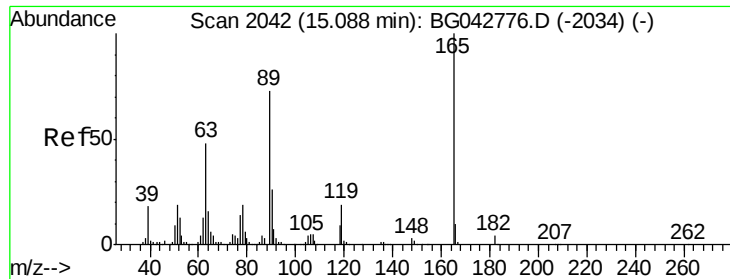
#56
4-Nitrophenol
Concen: 42.672 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion:139 Resp: 225685
Ion Ratio Lower Upper
139 100
109 82.6 69.4 109.4
65 111.4 102.5 142.5



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

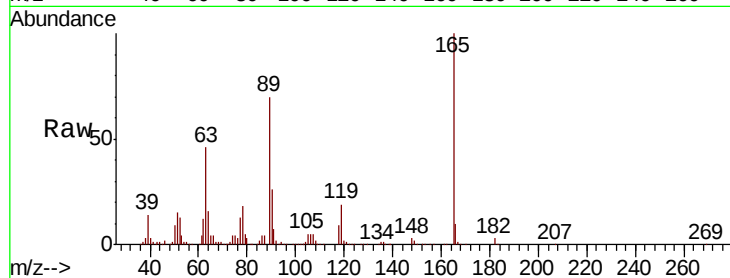




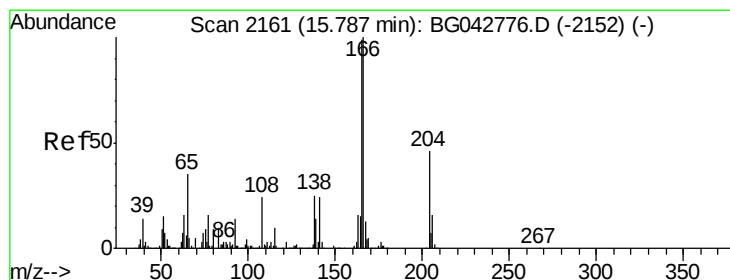
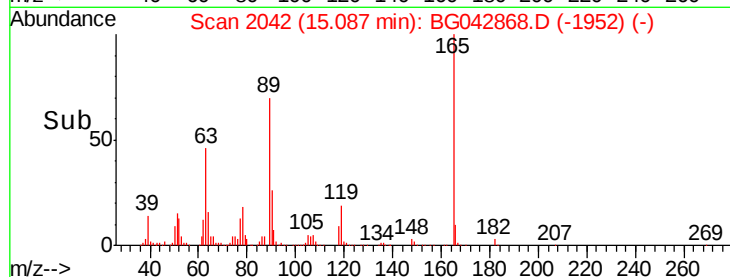
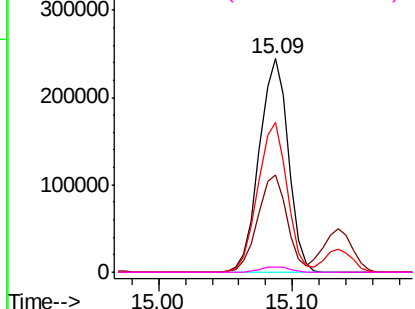
#57
 2,4-Dinitrotoluene
 Concen: 45.193 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.6	38.3	57.5
89	70.1	58.4	87.6
182	2.5	2.9	4.3

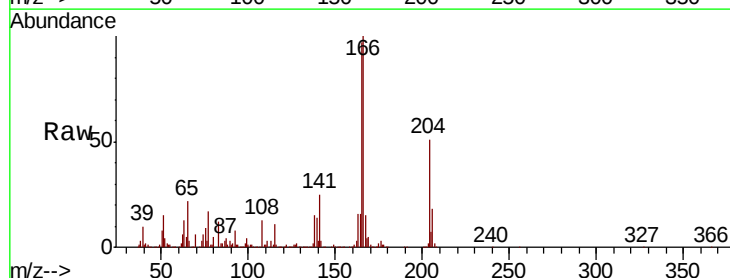


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

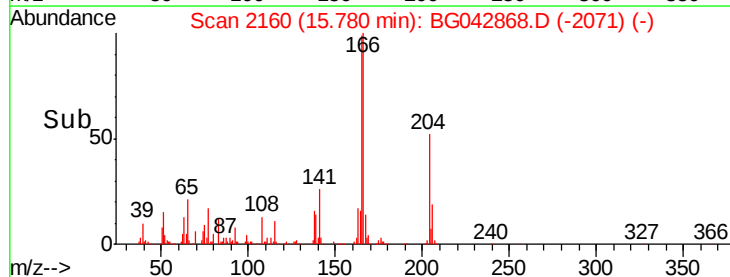
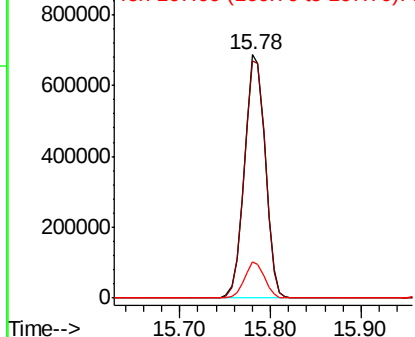


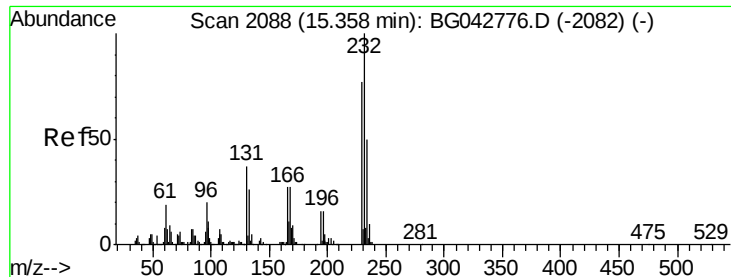
#58
 Fluorene
 Concen: 38.322 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.1	118.7
167	14.9	10.7	16.1



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

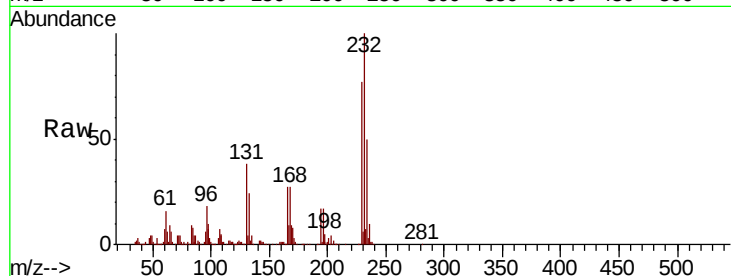




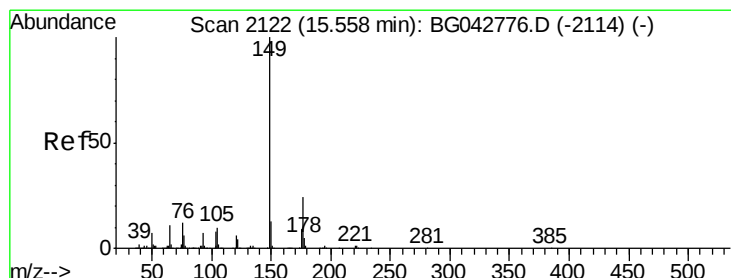
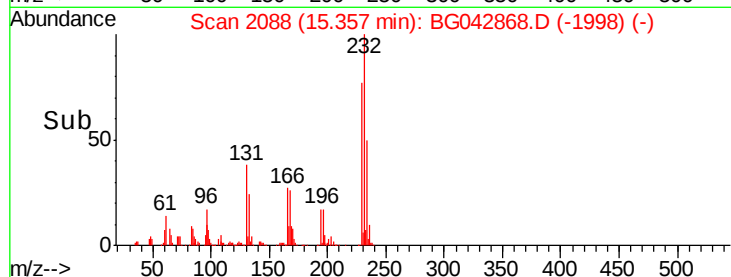
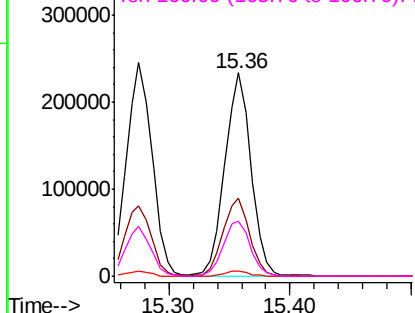
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.481 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	350618
Ion Ratio	Lower	Upper
232	100	
131	38.3	31.1 46.7
130	2.6	1.8 2.6
166	28.0	21.7 32.5

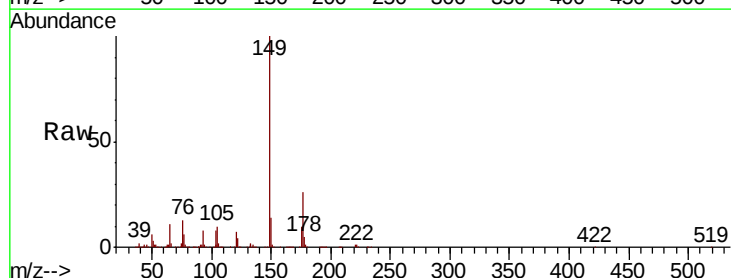


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

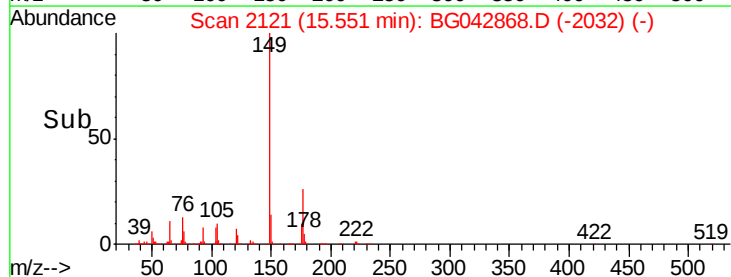
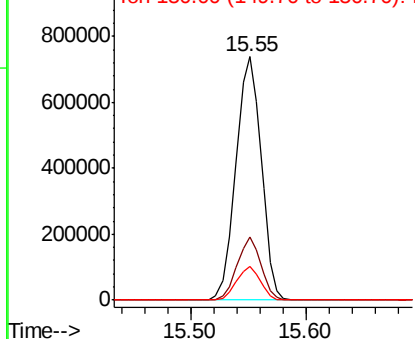


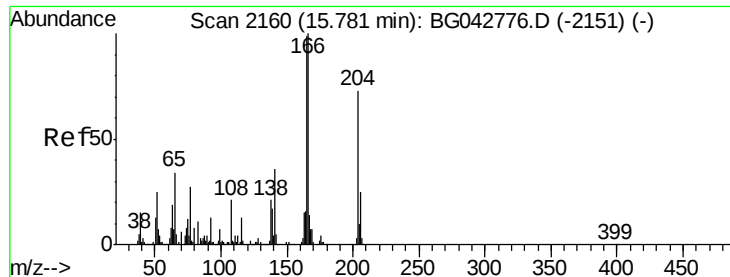
#60
 Diethylphthalate
 Concen: 37.047 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Tgt Ion:149	Resp:	1117002
Ion Ratio	Lower	Upper
149	100	
177	26.0	19.4 29.0
150	14.1	10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

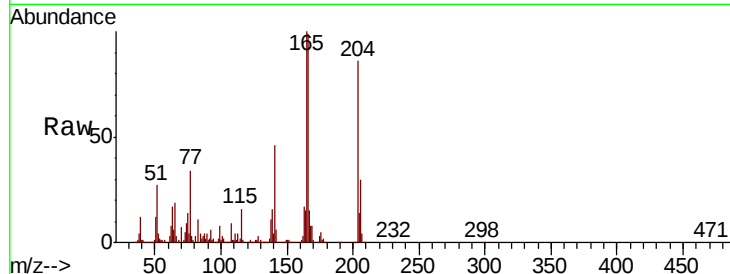




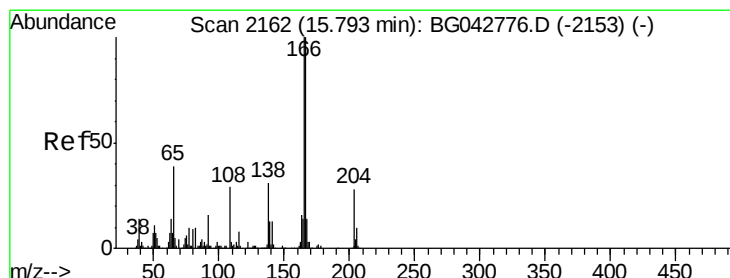
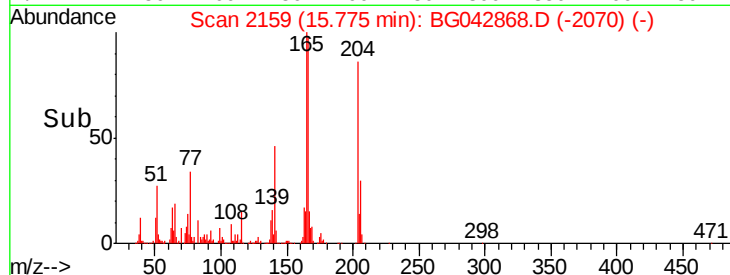
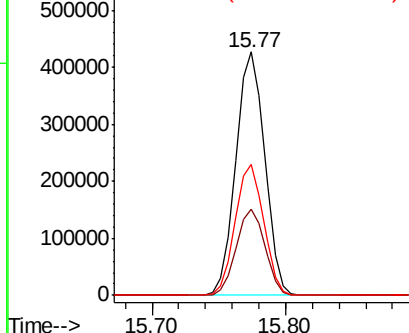
#61
 4-Chlorophenyl-phenylether
 Concen: 38.419 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 641477
 Ion Ratio Lower Upper
 204 100
 206 35.5 27.6 41.4
 141 53.8 39.8 59.6

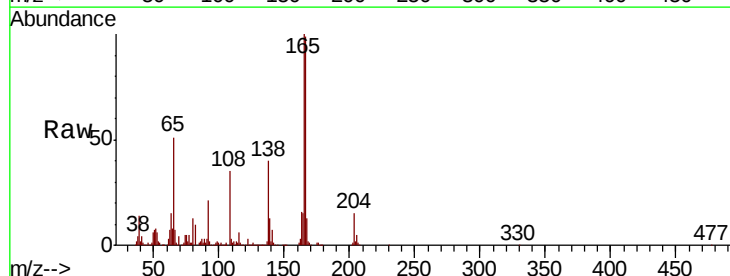


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

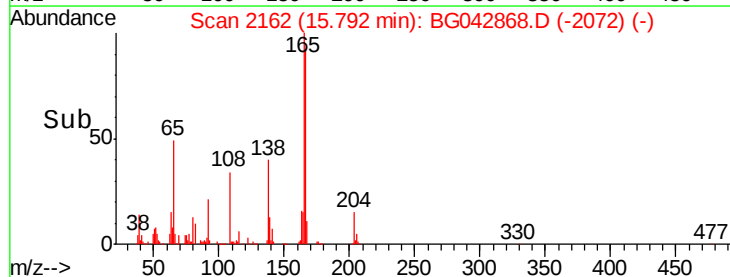
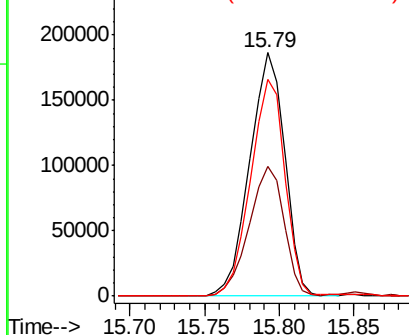


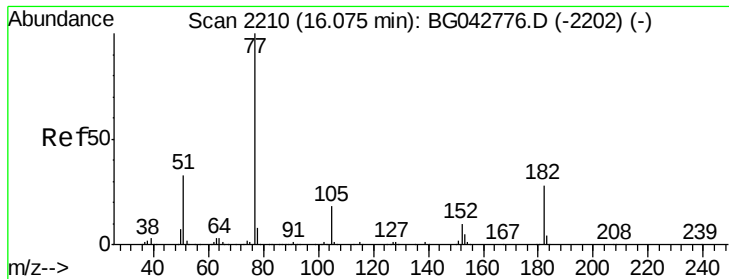
#62
 4-Nitroaniline
 Concen: 41.071 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Tgt Ion:138 Resp: 302822
 Ion Ratio Lower Upper
 138 100
 92 53.4 31.4 71.4
 108 89.1 74.8 114.8



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: 37.400 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1085889

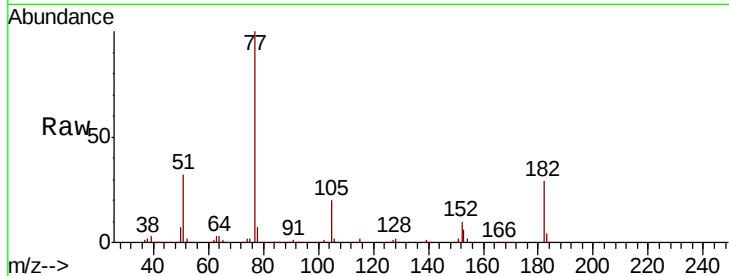
Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.1	48.1
105	19.9	0.0	38.1
51	32.5	12.9	52.9

77 100

182 29.3 8.1 48.1

105 19.9 0.0 38.1

51 32.5 12.9 52.9

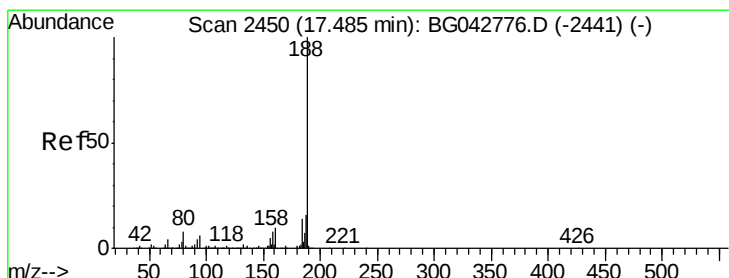
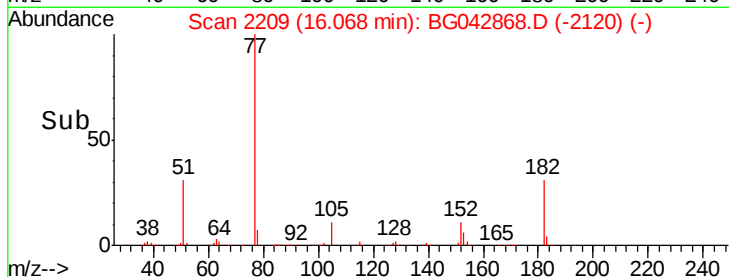
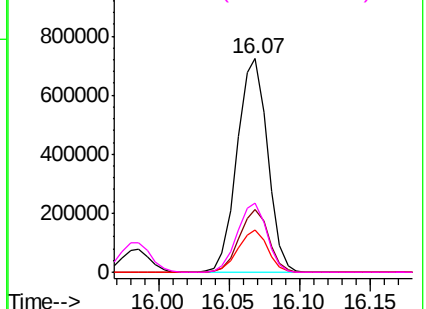


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

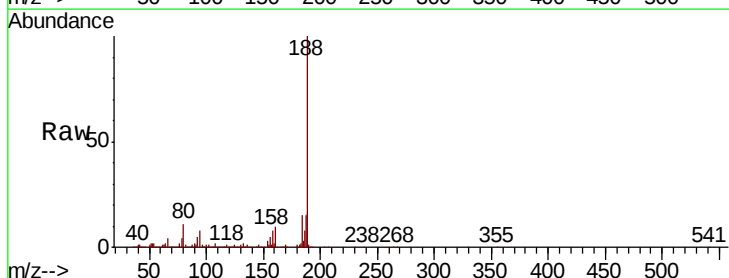
Tgt Ion: 188 Resp: 862110

Ion	Ratio	Lower	Upper
188	100		
94	7.7	4.8	7.2#
80	11.4	6.6	9.8#

188 100

94 7.7 4.8 7.2#

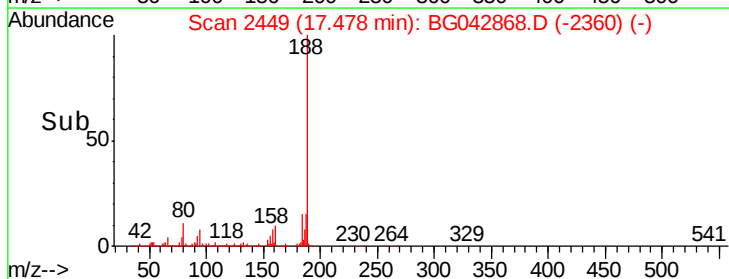
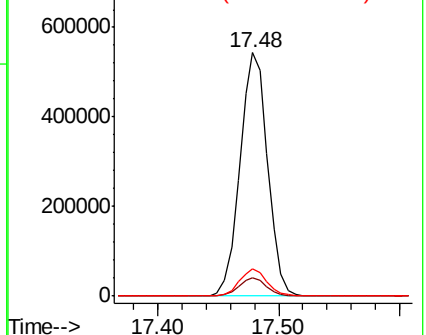
80 11.4 6.6 9.8#



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: 35.111 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

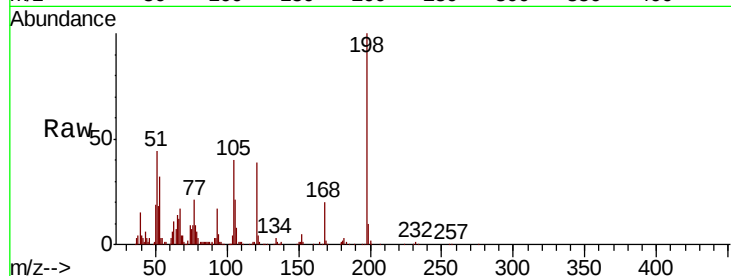
Tot Ion:198 Resp: 129518

Ion	Ratio	Lower	Upper
198	100		
51	44.0	20.9	60.9
105	39.7	16.4	56.4

198 100

51 44.0 20.9 60.9

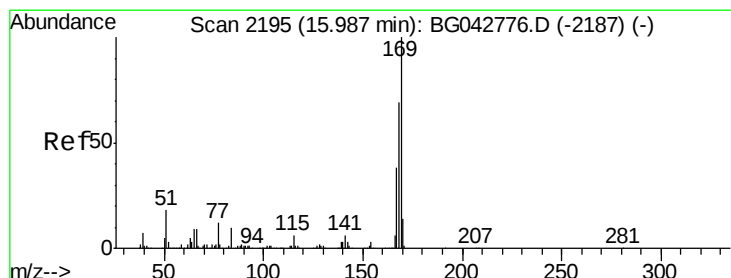
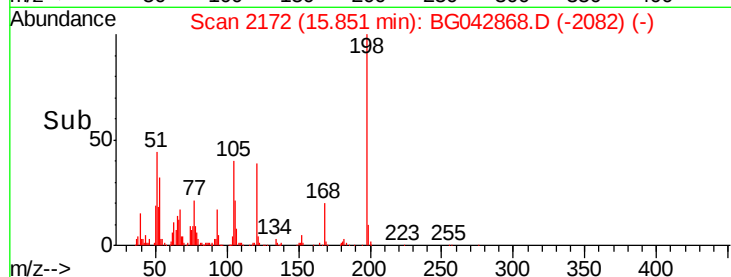
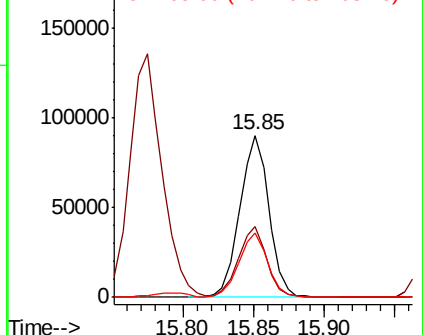
105 39.7 16.4 56.4



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: 41.733 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

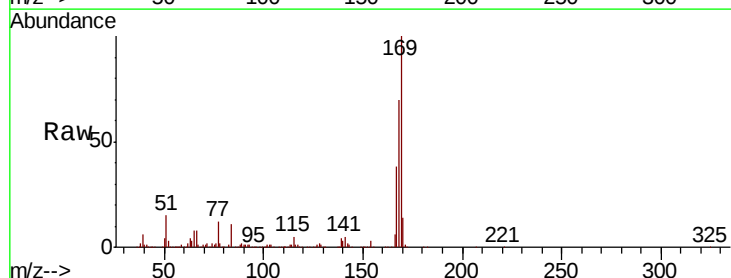
Tgt Ion:169 Resp: 968146

Ion	Ratio	Lower	Upper
169	100		
168	70.1	55.4	83.2
167	38.0	30.4	45.6

169 100

168 70.1 55.4 83.2

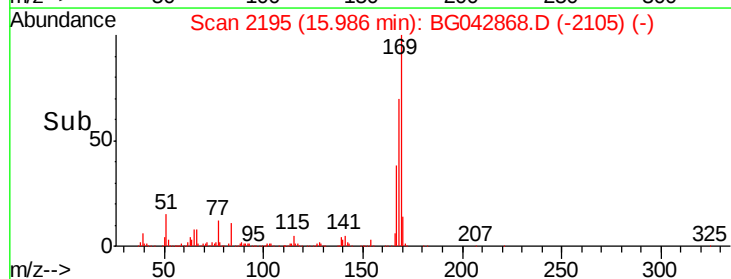
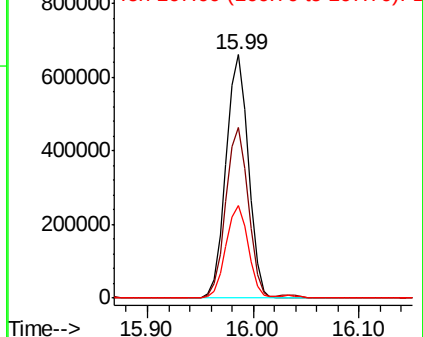
167 38.0 30.4 45.6

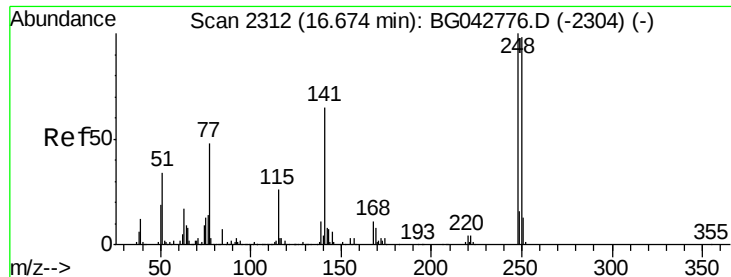


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.056 ng

RT: 16.67 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

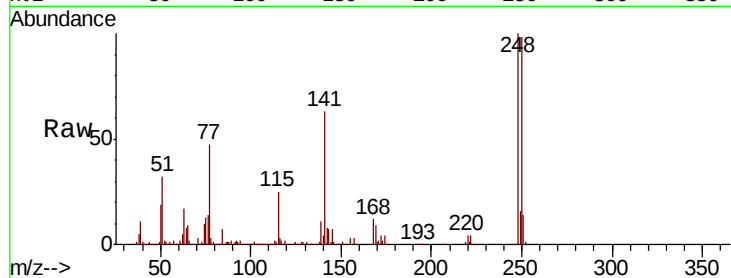
Tot Ion:248 Resp: 438847

Ion Ratio Lower Upper

248 100

250 98.3 78.0 117.0

141 63.0 51.8 77.6

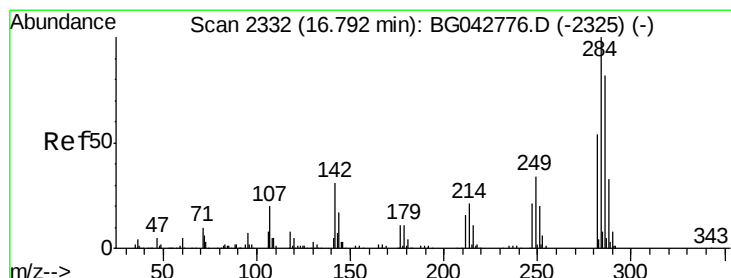
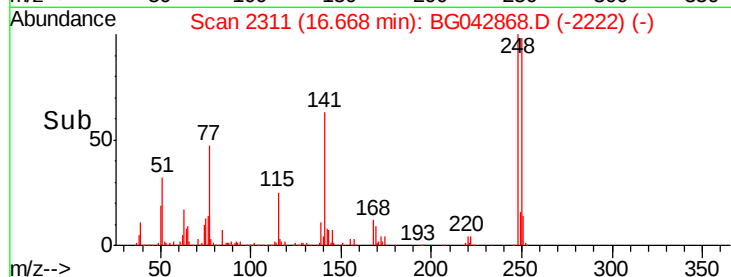
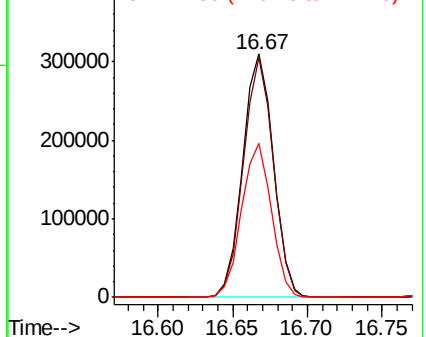


Abundance

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: 41.604 ng

RT: 16.79 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

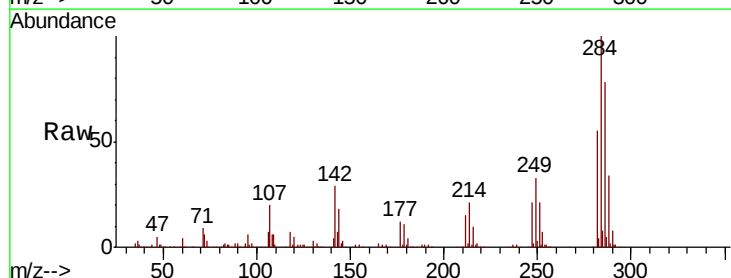
Tgt Ion:284 Resp: 463876

Ion Ratio Lower Upper

284 100

142 29.2 24.7 37.1

249 32.5 27.0 40.4

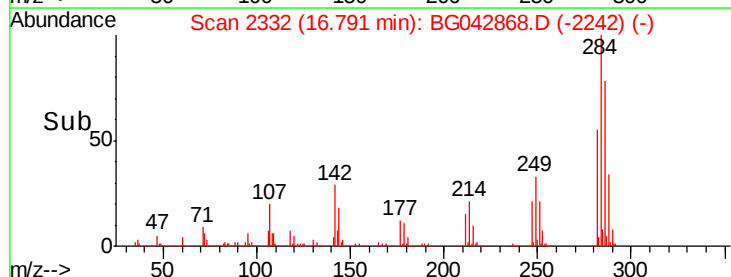
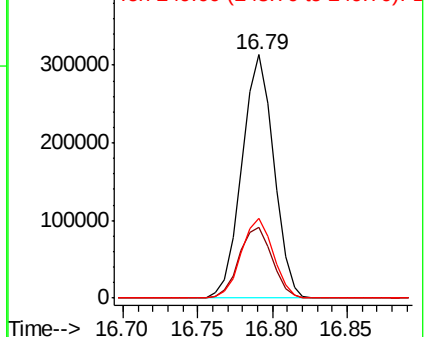


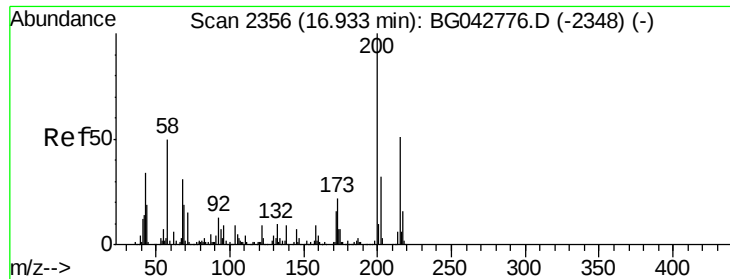
Abundance

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: 35.109 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

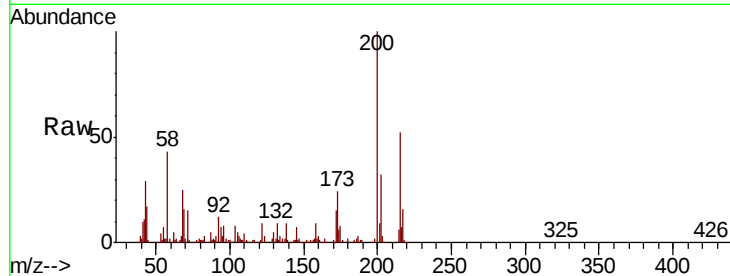
Tot Ion:200 Resp: 283631

Ion Ratio Lower Upper

200 100

173 24.1 2.5 42.5

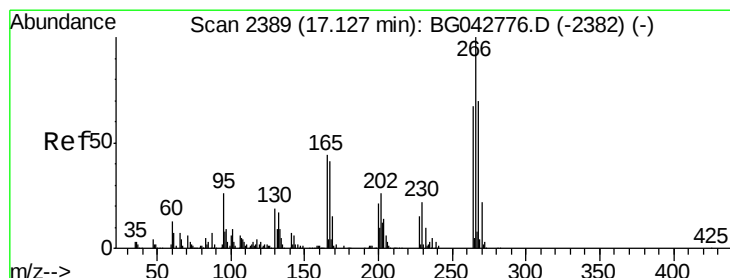
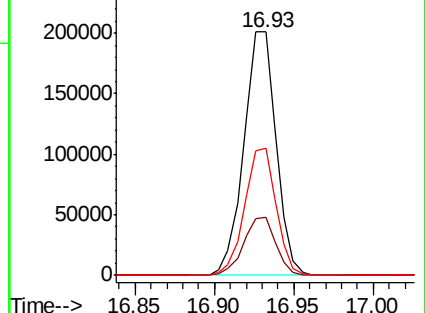
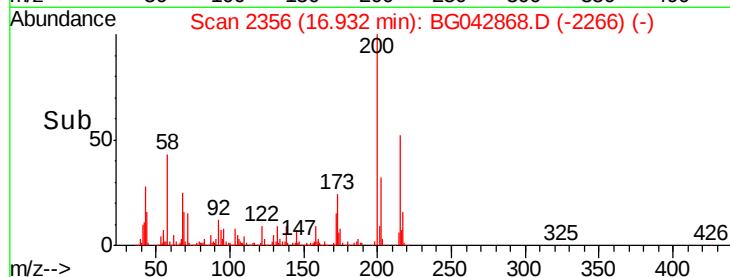
215 52.1 31.0 71.0



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: 42.316 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

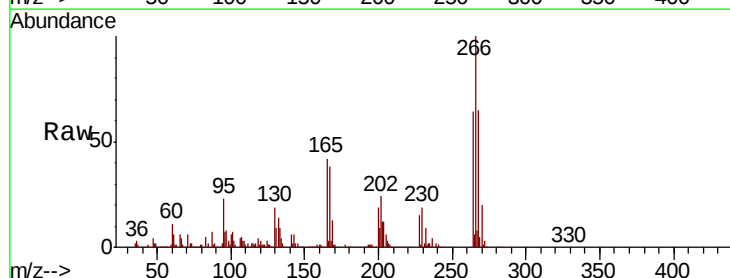
Tgt Ion:266 Resp: 279895

Ion Ratio Lower Upper

266 100

268 64.5 56.2 84.4

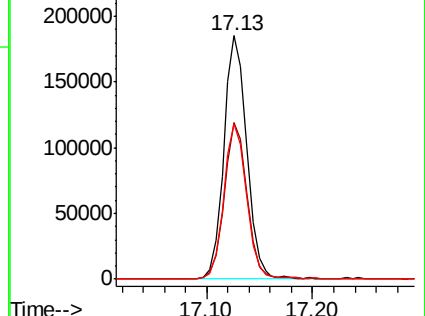
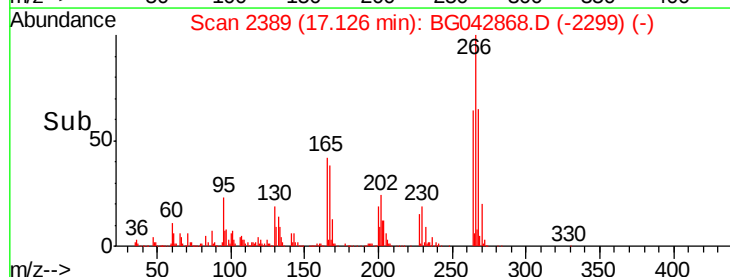
264 63.6 53.4 80.2

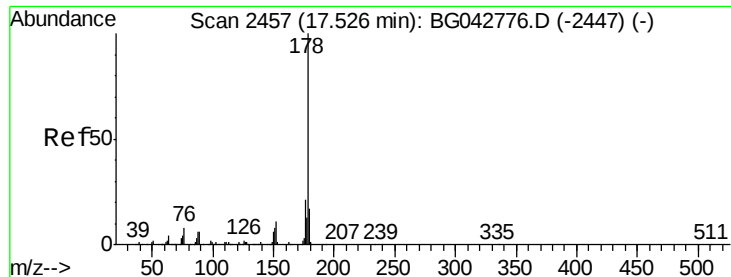


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

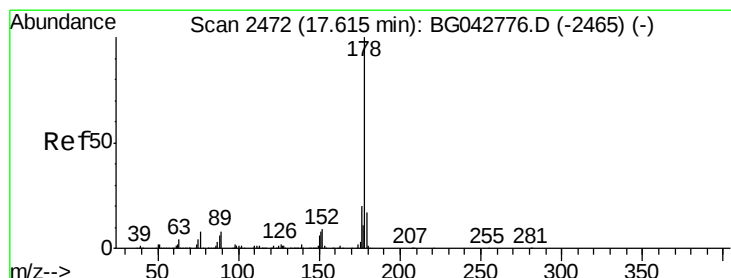
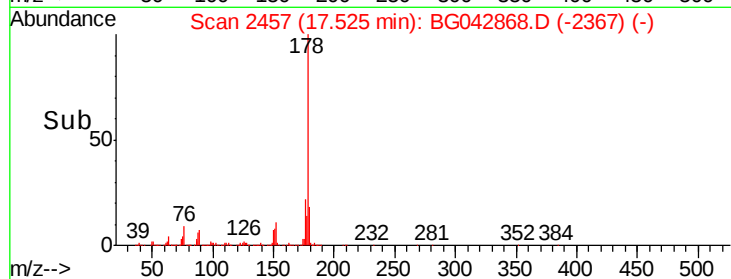
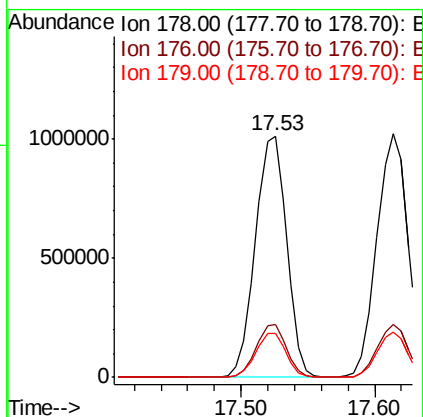
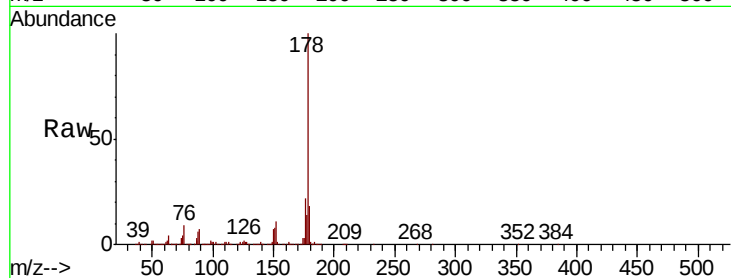




#71
Phenanthrene
Concen: 39.777 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

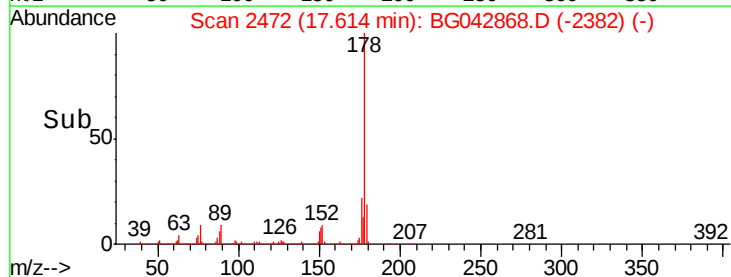
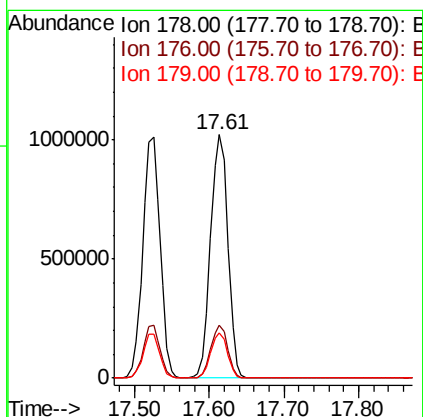
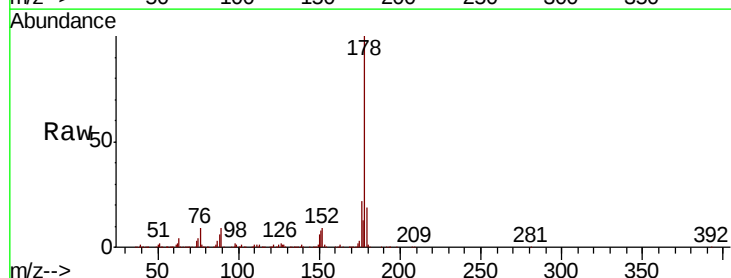
Instrument :
BNA_G
ClientSampleId :

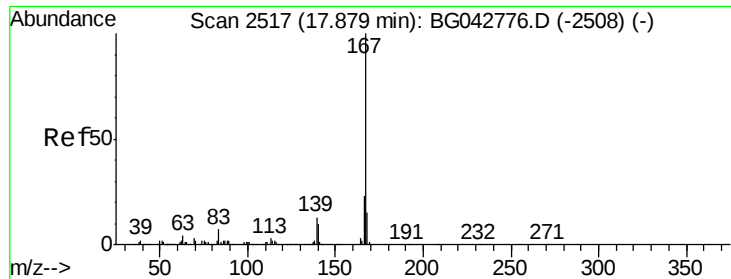
Tot Ion:178 Resp: 1639964
Ion Ratio Lower Upper
178 100
176 22.0 17.0 25.4
179 18.3 13.6 20.4



#72
Anthracene
Concen: 39.659 ng
RT: 17.61 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion:178 Resp: 1633571
Ion Ratio Lower Upper
178 100
176 21.9 16.2 24.4
179 18.5 13.6 20.4

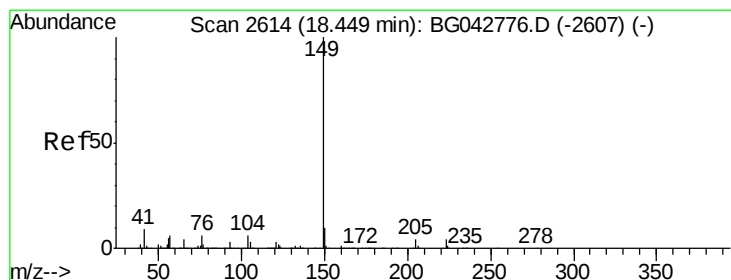
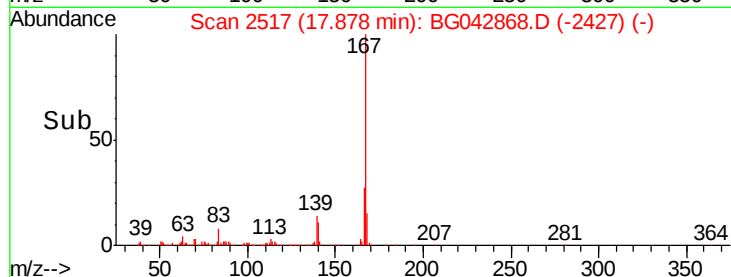
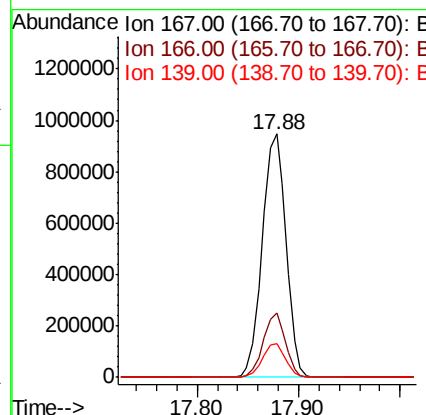
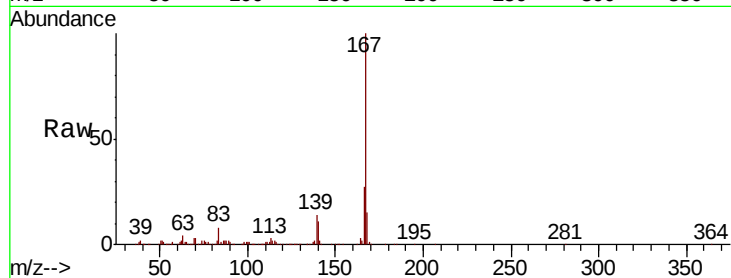




#73
 Carbazole
 Concen: 39.151 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

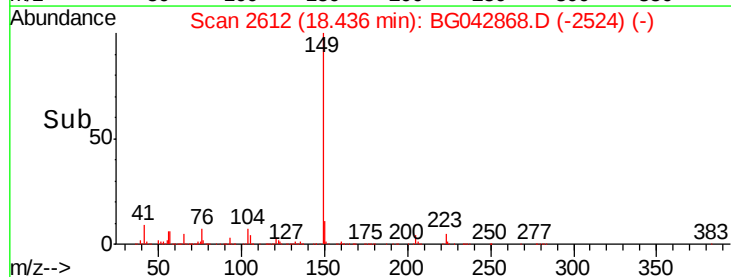
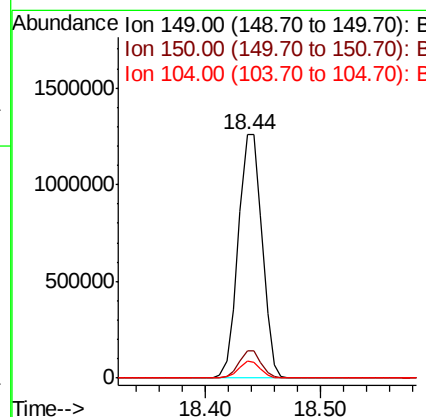
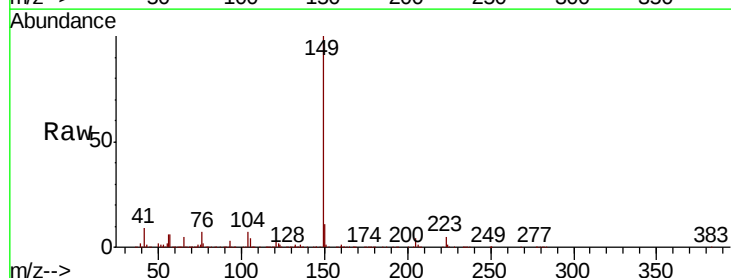
Instrument :
 BNA_G
 ClientSampleId :

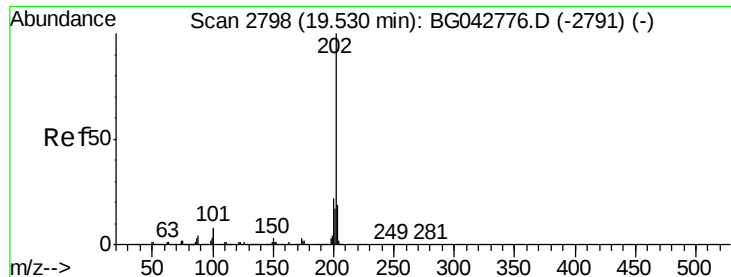
Tot Ion:167 Resp: 1532739
 Ion Ratio Lower Upper
 167 100
 166 26.6 18.3 27.5
 139 13.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 38.370 ng
 RT: 18.44 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG042868.D
 Acq: 17 Sep 2019 4:07

Tgt Ion:149 Resp: 1799444
 Ion Ratio Lower Upper
 149 100
 150 11.1 8.0 12.0
 104 6.8 5.1 7.7





#75

Fluoranthene

Concen: 37.478 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

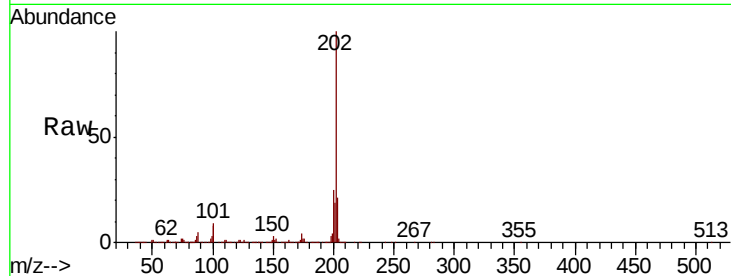
Tot Ion:202 Resp: 2002602

Ion Ratio Lower Upper

202 100

101 9.1 0.0 27.8

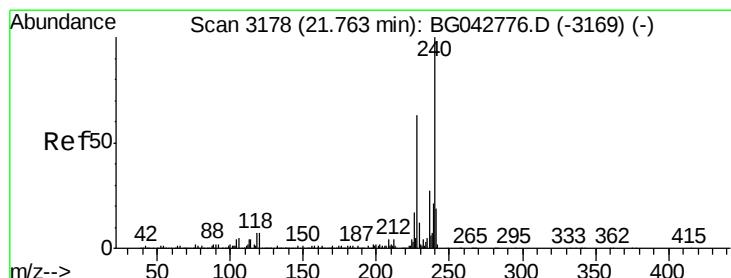
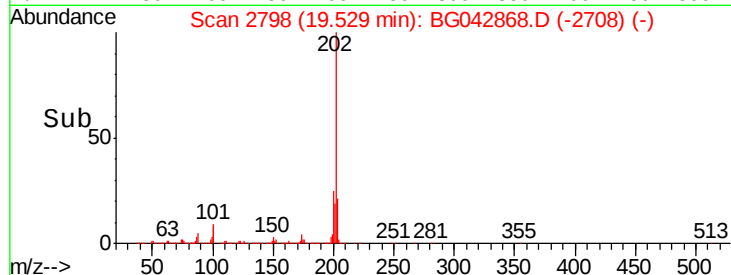
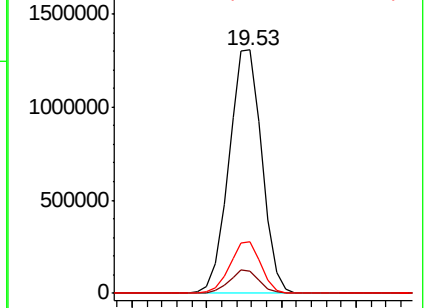
203 21.0 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

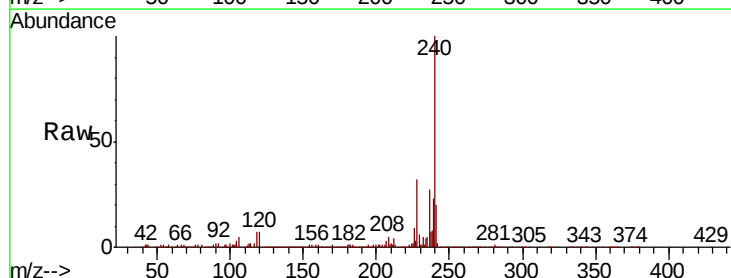
Tgt Ion:240 Resp: 821445

Ion Ratio Lower Upper

240 100

120 6.8 5.4 8.2

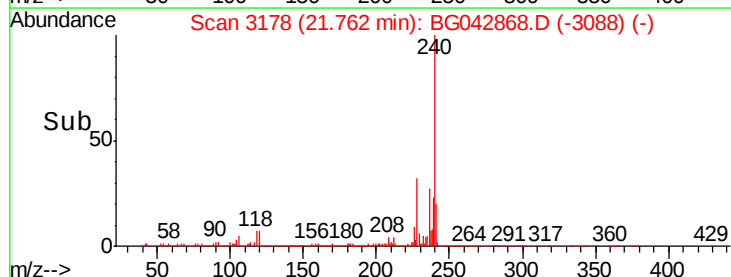
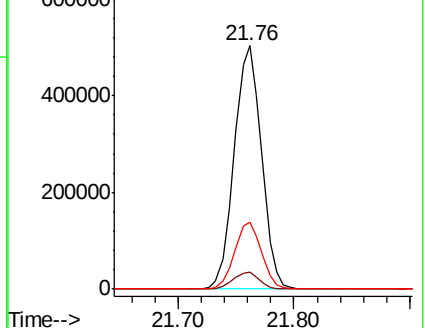
236 27.3 21.7 32.5

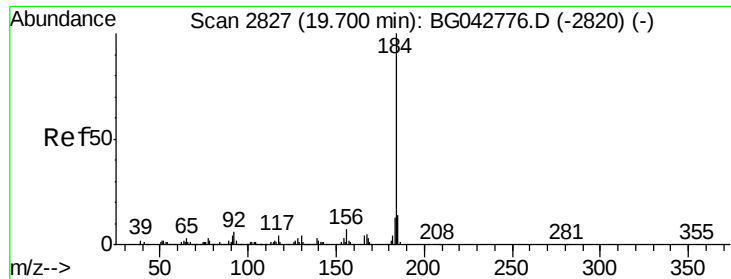


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.662 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

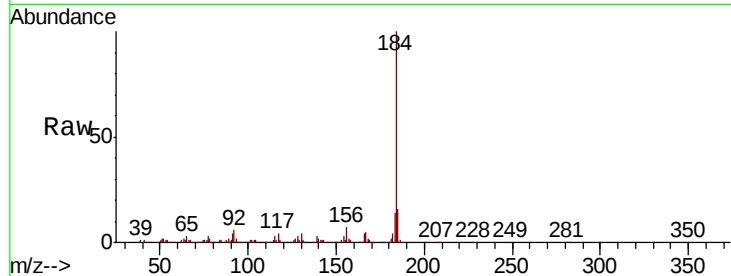
Tot Ion:184 Resp: 933206

Ion Ratio Lower Upper

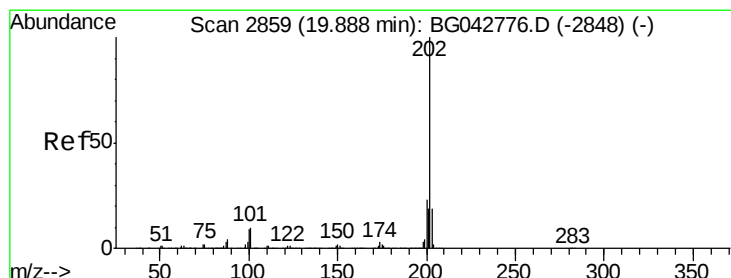
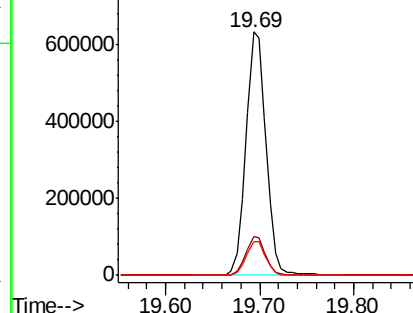
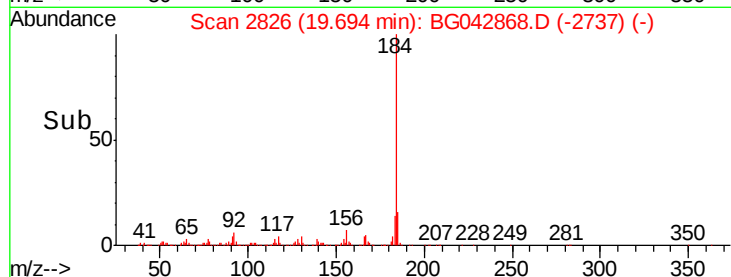
184 100

185 16.1 11.6 17.4

183 13.9 10.4 15.6



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: 38.435 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

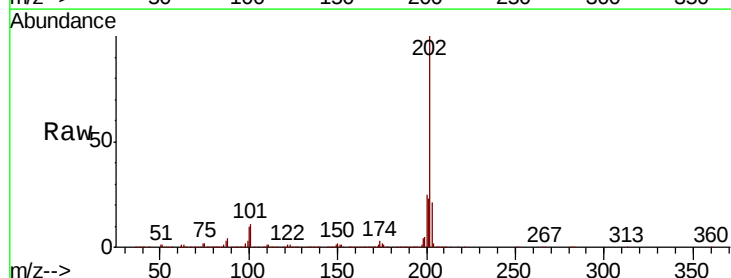
Tgt Ion:202 Resp: 1976611

Ion Ratio Lower Upper

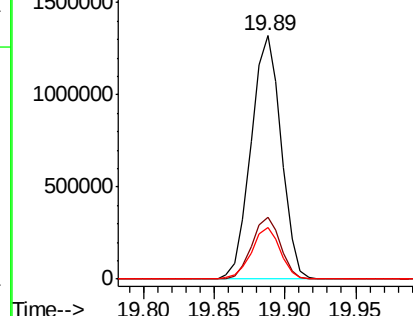
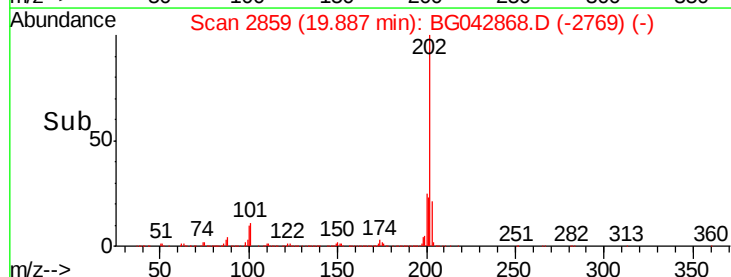
202 100

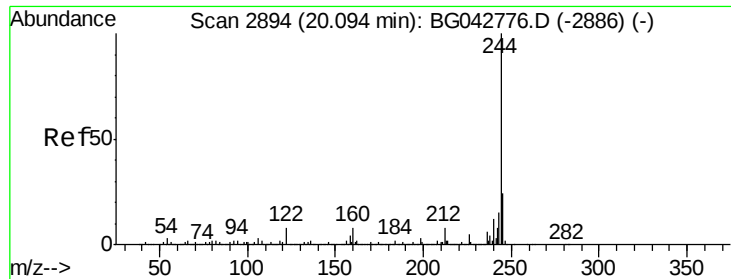
200 25.5 18.5 27.7

203 21.3 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.378 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

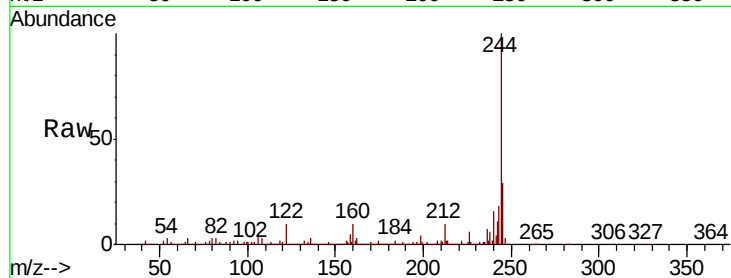
Tot Ion:244 Resp: 2756751

Ion Ratio Lower Upper

244 100

212 10.1 6.6 10.0#

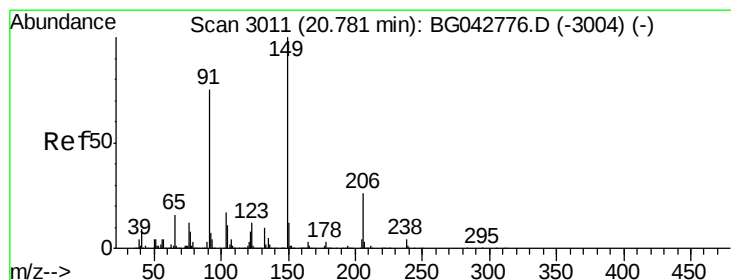
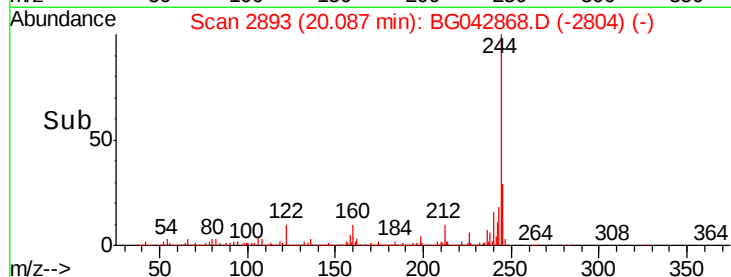
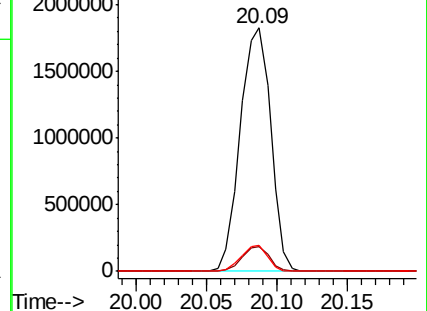
122 10.5 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.672 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

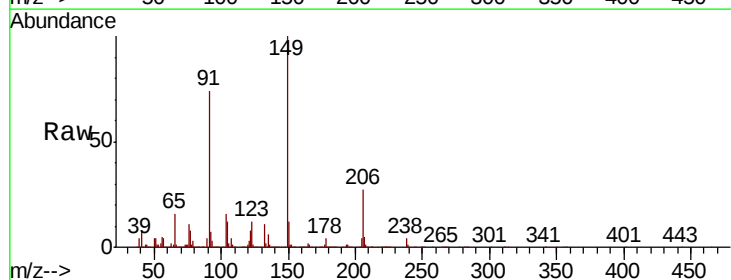
Tgt Ion:149 Resp: 846530

Ion Ratio Lower Upper

149 100

91 73.7 60.2 90.2

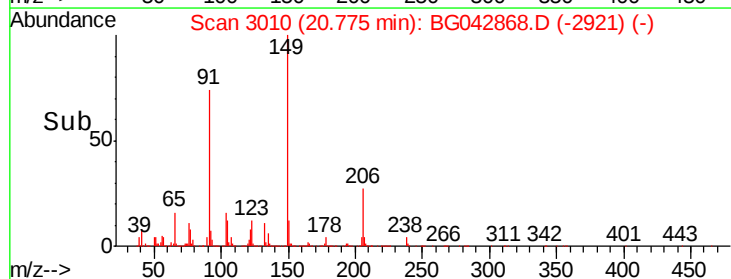
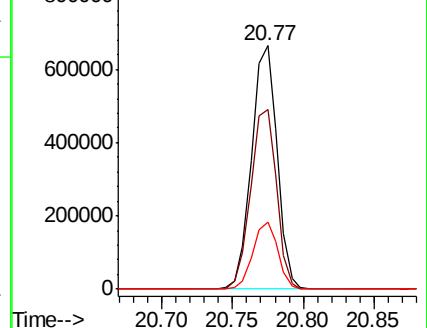
206 27.4 20.6 30.8

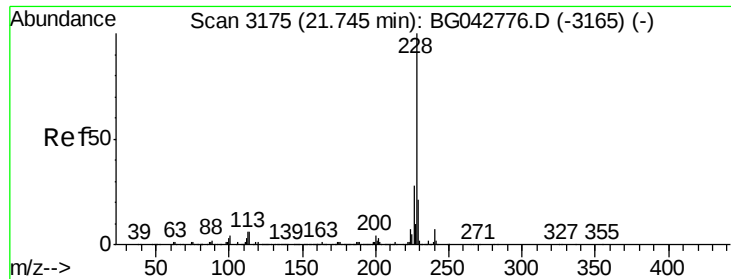


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.871 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

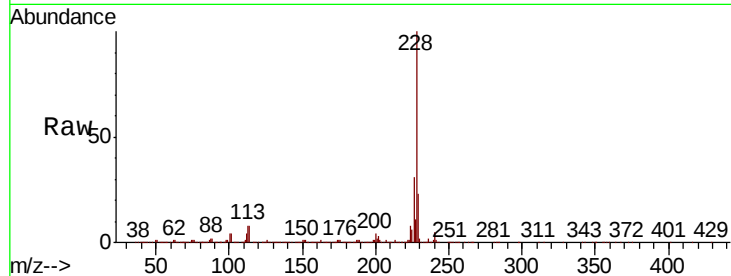
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2030187

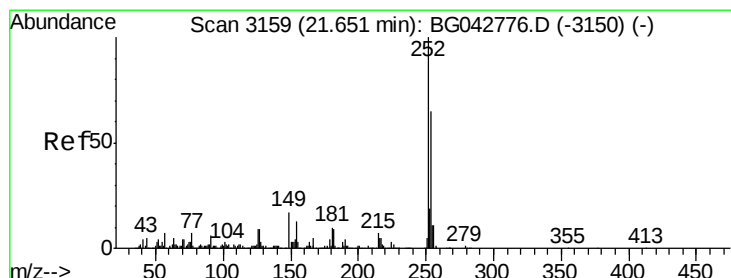
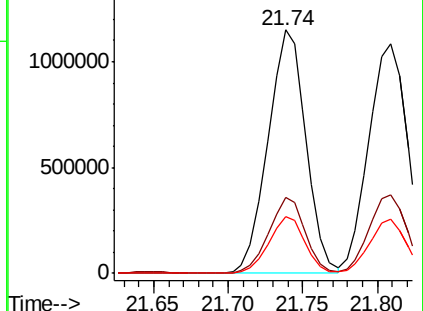
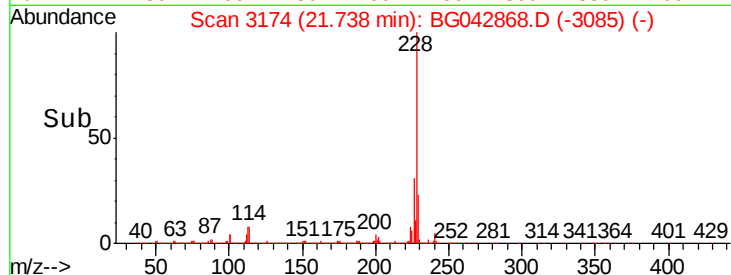
Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.5	33.7
229	23.1	17.2	25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.290 ng

RT: 21.65 min Scan# 3159

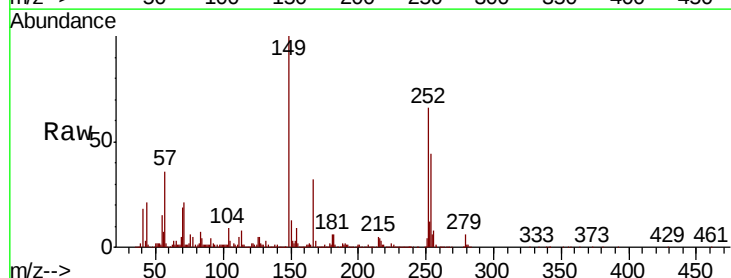
Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Tgt Ion:252 Resp: 797468

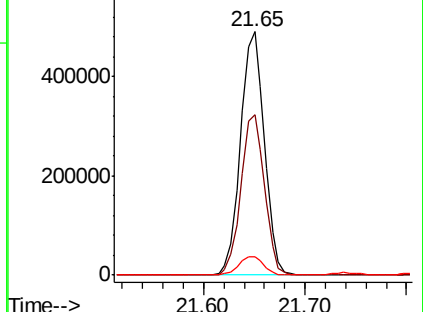
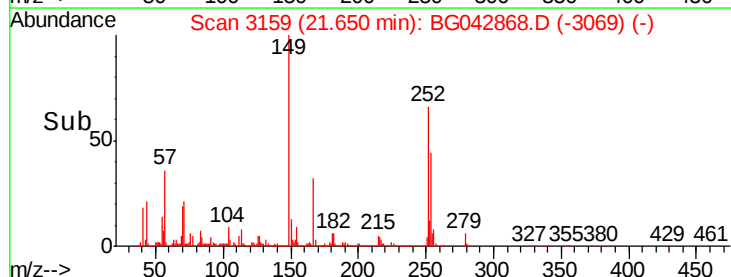
Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.2	78.2
126	7.7	7.0	10.4

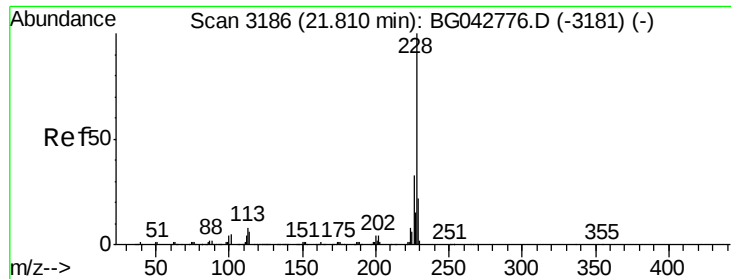


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.009 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

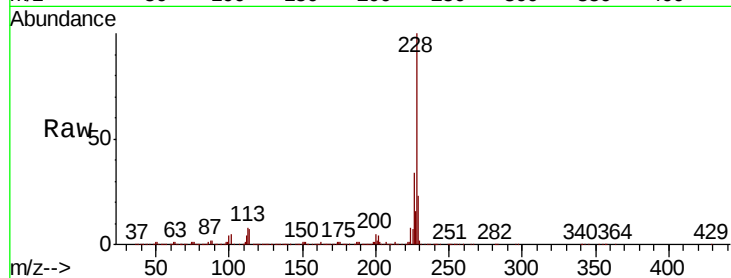
Tot Ion:228 Resp: 1929891

Ion Ratio Lower Upper

228 100

226 34.1 26.0 39.0

229 23.3 17.1 25.7

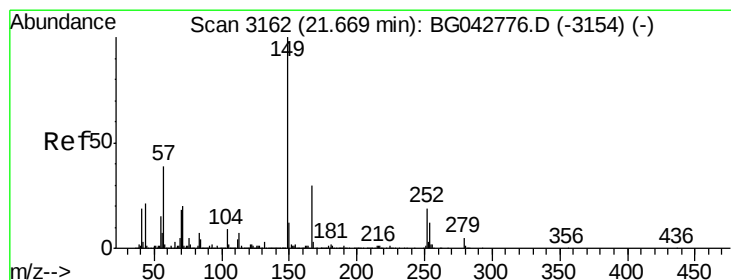
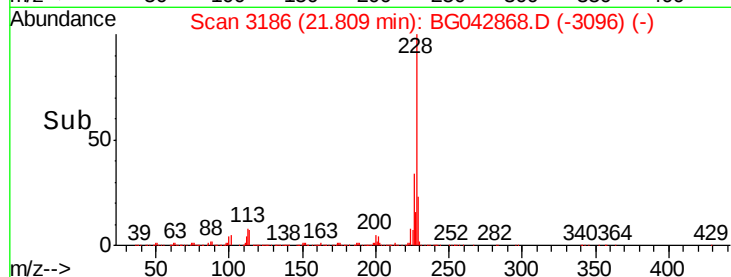
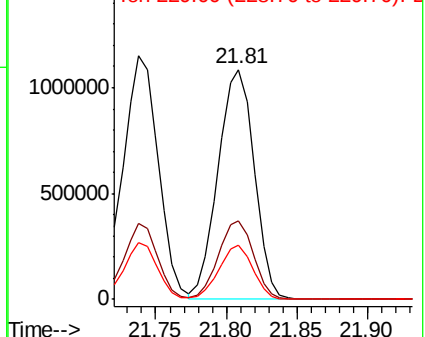


Abundance

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: 40.394 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

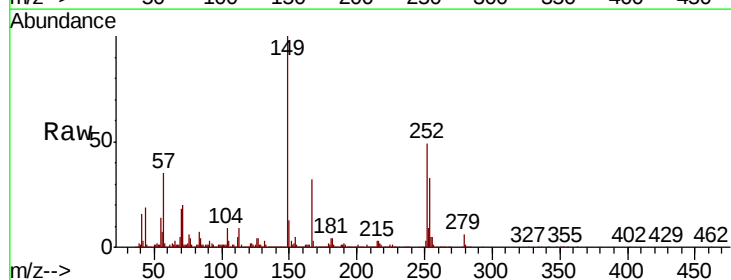
Tgt Ion:149 Resp: 1148764

Ion Ratio Lower Upper

149 100

167 31.8 24.3 36.5

279 6.5 4.2 6.4#

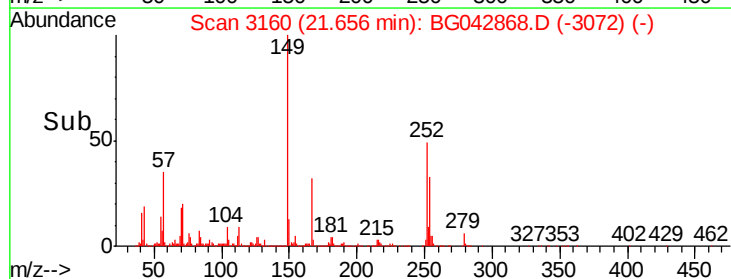
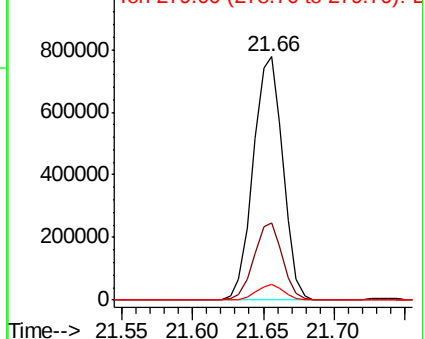


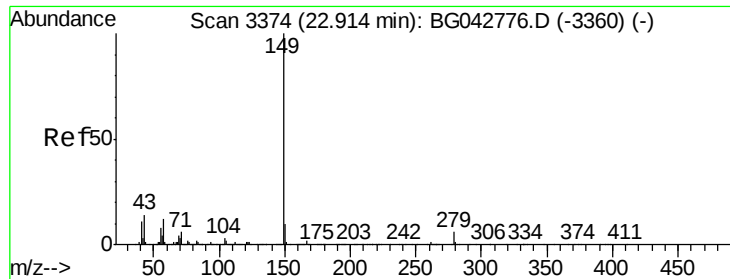
Abundance

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: 39.502 ng

RT: 22.89 min Scan# 3370

Delta R.T. -0.02 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampleId :

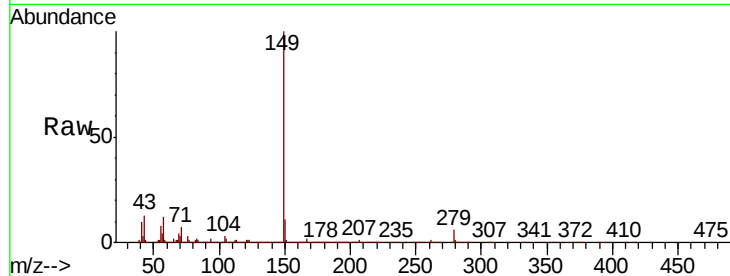
Tot Ion:149 Resp: 1915107

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

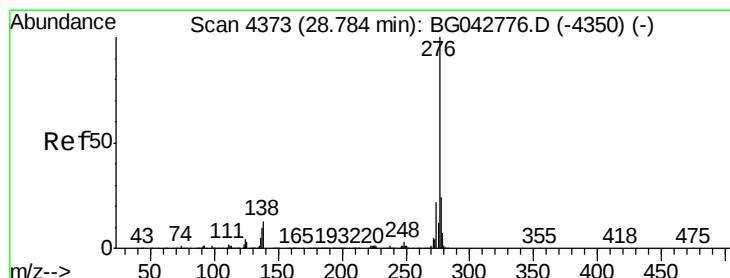
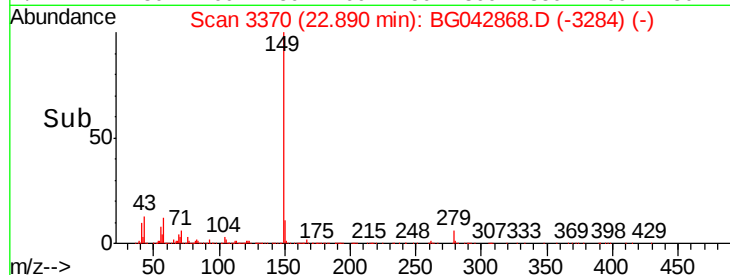
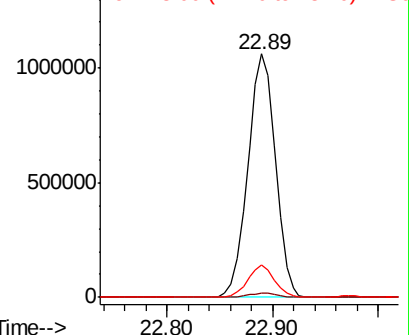
43 12.8 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.624 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

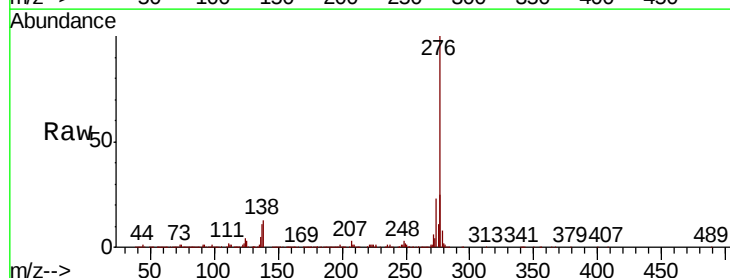
Tgt Ion:276 Resp: 2427593

Ion Ratio Lower Upper

276 100

138 11.4 9.3 13.9

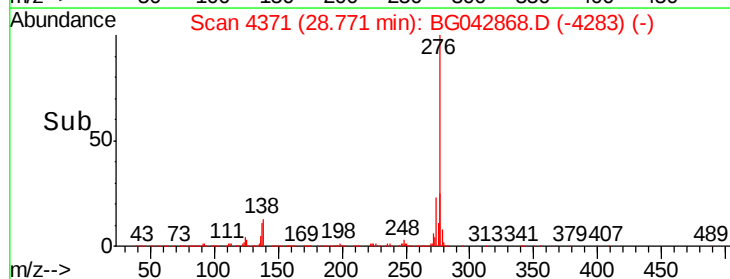
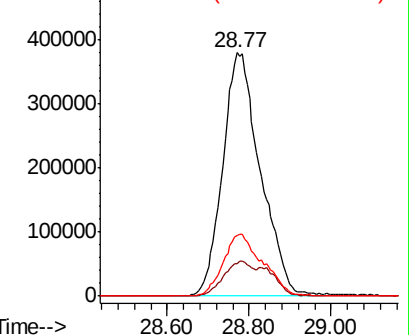
277 26.5 17.2 25.8#

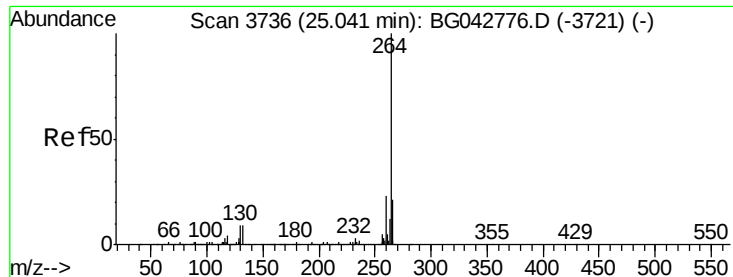


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

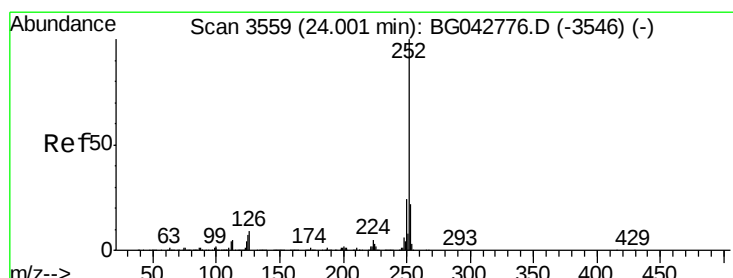
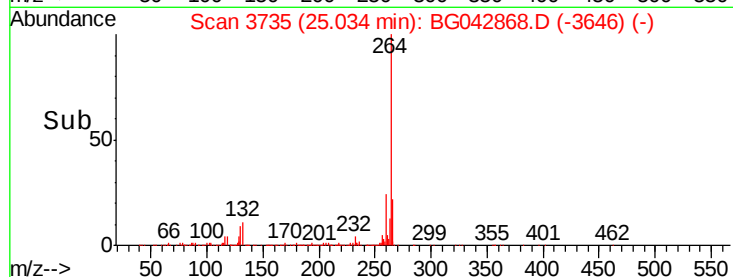
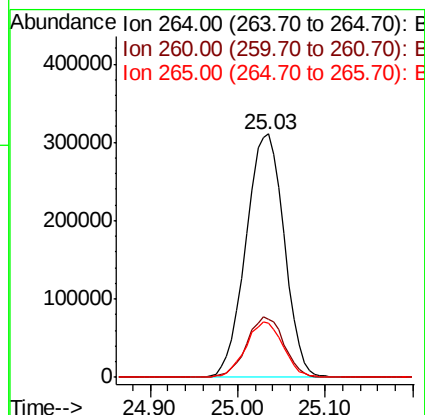
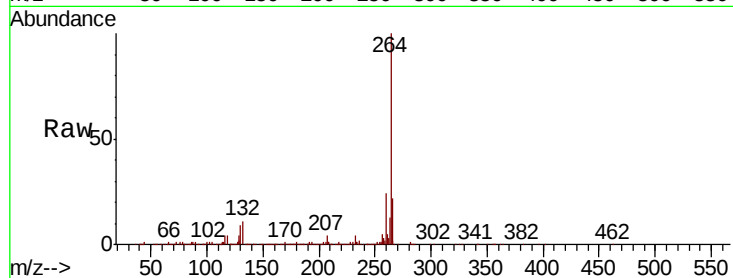




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

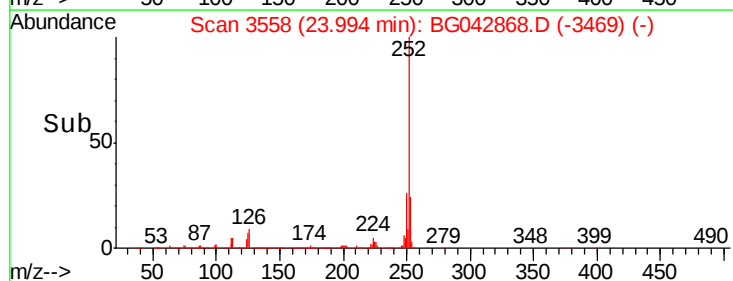
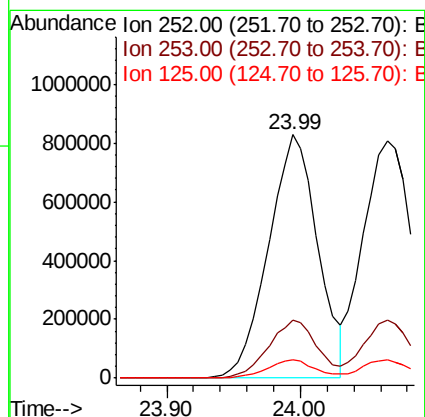
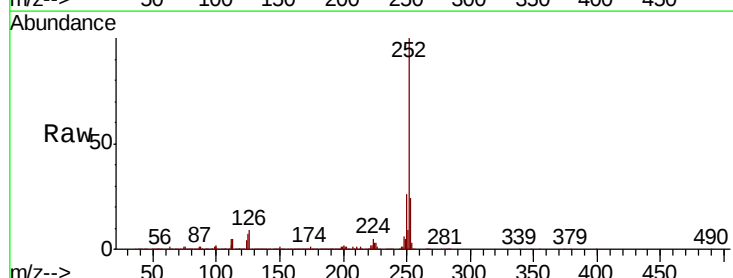
Instrument :
BNA_G
ClientSampleId :

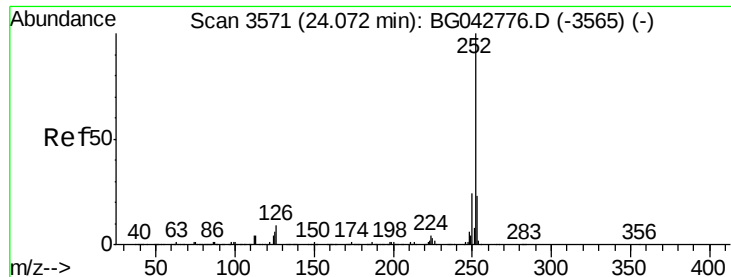
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.2	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 39.178 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	7.4	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 39.515 ng

RT: 24.06 min Scan# 3570

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

Instrument :

BNA_G

ClientSampled :

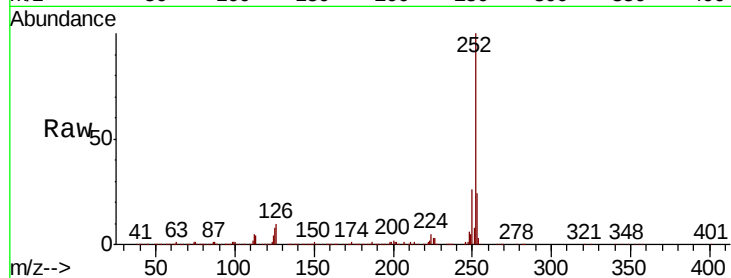
Tot Ion:252 Resp: 2024034

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.4

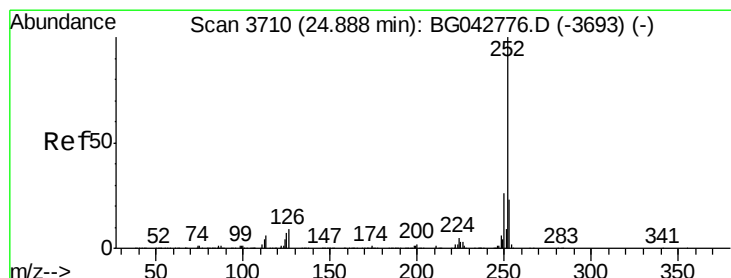
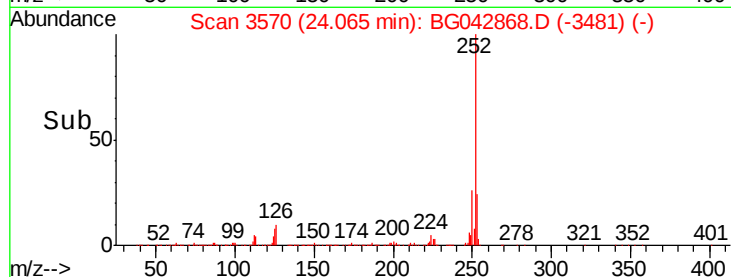
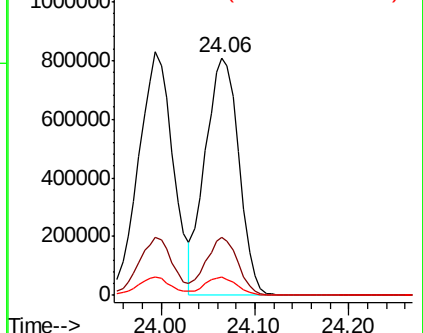
125 7.8 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.099 ng

RT: 24.88 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG042868.D

Acq: 17 Sep 2019 4:07

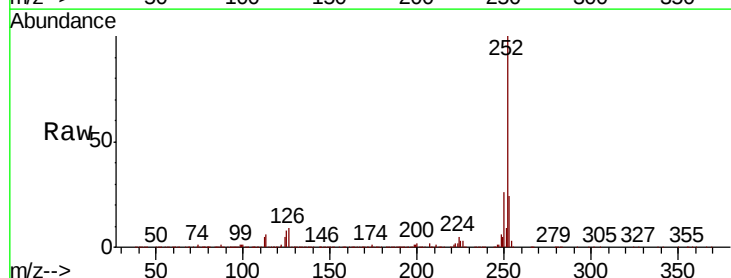
Tgt Ion:252 Resp: 1985216

Ion Ratio Lower Upper

252 100

253 24.0 18.1 27.1

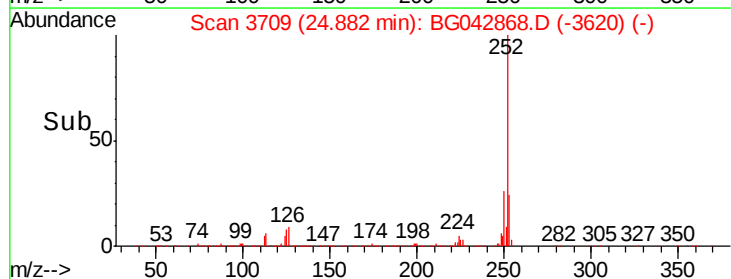
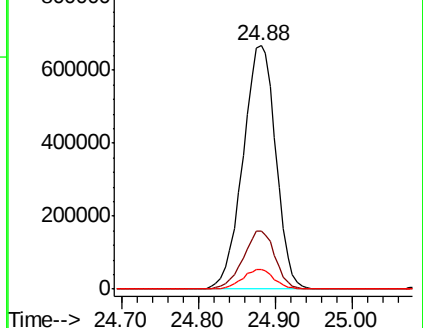
125 8.2 5.7 8.5

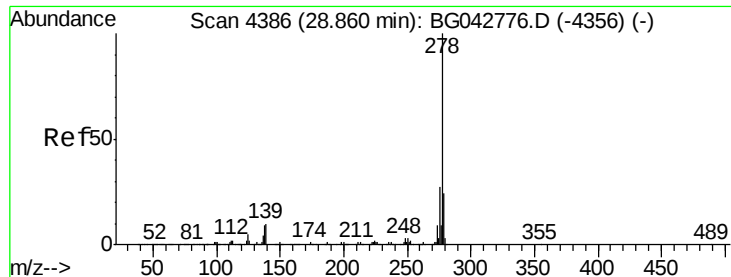


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



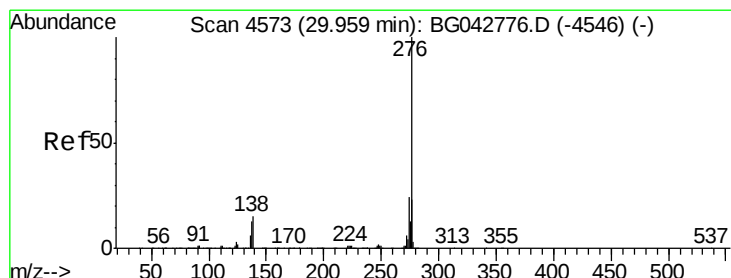
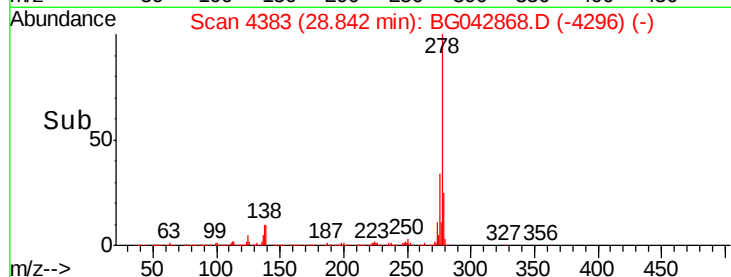
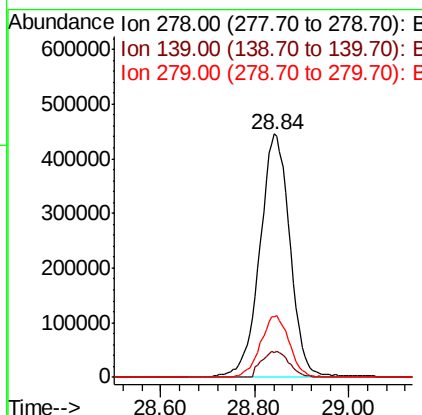
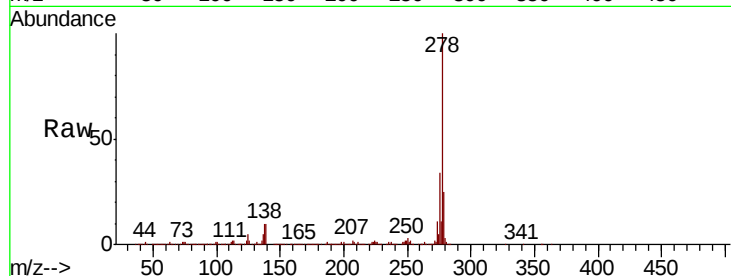


#91
Dibenzo(a,h)anthracene
Concen: 39.793 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.02 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1987216

Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.2	12.2
279	24.9	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 38.596 ng
RT: 29.95 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG042868.D
Acq: 17 Sep 2019 4:07

Tgt Ion:276 Resp: 1880060

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.4	27.6
138	13.8	11.8	17.8

