

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042777.D
 Acq On : 12 Sep 2019 11:10
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 12:44:04 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 12:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	78966	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	316674	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	213861	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	504846	20.00	ng	0.00
76) Chrysene-d12	21.77	240	504706	20.00	ng	0.00
87) Perylene-d12	25.04	264	570983	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	445668	97.12	ng	0.00
7) Phenol-d6	7.27	99	641529	98.28	ng	0.00
23) Nitrobenzene-d5	9.28	82	603766	115.41	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	282584	104.37	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1330044	98.27	ng	0.00
79) Terphenyl-d14	20.09	244	2217015	97.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	101225	48.497	ng	99
3) Pyridine	3.99	79	309150	49.030	ng	99
4) n-Nitrosodimethylamine	3.90	42	152235	49.092	ng	97
6) Aniline	7.44	93	427904	48.130	ng	100
8) 2-Chlorophenol	7.69	128	237562	48.905	ng	98
9) Benzaldehyde	7.26	77	189911	46.971	ng	95
10) Phenol	7.29	94	323132	48.728	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	246495	48.098	ng	97
12) 1,3-Dichlorobenzene	8.02	146	290573	48.438	ng	99
13) 1,4-Dichlorobenzene	8.16	146	292495	48.837	ng	94
14) 1,2-Dichlorobenzene	8.48	146	271902	47.831	ng	99
15) Benzyl Alcohol	8.35	79	270482	48.330	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	546153	47.423	ng	97
17) 2-Methylphenol	8.55	107	215576	47.806	ng	99
18) Hexachloroethane	9.22	117	107254	48.920	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	228984	47.705	ng	97
20) 3+4-Methylphenols	8.88	107	301069	48.980	ng	96
22) Acetophenone	8.95	105	383198	47.665	ng	97
24) Nitrobenzene	9.32	77	319350	56.473	ng	96
25) Isophorone	9.85	82	618350	48.980	ng	99
26) 2-Nitrophenol	10.04	139	125540	61.498	ng	93
27) 2,4-Dimethylphenol	10.09	122	223475	50.801	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	340522	48.111	ng	98
29) 2,4-Dichlorophenol	10.57	162	253409	50.334	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	307678	49.212	ng	99
31) Naphthalene	10.98	128	763627	49.285	ng	99
32) Benzoic acid	10.22	122	175931	61.572	ng	99
33) 4-Chloroaniline	11.08	127	355733	48.399	ng	98
34) Hexachlorobutadiene	11.28	225	212599	48.461	ng	96
35) Caprolactam	11.85	113	95040	50.187	ng	97
36) 4-Chloro-3-methylphenol	12.19	107	273470	49.894	ng	95
37) 2-Methylnaphthalene	12.58	142	573579	49.193	ng	99
38) 1-Methylnaphthalene	12.80	142	538235	49.392	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	346175	48.853	ng	98

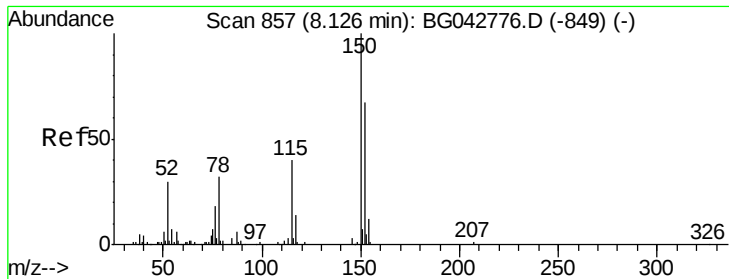
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042777.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	203426	49.614	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	233329	52.243	ng	96
44) 2,4,5-Trichlorophenol	13.25	196	236019	51.000	ng	98
46) 1,1'-Biphenyl	13.58	154	741442	49.904	ng	99
47) 2-Chloronaphthalene	13.62	162	610454	49.547	ng	97
48) 2-Nitroaniline	13.81	65	220495	62.837	ng	96
49) Acenaphthylene	14.46	152	931473	49.041	ng	98
50) Dimethylphthalate	14.19	163	793061	49.657	ng	99
51) 2,6-Dinitrotoluene	14.30	165	167281	61.015	ng	96
52) Acenaphthene	14.81	154	610856	50.293	ng	99
53) 3-Nitroaniline	14.63	138	185298	58.122	ng	94
54) 2,4-Dinitrophenol	14.83	184	81961	61.074	ng	89
55) Dibenzofuran	15.14	168	908133	49.491	ng	98
56) 4-Nitrophenol	14.92	139	146217	57.639	ng	97
57) 2,4-Dinitrotoluene	15.09	165	226328	65.122	ng	# 98
58) Fluorene	15.78	166	751317	49.429	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	236912	52.740	ng	99
60) Diethylphthalate	15.56	149	798807	49.158	ng	100
61) 4-Chlorophenyl-phenylether	15.78	204	443603	49.452	ng	97
62) 4-Nitroaniline	15.79	138	199004	54.777	ng	96
63) Azobenzene	16.07	77	769861	49.102	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	107931	62.096	ng	90
66) n-Nitrosodiphenylamine	15.99	169	670386	49.067	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	300059	49.080	ng	98
68) Hexachlorobenzene	16.80	284	320437	49.546	ng	97
69) Atrazine	16.94	200	204751	46.690	ng	98
70) Pentachlorophenol	17.13	266	197810	54.361	ng	97
71) Phenanthrene	17.52	178	1196561	49.311	ng	100
72) Anthracene	17.62	178	1196195	49.276	ng	100
73) Carbazole	17.88	167	1141755	49.055	ng	98
74) Di-n-butylphthalate	18.45	149	1375572	49.358	ng	99
75) Fluoranthene	19.53	202	1552234	48.279	ng	99
77) Benzidine	19.70	184	675359	45.064	ng	98
78) Pyrene	19.89	202	1548655	49.183	ng	98
80) Butylbenzylphthalate	20.78	149	625965	49.834	ng	99
81) Benzo(a)anthracene	21.75	228	1558438	48.454	ng	97
82) 3,3'-Dichlorobenzidine	21.65	252	616217	49.195	ng	98
83) Chrysene	21.81	228	1476017	48.313	ng	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	857063	48.966	ng	98
85) Di-n-octyl phthalate	22.91	149	1472421	49.875	ng	99
86) Indeno(1,2,3-cd)pyrene	28.79	276	1833624	48.841	ng	# 93
88) Benzo(b)fluoranthene	24.00	252	1614179	48.325	ng	98
89) Benzo(k)fluoranthene	24.08	252	1537709	48.214	ng	98
90) Benzo(a)pyrene	24.89	252	1513064	48.020	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	1489850	48.476	ng	98
92) Benzo(g,h,i)perylene	29.96	276	1456942	48.396	ng	98

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

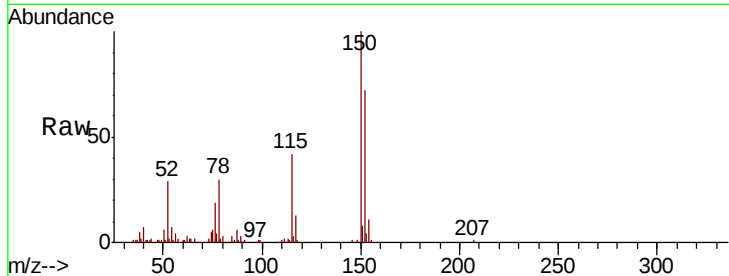


#1

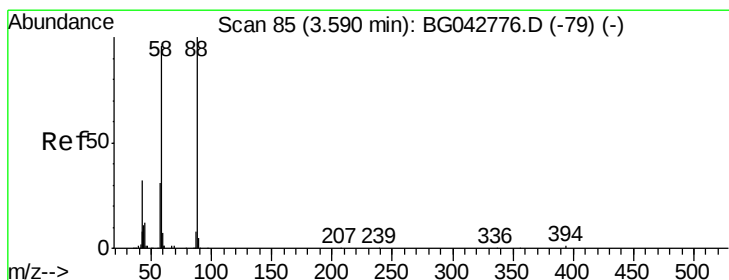
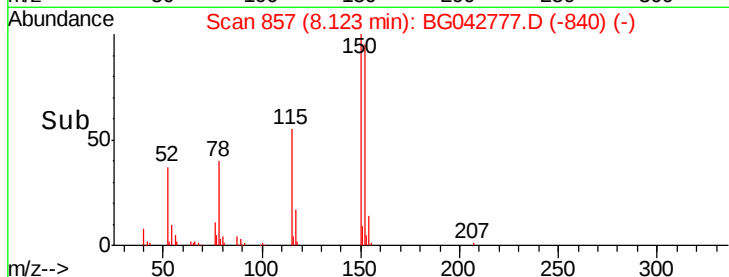
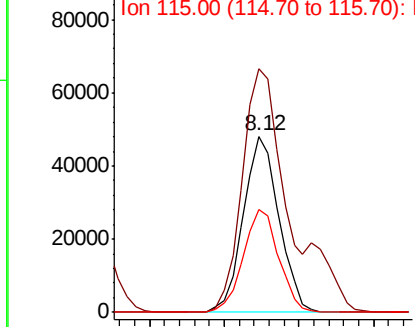
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.4	118.9	178.3
115	58.1	47.4	71.2



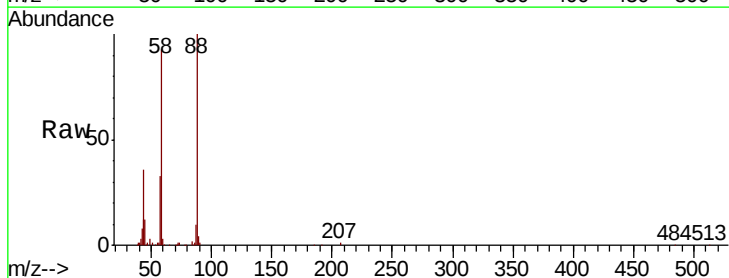
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



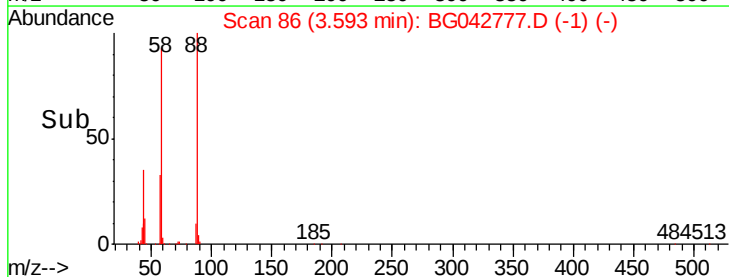
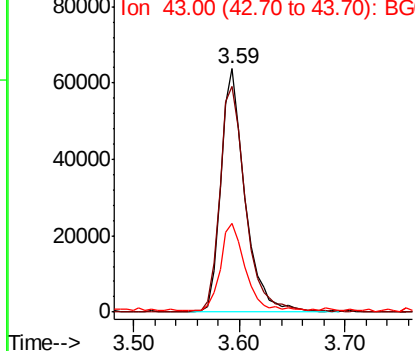
#2

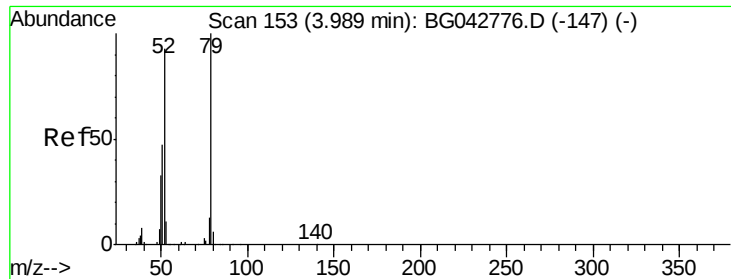
1,4-Dioxane
Concen: 48.497 ng
RT: 3.59 min Scan# 86
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.7	79.1	118.7
43	36.8	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: 49.030 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

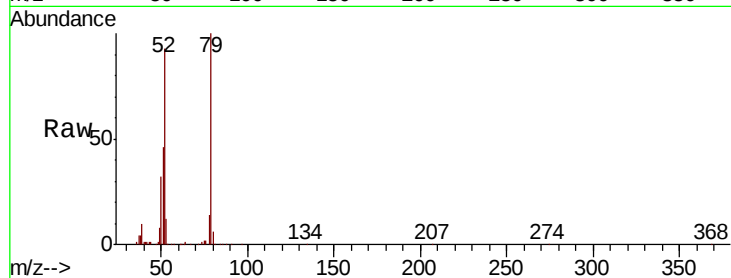
Tot Ion: 79 Resp: 309150

Ion Ratio Lower Upper

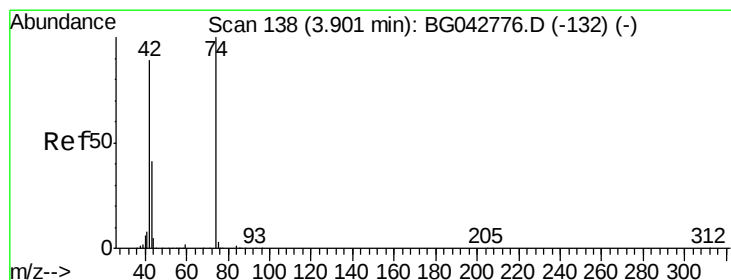
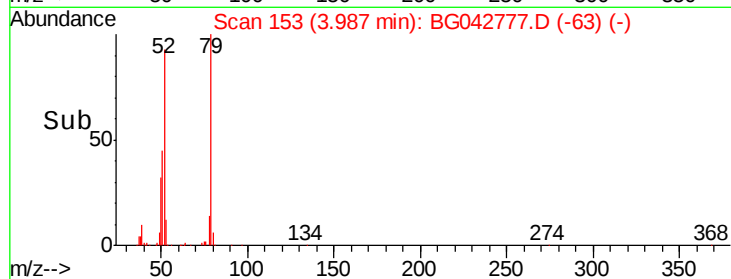
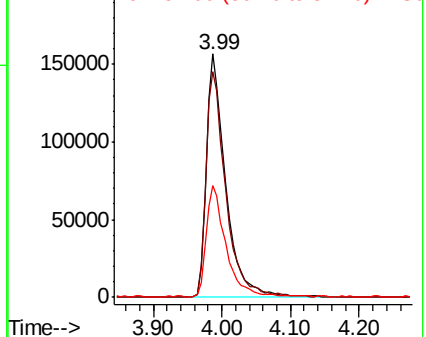
79 100

52 92.7 74.0 111.0

51 45.8 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: 49.092 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

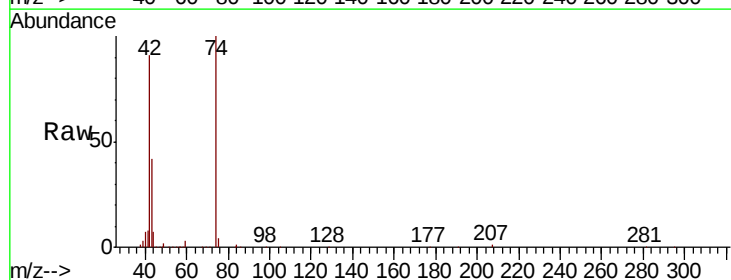
Tgt Ion: 42 Resp: 152235

Ion Ratio Lower Upper

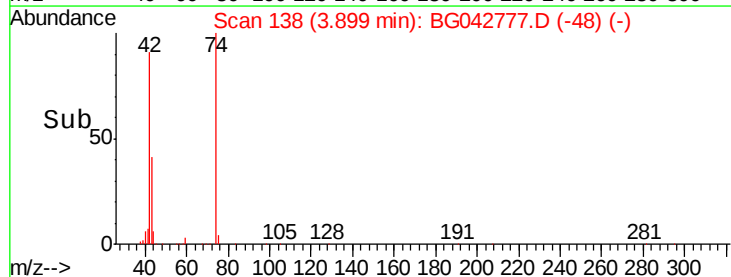
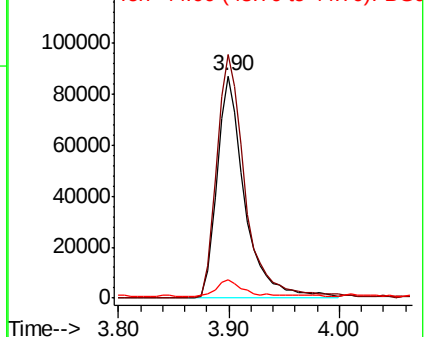
42 100

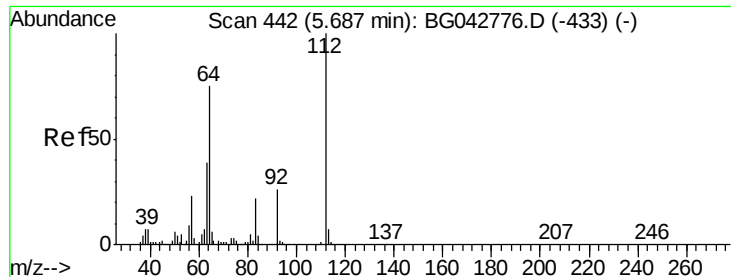
74 109.6 90.2 135.2

44 8.1 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: 97.118 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

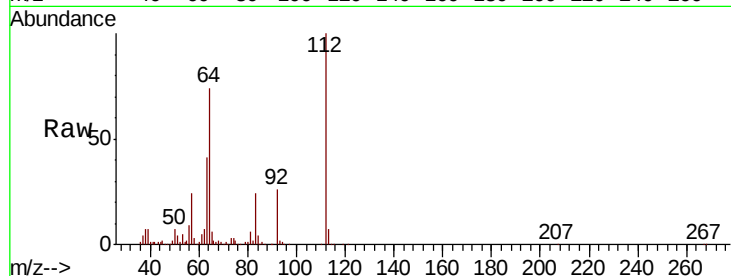
Tot Ion:112 Resp: 445668

Ion Ratio Lower Upper

112 100

64 73.8 60.2 90.2

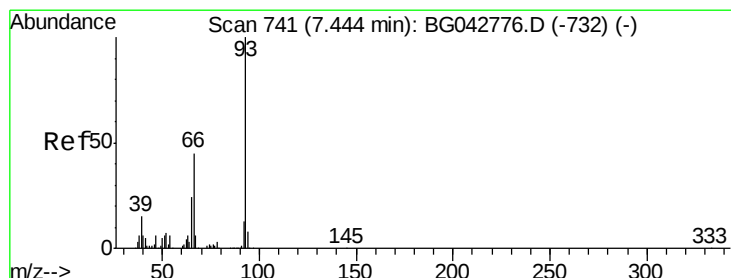
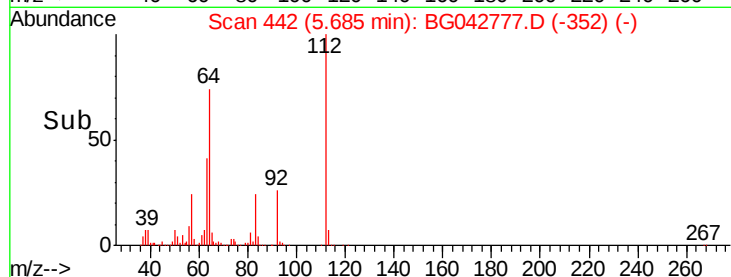
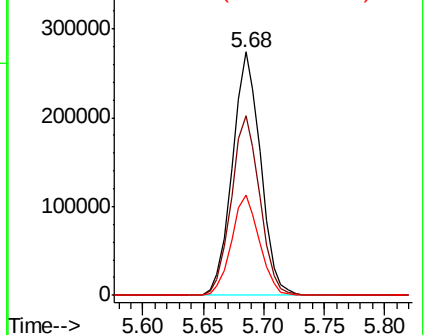
63 41.0 31.2 46.8



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: 48.130 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

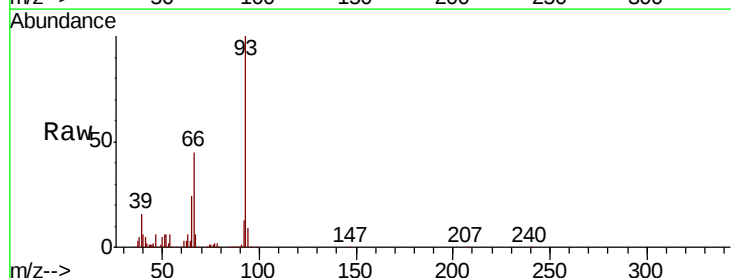
Tgt Ion: 93 Resp: 427904

Ion Ratio Lower Upper

93 100

66 45.5 36.3 54.5

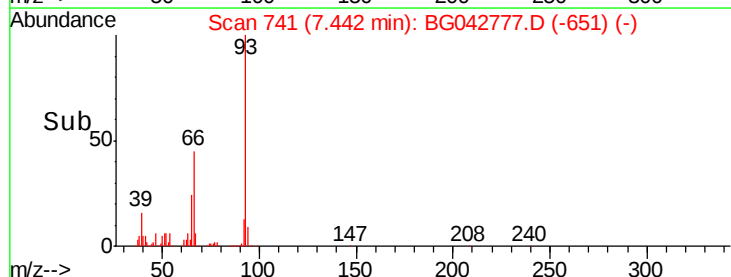
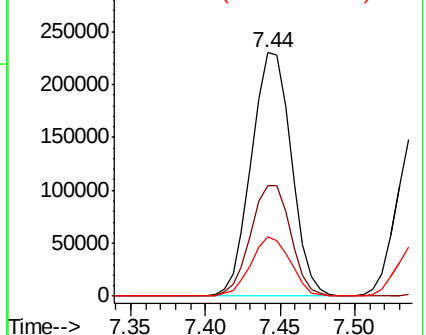
65 24.2 19.3 28.9

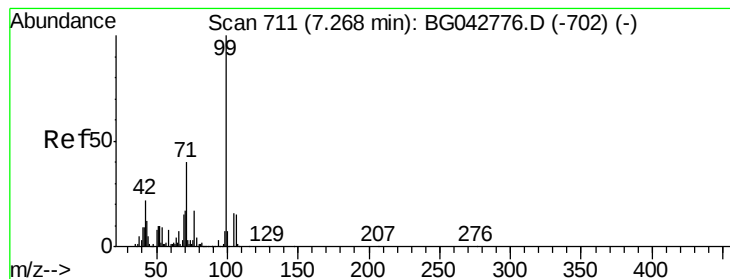


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.283 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

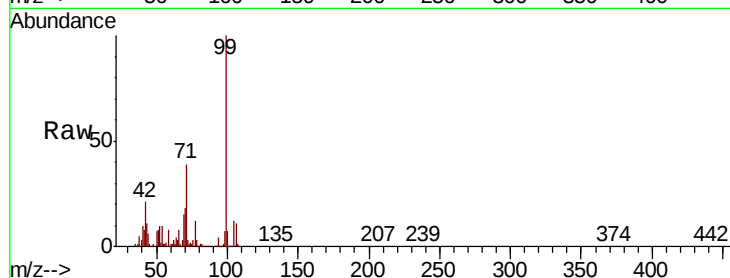
Tot Ion: 99 Resp: 641529

Ion Ratio Lower Upper

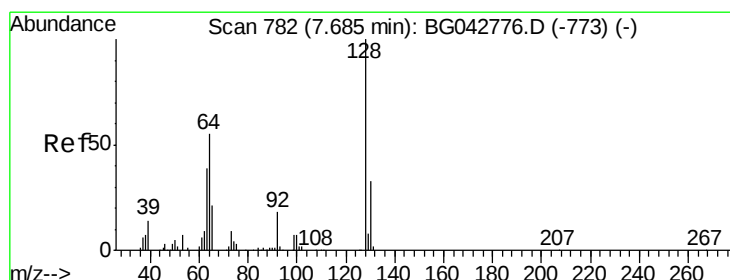
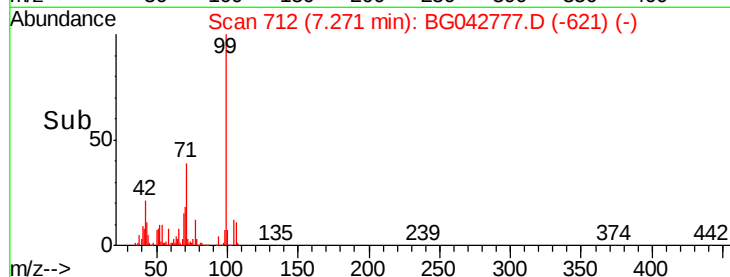
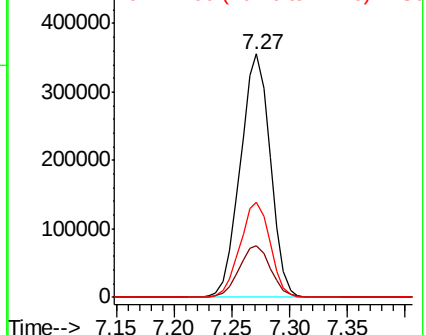
99 100

42 21.1 17.5 26.3

71 39.2 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: 48.905 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

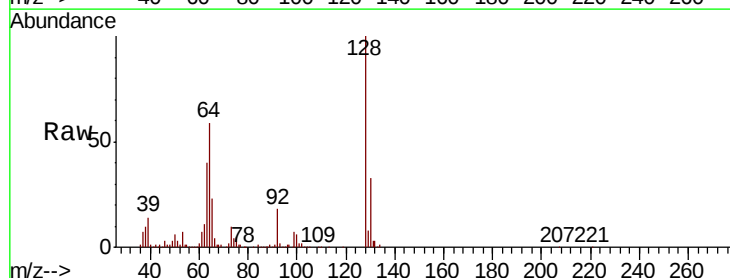
Tgt Ion: 128 Resp: 237562

Ion Ratio Lower Upper

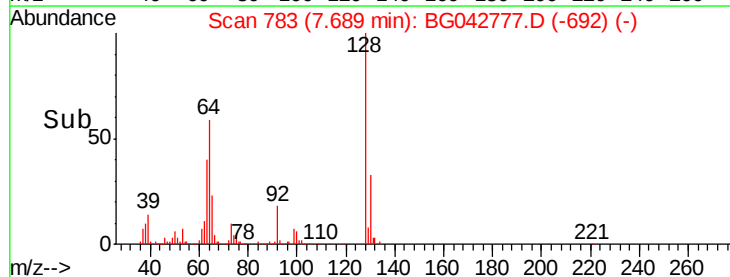
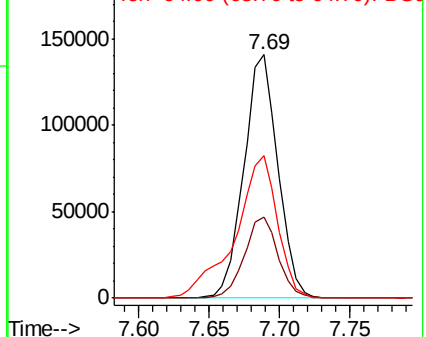
128 100

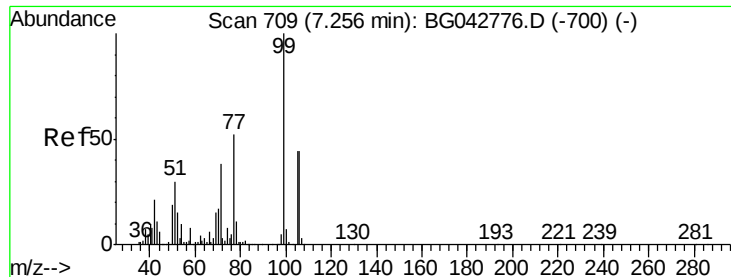
130 33.1 12.8 52.8

64 58.5 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: 46.971 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

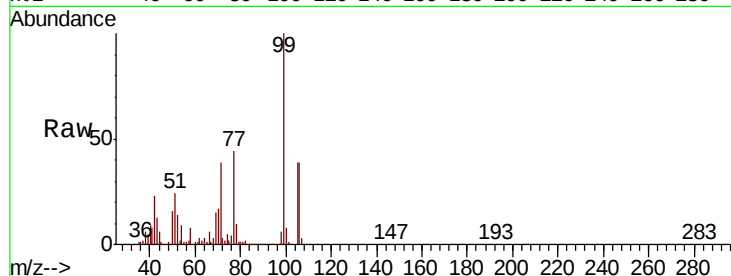
Tot Ion: 77 Resp: 189911

Ion Ratio Lower Upper

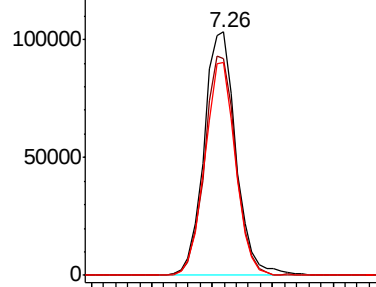
77 100

105 89.3 64.5 104.5

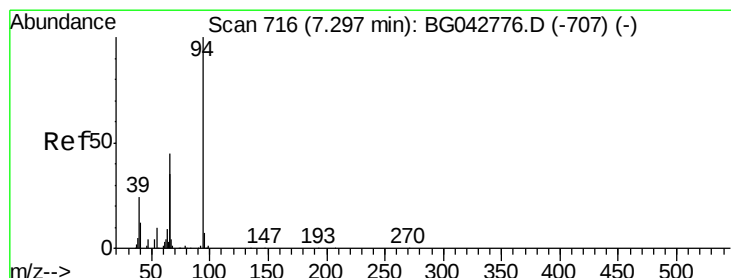
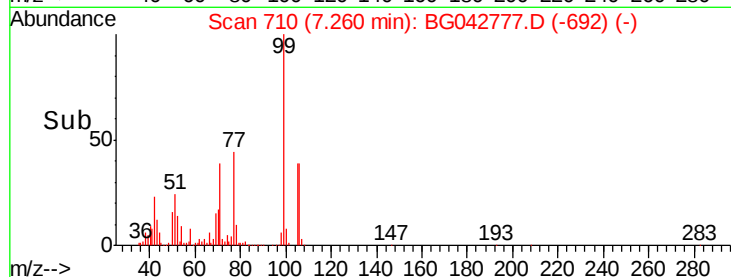
106 87.6 63.4 103.4



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



Time--> 7.15 7.20 7.25 7.30 7.35



#10

Phenol

Concen: 48.728 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

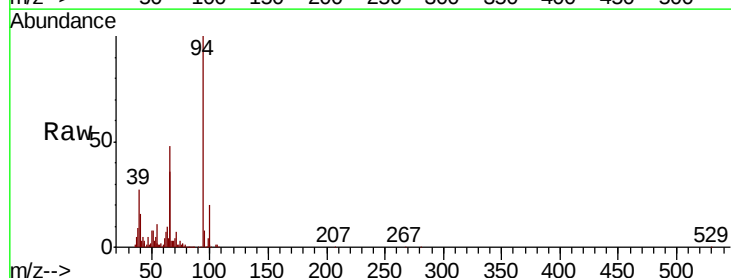
Tgt Ion: 94 Resp: 323132

Ion Ratio Lower Upper

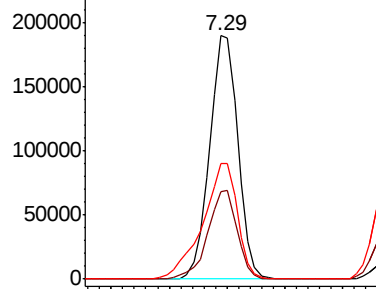
94 100

65 35.7 15.0 55.0

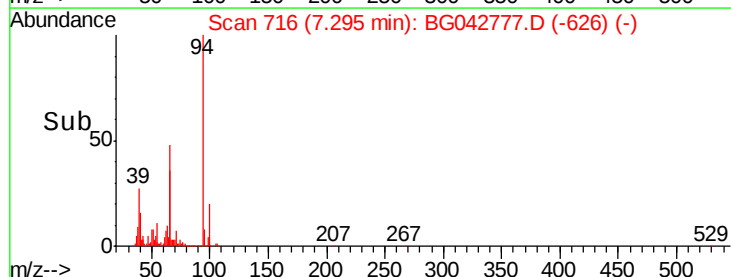
66 47.8 26.1 66.1

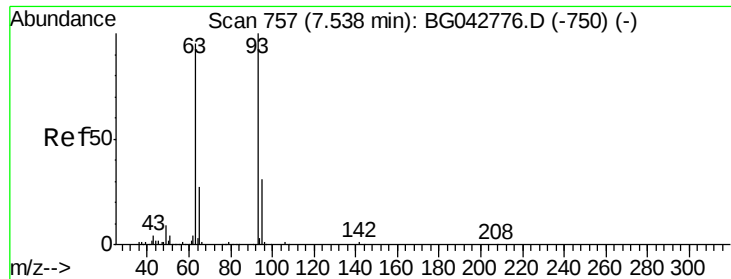


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time--> 7.20 7.25 7.30 7.35 7.40

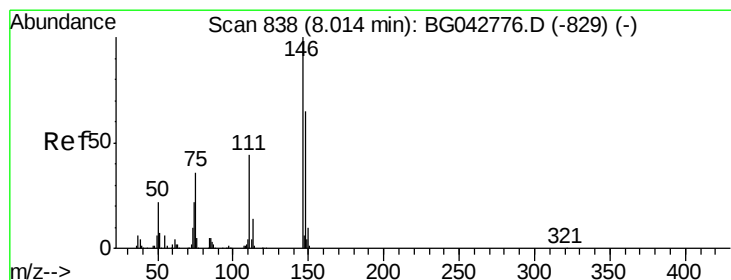
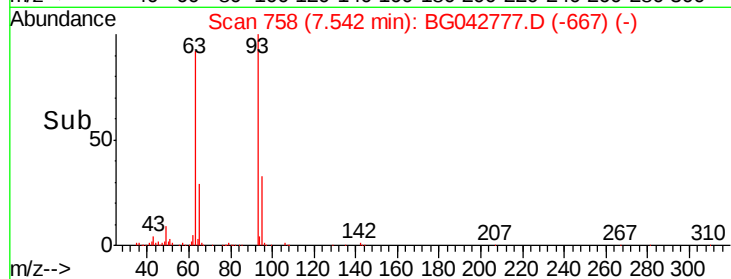
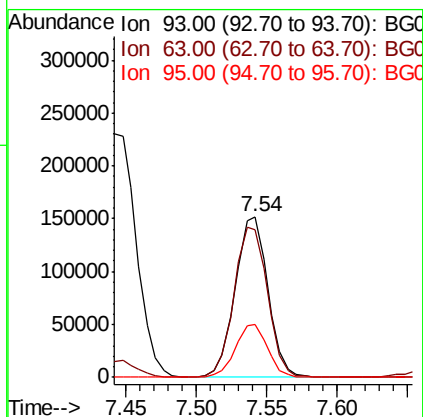
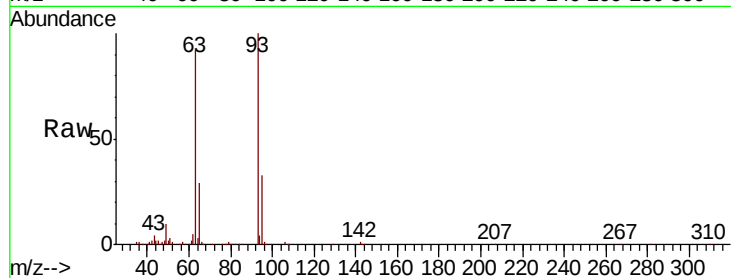




#11
bis(2-Chloroethyl)ether
Concen: 48.098 ng
RT: 7.54 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

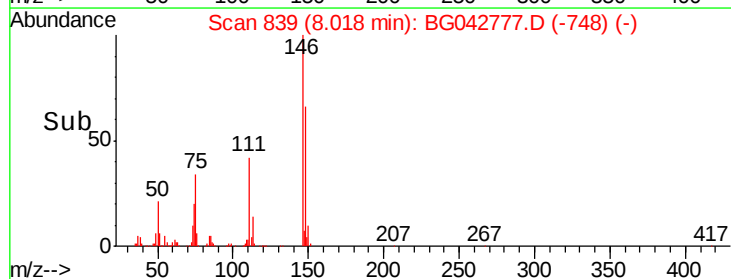
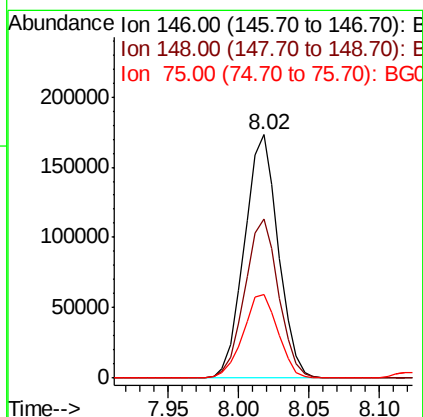
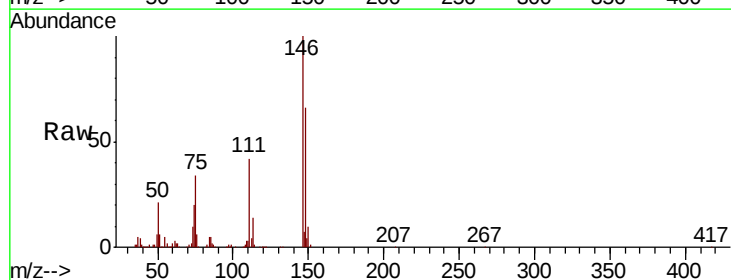
Instrument :
BNA_G
ClientSampleId :

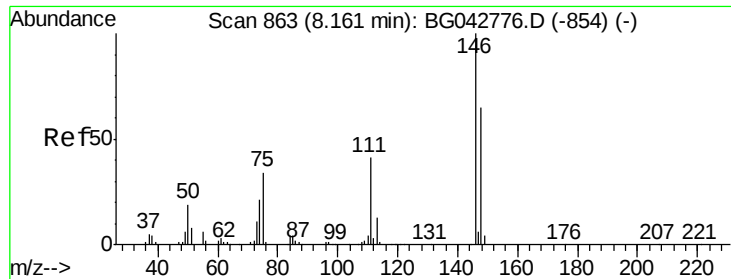
Tot Ion: 93 Resp: 246495
Ion Ratio Lower Upper
93 100
63 91.9 74.7 114.7
95 33.3 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 48.438 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion: 146 Resp: 290573
Ion Ratio Lower Upper
146 100
148 65.5 51.9 77.9
75 34.4 28.4 42.6

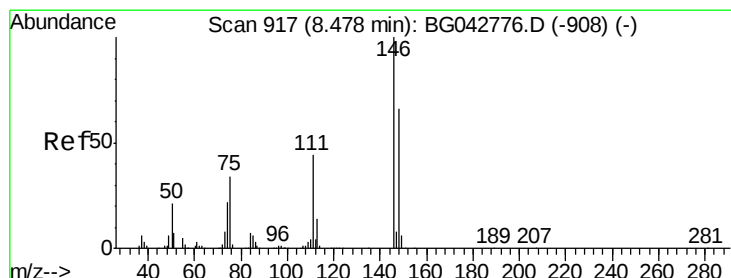
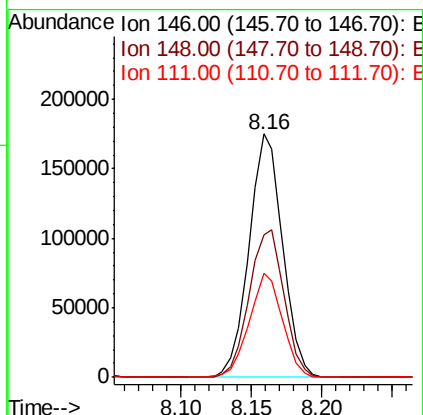
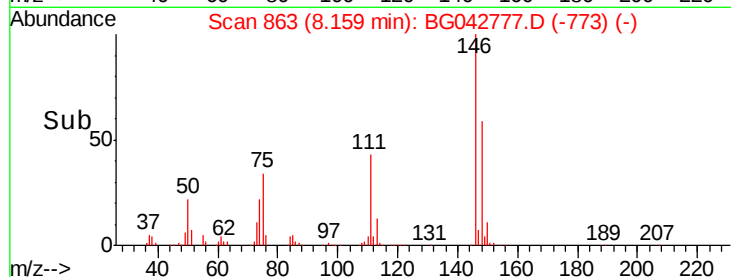
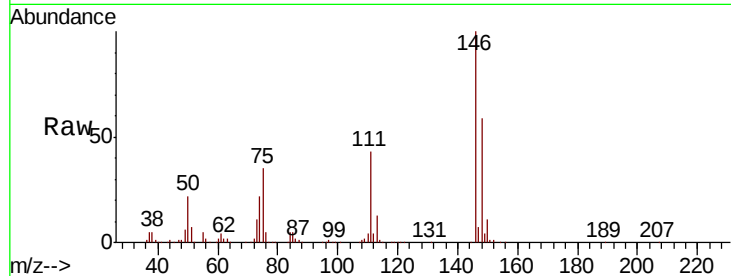




#13
 1,4-Dichlorobenzene
 Concen: 48.837 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

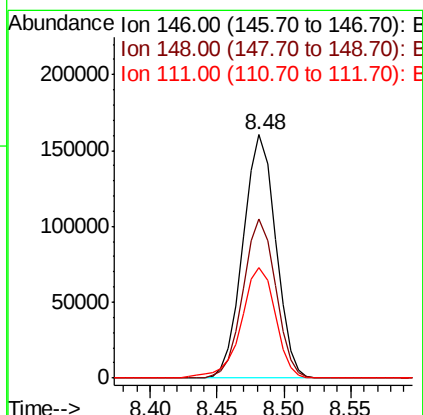
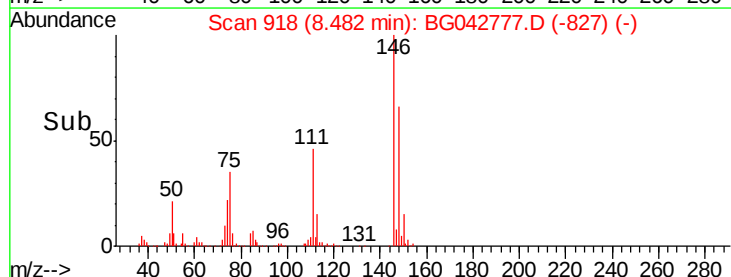
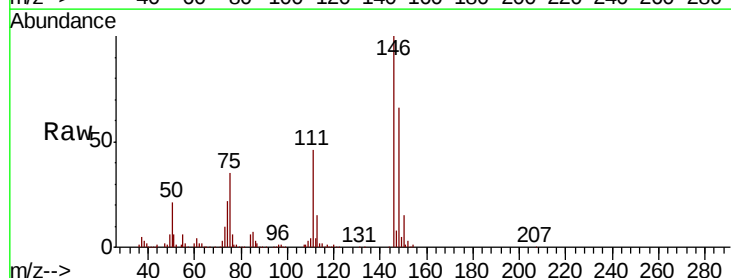
Instrument :
 BNA_G
 ClientSampled :

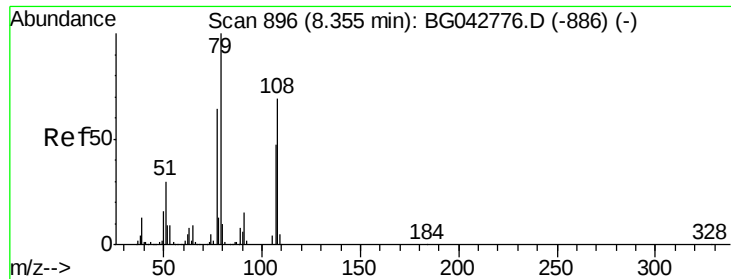
Tot Ion	Ratio	Lower	Upper
146	100		
148	58.7	52.2	78.4
111	42.6	32.6	49.0



#14
 1,2-Dichlorobenzene
 Concen: 47.831 ng
 RT: 8.48 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
111	45.6	35.3	52.9





#15

Benzyl Alcohol

Concen: 48.330 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

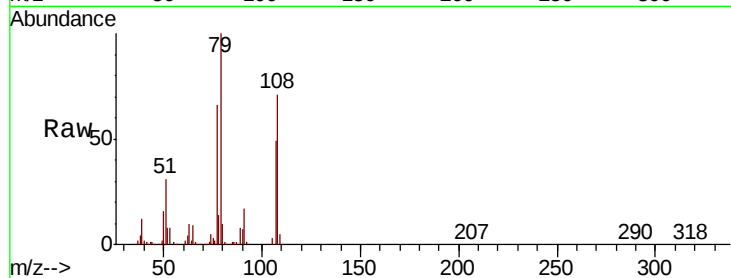
Tot Ion: 79 Resp: 270482

Ion Ratio Lower Upper

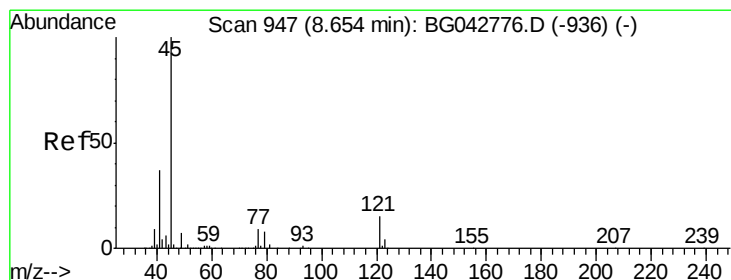
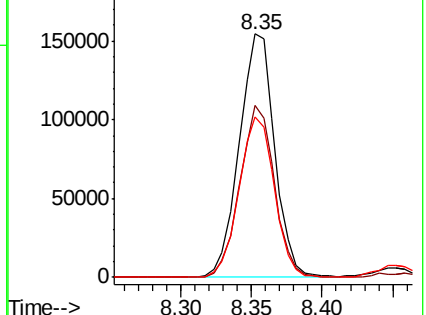
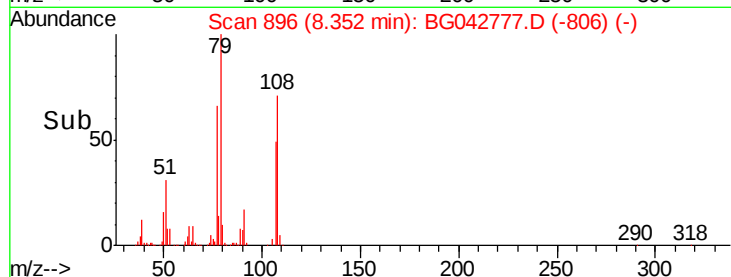
79 100

108 70.7 54.9 82.3

77 65.8 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: 47.423 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

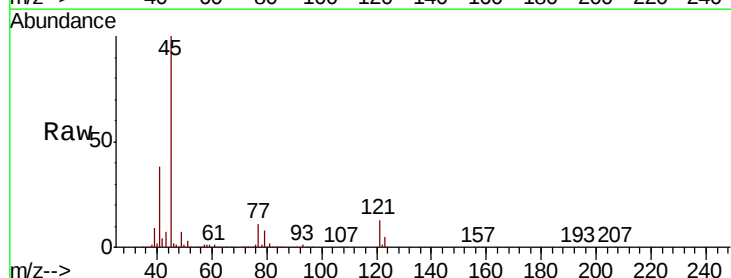
Tgt Ion: 45 Resp: 546153

Ion Ratio Lower Upper

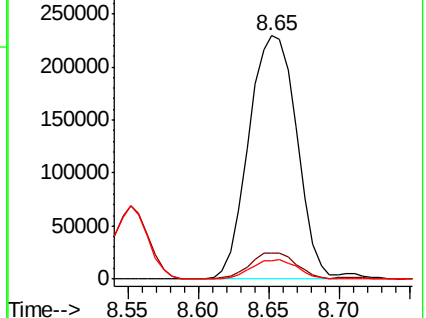
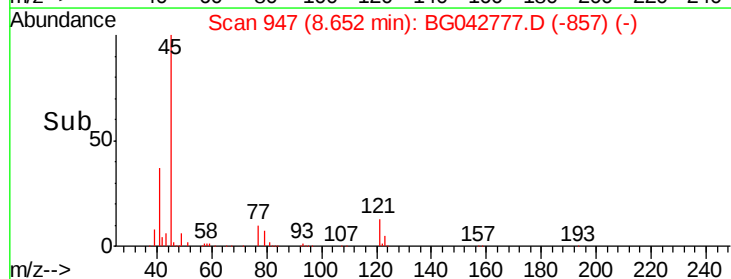
45 100

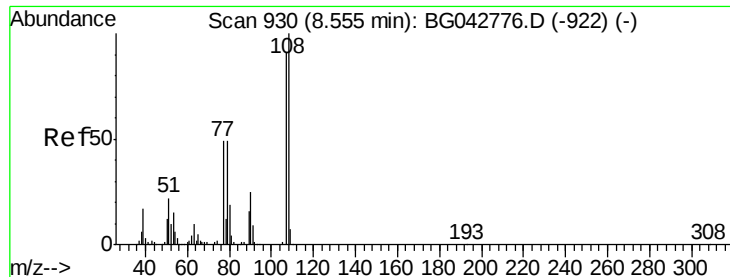
77 10.8 0.0 29.4

79 7.7 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: 47.806 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 215576

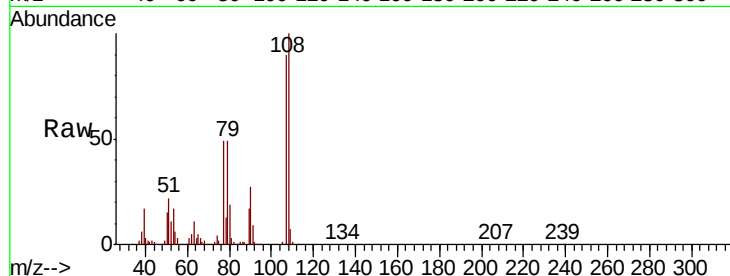
Ion Ratio Lower Upper

107 100

108 110.9 87.7 131.5

77 54.2 42.6 64.0

79 54.0 43.4 65.2

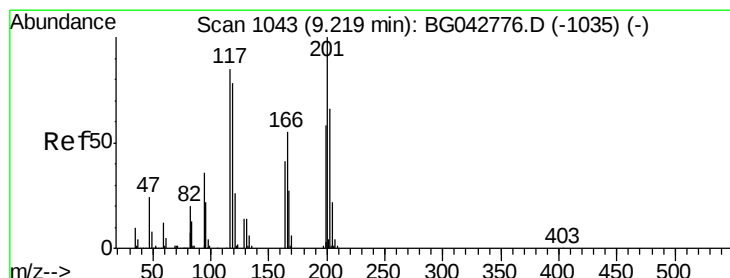
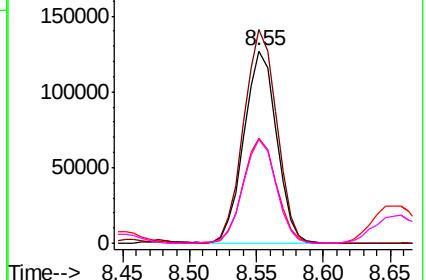
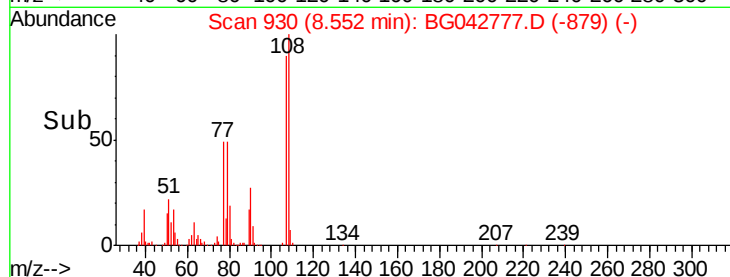


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.920 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

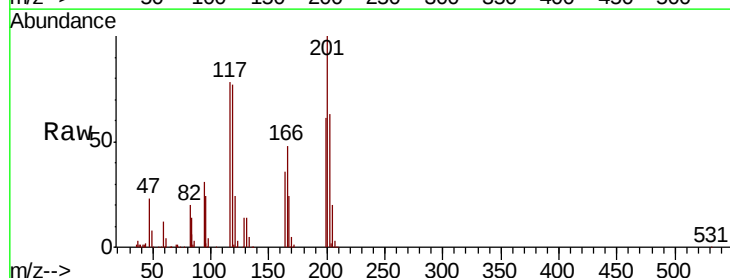
Tgt Ion:117 Resp: 107254

Ion Ratio Lower Upper

117 100

119 97.8 73.8 110.8

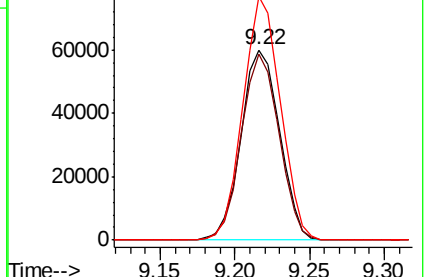
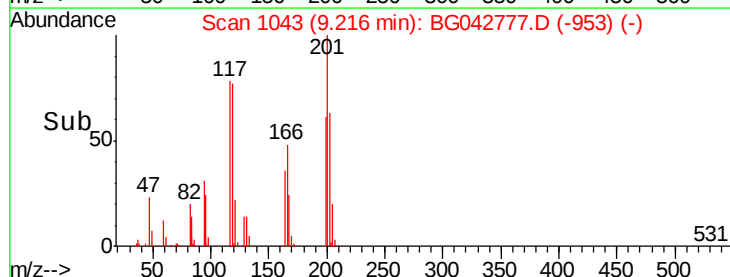
201 127.8 94.6 142.0

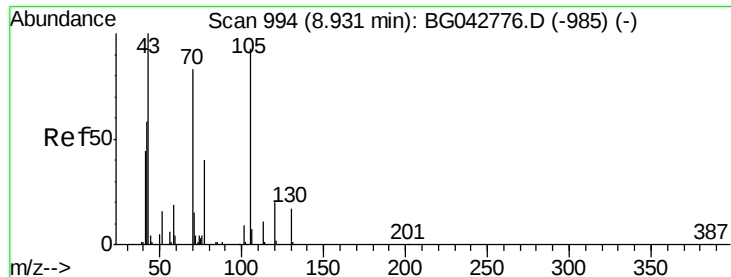


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

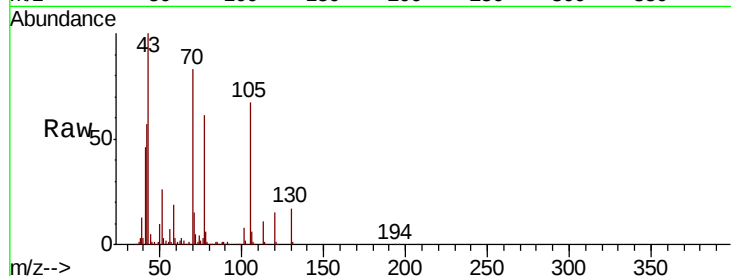




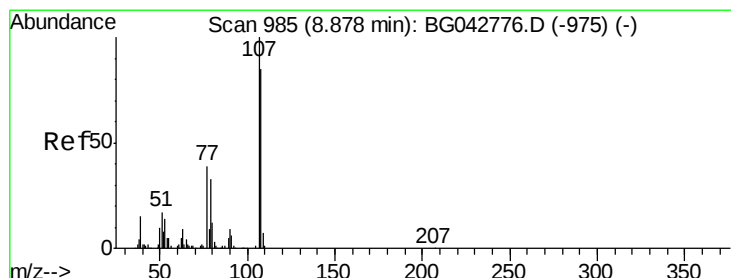
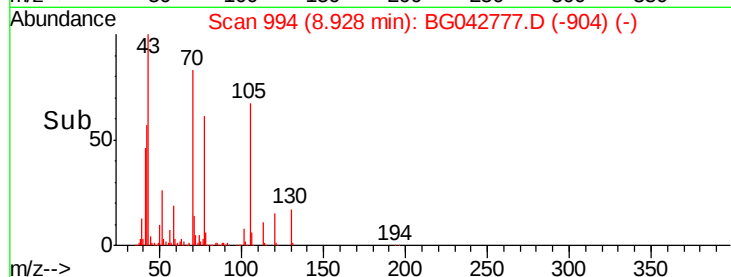
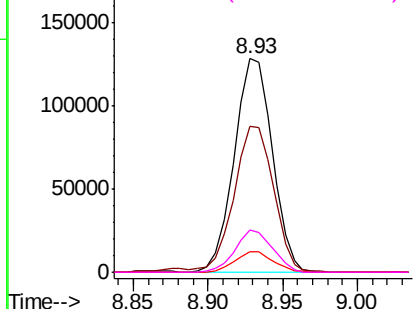
#19
n-Nitroso-di-n-propylamine
Concen: 47.705 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	228984
Ion	Ratio	Lower	Upper
70	100		
42	68.6	57.0	85.6
101	9.4	8.4	12.6
130	20.0	16.1	24.1

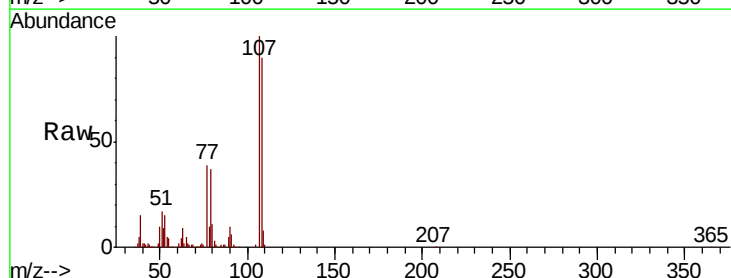


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

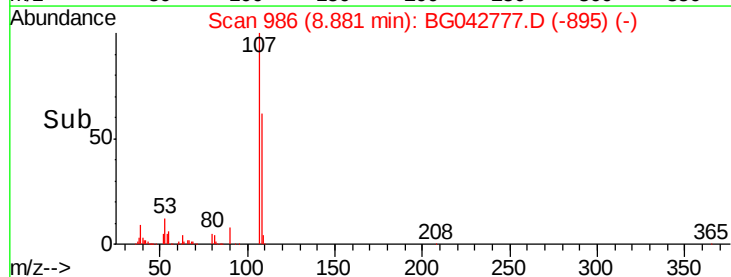
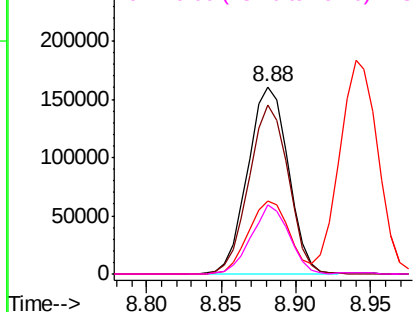


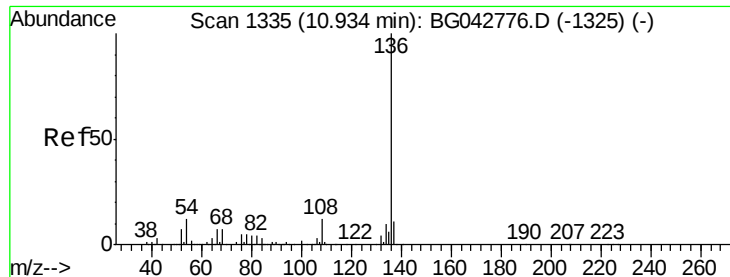
#20
3+4-Methylphenols
Concen: 48.980 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion:	107	Resp:	301069
Ion	Ratio	Lower	Upper
107	100		
108	90.3	65.4	105.4
77	39.3	18.7	58.7
79	37.0	13.7	53.7



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

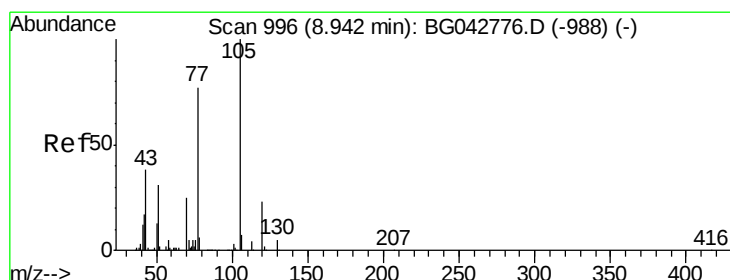
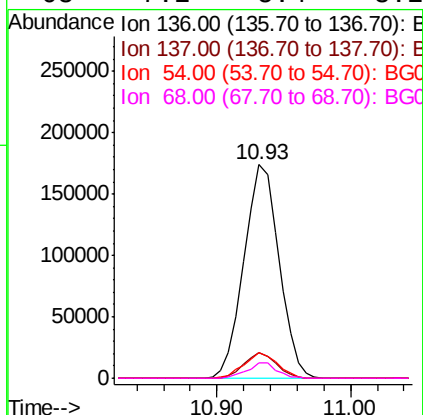
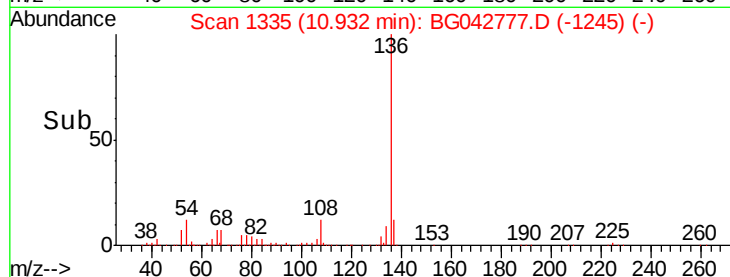
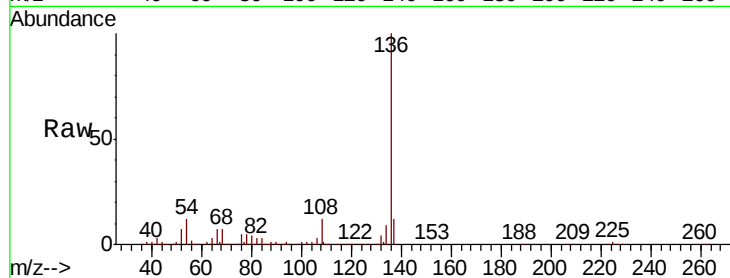




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

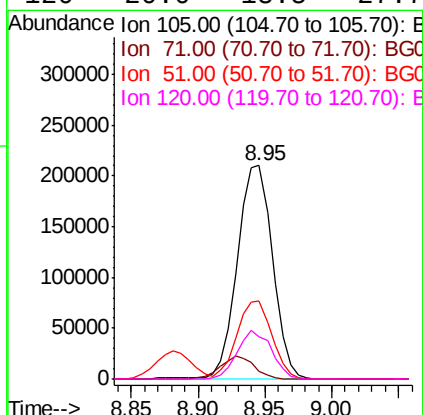
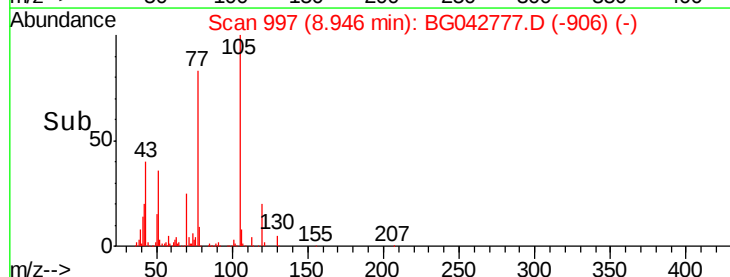
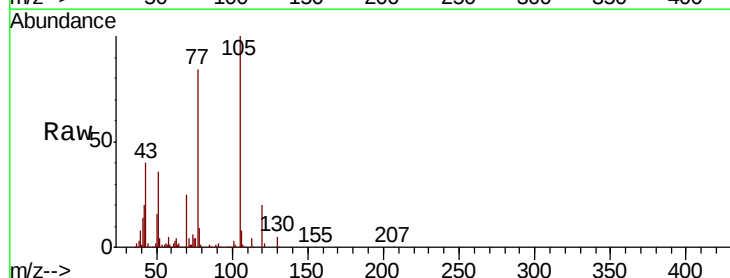
Instrument :
BNA_G
ClientSampleId :

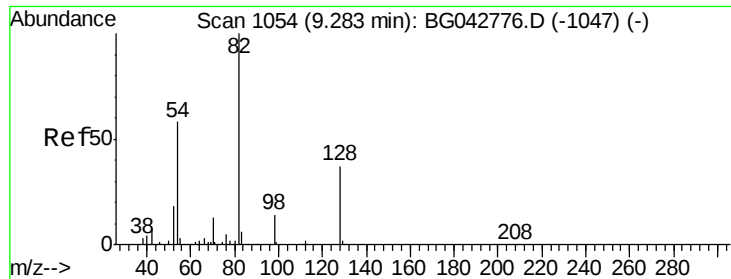
Tot Ion:136	Resp:	316674
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.0 13.6
54	12.1	9.4 14.0
68	7.2	5.4 8.2



#22
Acetophenone
Concen: 47.665 ng
RT: 8.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion:105	Resp:	383198
Ion	Ratio	Lower Upper
105	100	
71	3.7	3.7 5.5
51	36.3	28.8 43.2
120	20.0	18.5 27.7

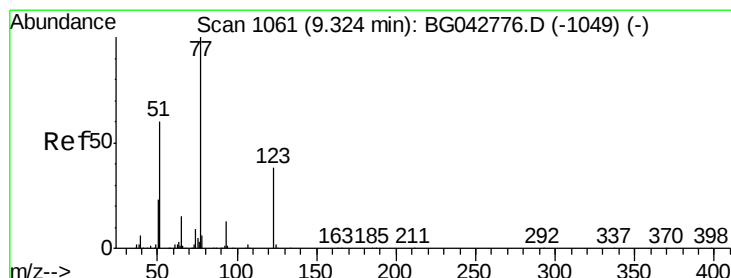
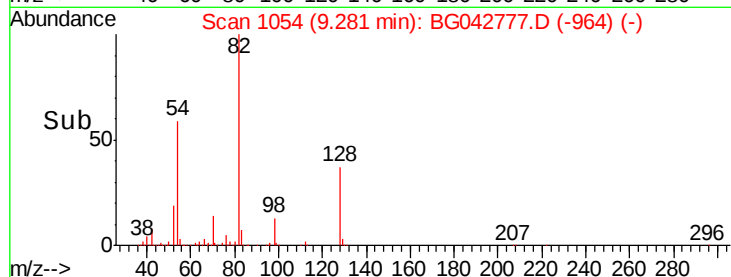
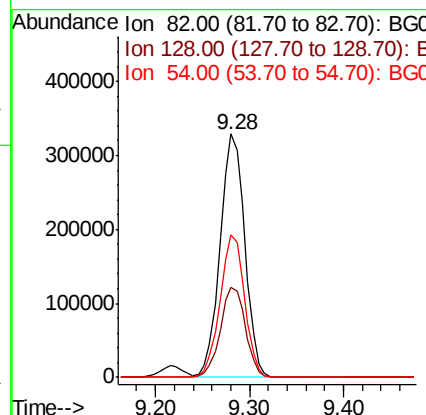
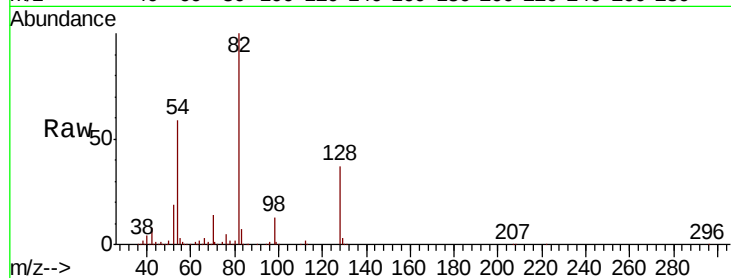




#23
 Nitrobenzene-d5
 Concen: 115.408 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

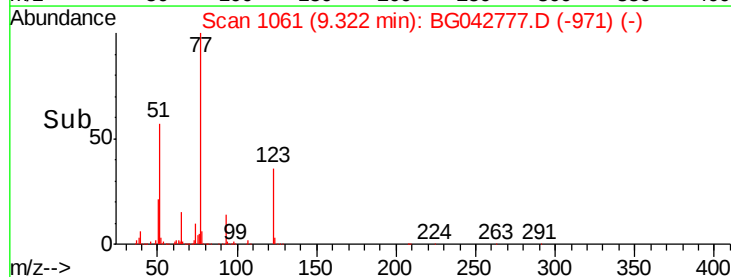
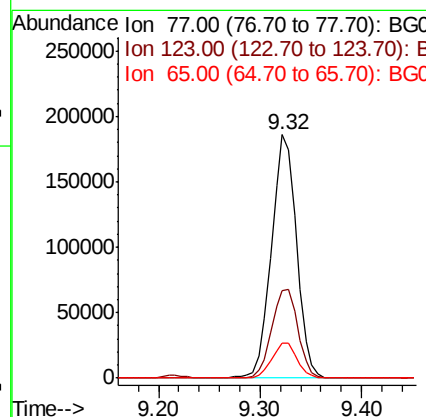
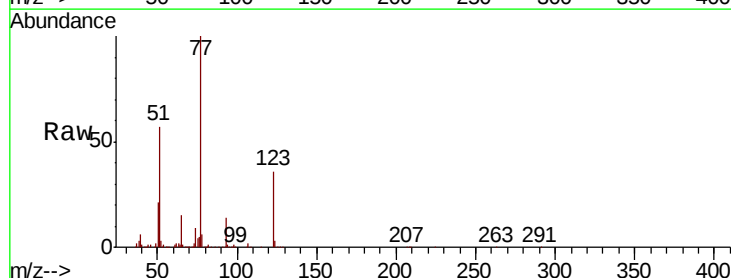
Instrument :
 BNA_G
 ClientSampleId :

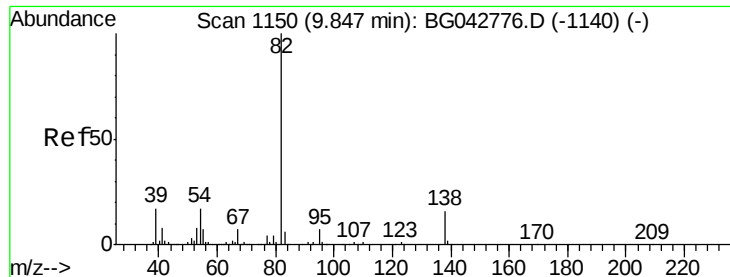
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.8	44.8
54	58.8	46.1	69.1



#24
 Nitrobenzene
 Concen: 56.473 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.7	30.7	46.1
65	14.6	12.2	18.4

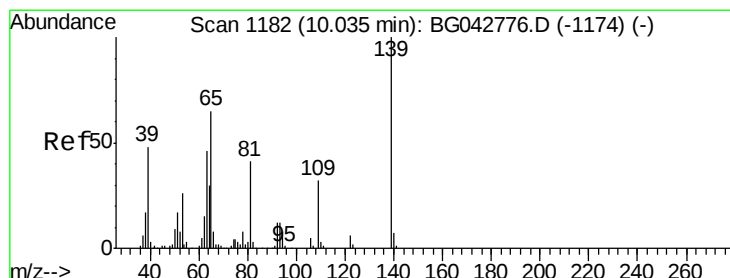
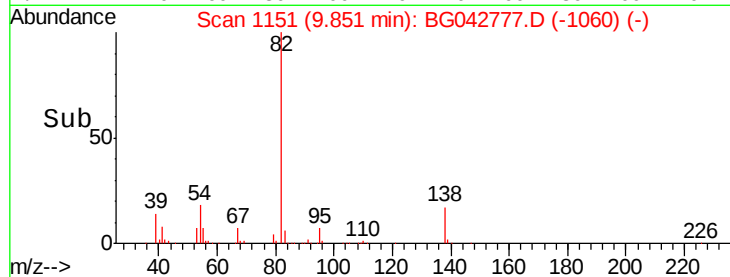
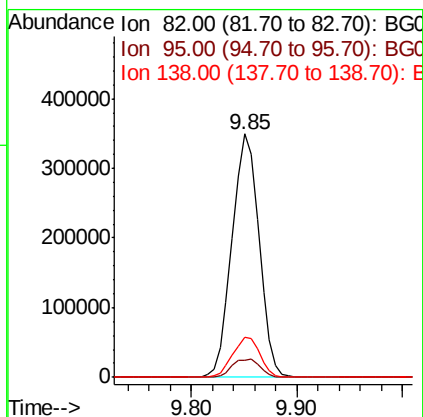
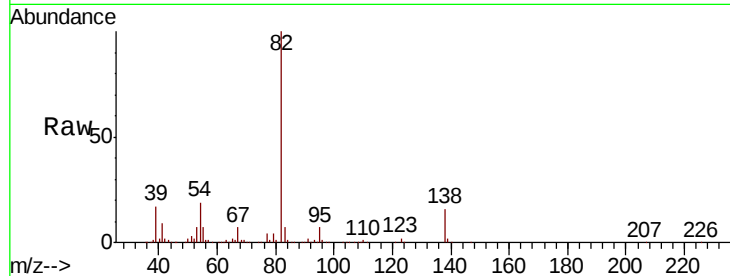




#25
Isophorone
Concen: 48.980 ng
RT: 9.85 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

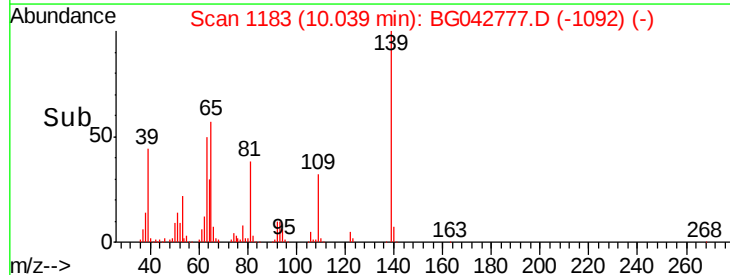
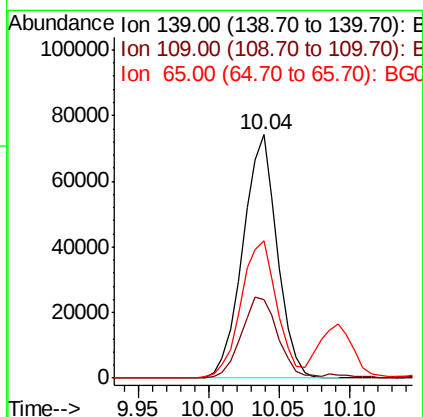
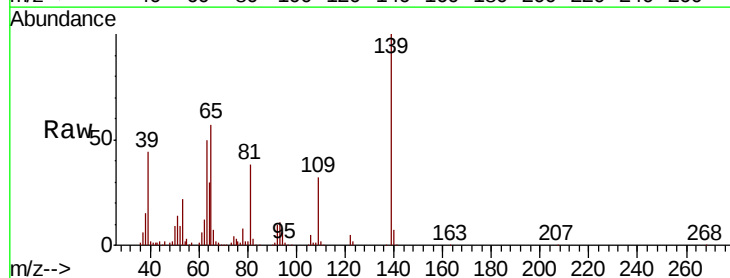
Instrument :
BNA_G
ClientSampleId :

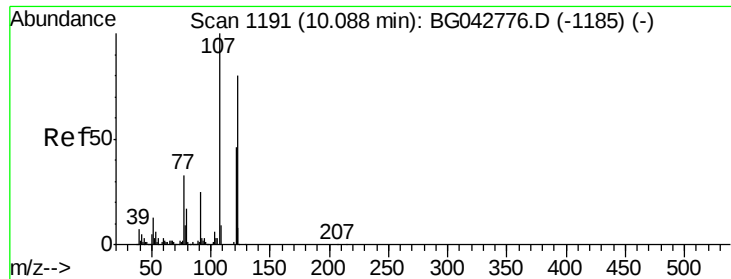
Tot Ion: 82 Resp: 618350
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 16.3 12.9 19.3



#26
2-Nitrophenol
Concen: 61.498 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion: 139 Resp: 125540
Ion Ratio Lower Upper
139 100
109 32.3 25.8 38.8
65 56.5 52.2 78.2

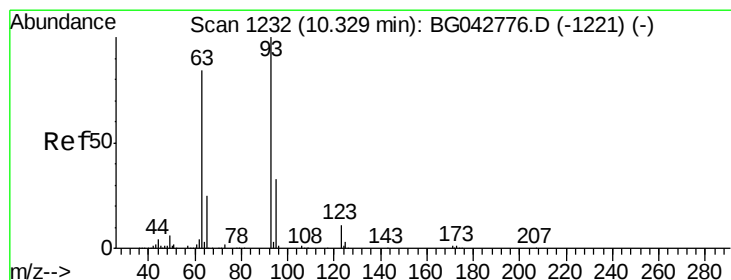
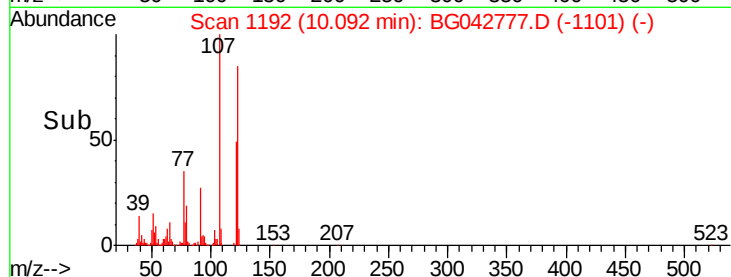
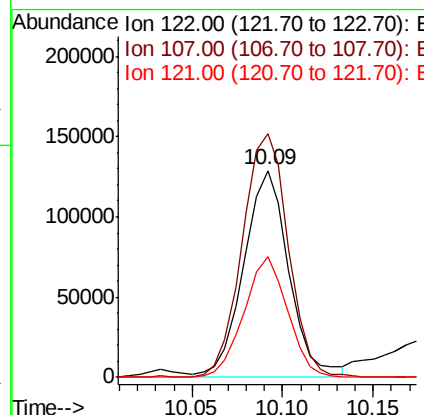
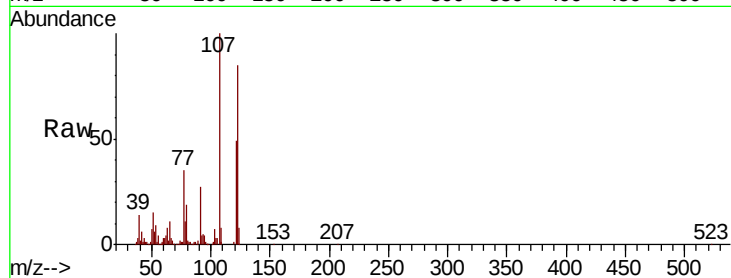




#27
2,4-Dimethylphenol
Concen: 50.801 ng
RT: 10.09 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

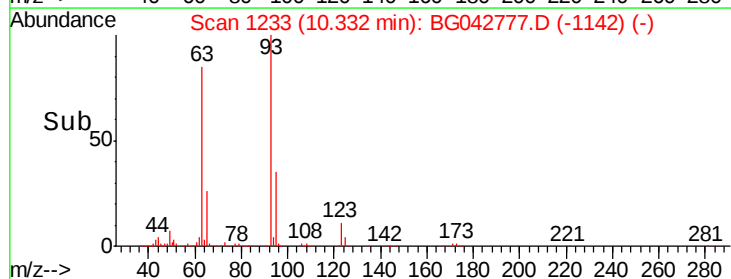
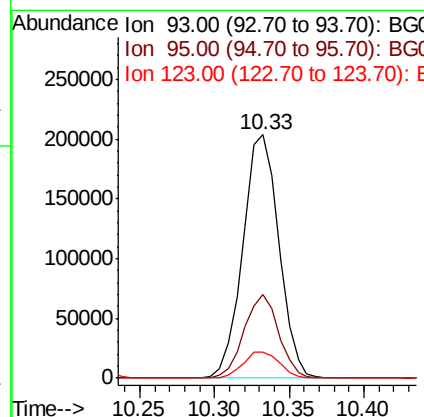
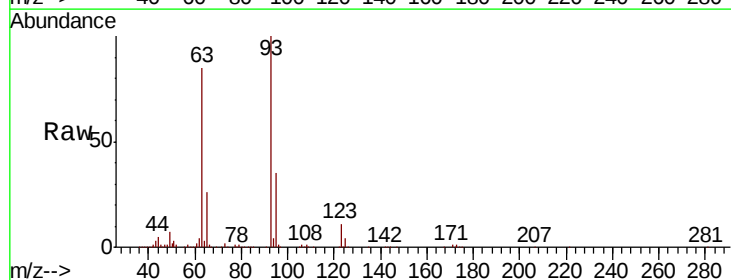
Instrument :
BNA_G
ClientSampleId :

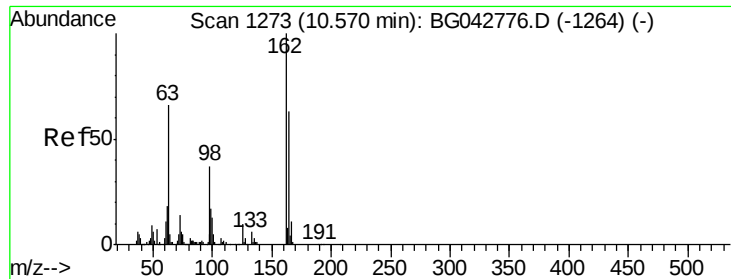
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	98.9	148.3
121	58.2	46.2	69.2



#28
bis(2-Chloroethoxy)methane
Concen: 48.111 ng
RT: 10.33 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	26.6	40.0
123	10.8	9.0	13.6

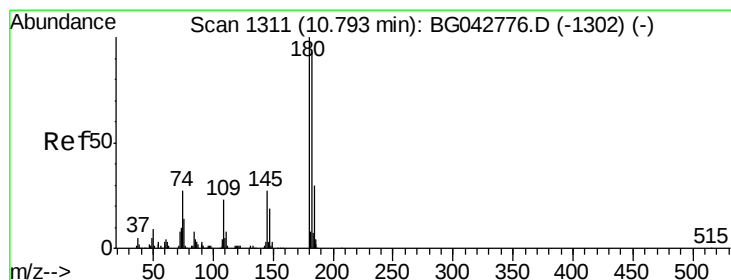
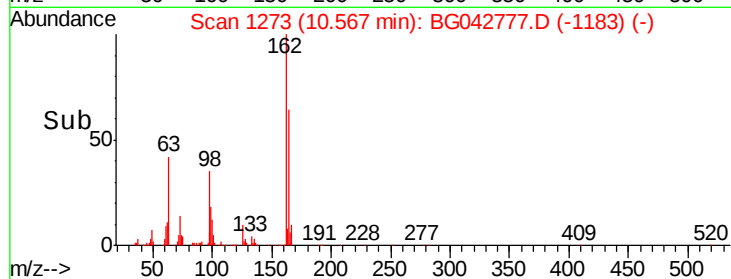
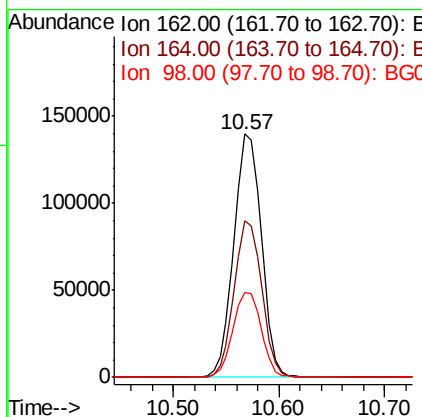
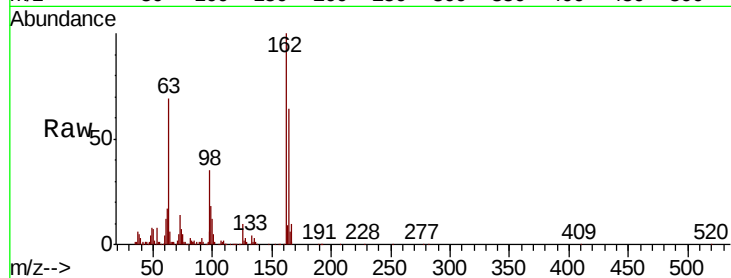




#29
 2,4-Dichlorophenol
 Concen: 50.334 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

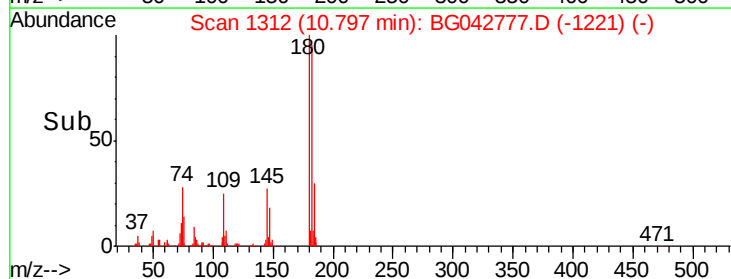
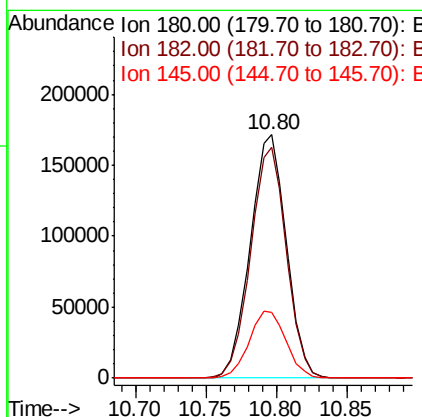
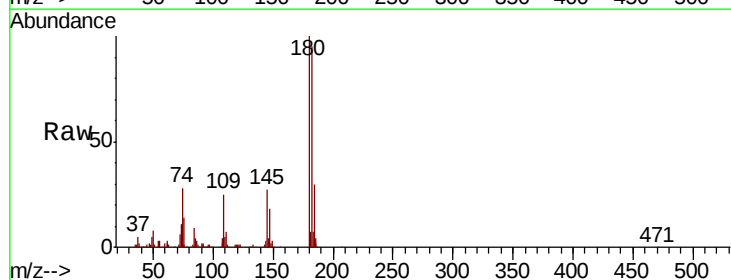
Instrument :
 BNA_G
 ClientSampleId :

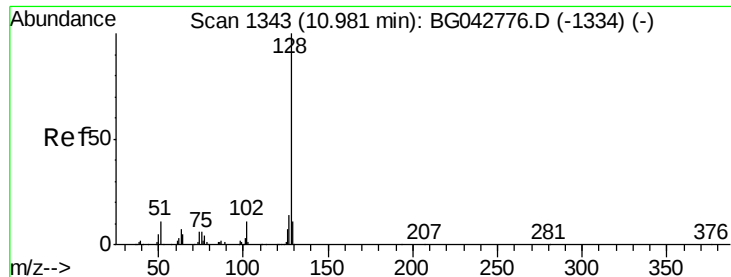
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.4	83.4
98	34.9	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 49.212 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.6	112.0
145	26.9	21.8	32.6

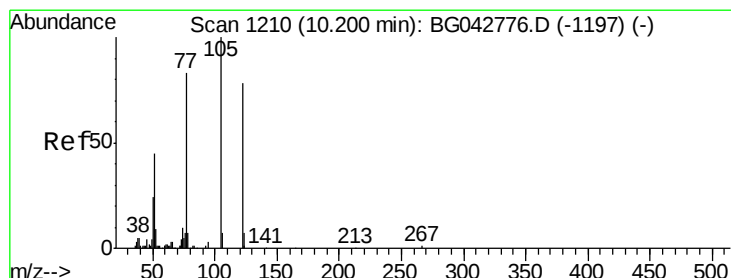
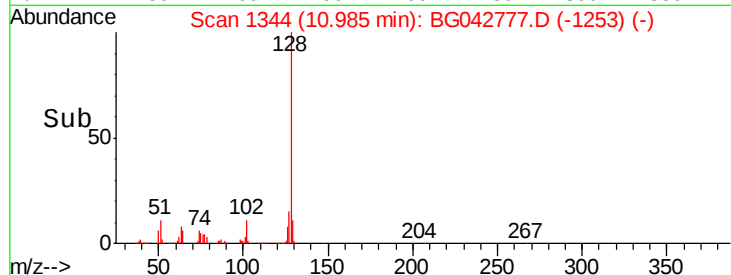
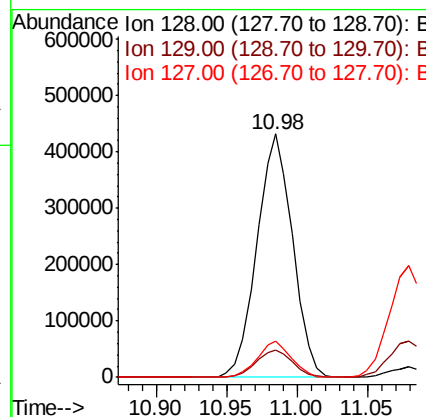
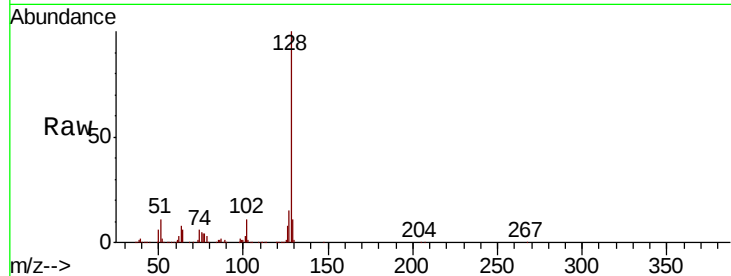




#31
Naphthalene
Concen: 49.285 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

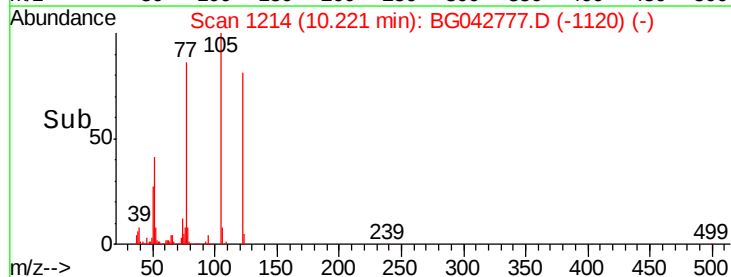
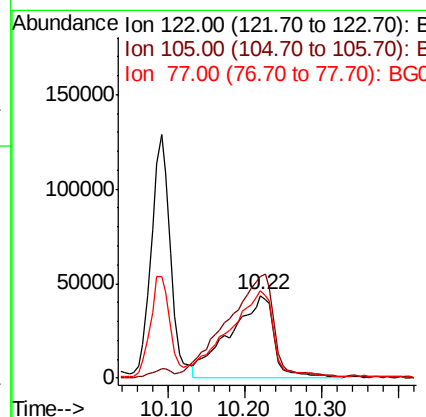
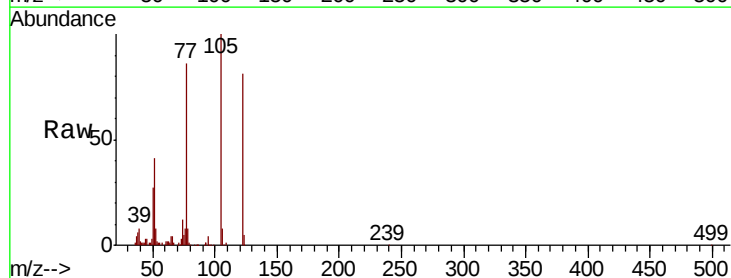
Instrument :
BNA_G
ClientSampleId :

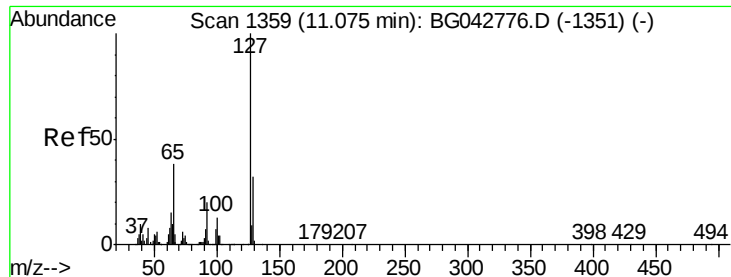
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	14.6	11.4	17.2



#32
Benzoic acid
Concen: 61.572 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	104.0	144.0
77	106.7	84.2	124.2

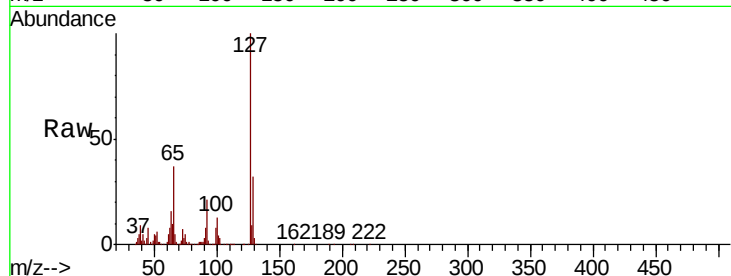




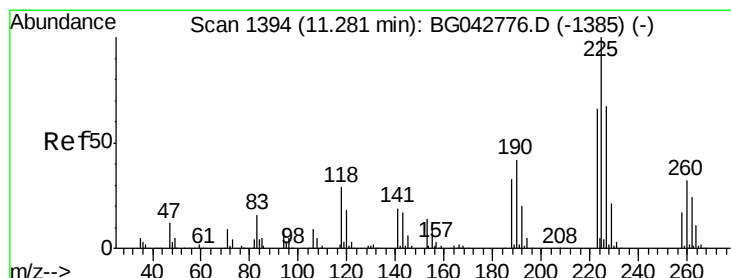
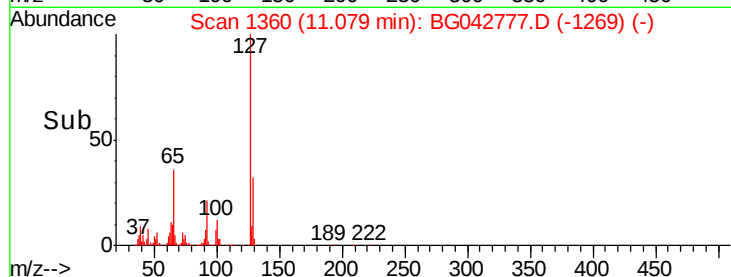
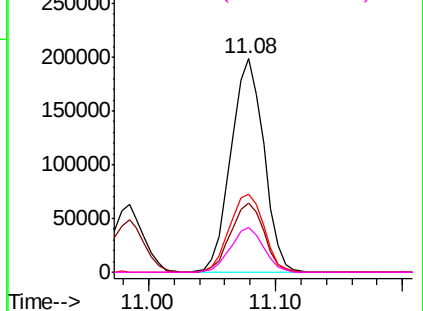
#33
4-Chloroaniline
Concen: 48.399 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	355733
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	36.5	30.5	45.7
92	21.3	15.9	23.9

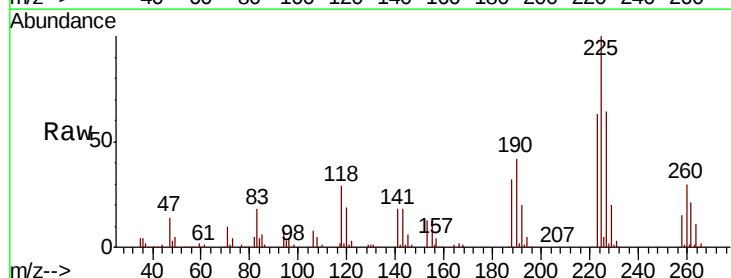


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

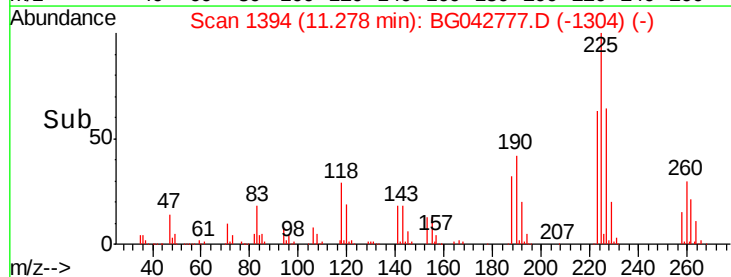
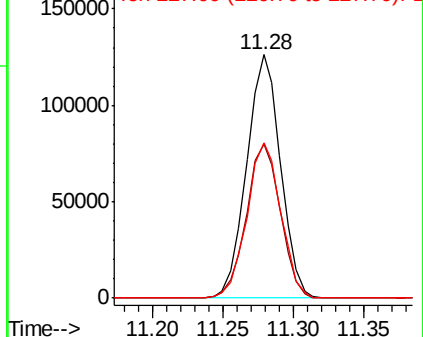


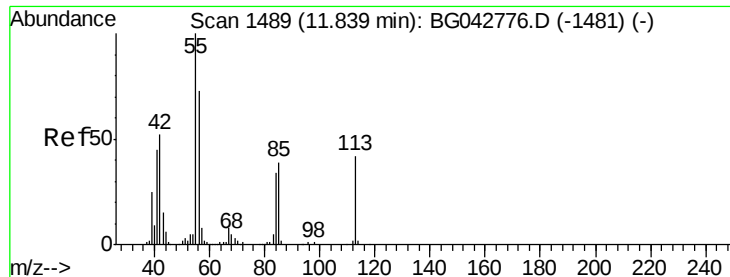
#34
Hexachlorobutadiene
Concen: 48.461 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion:	225	Resp:	212599
Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.6	79.0
227	63.6	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: 50.187 ng

RT: 11.85 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

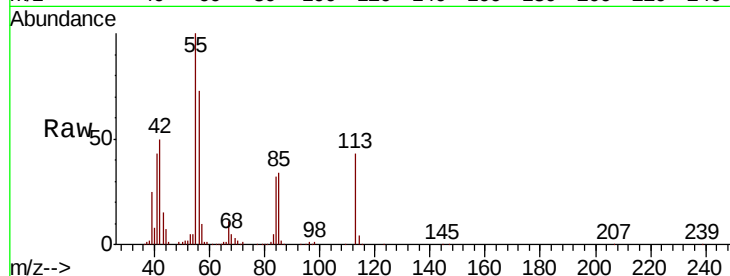
Tot Ion:113 Resp: 95040

Ion Ratio Lower Upper

113 100

55 233.0 218.4 258.4

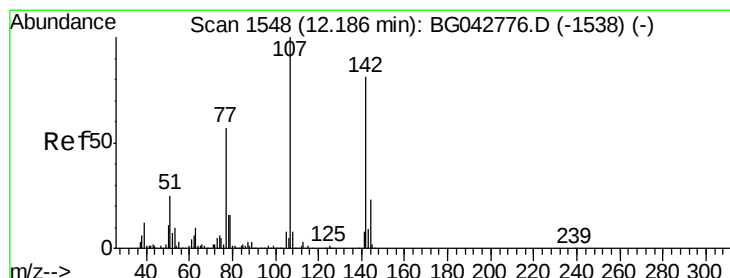
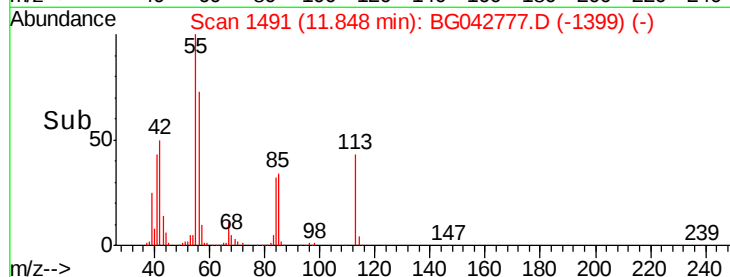
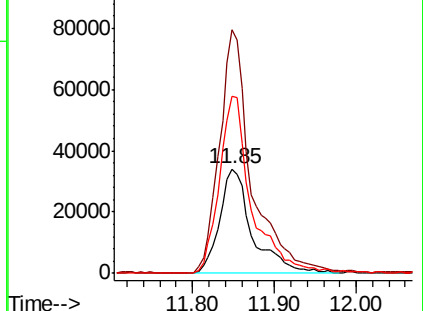
56 169.6 154.8 194.8



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: 49.894 ng

RT: 12.19 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

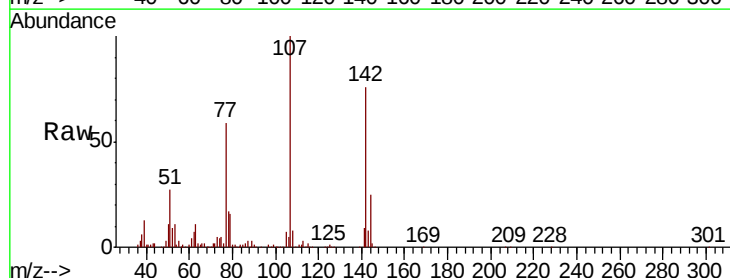
Tgt Ion:107 Resp: 273470

Ion Ratio Lower Upper

107 100

144 25.4 18.7 28.1

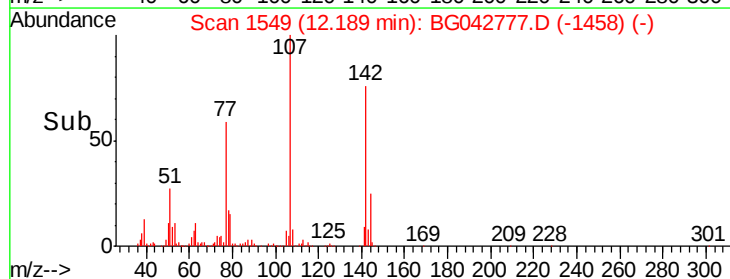
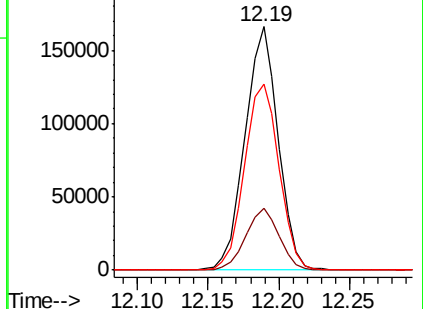
142 76.3 65.0 97.4

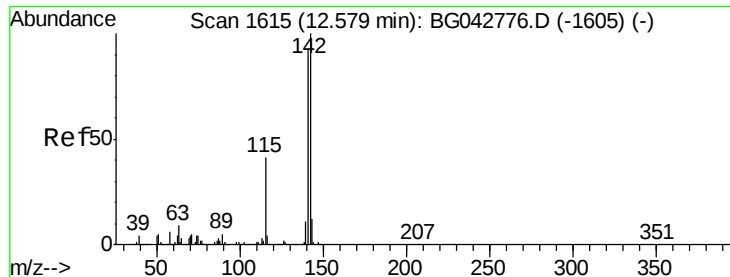


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

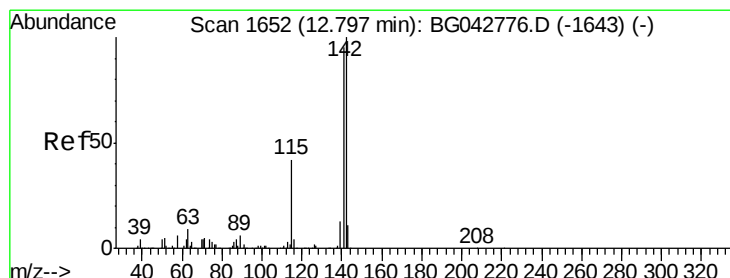
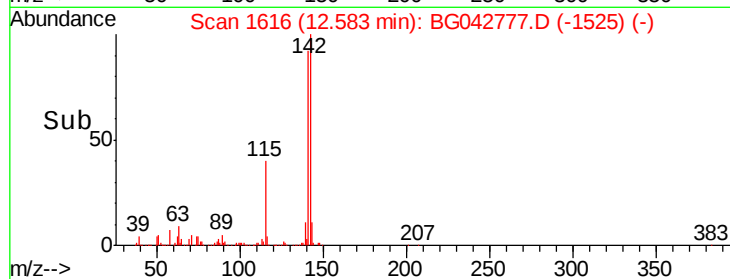
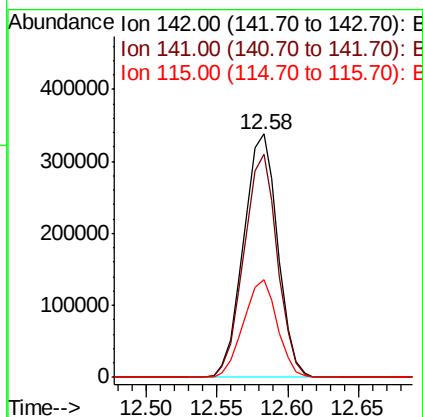
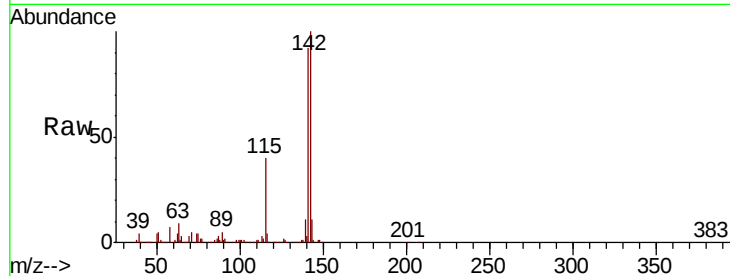




#37
 2-Methylnaphthalene
 Concen: 49.193 ng
 RT: 12.58 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

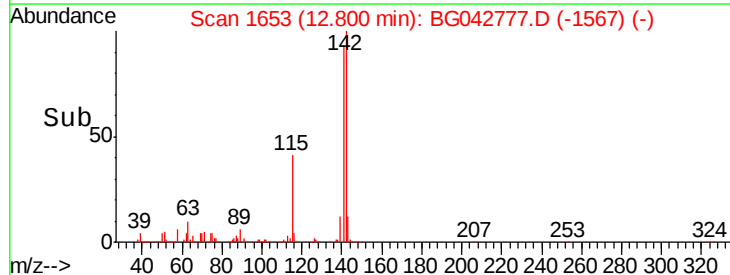
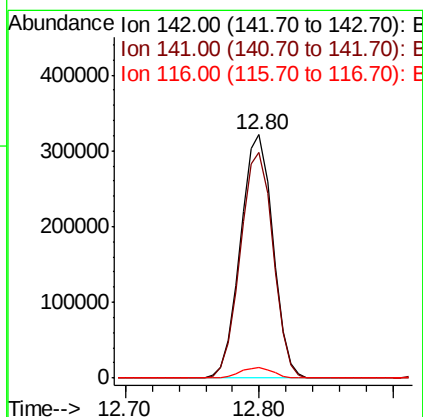
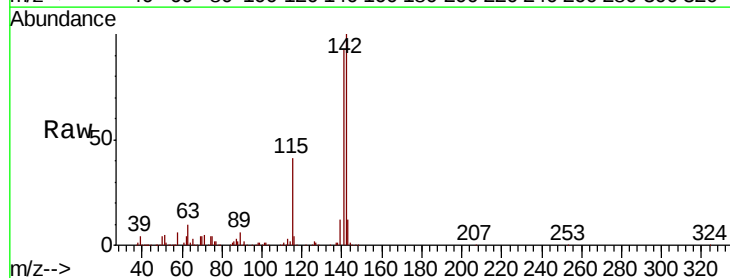
Instrument :
 BNA_G
 ClientSampleId :

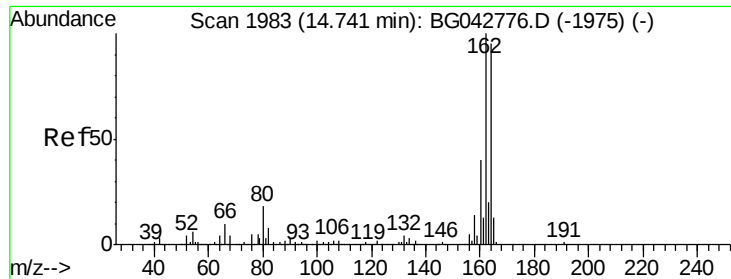
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.8	110.8
115	40.2	33.0	49.4



#38
 1-Methylnaphthalene
 Concen: 49.392 ng
 RT: 12.80 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	76.3	114.5
116	4.3	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: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

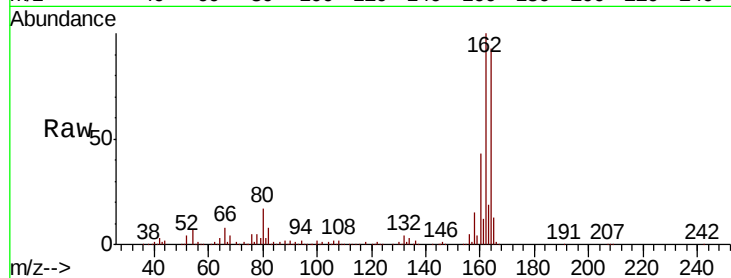
Tot Ion:164 Resp: 213861

Ion Ratio Lower Upper

164 100

162 107.0 84.6 126.8

160 45.8 34.2 51.2

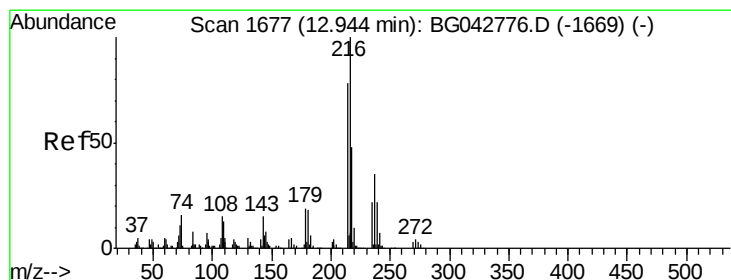
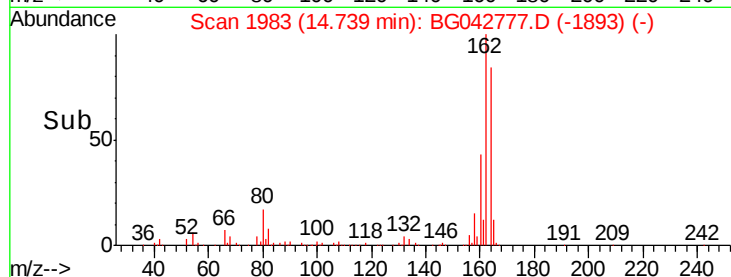
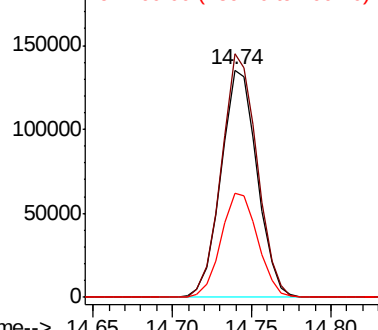


Abundance

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: 48.853 ng

RT: 12.95 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Tgt Ion:216 Resp: 346175

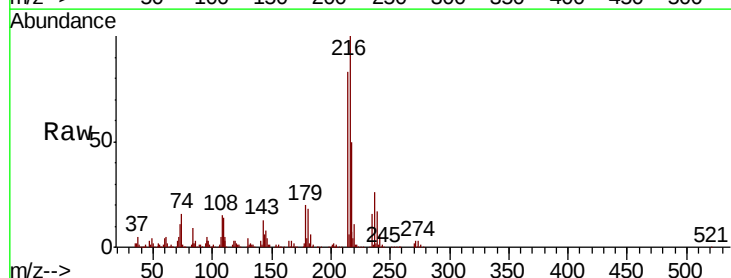
Ion Ratio Lower Upper

216 100

214 80.4 62.8 94.2

179 20.1 15.3 22.9

108 16.0 12.9 19.3



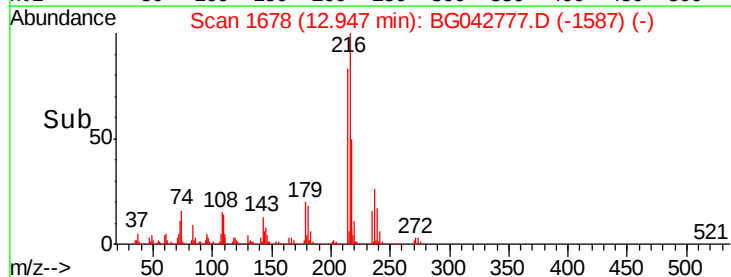
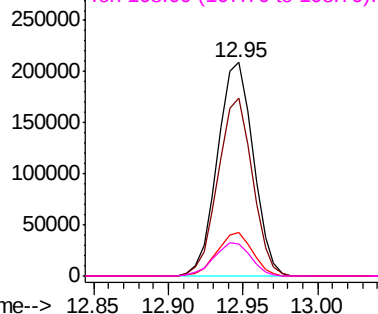
Abundance

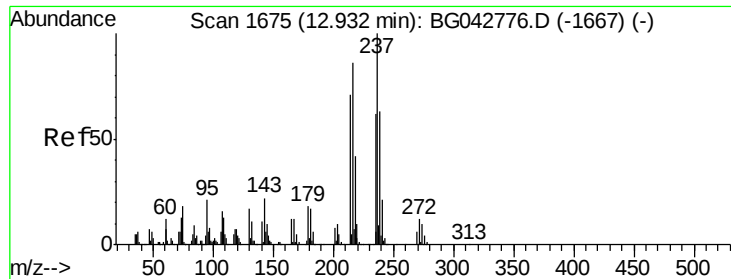
Ion 216.00 (215.70 to 216.70): E

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: 49.614 ng

RT: 12.94 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

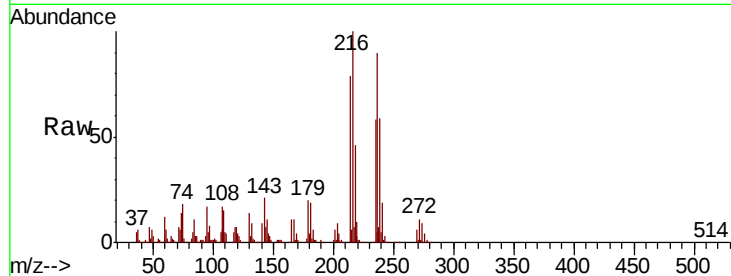
Tot Ion:237 Resp: 203426

Ion Ratio Lower Upper

237 100

235 64.9 41.9 81.9

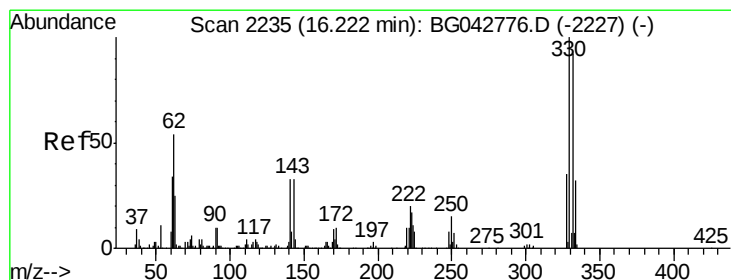
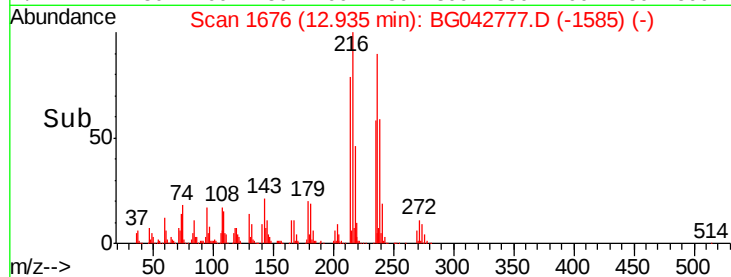
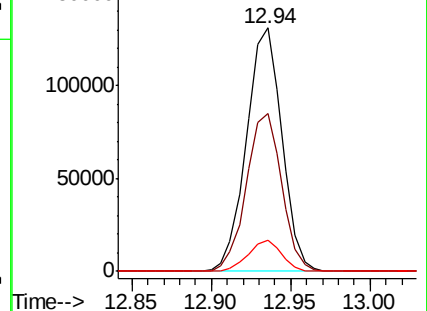
272 12.6 0.0 31.6



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: 104.369 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

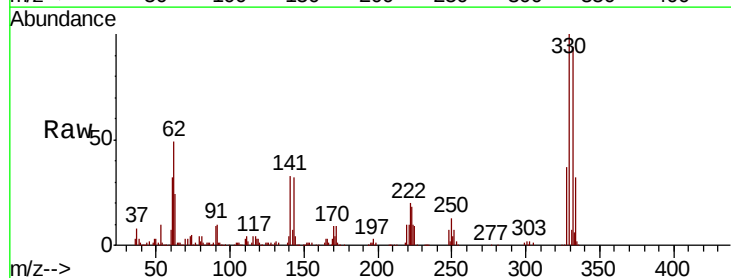
Tgt Ion:330 Resp: 282584

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

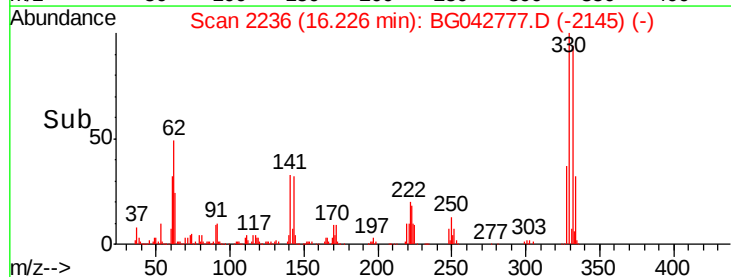
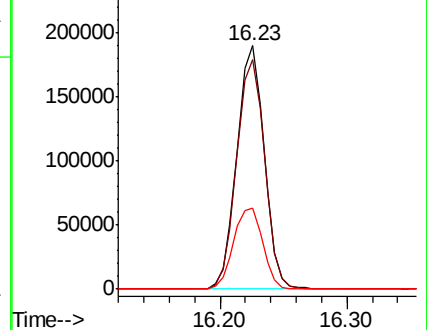
141 35.7 27.0 40.6

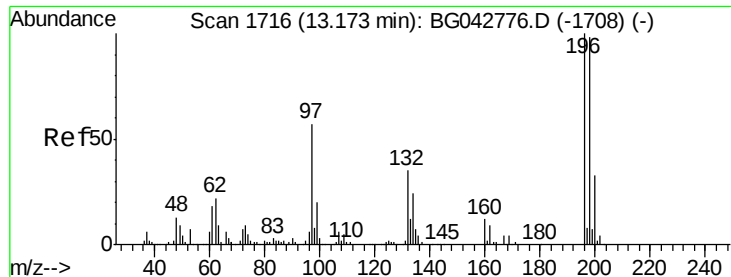


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

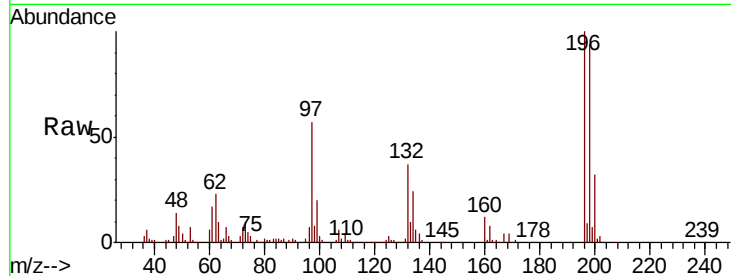




#43
 2,4,6-Trichlorophenol
 Concen: 52.243 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	78.8	118.2
200	32.1	26.2	39.4

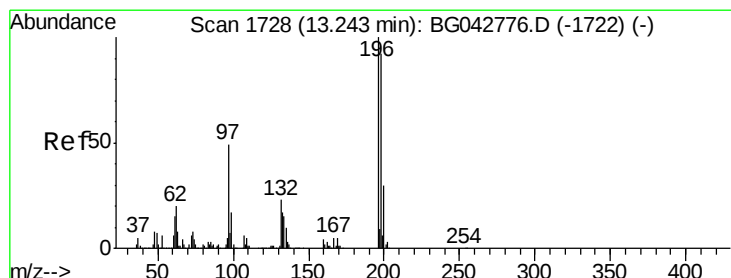
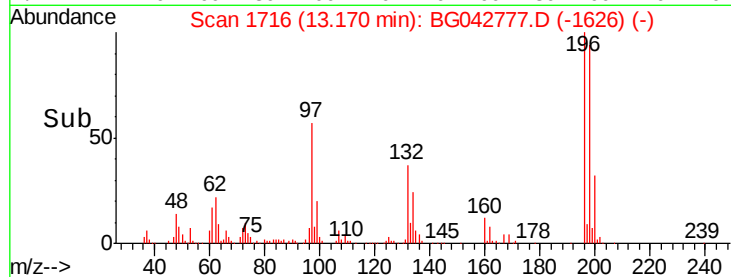
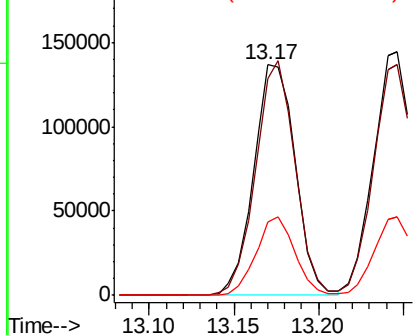


Abundance

Ion 196.00 (195.70 to 196.70): E

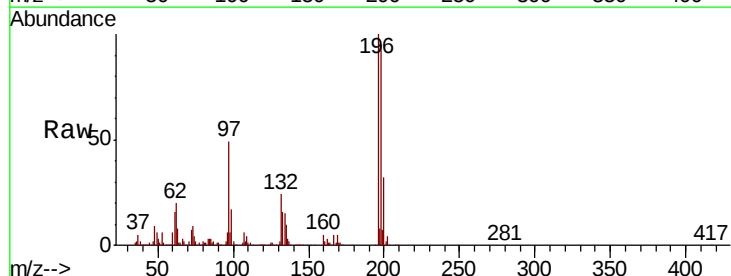
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 51.000 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	73.4	110.0
97	48.9	39.2	58.8
132	23.6	18.7	28.1



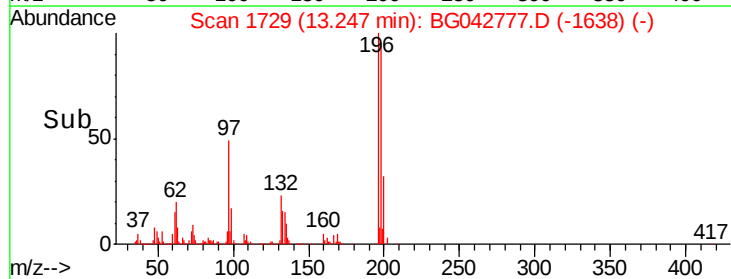
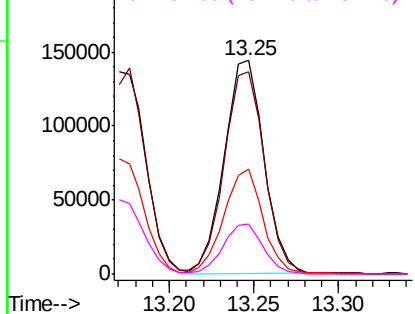
Abundance

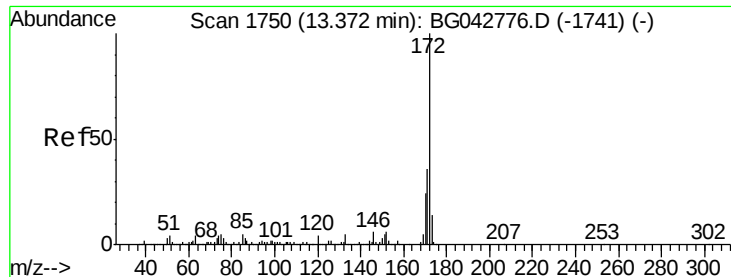
Ion 196.00 (195.70 to 196.70): E

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



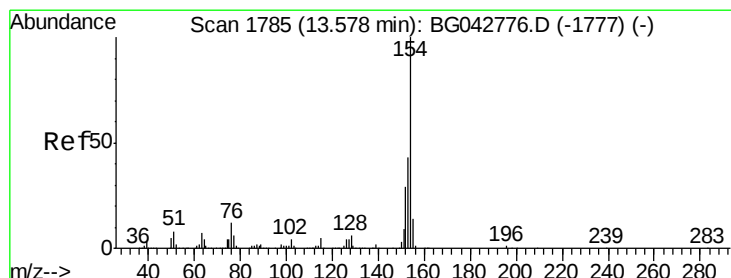
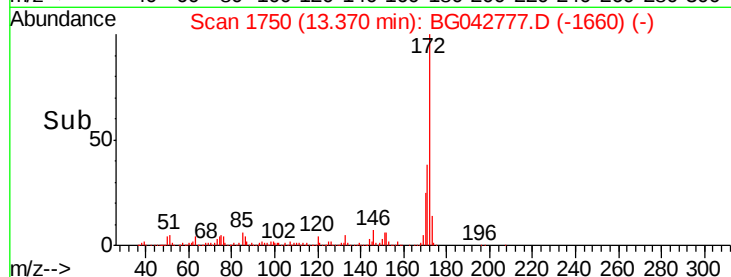
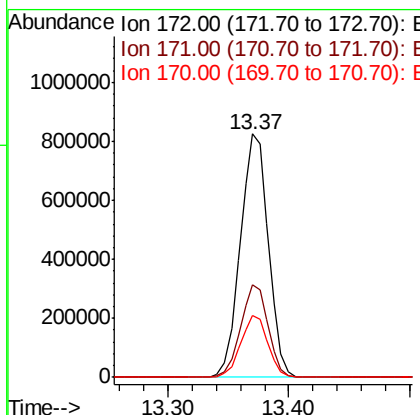
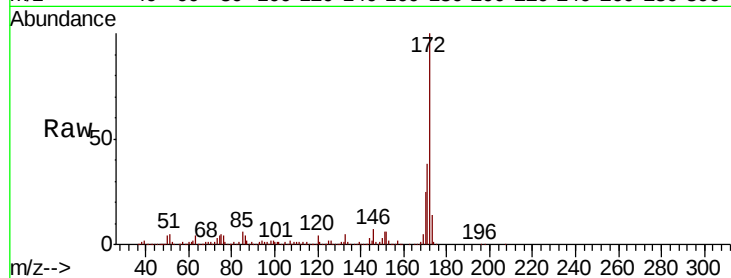


#45
 2-Fluorobiphenyl
 Concen: 98.272 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1330044

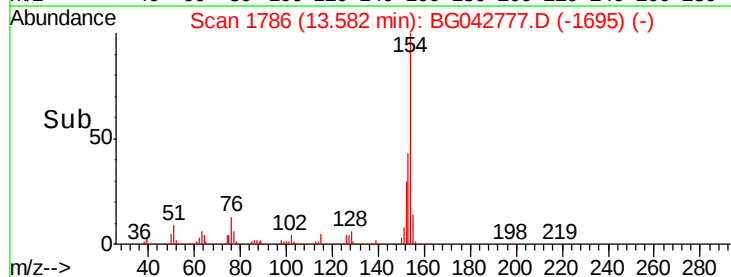
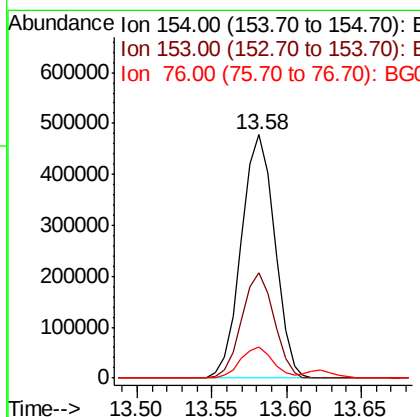
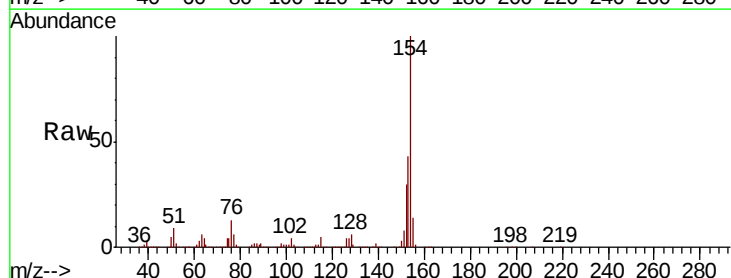
Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.9	43.3
170	25.2	19.1	28.7

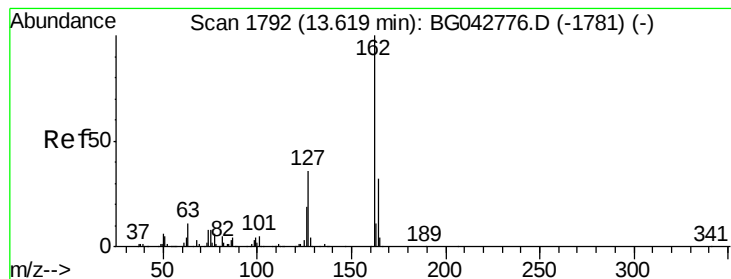


#46
 1,1'-Biphenyl
 Concen: 49.904 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Tgt Ion:154 Resp: 741442

Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.6	62.6
76	12.9	0.0	32.2





#47

2-Chloronaphthalene

Concen: 49.547 ng

RT: 13.62 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

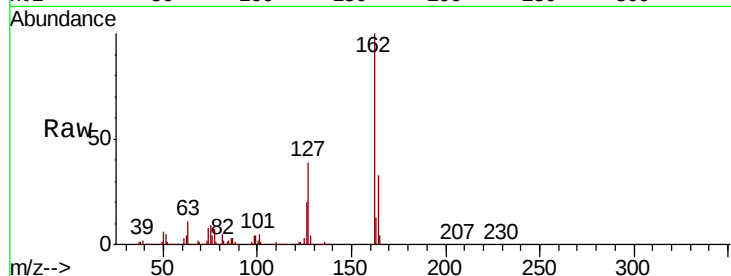
Tot Ion:162 Resp: 610454

Ion Ratio Lower Upper

162 100

127 38.7 29.3 43.9

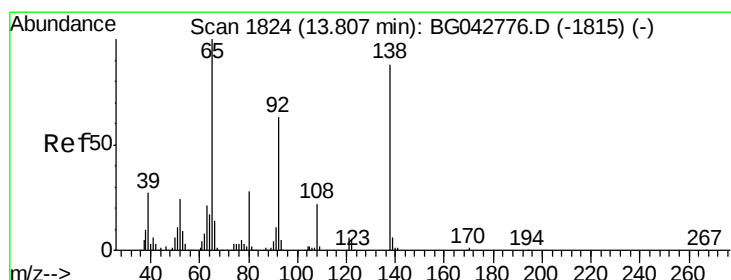
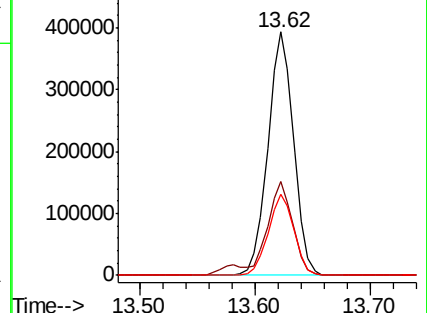
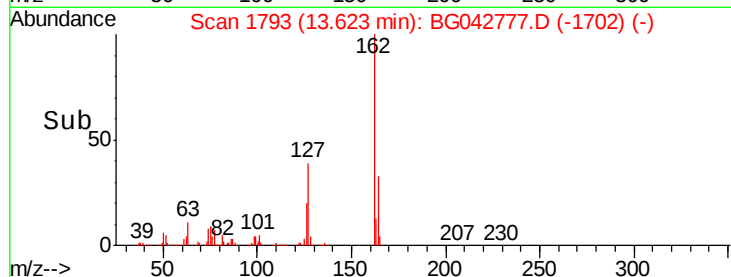
164 33.3 26.0 39.0



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: 62.837 ng

RT: 13.81 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

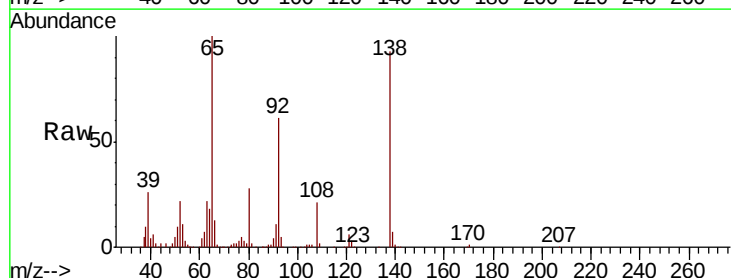
Tgt Ion: 65 Resp: 220495

Ion Ratio Lower Upper

65 100

92 61.0 50.4 75.6

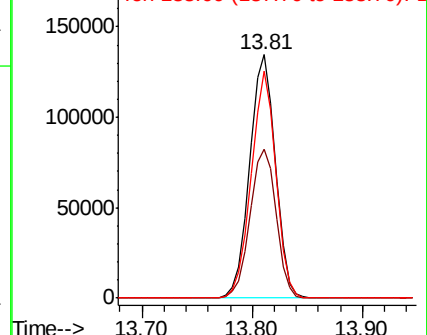
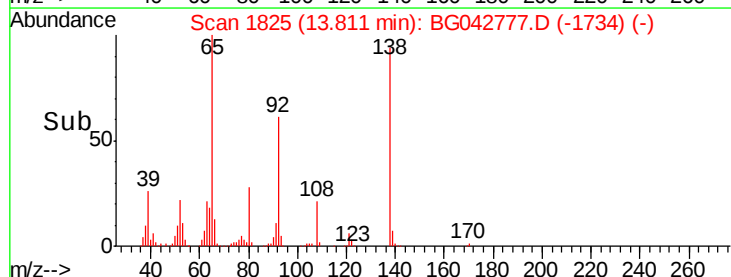
138 93.5 70.6 106.0

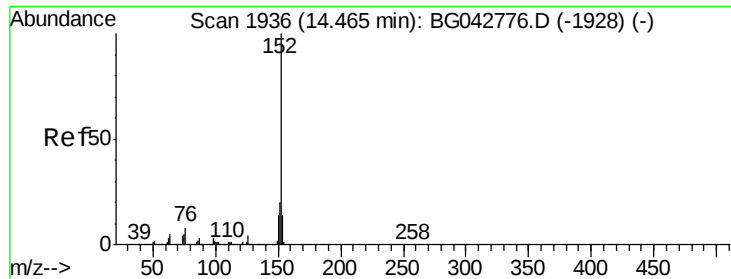


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.041 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

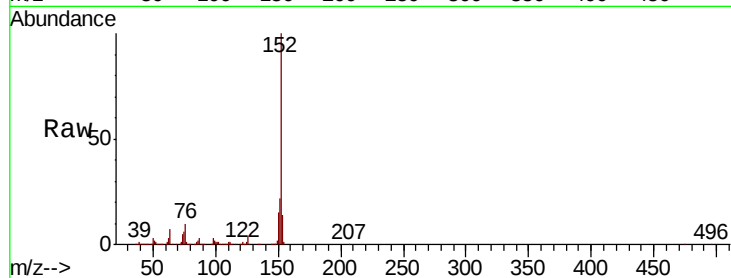
Tot Ion:152 Resp: 931473

Ion Ratio Lower Upper

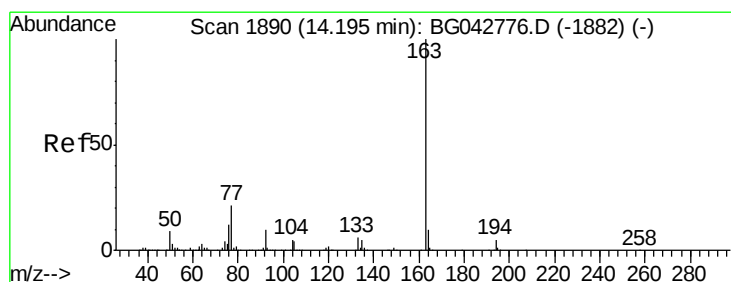
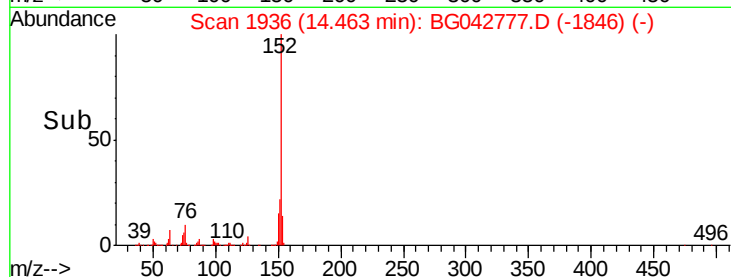
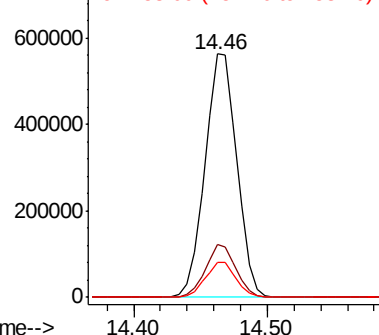
152 100

151 21.8 16.0 24.0

153 14.2 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: 49.657 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

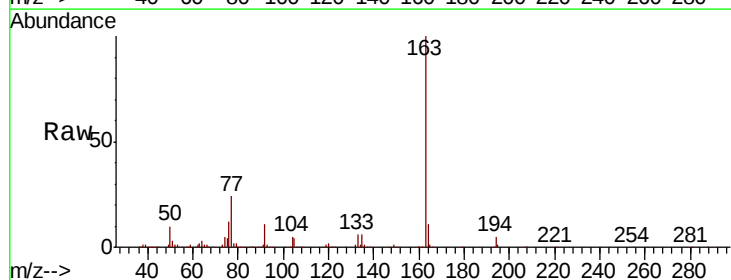
Tgt Ion:163 Resp: 793061

Ion Ratio Lower Upper

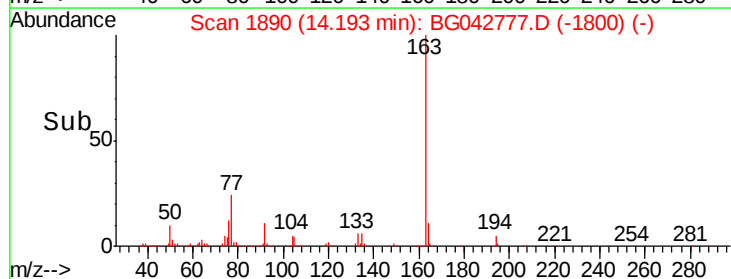
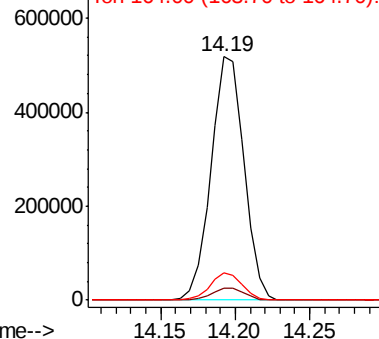
163 100

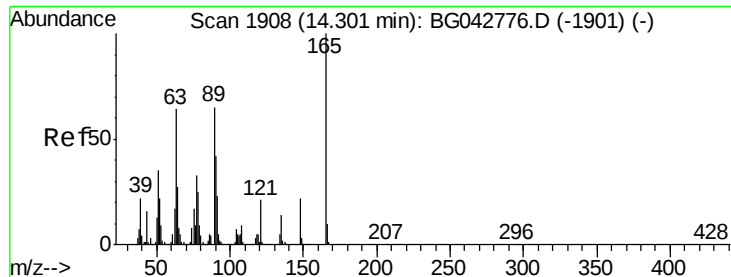
194 4.8 4.2 6.4

164 11.0 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: 61.015 ng

RT: 14.30 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampled :

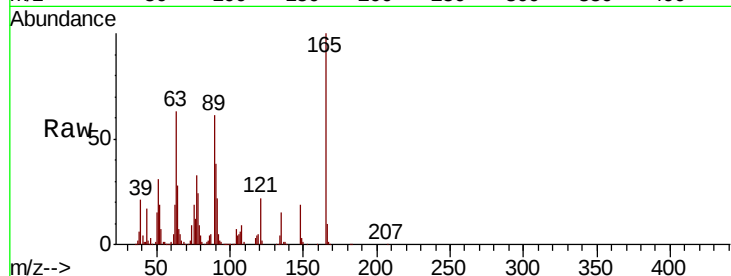
Tot Ion:165 Resp: 167281

Ion Ratio Lower Upper

165 100

63 62.9 52.1 78.1

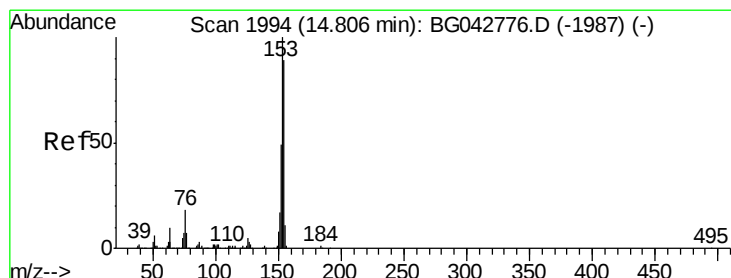
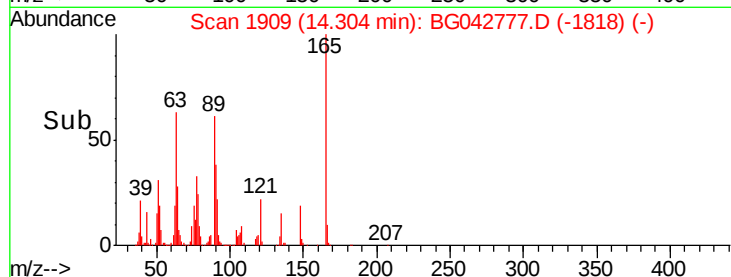
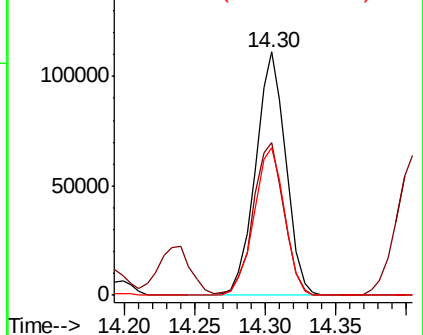
89 60.5 51.7 77.5



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: 50.293 ng

RT: 14.81 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

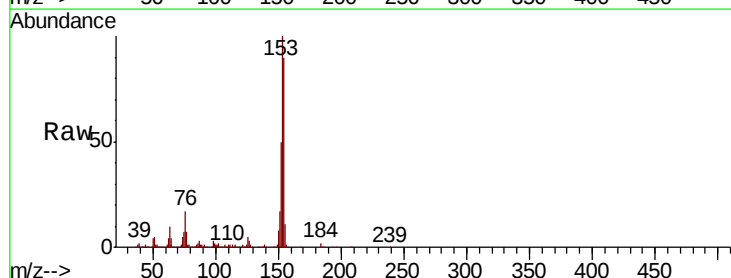
Tgt Ion:154 Resp: 610856

Ion Ratio Lower Upper

154 100

153 111.1 89.4 134.2

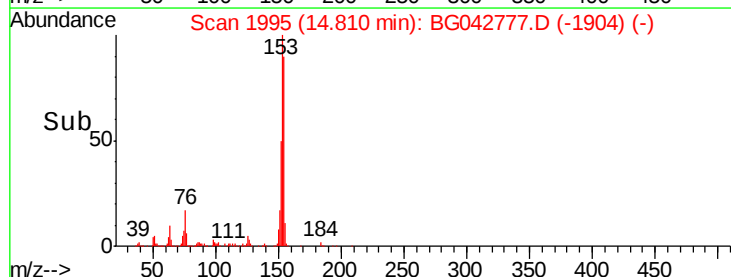
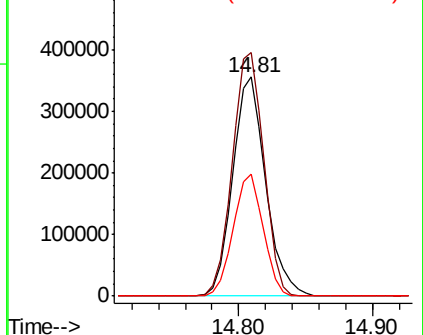
152 55.5 43.5 65.3

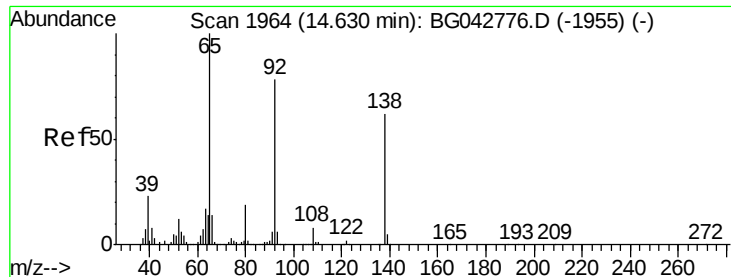


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

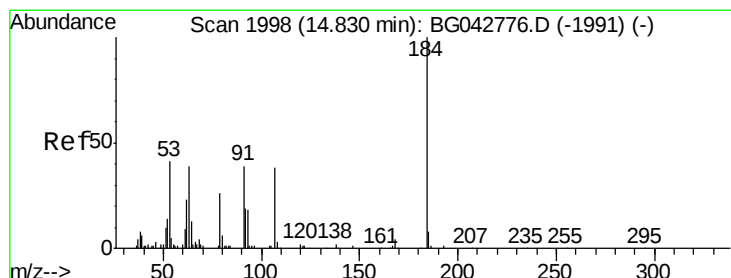
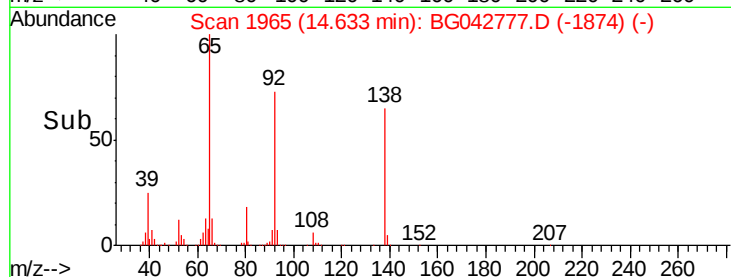
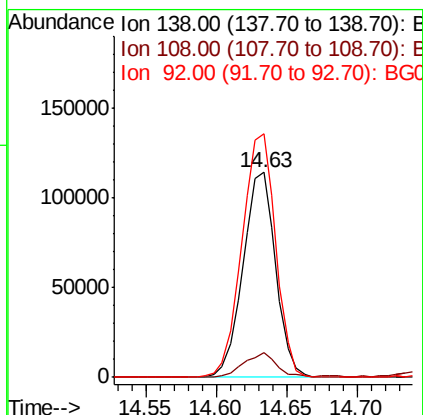
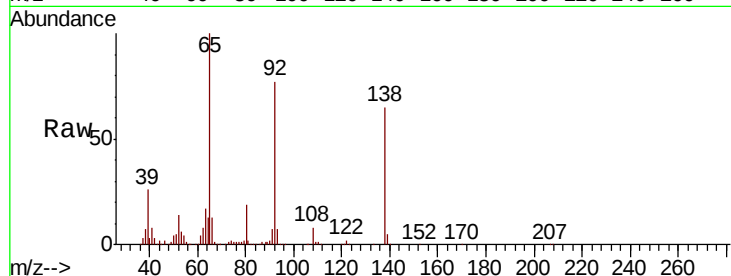




#53
3-Nitroaniline
Concen: 58.122 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

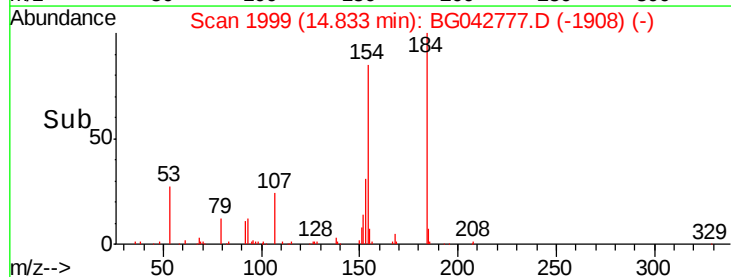
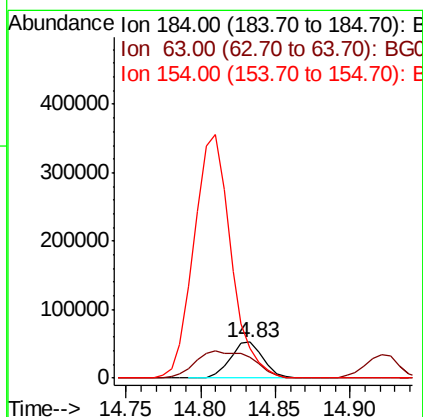
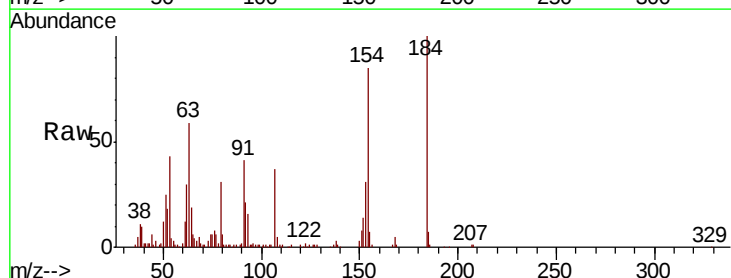
Instrument :
BNA_G
ClientSampleId :

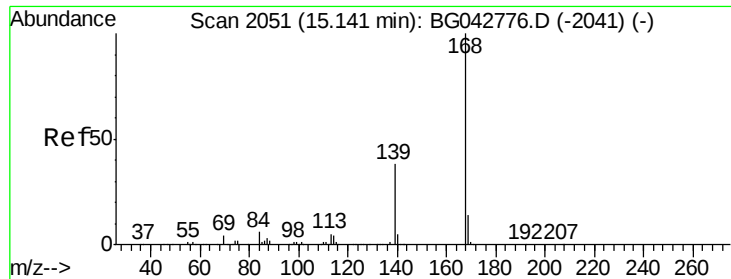
Tot Ion:138 Resp: 185298
Ion Ratio Lower Upper
138 100
108 11.8 10.7 16.1
92 118.9 100.5 150.7



#54
2,4-Dinitrophenol
Concen: 61.074 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion:184 Resp: 81961
Ion Ratio Lower Upper
184 100
63 58.5 46.2 69.4
154 85.2 81.3 121.9

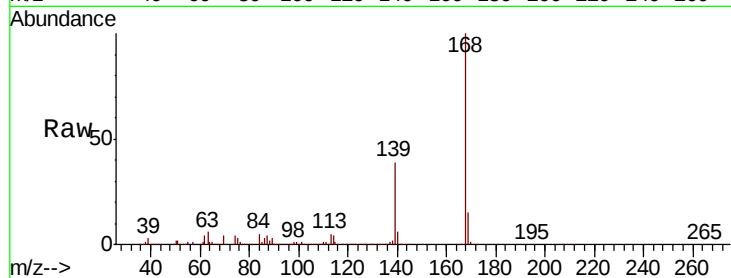




#55
Dibenzenofuran
Concen: 49.491 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.2	45.4
169	14.7	11.2	16.8

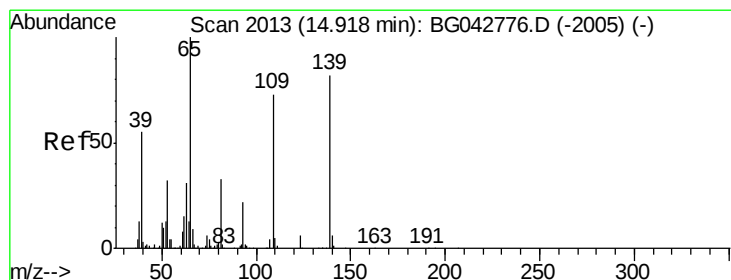
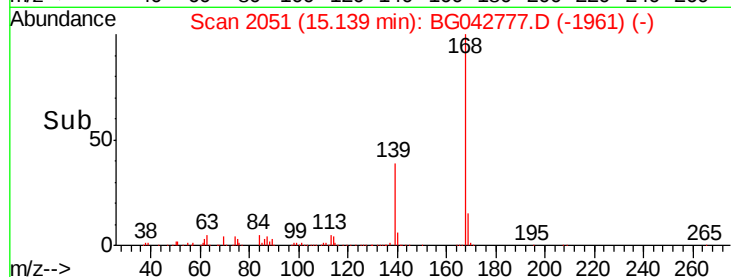
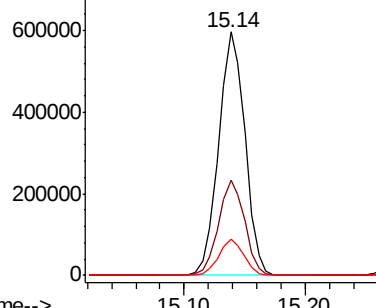


Abundance

Ion 168.00 (167.70 to 168.70): E

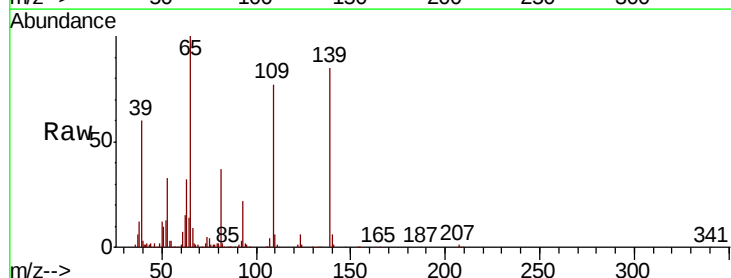
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 57.639 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.2	69.4	109.4
65	117.8	102.5	142.5

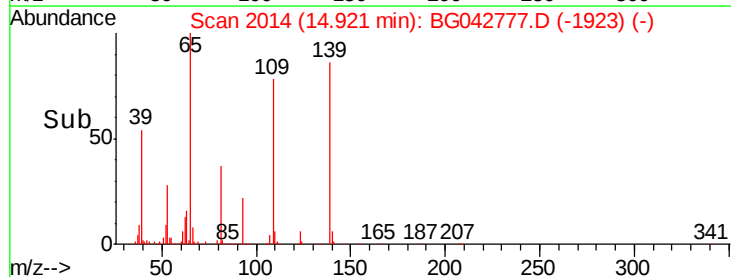
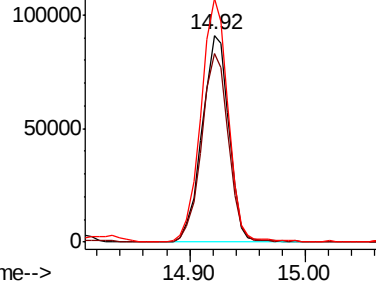


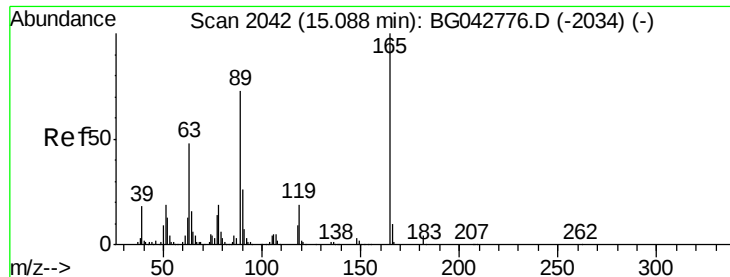
Abundance

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: 65.122 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG042777.D

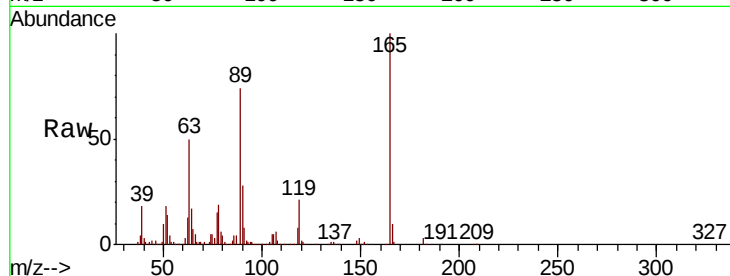
Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	165	Resp:	226328
Ion	Ratio	Lower	Upper
165	100		
63	49.6	38.3	57.5
89	74.1	58.4	87.6
182	2.7	2.9	4.3#

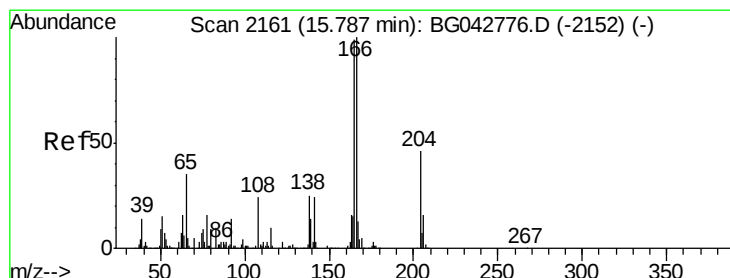
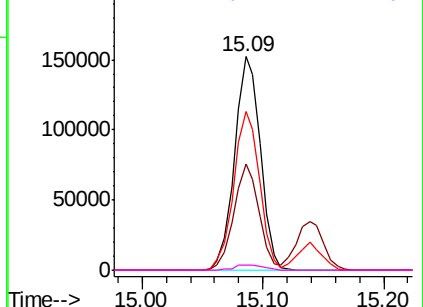
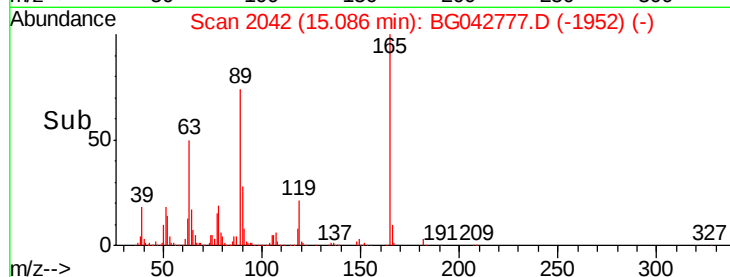


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 49.429 ng

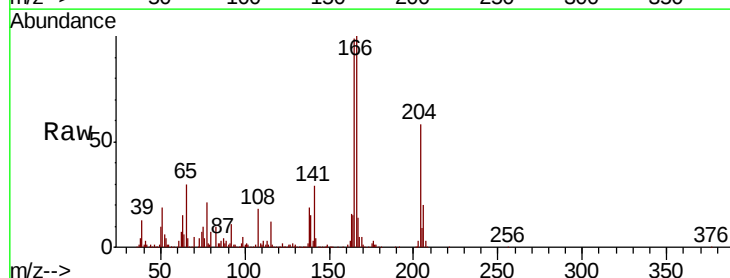
RT: 15.78 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

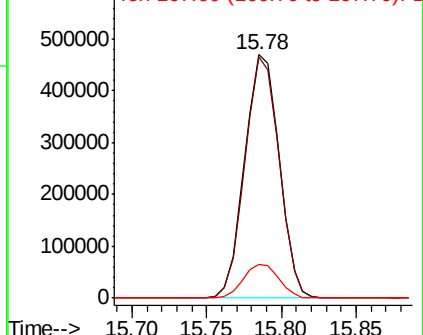
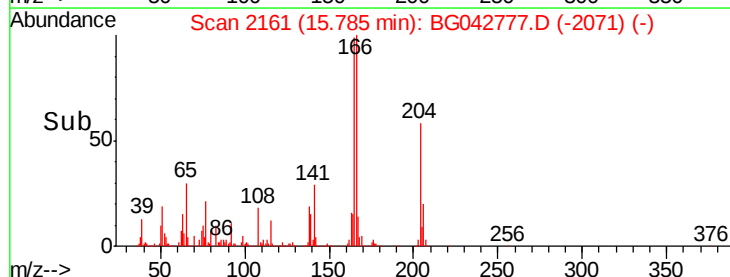
Tgt Ion:	166	Resp:	751317
Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.1	118.7
167	14.0	10.7	16.1

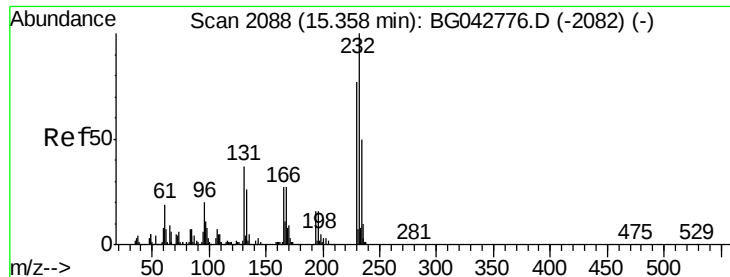


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

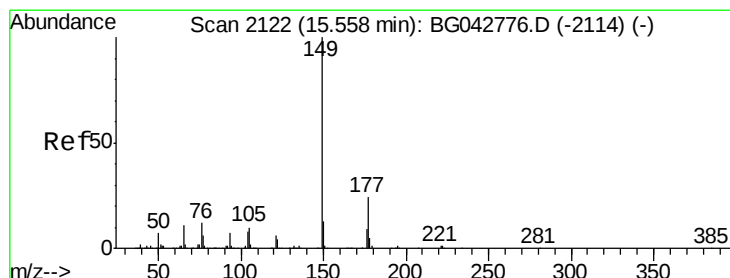
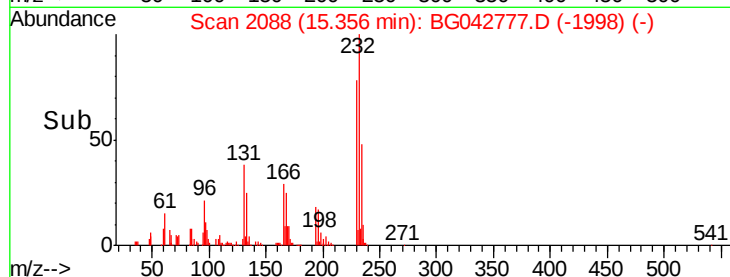
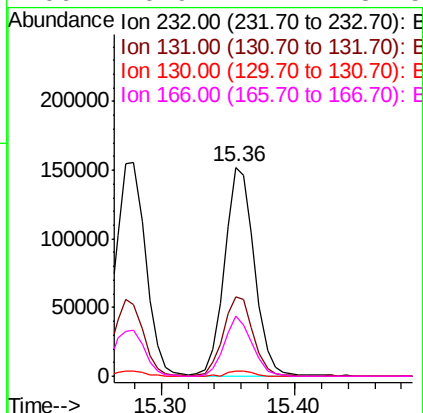
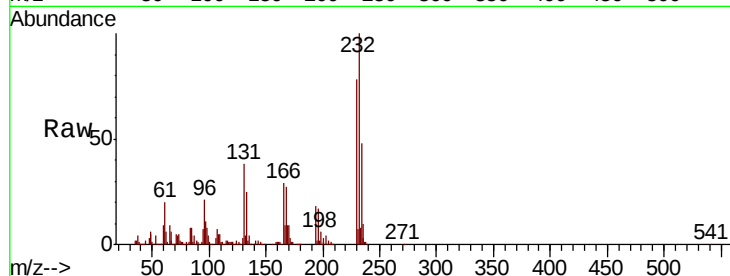




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.740 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

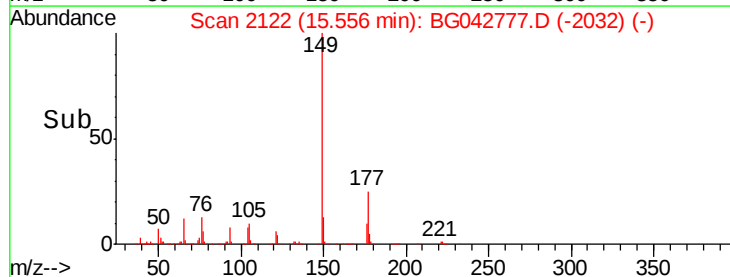
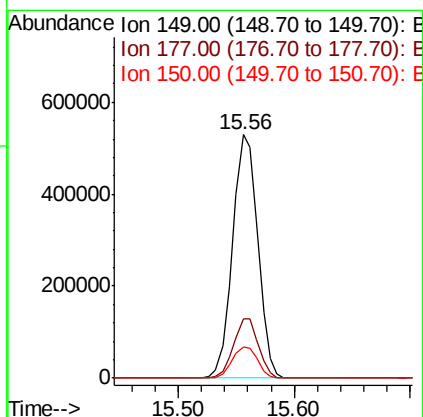
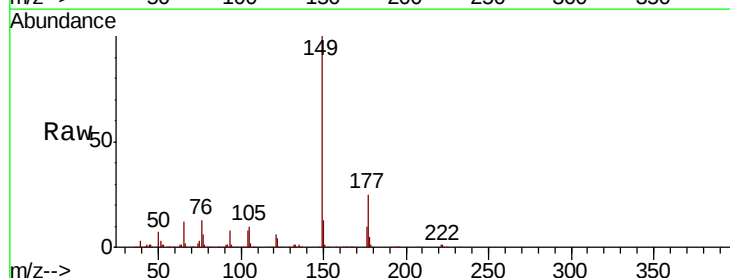
Instrument :
 BNA_G
 ClientSampleId :

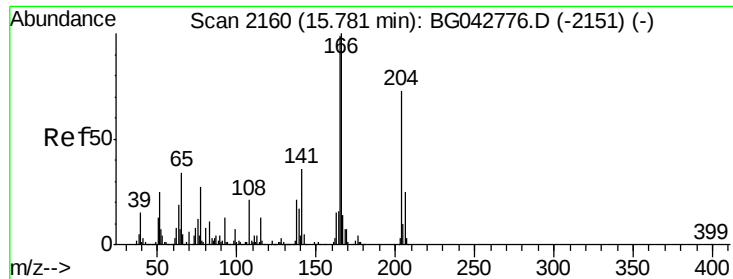
Tot Ion:	232	Resp:	236912
Ion	Ratio	Lower	Upper
232	100		
131	37.8	31.1	46.7
130	2.2	1.8	2.6
166	26.9	21.7	32.5



#60
 Diethylphthalate
 Concen: 49.158 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Tgt Ion:	149	Resp:	798807
Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.4	29.0
150	12.8	10.2	15.4

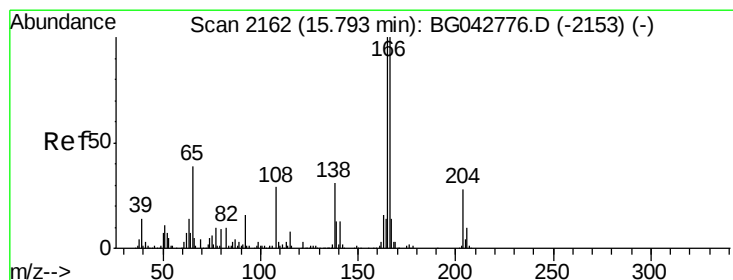
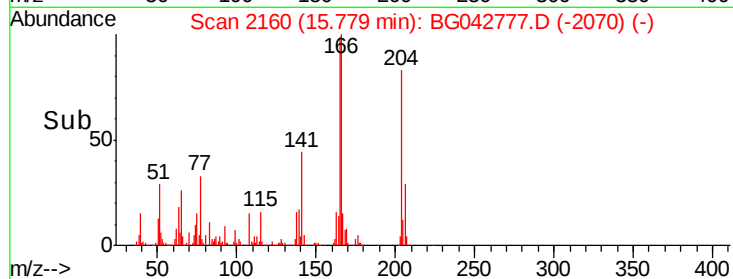
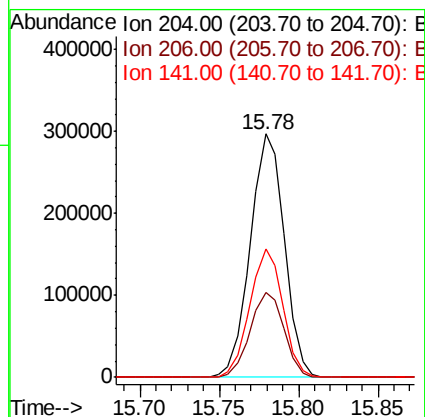
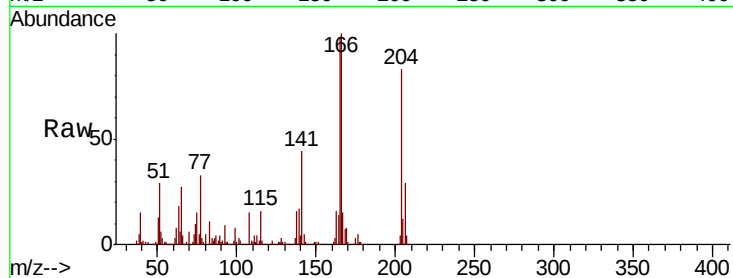




#61
 4-Chlorophenyl-phenylether
 Concen: 49.452 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

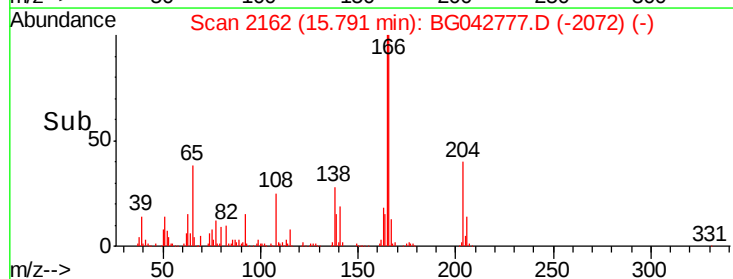
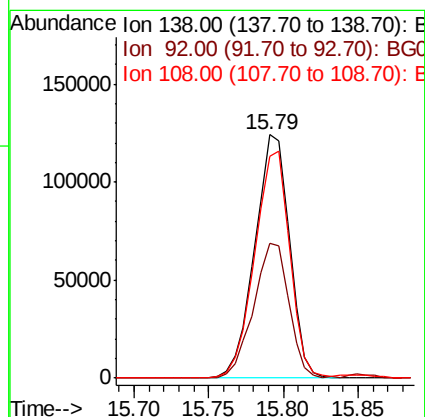
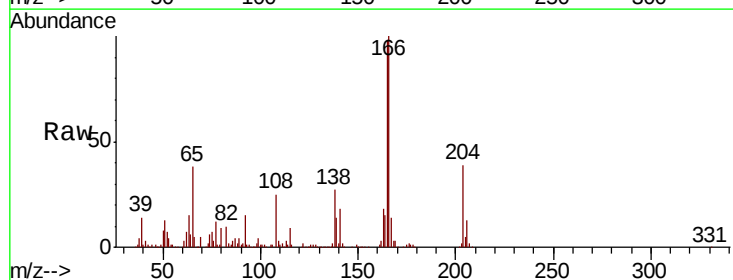
Instrument :
 BNA_G
 ClientSampleId :

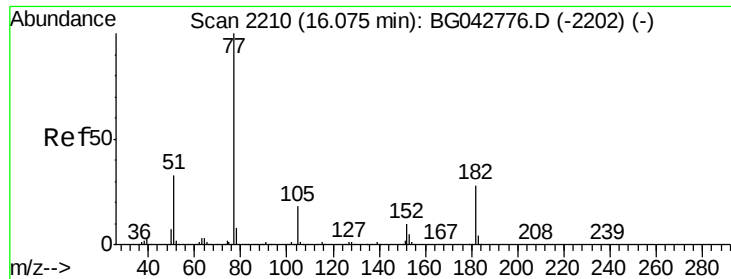
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	52.8	39.8	59.6



#62
 4-Nitroaniline
 Concen: 54.777 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.2	31.4	71.4
108	91.2	74.8	114.8

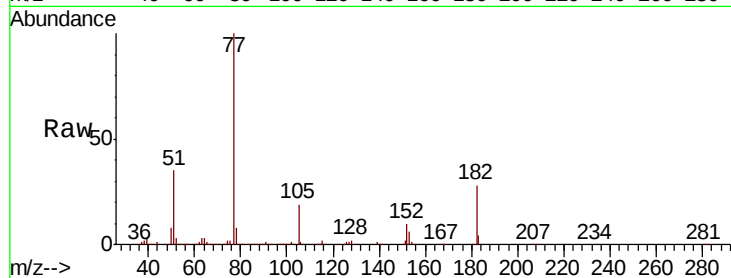




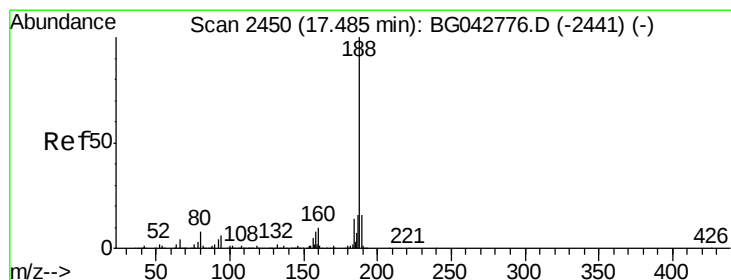
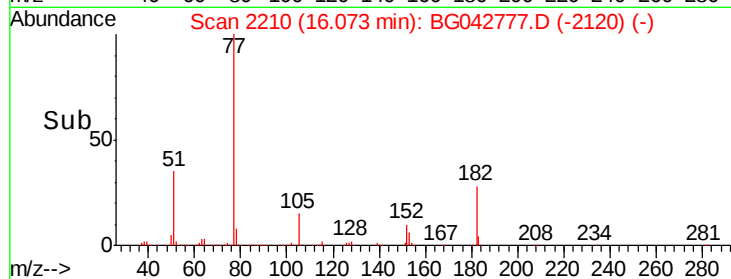
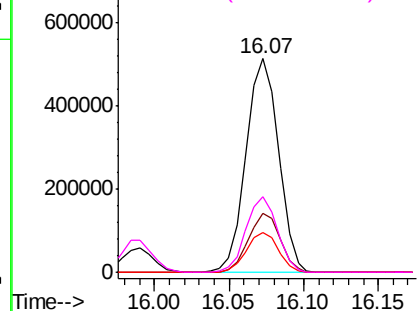
#63
Azobenzene
Concen: 49.102 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	769861
Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.1	48.1
105	18.7	0.0	38.1
51	35.2	12.9	52.9

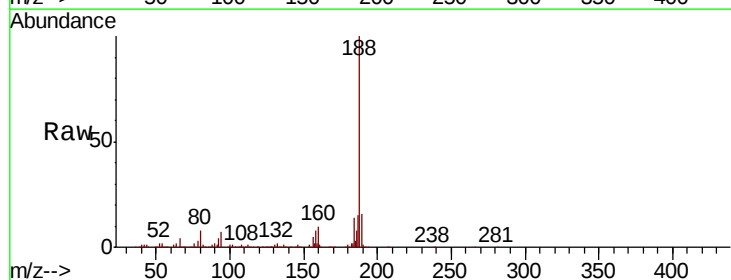


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

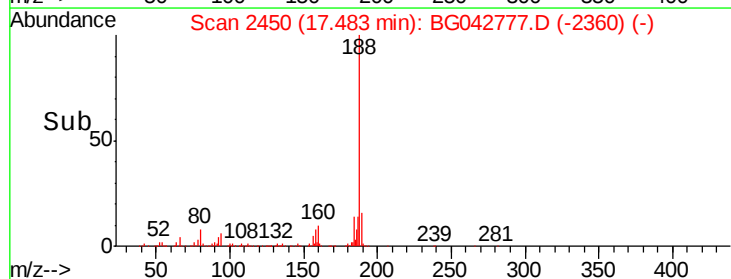
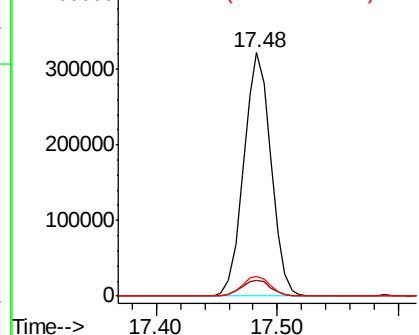


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion:	188	Resp:	504846
Ion	Ratio	Lower	Upper
188	100		
94	6.6	4.8	7.2
80	8.2	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: 62.096 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

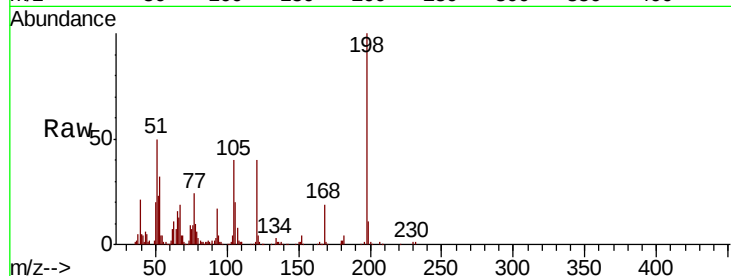
Tot Ion:198 Resp: 107931

Ion Ratio Lower Upper

198 100

51 49.8 20.9 60.9

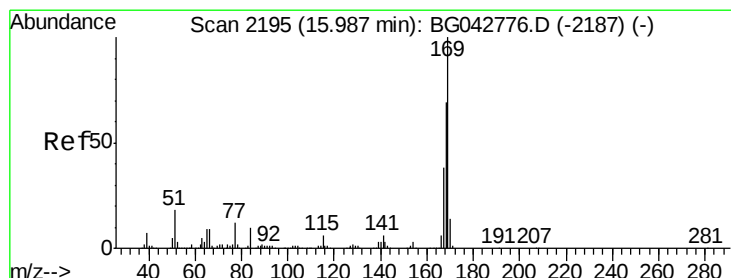
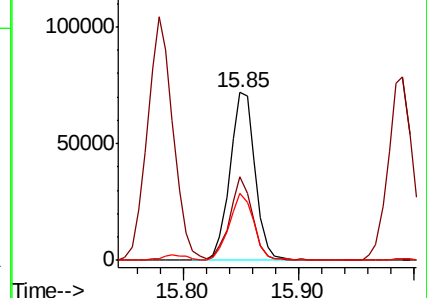
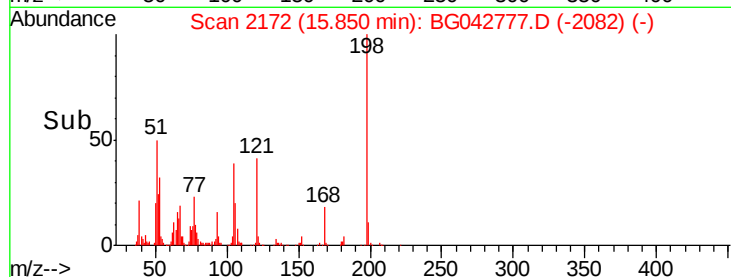
105 39.5 16.4 56.4



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: 49.067 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

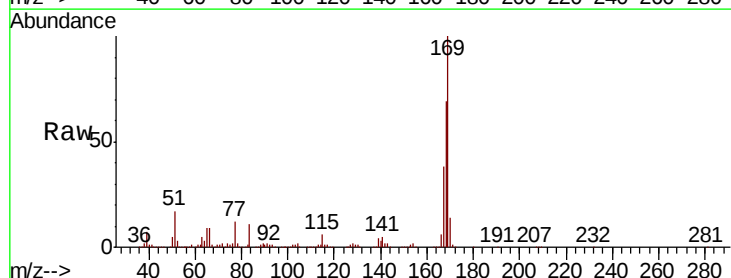
Tgt Ion:169 Resp: 670386

Ion Ratio Lower Upper

169 100

168 69.4 55.4 83.2

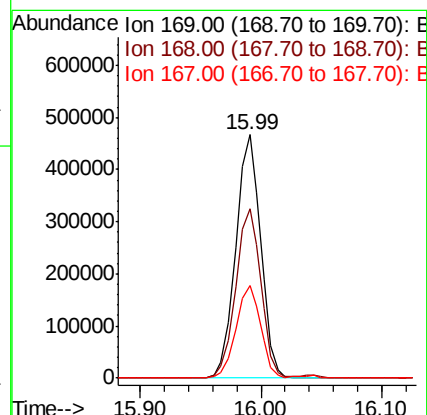
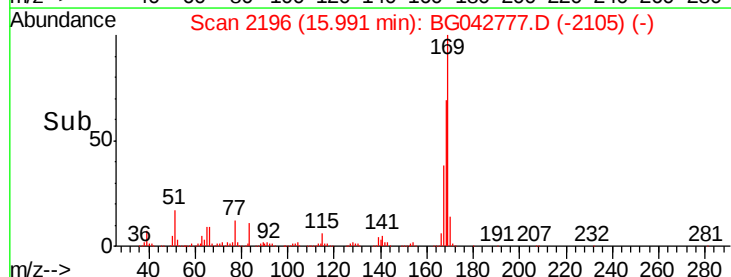
167 37.9 30.4 45.6

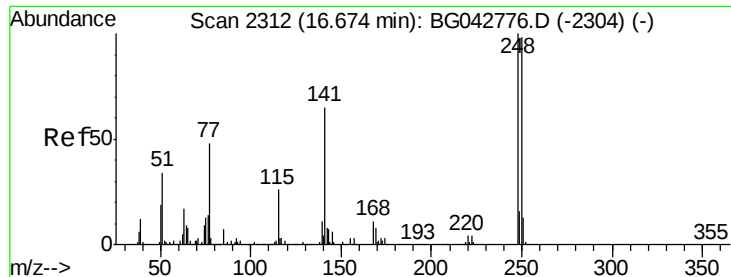


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

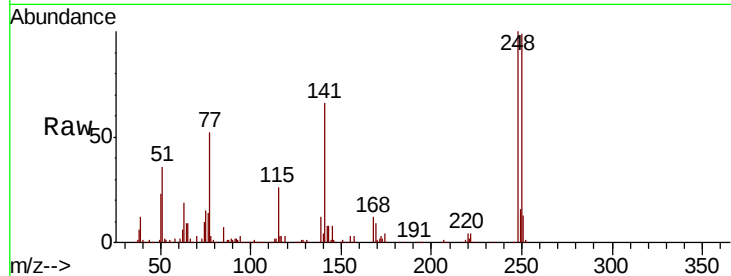




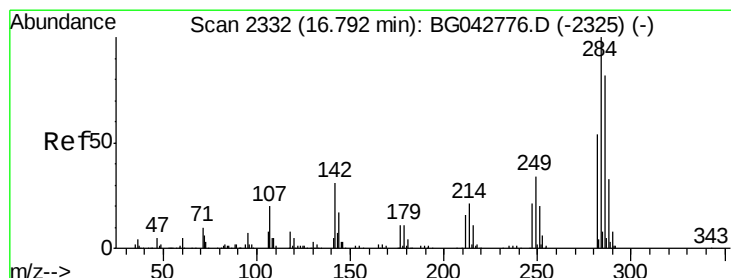
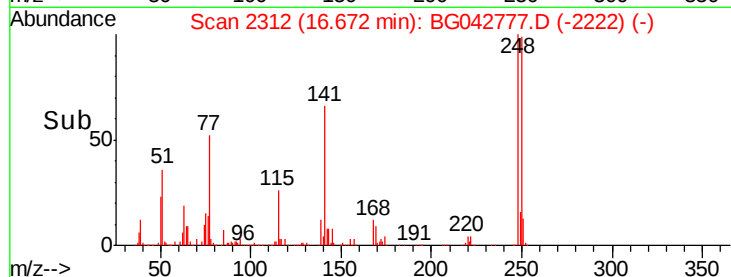
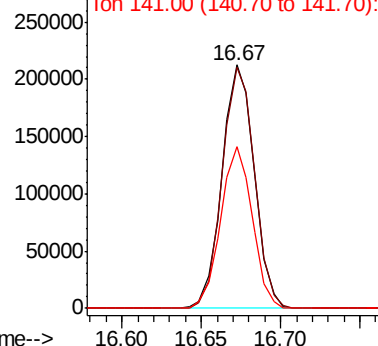
#67
4-Bromophenyl-phenylether
Concen: 49.080 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 300059
Ion Ratio Lower Upper
248 100
250 99.2 78.0 117.0
141 66.5 51.8 77.6

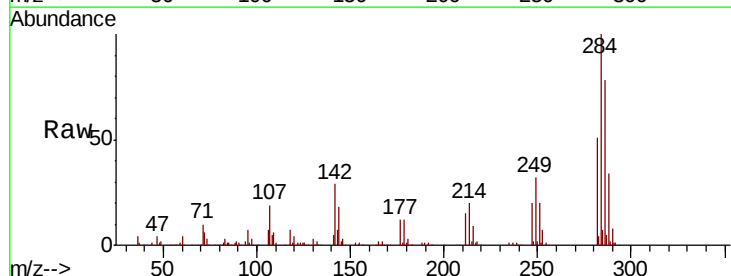


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

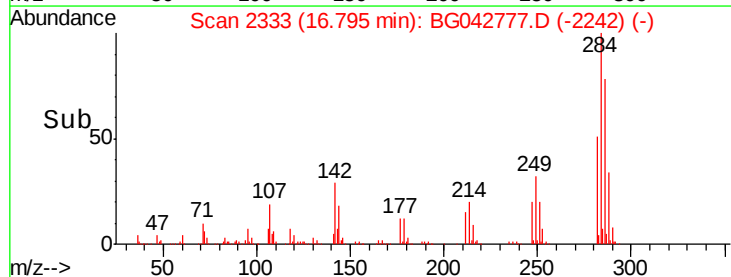
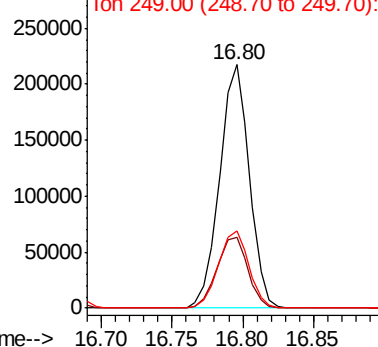


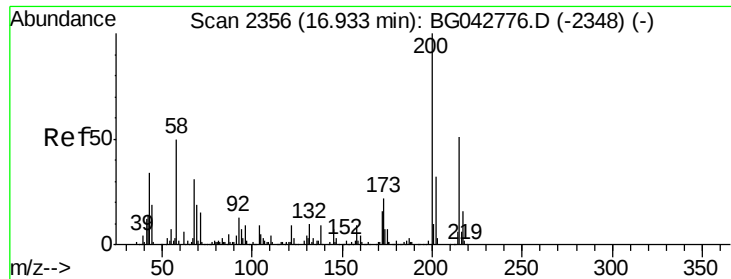
#68
Hexachlorobenzene
Concen: 49.546 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion:284 Resp: 320437
Ion Ratio Lower Upper
284 100
142 29.2 24.7 37.1
249 31.8 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: 46.690 ng

RT: 16.94 min Scan# 2357

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

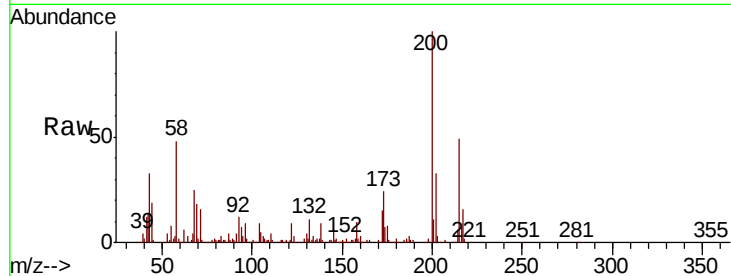
Tot Ion:200 Resp: 204751

Ion Ratio Lower Upper

200 100

173 23.5 2.5 42.5

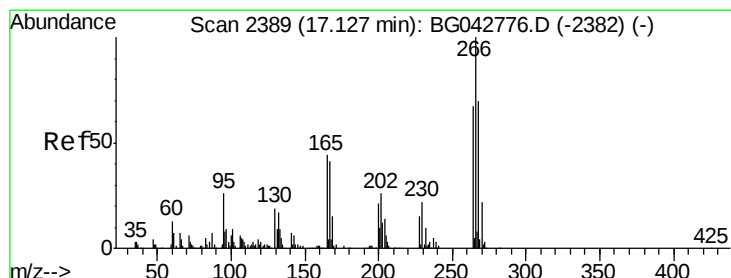
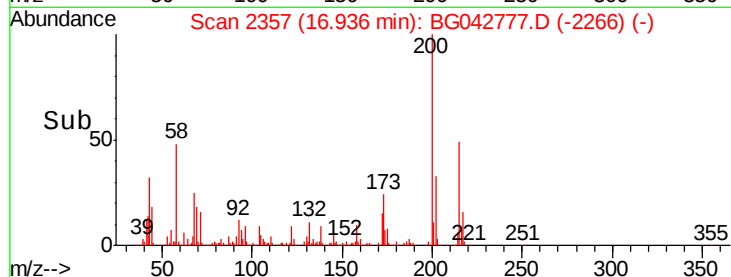
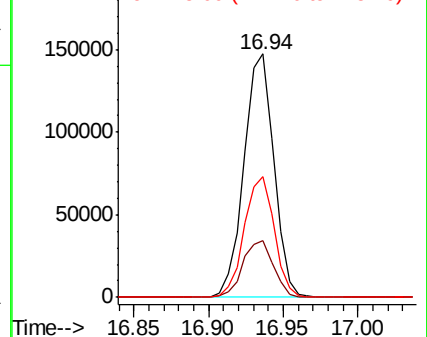
215 49.5 31.0 71.0



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: 54.361 ng

RT: 17.13 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

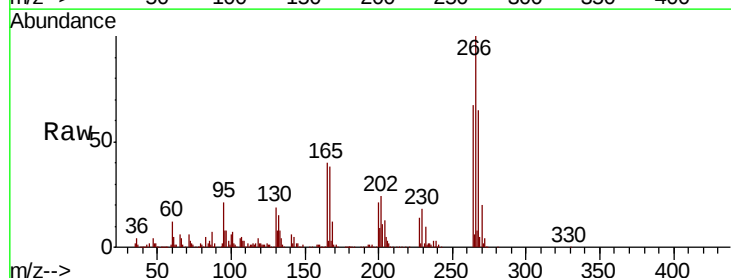
Tgt Ion:266 Resp: 197810

Ion Ratio Lower Upper

266 100

268 65.2 56.2 84.4

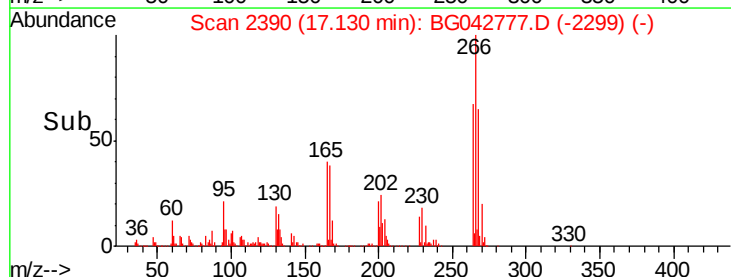
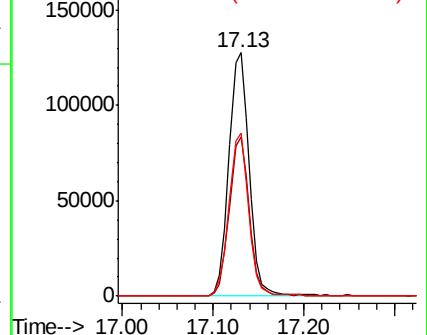
264 67.1 53.4 80.2

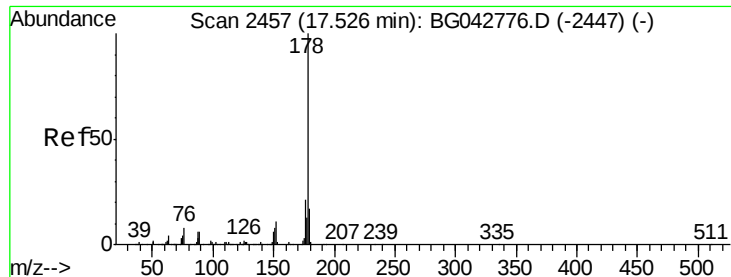


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.311 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

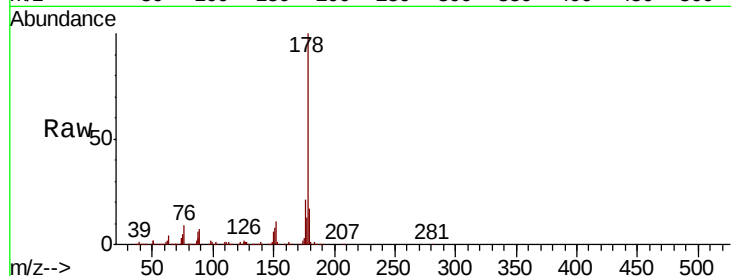
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 1196561

Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.0	25.4
179	17.3	13.6	20.4

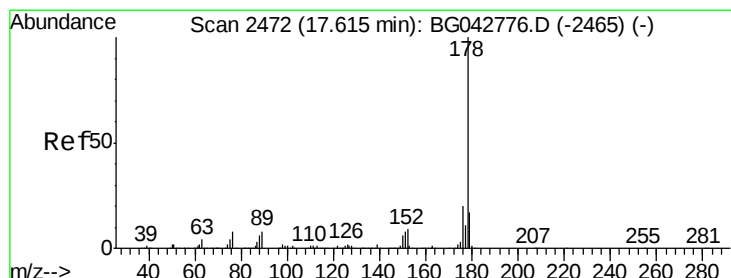
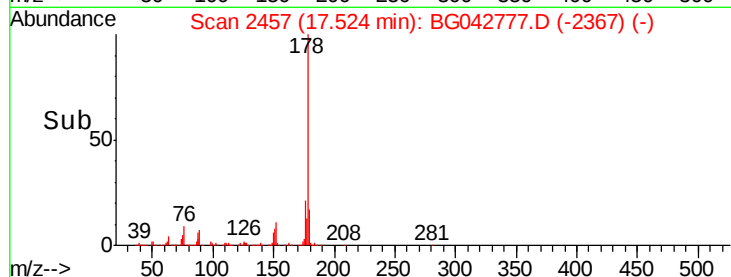
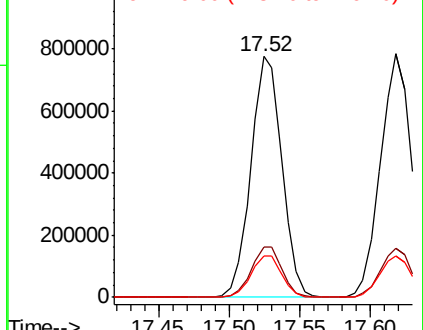


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.276 ng

RT: 17.62 min Scan# 2473

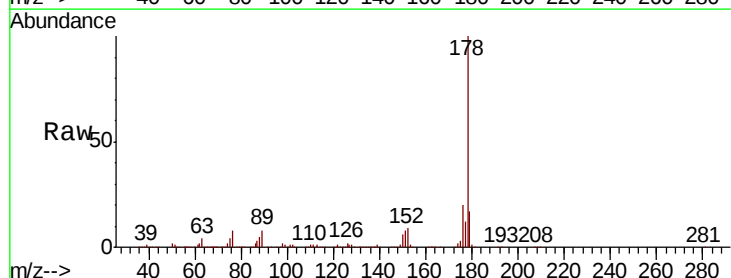
Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Tgt Ion:178 Resp: 1196195

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	17.2	13.6	20.4

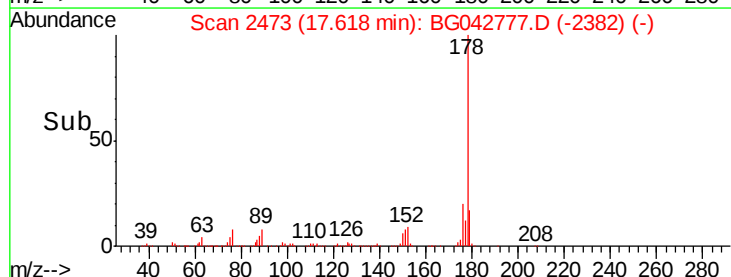
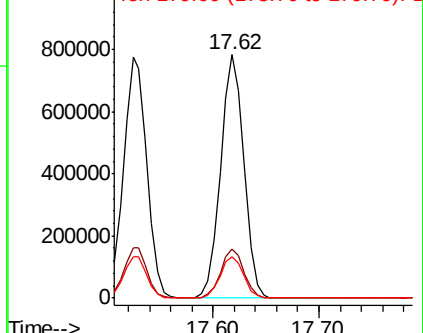


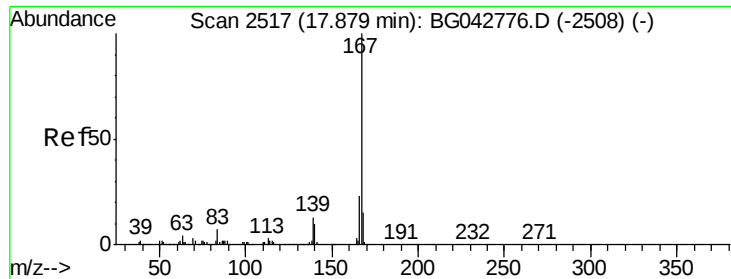
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

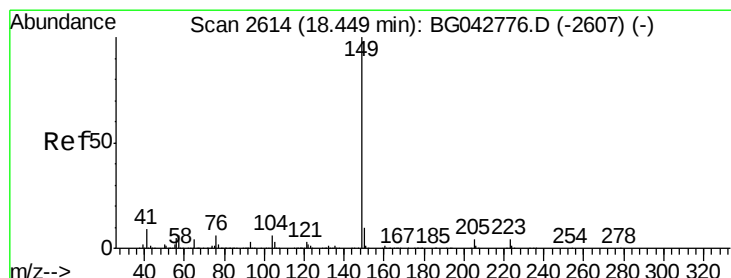
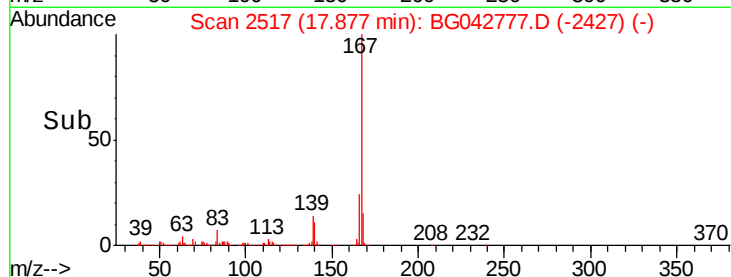
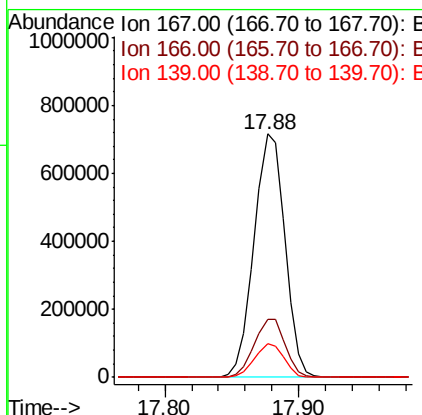
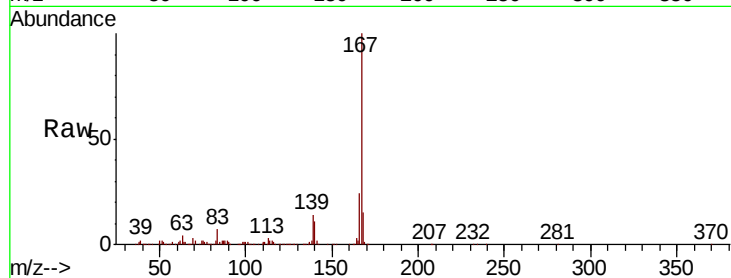




#73
 Carbazole
 Concen: 49.055 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

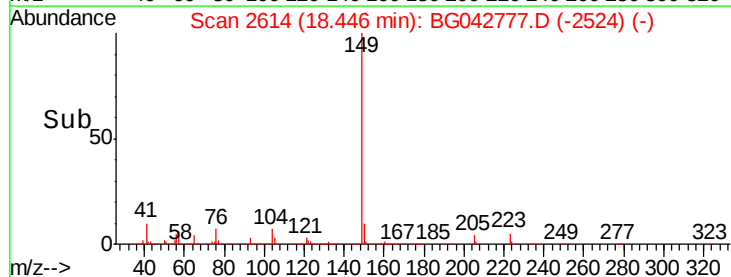
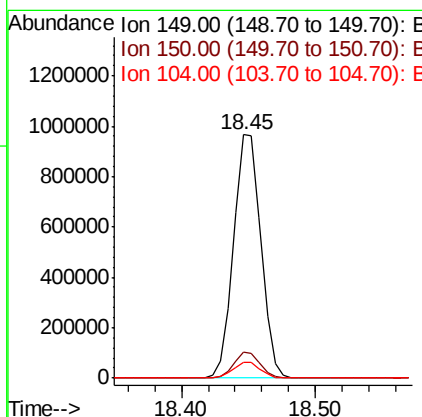
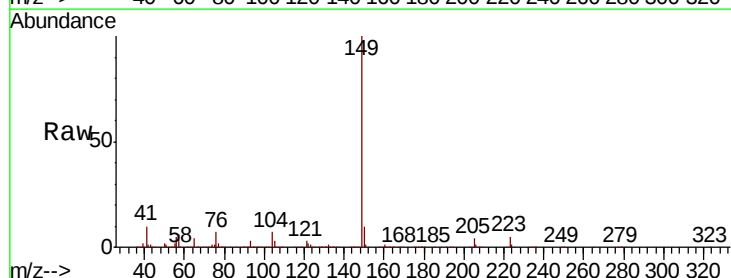
Instrument :
 BNA_G
 ClientSampleId :

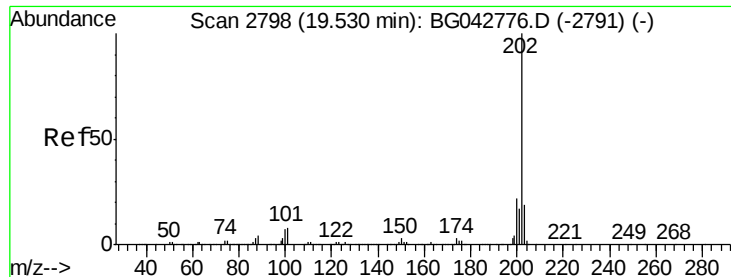
Tot Ion:167 Resp: 1141755
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.3 27.5
 139 13.6 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 49.358 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Tgt Ion:149 Resp: 1375572
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.0 12.0
 104 6.5 5.1 7.7





#75

Fluoranthene

Concen: 48.279 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

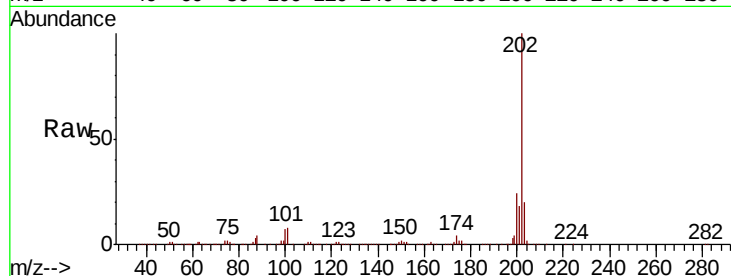
Tot Ion:202 Resp: 1552234

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.8

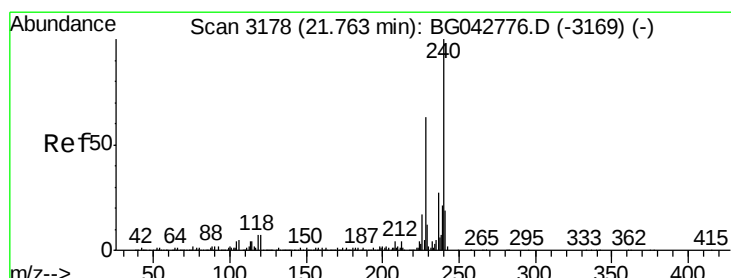
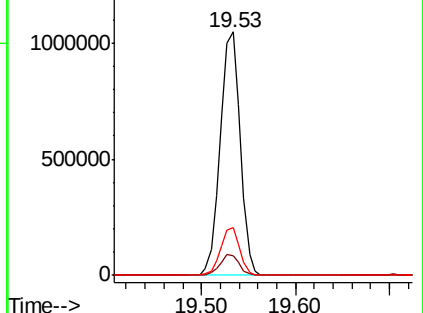
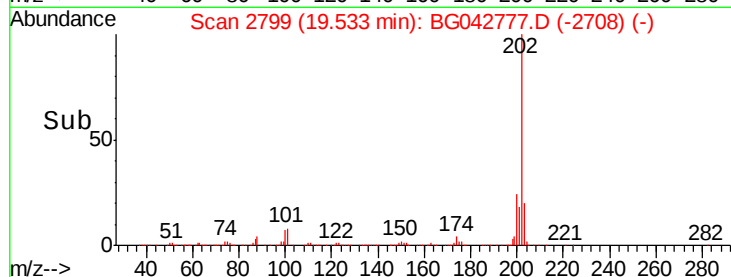
203 19.8 0.0 39.1



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: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

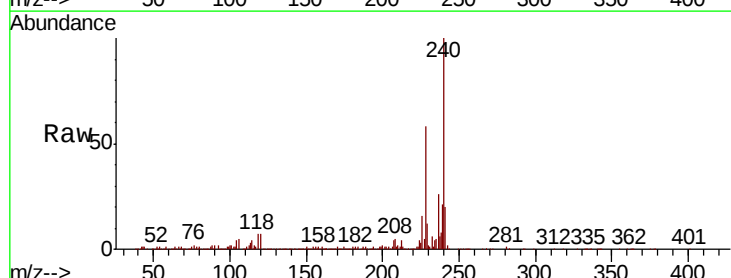
Tgt Ion:240 Resp: 504706

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.2

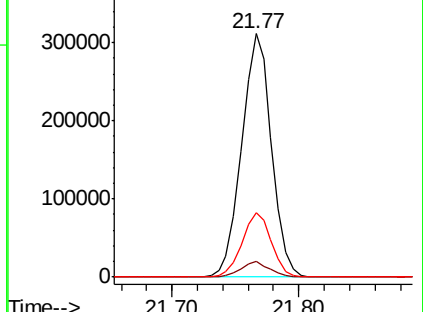
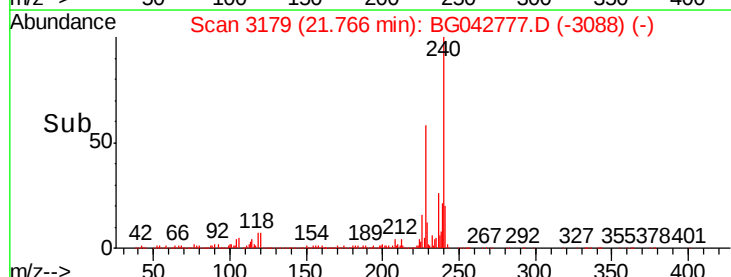
236 26.4 21.7 32.5

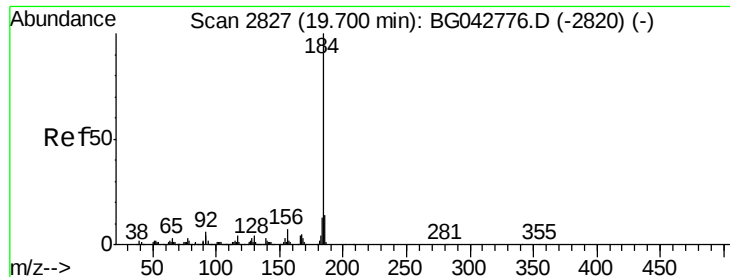


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.064 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

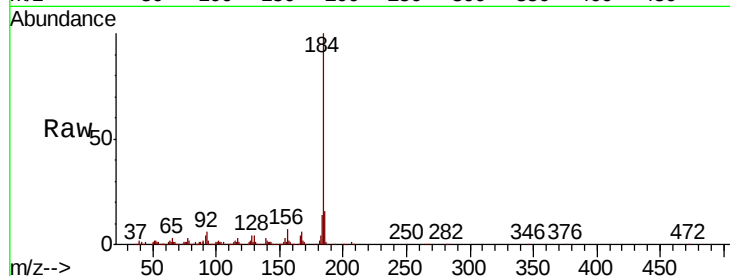
Tot Ion:184 Resp: 675359

Ion Ratio Lower Upper

184 100

185 15.6 11.6 17.4

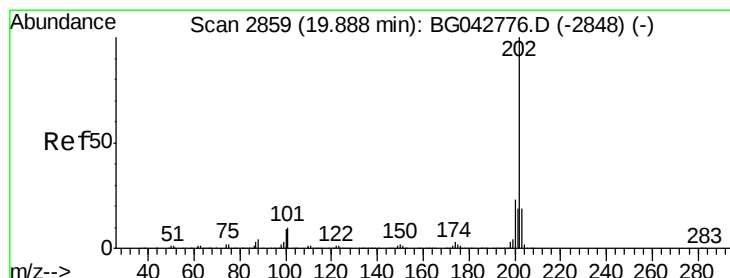
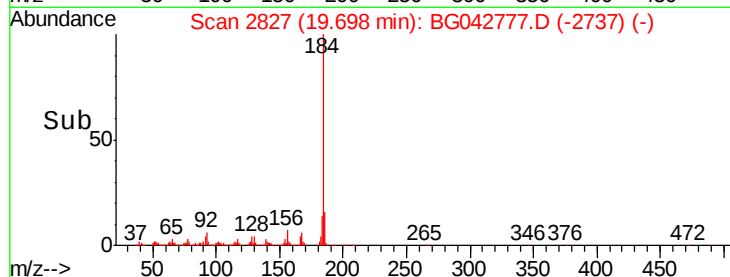
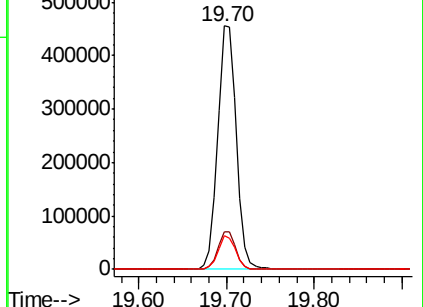
183 13.7 10.4 15.6



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: 49.183 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

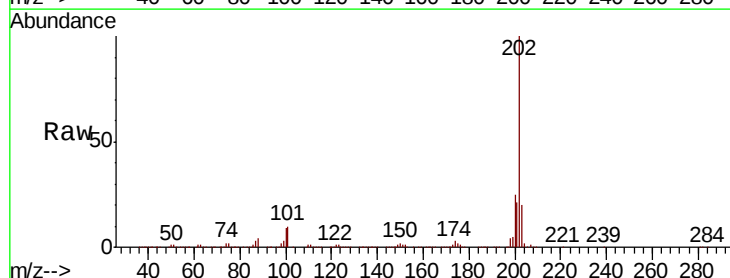
Tgt Ion:202 Resp: 1548655

Ion Ratio Lower Upper

202 100

200 24.5 18.5 27.7

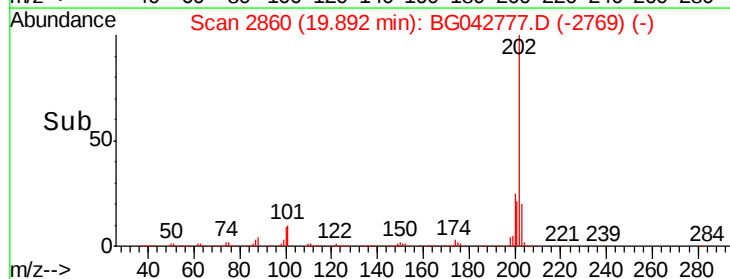
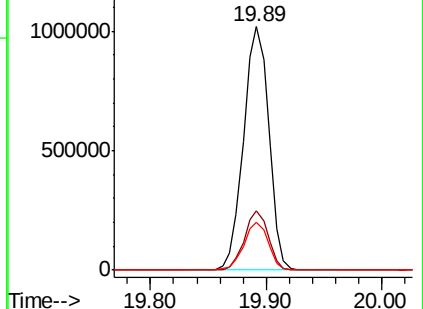
203 19.9 15.3 22.9

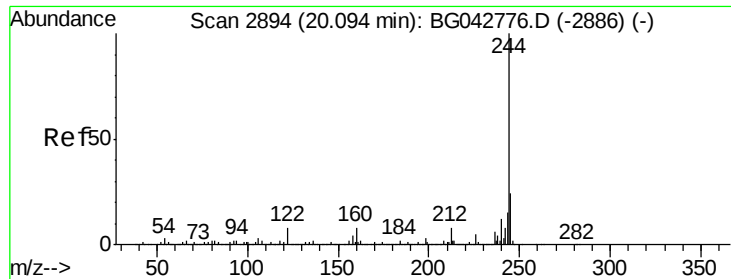


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

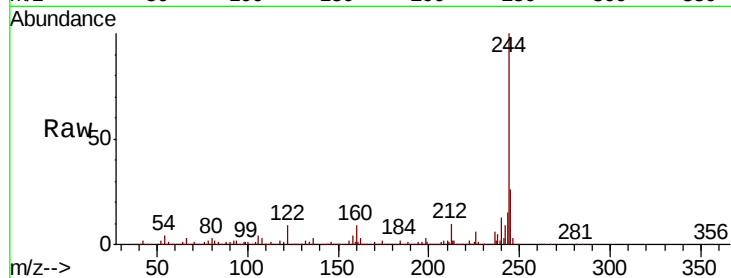




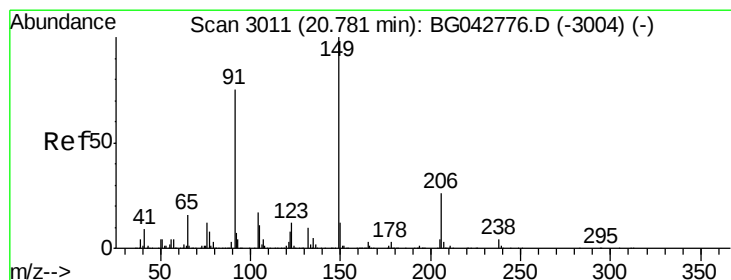
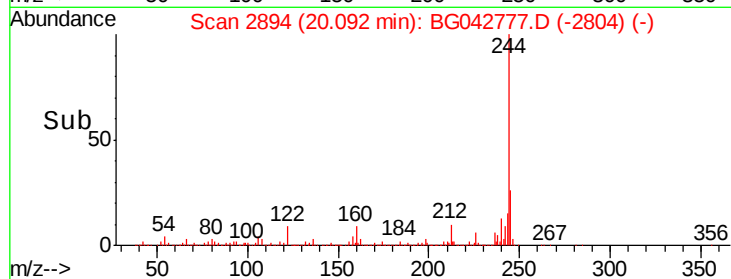
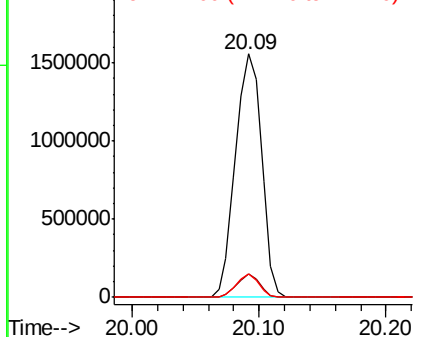
#79
 Terphenyl-d14
 Concen: 97.174 ng
 RT: 20.09 min Scan# 2894
 Delta R.T. -0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2217015
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.6 10.0
 122 9.5 6.2 9.4#

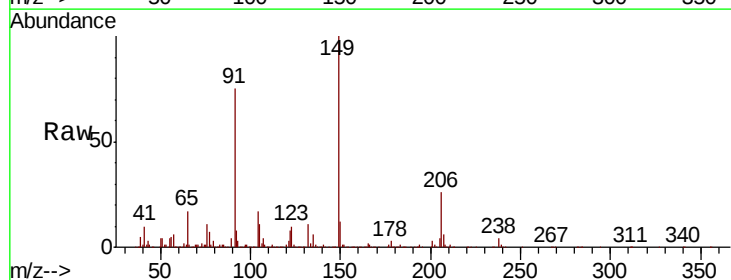


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

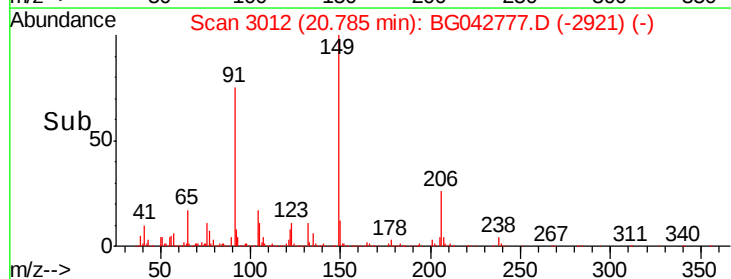
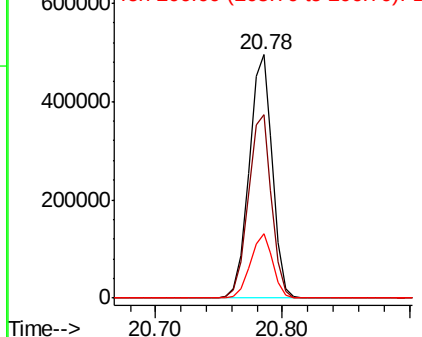


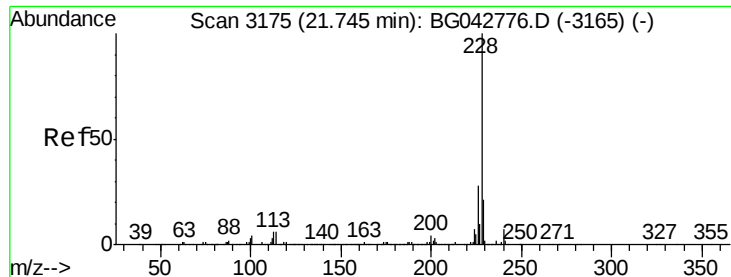
#80
 Butylbenzylphthalate
 Concen: 49.834 ng
 RT: 20.78 min Scan# 3012
 Delta R.T. 0.00 min
 Lab File: BG042777.D
 Acq: 12 Sep 2019 11:10

Tgt Ion:149 Resp: 625965
 Ion Ratio Lower Upper
 149 100
 91 75.3 60.2 90.2
 206 26.5 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

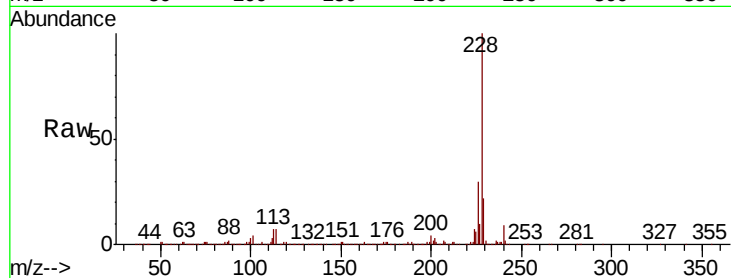




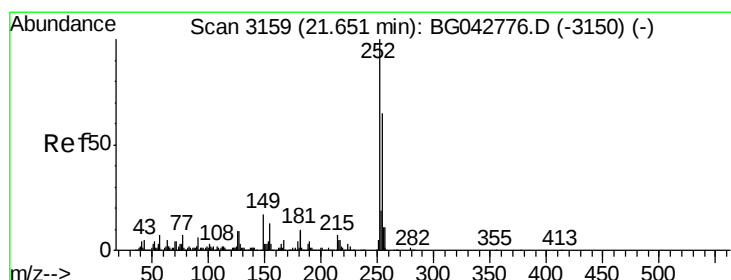
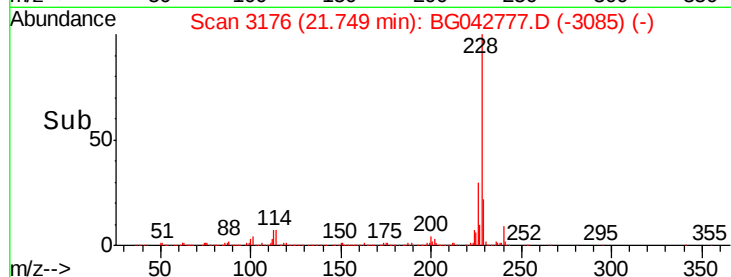
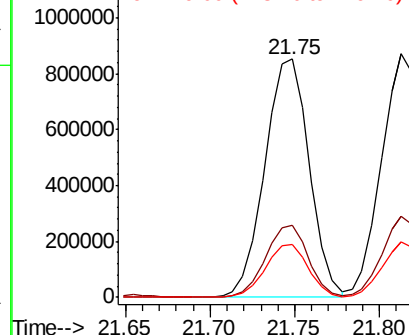
#81
Benzo(a)anthracene
Concen: 48.454 ng
RT: 21.75 min Scan# 3176
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 1558438
Ion Ratio Lower Upper
228 100
226 30.1 22.5 33.7
229 22.2 17.2 25.8

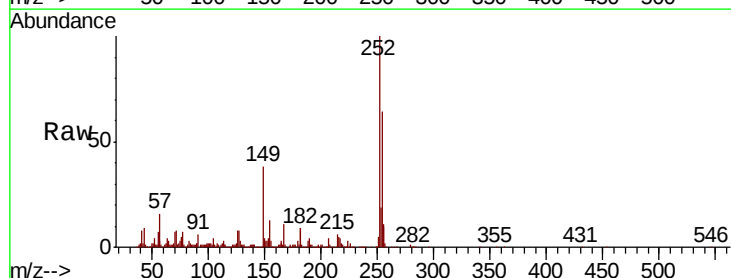


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

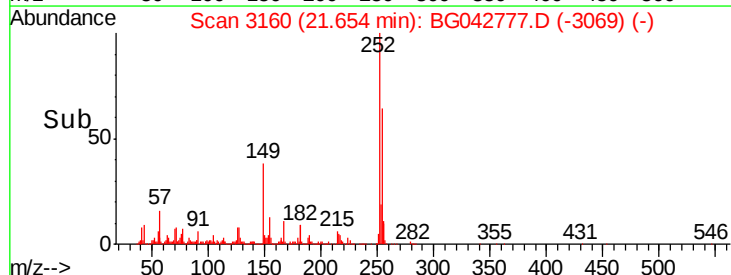
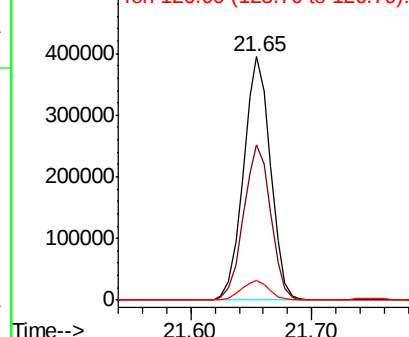


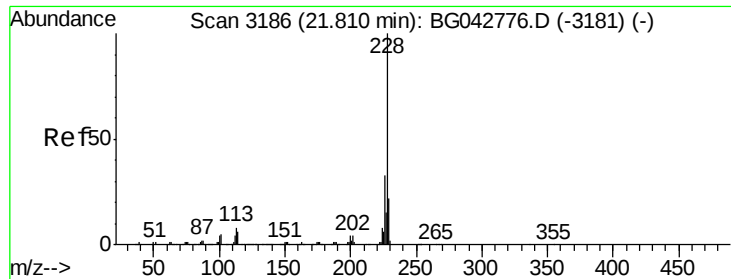
#82
3,3'-Dichlorobenzidine
Concen: 49.195 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion:252 Resp: 616217
Ion Ratio Lower Upper
252 100
254 63.8 52.2 78.2
126 8.1 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: 48.313 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

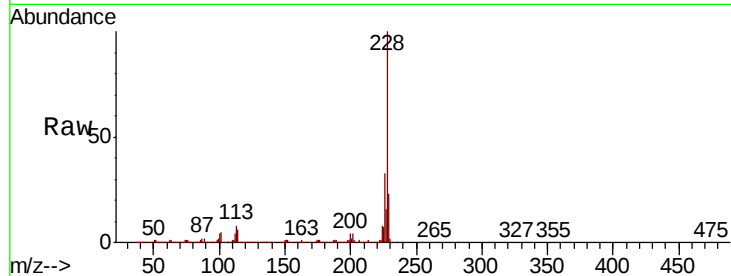
Tot Ion:228 Resp: 1476017

Ion	Ratio	Lower	Upper
228	100		
226	33.2	26.0	39.0
229	22.9	17.1	25.7

228 100

226 33.2 26.0 39.0

229 22.9 17.1 25.7

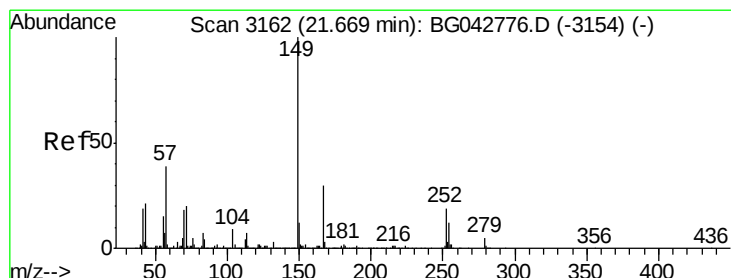
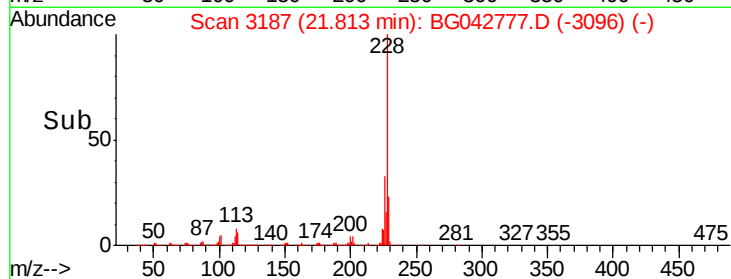
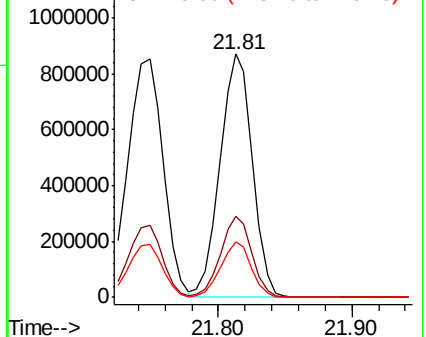


Abundance

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: 48.966 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

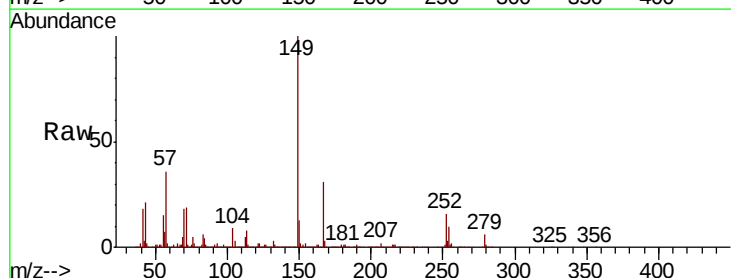
Tgt Ion:149 Resp: 857063

Ion	Ratio	Lower	Upper
149	100		
167	31.3	24.3	36.5
279	6.2	4.2	6.4

149 100

167 31.3 24.3 36.5

279 6.2 4.2 6.4

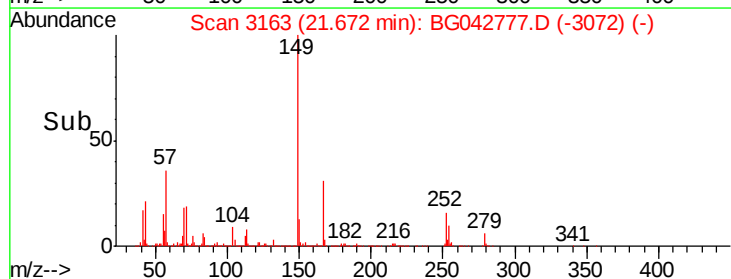
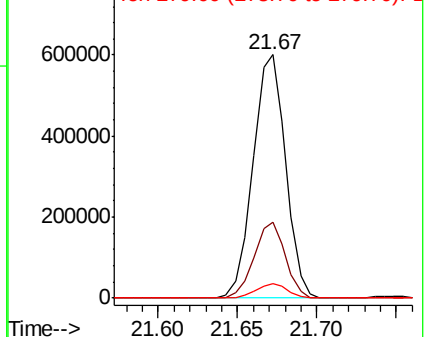


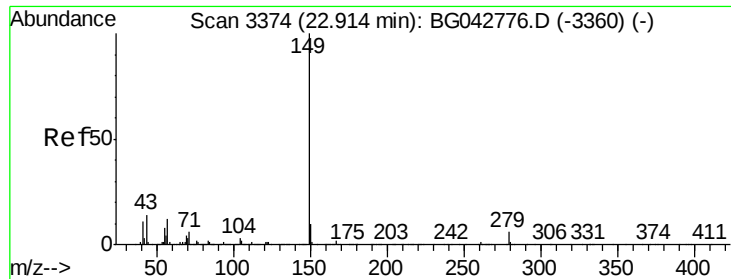
Abundance

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: 49.875 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampled :

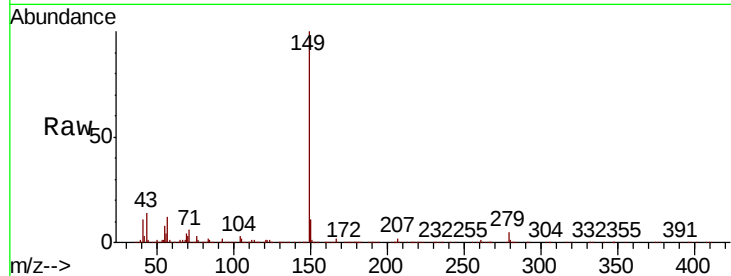
Tot Ion:149 Resp: 1472421

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

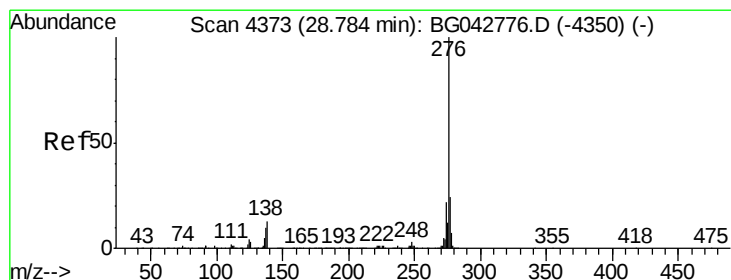
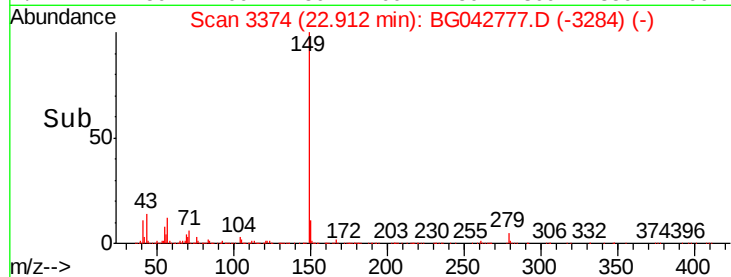
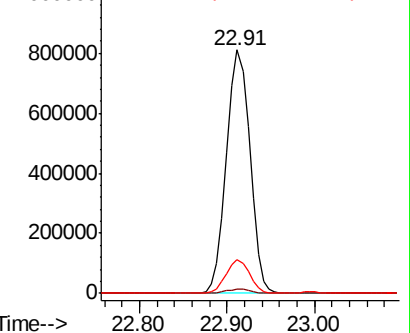
43 13.6 10.6 15.8



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: 48.841 ng

RT: 28.79 min Scan# 4374

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

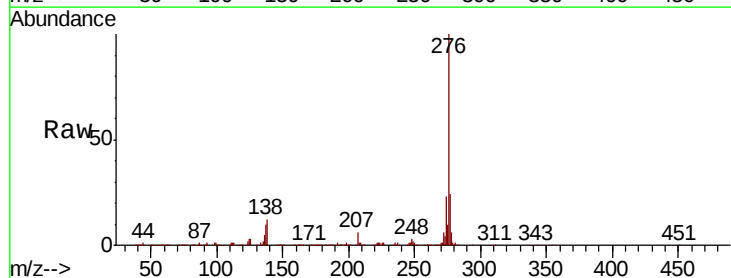
Tgt Ion:276 Resp: 1833624

Ion Ratio Lower Upper

276 100

138 11.4 9.3 13.9

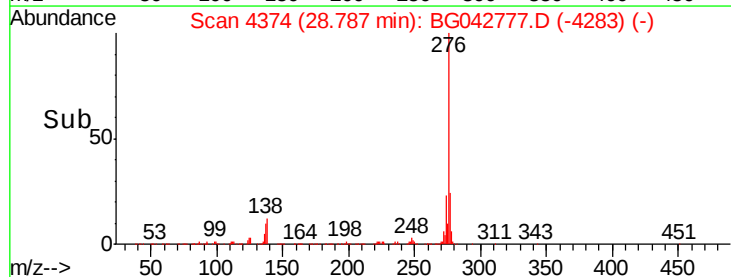
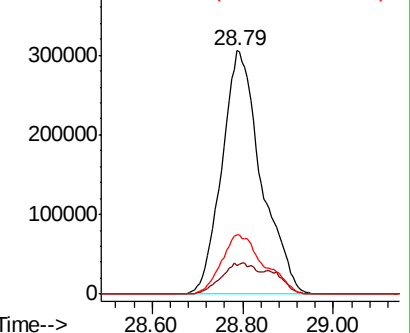
277 26.4 17.2 25.8#

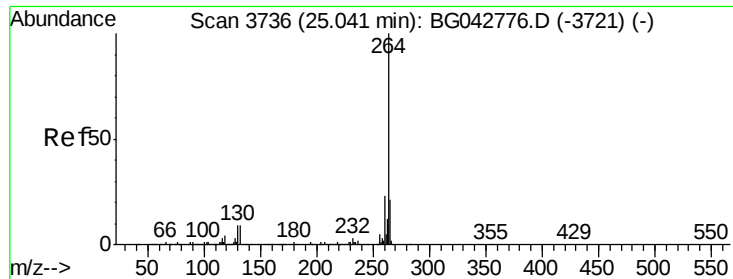


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Instrument :

BNA_G

ClientSampleId :

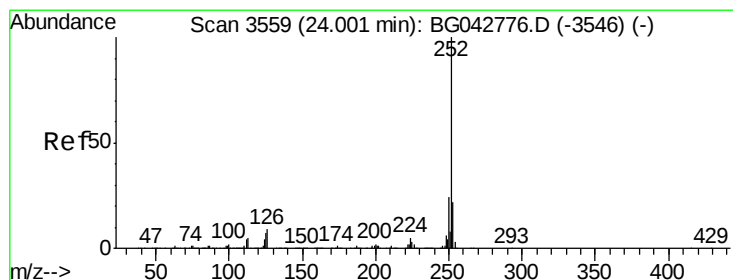
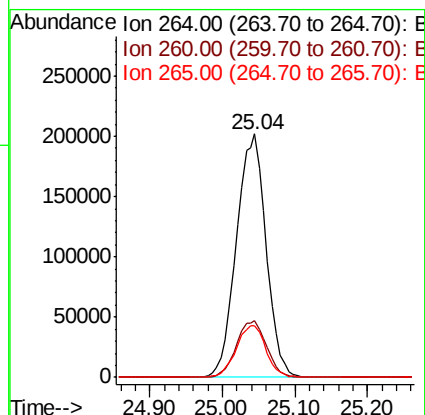
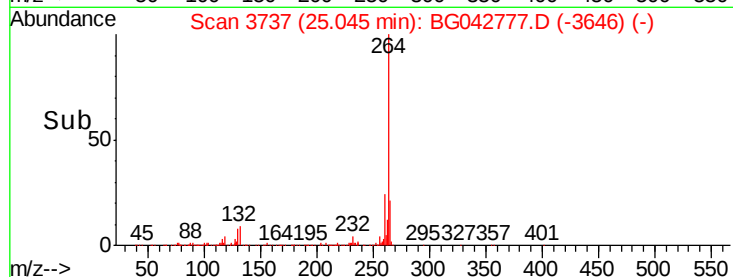
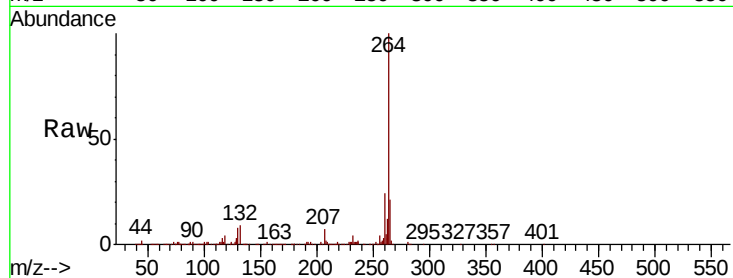
Tot Ion:264 Resp: 570983

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 21.3 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 48.325 ng

RT: 24.00 min Scan# 3560

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

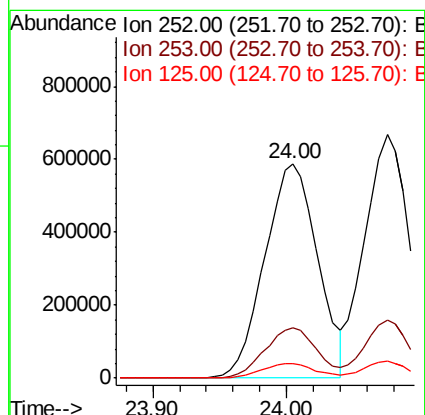
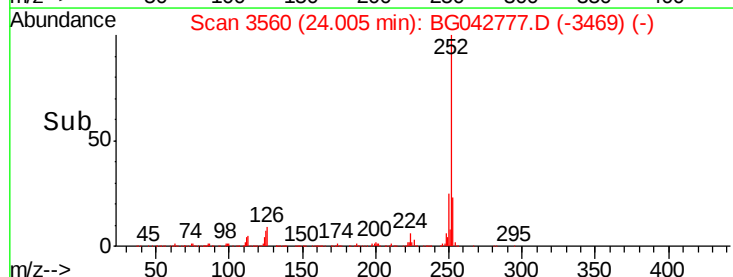
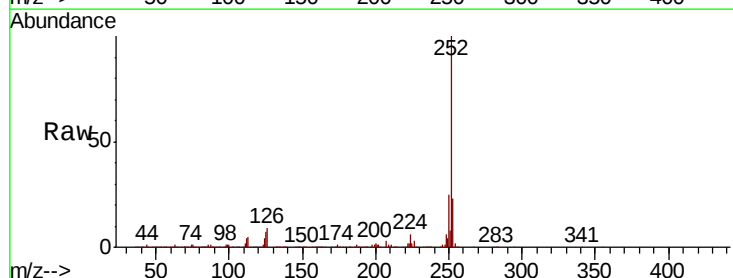
Tgt Ion:252 Resp: 1614179

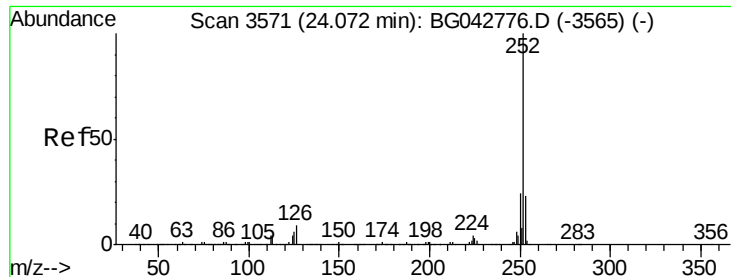
Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 6.5 5.6 8.4

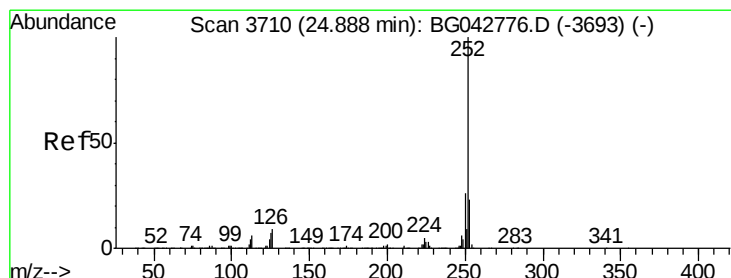
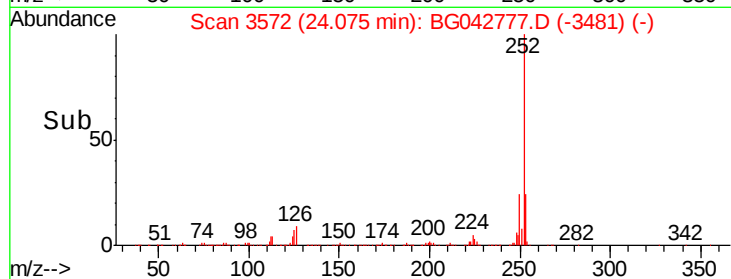
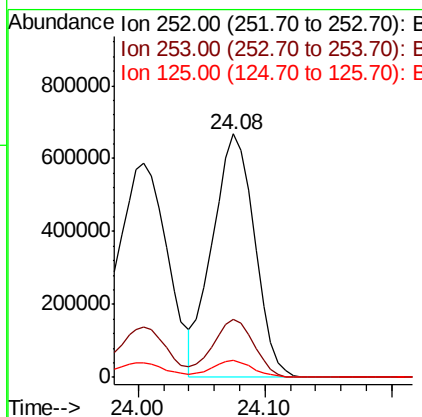
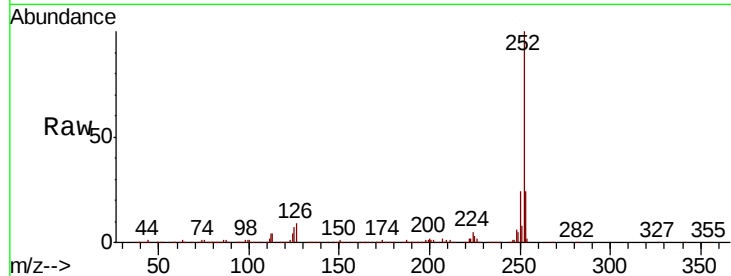




#89
Benzo(k)fluoranthene
Concen: 48.214 ng
RT: 24.08 min Scan# 3572
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

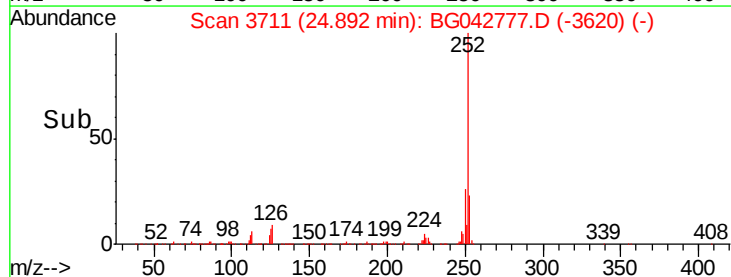
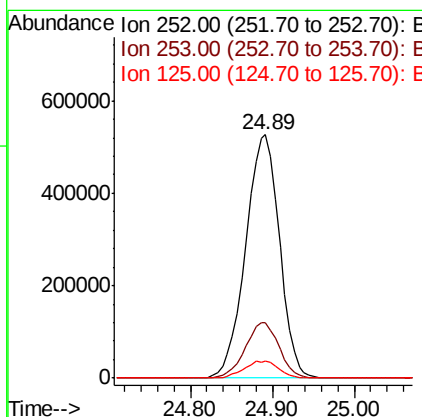
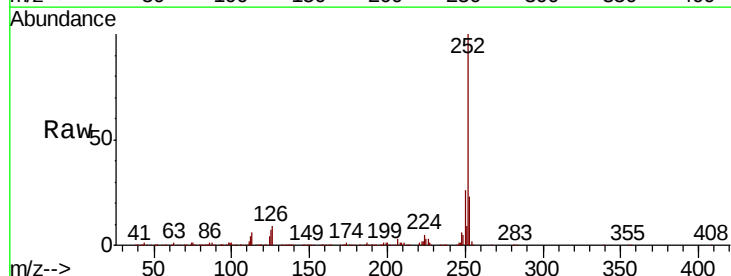
Instrument :
BNA_G
ClientSampleId :

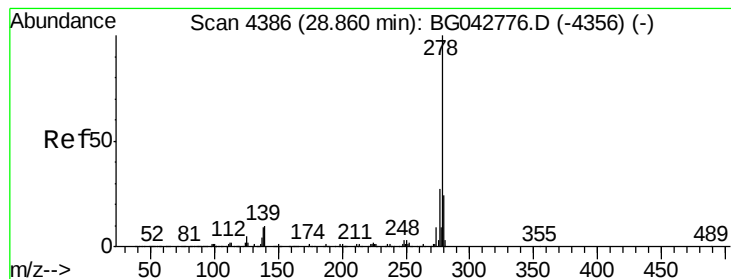
Tot Ion:252 Resp: 1537709
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 7.1 5.3 7.9



#90
Benzo(a)pyrene
Concen: 48.020 ng
RT: 24.89 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BG042777.D
Acq: 12 Sep 2019 11:10

Tgt Ion:252 Resp: 1513064
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 7.2 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 48.476 ng

RT: 28.86 min Scan# 4387

Delta R.T. 0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

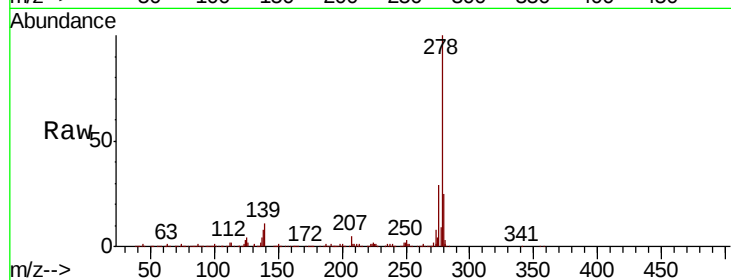
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1489850

Ion	Ratio	Lower	Upper
278	100		
139	10.7	8.2	12.2
279	25.3	19.4	29.2

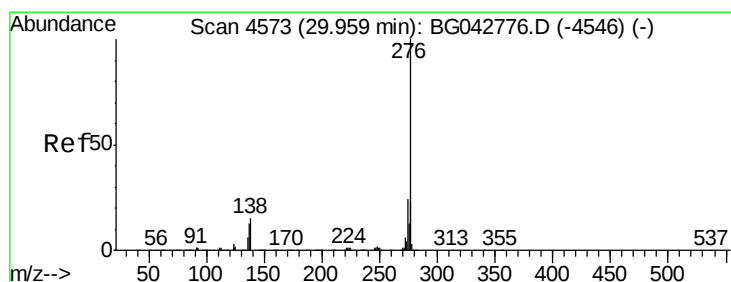
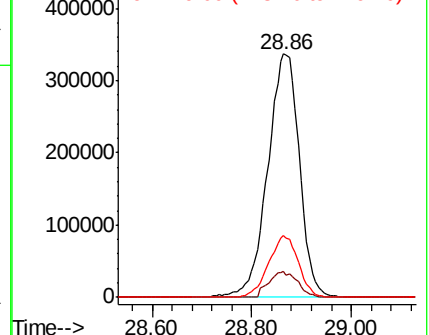
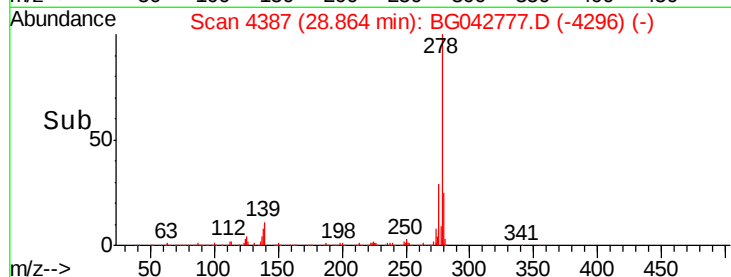


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.396 ng

RT: 29.96 min Scan# 4573

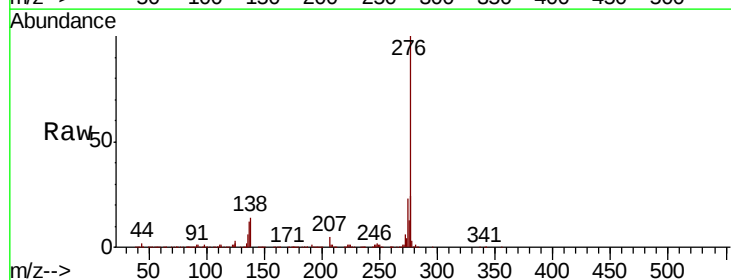
Delta R.T. -0.00 min

Lab File: BG042777.D

Acq: 12 Sep 2019 11:10

Tgt Ion:276 Resp: 1456942

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	13.6	11.8	17.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

