

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
 Data File : BG042926.D
 Acq On : 25 Sep 2019 13:24
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 14:05:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 12:51:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	58181	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	235477	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	162902	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	393414	20.00	ng	0.00
76) Chrysene-d12	21.71	240	450812	20.00	ng	0.00
87) Perylene-d12	24.95	264	525532	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	408722	121.79	ng	0.00
7) Phenol-d6	7.25	99	568084	117.26	ng	0.00
23) Nitrobenzene-d5	9.24	82	567113	117.48	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	331547	129.05	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1325681	119.39	ng	0.00
79) Terphenyl-d14	20.05	244	2483492	112.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	86537	62.051	ng	96
3) Pyridine	3.96	79	241828	59.571	ng	98
4) n-Nitrosodimethylamine	3.87	42	113998	60.585	ng	# 90
6) Aniline	7.41	93	343008	58.061	ng	99
8) 2-Chlorophenol	7.65	128	205365	59.765	ng	98
9) Benzaldehyde	7.21	77	146589	48.611	ng	97
10) Phenol	7.28	94	261530	57.914	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	204944	58.216	ng	98
12) 1,3-Dichlorobenzene	7.97	146	262744	60.577	ng	99
13) 1,4-Dichlorobenzene	8.11	146	260207	59.670	ng	97
14) 1,2-Dichlorobenzene	8.43	146	244963	59.185	ng	97
15) Benzyl Alcohol	8.32	79	213648	58.648	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	375991	54.965	ng	99
17) 2-Methylphenol	8.52	107	183237	58.750	ng	96
18) Hexachloroethane	9.16	117	97101	60.772	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	181927	56.302	ng	# 97
20) 3+4-Methylphenols	8.85	107	250162	58.412	ng	96
22) Acetophenone	8.90	105	351163	57.162	ng	# 99
24) Nitrobenzene	9.28	77	273090	58.395	ng	99
25) Isophorone	9.80	82	493518	57.224	ng	99
26) 2-Nitrophenol	9.99	139	118239	61.328	ng	99
27) 2,4-Dimethylphenol	10.06	122	176691	58.672	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	281289	56.515	ng	99
29) 2,4-Dichlorophenol	10.53	162	222615	60.679	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	287608	61.319	ng	97
31) Naphthalene	10.93	128	672181	58.397	ng	99
32) Benzoic acid	10.21	122	136515	58.398	ng	# 85
33) 4-Chloroaniline	11.04	127	296215	57.787	ng	99
34) Hexachlorobutadiene	11.22	225	211936	62.611	ng	99
35) Caprolactam	11.83	113	75742	57.235	ng	94
36) 4-Chloro-3-methylphenol	12.16	107	237946	58.572	ng	98
37) 2-Methylnaphthalene	12.53	142	506294	57.837	ng	97
38) 1-Methylnaphthalene	12.75	142	481790	58.255	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	357202	59.242	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	238443	64.507	ng	96
43) 2,4,6-Trichlorophenol	13.14	196	218241	61.871	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	219797	60.372	ng	98
46) 1,1'-Biphenyl	13.54	154	717743	57.808	ng	99
47) 2-Chloronaphthalene	13.58	162	549065	58.641	ng	98
48) 2-Nitroaniline	13.78	65	187698	59.745	ng	93
49) Acenaphthylene	14.42	152	846461	59.760	ng	99
50) Dimethylphthalate	14.15	163	718331	60.258	ng	98
51) 2,6-Dinitrotoluene	14.26	165	156124	61.487	ng	96
52) Acenaphthene	14.76	154	588258	62.747	ng	97
53) 3-Nitroaniline	14.60	138	163702	61.340	ng	100
54) 2,4-Dinitrophenol	14.80	184	102816	68.725	ng	93
55) Dibenzofuran	15.09	168	816801	58.732	ng	98
56) 4-Nitrophenol	14.91	139	127806	62.876	ng	97
57) 2,4-Dinitrotoluene	15.05	165	228965	63.537	ng	97
58) Fluorene	15.74	166	697943	59.359	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	234432	62.970	ng	100
60) Diethylphthalate	15.51	149	728075	60.533	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	415531	59.687	ng	98
62) 4-Nitroaniline	15.76	138	176652	61.133	ng	90
63) Azobenzene	16.03	77	662959	57.359	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	142736	68.506	ng	96
66) n-Nitrosodiphenylamine	15.94	169	615124	58.167	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	287402	59.379	ng	95
68) Hexachlorobenzene	16.75	284	322738	60.442	ng	97
69) Atrazine	16.90	200	258429	59.225	ng	95
70) Pentachlorophenol	17.09	266	195833	63.803	ng	98
71) Phenanthrene	17.48	178	1134641	59.378	ng	97
72) Anthracene	17.57	178	1130475	59.473	ng	99
73) Carbazole	17.84	167	1069618	60.358	ng	98
74) Di-n-butylphthalate	18.40	149	1292272	62.636	ng	99
75) Fluoranthene	19.49	202	1522967	62.902	ng	100
77) Benzidine	19.67	184	672712	53.756	ng	99
78) Pyrene	19.85	202	1551707	57.713	ng	98
80) Butylbenzylphthalate	20.73	149	631364	60.810	ng	96
81) Benzo(a)anthracene	21.69	228	1653420	59.553	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	663520	60.002	ng	98
83) Chrysene	21.76	228	1598070	59.523	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	891535	60.715	ng	98
85) Di-n-octyl phthalate	22.82	149	1454621	59.869	ng	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	2054236	61.371	ng	# 96
88) Benzo(b)fluoranthene	23.92	252	1765134	58.984	ng	98
89) Benzo(k)fluoranthene	23.99	252	1677158	58.011	ng	99
90) Benzo(a)pyrene	24.80	252	1657878	58.822	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	1701439	59.450	ng	98
92) Benzo(g,h,i)perylene	29.80	276	1647136	59.503	ng	98

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

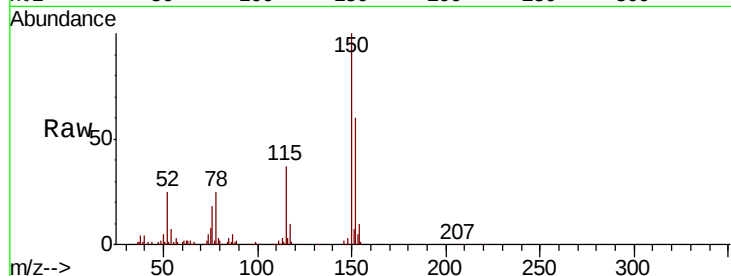


#1

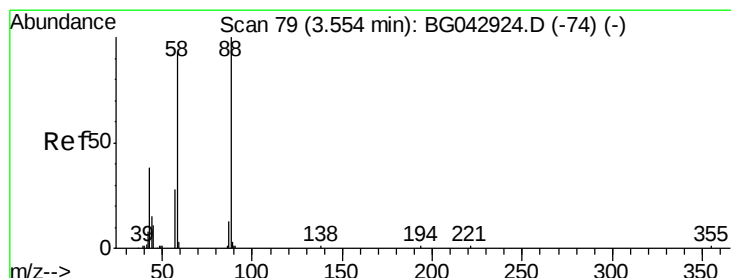
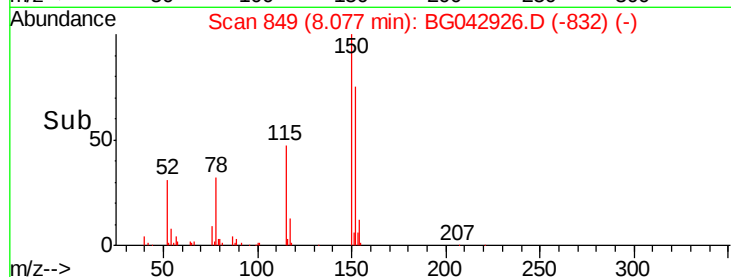
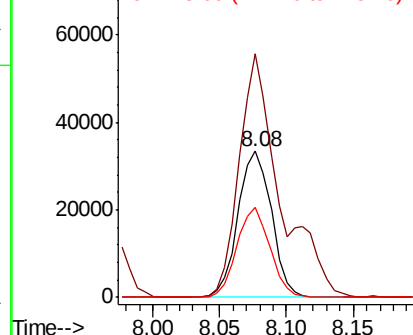
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.6	115.0	172.4
115	61.8	47.0	70.6



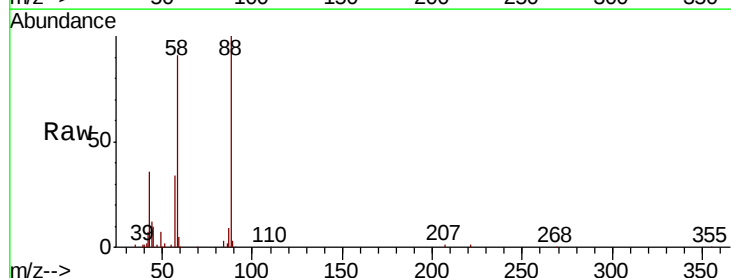
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



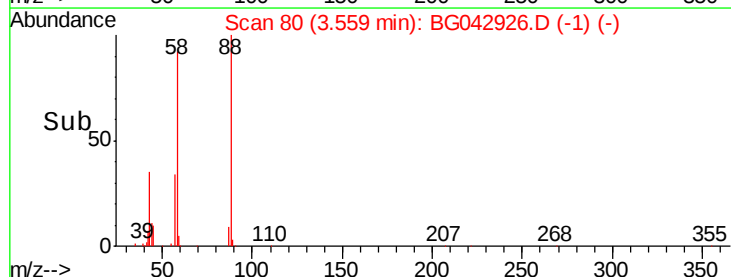
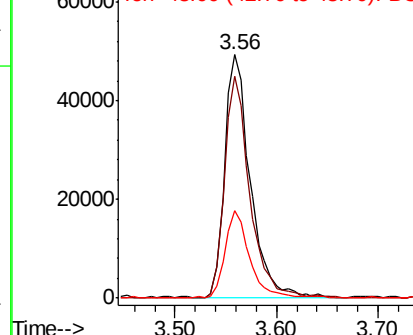
#2

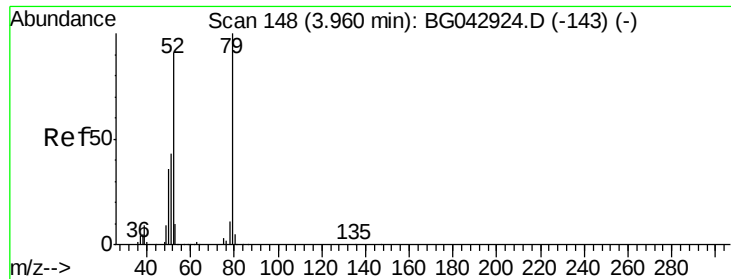
1,4-Dioxane
Concen: 62.051 ng
RT: 3.56 min Scan# 80
Delta R.T. 0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.8	74.3	111.5
43	34.1	29.8	44.8



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: 59.571 ng

RT: 3.96 min Scan# 149

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

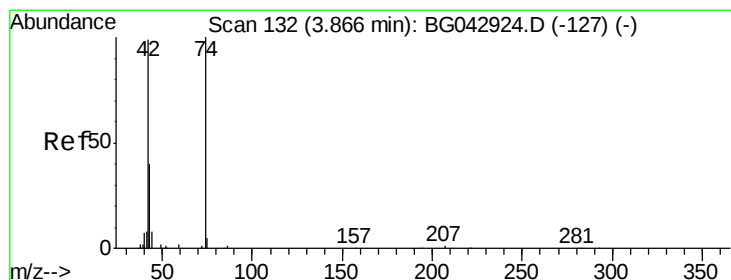
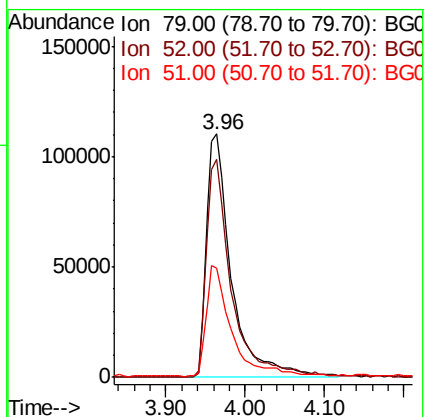
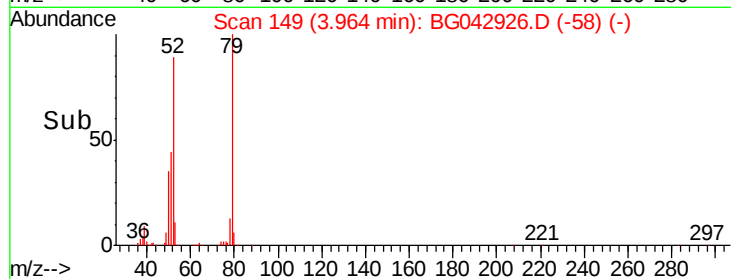
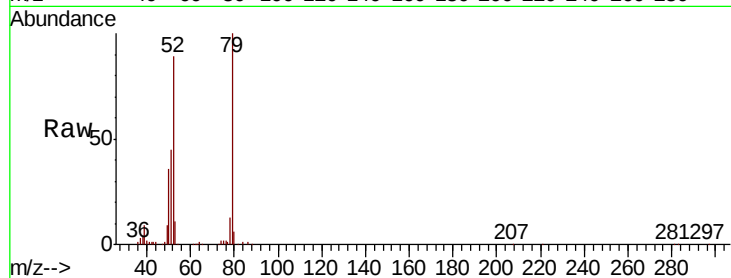
Tot Ion: 79 Resp: 241828

Ion Ratio Lower Upper

79 100

52 89.4 73.0 109.4

51 44.7 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 60.585 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

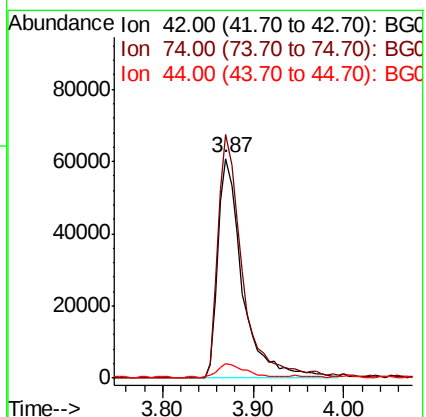
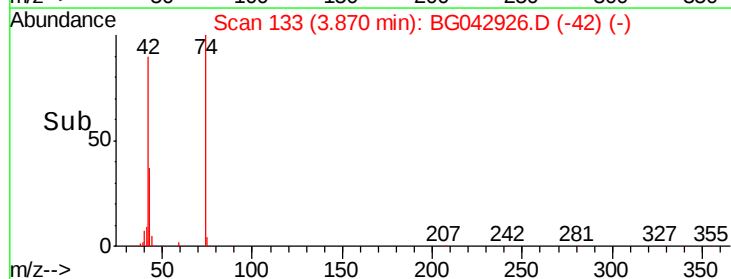
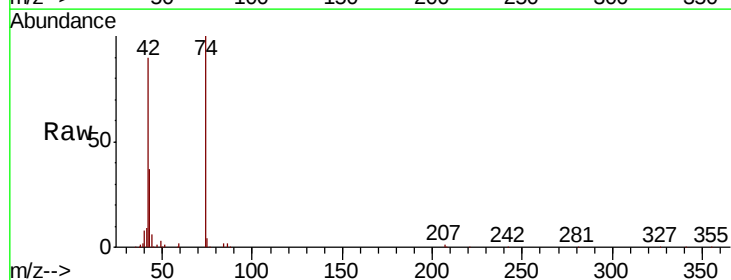
Tgt Ion: 42 Resp: 113998

Ion Ratio Lower Upper

42 100

74 111.0 80.5 120.7

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 121.794 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

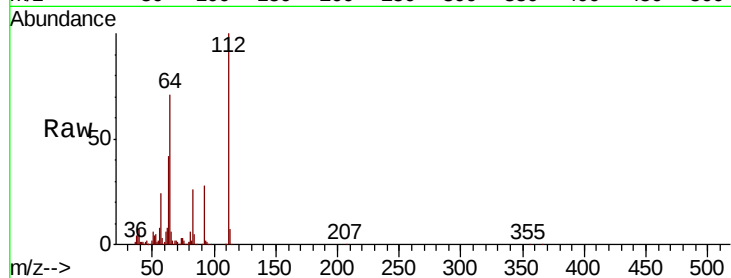
Tot Ion:112 Resp: 408722

Ion Ratio Lower Upper

112 100

64 70.9 56.6 84.8

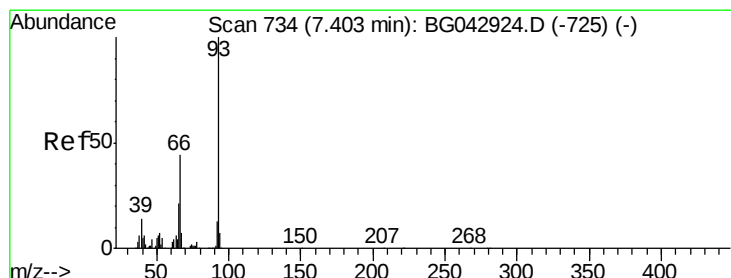
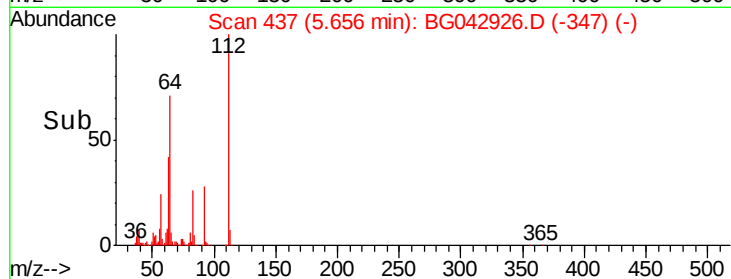
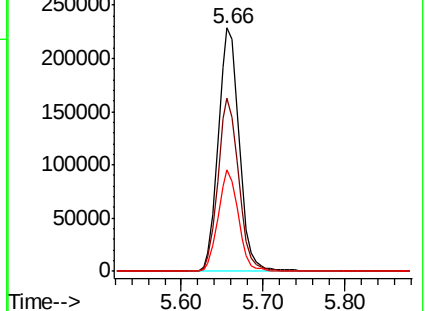
63 41.6 35.1 52.7



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: 58.061 ng

RT: 7.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

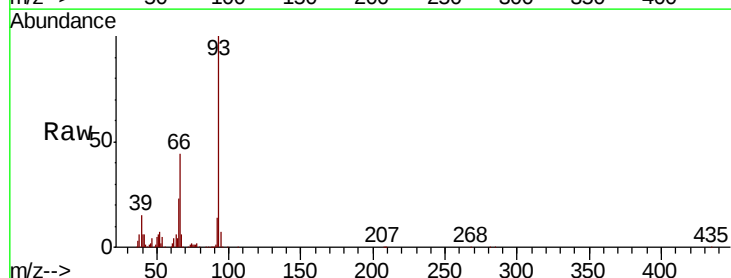
Tgt Ion: 93 Resp: 343008

Ion Ratio Lower Upper

93 100

66 44.2 35.0 52.6

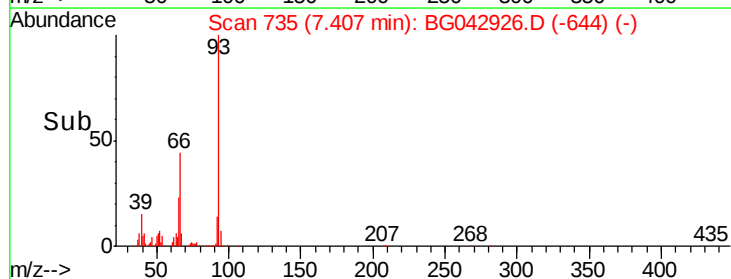
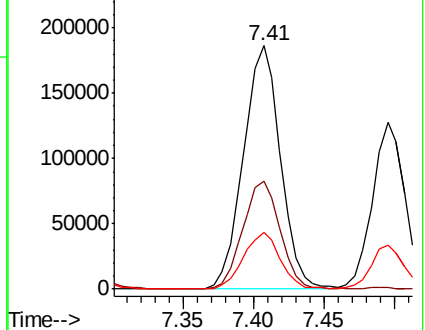
65 23.1 17.4 26.0



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: 117.262 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

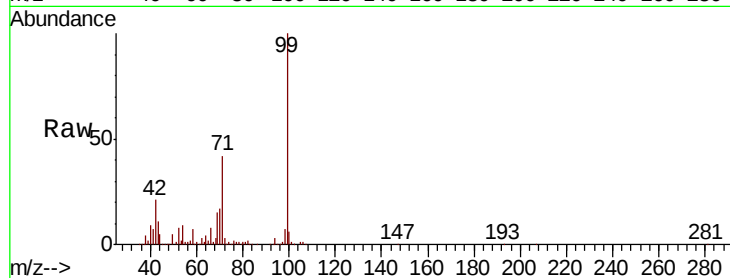
Tot Ion: 99 Resp: 568084

Ion Ratio Lower Upper

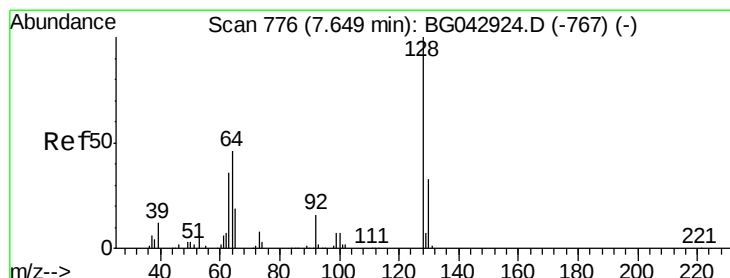
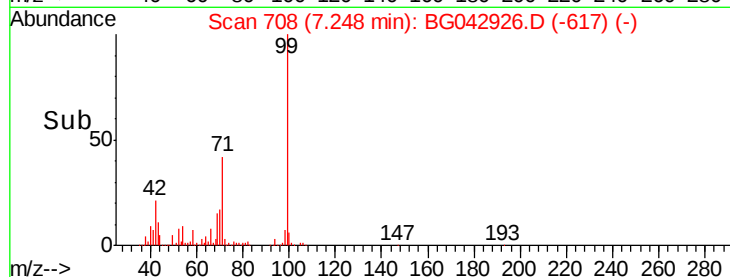
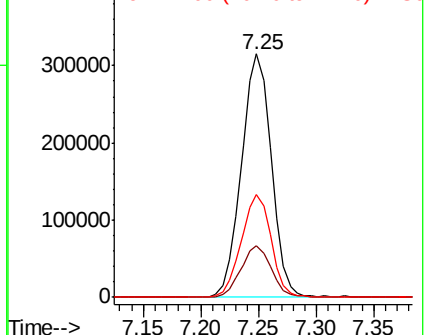
99 100

42 21.3 17.2 25.8

71 42.2 33.1 49.7



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: 59.765 ng

RT: 7.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

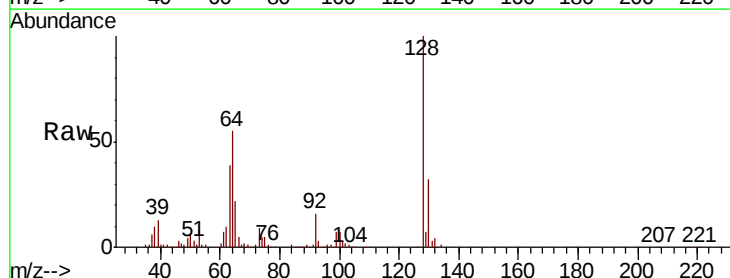
Tgt Ion:128 Resp: 205365

Ion Ratio Lower Upper

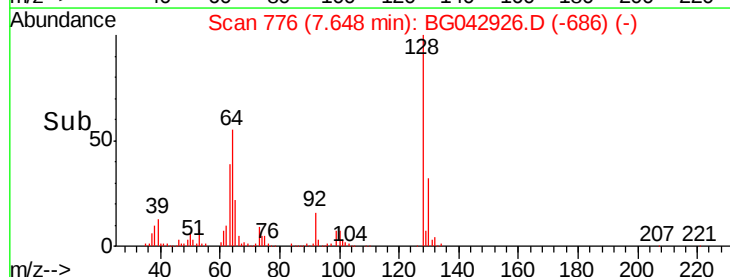
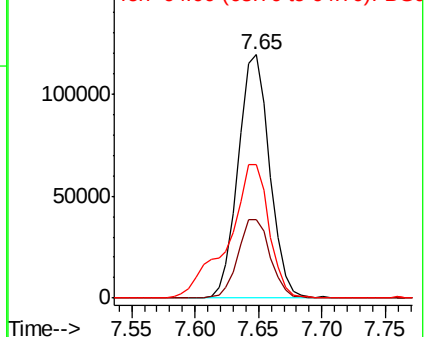
128 100

130 32.3 12.5 52.5

64 55.0 32.8 72.8



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: 48.611 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

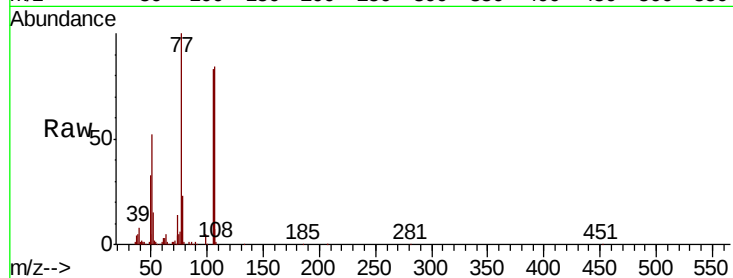
Tot Ion: 77 Resp: 146589

Ion Ratio Lower Upper

77 100

105 83.2 64.6 104.6

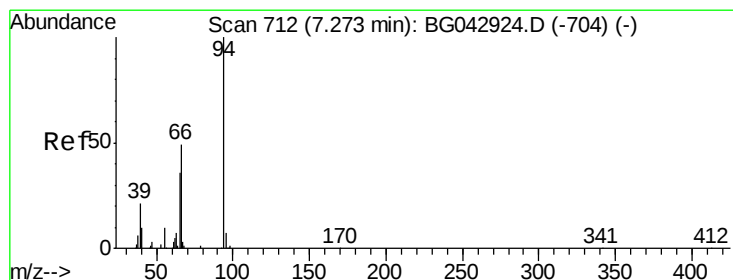
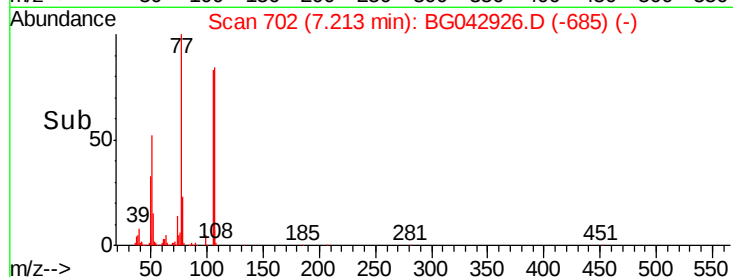
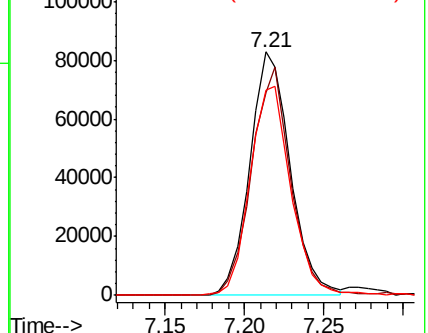
106 84.3 59.4 99.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 57.914 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

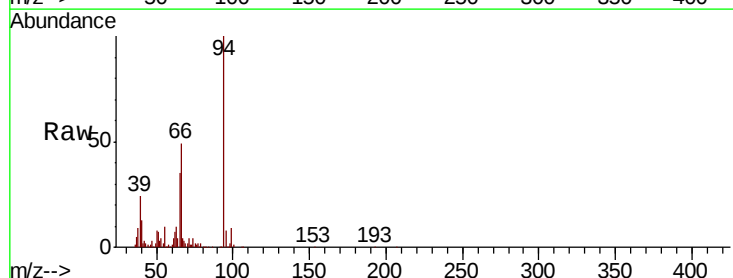
Tgt Ion: 94 Resp: 261530

Ion Ratio Lower Upper

94 100

65 34.9 16.6 56.6

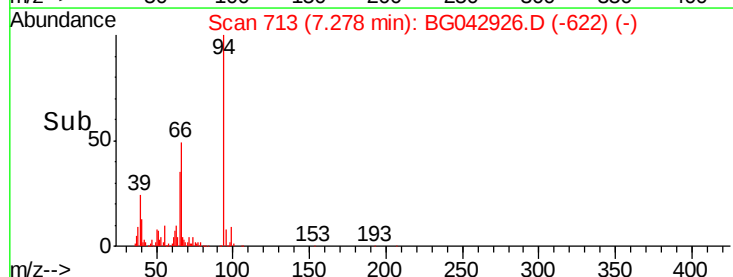
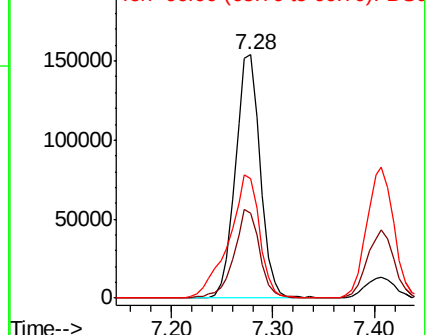
66 48.8 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

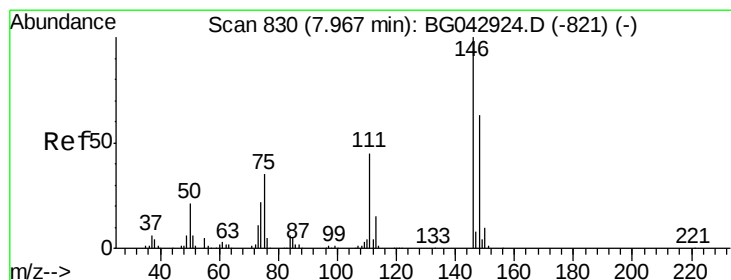
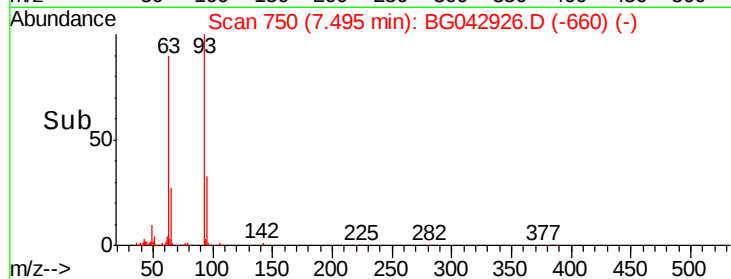
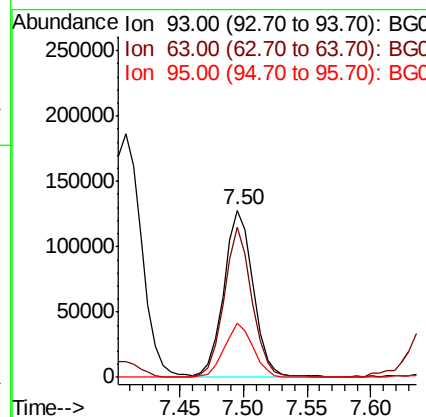
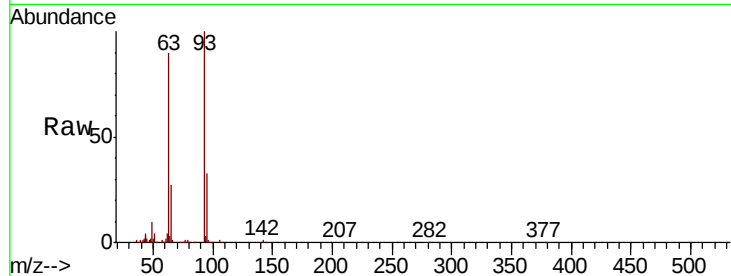




#11
bis(2-Chloroethyl)ether
Concen: 58.216 ng
RT: 7.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

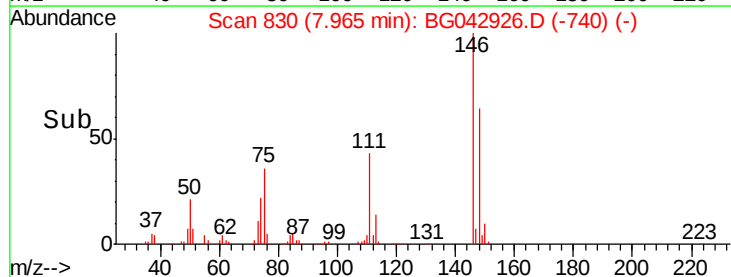
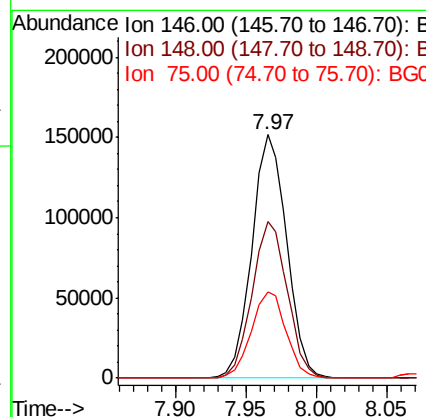
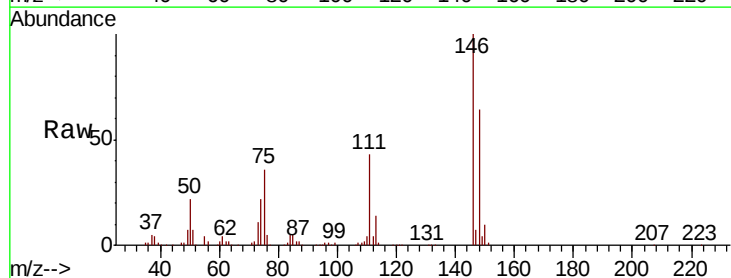
Instrument :
BNA_G
ClientSampleId :

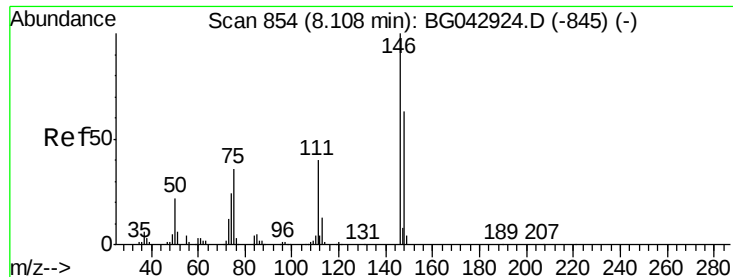
Tot Ion	93	Resp	204944
Ion Ratio	Lower	Upper	
93	100		
63	89.5	67.4	107.4
95	32.6	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 60.577 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion	146	Resp	262744
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.7	76.1
75	35.6	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 59.670 ng

RT: 8.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

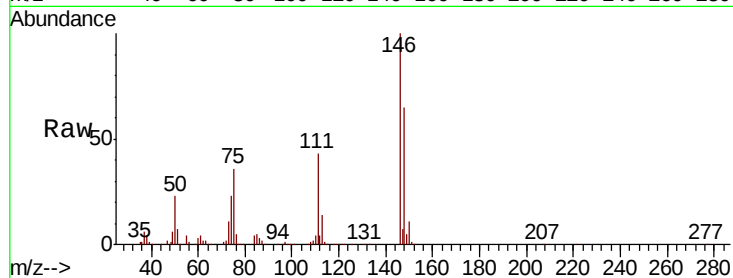
Tot Ion:146 Resp: 260207

Ion Ratio Lower Upper

146 100

148 65.3 50.9 76.3

111 42.9 31.8 47.8

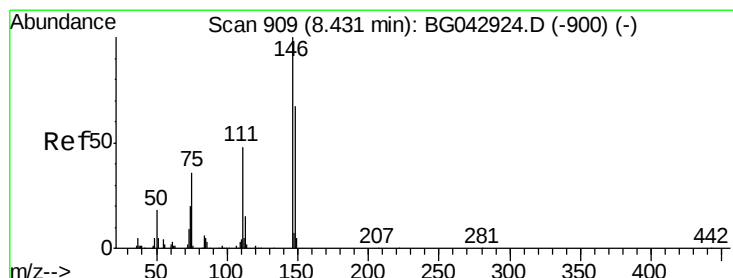
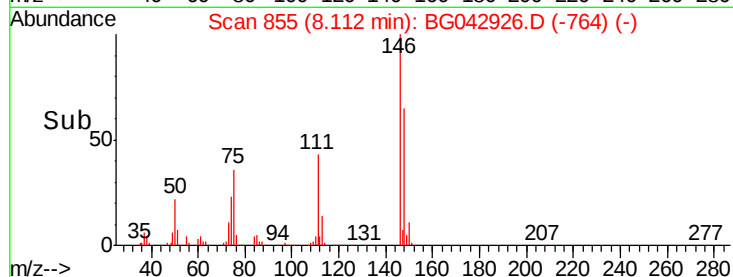
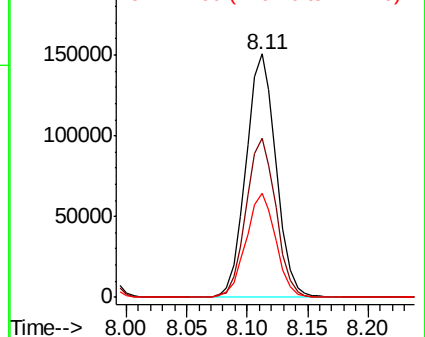


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 59.185 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

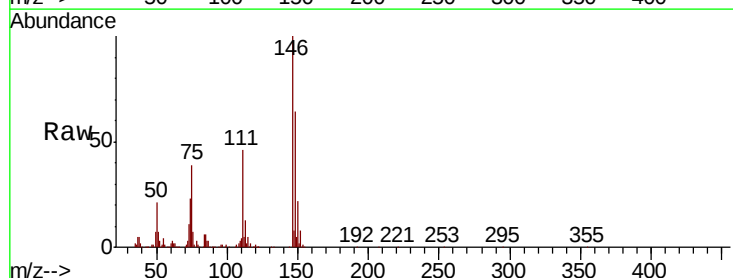
Tgt Ion:146 Resp: 244963

Ion Ratio Lower Upper

146 100

148 64.5 53.4 80.2

111 45.9 38.5 57.7

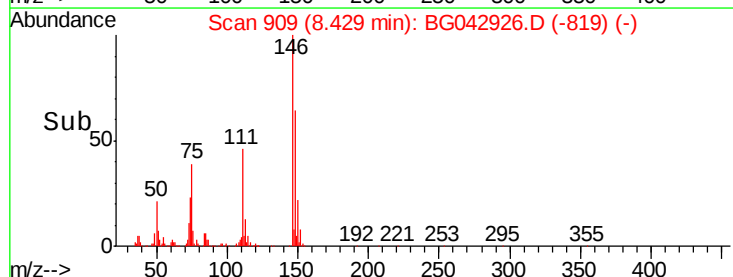
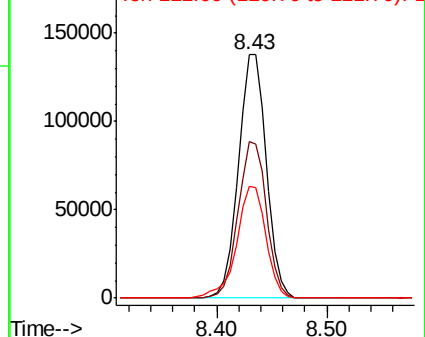


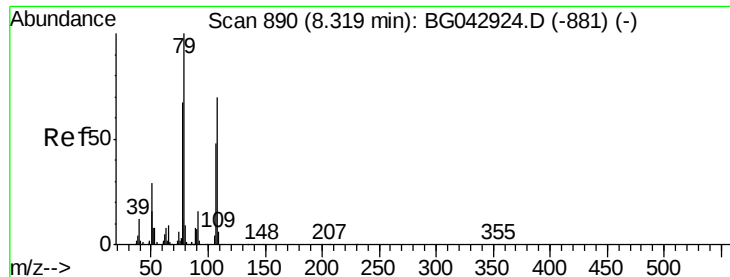
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 58.648 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

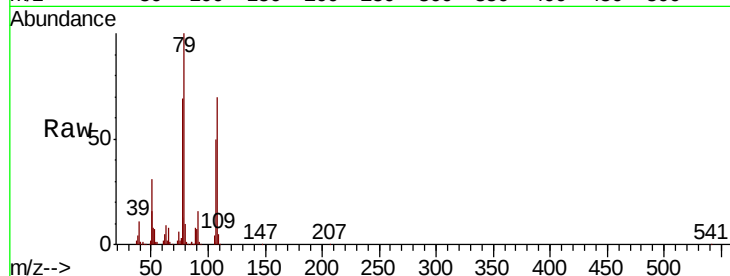
Tot Ion: 79 Resp: 213648

Ion Ratio Lower Upper

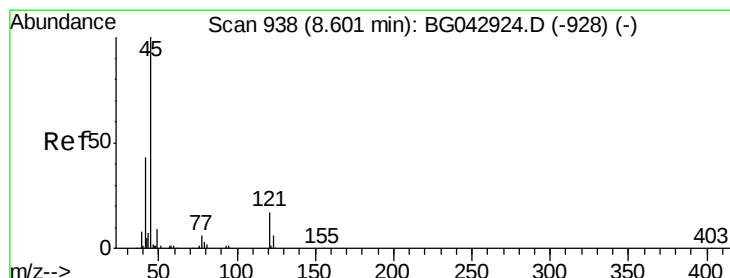
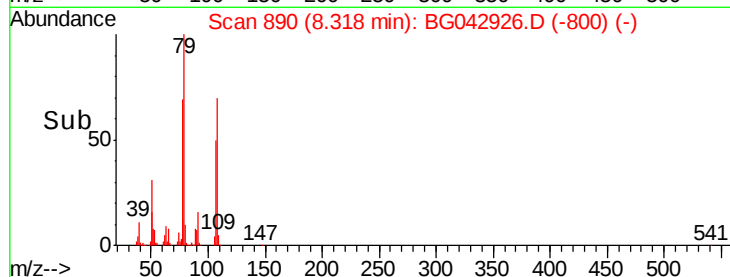
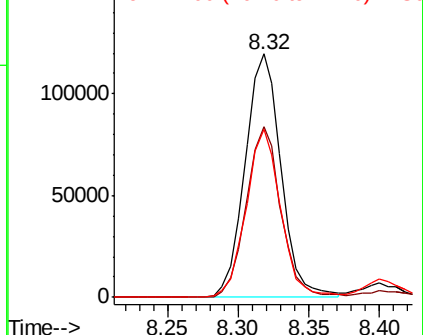
79 100

108 69.9 55.7 83.5

77 68.8 53.3 79.9



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: 54.965 ng

RT: 8.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

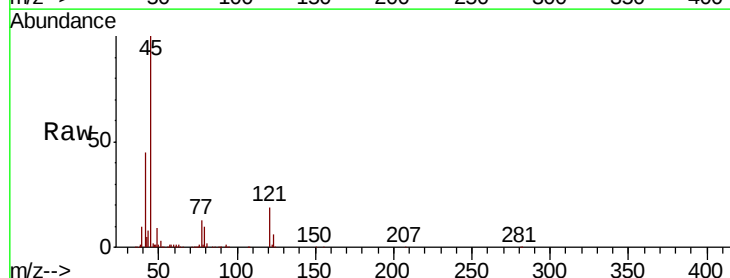
Tgt Ion: 45 Resp: 375991

Ion Ratio Lower Upper

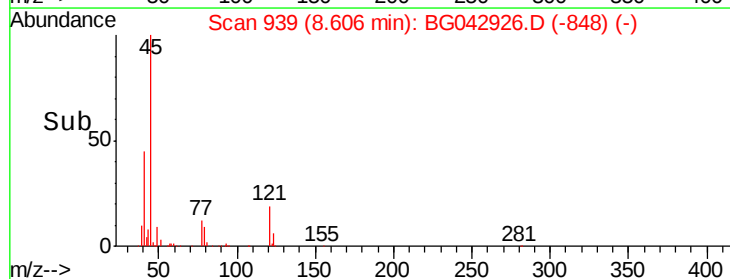
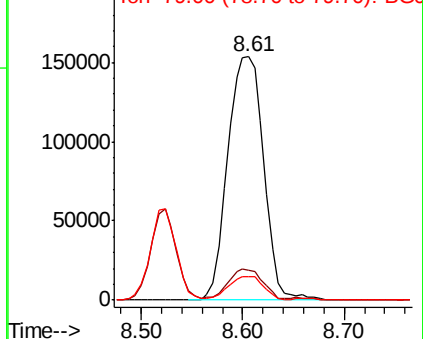
45 100

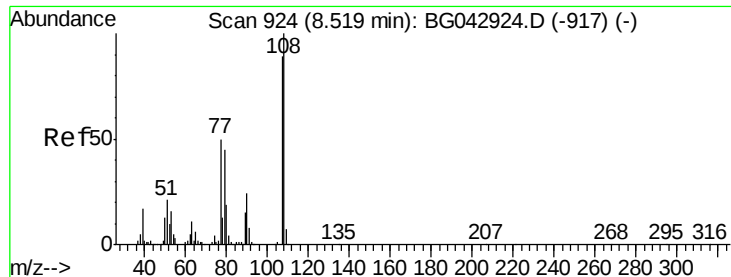
77 12.5 0.0 32.8

79 9.9 0.0 29.4



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





#17

2-Methylphenol

Concen: 58.750 ng

RT: 8.52 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 183237

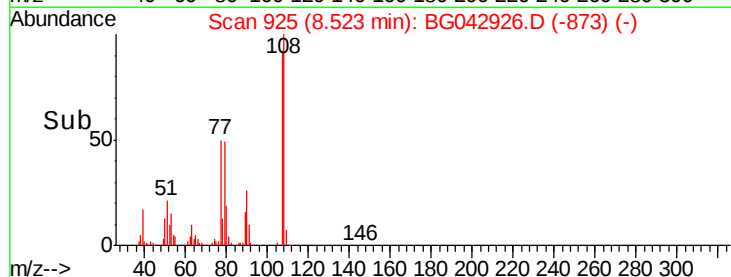
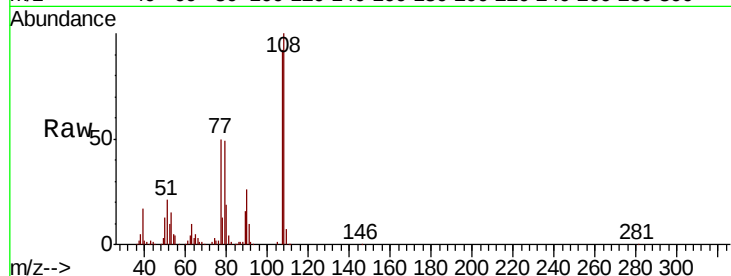
Ion Ratio Lower Upper

107 100

108 108.3 89.9 134.9

77 53.9 45.4 68.2

79 53.4 41.4 62.0

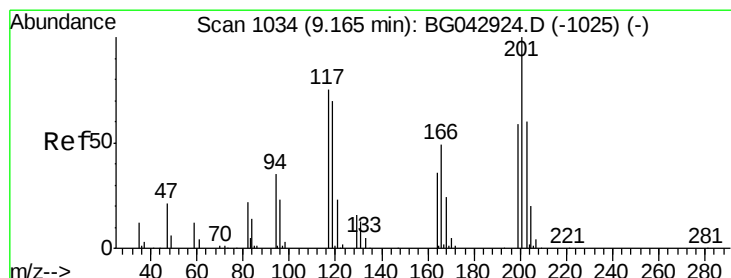
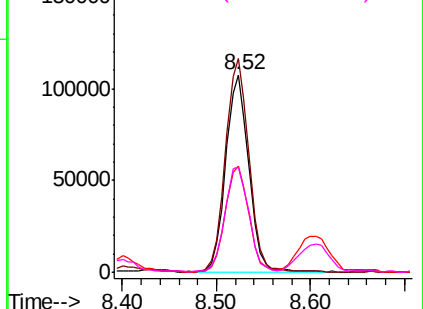


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 60.772 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

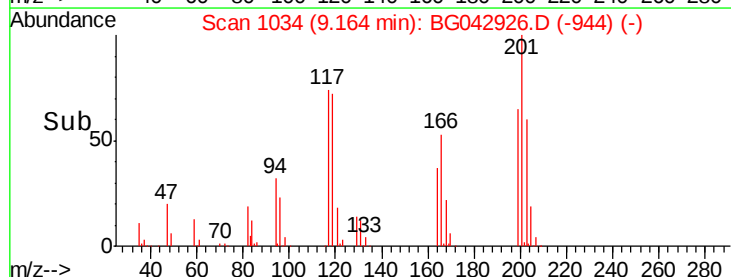
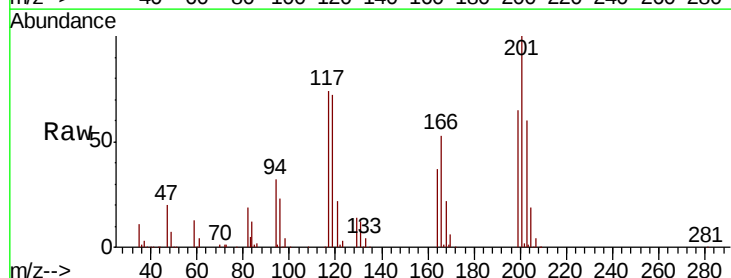
Tgt Ion:117 Resp: 97101

Ion Ratio Lower Upper

117 100

119 97.2 74.6 111.8

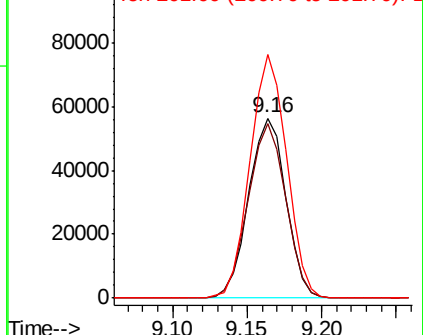
201 135.1 106.0 159.0

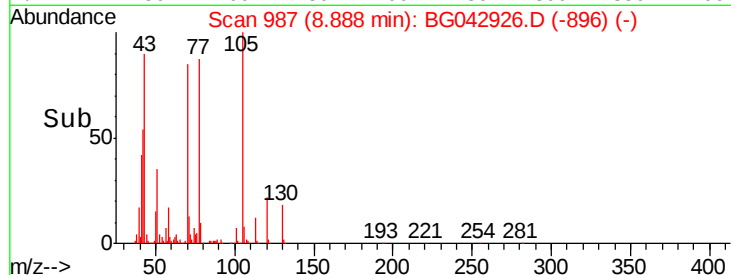
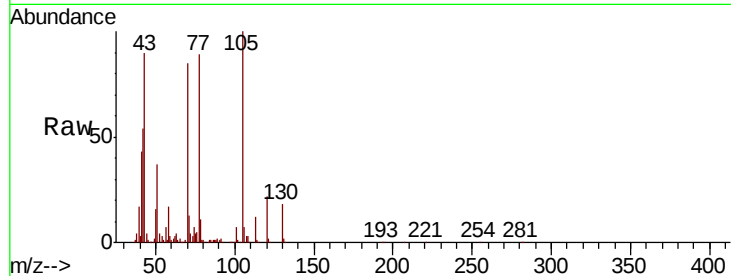
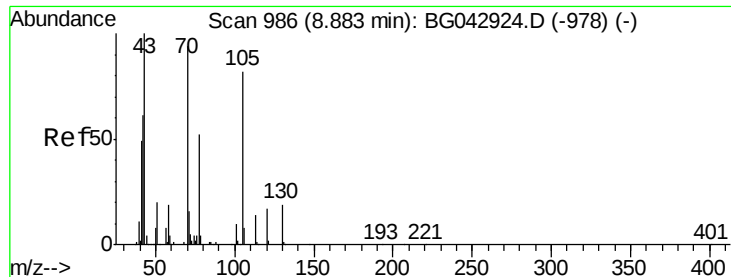


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

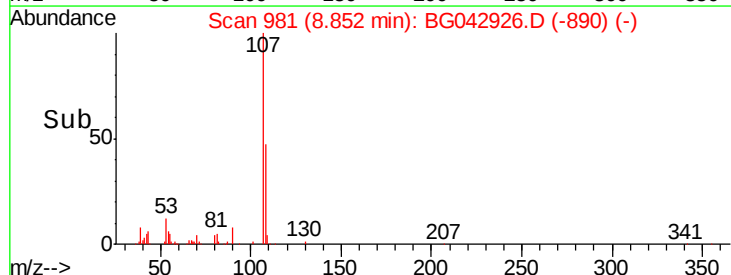
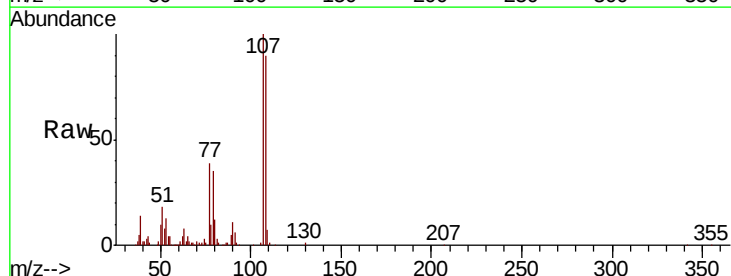
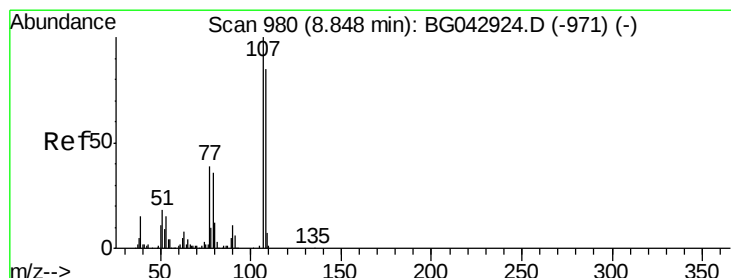
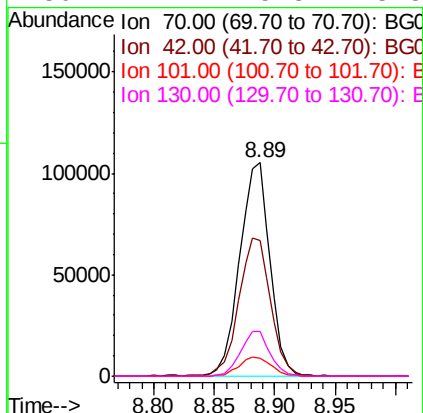




#19
n-Nitroso-di-n-propylamine
Concen: 56.302 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

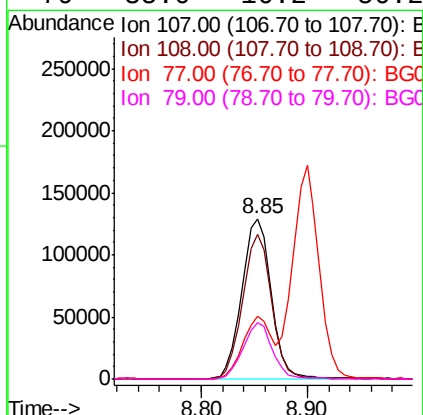
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	181927
Ion	Ratio	Lower	Upper
70	100		
42	63.7	52.6	79.0
101	8.6	8.7	13.1#
130	21.2	15.8	23.8



#20
3+4-Methylphenols
Concen: 58.412 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion:	107	Resp:	250162
Ion	Ratio	Lower	Upper
107	100		
108	90.4	64.9	104.9
77	38.9	19.4	59.4
79	35.0	16.2	56.2

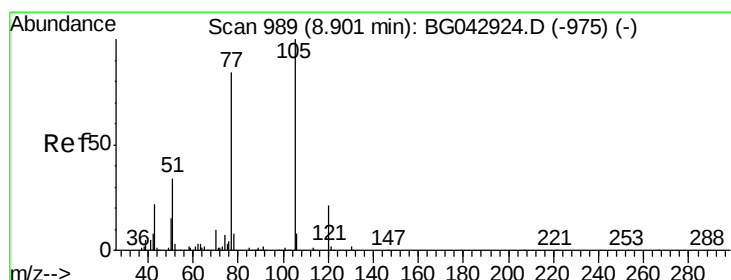
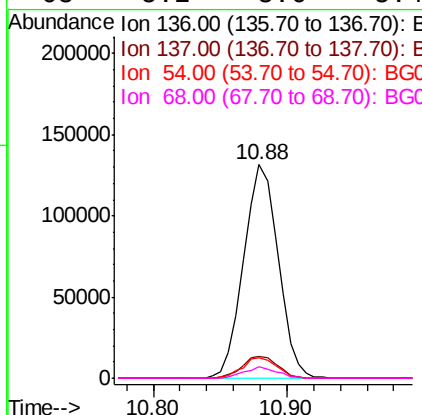
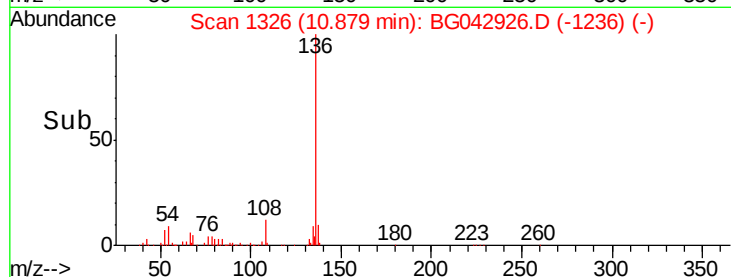
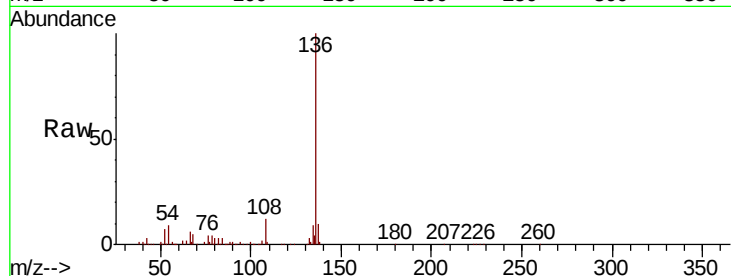




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

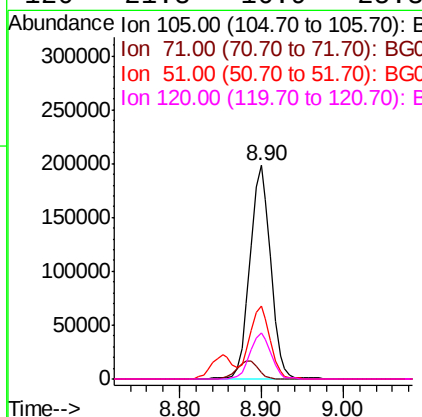
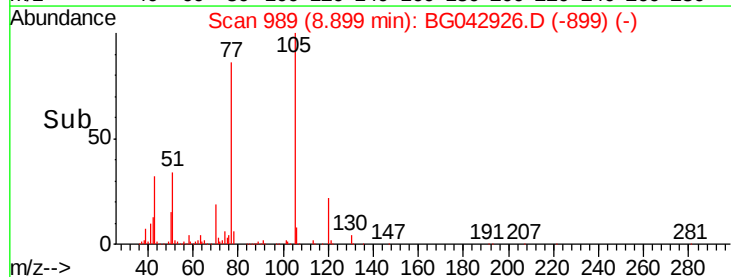
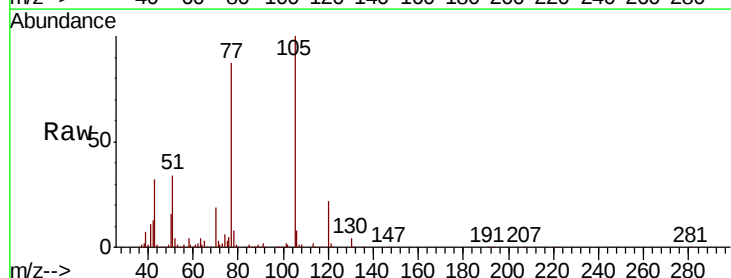
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	235477
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	9.4	7.4 11.2
68	5.2	3.6 5.4



#22
Acetophenone
Concen: 57.162 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion:105	Resp:	351163
Ion Ratio	Lower	Upper
105	100	
71	2.8	1.2 1.8#
51	34.3	27.2 40.8
120	21.8	16.9 25.3





#23

Nitrobenzene-d5

Concen: 117.485 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

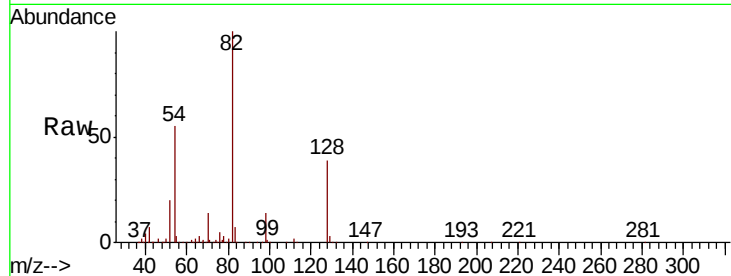
Tot Ion: 82 Resp: 567113

Ion Ratio Lower Upper

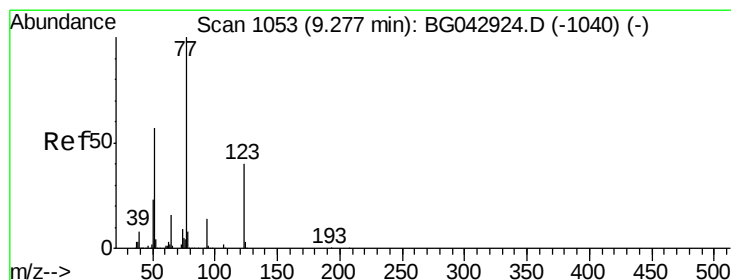
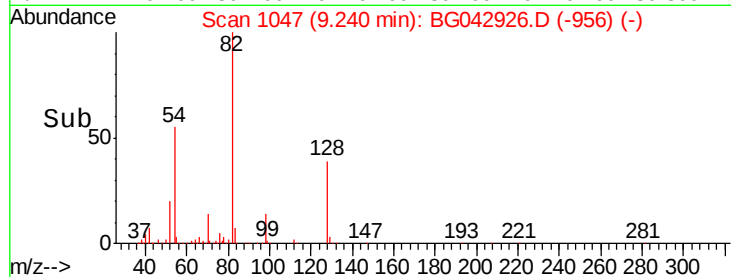
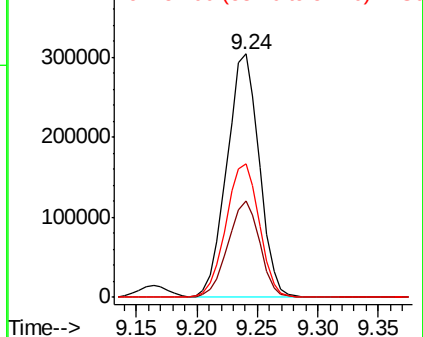
82 100

128 39.4 29.5 44.3

54 54.6 44.6 67.0



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



#24

Nitrobenzene

Concen: 58.395 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

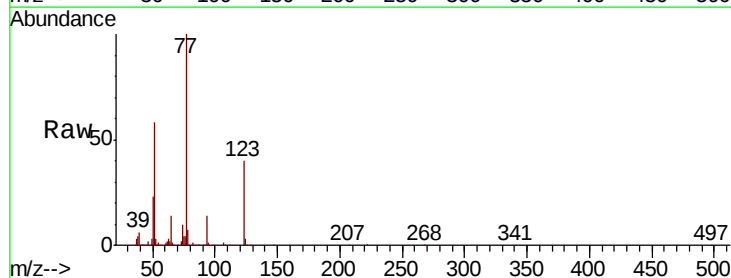
Tgt Ion: 77 Resp: 273090

Ion Ratio Lower Upper

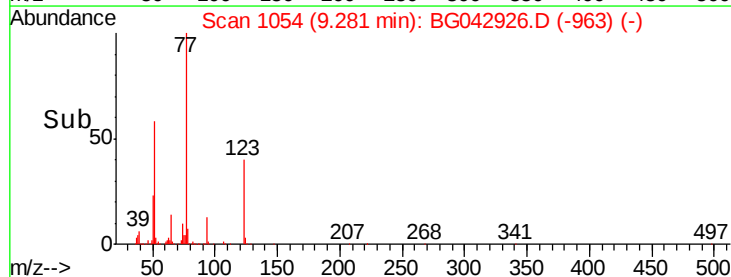
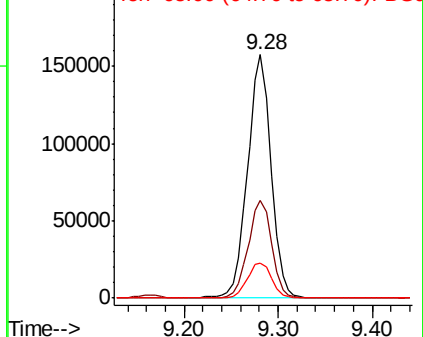
77 100

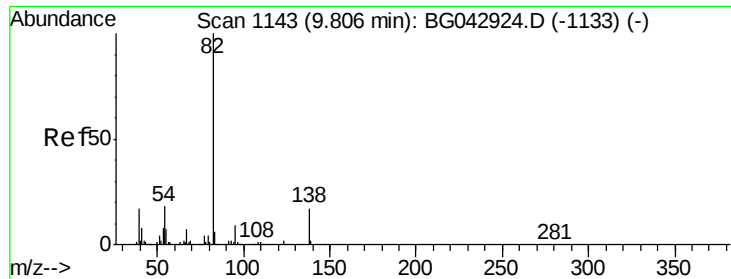
123 40.1 31.9 47.9

65 14.2 12.4 18.6



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





#25

Isophorone

Concen: 57.224 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

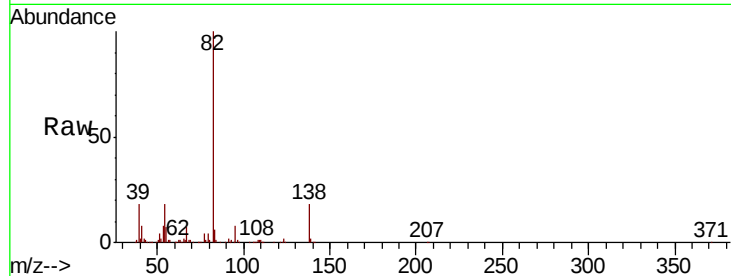
Tot Ion: 82 Resp: 493518

Ion Ratio Lower Upper

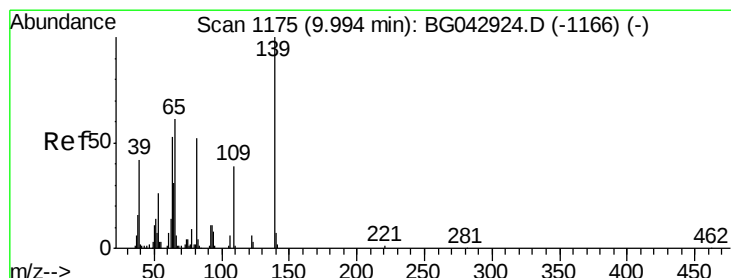
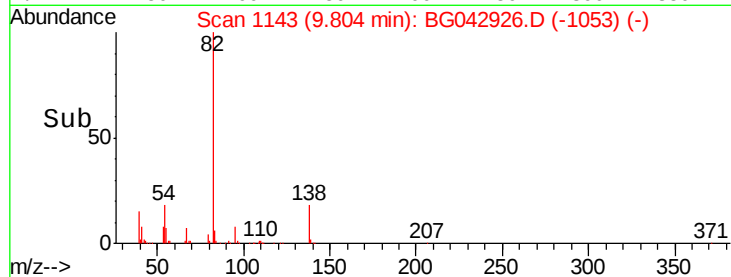
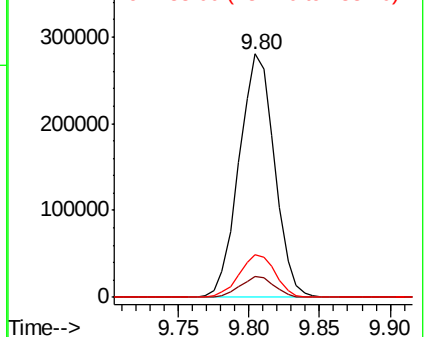
82 100

95 8.4 7.0 10.4

138 17.8 13.8 20.6



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



#26

2-Nitrophenol

Concen: 61.328 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

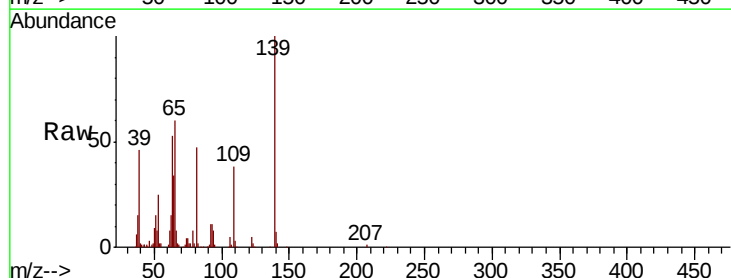
Tgt Ion: 139 Resp: 118239

Ion Ratio Lower Upper

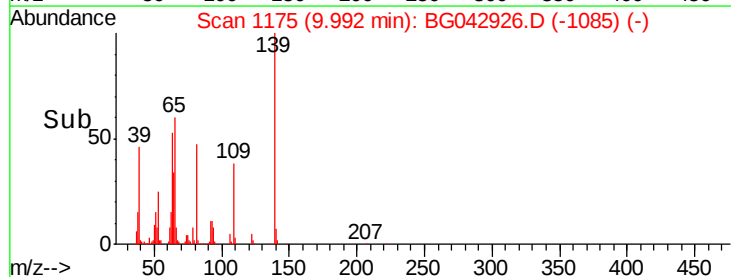
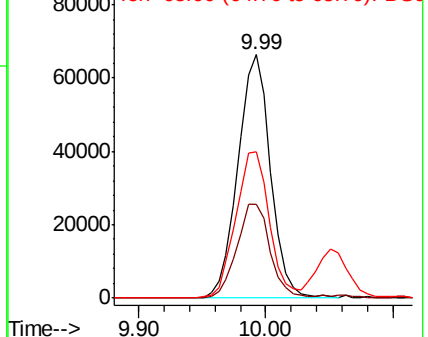
139 100

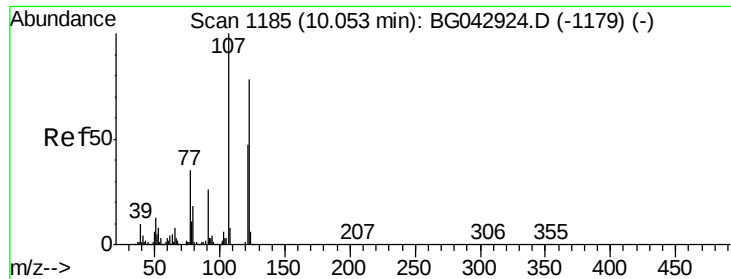
109 38.3 31.0 46.6

65 60.2 48.4 72.6



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

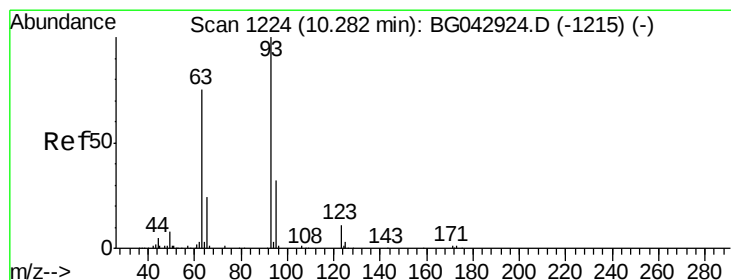
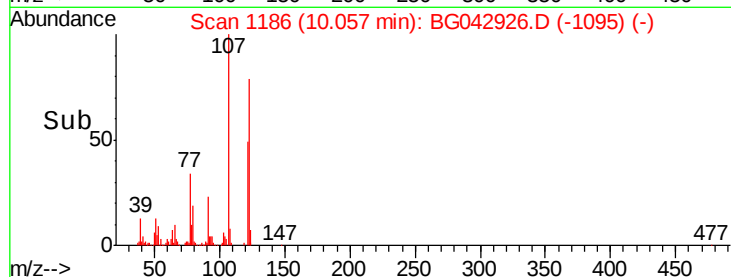
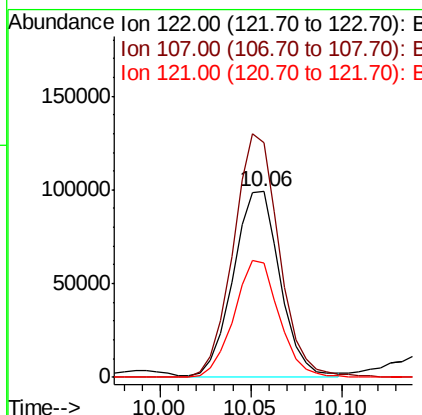
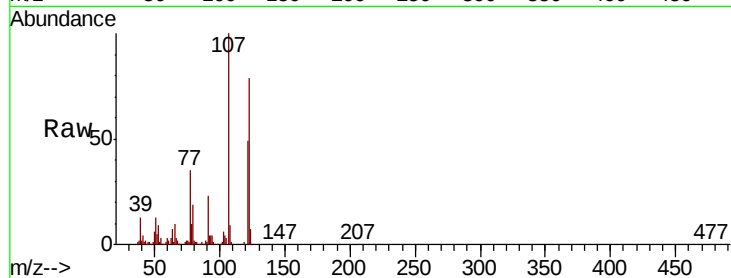




#27
2,4-Dimethylphenol
Concen: 58.672 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

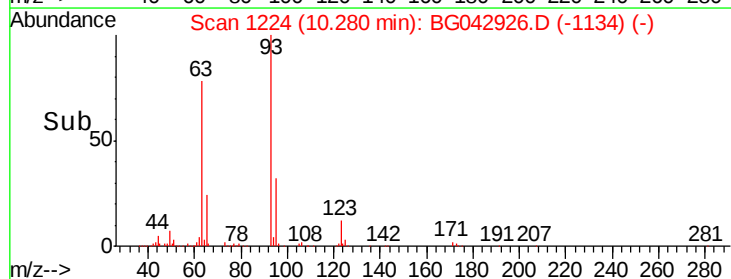
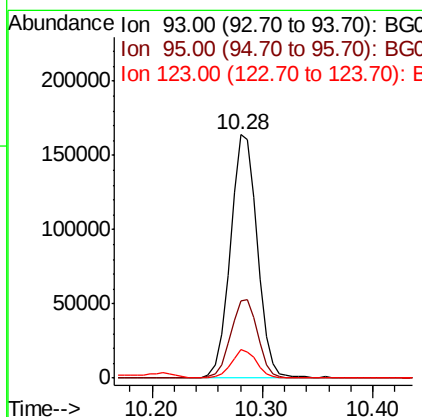
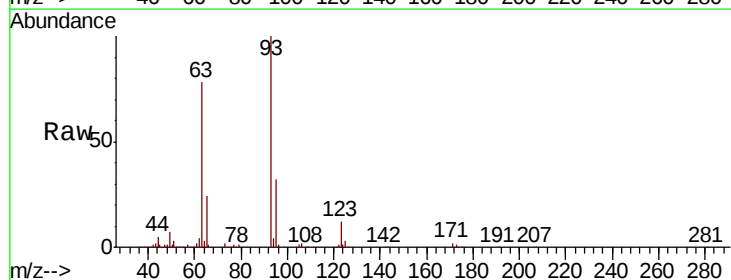
Instrument :
BNA_G
ClientSampleId :

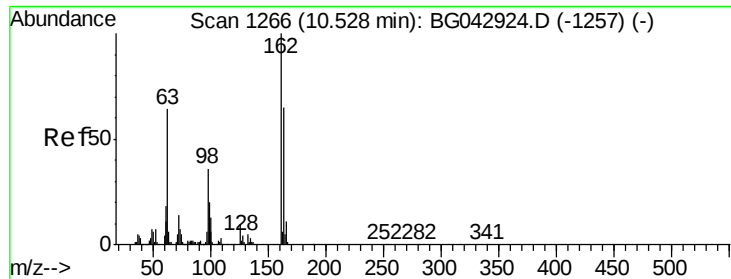
Tot Ion:122 Resp: 176691
Ion Ratio Lower Upper
122 100
107 126.2 102.2 153.2
121 61.8 48.5 72.7



#28
bis(2-Chloroethoxy)methane
Concen: 56.515 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion: 93 Resp: 281289
Ion Ratio Lower Upper
93 100
95 32.0 25.4 38.0
123 11.8 9.3 13.9

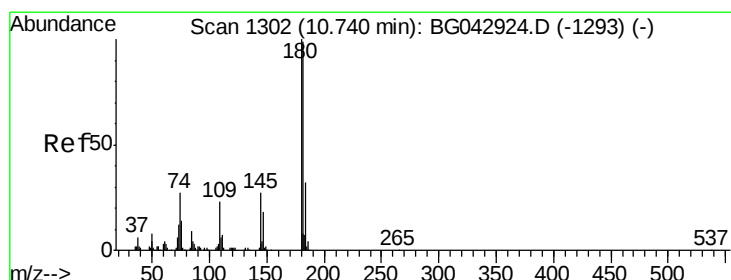
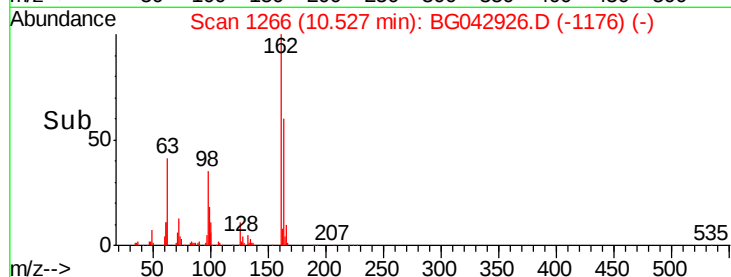
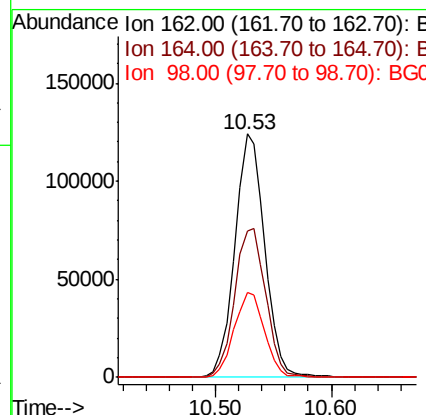
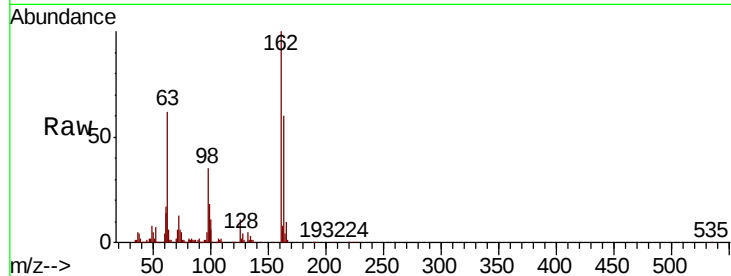




#29
 2,4-Dichlorophenol
 Concen: 60.679 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

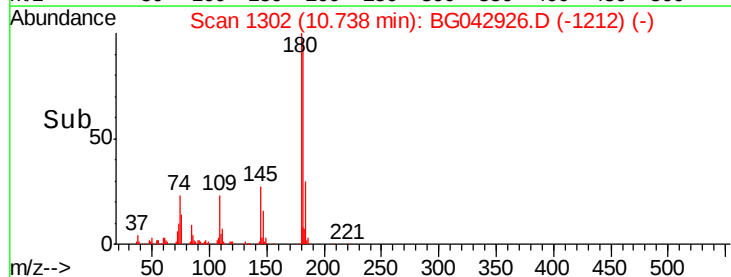
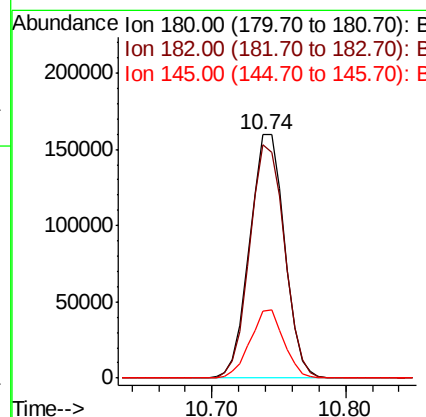
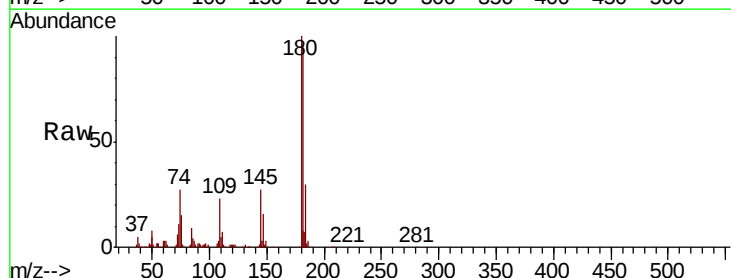
Instrument :
 BNA_G
 ClientSampleId :

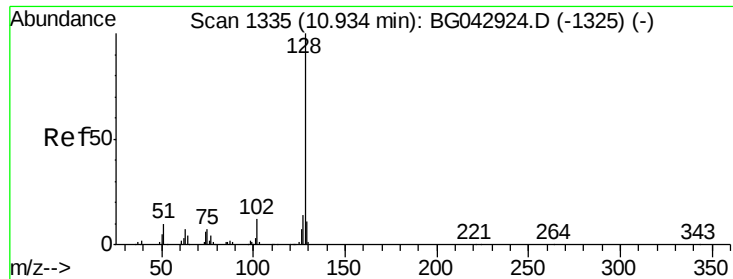
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.9	44.7	84.7
98	35.1	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 61.319 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	79.3	118.9
145	27.3	22.0	33.0

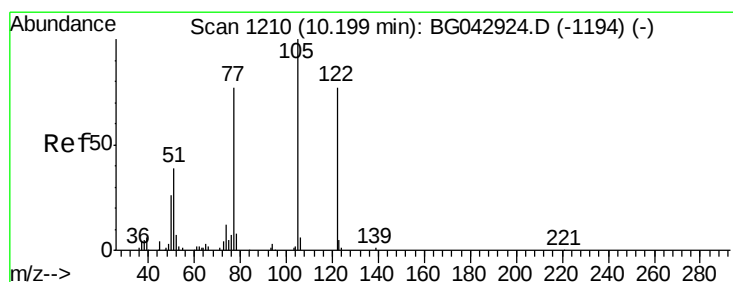
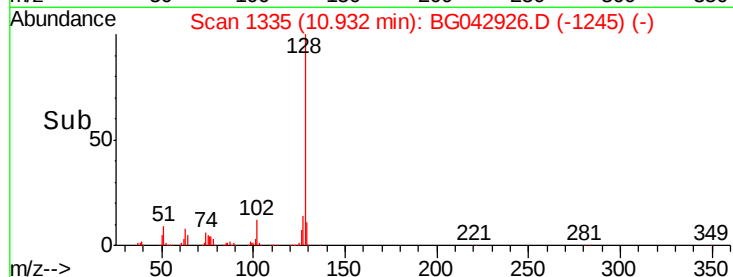
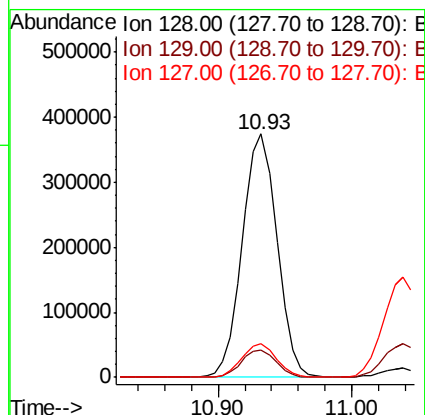
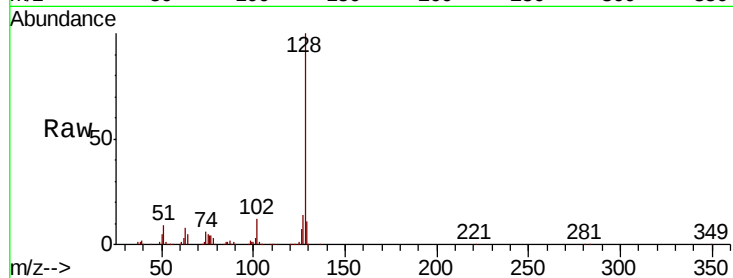




#31
Naphthalene
Concen: 58.397 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

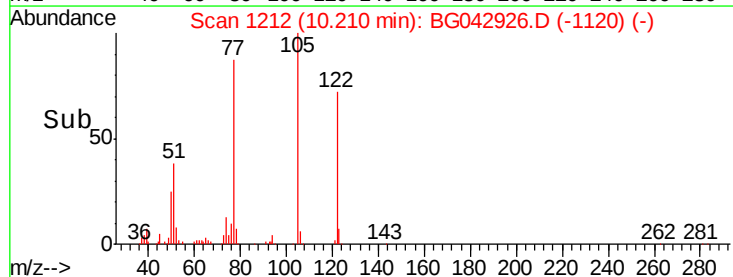
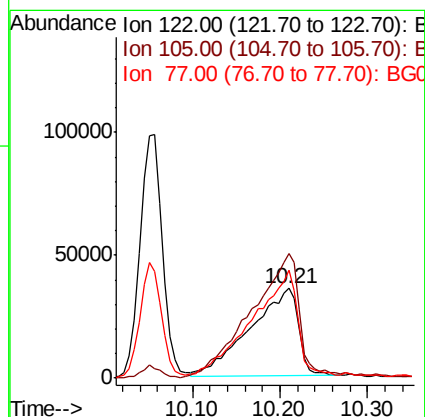
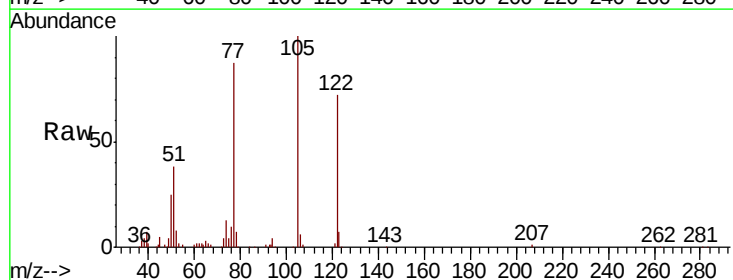
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 672181
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 11.3 16.9



#32
Benzoic acid
Concen: 58.398 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion:122 Resp: 136515
Ion Ratio Lower Upper
122 100
105 138.8 107.5 147.5
77 121.0 79.8 119.8#

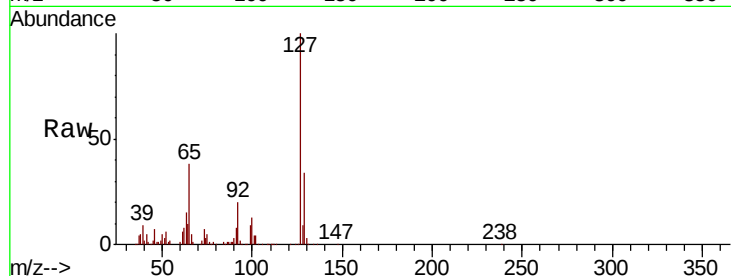




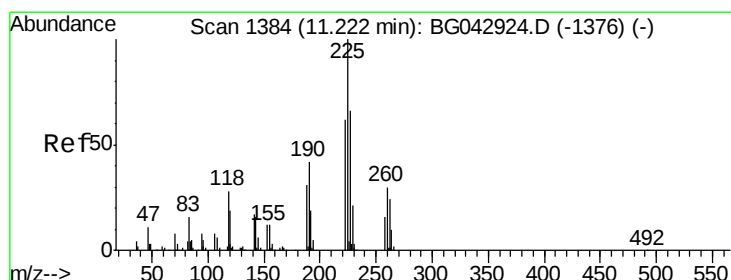
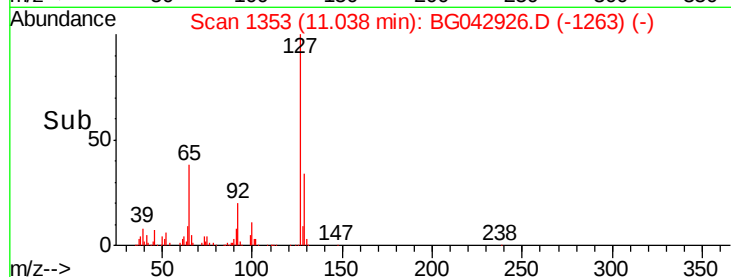
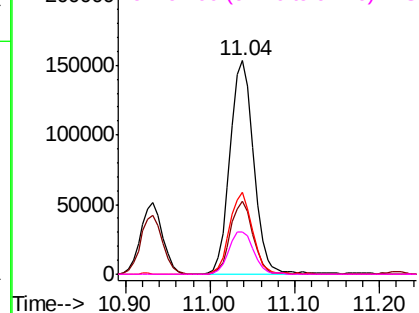
#33
4-Chloroaniline
Concen: 57.787 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	296215
Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.2	39.2
65	38.4	30.6	45.8
92	19.9	16.2	24.4

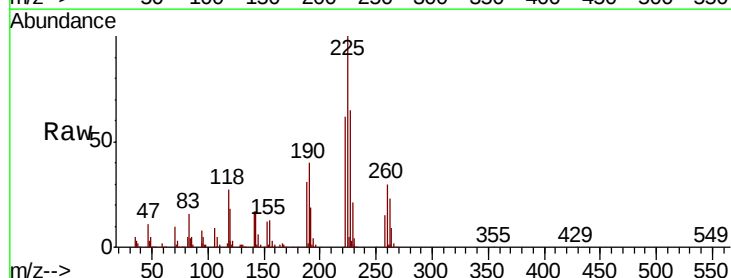


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

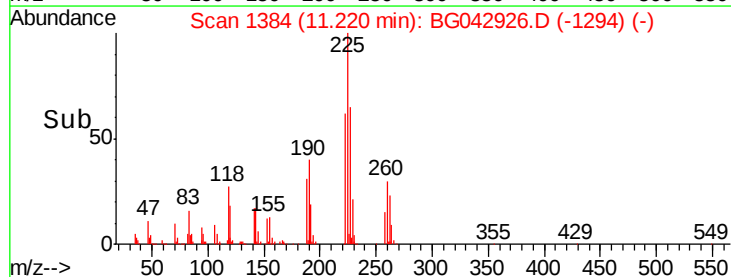
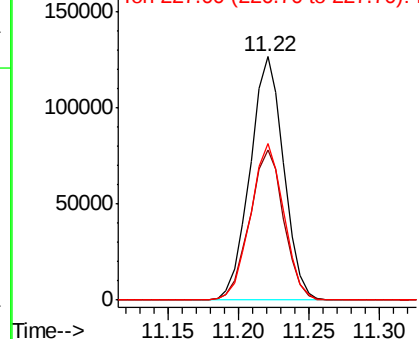


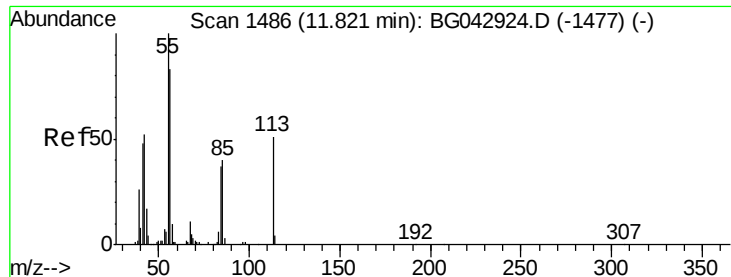
#34
Hexachlorobutadiene
Concen: 62.611 ng
RT: 11.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion:	225	Resp:	211936
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.3	73.9
227	64.5	52.8	79.2



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: 57.235 ng

RT: 11.83 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampled :

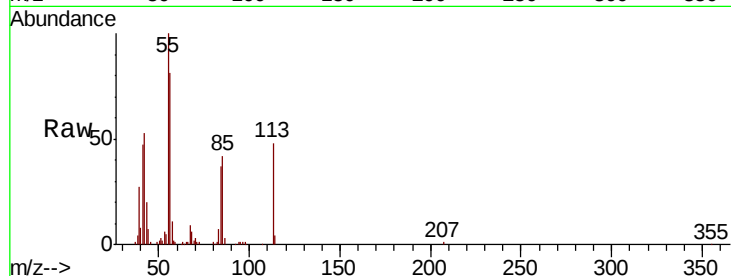
Tot Ion:113 Resp: 75742

Ion Ratio Lower Upper

113 100

55 206.6 175.5 215.5

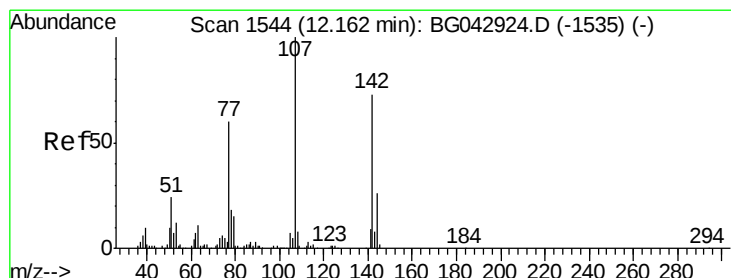
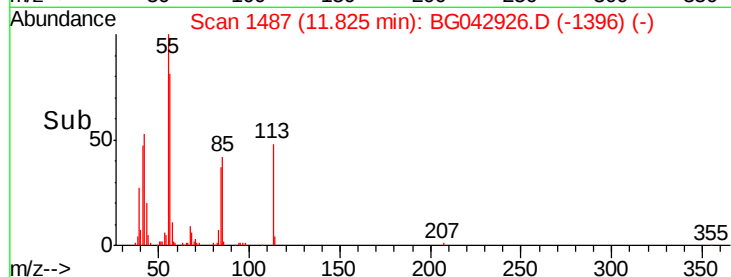
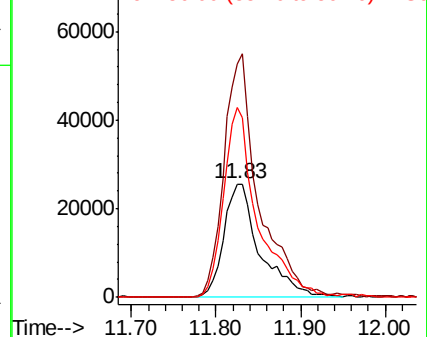
56 168.2 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 58.572 ng

RT: 12.16 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

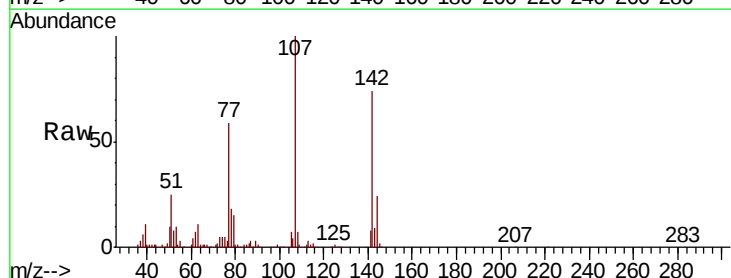
Tgt Ion:107 Resp: 237946

Ion Ratio Lower Upper

107 100

144 24.4 20.7 31.1

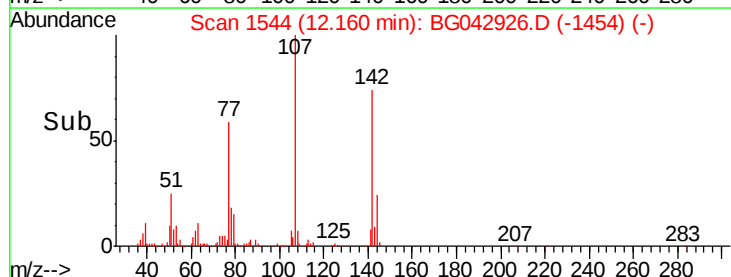
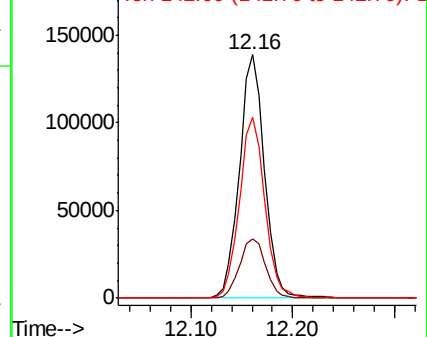
142 74.3 58.6 87.8

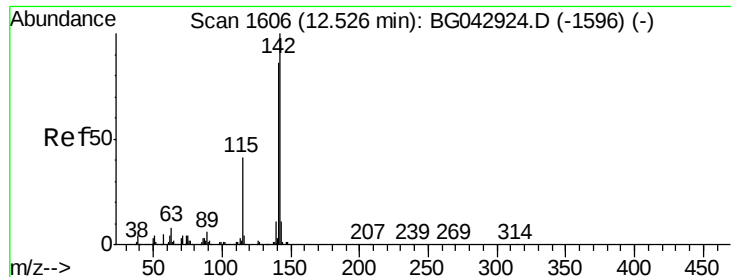


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

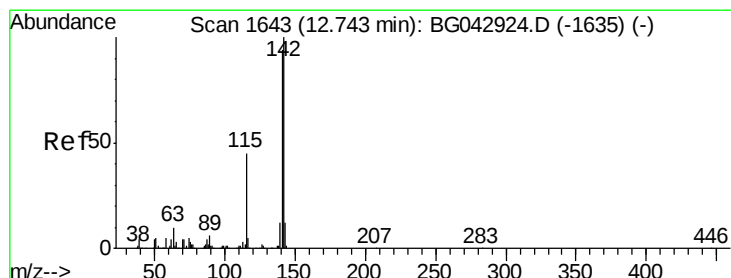
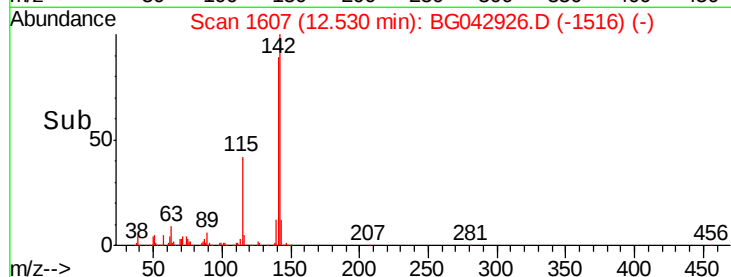
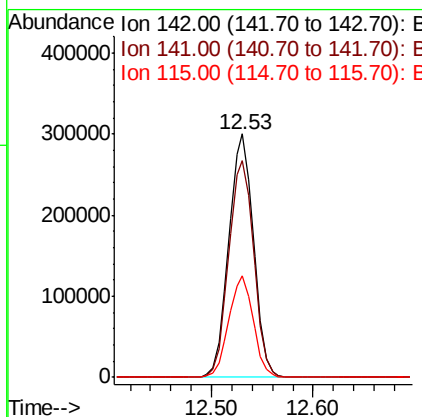
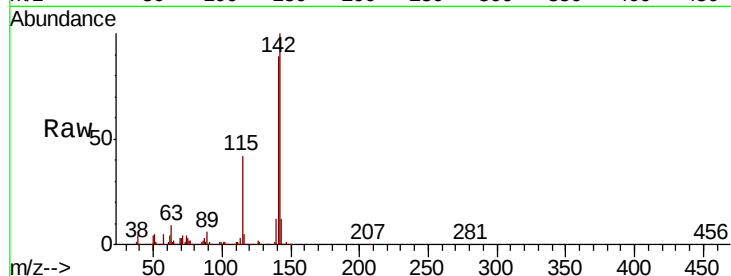




#37
 2-Methylnaphthalene
 Concen: 57.837 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

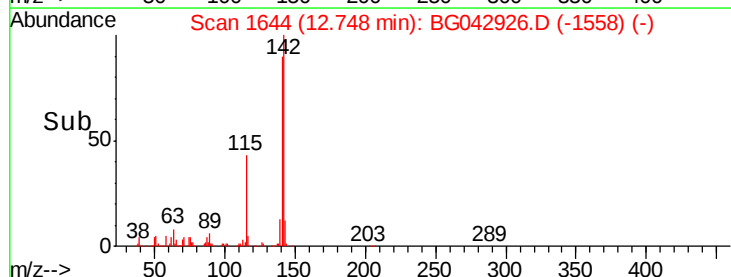
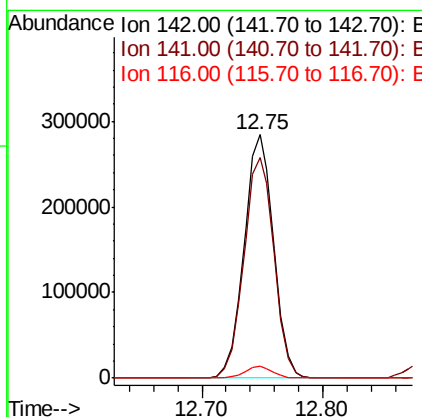
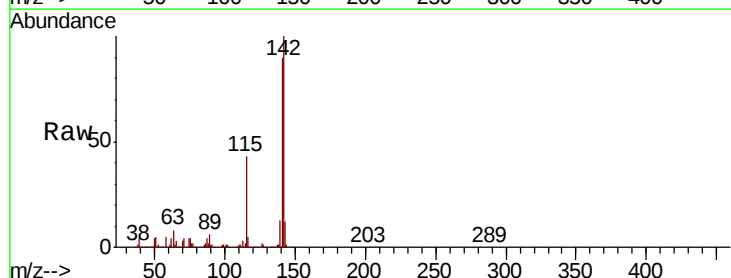
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.0	103.4
115	41.7	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 58.255 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.9	112.3
116	4.9	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

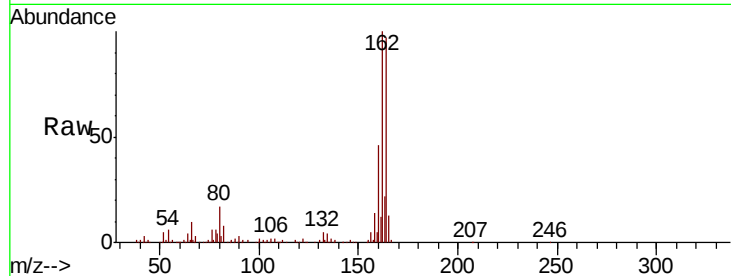
Tot Ion:164 Resp: 162902

Ion Ratio Lower Upper

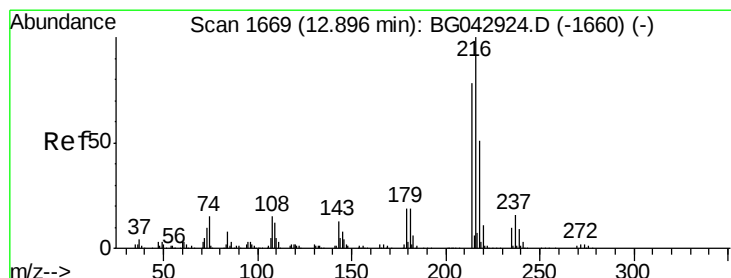
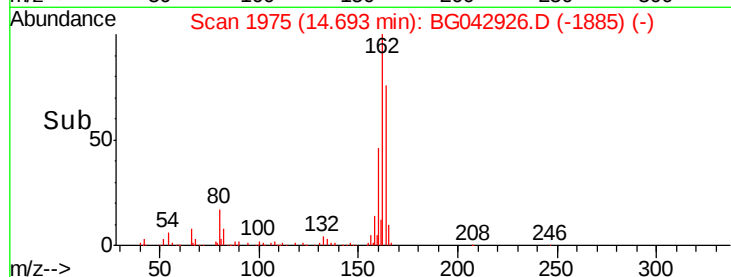
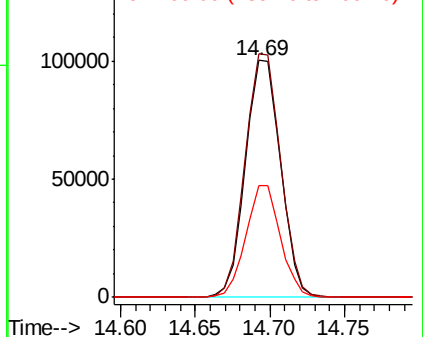
164 100

162 102.8 78.5 117.7

160 47.3 35.9 53.9



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: 59.242 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Tgt Ion:216 Resp: 357202

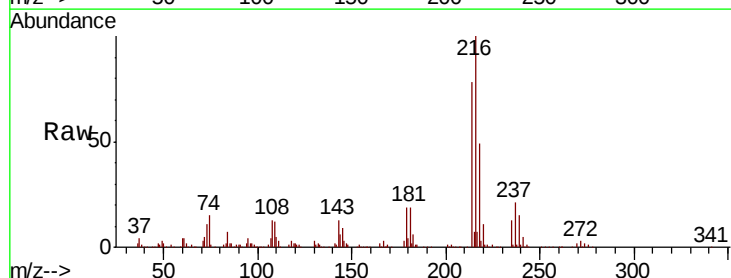
Ion Ratio Lower Upper

216 100

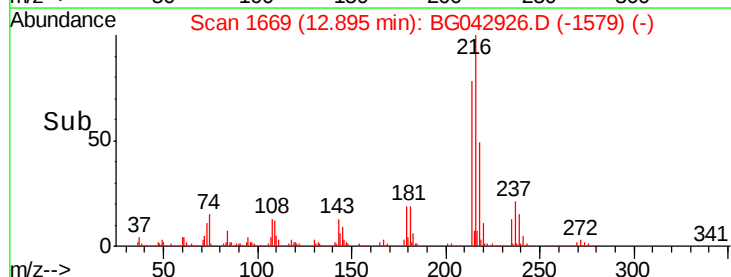
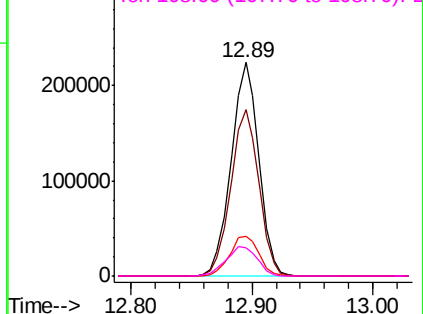
214 78.9 62.4 93.6

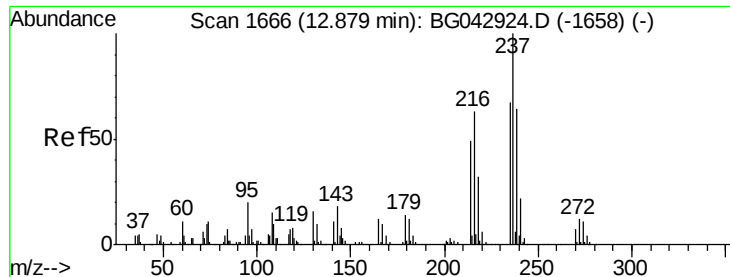
179 19.8 15.4 23.2

108 15.5 12.6 19.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 64.507 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

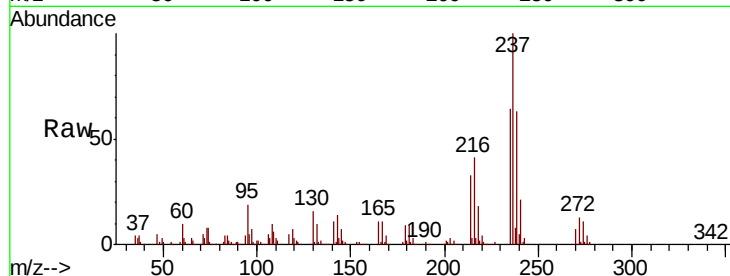
Tot Ion:237 Resp: 238443

Ion Ratio Lower Upper

237 100

235 63.5 46.7 86.7

272 13.1 0.0 32.3

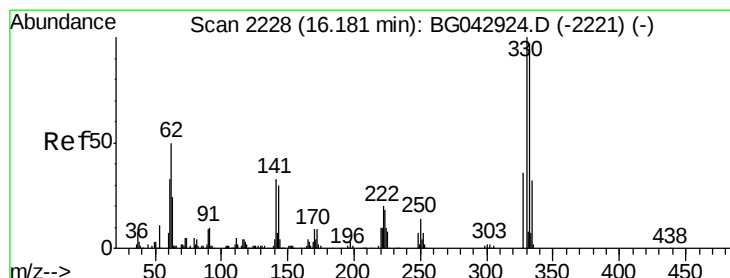
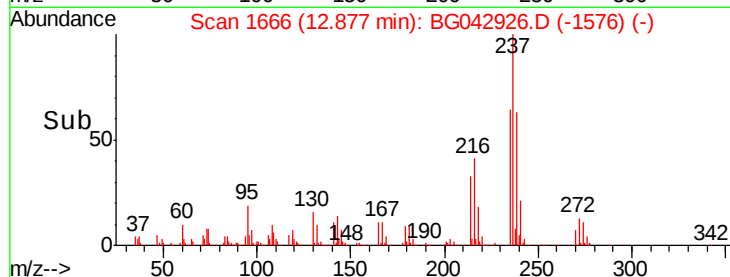
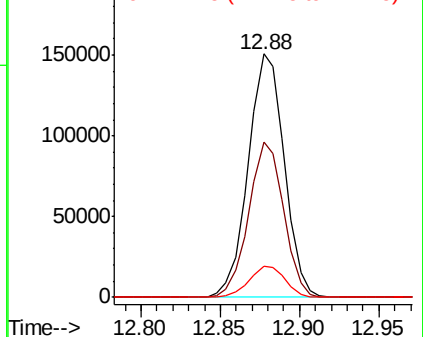


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.054 ng

RT: 16.19 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

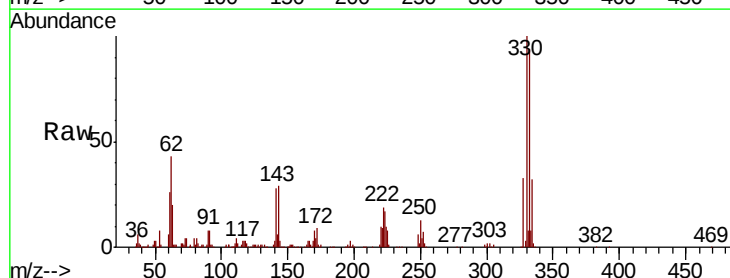
Tgt Ion:330 Resp: 331547

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

141 31.4 26.0 39.0

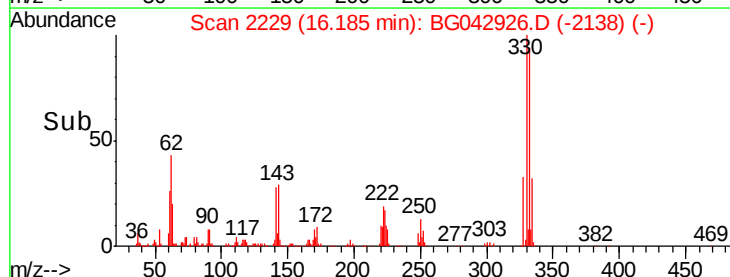
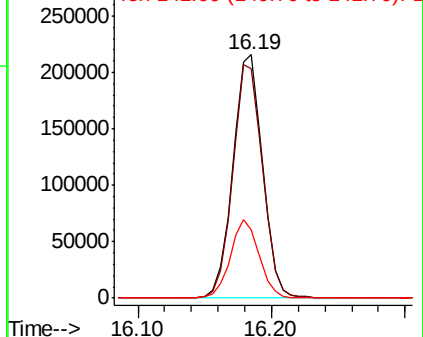


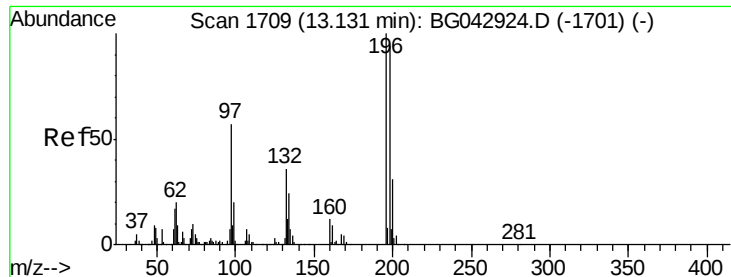
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

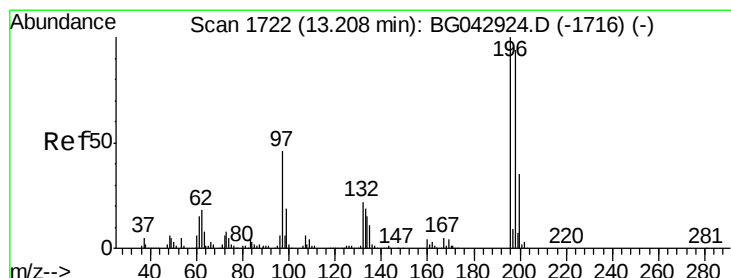
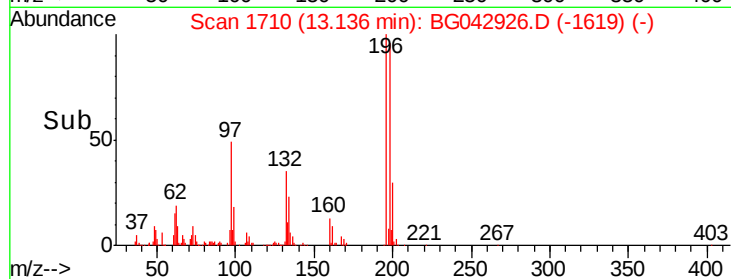
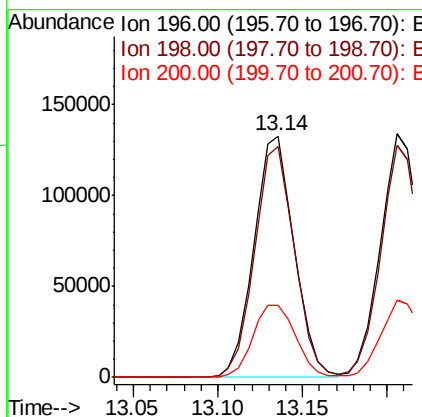
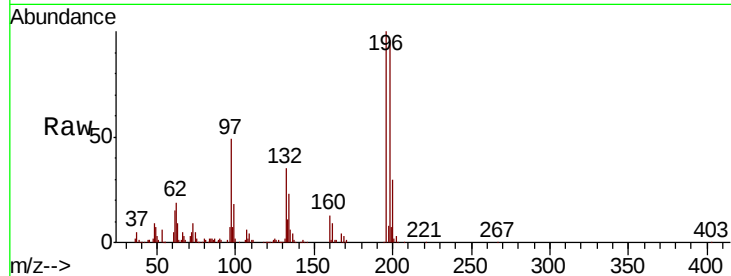




#43
 2,4,6-Trichlorophenol
 Concen: 61.871 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

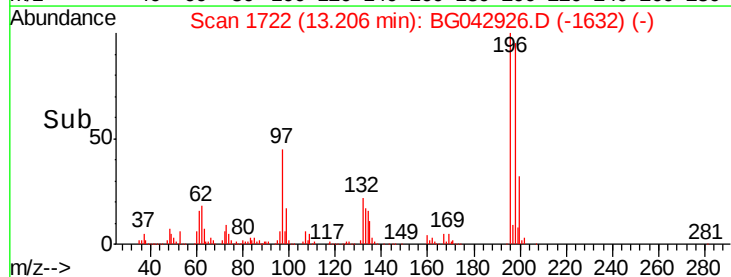
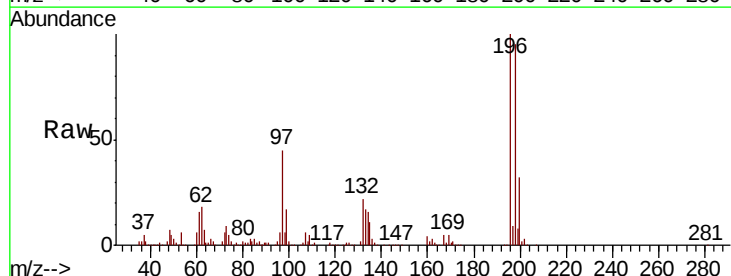
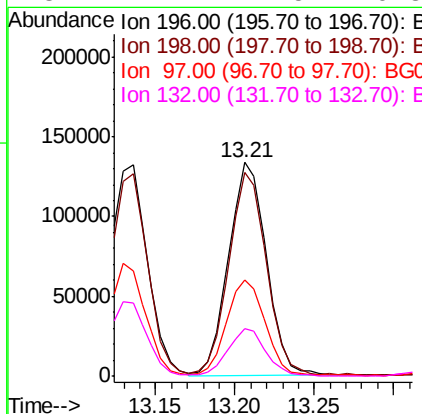
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.5	113.3
200	30.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 60.372 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.1	112.7
97	44.9	37.0	55.4
132	22.1	17.5	26.3

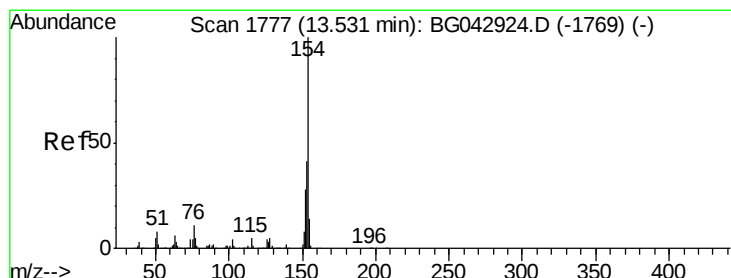
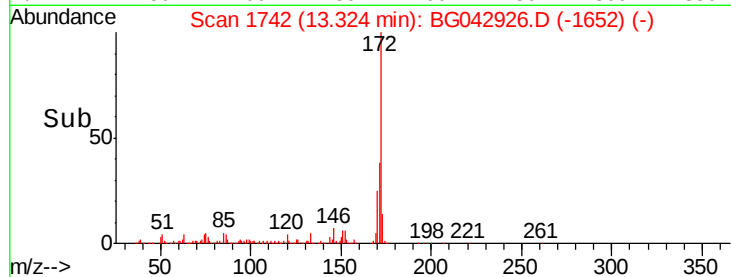
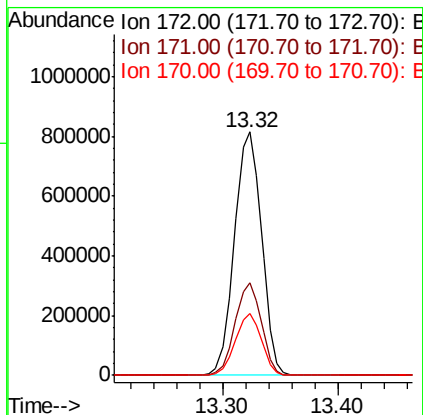
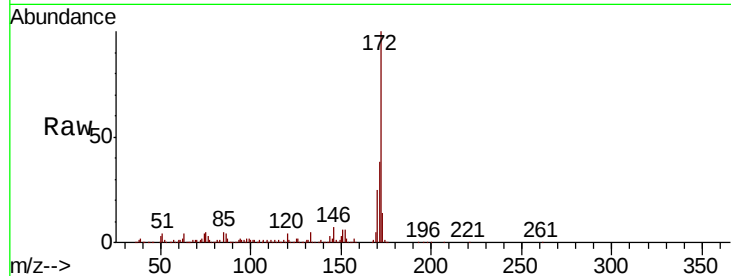




#45
2-Fluorobiphenyl
Concen: 119.393 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

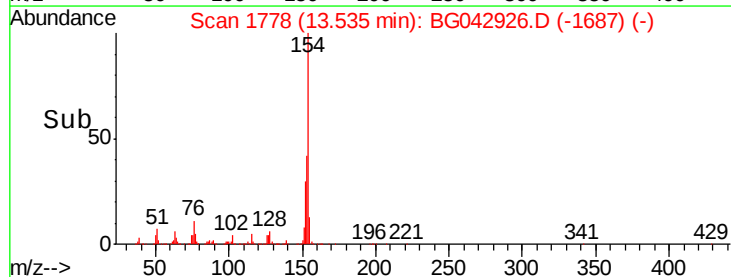
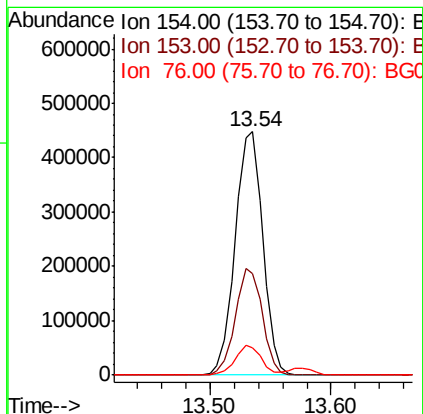
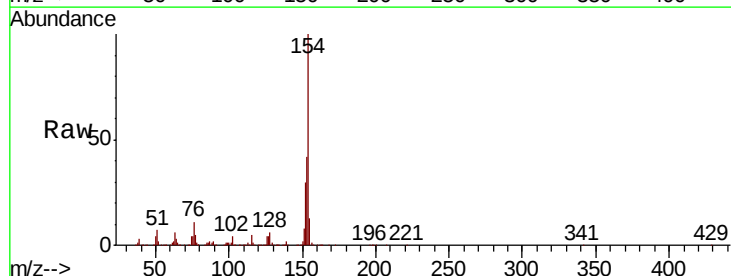
Instrument :
BNA_G
ClientSampleId :

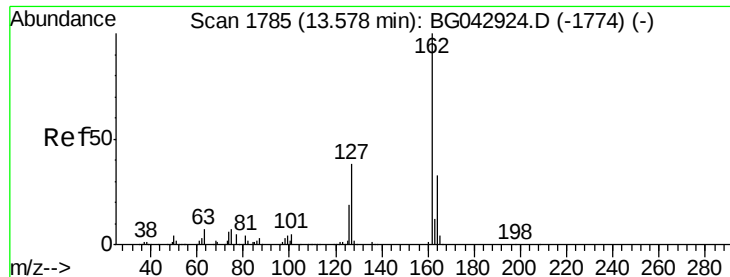
Tot Ion:172 Resp: 1325681
Ion Ratio Lower Upper
172 100
171 38.2 29.6 44.4
170 25.4 19.6 29.4



#46
1,1'-Biphenyl
Concen: 57.808 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion:154 Resp: 717743
Ion Ratio Lower Upper
154 100
153 41.8 21.4 61.4
76 11.3 0.0 31.3

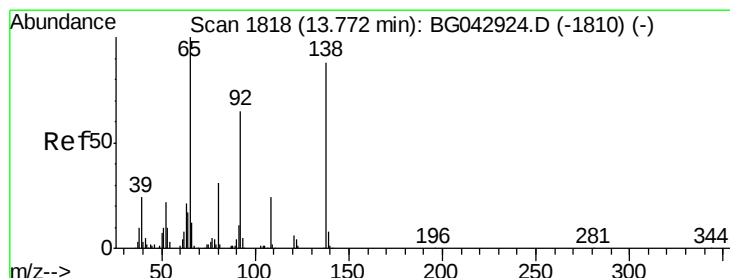
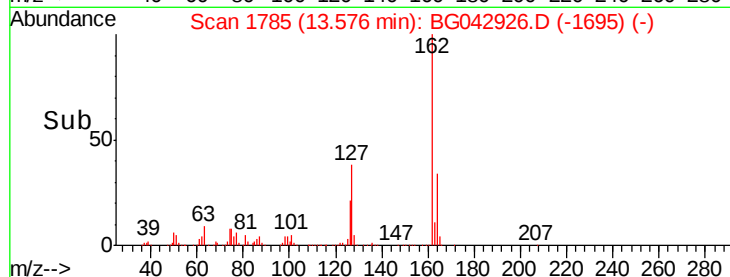
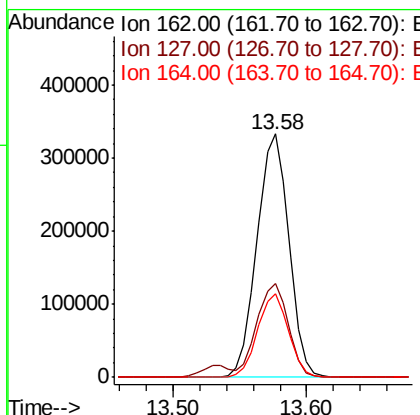
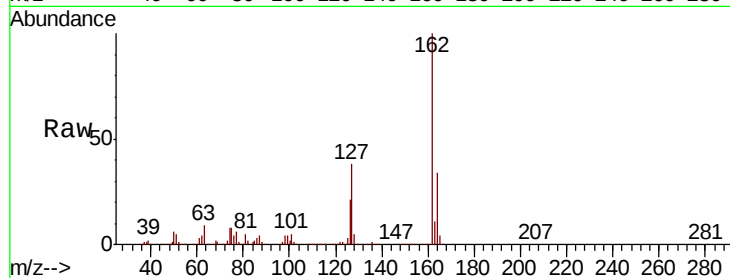




#47
 2-Chloronaphthalene
 Concen: 58.641 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

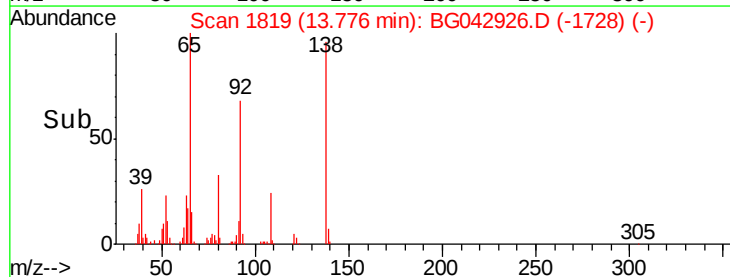
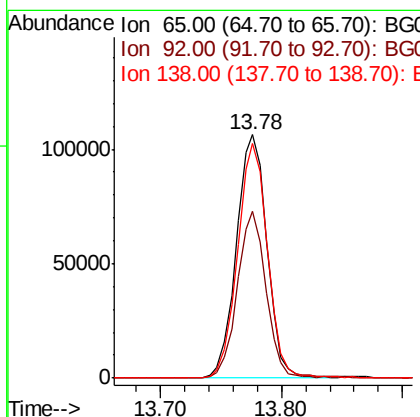
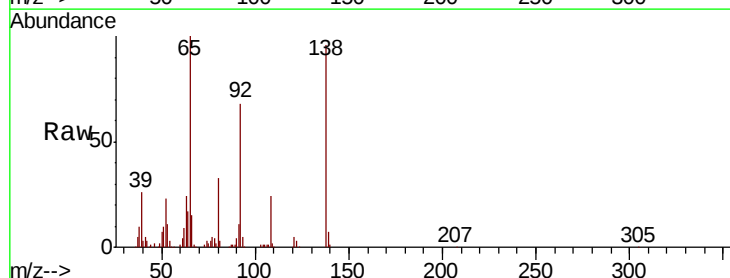
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	34.2	26.2	39.2



#48
 2-Nitroaniline
 Concen: 59.745 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.0	78.0
138	96.5	70.4	105.6





#49

Acenaphthylene

Concen: 59.760 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

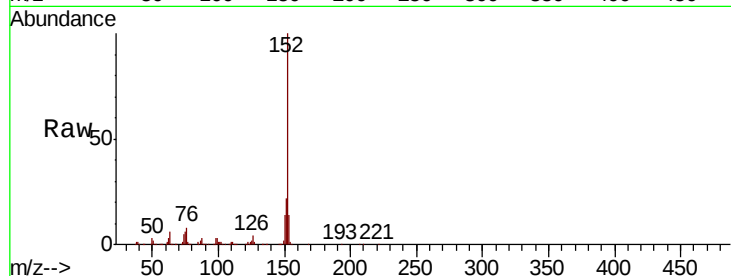
Tot Ion:152 Resp: 846461

Ion Ratio Lower Upper

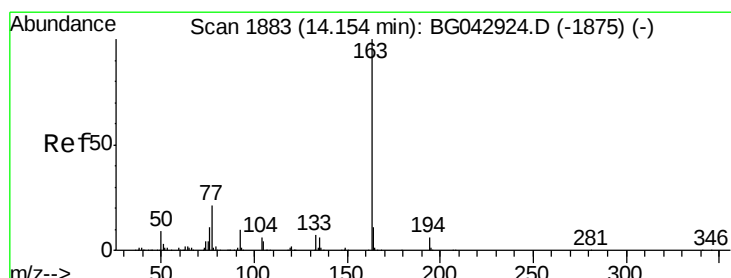
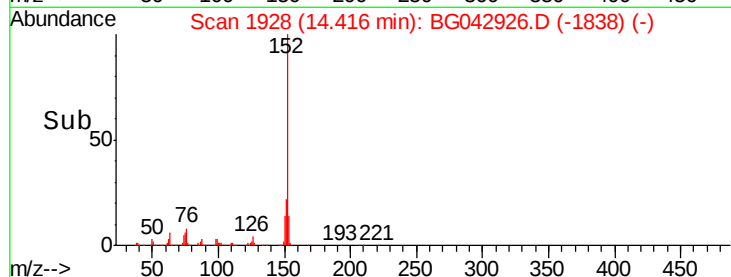
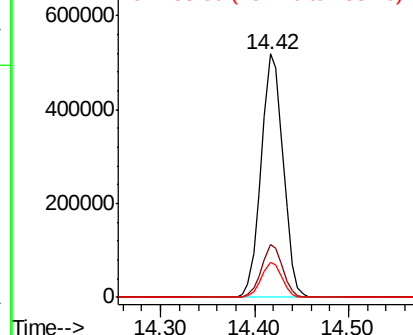
152 100

151 21.6 16.8 25.2

153 14.2 11.3 16.9



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: 60.258 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

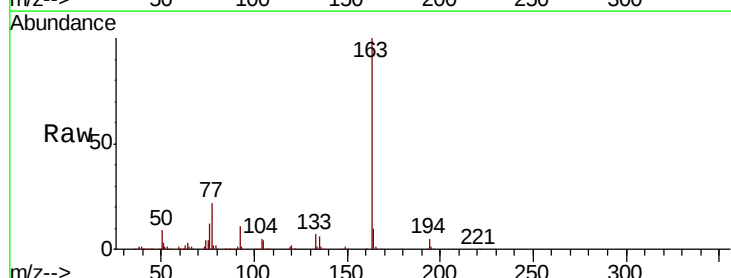
Tgt Ion:163 Resp: 718331

Ion Ratio Lower Upper

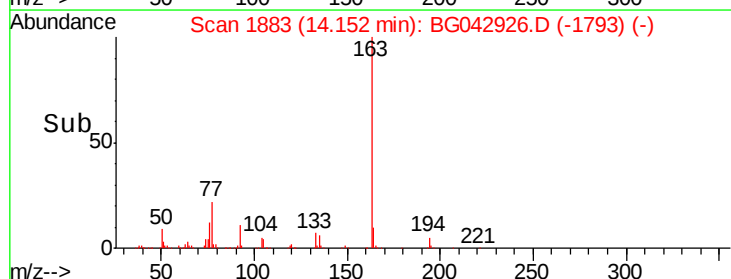
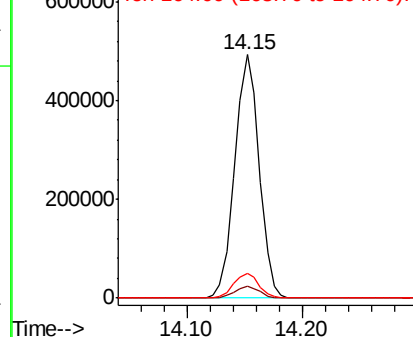
163 100

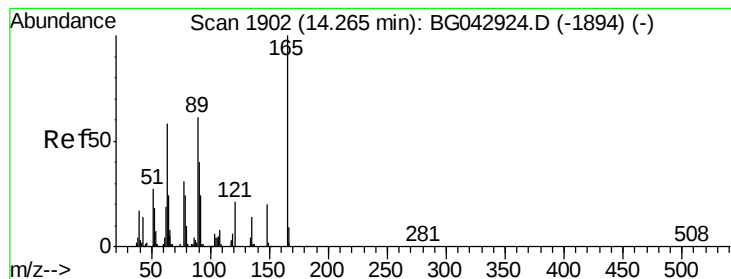
194 5.0 4.4 6.6

164 10.1 8.6 12.8



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: 61.487 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

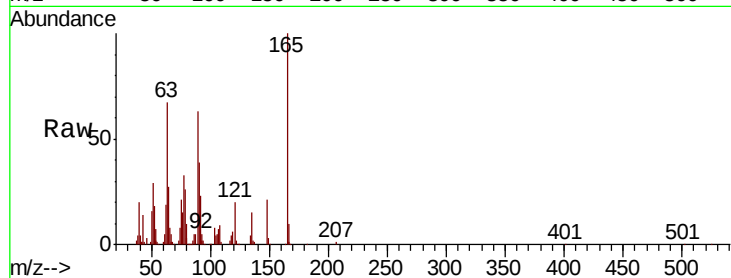
Tot Ion:165 Resp: 156124

Ion Ratio Lower Upper

165 100

63 67.1 50.3 75.5

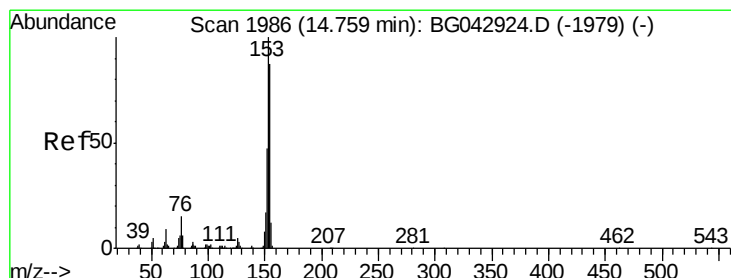
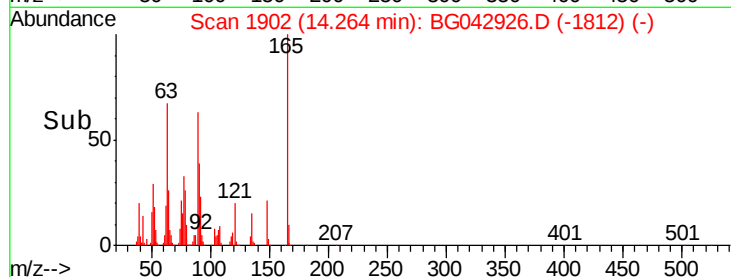
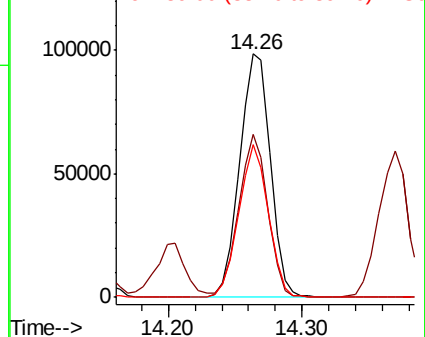
89 62.6 48.9 73.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 62.747 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

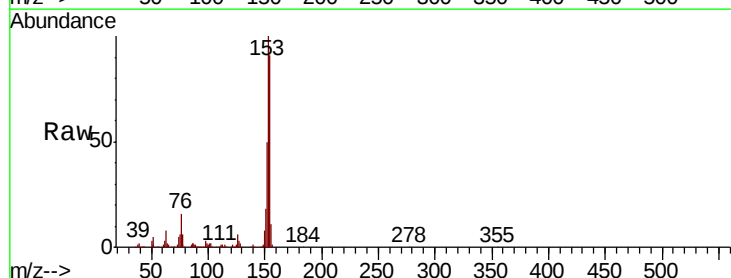
Tgt Ion:154 Resp: 588258

Ion Ratio Lower Upper

154 100

153 109.5 91.4 137.0

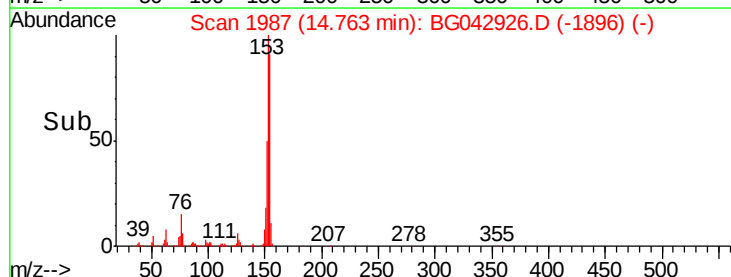
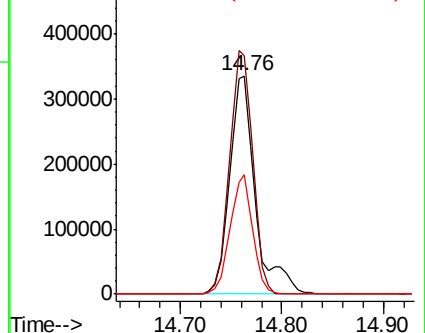
152 54.7 42.8 64.2



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: 61.340 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

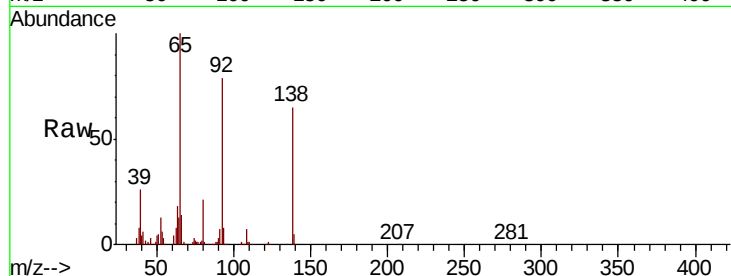
Tot Ion:138 Resp: 163702

Ion Ratio Lower Upper

138 100

108 11.4 7.9 11.9

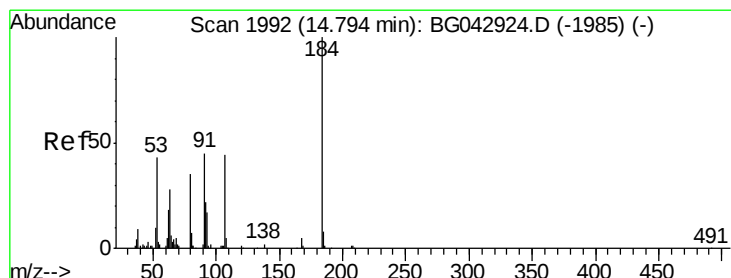
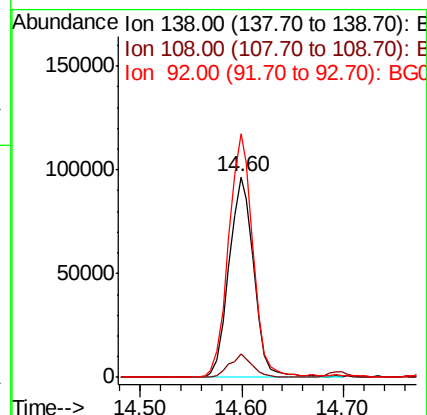
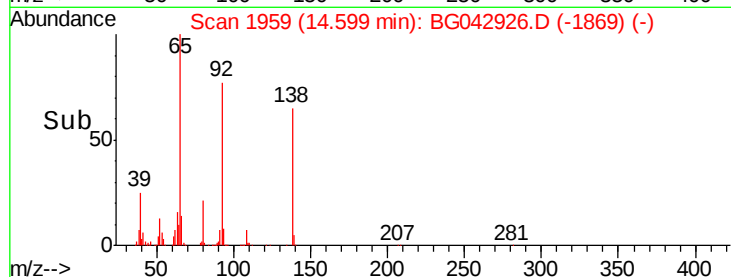
92 121.5 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 68.725 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

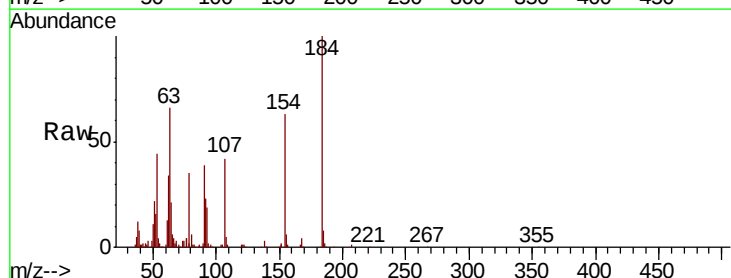
Tgt Ion:184 Resp: 102816

Ion Ratio Lower Upper

184 100

63 65.6 55.0 82.6

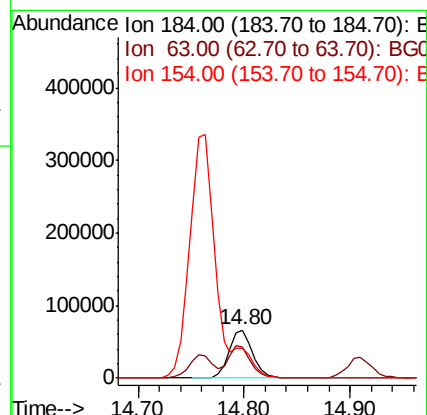
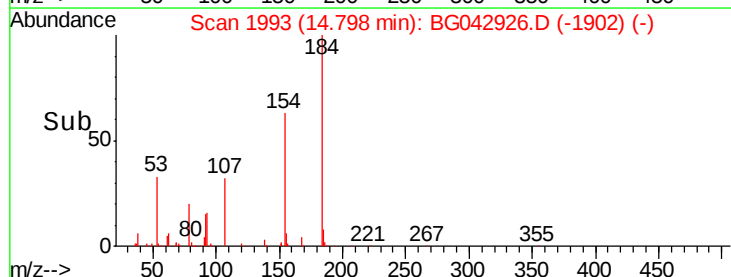
154 63.1 56.5 84.7

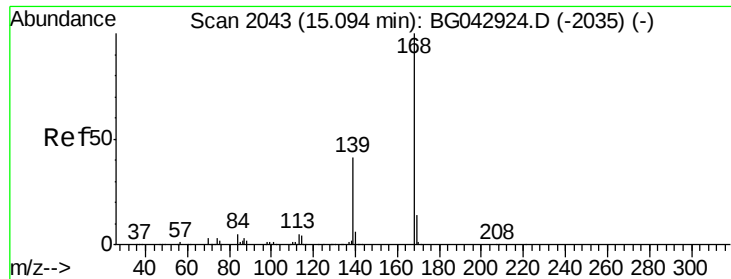


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

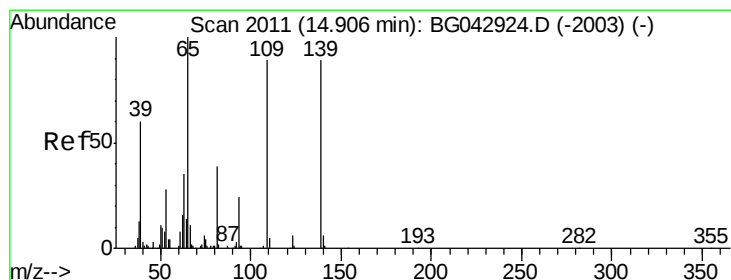
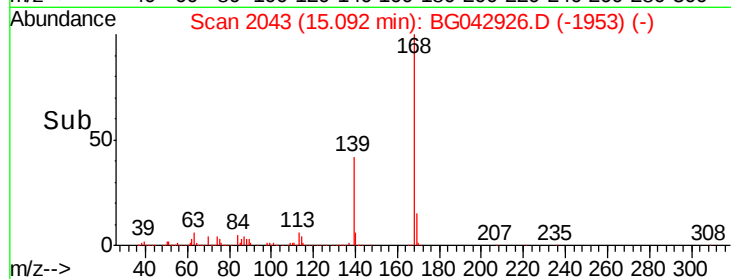
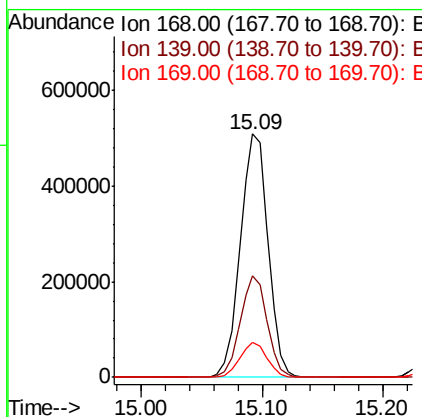
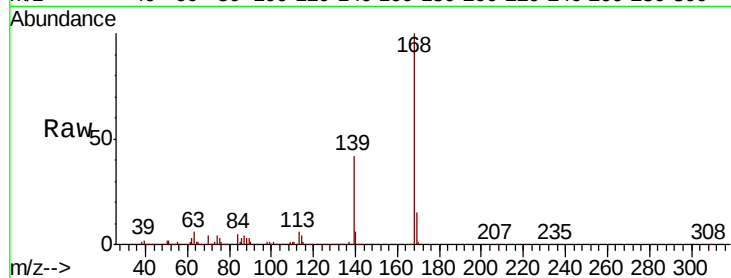




#55
Dibenzenofuran
Concen: 58.732 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

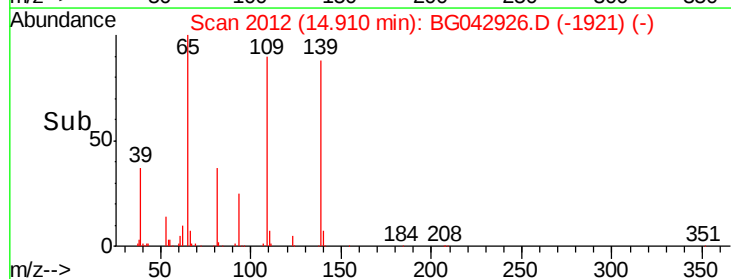
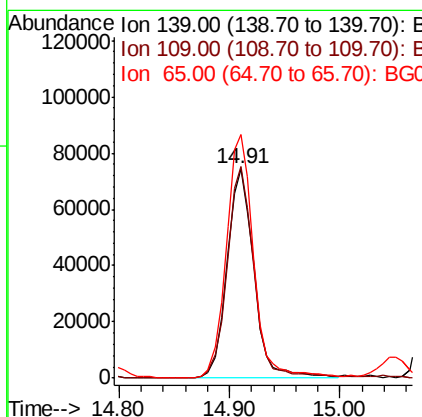
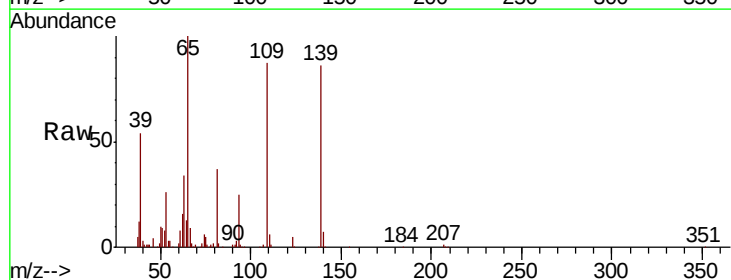
Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 816801
Ion Ratio Lower Upper
168 100
139 41.8 32.6 48.8
169 14.6 11.2 16.8



#56
4-Nitrophenol
Concen: 62.876 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion:139 Resp: 127806
Ion Ratio Lower Upper
139 100
109 101.2 79.4 119.4
65 116.1 92.5 132.5

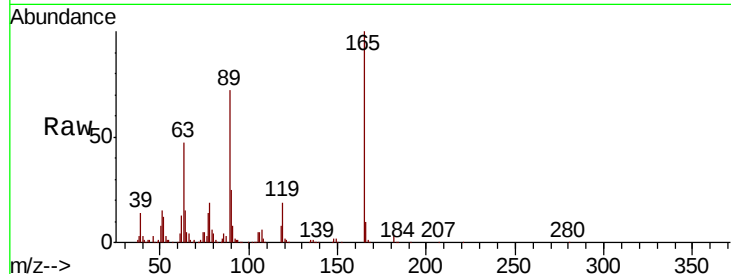




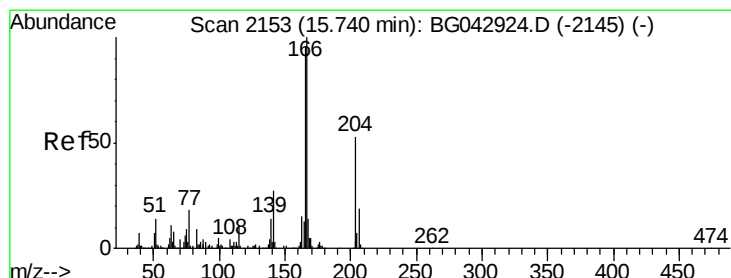
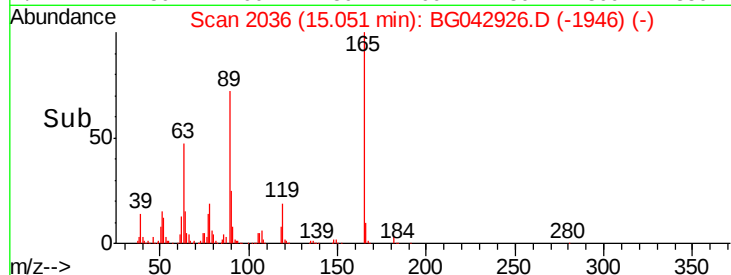
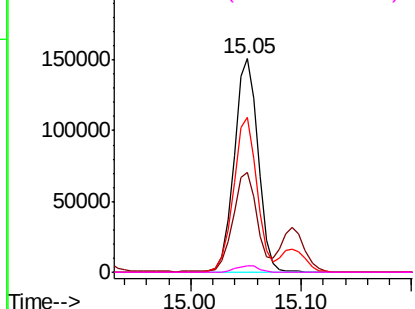
#57
 2,4-Dinitrotoluene
 Concen: 63.537 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	228965
Ion Ratio	Lower	Upper
165	100	
63	46.9	36.5 54.7
89	72.2	55.5 83.3
182	3.3	2.4 3.6

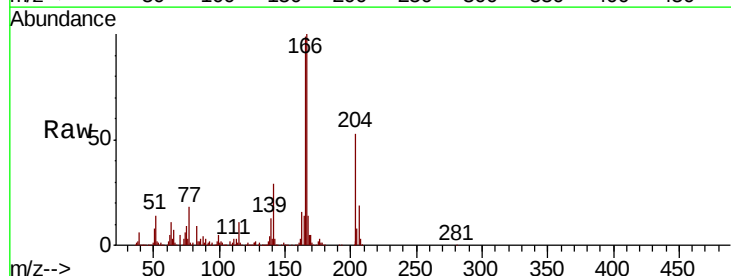


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

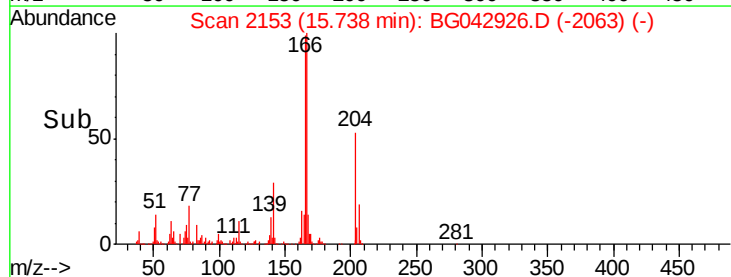
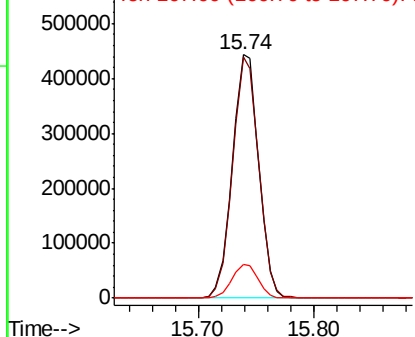


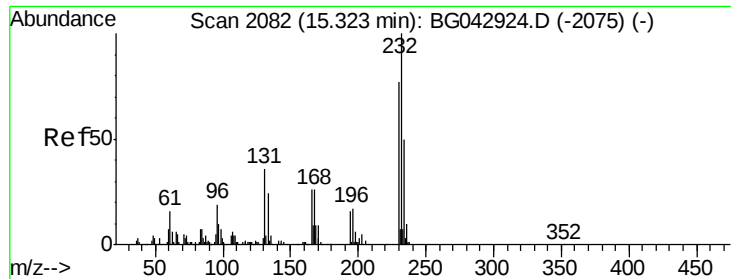
#58
 Fluorene
 Concen: 59.359 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

Tgt Ion:166	Resp:	697943
Ion Ratio	Lower	Upper
166	100	
165	99.1	77.1 115.7
167	14.0	11.0 16.6



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: 62.970 ng

RT: 15.32 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 234432

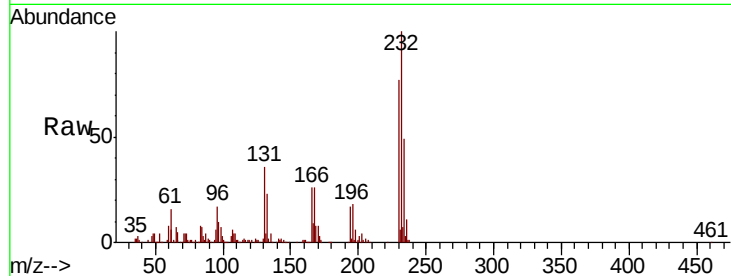
Ion Ratio Lower Upper

232 100

131 36.9 29.6 44.4

130 2.6 1.9 2.9

166 27.2 21.8 32.8

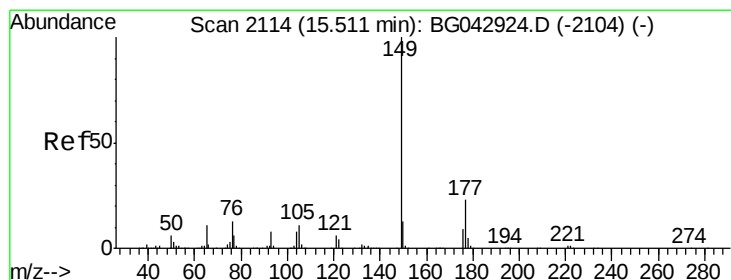
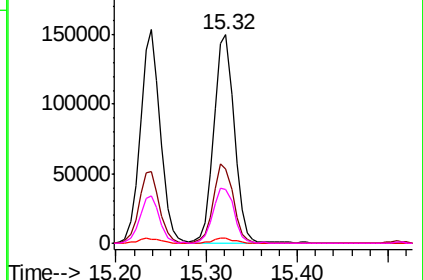
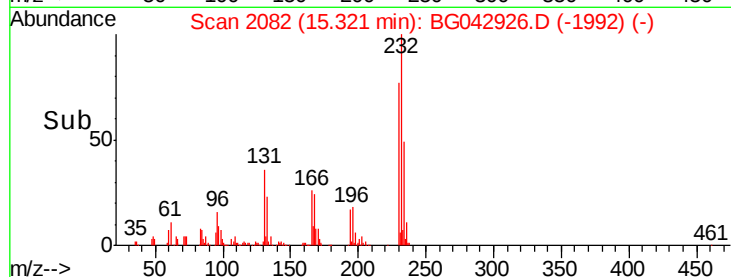


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 60.533 ng

RT: 15.51 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

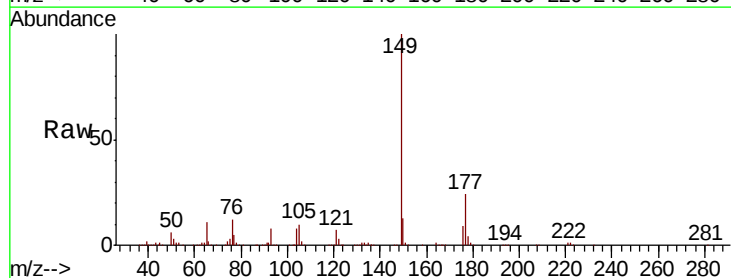
Tgt Ion:149 Resp: 728075

Ion Ratio Lower Upper

149 100

177 23.6 18.8 28.2

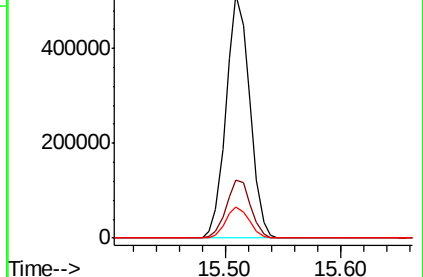
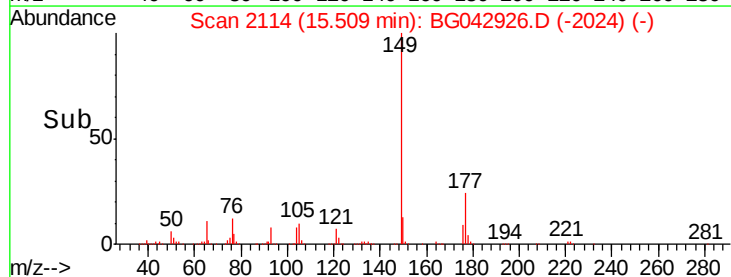
150 12.7 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

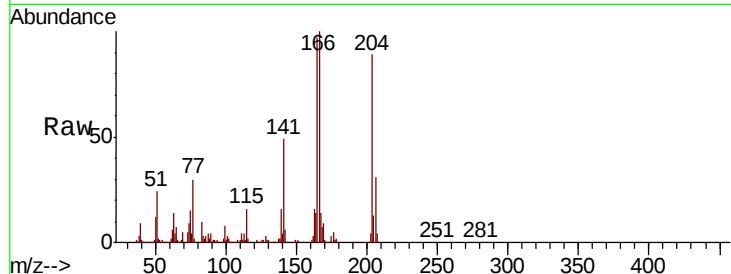




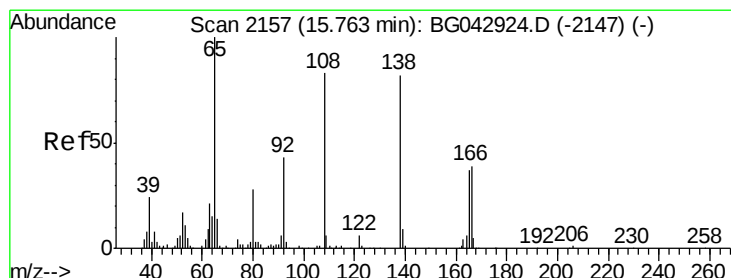
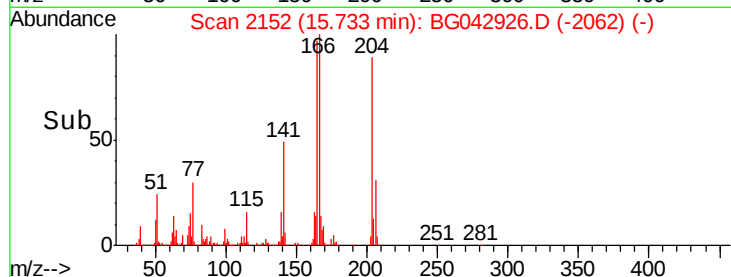
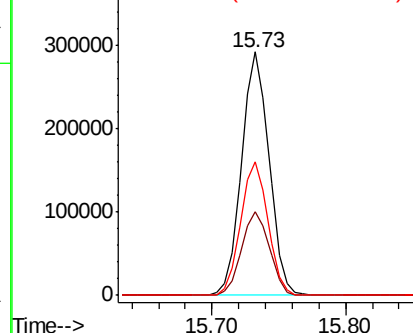
#61
4-Chlorophenyl-phenylether
Concen: 59.687 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	28.5	42.7
141	54.8	42.4	63.6

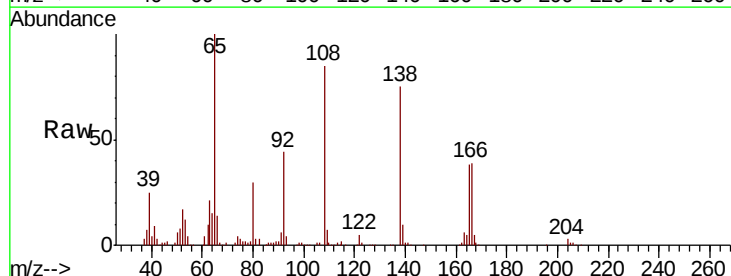


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

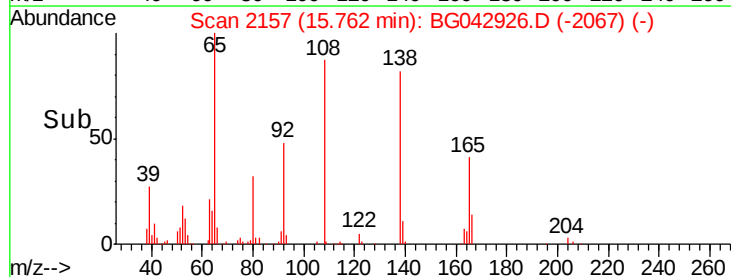
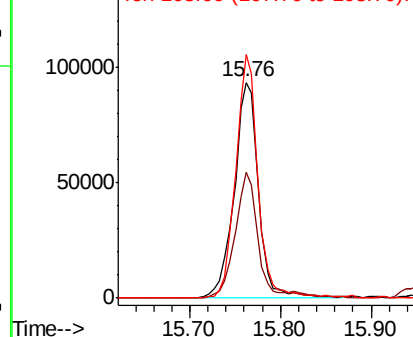


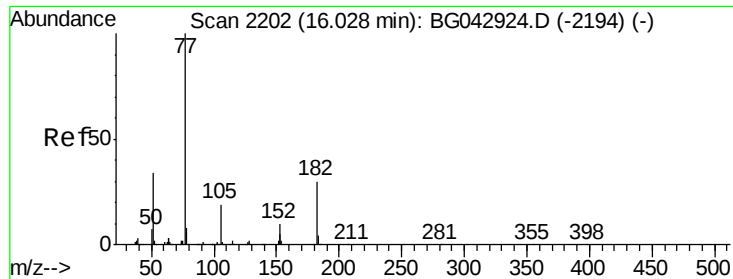
#62
4-Nitroaniline
Concen: 61.133 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.5	32.9	72.9
108	112.9	81.3	121.3



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





#63

Azobenzene

Concen: 57.359 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 662959

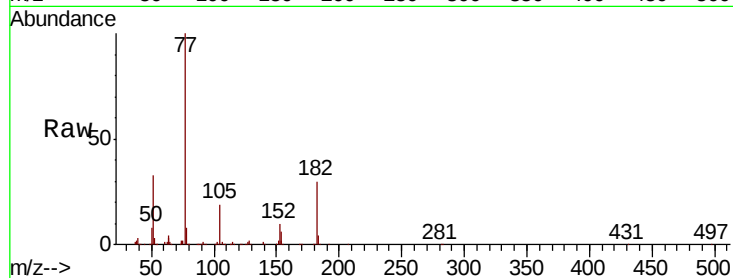
Ion Ratio Lower Upper

77 100

182 29.8 10.2 50.2

105 19.1 0.0 39.1

51 33.5 13.9 53.9

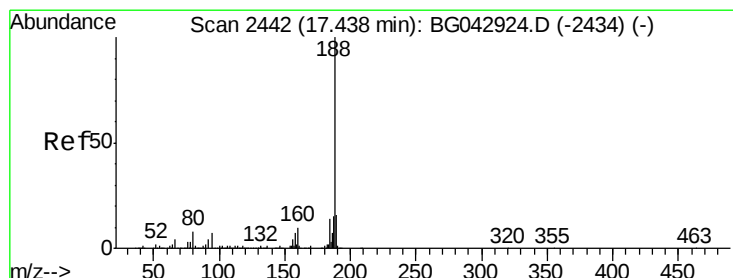
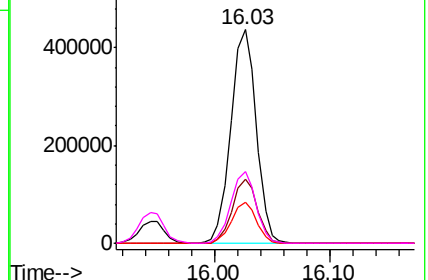
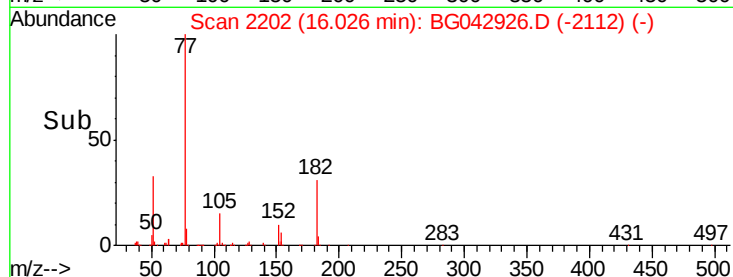


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

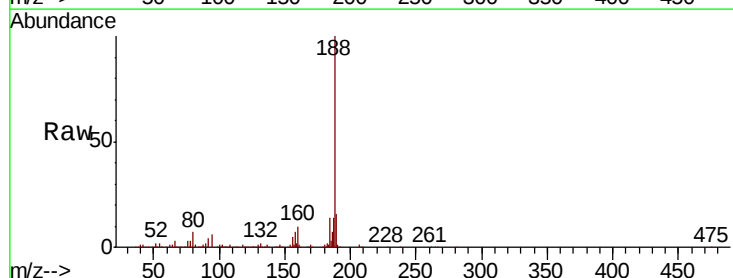
Tgt Ion: 188 Resp: 393414

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

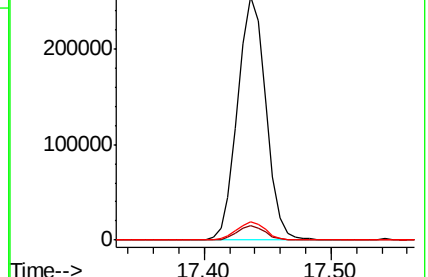
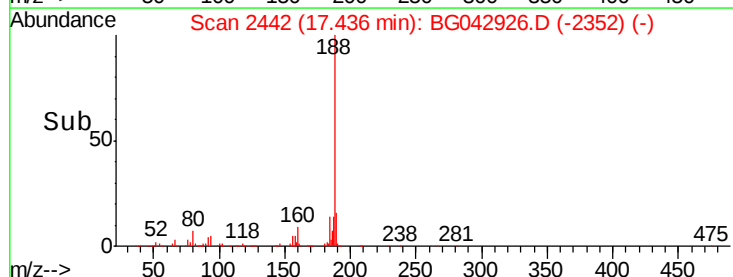
80 7.4 6.5 9.7

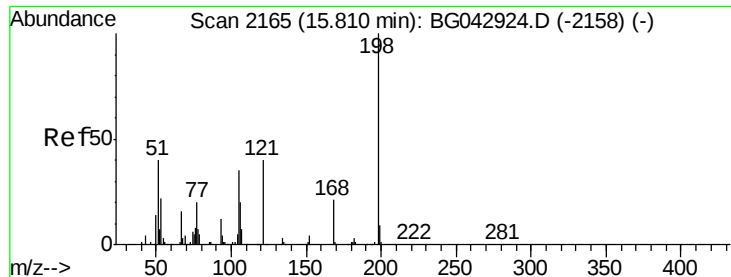


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 68.506 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampled :

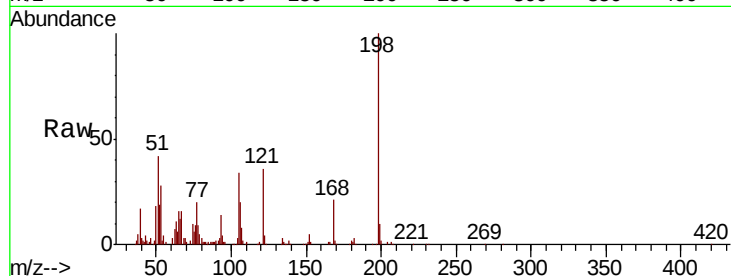
Tot Ion:198 Resp: 142736

Ion Ratio Lower Upper

198 100

51 42.4 25.3 65.3

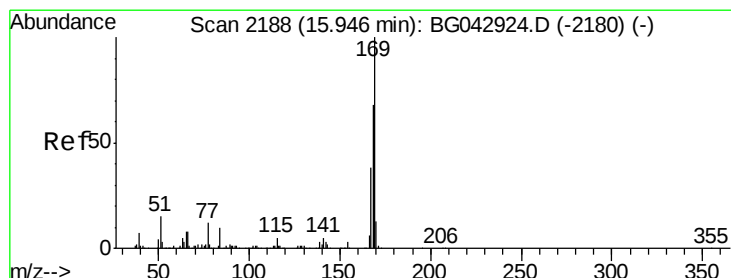
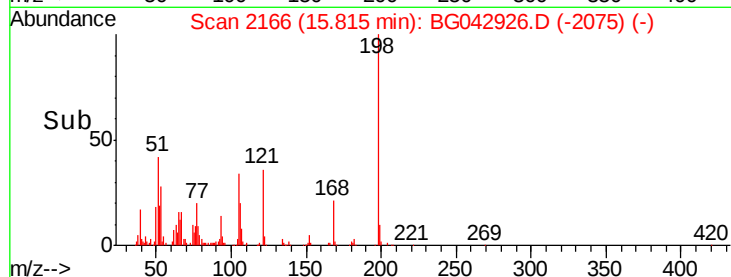
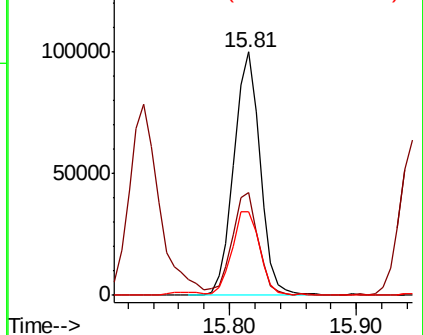
105 34.1 16.6 56.6



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: 58.167 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

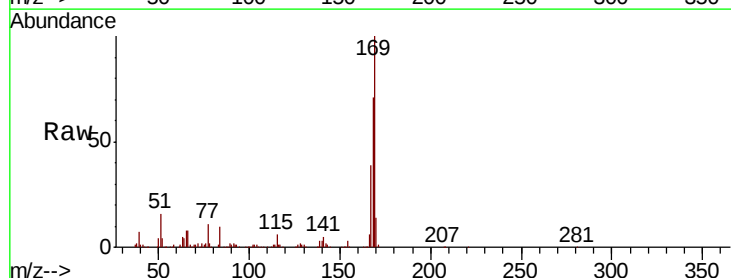
Tgt Ion:169 Resp: 615124

Ion Ratio Lower Upper

169 100

168 70.7 54.8 82.2

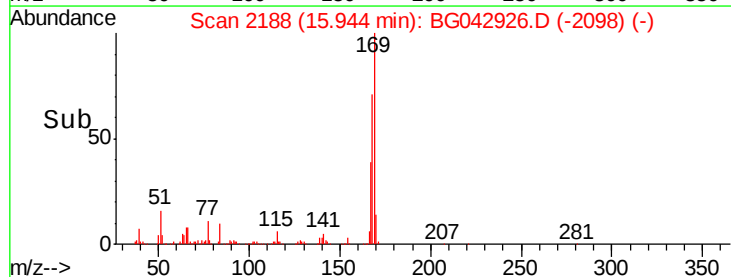
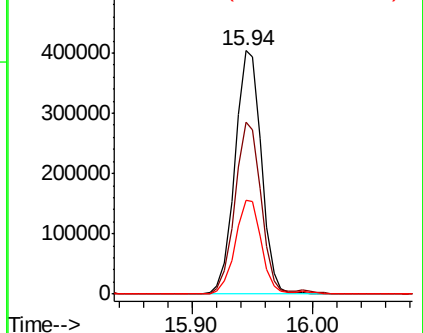
167 38.7 30.6 46.0

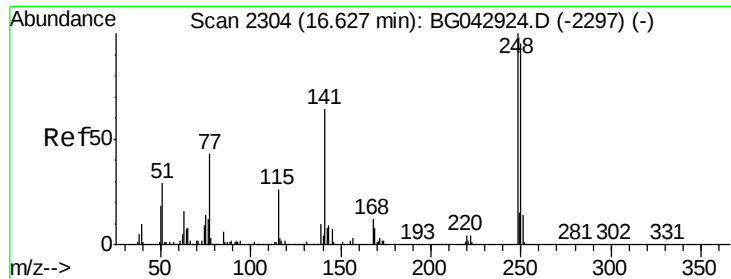


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

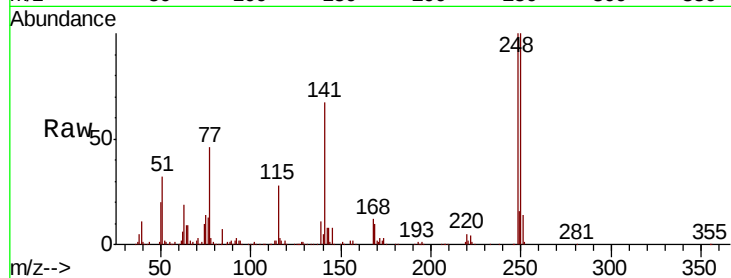




#67
4-Bromophenyl-phenylether
Concen: 59.379 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.5	75.8	113.8
141	66.9	51.1	76.7

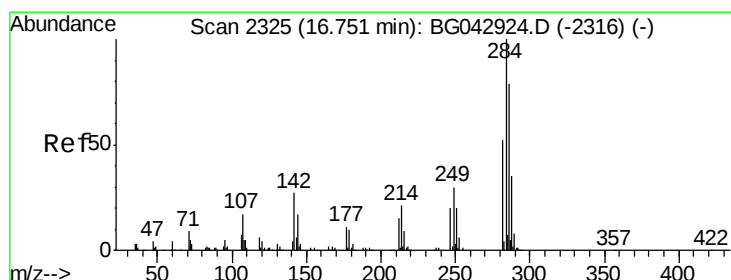
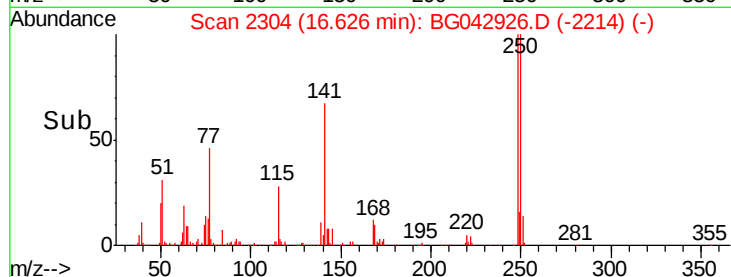
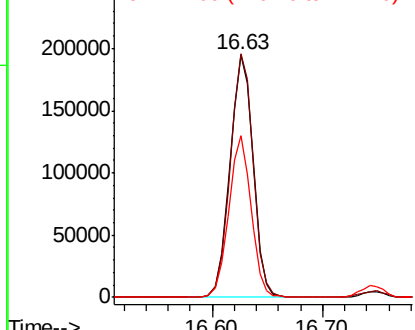


Abundance

Ion 248.00 (247.70 to 248.70): E

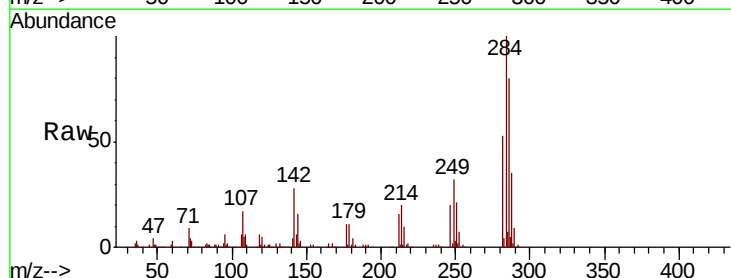
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 60.442 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.1	21.6	32.4
249	32.4	24.1	36.1

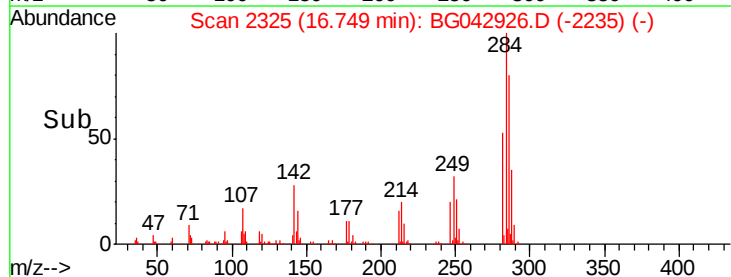
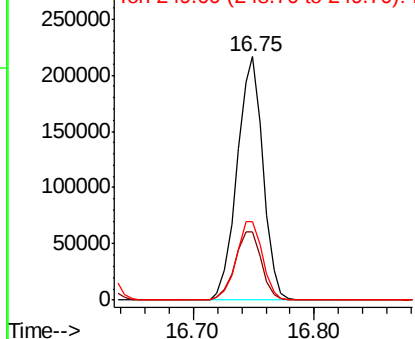


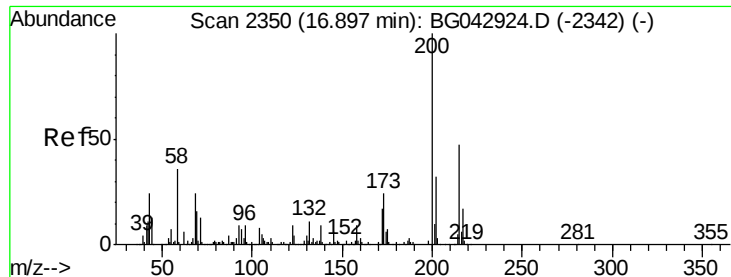
Abundance

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

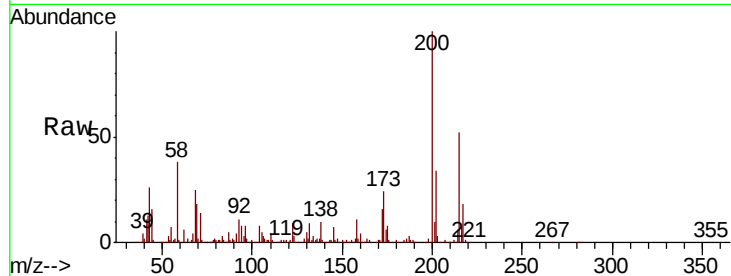




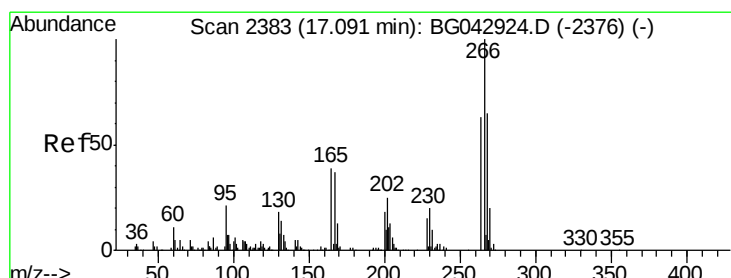
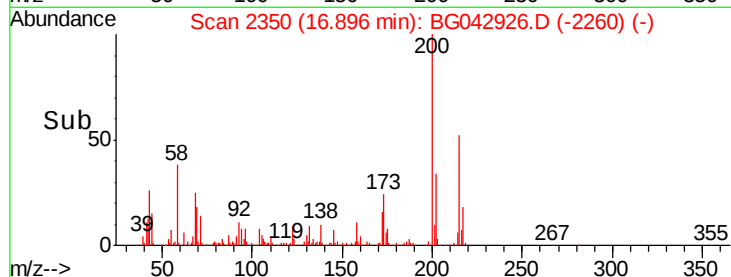
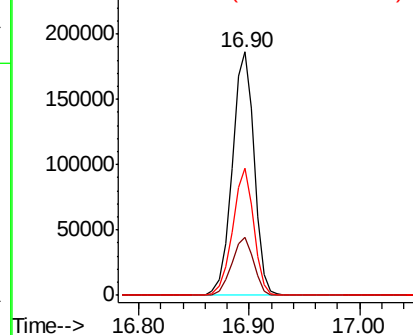
#69
Atrazine
Concen: 59.225 ng
RT: 16.90 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	4.0	44.0
215	52.1	27.4	67.4

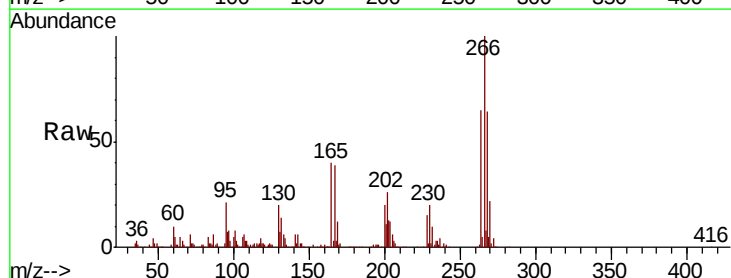


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

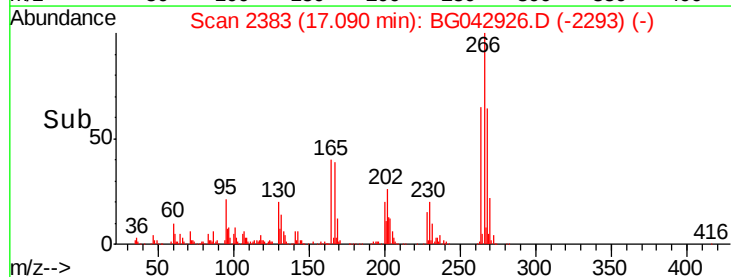
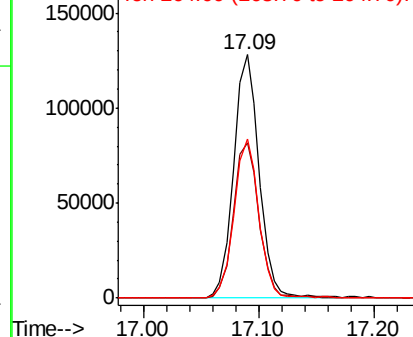


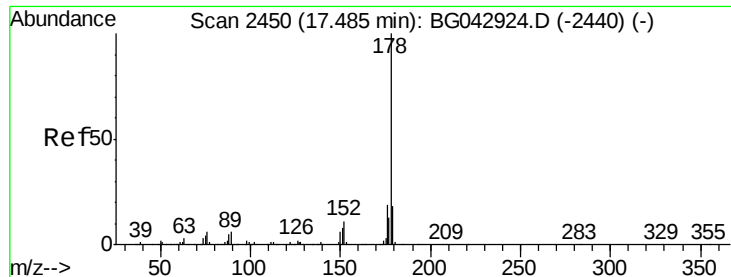
#70
Pentachlorophenol
Concen: 63.803 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.2	78.2
264	65.1	50.7	76.1



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



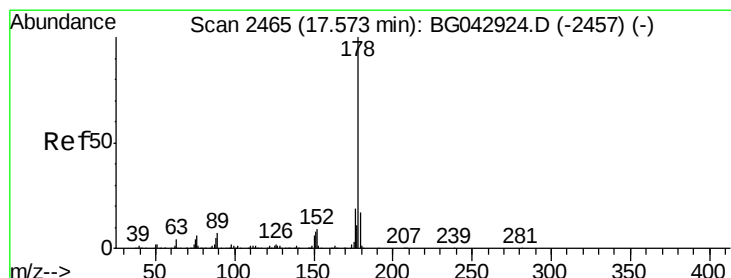
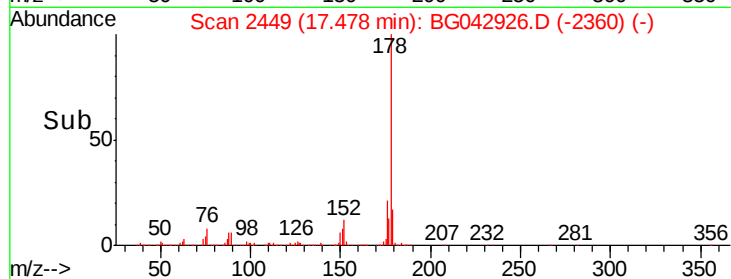
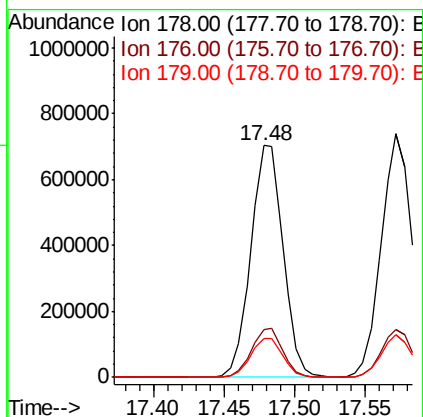
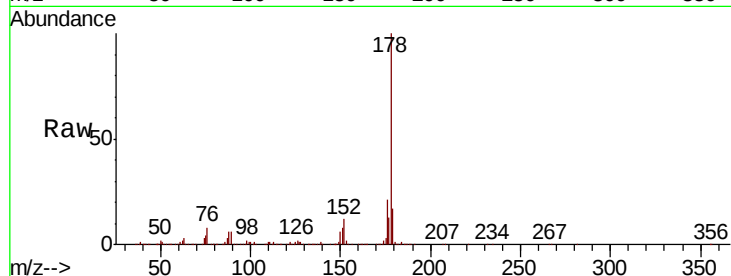


#71
 Phenanthrene
 Concen: 59.378 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:178 Resp: 1134641

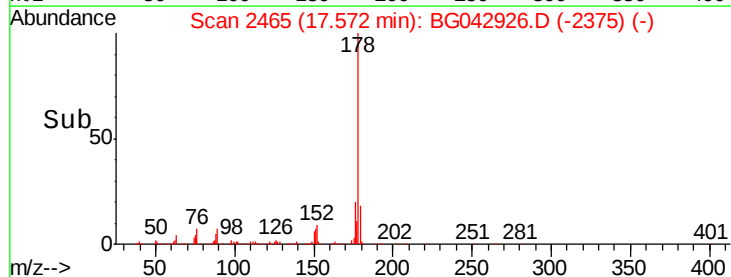
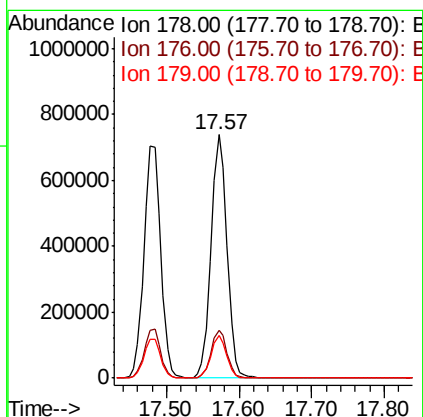
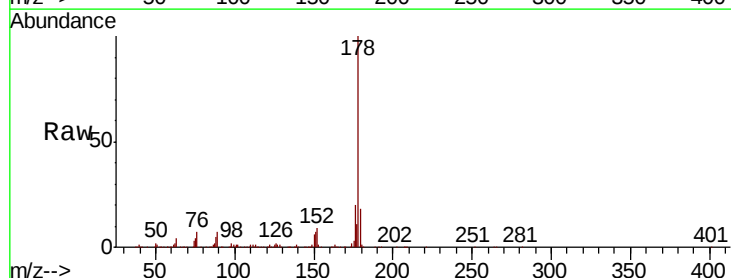
Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.1	22.7
179	17.0	14.1	21.1

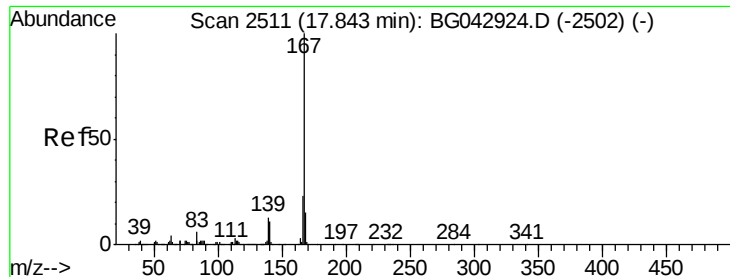


#72
 Anthracene
 Concen: 59.473 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG042926.D
 Acq: 25 Sep 2019 13:24

Tgt Ion:178 Resp: 1130475

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	17.6	13.5	20.3





#73

Carbazole

Concen: 60.358 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

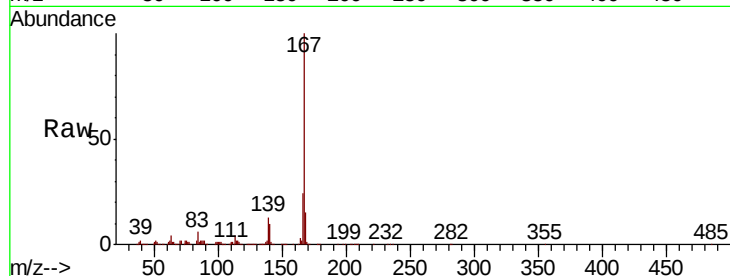
Tot Ion:167 Resp: 1069618

Ion Ratio Lower Upper

167 100

166 24.4 18.6 28.0

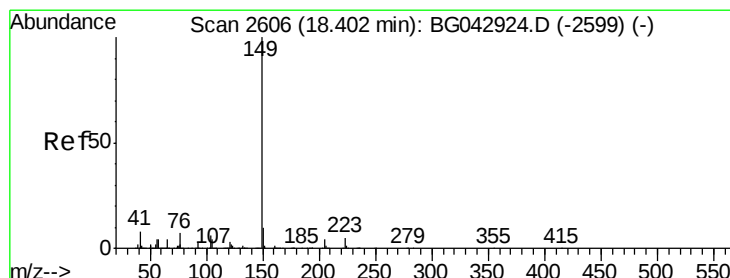
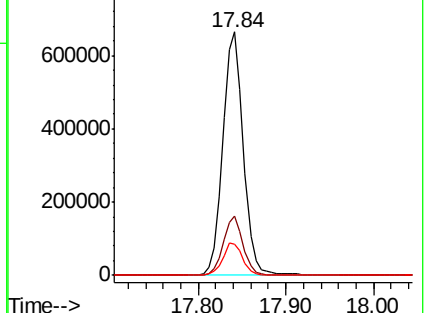
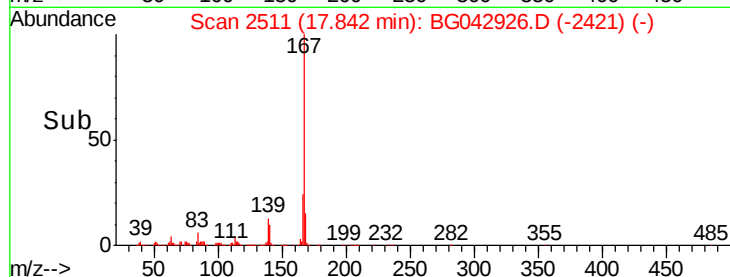
139 12.6 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 62.636 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

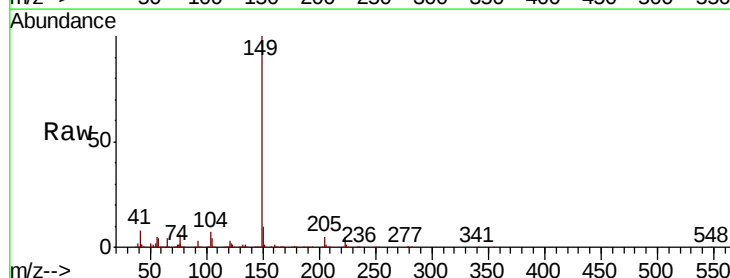
Tgt Ion:149 Resp: 1292272

Ion Ratio Lower Upper

149 100

150 10.2 7.7 11.5

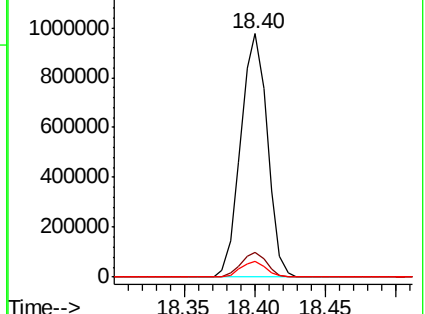
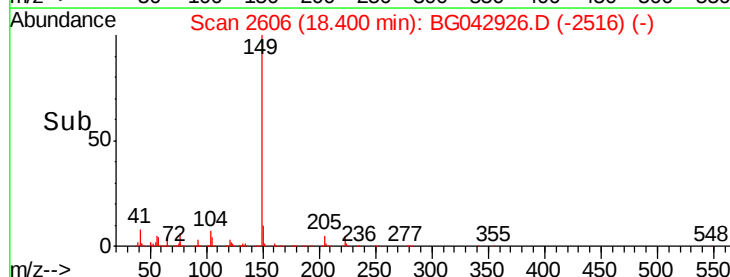
104 6.5 5.0 7.6

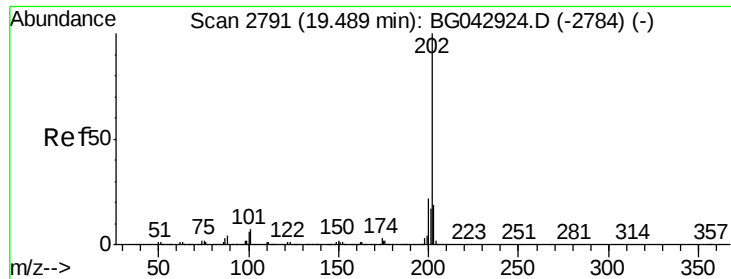


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 62.902 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

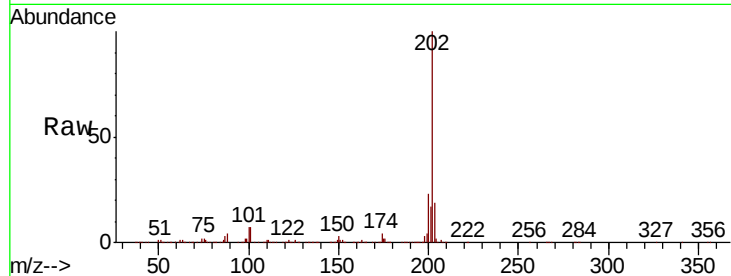
Tot Ion:202 Resp: 1522967

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.3

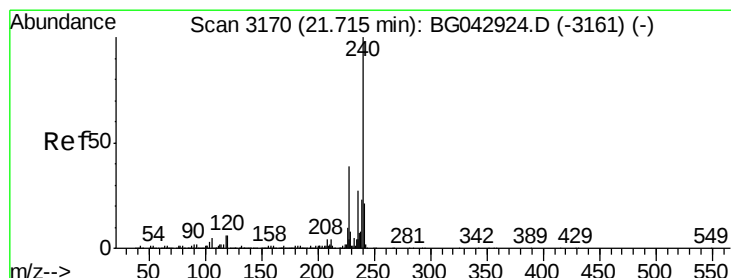
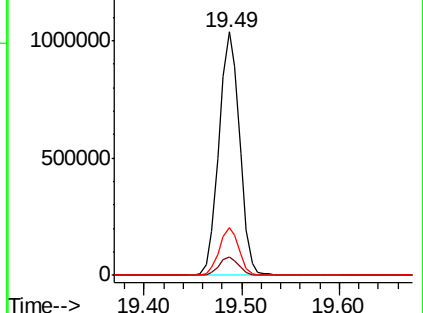
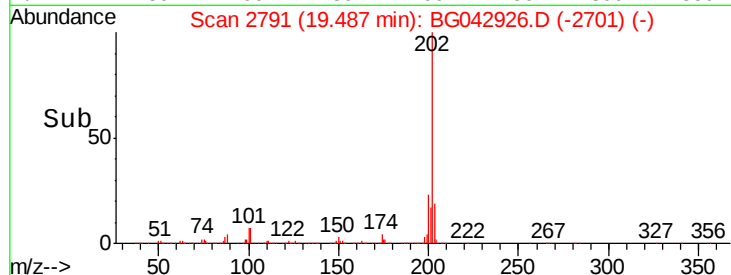
203 19.4 0.0 39.5



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: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

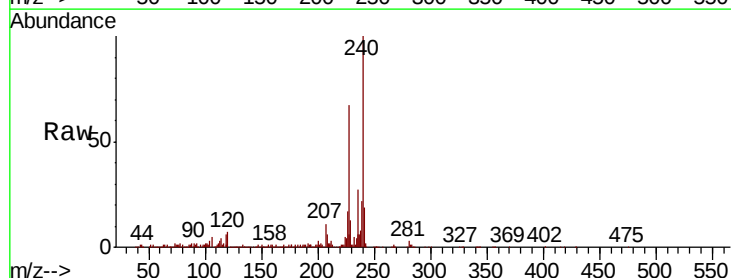
Tgt Ion:240 Resp: 450812

Ion Ratio Lower Upper

240 100

120 6.6 4.8 7.2

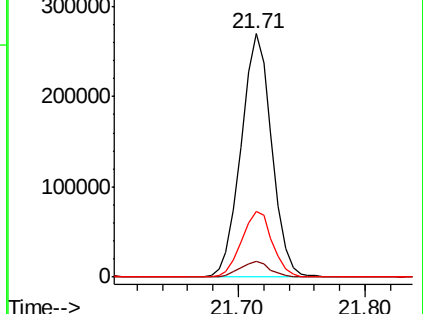
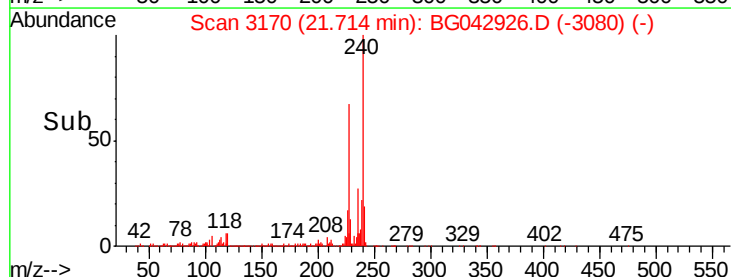
236 26.8 21.4 32.0

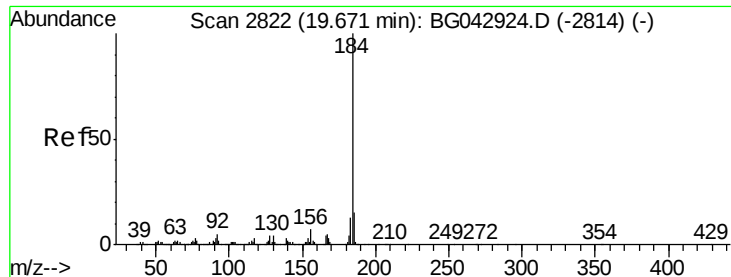


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.756 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

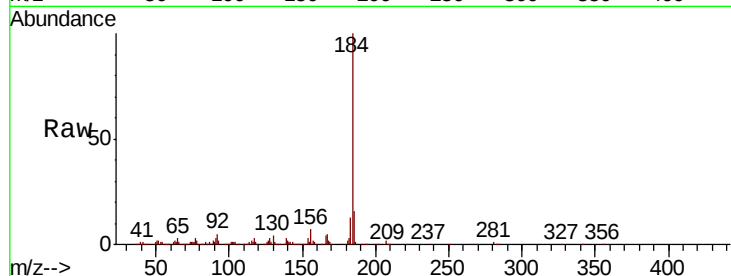
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 672712

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.8
183	12.7	10.1	15.1

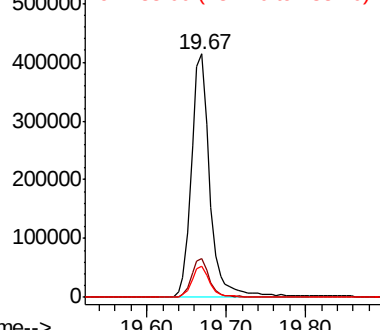


Abundance

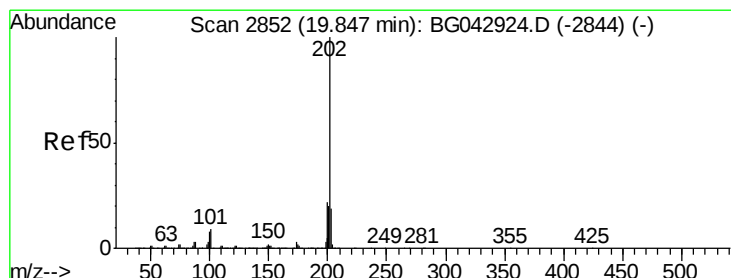
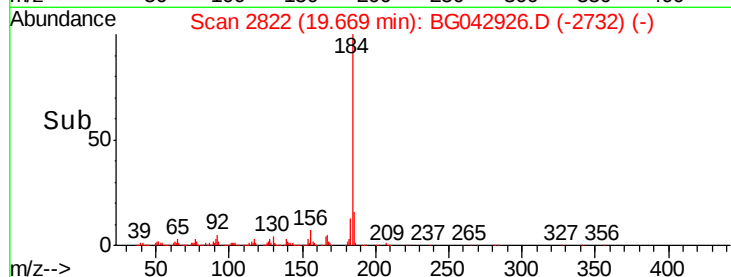
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 57.713 ng

RT: 19.85 min Scan# 2853

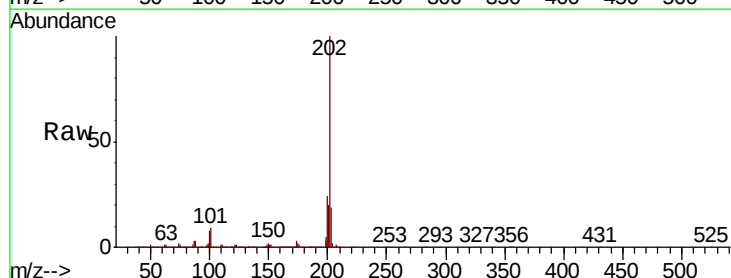
Delta R.T. 0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Tgt Ion:202 Resp: 1551707

Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.6	26.4
203	19.3	15.2	22.8

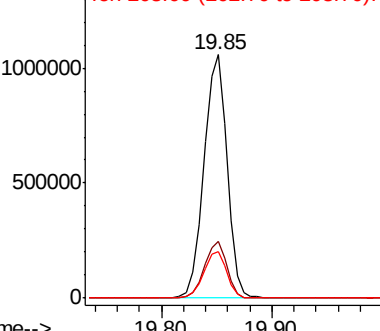


Abundance

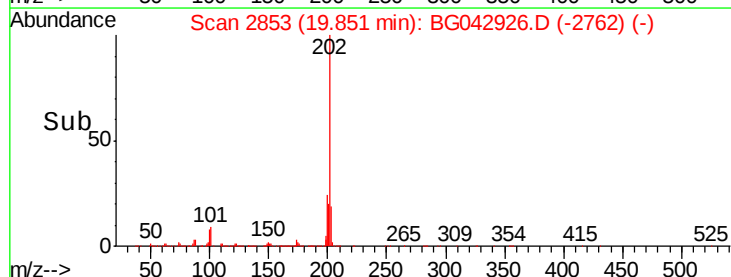
Ion 202.00 (201.70 to 202.70): E

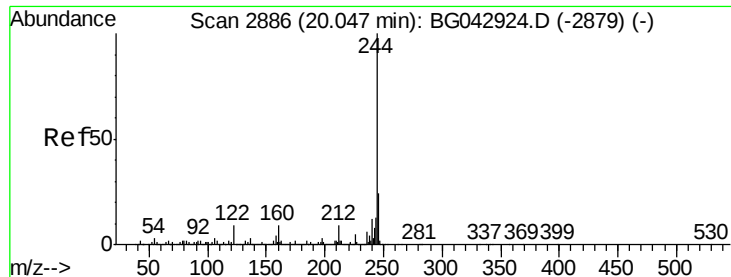
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 112.094 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

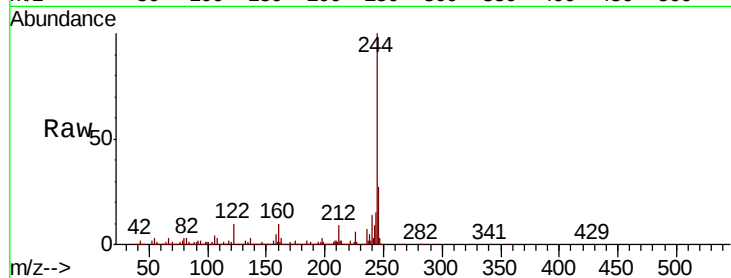
Tot Ion:244 Resp: 2483492

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

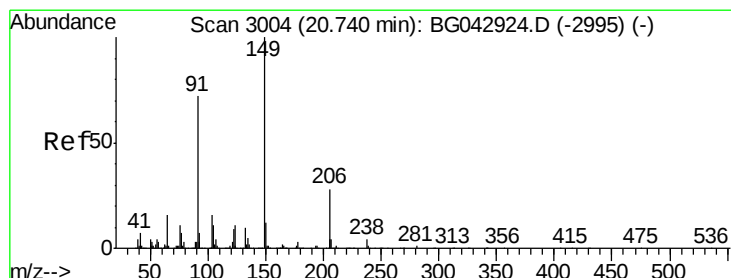
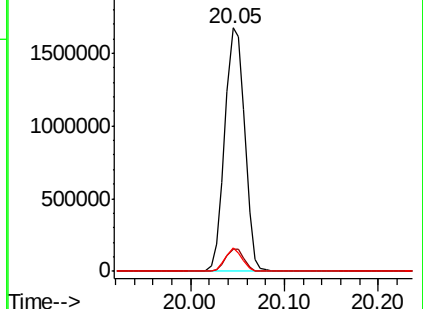
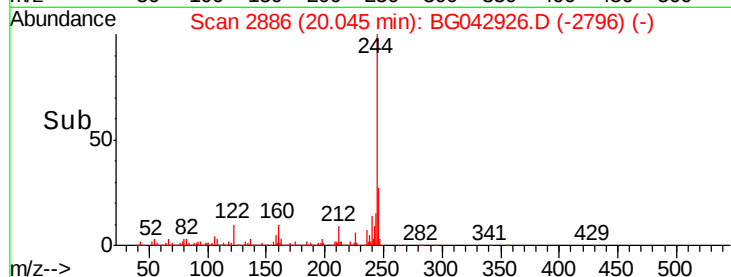
122 9.5 7.0 10.4



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: 60.810 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

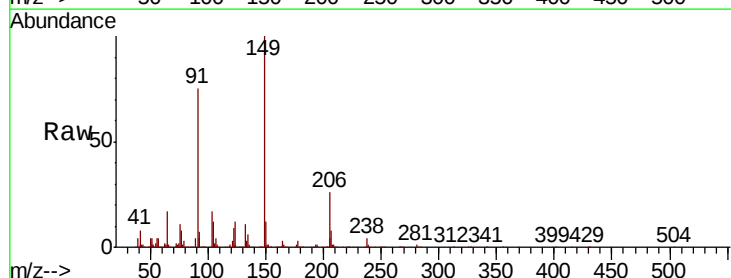
Tgt Ion:149 Resp: 631364

Ion Ratio Lower Upper

149 100

91 75.2 57.7 86.5

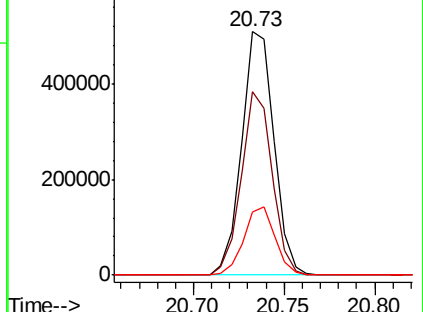
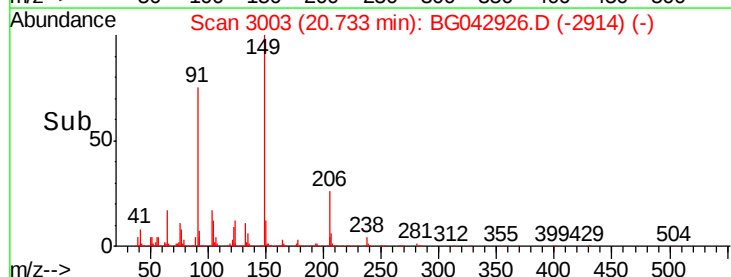
206 26.2 22.6 33.8

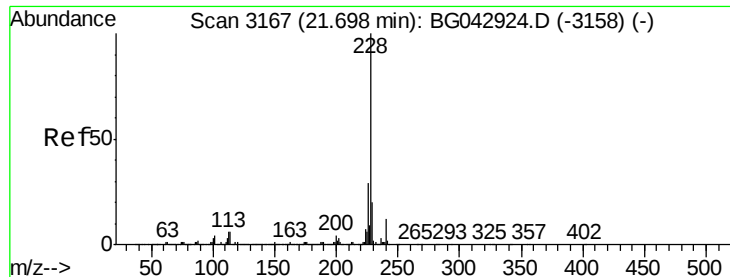


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 59.553 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

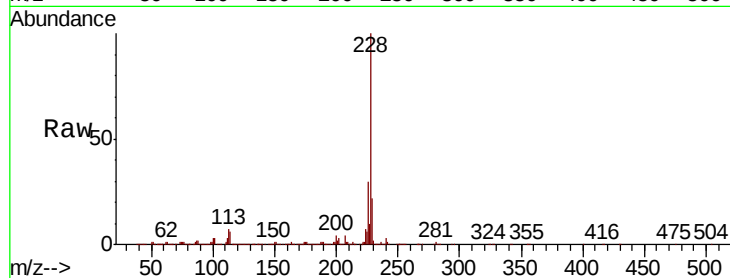
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1653420

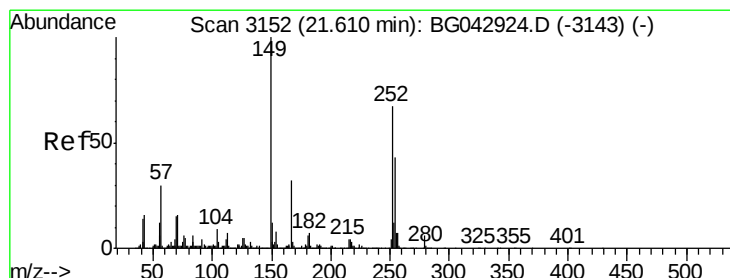
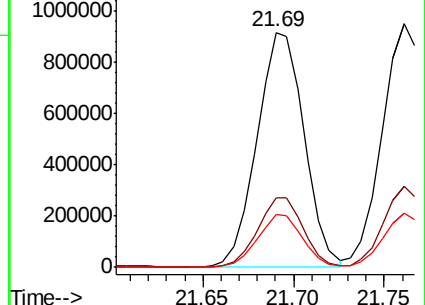
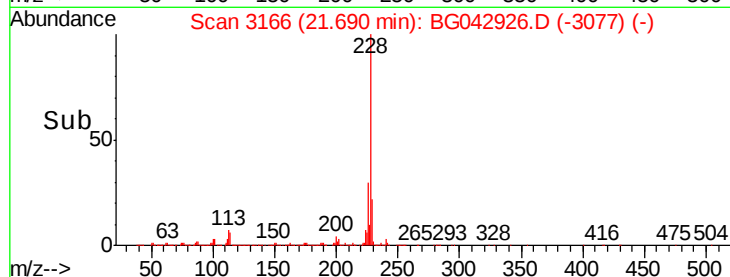
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.4
229	22.3	16.3	24.5



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: 60.002 ng

RT: 21.61 min Scan# 3152

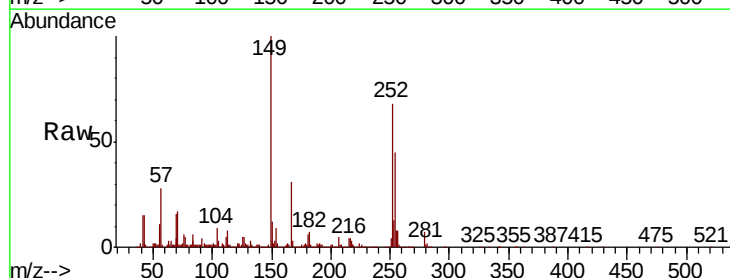
Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Tgt Ion:252 Resp: 663520

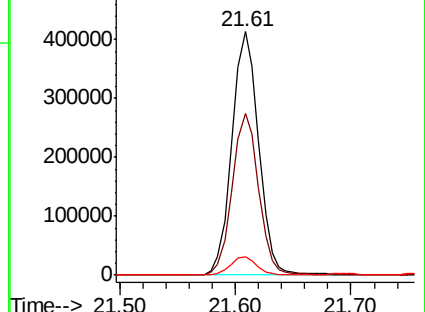
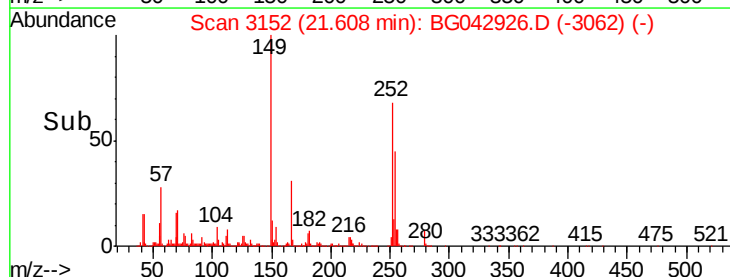
Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.9	77.9
126	7.4	6.1	9.1

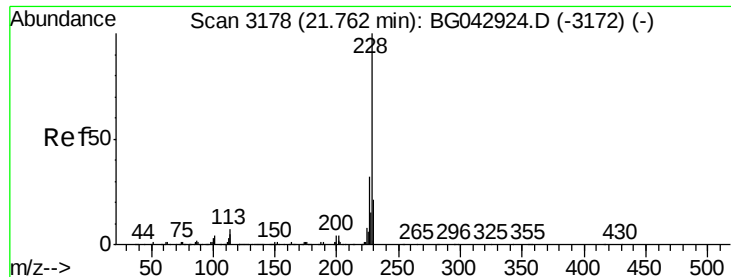


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 59.523 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

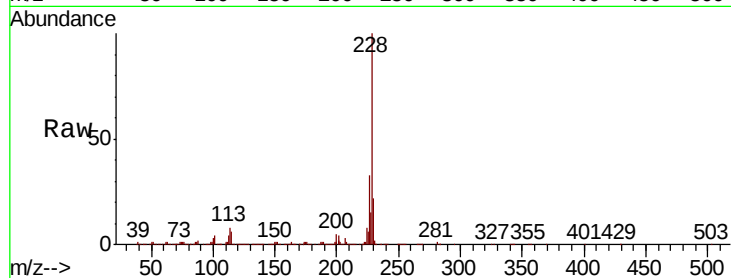
Tot Ion:228 Resp: 1598070

Ion Ratio Lower Upper

228 100

226 33.0 25.6 38.4

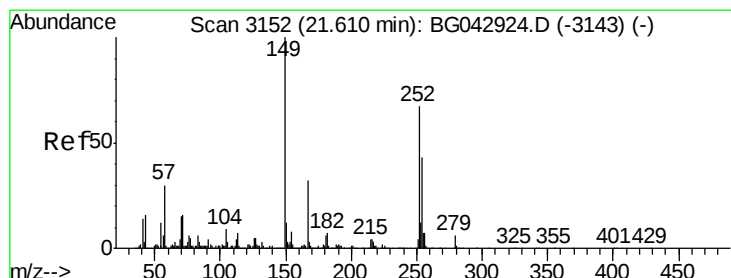
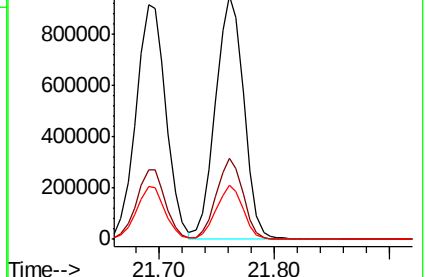
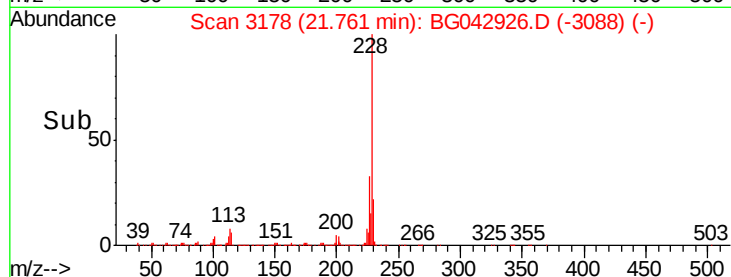
229 22.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.715 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

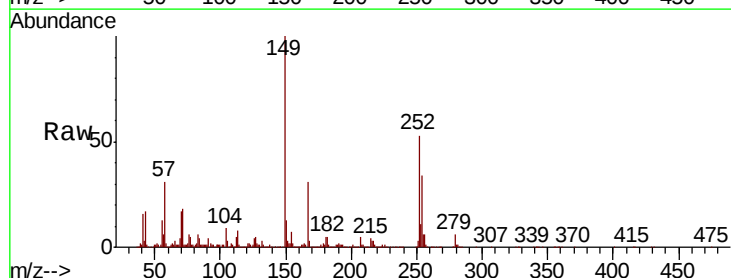
Tgt Ion:149 Resp: 891535

Ion Ratio Lower Upper

149 100

167 30.7 25.4 38.2

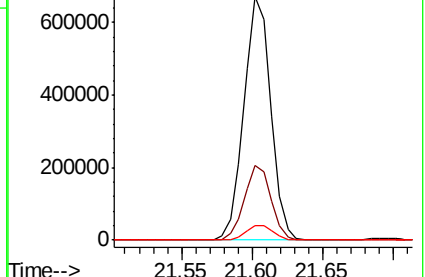
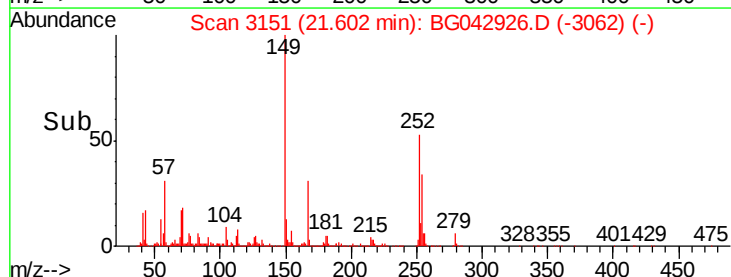
279 5.9 5.1 7.7

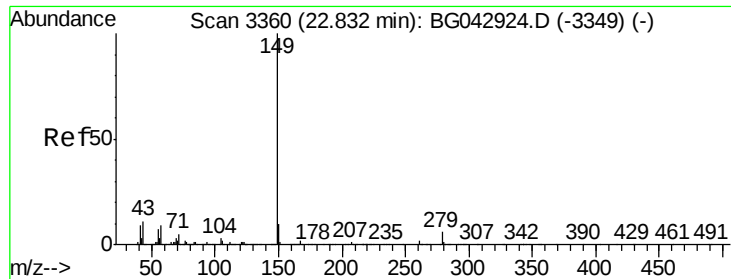


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 59.869 ng

RT: 22.82 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

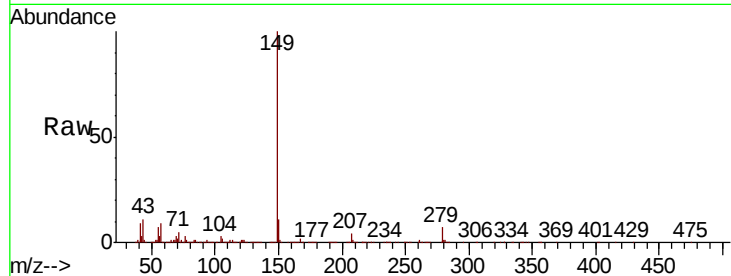
Tot Ion:149 Resp: 1454621

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

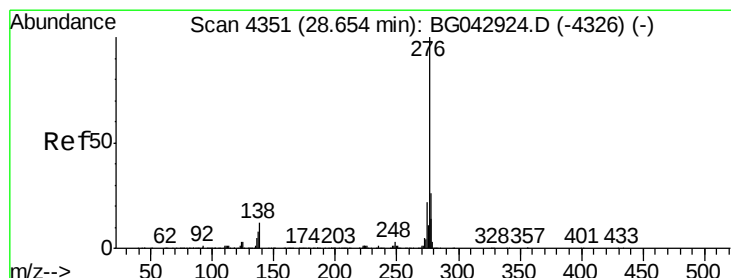
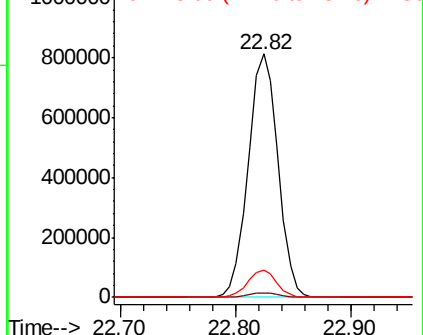
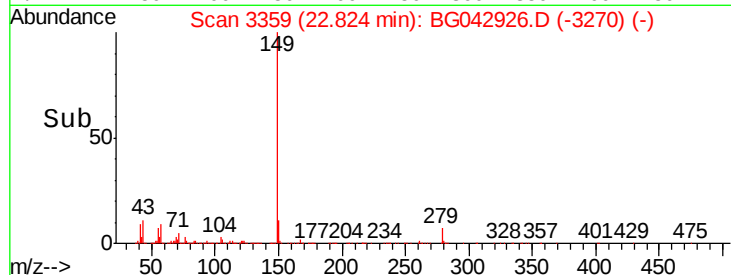
43 11.1 8.7 13.1



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: 61.371 ng

RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG042926.D

Acq: 25 Sep 2019 13:24

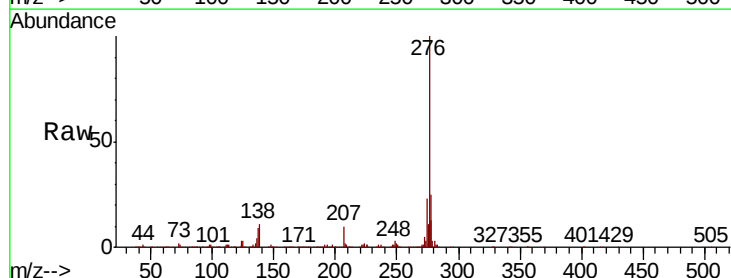
Tgt Ion:276 Resp: 2054236

Ion Ratio Lower Upper

276 100

138 14.1 7.0 10.6#

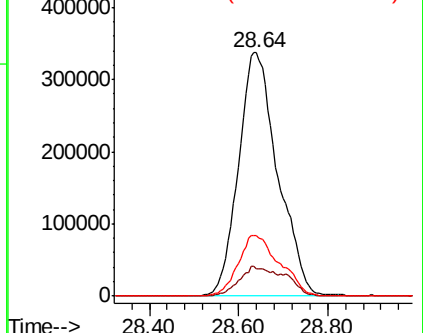
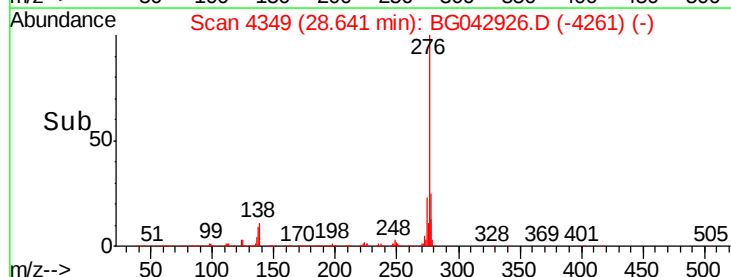
277 26.3 20.9 31.3

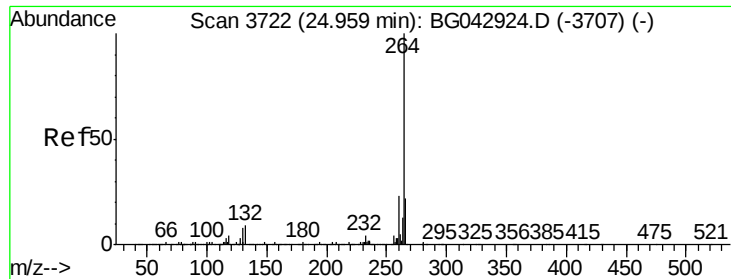


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



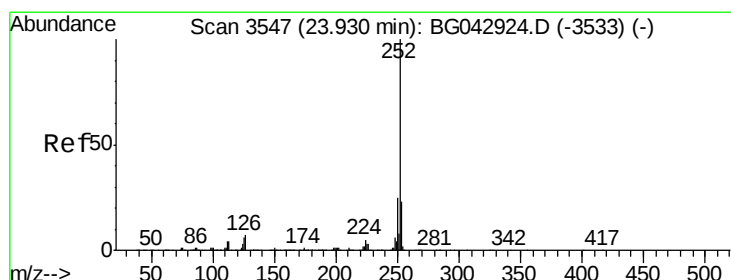
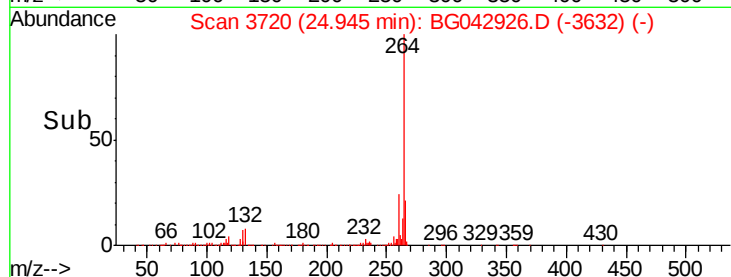
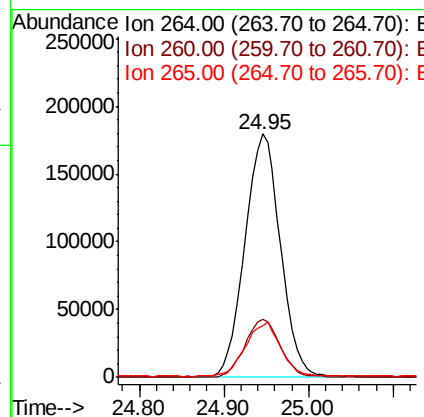
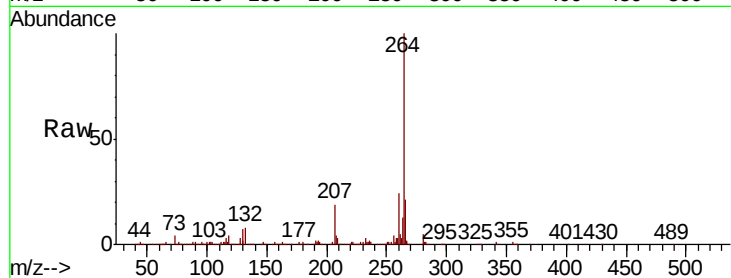


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.01 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 525532

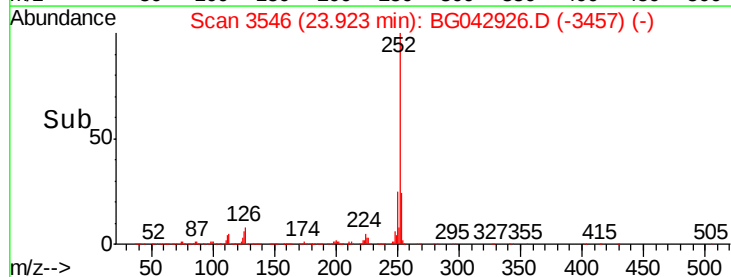
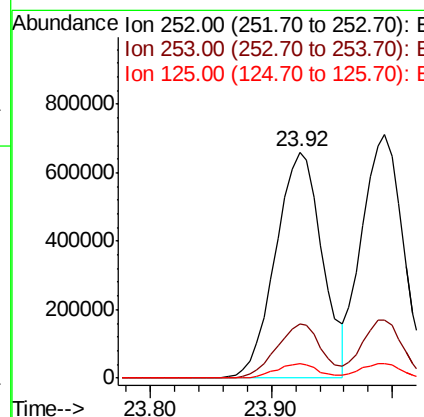
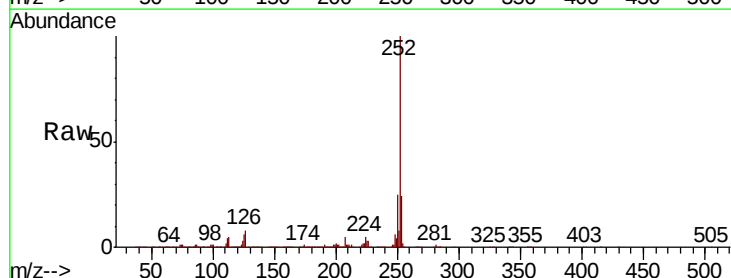
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.3	17.7	26.5

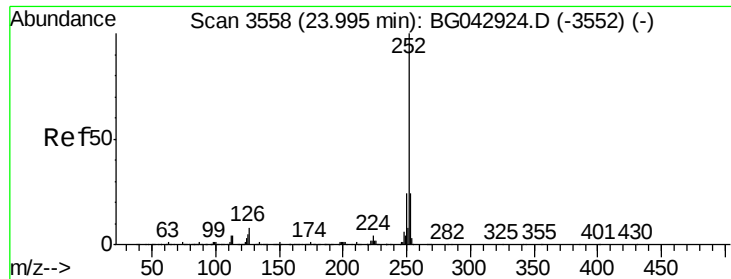


#88
Benzo(b)fluoranthene
Concen: 58.984 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion:252 Resp: 1765134

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	6.4	4.6	7.0

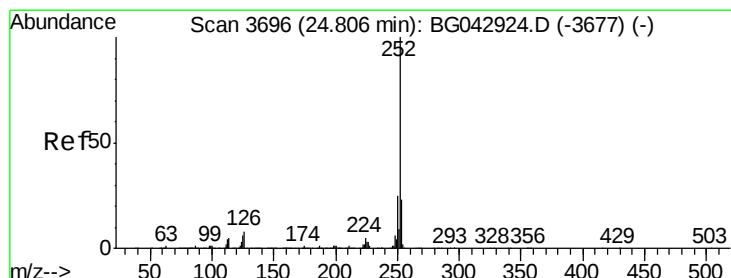
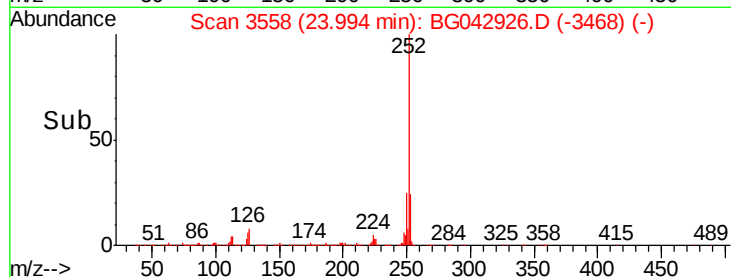
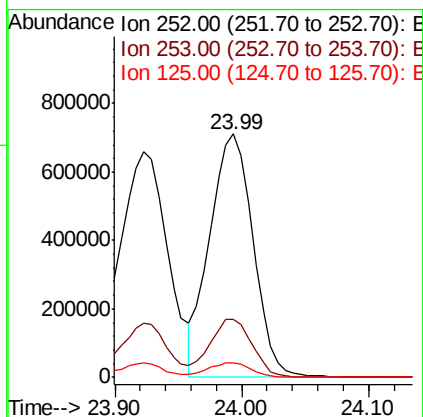
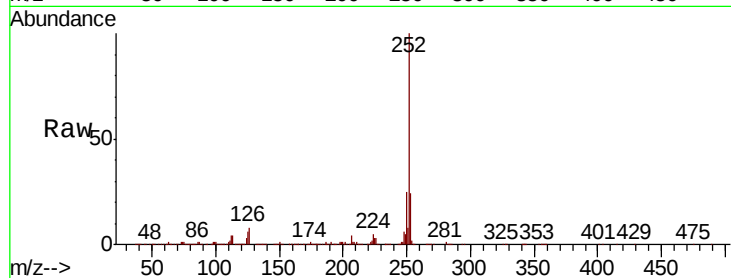




#89
Benzo(k)fluoranthene
Concen: 58.011 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.00 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

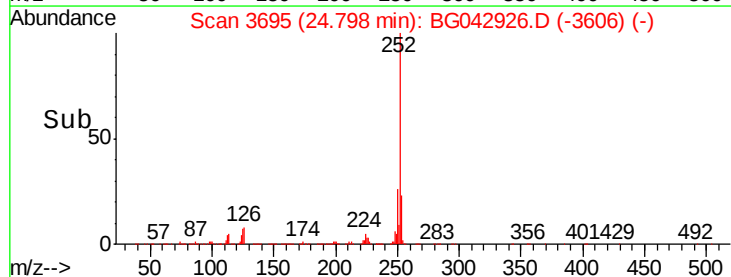
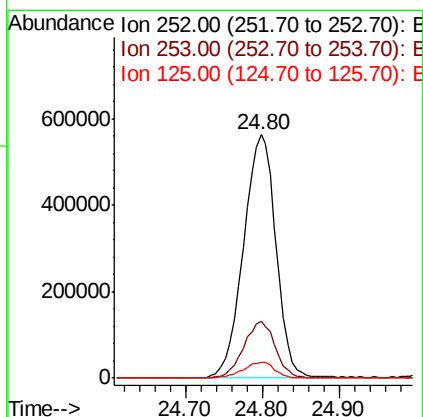
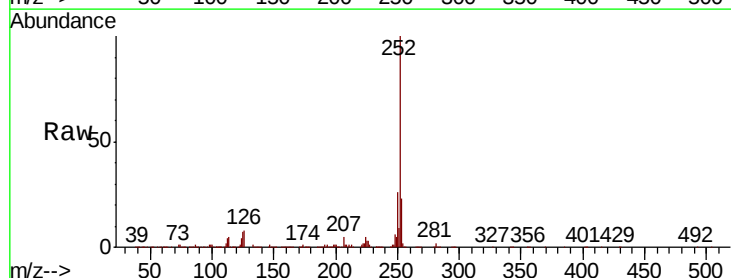
Instrument :
BNA_G
ClientSampleId :

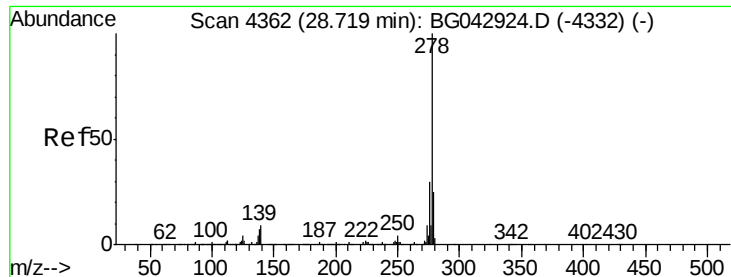
Tot Ion:252 Resp: 1677158
Ion Ratio Lower Upper
252 100
253 23.9 18.9 28.3
125 6.0 4.5 6.7



#90
Benzo(a)pyrene
Concen: 58.822 ng
RT: 24.80 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion:252 Resp: 1657878
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 6.6 5.0 7.6



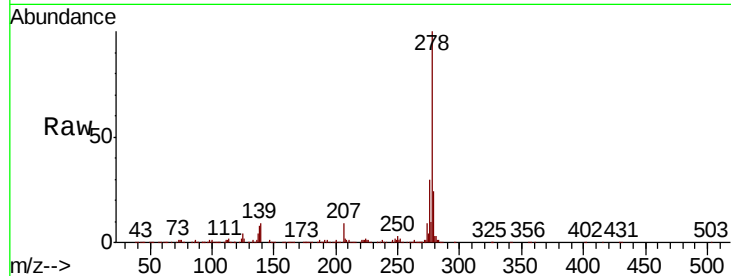


#91
Dibenzo(a,h)anthracene
Concen: 59.450 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.01 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

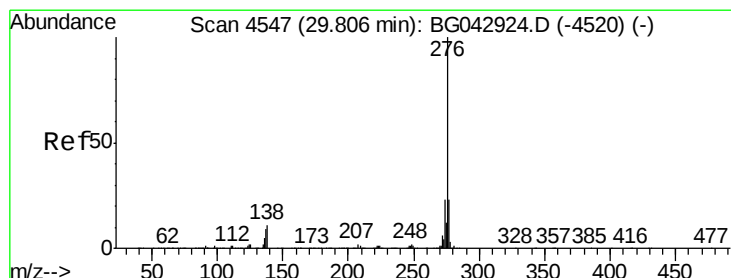
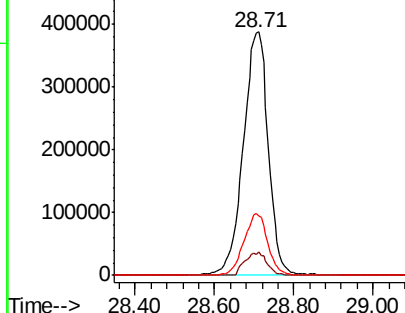
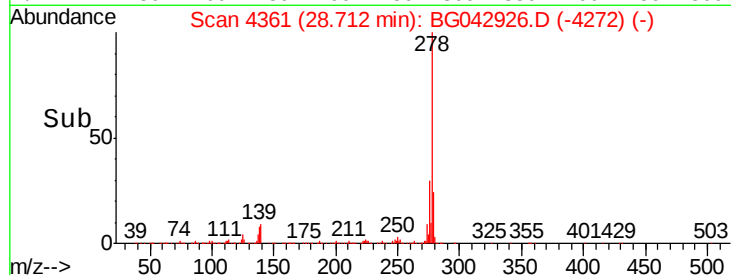
Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1701439

Ion	Ratio	Lower	Upper
278	100		
139	9.4	6.8	10.2
279	24.2	20.1	30.1



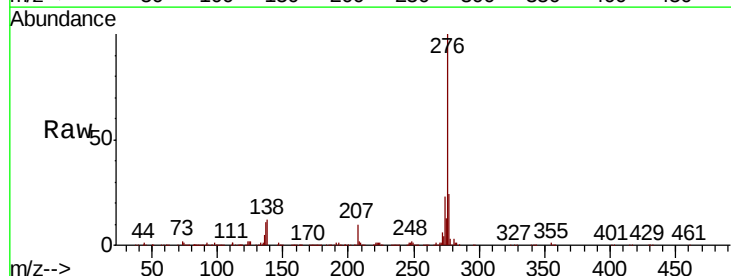
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 59.503 ng
RT: 29.80 min Scan# 4546
Delta R.T. -0.01 min
Lab File: BG042926.D
Acq: 25 Sep 2019 13:24

Tgt Ion:276 Resp: 1647136

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	12.5	8.6	12.8



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

