

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043956.D
 Acq On : 7 Jan 2020 15:44
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 07 16:41:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	137097	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	593389	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	388879	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	818505	20.00	ng	0.00
76) Chrysene-d12	21.59	240	683750	20.00	ng	0.00
87) Perylene-d12	24.71	264	800103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	627579	84.05	ng	0.00
7) Phenol-d6	7.13	99	897178	85.96	ng	0.00
23) Nitrobenzene-d5	9.11	82	844293	76.12	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	344948	84.76	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1780897	82.97	ng	0.00
79) Terphenyl-d14	19.95	244	2315962	80.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	131732	40.463	ng	98
3) Pyridine	3.83	79	401505	41.747	ng	94
4) n-Nitrosodimethylamine	3.74	42	169267	39.530	ng	97
6) Aniline	7.28	93	551768	40.250	ng	99
8) 2-Chlorophenol	7.53	128	361522	41.243	ng	97
9) Benzaldehyde	7.09	77	239290	35.822	ng	99
10) Phenol	7.15	94	452267	42.058	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	365272	39.351	ng	99
12) 1,3-Dichlorobenzene	7.85	146	412185	40.183	ng	100
13) 1,4-Dichlorobenzene	8.00	146	414019	40.907	ng	99
14) 1,2-Dichlorobenzene	8.31	146	392061	40.358	ng	100
15) Benzyl Alcohol	8.20	79	332566	40.374	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	548059	38.163	ng	99
17) 2-Methylphenol	8.40	107	321381	41.299	ng	98
18) Hexachloroethane	9.05	117	158604	40.273	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	305923	39.359	ng	98
20) 3+4-Methylphenols	8.73	107	454022	41.823	ng	99
22) Acetophenone	8.78	105	575671	39.023	ng	99
24) Nitrobenzene	9.16	77	425819	38.760	ng	100
25) Isophorone	9.68	82	805896	38.726	ng	99
26) 2-Nitrophenol	9.87	139	214821	41.330	ng	97
27) 2,4-Dimethylphenol	9.94	122	309154	39.513	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	534713	38.541	ng	99
29) 2,4-Dichlorophenol	10.41	162	383125	41.052	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	413075	39.475	ng	99
31) Naphthalene	10.81	128	1160617	40.419	ng	99
32) Benzoic acid	10.08	122	161764	28.338	ng	88
33) 4-Chloroaniline	10.91	127	551033	40.233	ng	99
34) Hexachlorobutadiene	11.11	225	248212	38.850	ng	95
35) Caprolactam	11.69	113	142215	40.934	ng	97
36) 4-Chloro-3-methylphenol	12.04	107	413972	41.667	ng	99
37) 2-Methylnaphthalene	12.42	142	880993	40.752	ng	97
38) 1-Methylnaphthalene	12.64	142	827394	40.382	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	450124	39.491	ng	100

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 Misc :
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Instrument :
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Quant Time: Jan 07 16:41:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	222535	37.659	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	315150	40.183	ng	97
44) 2,4,5-Trichlorophenol	13.10	196	328155	40.569	ng	99
46) 1,1'-Biphenyl	13.43	154	1127156	40.426	ng	99
47) 2-Chloronaphthalene	13.47	162	906843	40.250	ng	99
48) 2-Nitroaniline	13.66	65	297002	40.980	ng	100
49) Acenaphthylene	14.31	152	1329597	41.058	ng	99
50) Dimethylphthalate	14.05	163	1128286	40.862	ng	100
51) 2,6-Dinitrotoluene	14.16	165	255594	40.954	ng	98
52) Acenaphthene	14.66	154	926040	40.777	ng	97
53) 3-Nitroaniline	14.49	138	291919	41.190	ng	97
54) 2,4-Dinitrophenol	14.69	184	107447	36.961	ng	99
55) Dibenzofuran	14.99	168	1291788	41.321	ng	100
56) 4-Nitrophenol	14.80	139	220244	40.554	ng	97
57) 2,4-Dinitrotoluene	14.95	165	355177	41.825	ng	100
58) Fluorene	15.64	166	1026258	41.417	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	285386	41.030	ng	99
60) Diethylphthalate	15.41	149	1149337	41.617	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	551640	40.999	ng	98
62) 4-Nitroaniline	15.65	138	294330	42.055	ng	97
63) Azobenzene	15.92	77	1054955	41.190	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	161637	39.213	ng	100
66) n-Nitrosodiphenylamine	15.85	169	948187	39.337	ng	100
67) 4-Bromophenyl-phenylether	16.53	248	359141	39.013	ng	97
68) Hexachlorobenzene	16.65	284	390288	39.346	ng	98
69) Atrazine	16.79	200	309526	39.505	ng	99
70) Pentachlorophenol	16.99	266	202683	37.067	ng	97
71) Phenanthrene	17.37	178	1593778	40.596	ng	99
72) Anthracene	17.47	178	1573472	40.554	ng	100
73) Carbazole	17.73	167	1461770	40.786	ng	100
74) Di-n-butylphthalate	18.30	149	1822886	39.837	ng	100
75) Fluoranthene	19.38	202	1766775	39.350	ng	99
77) Benzidine	19.56	184	863942	50.269	ng	99
78) Pyrene	19.74	202	1762854	39.498	ng	99
80) Butylbenzylphthalate	20.64	149	882671	41.540	ng	98
81) Benzo(a)anthracene	21.57	228	1721476	40.603	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	667515	39.851	ng	99
83) Chrysene	21.63	228	1661922	41.253	ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	1196572	40.813	ng	100
85) Di-n-octyl phthalate	22.67	149	2063543	41.866	ng	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	2154171	39.347	ng	# 90
88) Benzo(b)fluoranthene	23.73	252	1847696	39.063	ng	99
89) Benzo(k)fluoranthene	23.79	252	1808841	40.215	ng	99
90) Benzo(a)pyrene	24.57	252	1765936	39.557	ng	98
91) Dibenzo(a,h)anthracene	28.32	278	1724815	38.470	ng	98
92) Benzo(g,h,i)perylene	29.35	276	1668455	37.464	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

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ClientSampleId :

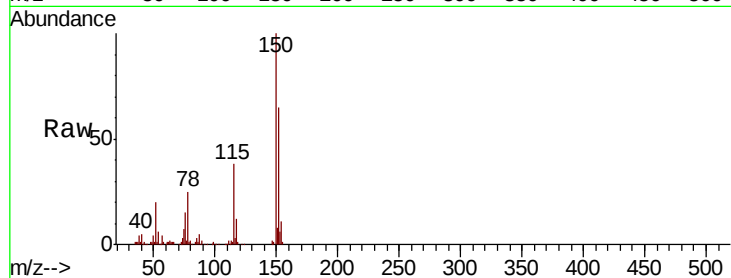
Tot Ion:152 Resp: 137097

Ion Ratio Lower Upper

152 100

150 153.0 127.0 190.4

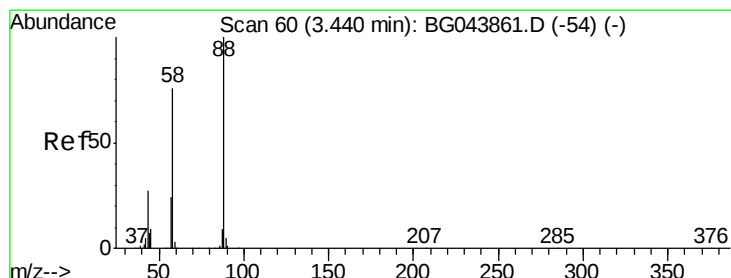
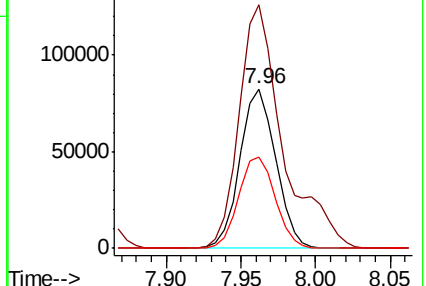
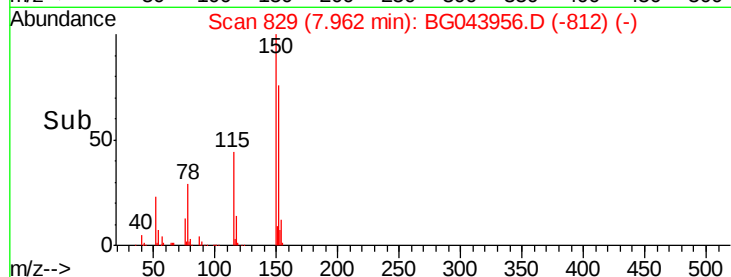
115 57.4 47.8 71.8



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: 40.463 ng

RT: 3.44 min Scan# 59

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

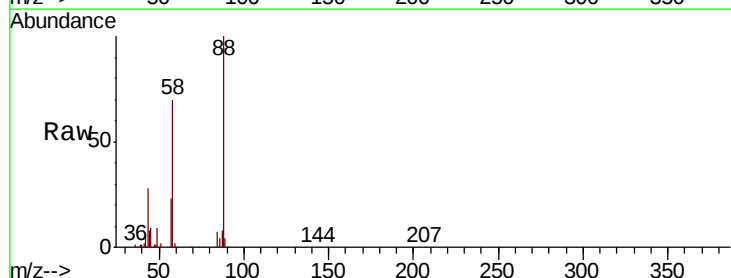
Tgt Ion: 88 Resp: 131732

Ion Ratio Lower Upper

88 100

58 72.4 59.8 89.8

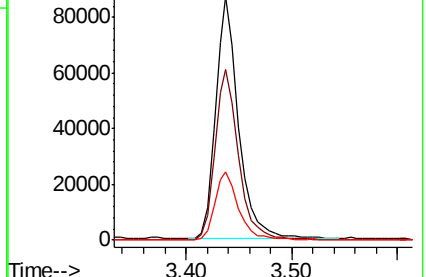
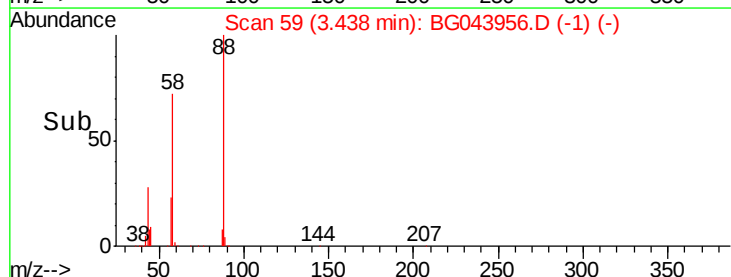
43 29.2 22.9 34.3

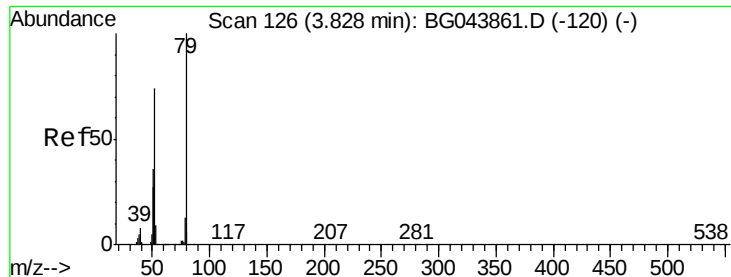


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.747 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

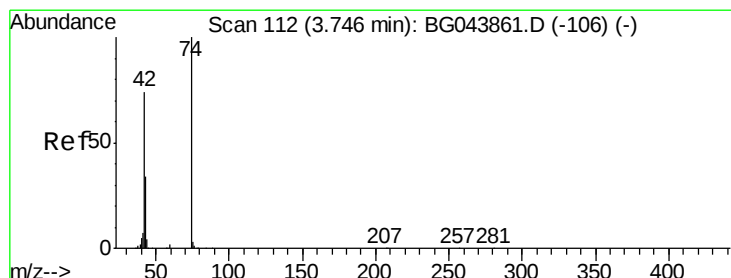
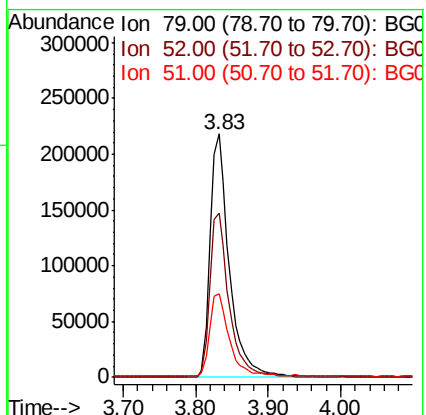
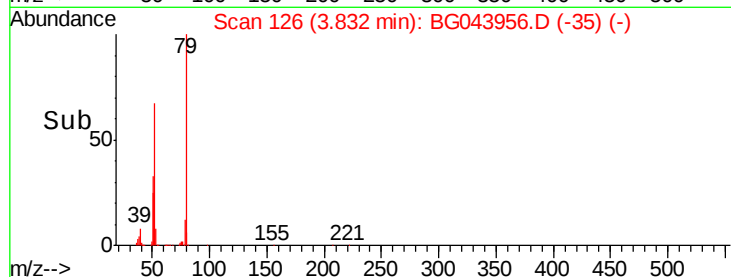
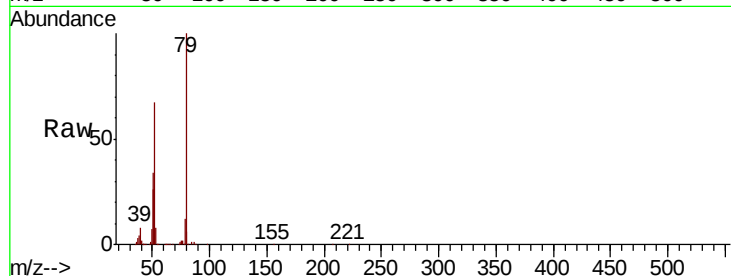
Tot Ion: 79 Resp: 401505

Ion Ratio Lower Upper

79 100

52 67.3 58.9 88.3

51 34.1 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 39.530 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

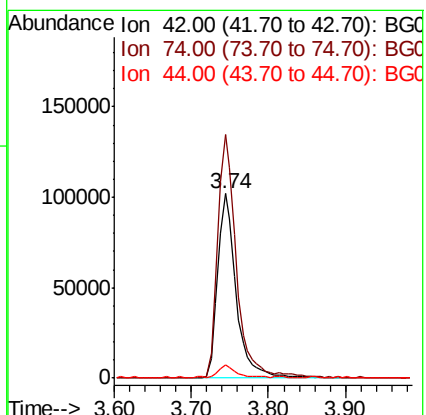
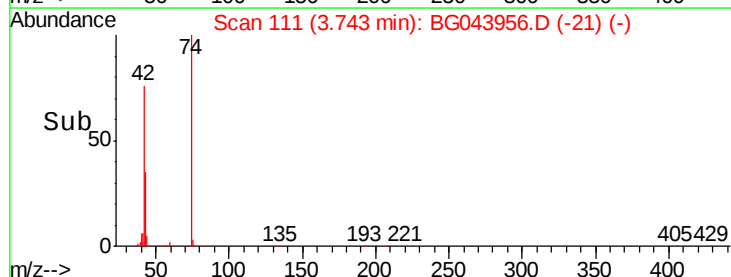
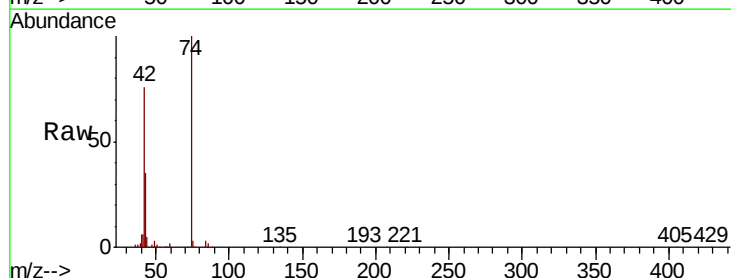
Tgt Ion: 42 Resp: 169267

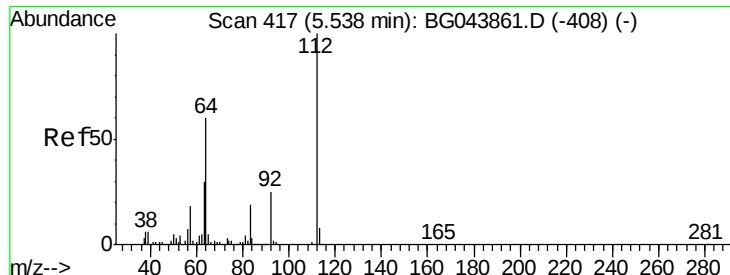
Ion Ratio Lower Upper

42 100

74 131.9 108.6 162.8

44 7.0 5.0 7.6





#5

2-Fluorophenol

Concen: 84.051 ng

RT: 5.54 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

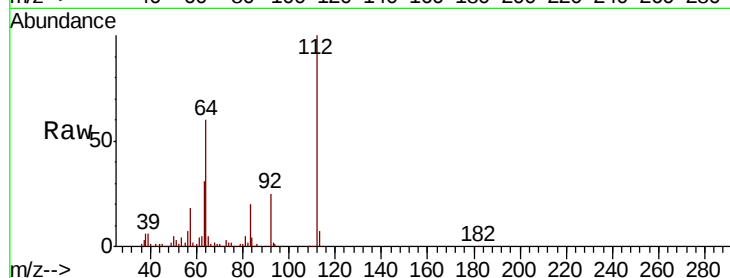
Tot Ion:112 Resp: 627579

Ion Ratio Lower Upper

112 100

64 59.7 47.8 71.6

63 31.4 24.3 36.5



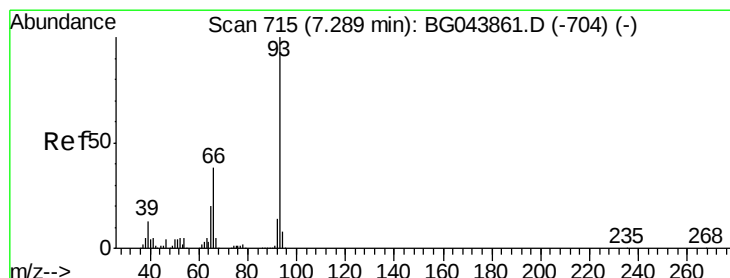
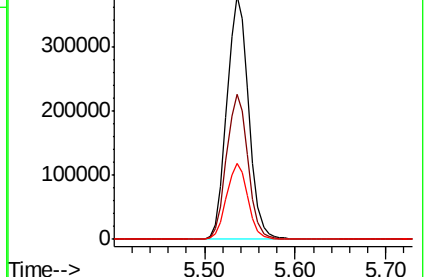
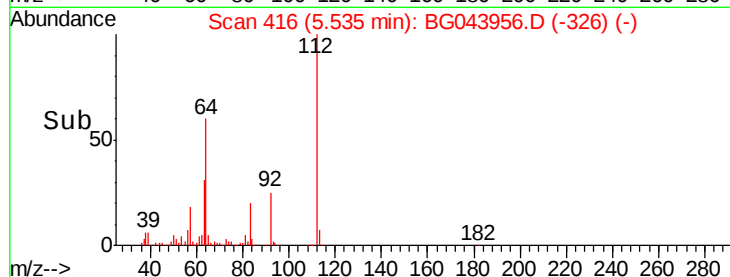
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.54

Time-->



#6

Aniline

Concen: 40.250 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

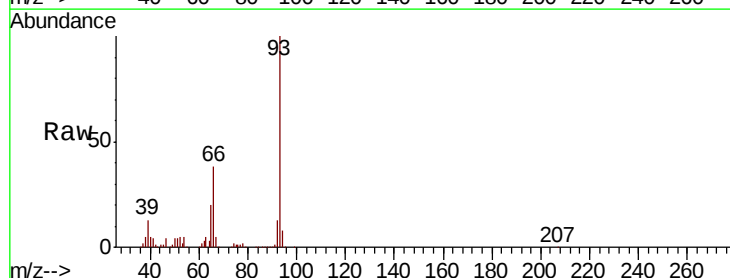
Tgt Ion: 93 Resp: 551768

Ion Ratio Lower Upper

93 100

66 37.6 30.8 46.2

65 19.9 16.0 24.0



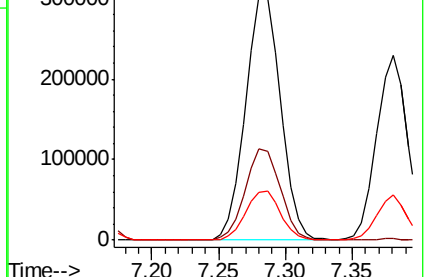
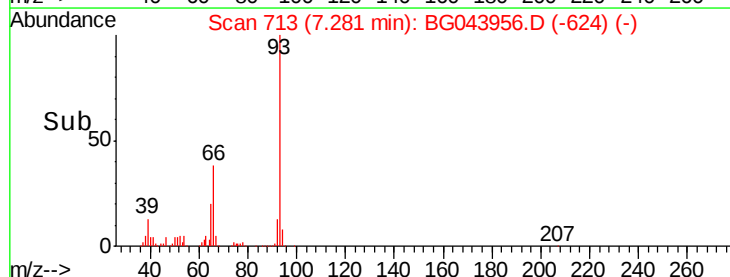
Abundance Ion 93.00 (92.70 to 93.70): BGC

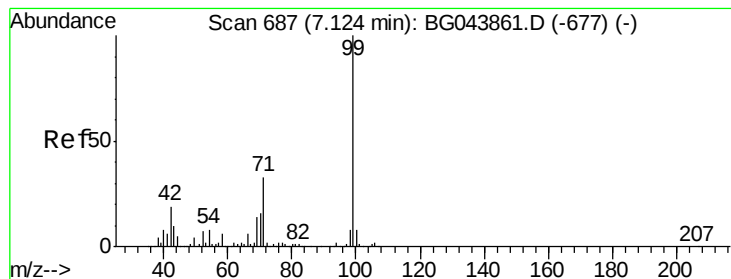
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.28

Time-->





#7

Phenol-d6

Concen: 85.961 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

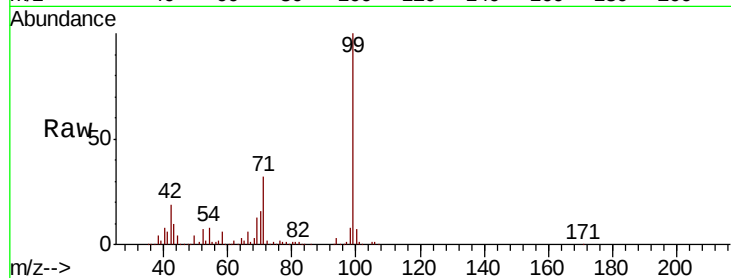
Tot Ion: 99 Resp: 897178

Ion Ratio Lower Upper

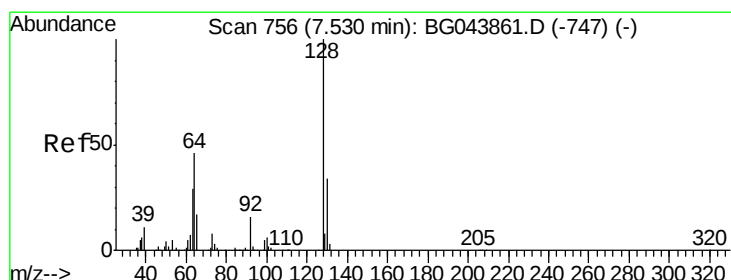
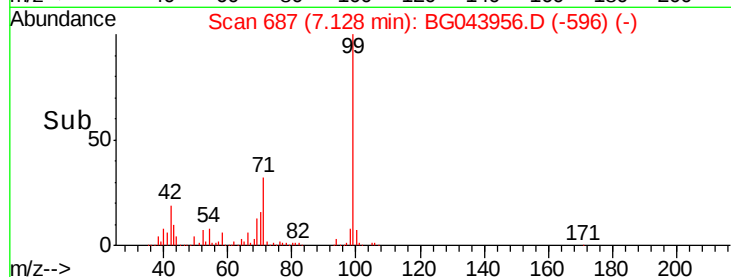
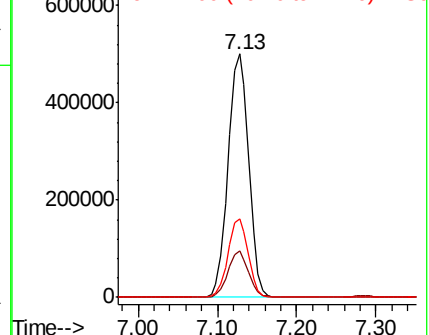
99 100

42 19.4 14.9 22.3

71 32.4 26.4 39.6



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: 41.243 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

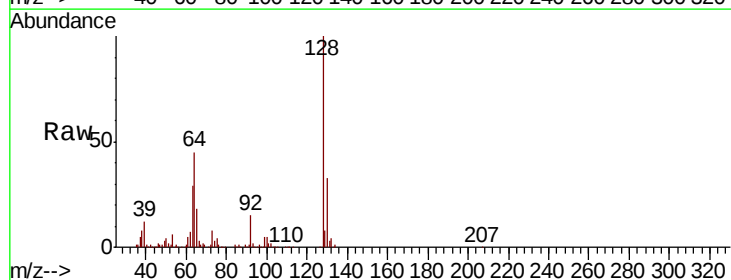
Tgt Ion: 128 Resp: 361522

Ion Ratio Lower Upper

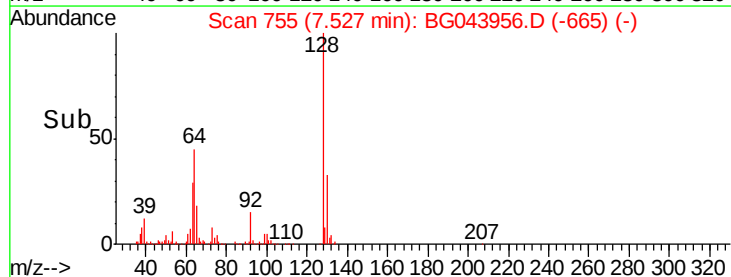
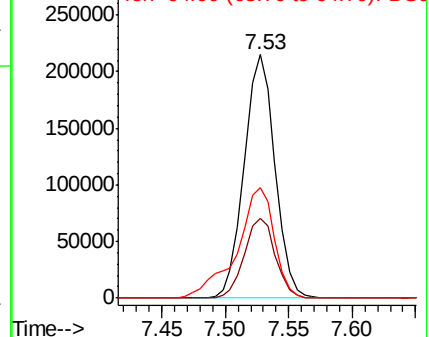
128 100

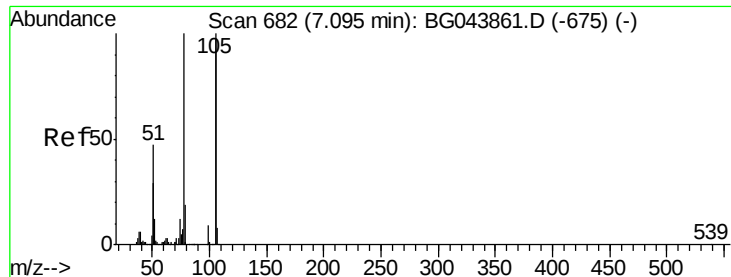
130 33.0 13.8 53.8

64 45.2 27.6 67.6



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: 35.822 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

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ClientSampleId :

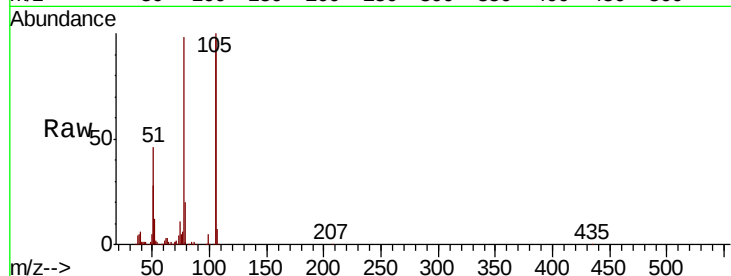
Tot Ion: 77 Resp: 239290

Ion Ratio Lower Upper

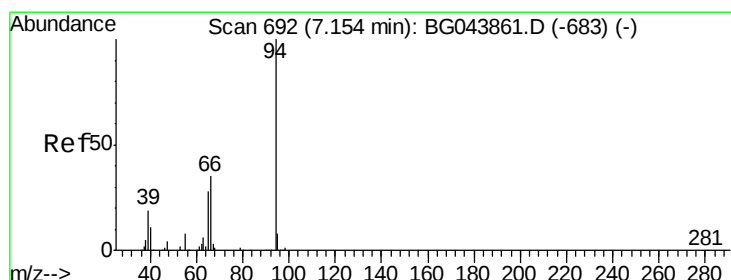
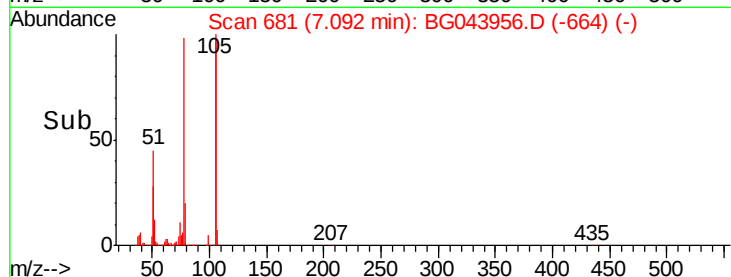
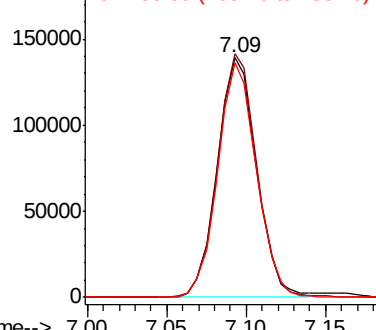
77 100

105 101.8 80.2 120.2

106 98.3 77.2 117.2



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: 42.058 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

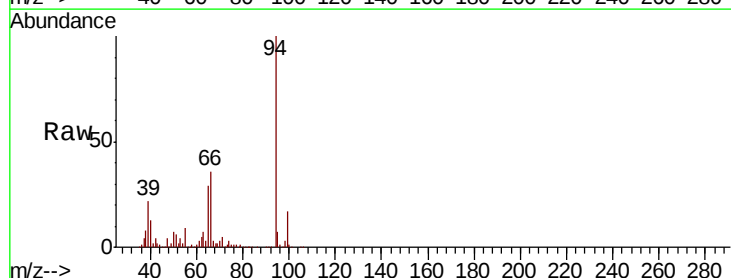
Tgt Ion: 94 Resp: 452267

Ion Ratio Lower Upper

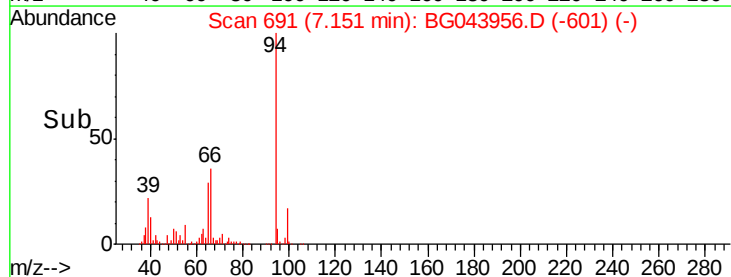
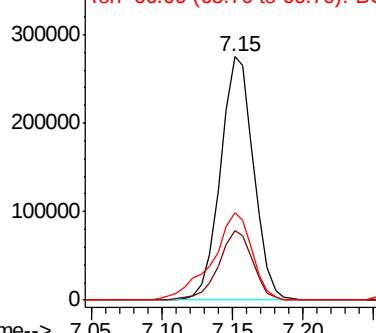
94 100

65 28.8 8.1 48.1

66 35.8 15.6 55.6



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

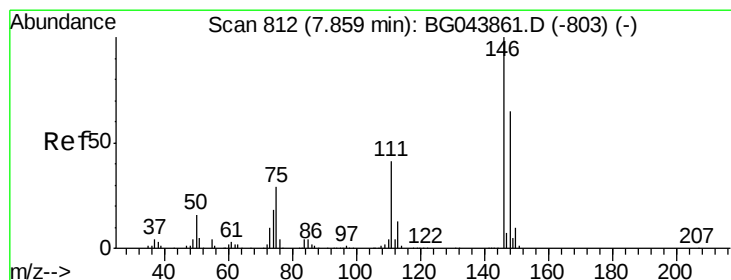
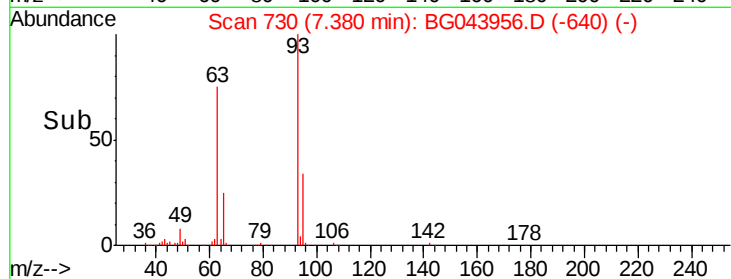
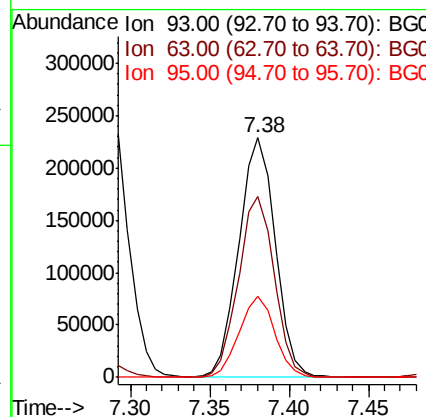
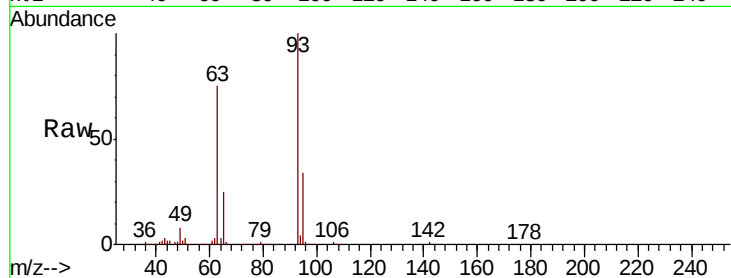




#11
 bis(2-Chloroethyl)ether
 Concen: 39.351 ng
 RT: 7.38 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

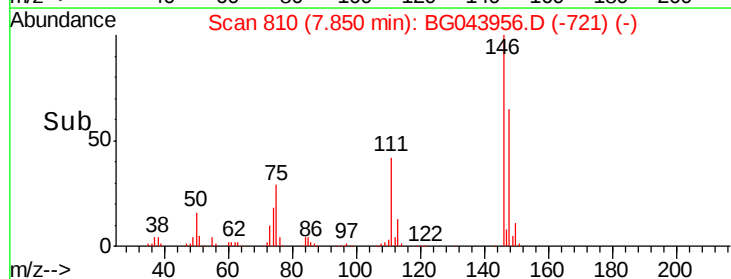
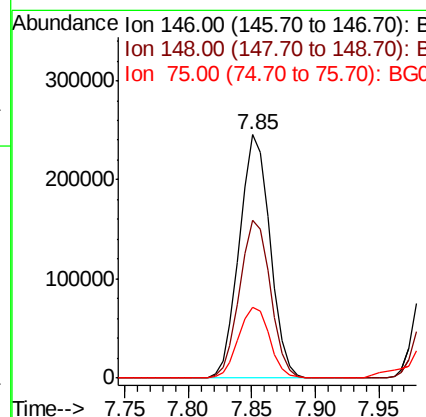
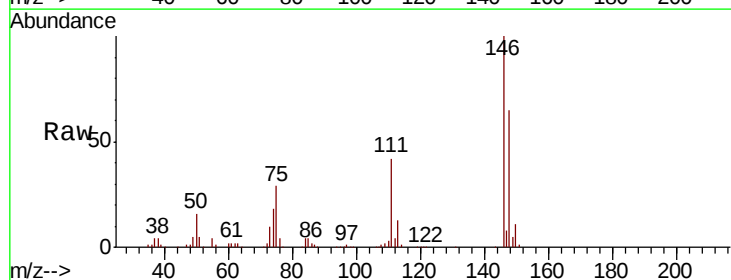
Instrument :
 BNA_G
 ClientSampleId :

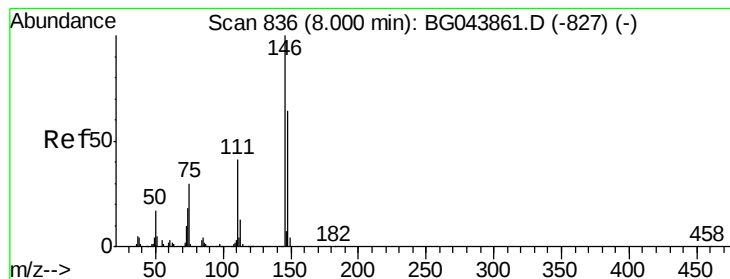
Tot Ion: 93 Resp: 365272
 Ion Ratio Lower Upper
 93 100
 63 75.3 55.0 95.0
 95 33.9 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 40.183 ng
 RT: 7.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Tgt Ion: 146 Resp: 412185
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.1 78.1
 75 29.0 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 40.907 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

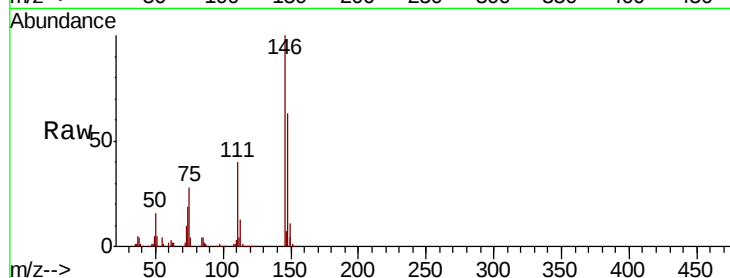
Tot Ion:146 Resp: 414019

Ion Ratio Lower Upper

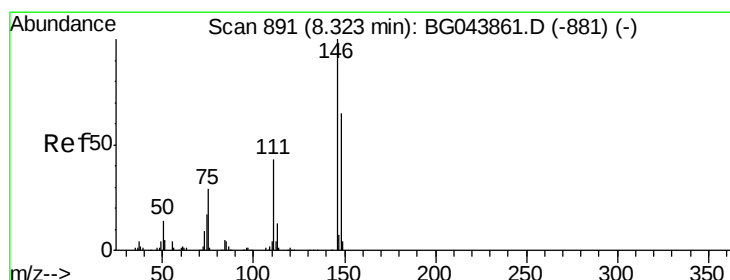
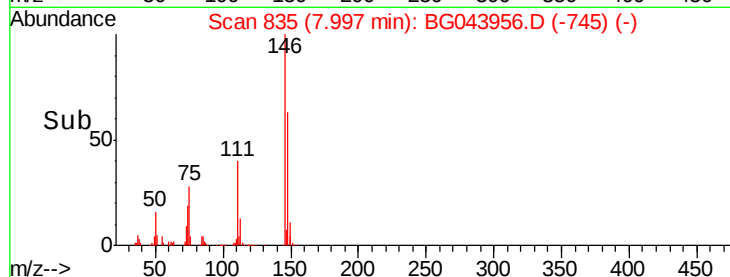
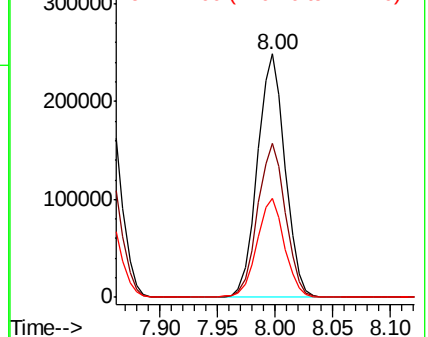
146 100

148 63.0 51.2 76.8

111 40.5 33.1 49.7



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



#14

1,2-Dichlorobenzene

Concen: 40.358 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

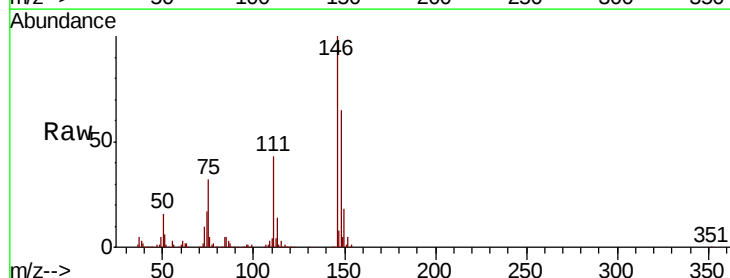
Tgt Ion:146 Resp: 392061

Ion Ratio Lower Upper

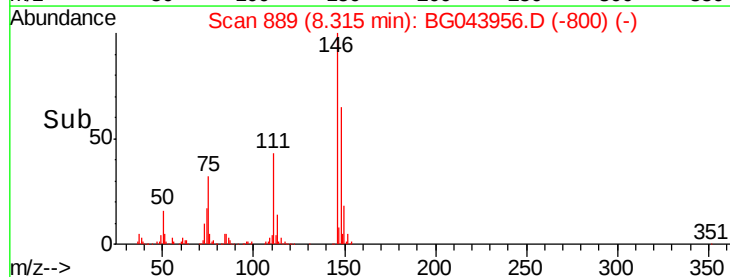
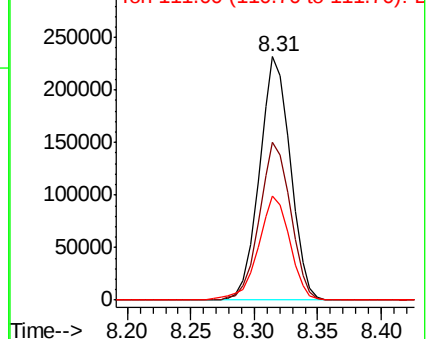
146 100

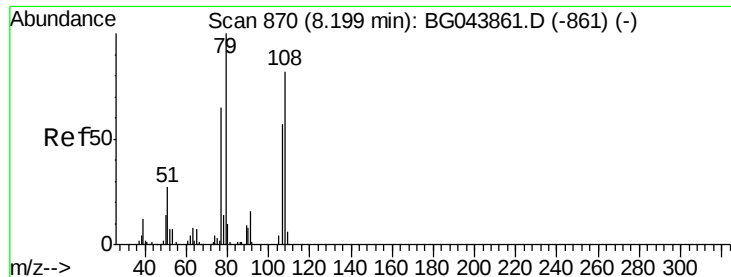
148 64.7 51.7 77.5

111 42.8 34.4 51.6



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





#15

Benzyl Alcohol

Concen: 40.374 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampled :

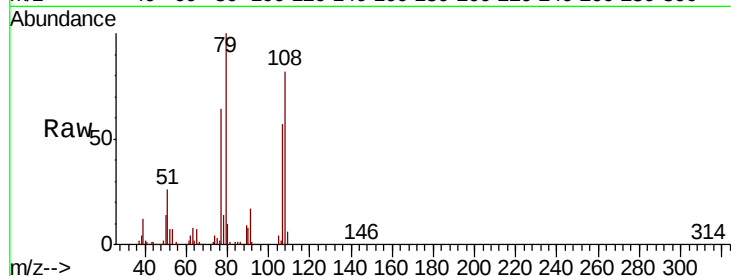
Tot Ion: 79 Resp: 332566

Ion Ratio Lower Upper

79 100

108 82.4 65.6 98.4

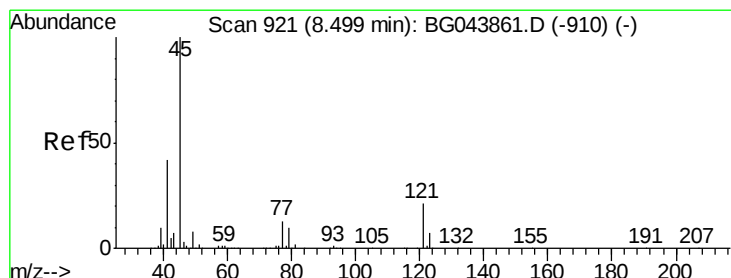
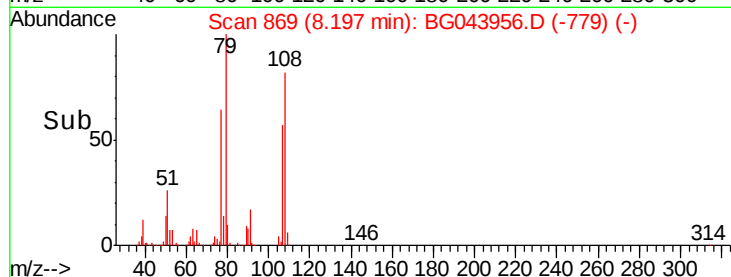
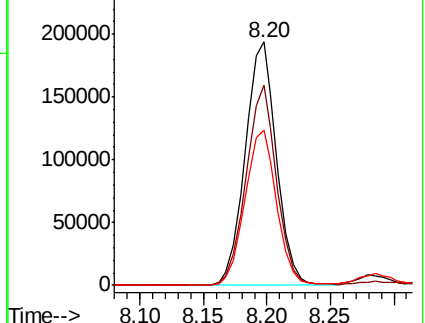
77 63.7 52.0 78.0



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: 38.163 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

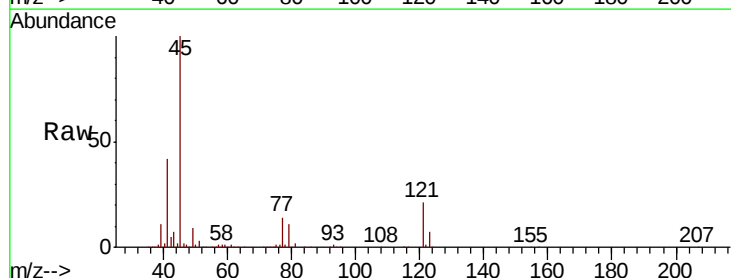
Tgt Ion: 45 Resp: 548059

Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.8

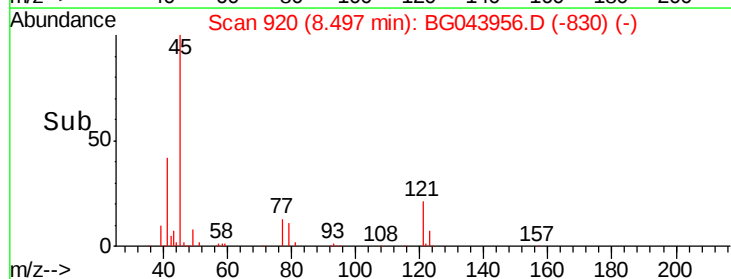
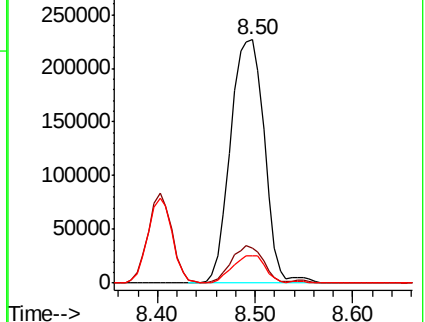
79 11.5 0.0 31.0

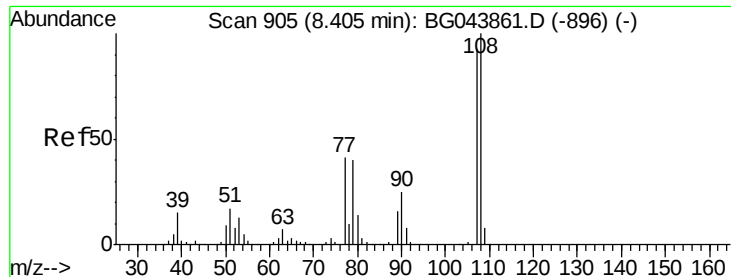


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

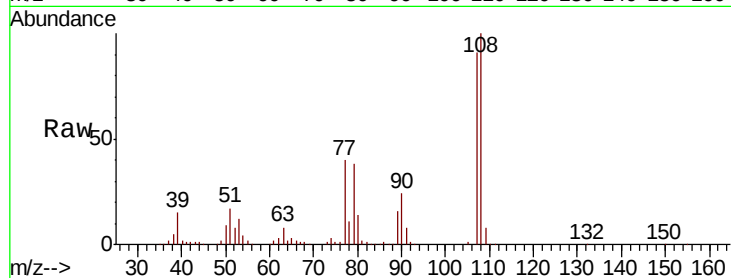




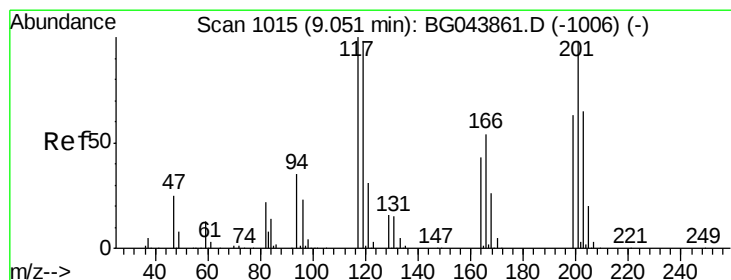
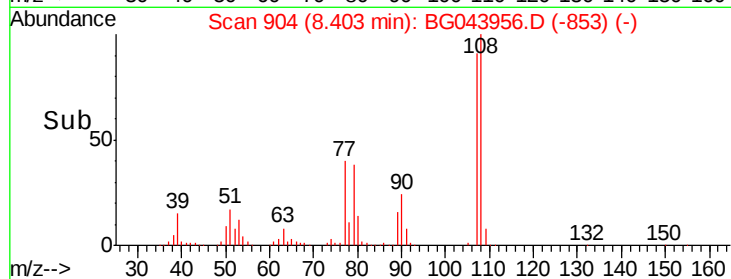
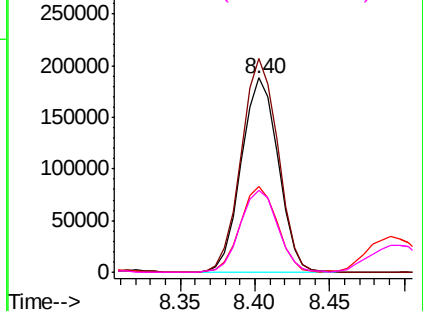
#17
2-Methylphenol
Concen: 41.299 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 321381
Ion Ratio Lower Upper
107 100
108 109.9 86.1 129.1
77 44.4 35.4 53.0
79 42.1 34.8 52.2

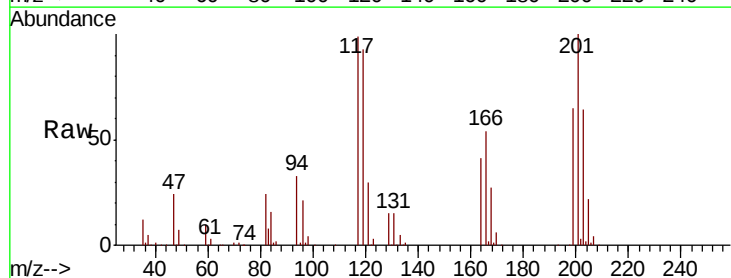


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

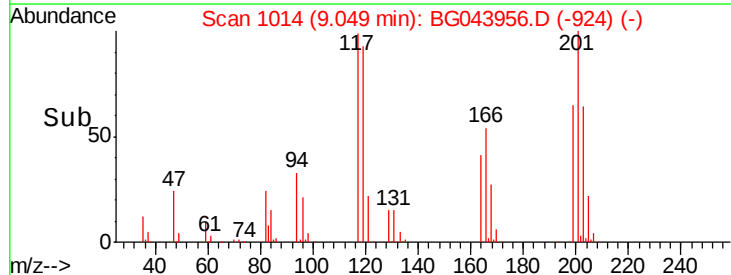
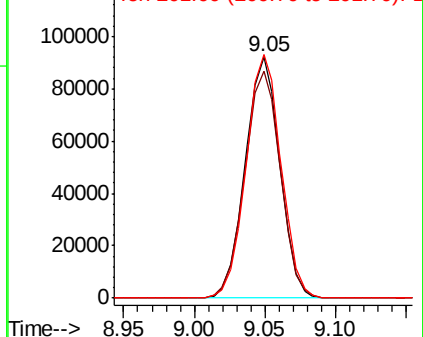


#18
Hexachloroethane
Concen: 40.273 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:117 Resp: 158604
Ion Ratio Lower Upper
117 100
119 94.0 78.1 117.1
201 100.7 78.6 117.8



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

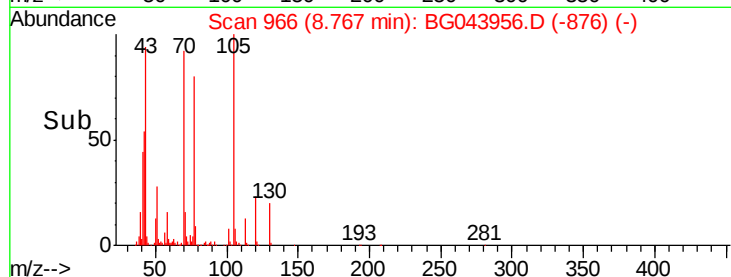
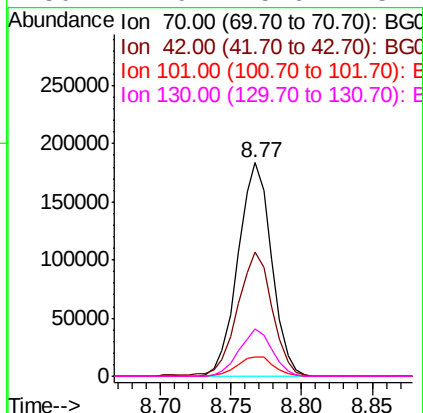
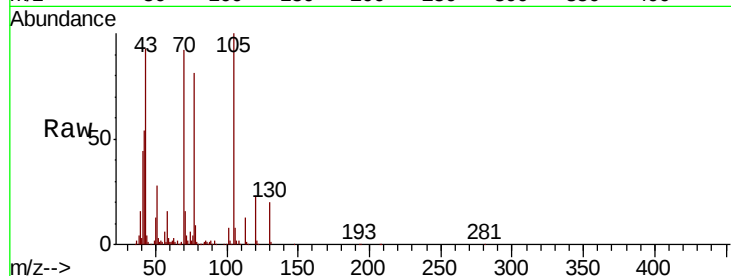




#19
n-Nitroso-di-n-propylamine
Concen: 39.359 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

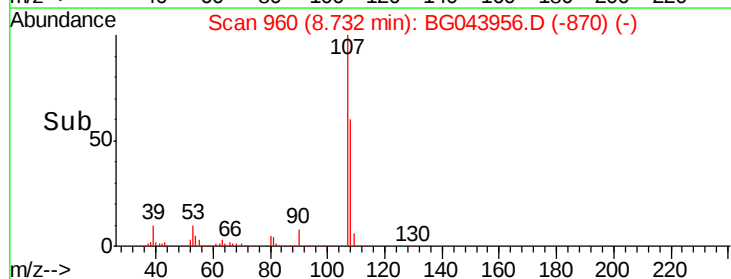
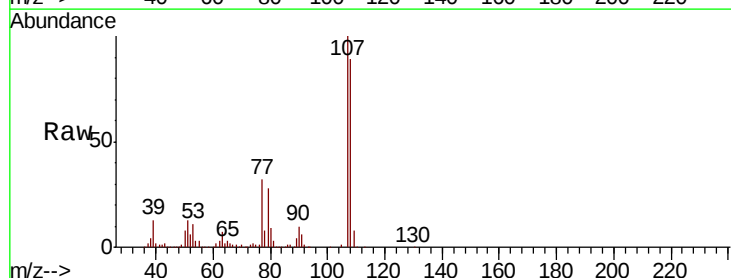
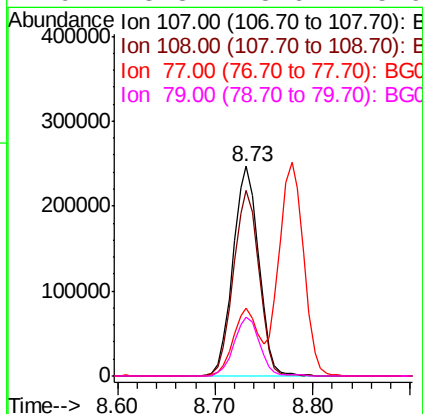
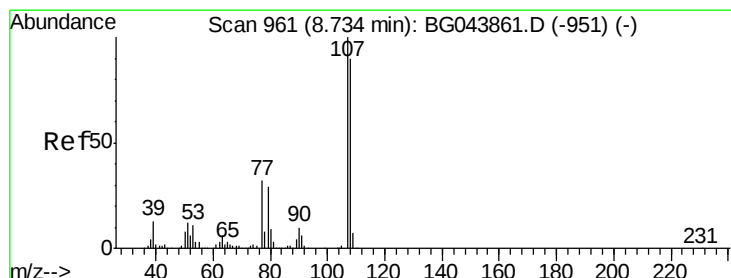
Instrument :
BNA_G
ClientSampleId :

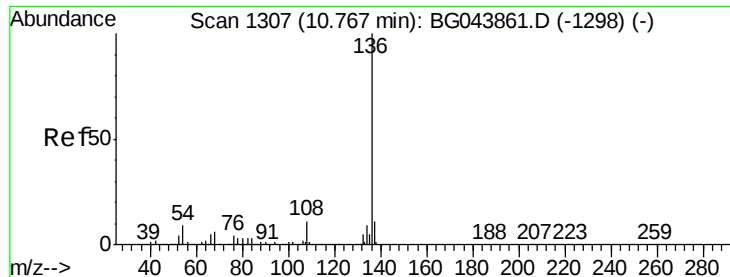
Tot Ion:	70	Resp:	305923
Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.0	70.4
101	9.2	7.2	10.8
130	21.9	15.6	23.4



#20
3+4-Methylphenols
Concen: 41.823 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:	107	Resp:	454022
Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.3	110.3
77	32.3	12.4	52.4
79	28.3	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043956.D

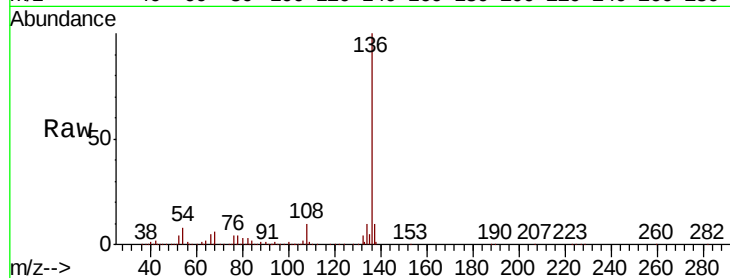
Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp: 593389
Ion Ratio	Lower Upper
136 100	
137 10.2	8.8 13.2
54 7.5	7.0 10.4
68 5.8	4.9 7.3



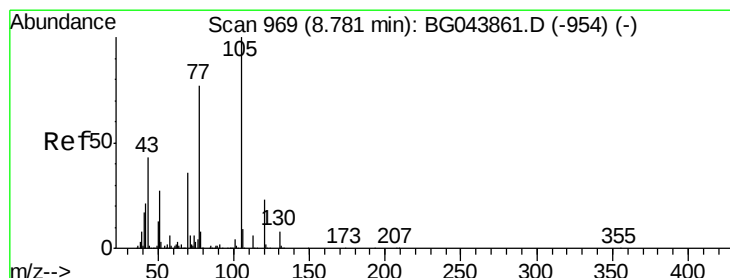
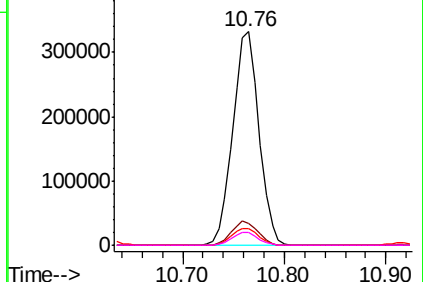
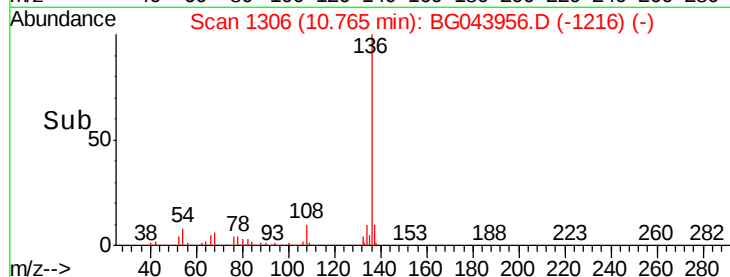
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.023 ng

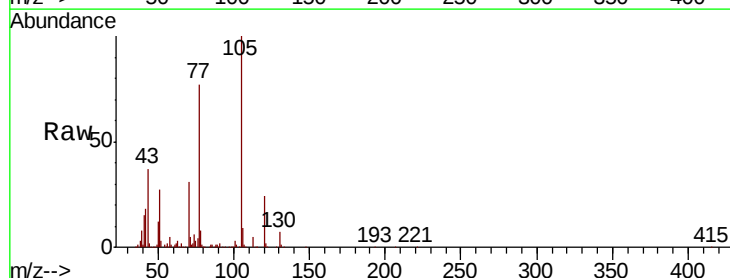
RT: 8.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Tgt	Ion:105	Resp:	575671
Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.8	7.2
51	27.3	21.4	32.0
120	23.9	18.6	28.0



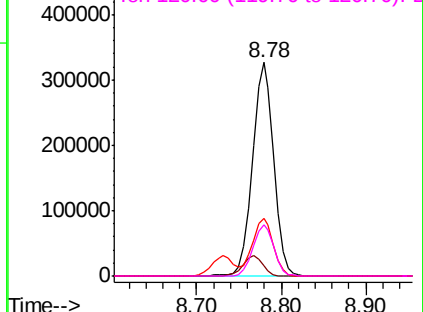
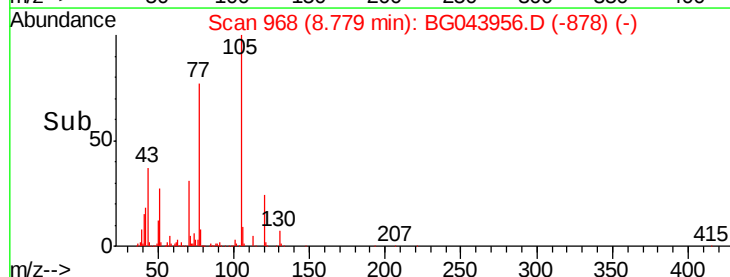
Abundance

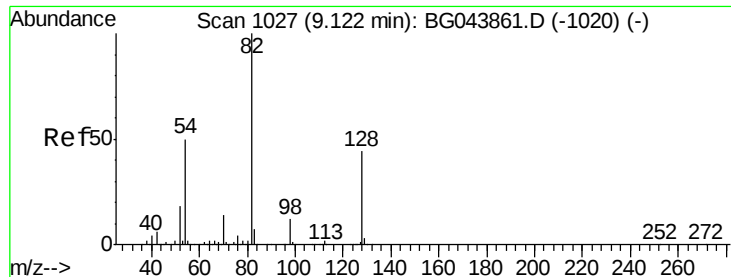
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

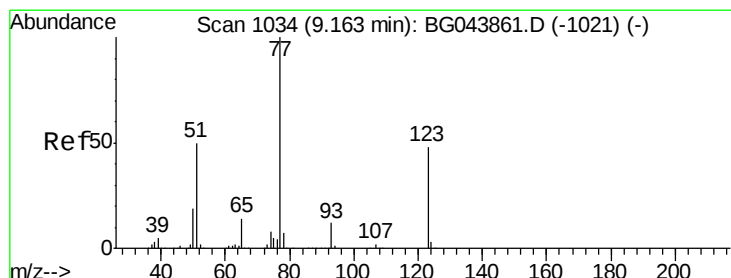
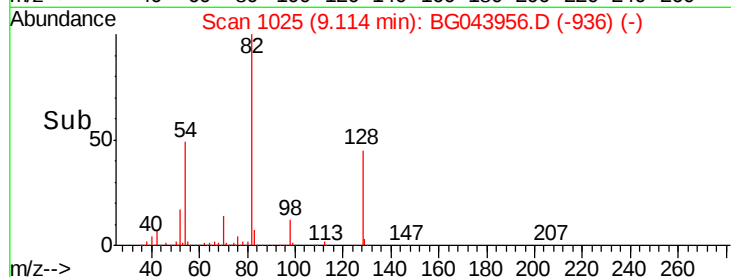
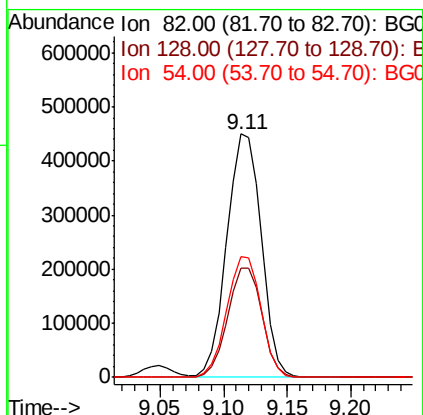
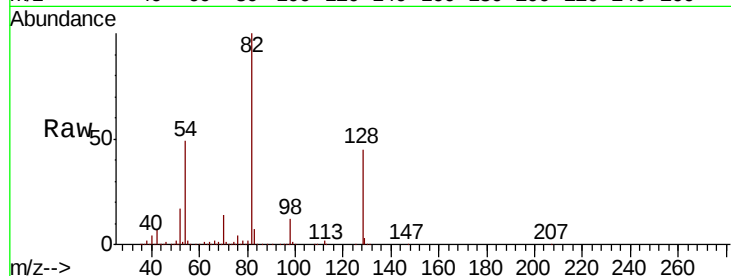




#23
Nitrobenzene-d5
Concen: 76.116 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

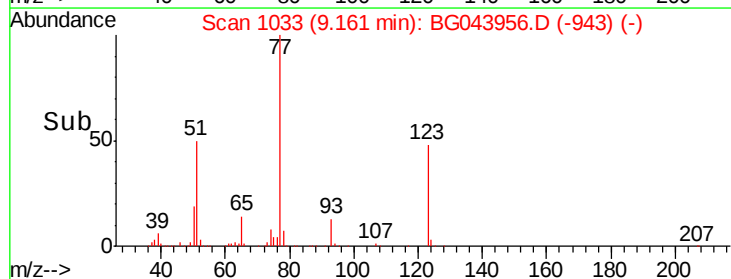
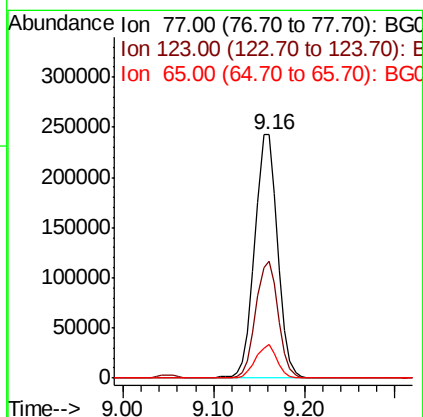
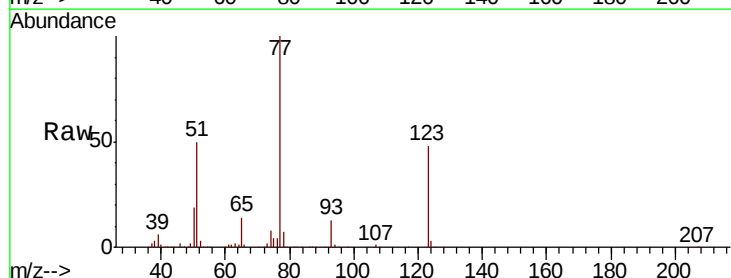
Instrument :
BNA_G
ClientSampleId :

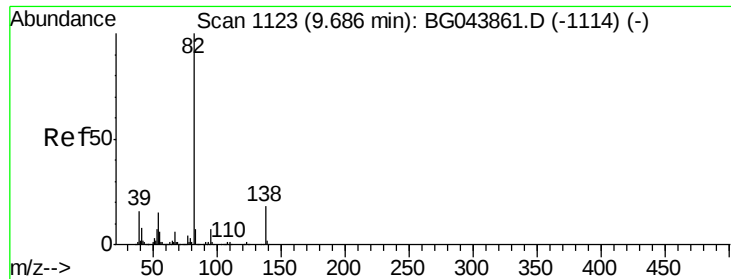
Tot Ion	82	Resp	844293
Ion Ratio	Lower	Upper	
82	100		
128	44.9	35.1	52.7
54	49.5	40.1	60.1



#24
Nitrobenzene
Concen: 38.760 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion	77	Resp	425819
Ion Ratio	Lower	Upper	
77	100		
123	48.3	38.7	58.1
65	13.8	11.1	16.7





#25

Isophorone

Concen: 38.726 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

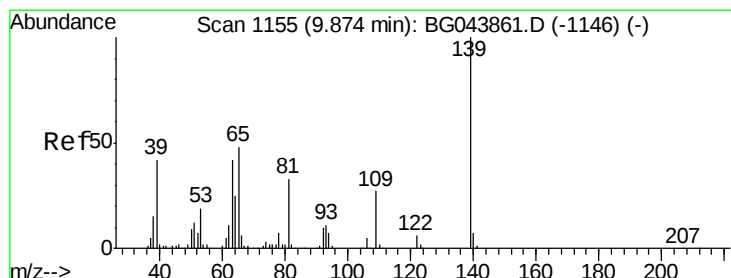
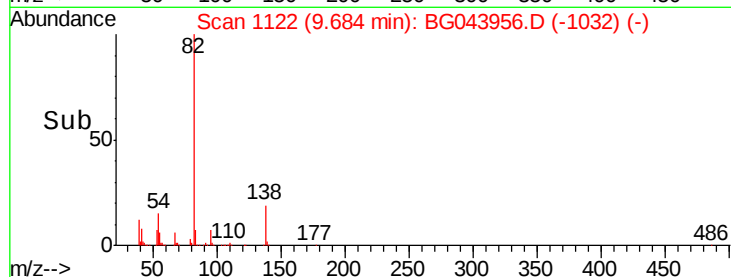
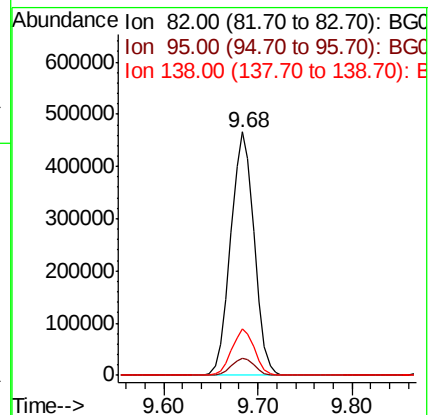
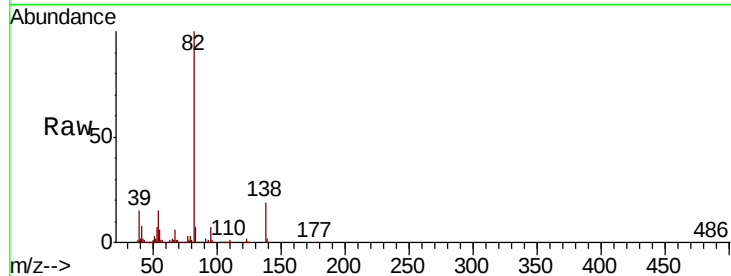
Tot Ion: 82 Resp: 805896

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 19.1 14.6 22.0



#26

2-Nitrophenol

Concen: 41.330 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

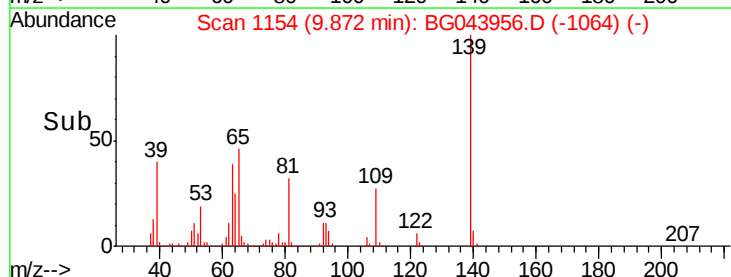
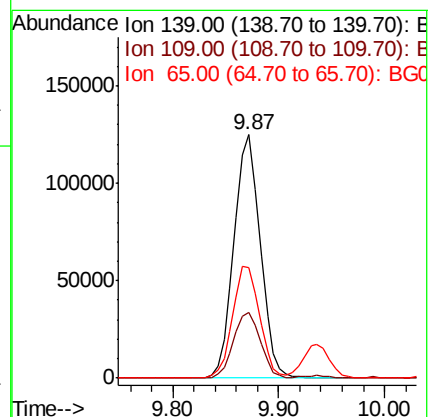
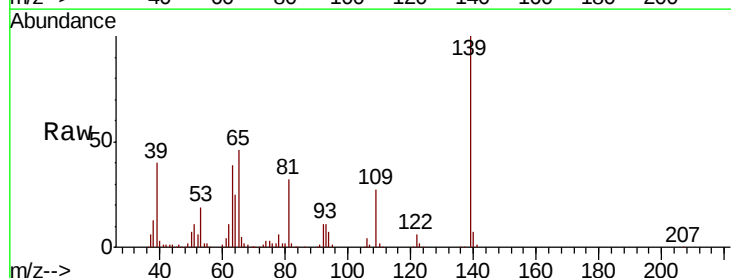
Tgt Ion: 139 Resp: 214821

Ion Ratio Lower Upper

139 100

109 27.1 21.3 31.9

65 45.6 38.6 57.8

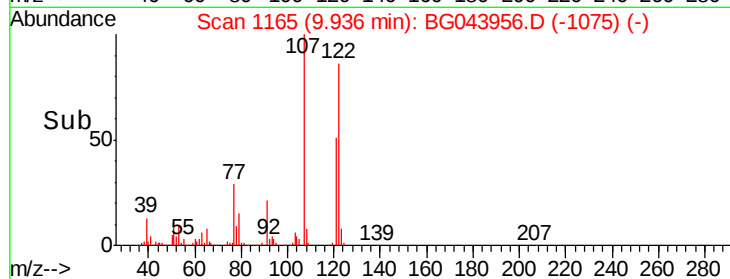
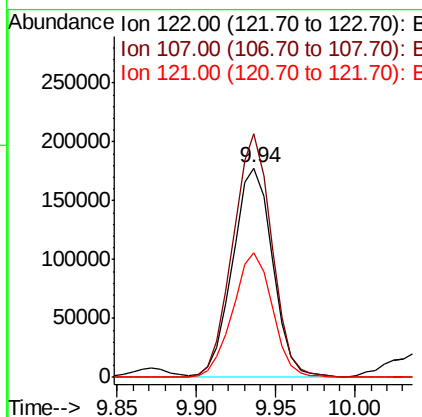
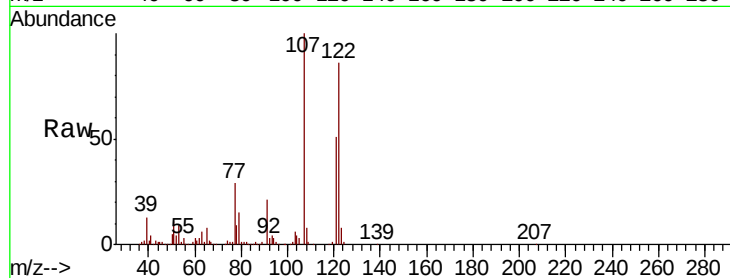




#27
 2,4-Dimethylphenol
 Concen: 39.513 ng
 RT: 9.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

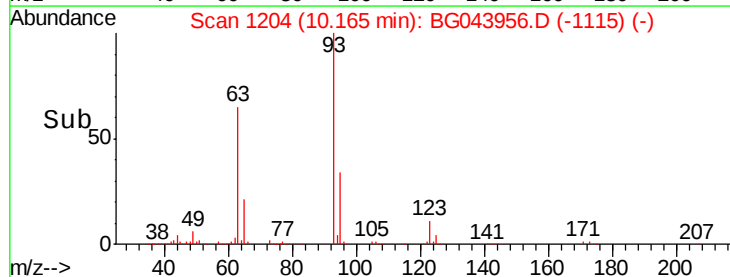
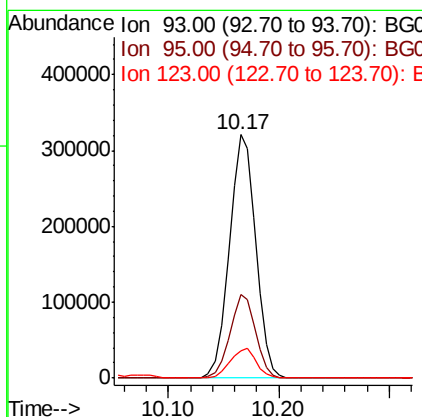
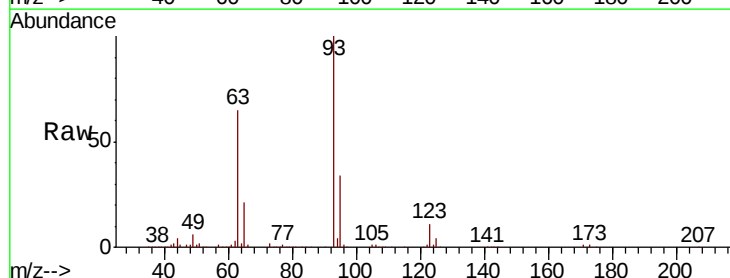
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	88.0	132.0
121	59.2	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.541 ng
 RT: 10.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	27.2	40.8
123	11.3	9.7	14.5

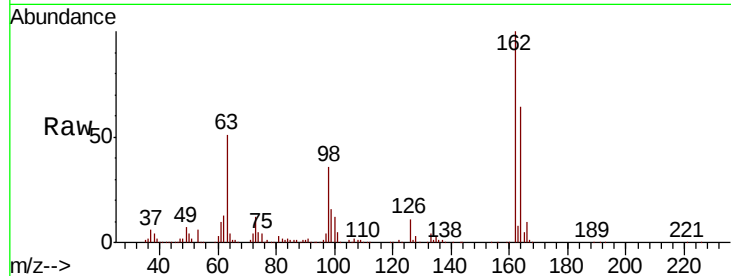




#29
2,4-Dichlorophenol
Concen: 41.052 ng
RT: 10.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	46.3	86.3
98	36.2	17.3	57.3

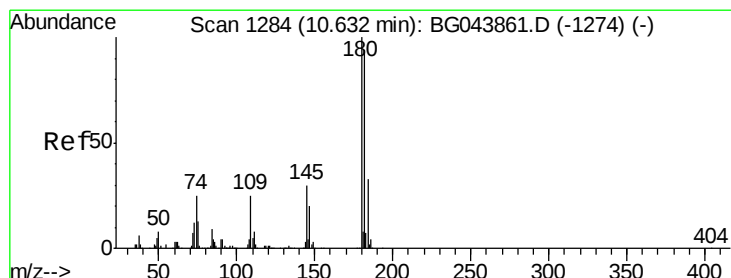
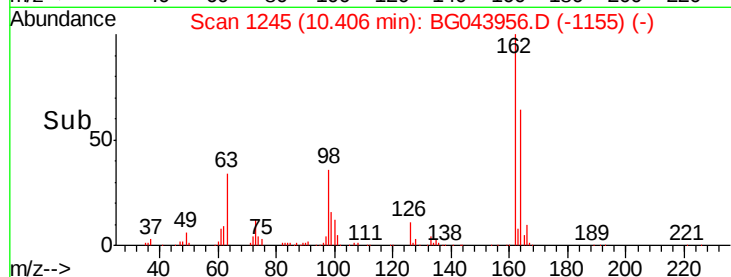
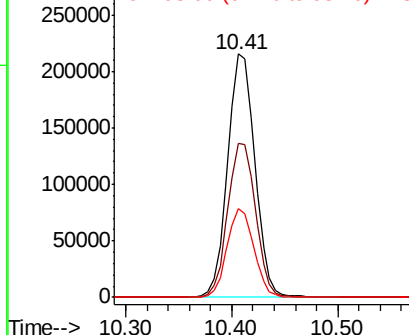


Abundance

Ion 162.00 (161.70 to 162.70): E

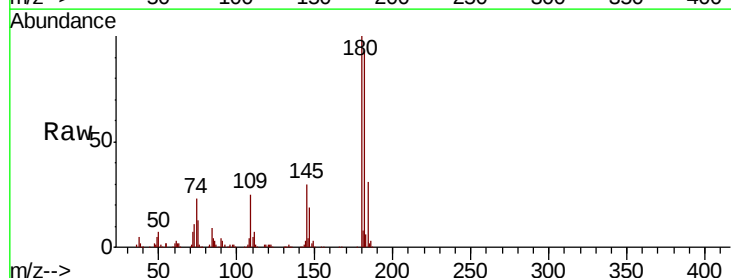
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 39.475 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.0	112.4
145	30.0	24.2	36.4

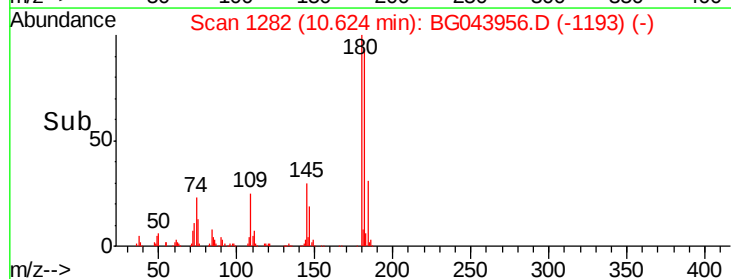
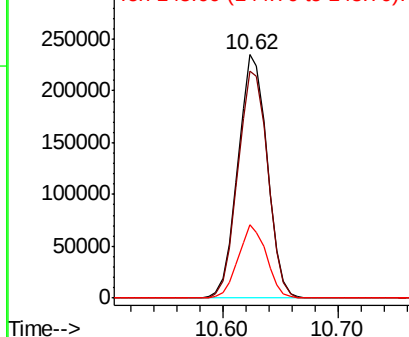


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

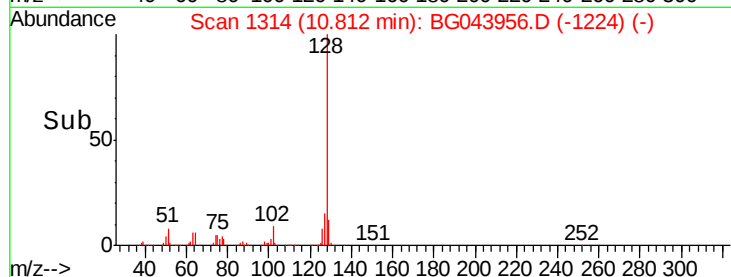
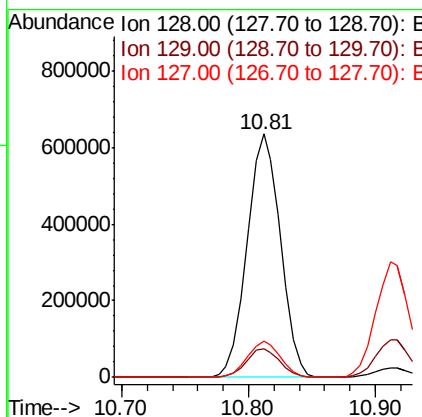
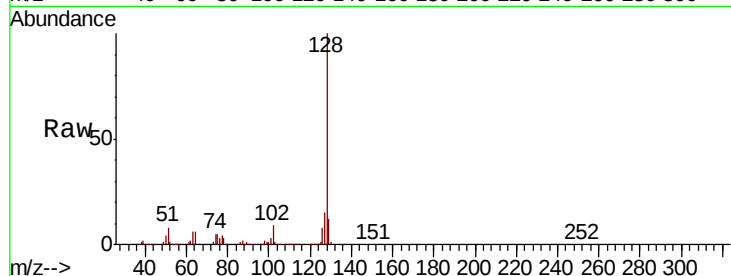




#31
Naphthalene
Concen: 40.419 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

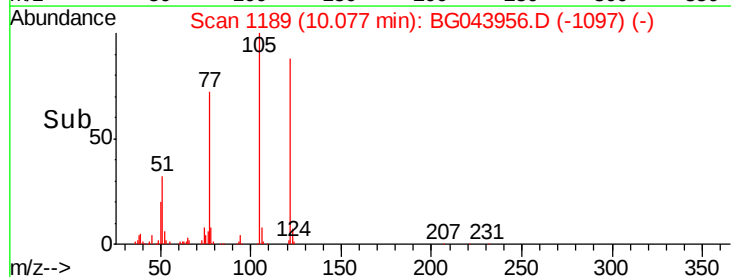
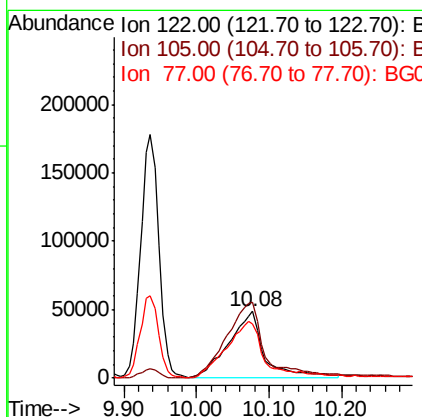
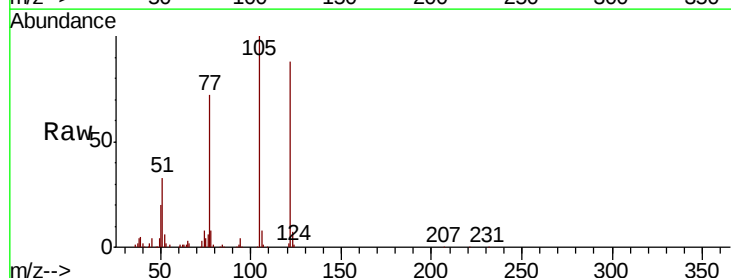
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 1160617
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.6
127 14.9 12.0 18.0



#32
Benzoic acid
Concen: 28.338 ng
RT: 10.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:122 Resp: 161764
Ion Ratio Lower Upper
122 100
105 113.8 106.4 146.4
77 82.2 74.6 114.6

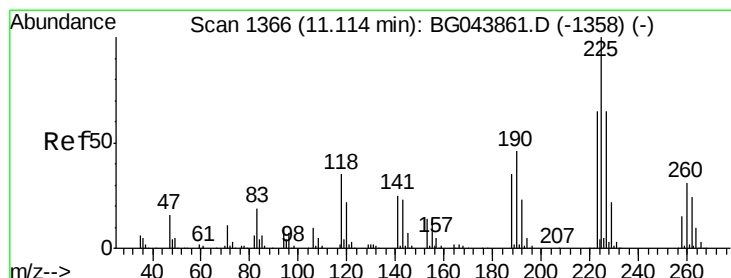
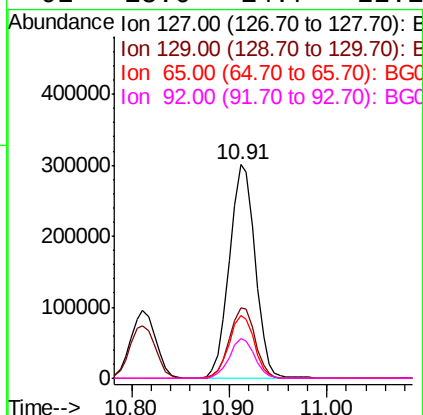
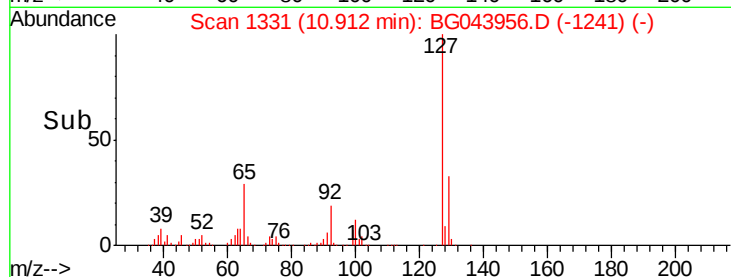
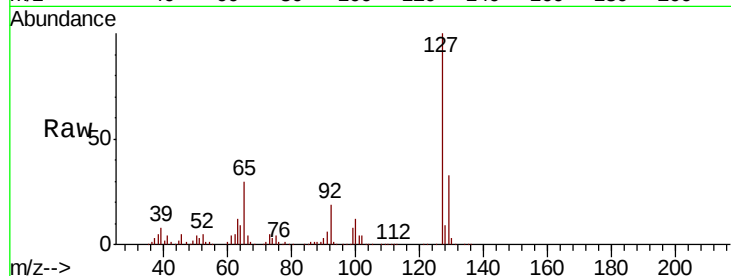




#33
4-Chloroaniline
Concen: 40.233 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

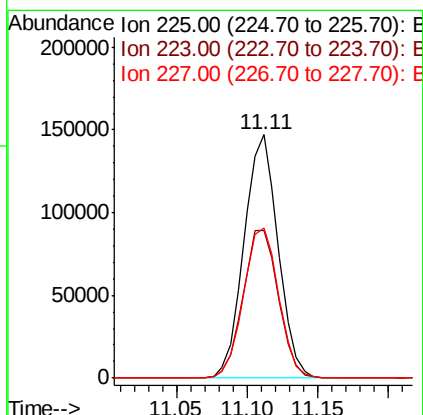
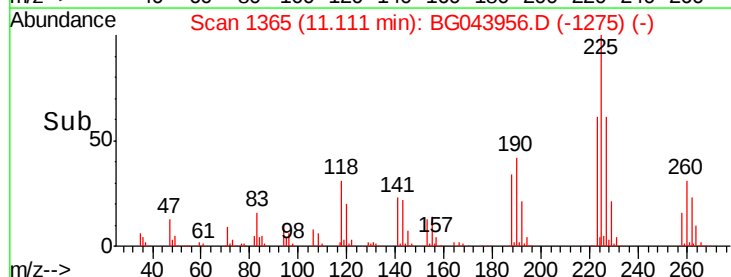
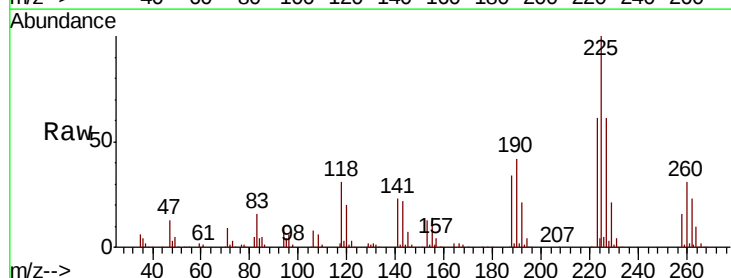
Instrument :
BNA_G
ClientSampleId :

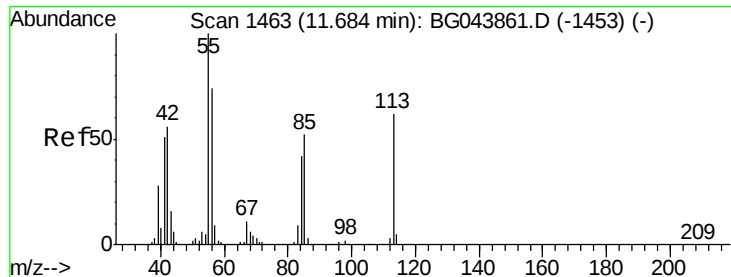
Tot Ion:	127	Resp:	551033
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	40.0
65	29.5	23.3	34.9
92	18.6	14.7	22.1



#34
Hexachlorobutadiene
Concen: 38.850 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:	225	Resp:	248212
Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.2	78.4
227	61.4	52.1	78.1





#35

Caprolactam

Concen: 40.934 ng

RT: 11.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

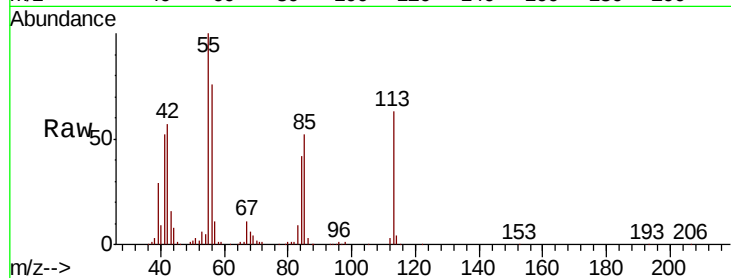
Tot Ion:113 Resp: 142215

Ion Ratio Lower Upper

113 100

55 157.7 142.5 182.5

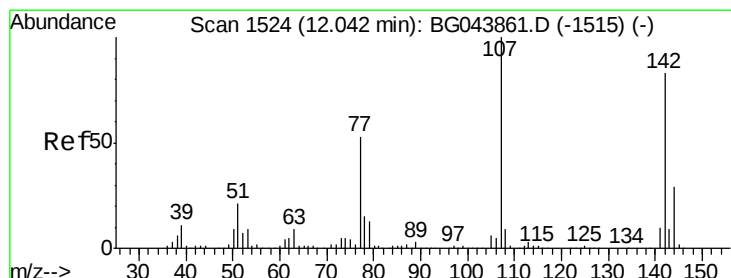
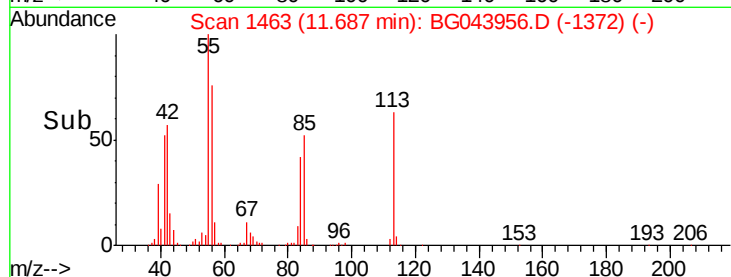
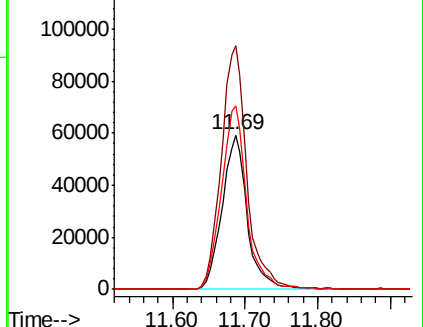
56 119.1 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.667 ng

RT: 12.04 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

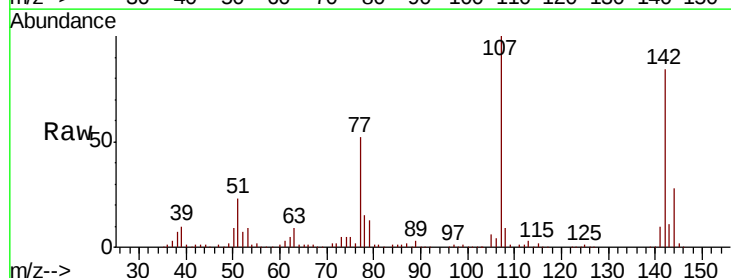
Tgt Ion:107 Resp: 413972

Ion Ratio Lower Upper

107 100

144 28.5 23.4 35.2

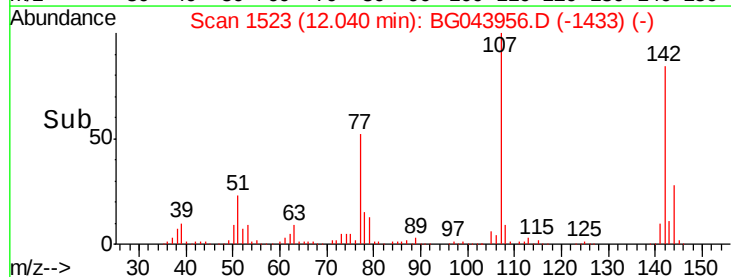
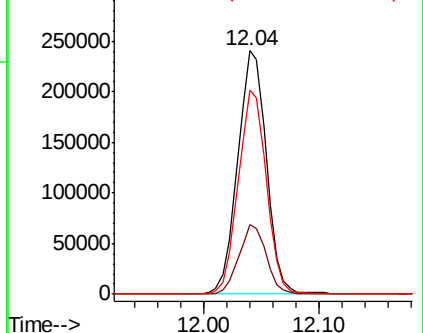
142 83.8 66.3 99.5

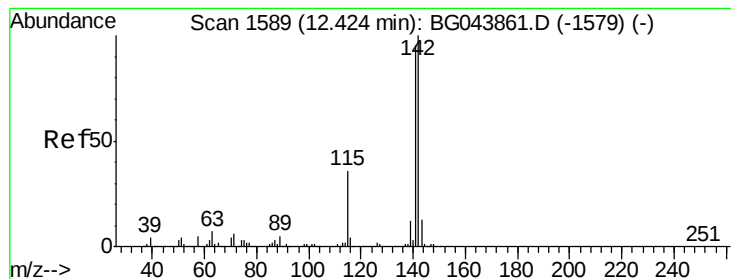


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.752 ng

RT: 12.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

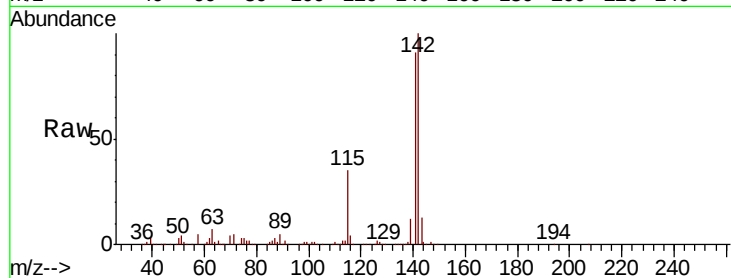
Tot Ion:142 Resp: 880993

Ion Ratio Lower Upper

142 100

141 90.6 75.8 113.8

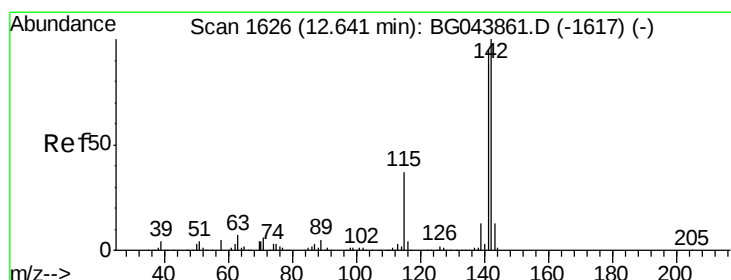
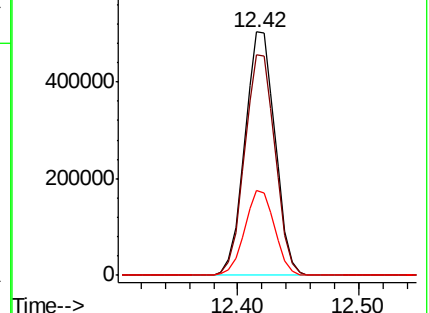
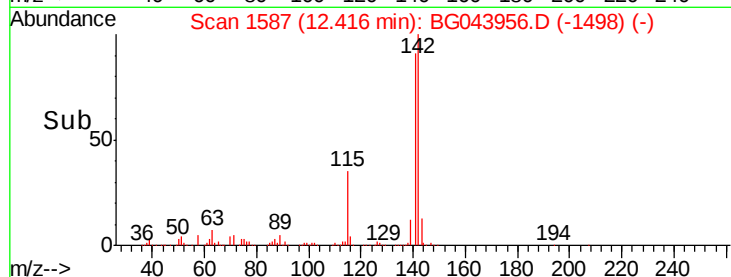
115 35.0 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.382 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

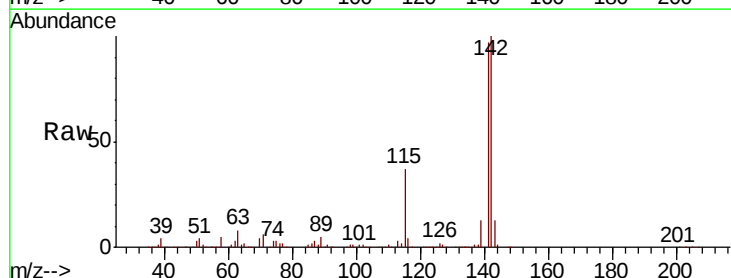
Tgt Ion:142 Resp: 827394

Ion Ratio Lower Upper

142 100

141 96.8 76.0 114.0

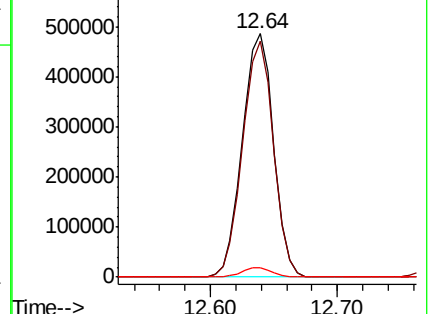
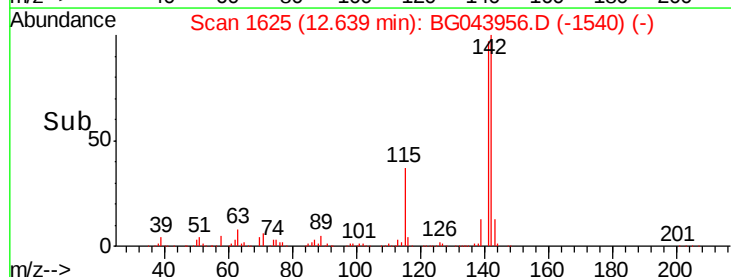
116 3.7 3.1 4.7

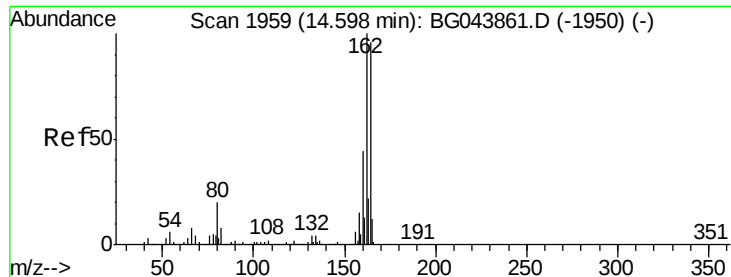


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

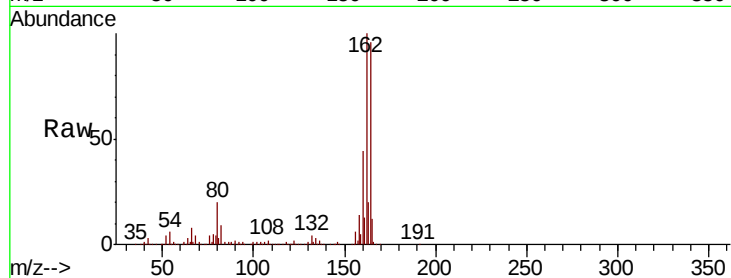
Tot Ion:164 Resp: 388879

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

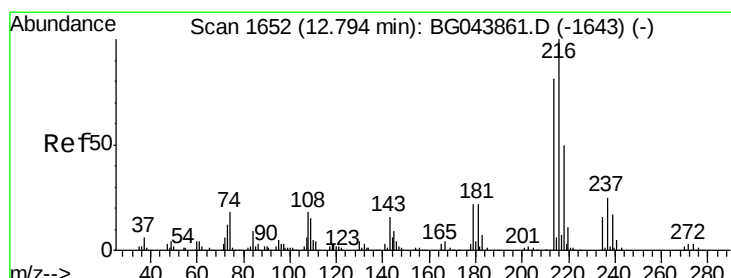
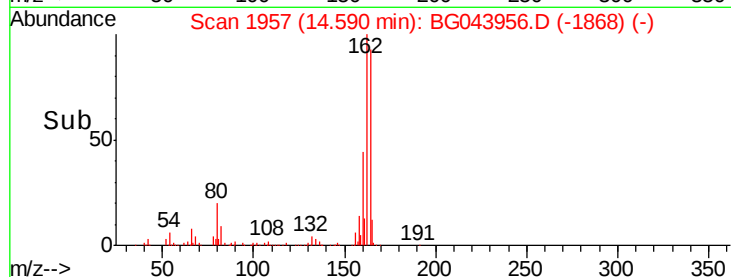
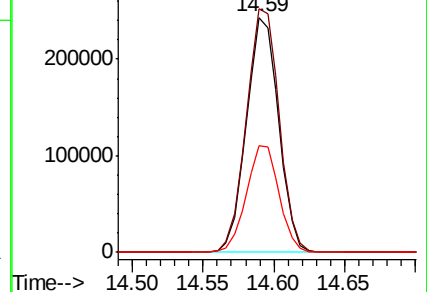
160 45.4 36.1 54.1



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: 39.491 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Tgt Ion:216 Resp: 450124

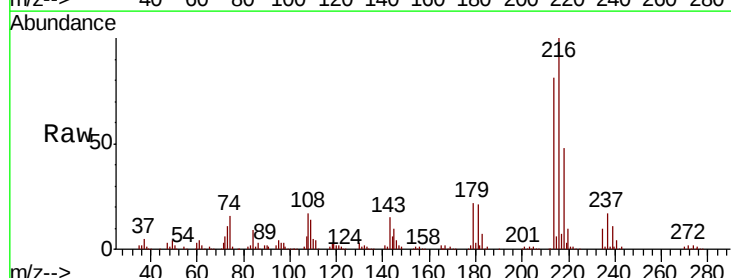
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.8

179 21.7 17.3 25.9

108 18.4 15.3 22.9

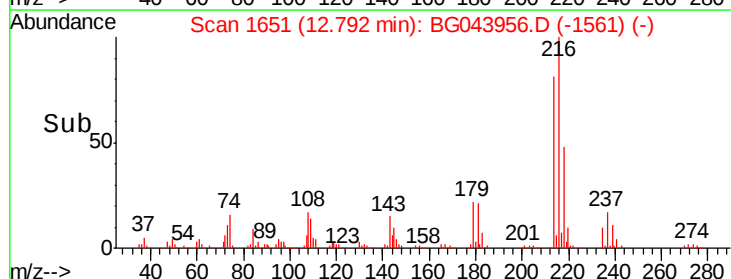
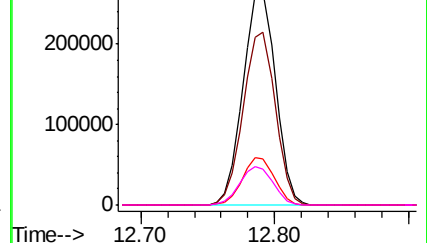


Abundance Ion 216.00 (215.70 to 216.70): E

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

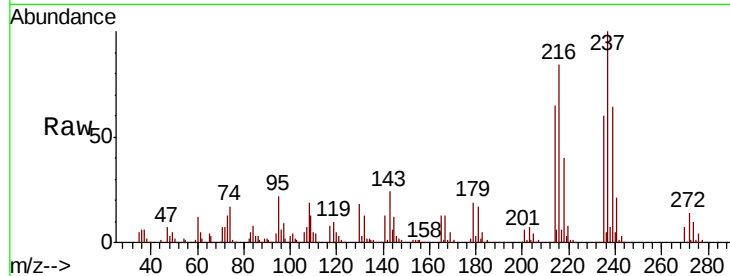




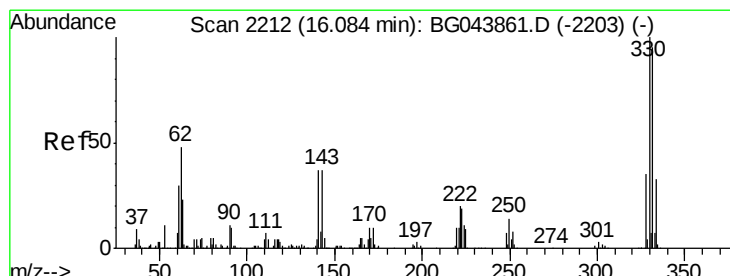
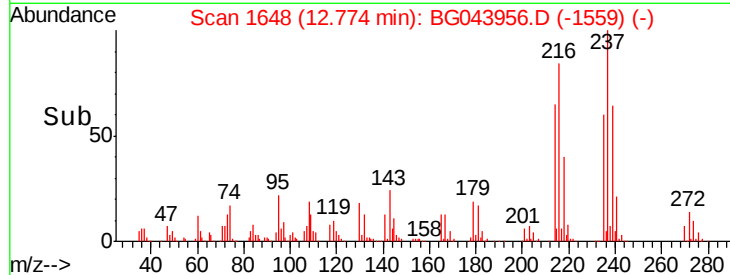
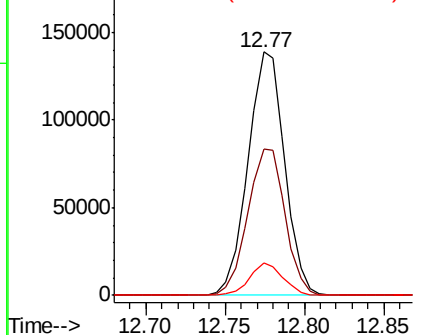
#41
 Hexachlorocyclopentadiene
 Concen: 37.659 ng
 RT: 12.77 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:237 Resp: 222535
 Ion Ratio Lower Upper
 237 100
 235 60.3 41.1 81.1
 272 13.5 0.0 31.7

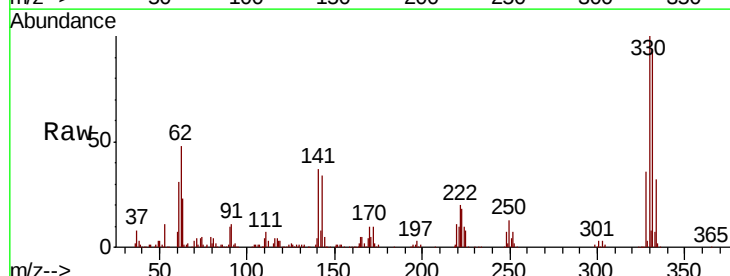


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

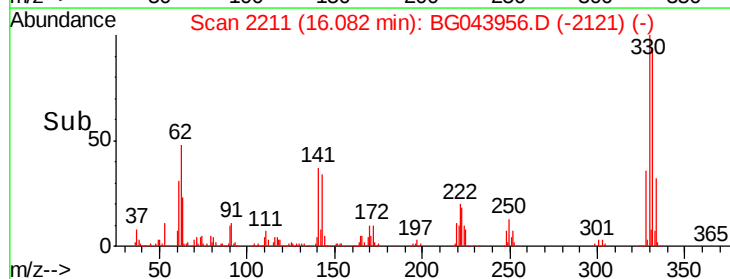
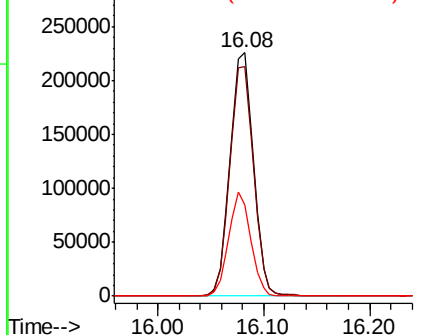


#42
 2,4,6-Tribromophenol
 Concen: 84.763 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Tgt Ion:330 Resp: 344948
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.2 115.8
 141 40.5 33.1 49.7



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

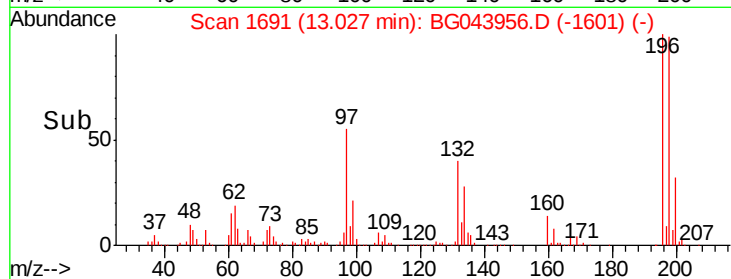
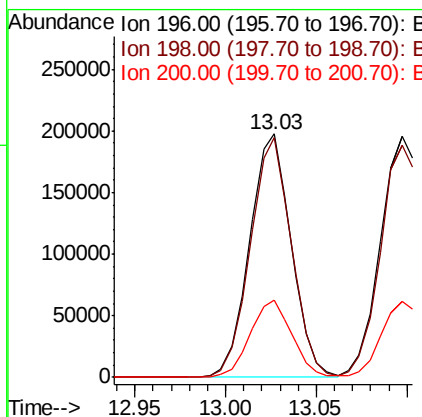
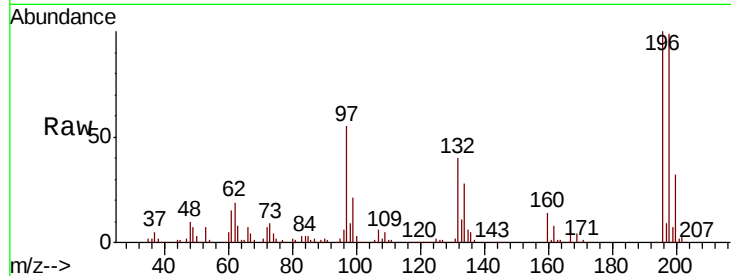




#43
 2,4,6-Trichlorophenol
 Concen: 40.183 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

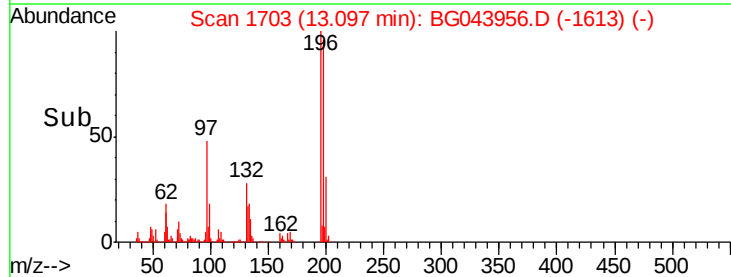
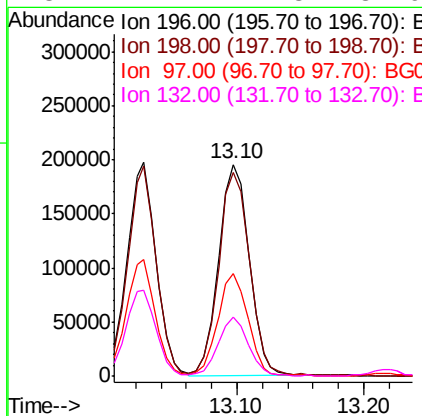
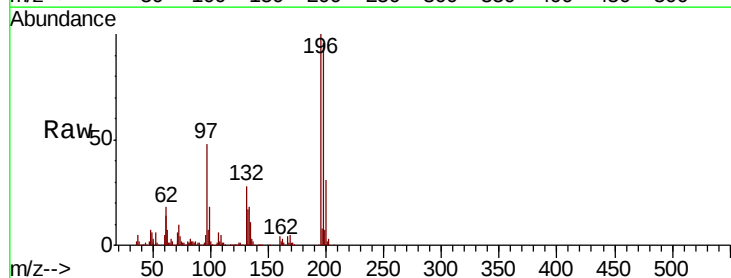
Instrument :
 BNA_G
 ClientSampleId :

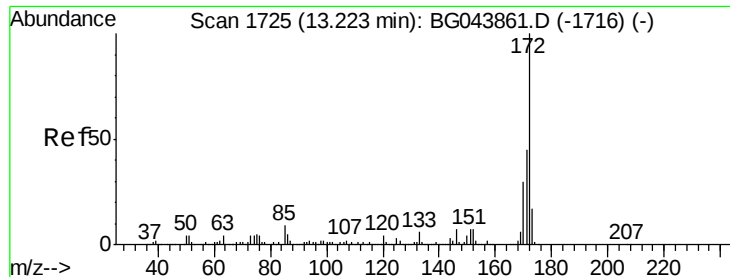
Tot Ion:196 Resp: 315150
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.6 115.0
 200 31.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.569 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Tgt Ion:196 Resp: 328155
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.3 117.5
 97 48.3 38.8 58.2
 132 27.7 21.3 31.9

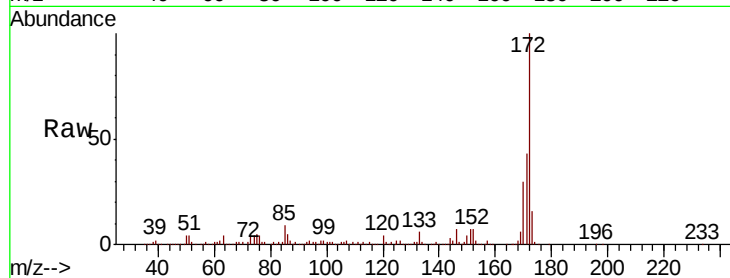




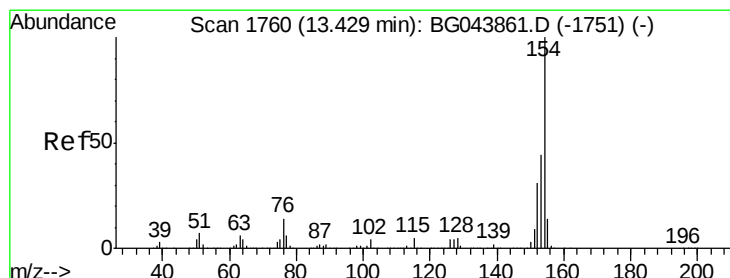
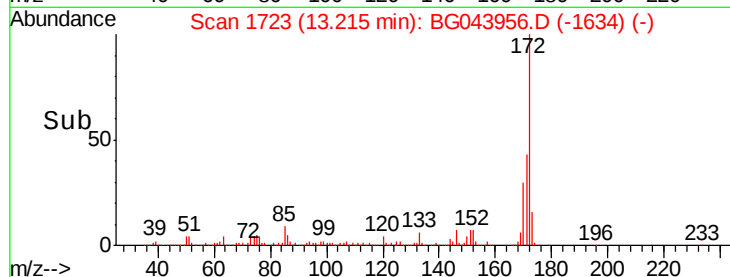
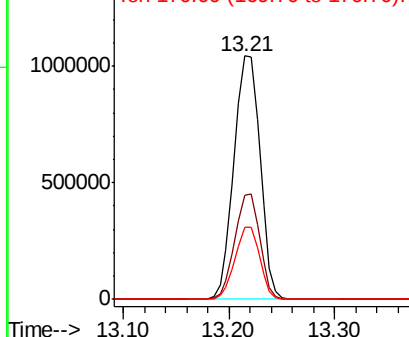
#45
2-Fluorobiphenyl
Concen: 82.971 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1780897
Ion Ratio Lower Upper
172 100
171 42.6 35.8 53.8
170 29.8 24.2 36.4

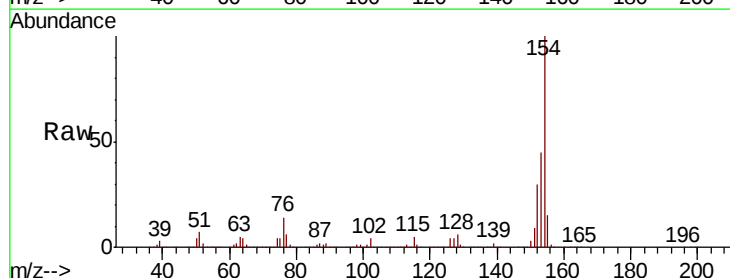


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

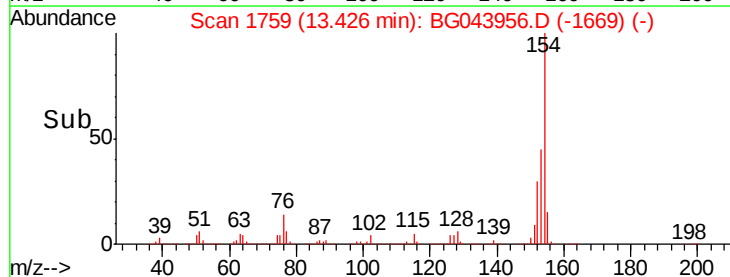
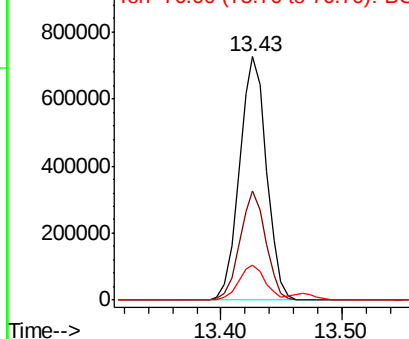


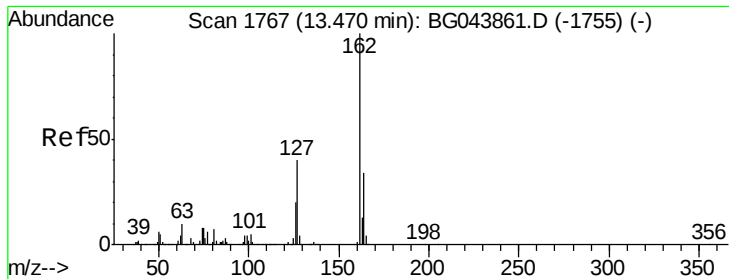
#46
1,1'-Biphenyl
Concen: 40.426 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:154 Resp: 1127156
Ion Ratio Lower Upper
154 100
153 44.7 23.6 63.6
76 14.4 0.0 34.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

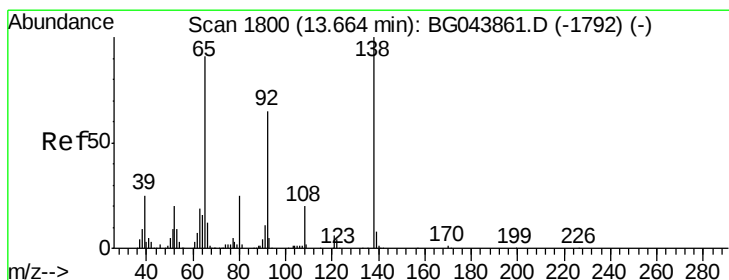
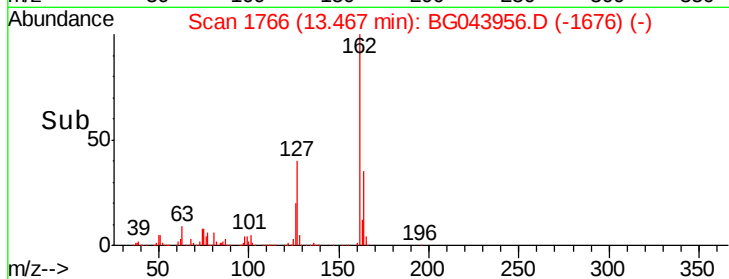
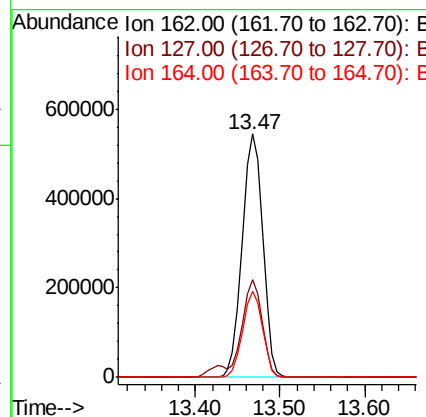
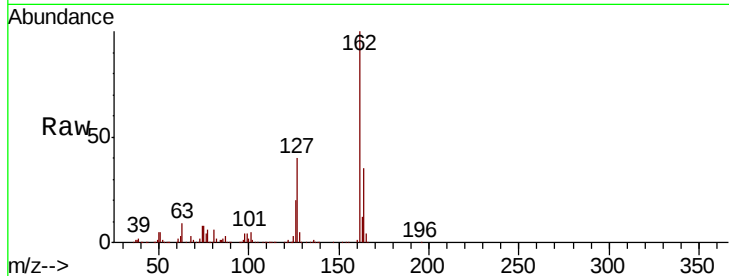




#47
 2-Chloronaphthalene
 Concen: 40.250 ng
 RT: 13.47 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

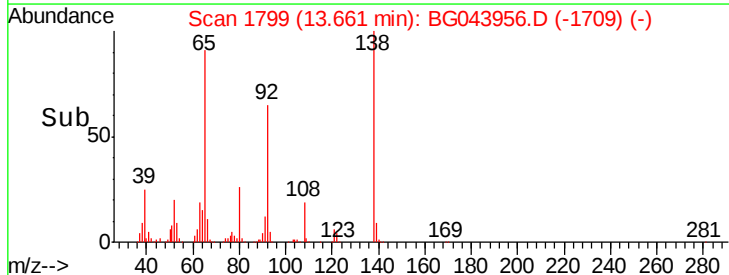
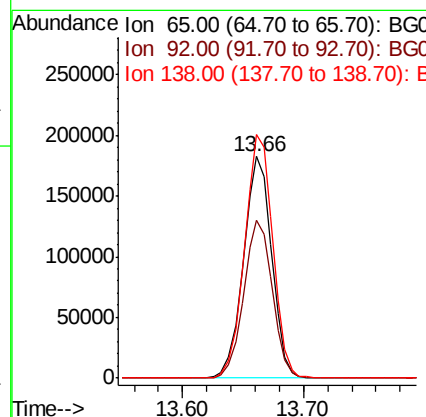
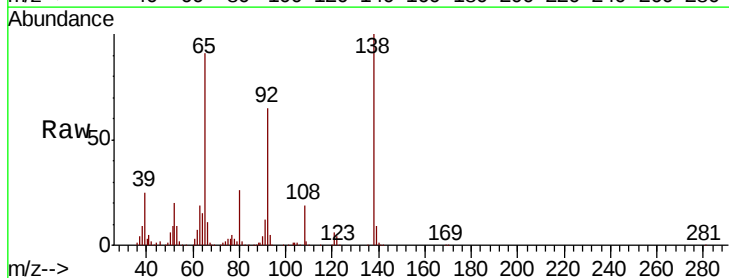
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.1	48.1
164	35.4	27.5	41.3



#48
 2-Nitroaniline
 Concen: 40.980 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.4	86.2
138	110.0	88.2	132.4





#49

Acenaphthylene

Concen: 41.058 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

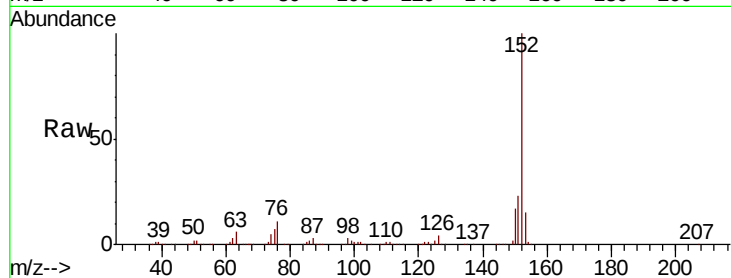
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1329597

Ion	Ratio	Lower	Upper
152	100		
151	23.4	19.4	29.2
153	15.2	12.0	18.0

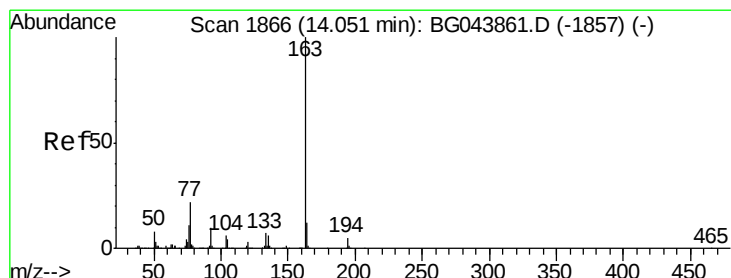
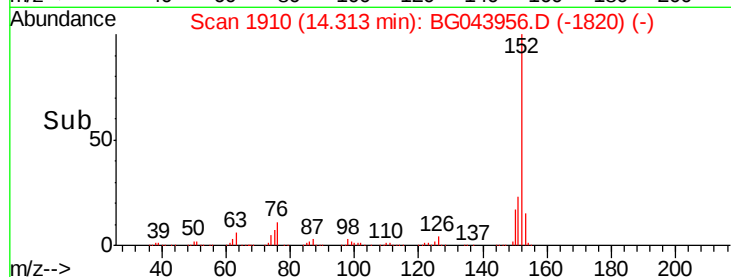
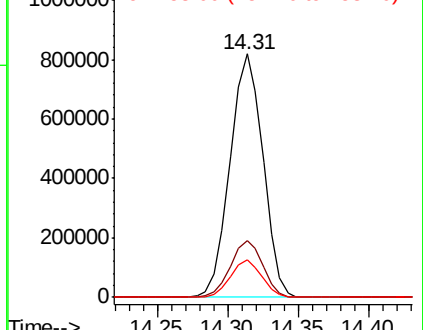


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.862 ng

RT: 14.05 min Scan# 1865

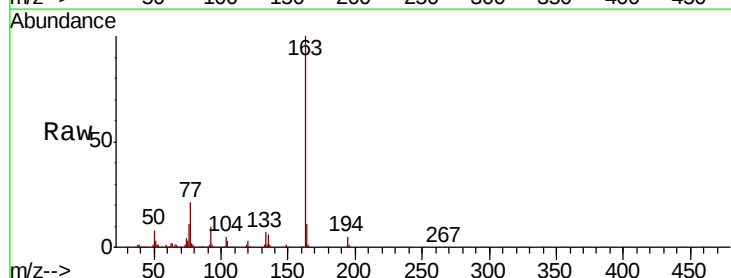
Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Tgt Ion:163 Resp: 1128286

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.4	9.3	13.9

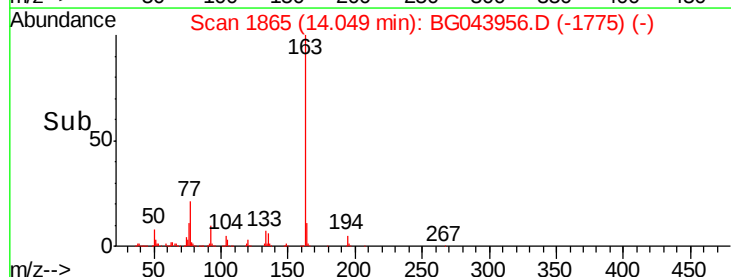
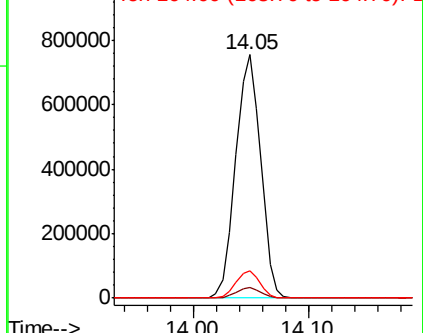


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

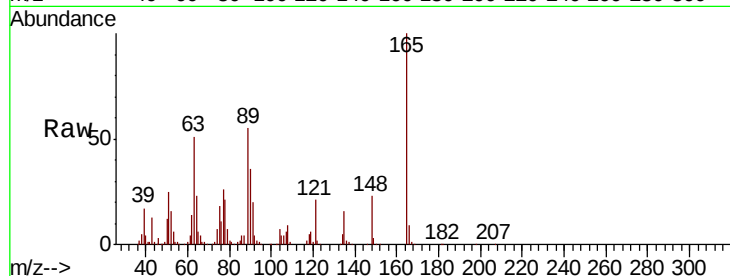




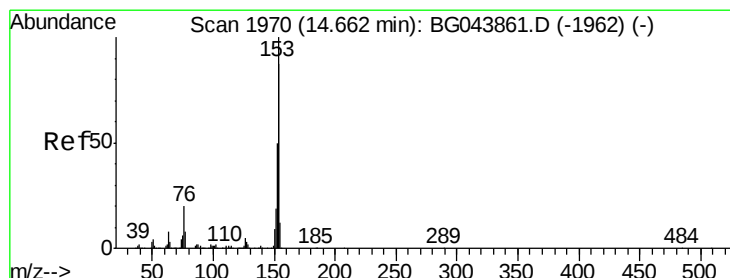
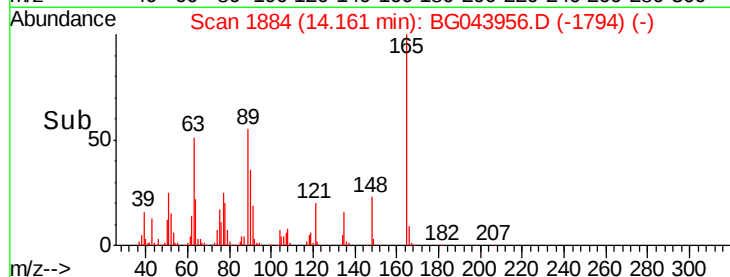
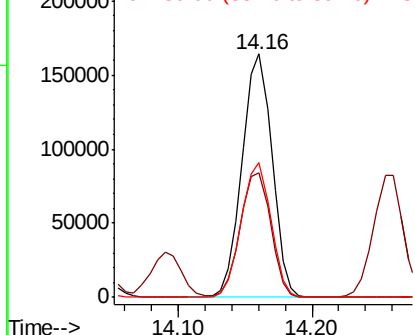
#51
2,6-Dinitrotoluene
Concen: 40.954 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 255594
Ion Ratio Lower Upper
165 100
63 51.4 43.1 64.7
89 55.5 43.8 65.6

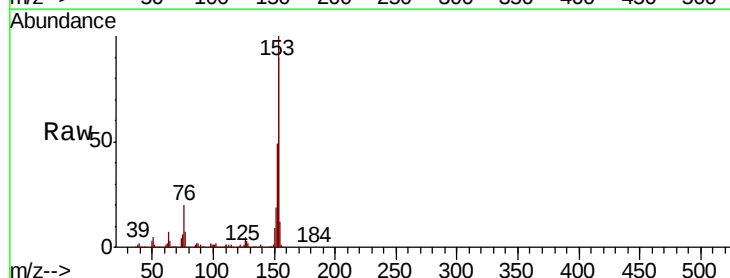


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

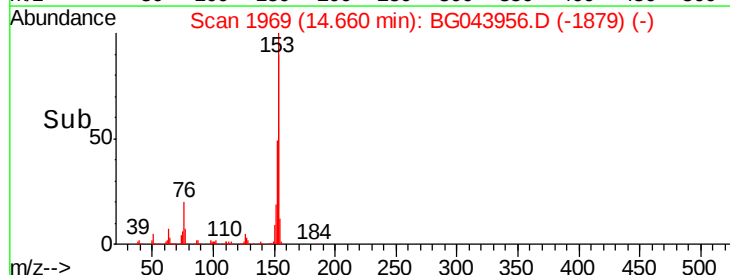
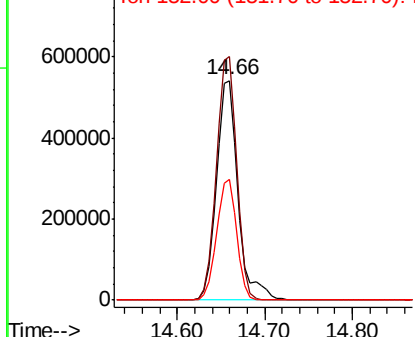


#52
Acenaphthene
Concen: 40.777 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:154 Resp: 926040
Ion Ratio Lower Upper
154 100
153 110.7 91.6 137.4
152 54.8 45.4 68.0



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

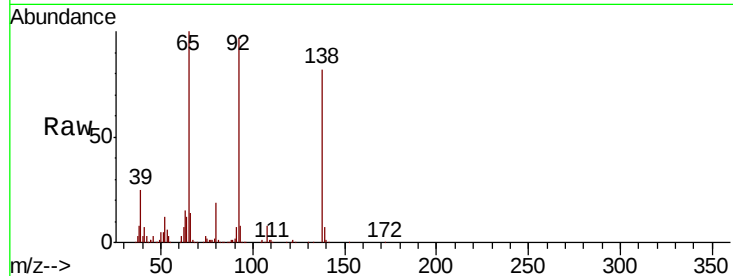




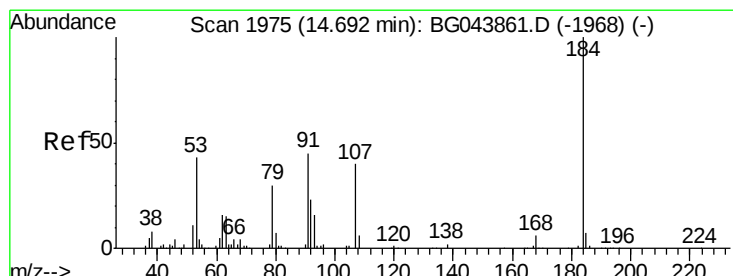
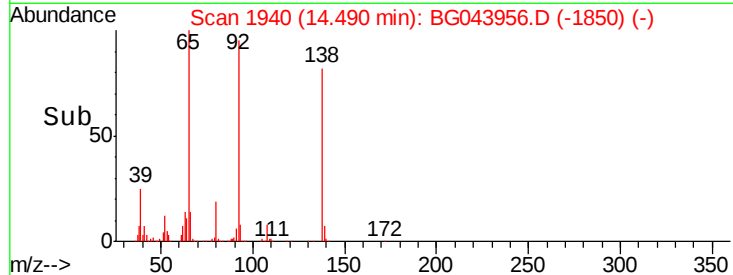
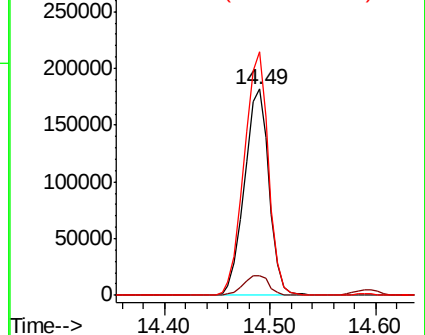
#53
3-Nitroaniline
Concen: 41.190 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 291919
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.2
92 118.2 92.1 138.1

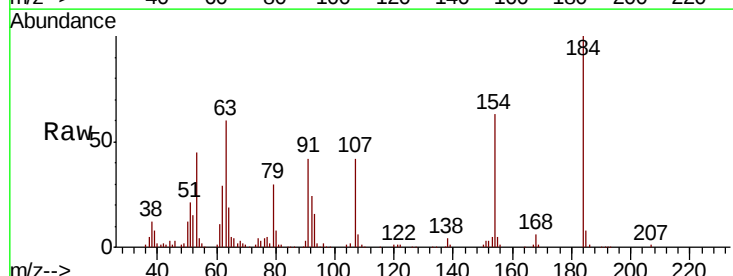


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

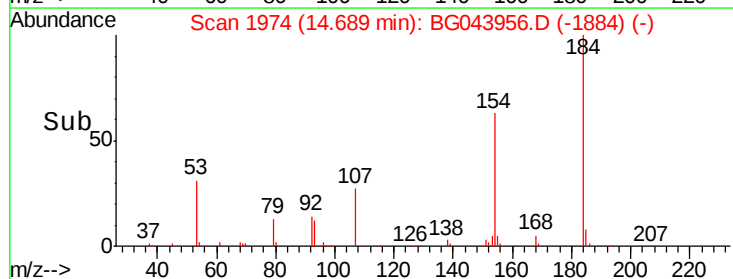
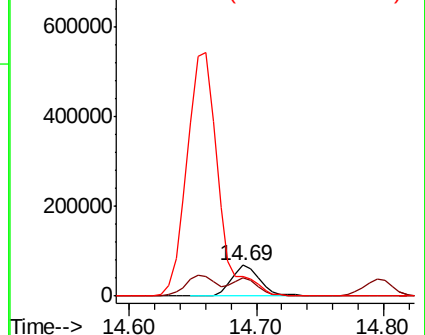


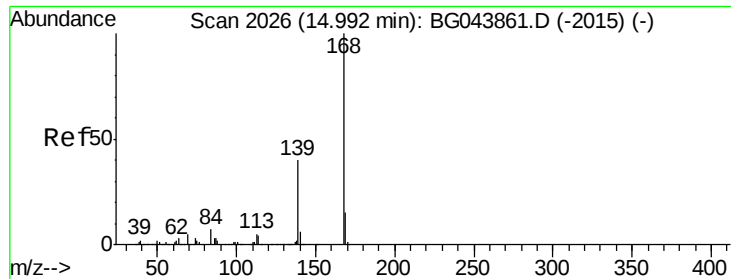
#54
2,4-Dinitrophenol
Concen: 36.961 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:184 Resp: 107447
Ion Ratio Lower Upper
184 100
63 59.9 46.6 70.0
154 63.3 50.2 75.4



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

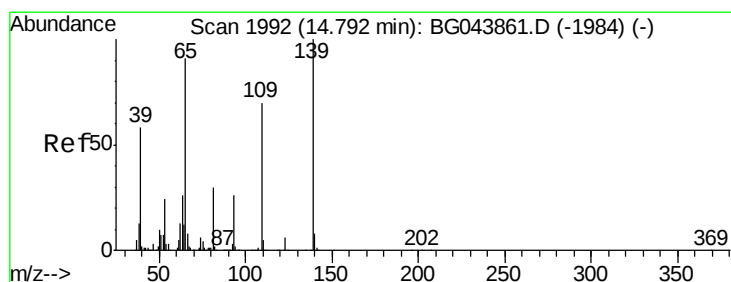
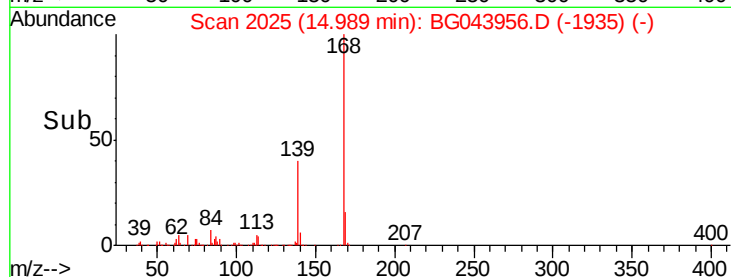
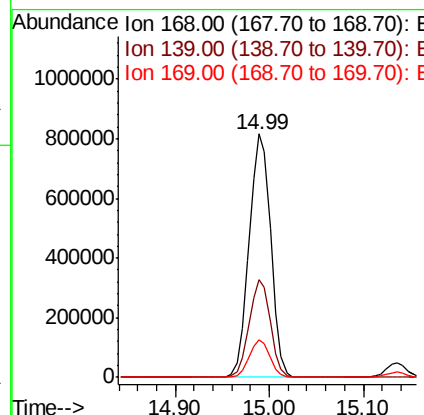
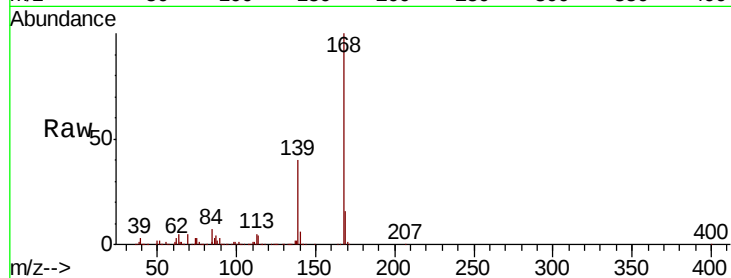




#55
Dibenzenofuran
Concen: 41.321 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

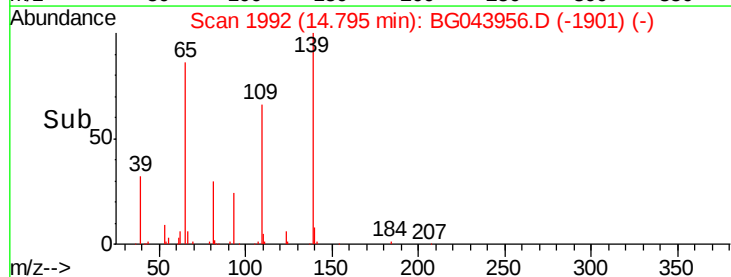
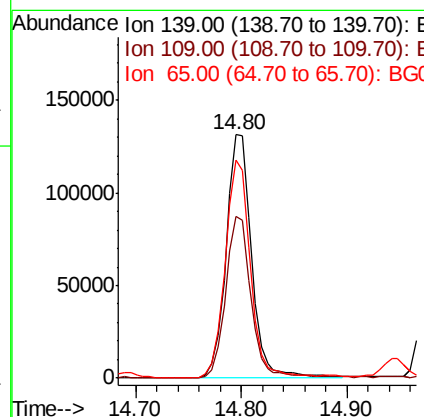
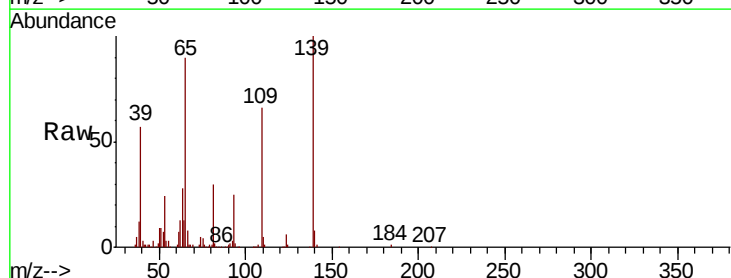
Instrument :
BNA_G
ClientSampleId :

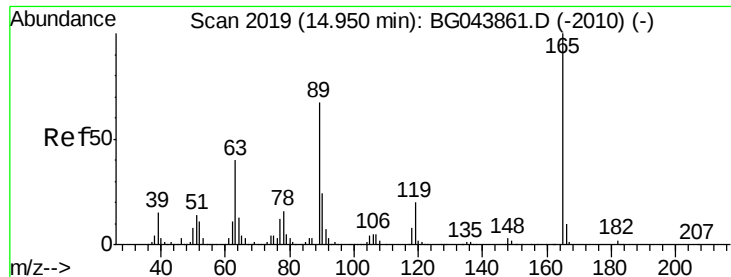
Tot Ion:168 Resp: 1291788
Ion Ratio Lower Upper
168 100
139 40.2 32.2 48.2
169 15.6 12.2 18.2



#56
4-Nitrophenol
Concen: 40.554 ng
RT: 14.80 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:139 Resp: 220244
Ion Ratio Lower Upper
139 100
109 66.4 50.4 90.4
65 89.7 71.4 111.4

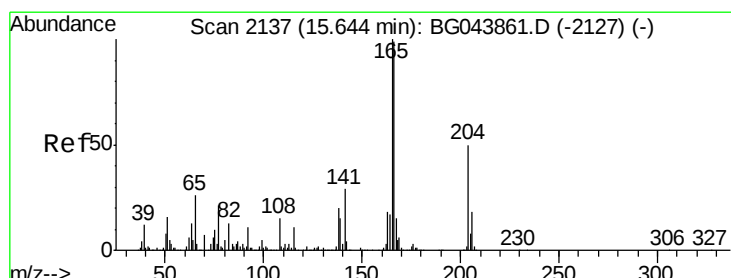
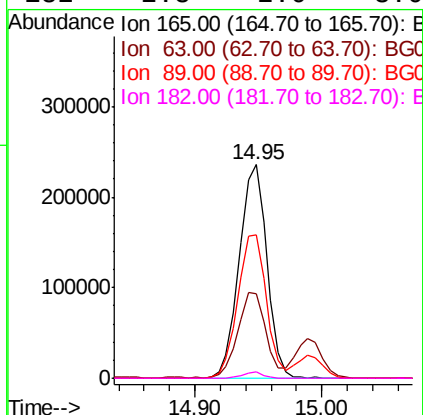
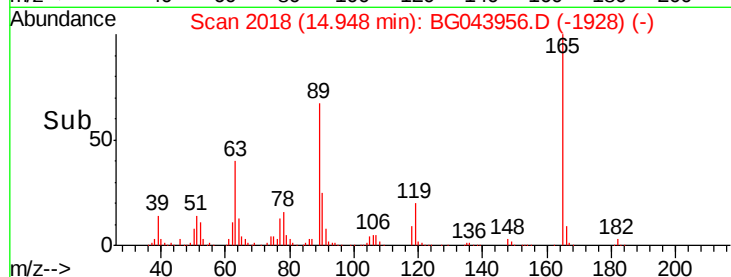
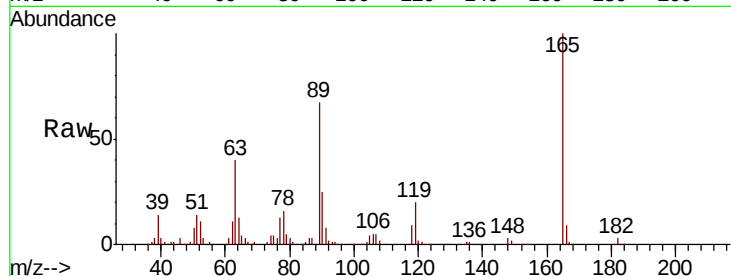




#57
2,4-Dinitrotoluene
Concen: 41.825 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

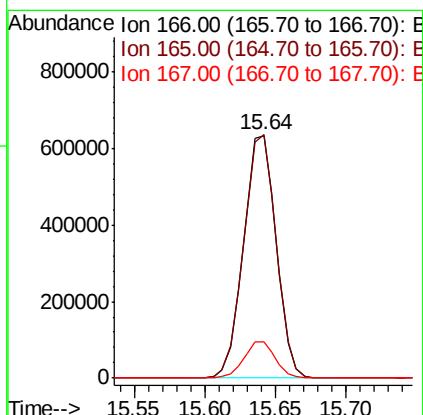
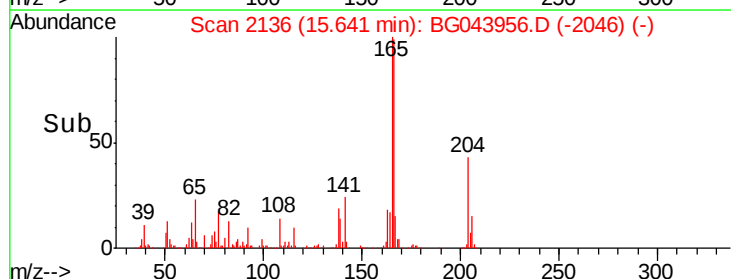
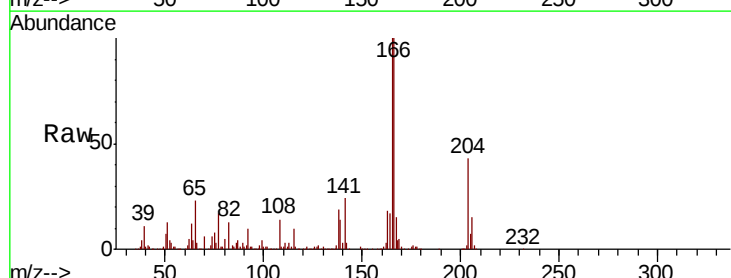
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 355177
Ion Ratio Lower Upper
165 100
63 39.6 31.9 47.9
89 66.9 53.8 80.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 41.417 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:166 Resp: 1026258
Ion Ratio Lower Upper
166 100
165 100.3 80.8 121.2
167 15.1 12.1 18.1

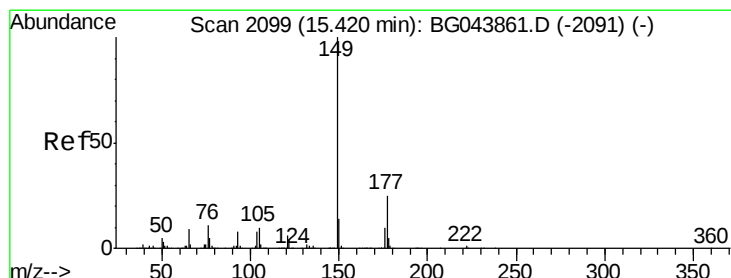
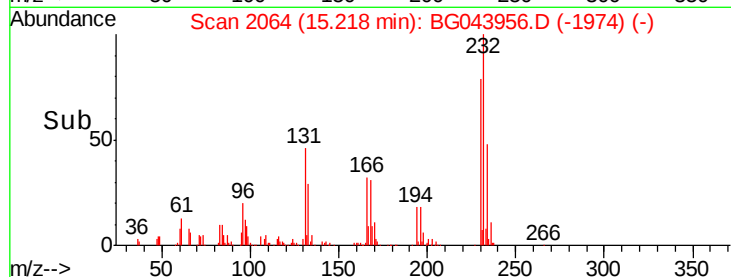
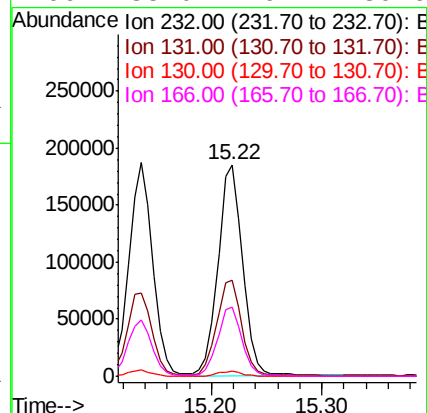
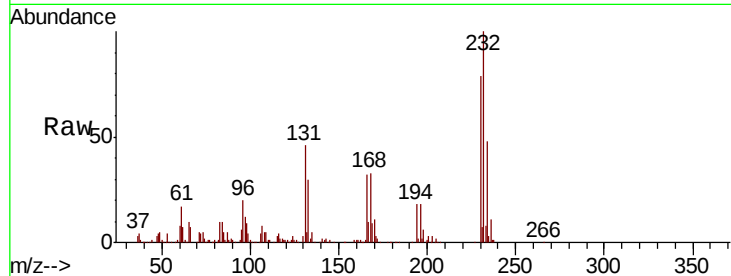




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.030 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

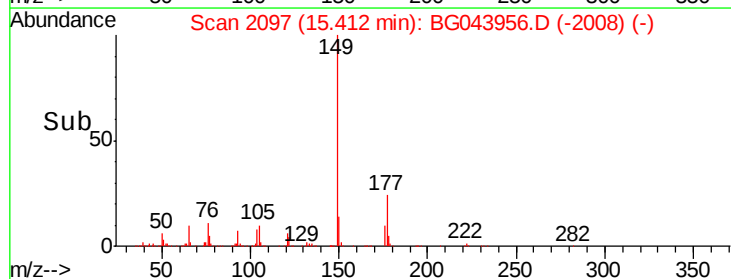
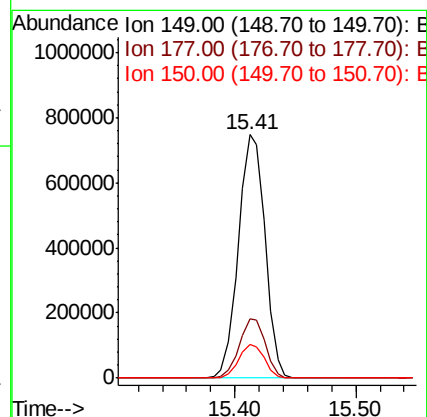
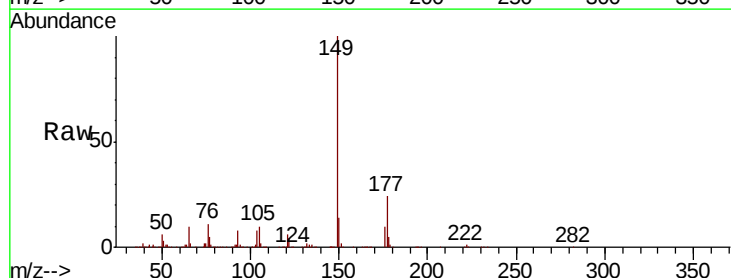
Instrument :
 BNA_G
 ClientSampleId :

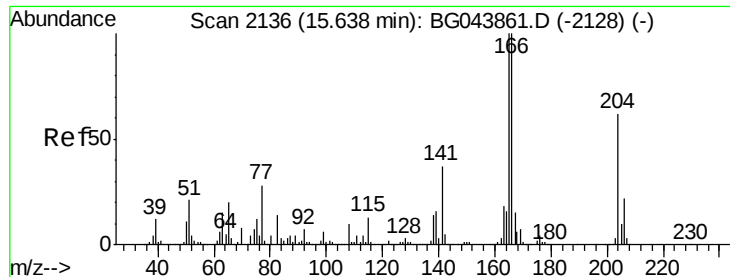
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	38.2	57.2
130	2.4	2.2	3.2
166	33.0	26.4	39.6



#60
 Diethylphthalate
 Concen: 41.617 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	20.0	30.0
150	14.1	11.1	16.7

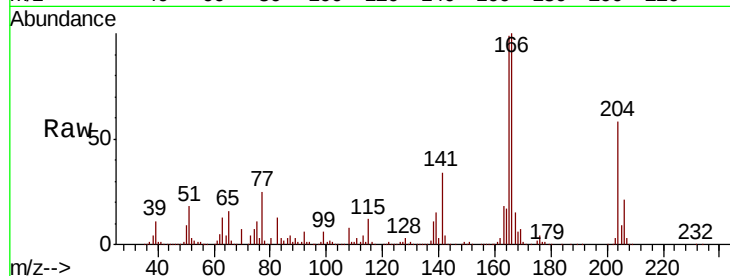




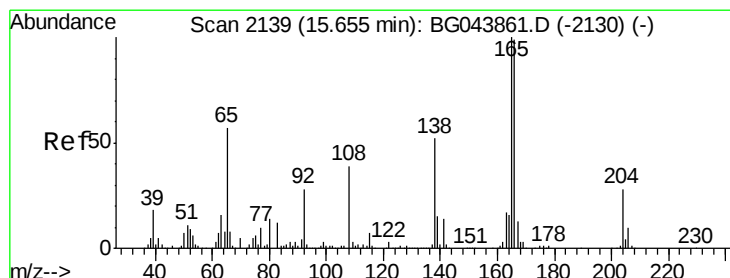
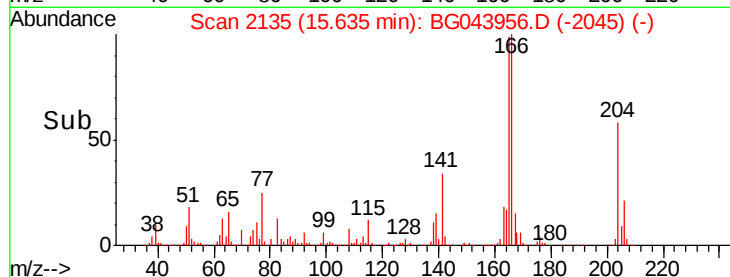
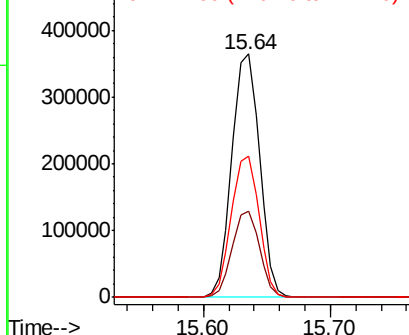
#61
4-Chlorophenyl-phenylether
Concen: 40.999 ng
RT: 15.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 551640
Ion Ratio Lower Upper
204 100
206 35.6 28.2 42.2
141 58.1 48.2 72.2

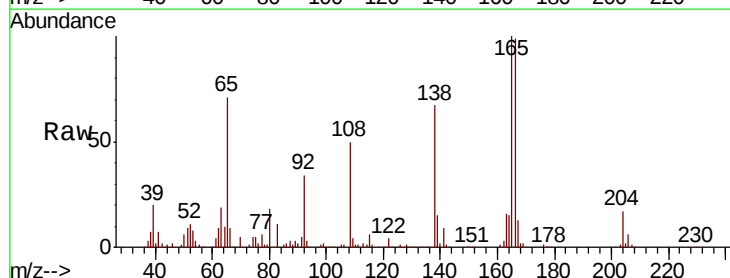


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

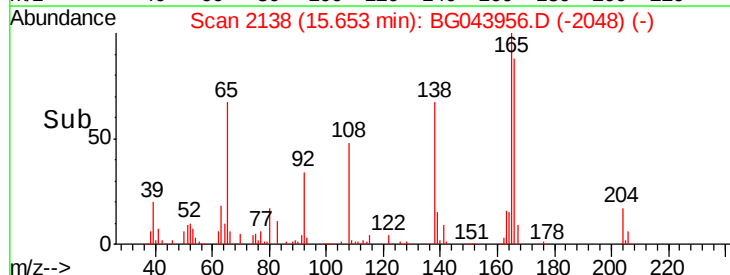
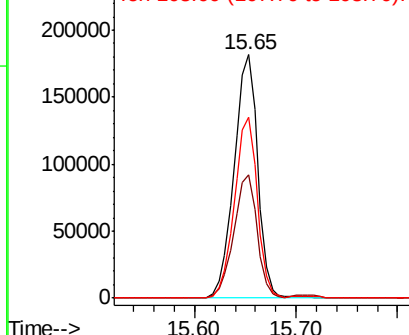


#62
4-Nitroaniline
Concen: 42.055 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:138 Resp: 294330
Ion Ratio Lower Upper
138 100
92 50.6 34.3 74.3
108 74.3 55.0 95.0



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: 41.190 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1054955

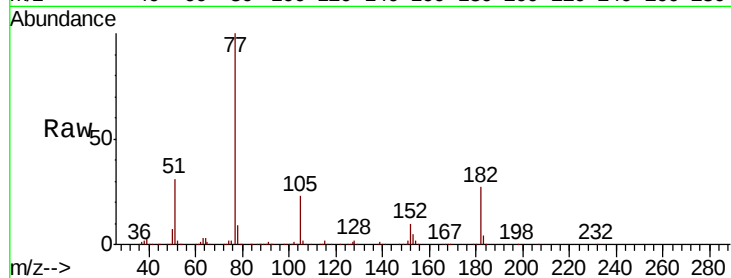
Ion Ratio Lower Upper

77 100

182 26.6 7.3 47.3

105 23.3 3.2 43.2

51 31.0 10.6 50.6

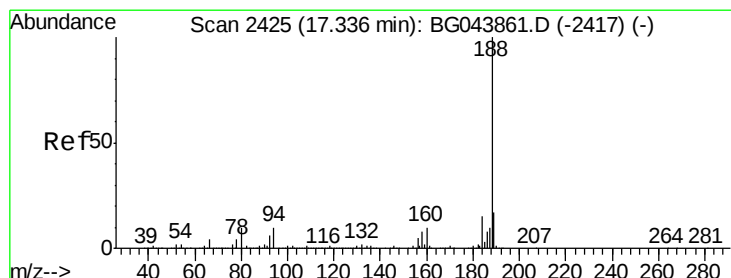
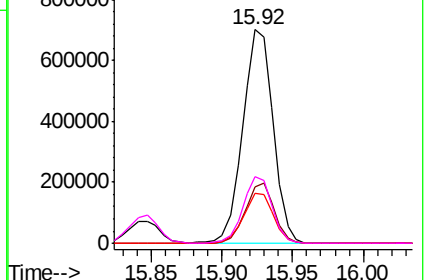
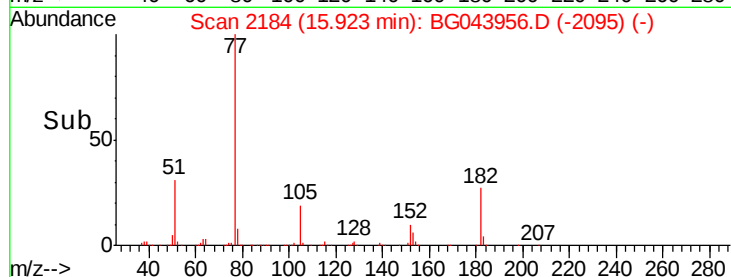


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

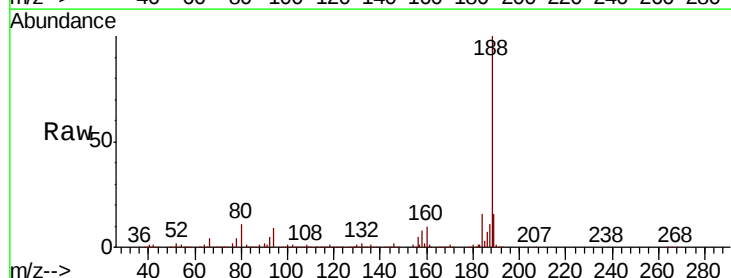
Tgt Ion: 188 Resp: 818505

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

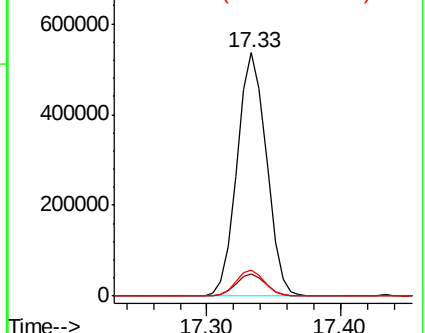
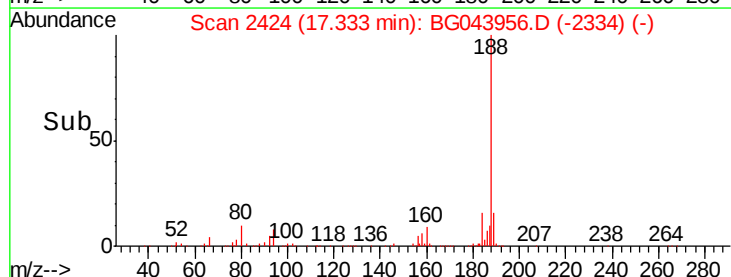
80 10.6 8.2 12.4

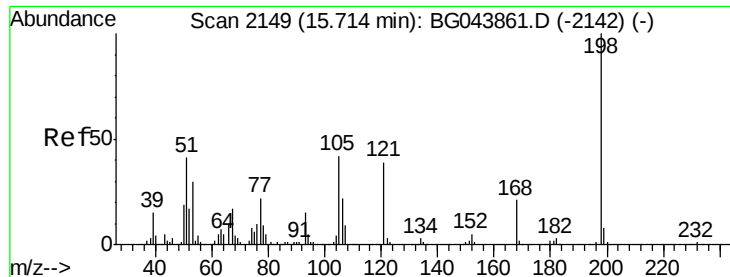


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

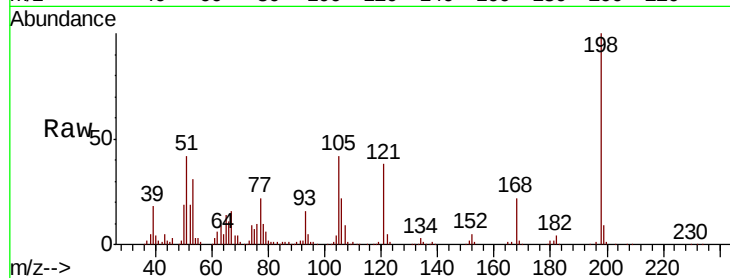




#65
4,6-Dinitro-2-methylphenol
Concen: 39.213 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.1	22.5	62.5
105	42.1	22.3	62.3

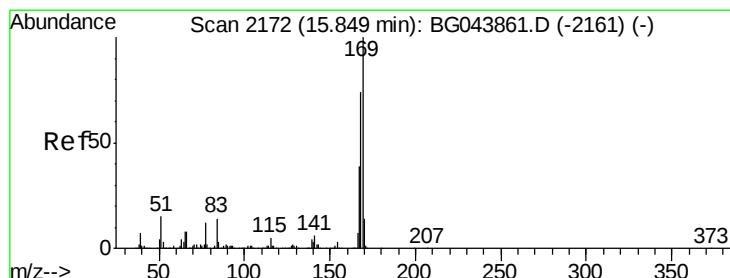
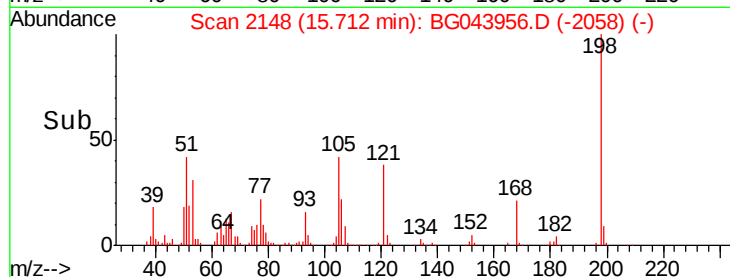
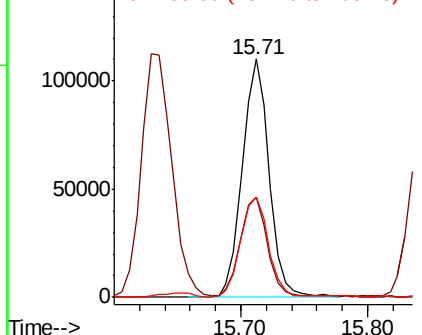


Abundance

Ion 198.00 (197.70 to 198.70): E

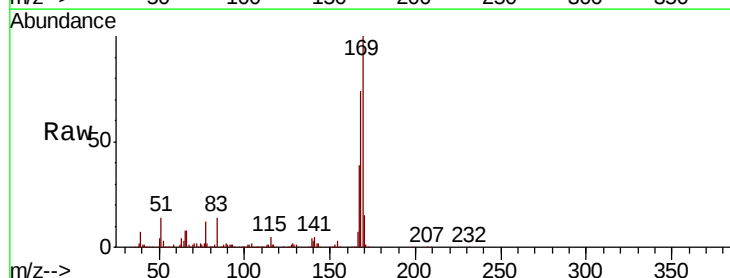
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 39.337 ng
RT: 15.85 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.8	59.0	88.6
167	39.1	31.4	47.0

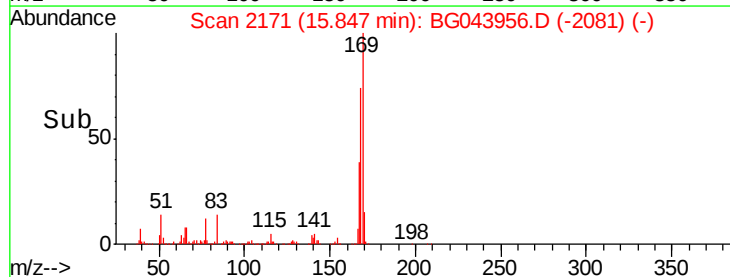
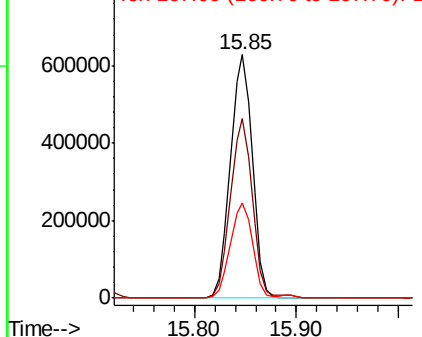


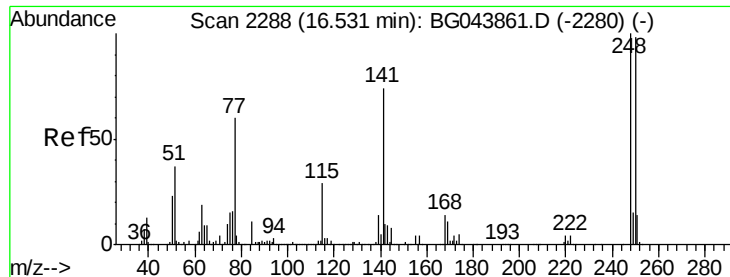
Abundance

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

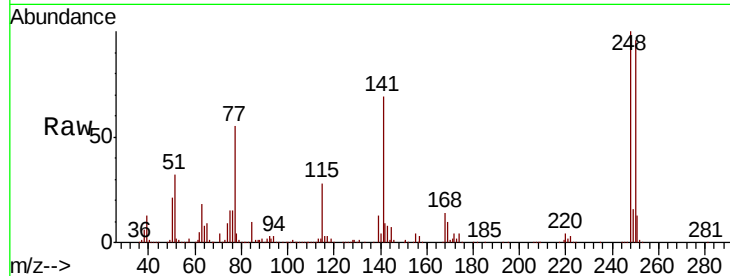




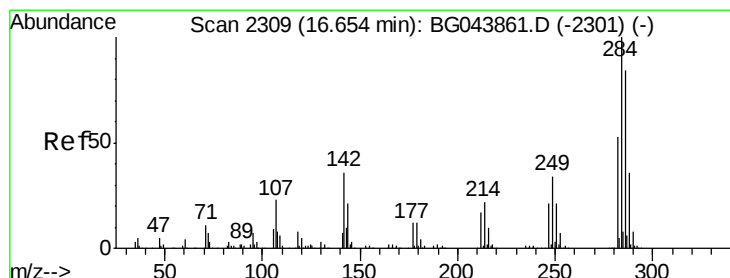
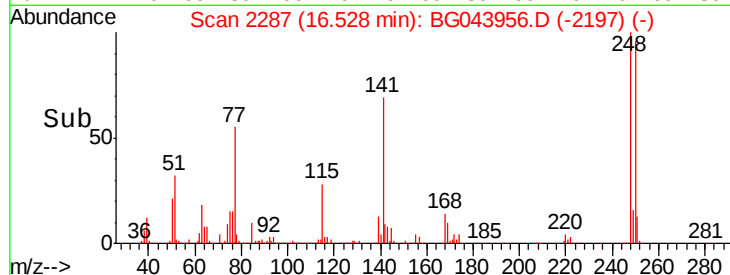
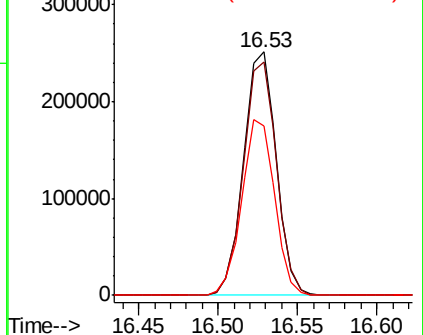
#67
4-Bromophenyl-phenylether
Concen: 39.013 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 359141
Ion Ratio Lower Upper
248 100
250 95.8 78.2 117.2
141 69.5 59.3 88.9

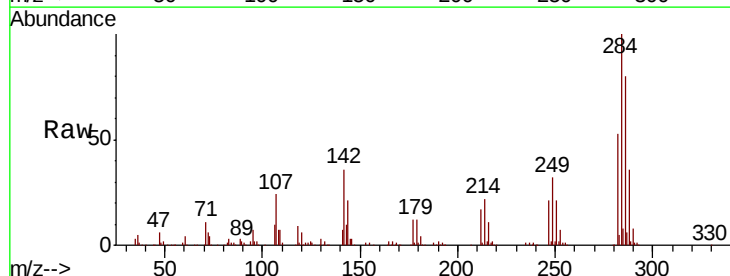


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

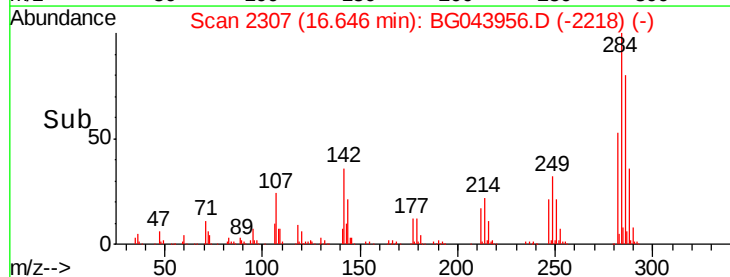
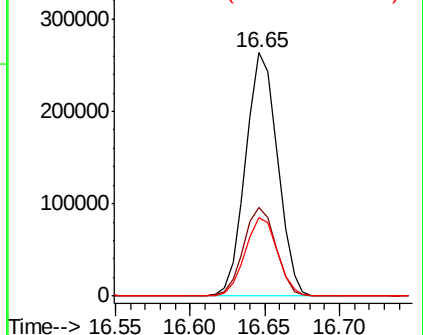


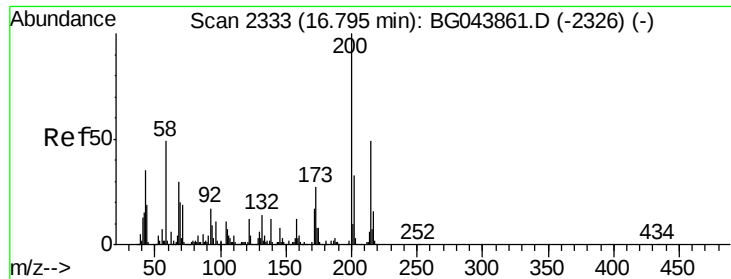
#68
Hexachlorobenzene
Concen: 39.346 ng
RT: 16.65 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:284 Resp: 390288
Ion Ratio Lower Upper
284 100
142 36.5 28.6 43.0
249 32.2 27.0 40.6



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

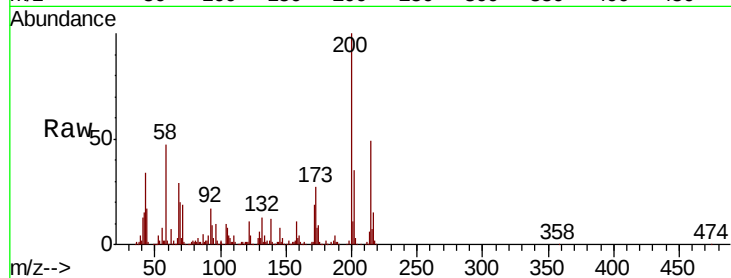




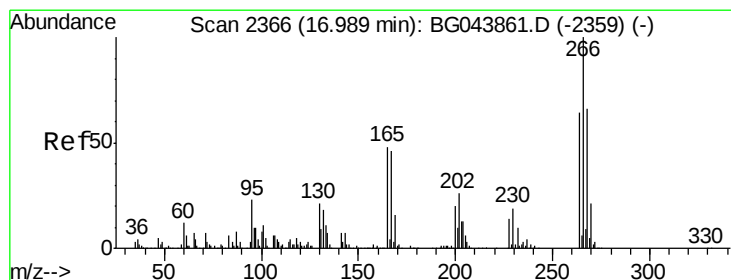
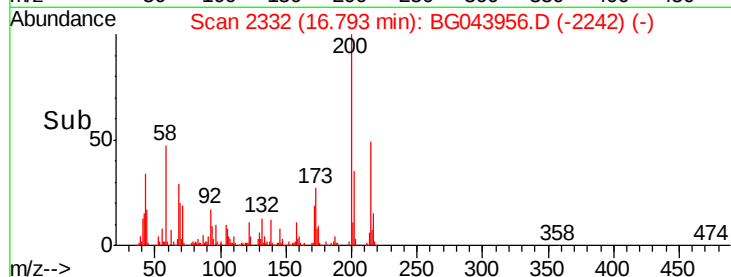
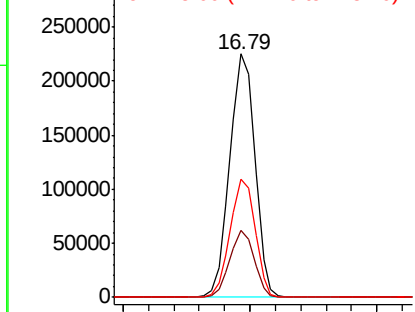
#69
 Atrazine
 Concen: 39.505 ng
 RT: 16.79 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.6	46.6
215	48.7	28.6	68.6

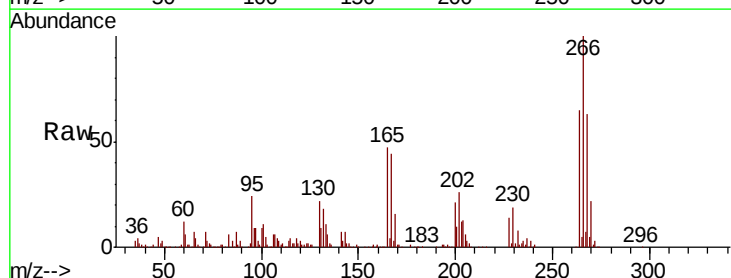


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

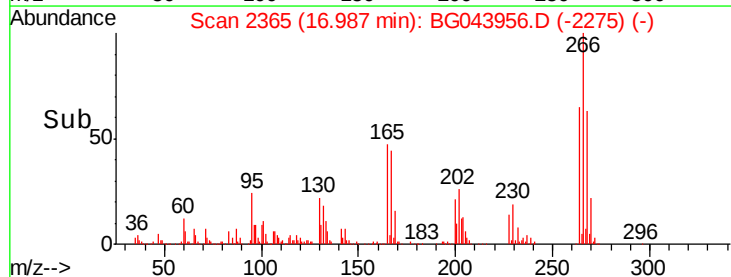
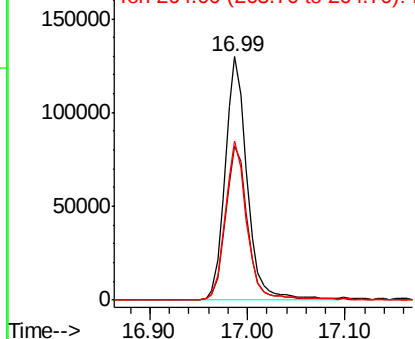


#70
 Pentachlorophenol
 Concen: 37.067 ng
 RT: 16.99 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.6	79.0
264	65.4	50.8	76.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

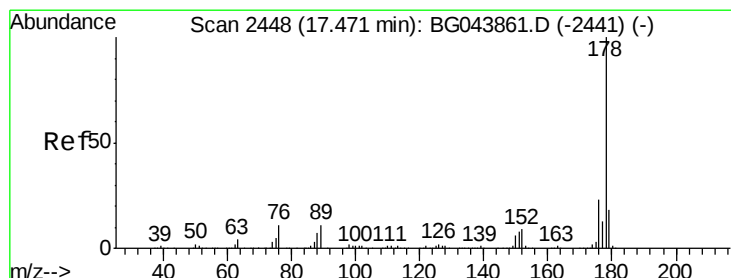
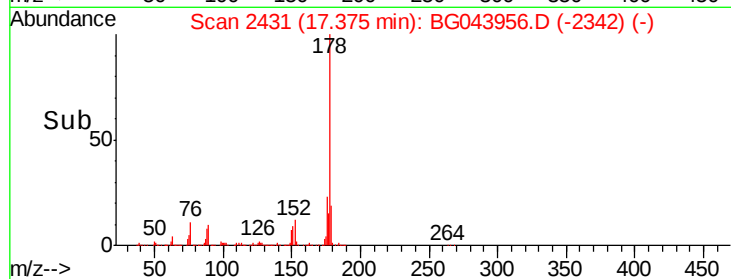
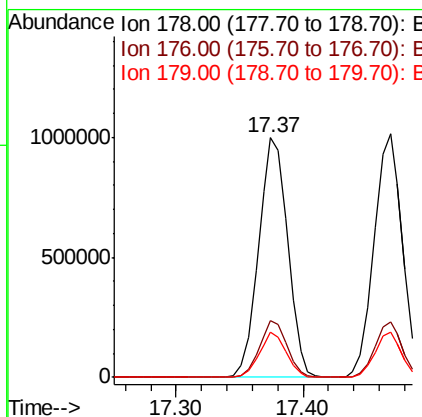
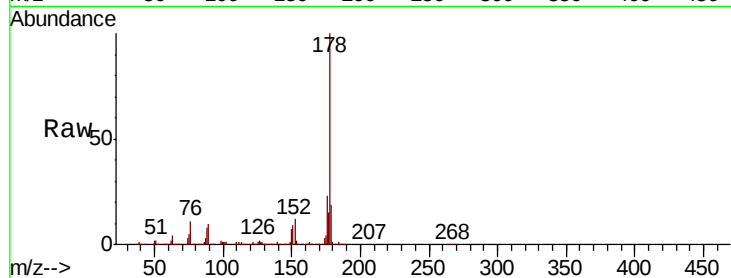




#71
Phenanthrene
Concen: 40.596 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

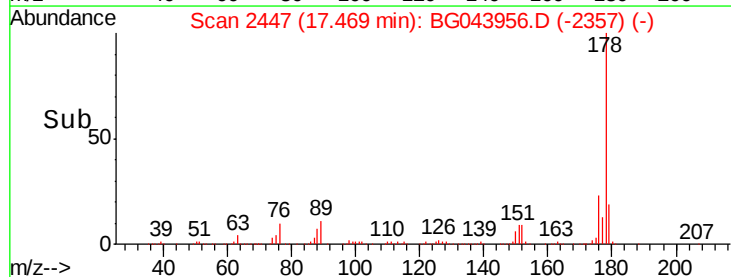
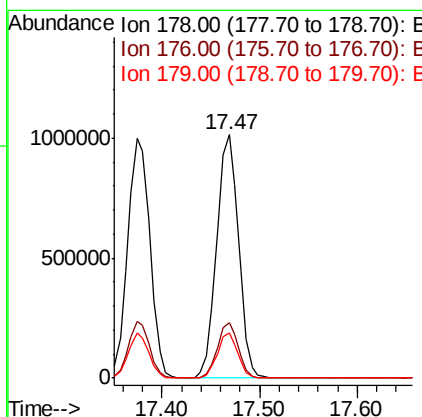
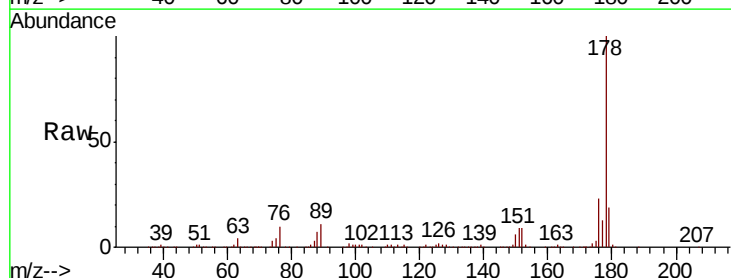
Instrument :
BNA_G
ClientSampled :

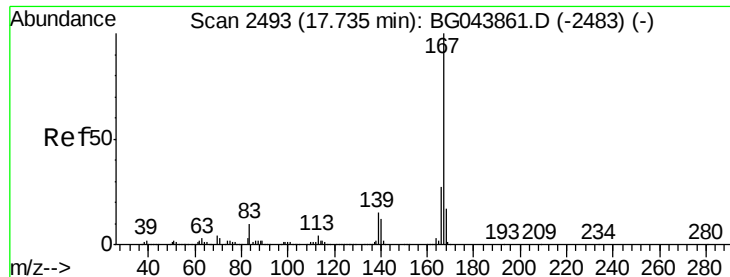
Tot Ion:178 Resp: 1593778
Ion Ratio Lower Upper
178 100
176 23.5 18.6 28.0
179 19.0 14.4 21.6



#72
Anthracene
Concen: 40.554 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion:178 Resp: 1573472
Ion Ratio Lower Upper
178 100
176 22.8 18.3 27.5
179 18.7 14.6 22.0





#73

Carbazole

Concen: 40.786 ng

RT: 17.73 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

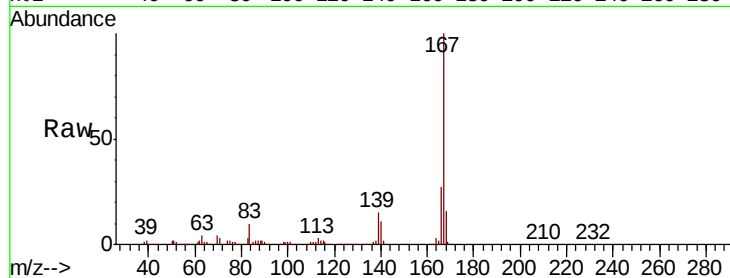
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1461770

Ion	Ratio	Lower	Upper
167	100		
166	27.1	21.6	32.4
139	14.8	12.1	18.1

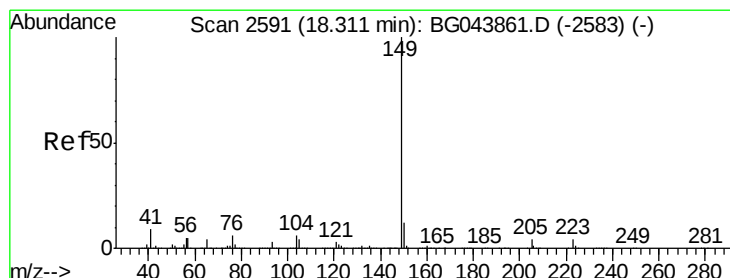
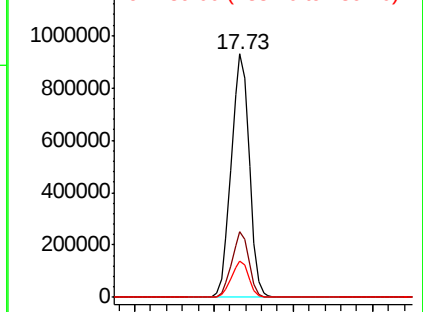
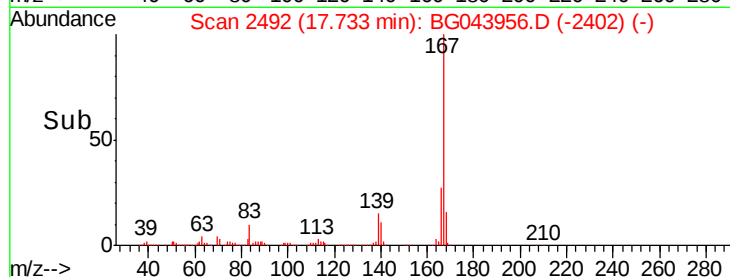


Abundance

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: 39.837 ng

RT: 18.30 min Scan# 2589

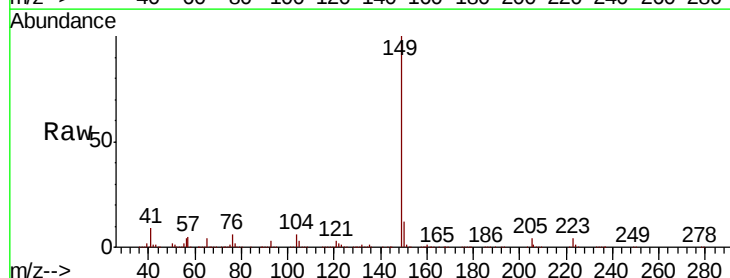
Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Tgt Ion:149 Resp: 1822886

Ion	Ratio	Lower	Upper
149	100		
150	12.1	9.7	14.5
104	6.3	5.0	7.4

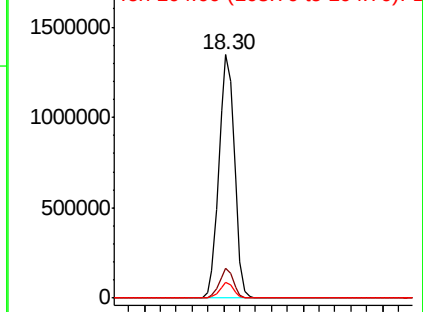
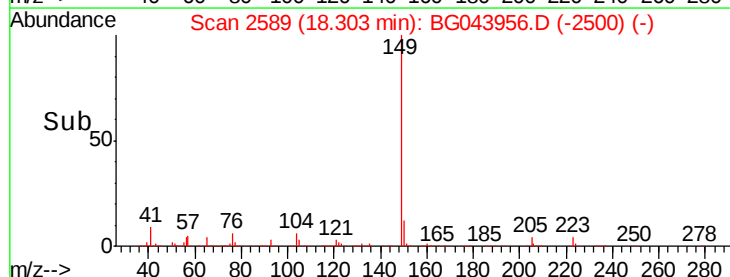


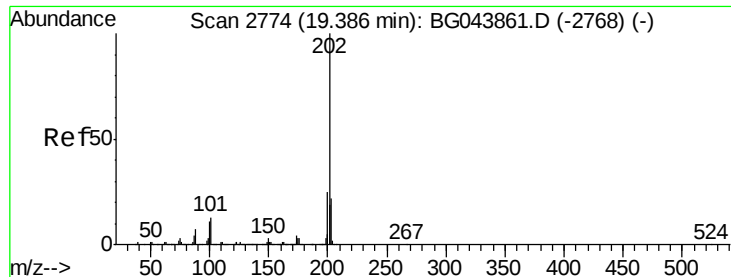
Abundance

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



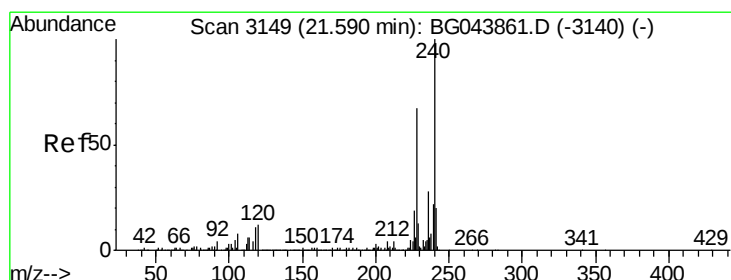
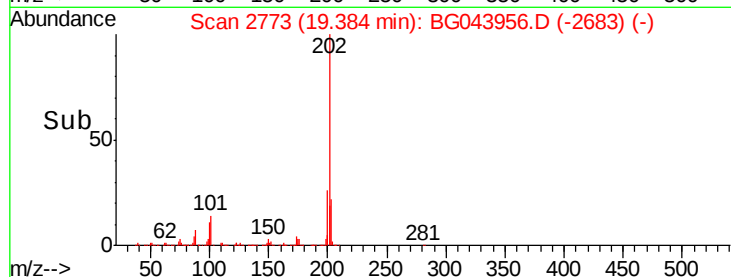
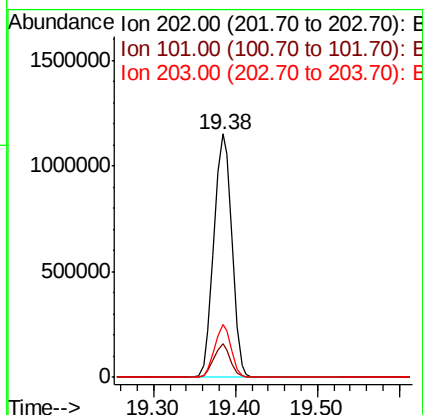
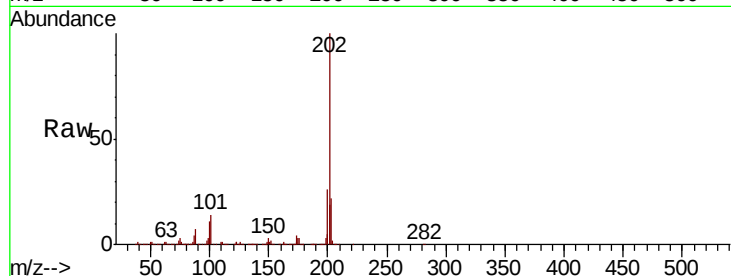


#75
 Fluoranthene
 Concen: 39.350 ng
 RT: 19.38 min Scan# 2773
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 1766775

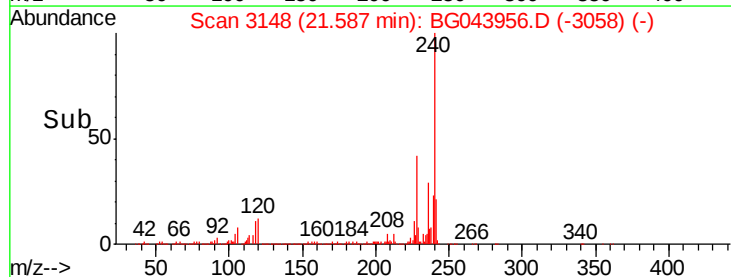
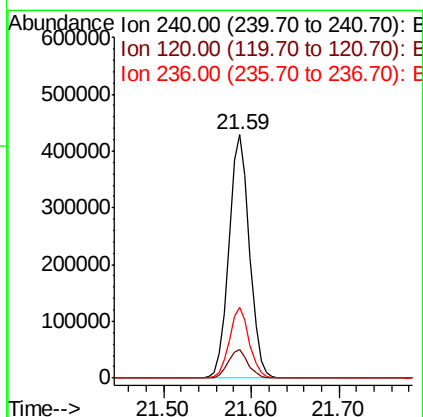
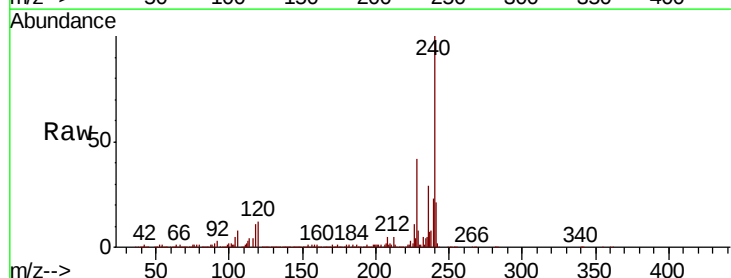
Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.3
203	21.8	1.6	41.6

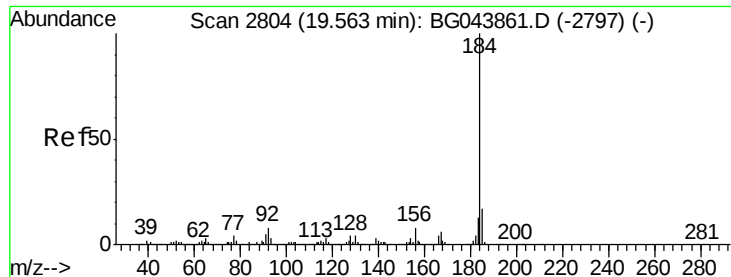


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Tgt Ion:240 Resp: 683750

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.6	14.4
236	28.9	22.2	33.2





#77

Benzidine

Concen: 50.269 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

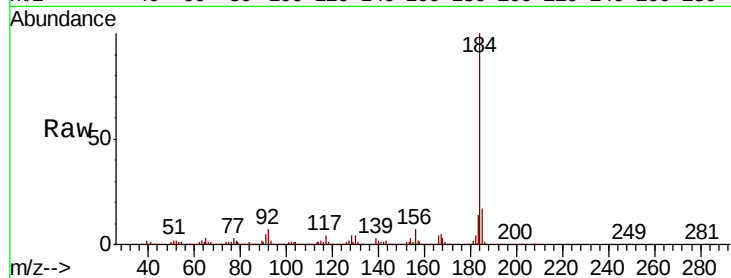
Tot Ion:184 Resp: 863942

Ion Ratio Lower Upper

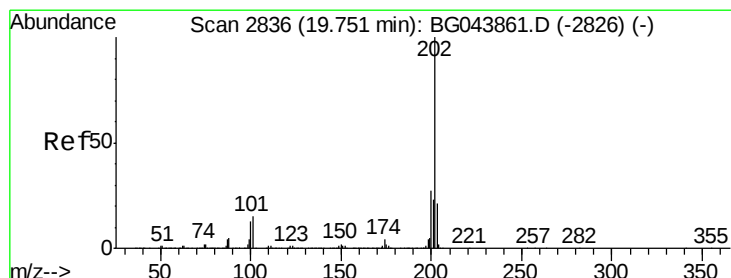
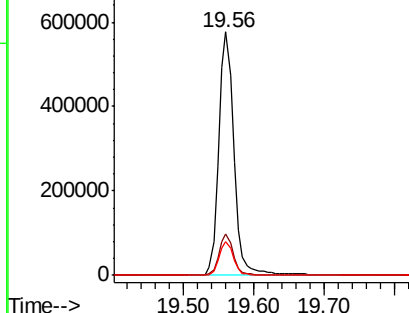
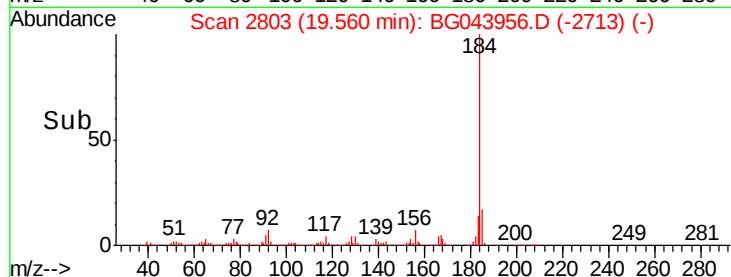
184 100

185 16.8 13.4 20.0

183 13.7 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.498 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

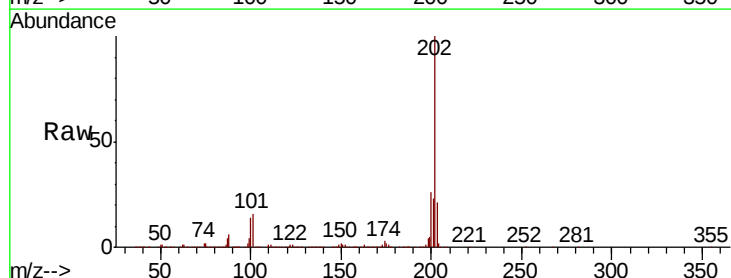
Tgt Ion:202 Resp: 1762854

Ion Ratio Lower Upper

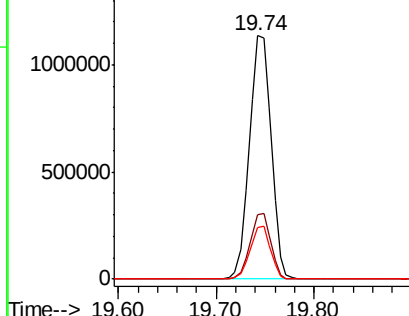
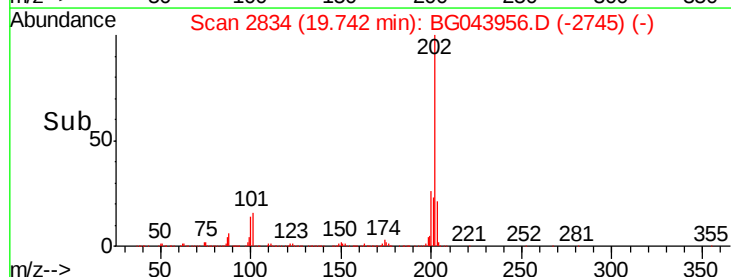
202 100

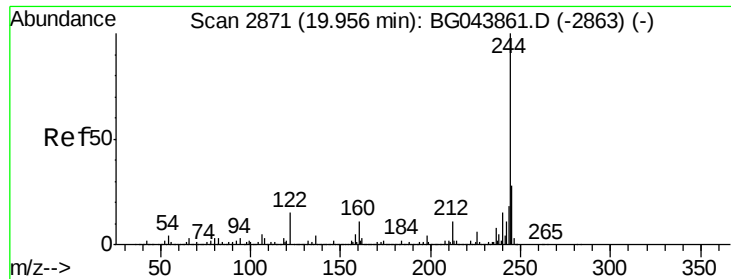
200 26.4 21.7 32.5

203 21.4 17.0 25.6



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





#79

Terphenyl-d14

Concen: 80.520 ng

RT: 19.95 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

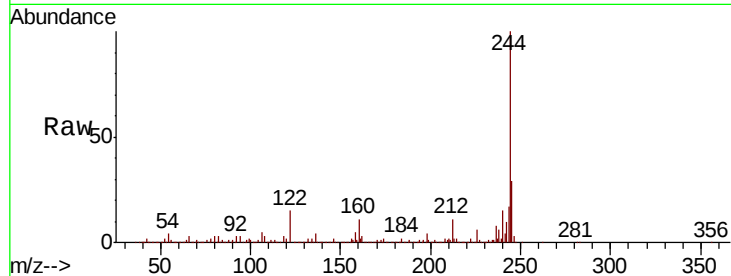
Tot Ion:244 Resp: 2315962

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.6	13.0
122	15.3	11.9	17.9

244 100

212 10.9 8.6 13.0

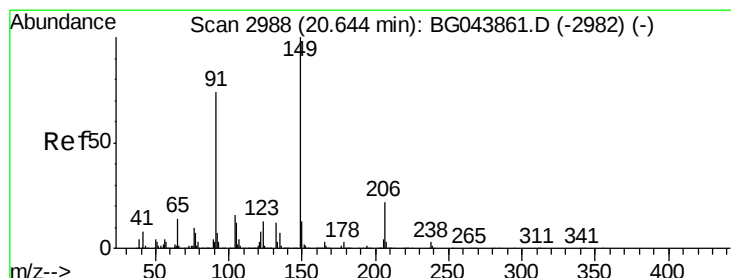
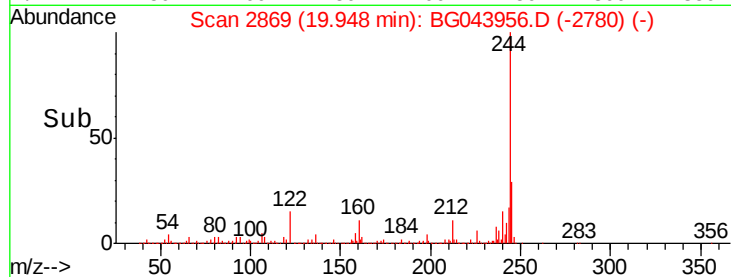
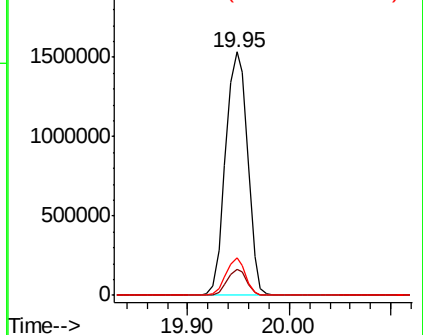
122 15.3 11.9 17.9



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: 41.540 ng

RT: 20.64 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

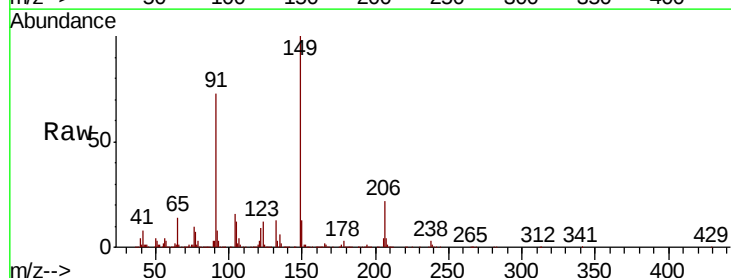
Tgt Ion:149 Resp: 882671

Ion	Ratio	Lower	Upper
149	100		
91	72.7	59.5	89.3
206	22.0	17.8	26.6

149 100

91 72.7 59.5 89.3

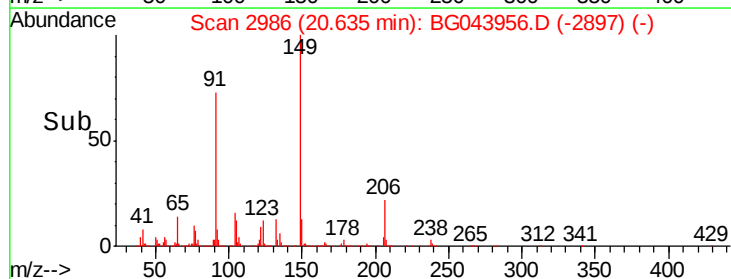
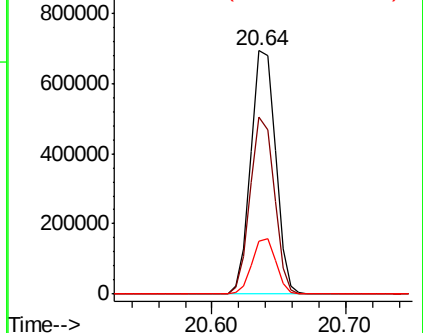
206 22.0 17.8 26.6

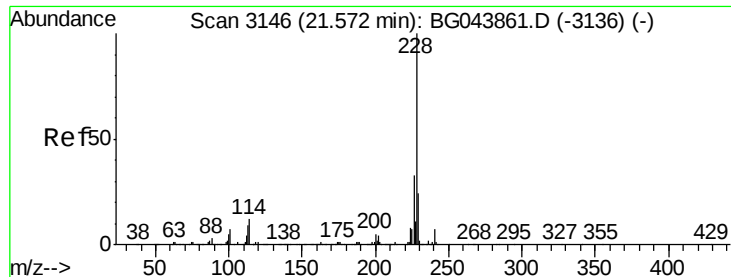


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.603 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

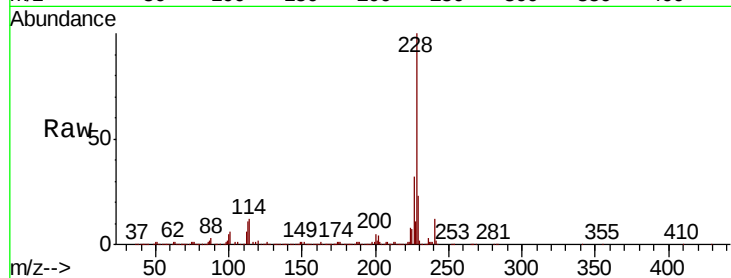
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1721476

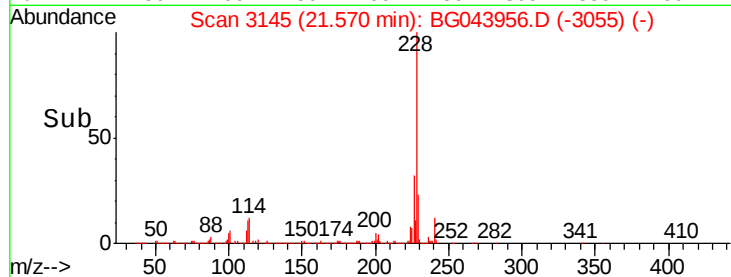
Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	23.2	18.9	28.3



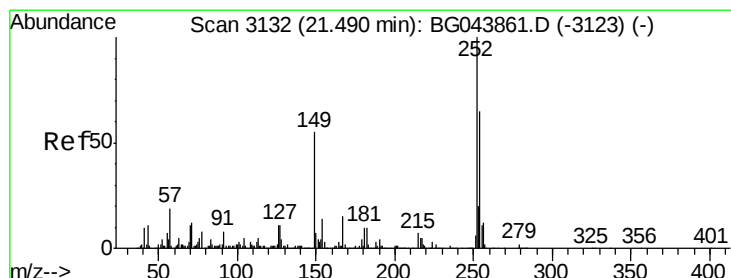
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 39.851 ng

RT: 21.48 min Scan# 3130

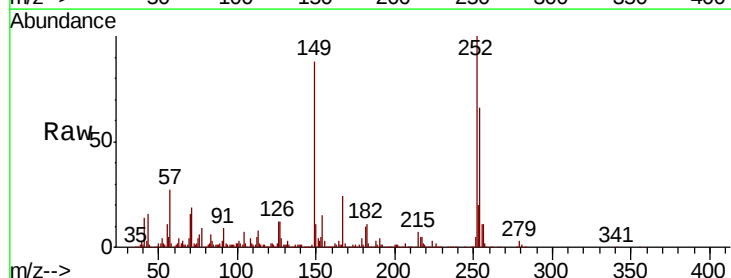
Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Tgt Ion:252 Resp: 667515

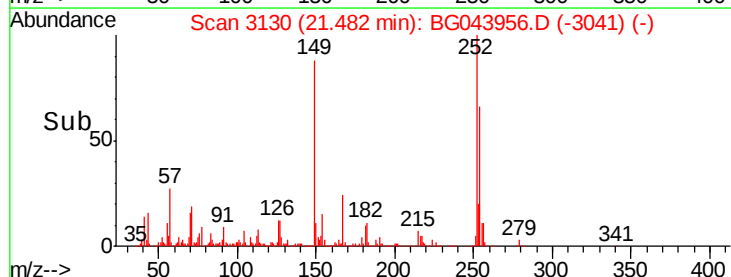
Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.1	78.1
126	12.1	9.1	13.7



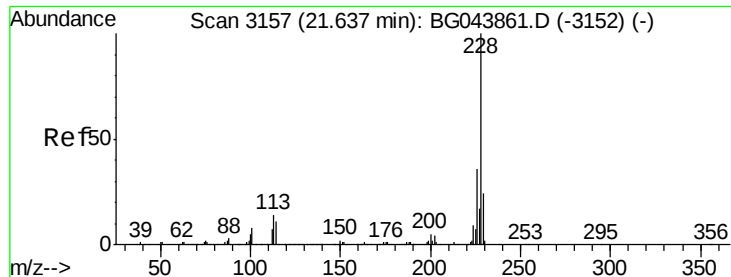
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



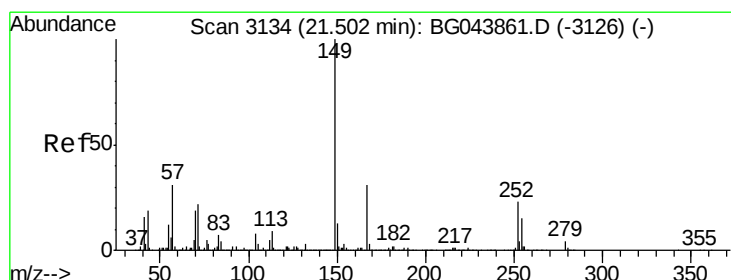
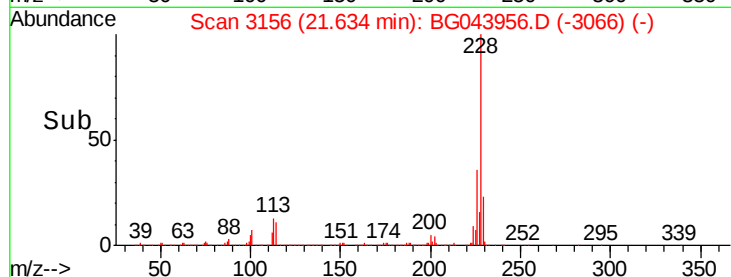
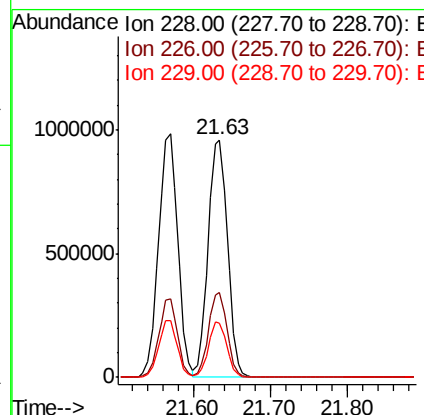
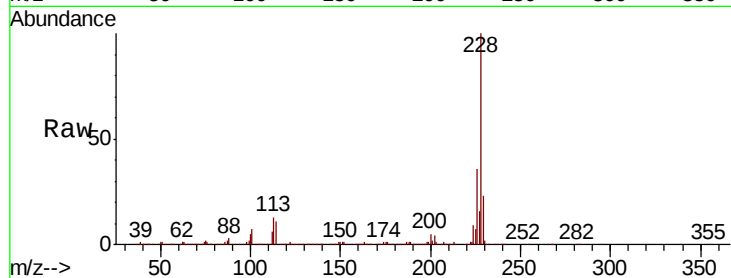
Time-->



#83
 Chrysene
 Concen: 41.253 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

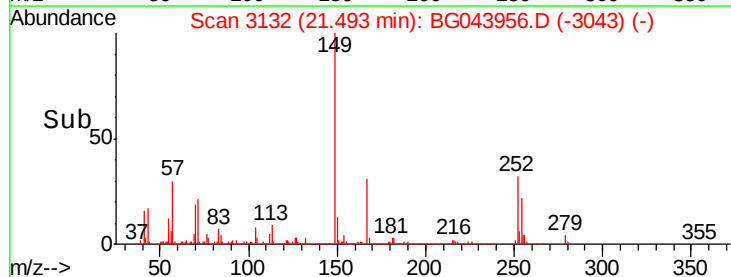
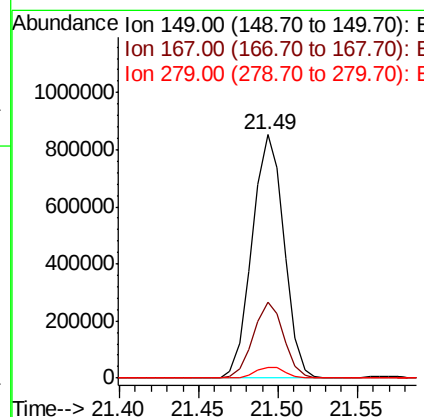
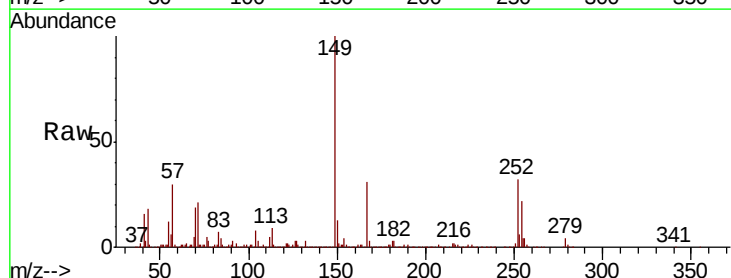
Instrument :
 BNA_G
 ClientSampled :

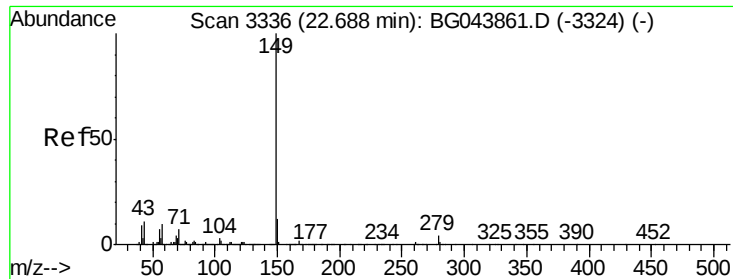
Tot Ion:228 Resp: 1661922
 Ion Ratio Lower Upper
 228 100
 226 35.9 28.8 43.2
 229 23.1 19.0 28.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.813 ng
 RT: 21.49 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BG043956.D
 Acq: 7 Jan 2020 15:44

Tgt Ion:149 Resp: 1196572
 Ion Ratio Lower Upper
 149 100
 167 31.0 24.7 37.1
 279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 41.866 ng

RT: 22.67 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampled :

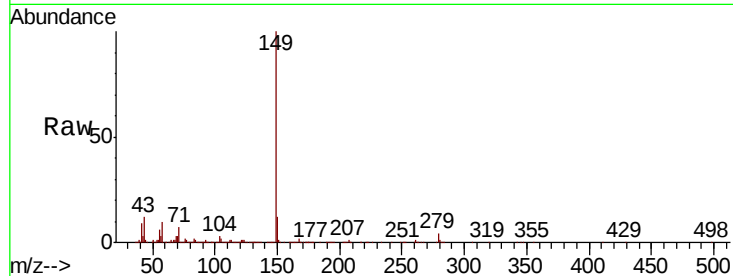
Tot Ion:149 Resp: 2063543

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

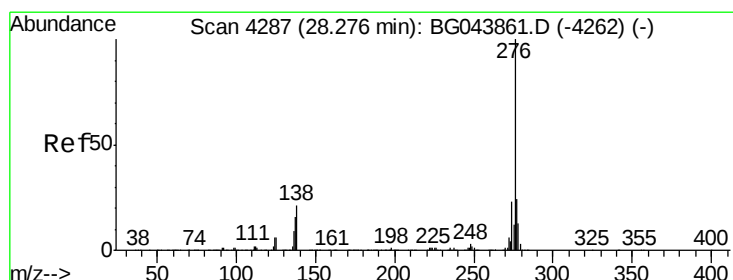
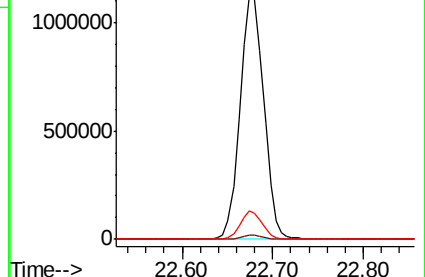
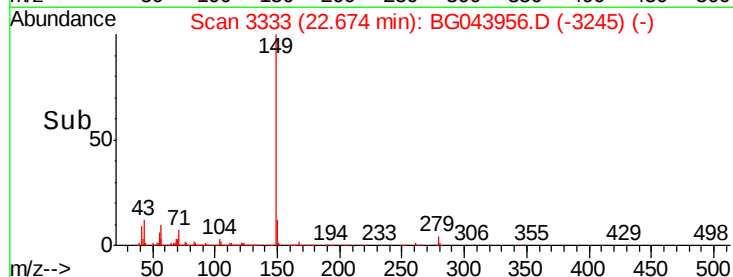
43 10.5 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.347 ng

RT: 28.26 min Scan# 4283

Delta R.T. -0.02 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

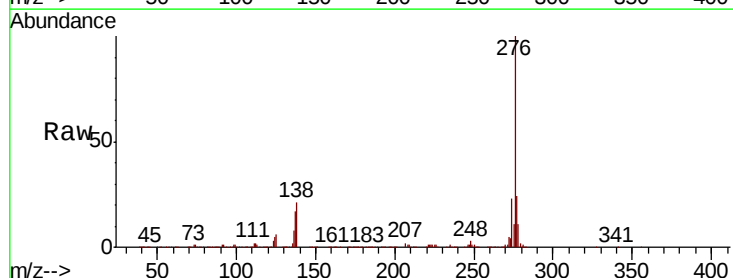
Tgt Ion:276 Resp: 2154171

Ion Ratio Lower Upper

276 100

138 17.5 21.0 31.4#

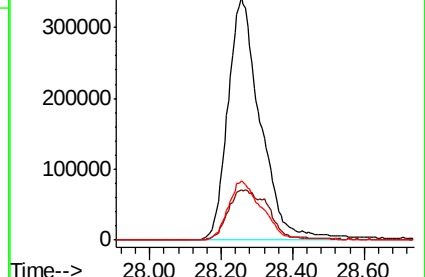
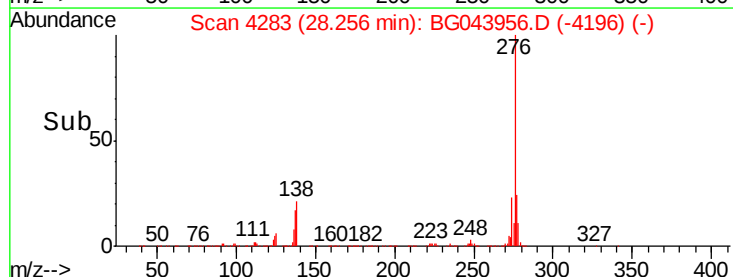
277 25.3 21.1 31.7

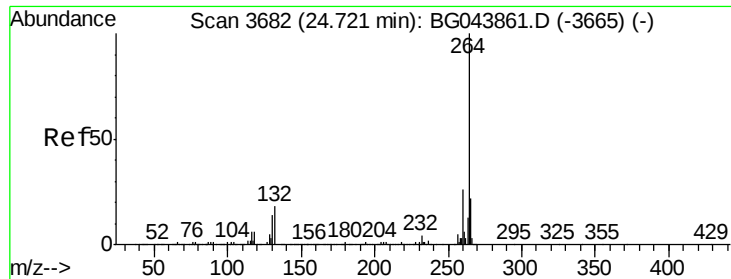


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

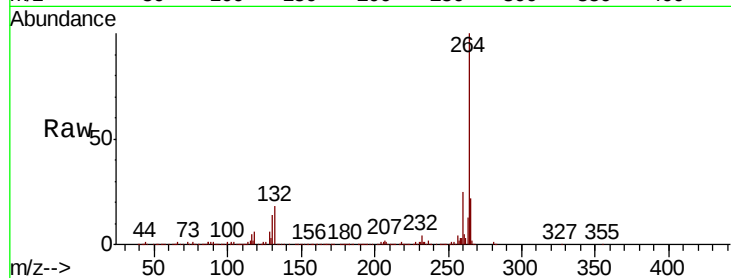




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	22.4	17.4	26.2

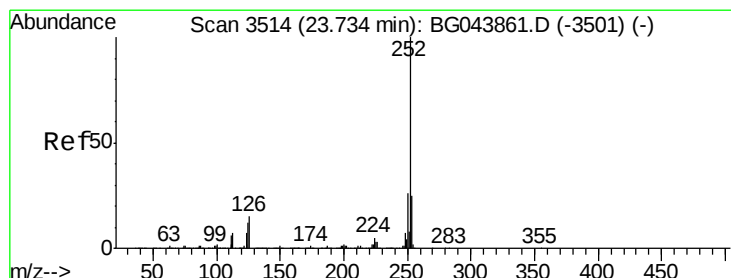
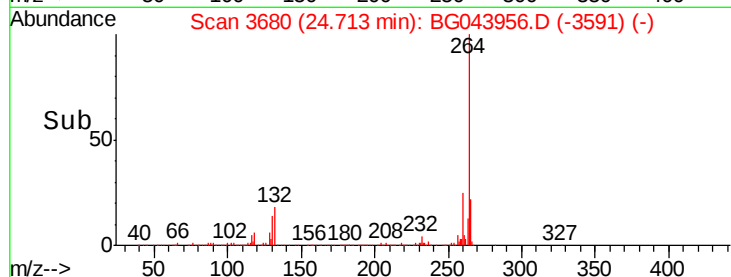
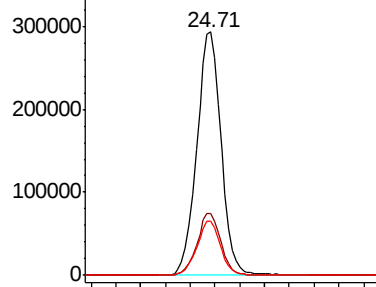


Abundance

Ion 264.00 (263.70 to 264.70): E

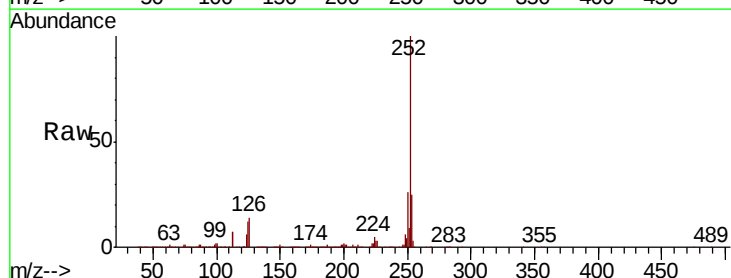
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 39.063 ng
RT: 23.73 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG043956.D
Acq: 7 Jan 2020 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.7	29.5
125	12.1	9.4	14.2

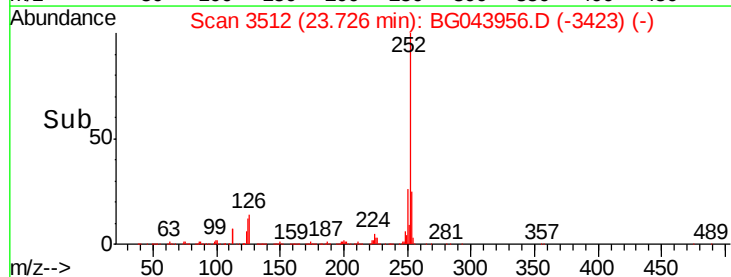
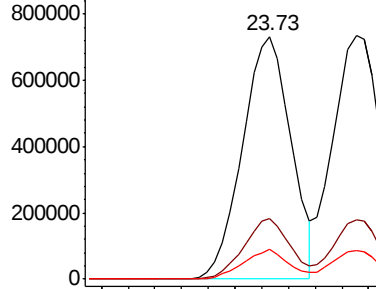


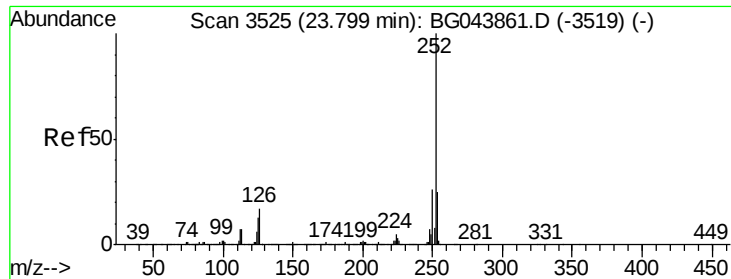
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.215 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

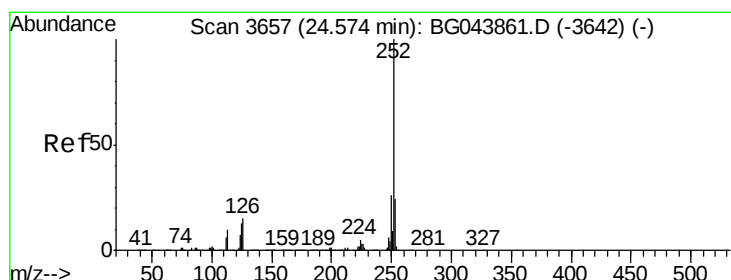
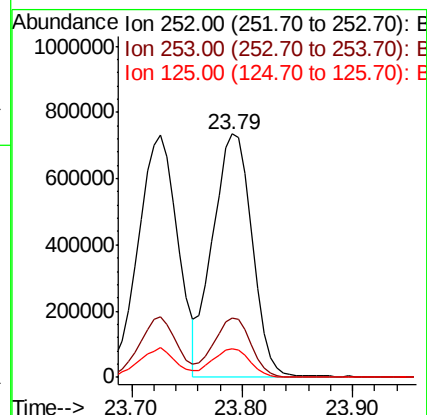
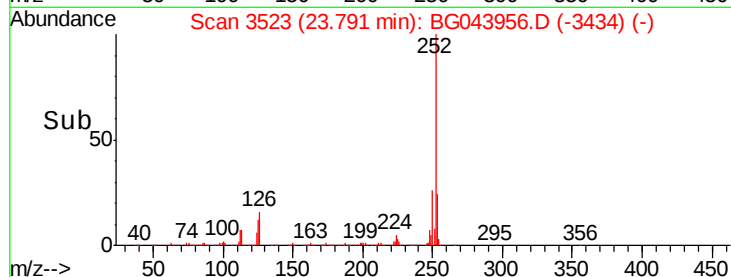
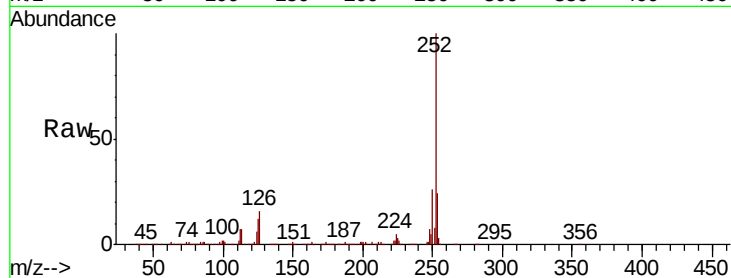
Tot Ion:252 Resp: 1808841

Ion Ratio Lower Upper

252 100

253 24.5 19.4 29.2

125 11.9 9.9 14.9



#90

Benzo(a)pyrene

Concen: 39.557 ng

RT: 24.57 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

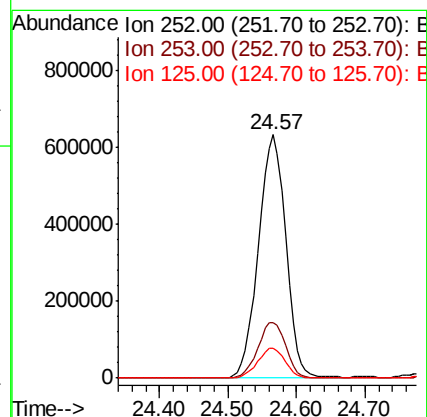
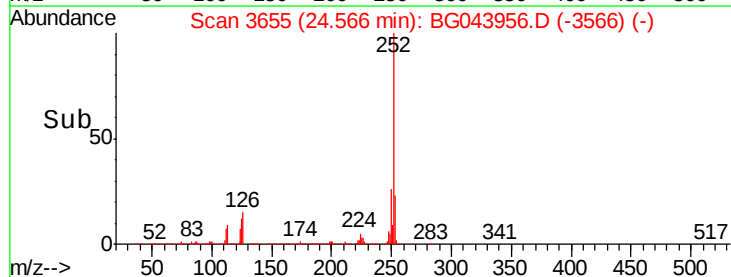
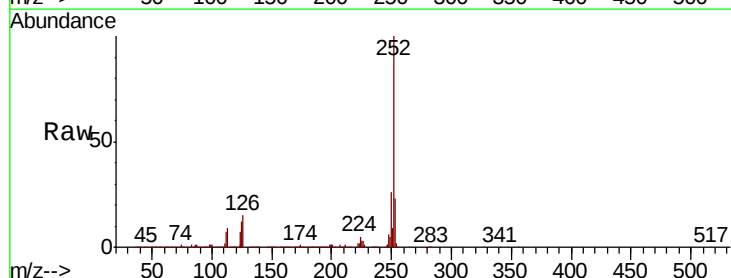
Tgt Ion:252 Resp: 1765936

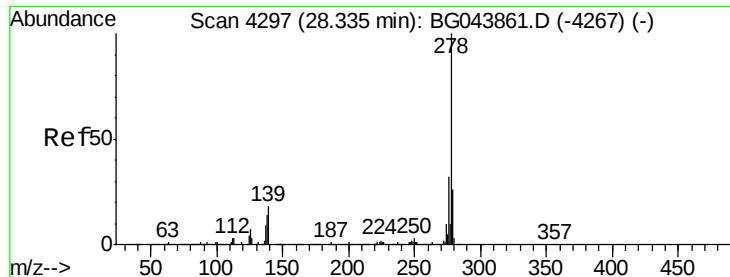
Ion Ratio Lower Upper

252 100

253 23.0 19.3 28.9

125 12.4 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 38.470 ng

RT: 28.32 min Scan# 4294

Delta R.T. -0.01 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

Instrument :

BNA_G

ClientSampleId :

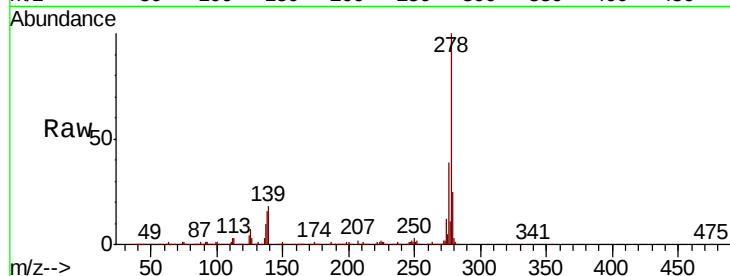
Tot Ion:278 Resp: 1724815

Ion Ratio Lower Upper

278 100

139 18.3 14.2 21.4

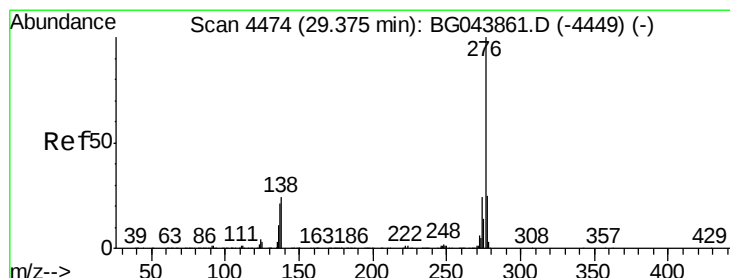
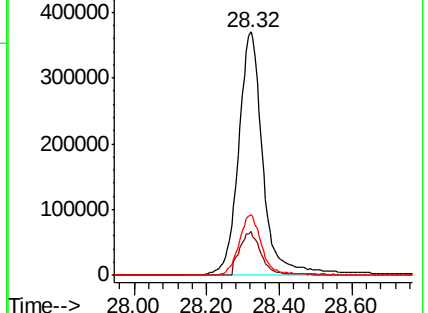
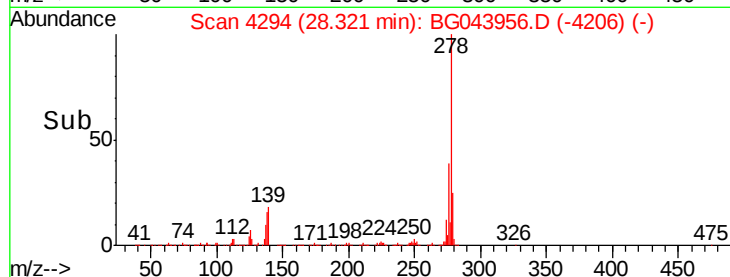
279 24.8 20.6 30.8



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: 37.464 ng

RT: 29.35 min Scan# 4470

Delta R.T. -0.02 min

Lab File: BG043956.D

Acq: 7 Jan 2020 15:44

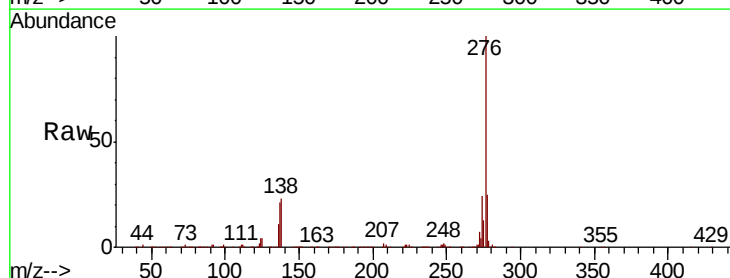
Tgt Ion:276 Resp: 1668455

Ion Ratio Lower Upper

276 100

277 24.8 20.2 30.4

138 22.9 19.0 28.6



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

