

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046523.D
 Acq On : 3 Sep 2020 19:29
 Operator : CG/JU
 Sample : L3871-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Quant Time: Sep 04 01:21:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82995	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	329064	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	219283	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	507474	20.00	ng	0.00
76) Chrysene-d12	21.56	240	486204	20.00	ng	0.00
86) Perylene-d12	24.65	264	512226	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	546171	116.56	ng	0.00
7) Phenol-d6	7.11	99	656227	98.79	ng	0.00
23) Nitrobenzene-d5	9.09	82	500516	86.93	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	333604	112.28	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1218138	84.80	ng	0.00
79) Terphenyl-d14	19.92	244	1828306	80.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	68893	35.339	ng	# 32
3) Pyridine	3.83	79	188190	32.994	ng	98
4) n-Nitrosodimethylamine	3.73	42	99873	47.475	ng	95
6) Aniline	7.26	93	227099	30.381	ng	99
8) 2-Chlorophenol	7.50	128	248618	50.200	ng	98
9) Benzaldehyde	7.07	77	140180	37.666	ng	98
10) Phenol	7.13	94	264641	43.254	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	232983	47.375	ng	98
12) 1,3-Dichlorobenzene	7.82	146	247761	39.404	ng	98
13) 1,4-Dichlorobenzene	7.97	146	249508	39.636	ng	98
14) 1,2-Dichlorobenzene	8.28	146	244634	40.530	ng	99
15) Benzyl Alcohol	8.17	79	219672	51.509	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	350990	46.012	ng	99
17) 2-Methylphenol	8.38	107	212833	49.051	ng	100
18) Hexachloroethane	9.01	117	83040	38.906	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	190160	47.858	ng	97
20) 3+4-Methylphenols	8.71	107	287213	47.957	ng	99
22) Acetophenone	8.75	105	366603	45.768	ng	# 98
24) Nitrobenzene	9.13	77	271297	47.697	ng	99
25) Isophorone	9.65	82	521169	49.375	ng	99
26) 2-Nitrophenol	9.84	139	148818	49.589	ng	96
27) 2,4-Dimethylphenol	9.91	122	238140	57.695	ng	96
28) bis(2-Chloroethoxy)methane	10.14	93	318749	46.917	ng	98
29) 2,4-Dichlorophenol	10.38	162	272767	49.572	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	264950	40.583	ng	99
31) Naphthalene	10.78	128	709660	44.169	ng	99
32) Benzoic acid	10.07	122	83220	31.531	ng	98
33) 4-Chloroaniline	10.89	127	74474	10.512	ng	99
34) Hexachlorobutadiene	11.08	225	163544	38.589	ng	99
35) Caprolactam	11.67	113	40251	19.570	ng	98
36) 4-Chloro-3-methylphenol	12.02	107	267378	49.683	ng	97
37) 2-Methylnaphthalene	12.39	142	559579	44.160	ng	98
38) 1-Methylnaphthalene	12.60	142	533693	44.463	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	336430	46.525	ng	99

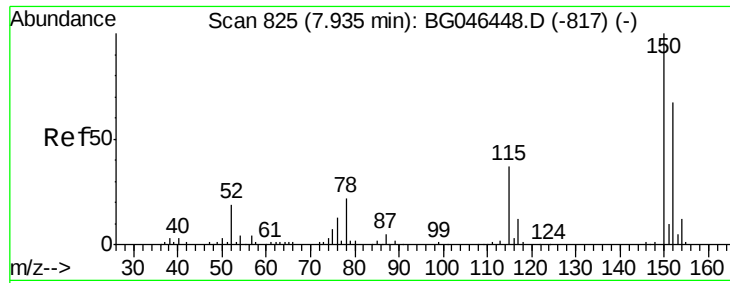
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	353889	112.550	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	241315	49.452	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	260892	50.886	ng	98
46) 1,1'-Biphenyl	13.40	154	744304	48.786	ng	98
47) 2-Chloronaphthalene	13.44	162	589212	45.550	ng	99
48) 2-Nitroaniline	13.64	65	169009	47.053	ng	99
49) Acenaphthylene	14.28	152	932079	47.502	ng	99
50) Dimethylphthalate	14.02	163	791344	46.646	ng	100
51) 2,6-Dinitrotoluene	14.14	165	183295	49.014	ng	98
52) Acenaphthene	14.63	154	570369	46.908	ng	98
53) 3-Nitroaniline	14.47	138	117430	28.989	ng	99
54) 2,4-Dinitrophenol	14.68	184	225358	103.240	ng	99
55) Dibenzofuran	14.96	168	914908	46.885	ng	99
56) 4-Nitrophenol	14.79	139	260427	87.356	ng	99
57) 2,4-Dinitrotoluene	14.92	165	264699	49.641	ng	# 98
58) Fluorene	15.61	166	767960	46.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	242997	48.807	ng	98
60) Diethylphthalate	15.38	149	767782	46.418	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	415291	46.041	ng	97
62) 4-Nitroaniline	15.63	138	175761	41.121	ng	94
63) Azobenzene	15.90	77	652157	48.470	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	163603	56.958	ng	96
66) n-Nitrosodiphenylamine	15.82	169	690044	50.403	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	290223	49.019	ng	98
68) Hexachlorobenzene	16.62	284	308735	47.085	ng	98
69) Atrazine	16.77	200	209431	37.498	ng	98
70) Pentachlorophenol	16.96	266	357558	104.370	ng	100
71) Phenanthrene	17.35	178	1230113	47.823	ng	98
72) Anthracene	17.44	178	1251204	49.302	ng	98
73) Carbazole	17.71	167	1141506	47.640	ng	99
74) Di-n-butylphthalate	18.27	149	1292289	46.902	ng	99
75) Fluoranthene	19.36	202	1519435	45.902	ng	99
77) Benzidine	19.54	184	120317	10.650	ng	99
78) Pyrene	19.72	202	1523756	49.215	ng	99
80) Butylbenzylphthalate	20.61	149	598024	49.519	ng	98
81) Benzo(a)anthracene	21.53	228	1452595	47.933	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	393055	34.950	ng	99
83) Chrysene	21.60	228	1422295	48.791	ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	834894	50.659	ng	100
85) Di-n-octyl phthalate	22.63	149	1465543	51.934	ng	99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1854829	50.418	ng	100
88) Benzo(b)fluoranthene	23.68	252	1563205	48.875	ng	96
89) Benzo(k)fluoranthene	23.74	252	1545266	49.991	ng	98
90) Benzo(a)pyrene	24.51	252	1437277	48.153	ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1512513	50.947	ng	99
92) Benzo(g,h,i)perylene	29.28	276	1551322	52.329	ng	98

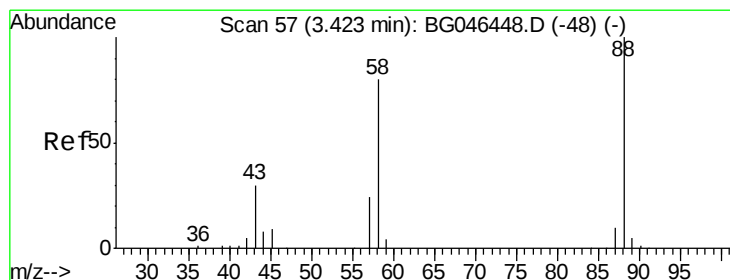
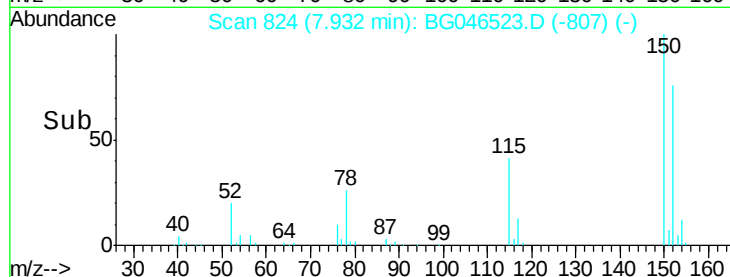
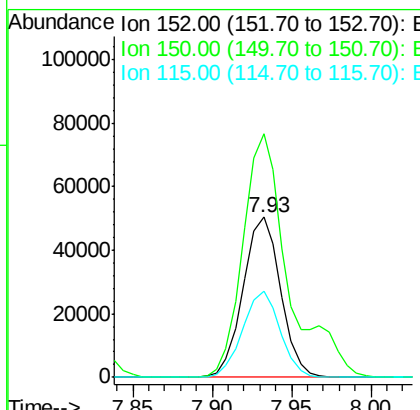
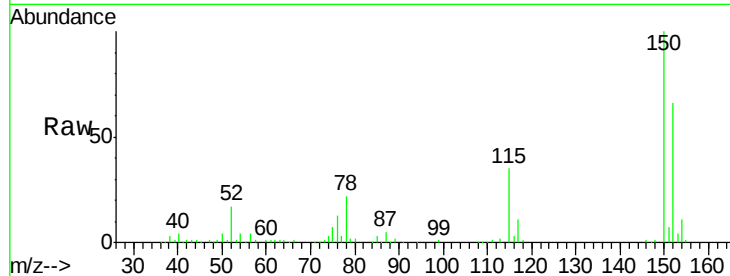
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

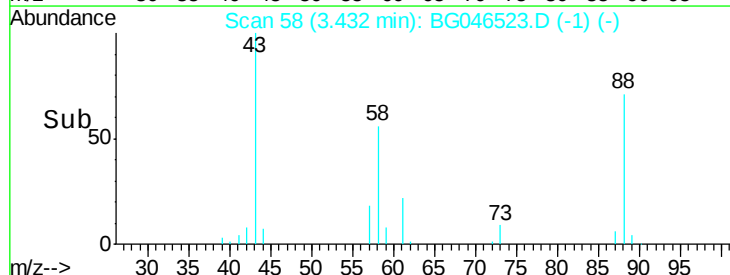
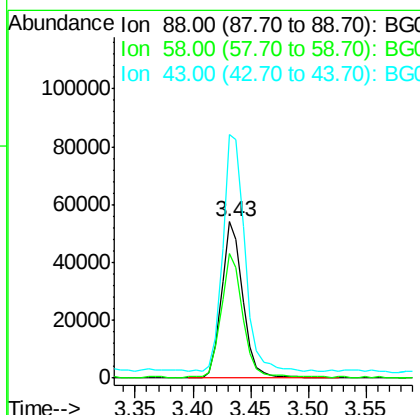
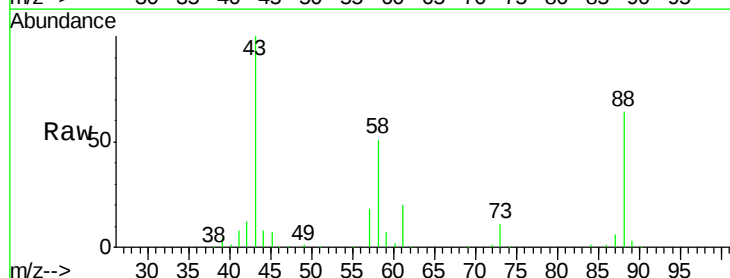
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

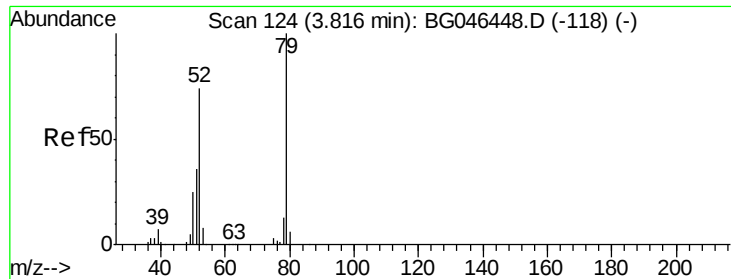
Tot Ion:152 Resp: 82995
 Ion Ratio Lower Upper
 152 100
 150 152.3 119.5 179.3
 115 53.6 44.3 66.5



#2
 1,4-Dioxane
 Concen: 35.339 ng
 RT: 3.43 min Scan# 58
 Delta R.T. 0.01 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion: 88 Resp: 68893
 Ion Ratio Lower Upper
 88 100
 58 81.3 61.4 92.2
 43 153.9 21.6 32.4#





#3

Pvridine

Concen: 32.994 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.02 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

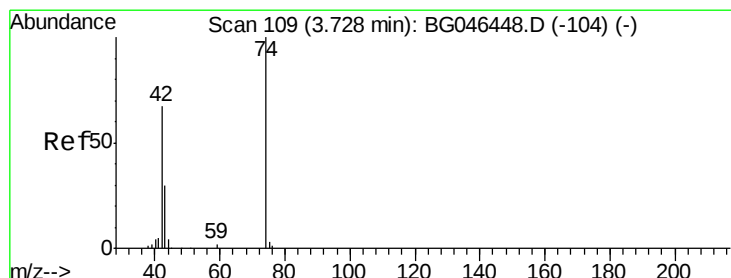
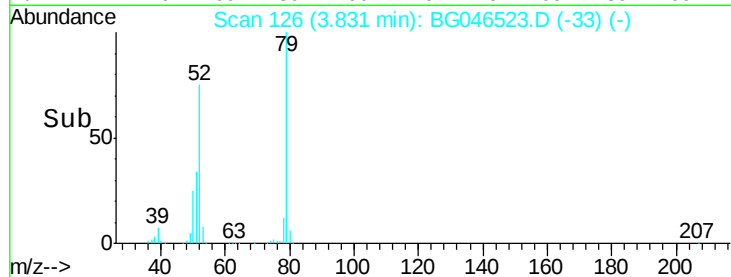
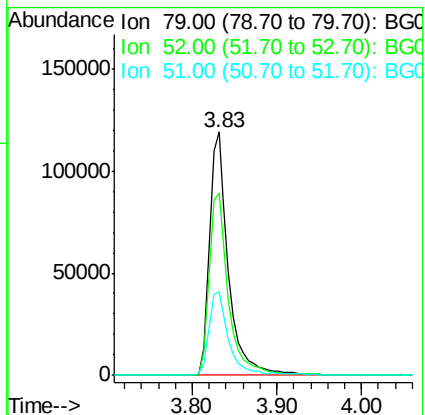
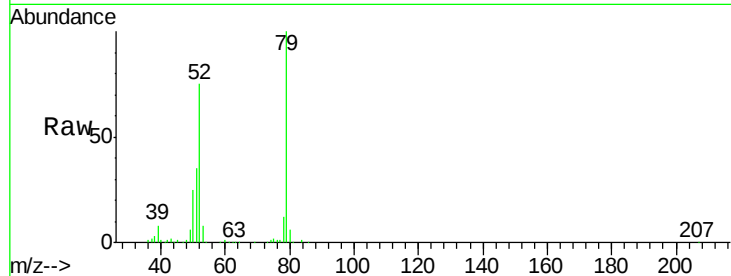
Tot Ion: 79 Resp: 188190

Ion Ratio Lower Upper

79 100

52 74.8 59.1 88.7

51 34.6 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 47.475 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

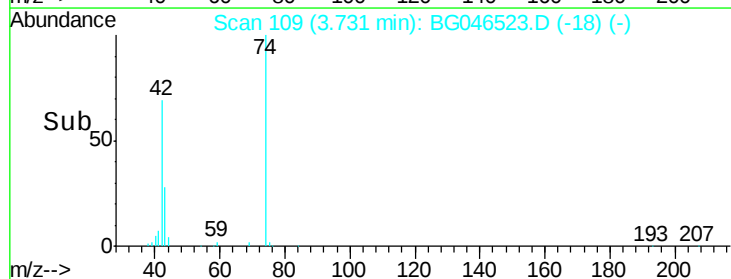
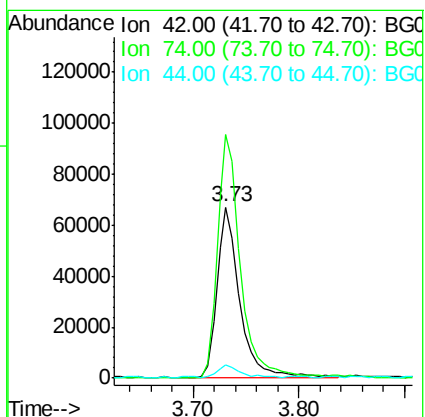
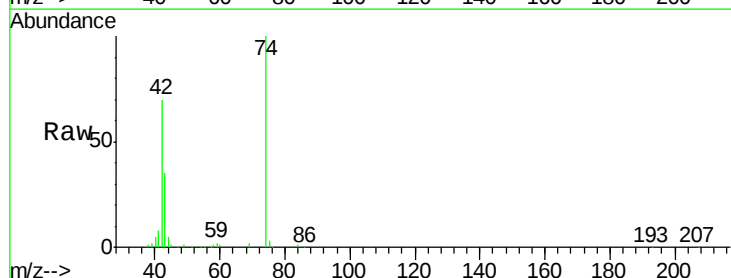
Tgt Ion: 42 Resp: 99873

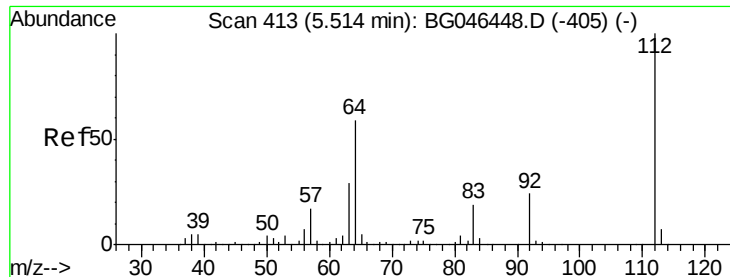
Ion Ratio Lower Upper

42 100

74 142.6 119.5 179.3

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 116.558 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

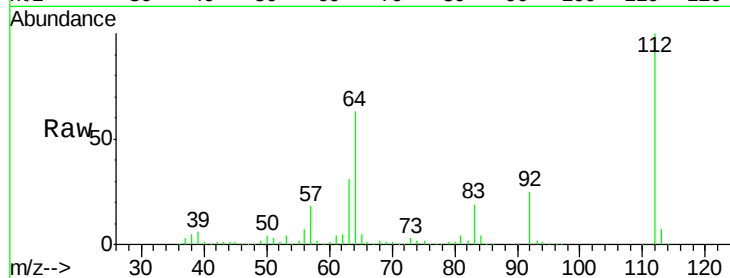
Tot Ion:112 Resp: 546171

Ion Ratio Lower Upper

112 100

64 62.6 47.0 70.6

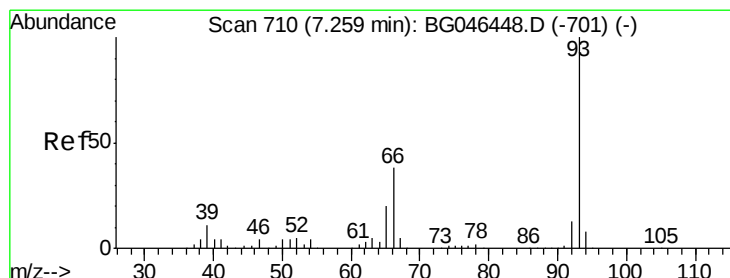
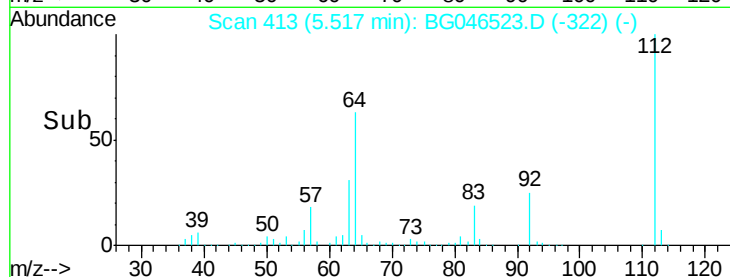
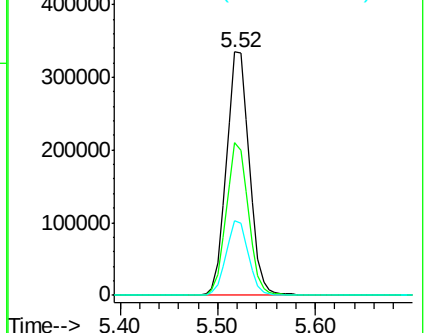
63 30.6 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 30.381 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

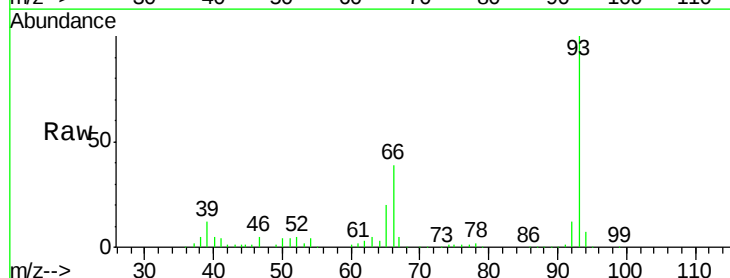
Tgt Ion: 93 Resp: 227099

Ion Ratio Lower Upper

93 100

66 38.9 30.4 45.6

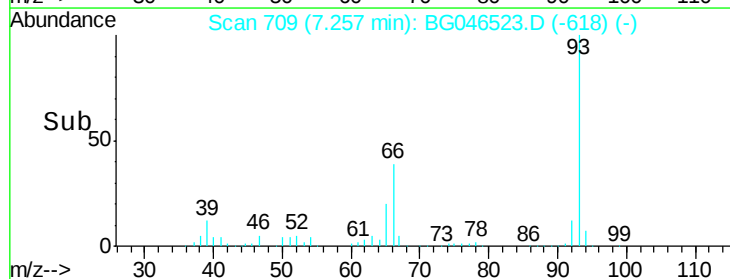
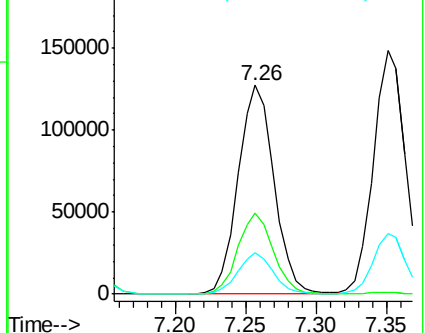
65 19.5 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 98.790 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046523.D

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ClientSampleId :

TR-05-090220MS

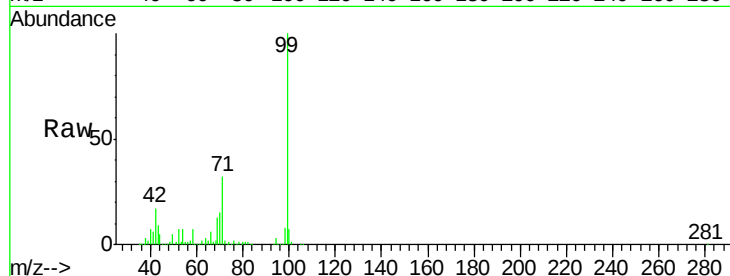
Tot Ion: 99 Resp: 656227

Ion Ratio Lower Upper

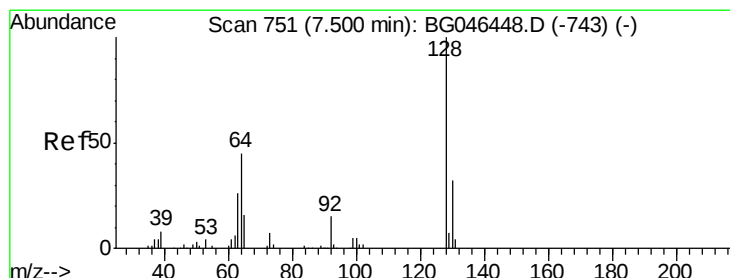
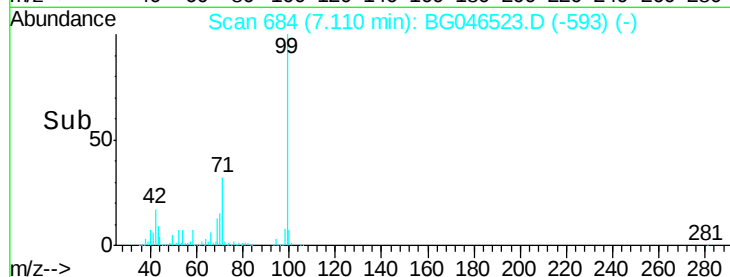
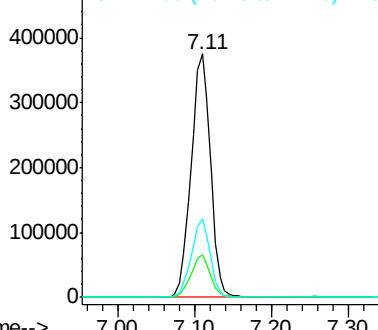
99 100

42 17.4 13.3 19.9

71 32.2 25.3 37.9



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: 50.200 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

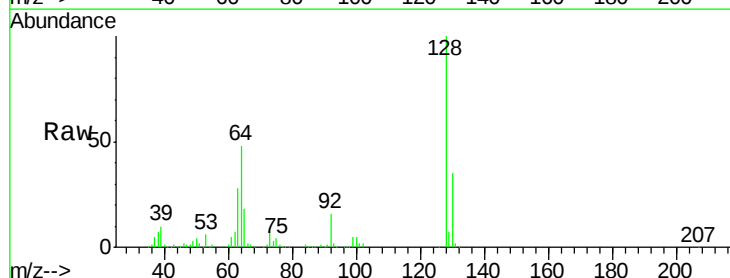
Tgt Ion: 128 Resp: 248618

Ion Ratio Lower Upper

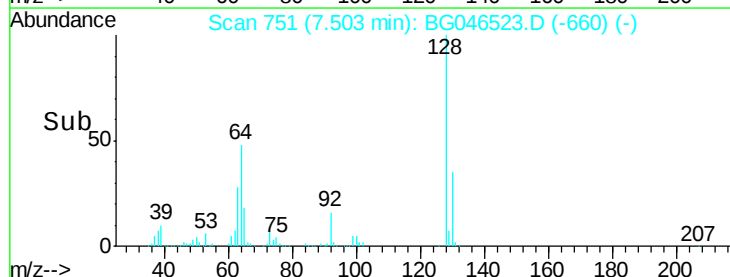
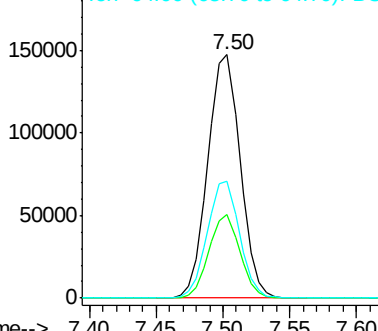
128 100

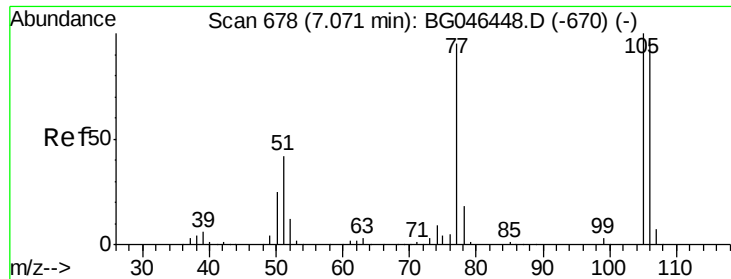
130 34.5 12.4 52.4

64 47.9 28.1 68.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 37.666 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

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ClientSampleId :

TR-05-090220MS

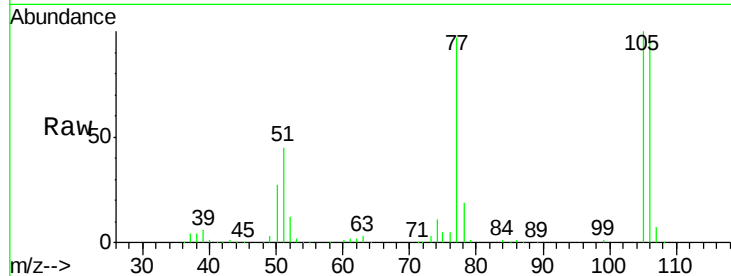
Tot Ion: 77 Resp: 140180

Ion Ratio Lower Upper

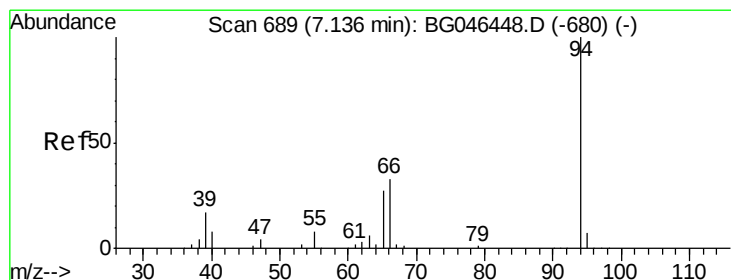
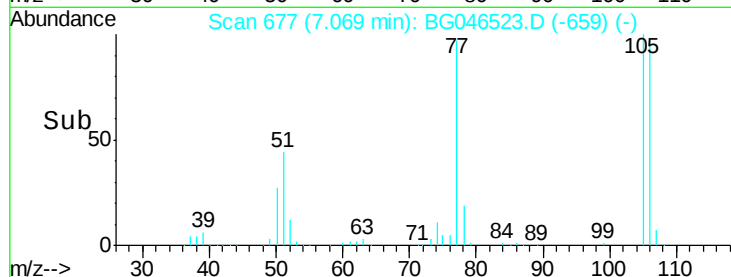
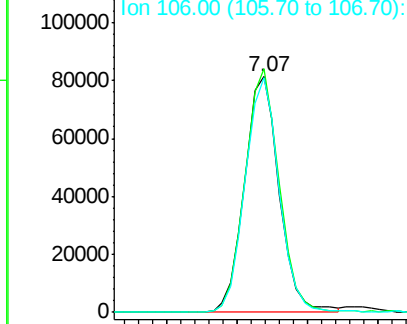
77 100

105 103.2 85.6 125.6

106 99.3 80.8 120.8



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: 43.254 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

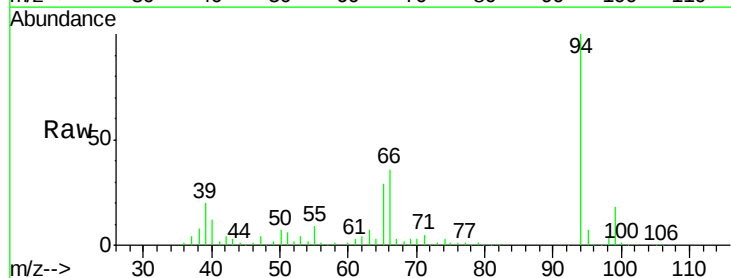
Tgt Ion: 94 Resp: 264641

Ion Ratio Lower Upper

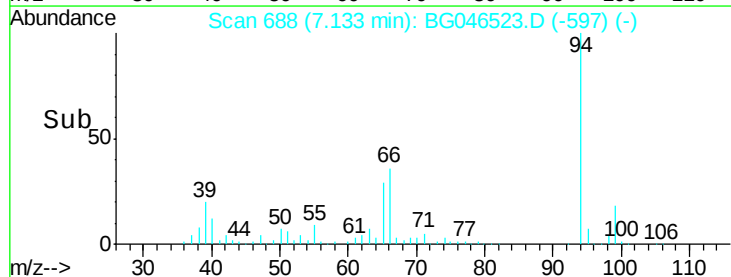
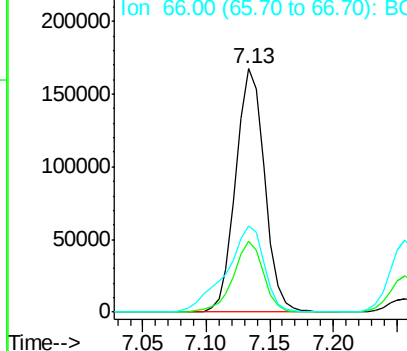
94 100

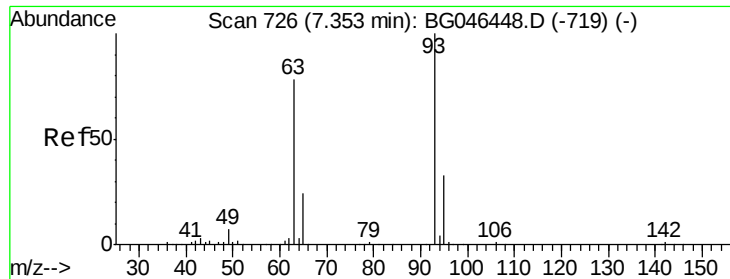
65 29.1 7.5 47.5

66 35.6 14.1 54.1



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

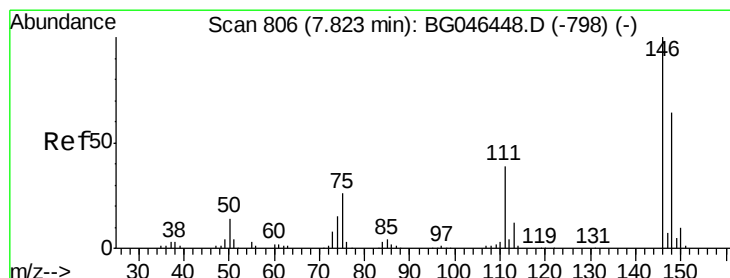
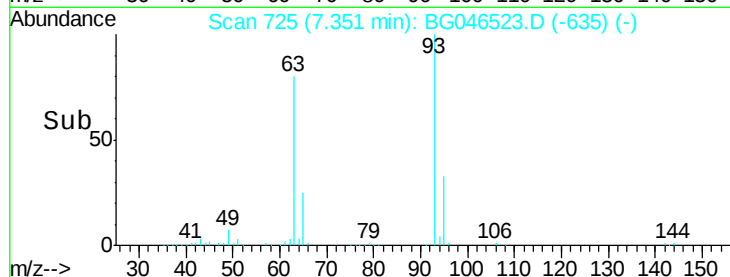
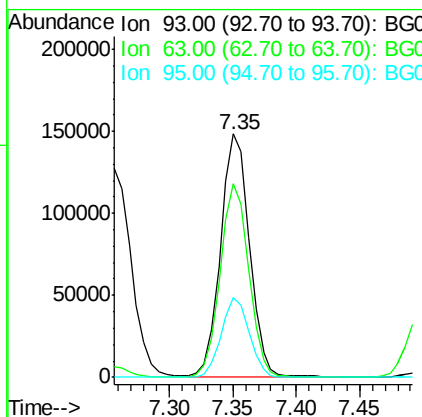
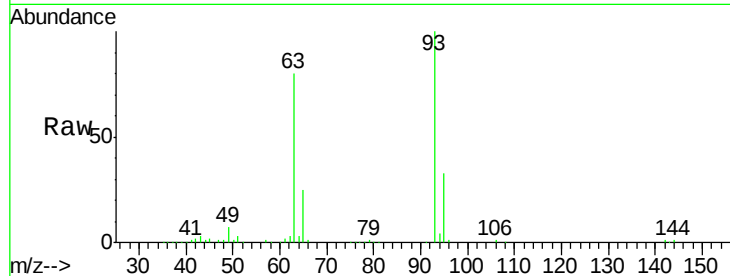




#11
bis(2-Chloroethyl)ether
Concen: 47.375 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

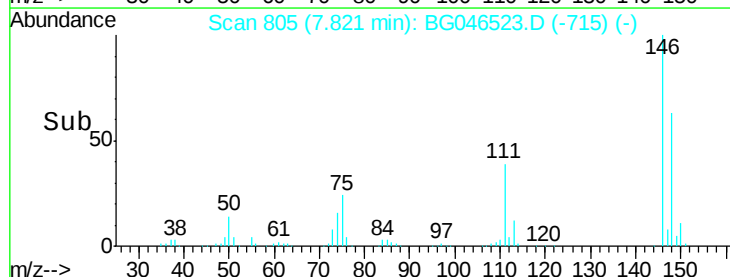
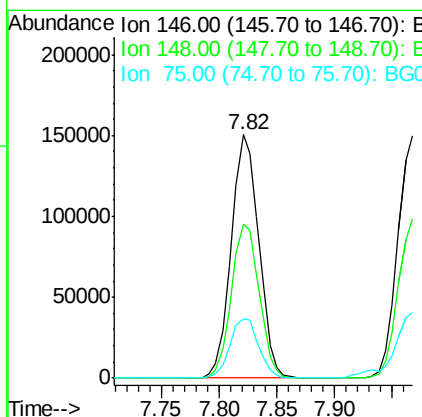
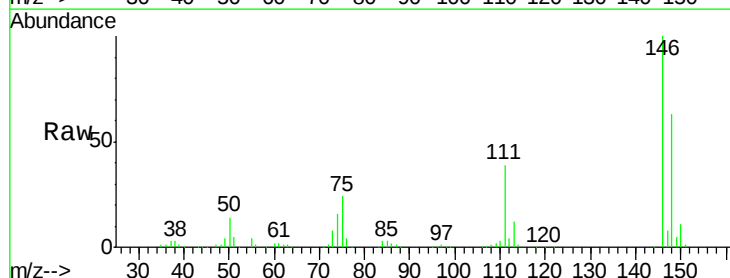
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

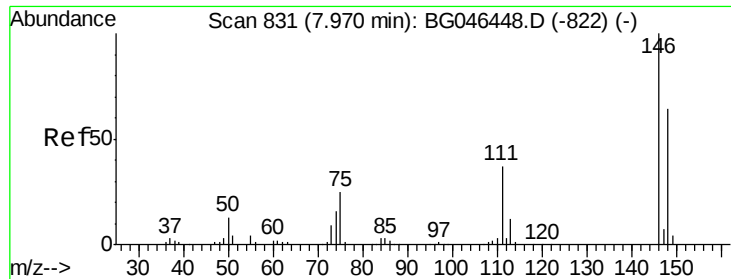
Tot Ion: 93 Resp: 232983
Ion Ratio Lower Upper
93 100
63 79.7 57.7 97.7
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.404 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion: 146 Resp: 247761
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 24.5 20.7 31.1

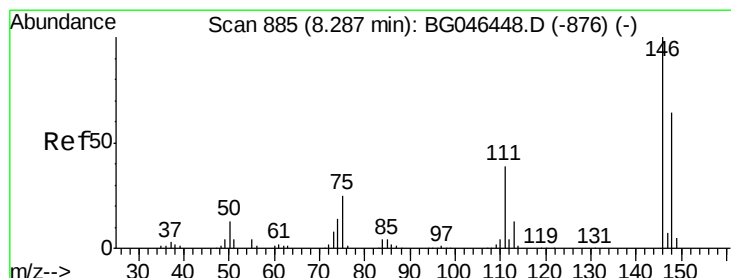
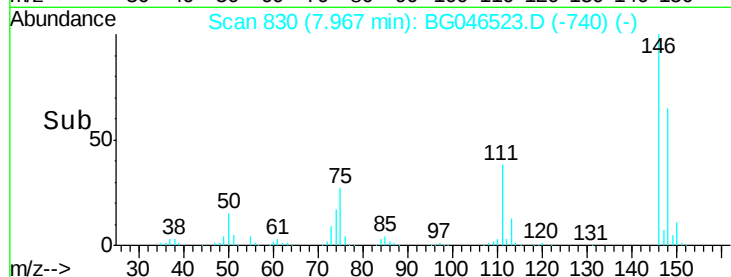
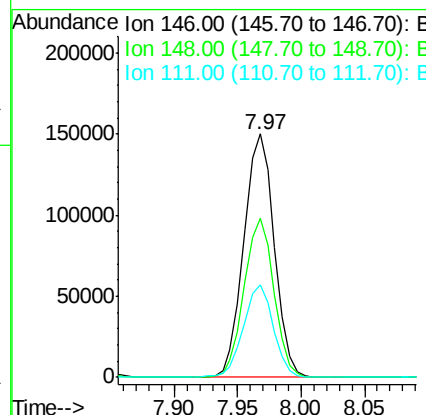
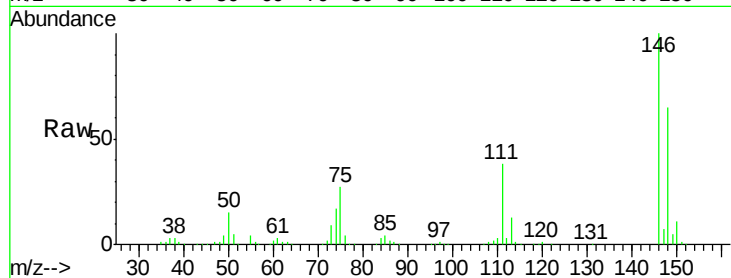




#13
 1,4-Dichlorobenzene
 Concen: 39.636 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

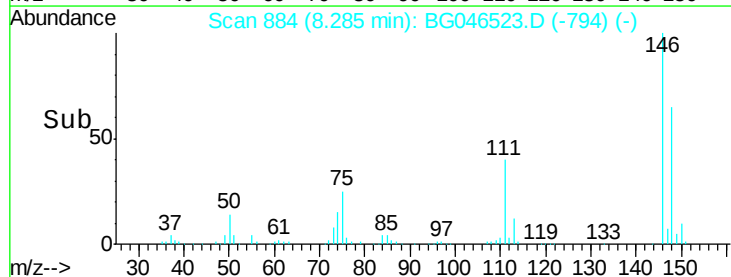
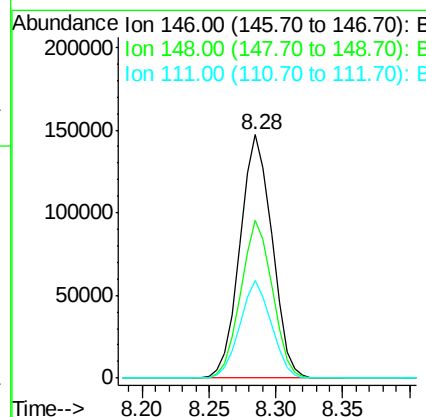
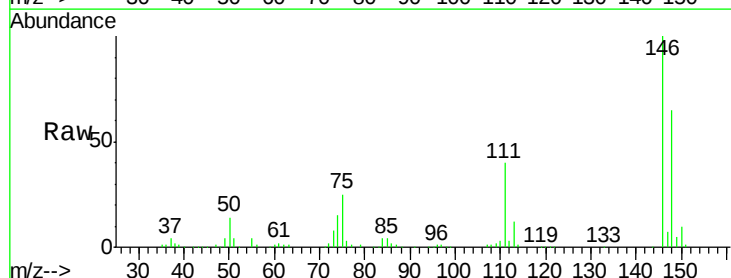
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

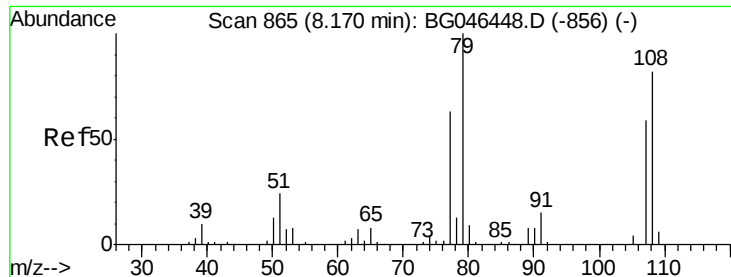
Tot Ion:146 Resp: 249508
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.9 76.3
 111 37.8 29.8 44.6



#14
 1,2-Dichlorobenzene
 Concen: 40.530 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion:146 Resp: 244634
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 111 40.2 31.4 47.2





#15

Benzyl Alcohol

Concen: 51.509 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

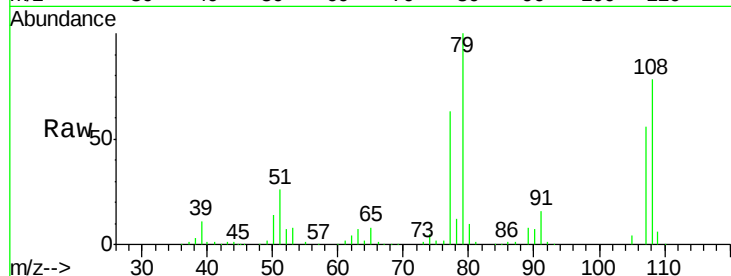
Tot Ion: 79 Resp: 219672

Ion Ratio Lower Upper

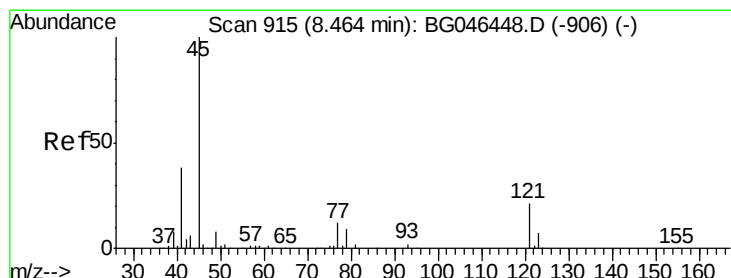
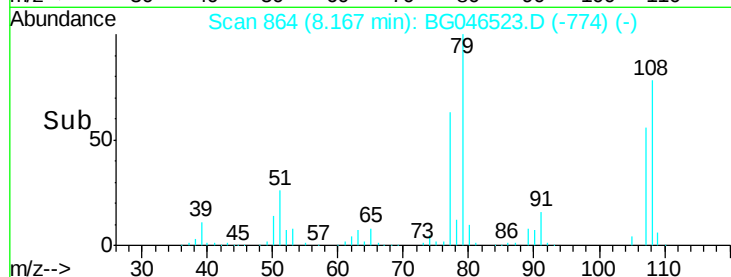
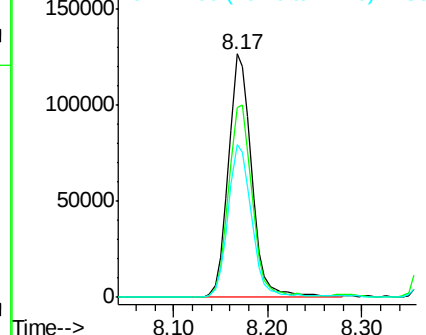
79 100

108 77.8 65.7 98.5

77 62.5 50.3 75.5



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: 46.012 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

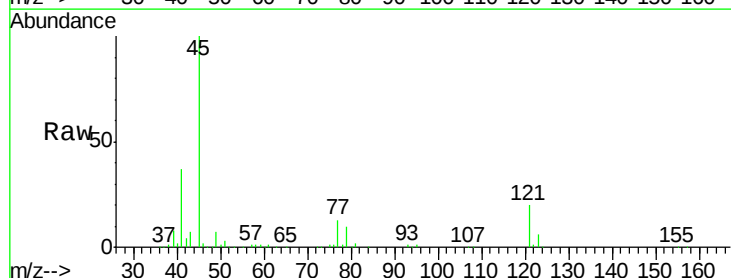
Tgt Ion: 45 Resp: 350990

Ion Ratio Lower Upper

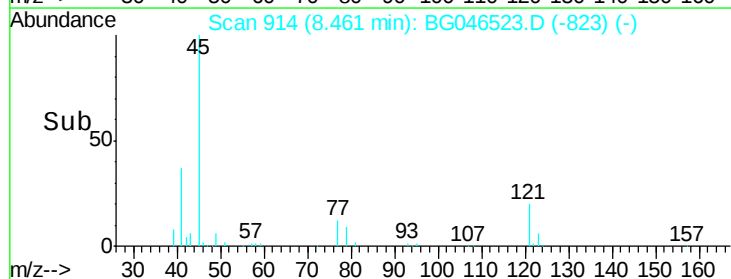
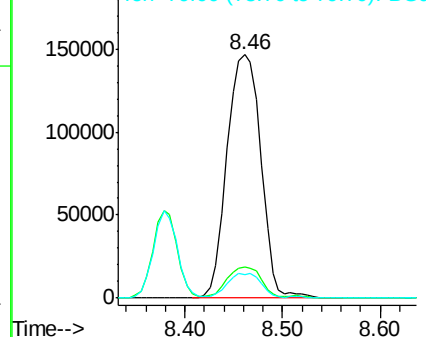
45 100

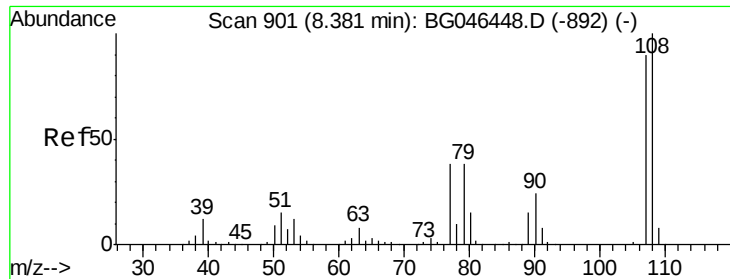
77 12.8 0.0 33.2

79 9.6 0.0 30.3



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

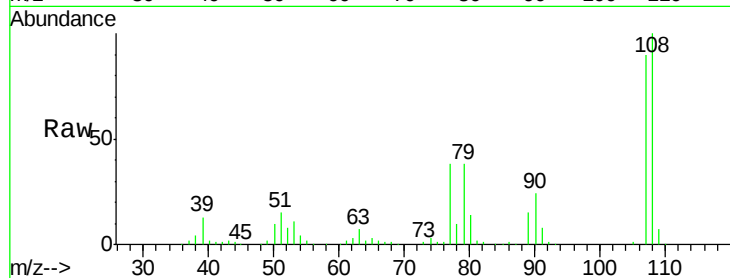




#17
2-Methylphenol
Concen: 49.051 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.4	134.0
77	42.2	34.5	51.7
79	42.2	33.8	50.6



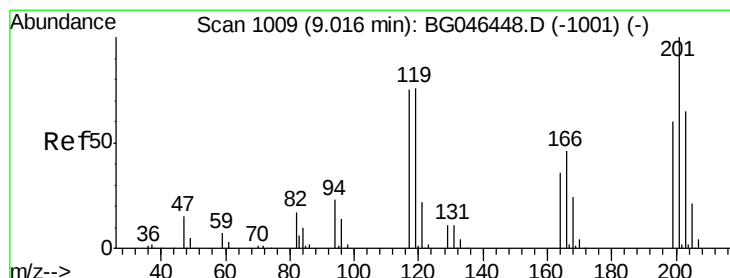
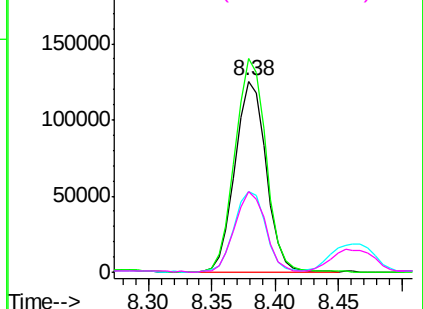
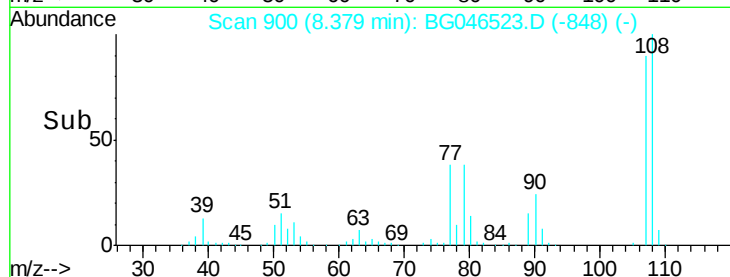
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

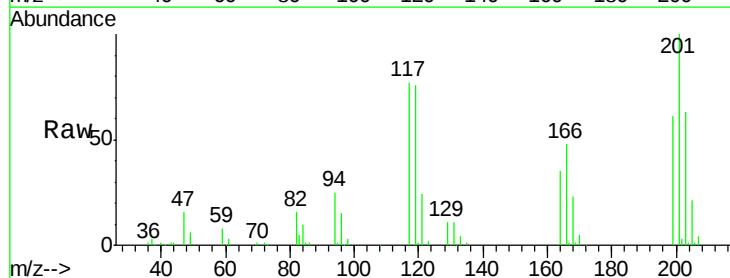
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.906 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	80.8	121.2
201	129.5	106.7	160.1

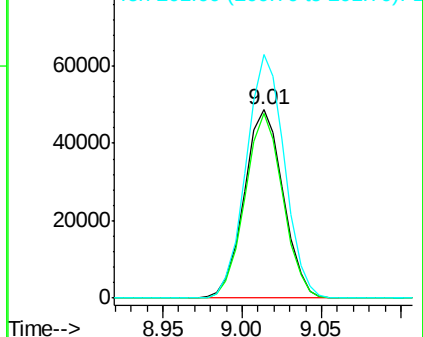
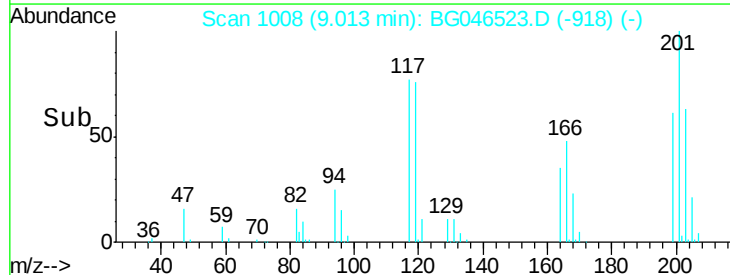


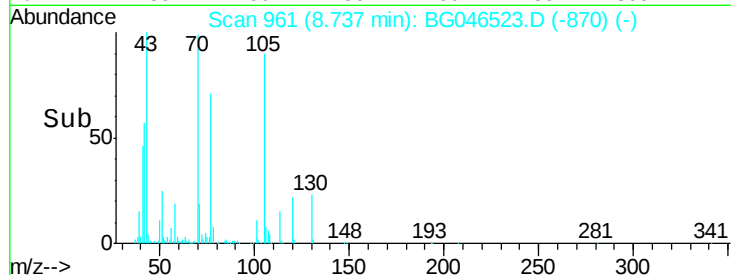
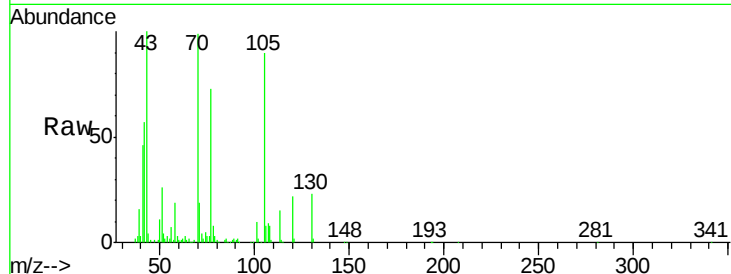
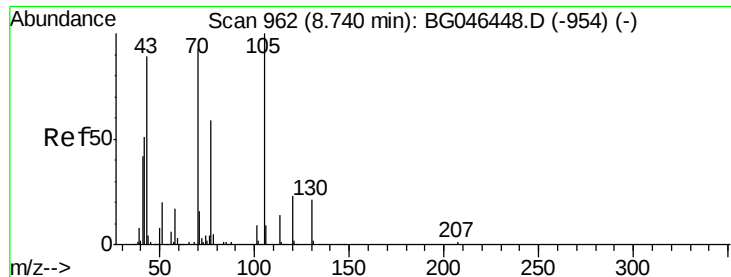
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

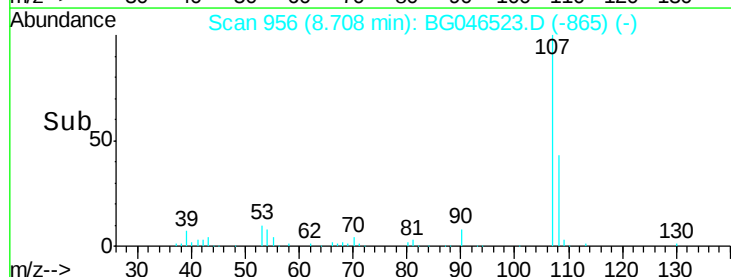
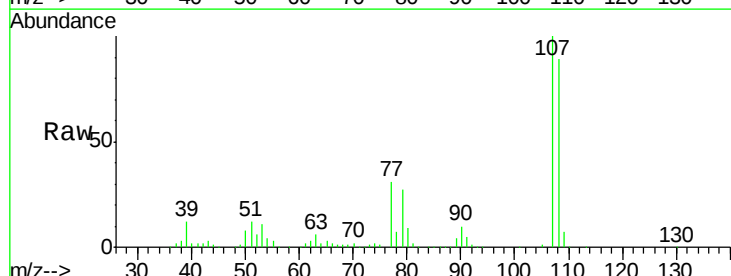
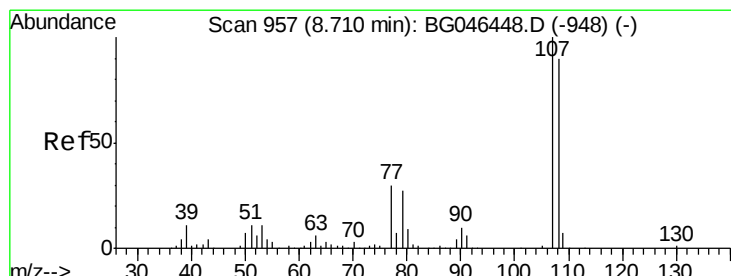
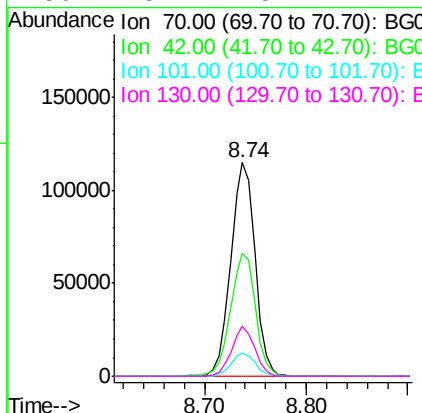




#19
n-Nitroso-di-n-propylamine
Concen: 47.858 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

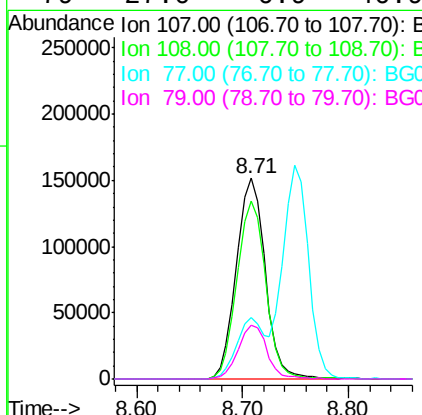
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

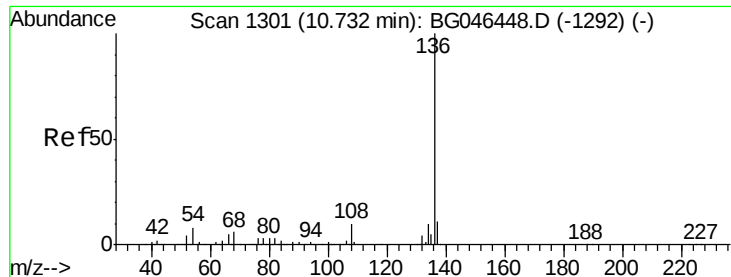
Tot Ion: 70 Resp: 190160
Ion Ratio Lower Upper
70 100
42 57.7 44.2 66.2
101 10.6 7.8 11.8
130 23.2 18.2 27.4



#20
3+4-Methylphenols
Concen: 47.957 ng
RT: 8.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion: 107 Resp: 287213
Ion Ratio Lower Upper
107 100
108 88.8 69.7 109.7
77 30.5 9.7 49.7
79 27.0 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

Tot Ion:136 Resp: 329064

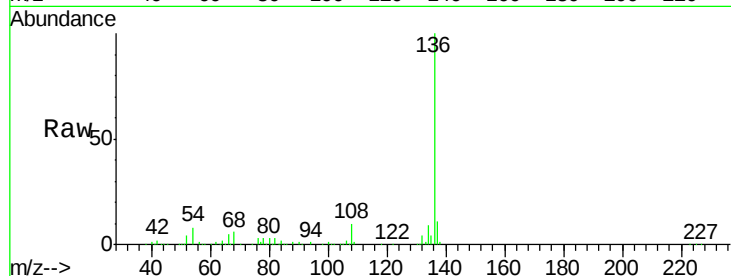
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.1 6.1 9.1

68 5.7 4.8 7.2

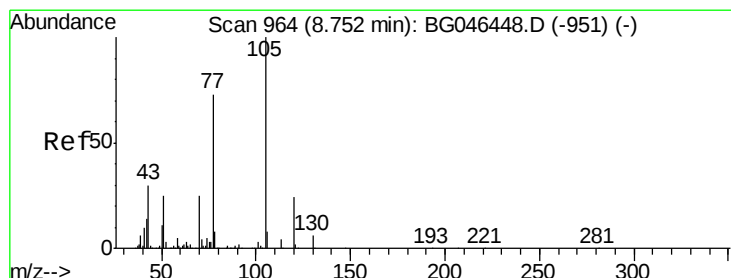
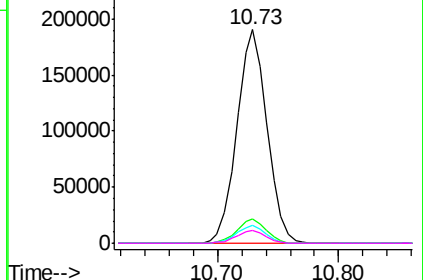
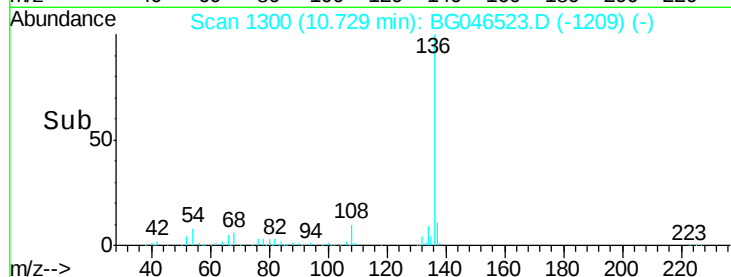


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.768 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Tgt Ion:105 Resp: 366603

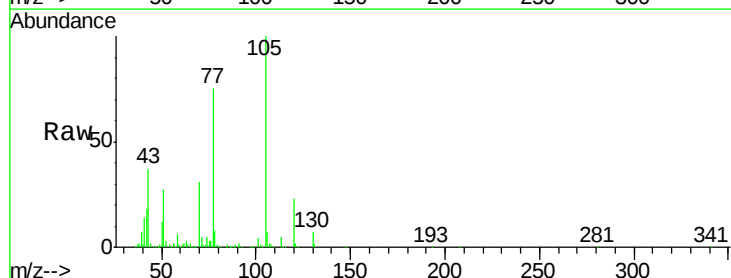
Ion Ratio Lower Upper

105 100

71 5.1 3.3 4.9#

51 26.8 20.6 31.0

120 23.4 19.0 28.6

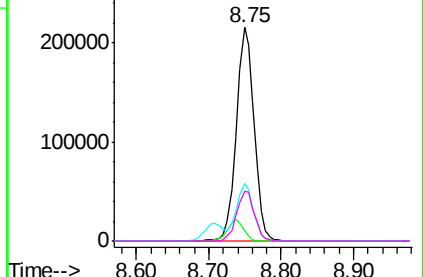
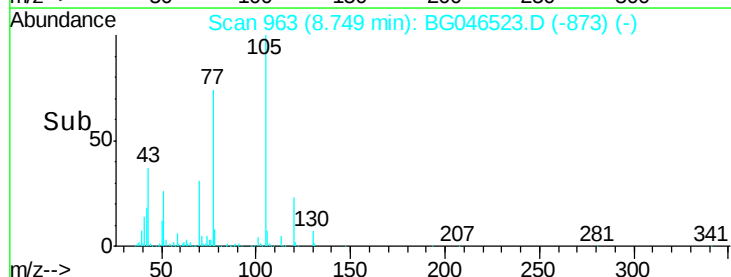


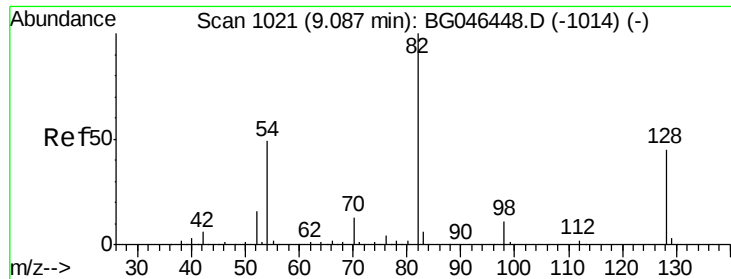
Abundance Ion 105.00 (104.70 to 105.70): E

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

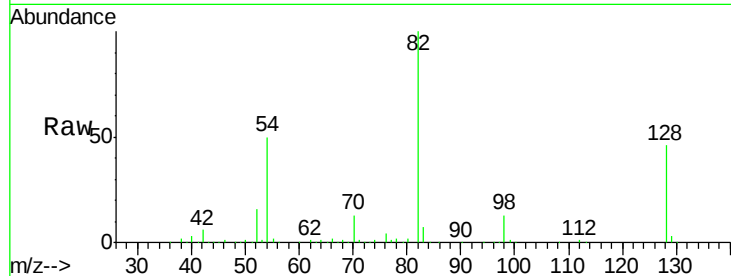




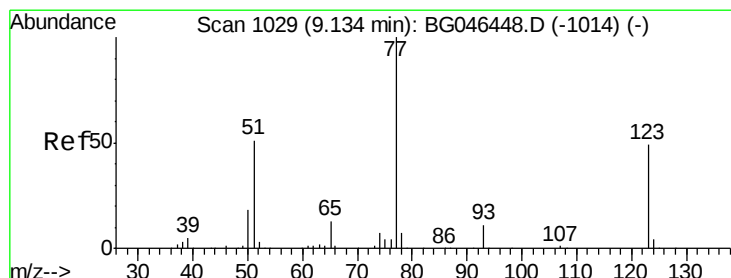
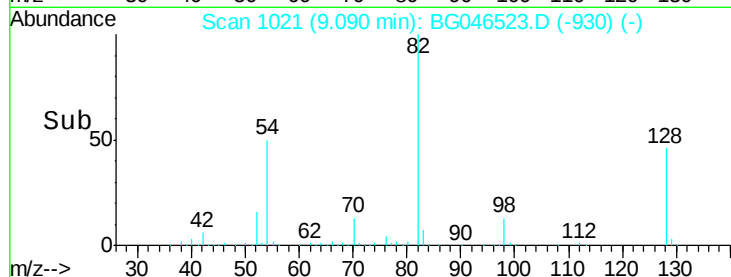
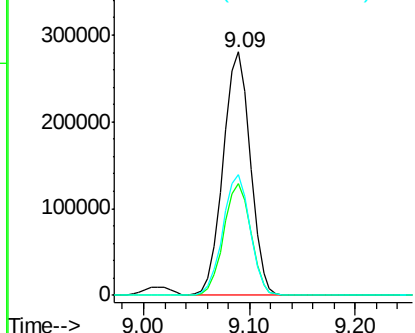
#23
Nitrobenzene-d5
Concen: 86.935 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	82	Resp	500516
Ion Ratio	100	Lower	Upper
128	46.0	35.7	53.5
54	49.8	39.4	59.0

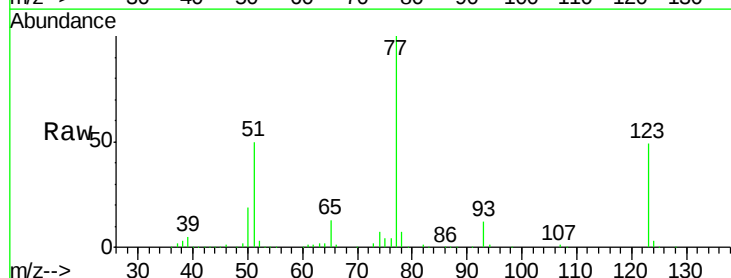


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

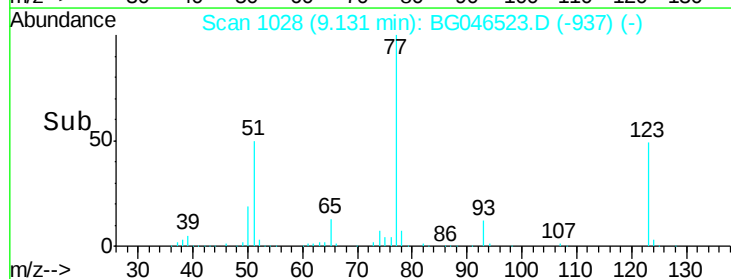
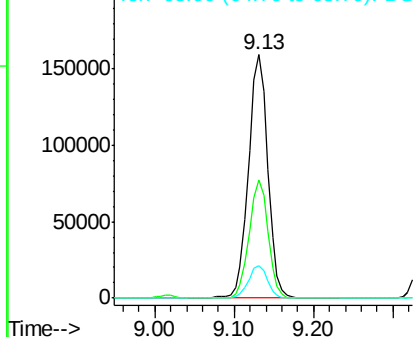


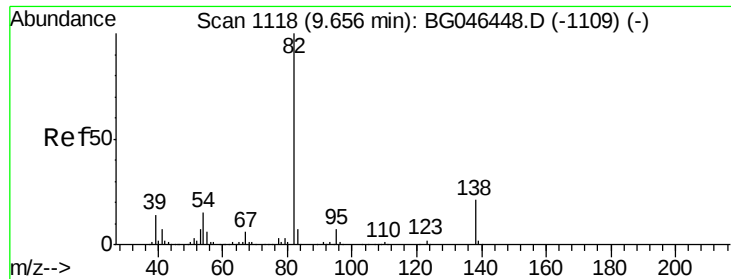
#24
Nitrobenzene
Concen: 47.697 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	77	Resp	271297
Ion Ratio	100	Lower	Upper
123	48.7	39.6	59.4
65	13.4	10.1	15.1



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





#25

Isophorone

Concen: 49.375 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

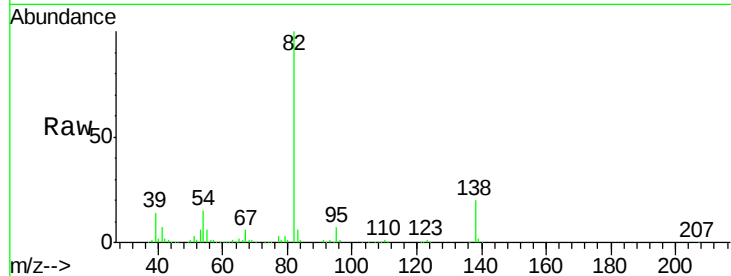
Tot Ion: 82 Resp: 521169

Ion Ratio Lower Upper

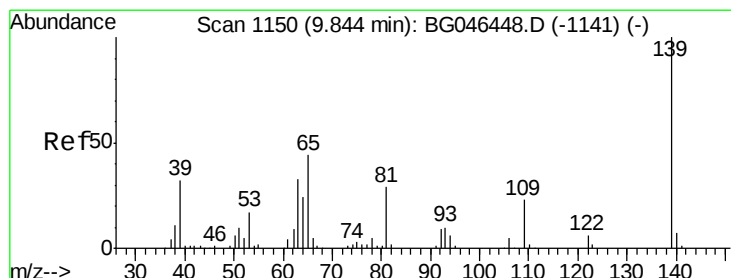
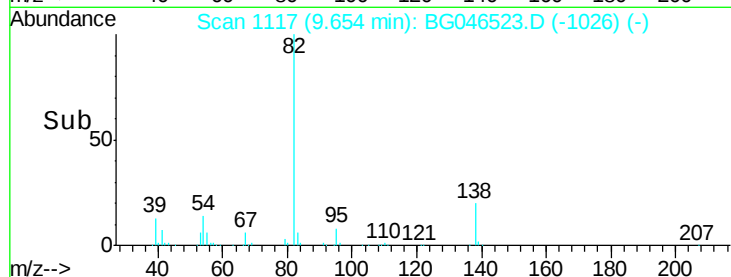
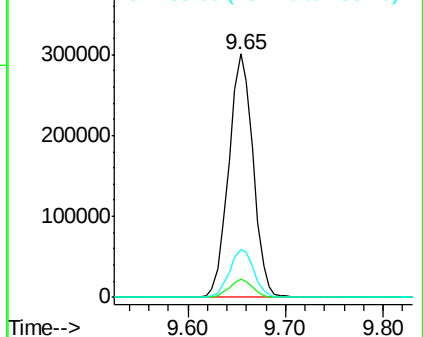
82 100

95 7.3 5.8 8.6

138 19.8 16.4 24.6



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



#26

2-Nitrophenol

Concen: 49.589 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

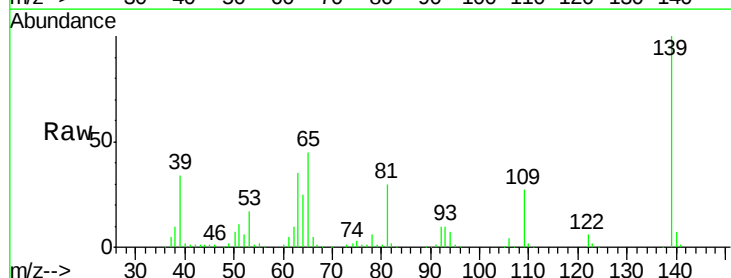
Tgt Ion: 139 Resp: 148818

Ion Ratio Lower Upper

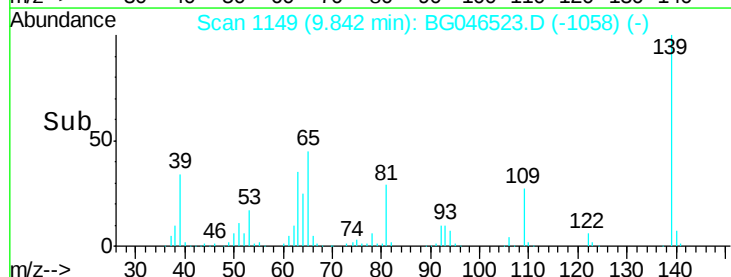
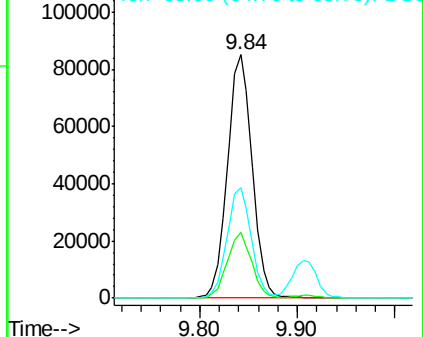
139 100

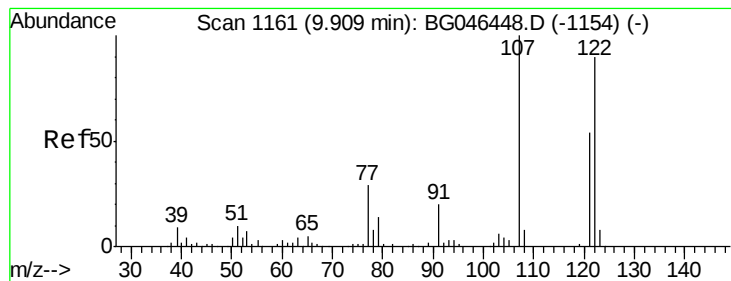
109 26.8 18.8 28.2

65 45.2 35.0 52.6



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





#27

2,4-Dimethylphenol

Concen: 57.695 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

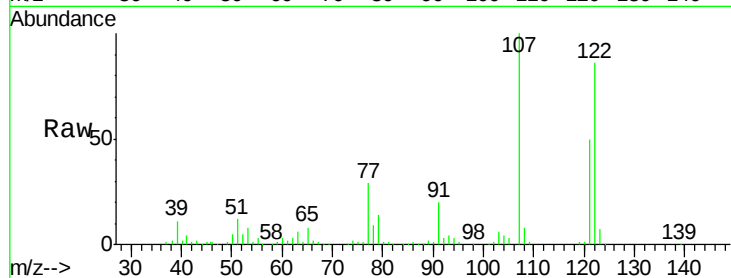
Tot Ion:122 Resp: 238140

Ion Ratio Lower Upper

122 100

107 116.4 88.2 132.2

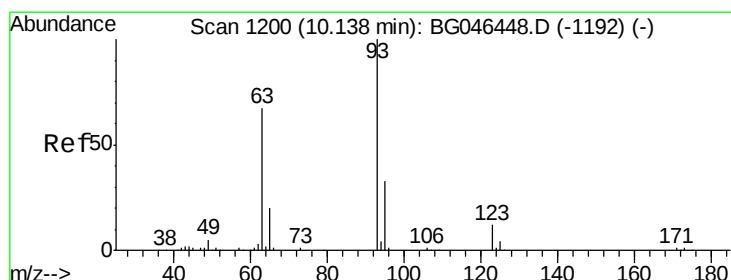
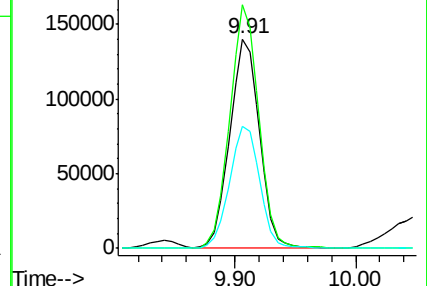
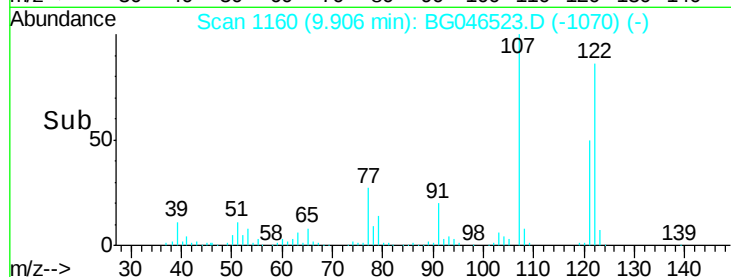
121 58.6 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.917 ng

RT: 10.14 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

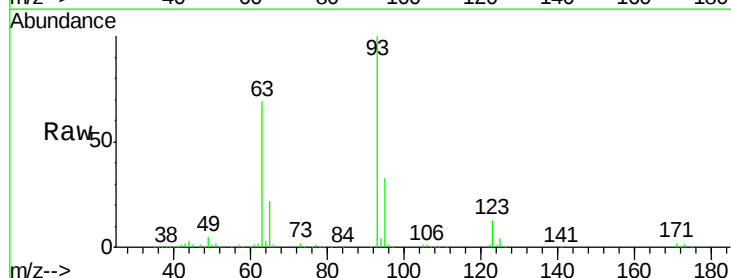
Tgt Ion: 93 Resp: 318749

Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

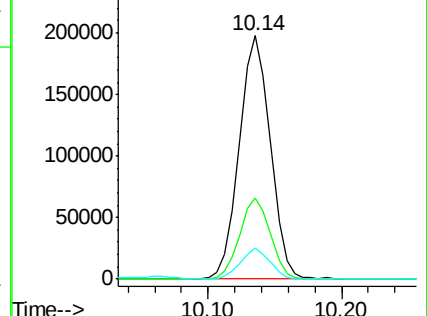
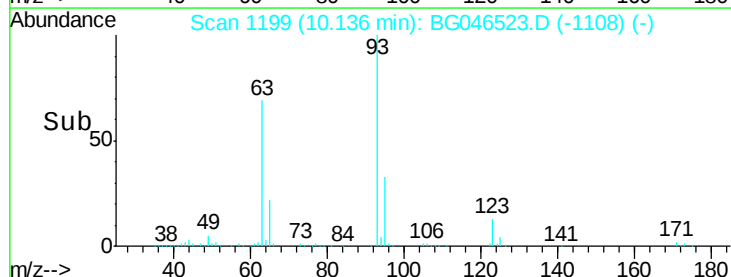
123 12.9 9.5 14.3

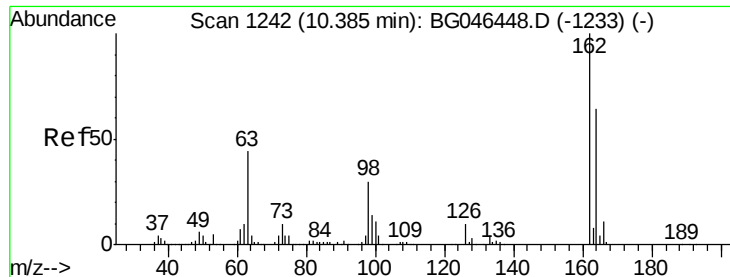


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

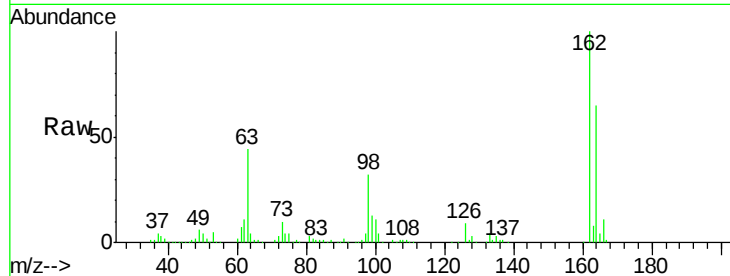




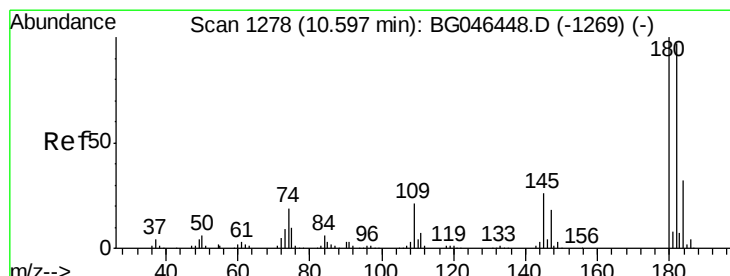
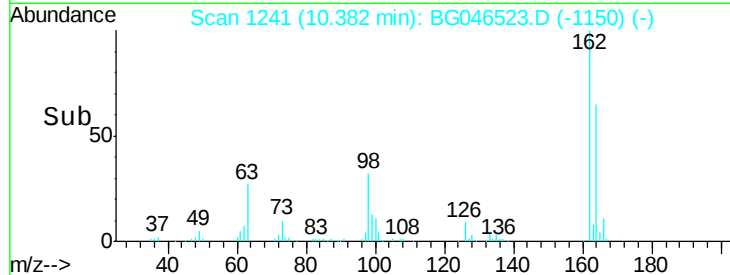
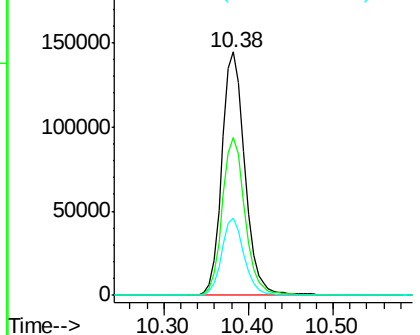
#29
 2,4-Dichlorophenol
 Concen: 49.572 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.3	84.3
98	31.7	10.0	50.0

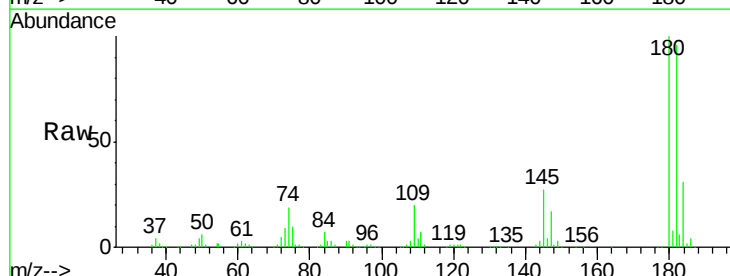


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

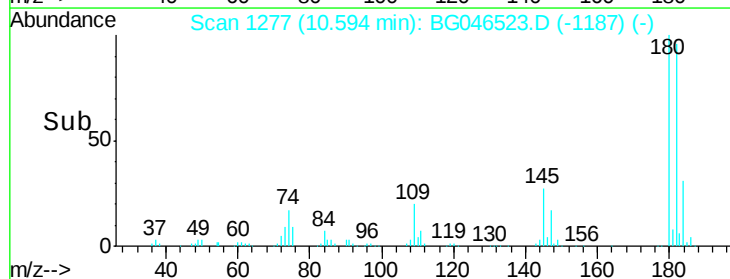
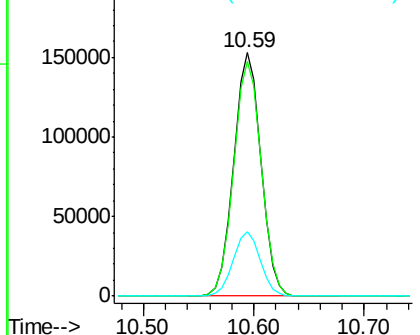


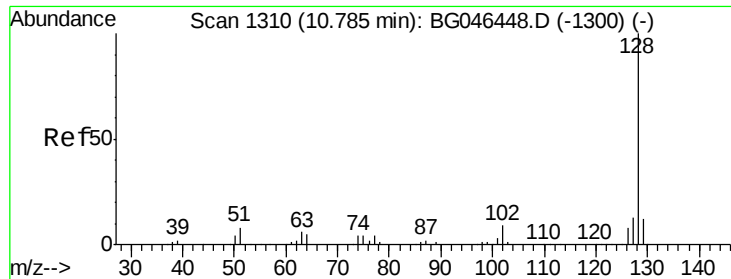
#30
 1,2,4-Trichlorobenzene
 Concen: 40.583 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.8	116.8
145	26.6	20.9	31.3



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

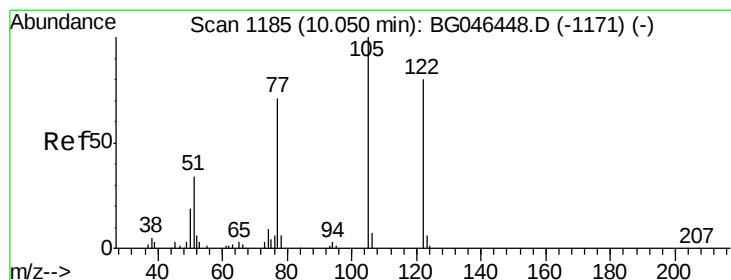
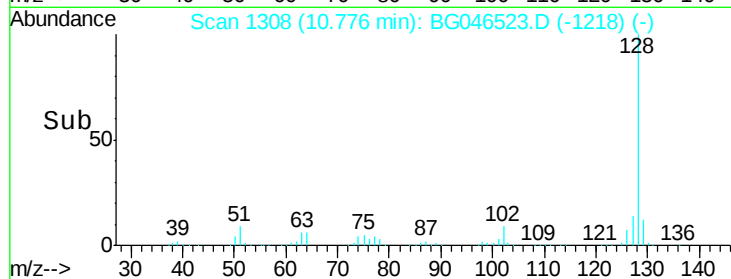
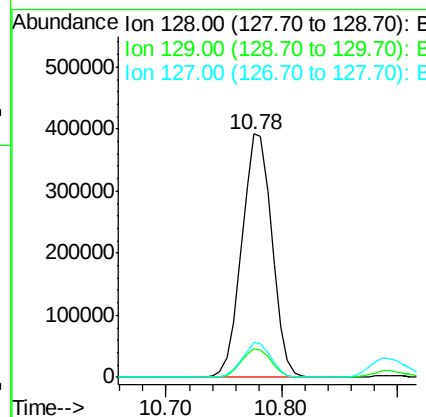
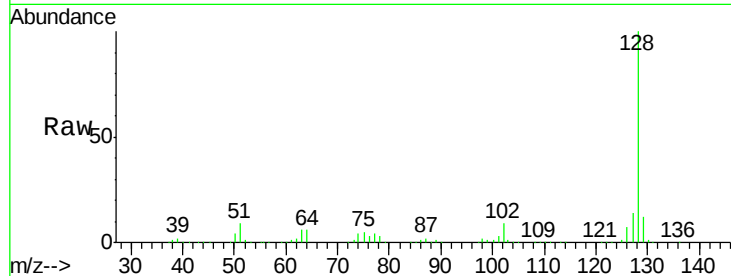




#31
Naphthalene
Concen: 44.169 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

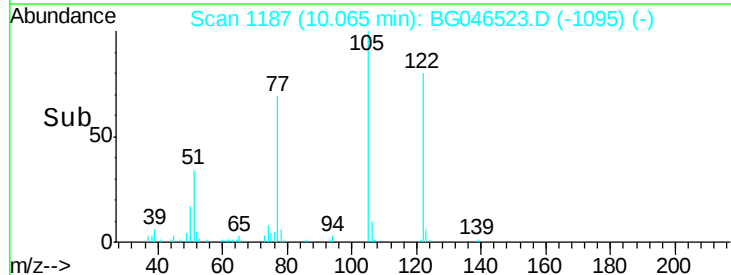
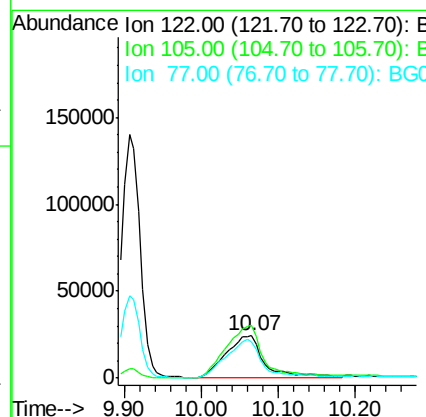
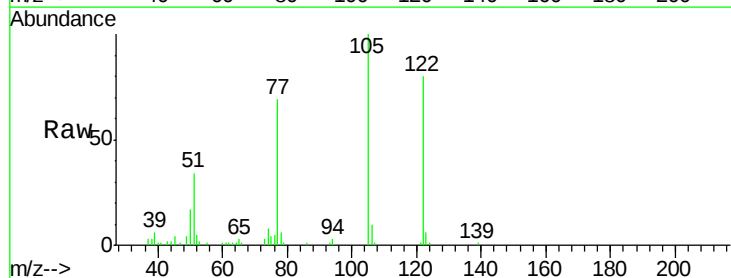
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

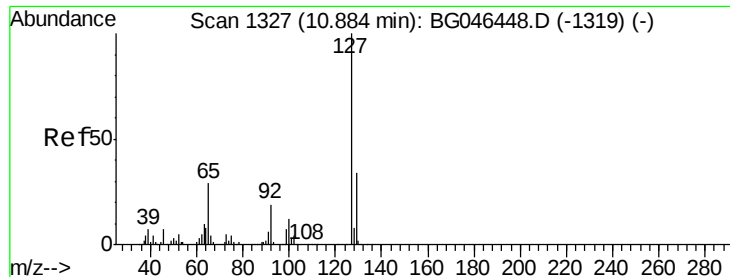
Tot Ion:128 Resp: 709660
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.1 10.7 16.1



#32
Benzoic acid
Concen: 31.531 ng
RT: 10.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:122 Resp: 83220
Ion Ratio Lower Upper
122 100
105 124.6 102.5 142.5
77 86.5 68.2 108.2

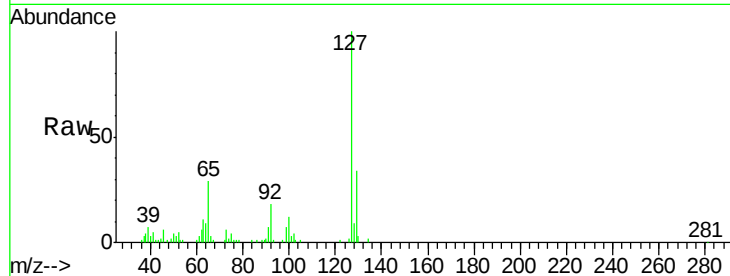




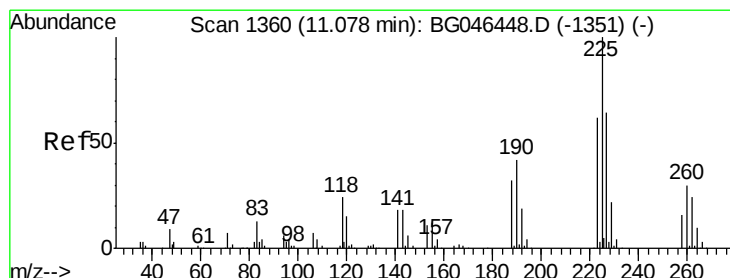
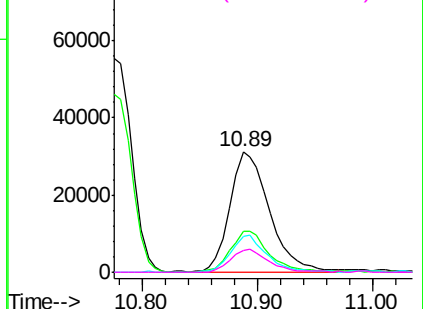
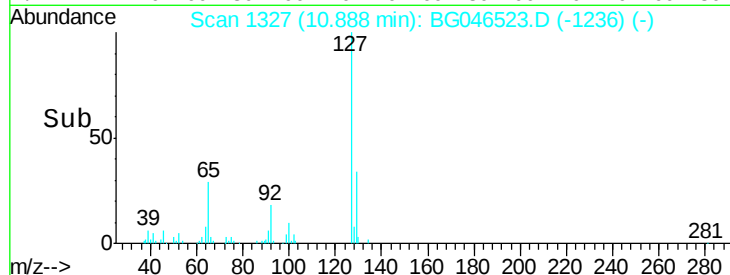
#33
4-Chloroaniline
Concen: 10.512 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion:127	Resp:	74474	
Ion Ratio	Lower	Upper	
127 100			
129 34.3	27.0	40.4	
65 29.5	23.5	35.3	
92 18.0	14.9	22.3	

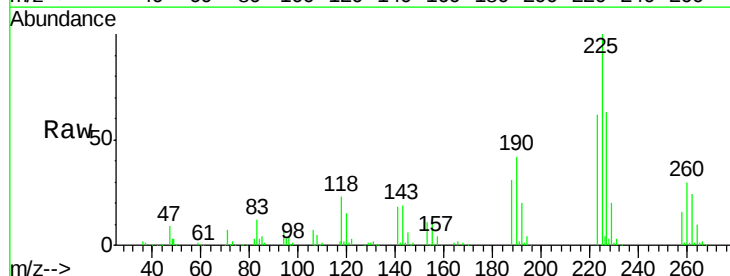


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

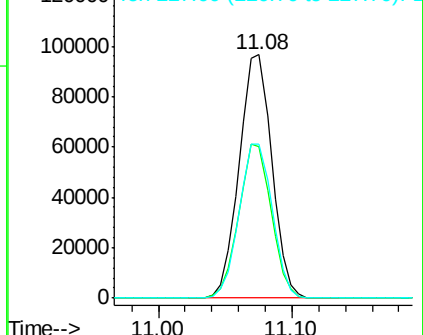
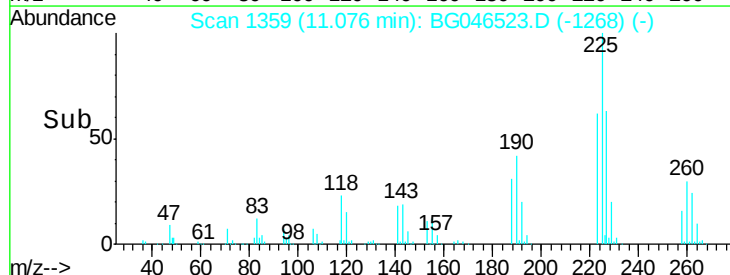


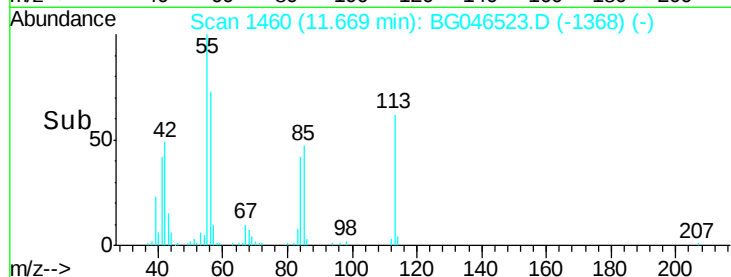
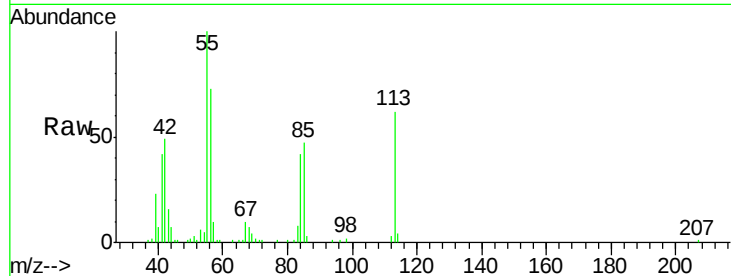
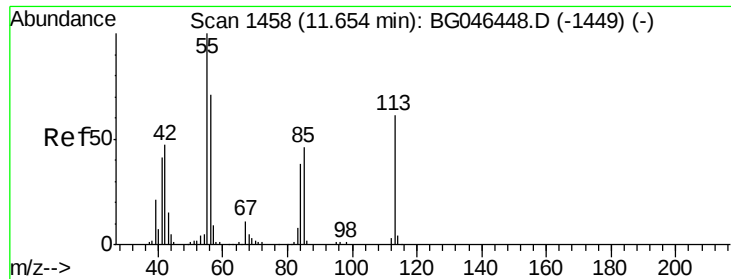
#34
Hexachlorobutadiene
Concen: 38.589 ng
RT: 11.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	225	Resp: Lower	163544 Upper
	Ratio		
225	100		
223	62.3	49.9	74.9
227	63.5	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

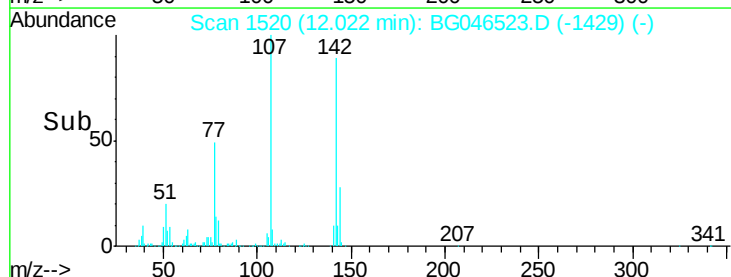
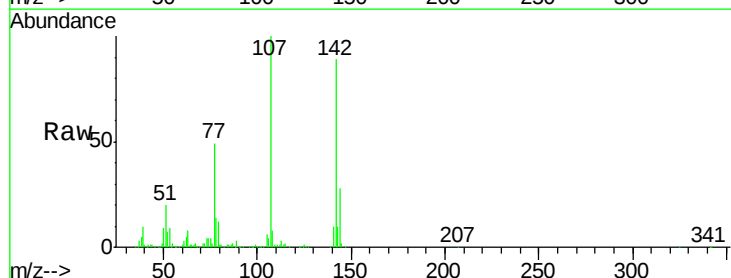
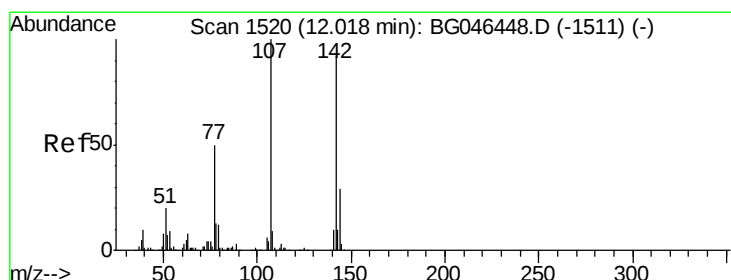
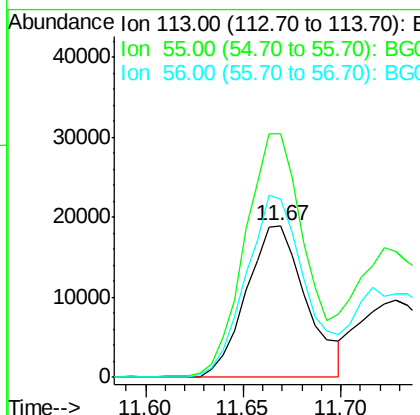




#35
Caprolactam
Concen: 19.570 ng
RT: 11.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

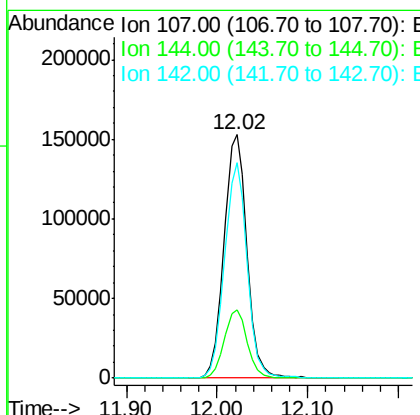
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

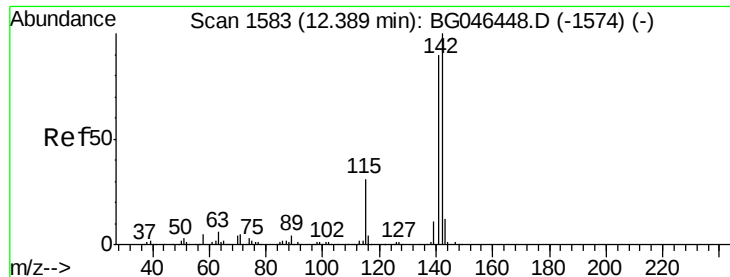
Tot Ion:113 Resp: 40251
Ion Ratio Lower Upper
113 100
55 160.5 144.2 184.2
56 117.8 97.0 137.0



#36
4-Chloro-3-methylphenol
Concen: 49.683 ng
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:107 Resp: 267378
Ion Ratio Lower Upper
107 100
144 28.2 23.3 34.9
142 88.6 73.7 110.5

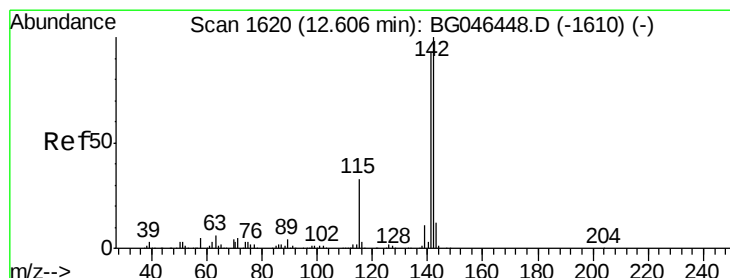
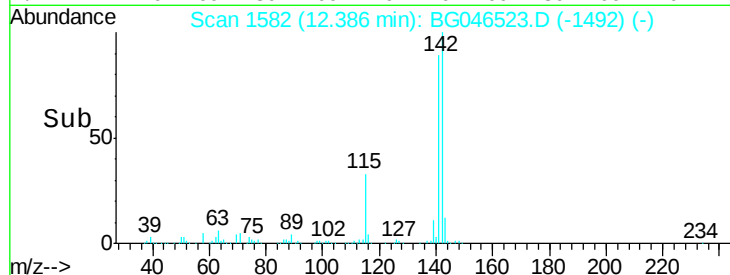
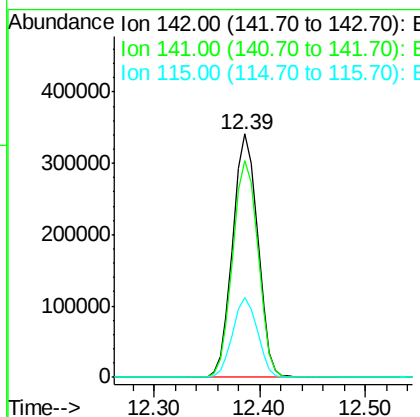
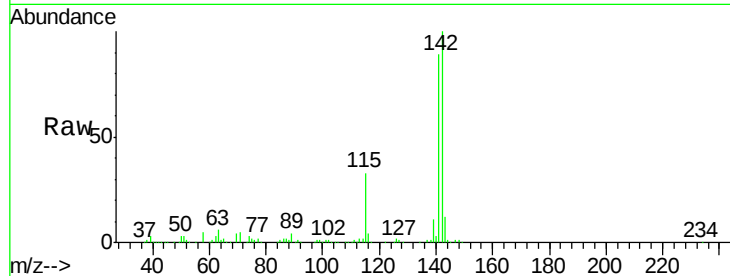




#37
2-Methylnaphthalene
Concen: 44.160 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

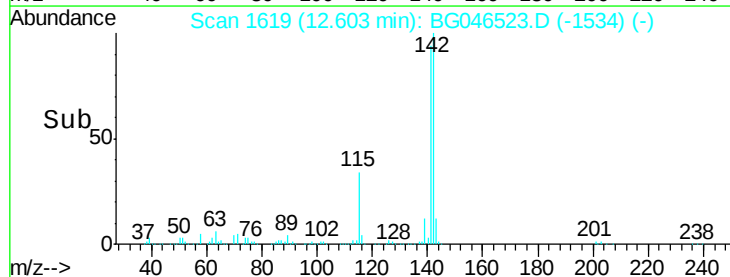
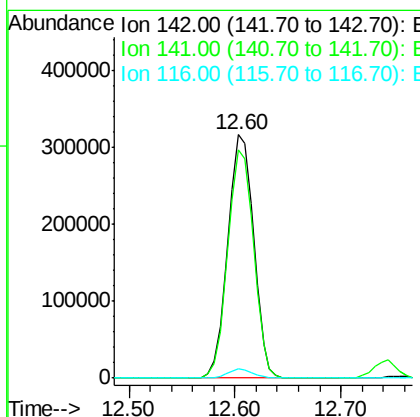
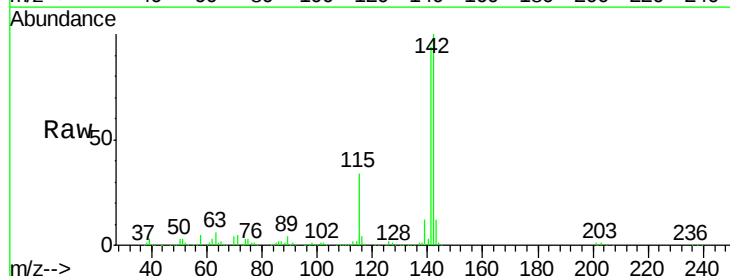
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion:142 Resp: 559579
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1
115 32.8 24.9 37.3



#38
1-Methylnaphthalene
Concen: 44.463 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:142 Resp: 533693
Ion Ratio Lower Upper
142 100
141 93.6 74.7 112.1
116 3.9 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

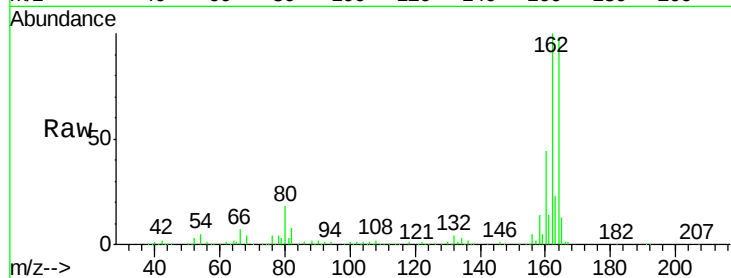
Tot Ion:164 Resp: 219283

Ion Ratio Lower Upper

164 100

162 101.7 83.3 124.9

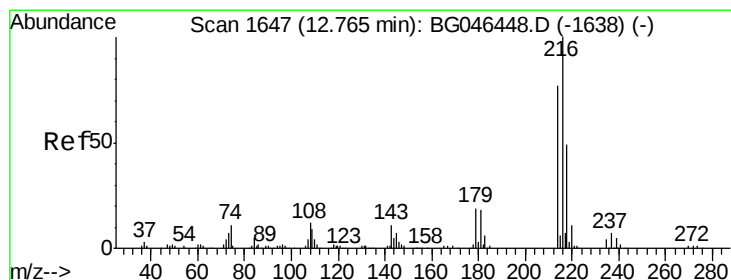
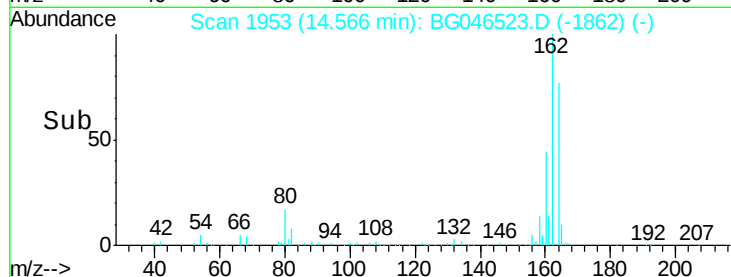
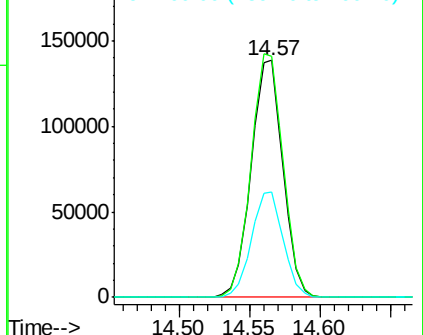
160 44.3 35.0 52.6



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: 46.525 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Tgt Ion:216 Resp: 336430

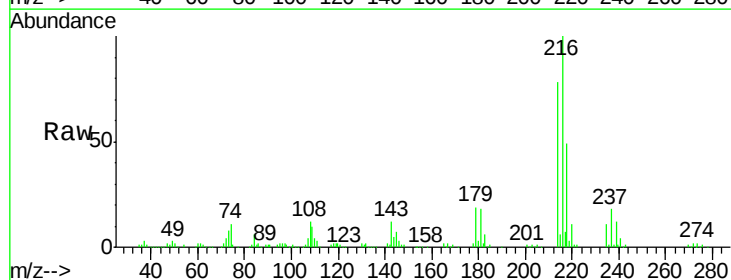
Ion Ratio Lower Upper

216 100

214 77.2 62.1 93.1

179 18.7 14.9 22.3

108 15.1 10.5 15.7

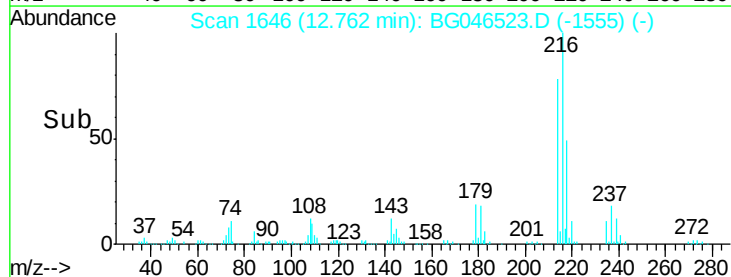
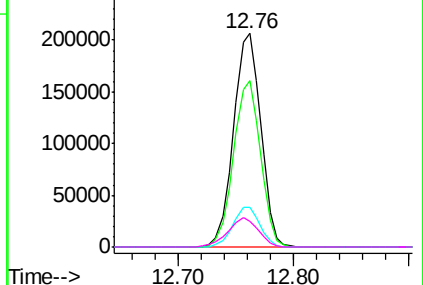


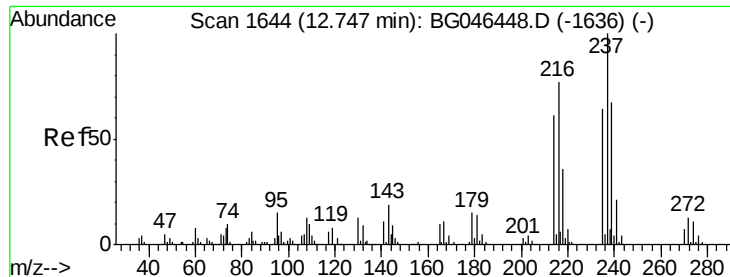
Abundance Ion 216.00 (215.70 to 216.70): E

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: 112.550 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

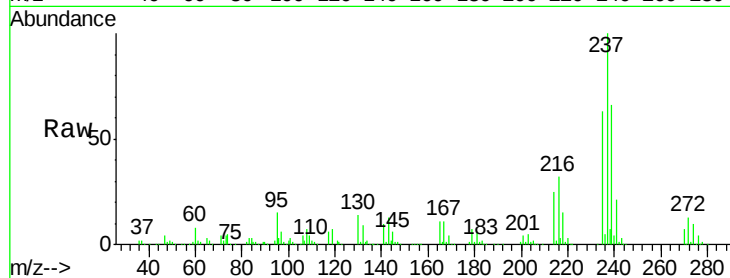
Tot Ion:237 Resp: 353889

Ion Ratio Lower Upper

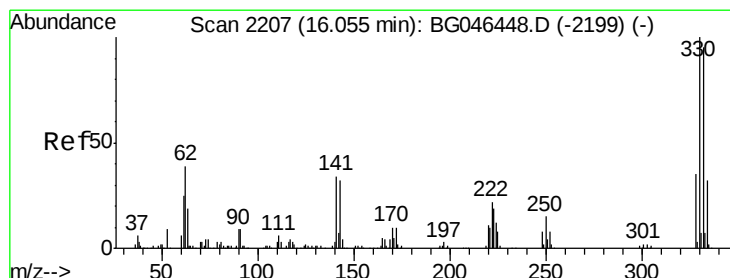
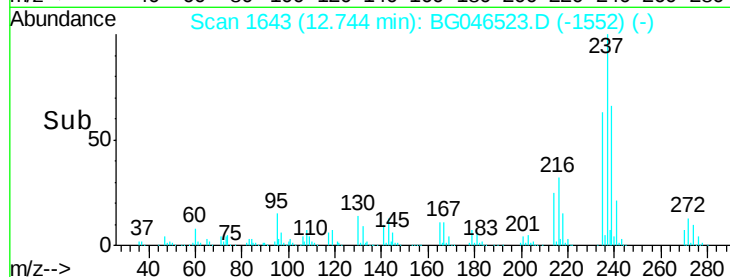
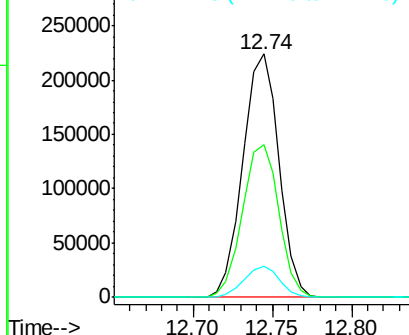
237 100

235 62.5 44.5 84.5

272 12.8 0.0 32.8



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: 112.282 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

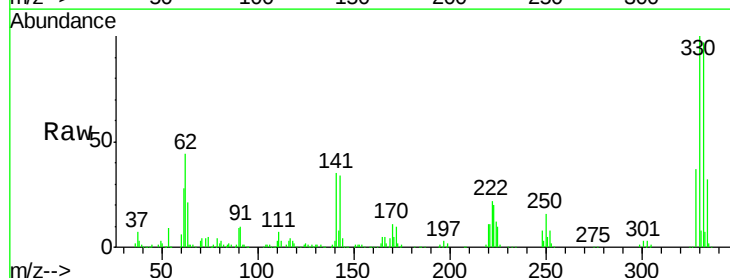
Tgt Ion:330 Resp: 333604

Ion Ratio Lower Upper

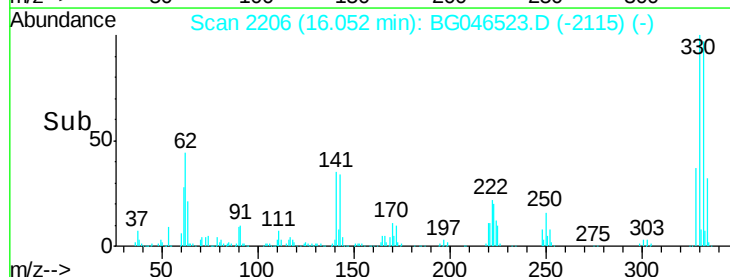
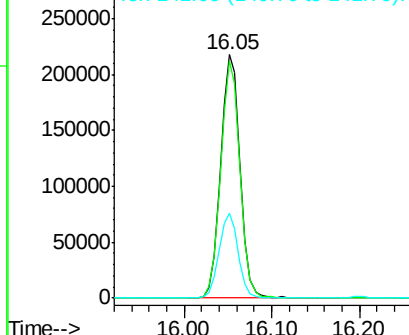
330 100

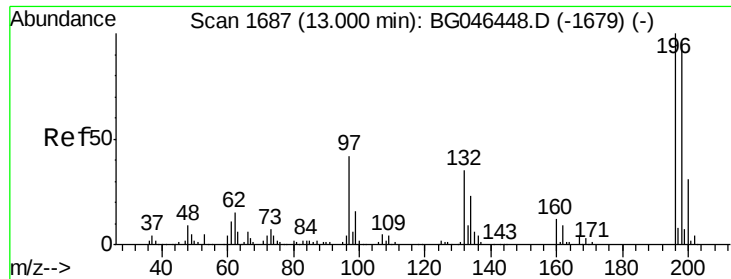
332 97.1 76.1 114.1

141 34.6 26.1 39.1



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

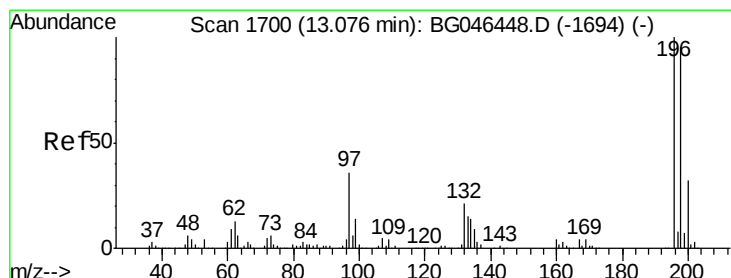
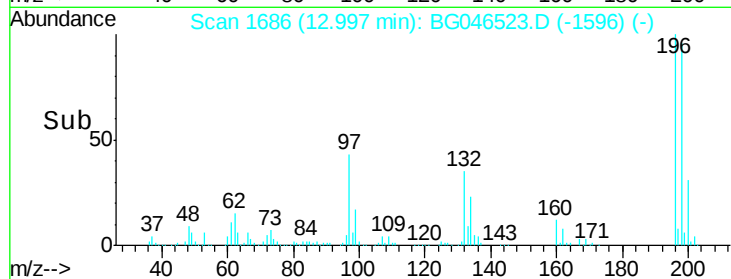
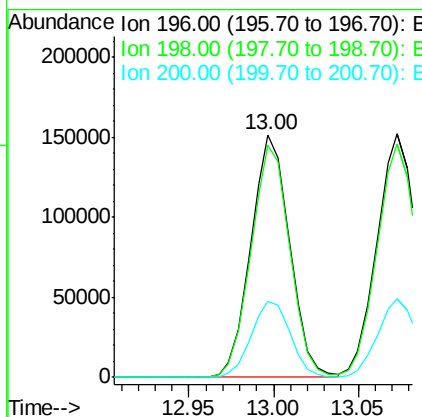
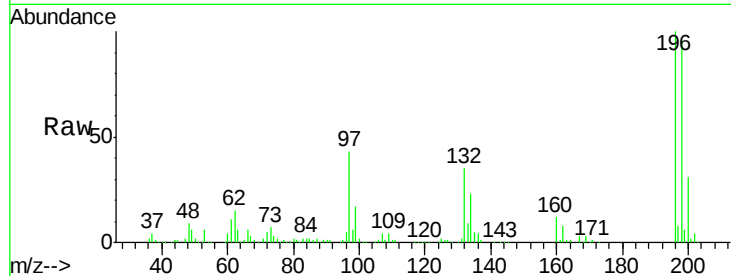




#43
 2,4,6-Trichlorophenol
 Concen: 49.452 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

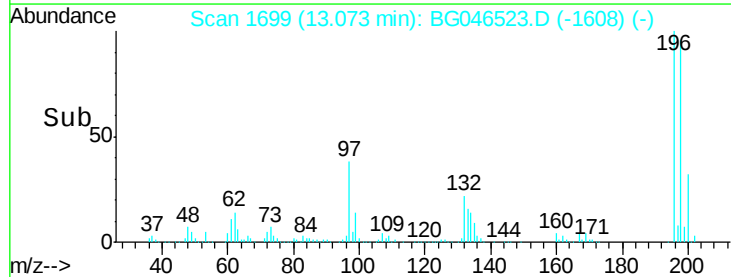
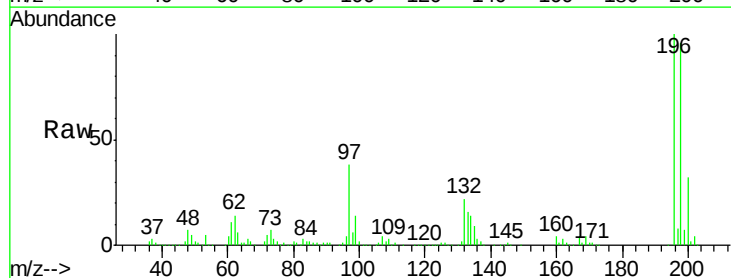
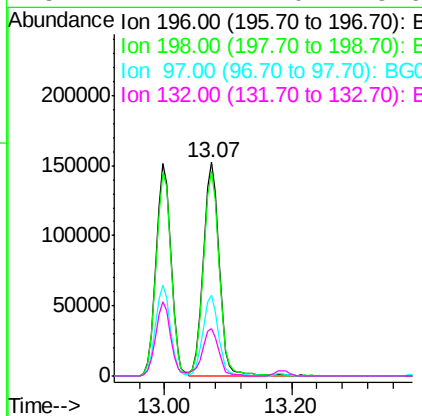
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

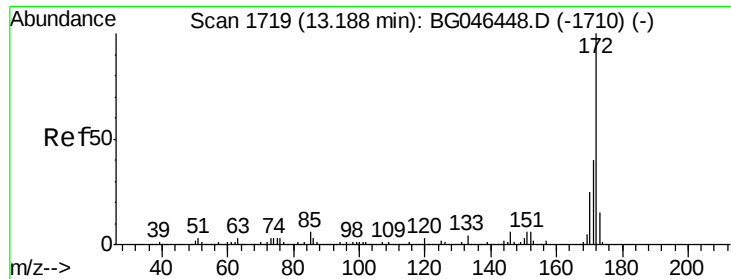
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.0	115.6
200	31.1	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 50.886 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.6	113.4
97	38.0	28.6	43.0
132	22.1	17.0	25.6

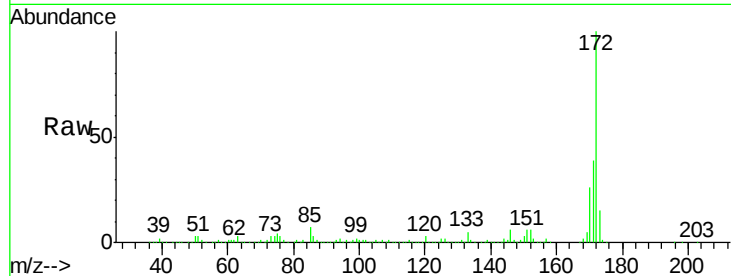




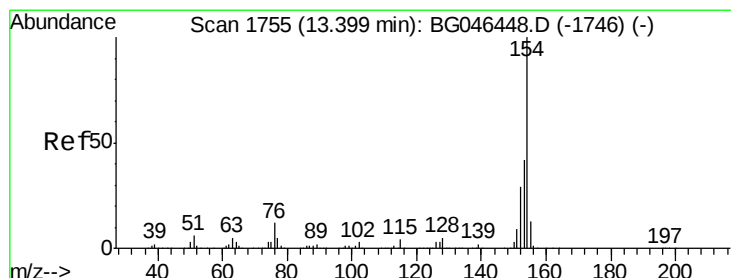
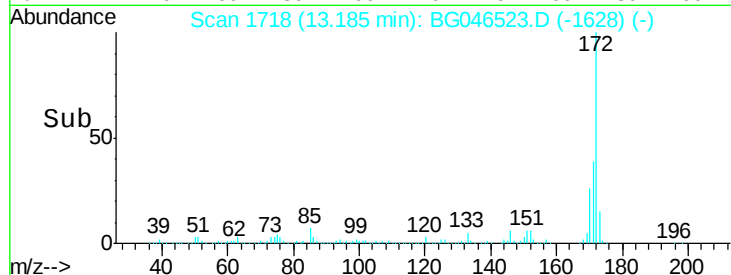
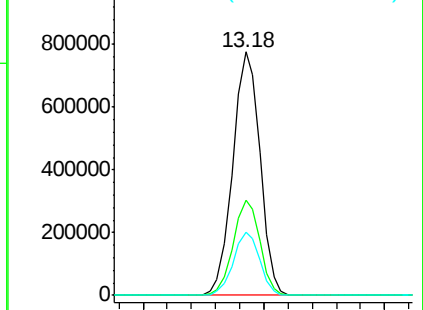
#45
2-Fluorobiphenyl
Concen: 84.802 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion:172 Resp: 1218138
Ion Ratio Lower Upper
172 100
171 39.3 31.8 47.6
170 26.0 20.3 30.5

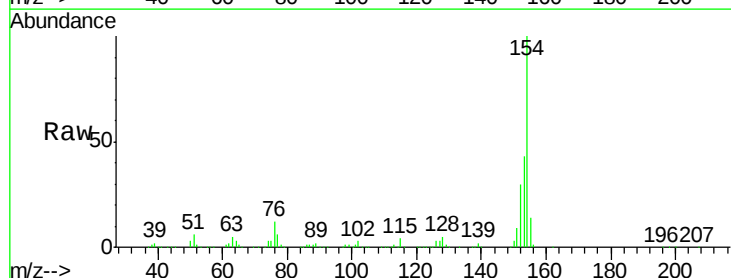


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

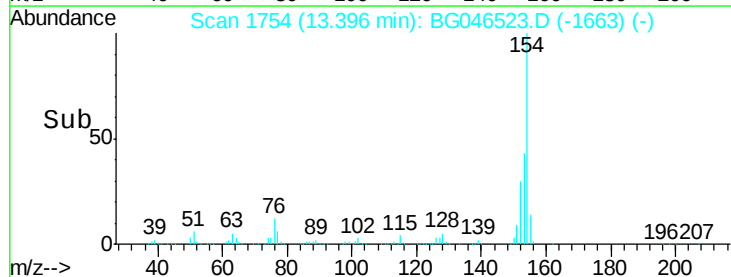
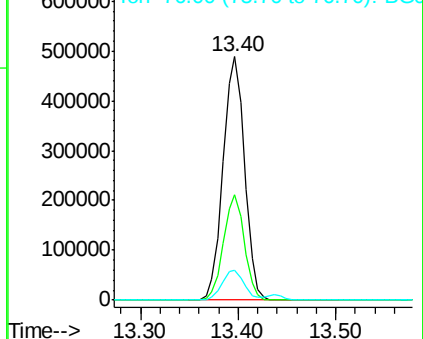


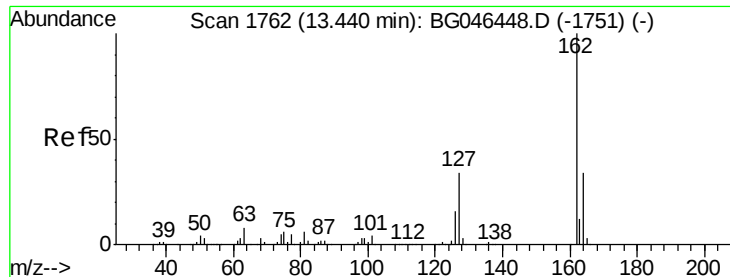
#46
1,1'-Biphenyl
Concen: 48.786 ng
RT: 13.40 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:154 Resp: 744304
Ion Ratio Lower Upper
154 100
153 43.4 22.0 62.0
76 12.5 0.0 32.3



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

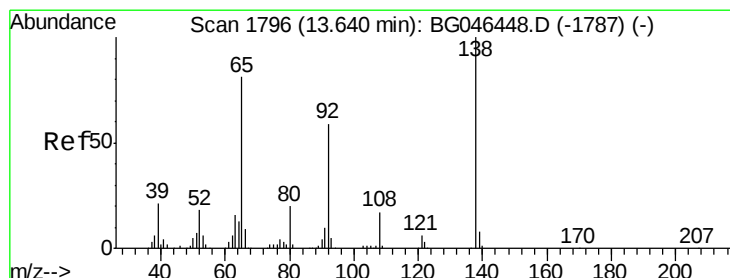
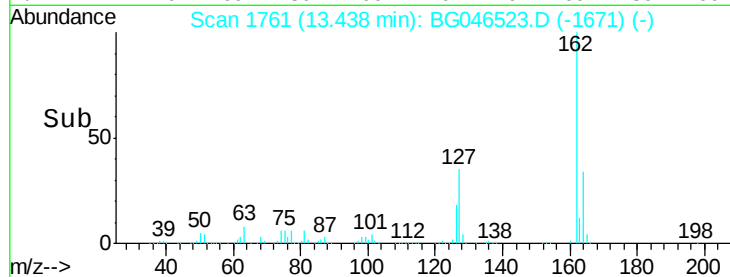
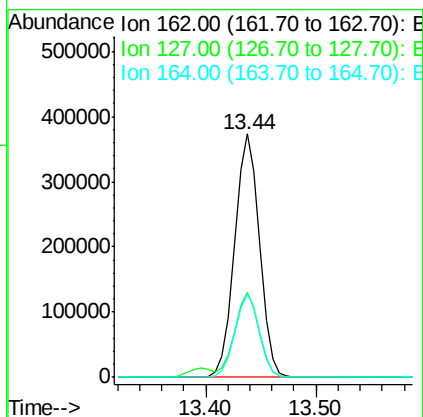
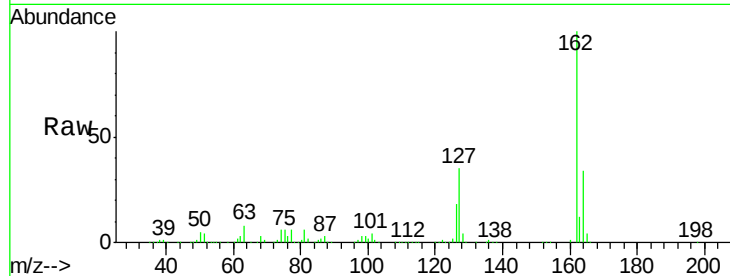




#47
2-Chloronaphthalene
Concen: 45.550 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

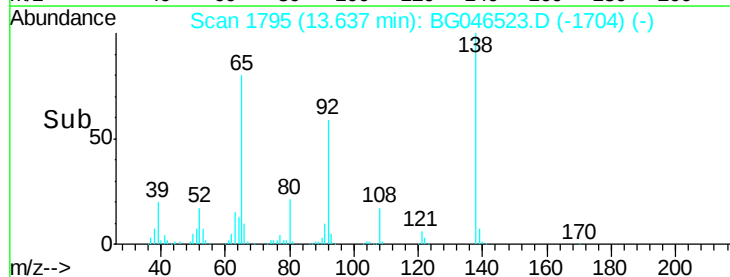
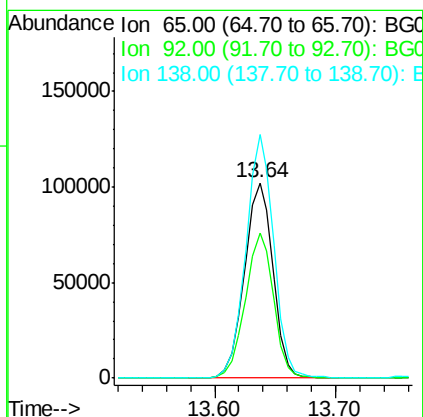
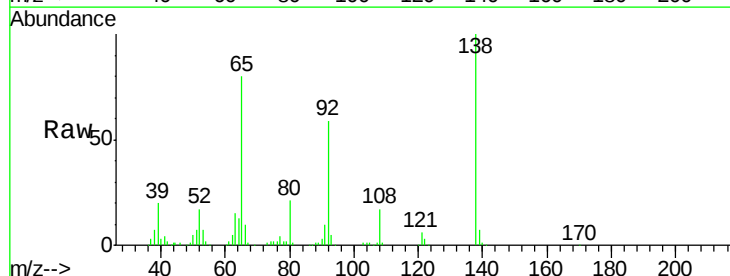
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

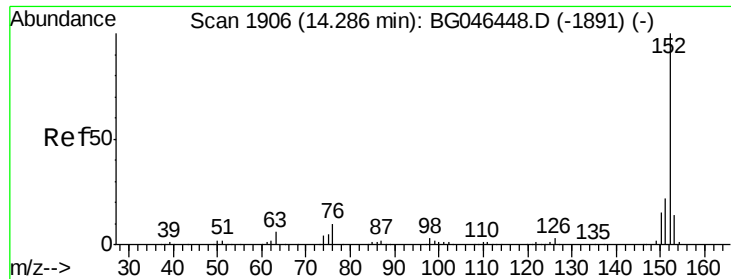
Tot Ion: 162 Resp: 589212
Ion Ratio Lower Upper
162 100
127 35.0 27.6 41.4
164 34.3 27.3 40.9



#48
2-Nitroaniline
Concen: 47.053 ng
RT: 13.64 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion: 65 Resp: 169009
Ion Ratio Lower Upper
65 100
92 74.0 58.5 87.7
138 124.7 98.4 147.6





#49

Acenaphthylene

Concen: 47.502 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

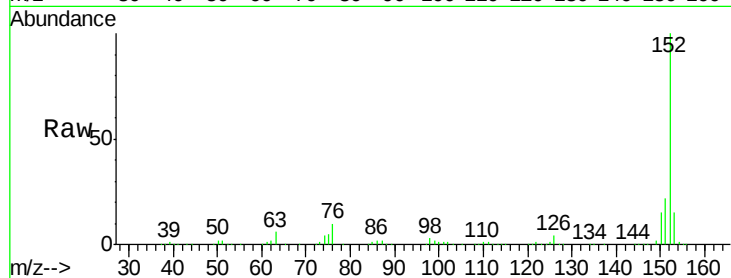
Tot Ion:152 Resp: 932079

Ion Ratio Lower Upper

152 100

151 22.3 17.7 26.5

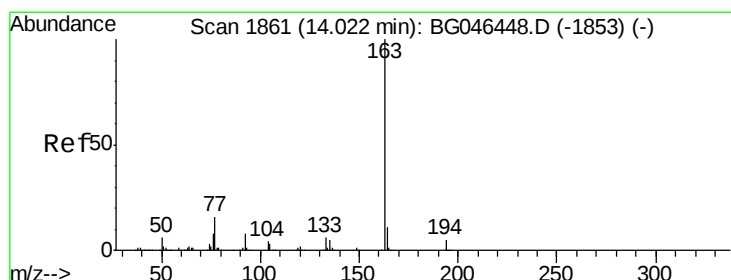
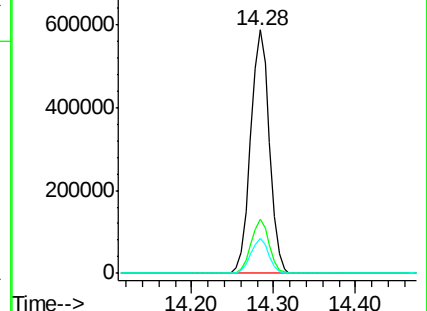
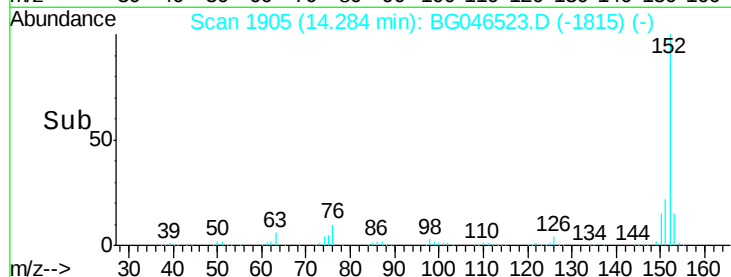
153 14.5 11.2 16.8



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: 46.646 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

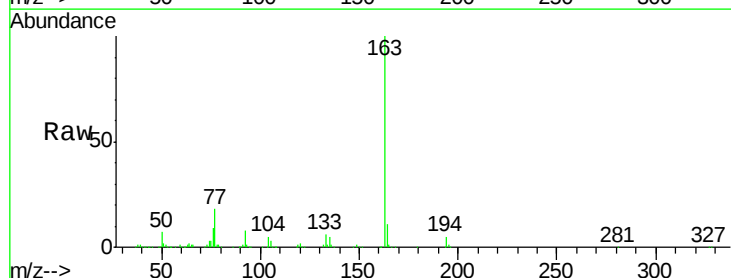
Tgt Ion:163 Resp: 791344

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

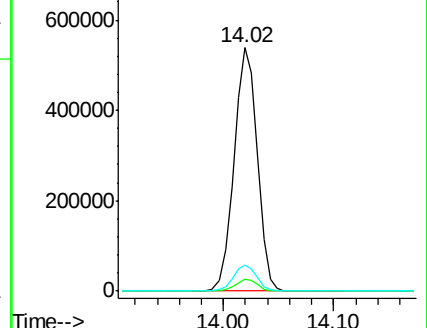
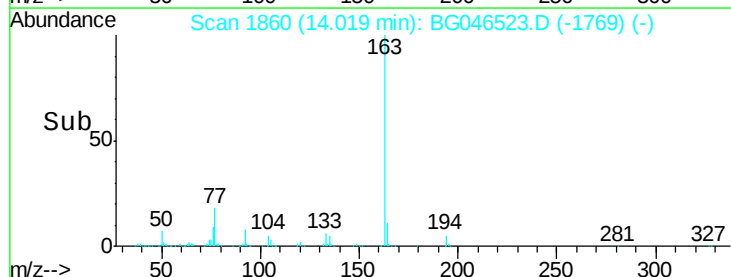
164 10.7 8.6 12.8

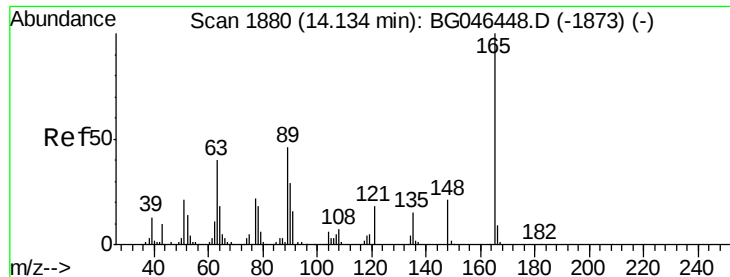


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

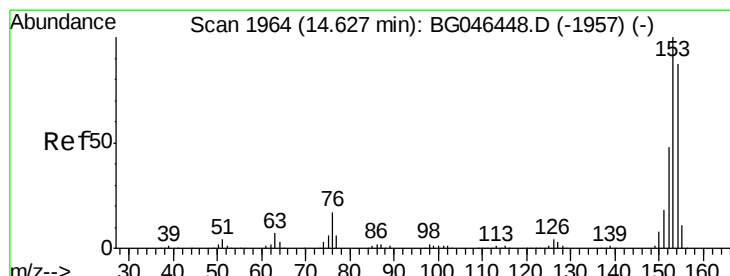
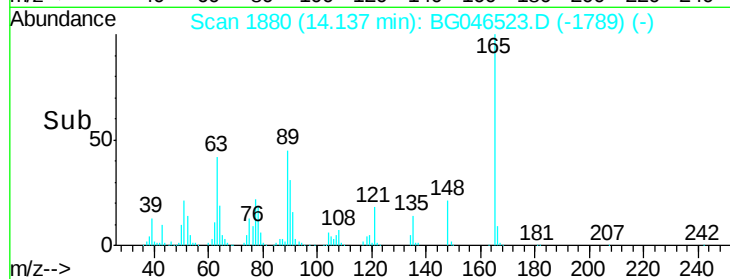
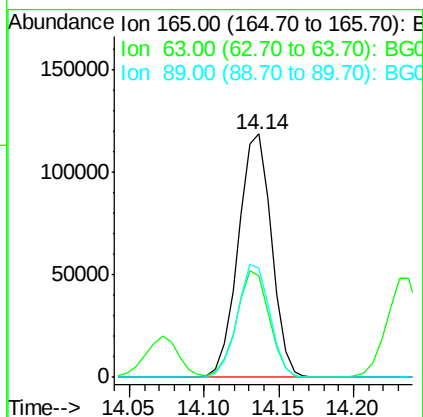
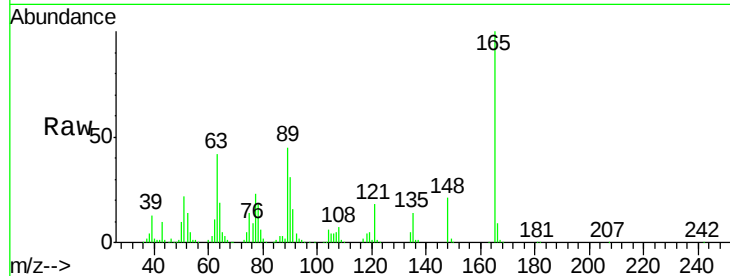




#51
 2,6-Dinitrotoluene
 Concen: 49.014 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

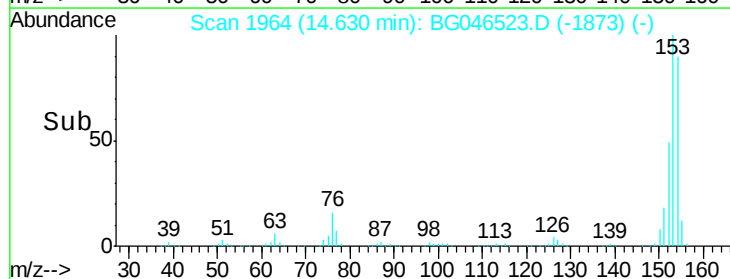
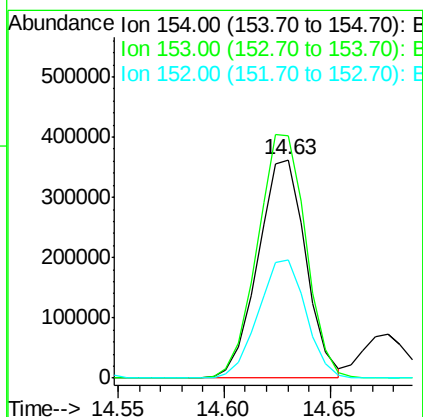
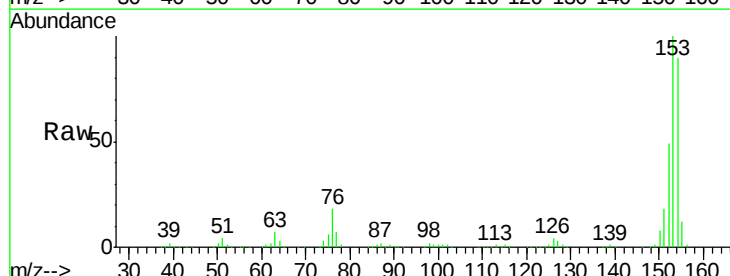
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

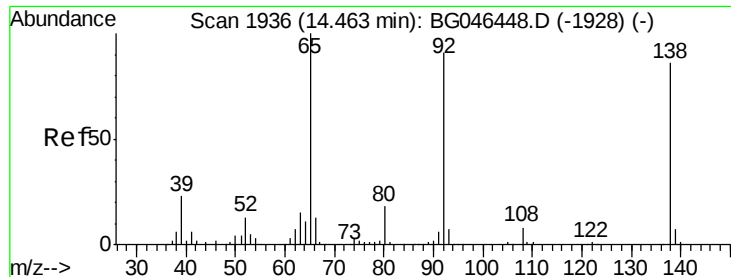
Tot Ion:165 Resp: 183295
 Ion Ratio Lower Upper
 165 100
 63 41.9 34.2 51.4
 89 44.8 37.0 55.4



#52
 Acenaphthene
 Concen: 46.908 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion:154 Resp: 570369
 Ion Ratio Lower Upper
 154 100
 153 111.2 91.9 137.9
 152 54.4 43.8 65.6





#53

3-Nitroaniline

Concen: 28.989 ng

RT: 14.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

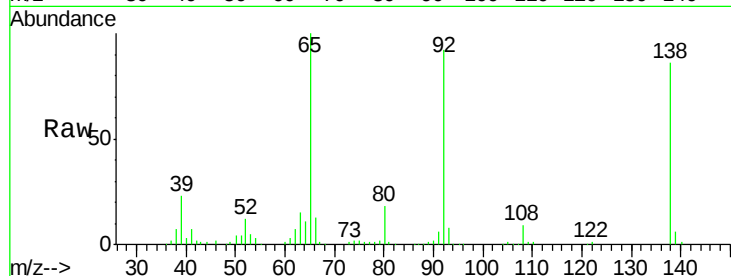
Tot Ion:138 Resp: 117430

Ion Ratio Lower Upper

138 100

108 10.0 7.0 10.6

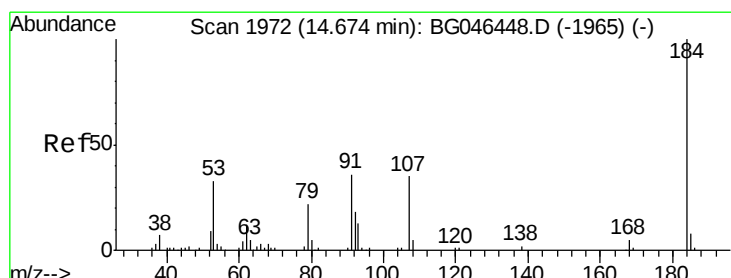
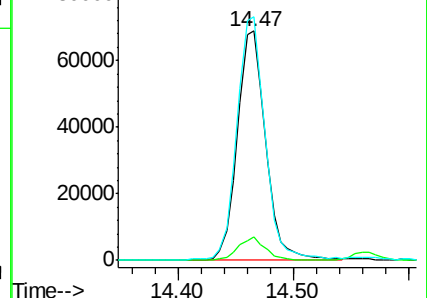
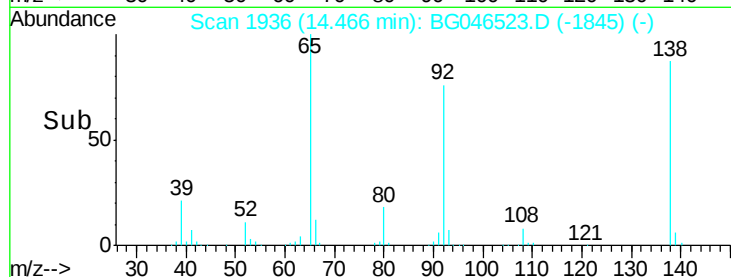
92 106.3 84.6 127.0



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): B



#54

2,4-Dinitrophenol

Concen: 103.240 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

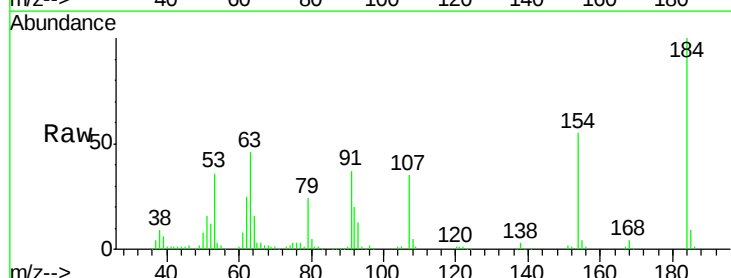
Tgt Ion:184 Resp: 225358

Ion Ratio Lower Upper

184 100

63 45.7 35.6 53.4

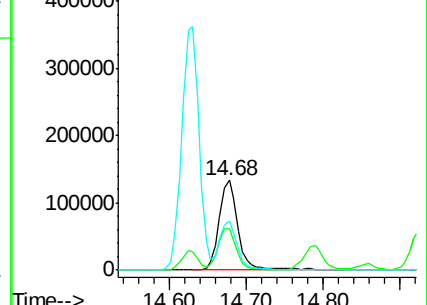
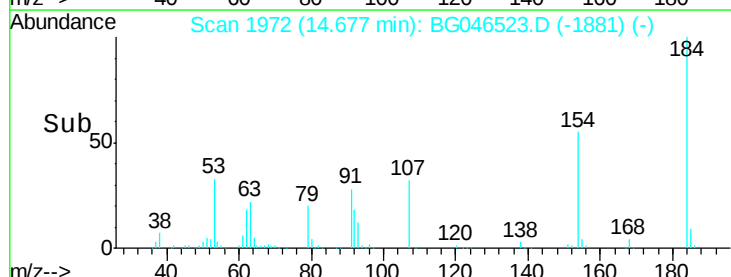
154 54.5 44.3 66.5

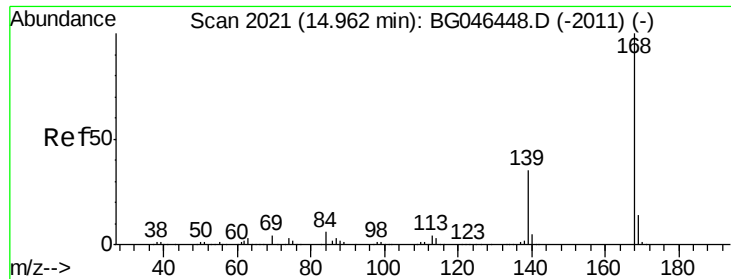


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

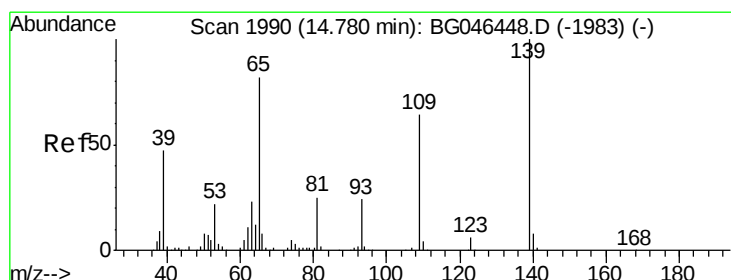
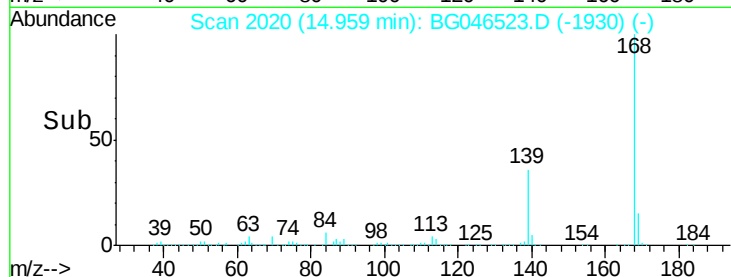
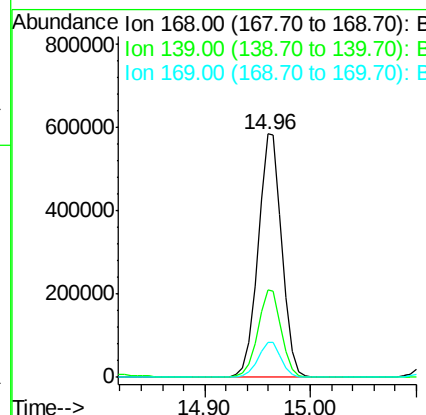
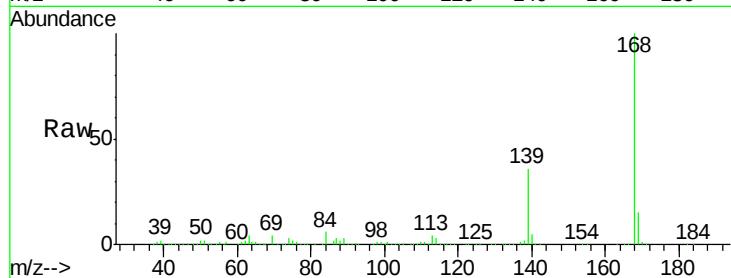




#55
Dibenzenofuran
Concen: 46.885 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

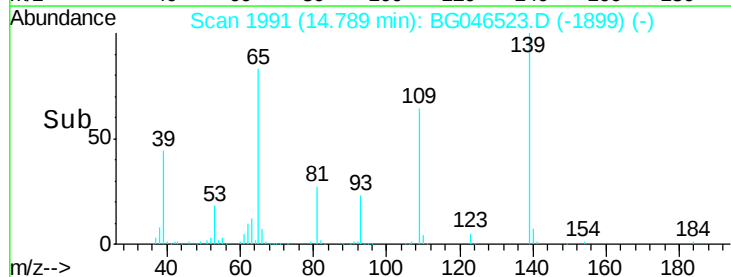
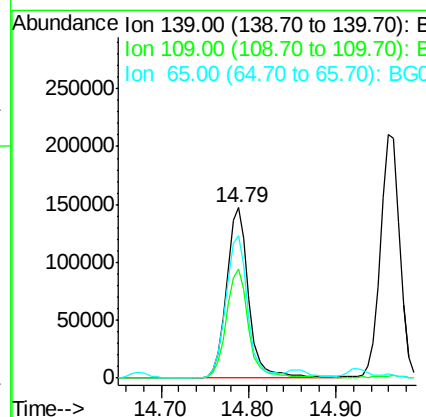
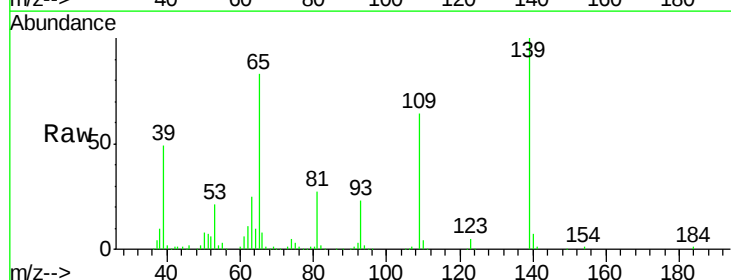
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

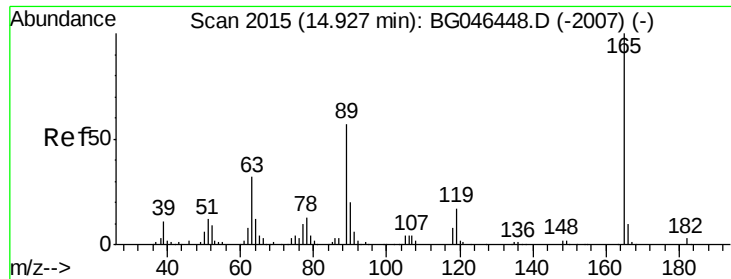
Tot Ion:168 Resp: 914908
Ion Ratio Lower Upper
168 100
139 36.0 28.1 42.1
169 14.5 11.5 17.3



#56
4-Nitrophenol
Concen: 87.356 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:139 Resp: 260427
Ion Ratio Lower Upper
139 100
109 63.9 44.3 84.3
65 83.4 61.5 101.5

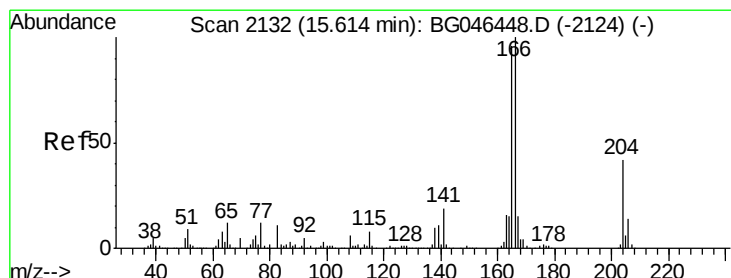
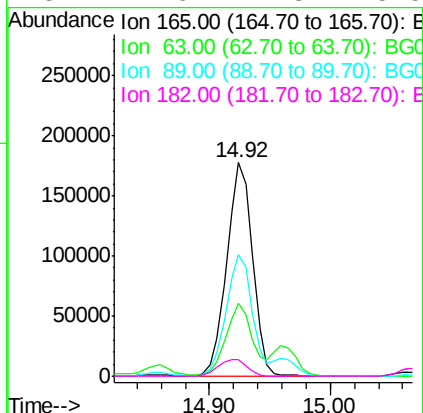
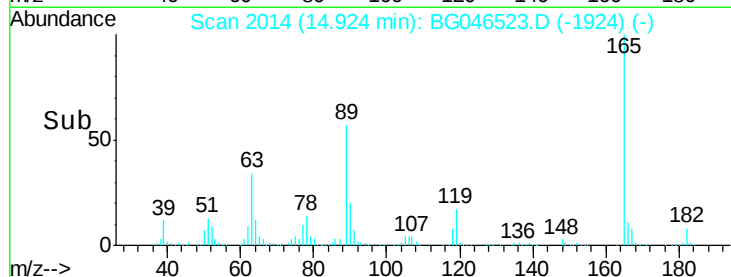
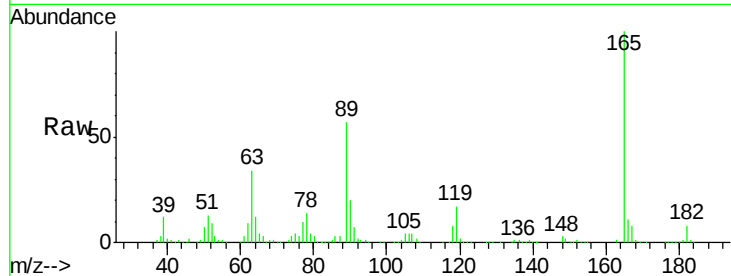




#57
2,4-Dinitrotoluene
Concen: 49.641 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

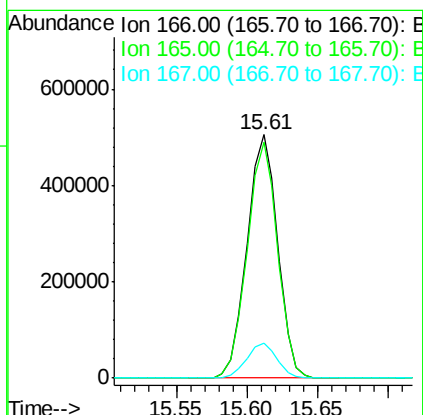
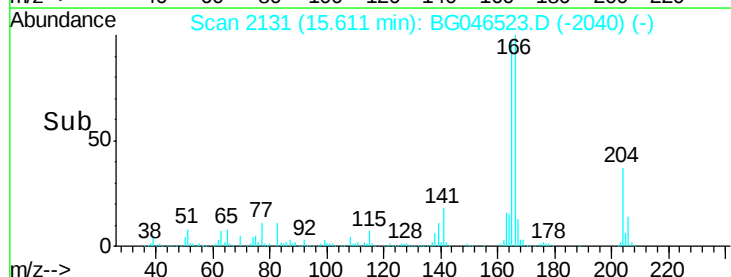
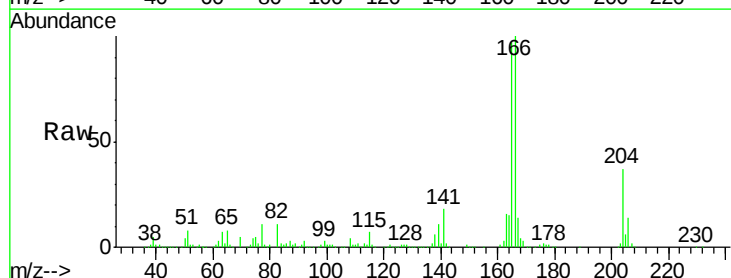
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

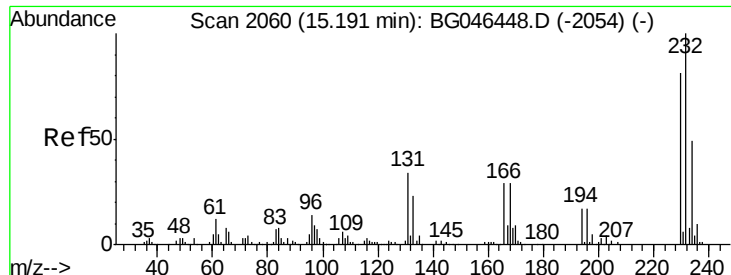
Tot Ion:165	Resp:	264699
Ion Ratio	Lower	Upper
165	100	
63	34.0	25.4 38.0
89	57.2	45.9 68.9
182	7.6	2.3 3.5#



#58
Fluorene
Concen: 46.890 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:166	Resp:	767960
Ion Ratio	Lower	Upper
166	100	
165	96.9	77.0 115.4
167	14.4	11.8 17.6

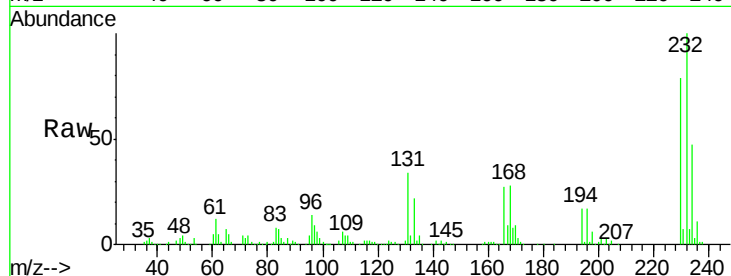




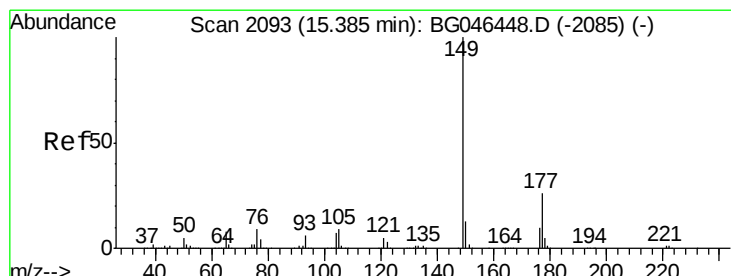
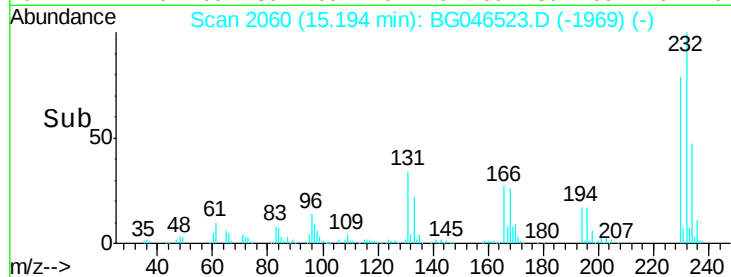
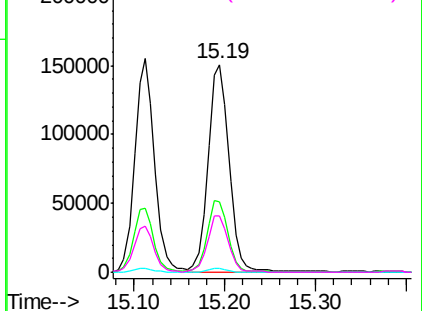
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.807 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion:	232	Resp:	242997
Ion	Ratio	Lower	Upper
232	100		
131	34.0	26.8	40.2
130	1.8	1.4	2.2
166	26.7	22.8	34.2

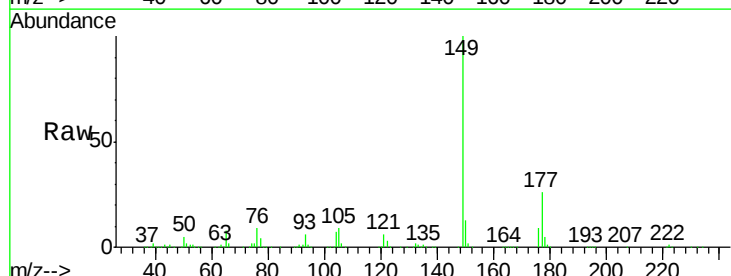


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

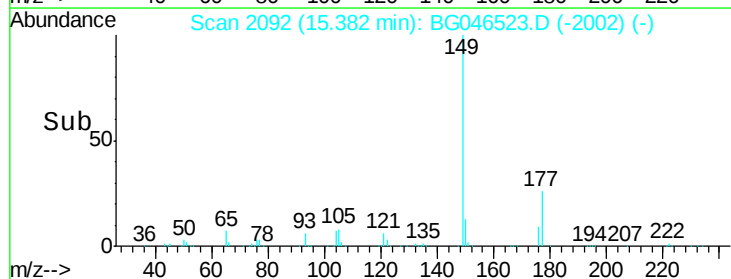
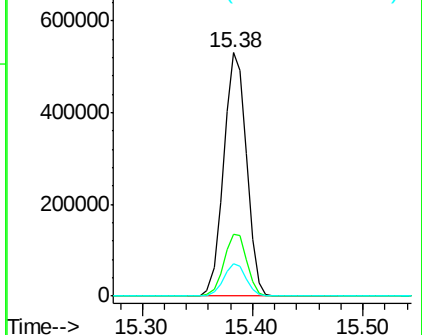


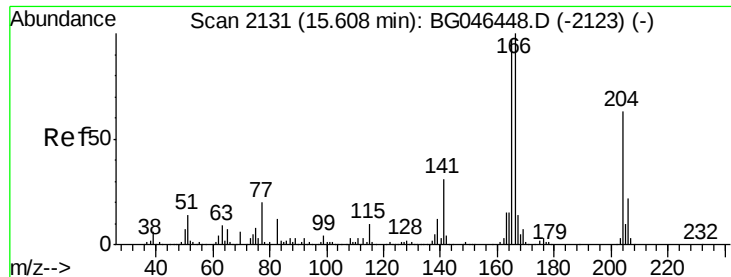
#60
 Diethylphthalate
 Concen: 46.418 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion:	149	Resp:	767782
Ion	Ratio	Lower	Upper
149	100		
177	25.5	20.6	30.8
150	13.1	10.3	15.5



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

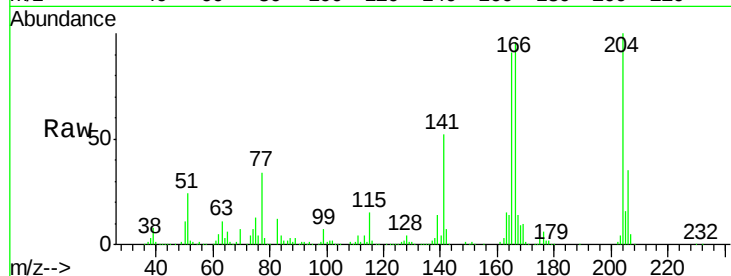




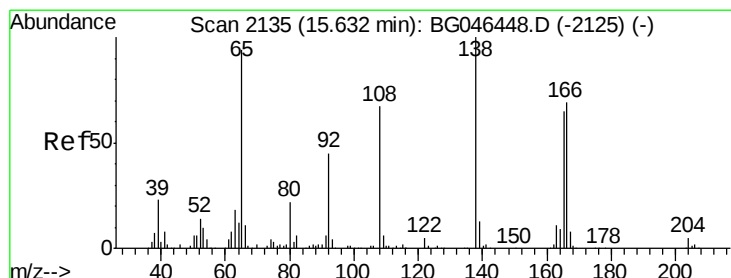
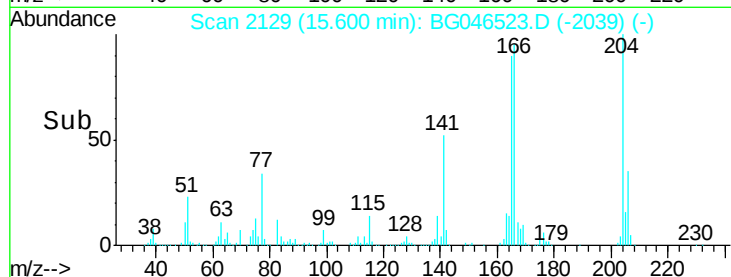
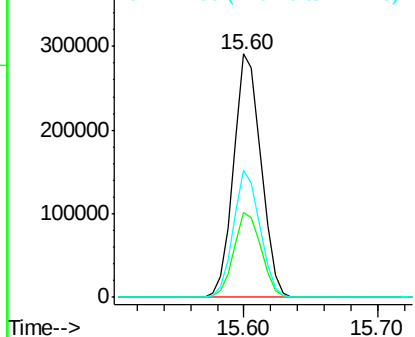
#61
4-Chlorophenyl-phenylether
Concen: 46.041 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion:204 Resp: 415291
Ion Ratio Lower Upper
204 100
206 34.9 27.7 41.5
141 52.0 38.7 58.1

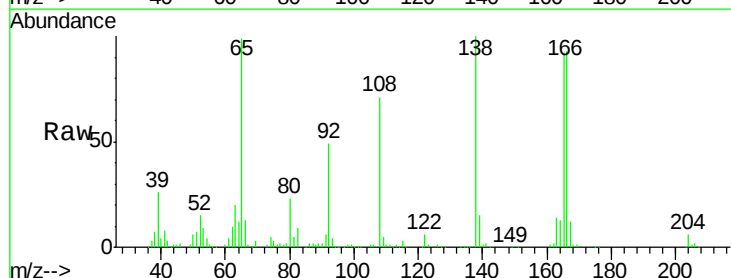


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

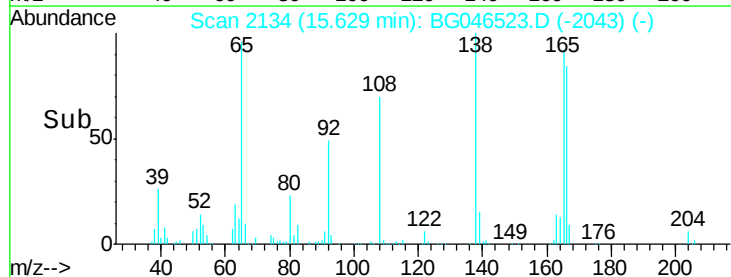
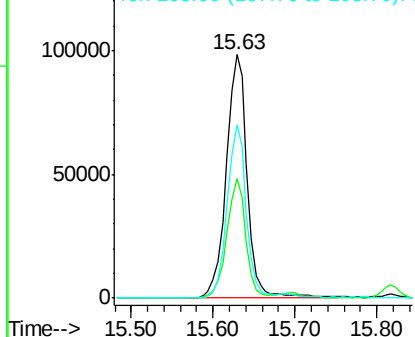


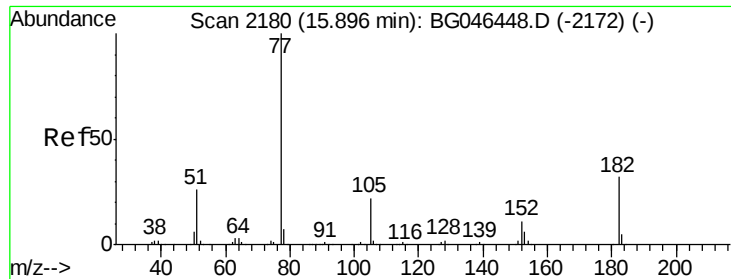
#62
4-Nitroaniline
Concen: 41.121 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:138 Resp: 175761
Ion Ratio Lower Upper
138 100
92 49.0 25.3 65.3
108 71.1 46.7 86.7



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

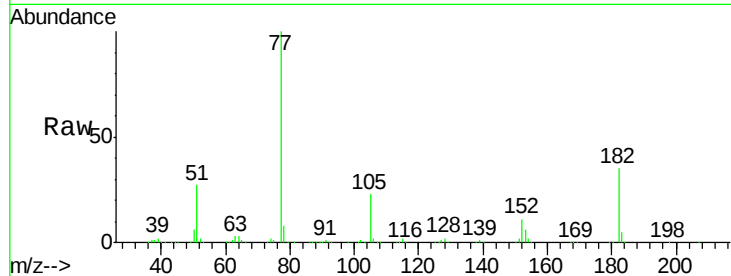




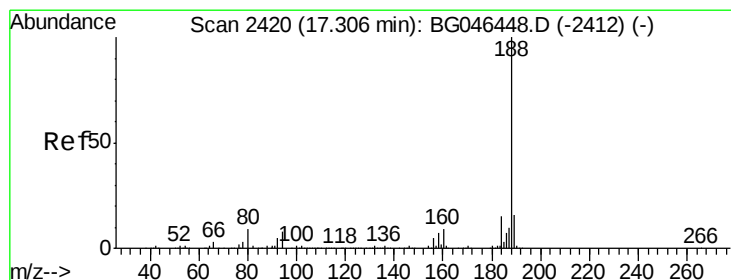
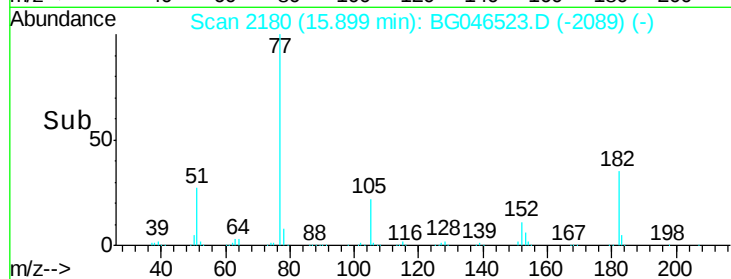
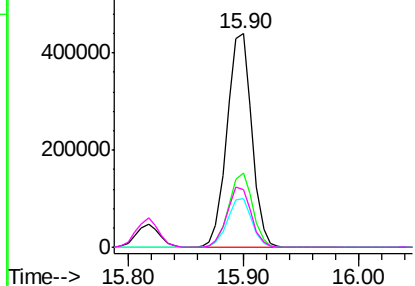
#63
Azobenzene
Concen: 48.470 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion:	77	Resp:	652157
Ion	Ratio	Lower	Upper
77	100		
182	34.5	12.3	52.3
105	23.0	2.3	42.3
51	27.2	6.5	46.5

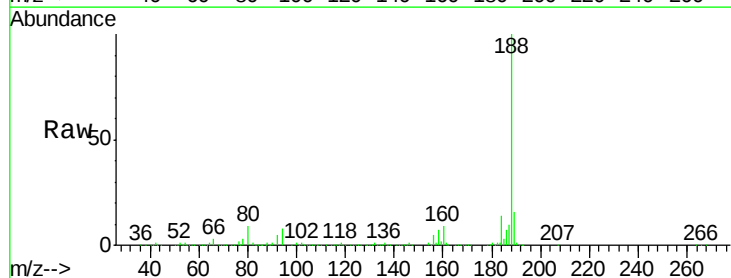


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

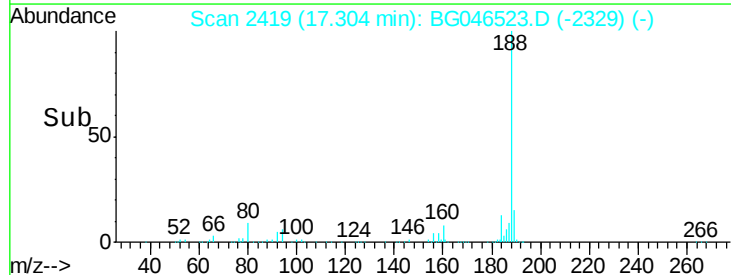
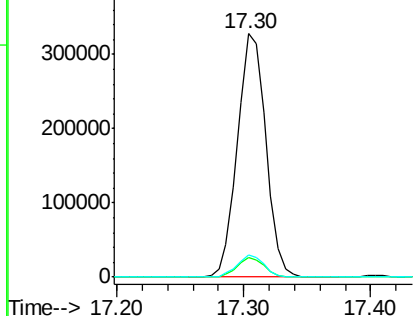


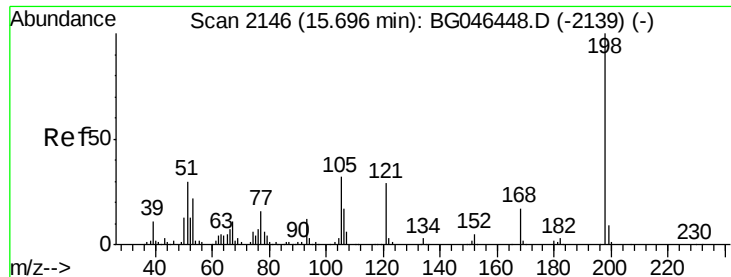
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:	188	Resp:	507474
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.3	9.5
80	9.0	6.9	10.3



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 56.958 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

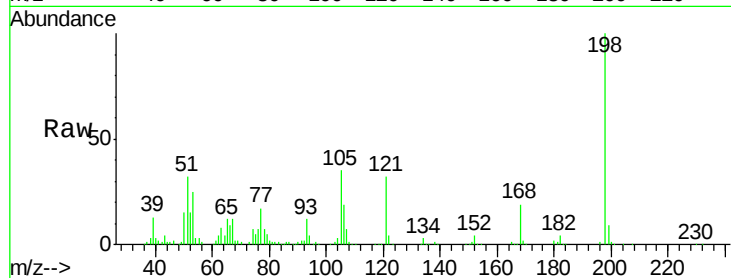
Tot Ion:198 Resp: 163603

Ion	Ratio	Lower	Upper
198	100		
51	32.2	10.4	50.4
105	35.3	12.4	52.4

198 100

51 32.2 10.4 50.4

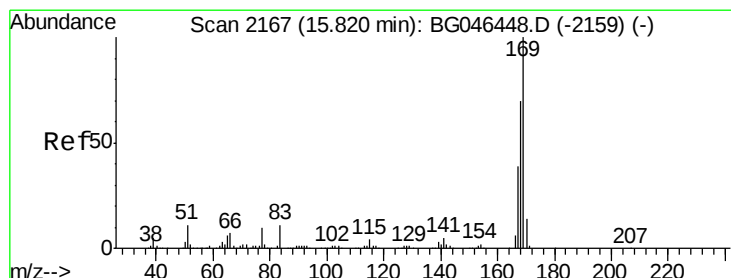
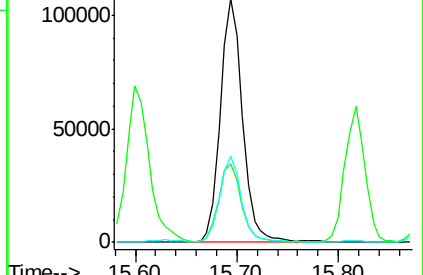
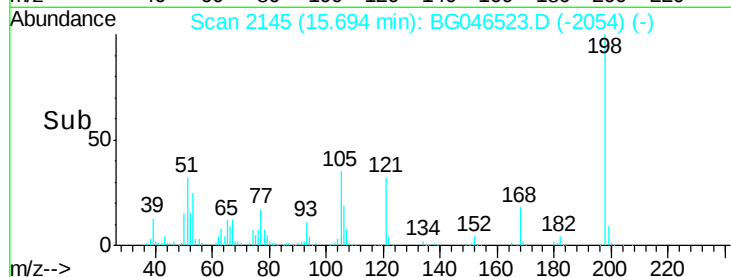
105 35.3 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.403 ng

RT: 15.82 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

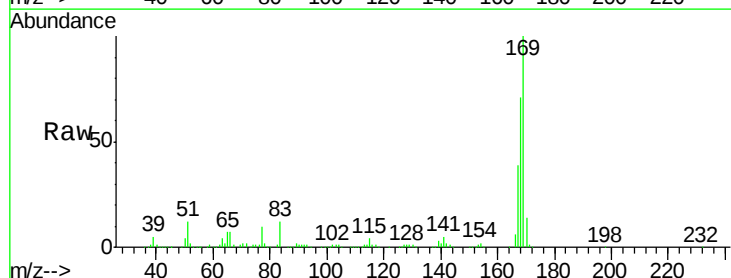
Tgt Ion:169 Resp: 690044

Ion	Ratio	Lower	Upper
169	100		
168	70.7	55.8	83.8
167	38.7	31.0	46.6

169 100

168 70.7 55.8 83.8

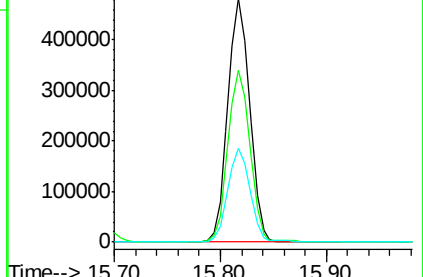
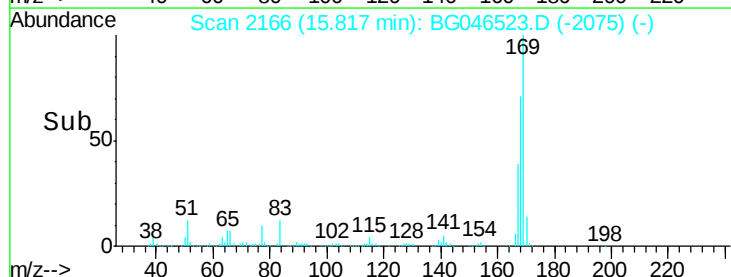
167 38.7 31.0 46.6

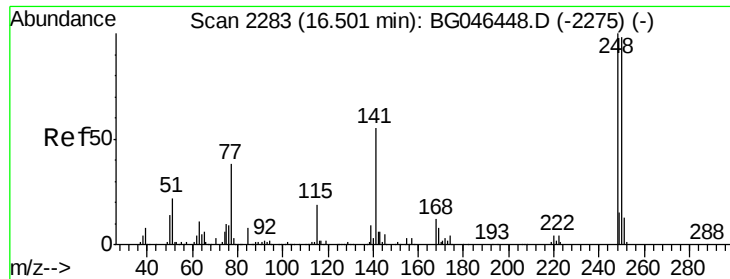


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

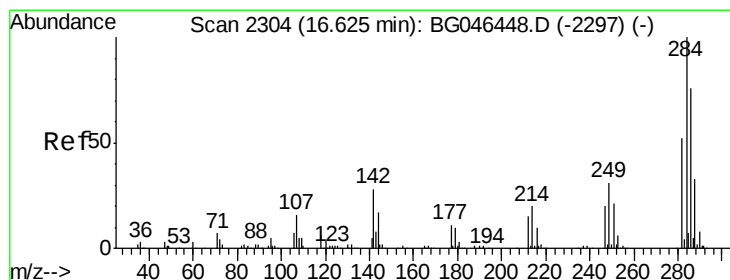
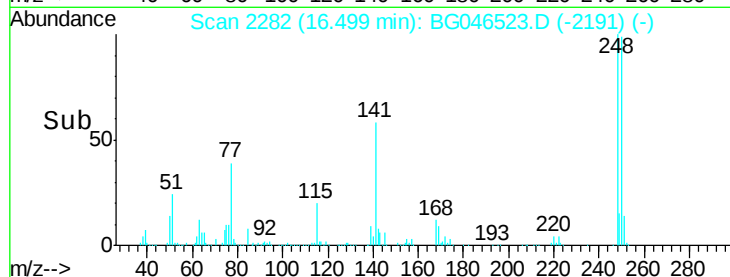
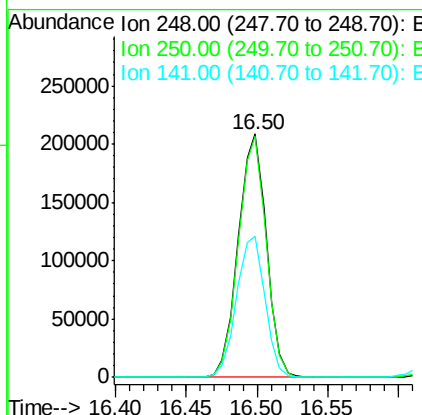
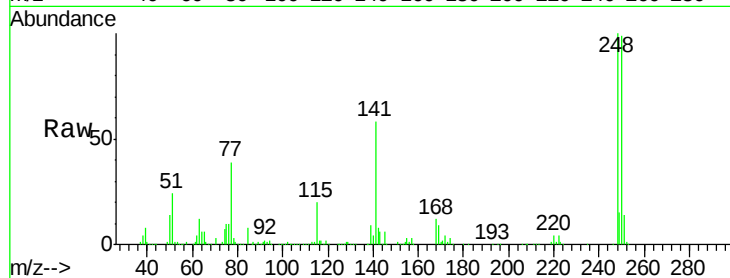




#67
4-Bromophenyl-phenylether
Concen: 49.019 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

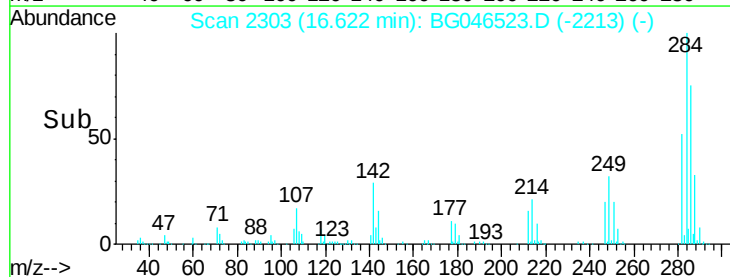
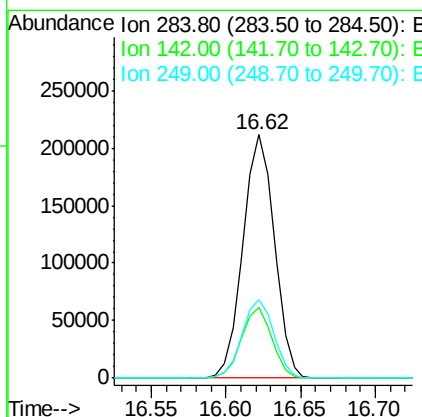
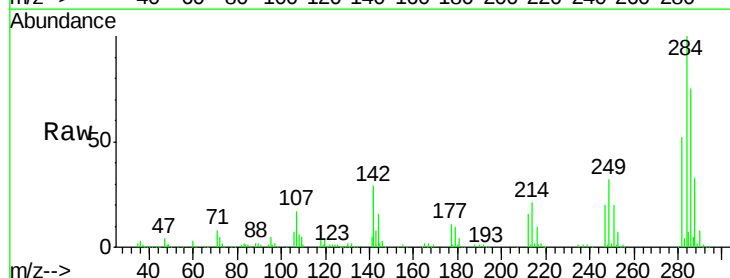
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

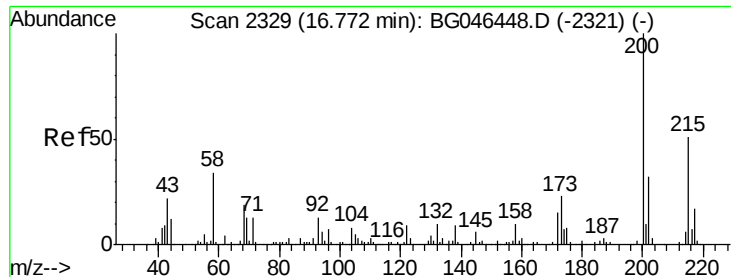
Tot Ion:248 Resp: 290223
Ion Ratio Lower Upper
248 100
250 99.1 78.6 118.0
141 58.2 43.9 65.9



#68
Hexachlorobenzene
Concen: 47.085 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:284 Resp: 308735
Ion Ratio Lower Upper
284 100
142 28.9 22.3 33.5
249 32.4 24.8 37.2





#69

Atrazine

Concen: 37.498 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

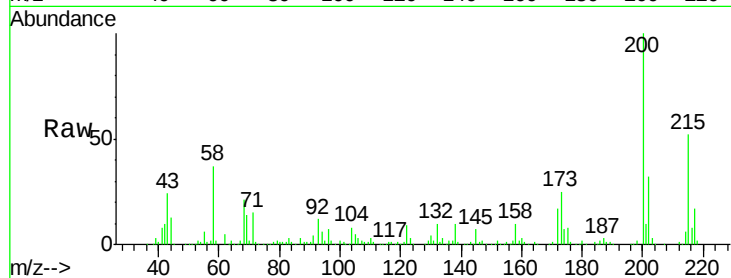
Tot Ion:200 Resp: 209431

Ion Ratio Lower Upper

200 100

173 25.0 3.3 43.3

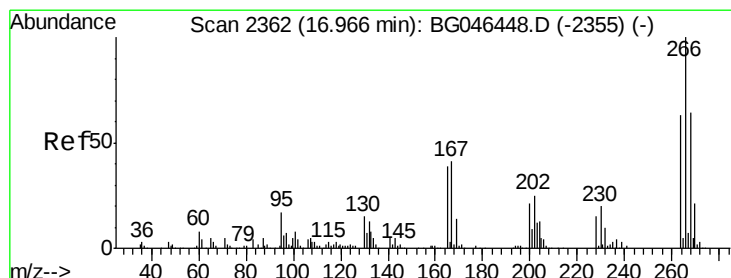
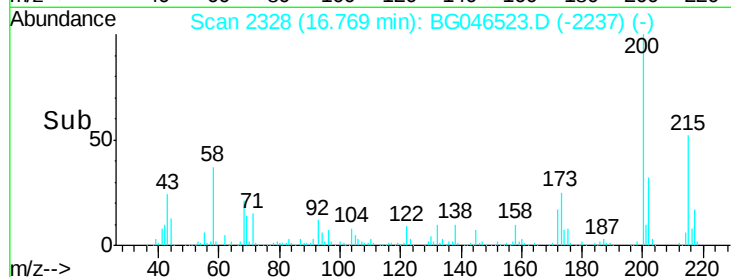
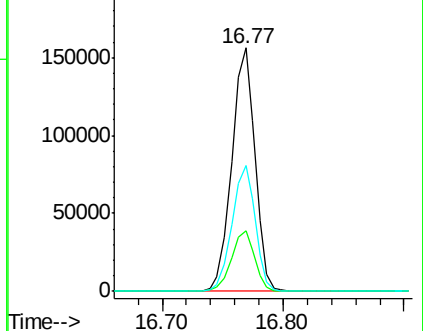
215 51.9 30.9 70.9



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: 104.370 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

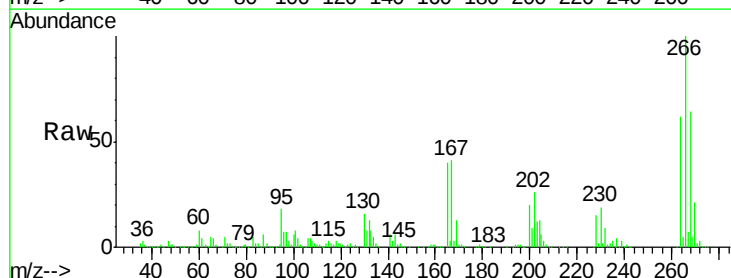
Tgt Ion:266 Resp: 357558

Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

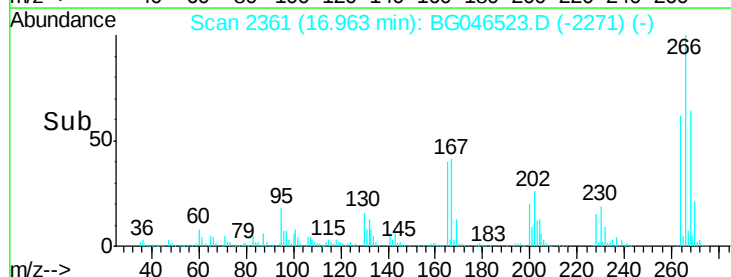
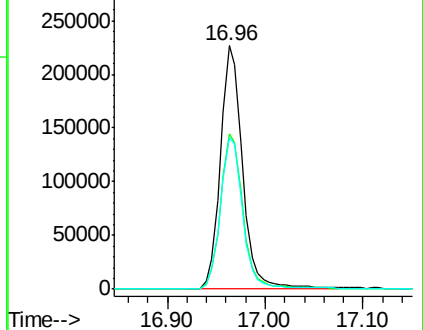
264 62.5 50.2 75.2

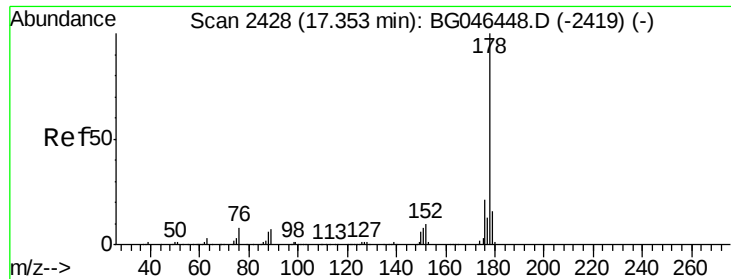


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

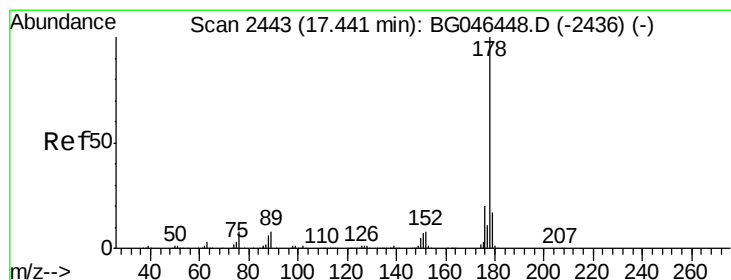
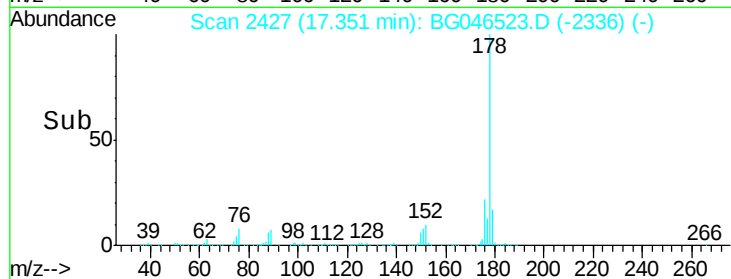
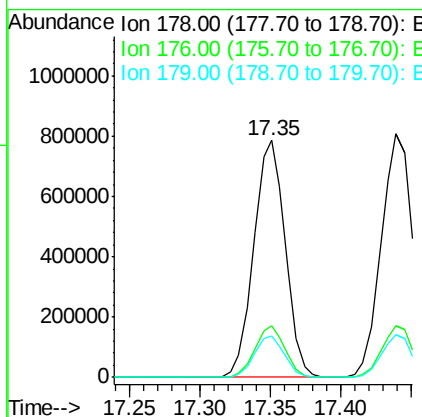
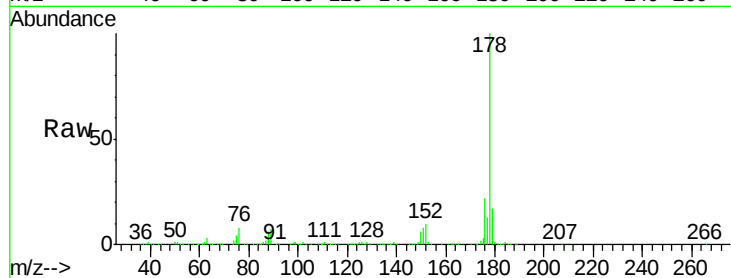




#71
Phenanthrene
Concen: 47.823 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

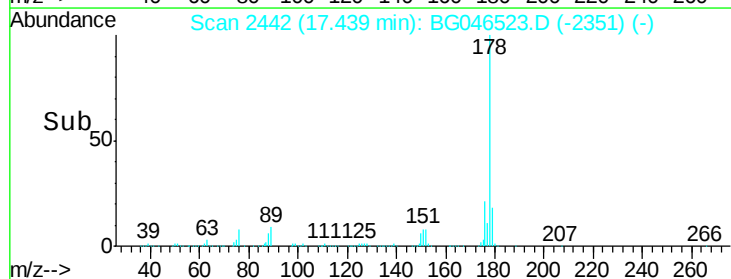
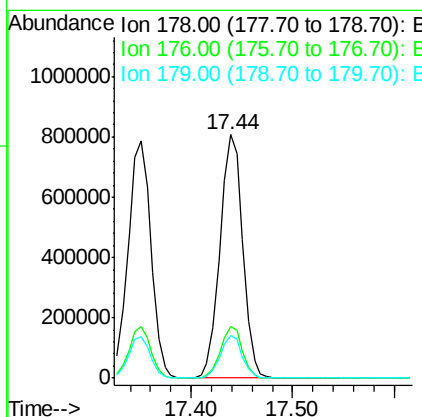
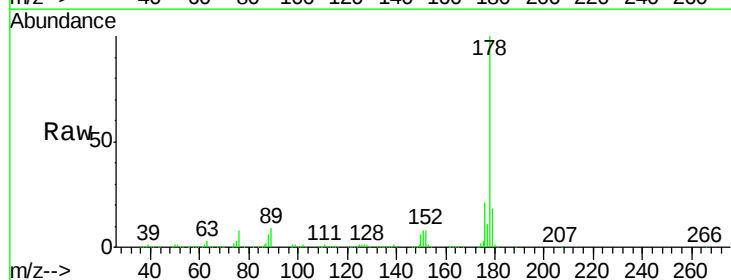
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

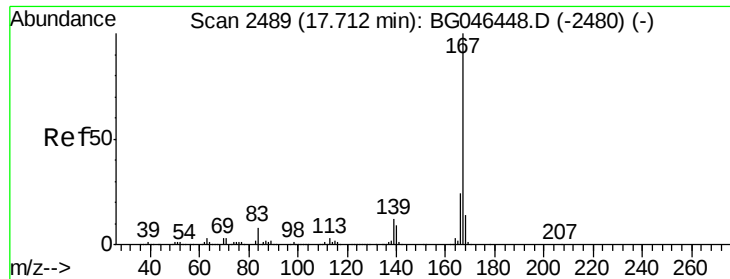
Tot Ion:178 Resp: 1230113
Ion Ratio Lower Upper
178 100
176 21.5 16.8 25.2
179 17.4 13.2 19.8



#72
Anthracene
Concen: 49.302 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:178 Resp: 1251204
Ion Ratio Lower Upper
178 100
176 21.2 16.1 24.1
179 17.7 13.3 19.9

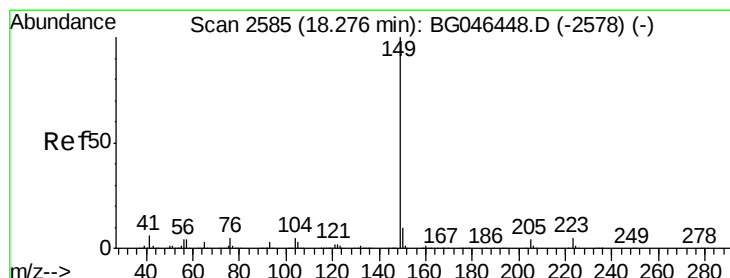
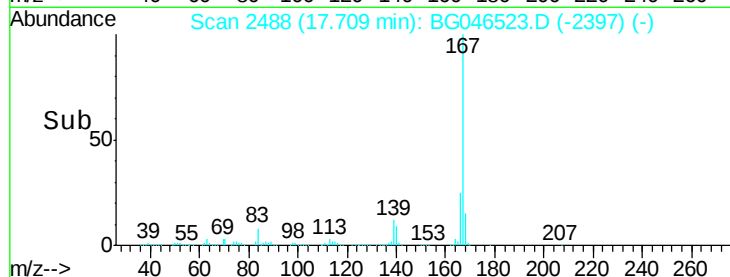
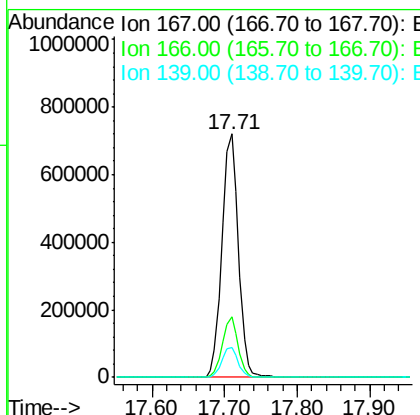
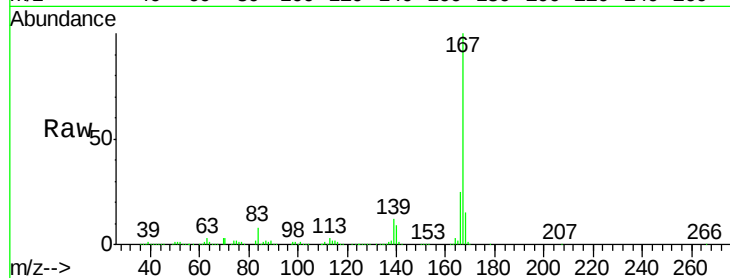




#73
 Carbazole
 Concen: 47.640 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

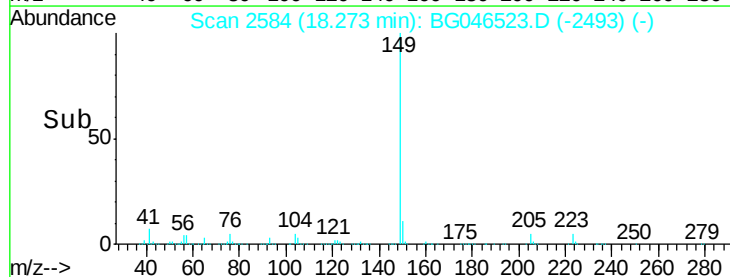
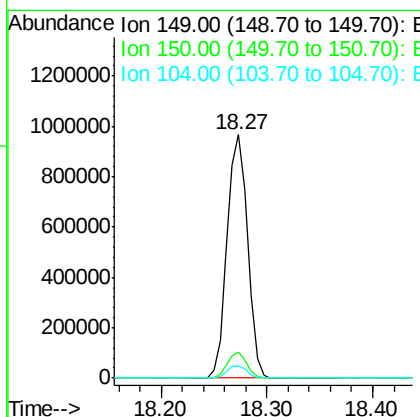
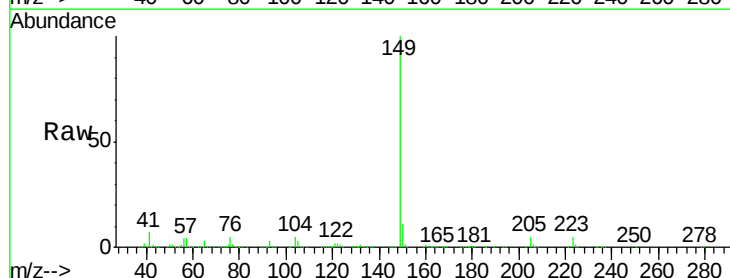
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion:167 Resp: 1141506
 Ion Ratio Lower Upper
 167 100
 166 24.9 19.3 28.9
 139 12.3 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 46.902 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion:149 Resp: 1292289
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.1 12.1
 104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 45.902 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

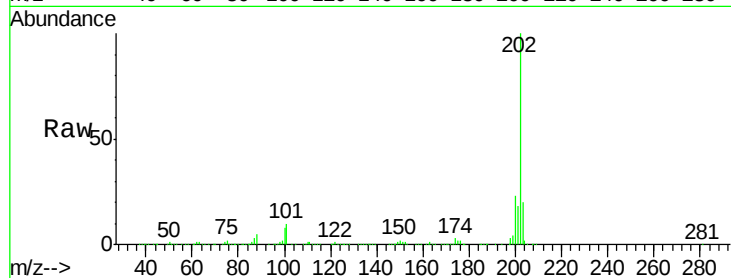
Tot Ion:202 Resp: 1519435

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.9
203	20.3	0.0	40.0

202 100

101 9.6 0.0 29.9

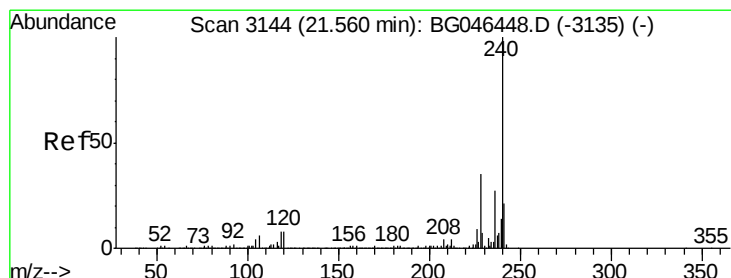
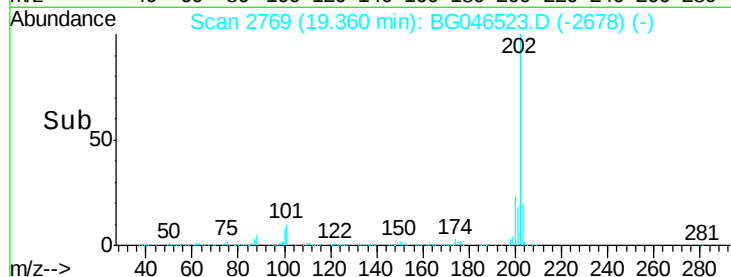
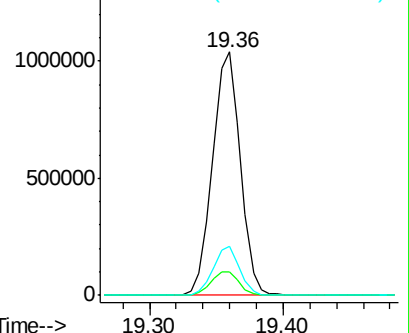
203 20.3 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

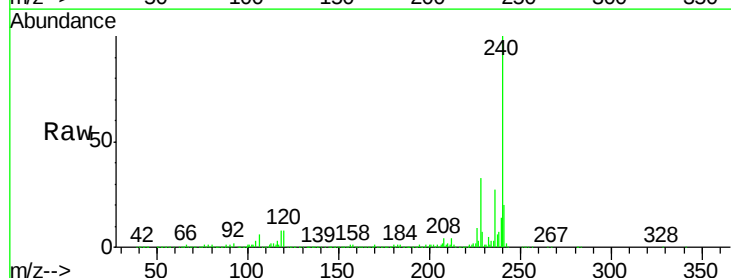
Tgt Ion:240 Resp: 486204

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.6	10.0
236	26.7	21.4	32.2

240 100

120 7.9 6.6 10.0

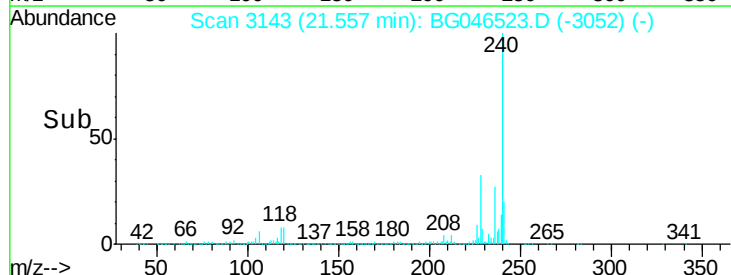
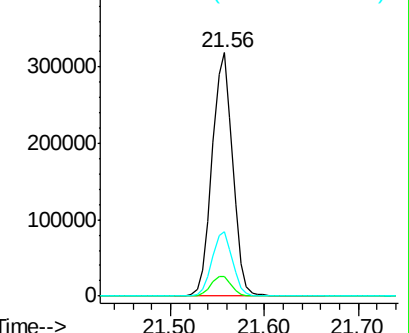
236 26.7 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.650 ng

RT: 19.54 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

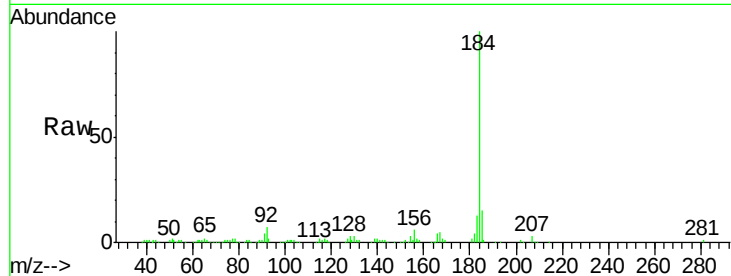
Tot Ion:184 Resp: 120317

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.8

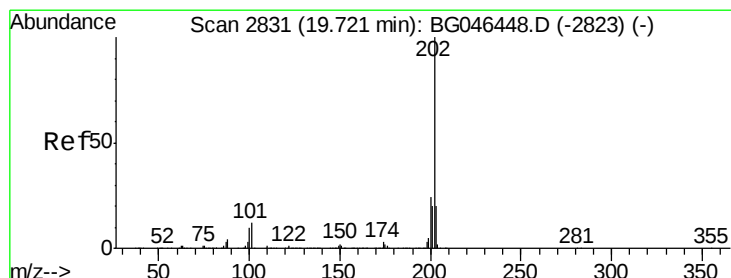
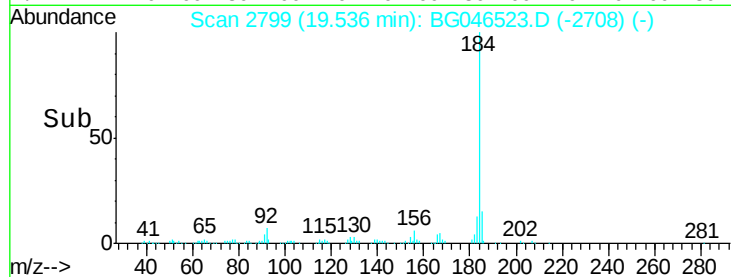
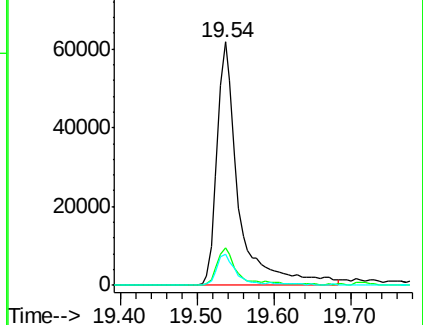
183 13.0 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.215 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

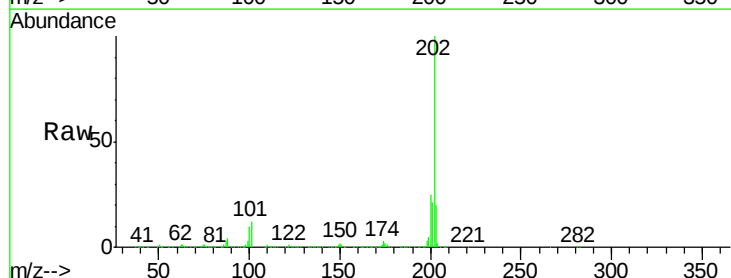
Tgt Ion:202 Resp: 1523756

Ion Ratio Lower Upper

202 100

200 24.6 18.9 28.3

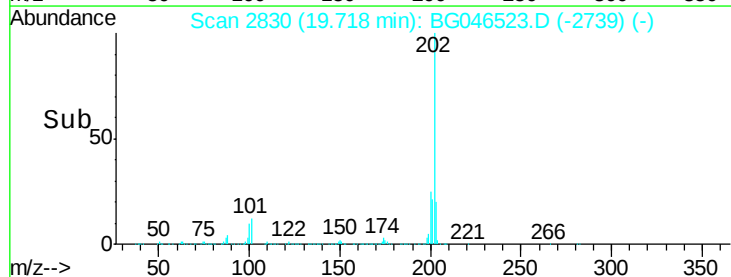
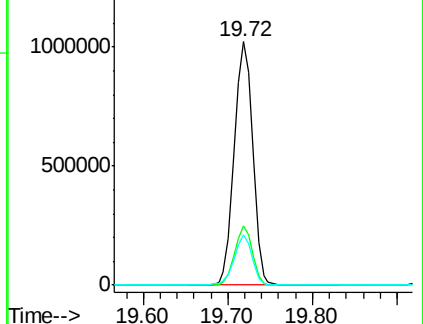
203 20.4 16.1 24.1

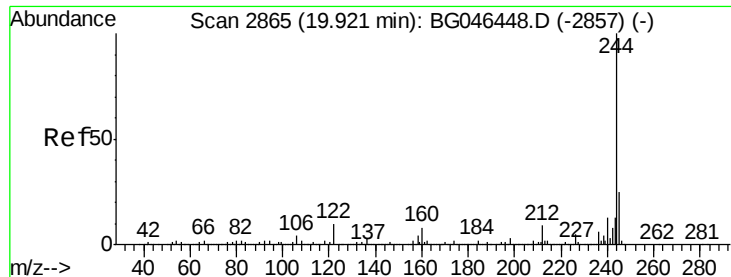


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.027 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

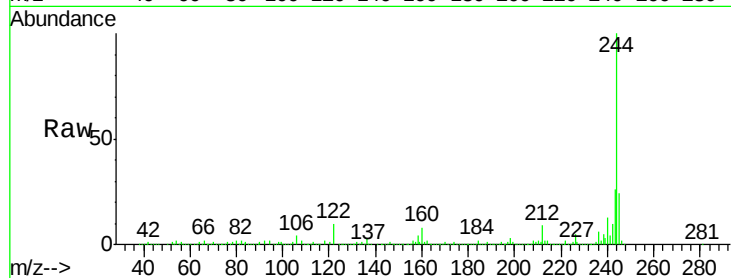
Tot Ion:244 Resp: 1828306

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

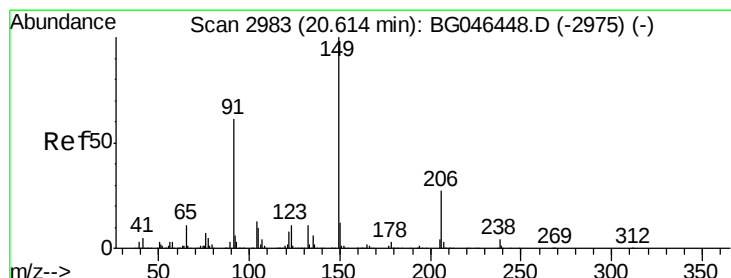
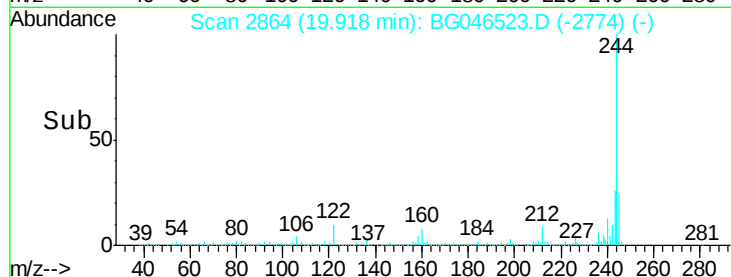
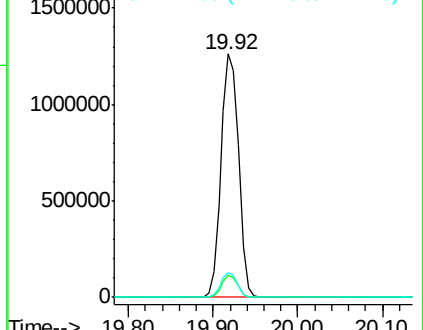
122 10.2 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.519 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

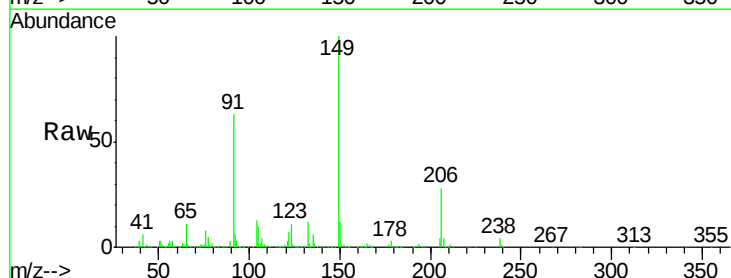
Tgt Ion:149 Resp: 598024

Ion Ratio Lower Upper

149 100

91 63.3 49.1 73.7

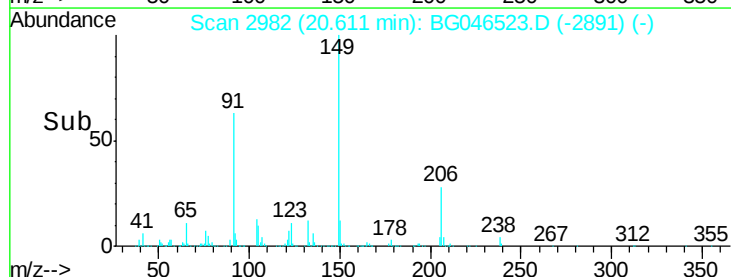
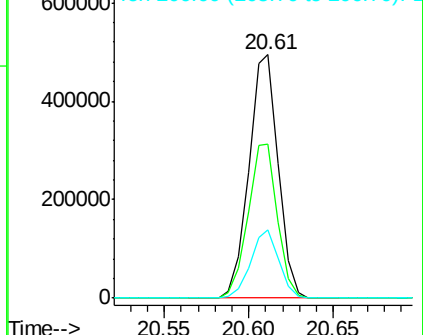
206 27.9 21.9 32.9

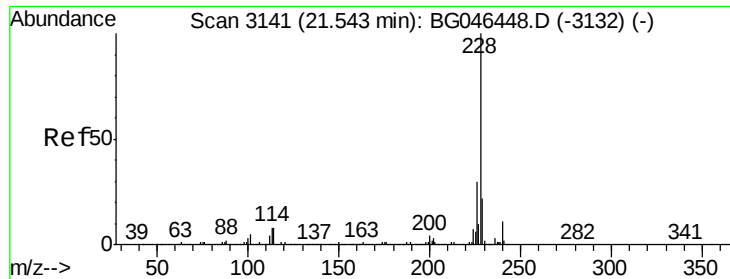


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

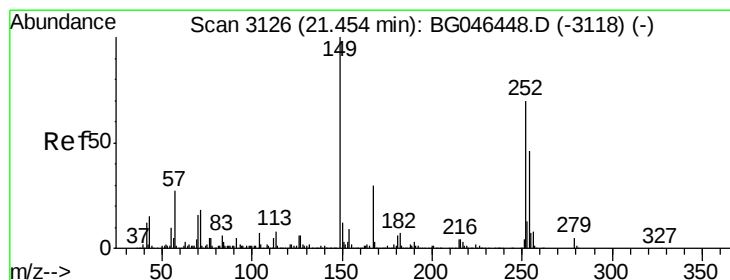
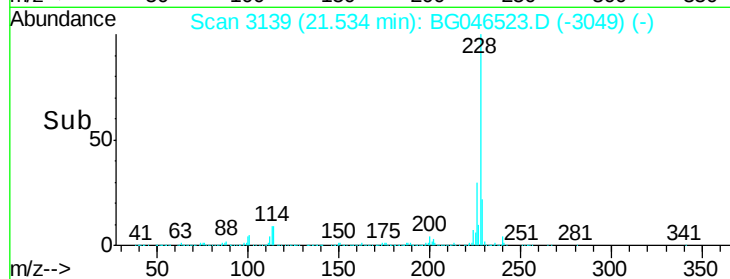
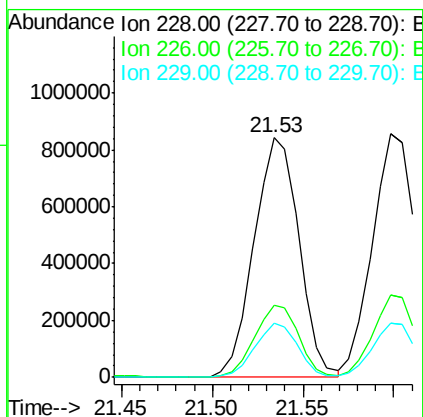
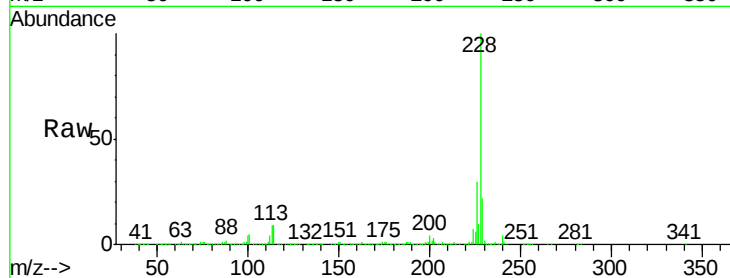




#81
Benzo(a)anthracene
Concen: 47.933 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

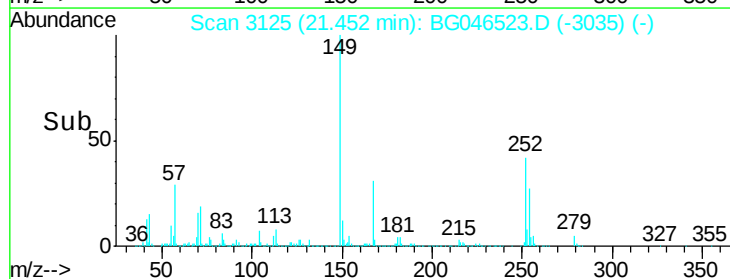
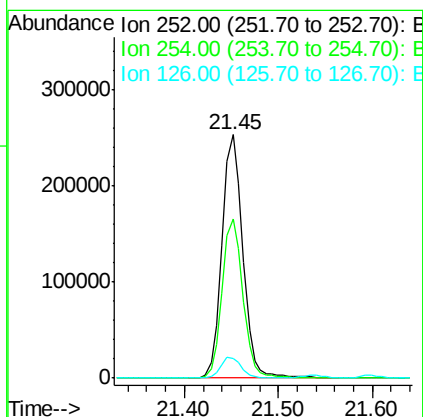
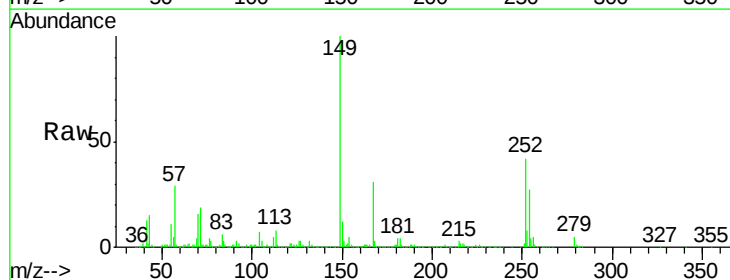
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

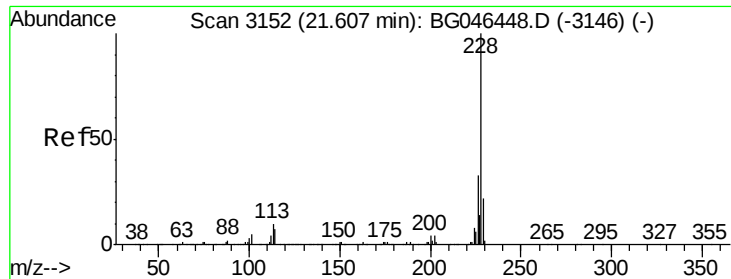
Tot Ion:228 Resp: 1452595
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 22.5 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 34.950 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:252 Resp: 393055
Ion Ratio Lower Upper
252 100
254 65.3 51.9 77.9
126 8.2 7.4 11.0





#83

Chrysene

Concen: 48.791 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

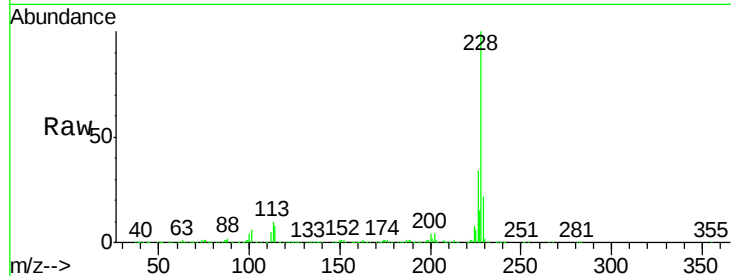
Tot Ion:228 Resp: 1422295

Ion Ratio Lower Upper

228 100

226 33.9 26.2 39.4

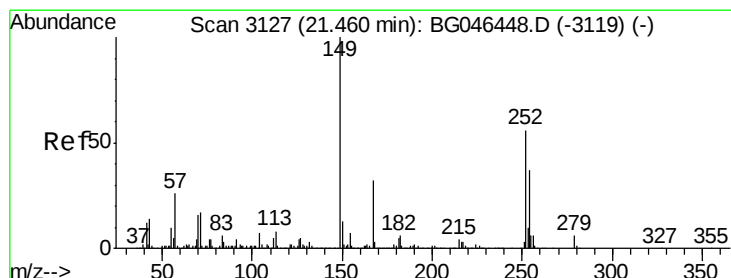
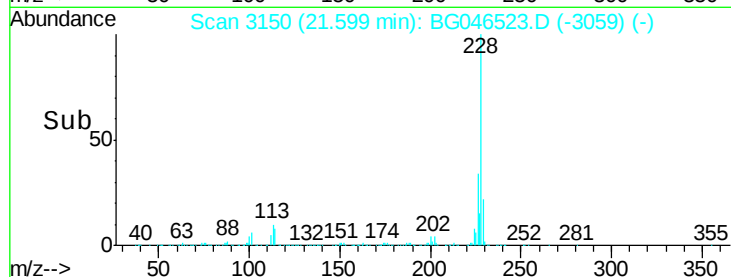
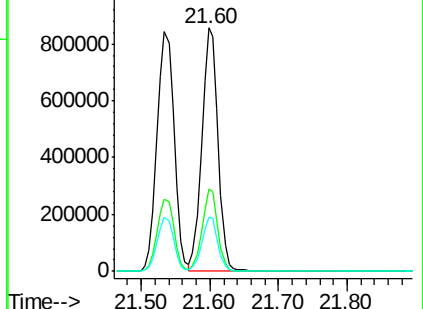
229 22.5 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.659 ng

RT: 21.46 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

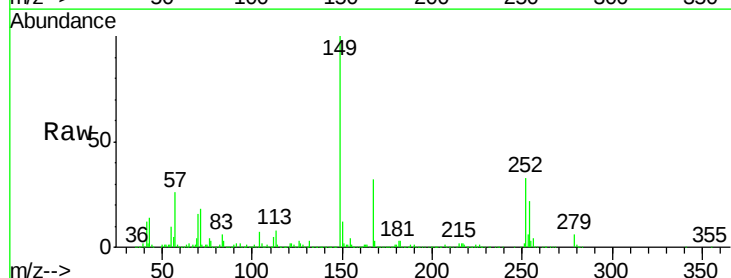
Tgt Ion:149 Resp: 834894

Ion Ratio Lower Upper

149 100

167 31.7 25.4 38.2

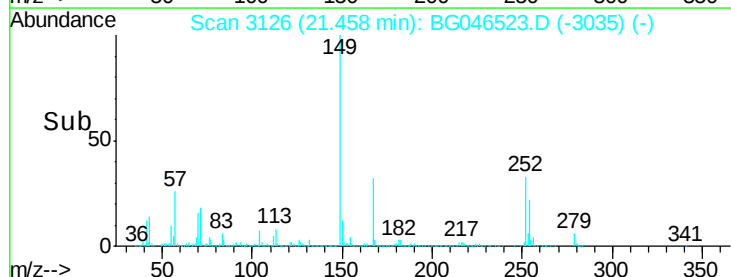
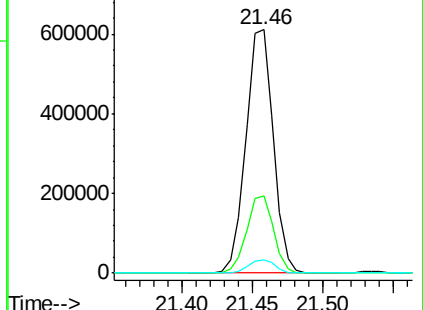
279 5.6 4.5 6.7

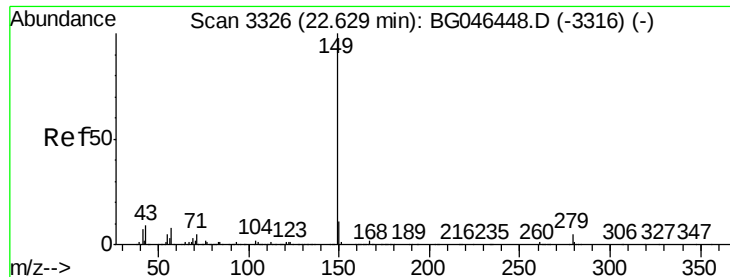


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

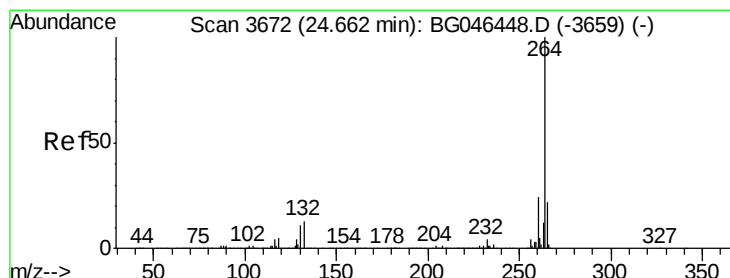
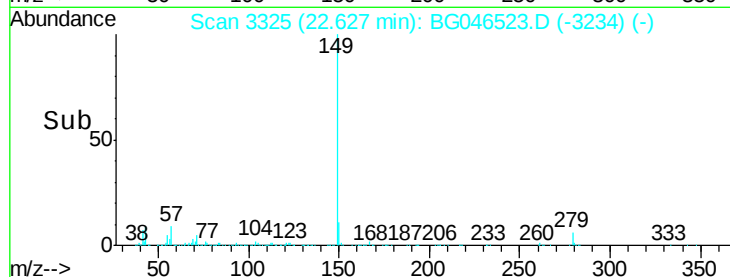
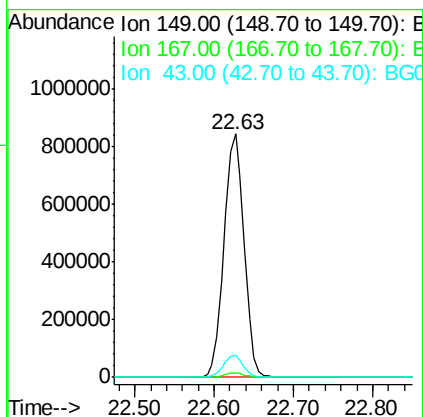
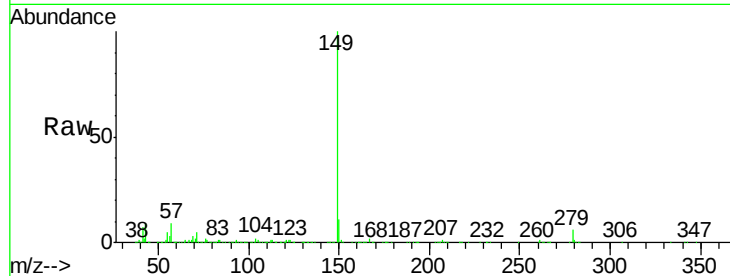




#85
Di-n-octyl phthalate
Concen: 51.934 ng
RT: 22.63 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

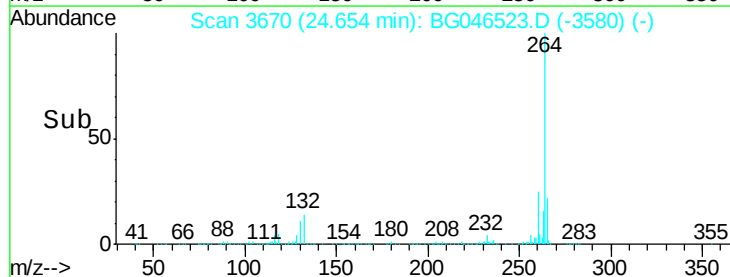
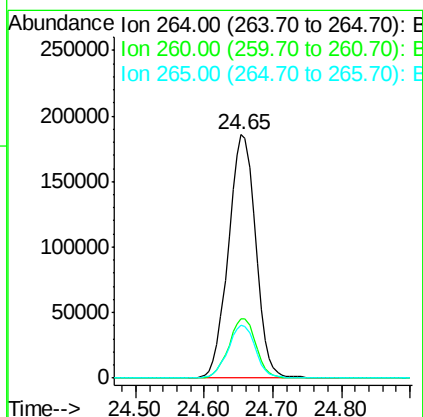
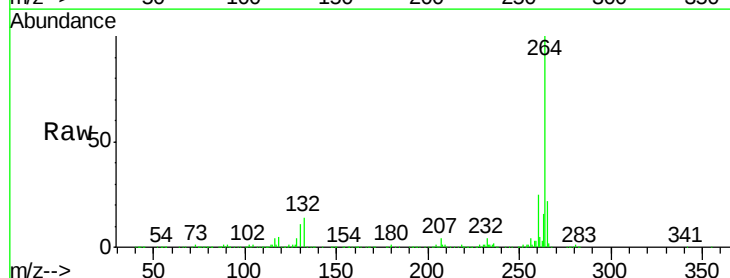
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

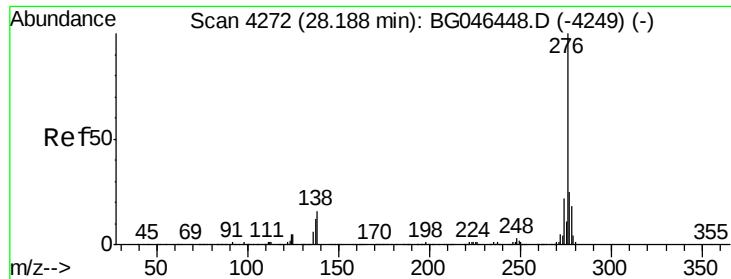
Tot Ion:149 Resp: 1465543
Ion Ratio Lower Upper
149 100
167 1.8 1.5 2.3
43 9.0 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:264 Resp: 512226
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.8 17.9 26.9

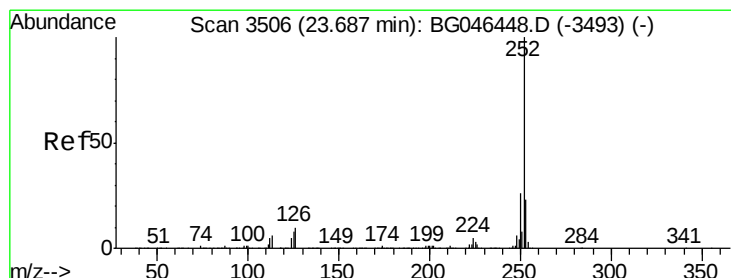
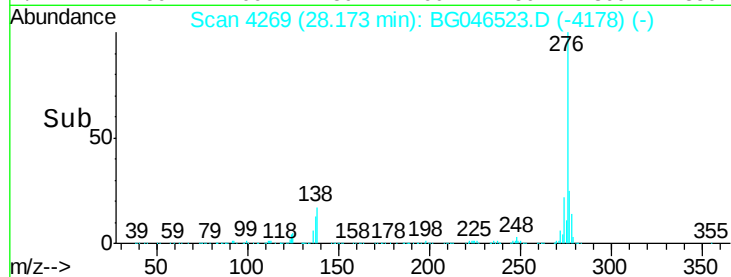
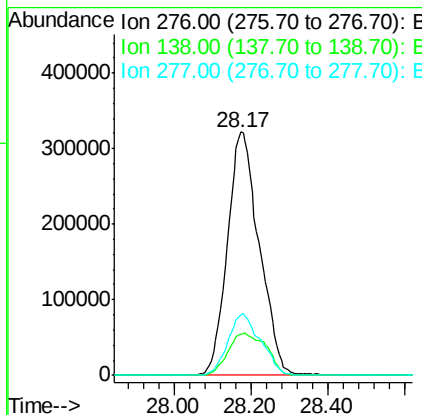
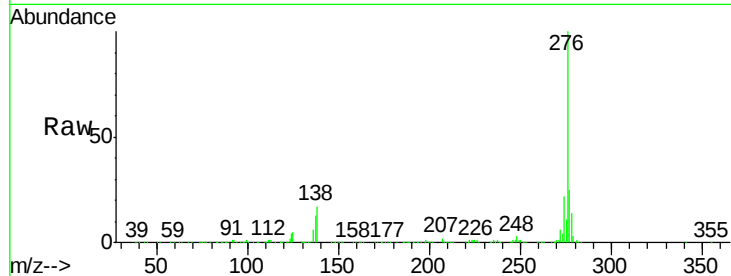




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.418 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

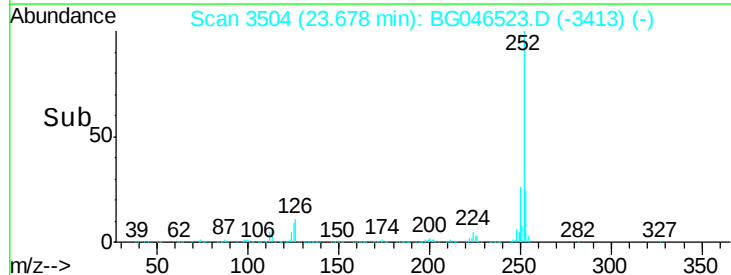
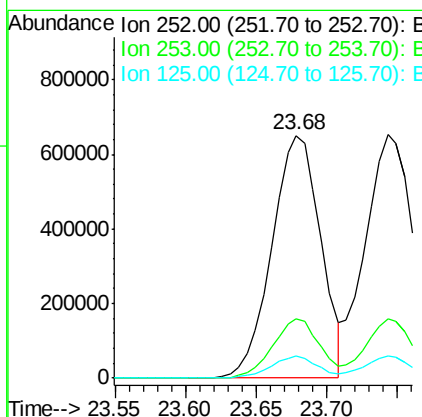
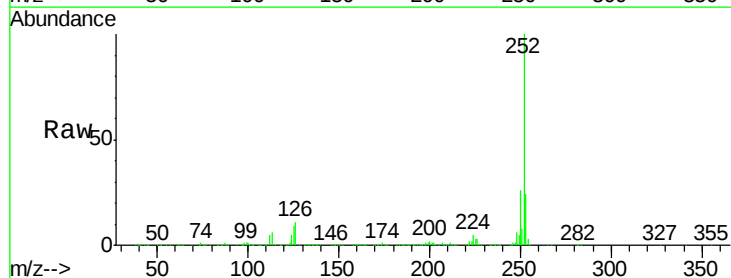
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion:276 Resp: 1854829
 Ion Ratio Lower Upper
 276 100
 138 20.7 16.5 24.7
 277 26.1 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 48.875 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion:252 Resp: 1563205
 Ion Ratio Lower Upper
 252 100
 253 24.5 18.2 27.4
 125 9.0 6.2 9.2

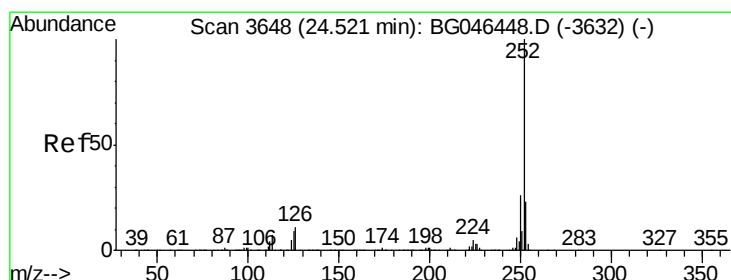
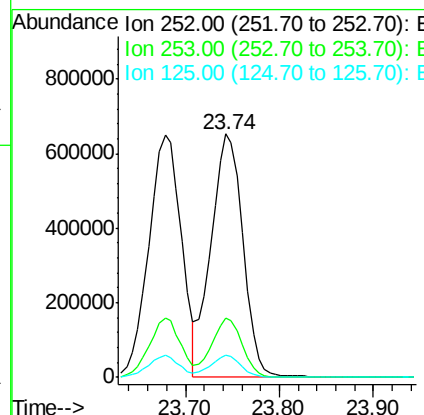
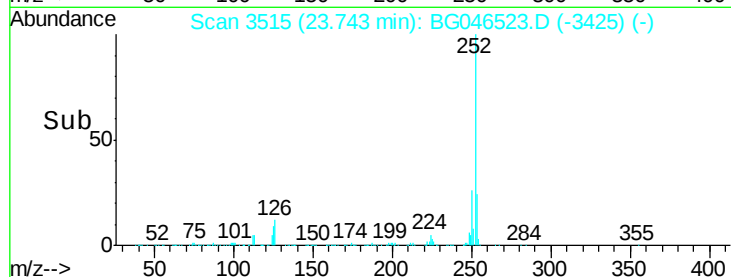
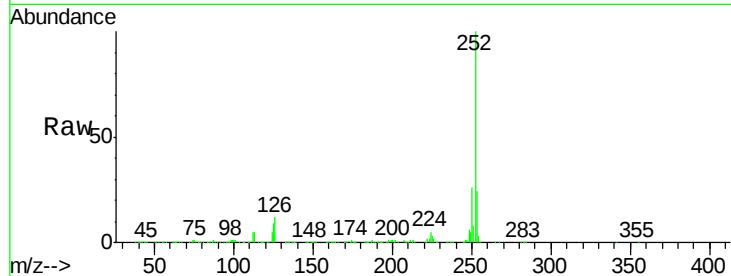




#89
Benzo(k)fluoranthene
Concen: 49.991 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

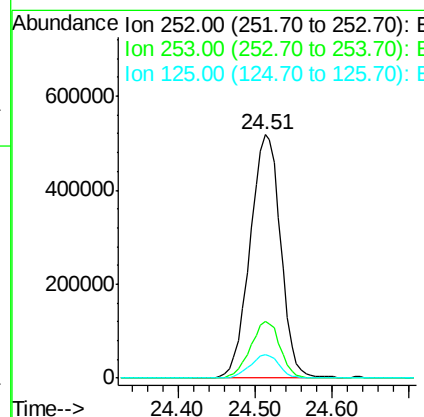
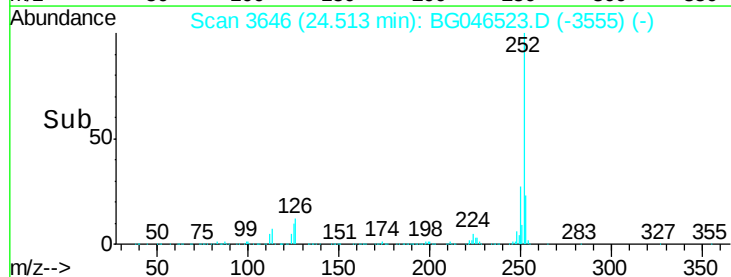
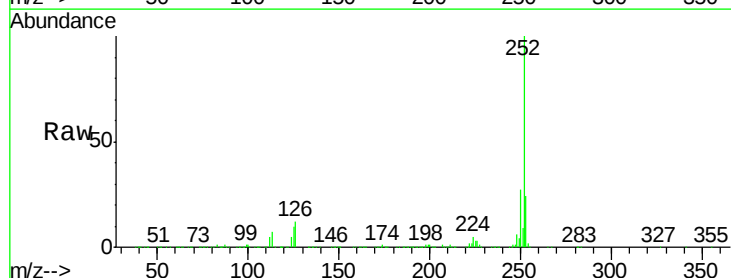
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion:252 Resp: 1545266
Ion Ratio Lower Upper
252 100
253 24.2 18.5 27.7
125 9.0 6.8 10.2



#90
Benzo(a)pyrene
Concen: 48.153 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:252 Resp: 1437277
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 9.5 7.4 11.0

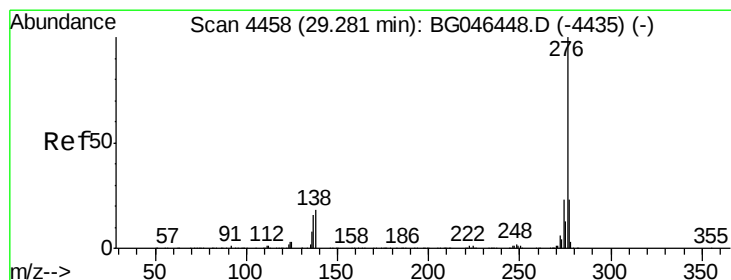
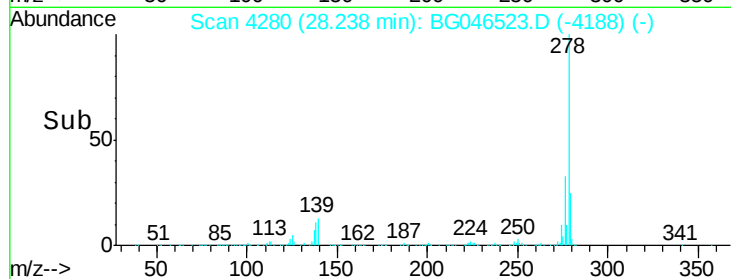
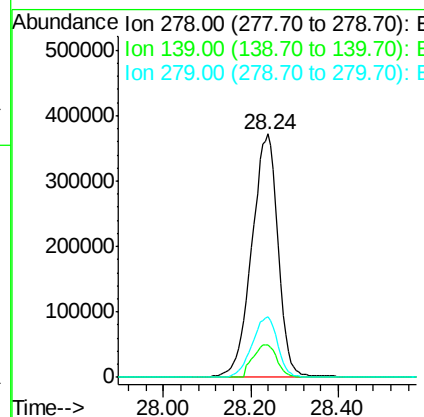
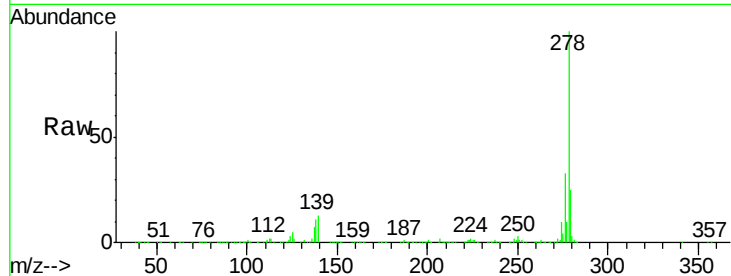




#91
Dibenzo(a,h)anthracene
Concen: 50.947 ng
RT: 28.24 min Scan# 4280
Delta R.T. 0.01 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion:278 Resp: 1512513
Ion Ratio Lower Upper
278 100
139 13.3 11.2 16.8
279 24.8 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 52.329 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:276 Resp: 1551322
Ion Ratio Lower Upper
276 100
277 24.2 18.7 28.1
138 17.4 14.7 22.1

