

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046503.D
 Acq On : 2 Sep 2020 14:38
 Operator : CG/JU
 Sample : PB131362BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Quant Time: Sep 02 15:20:52 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	79646	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	310650	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	209258	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	488107	20.00	ng	0.00
76) Chrysene-d12	21.56	240	502998	20.00	ng	0.00
86) Perylene-d12	24.66	264	517250	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	473462	105.29	ng	0.00
7) Phenol-d6	7.11	99	598779	93.93	ng	0.00
23) Nitrobenzene-d5	9.09	82	387486	71.29	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	267183	94.23	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	983304	71.73	ng	0.00
79) Terphenyl-d14	19.92	244	1559808	66.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	97414	52.071	ng	98
3) Pyridine	3.81	79	133902	24.463	ng	98
4) n-Nitrosodimethylamine	3.72	42	79612	39.435	ng	# 98
6) Aniline	7.25	93	255355	35.598	ng	99
8) 2-Chlorophenol	7.50	128	200832	42.257	ng	99
9) Benzaldehyde	7.07	77	131390	36.789	ng	97
10) Phenol	7.13	94	241633	41.155	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	182116	38.589	ng	99
12) 1,3-Dichlorobenzene	7.82	146	221990	36.790	ng	99
13) 1,4-Dichlorobenzene	7.97	146	226189	37.443	ng	100
14) 1,2-Dichlorobenzene	8.28	146	219440	37.885	ng	99
15) Benzyl Alcohol	8.17	79	169466	41.408	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	278271	38.013	ng	100
17) 2-Methylphenol	8.38	107	173254	41.608	ng	98
18) Hexachloroethane	9.01	117	76280	37.242	ng	91
19) n-Nitroso-di-n-propylamine	8.73	70	144653	37.936	ng	97
20) 3+4-Methylphenols	8.71	107	233715	40.665	ng	99
22) Acetophenone	8.75	105	284850	37.669	ng	100
24) Nitrobenzene	9.13	77	209387	38.994	ng	99
25) Isophorone	9.65	82	399483	40.090	ng	98
26) 2-Nitrophenol	9.84	139	114378	40.372	ng	98
27) 2,4-Dimethylphenol	9.90	122	186079	47.754	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	245025	38.203	ng	99
29) 2,4-Dichlorophenol	10.38	162	213215	41.046	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	229501	37.237	ng	99
31) Naphthalene	10.78	128	587252	38.717	ng	99
32) Benzoic acid	10.05	122	73381	29.992	ng	98
33) 4-Chloroaniline	10.89	127	196178	29.331	ng	98
34) Hexachlorobutadiene	11.07	225	144335	36.075	ng	99
35) Caprolactam	11.65	113	40664	20.942	ng	92
36) 4-Chloro-3-methylphenol	12.01	107	208146	40.969	ng	94
37) 2-Methylnaphthalene	12.38	142	462953	38.700	ng	99
38) 1-Methylnaphthalene	12.61	142	440110	38.840	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	273100	39.576	ng	99

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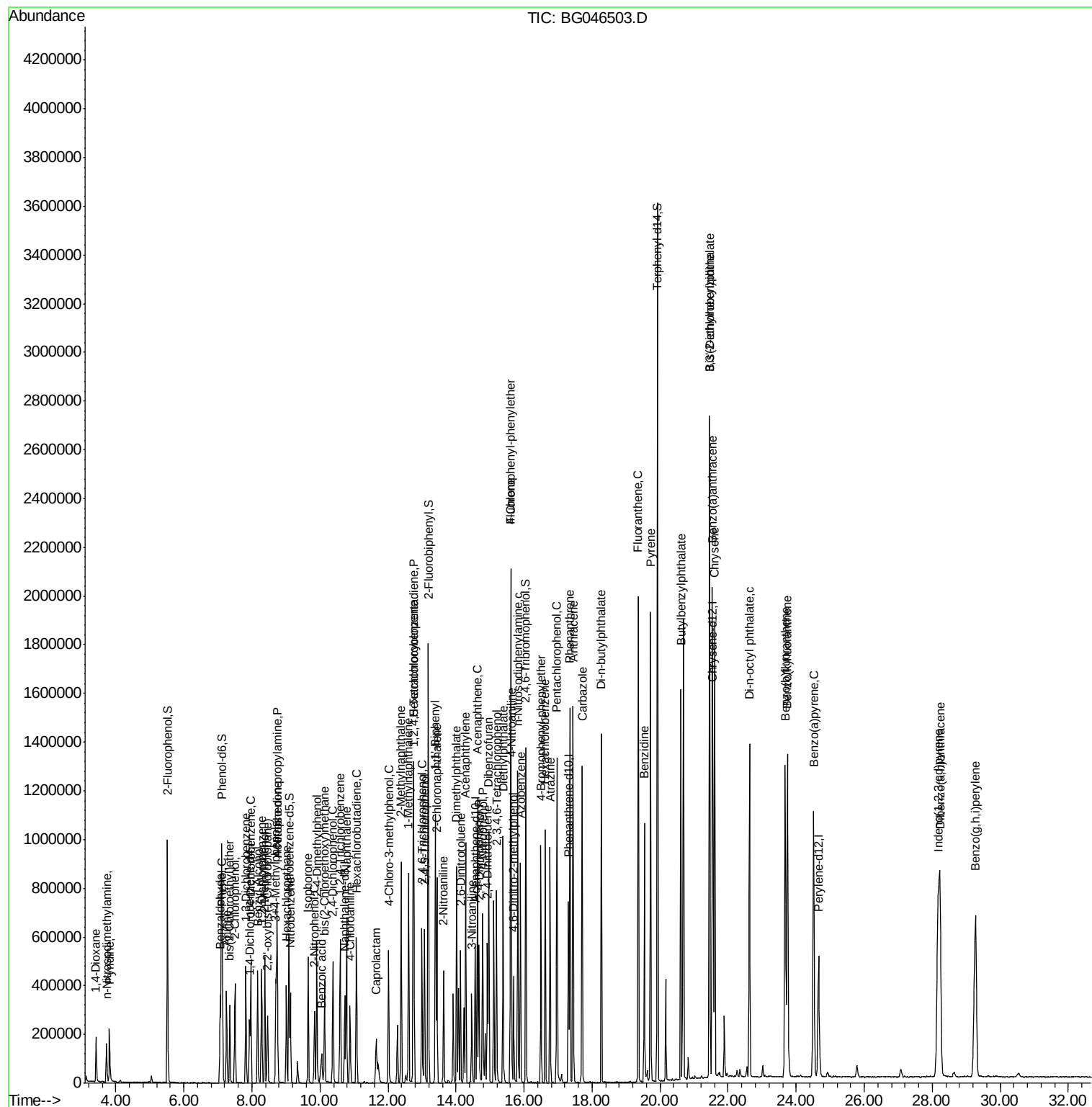
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	330850	110.264	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	186152	39.975	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	203254	41.543	ng	98
46) 1,1'-Biphenyl	13.39	154	602360	41.374	ng	99
47) 2-Chloronaphthalene	13.44	162	463252	37.528	ng	99
48) 2-Nitroaniline	13.64	65	132264	38.587	ng	97
49) Acenaphthylene	14.28	152	753770	40.255	ng	99
50) Dimethylphthalate	14.02	163	616679	38.092	ng	100
51) 2,6-Dinitrotoluene	14.13	165	142215	39.851	ng	96
52) Acenaphthene	14.63	154	446172	38.452	ng	98
53) 3-Nitroaniline	14.46	138	113947	29.477	ng	97
54) 2,4-Dinitrophenol	14.68	184	174521	83.781	ng	98
55) Dibenzofuran	14.96	168	731560	39.285	ng	99
56) 4-Nitrophenol	14.79	139	229029	80.505	ng	100
57) 2,4-Dinitrotoluene	14.92	165	199212	39.149	ng	98
58) Fluorene	15.61	166	602843	38.572	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	195338	41.114	ng	99
60) Diethylphthalate	15.38	149	603441	38.230	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	328305	38.141	ng	97
62) 4-Nitroaniline	15.63	138	144653	35.465	ng	98
63) Azobenzene	15.90	77	509476	39.680	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	129093	46.727	ng	95
66) n-Nitrosodiphenylamine	15.81	169	551803	41.904	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	232425	40.815	ng	98
68) Hexachlorobenzene	16.62	284	243484	38.607	ng	99
69) Atrazine	16.77	200	205870	38.323	ng	99
70) Pentachlorophenol	16.96	266	285932	86.774	ng	99
71) Phenanthrene	17.35	178	989553	39.997	ng	99
72) Anthracene	17.44	178	1014710	41.570	ng	99
73) Carbazole	17.71	167	932459	40.459	ng	100
74) Di-n-butylphthalate	18.27	149	1057071	39.887	ng	100
75) Fluoranthene	19.36	202	1262214	39.644	ng	100
77) Benzidine	19.53	184	694681	59.435	ng	98
78) Pyrene	19.72	202	1270824	39.676	ng	99
80) Butylbenzylphthalate	20.61	149	497410	39.813	ng	99
81) Benzo(a)anthracene	21.54	228	1233418	39.341	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	401125	34.476	ng	99
83) Chrysene	21.60	228	1189850	39.454	ng	100
84) Bis(2-ethylhexyl)phthalate	21.46	149	691388	40.551	ng	99
85) Di-n-octyl phthalate	22.62	149	1224808	41.954	ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1516234	40.814	ng	100
88) Benzo(b)fluoranthene	23.68	252	1316401	40.758	ng	99
89) Benzo(k)fluoranthene	23.74	252	1251906	40.107	ng	98
90) Benzo(a)pyrene	24.51	252	1205145	39.984	ng	100
91) Dibenzo(a,h)anthracene	28.23	278	1245860	41.558	ng	98
92) Benzo(g,h,i)perylene	29.27	276	1275234	42.598	ng	98

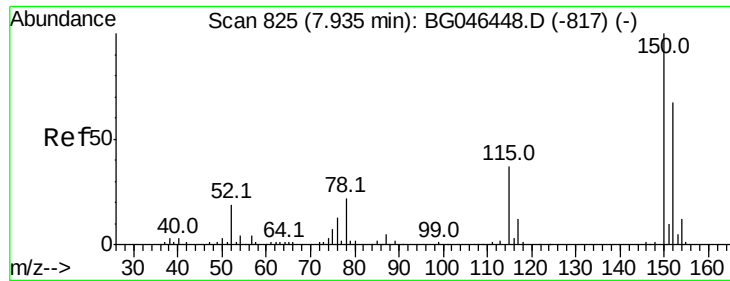
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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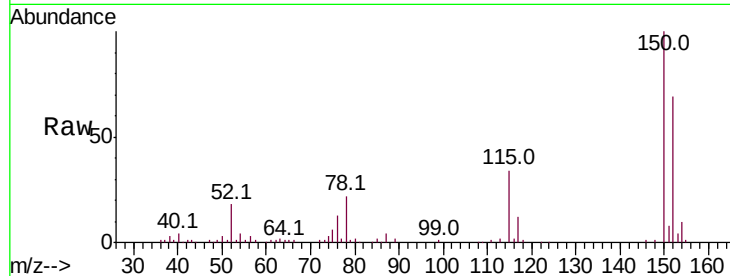


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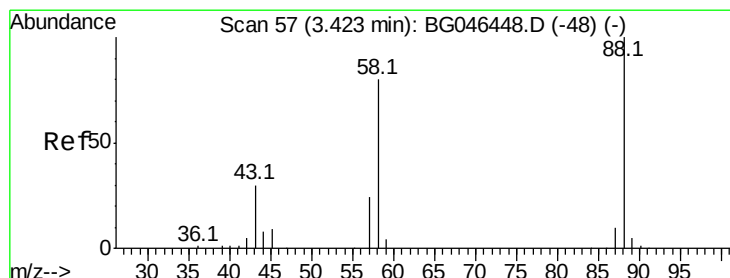
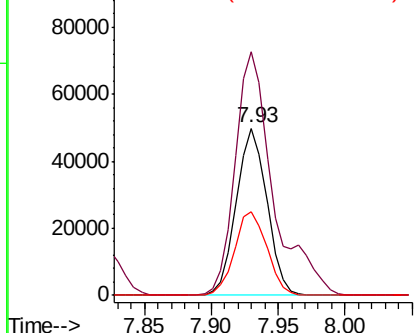
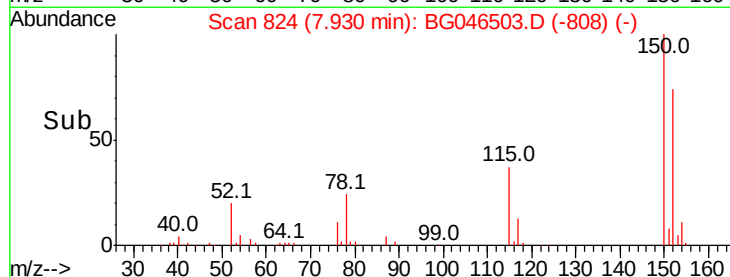
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion:152 Resp: 79646
 Ion Ratio Lower Upper
 152 100
 150 145.7 119.5 179.3
 115 50.1 44.3 66.5



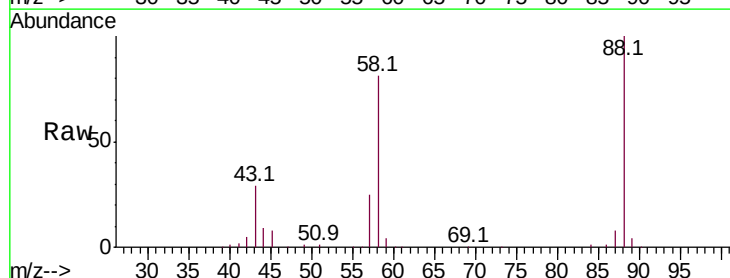
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



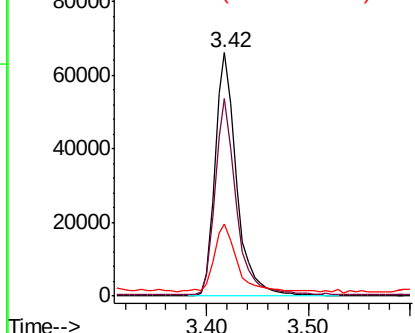
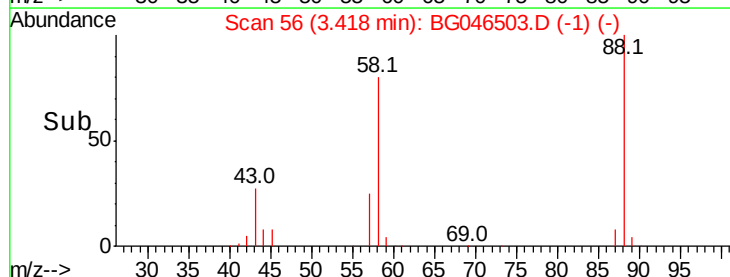
#2

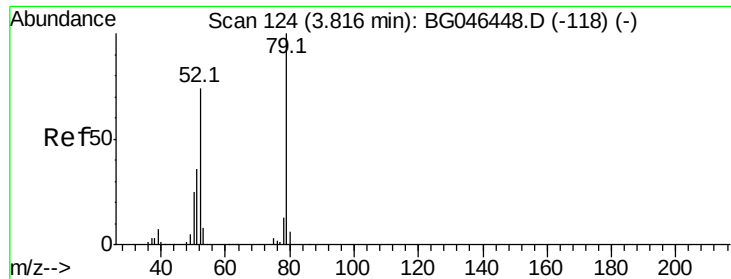
1,4-Dioxane
 Concen: 52.071 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion: 88 Resp: 97414
 Ion Ratio Lower Upper
 88 100
 58 78.4 61.4 92.2
 43 29.2 21.6 32.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.463 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

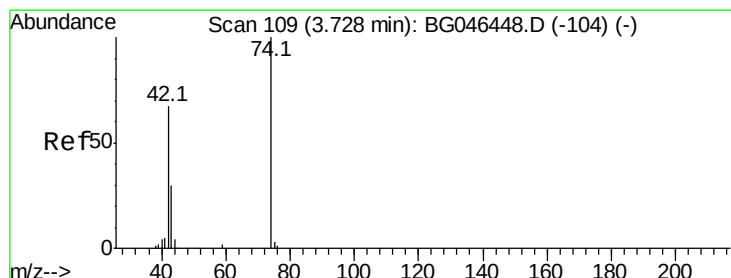
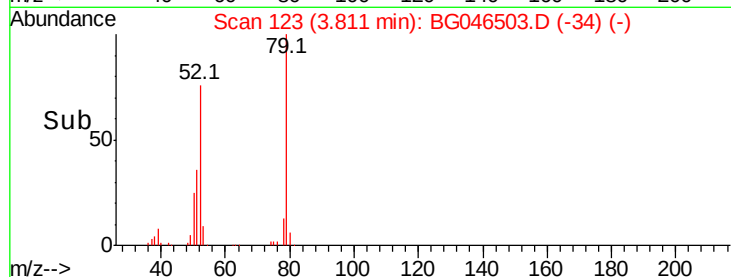
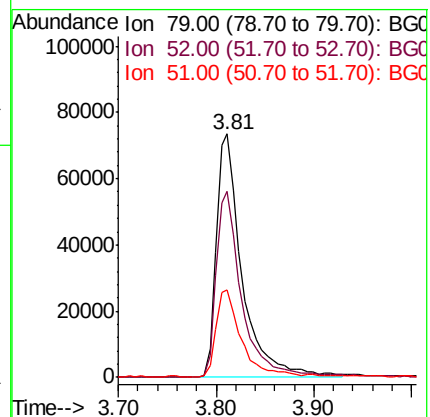
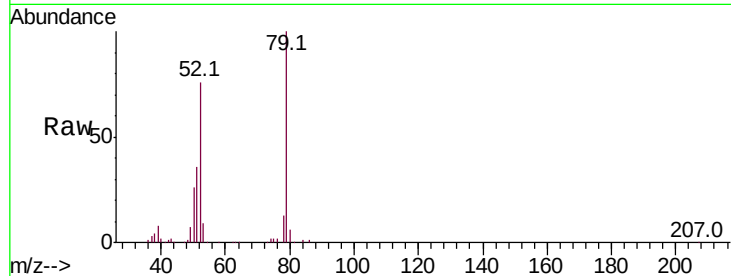
Tot Ion: 79 Resp: 133902

Ion Ratio Lower Upper

79 100

52 76.2 59.1 88.7

51 36.0 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 39.435 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

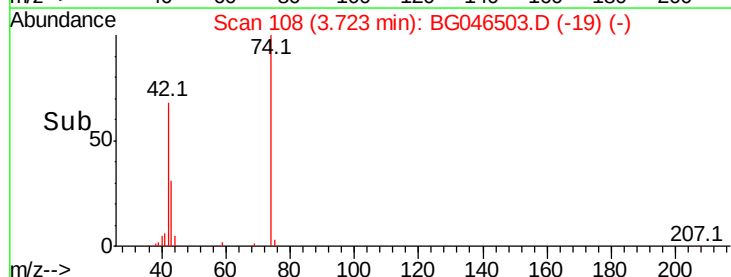
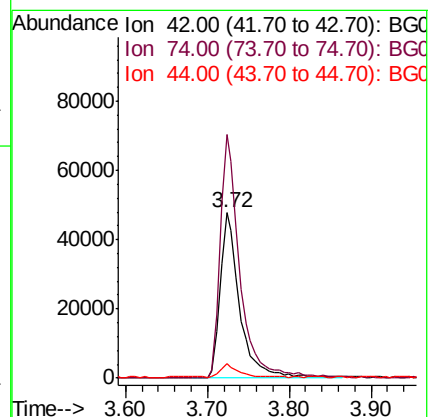
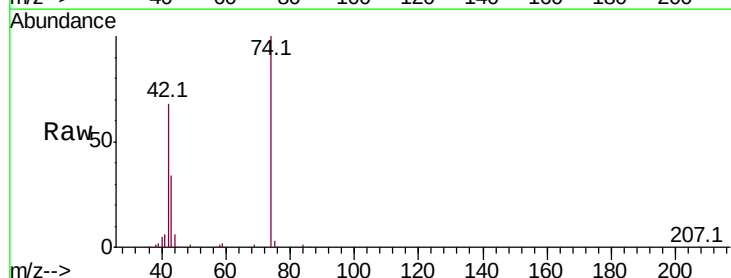
Tgt Ion: 42 Resp: 79612

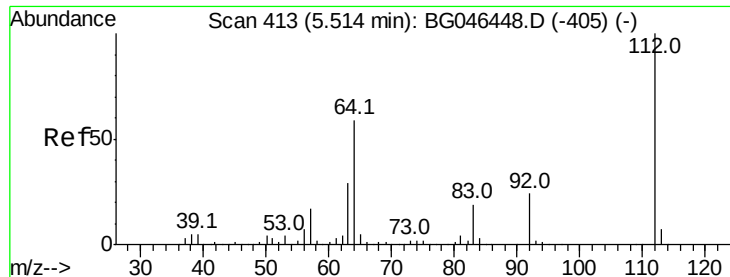
Ion Ratio Lower Upper

42 100

74 147.3 119.5 179.3

44 8.6 5.7 8.5#





#5

2-Fluorophenol

Concen: 105.290 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

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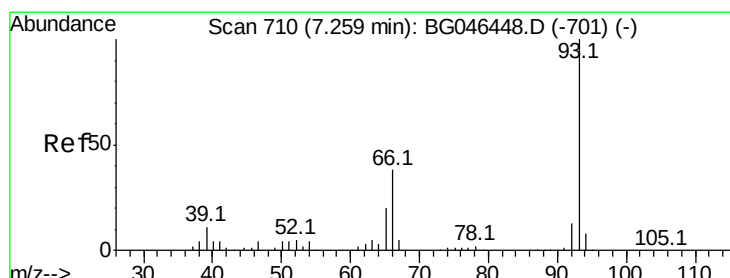
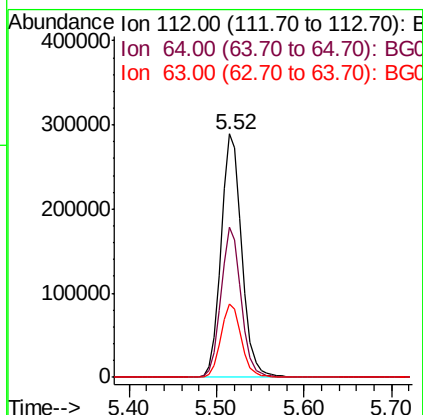
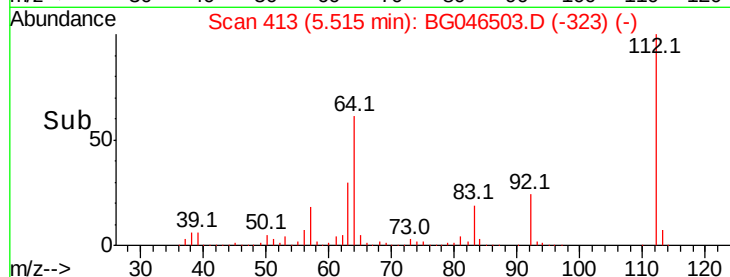
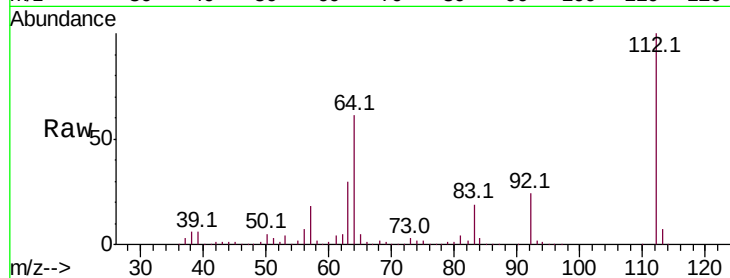
Tot Ion:112 Resp: 473462

Ion Ratio Lower Upper

112 100

64 61.5 47.0 70.6

63 30.2 23.5 35.3



#6

Aniline

Concen: 35.598 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

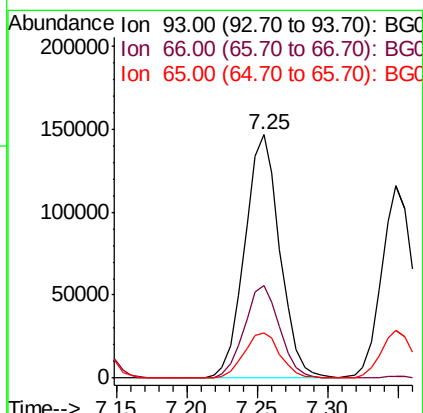
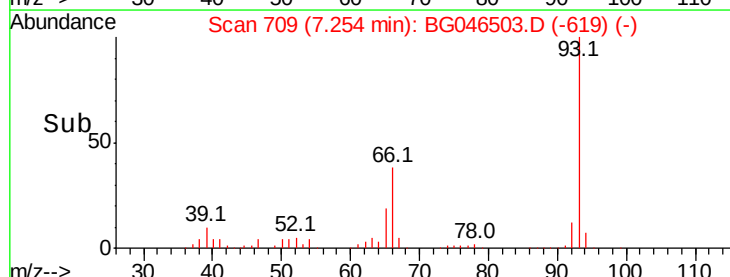
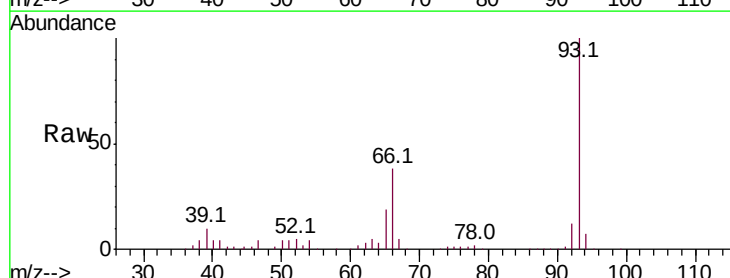
Tgt Ion: 93 Resp: 255355

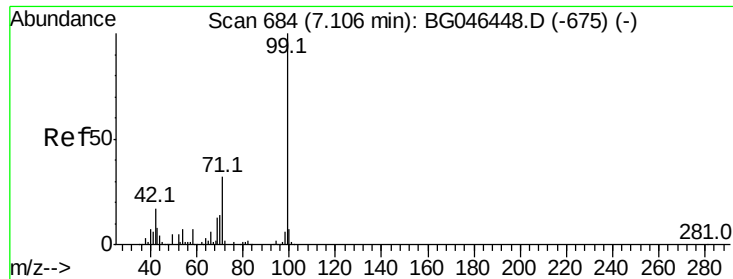
Ion Ratio Lower Upper

93 100

66 37.8 30.4 45.6

65 18.7 15.8 23.6





#7

Phenol-d6

Concen: 93.932 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

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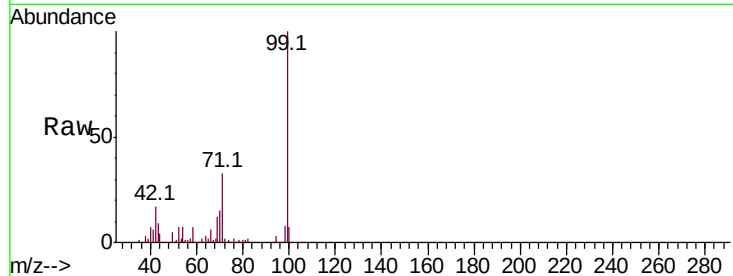
Tot Ion: 99 Resp: 598779

Ion Ratio Lower Upper

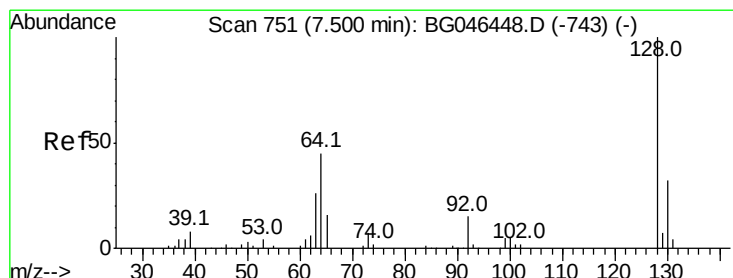
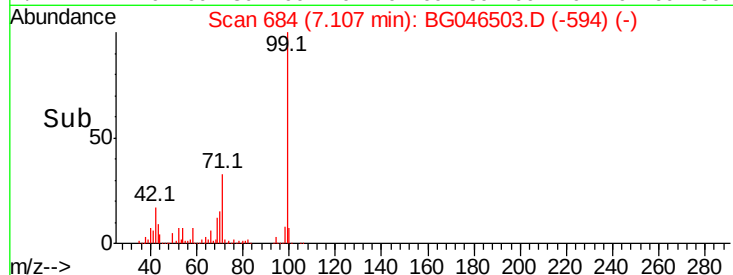
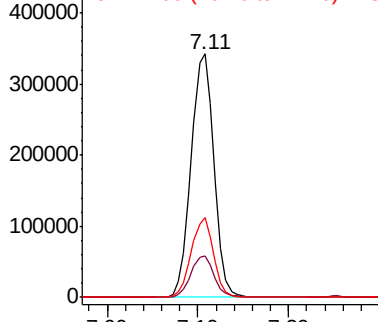
99 100

42 17.1 13.3 19.9

71 32.8 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: 42.257 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046503.D

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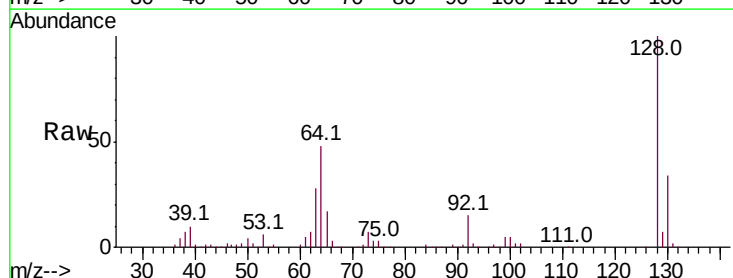
Tgt Ion: 128 Resp: 200832

Ion Ratio Lower Upper

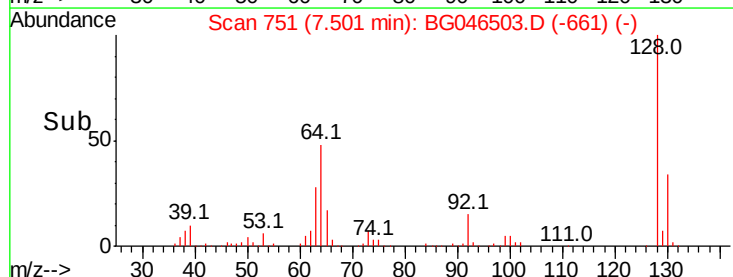
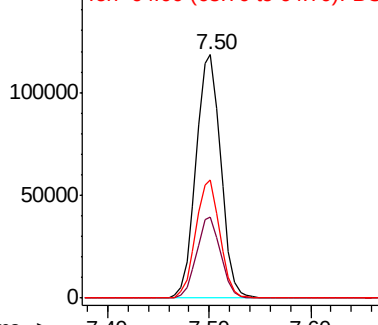
128 100

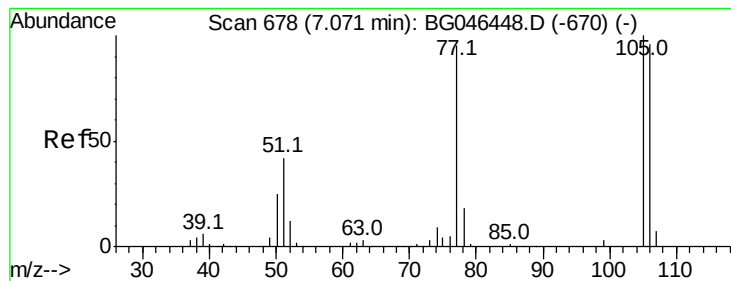
130 33.6 12.4 52.4

64 48.4 28.1 68.1



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





#9

Benzaldehyde

Concen: 36.789 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

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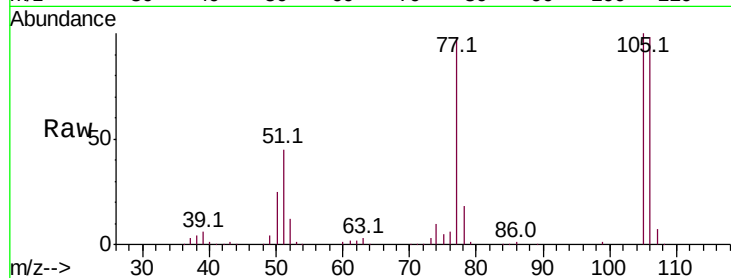
Tot Ion: 77 Resp: 131390

Ion Ratio Lower Upper

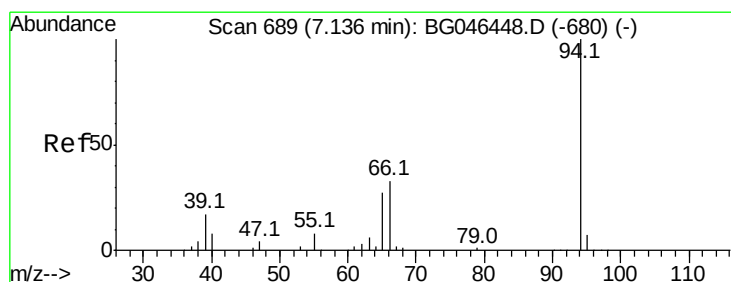
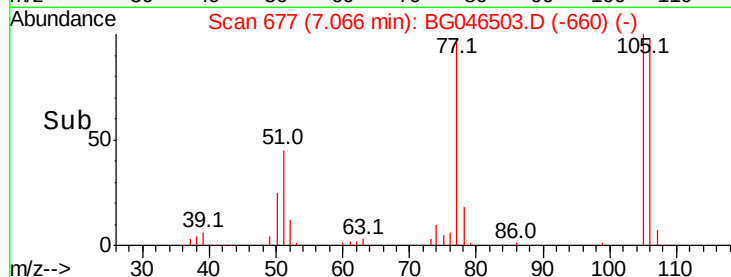
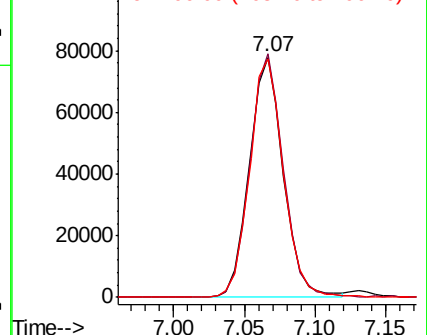
77 100

105 101.5 85.6 125.6

106 99.2 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: 41.155 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

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Acq: 2 Sep 2020 14:38

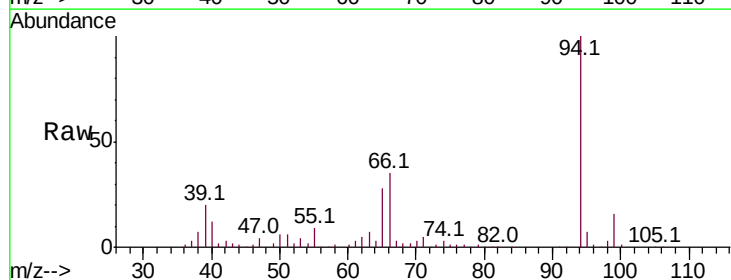
Tgt Ion: 94 Resp: 241633

Ion Ratio Lower Upper

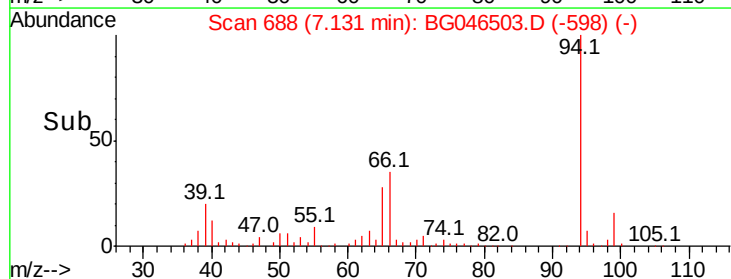
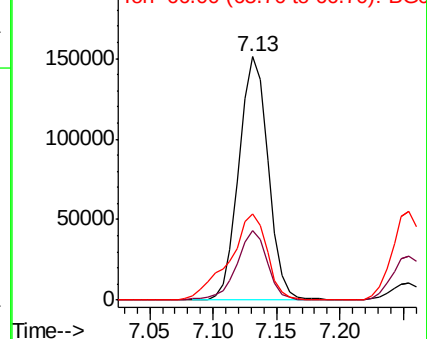
94 100

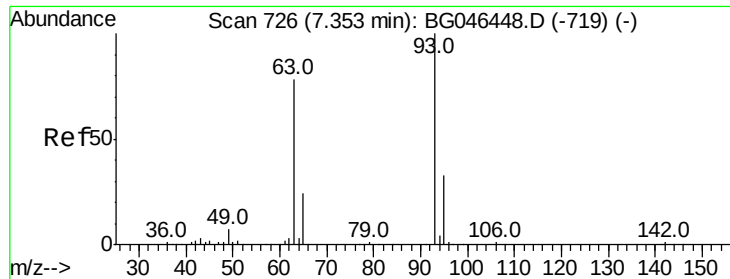
65 28.4 7.5 47.5

66 35.3 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: 38.589 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

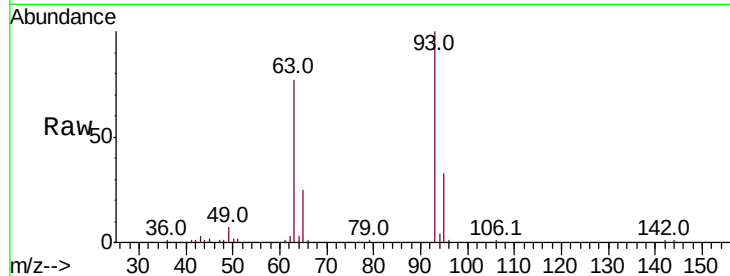
Tot Ion: 93 Resp: 182116

Ion Ratio Lower Upper

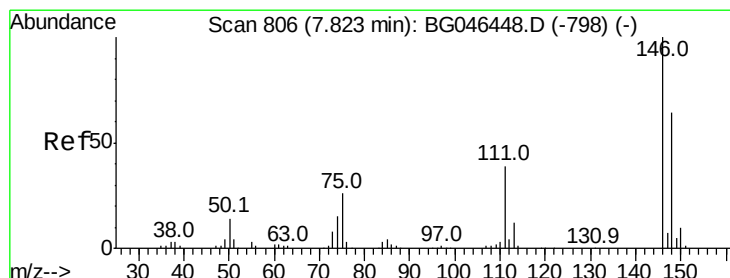
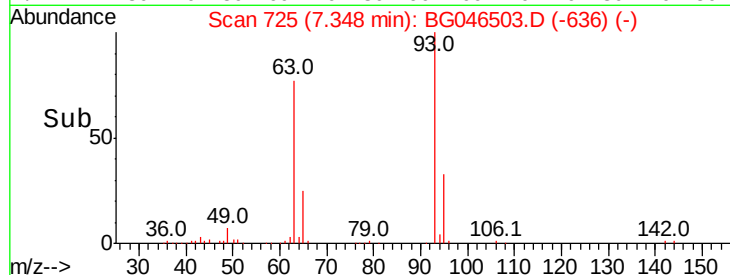
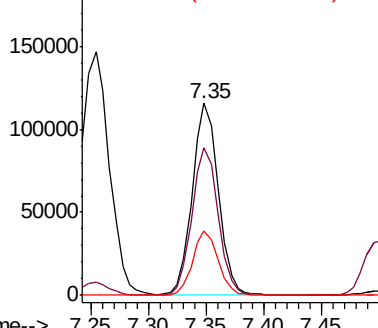
93 100

63 77.0 57.7 97.7

95 33.3 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 36.790 ng

RT: 7.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

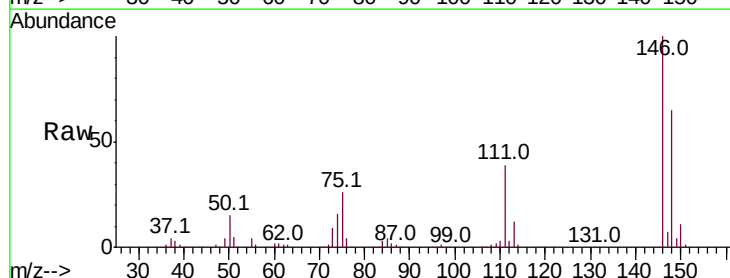
Tgt Ion: 146 Resp: 221990

Ion Ratio Lower Upper

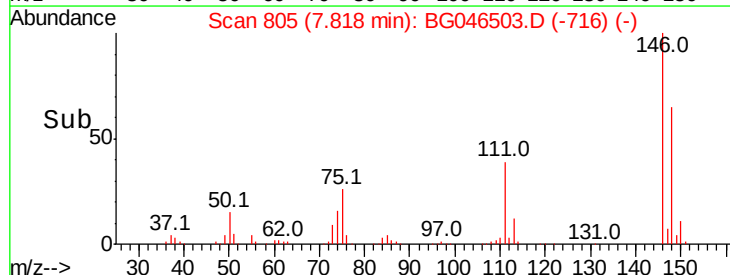
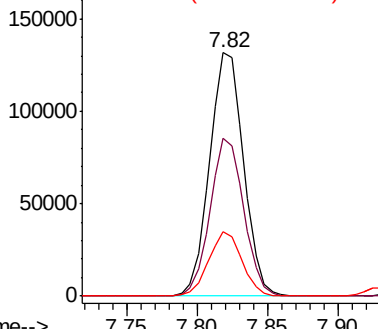
146 100

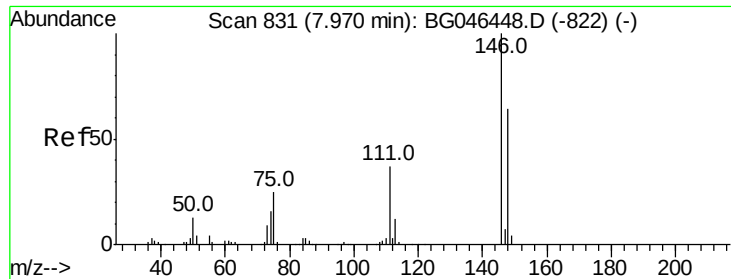
148 64.9 51.4 77.0

75 26.3 20.7 31.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

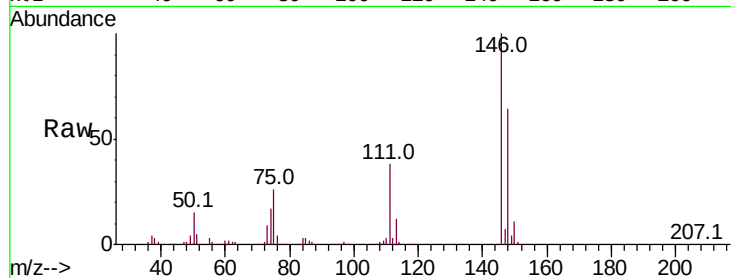




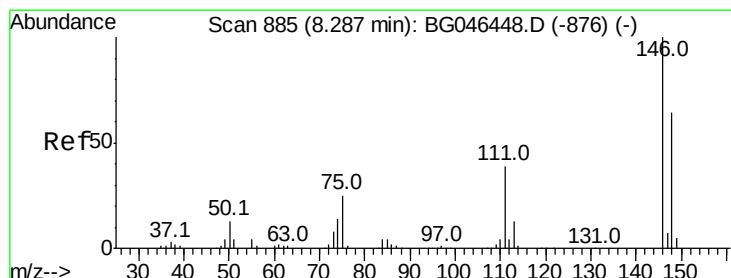
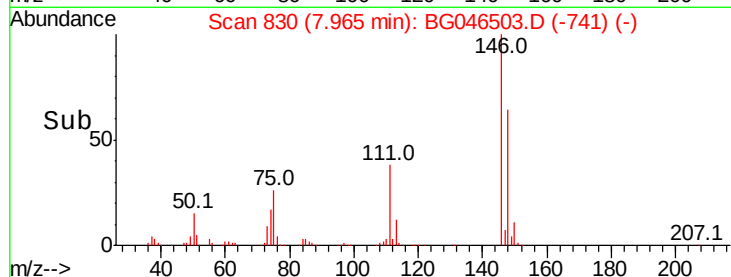
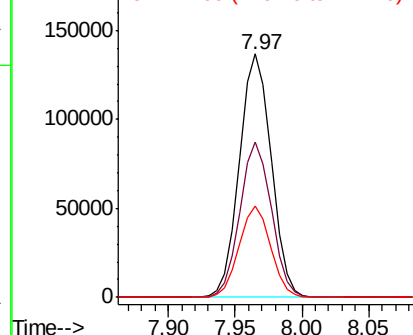
#13
 1,4-Dichlorobenzene
 Concen: 37.443 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion:146 Resp: 226189
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.9 76.3
 111 37.5 29.8 44.6

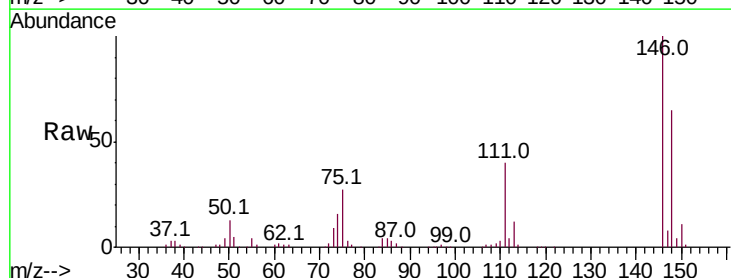


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

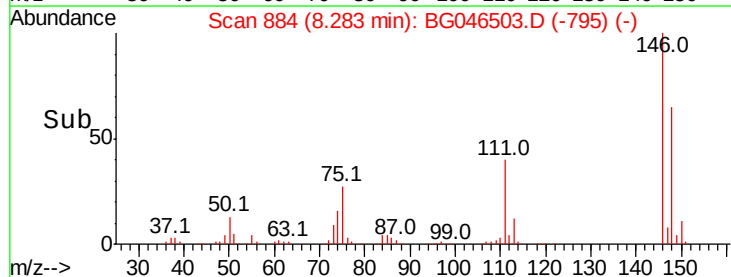
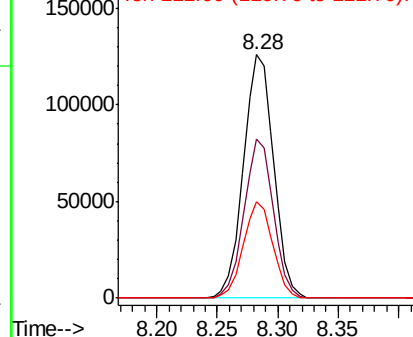


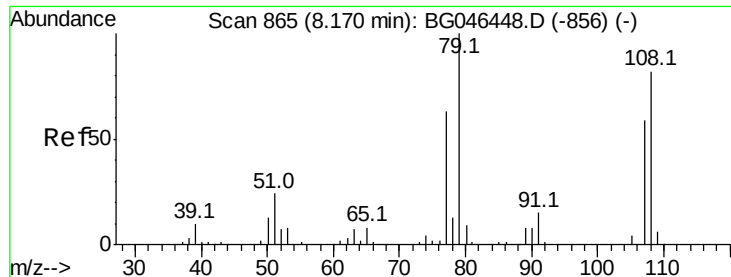
#14
 1,2-Dichlorobenzene
 Concen: 37.885 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion:146 Resp: 219440
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.4 77.0
 111 39.7 31.4 47.2



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

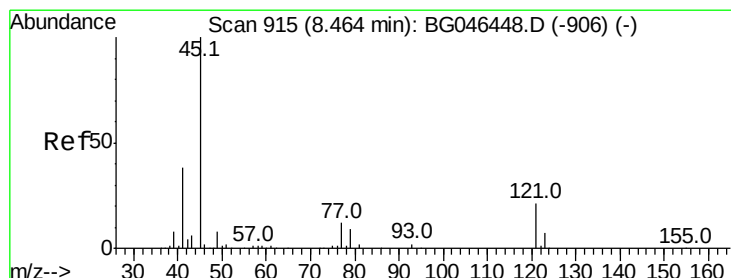
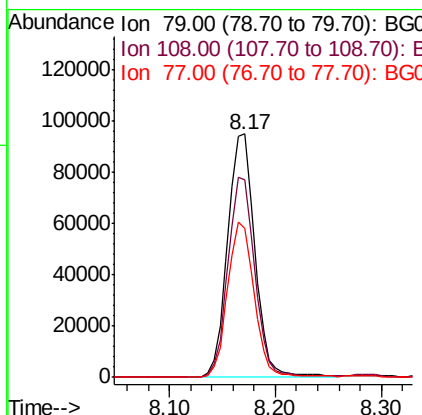
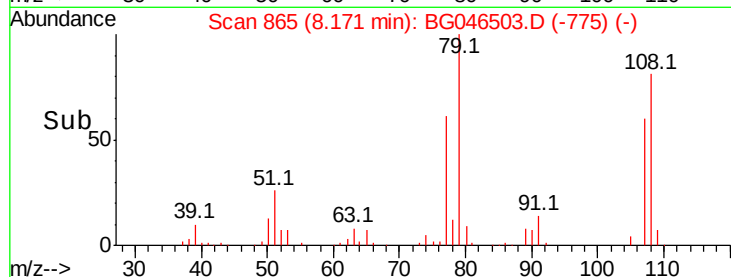
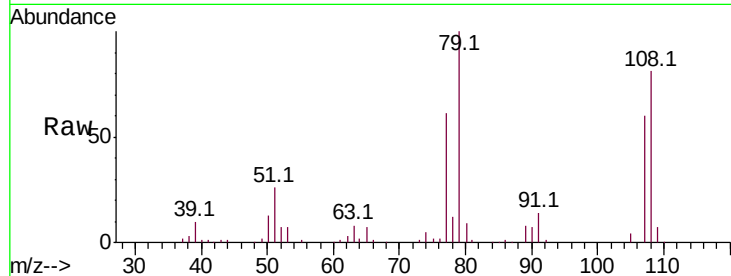




#15
Benzyl Alcohol
Concen: 41.408 ng
RT: 8.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

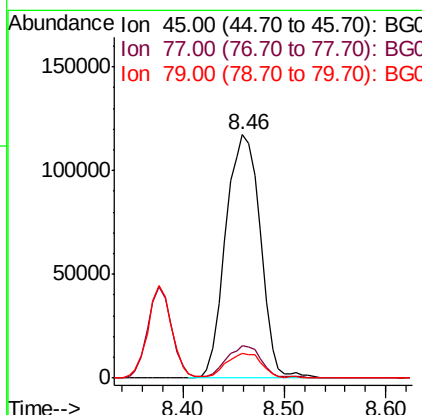
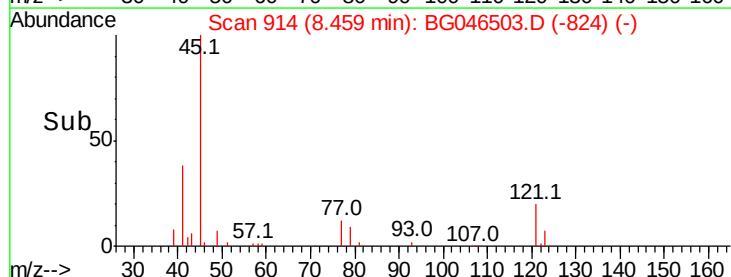
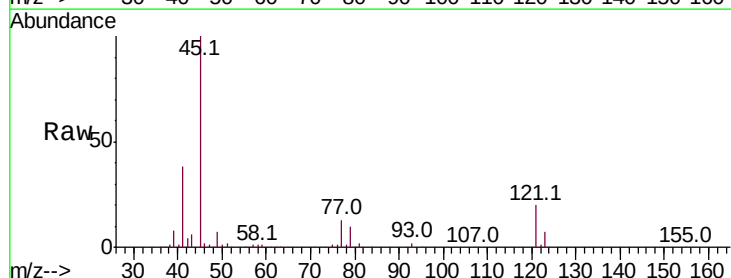
Instrument :
BNA_G
ClientSampleId :
PB131362BS

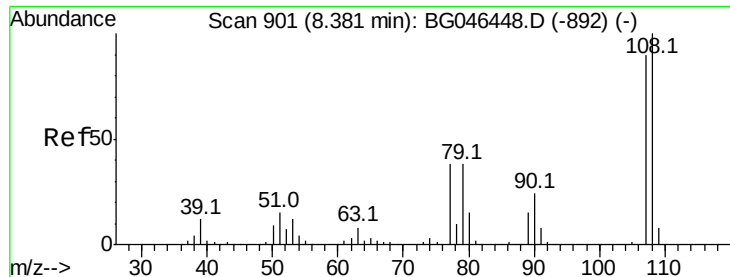
Tot Ion: 79 Resp: 169466
Ion Ratio Lower Upper
79 100
108 80.9 65.7 98.5
77 61.1 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.013 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion: 45 Resp: 278271
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.2
79 10.2 0.0 30.3

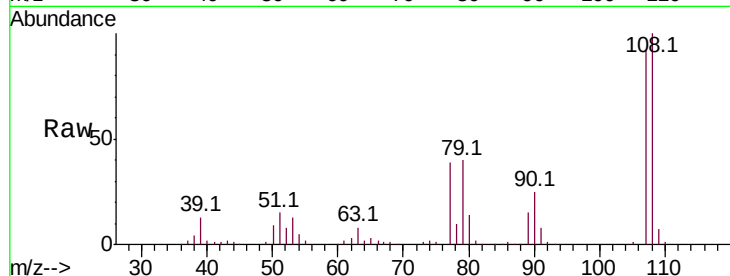




#17
2-Methylphenol
Concen: 41.608 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.7	89.4	134.0
77	42.6	34.5	51.7
79	43.0	33.8	50.6



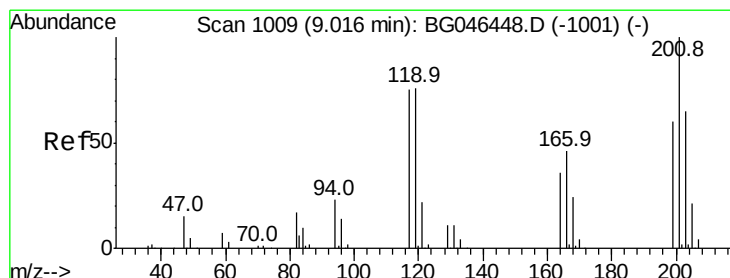
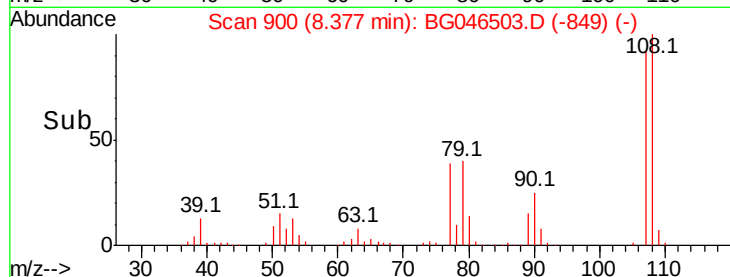
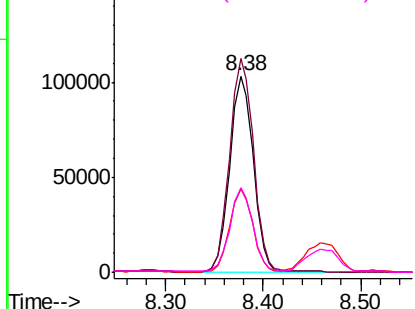
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

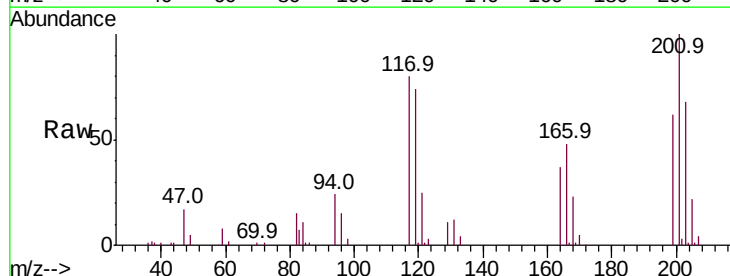
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.242 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	80.8	121.2
201	124.3	106.7	160.1

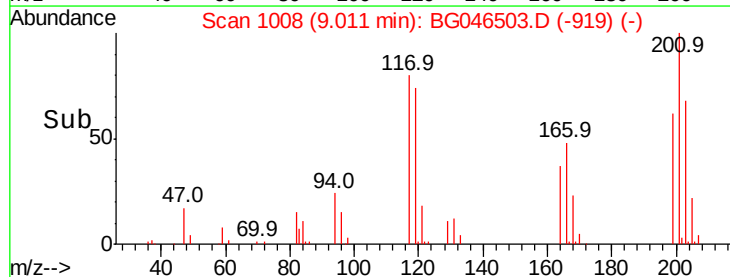
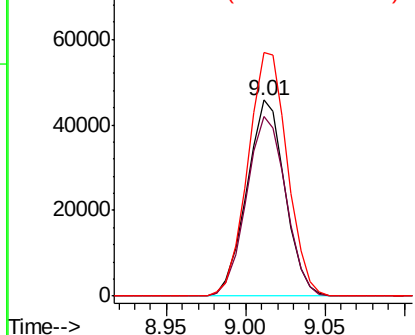


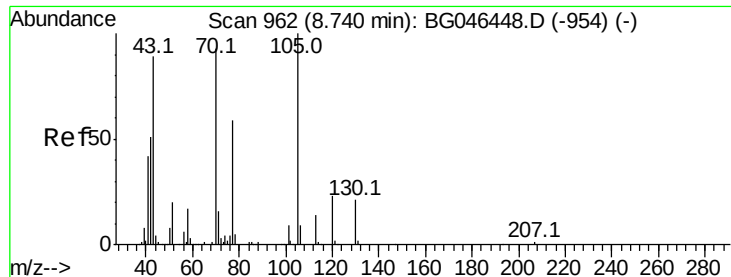
Abundance

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

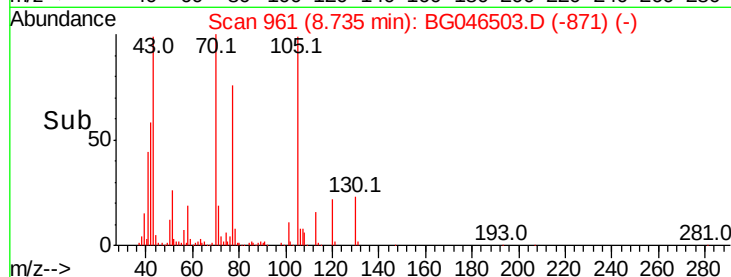
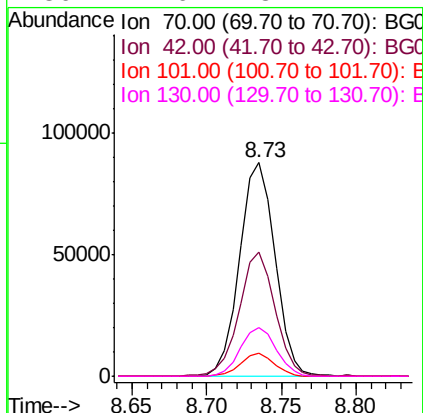
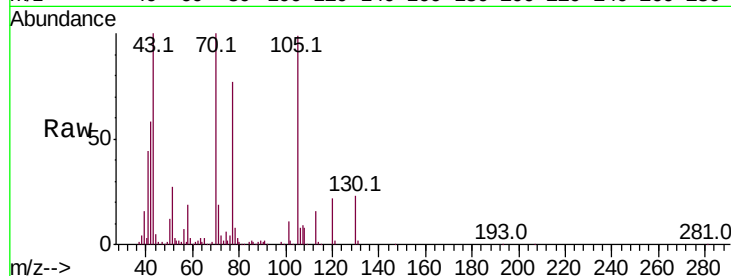




#19
n-Nitroso-di-n-propylamine
Concen: 37.936 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

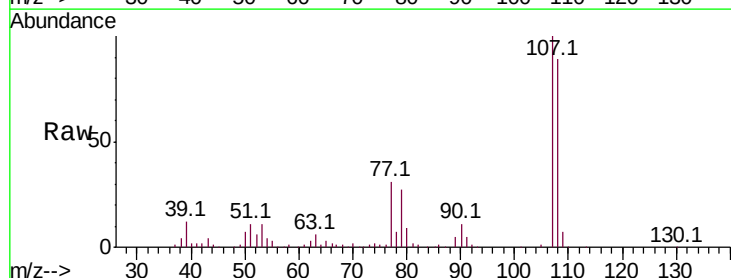
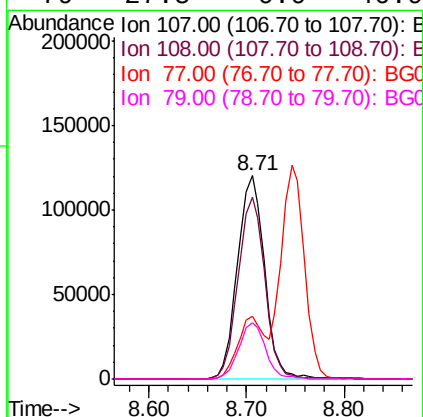
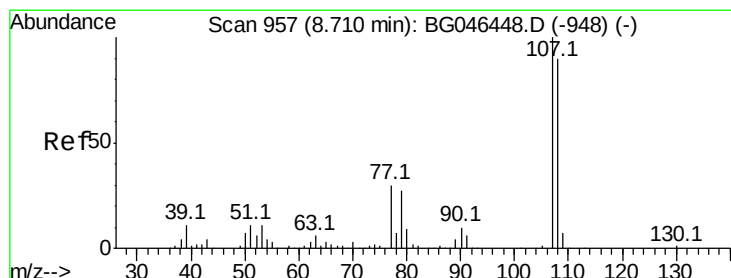
Instrument :
BNA_G
ClientSampleId :
PB131362BS

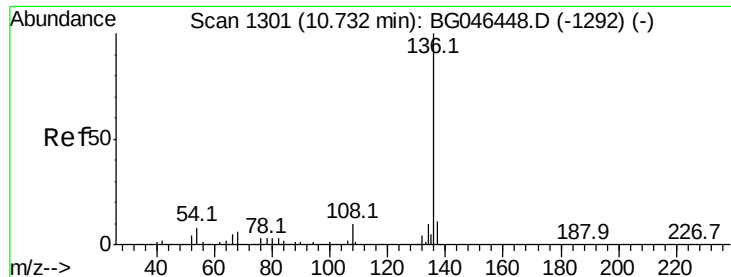
Tot Ion:	70	Resp:	144653
Ion	Ratio	Lower	Upper
70	100		
42	58.3	44.2	66.2
101	10.6	7.8	11.8
130	22.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.665 ng
RT: 8.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion:	107	Resp:	233715
Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.7	109.7
77	31.1	9.7	49.7
79	27.5	6.9	46.9

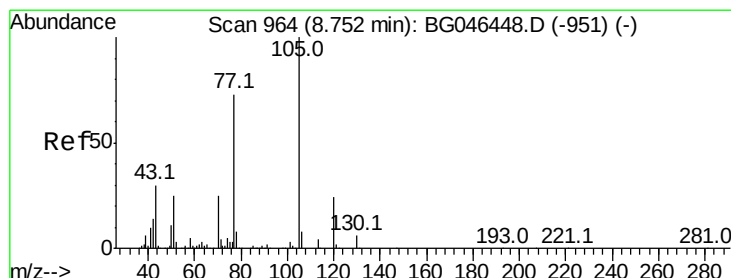
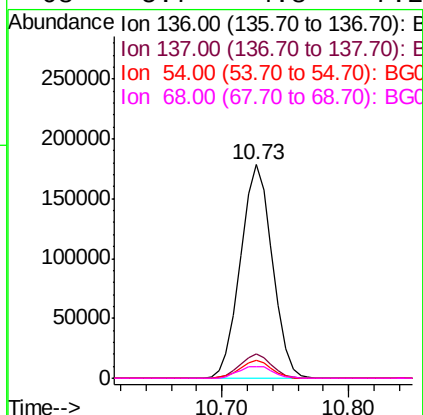
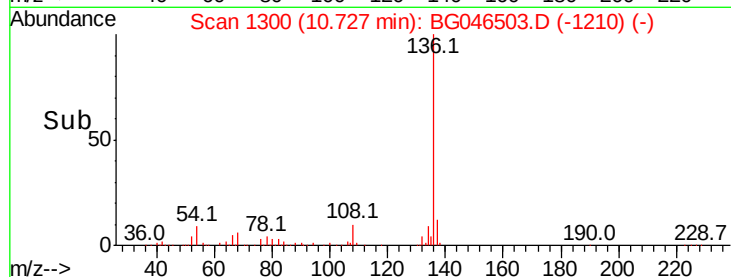
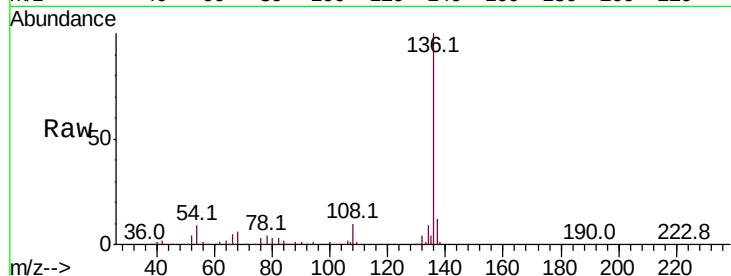




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

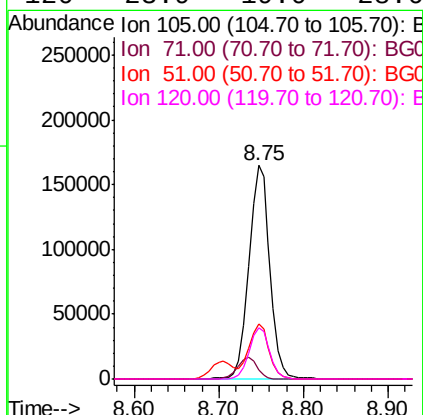
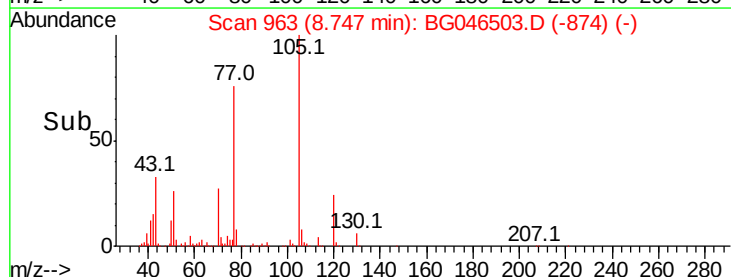
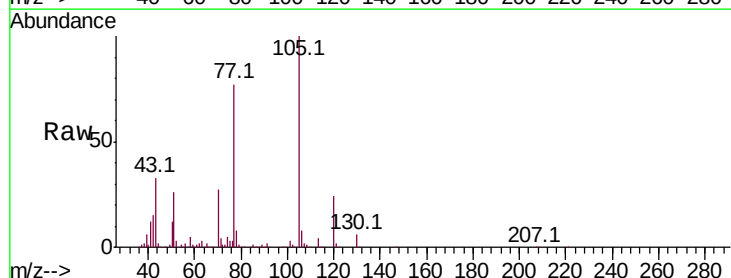
Instrument :
BNA_G
ClientSampleId :
PB131362BS

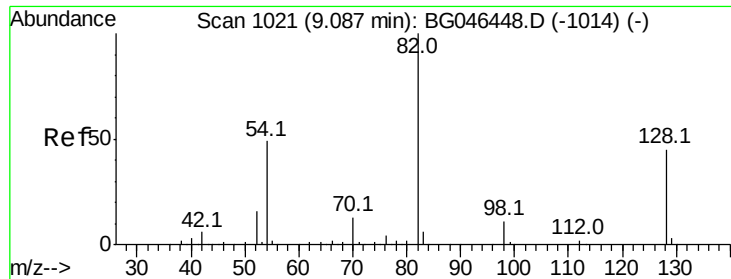
Tot Ion:136	Resp:	310650
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.8	13.2
54 8.7	6.1	9.1
68 5.7	4.8	7.2



#22
Acetophenone
Concen: 37.669 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt	Ion:105	Resp:	284850
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.3	4.9
51	26.0	20.6	31.0
120	23.9	19.0	28.6

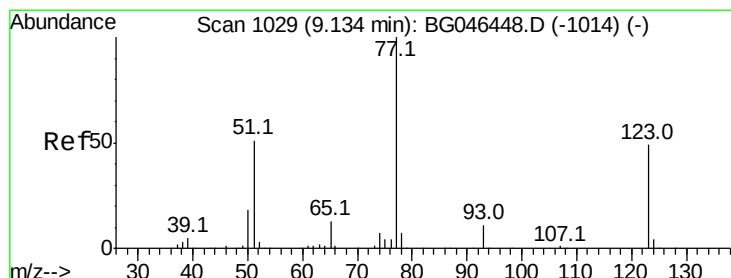
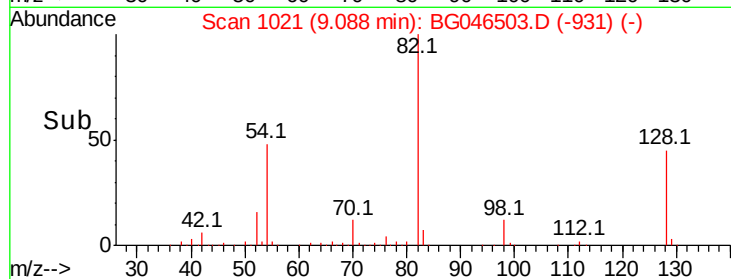
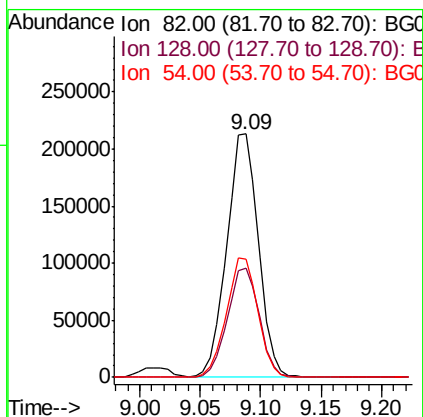
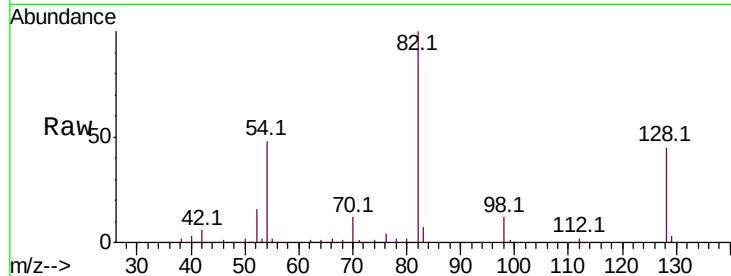




#23
 Nitrobenzene-d5
 Concen: 71.292 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

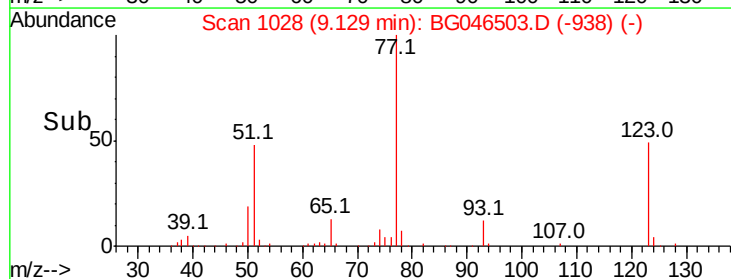
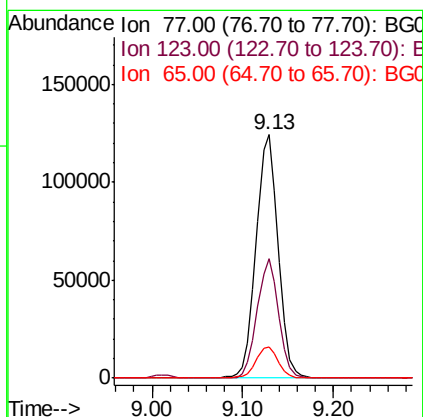
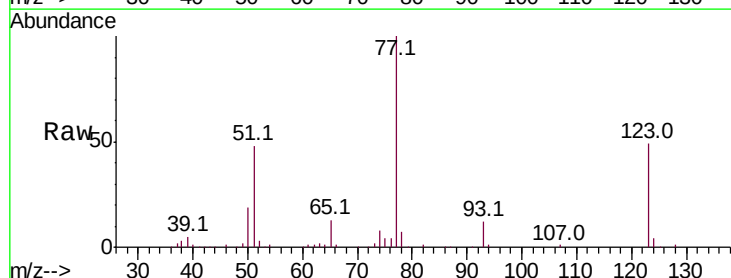
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

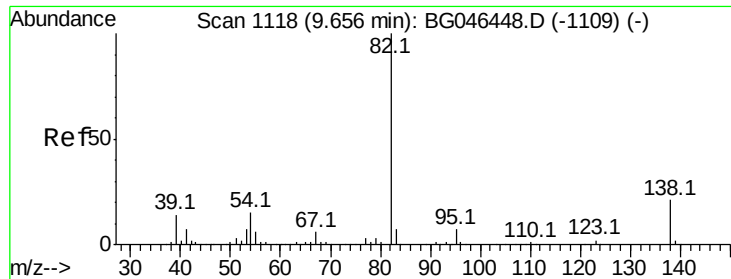
Tot Ion	82	Resp	387486
Ion Ratio	Lower	Upper	
82	100		
128	45.1	35.7	53.5
54	48.3	39.4	59.0



#24
 Nitrobenzene
 Concen: 38.994 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	77	Resp	209387
Ion Ratio	Lower	Upper	
77	100		
123	48.9	39.6	59.4
65	12.6	10.1	15.1





#25

Isophorone

Concen: 40.090 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

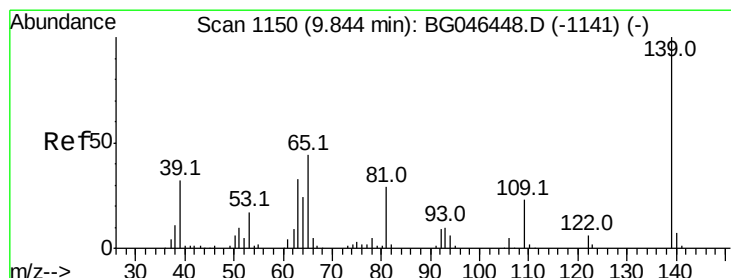
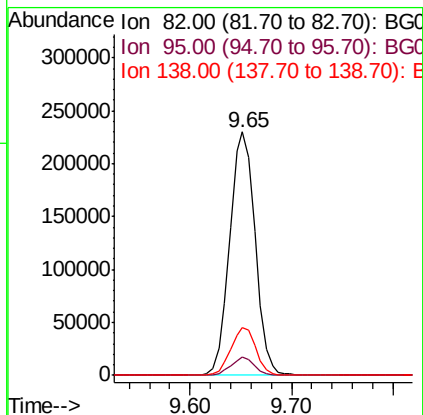
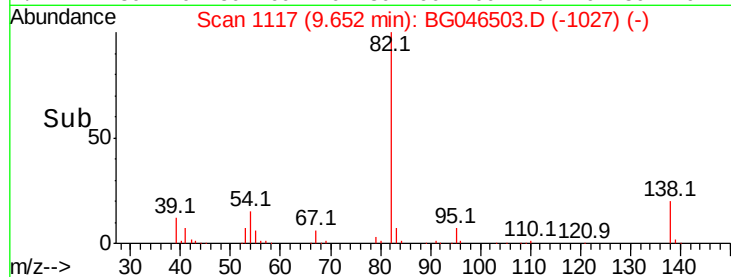
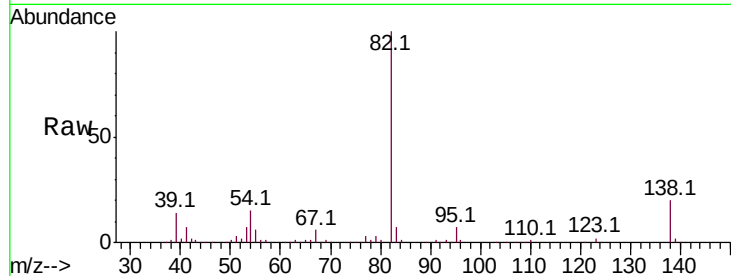
Tot Ion: 82 Resp: 399483

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 19.6 16.4 24.6



#26

2-Nitrophenol

Concen: 40.372 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

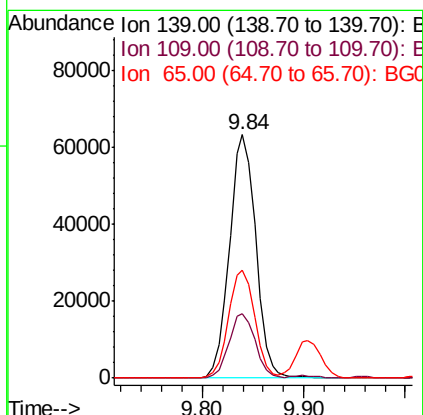
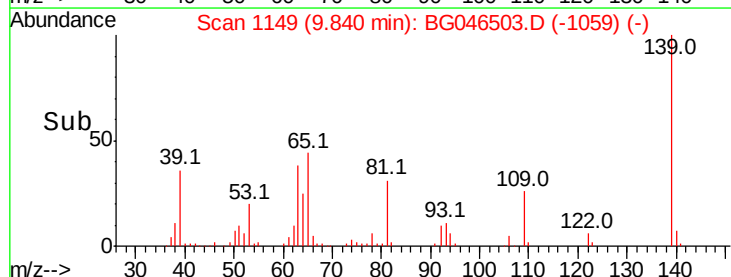
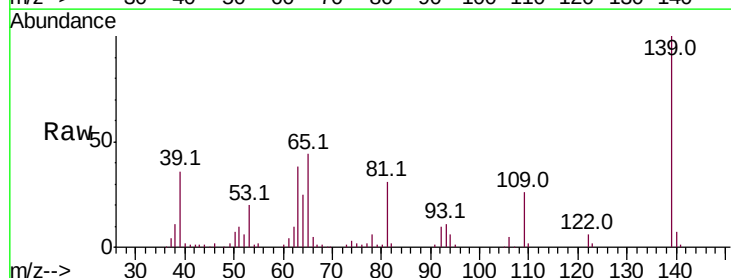
Tgt Ion: 139 Resp: 114378

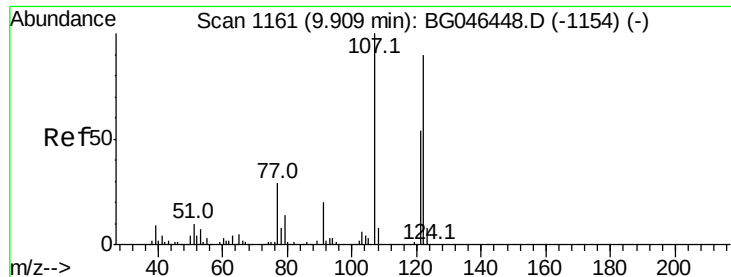
Ion Ratio Lower Upper

139 100

109 26.3 18.8 28.2

65 44.2 35.0 52.6

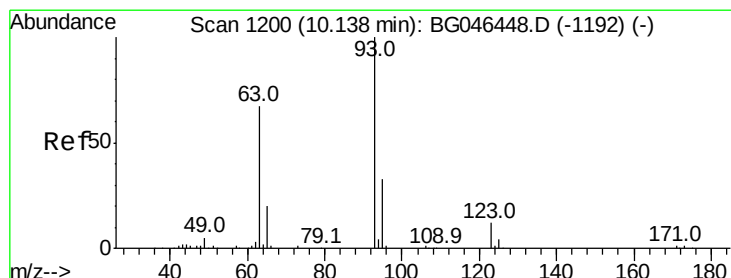
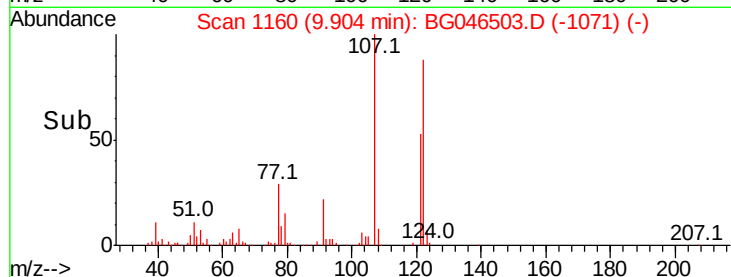
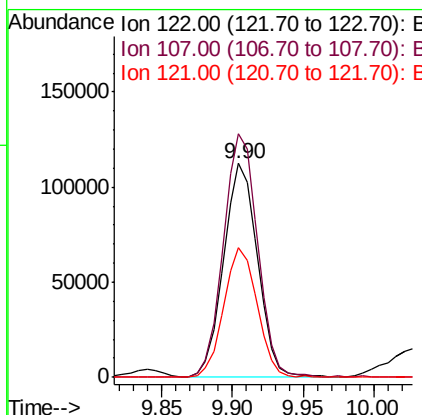
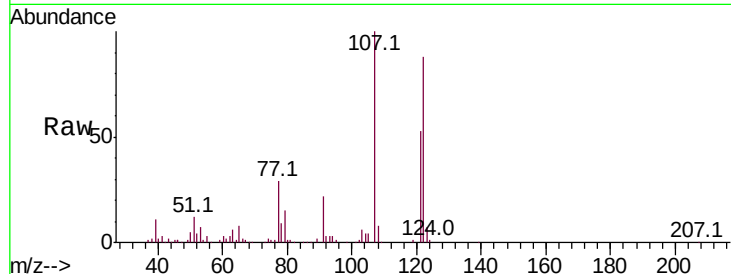




#27
 2,4-Dimethylphenol
 Concen: 47.754 ng
 RT: 9.90 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

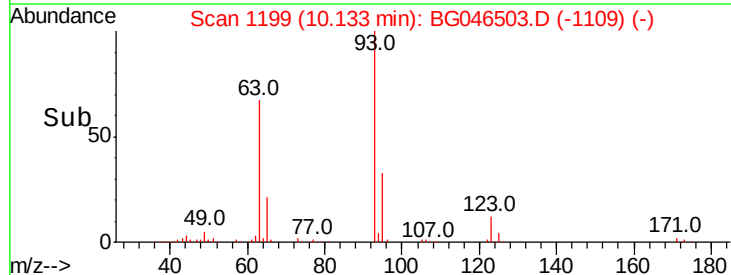
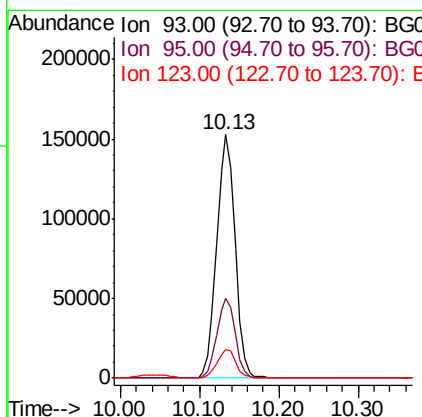
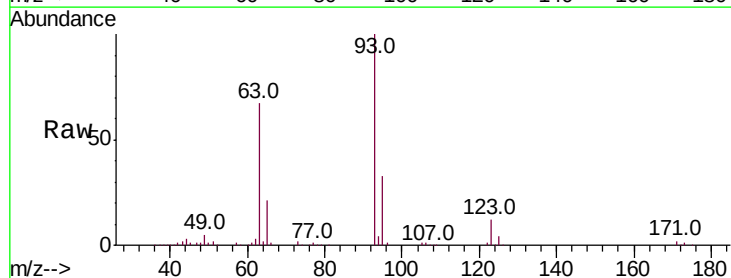
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

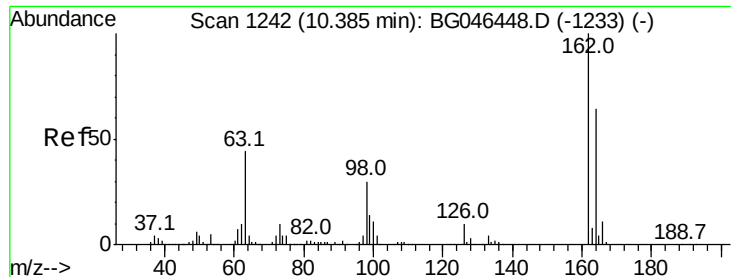
Tot Ion:122 Resp: 186079
 Ion Ratio Lower Upper
 122 100
 107 113.8 88.2 132.2
 121 60.7 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.203 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion: 93 Resp: 245025
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.1 39.1
 123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.046 ng

RT: 10.38 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

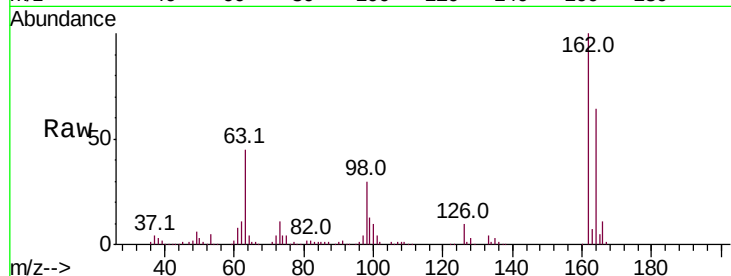
Tot Ion:162 Resp: 213215

Ion Ratio Lower Upper

162 100

164 64.1 44.3 84.3

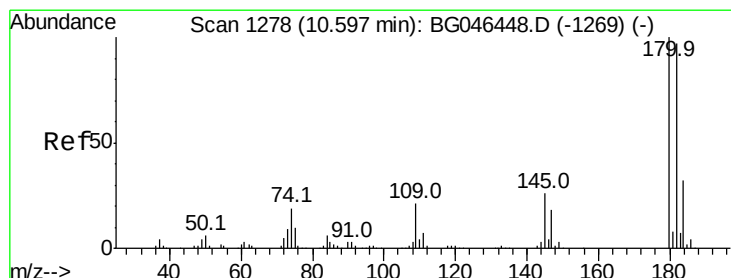
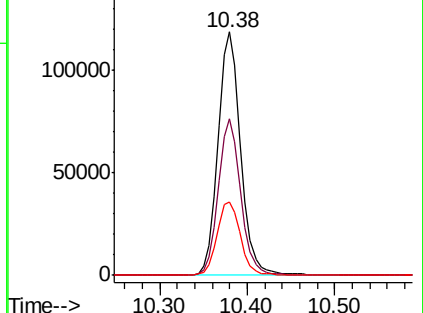
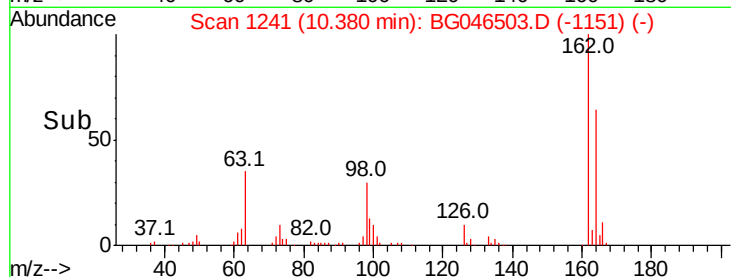
98 30.2 10.0 50.0



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 37.237 ng

RT: 10.59 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

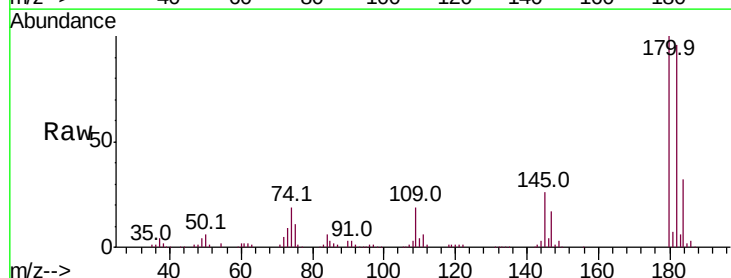
Tgt Ion:180 Resp: 229501

Ion Ratio Lower Upper

180 100

182 96.3 77.8 116.8

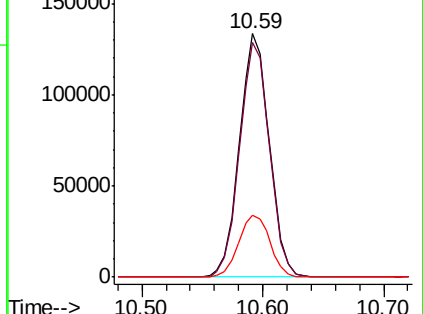
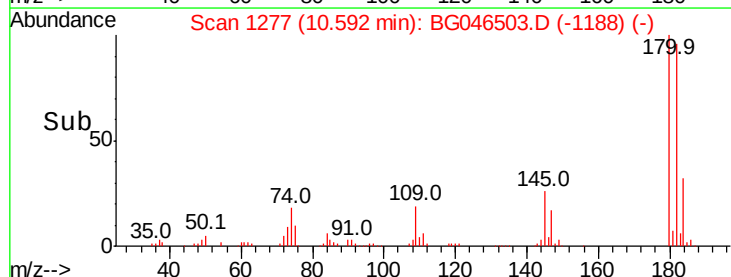
145 25.6 20.9 31.3

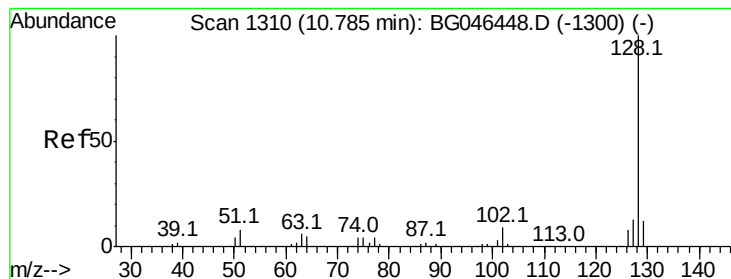


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.717 ng

RT: 10.78 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

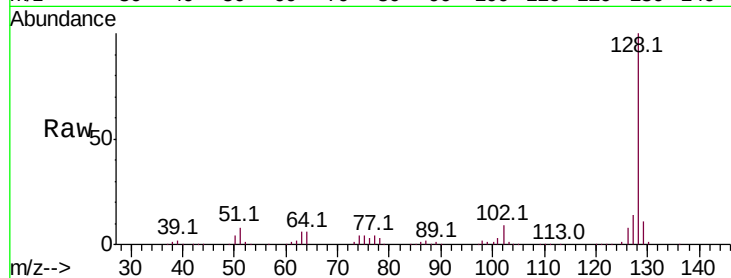
Tot Ion:128 Resp: 587252

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

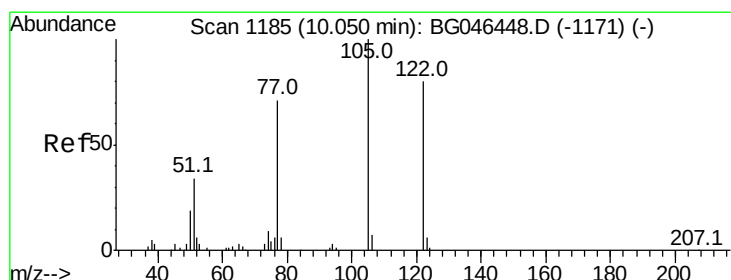
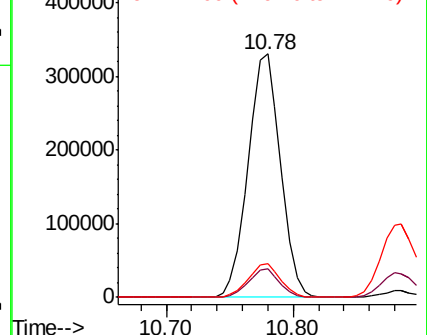
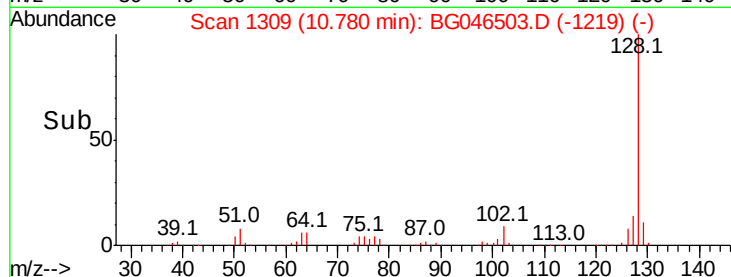
127 14.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.992 ng

RT: 10.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

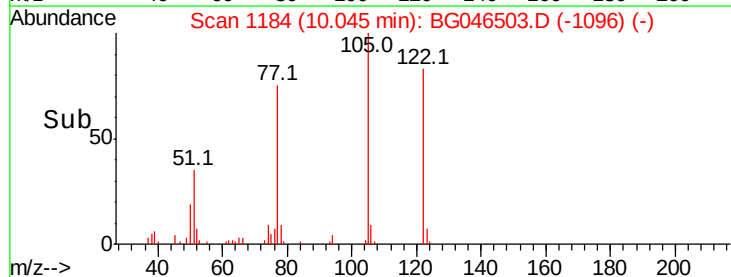
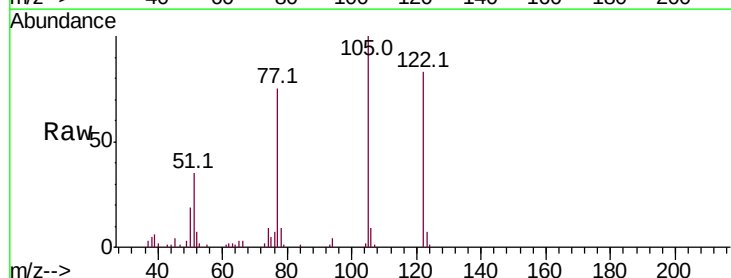
Tgt Ion:122 Resp: 73381

Ion Ratio Lower Upper

122 100

105 120.5 102.5 142.5

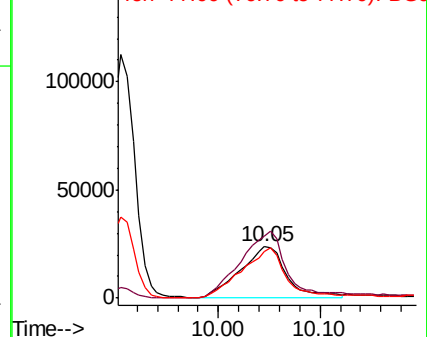
77 90.4 68.2 108.2

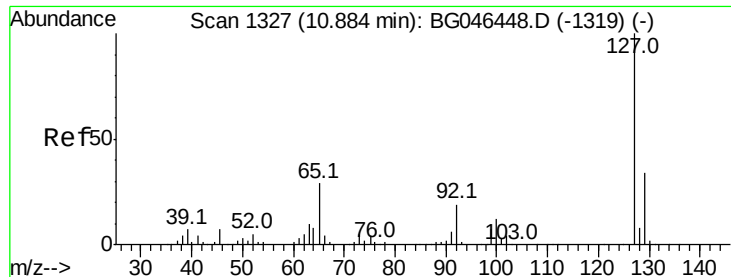


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

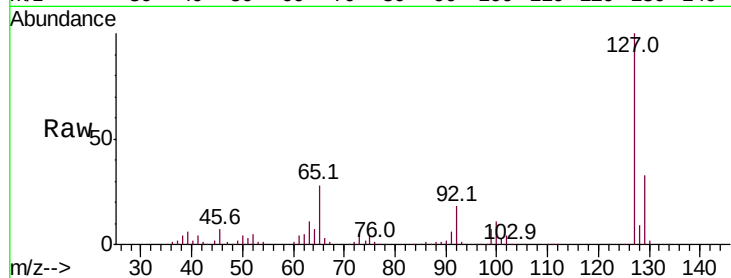




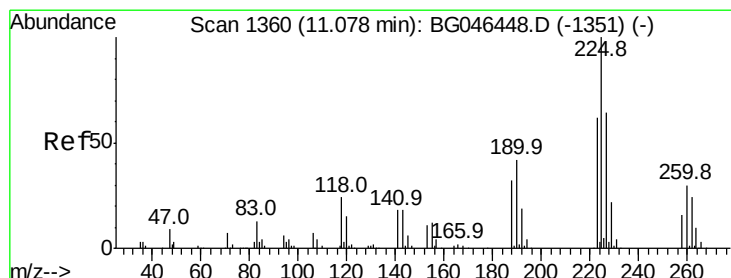
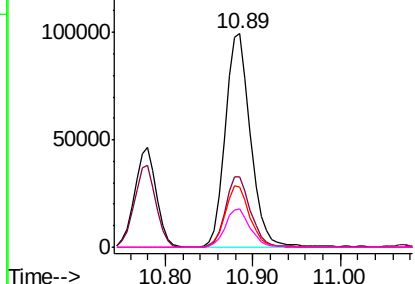
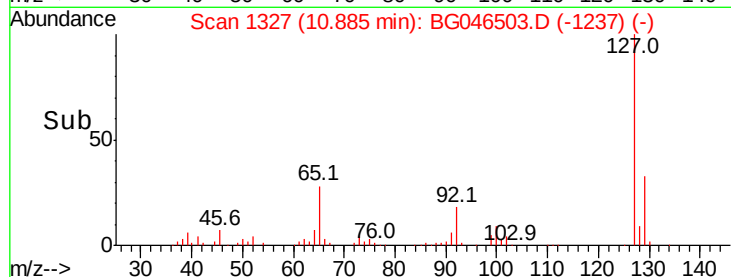
#33
4-Chloroaniline
Concen: 29.331 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion:	127	Resp:	196178
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4
65	28.0	23.5	35.3
92	18.1	14.9	22.3

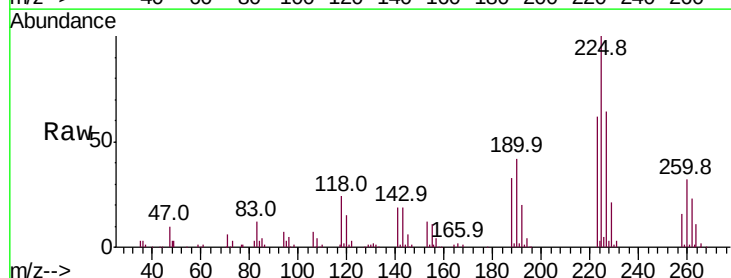


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

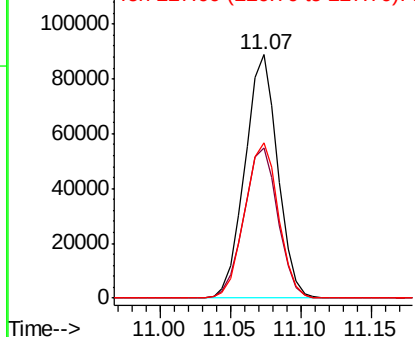
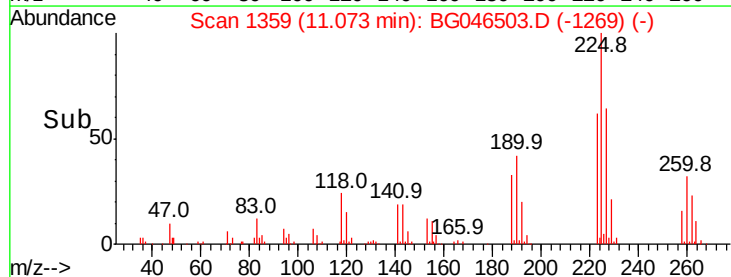


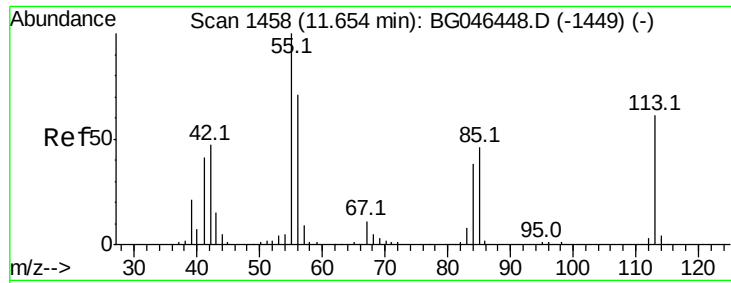
#34
Hexachlorobutadiene
Concen: 36.075 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion:	225	Resp:	144335
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.9	74.9
227	63.8	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: 20.942 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

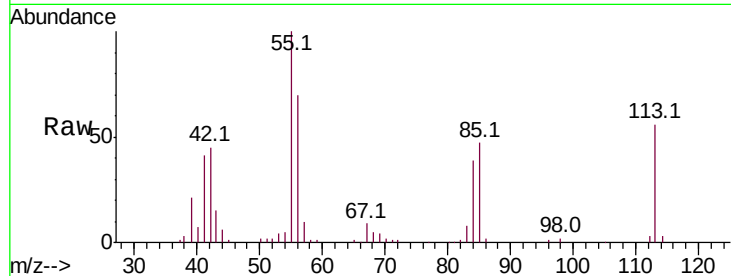
Tot Ion:113 Resp: 40664

Ion Ratio Lower Upper

113 100

55 177.1 144.2 184.2

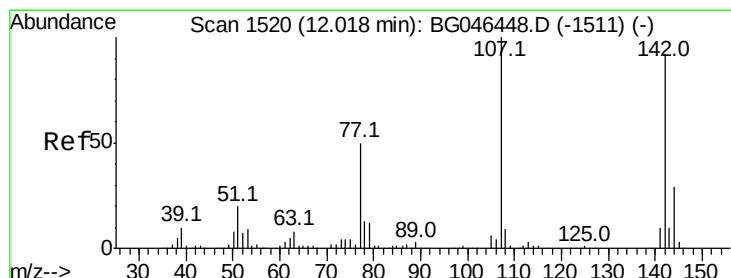
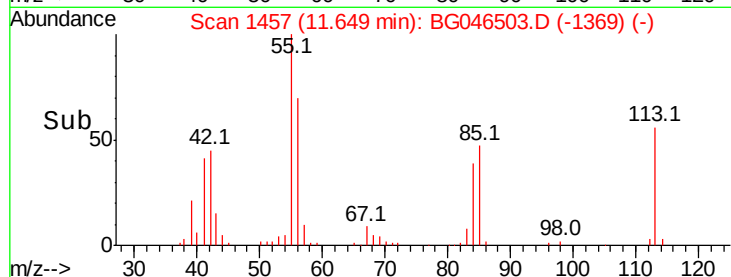
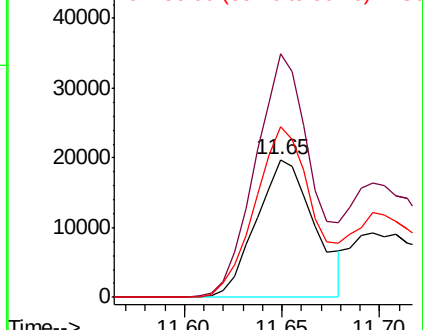
56 124.0 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.969 ng

RT: 12.01 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

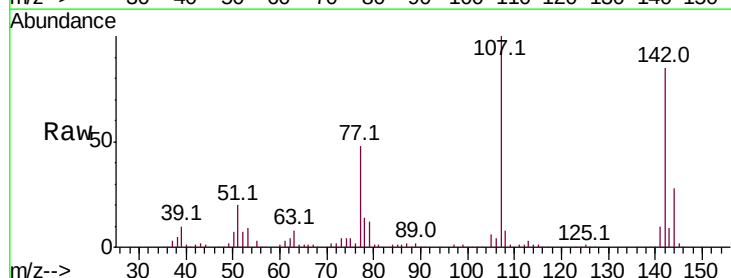
Tgt Ion:107 Resp: 208146

Ion Ratio Lower Upper

107 100

144 28.0 23.3 34.9

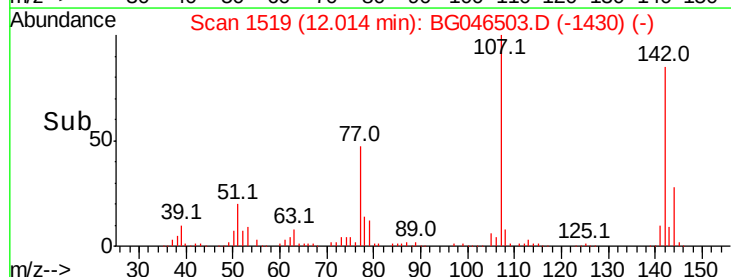
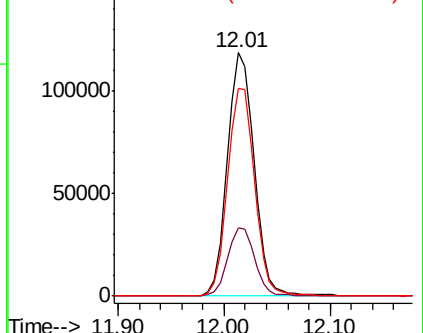
142 85.3 73.7 110.5

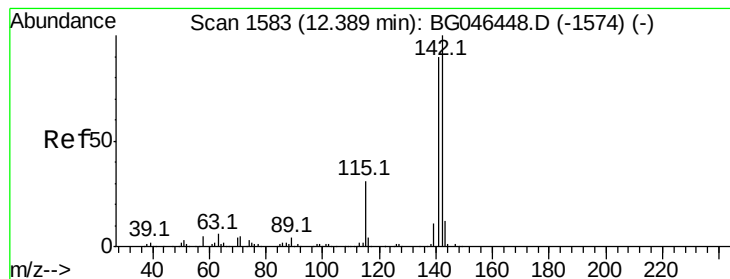


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.700 ng

RT: 12.38 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

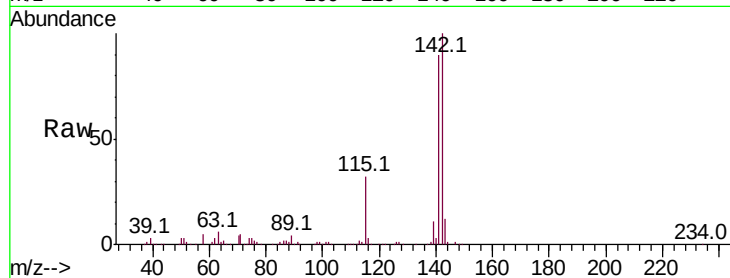
Tot Ion:142 Resp: 462953

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1

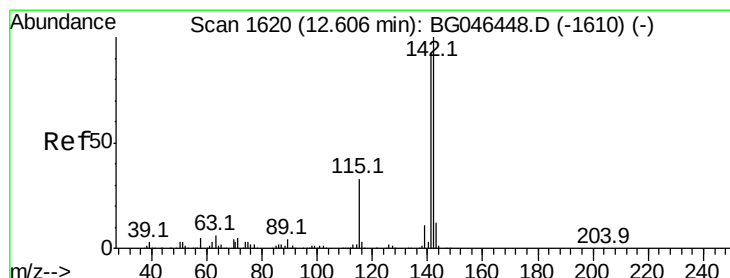
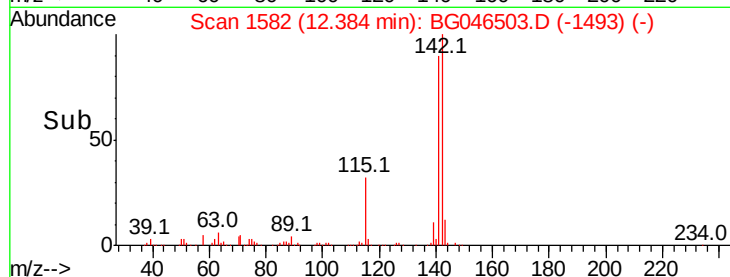
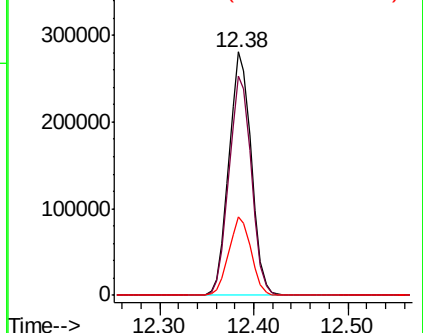
115 32.2 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.840 ng

RT: 12.61 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

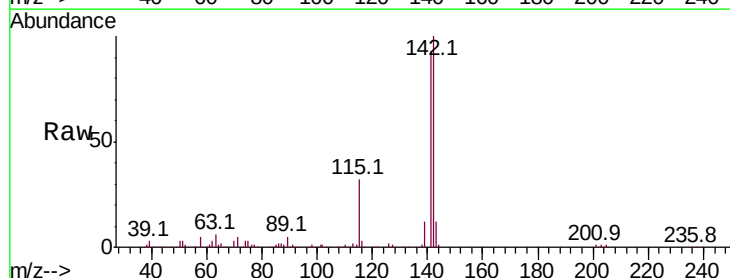
Tgt Ion:142 Resp: 440110

Ion Ratio Lower Upper

142 100

141 93.2 74.7 112.1

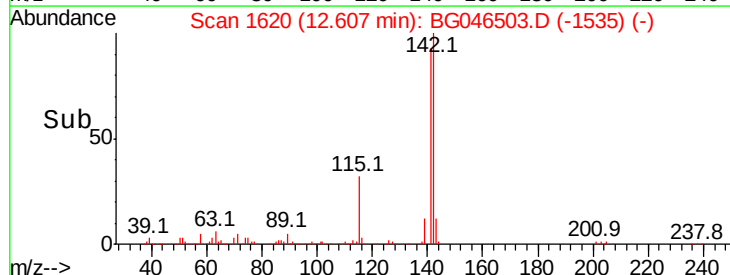
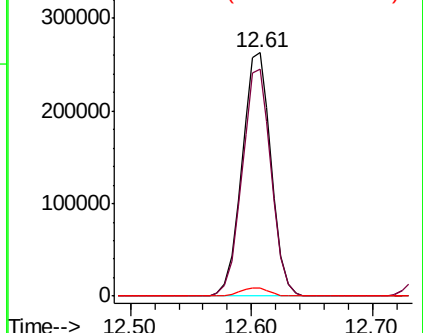
116 3.3 2.6 4.0

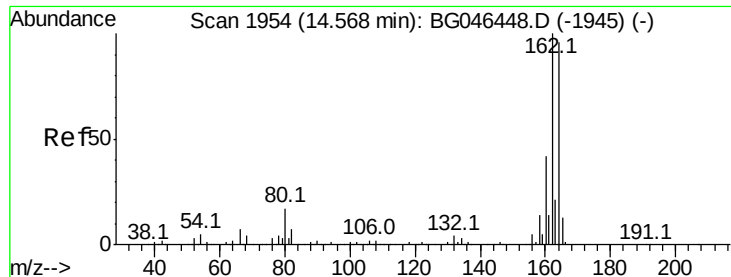


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

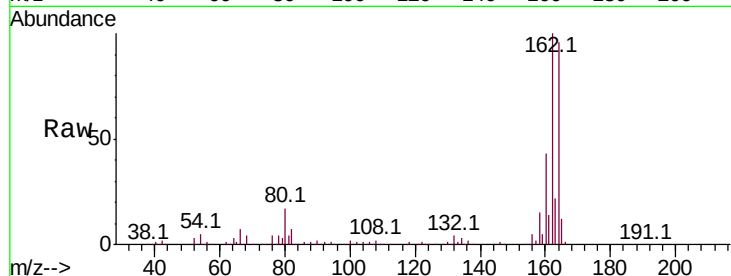
Tot Ion:164 Resp: 209258

Ion Ratio Lower Upper

164 100

162 103.9 83.3 124.9

160 44.7 35.0 52.6

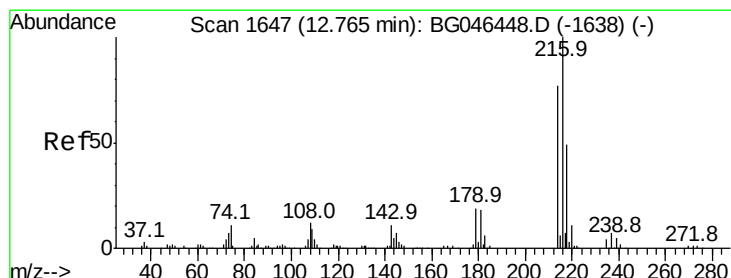
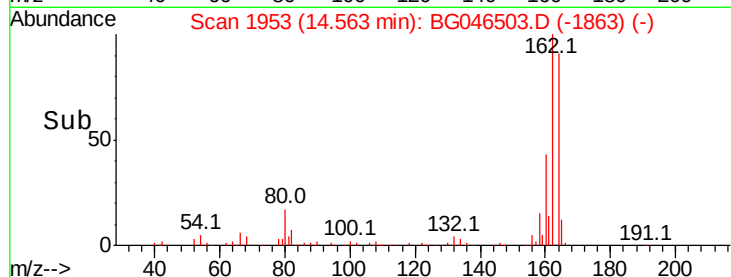
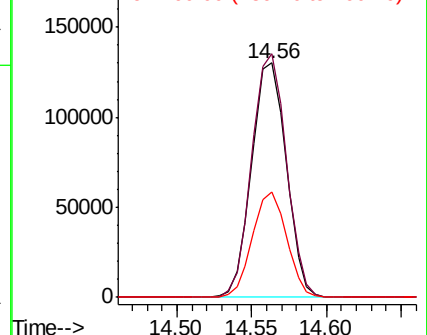


Abundance

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: 39.576 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Tgt Ion:216 Resp: 273100

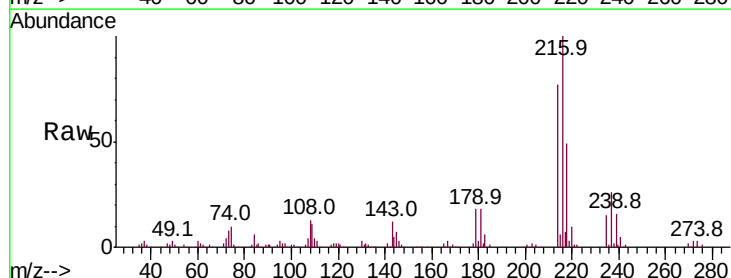
Ion Ratio Lower Upper

216 100

214 77.7 62.1 93.1

179 18.8 14.9 22.3

108 15.0 10.5 15.7



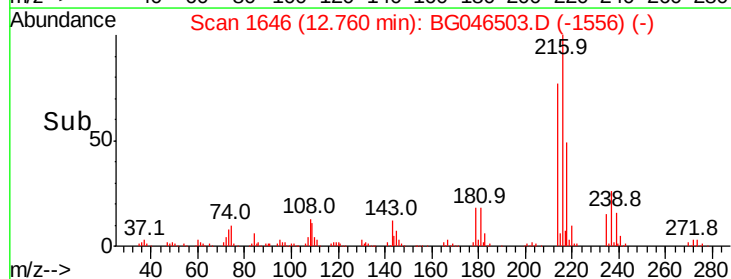
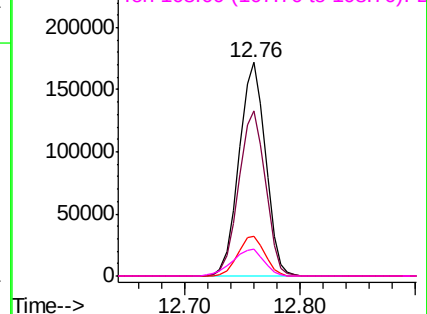
Abundance

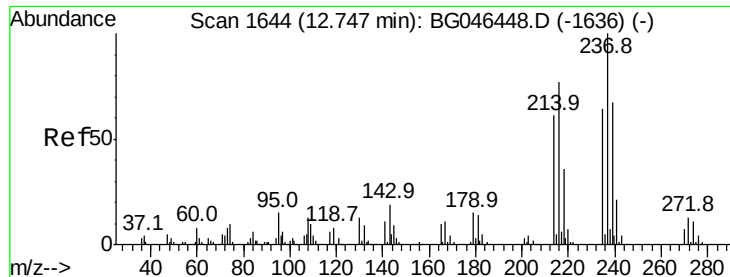
Ion 216.00 (215.70 to 216.70): E

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

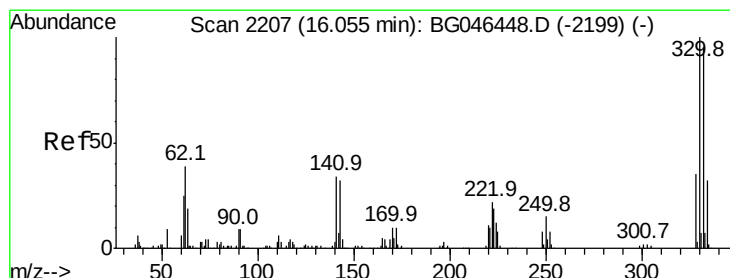
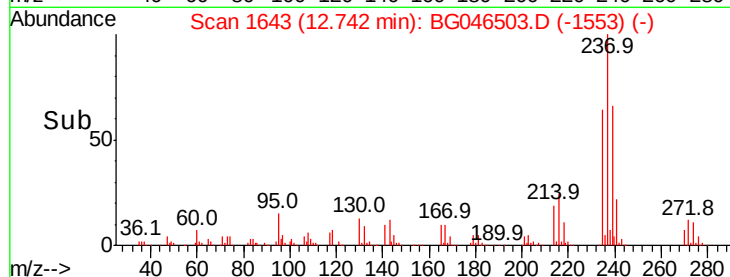
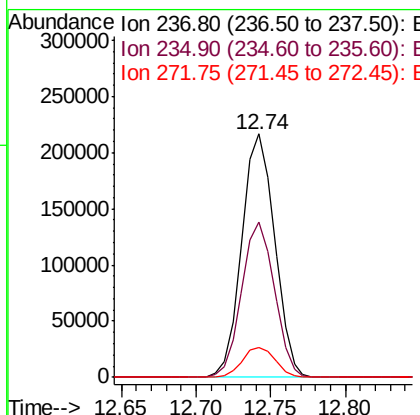
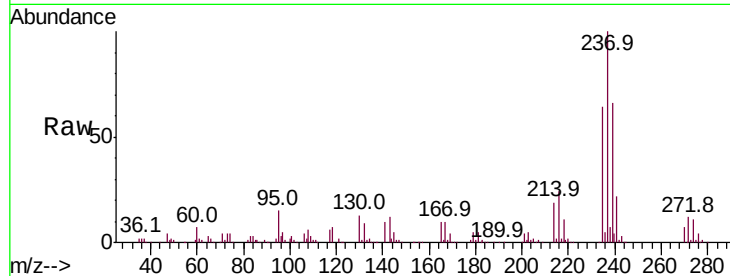




#41
Hexachlorocyclopentadiene
Concen: 110.264 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

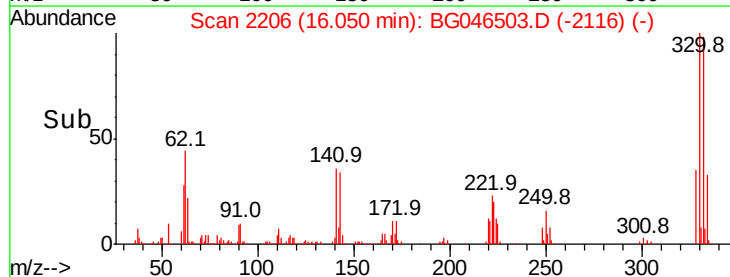
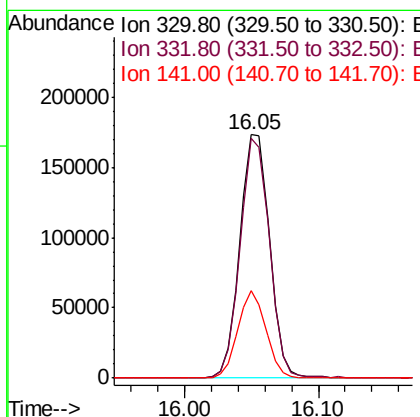
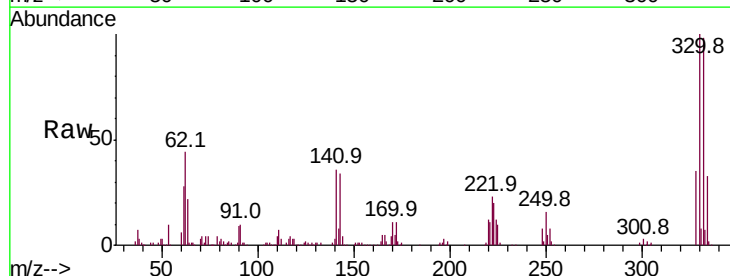
Instrument :
BNA_G
ClientSampleId :
PB131362BS

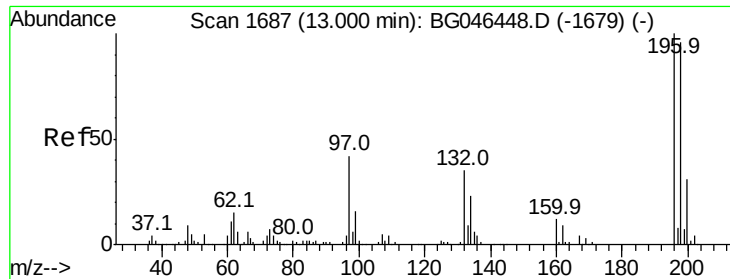
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.5	84.5
272	12.3	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 94.234 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.1	114.1
141	34.0	26.1	39.1

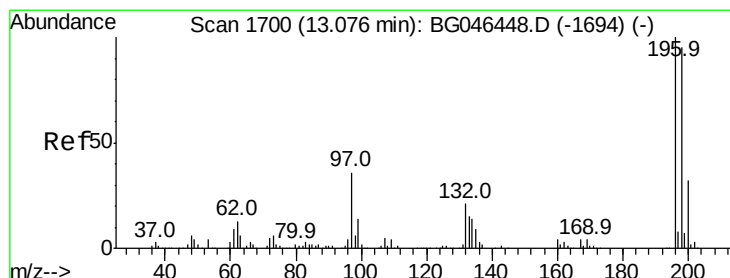
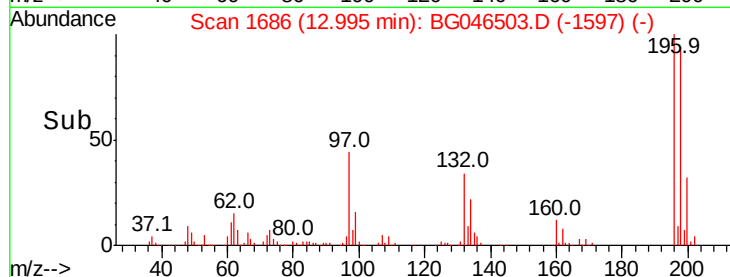
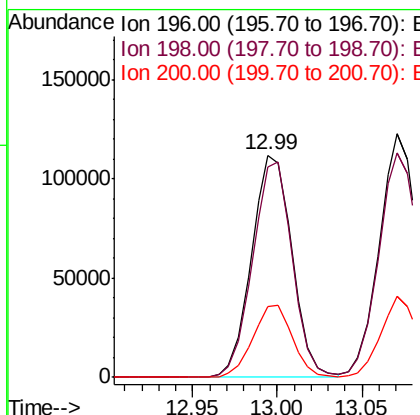
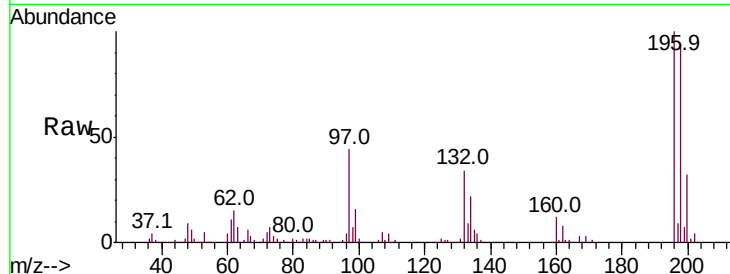




#43
 2,4,6-Trichlorophenol
 Concen: 39.975 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

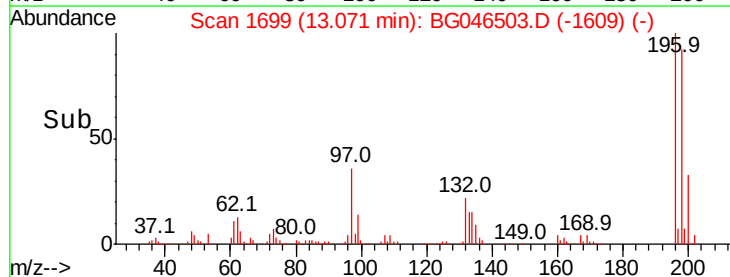
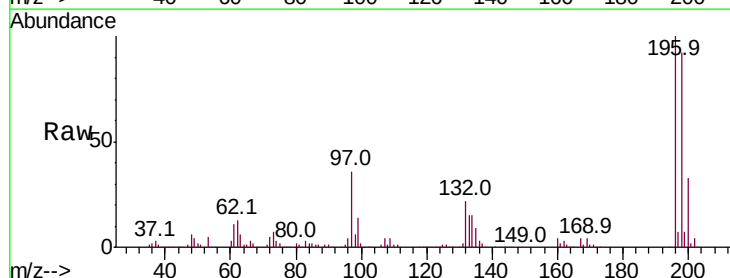
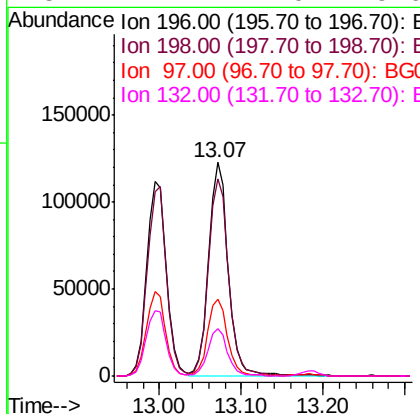
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

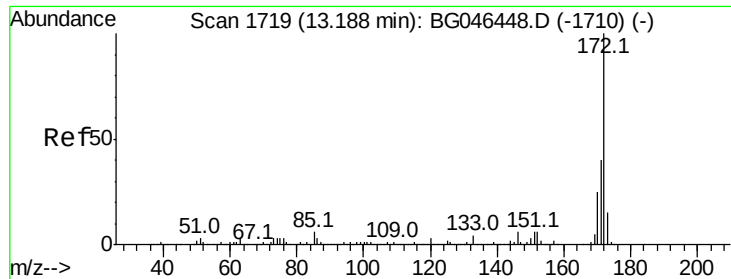
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.0	115.6
200	31.8	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.543 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.6	113.4
97	35.9	28.6	43.0
132	22.1	17.0	25.6

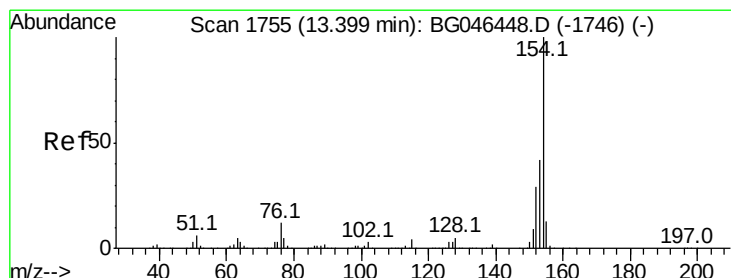
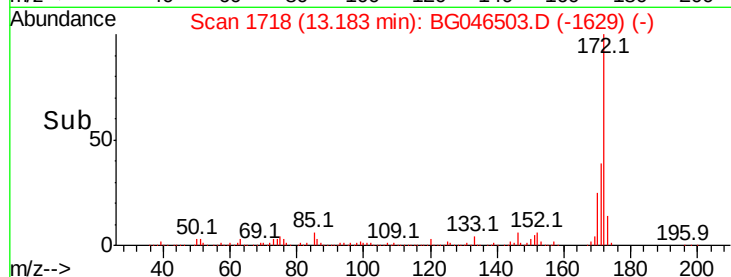
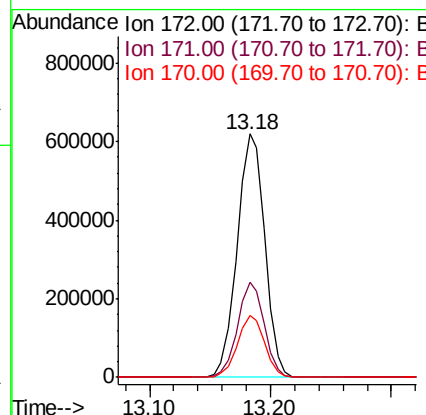
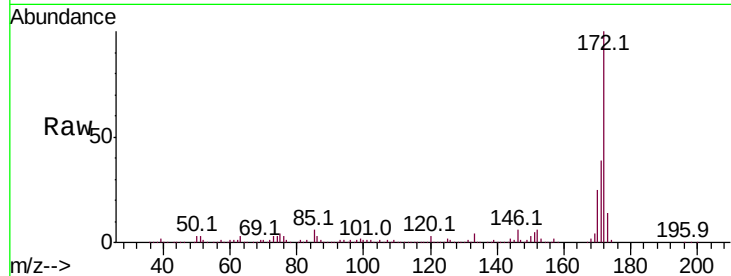




#45
 2-Fluorobiphenyl
 Concen: 71.733 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

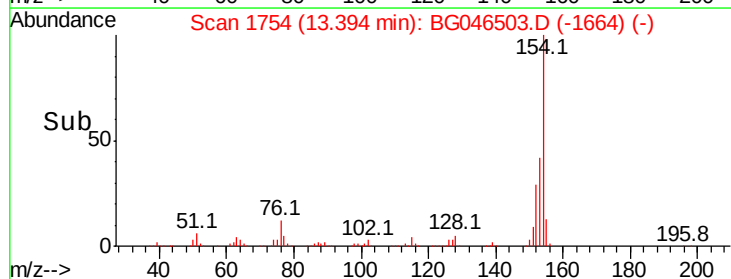
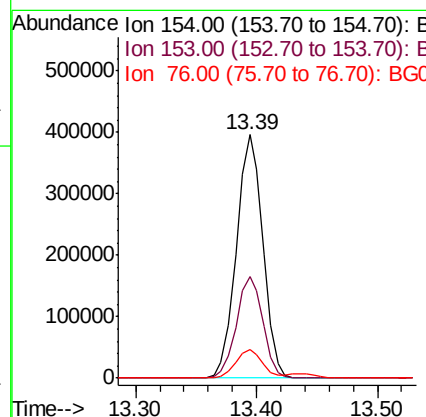
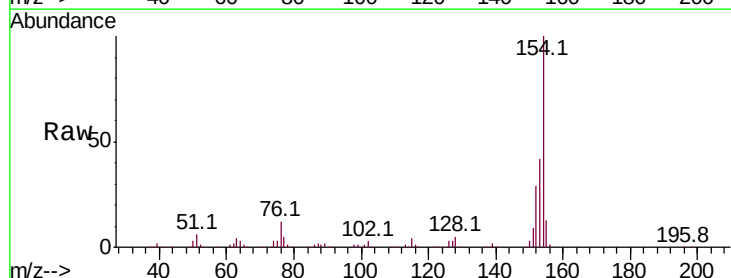
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

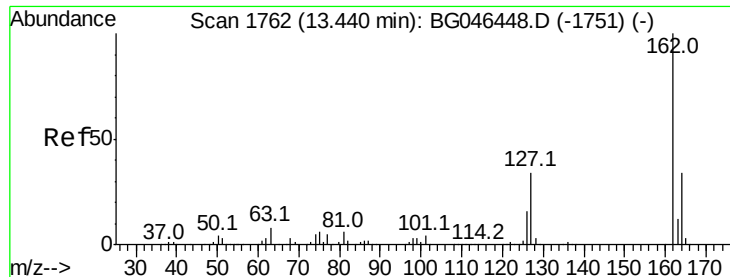
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.8	47.6
170	25.4	20.3	30.5



#46
 1,1'-Biphenyl
 Concen: 41.374 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.0	62.0
76	12.0	0.0	32.3

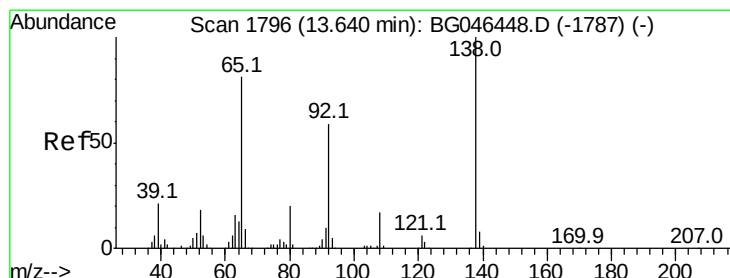
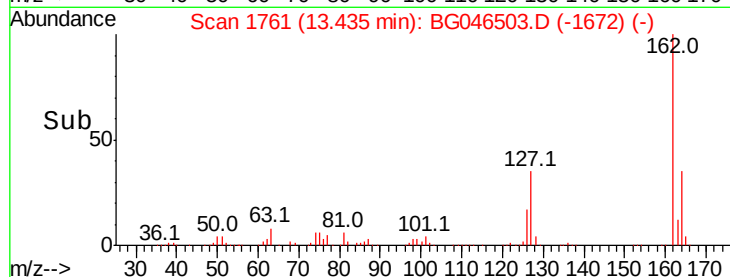
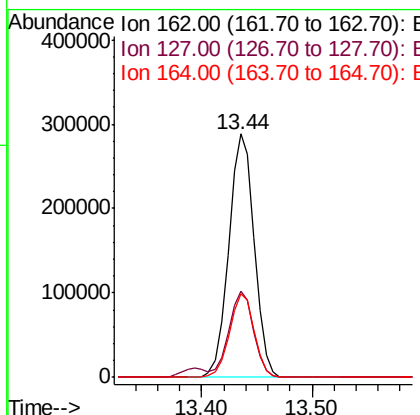
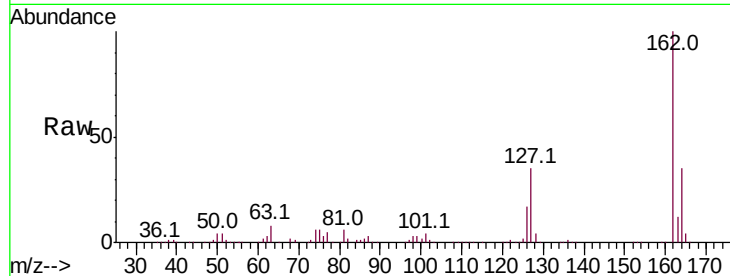




#47
 2-Chloronaphthalene
 Concen: 37.528 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

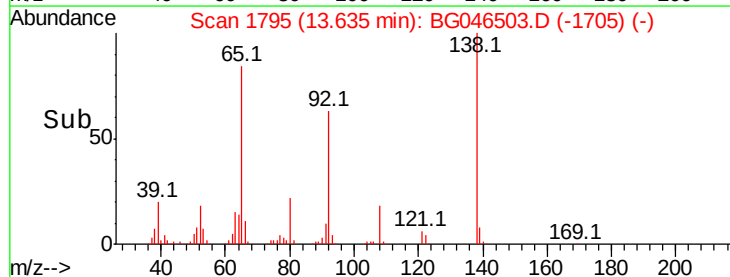
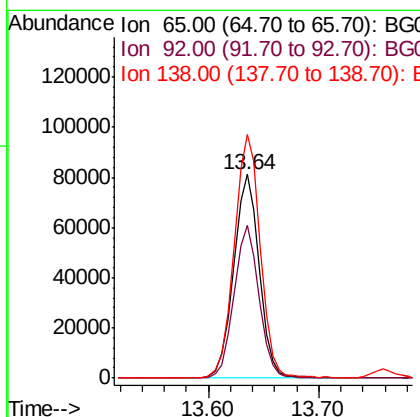
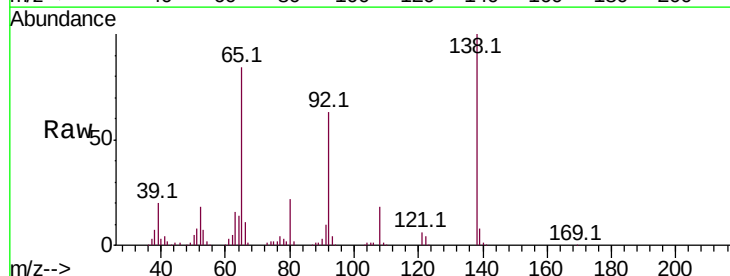
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

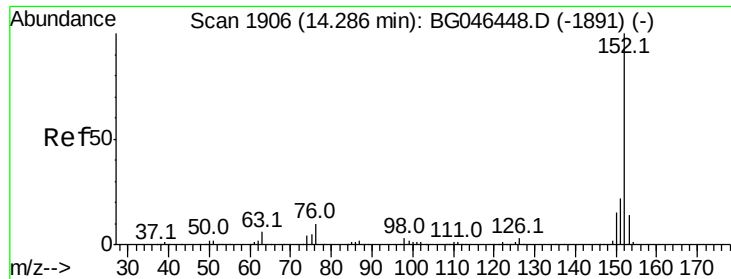
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.2	27.6	41.4
164	34.6	27.3	40.9



#48
 2-Nitroaniline
 Concen: 38.587 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	58.5	87.7
138	119.6	98.4	147.6





#49

Acenaphthylene

Concen: 40.255 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

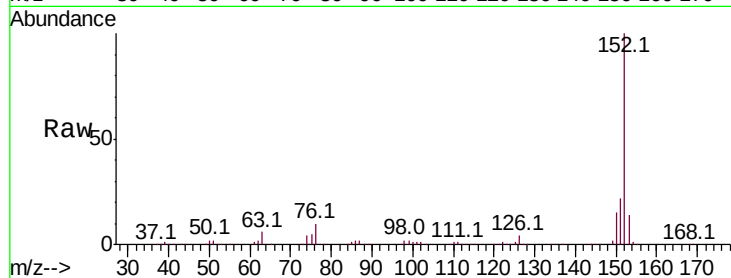
Tot Ion:152 Resp: 753770

Ion Ratio Lower Upper

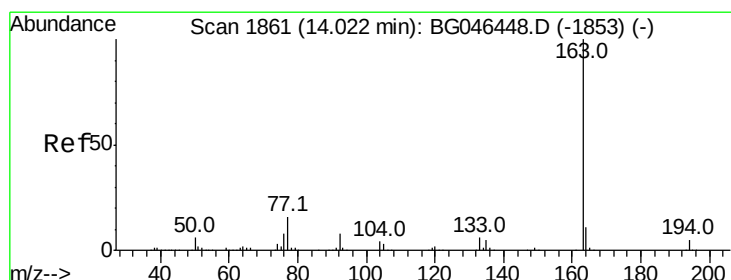
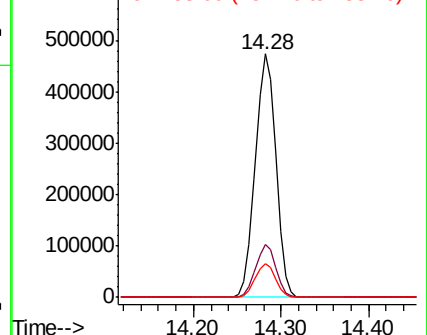
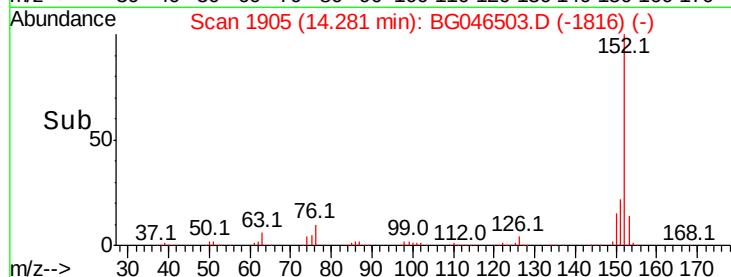
152 100

151 21.7 17.7 26.5

153 13.9 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: 38.092 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

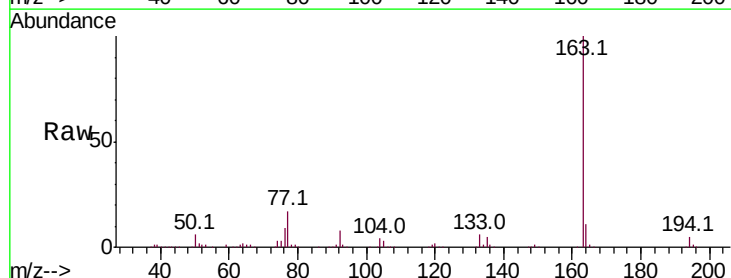
Tgt Ion:163 Resp: 616679

Ion Ratio Lower Upper

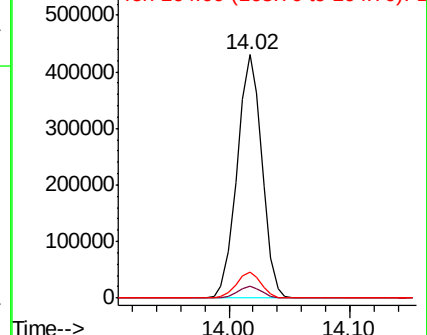
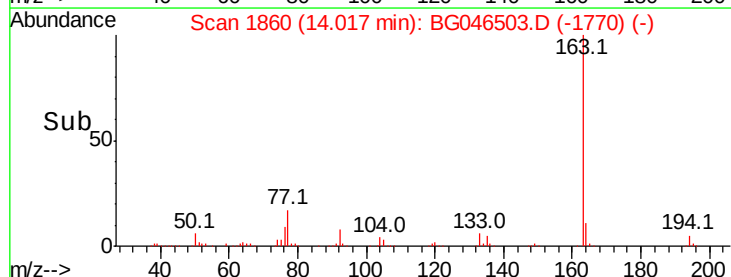
163 100

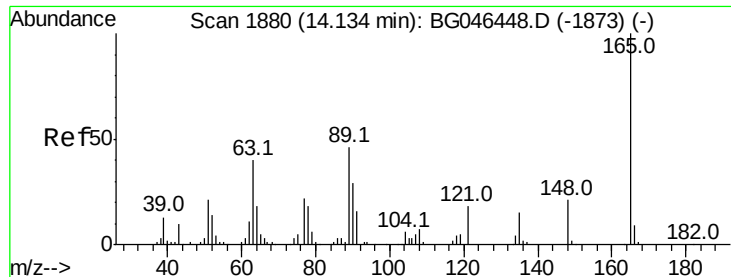
194 4.8 3.7 5.5

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

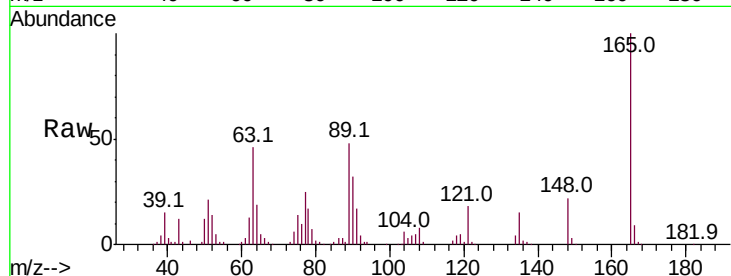




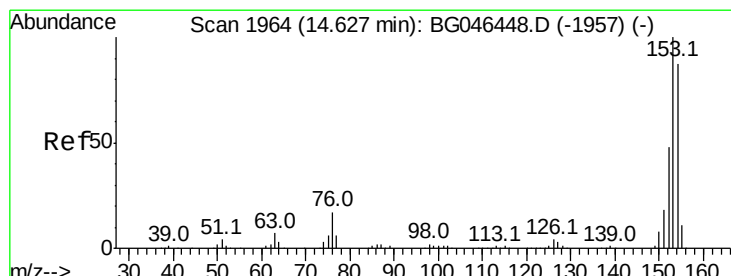
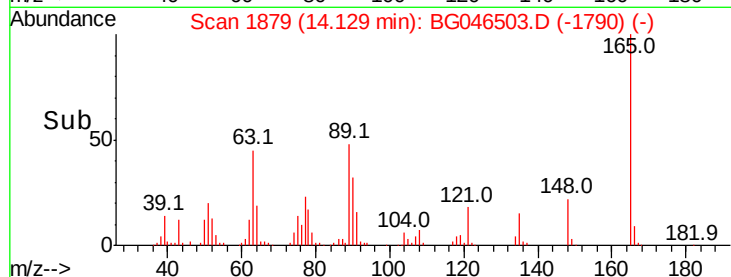
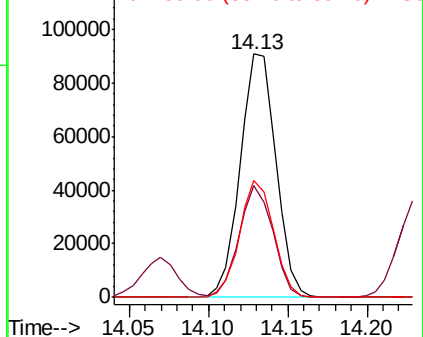
#51
2,6-Dinitrotoluene
Concen: 39.851 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion:165 Resp: 142215
Ion Ratio Lower Upper
165 100
63 45.9 34.2 51.4
89 47.8 37.0 55.4

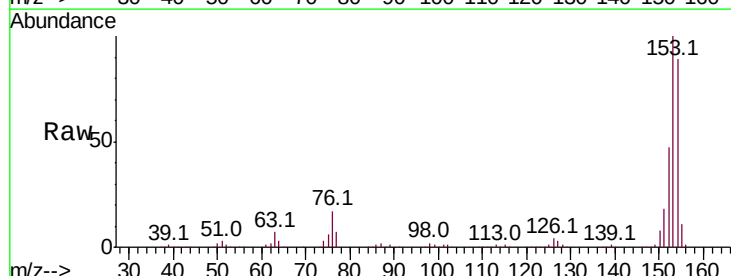


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

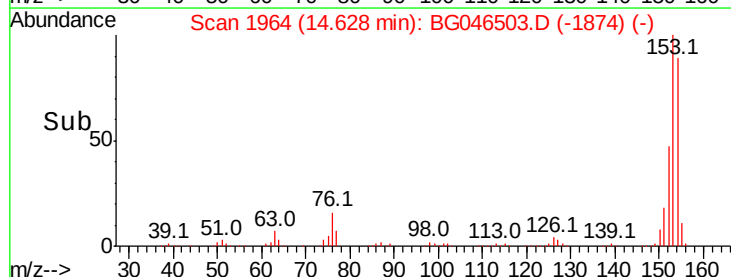
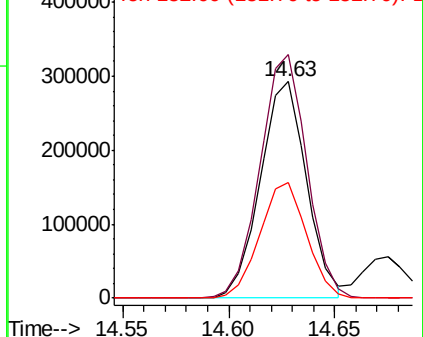


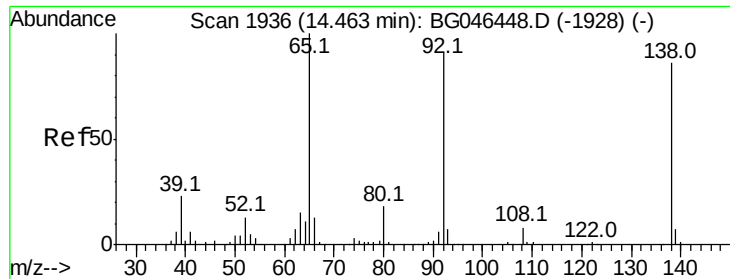
#52
Acenaphthene
Concen: 38.452 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion:154 Resp: 446172
Ion Ratio Lower Upper
154 100
153 112.6 91.9 137.9
152 53.2 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.477 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

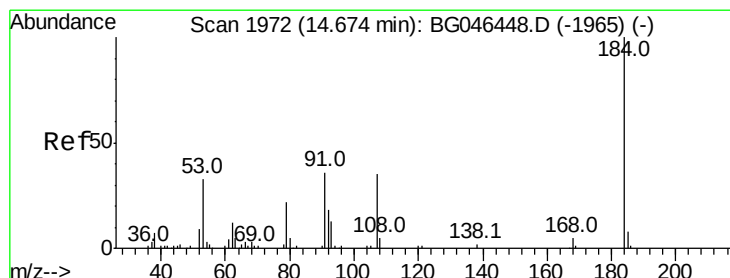
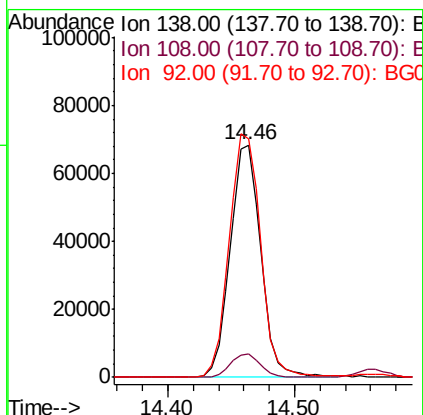
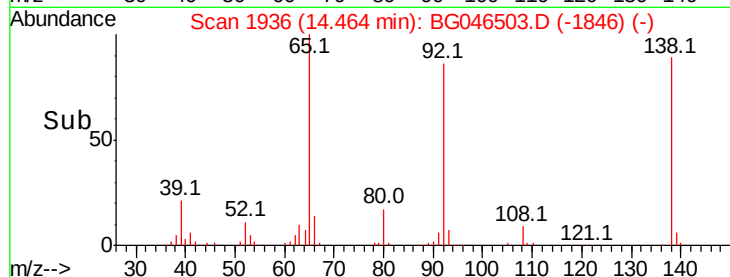
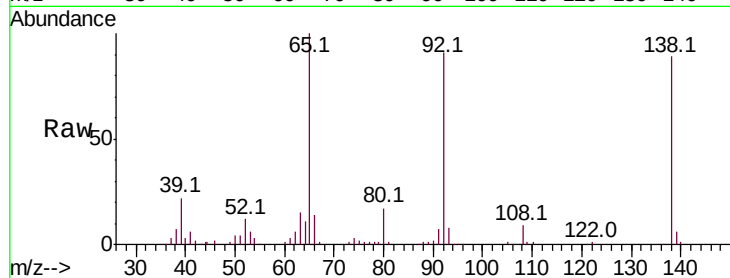
Tot Ion:138 Resp: 113947

Ion Ratio Lower Upper

138 100

108 10.2 7.0 10.6

92 102.5 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 83.781 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

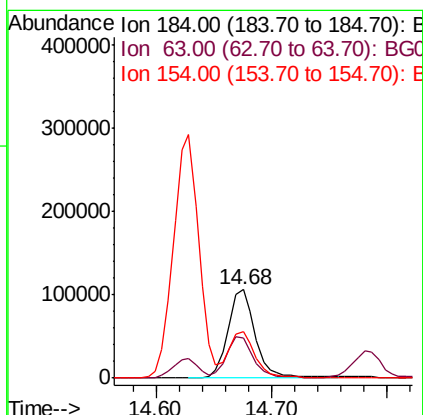
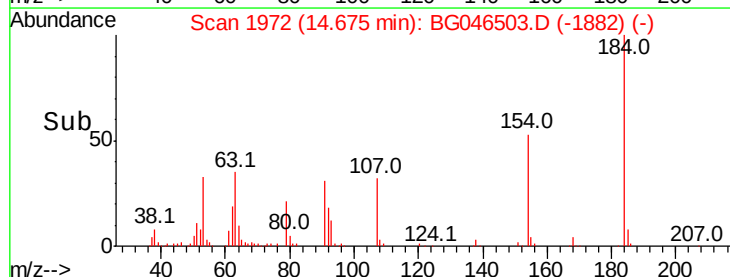
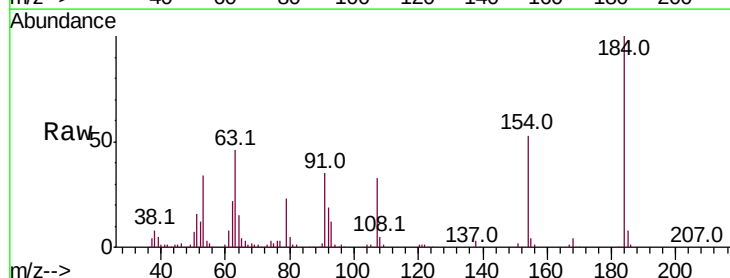
Tgt Ion:184 Resp: 174521

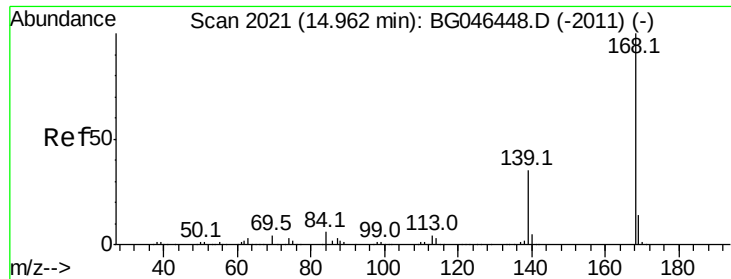
Ion Ratio Lower Upper

184 100

63 45.6 35.6 53.4

154 53.4 44.3 66.5

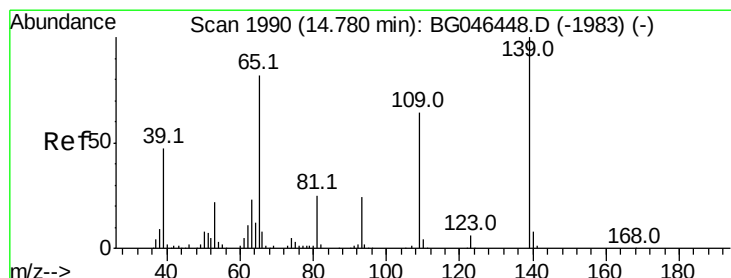
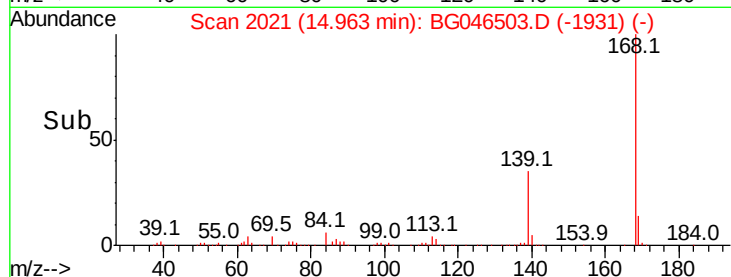
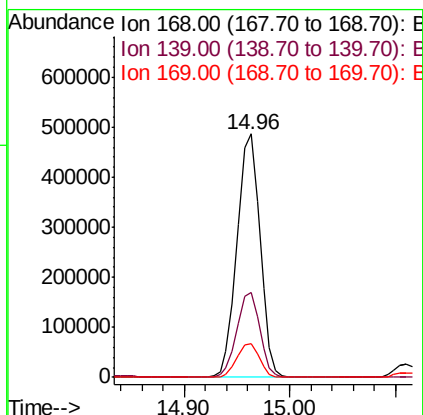
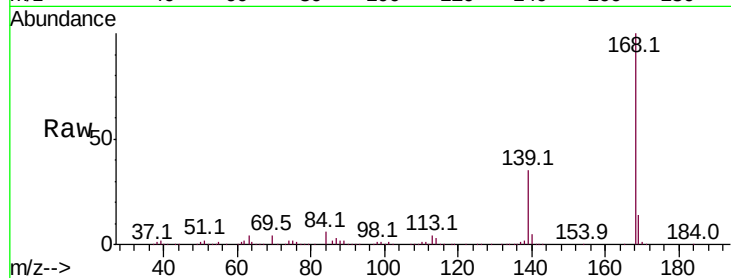




#55
Dibenzofuran
Concen: 39.285 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

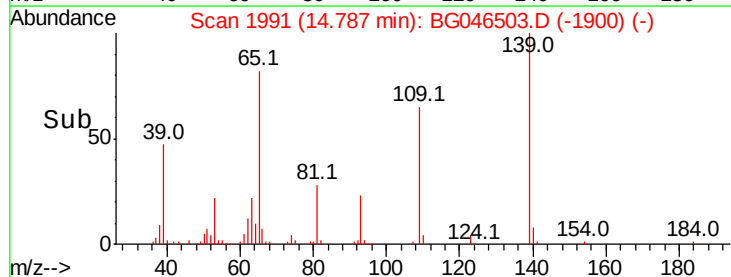
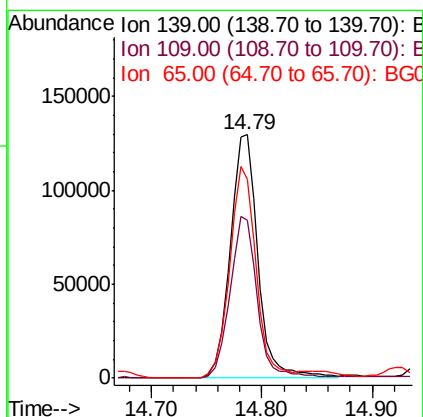
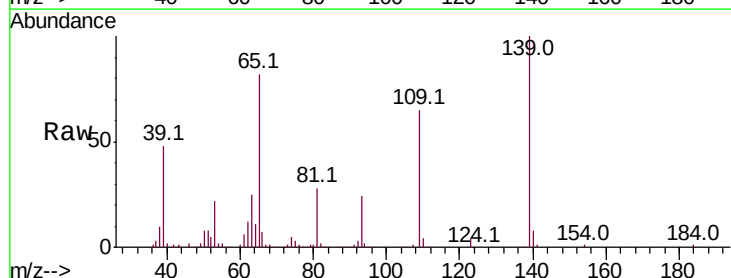
Instrument :
BNA_G
ClientSampleId :
PB131362BS

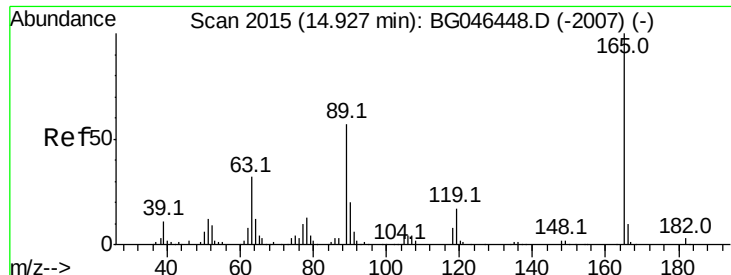
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	28.1	42.1
169	13.8	11.5	17.3



#56
4-Nitrophenol
Concen: 80.505 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.6	44.3	84.3
65	81.9	61.5	101.5

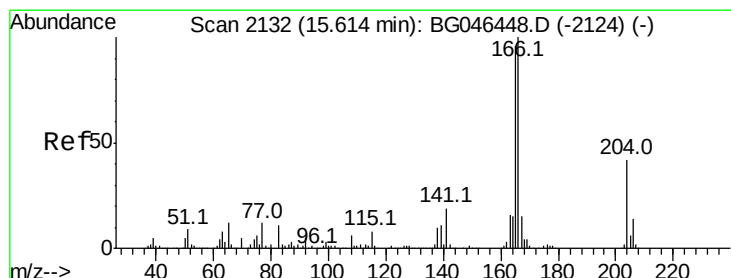
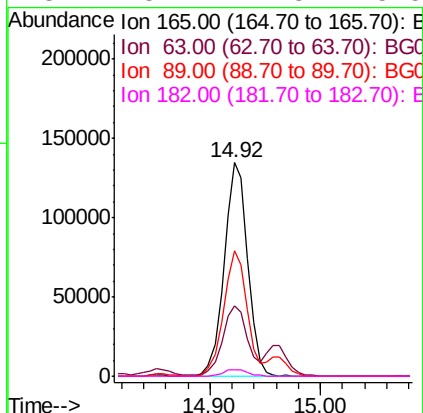
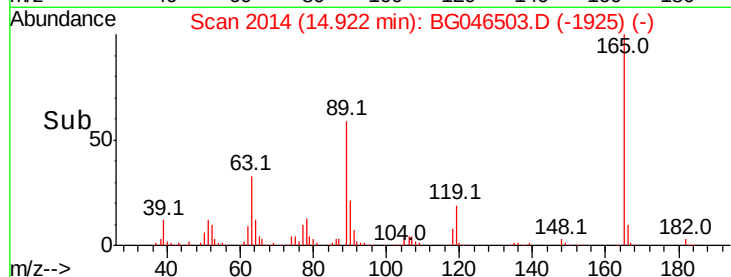
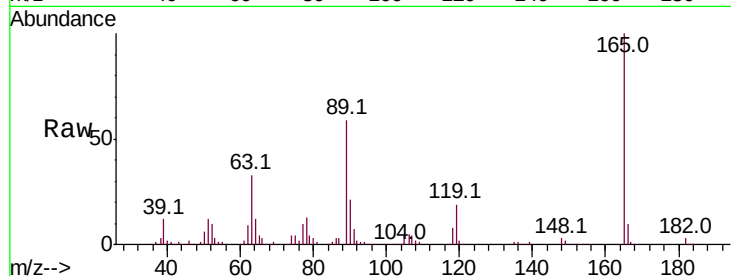




#57
 2,4-Dinitrotoluene
 Concen: 39.149 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

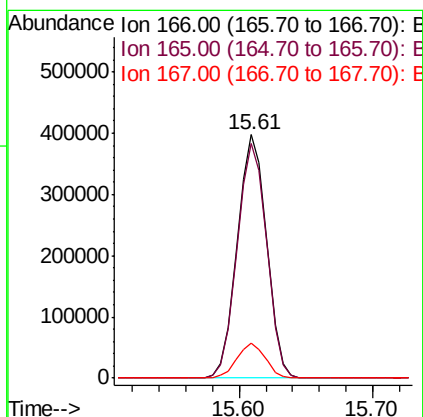
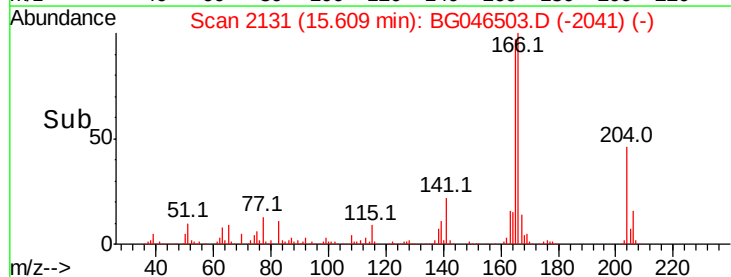
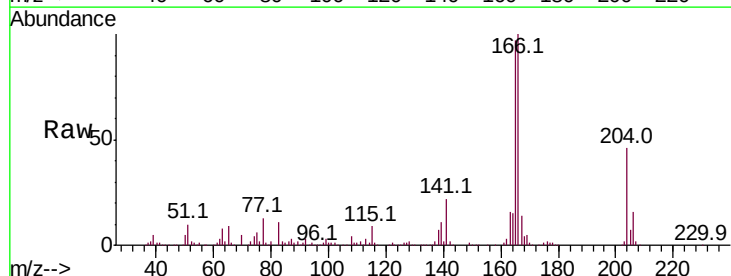
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

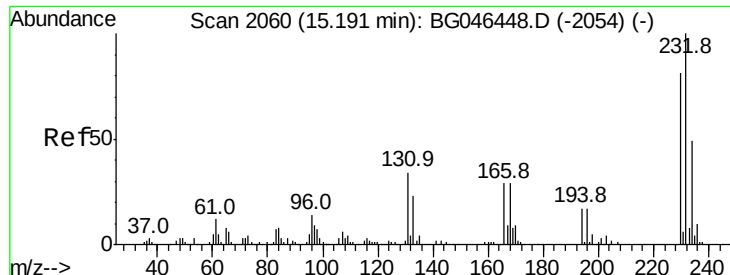
Tot Ion:165	Resp:	199212
Ion	Ratio	Lower Upper
165	100	
63	32.9	25.4 38.0
89	58.6	45.9 68.9
182	3.1	2.3 3.5



#58
 Fluorene
 Concen: 38.572 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion:166	Resp:	602843
Ion	Ratio	Lower Upper
166	100	
165	96.5	77.0 115.4
167	14.3	11.8 17.6

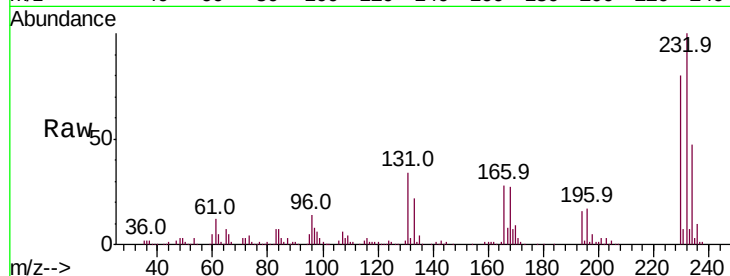




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.114 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.7	26.8	40.2
130	1.9	1.4	2.2
166	27.1	22.8	34.2



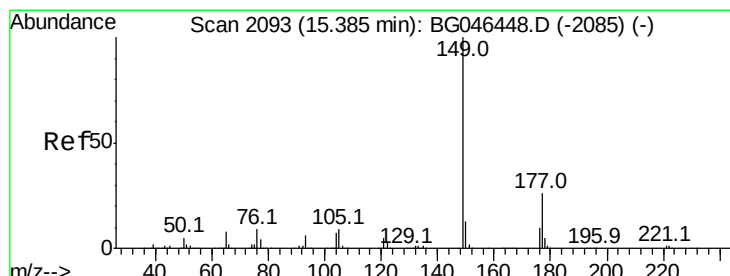
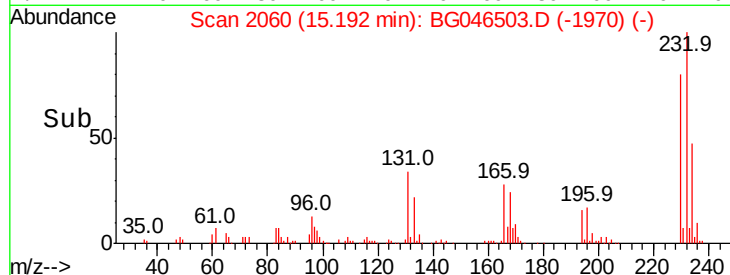
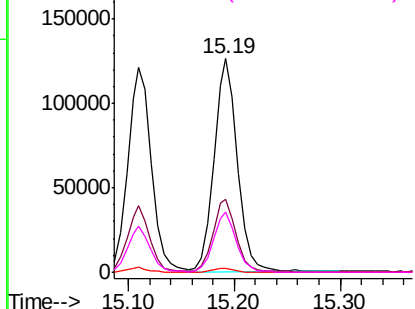
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

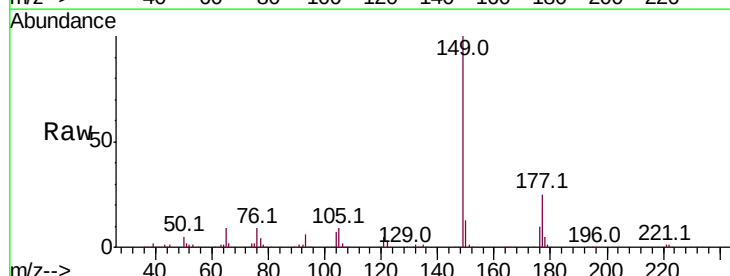
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.230 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.3	20.6	30.8
150	12.7	10.3	15.5

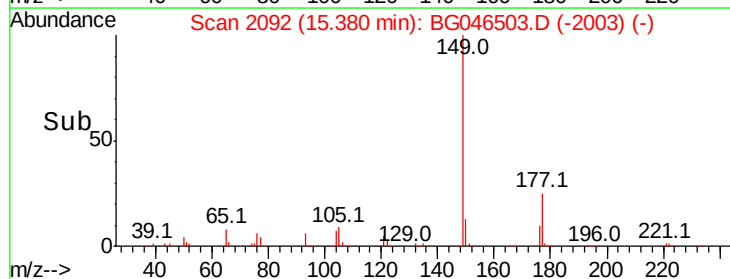
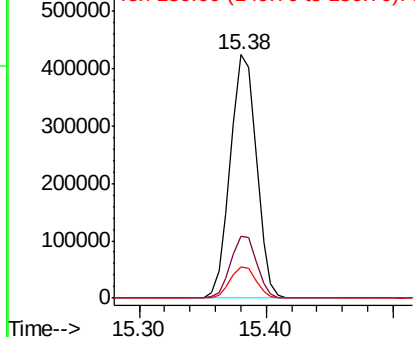


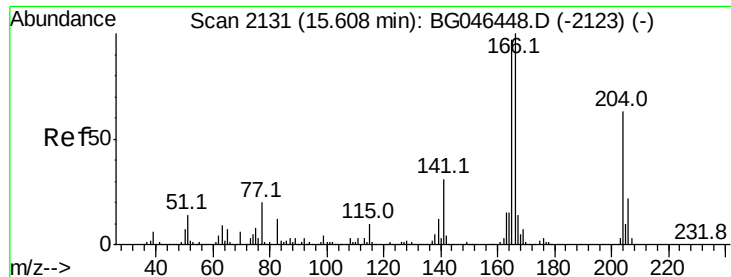
Abundance

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

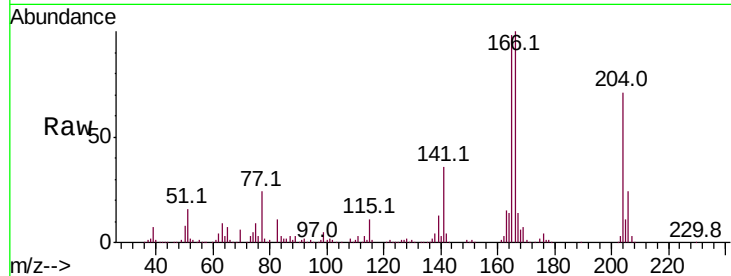




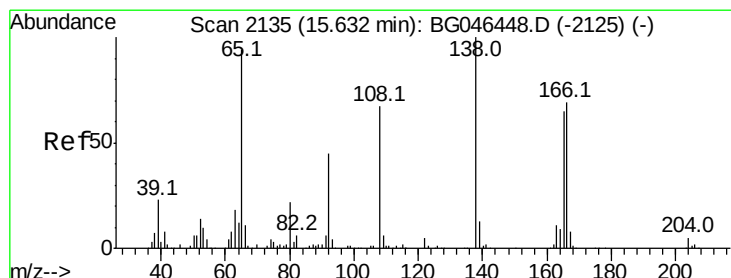
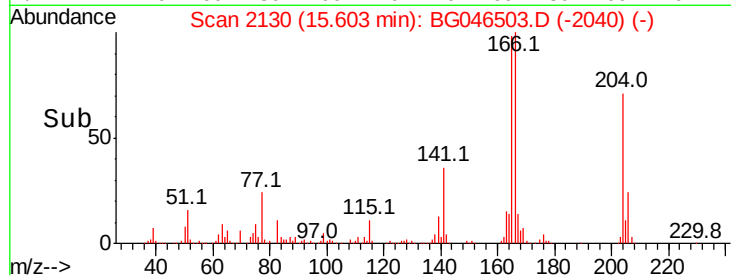
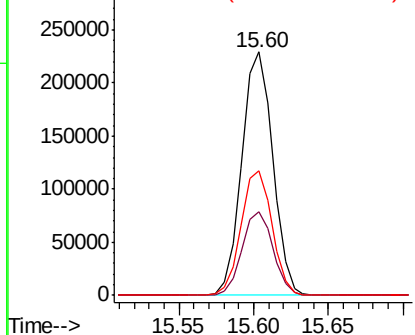
#61
 4-Chlorophenyl-phenylether
 Concen: 38.141 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion:204 Resp: 328305
 Ion Ratio Lower Upper
 204 100
 206 34.2 27.7 41.5
 141 51.1 38.7 58.1

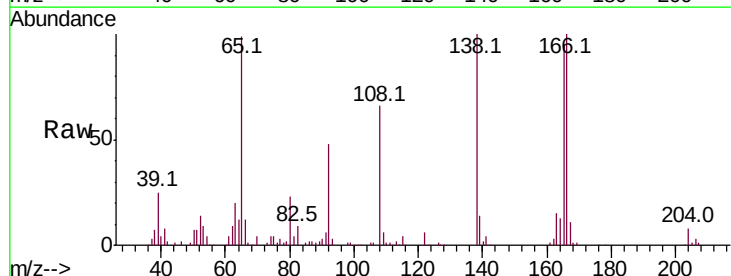


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

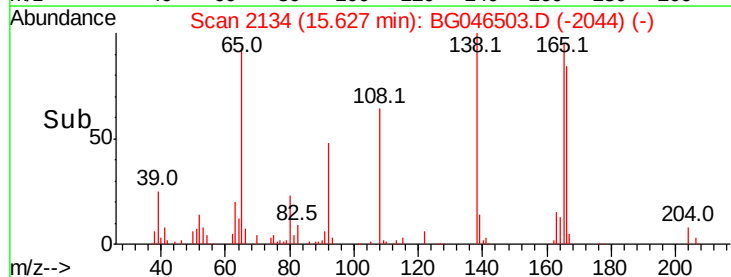
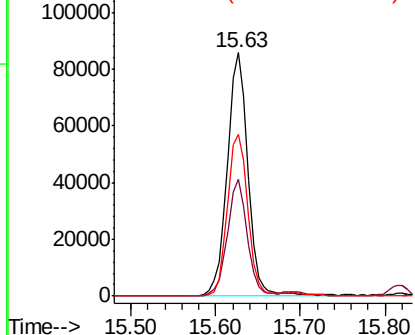


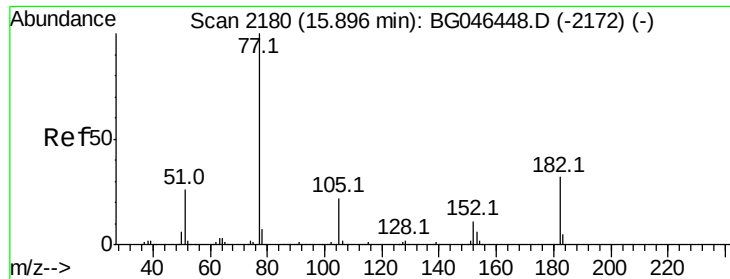
#62
 4-Nitroaniline
 Concen: 35.465 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion:138 Resp: 144653
 Ion Ratio Lower Upper
 138 100
 92 48.0 25.3 65.3
 108 66.5 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: 39.680 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

Tot Ion: 77 Resp: 509476

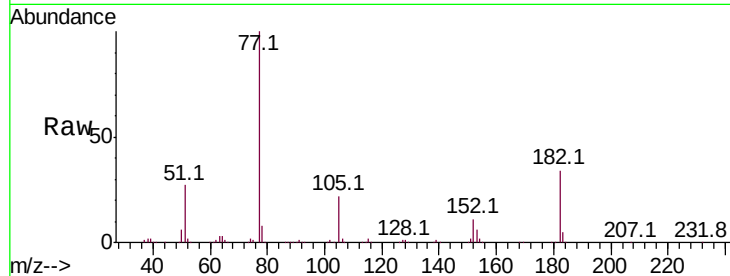
Ion Ratio Lower Upper

77 100

182 34.2 12.3 52.3

105 22.4 2.3 42.3

51 27.4 6.5 46.5

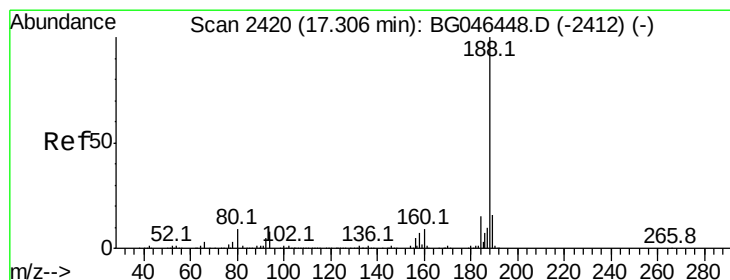
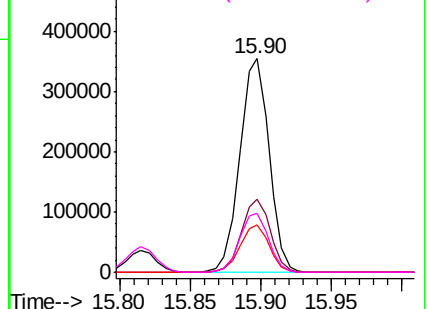
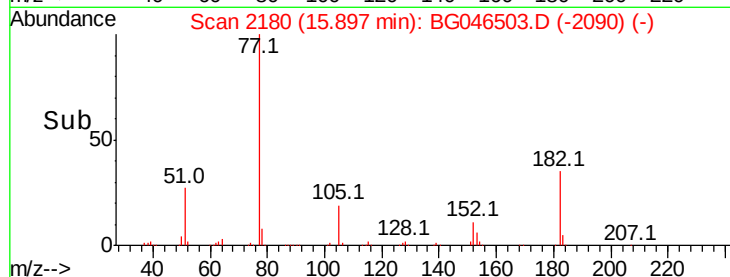


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

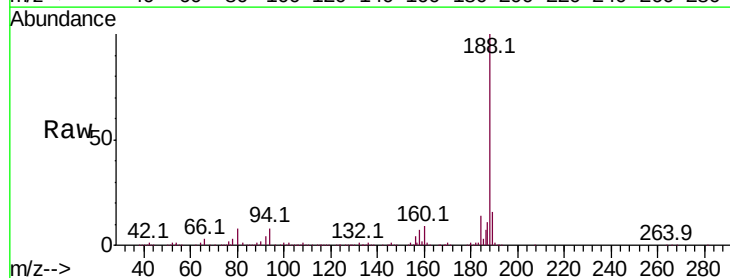
Tgt Ion: 188 Resp: 488107

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

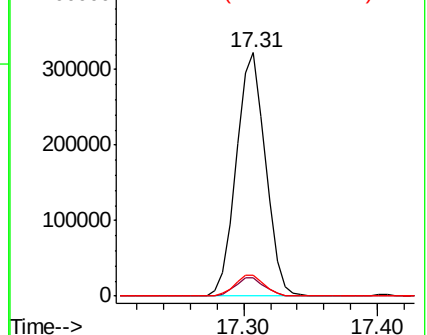
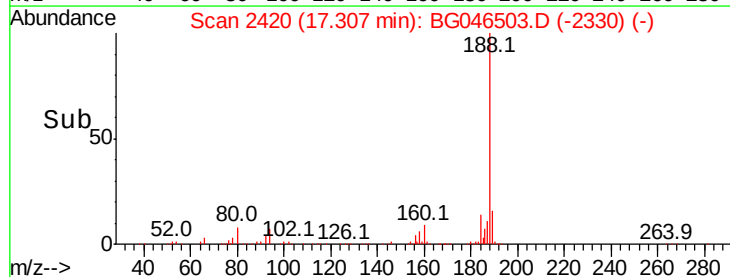
80 8.5 6.9 10.3

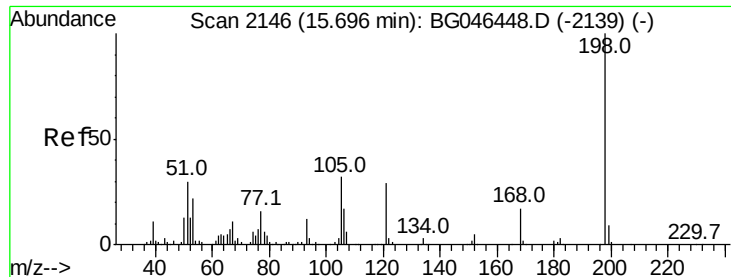


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 46.727 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

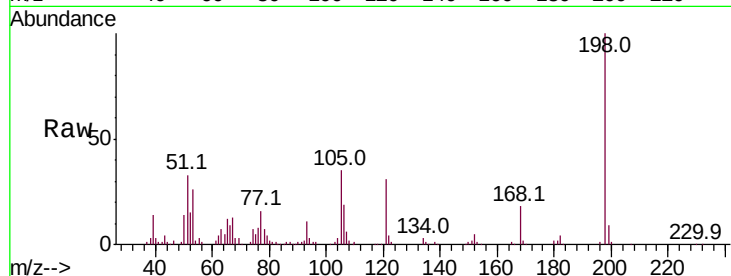
Tot Ion:198 Resp: 129093

Ion Ratio Lower Upper

198 100

51 32.9 10.4 50.4

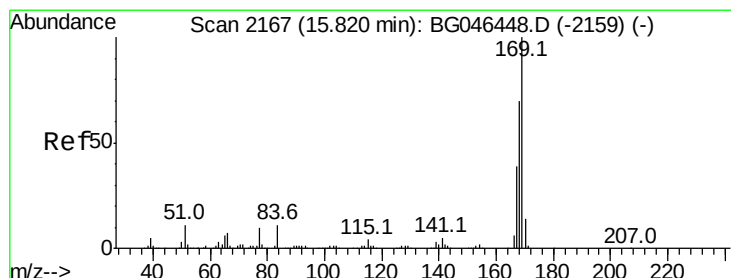
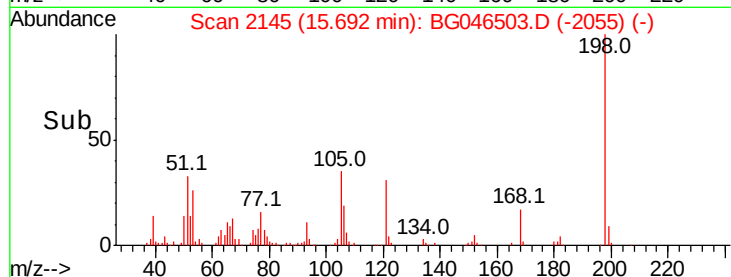
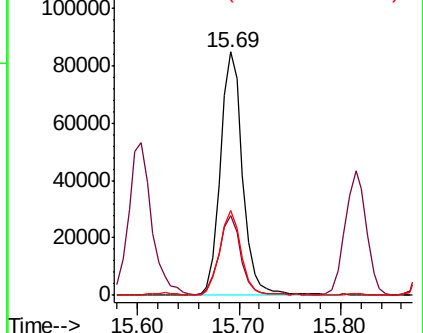
105 34.9 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.904 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

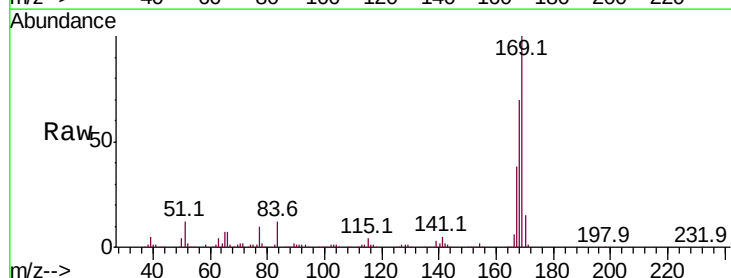
Tgt Ion:169 Resp: 551803

Ion Ratio Lower Upper

169 100

168 69.9 55.8 83.8

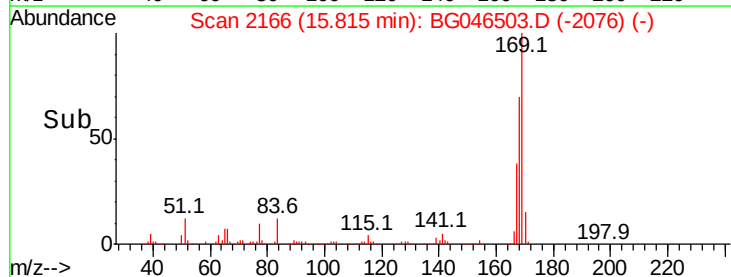
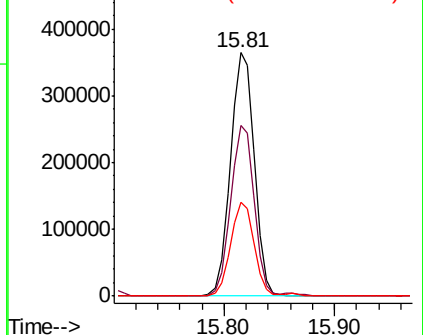
167 38.5 31.0 46.6

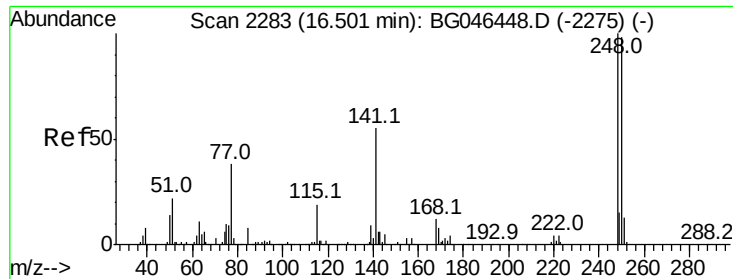


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

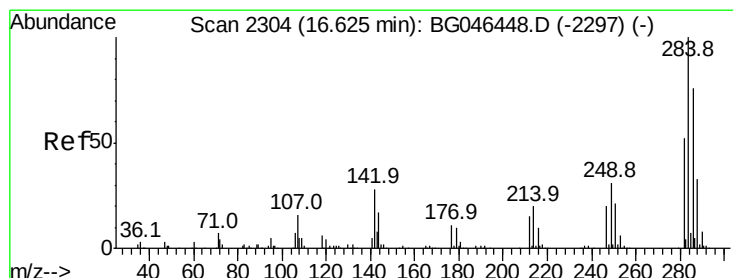
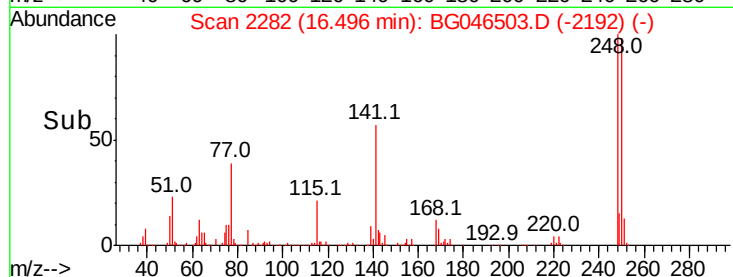
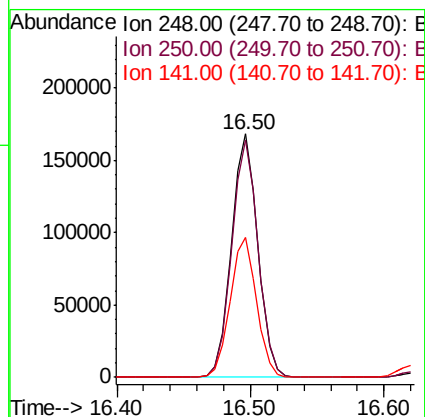
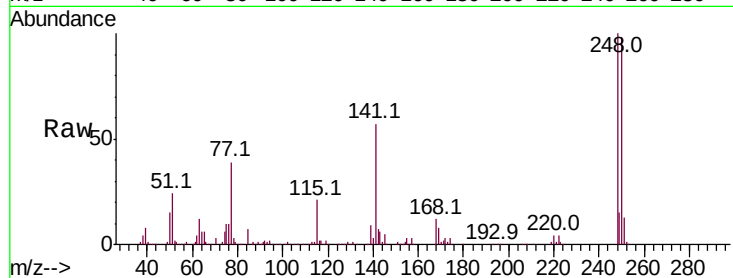




#67
4-Bromophenyl-phenylether
Concen: 40.815 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

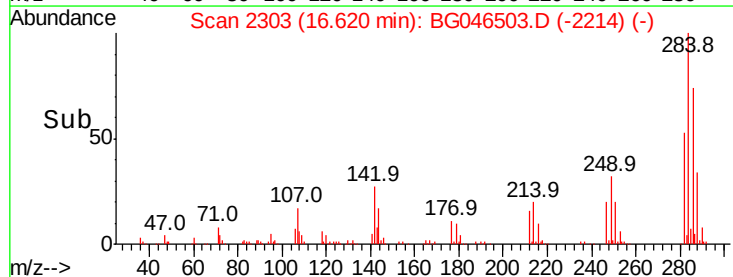
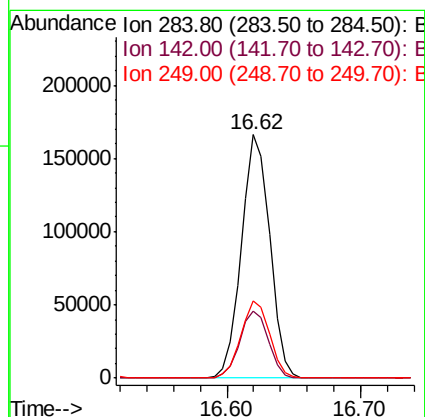
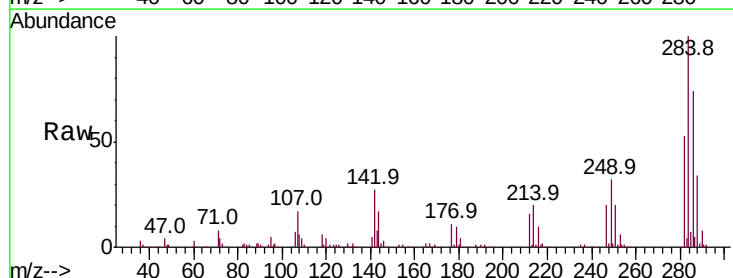
Instrument :
BNA_G
ClientSampleId :
PB131362BS

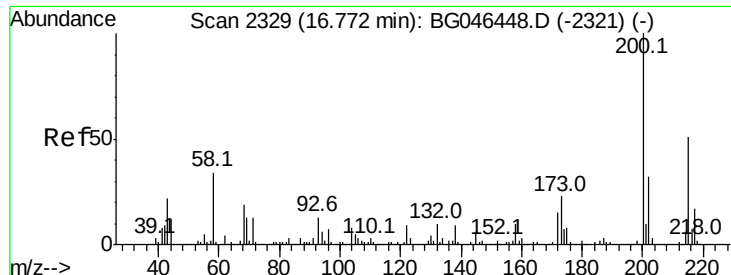
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	118.0
141	57.3	43.9	65.9



#68
Hexachlorobenzene
Concen: 38.607 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	22.3	33.5
249	31.6	24.8	37.2





#69

Atrazine

Concen: 38.323 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

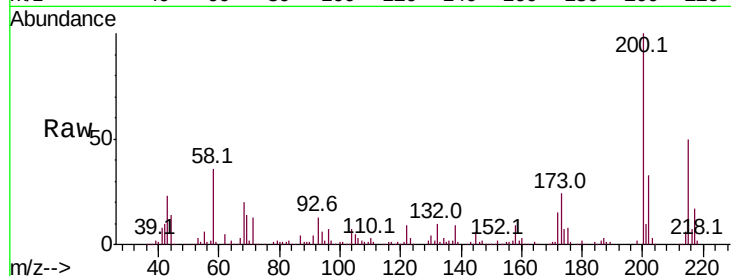
Tot Ion:200 Resp: 205870

Ion Ratio Lower Upper

200 100

173 24.3 3.3 43.3

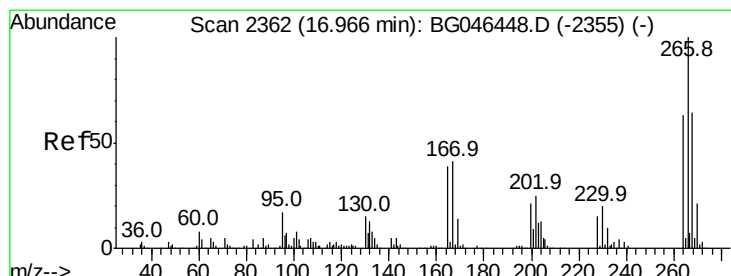
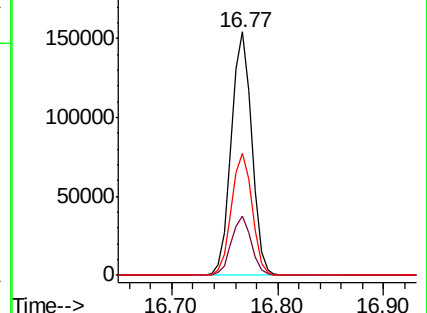
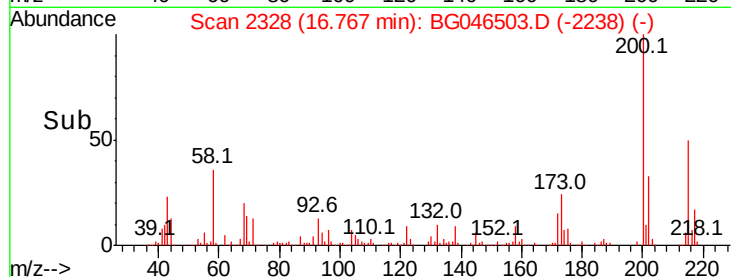
215 50.2 30.9 70.9



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: 86.774 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

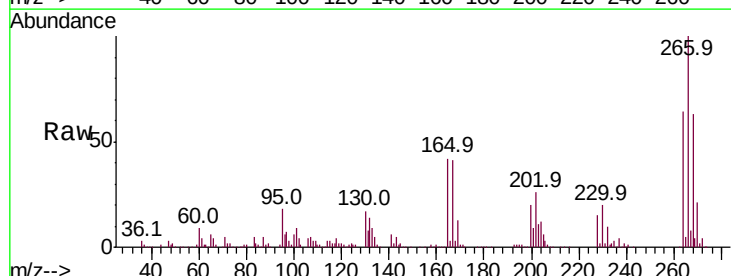
Tgt Ion:266 Resp: 285932

Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

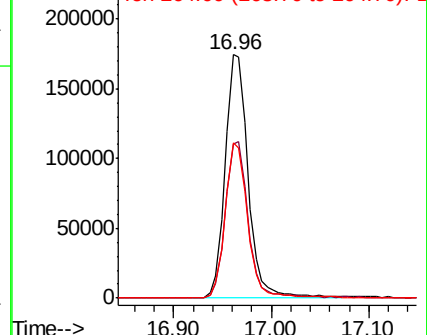
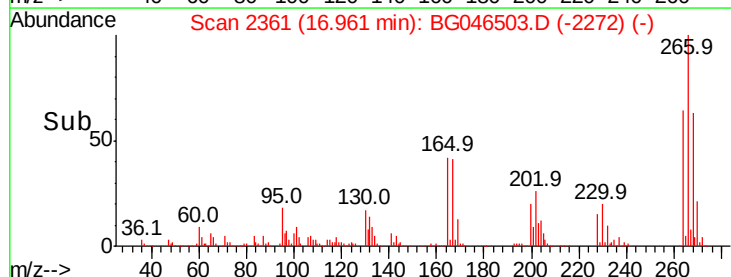
264 63.8 50.2 75.2

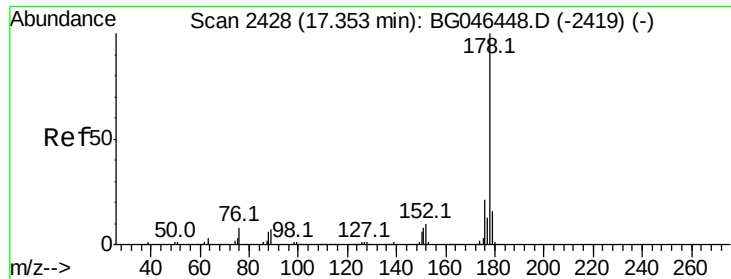


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

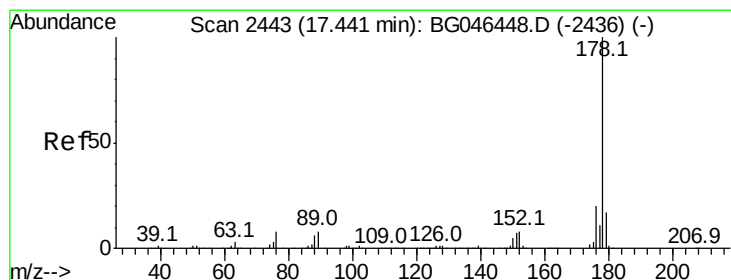
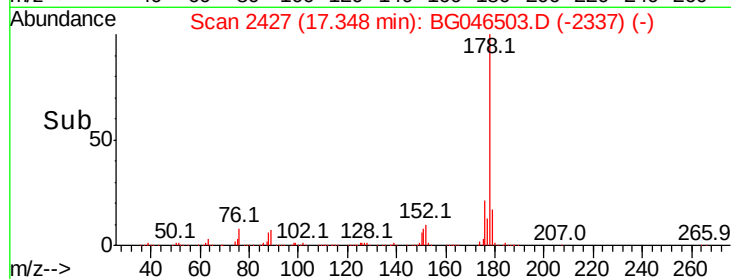
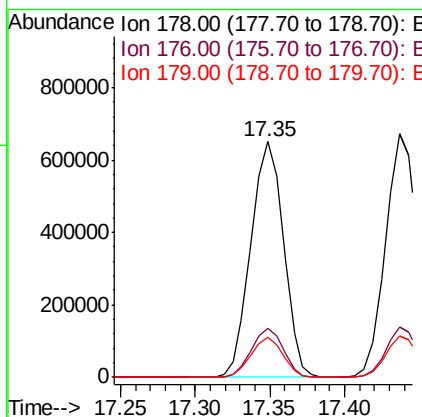
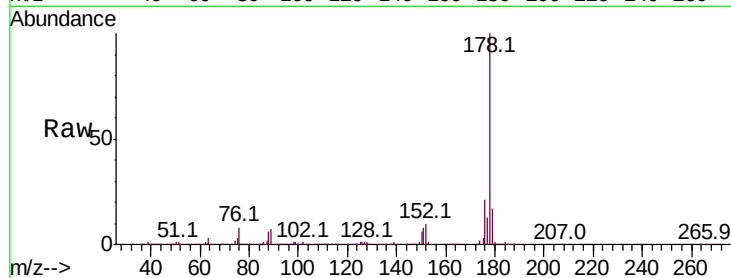




#71
Phenanthrene
Concen: 39.997 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

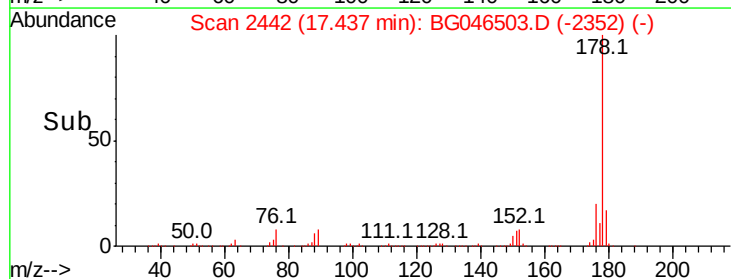
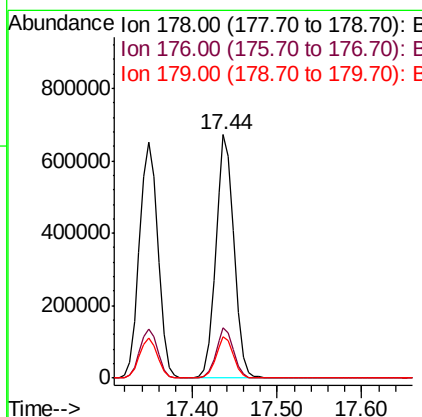
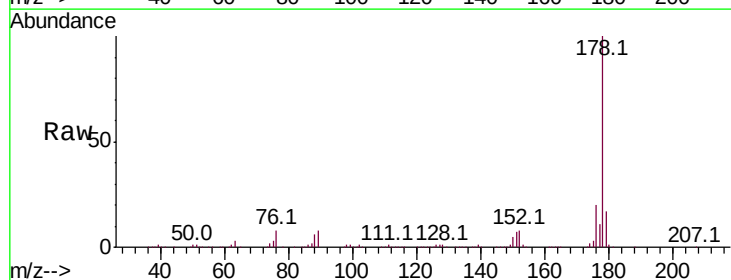
Instrument :
BNA_G
ClientSampleId :
PB131362BS

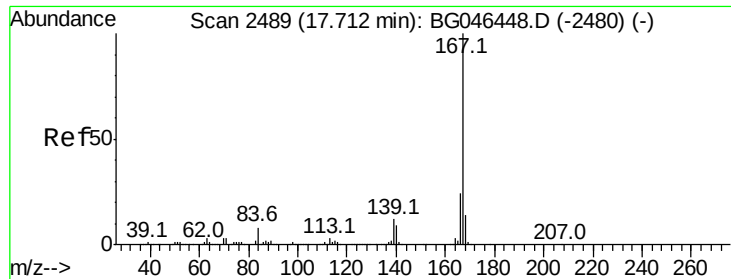
Tot Ion:178 Resp: 989553
Ion Ratio Lower Upper
178 100
176 20.8 16.8 25.2
179 16.9 13.2 19.8



#72
Anthracene
Concen: 41.570 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion:178 Resp: 1014710
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.9 13.3 19.9





#73

Carbazole

Concen: 40.459 ng

RT: 17.71 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

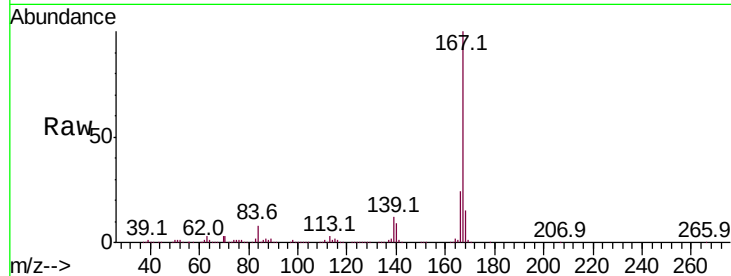
Tot Ion:167 Resp: 932459

Ion Ratio Lower Upper

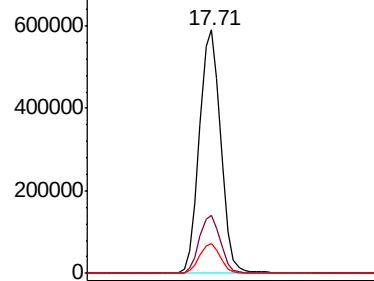
167 100

166 23.9 19.3 28.9

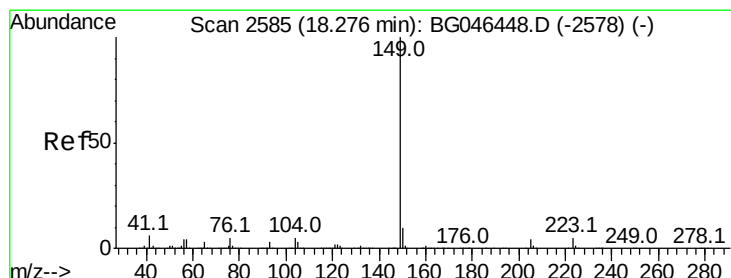
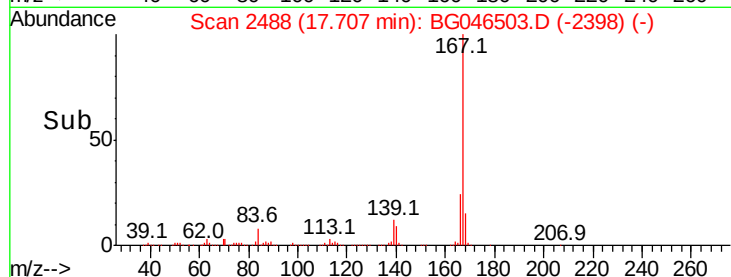
139 12.1 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E
800000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time--> 17.60 17.70 17.80



#74

Di-n-butylphthalate

Concen: 39.887 ng

RT: 18.27 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

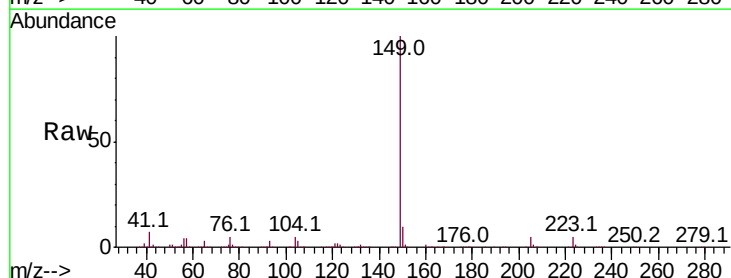
Tgt Ion:149 Resp: 1057071

Ion Ratio Lower Upper

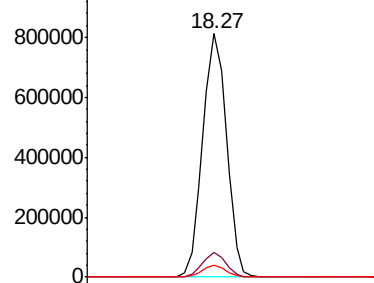
149 100

150 10.3 8.1 12.1

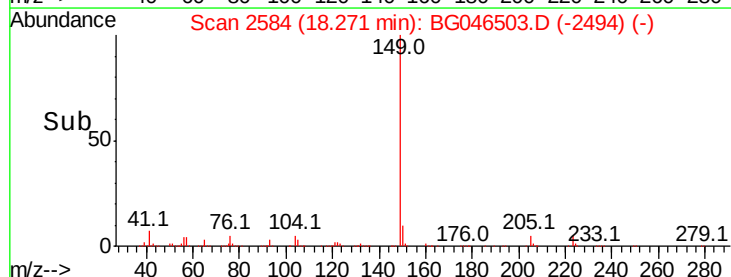
104 5.0 4.0 6.0

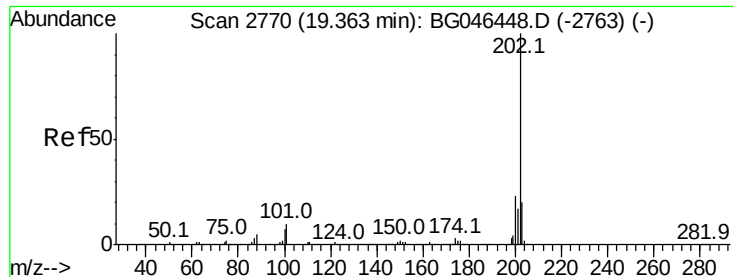


Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 18.20 18.30





#75

Fluoranthene

Concen: 39.644 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

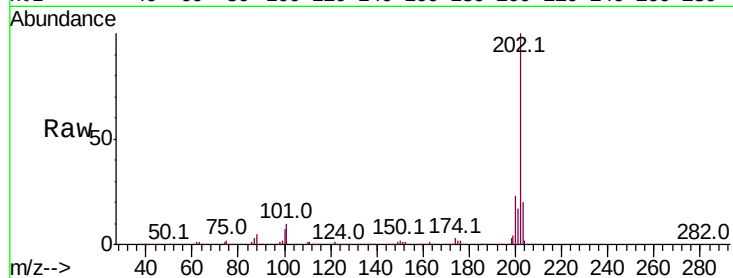
Tot Ion:202 Resp: 1262214

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.9

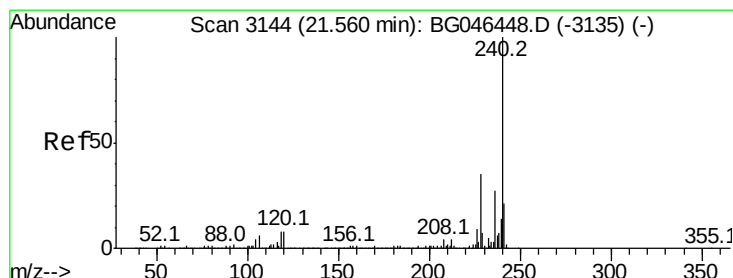
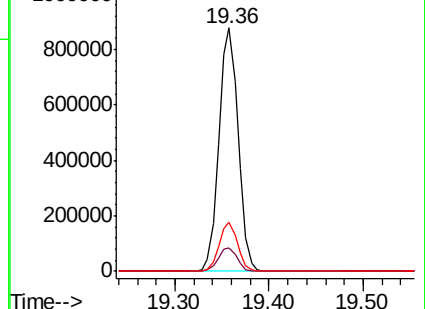
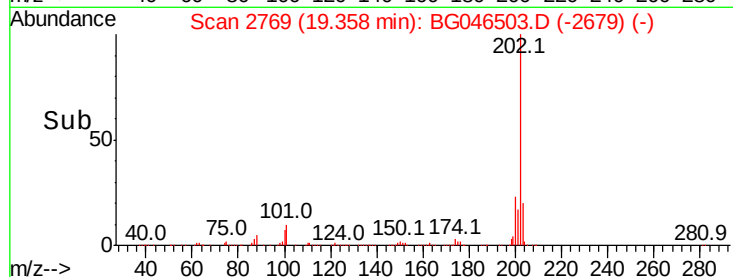
203 20.1 0.0 40.0



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: BG046503.D

Acq: 2 Sep 2020 14:38

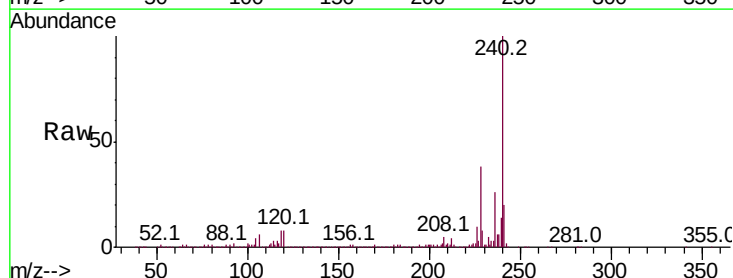
Tgt Ion:240 Resp: 502998

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

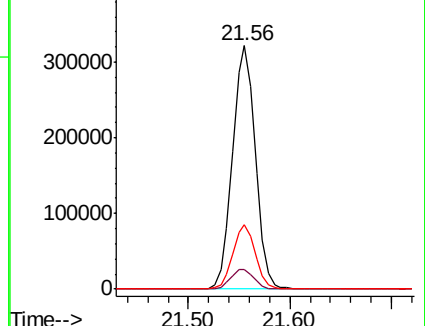
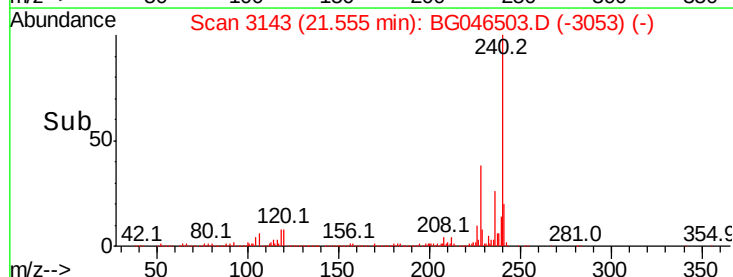
236 26.5 21.4 32.2

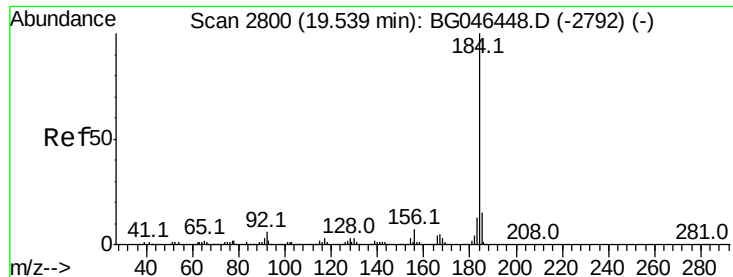


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.435 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

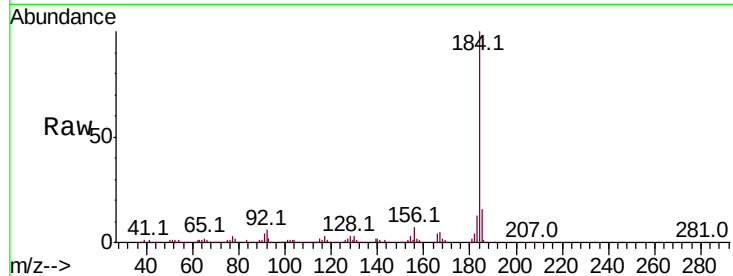
Tot Ion:184 Resp: 694681

Ion Ratio Lower Upper

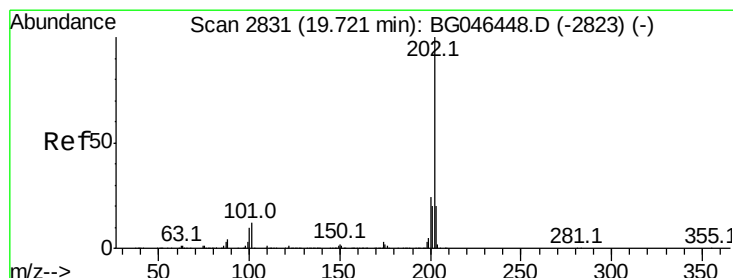
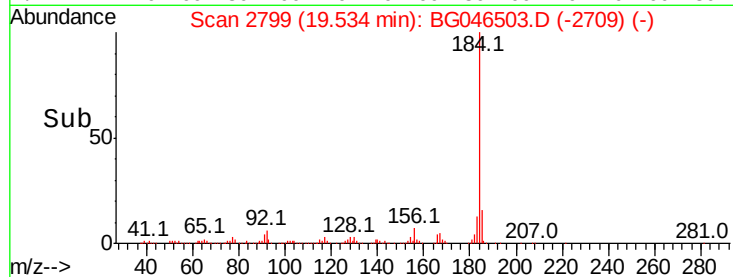
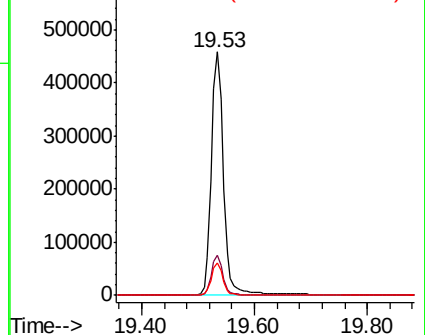
184 100

185 16.2 11.8 17.8

183 13.2 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: 39.676 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

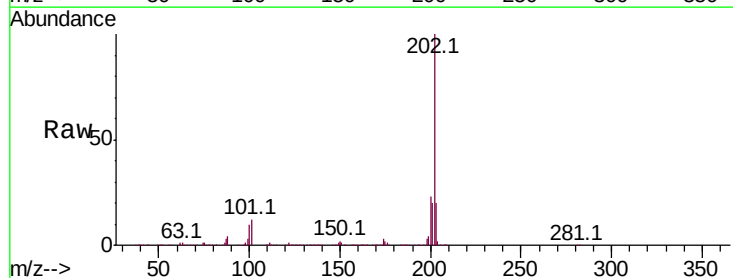
Tgt Ion:202 Resp: 1270824

Ion Ratio Lower Upper

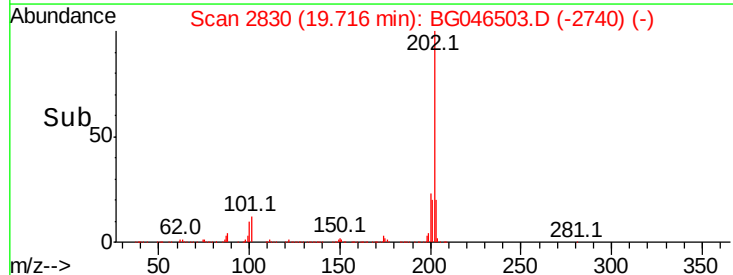
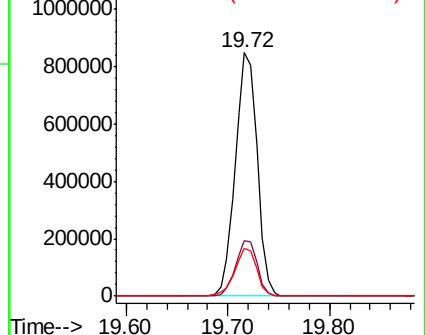
202 100

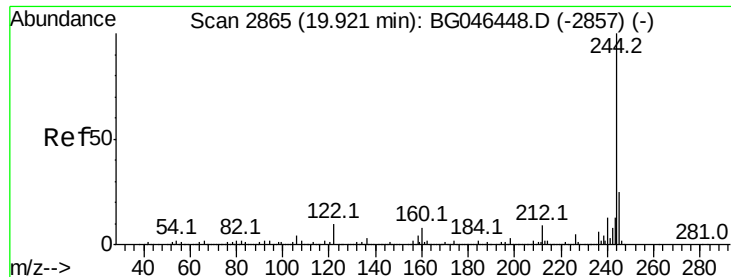
200 23.0 18.9 28.3

203 19.8 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



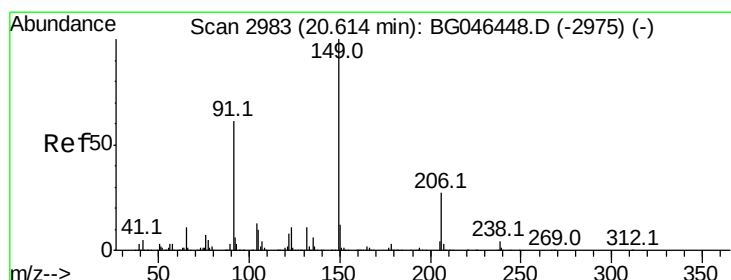
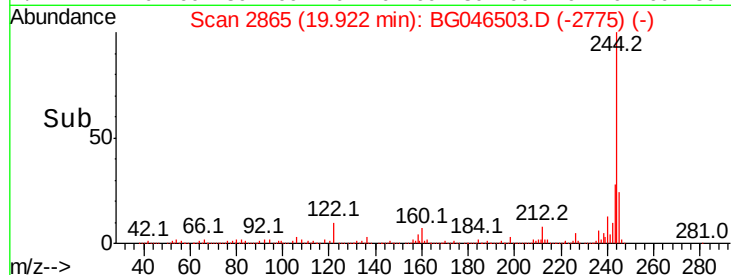
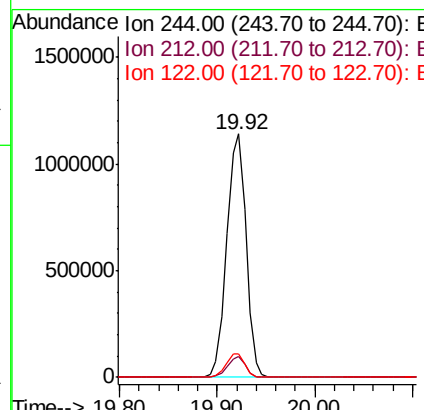
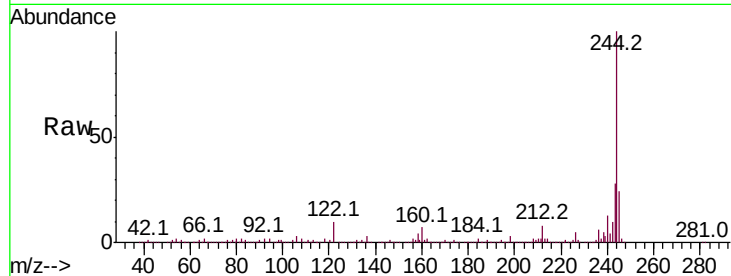


#79
 Terphenyl-d14
 Concen: 65.995 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion:244 Resp: 1559808

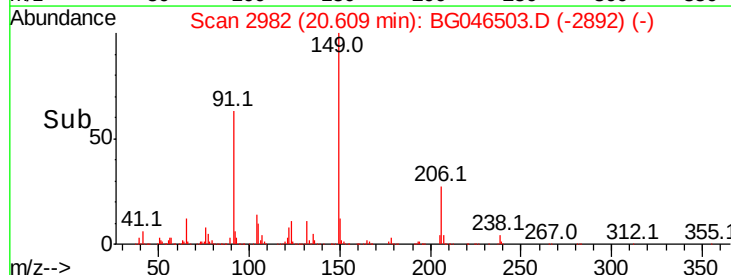
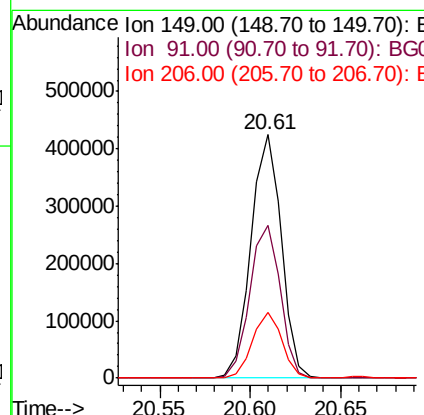
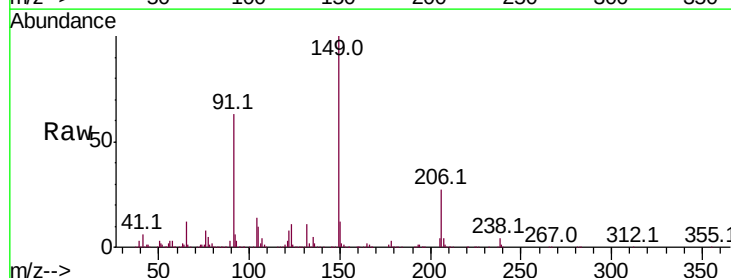
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	9.7	8.2	12.4

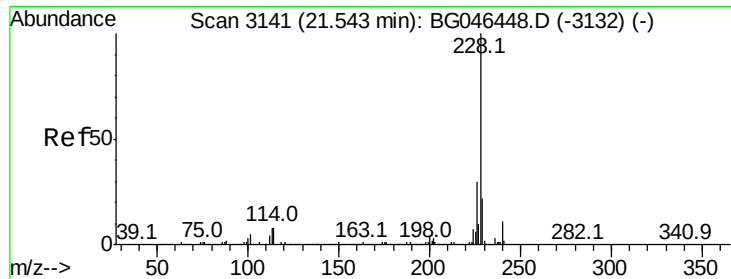


#80
 Butylbenzylphthalate
 Concen: 39.813 ng
 RT: 20.61 min Scan# 2982
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion:149 Resp: 497410

Ion	Ratio	Lower	Upper
149	100		
91	62.6	49.1	73.7
206	27.2	21.9	32.9





#81

Benzo(a)anthracene

Concen: 39.341 ng

RT: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

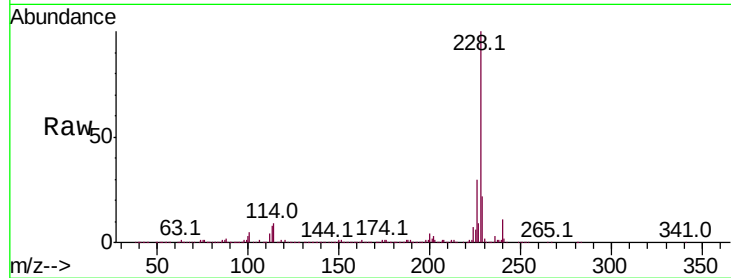
BNA_G

ClientSampleId :

PB131362BS

Tot Ion:228 Resp: 1233418

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	21.8	17.4	26.2

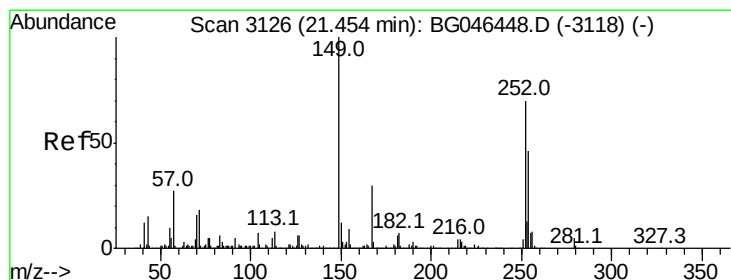
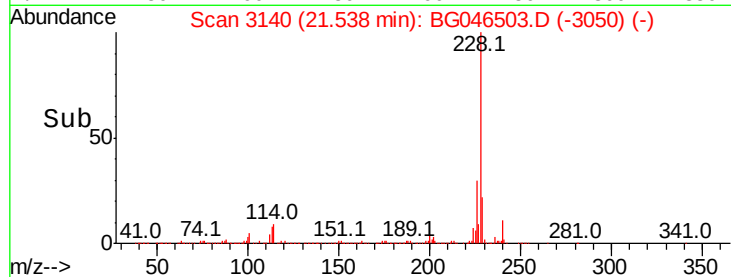
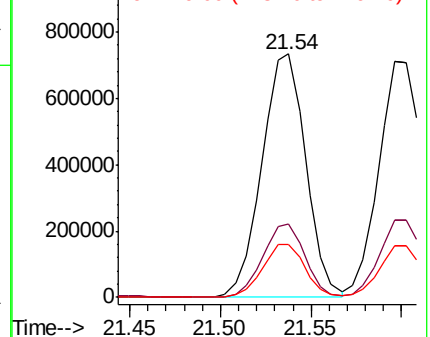


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.476 ng

RT: 21.45 min Scan# 3125

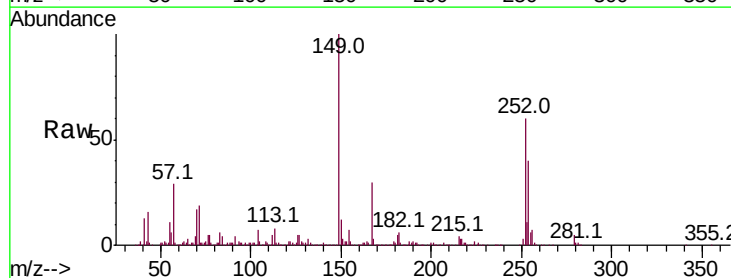
Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Tgt Ion:252 Resp: 401125

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.9	77.9
126	8.5	7.4	11.0

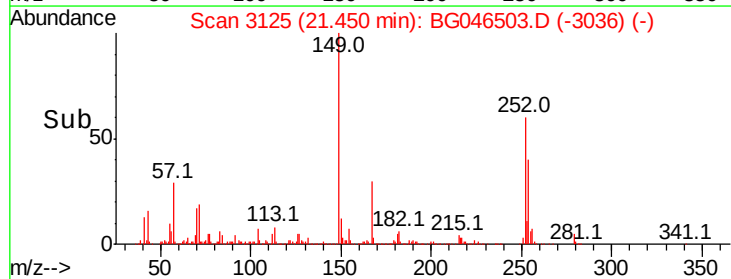
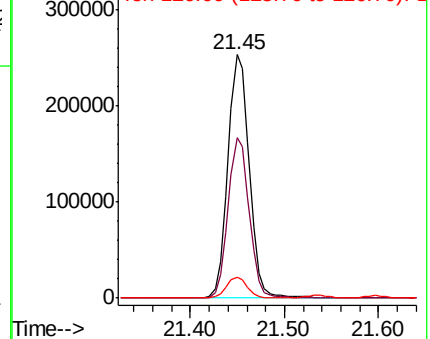


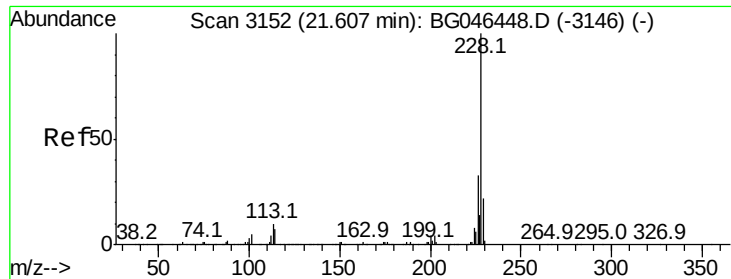
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.454 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

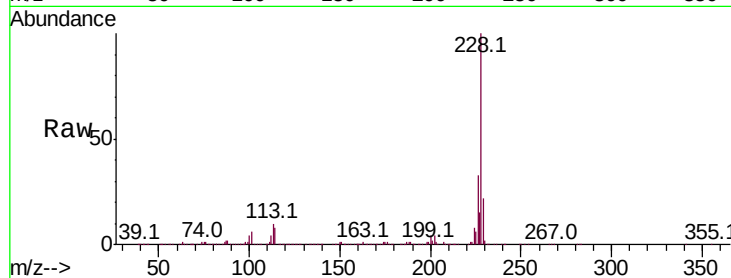
BNA_G

ClientSampleId :

PB131362BS

Tot Ion:228 Resp: 1189850

Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	22.1	17.9	26.9

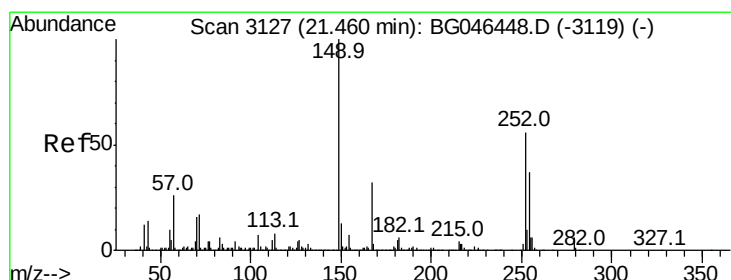
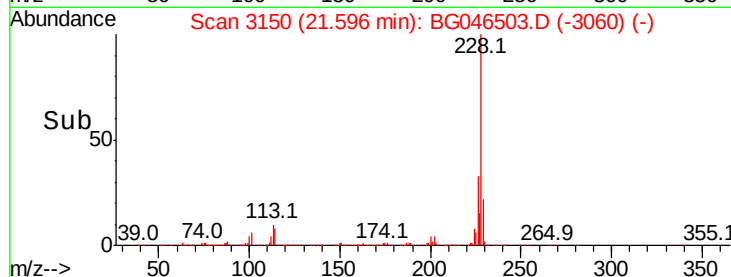
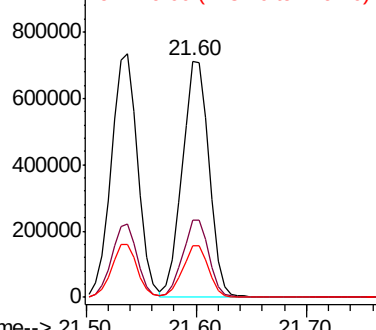


Abundance

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: 40.551 ng

RT: 21.46 min Scan# 3126

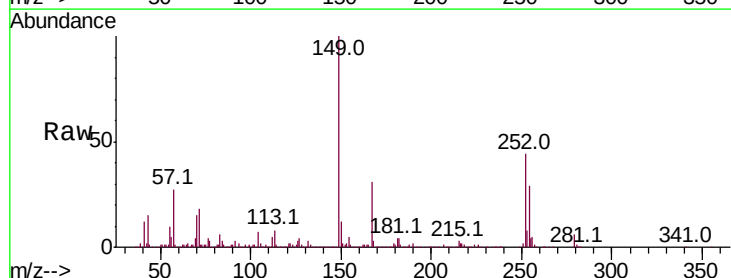
Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Tgt Ion:149 Resp: 691388

Ion	Ratio	Lower	Upper
149	100		
167	31.2	25.4	38.2
279	5.5	4.5	6.7

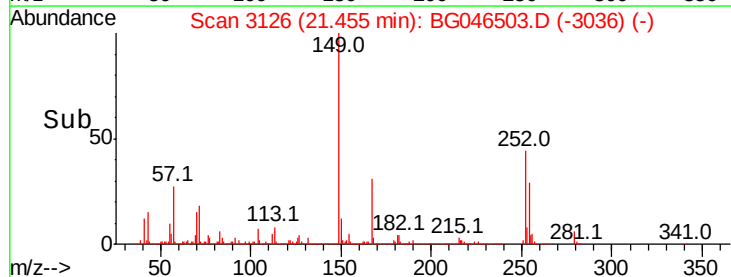
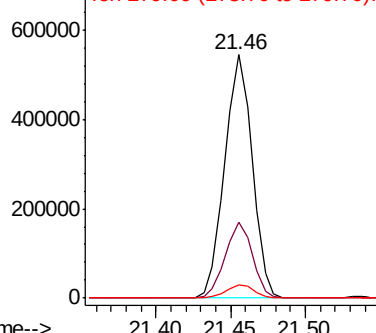


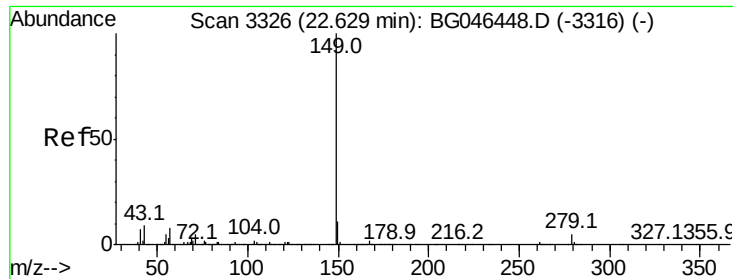
Abundance

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

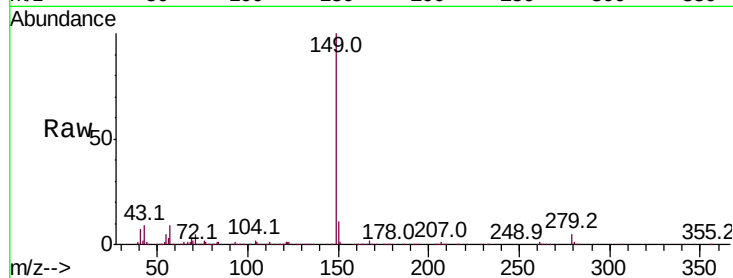




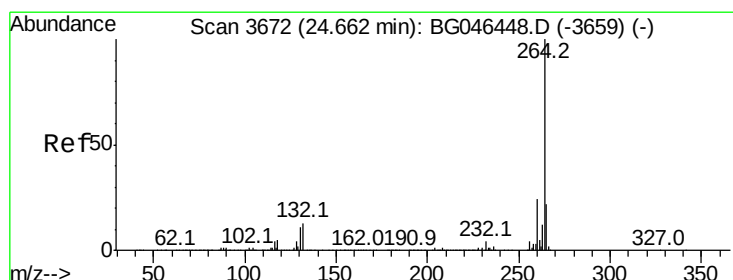
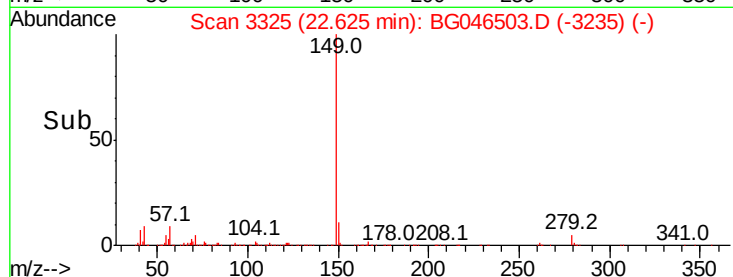
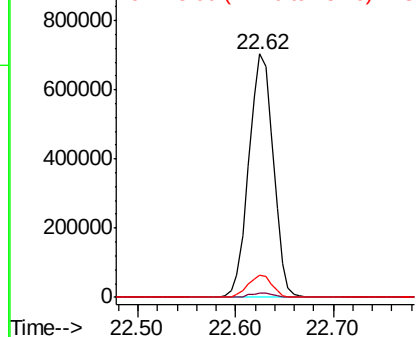
#85
Di-n-octyl phthalate
Concen: 41.954 ng
RT: 22.62 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion:149 Resp: 1224808
Ion Ratio Lower Upper
149 100
167 1.9 1.5 2.3
43 8.8 7.0 10.4

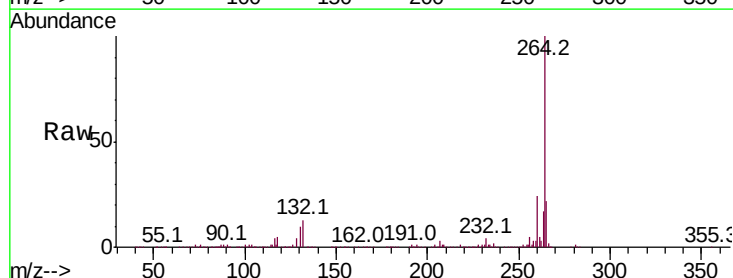


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

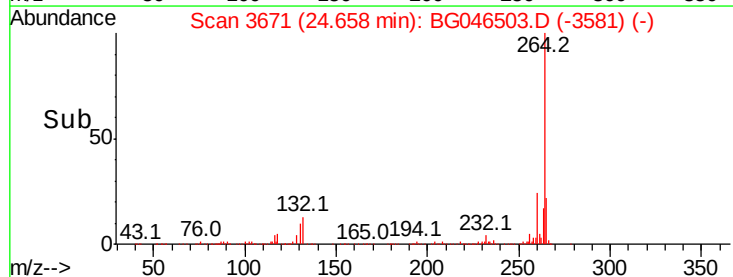
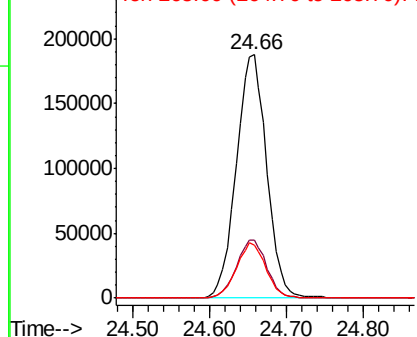


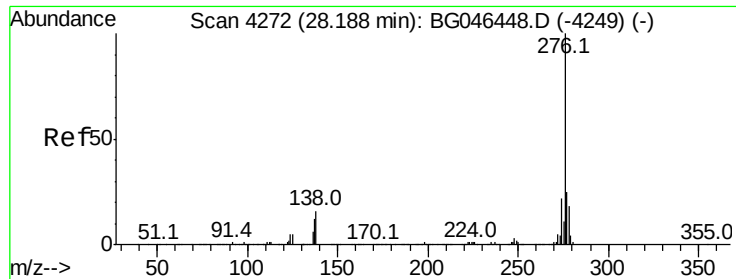
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion:264 Resp: 517250
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.8 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



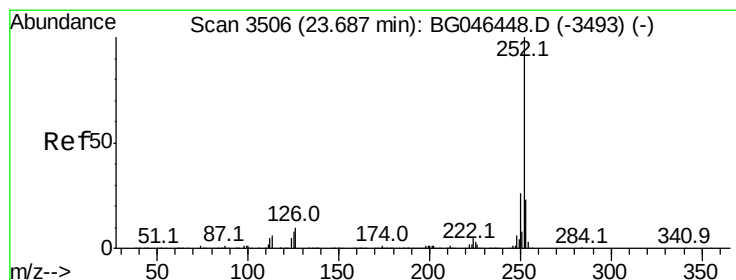
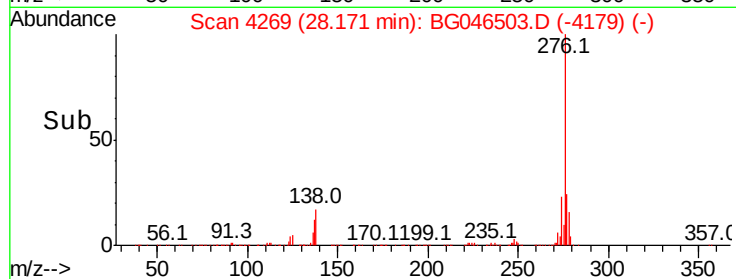
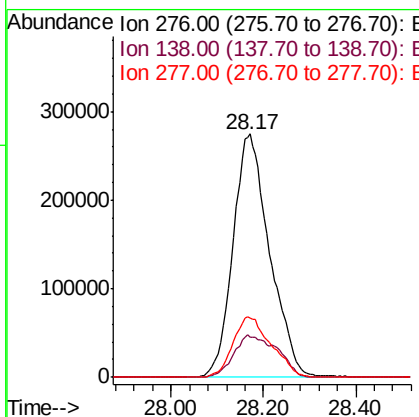
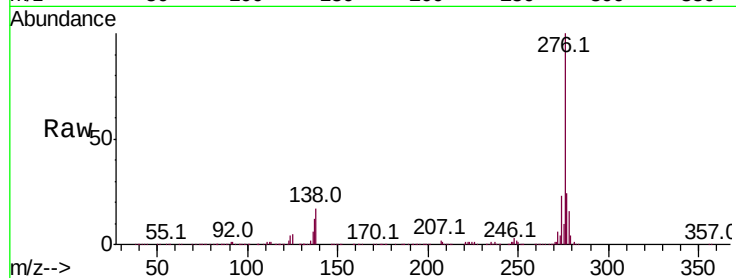


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.814 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion:276 Resp: 1516234

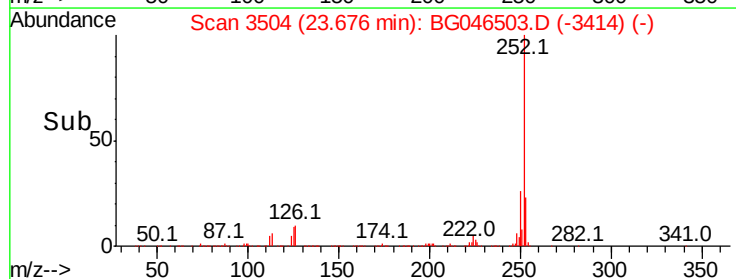
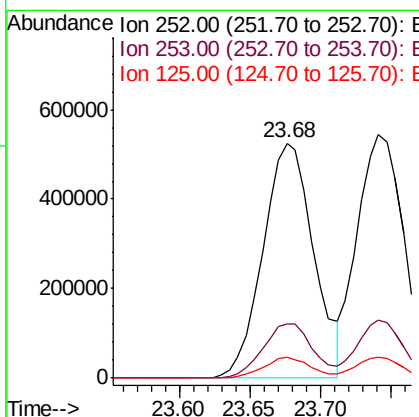
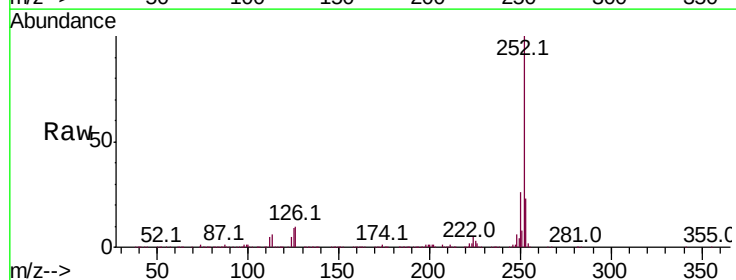
Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.5	24.7
277	26.0	20.7	31.1

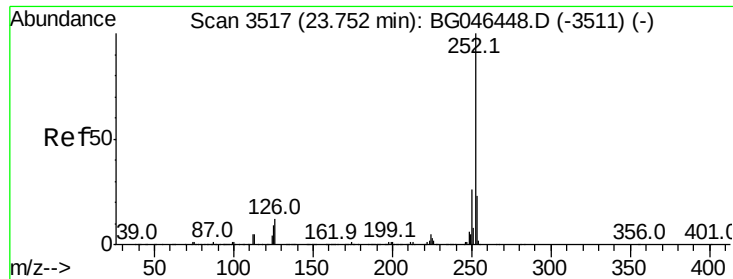


#88
 Benzo(b)fluoranthene
 Concen: 40.758 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion:252 Resp: 1316401

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	8.8	6.2	9.2

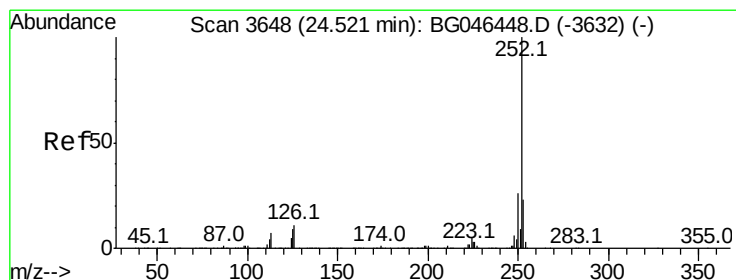
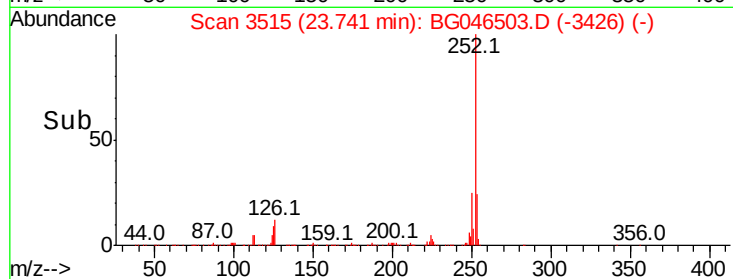
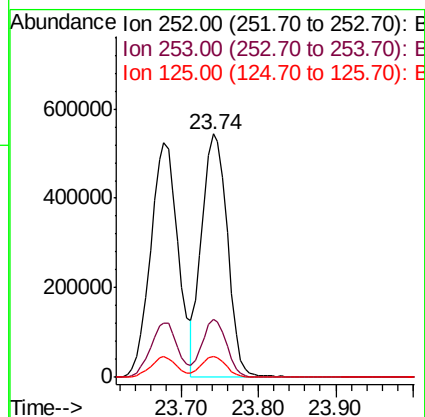
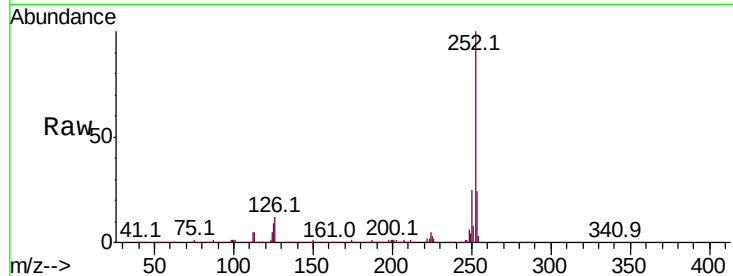




#89
Benzo(k)fluoranthene
Concen: 40.107 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

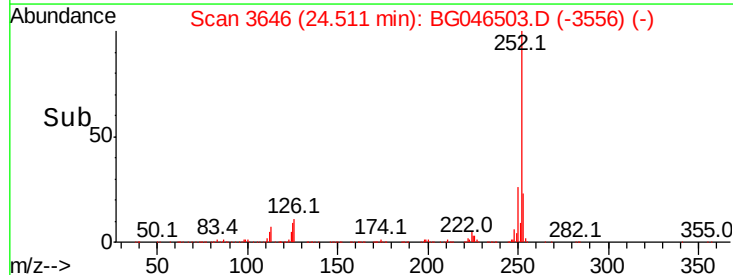
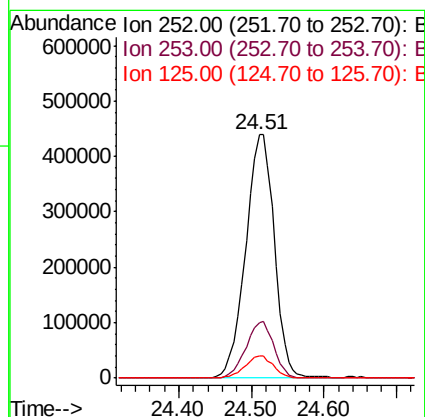
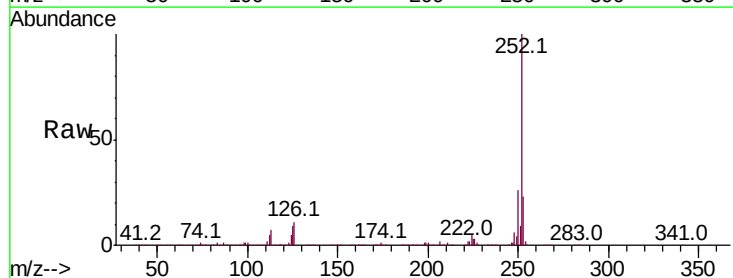
Instrument :
BNA_G
ClientSampleId :
PB131362BS

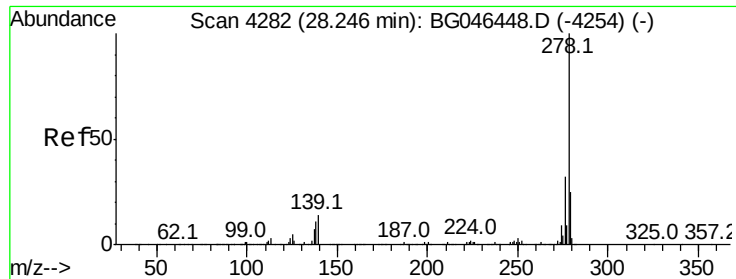
Tot Ion:252 Resp: 1251906
Ion Ratio Lower Upper
252 100
253 24.1 18.5 27.7
125 8.7 6.8 10.2



#90
Benzo(a)pyrene
Concen: 39.984 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion:252 Resp: 1205145
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 9.3 7.4 11.0



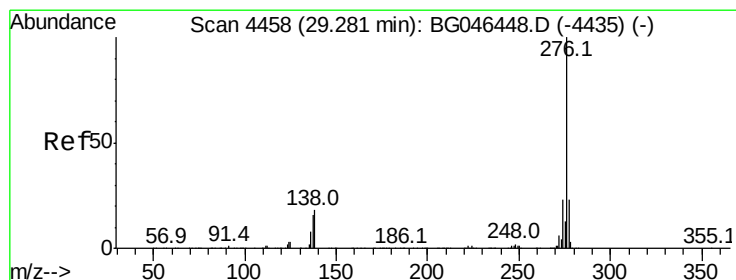
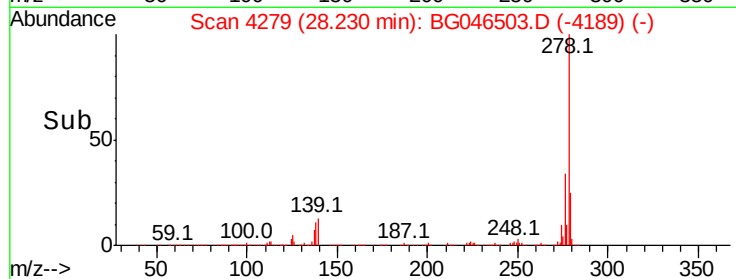
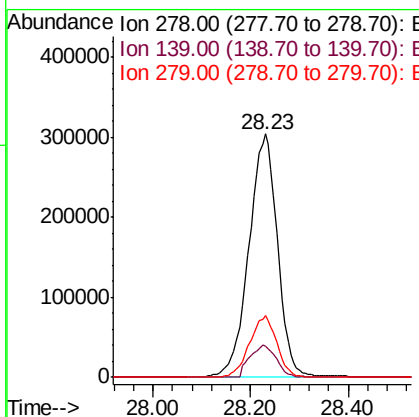
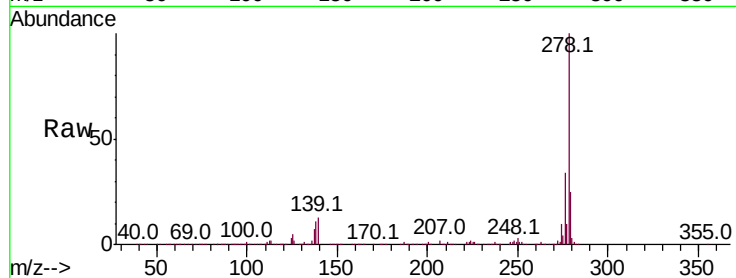


#91
Dibenzo(a,h)anthracene
Concen: 41.558 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion:278 Resp: 1245860

Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.2	16.8
279	25.3	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 42.598 ng
RT: 29.27 min Scan# 4456
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion:276 Resp: 1275234

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	17.6	14.7	22.1

