

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046501.D
 Acq On : 2 Sep 2020 10:37
 Operator : CG/JU
 Sample : PB131340BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Quant Time: Sep 02 15:09:11 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	77591	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	305281	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	201841	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	482080	20.00	ng	0.00
76) Chrysene-d12	21.55	240	496513	20.00	ng	0.00
86) Perylene-d12	24.66	264	539495	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	496785	113.40	ng	0.00
7) Phenol-d6	7.11	99	639258	102.94	ng	0.00
23) Nitrobenzene-d5	9.09	82	410694	76.89	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	287577	105.15	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1036277	78.38	ng	0.00
79) Terphenyl-d14	19.92	244	1698598	72.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	57269	31.423	ng	99
3) Pyridine	3.81	79	141101	26.461	ng	96
4) n-Nitrosodimethylamine	3.72	42	82521	41.959	ng	95
6) Aniline	7.25	93	223633	32.001	ng	98
8) 2-Chlorophenol	7.50	128	205653	44.417	ng	99
9) Benzaldehyde	7.06	77	115569	33.216	ng	96
10) Phenol	7.14	94	248982	43.529	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	184348	40.096	ng	98
12) 1,3-Dichlorobenzene	7.82	146	224938	38.265	ng	98
13) 1,4-Dichlorobenzene	7.96	146	229975	39.078	ng	98
14) 1,2-Dichlorobenzene	8.28	146	220756	39.121	ng	97
15) Benzyl Alcohol	8.17	79	174262	43.707	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	284041	39.829	ng	98
17) 2-Methylphenol	8.38	107	175186	43.187	ng	99
18) Hexachloroethane	9.02	117	77580	38.880	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	149630	40.281	ng	97
20) 3+4-Methylphenols	8.70	107	239883	42.844	ng	99
22) Acetophenone	8.75	105	291321	39.203	ng	# 98
24) Nitrobenzene	9.13	77	215097	40.762	ng	98
25) Isophorone	9.65	82	409310	41.798	ng	98
26) 2-Nitrophenol	9.84	139	118587	42.594	ng	98
27) 2,4-Dimethylphenol	9.91	122	192146	50.178	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	249555	39.593	ng	100
29) 2,4-Dichlorophenol	10.38	162	220140	43.125	ng	97
30) 1,2,4-Trichlorobenzene	10.59	180	233866	38.613	ng	99
31) Naphthalene	10.78	128	597990	40.118	ng	99
32) Benzoic acid	10.06	122	85147	33.881	ng	97
33) 4-Chloroaniline	10.88	127	156903	23.872	ng	98
34) Hexachlorobutadiene	11.07	225	149644	38.060	ng	99
35) Caprolactam	11.65	113	43362	22.725	ng	99
36) 4-Chloro-3-methylphenol	12.02	107	212808	42.624	ng	95
37) 2-Methylnaphthalene	12.38	142	471401	40.099	ng	99
38) 1-Methylnaphthalene	12.61	142	450401	40.447	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	279319	41.965	ng	99

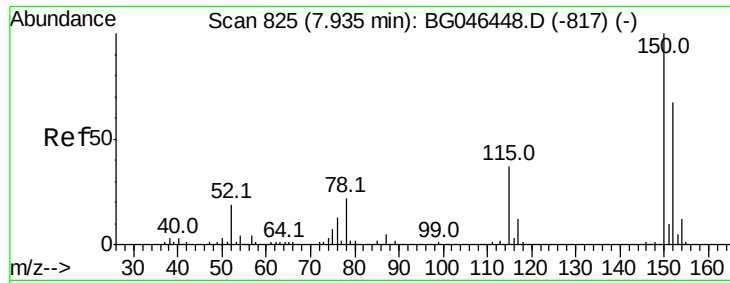
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046501.D
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 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	348849	120.535	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	191724	42.685	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	209272	44.345	ng	97
46) 1,1'-Biphenyl	13.39	154	610213	43.453	ng	99
47) 2-Chloronaphthalene	13.43	162	475216	39.912	ng	99
48) 2-Nitroaniline	13.63	65	134712	40.746	ng	100
49) Acenaphthylene	14.28	152	770689	42.671	ng	99
50) Dimethylphthalate	14.02	163	636070	40.733	ng	100
51) 2,6-Dinitrotoluene	14.13	165	147704	42.910	ng	99
52) Acenaphthene	14.63	154	459362	41.043	ng	100
53) 3-Nitroaniline	14.46	138	98812	26.501	ng	99
54) 2,4-Dinitrophenol	14.67	184	180974	90.071	ng	96
55) Dibenzofuran	14.96	168	745319	41.495	ng	99
56) 4-Nitrophenol	14.79	139	244738	89.187	ng	96
57) 2,4-Dinitrotoluene	14.93	165	211608	43.114	ng	98
58) Fluorene	15.61	166	620939	41.189	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	201361	43.939	ng	98
60) Diethylphthalate	15.38	149	630922	41.440	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	339977	40.949	ng	97
62) 4-Nitroaniline	15.63	138	146678	37.283	ng	96
63) Azobenzene	15.90	77	530040	42.798	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	136544	50.042	ng	97
66) n-Nitrosodiphenylamine	15.82	169	568695	43.727	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	238592	42.422	ng	97
68) Hexachlorobenzene	16.62	284	251575	40.388	ng	96
69) Atrazine	16.77	200	213467	40.234	ng	99
70) Pentachlorophenol	16.97	266	310657	95.457	ng	99
71) Phenanthrene	17.35	178	1024229	41.916	ng	99
72) Anthracene	17.44	178	1055206	43.769	ng	99
73) Carbazole	17.71	167	984169	43.237	ng	100
74) Di-n-butylphthalate	18.27	149	1115671	42.625	ng	99
75) Fluoranthene	19.36	202	1342116	42.681	ng	100
77) Benzidine	19.53	184	524134	45.429	ng	98
78) Pyrene	19.71	202	1342570	42.463	ng	99
80) Butylbenzylphthalate	20.61	149	524097	42.497	ng	97
81) Benzo(a)anthracene	21.54	228	1310073	42.332	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	349046	30.392	ng	99
83) Chrysene	21.60	228	1260308	42.336	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	735235	43.686	ng	98
85) Di-n-octyl phthalate	22.62	149	1288289	44.705	ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1600187	41.298	ng	100
88) Benzo(b)fluoranthene	23.68	252	1376390	40.859	ng	98
89) Benzo(k)fluoranthene	23.74	252	1322055	40.608	ng	99
90) Benzo(a)pyrene	24.51	252	1269979	40.397	ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1300097	41.579	ng	98
92) Benzo(g,h,i)perylene	29.26	276	1346405	43.121	ng	98

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

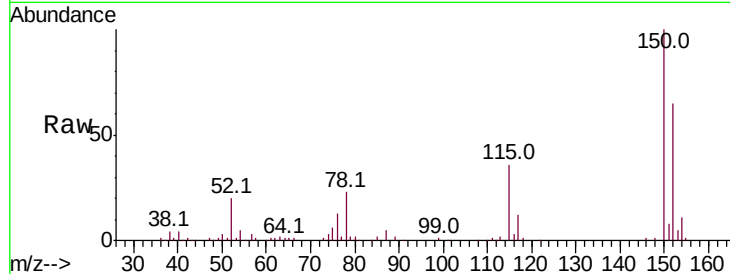


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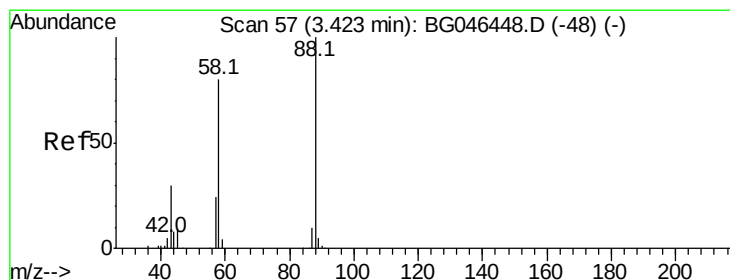
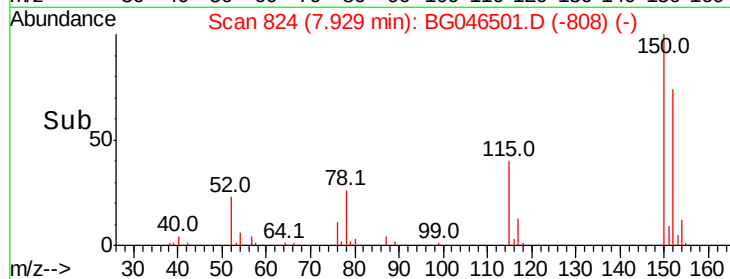
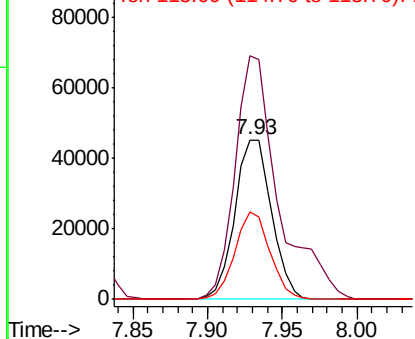
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion:152 Resp: 77591
 Ion Ratio Lower Upper
 152 100
 150 152.9 119.5 179.3
 115 54.7 44.3 66.5



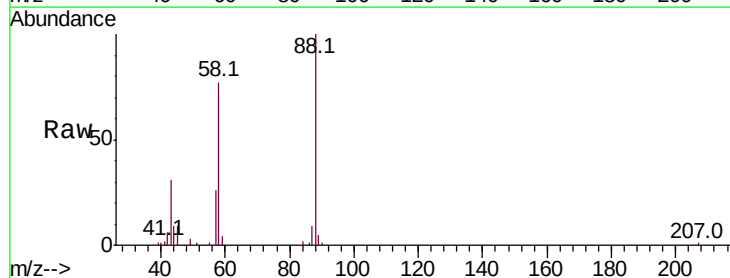
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



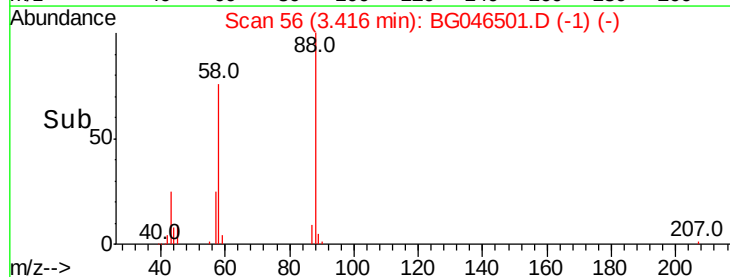
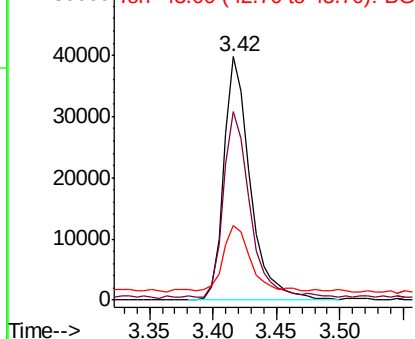
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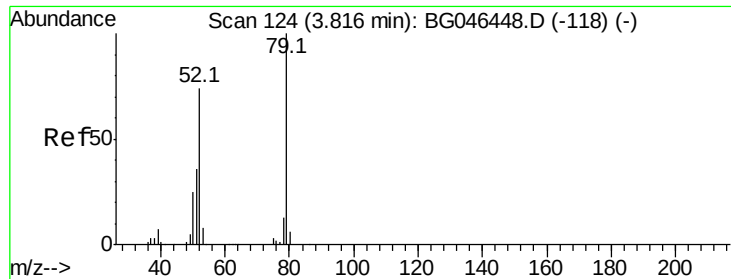
1,4-Dioxane
 Concen: 31.423 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion: 88 Resp: 57269
 Ion Ratio Lower Upper
 88 100
 58 76.1 61.4 92.2
 43 26.6 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: 26.461 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

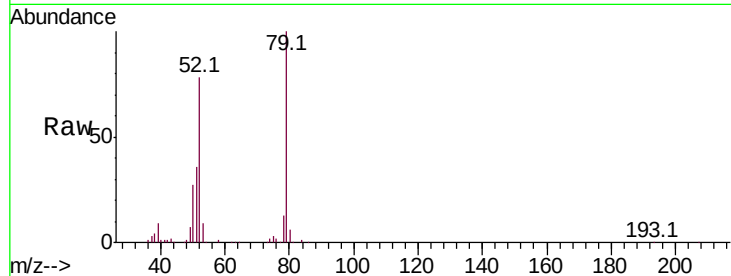
Tot Ion: 79 Resp: 141101

Ion Ratio Lower Upper

79 100

52 78.3 59.1 88.7

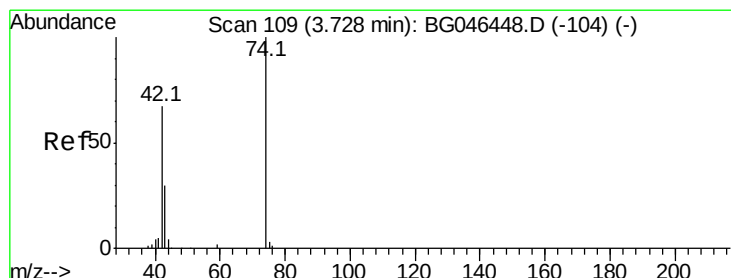
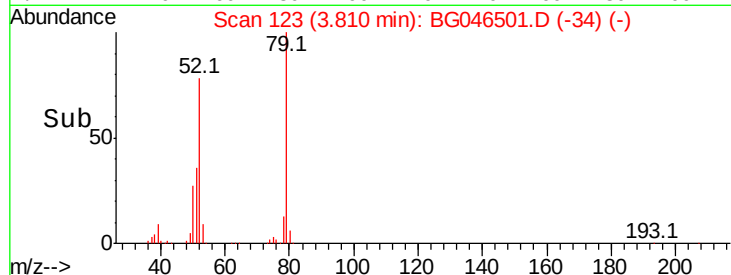
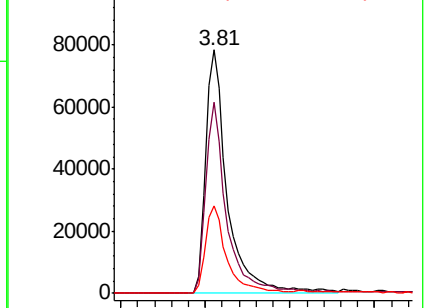
51 36.2 29.0 43.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.959 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

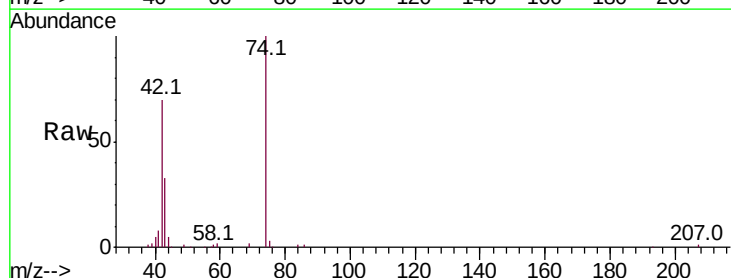
Tgt Ion: 42 Resp: 82521

Ion Ratio Lower Upper

42 100

74 142.2 119.5 179.3

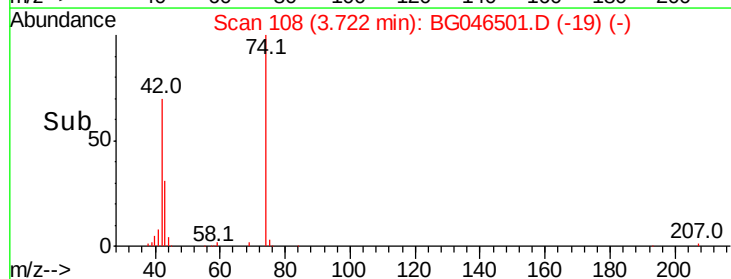
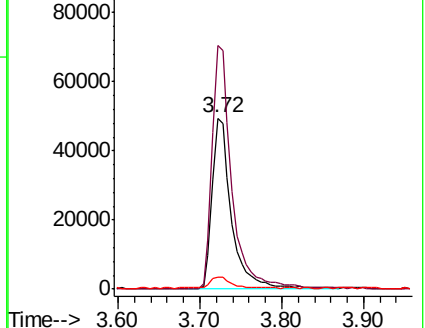
44 6.8 5.7 8.5

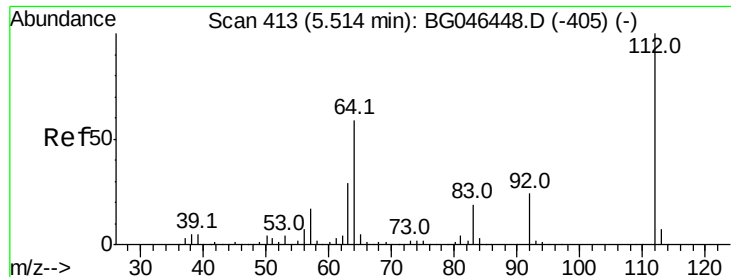


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 113.402 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

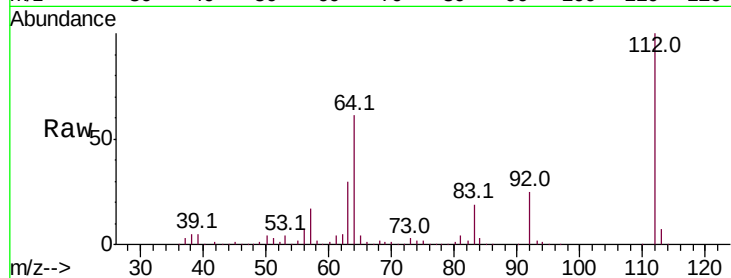
Tot Ion:112 Resp: 496785

Ion Ratio Lower Upper

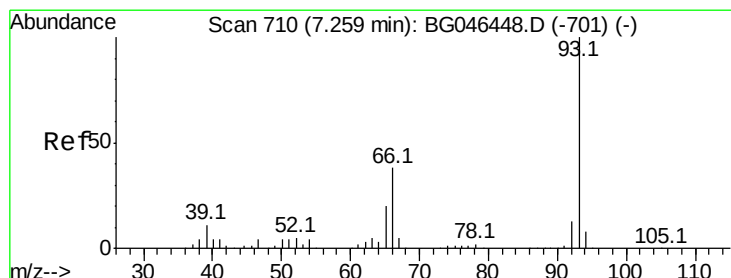
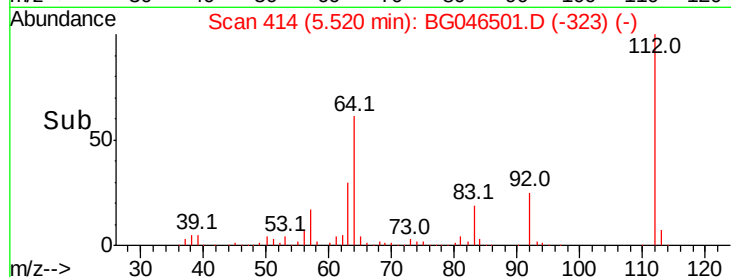
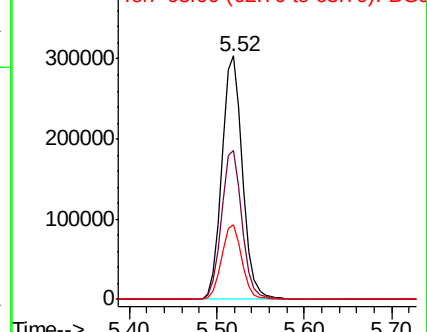
112 100

64 61.3 47.0 70.6

63 30.5 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.001 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

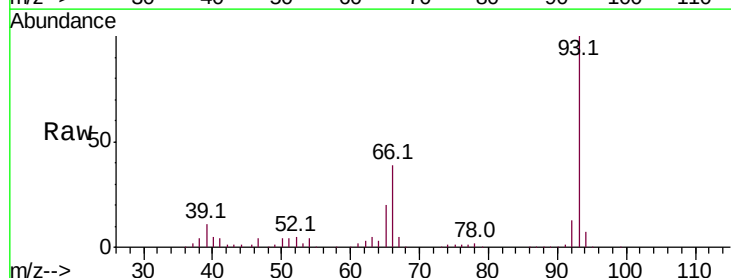
Tgt Ion: 93 Resp: 223633

Ion Ratio Lower Upper

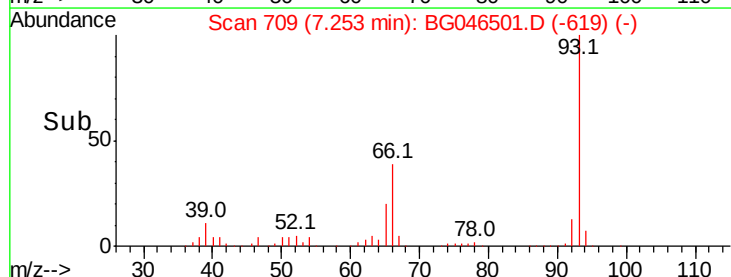
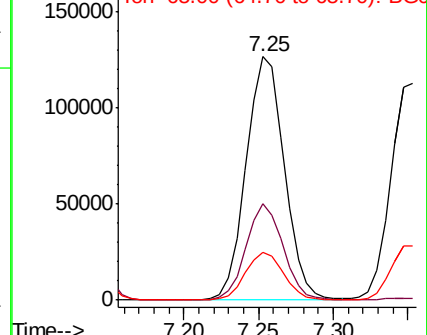
93 100

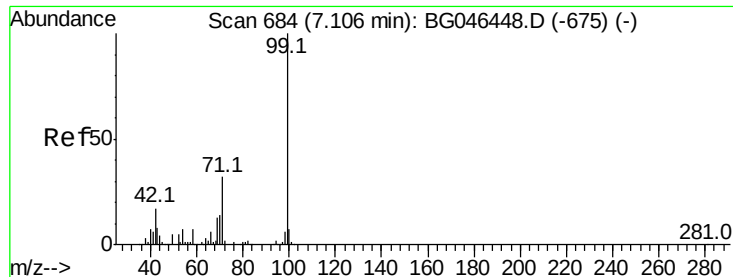
66 39.4 30.4 45.6

65 19.8 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.938 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

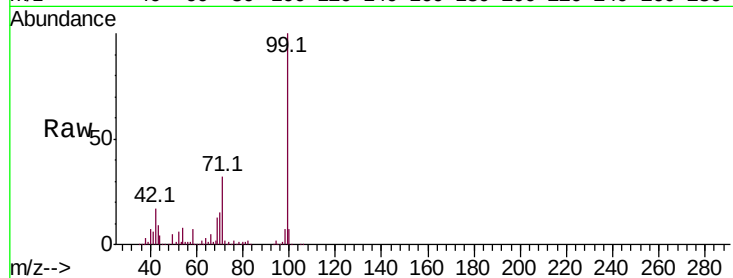
Tot Ion: 99 Resp: 639258

Ion Ratio Lower Upper

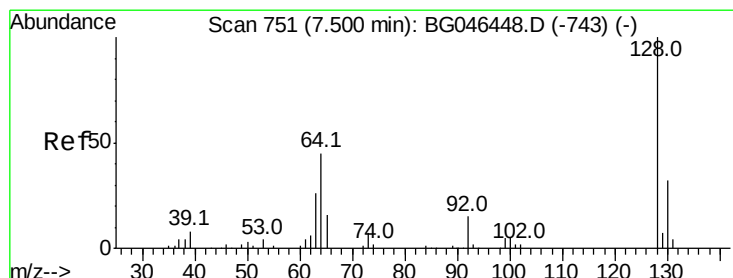
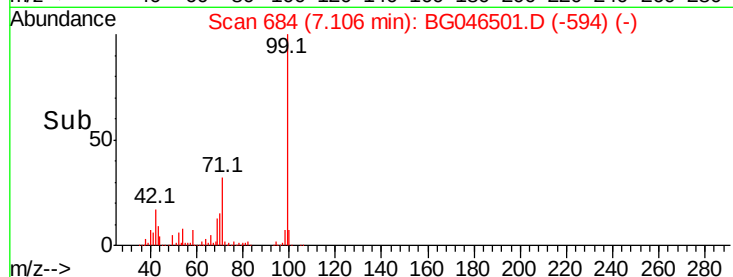
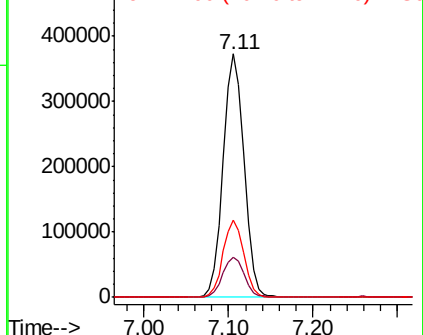
99 100

42 16.7 13.3 19.9

71 31.8 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: 44.417 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

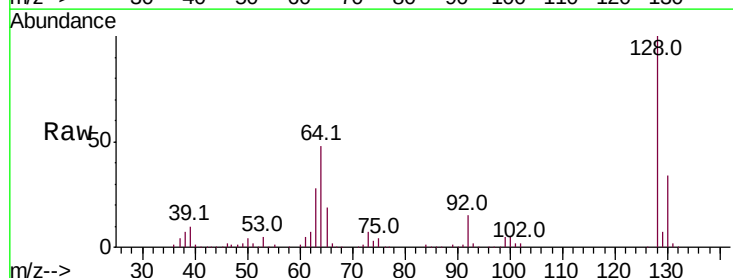
Tgt Ion: 128 Resp: 205653

Ion Ratio Lower Upper

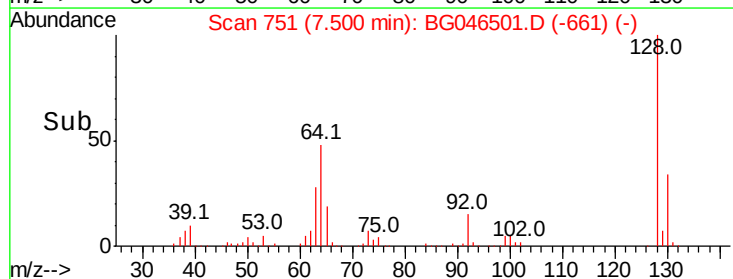
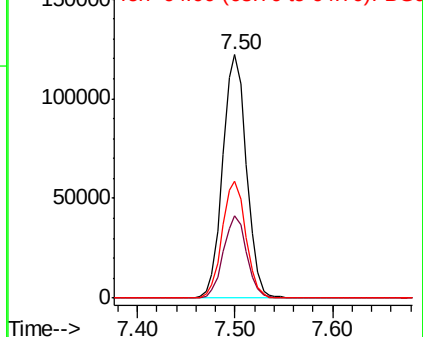
128 100

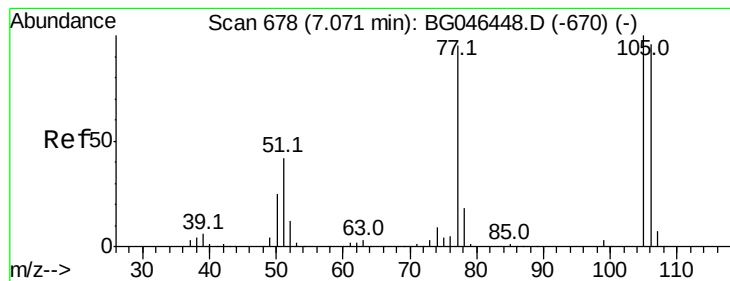
130 33.7 12.4 52.4

64 47.8 28.1 68.1



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





#9

Benzaldehyde

Concen: 33.216 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

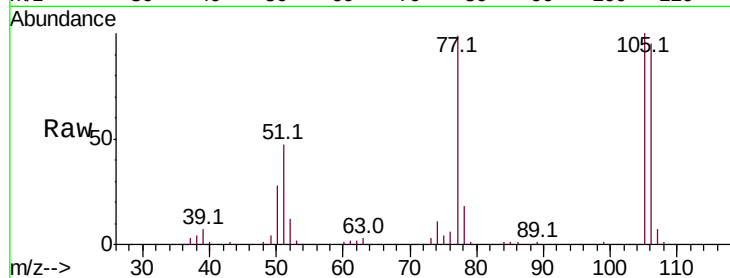
Tot Ion: 77 Resp: 115569

Ion Ratio Lower Upper

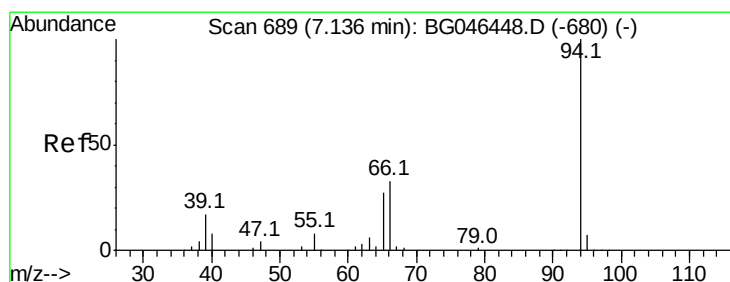
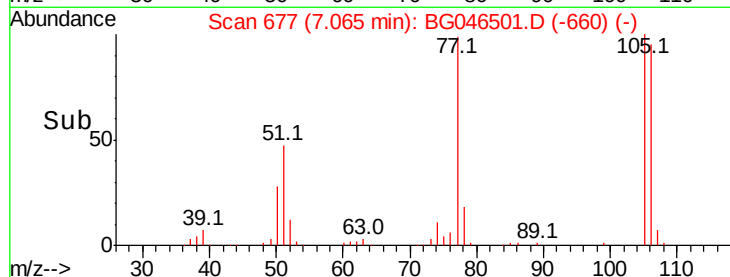
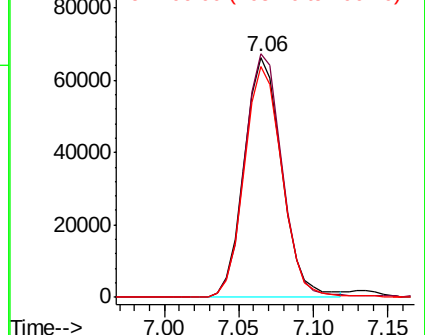
77 100

105 101.5 85.6 125.6

106 96.0 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.529 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

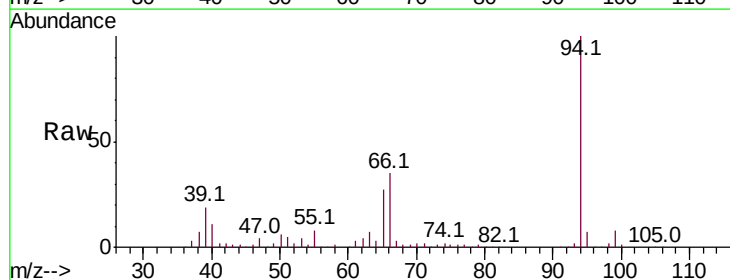
Tgt Ion: 94 Resp: 248982

Ion Ratio Lower Upper

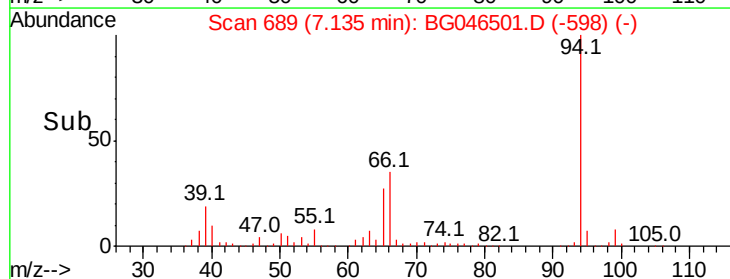
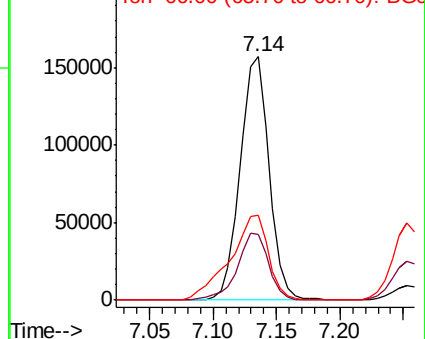
94 100

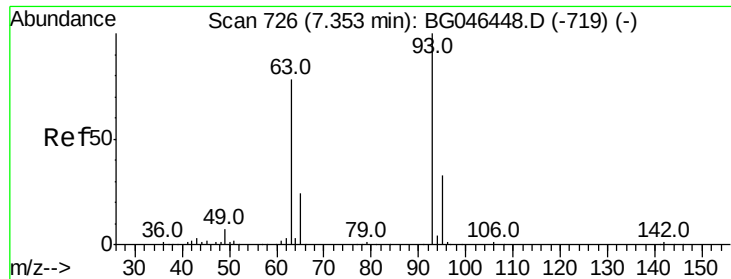
65 27.1 7.5 47.5

66 35.0 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

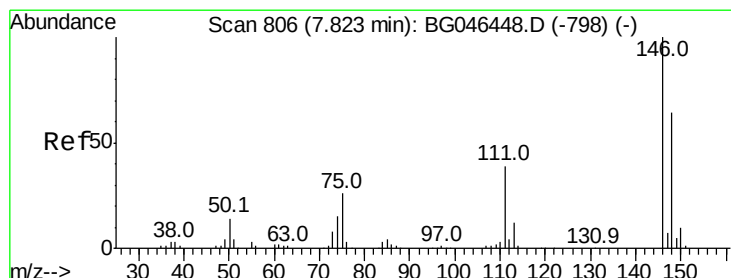
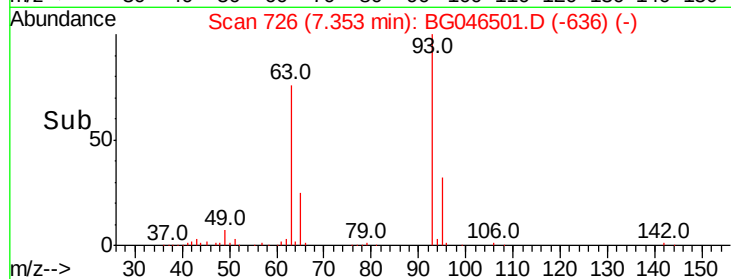
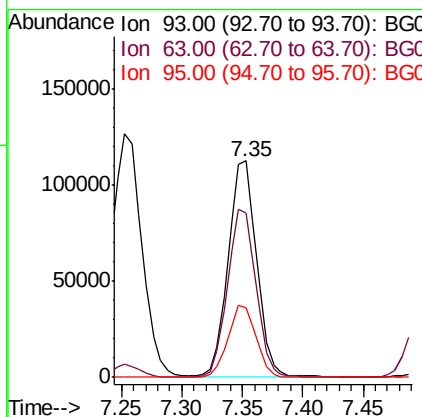
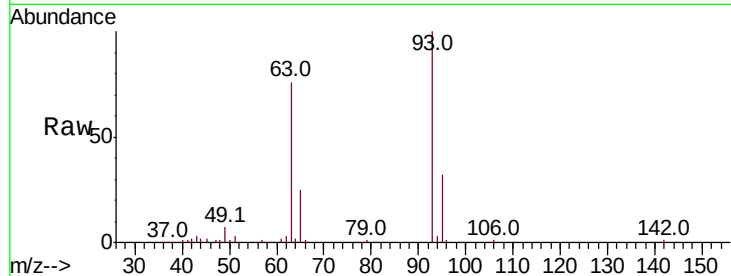




#11
 bis(2-Chloroethyl)ether
 Concen: 40.096 ng
 RT: 7.35 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

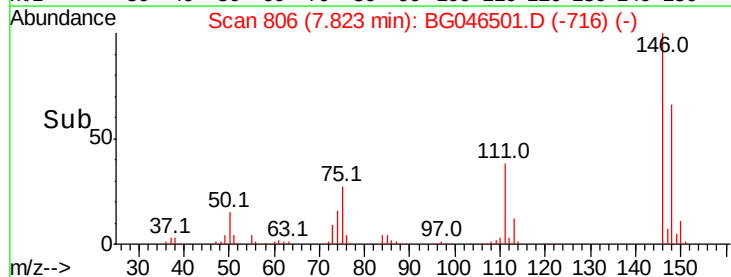
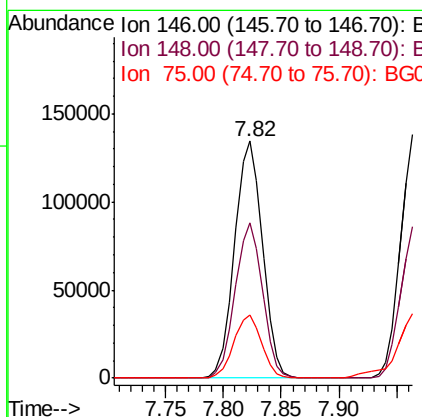
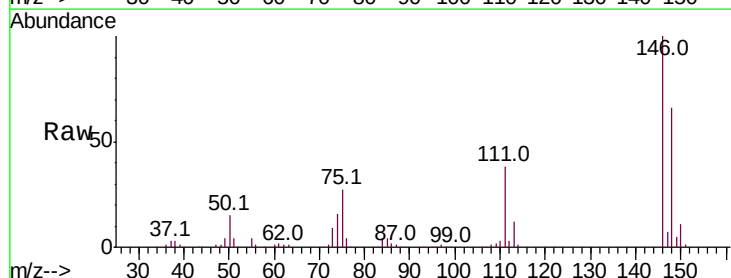
Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

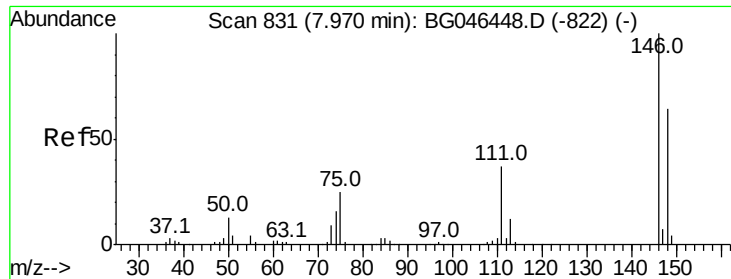
Tot Ion: 93 Resp: 184348
 Ion Ratio Lower Upper
 93 100
 63 75.7 57.7 97.7
 95 32.4 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 38.265 ng
 RT: 7.82 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion: 146 Resp: 224938
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.4 77.0
 75 26.7 20.7 31.1

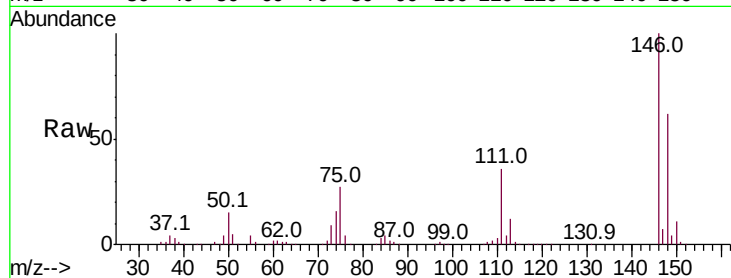




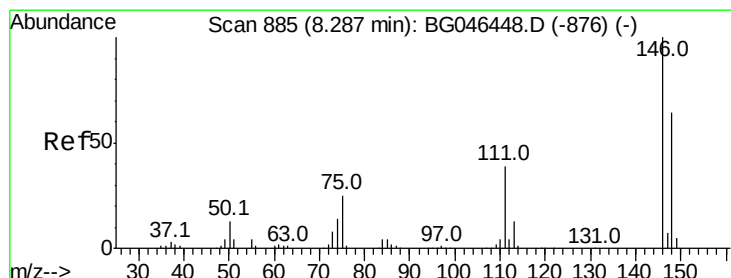
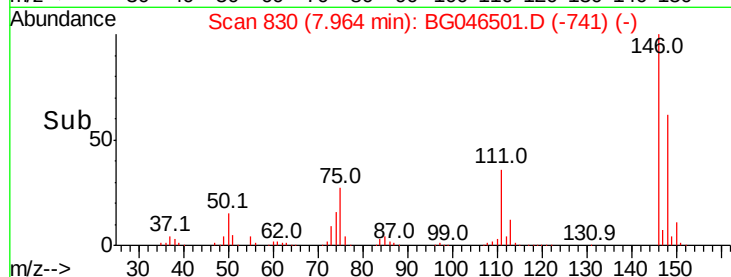
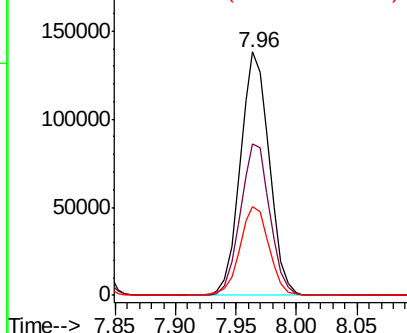
#13
 1,4-Dichlorobenzene
 Concen: 39.078 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.9	76.3
111	36.5	29.8	44.6

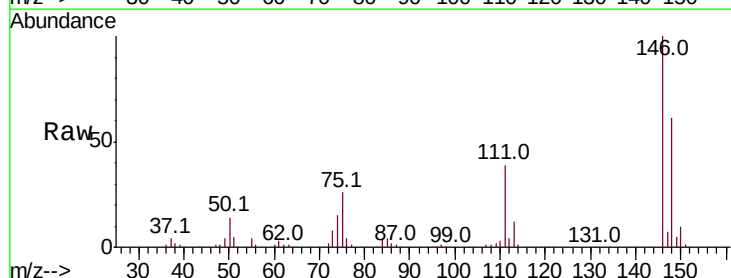


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

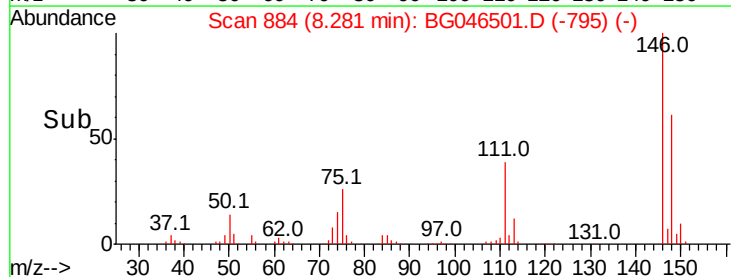
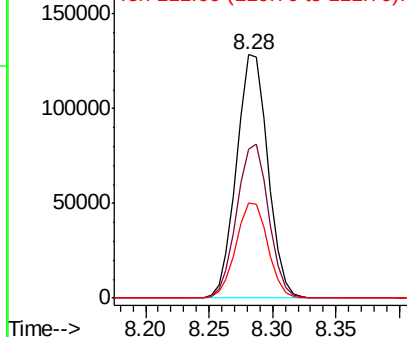


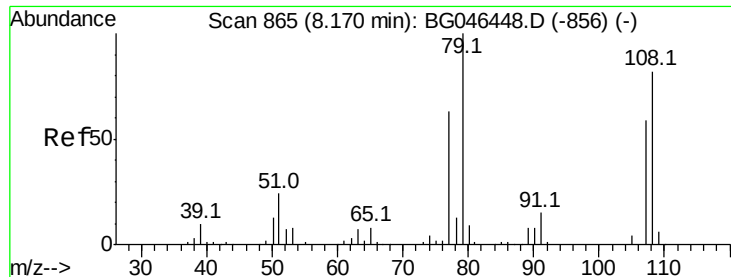
#14
 1,2-Dichlorobenzene
 Concen: 39.121 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	51.4	77.0
111	38.9	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

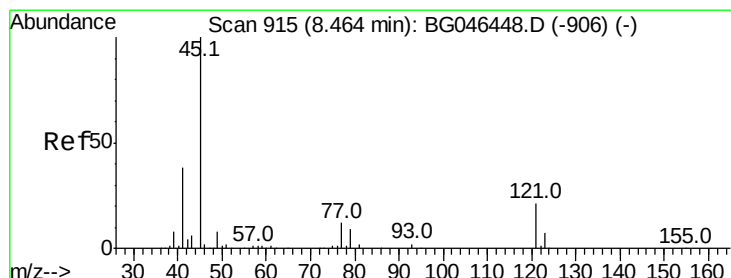
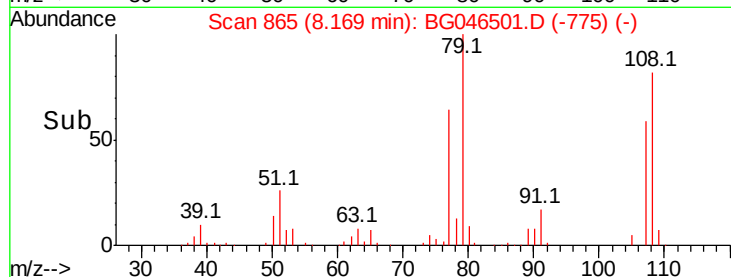
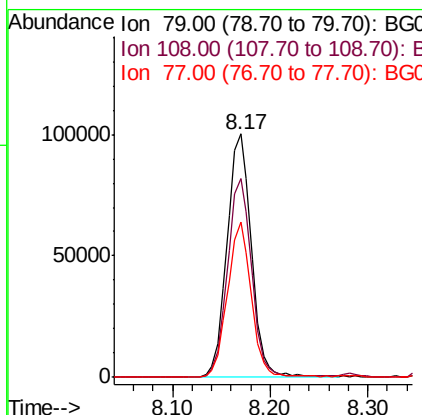
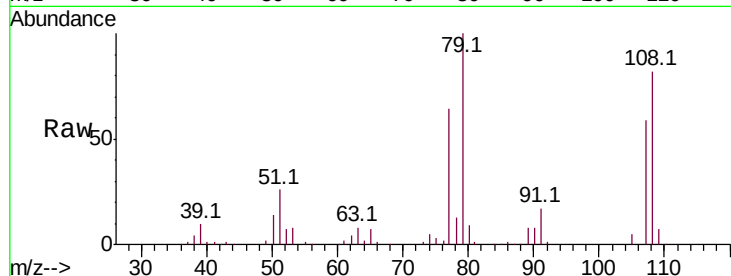




#15
Benzyl Alcohol
Concen: 43.707 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

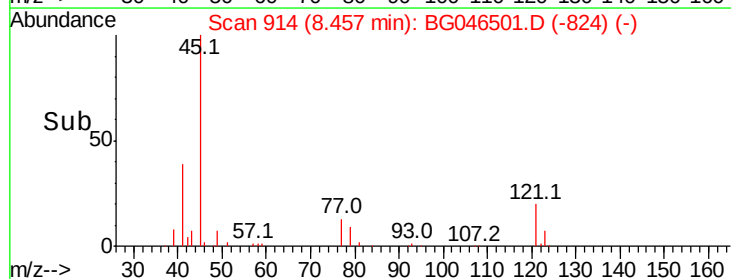
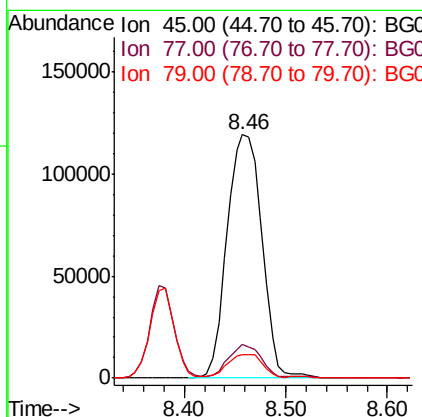
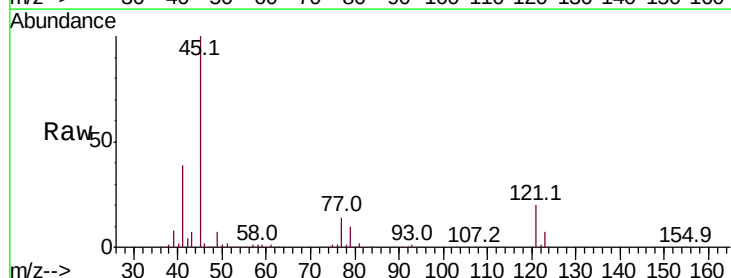
Instrument :
BNA_G
ClientSampleId :
PB131340BS

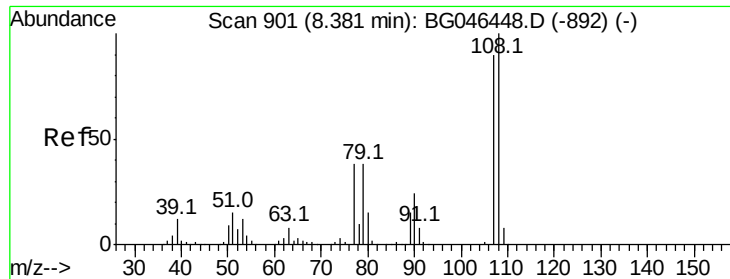
Tot Ion:	79	Resp:	174262
Ion	Ratio	Lower	Upper
79	100		
108	81.8	65.7	98.5
77	64.0	50.3	75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.829 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:	45	Resp:	284041
Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.2
79	9.9	0.0	30.3





#17

2-Methylphenol

Concen: 43.187 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

Tot Ion:107 Resp: 175186

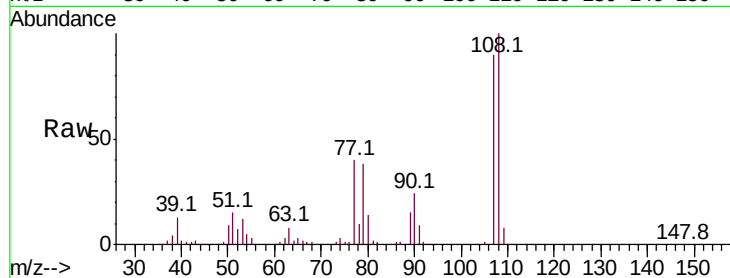
Ion Ratio Lower Upper

107 100

108 111.2 89.4 134.0

77 44.2 34.5 51.7

79 41.8 33.8 50.6

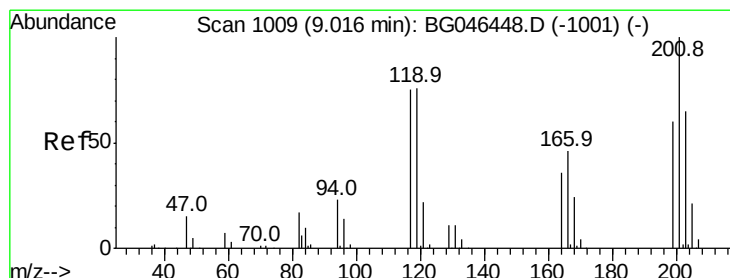
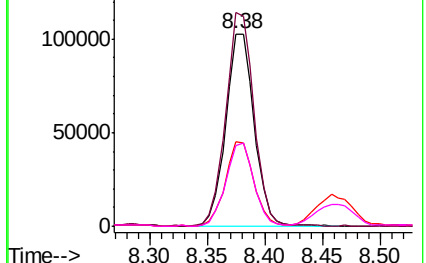
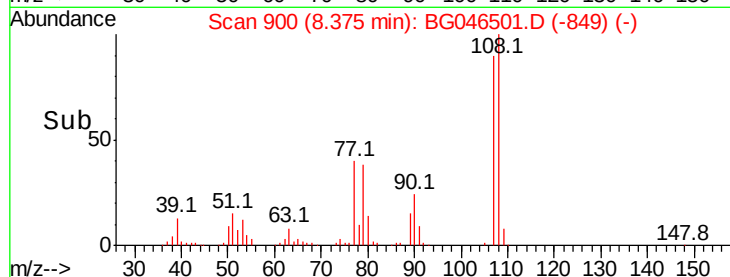


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.880 ng

RT: 9.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

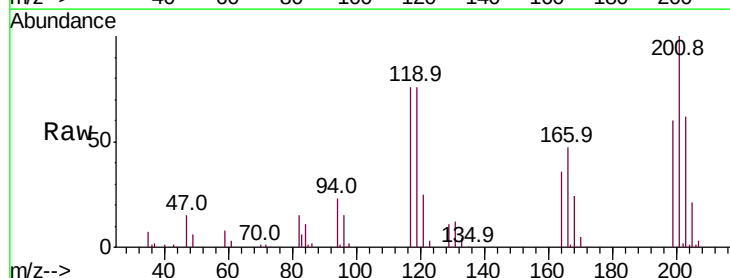
Tgt Ion:117 Resp: 77580

Ion Ratio Lower Upper

117 100

119 99.7 80.8 121.2

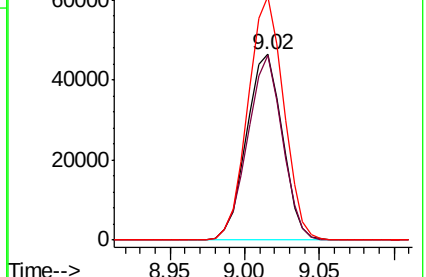
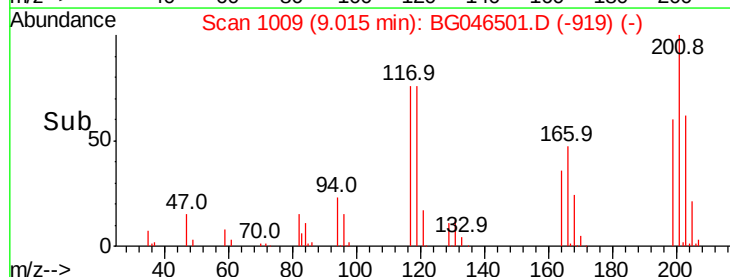
201 131.1 106.7 160.1

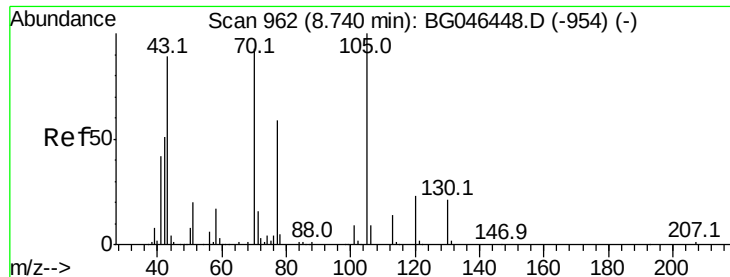


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

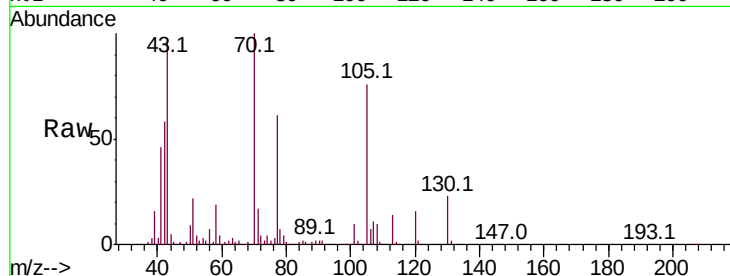




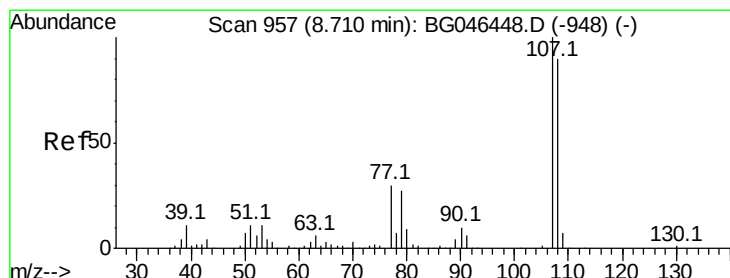
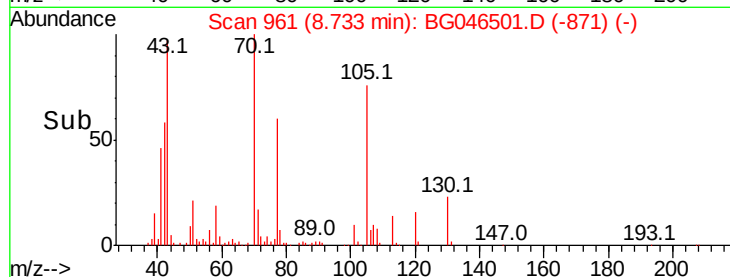
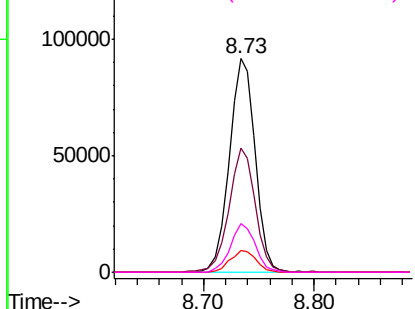
#19
n-Nitroso-di-n-propylamine
Concen: 40.281 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion: 70 Resp: 149630
Ion Ratio Lower Upper
70 100
42 58.0 44.2 66.2
101 10.4 7.8 11.8
130 22.8 18.2 27.4

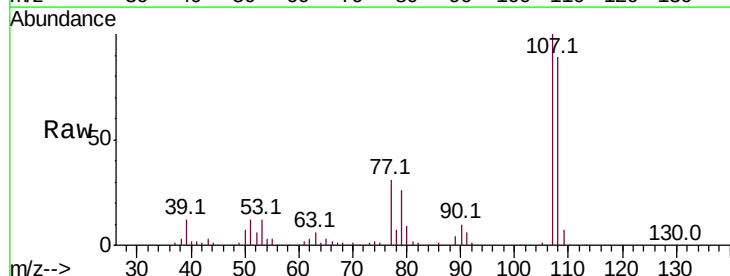


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

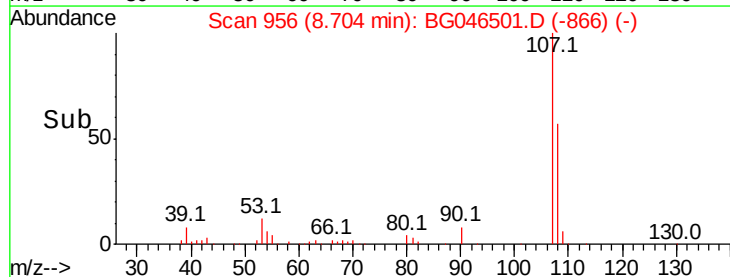
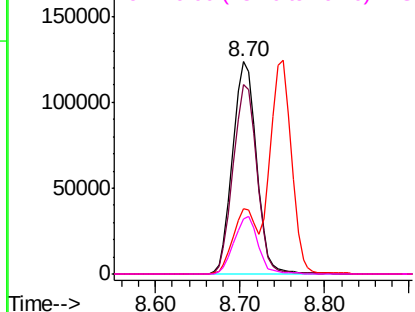


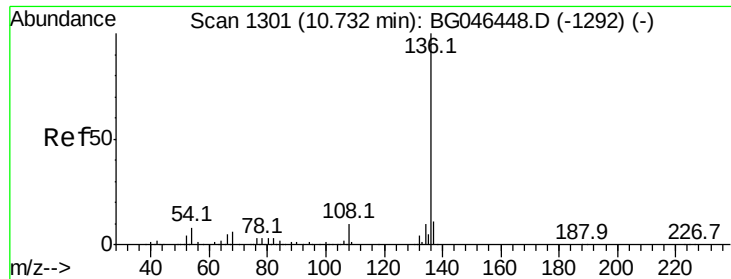
#20
3+4-Methylphenols
Concen: 42.844 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:107 Resp: 239883
Ion Ratio Lower Upper
107 100
108 89.4 69.7 109.7
77 30.8 9.7 49.7
79 26.3 6.9 46.9



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

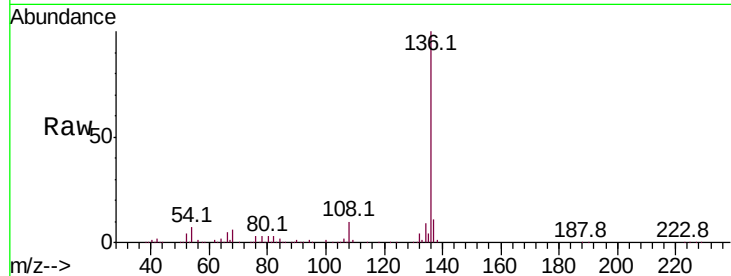




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion:136	Resp:	305281
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 7.4	6.1	9.1
68 5.9	4.8	7.2



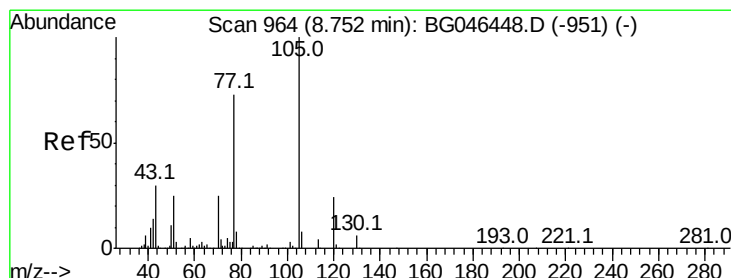
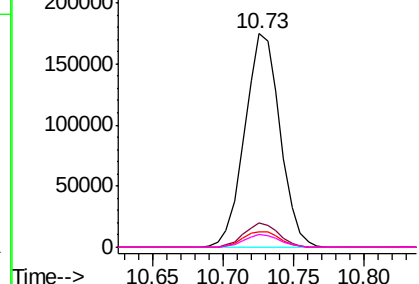
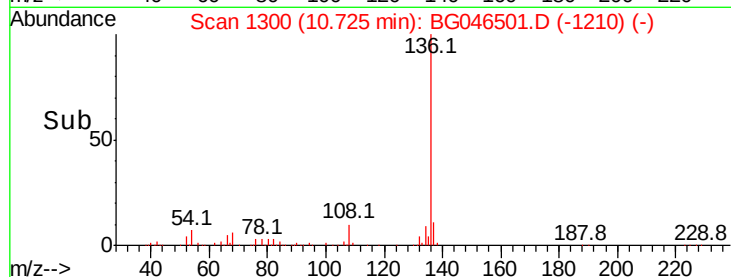
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

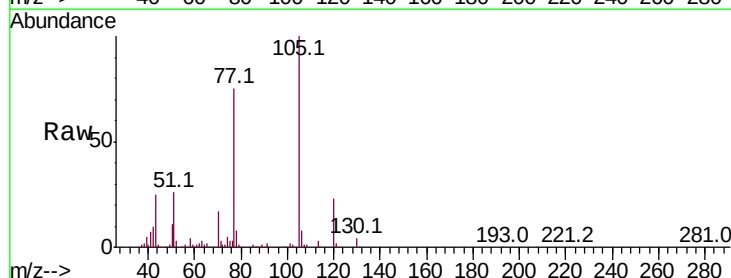
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.203 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt	Ion:105	Resp:	291321
Ion	Ratio	Lower	Upper
105	100		
71	2.8	3.3	4.9#
51	26.4	20.6	31.0
120	22.8	19.0	28.6



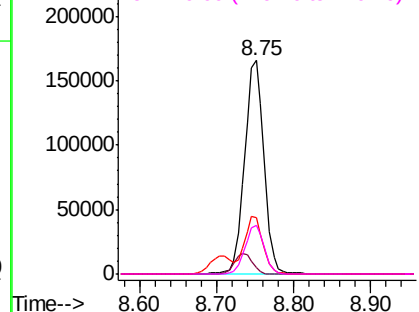
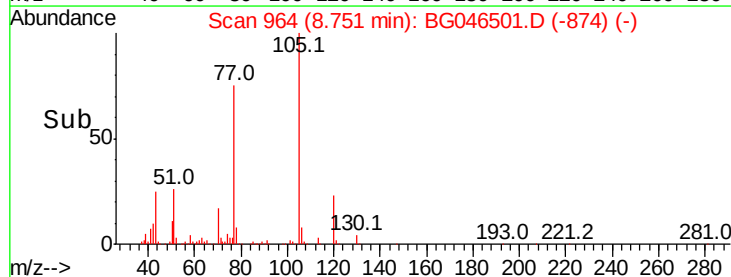
Abundance

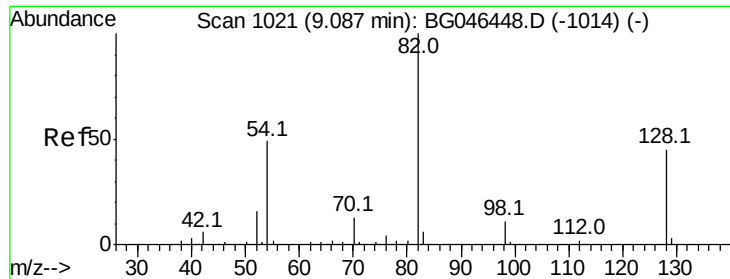
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.891 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

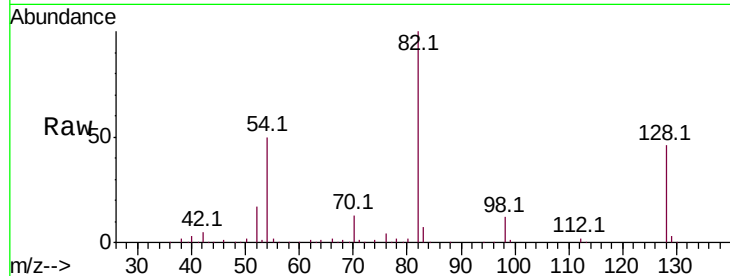
Tot Ion: 82 Resp: 410694

Ion Ratio Lower Upper

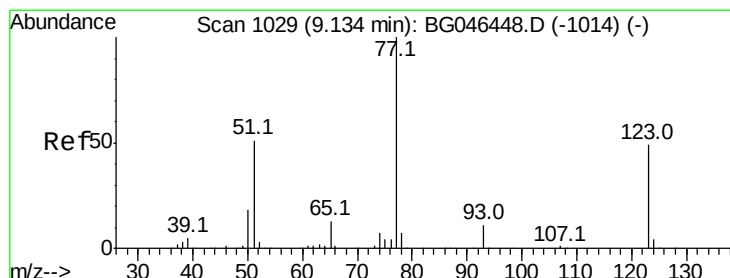
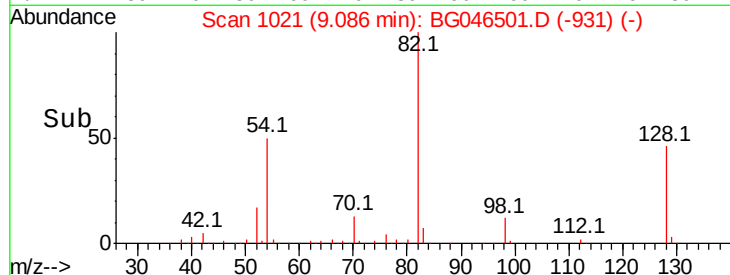
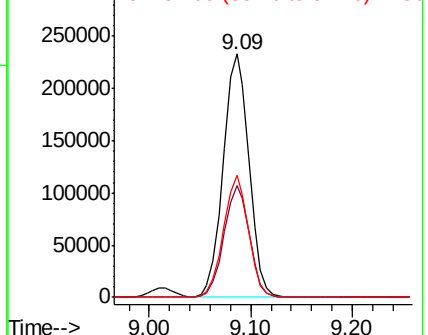
82 100

128 45.7 35.7 53.5

54 50.3 39.4 59.0



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



#24

Nitrobenzene

Concen: 40.762 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

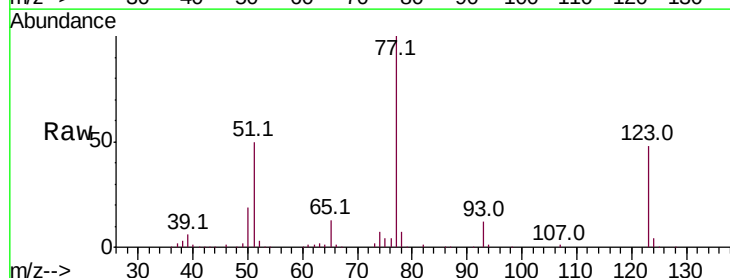
Tgt Ion: 77 Resp: 215097

Ion Ratio Lower Upper

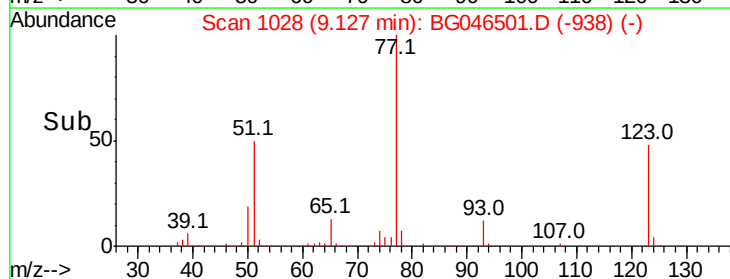
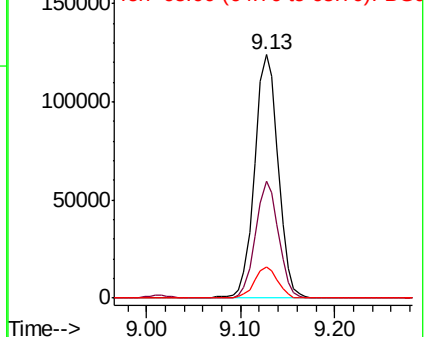
77 100

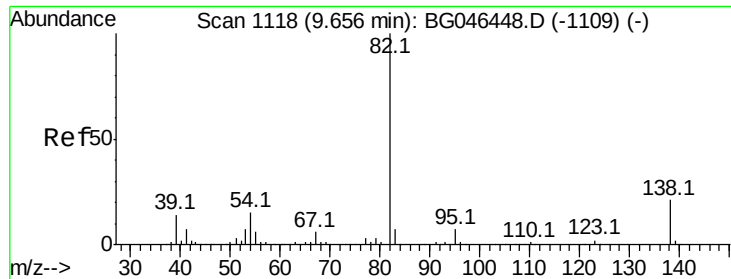
123 48.1 39.6 59.4

65 13.1 10.1 15.1



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





#25

Isophorone

Concen: 41.798 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

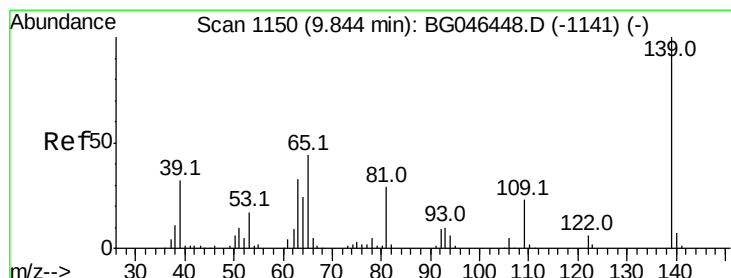
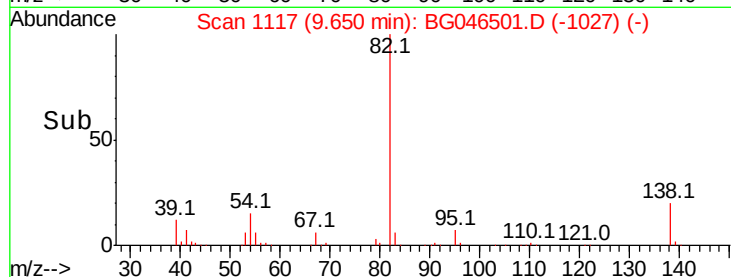
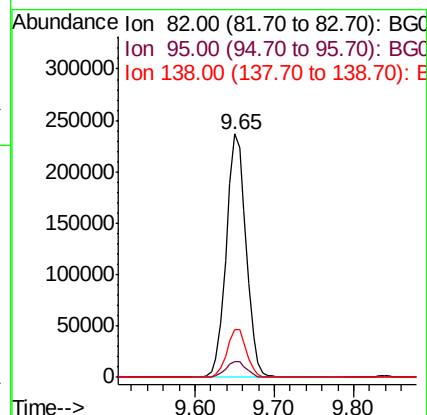
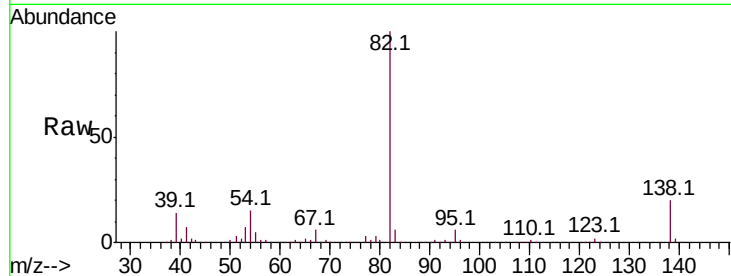
Tot Ion: 82 Resp: 409310

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

138 19.6 16.4 24.6



#26

2-Nitrophenol

Concen: 42.594 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

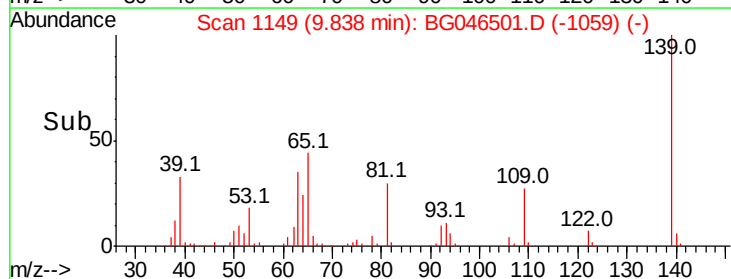
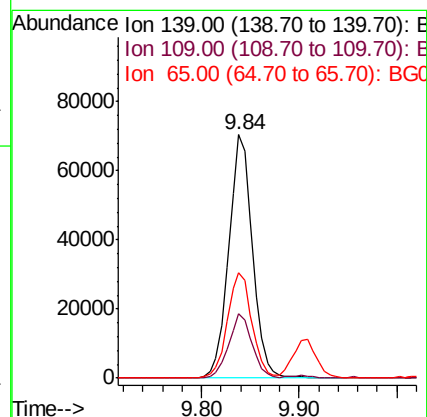
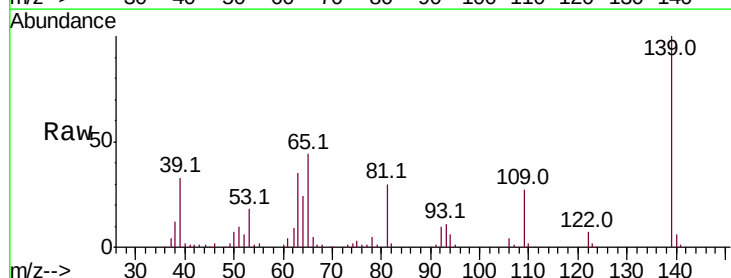
Tgt Ion: 139 Resp: 118587

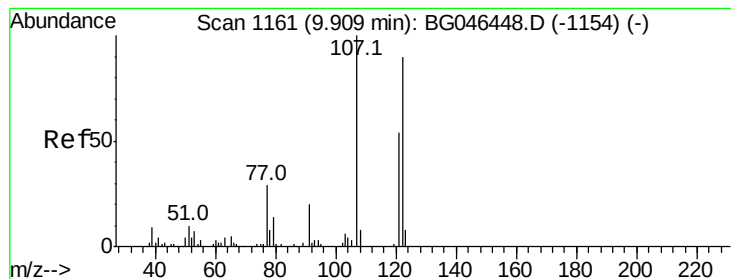
Ion Ratio Lower Upper

139 100

109 26.6 18.8 28.2

65 43.5 35.0 52.6

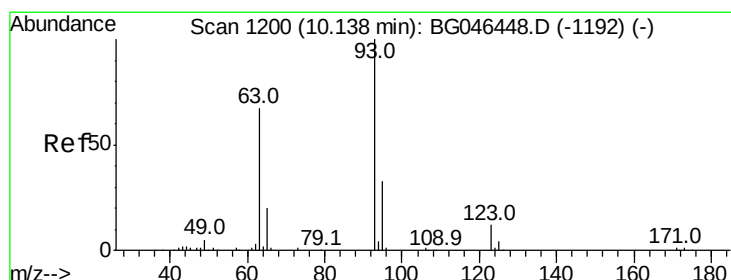
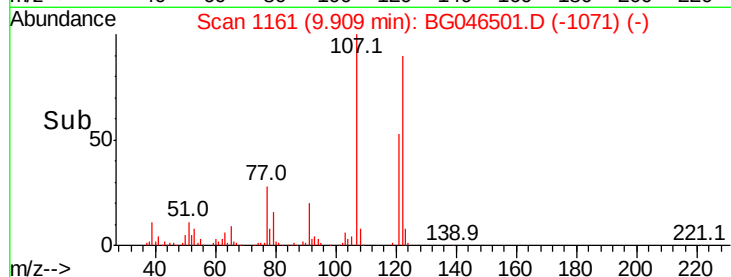
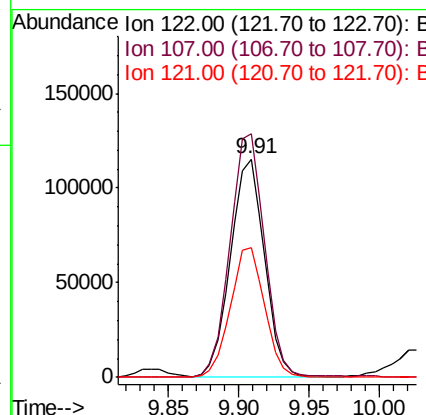
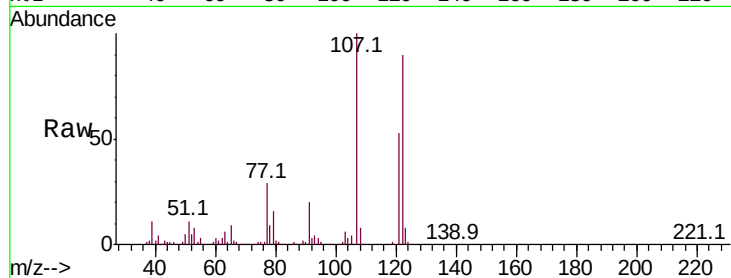




#27
 2,4-Dimethylphenol
 Concen: 50.178 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

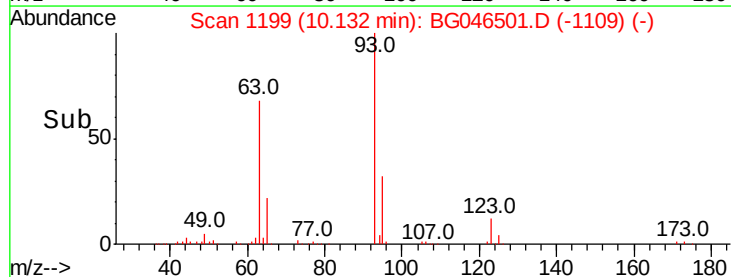
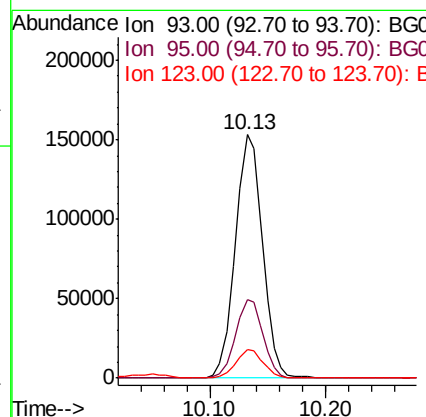
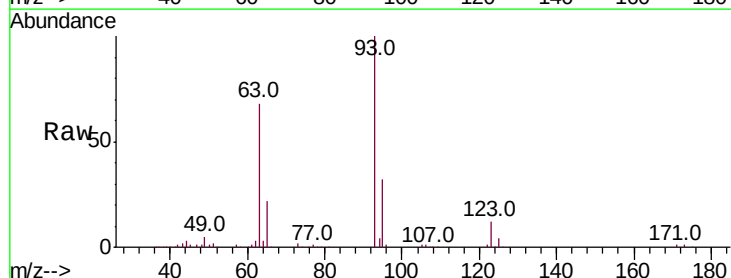
Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

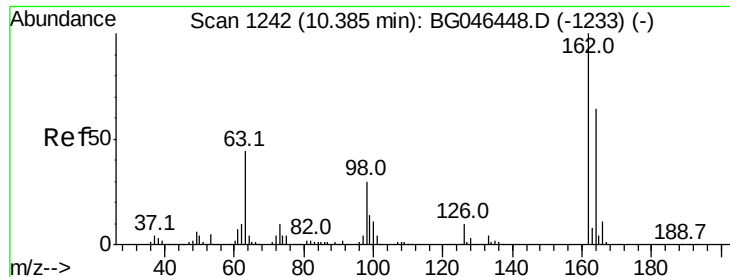
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	88.2	132.2
121	59.4	47.4	71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.593 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.1	39.1
123	11.8	9.5	14.3

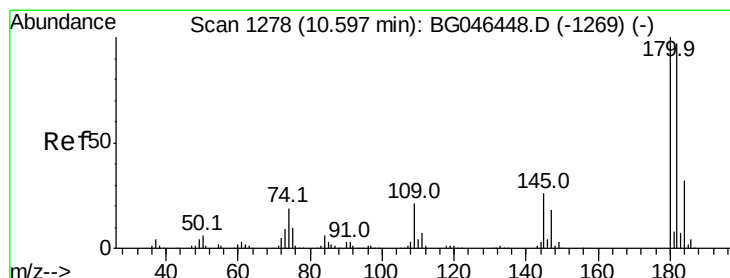
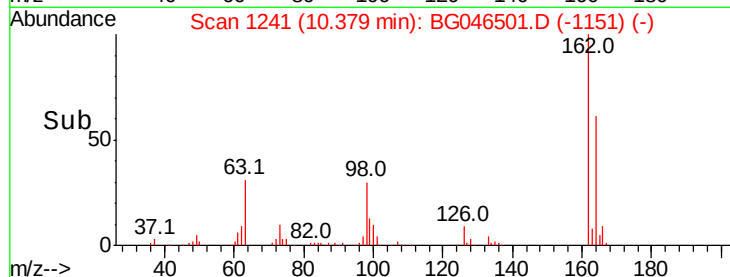
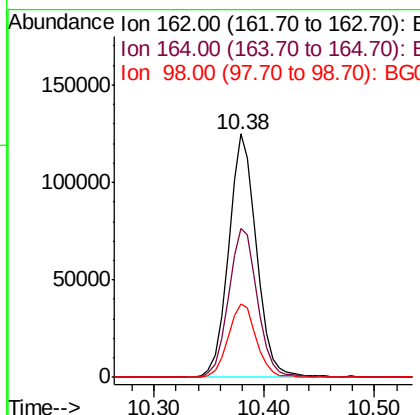
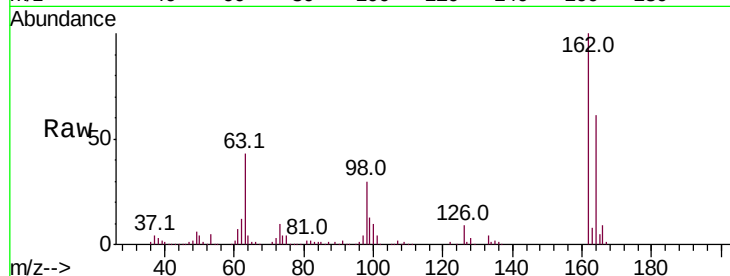




#29
 2,4-Dichlorophenol
 Concen: 43.125 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

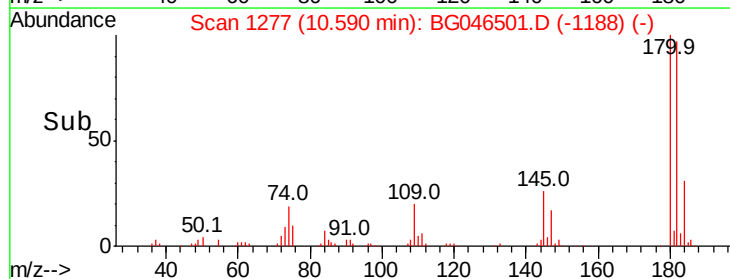
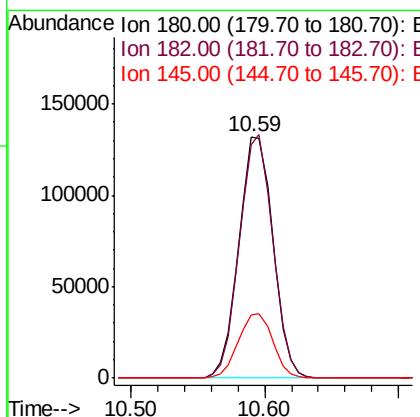
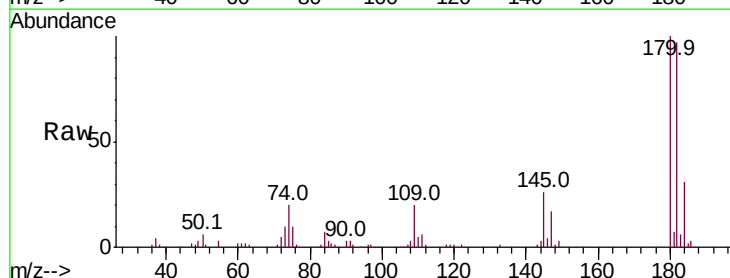
Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

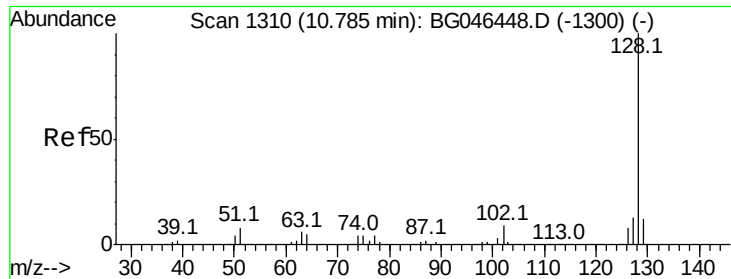
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	44.3	84.3
98	30.0	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.613 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.8	116.8
145	25.9	20.9	31.3

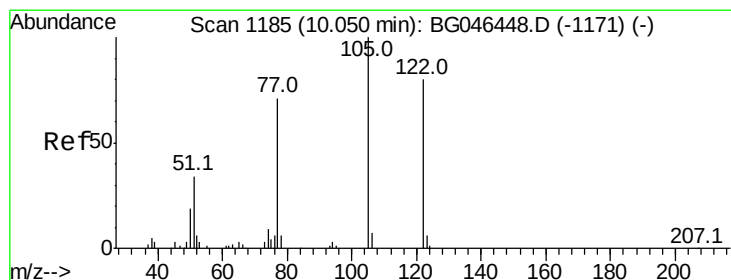
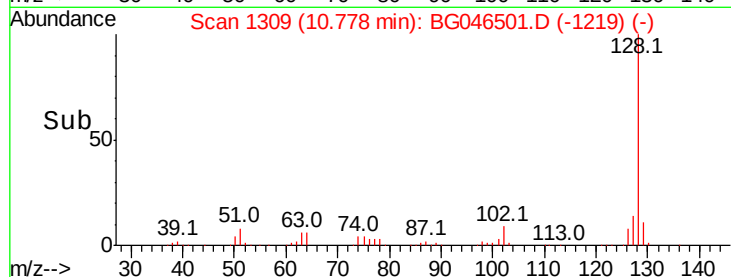
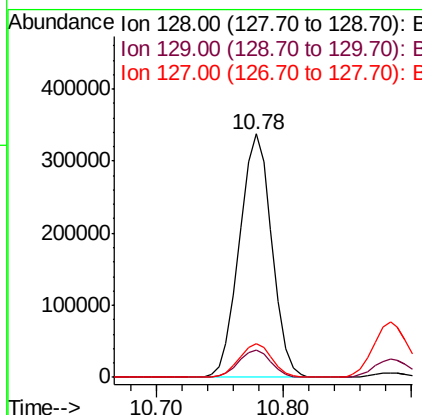
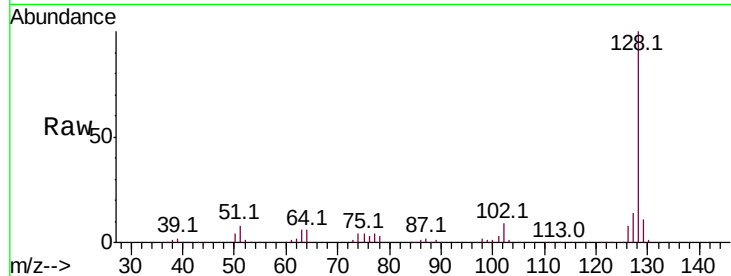




#31
Naphthalene
Concen: 40.118 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

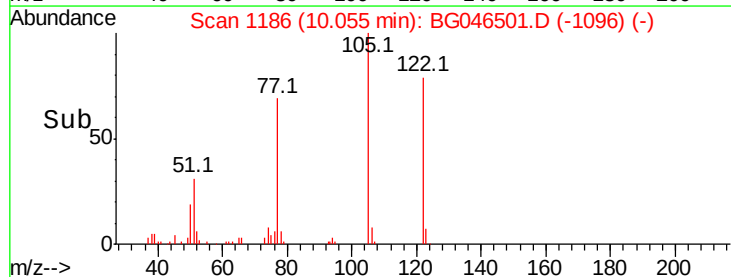
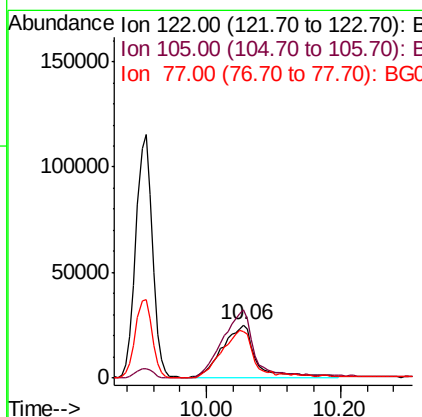
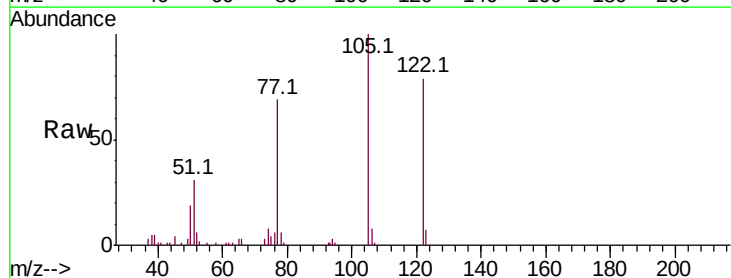
Instrument :
BNA_G
ClientSampleId :
PB131340BS

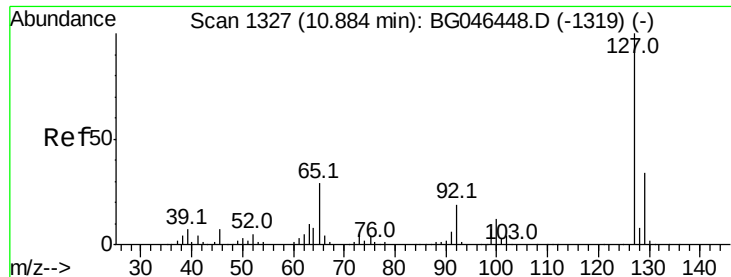
Tot Ion:128 Resp: 597990
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 33.881 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:122 Resp: 85147
Ion Ratio Lower Upper
122 100
105 126.6 102.5 142.5
77 87.1 68.2 108.2

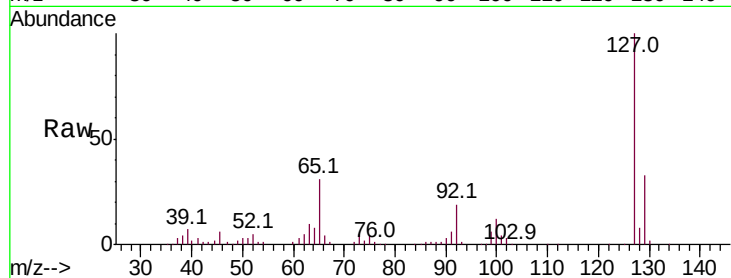




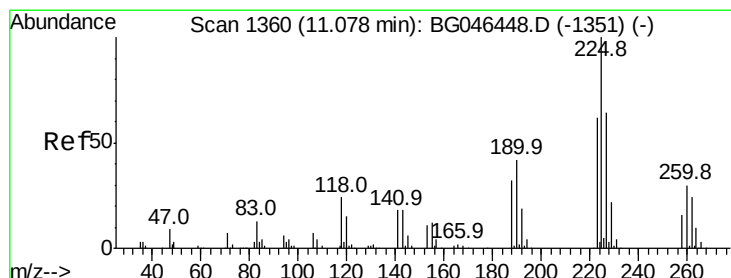
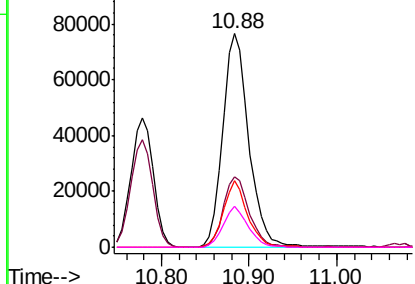
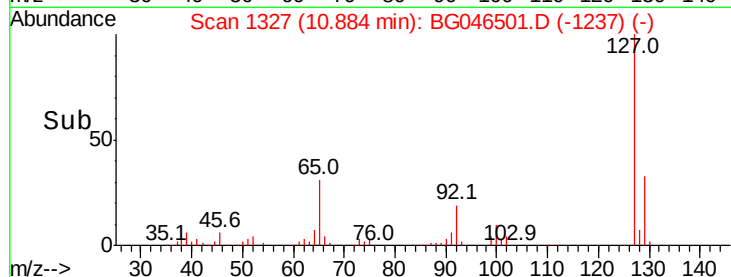
#33
4-Chloroaniline
Concen: 23.872 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion:	127	Resp:	156903
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.0	40.4
65	31.2	23.5	35.3
92	19.1	14.9	22.3

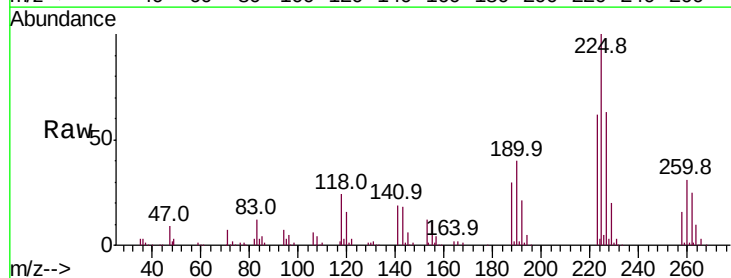


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

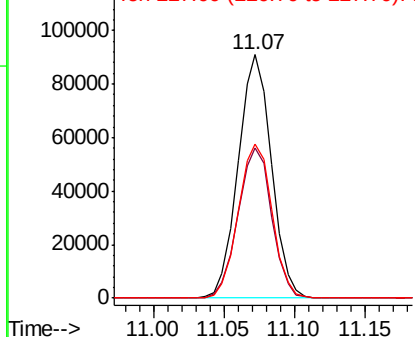
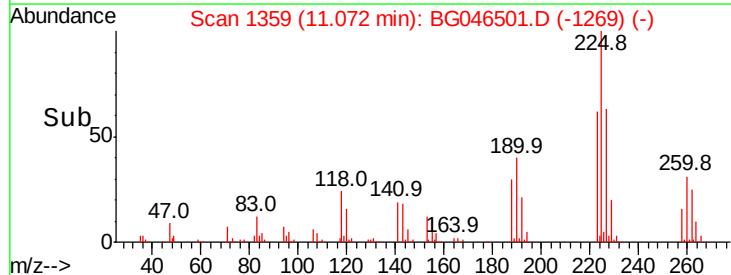


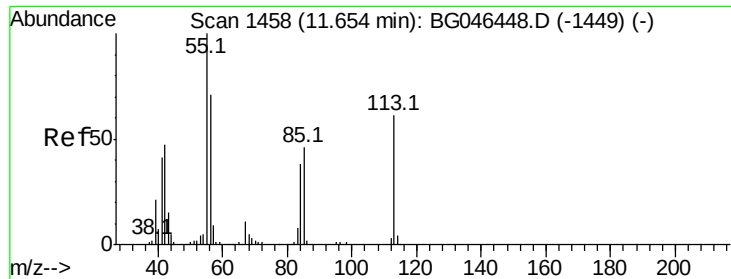
#34
Hexachlorobutadiene
Concen: 38.060 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:	225	Resp:	149644
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.9	74.9
227	63.2	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: 22.725 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

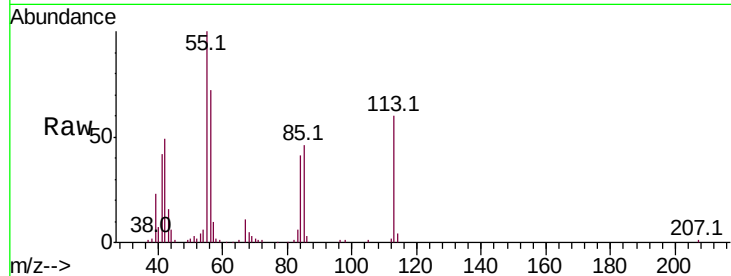
Tot Ion:113 Resp: 43362

Ion Ratio Lower Upper

113 100

55 165.4 144.2 184.2

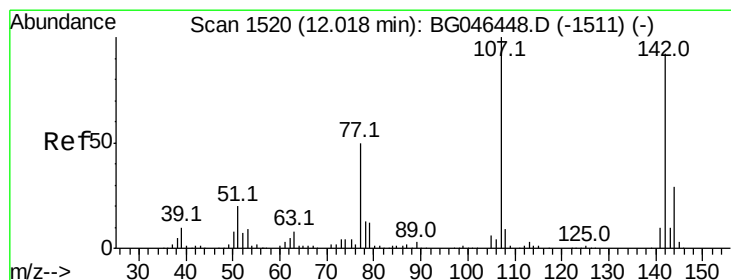
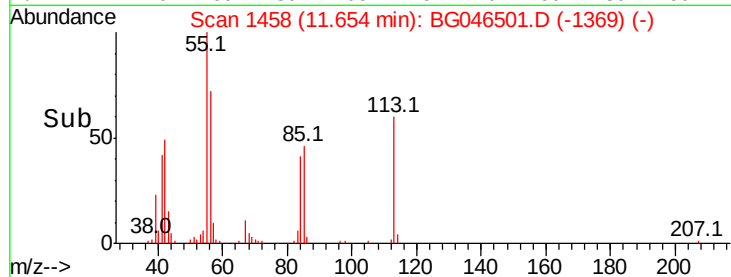
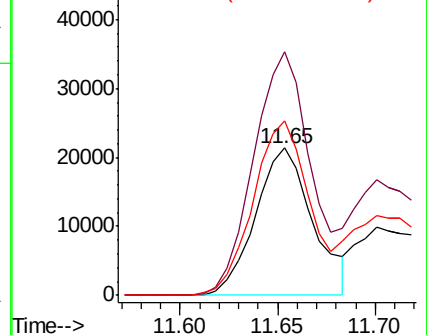
56 118.8 97.0 137.0



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: 42.624 ng

RT: 12.02 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

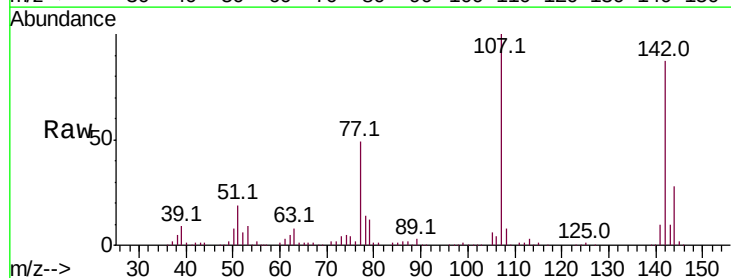
Tgt Ion:107 Resp: 212808

Ion Ratio Lower Upper

107 100

144 28.1 23.3 34.9

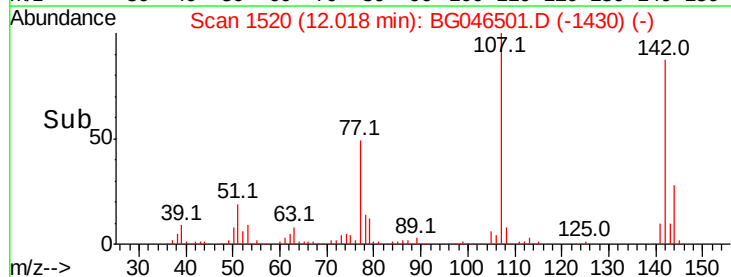
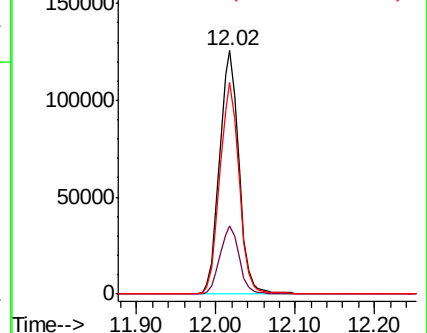
142 87.0 73.7 110.5

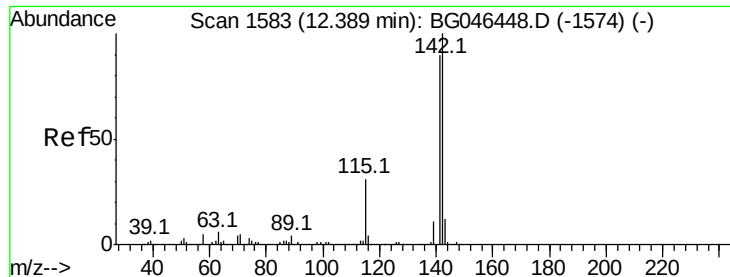


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

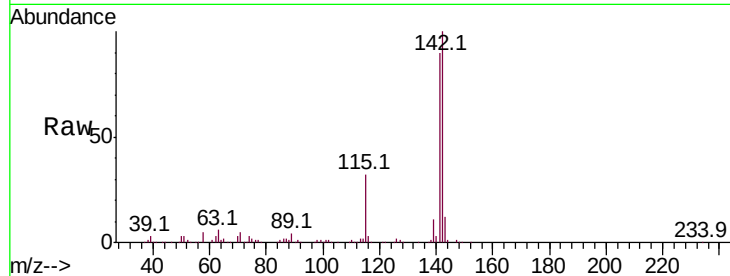




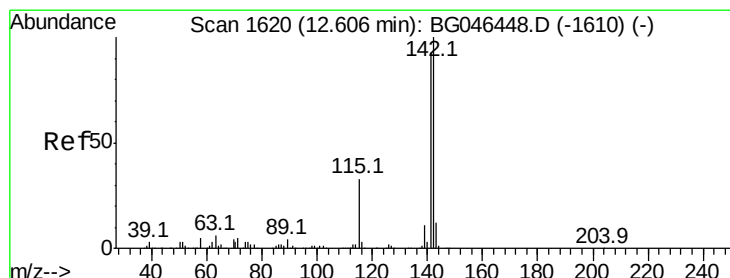
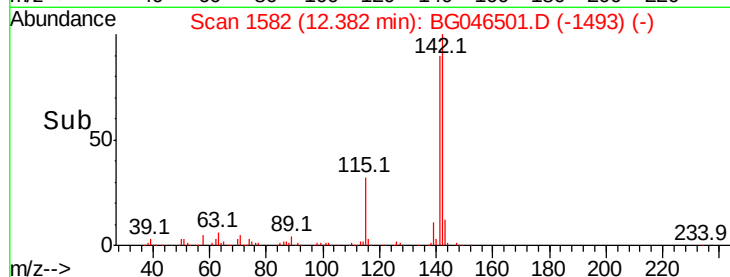
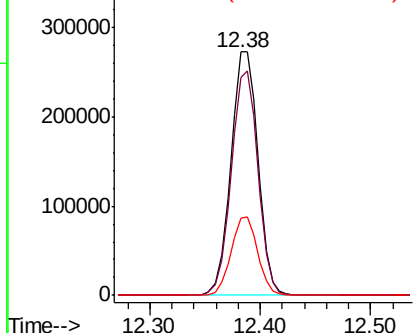
#37
2-Methylnaphthalene
Concen: 40.099 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.1	108.1
115	31.9	24.9	37.3

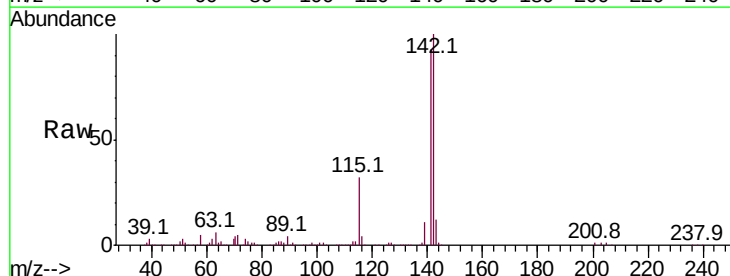


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

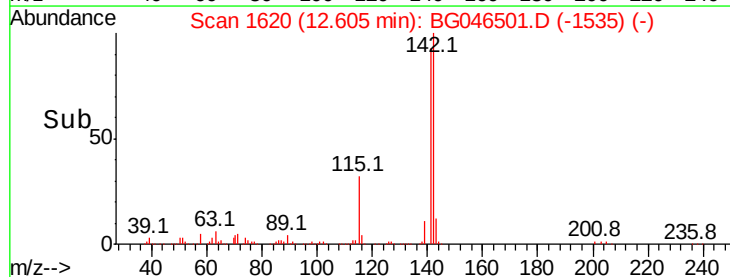
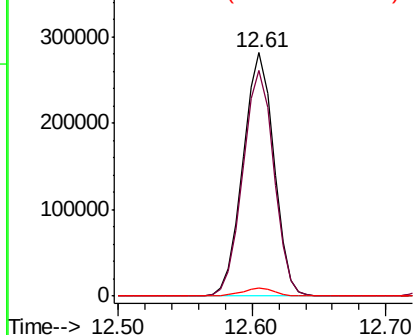


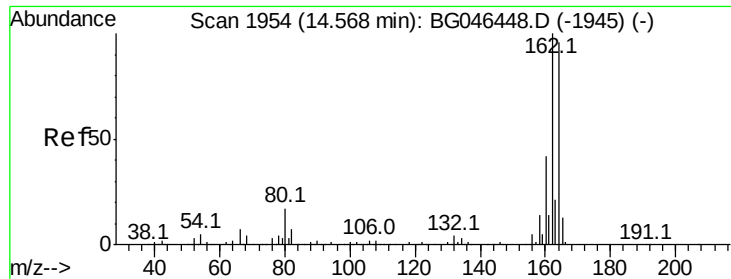
#38
1-Methylnaphthalene
Concen: 40.447 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.7	112.1
116	3.6	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: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

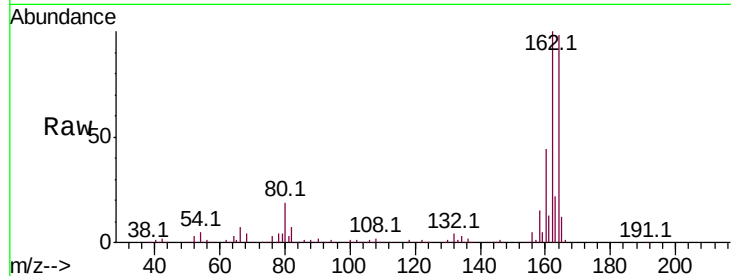
Tot Ion:164 Resp: 201841

Ion Ratio Lower Upper

164 100

162 102.4 83.3 124.9

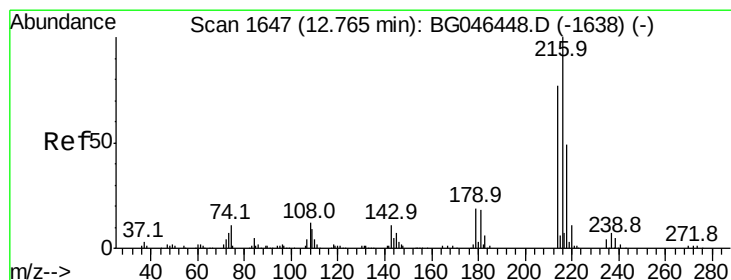
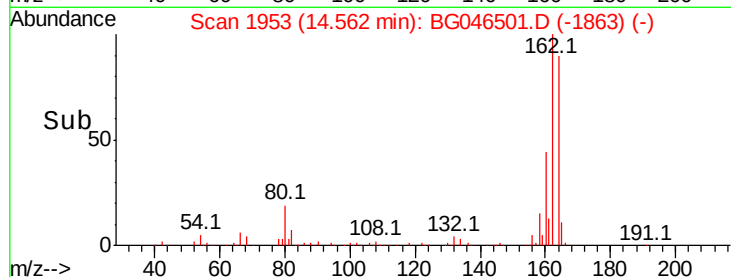
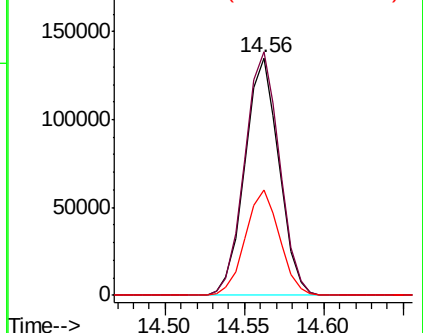
160 44.5 35.0 52.6



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: 41.965 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tgt Ion:216 Resp: 279319

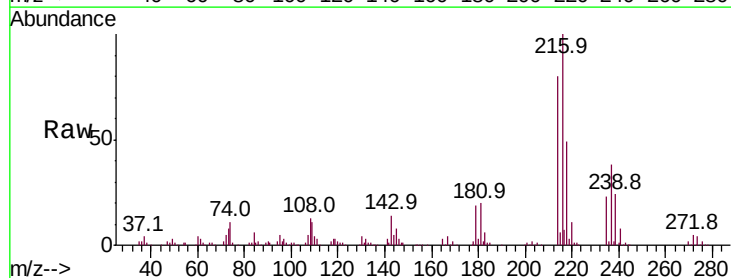
Ion Ratio Lower Upper

216 100

214 78.6 62.1 93.1

179 18.6 14.9 22.3

108 15.3 10.5 15.7

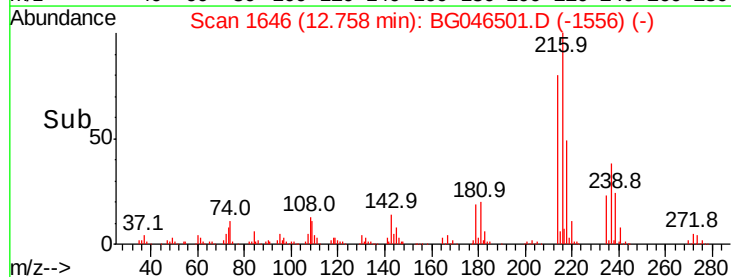
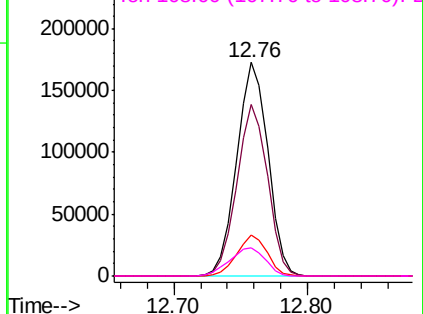


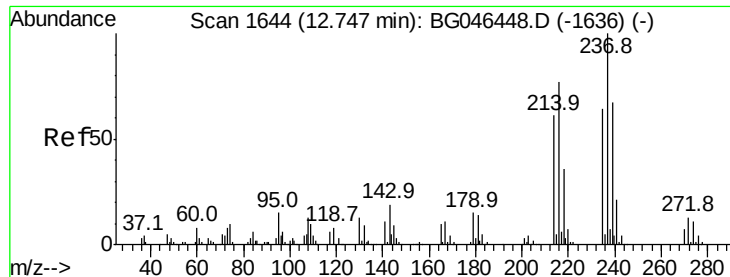
Abundance Ion 216.00 (215.70 to 216.70): E

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: 120.535 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

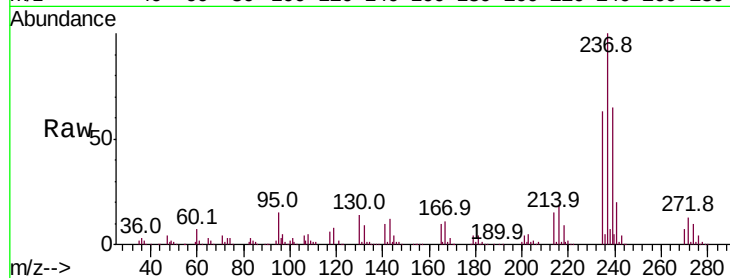
Tot Ion:237 Resp: 348849

Ion Ratio Lower Upper

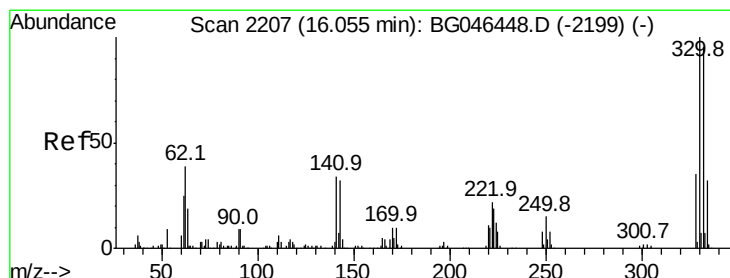
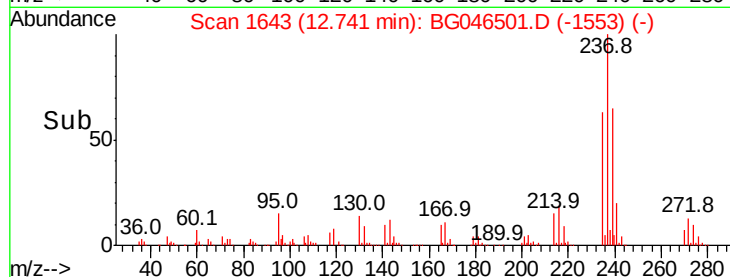
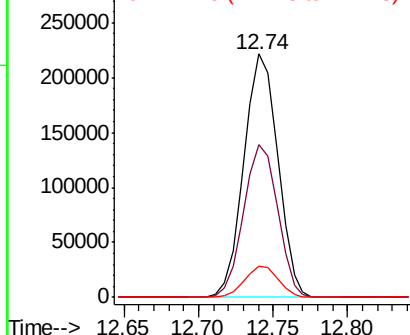
237 100

235 62.9 44.5 84.5

272 12.5 0.0 32.8



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



#42

2,4,6-Tribromophenol

Concen: 105.154 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

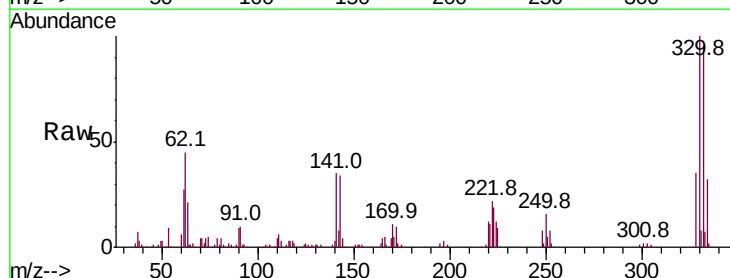
Tgt Ion:330 Resp: 287577

Ion Ratio Lower Upper

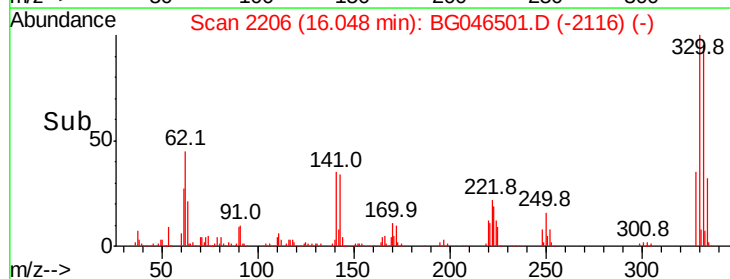
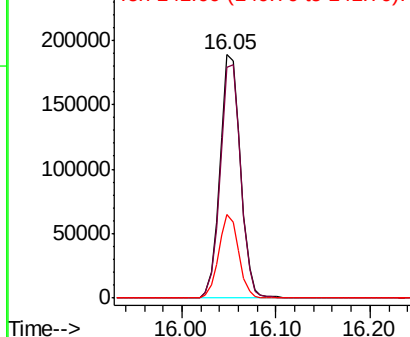
330 100

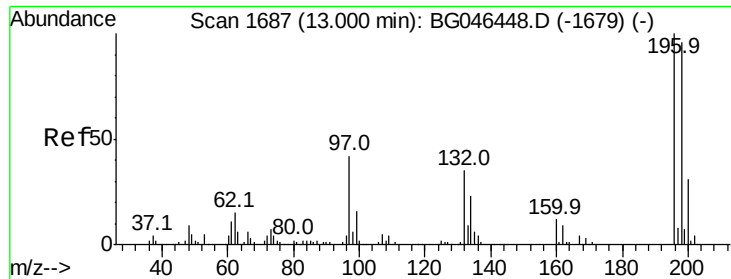
332 96.2 76.1 114.1

141 33.5 26.1 39.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

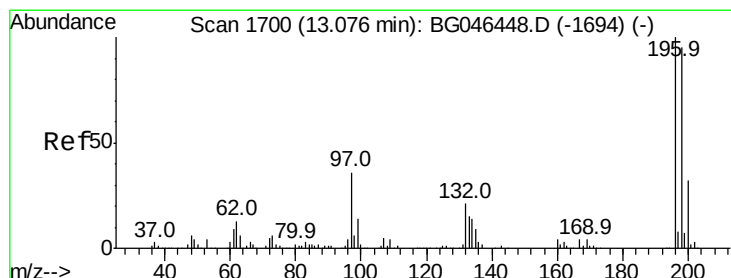
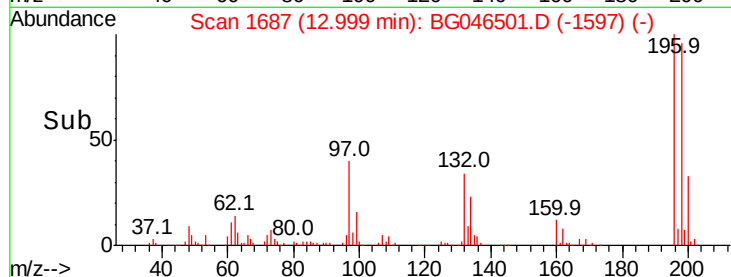
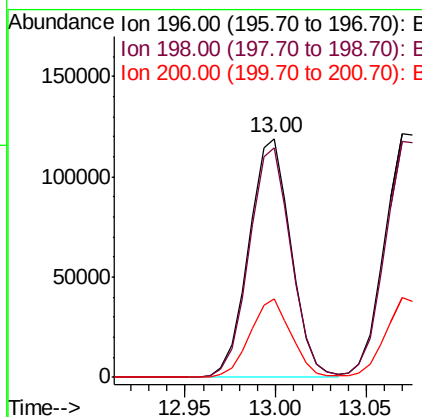
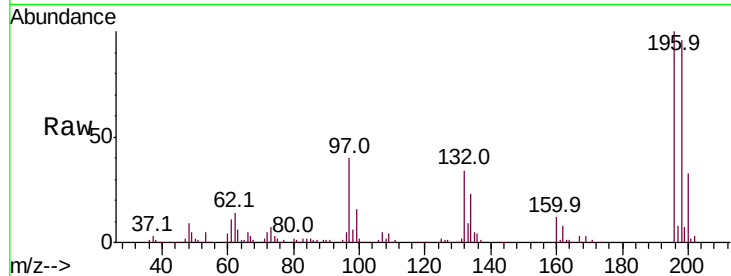




#43
 2,4,6-Trichlorophenol
 Concen: 42.685 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

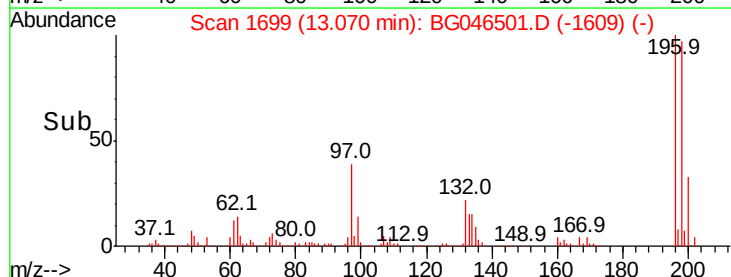
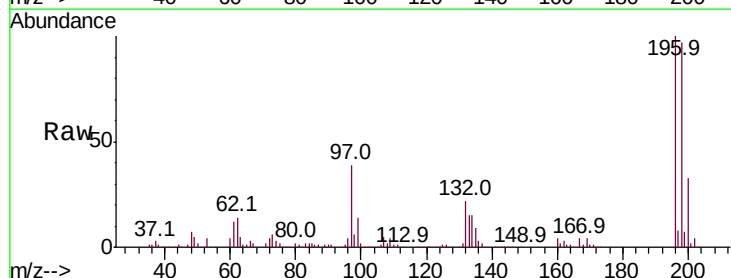
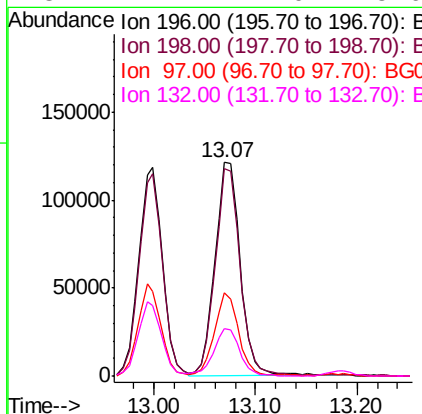
Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

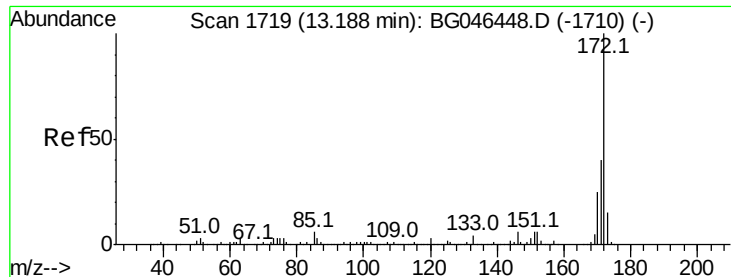
Tot Ion:196 Resp: 191724
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.0 115.6
 200 32.8 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 44.345 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion:196 Resp: 209272
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.6 113.4
 97 39.2 28.6 43.0
 132 22.4 17.0 25.6

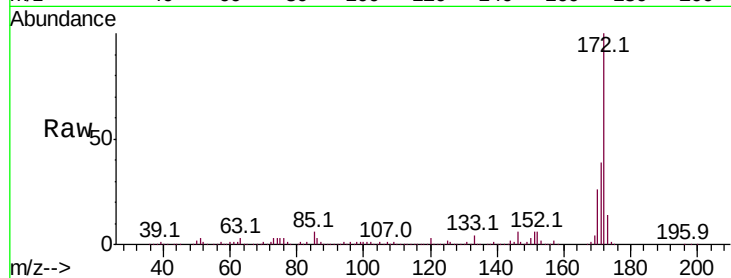




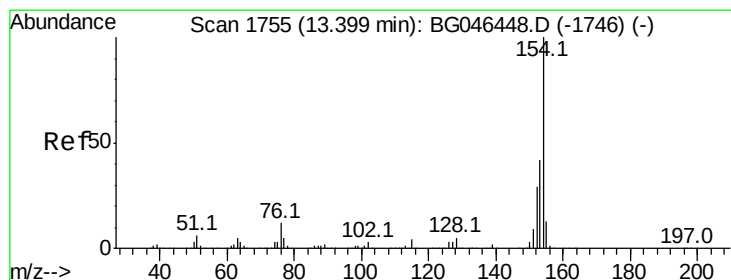
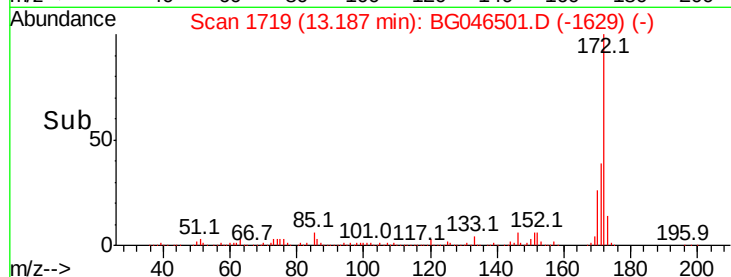
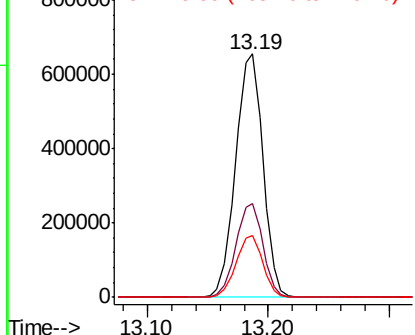
#45
2-Fluorobiphenyl
Concen: 78.376 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion:172 Resp: 1036277
Ion Ratio Lower Upper
172 100
171 38.6 31.8 47.6
170 25.6 20.3 30.5

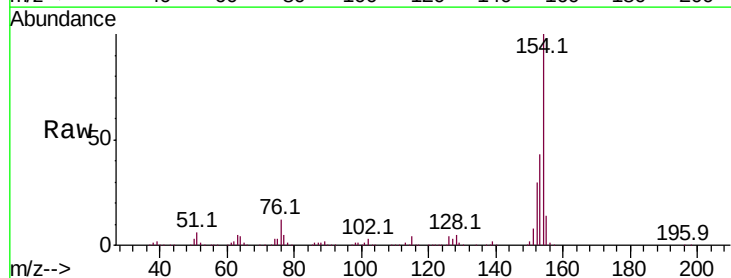


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

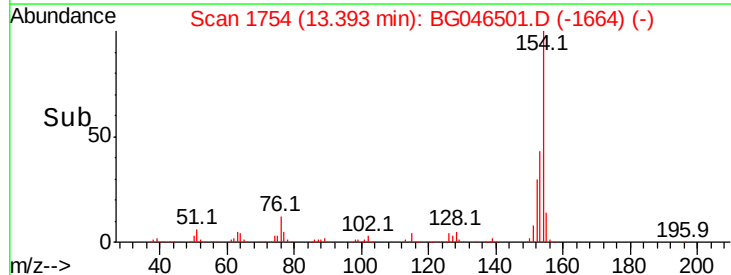
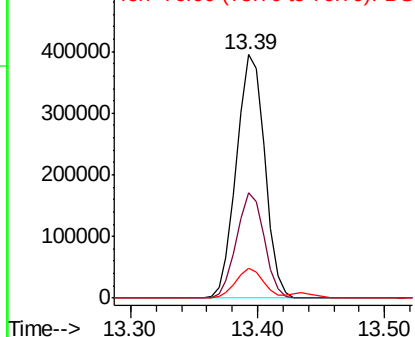


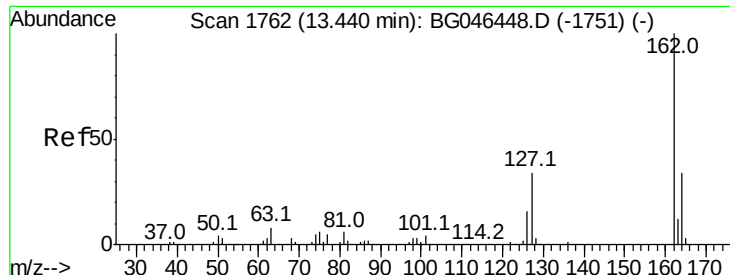
#46
1,1'-Biphenyl
Concen: 43.453 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:154 Resp: 610213
Ion Ratio Lower Upper
154 100
153 43.0 22.0 62.0
76 12.1 0.0 32.3



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

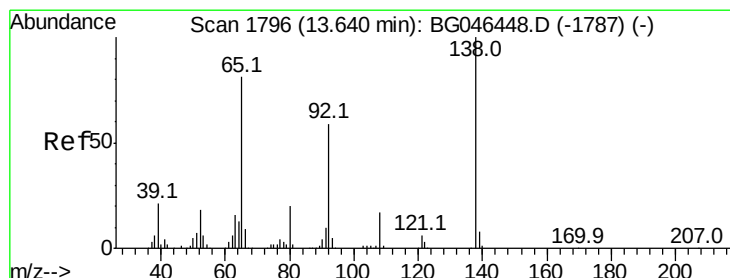
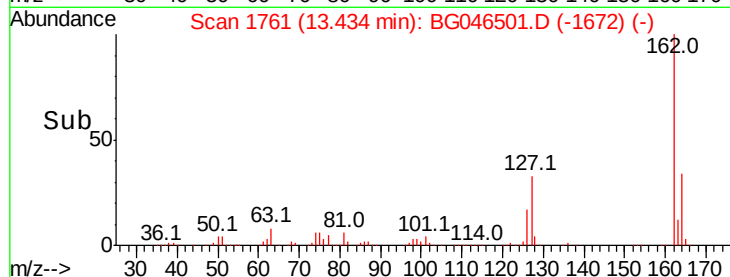
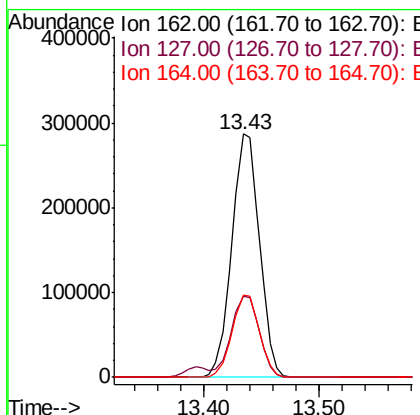
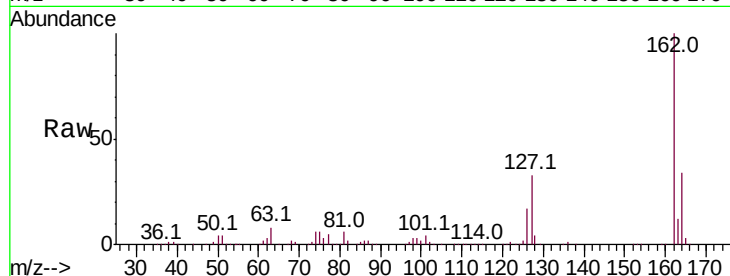




#47
 2-Chloronaphthalene
 Concen: 39.912 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

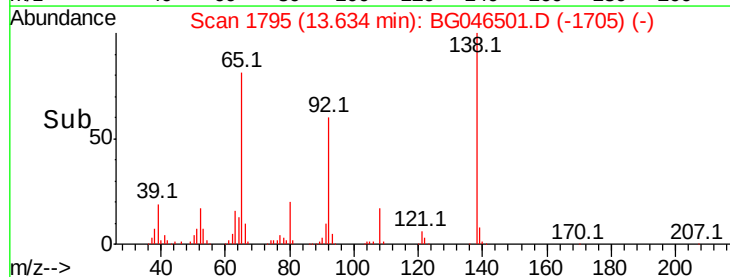
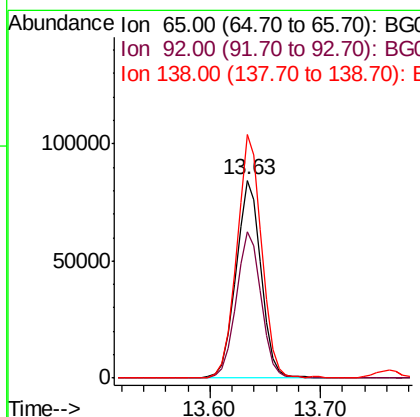
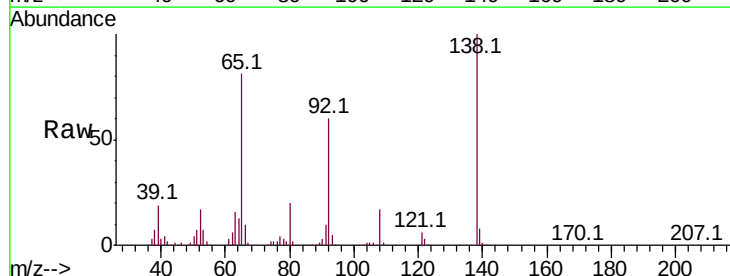
Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

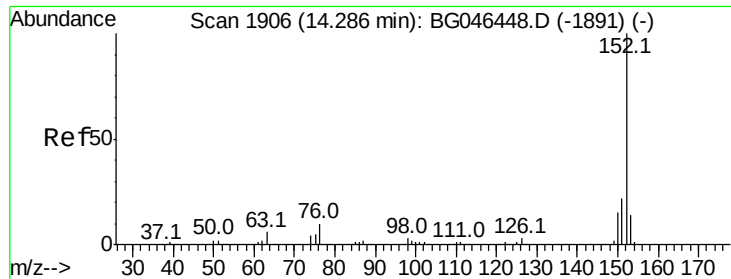
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.4	27.6	41.4
164	33.9	27.3	40.9



#48
 2-Nitroaniline
 Concen: 40.746 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	58.5	87.7
138	123.0	98.4	147.6





#49

Acenaphthylene

Concen: 42.671 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

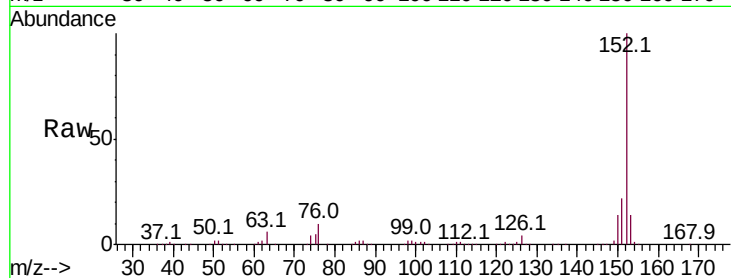
Tot Ion:152 Resp: 770689

Ion Ratio Lower Upper

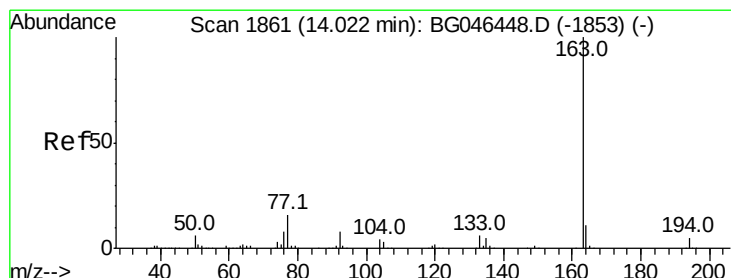
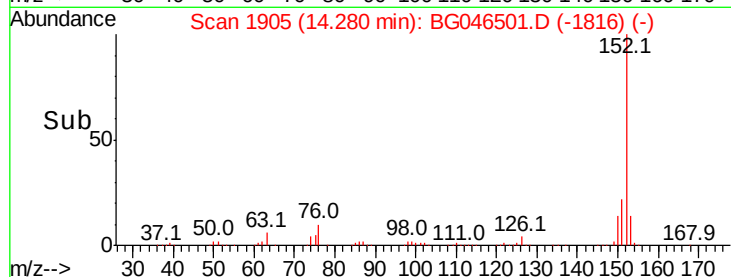
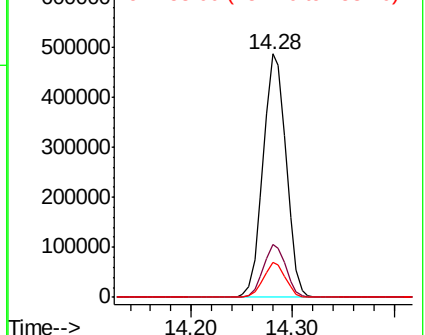
152 100

151 21.7 17.7 26.5

153 14.3 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: 40.733 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

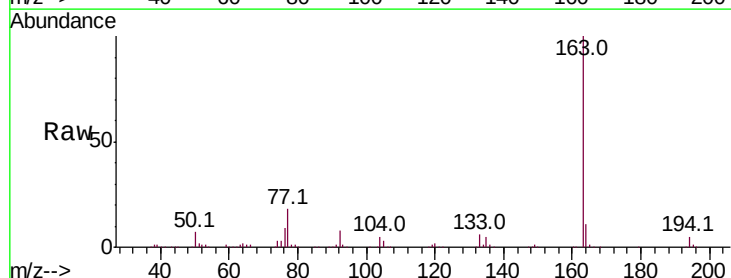
Tgt Ion:163 Resp: 636070

Ion Ratio Lower Upper

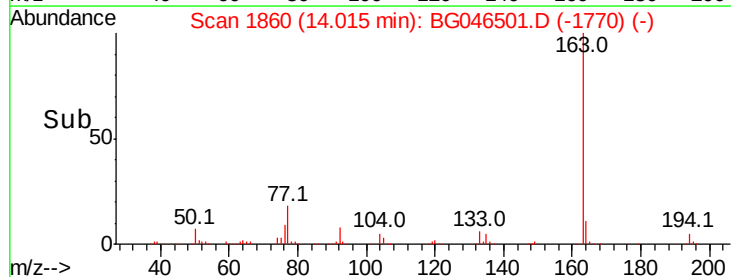
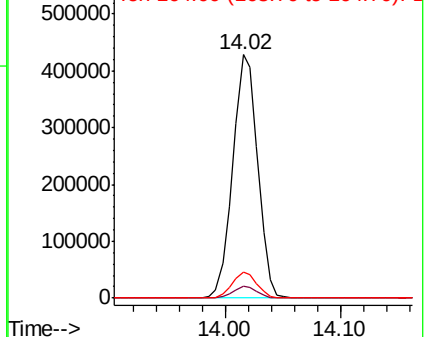
163 100

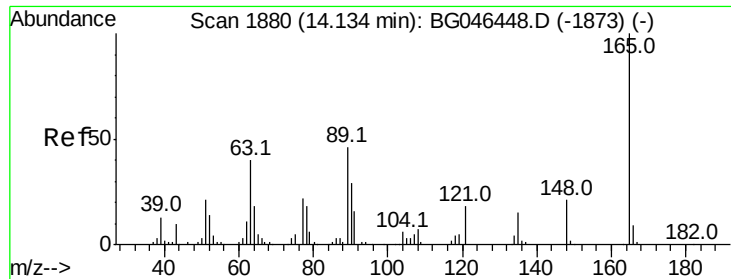
194 4.6 3.7 5.5

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: 42.910 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

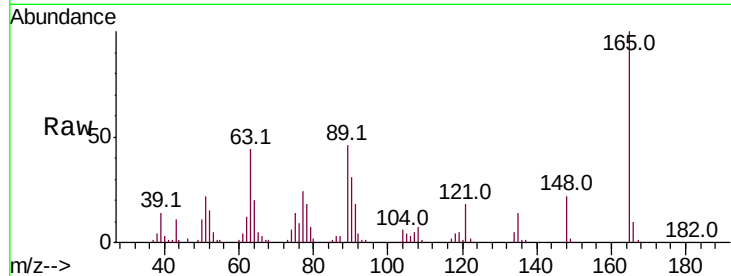
Tot Ion:165 Resp: 147704

Ion Ratio Lower Upper

165 100

63 43.7 34.2 51.4

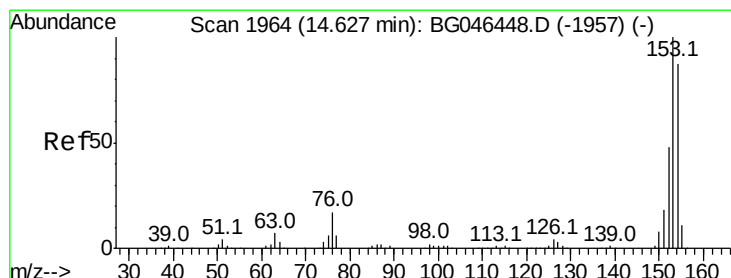
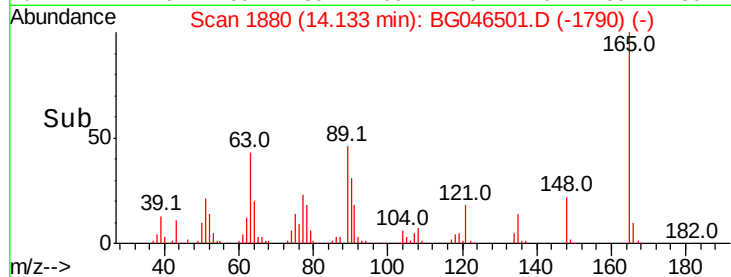
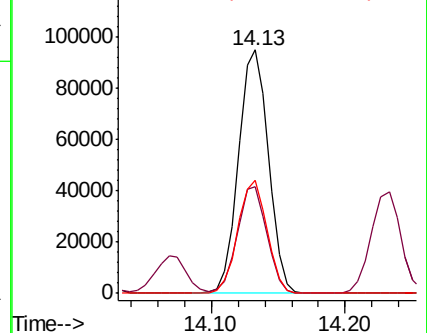
89 46.2 37.0 55.4



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: 41.043 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

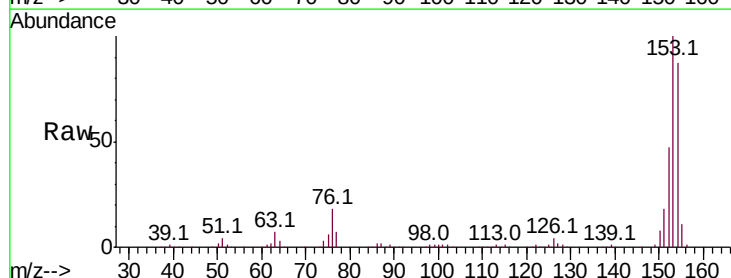
Tgt Ion:154 Resp: 459362

Ion Ratio Lower Upper

154 100

153 115.1 91.9 137.9

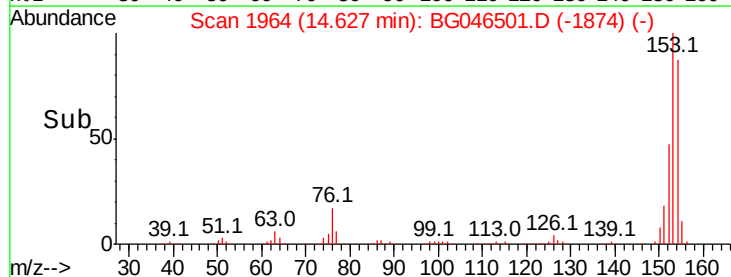
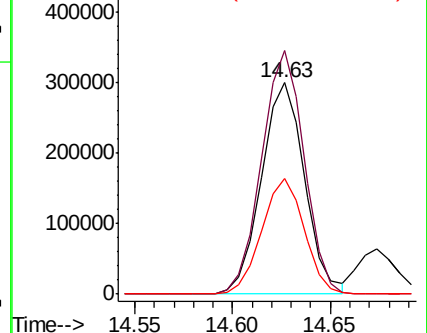
152 54.4 43.8 65.6

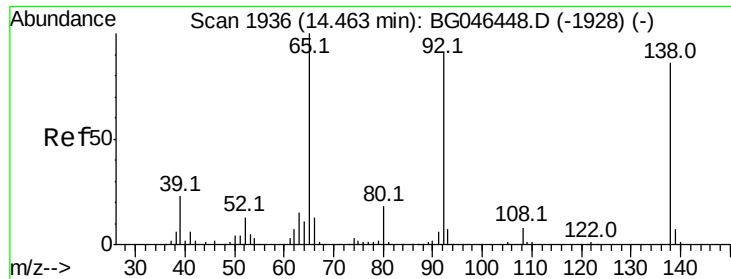


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.501 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

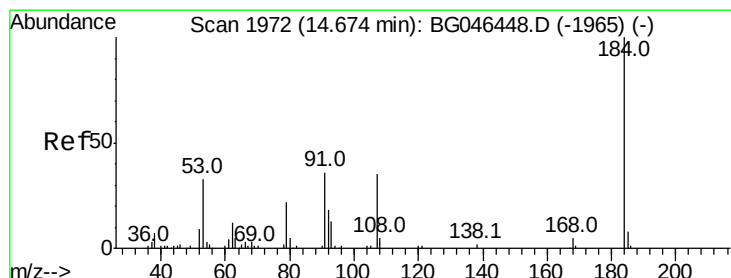
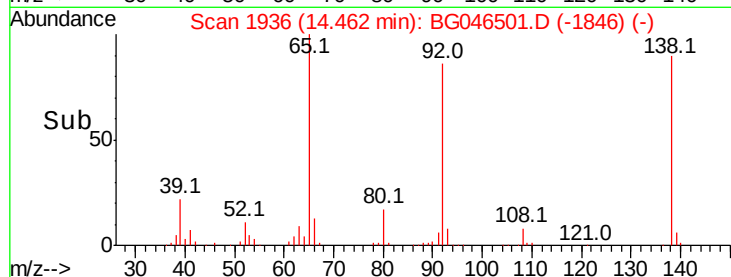
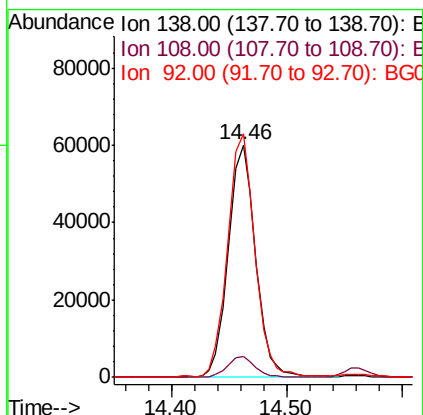
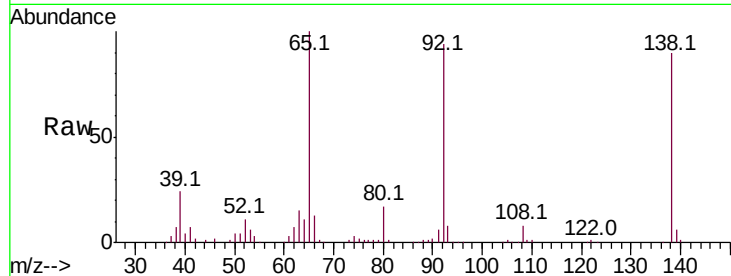
Tot Ion:138 Resp: 98812

Ion Ratio Lower Upper

138 100

108 9.0 7.0 10.6

92 104.9 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 90.071 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

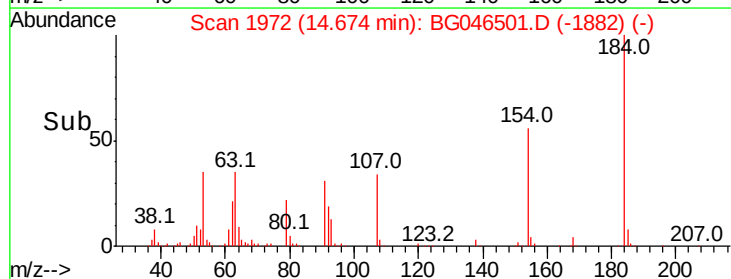
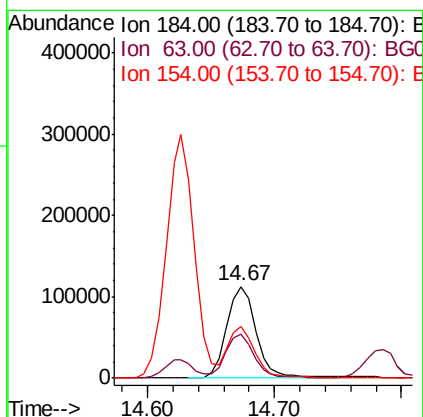
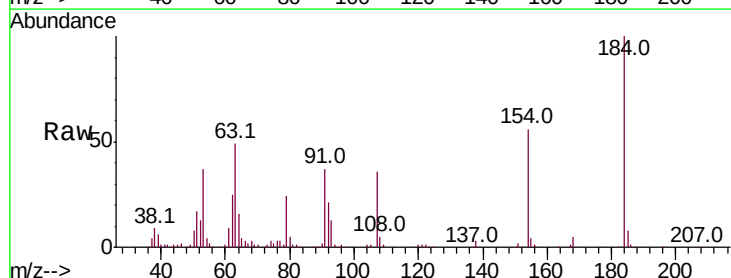
Tgt Ion:184 Resp: 180974

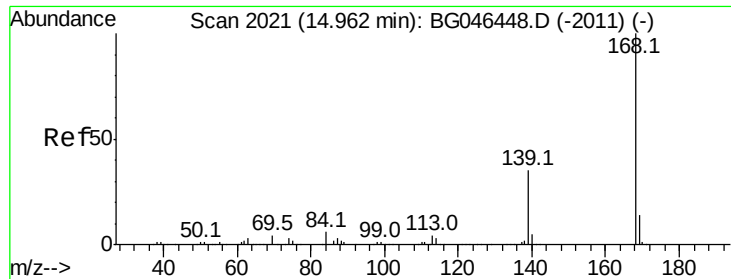
Ion Ratio Lower Upper

184 100

63 48.5 35.6 53.4

154 56.4 44.3 66.5

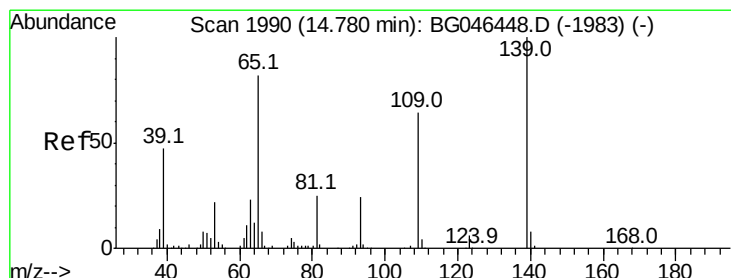
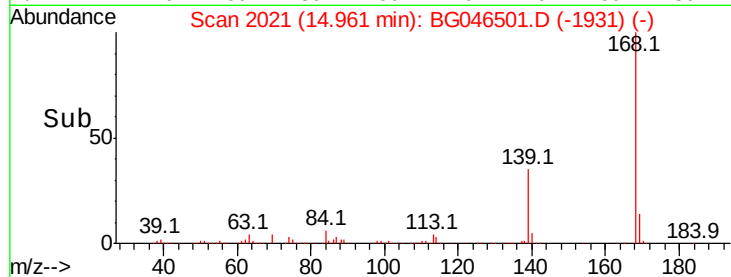
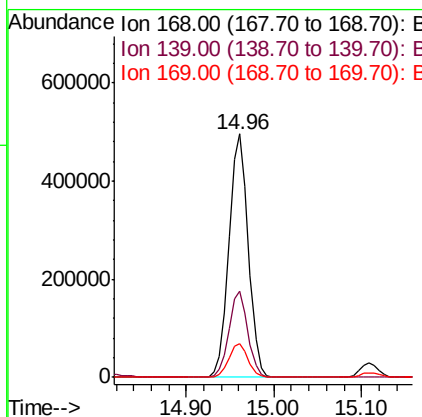
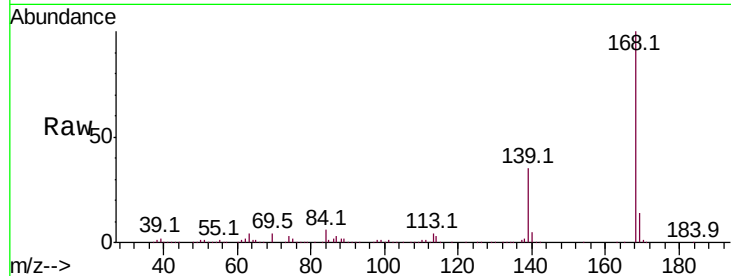




#55
Dibenzenofuran
Concen: 41.495 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

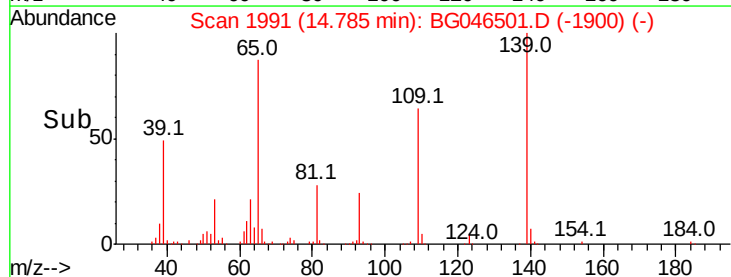
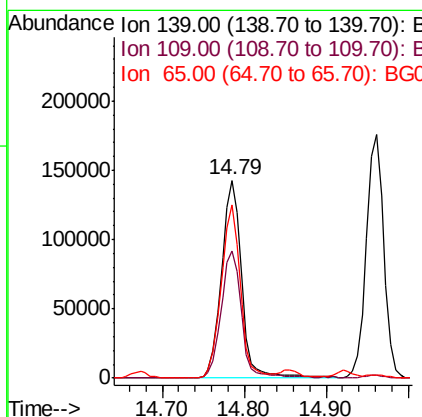
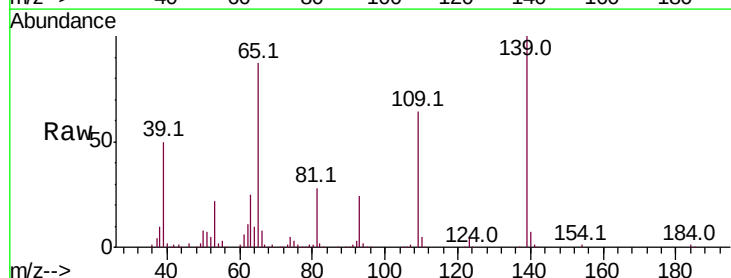
Instrument :
BNA_G
ClientSampleId :
PB131340BS

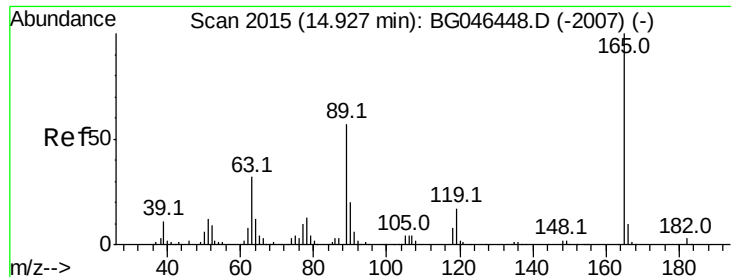
Tot Ion:168 Resp: 745319
Ion Ratio Lower Upper
168 100
139 35.4 28.1 42.1
169 13.9 11.5 17.3



#56
4-Nitrophenol
Concen: 89.187 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:139 Resp: 244738
Ion Ratio Lower Upper
139 100
109 64.4 44.3 84.3
65 87.5 61.5 101.5

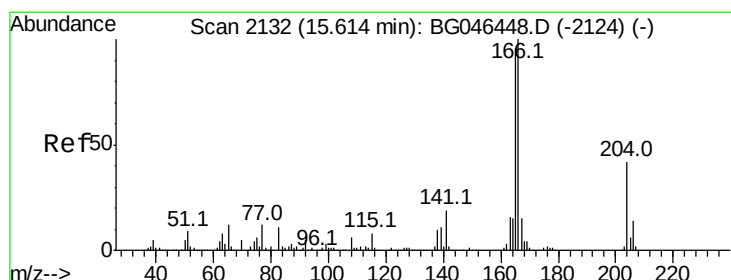
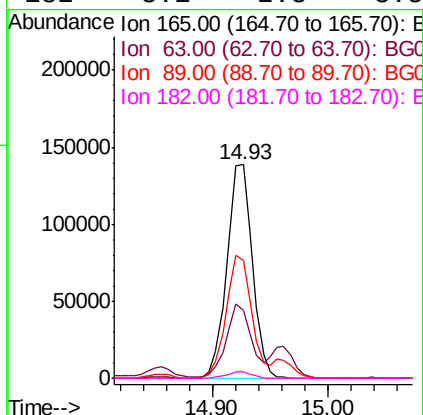
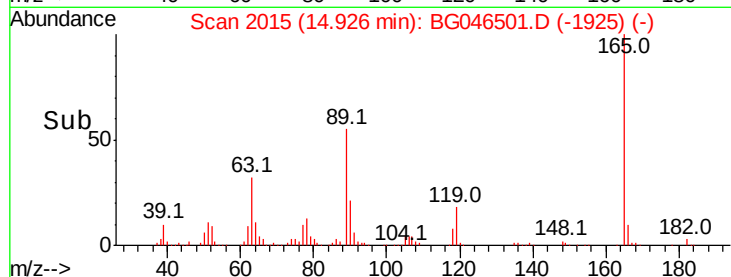
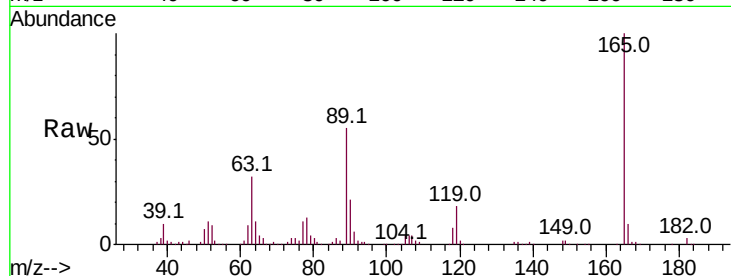




#57
2,4-Dinitrotoluene
Concen: 43.114 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

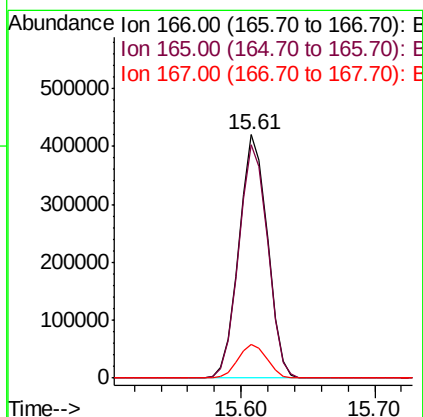
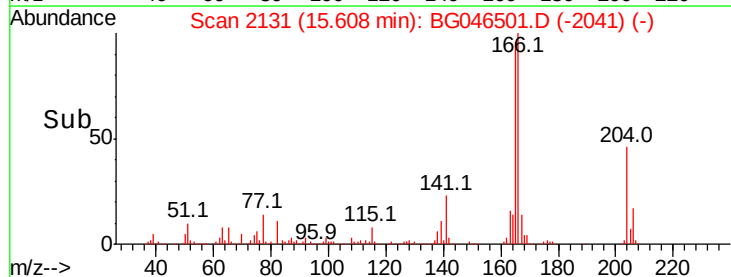
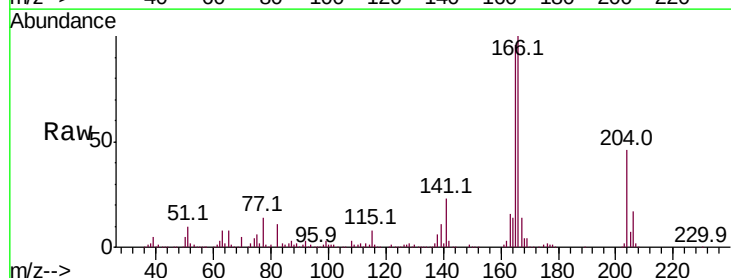
Instrument :
BNA_G
ClientSampleId :
PB131340BS

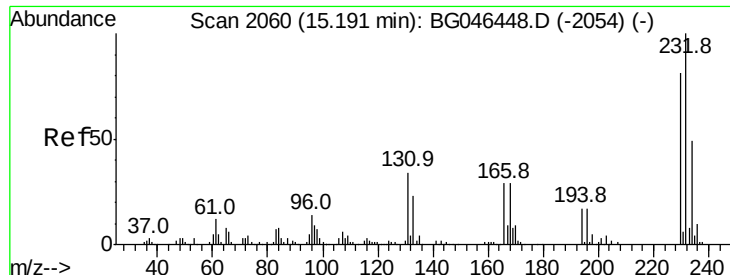
Tot Ion:	165	Resp:	211608
Ion	Ratio	Lower	Upper
165	100		
63	31.9	25.4	38.0
89	55.0	45.9	68.9
182	3.1	2.3	3.5



#58
Fluorene
Concen: 41.189 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:	166	Resp:	620939
Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.0	115.4
167	14.0	11.8	17.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.939 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

Tot Ion:232 Resp: 201361

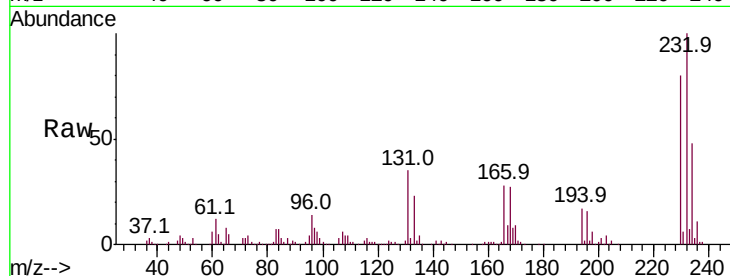
Ion Ratio Lower Upper

232 100

131 34.2 26.8 40.2

130 1.9 1.4 2.2

166 27.1 22.8 34.2

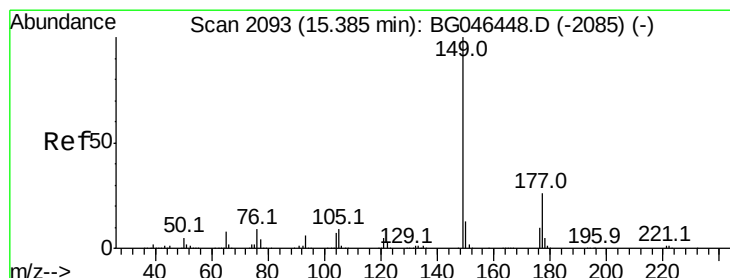
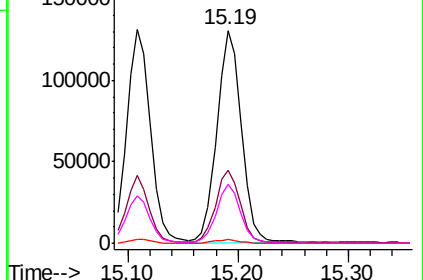
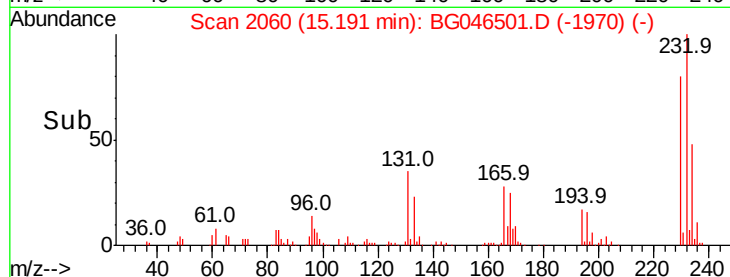


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.440 ng

RT: 15.38 min Scan# 2093

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

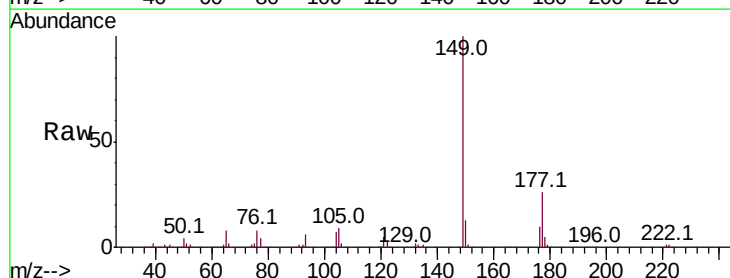
Tgt Ion:149 Resp: 630922

Ion Ratio Lower Upper

149 100

177 25.6 20.6 30.8

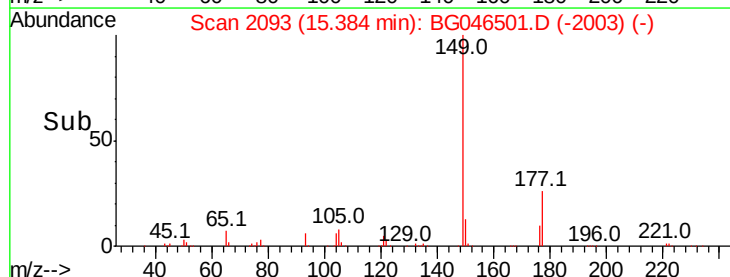
150 13.1 10.3 15.5



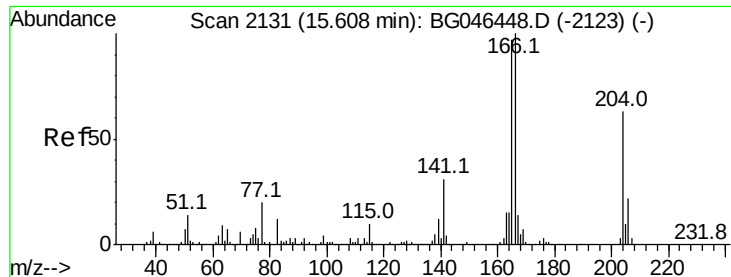
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



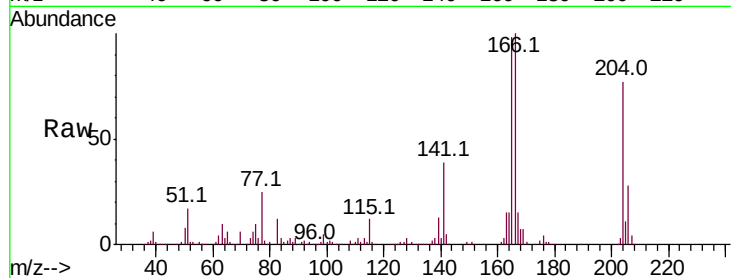
Time-->



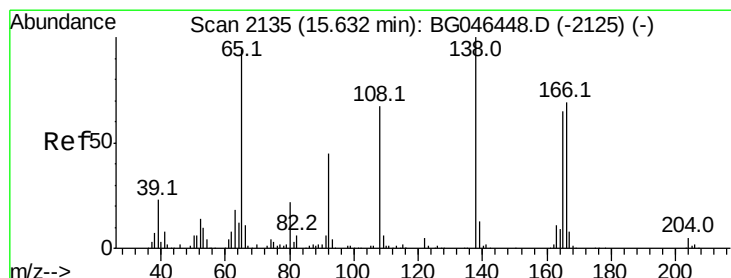
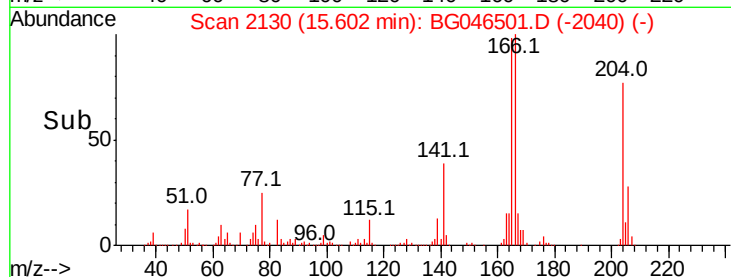
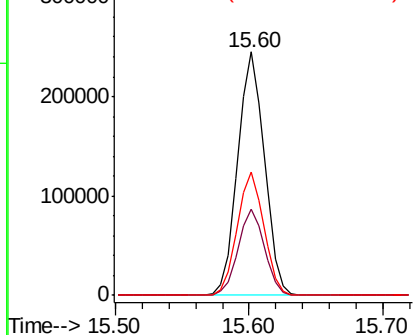
#61
4-Chlorophenyl-phenylether
Concen: 40.949 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion:204 Resp: 339977
Ion Ratio Lower Upper
204 100
206 35.6 27.7 41.5
141 50.9 38.7 58.1

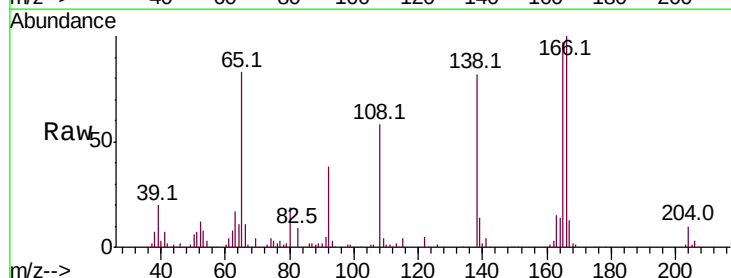


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

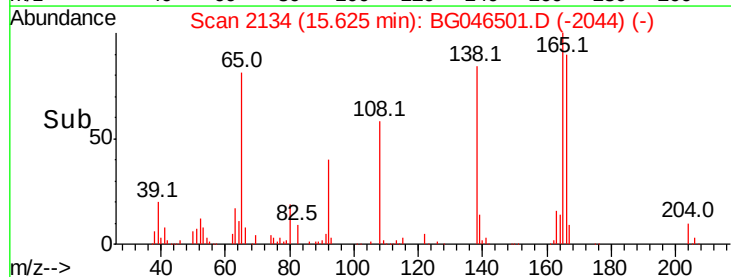
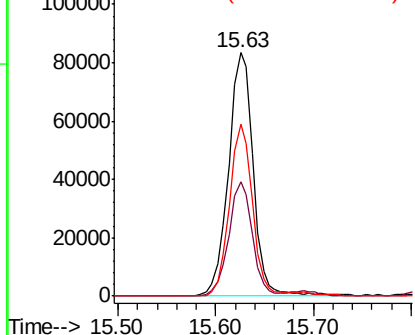


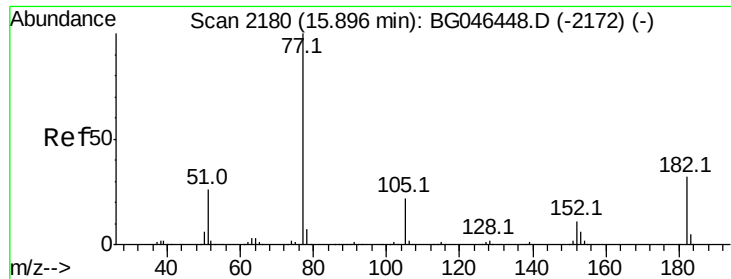
#62
4-Nitroaniline
Concen: 37.283 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:138 Resp: 146678
Ion Ratio Lower Upper
138 100
92 47.1 25.3 65.3
108 70.7 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

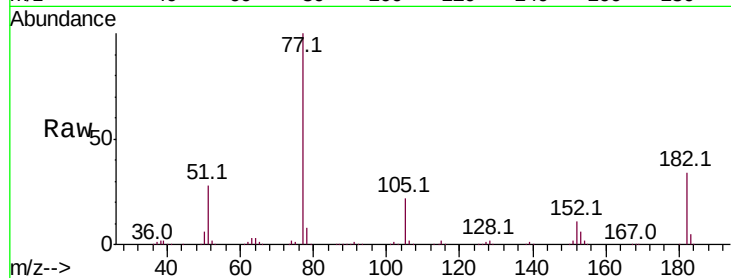




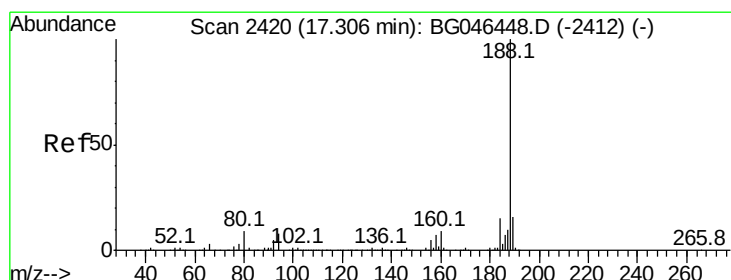
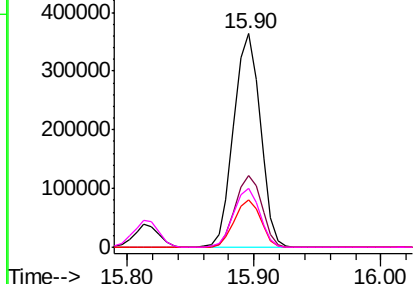
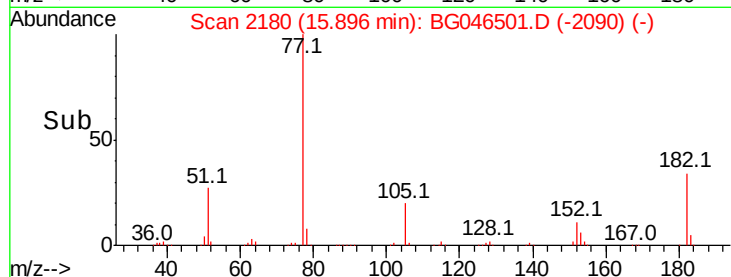
#63
Azobenzene
Concen: 42.798 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion:	77	Resp:	530040
Ion	Ratio	Lower	Upper
77	100		
182	33.6	12.3	52.3
105	22.3	2.3	42.3
51	27.6	6.5	46.5

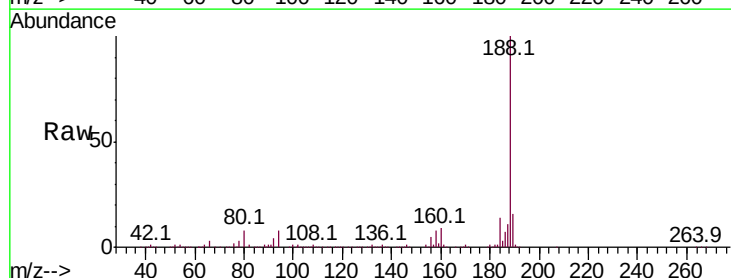


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

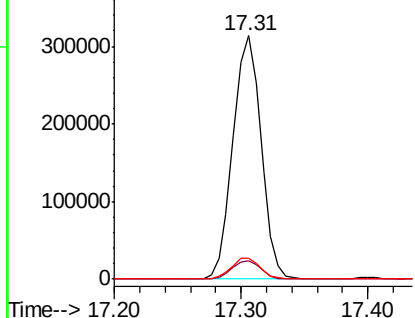
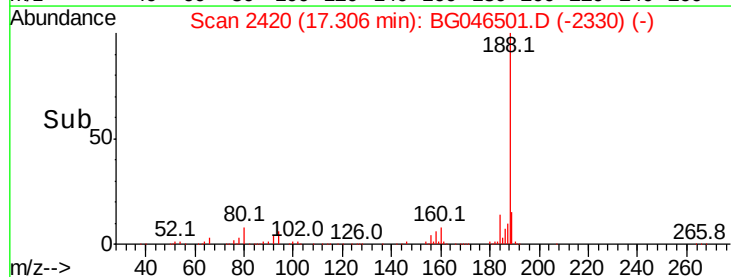


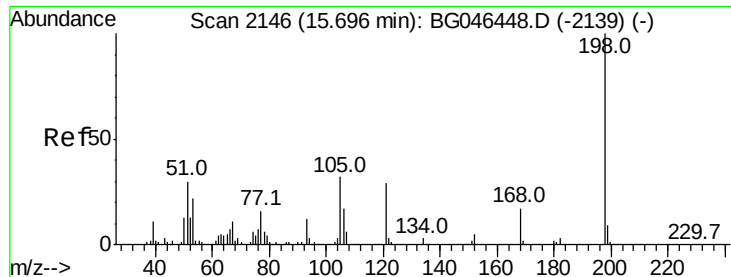
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:	188	Resp:	482080
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.4	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: 50.042 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

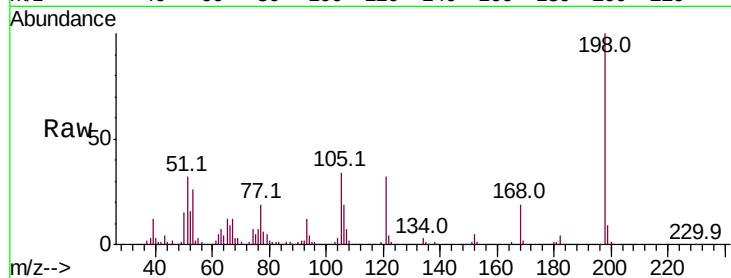
Tot Ion:198 Resp: 136544

Ion Ratio Lower Upper

198 100

51 32.0 10.4 50.4

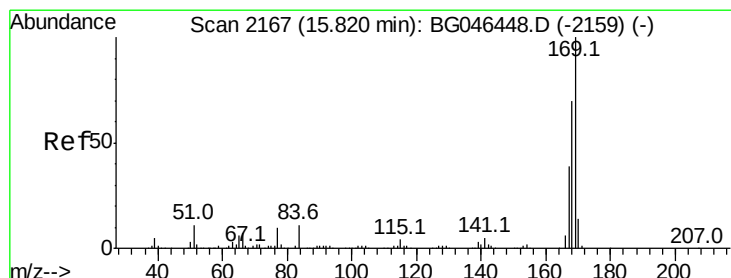
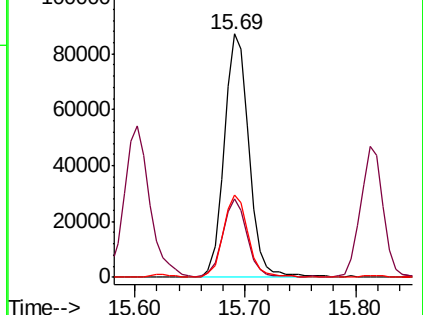
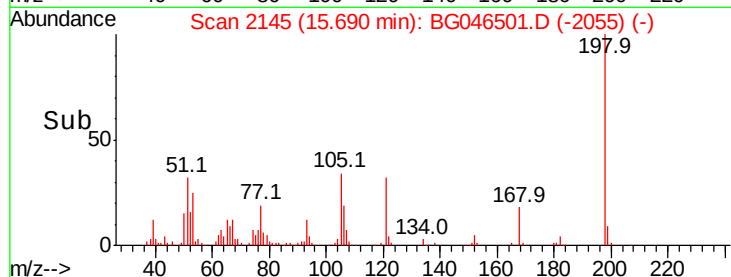
105 34.0 12.4 52.4



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: 43.727 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

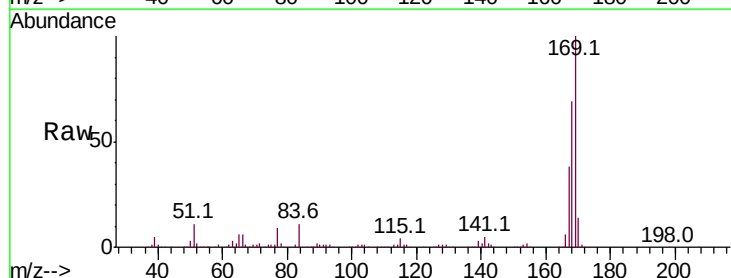
Tgt Ion:169 Resp: 568695

Ion Ratio Lower Upper

169 100

168 69.4 55.8 83.8

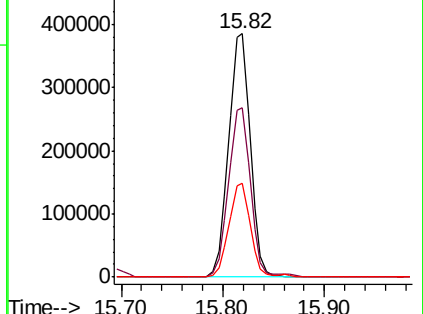
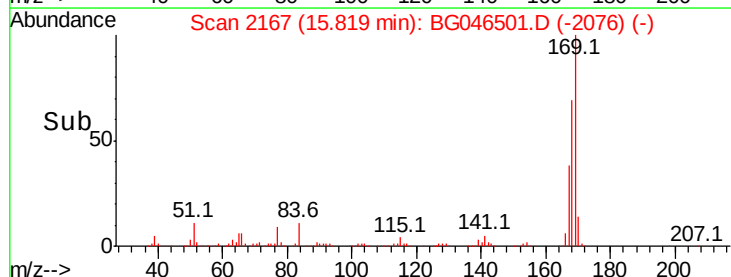
167 38.4 31.0 46.6

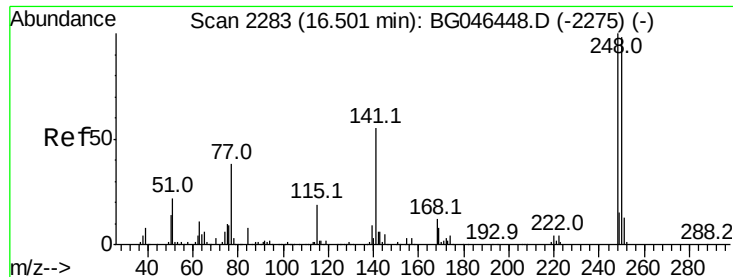


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.422 ng

RT: 16.49 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

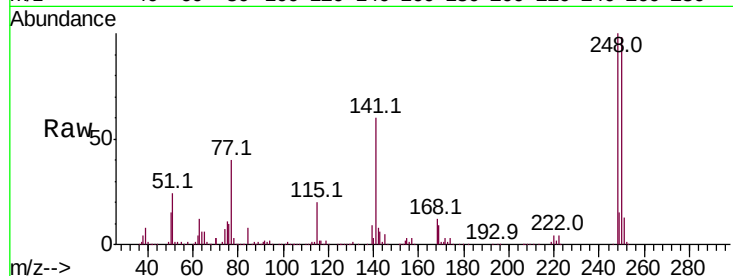
Tot Ion:248 Resp: 238592

Ion Ratio Lower Upper

248 100

250 98.1 78.6 118.0

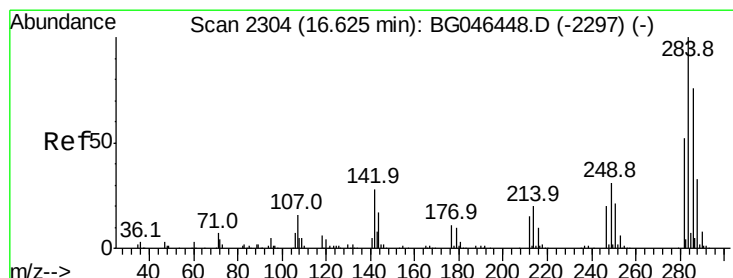
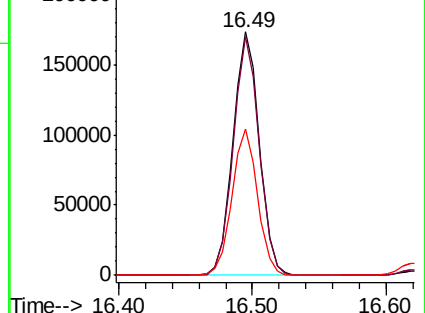
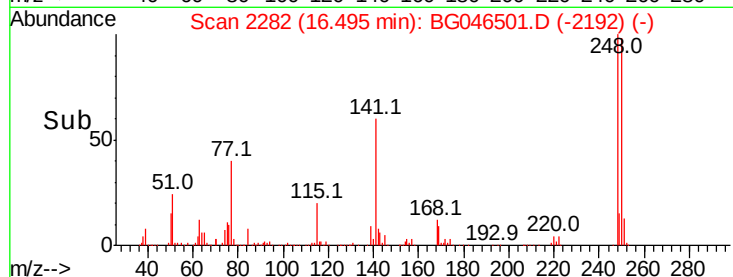
141 59.9 43.9 65.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.388 ng

RT: 16.62 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

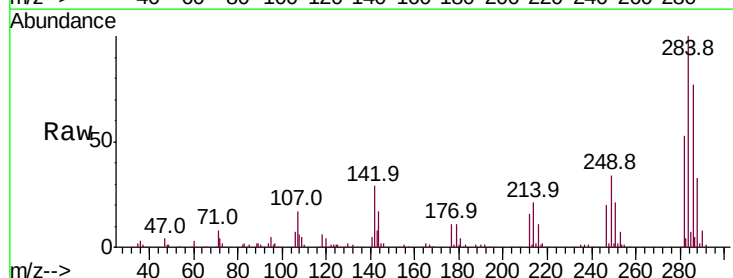
Tgt Ion:284 Resp: 251575

Ion Ratio Lower Upper

284 100

142 29.4 22.3 33.5

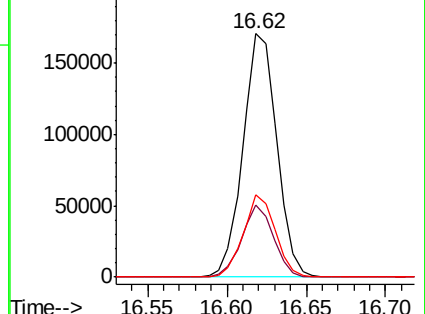
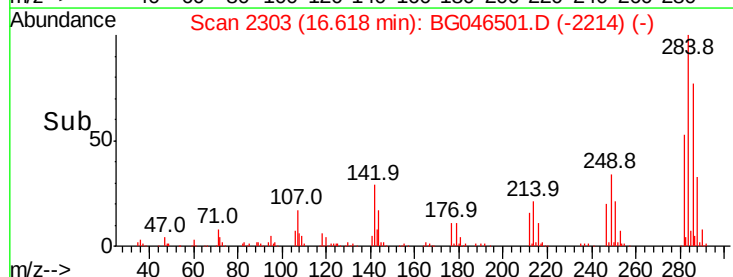
249 33.9 24.8 37.2

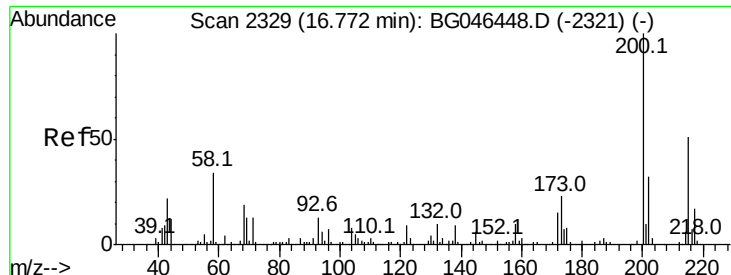


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.234 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

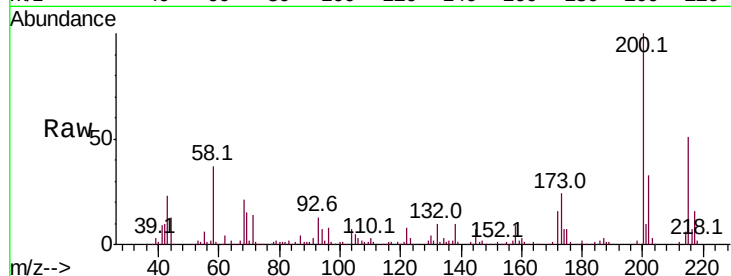
Tot Ion:200 Resp: 213467

Ion Ratio Lower Upper

200 100

173 24.3 3.3 43.3

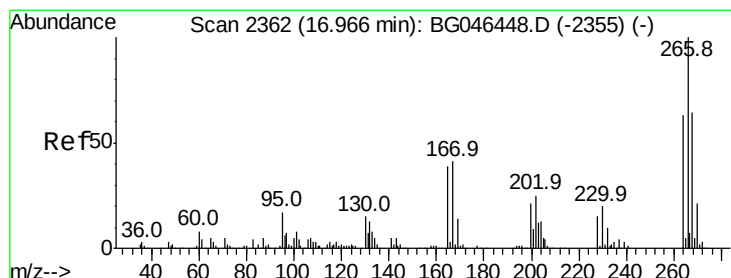
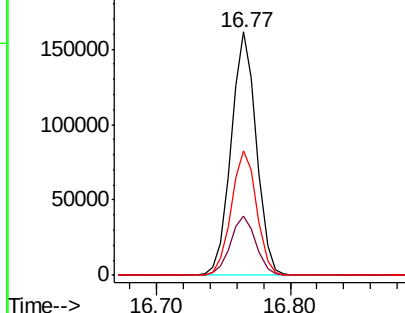
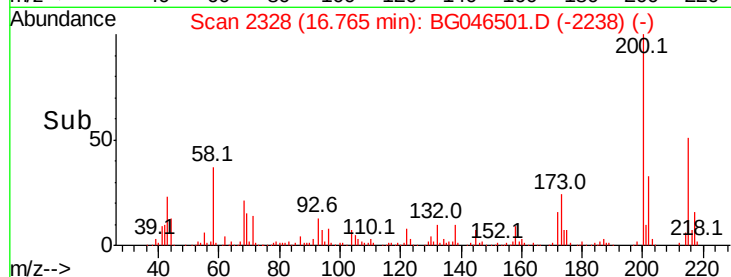
215 51.1 30.9 70.9



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: 95.457 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

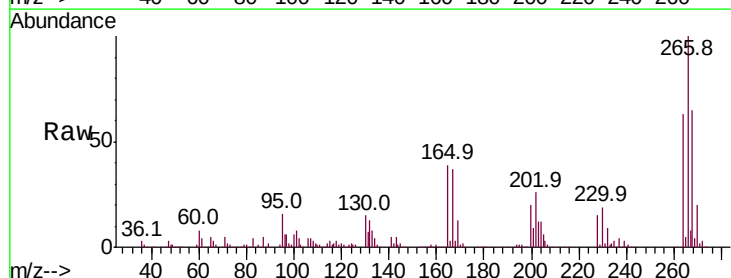
Tgt Ion:266 Resp: 310657

Ion Ratio Lower Upper

266 100

268 65.0 51.1 76.7

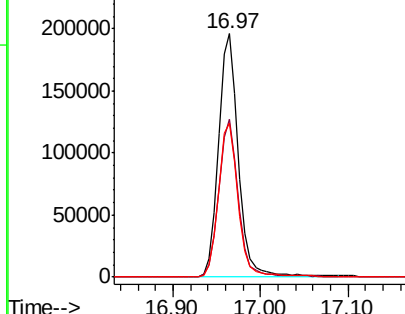
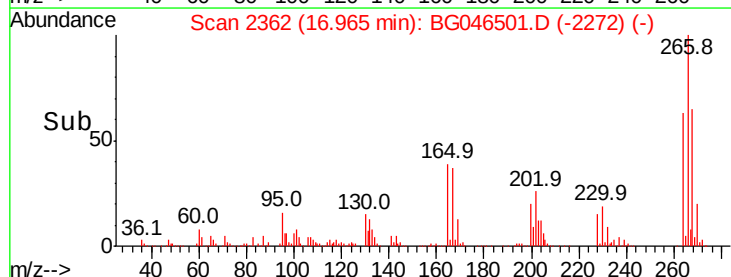
264 63.3 50.2 75.2

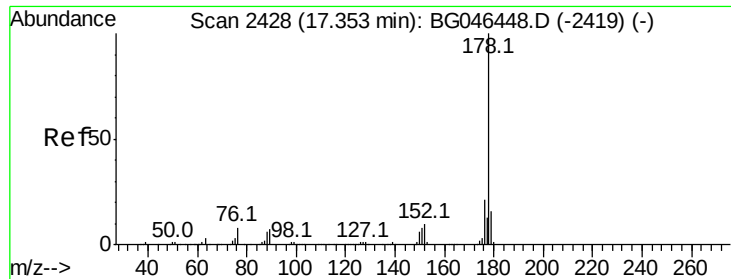


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

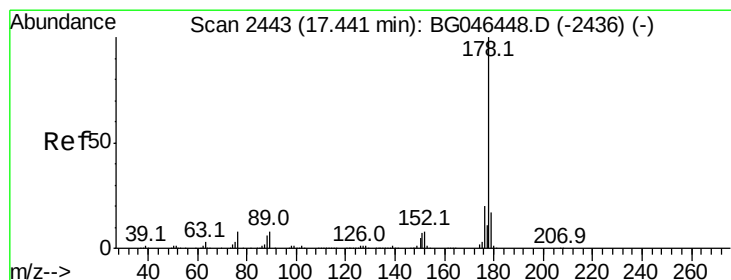
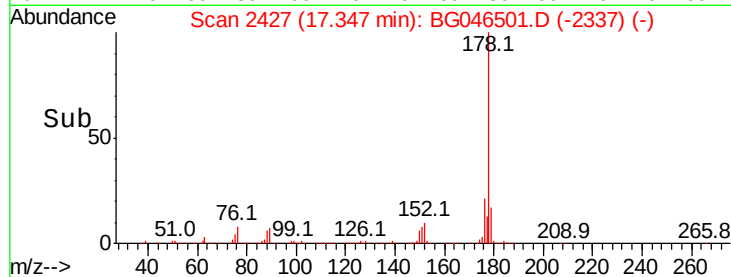
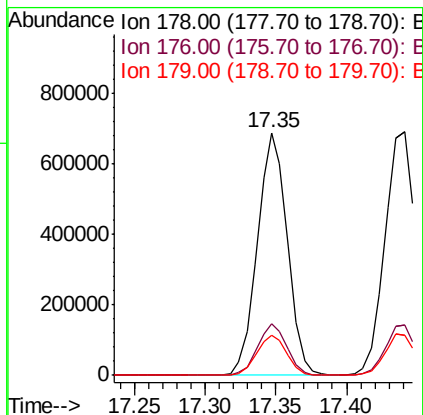
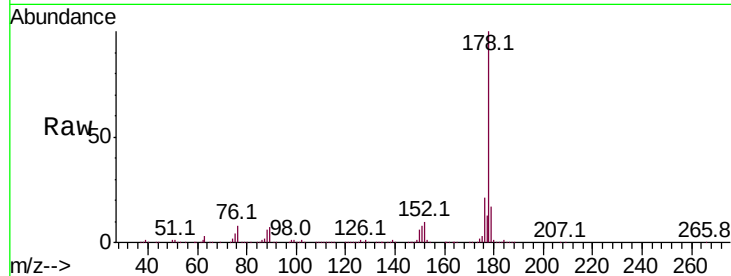




#71
Phenanthrene
Concen: 41.916 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

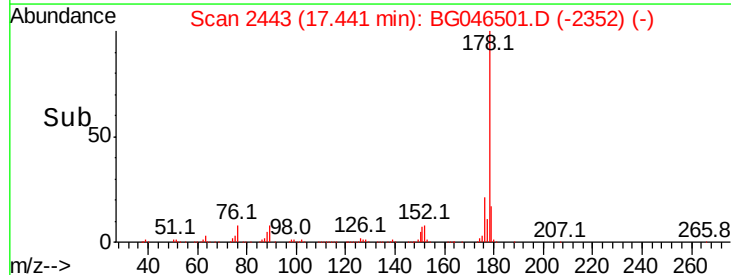
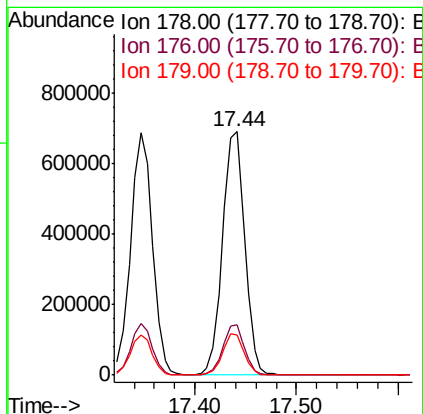
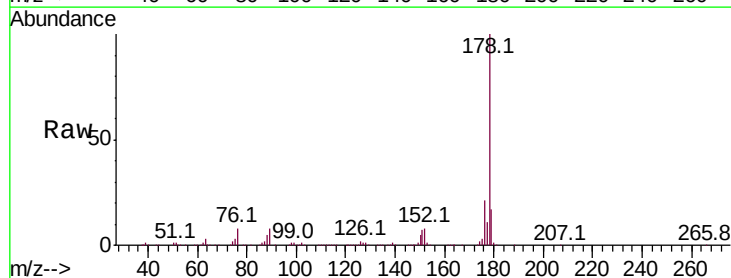
Instrument :
BNA_G
ClientSampleId :
PB131340BS

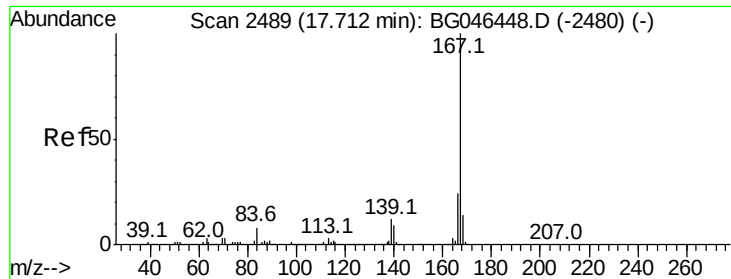
Tot Ion:178 Resp: 1024229
Ion Ratio Lower Upper
178 100
176 21.3 16.8 25.2
179 16.8 13.2 19.8



#72
Anthracene
Concen: 43.769 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:178 Resp: 1055206
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 16.6 13.3 19.9

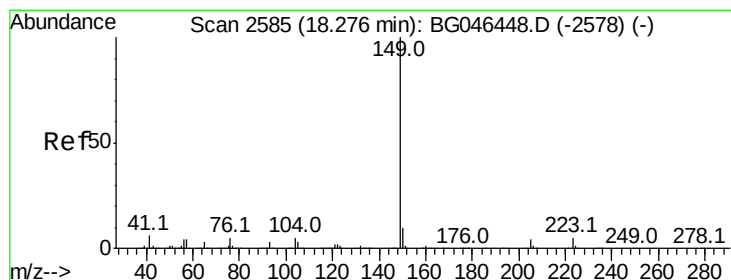
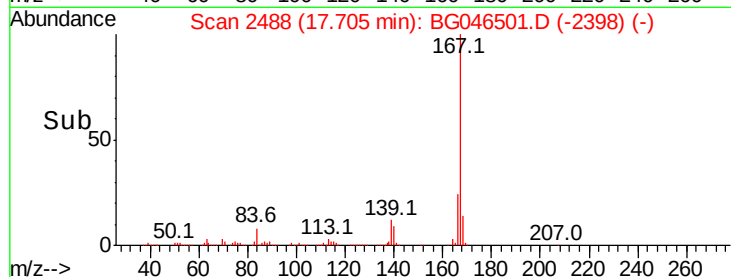
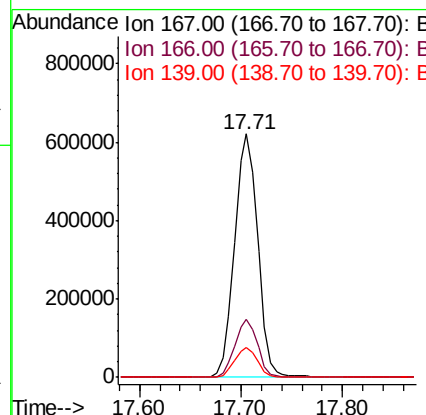
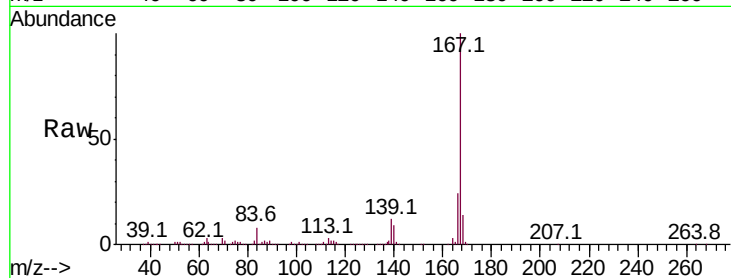




#73
 Carbazole
 Concen: 43.237 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

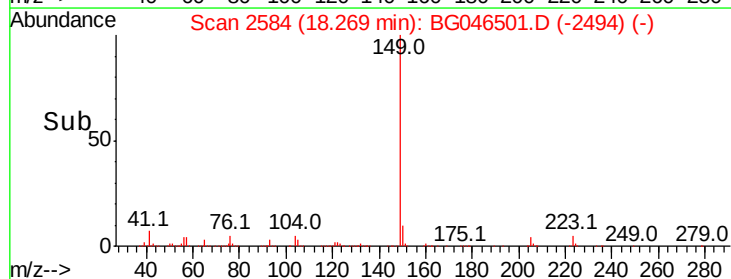
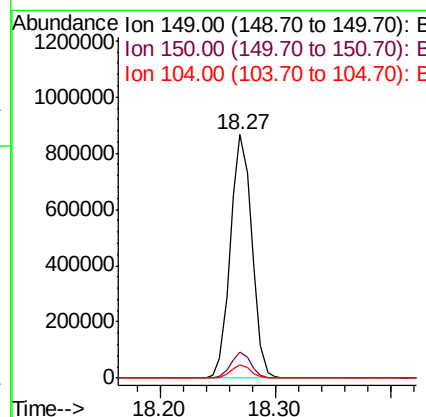
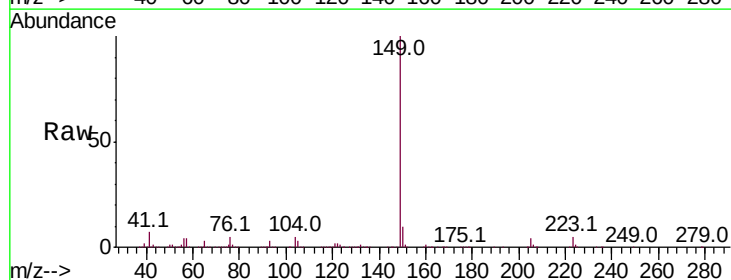
Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

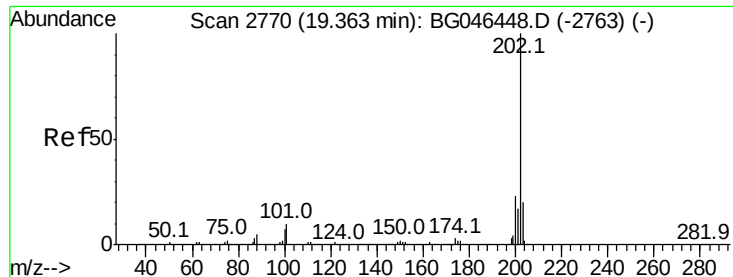
Tot Ion:167 Resp: 984169
 Ion Ratio Lower Upper
 167 100
 166 23.8 19.3 28.9
 139 12.2 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 42.625 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion:149 Resp: 1115671
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.1 12.1
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 42.681 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

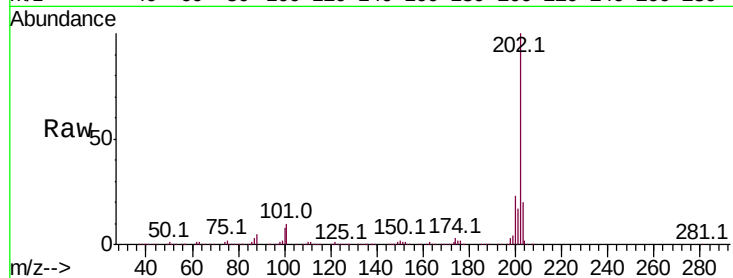
Tot Ion:202 Resp: 1342116

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.9

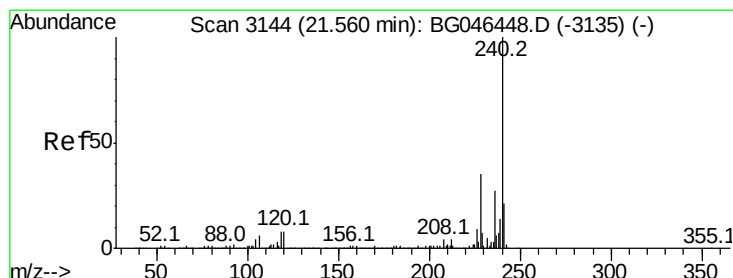
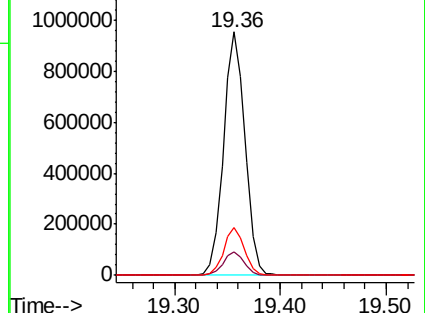
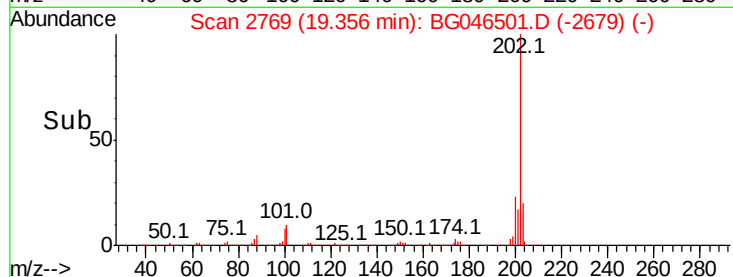
203 19.9 0.0 40.0



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: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

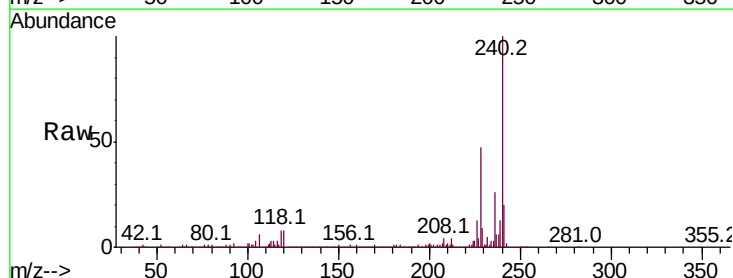
Tgt Ion:240 Resp: 496513

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

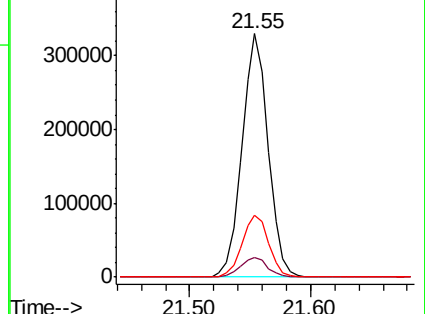
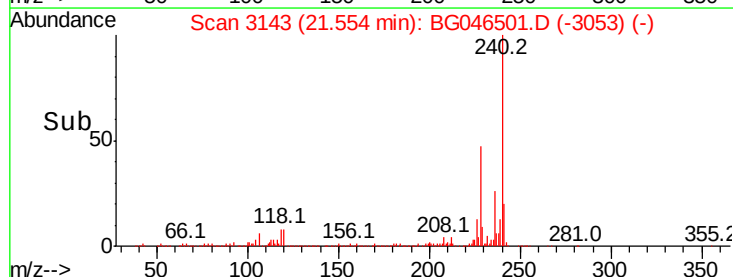
236 25.7 21.4 32.2

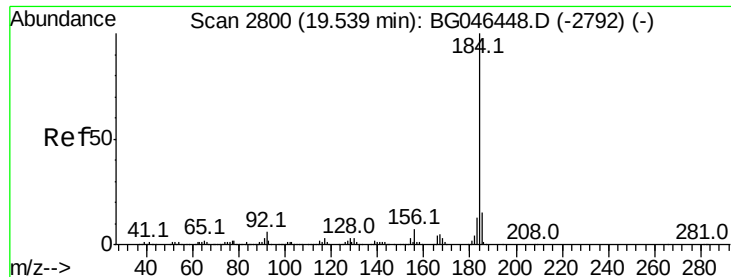


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.429 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

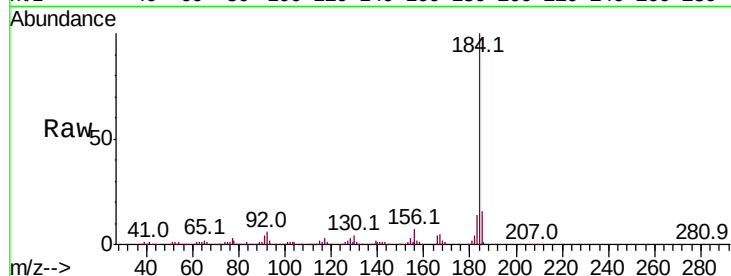
Tot Ion:184 Resp: 524134

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.8

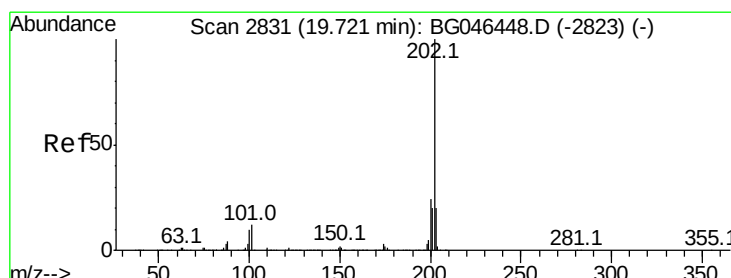
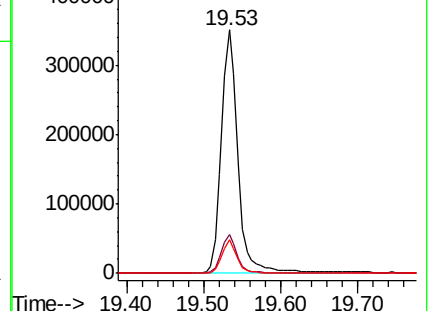
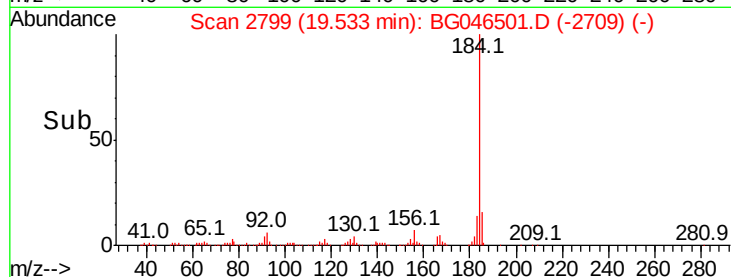
183 14.0 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.463 ng

RT: 19.71 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

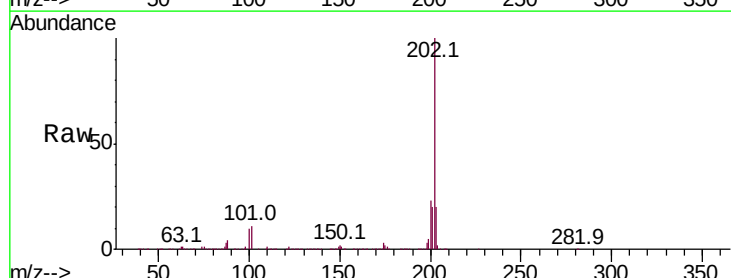
Tgt Ion:202 Resp: 1342570

Ion Ratio Lower Upper

202 100

200 23.4 18.9 28.3

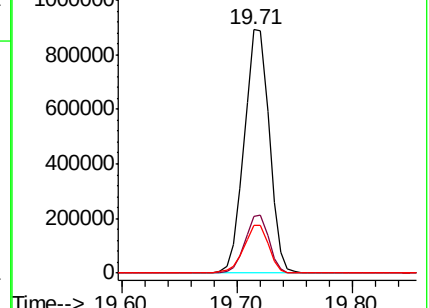
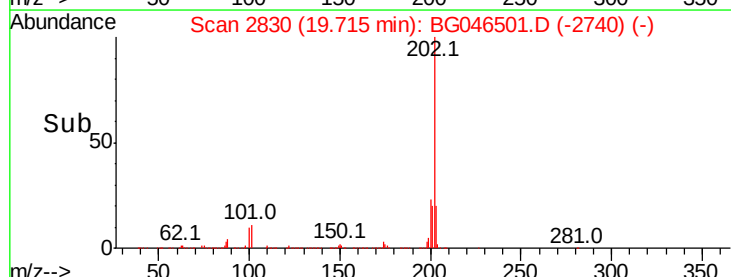
203 19.5 16.1 24.1

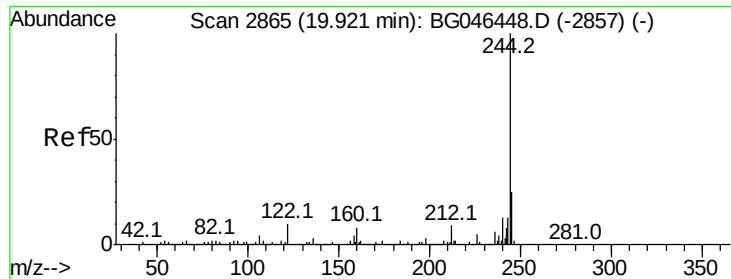


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



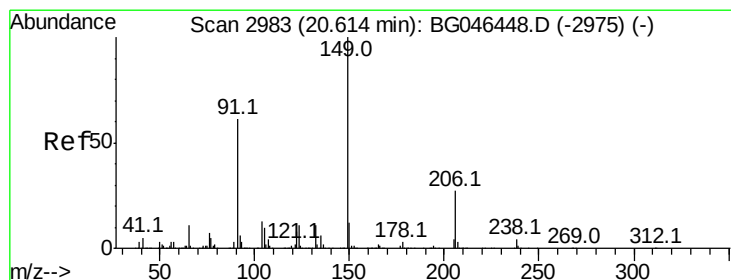
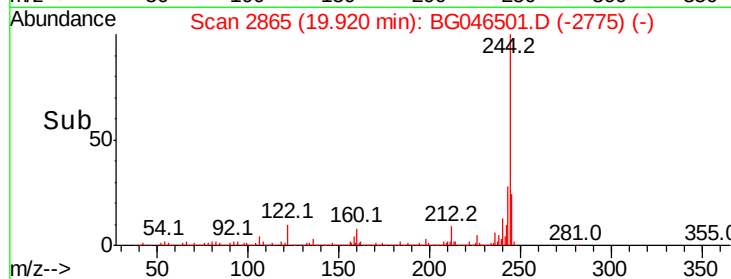
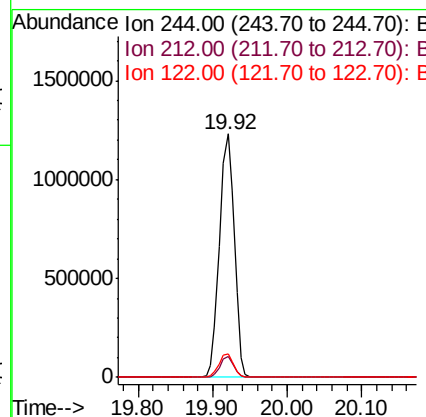
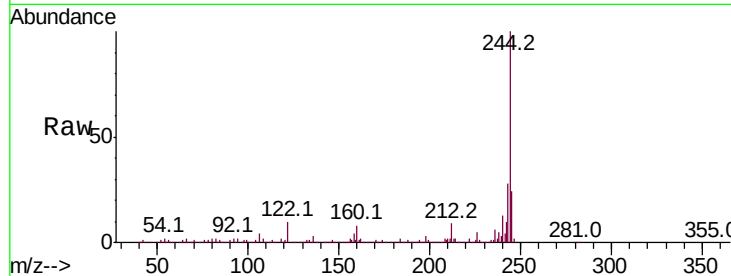


#79
 Terphenyl-d14
 Concen: 72.806 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion:244 Resp: 1698598

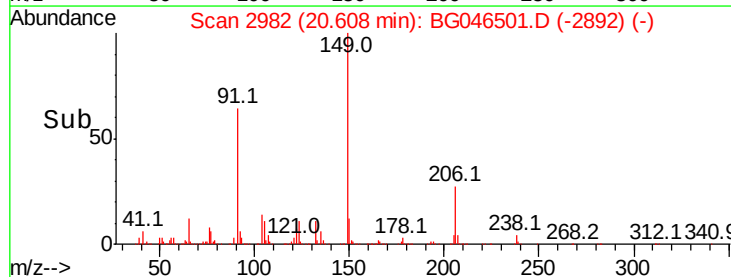
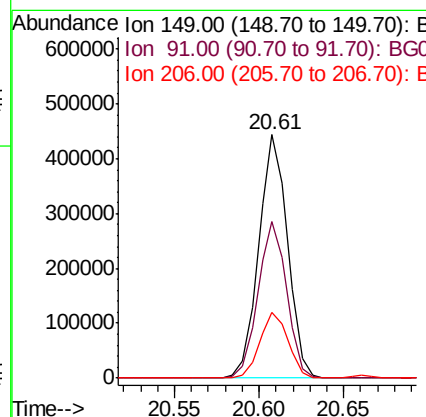
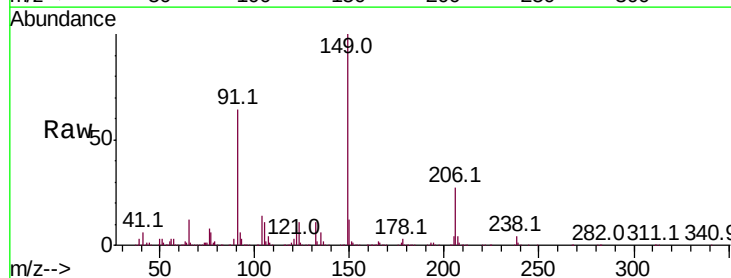
Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	9.5	8.2	12.4

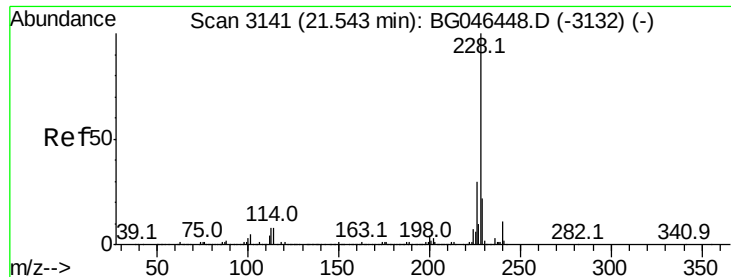


#80
 Butylbenzylphthalate
 Concen: 42.497 ng
 RT: 20.61 min Scan# 2982
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion:149 Resp: 524097

Ion	Ratio	Lower	Upper
149	100		
91	64.3	49.1	73.7
206	26.9	21.9	32.9

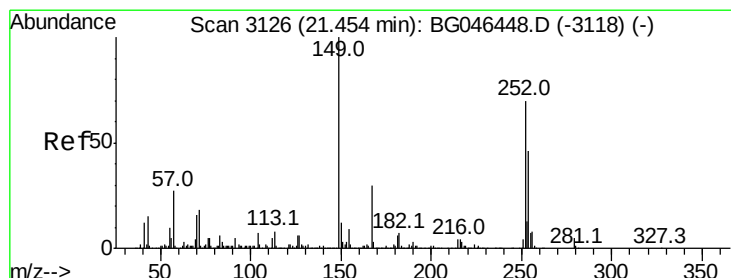
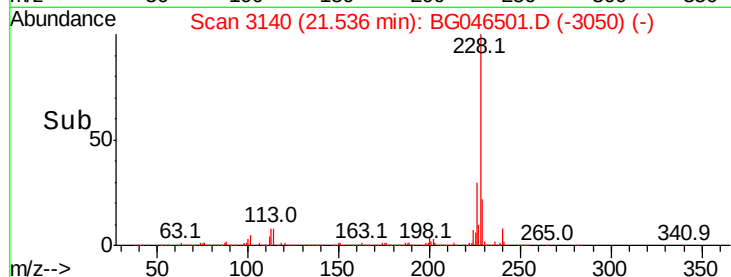
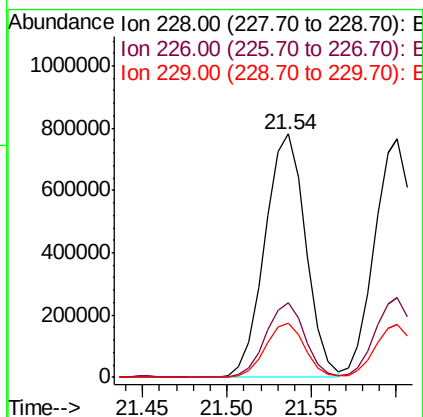
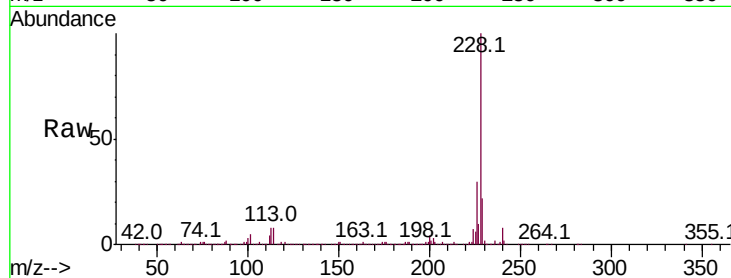




#81
Benzo(a)anthracene
Concen: 42.332 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

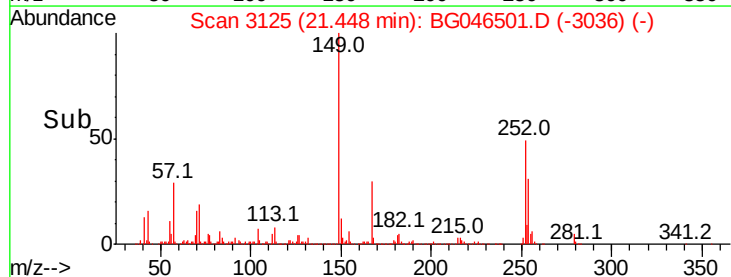
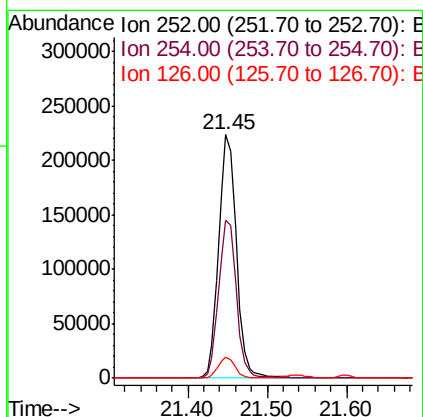
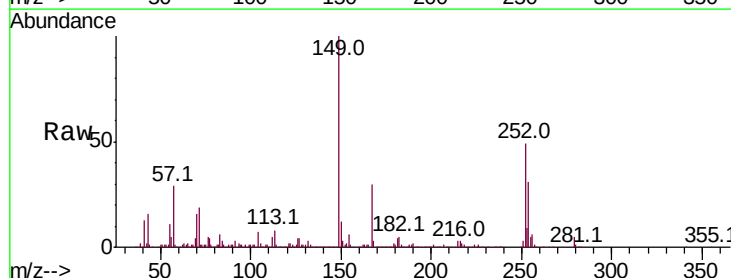
Instrument :
BNA_G
ClientSampleId :
PB131340BS

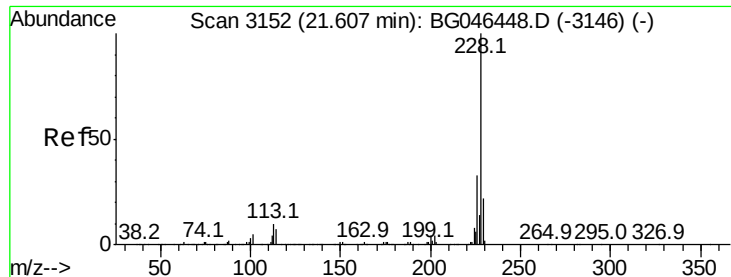
Tot Ion:228 Resp: 1310073
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 22.2 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 30.392 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:252 Resp: 349046
Ion Ratio Lower Upper
252 100
254 64.6 51.9 77.9
126 8.4 7.4 11.0





#83

Chrysene

Concen: 42.336 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

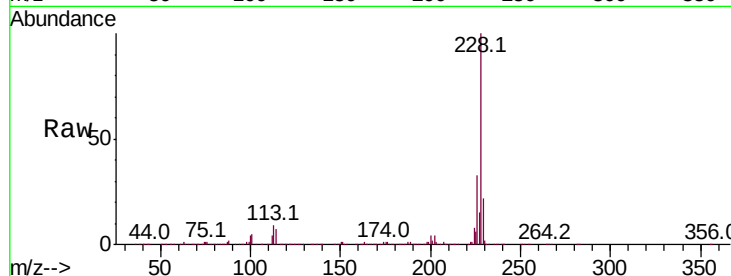
Tot Ion:228 Resp: 1260308

Ion Ratio Lower Upper

228 100

226 33.4 26.2 39.4

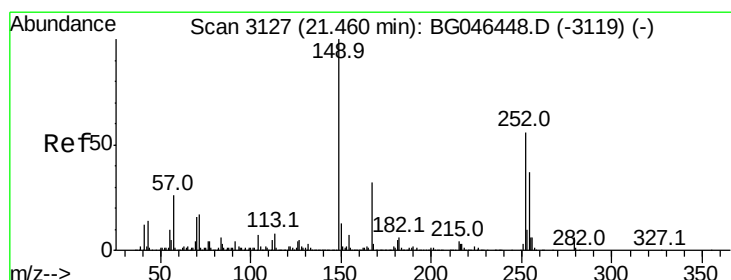
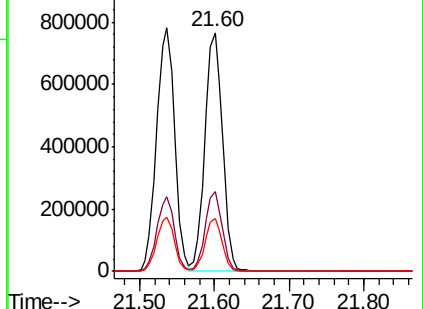
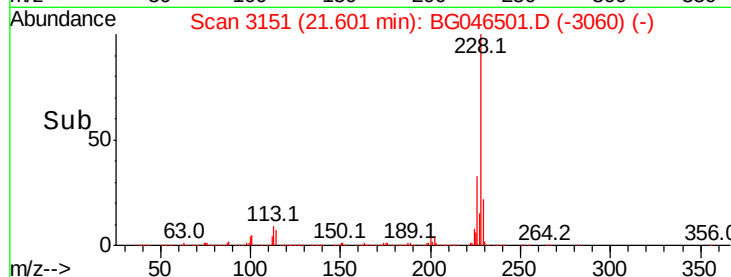
229 22.2 17.9 26.9



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: 43.686 ng

RT: 21.45 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

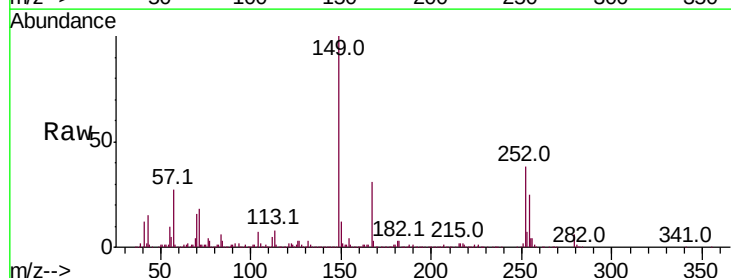
Tgt Ion:149 Resp: 735235

Ion Ratio Lower Upper

149 100

167 30.8 25.4 38.2

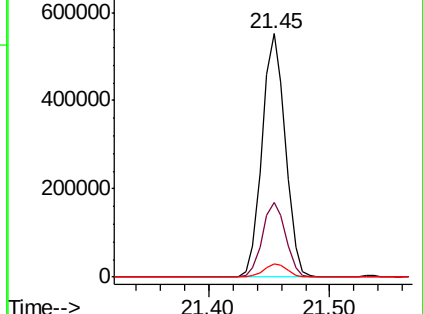
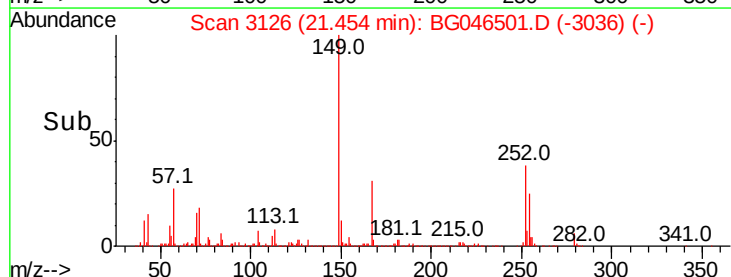
279 5.5 4.5 6.7

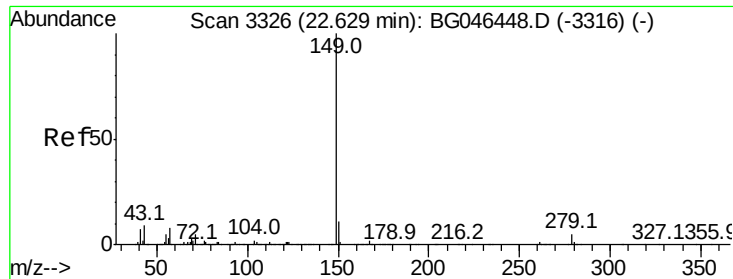


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.705 ng

RT: 22.62 min Scan# 3325

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

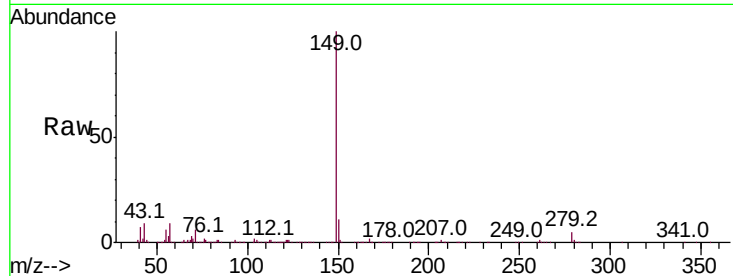
Tot Ion:149 Resp: 1288289

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

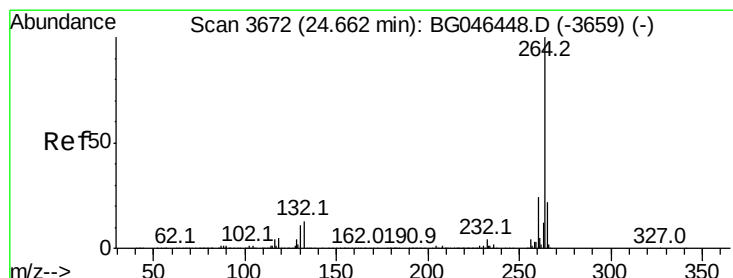
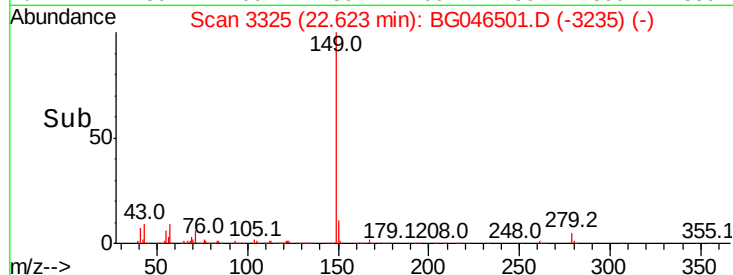
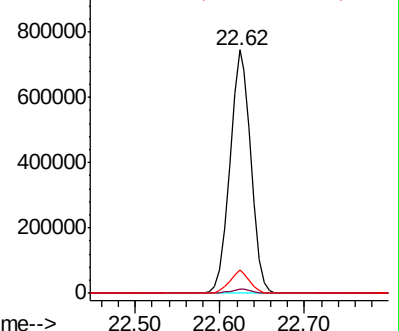
43 8.9 7.0 10.4



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: BG046501.D

Acq: 2 Sep 2020 10:37

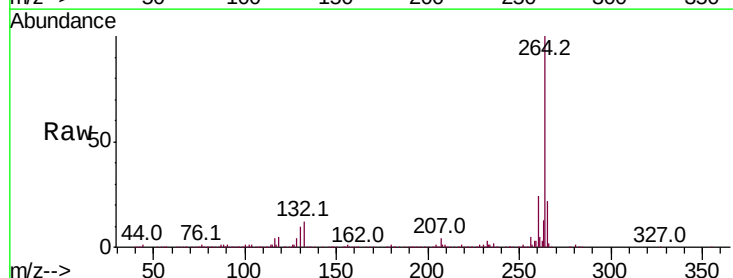
Tgt Ion:264 Resp: 539495

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

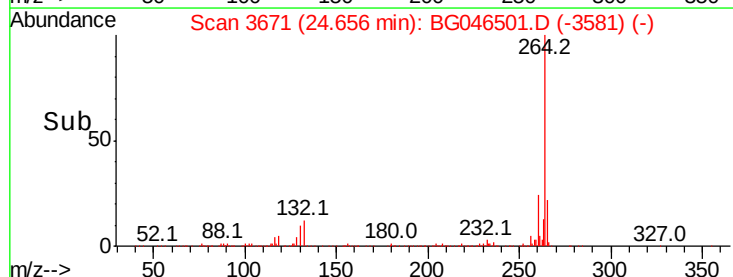
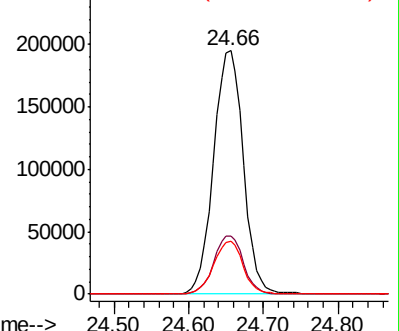
265 21.9 17.9 26.9

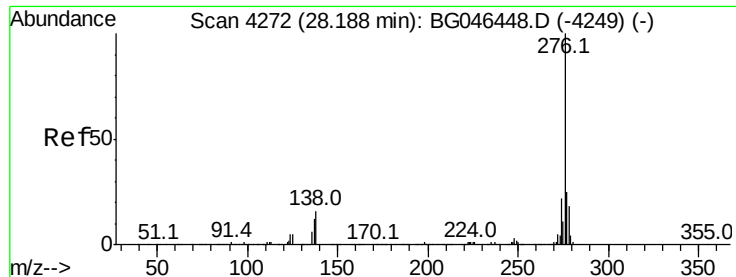


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



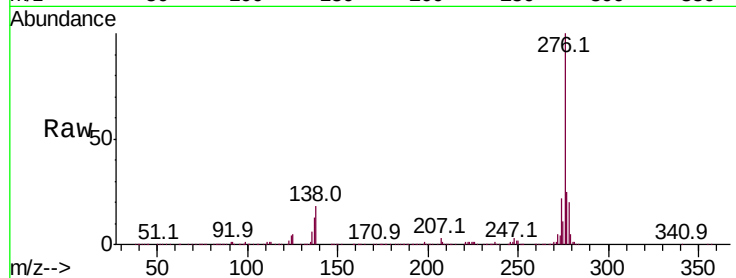


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.298 ng
 RT: 28.18 min Scan# 4270
 Delta R.T. 0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

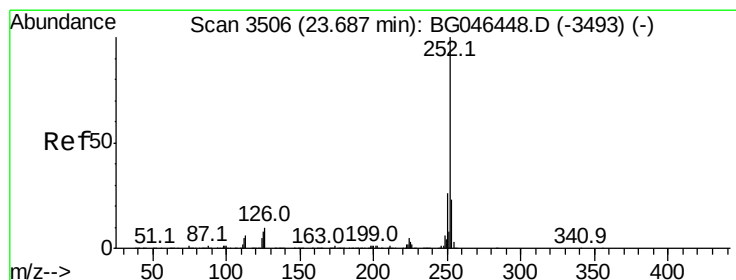
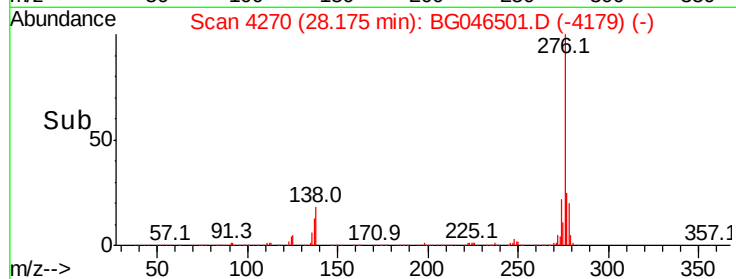
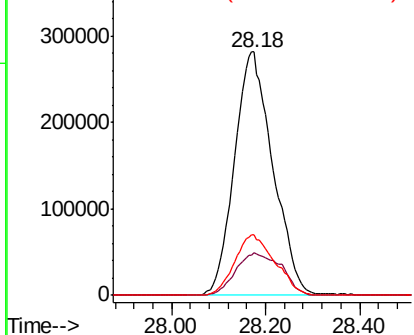
Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion:276 Resp: 1600187

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
277	26.1	20.7	31.1



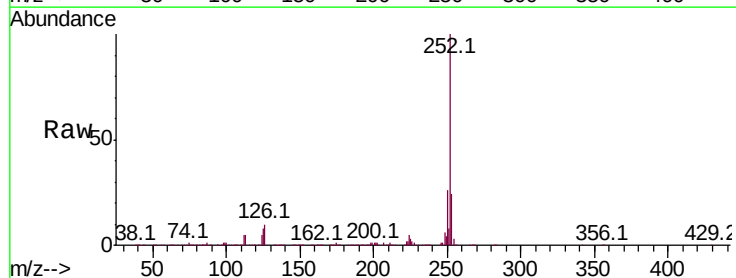
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



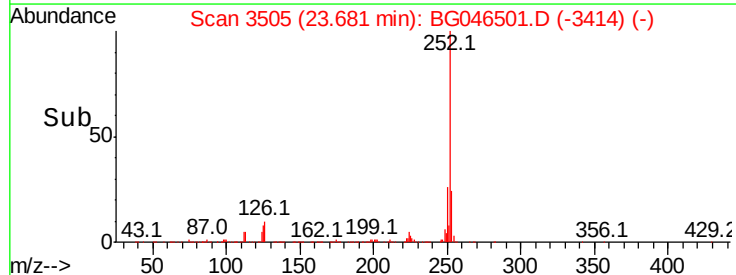
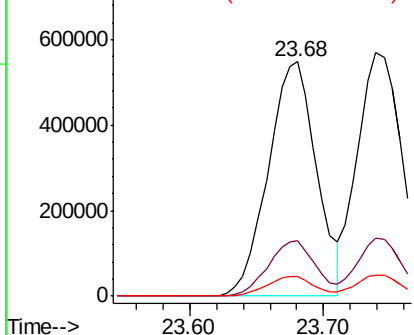
#88
 Benzo(b)fluoranthene
 Concen: 40.859 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

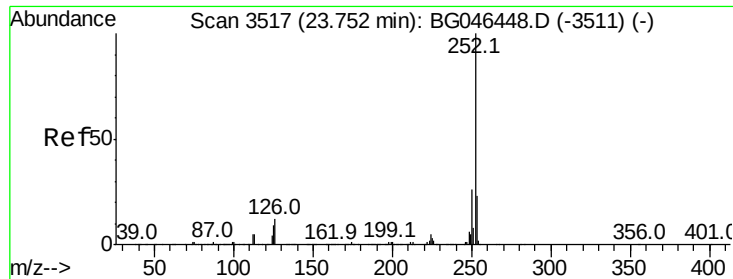
Tgt Ion:252 Resp: 1376390

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	8.3	6.2	9.2



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

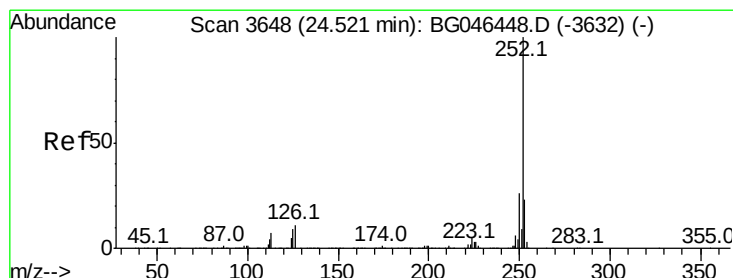
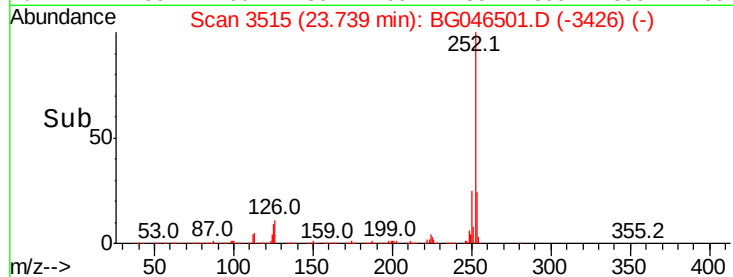
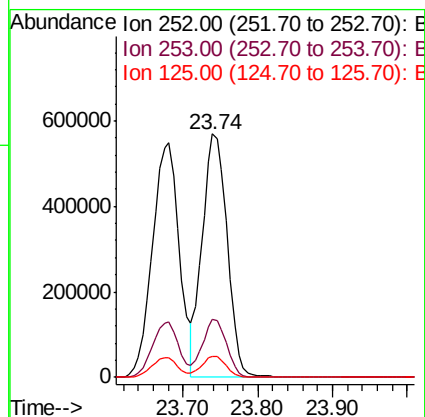
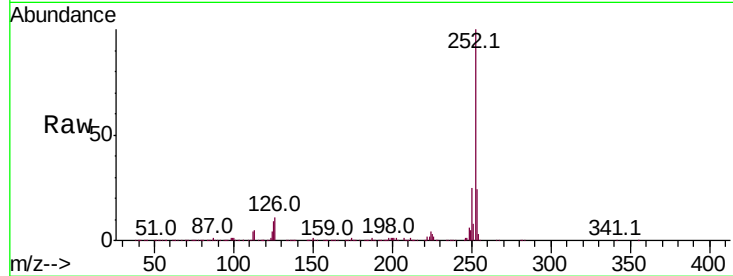




#89
Benzo(k)fluoranthene
Concen: 40.608 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

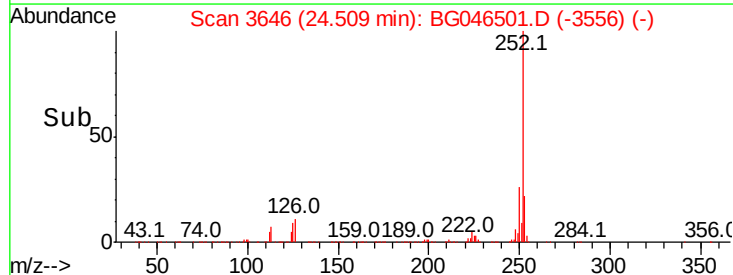
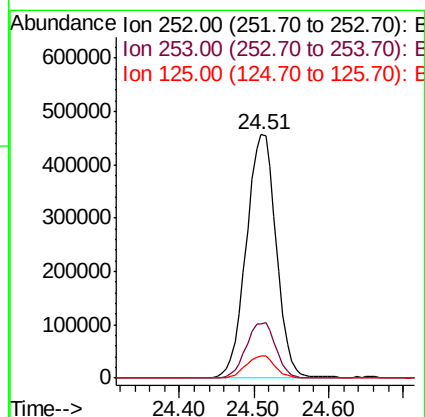
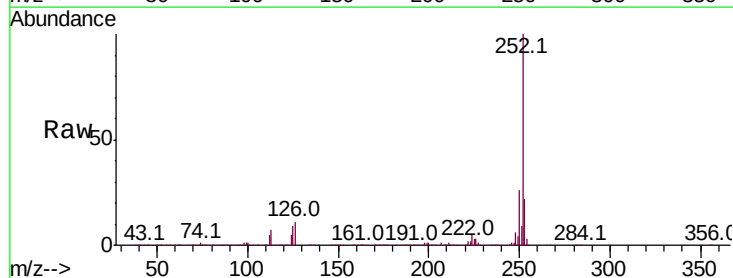
Instrument :
BNA_G
ClientSampleId :
PB131340BS

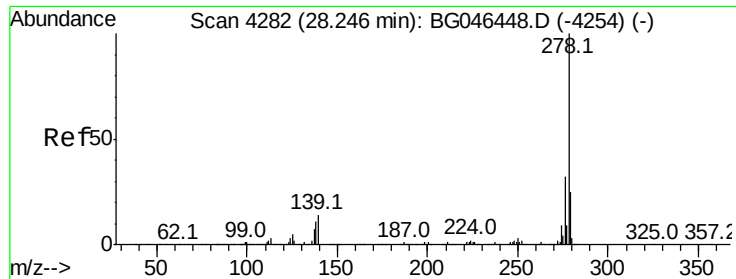
Tot Ion:252 Resp: 1322055
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 8.7 6.8 10.2



#90
Benzo(a)pyrene
Concen: 40.397 ng
RT: 24.51 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:252 Resp: 1269979
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 9.0 7.4 11.0



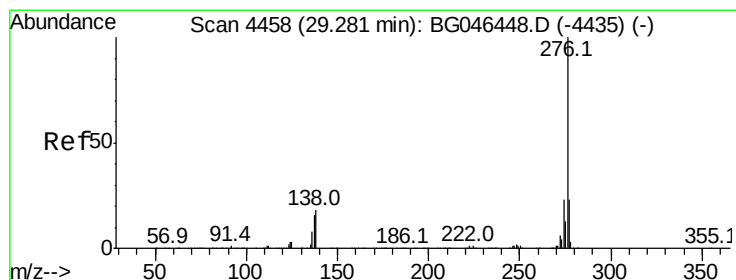
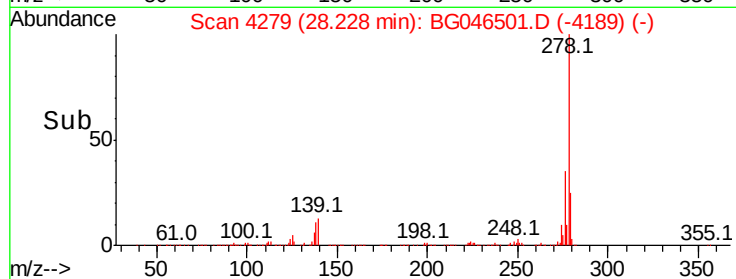
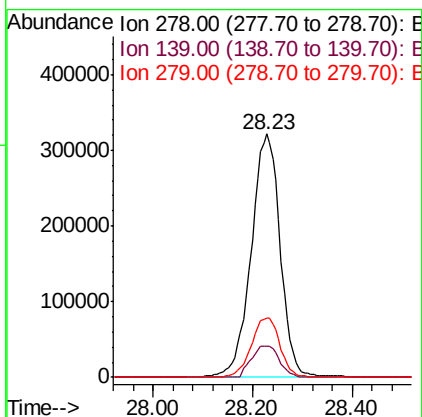
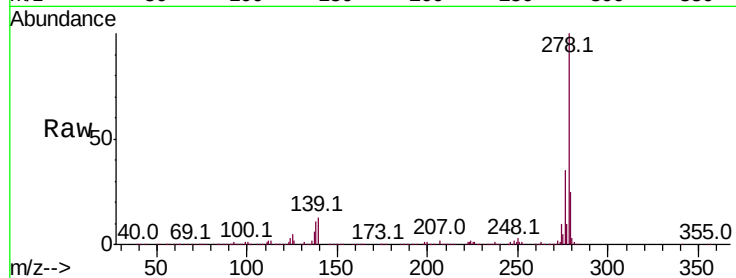


#91
Dibenzo(a,h)anthracene
Concen: 41.579 ng
RT: 28.23 min Scan# 4279
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion:278 Resp: 1300097

Ion	Ratio	Lower	Upper
278	100		
139	12.7	11.2	16.8
279	24.5	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 43.121 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:276 Resp: 1346405

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	17.0	14.7	22.1

