

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046596.D
 Acq On : 11 Sep 2020 14:45
 Operator : CG/JU
 Sample : PB131540BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131540BS

Quant Time: Sep 11 15:56:42 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	68327	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	281154	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	190002	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	441559	20.00	ng	0.00
76) Chrysene-d12	21.55	240	448958	20.00	ng	0.00
86) Perylene-d12	24.65	264	435991	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	433688	112.42	ng	0.00
7) Phenol-d6	7.11	99	568790	104.01	ng	0.00
23) Nitrobenzene-d5	9.08	82	453216	92.13	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	234483	91.08	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1157441	92.99	ng	0.00
79) Terphenyl-d14	19.91	244	1504627	71.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	56397	35.140	ng	97
3) Pyridine	3.80	79	128554	27.376	ng	97
4) n-Nitrosodimethylamine	3.72	42	67491	38.969	ng	99
6) Aniline	7.25	93	190238	30.914	ng	99
8) 2-Chlorophenol	7.49	128	170781	41.886	ng	99
9) Benzaldehyde	7.07	77	94185	30.740	ng	97
10) Phenol	7.13	94	210889	41.869	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	156416	38.633	ng	98
12) 1,3-Dichlorobenzene	7.82	146	191663	37.025	ng	99
13) 1,4-Dichlorobenzene	7.96	146	193167	37.274	ng	99
14) 1,2-Dichlorobenzene	8.28	146	184255	37.080	ng	99
15) Benzyl Alcohol	8.16	79	143083	40.753	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	233376	37.161	ng	99
17) 2-Methylphenol	8.38	107	146281	40.950	ng	99
18) Hexachloroethane	9.01	117	63957	36.398	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	124025	37.915	ng	98
20) 3+4-Methylphenols	8.70	107	201775	40.923	ng	98
22) Acetophenone	8.75	105	245075	35.809	ng	# 97
24) Nitrobenzene	9.12	77	179321	36.899	ng	97
25) Isophorone	9.64	82	342642	37.993	ng	98
26) 2-Nitrophenol	9.84	139	100216	39.085	ng	97
27) 2,4-Dimethylphenol	9.90	122	161056	45.669	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	214135	36.889	ng	100
29) 2,4-Dichlorophenol	10.38	162	186910	39.757	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	199099	35.693	ng	99
31) Naphthalene	10.77	128	511996	37.297	ng	99
32) Benzoic acid	10.05	122	56921	26.795	ng	98
33) 4-Chloroaniline	10.88	127	150041	24.787	ng	99
34) Hexachlorobutadiene	11.07	225	127892	35.319	ng	100
35) Caprolactam	11.65	113	40244	22.901	ng	98
36) 4-Chloro-3-methylphenol	12.01	107	174608	37.974	ng	94
37) 2-Methylnaphthalene	12.38	142	404046	37.319	ng	99
38) 1-Methylnaphthalene	12.60	142	382554	37.303	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	239973	38.300	ng	99

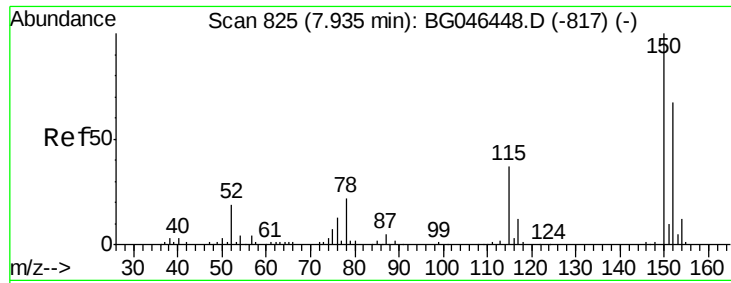
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046596.D
 Acq On : 11 Sep 2020 14:45
 Operator : CG/JU
 Sample : PB131540BS
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Instrument :
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Quant Time: Sep 11 15:56:42 2020
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 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)
41) Hexachlorocyclopentadiene	12.73	237	244735	89.830	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	156643	37.047	nq	99
44) 2,4,5-Trichlorophenol	13.07	196	166955	37.582	nq	97
46) 1,1'-Biphenyl	13.39	154	524911	39.708	nq	99
47) 2-Chloronaphthalene	13.43	162	406794	36.295	nq	99
48) 2-Nitroaniline	13.63	65	109367	35.141	nq	100
49) Acenaphthylene	14.28	152	653893	38.460	nq	99
50) Dimethylphthalate	14.01	163	516311	35.124	nq	100
51) 2,6-Dinitrotoluene	14.13	165	116868	36.067	nq	98
52) Acenaphthene	14.62	154	382644	36.319	nq	99
53) 3-Nitroaniline	14.46	138	90766	25.860	nq	98
54) 2,4-Dinitrophenol	14.67	184	119136	62.989	nq	97
55) Dibenzofuran	14.96	168	626051	37.027	nq	99
56) 4-Nitrophenol	14.78	139	179260	69.396	nq	96
57) 2,4-Dinitrotoluene	14.92	165	163866	35.467	nq	99
58) Fluorene	15.60	166	512362	36.105	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	158577	36.759	nq	97
60) Diethylphthalate	15.38	149	500537	34.925	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	280574	35.900	nq	96
62) 4-Nitroaniline	15.62	138	114262	30.853	nq	98
63) Azobenzene	15.89	77	423147	36.296	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	97751	39.112	nq	99
66) n-Nitrosodiphenylamine	15.81	169	455458	38.234	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	191380	37.150	nq	97
68) Hexachlorobenzene	16.62	284	200675	35.173	nq	99
69) Atrazine	16.76	200	165330	34.021	nq	99
70) Pentachlorophenol	16.96	266	213664	71.678	nq	98
71) Phenanthrene	17.34	178	819126	36.599	nq	99
72) Anthracene	17.44	178	844727	38.254	nq	100
73) Carbazole	17.70	167	760207	36.463	nq	100
74) Di-n-butylphthalate	18.26	149	870664	36.317	nq	100
75) Fluoranthene	19.35	202	1055118	36.633	nq	99
77) Benzidine	19.53	184	363390	34.833	nq	98
78) Pyrene	19.71	202	1051964	36.796	nq	99
80) Butylbenzylphthalate	20.60	149	404419	36.266	nq	97
81) Benzo(a)anthracene	21.53	228	1018728	36.405	nq	98
82) 3,3'-Dichlorobenzidine	21.45	252	309137	29.768	nq	99
83) Chrysene	21.60	228	979568	36.391	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	569579	37.428	nq	99
85) Di-n-octyl phthalate	22.62	149	979984	37.609	nq	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1219993	38.960	nq	100
88) Benzo(b)fluoranthene	23.67	252	1068882	39.263	nq	99
89) Benzo(k)fluoranthene	23.73	252	1019151	38.735	nq	99
90) Benzo(a)pyrene	24.50	252	966438	38.040	nq	100
91) Dibenzo(a,h)anthracene	28.22	278	1004371	39.747	nq	99
92) Benzo(g,h,i)perylene	29.26	276	1026046	40.662	nq	98

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

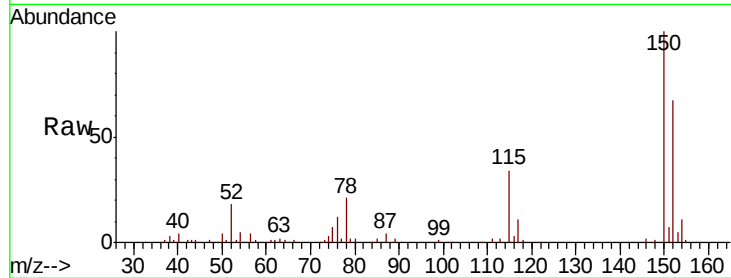


#1

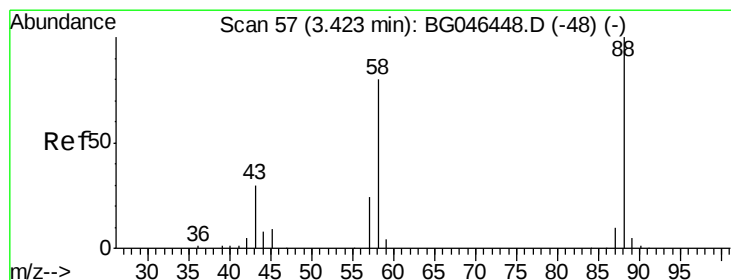
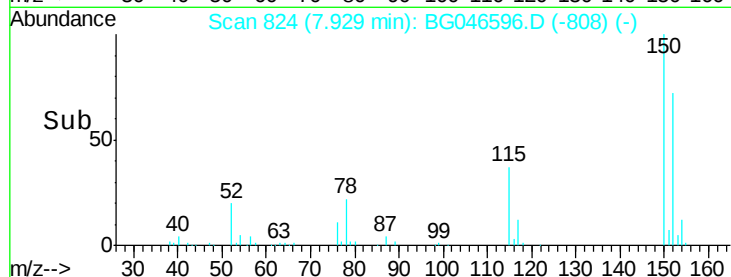
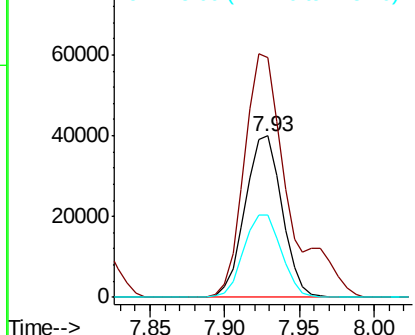
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion:152 Resp: 68327
Ion Ratio Lower Upper
152 100
150 148.7 119.5 179.3
115 51.0 44.3 66.5



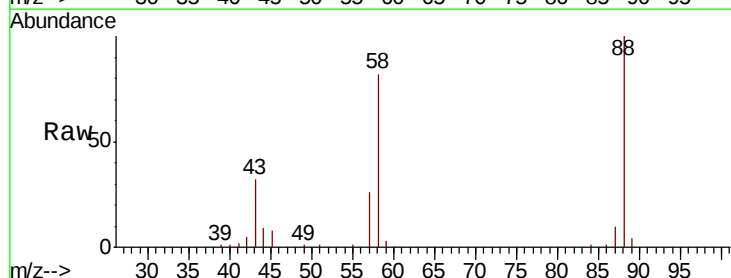
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



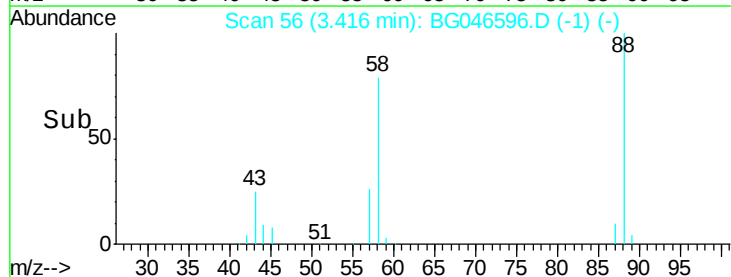
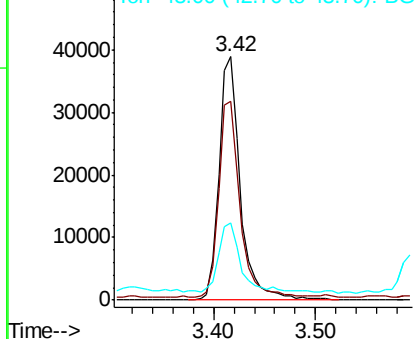
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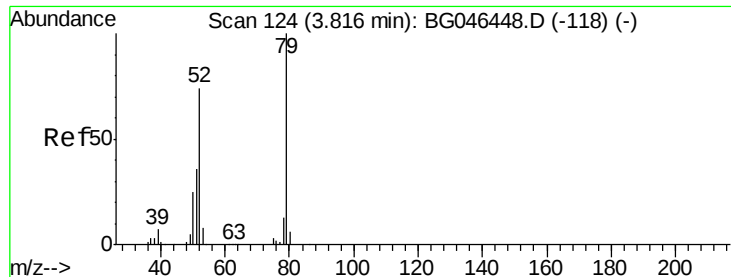
1,4-Dioxane
Concen: 35.140 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion: 88 Resp: 56397
Ion Ratio Lower Upper
88 100
58 80.1 61.4 92.2
43 27.7 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: 27.376 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

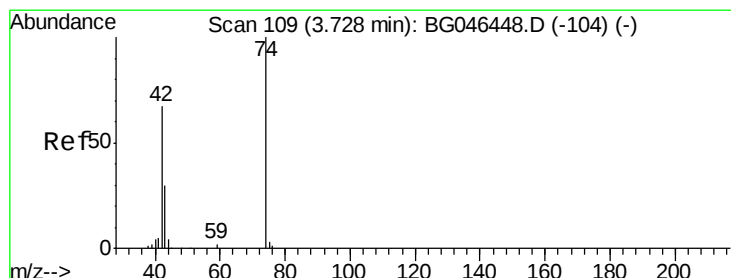
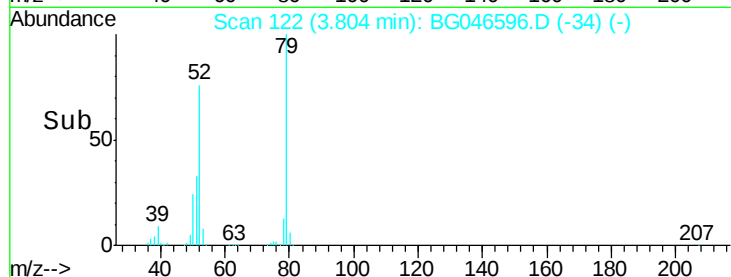
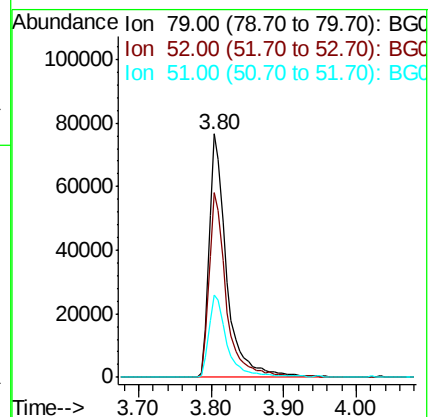
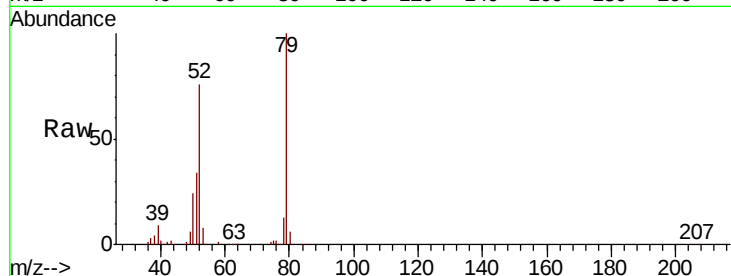
Tot Ion: 79 Resp: 128554

Ion Ratio Lower Upper

79 100

52 76.0 59.1 88.7

51 33.7 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 38.969 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

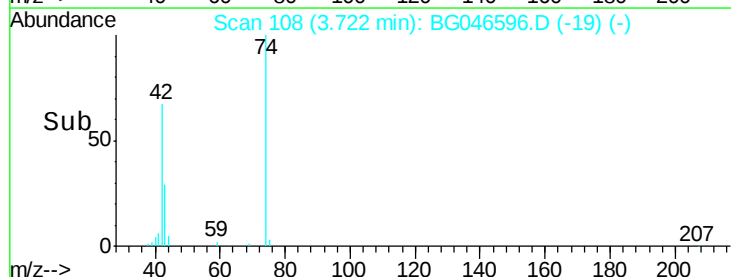
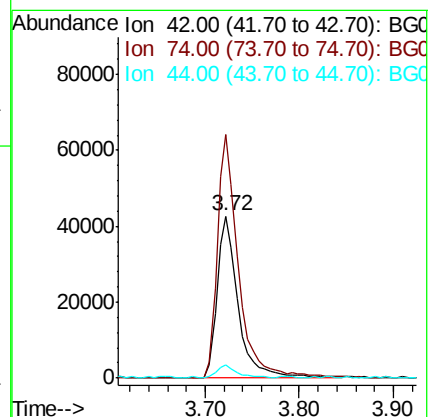
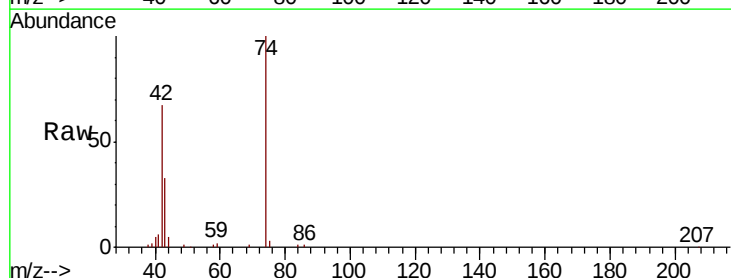
Tgt Ion: 42 Resp: 67491

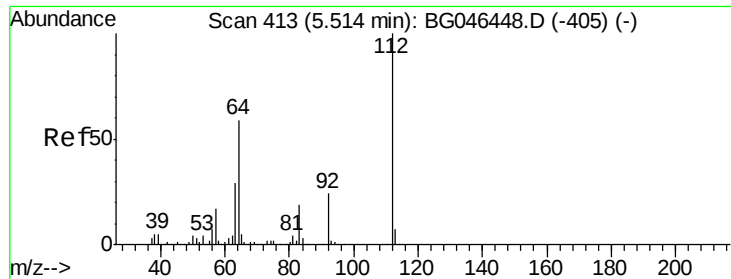
Ion Ratio Lower Upper

42 100

74 150.3 119.5 179.3

44 8.1 5.7 8.5





#5

2-Fluorophenol

Concen: 112.421 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

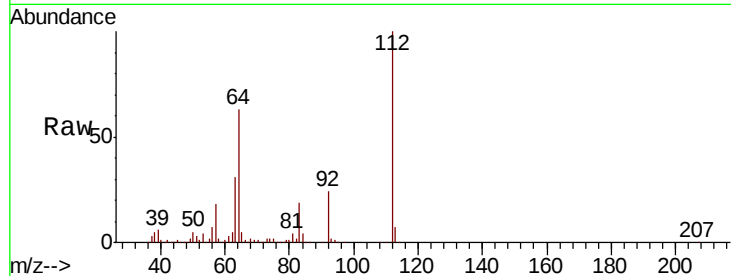
Tot Ion:112 Resp: 433688

Ion Ratio Lower Upper

112 100

64 62.7 47.0 70.6

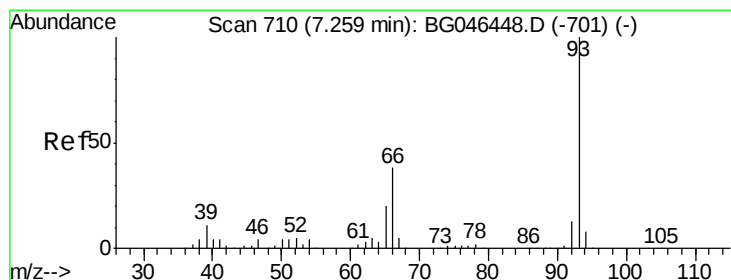
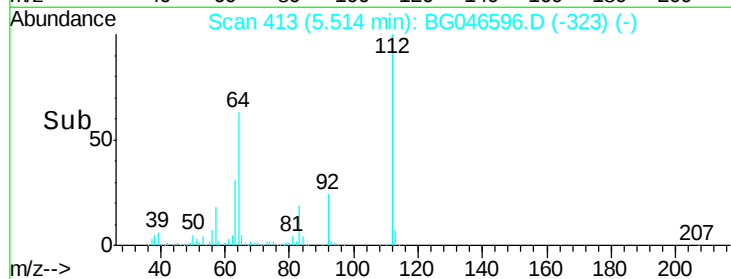
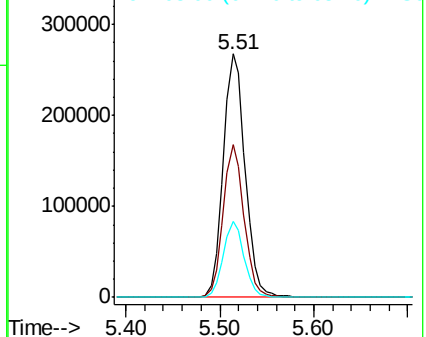
63 31.2 23.5 35.3



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: 30.914 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

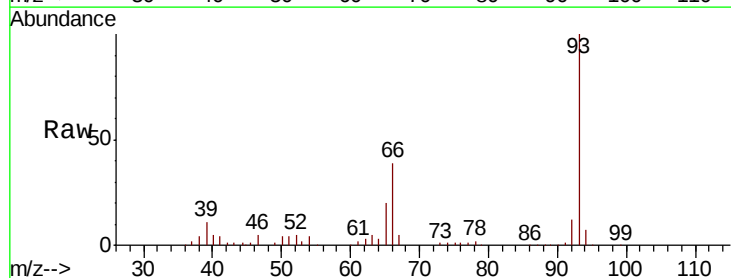
Tgt Ion: 93 Resp: 190238

Ion Ratio Lower Upper

93 100

66 38.6 30.4 45.6

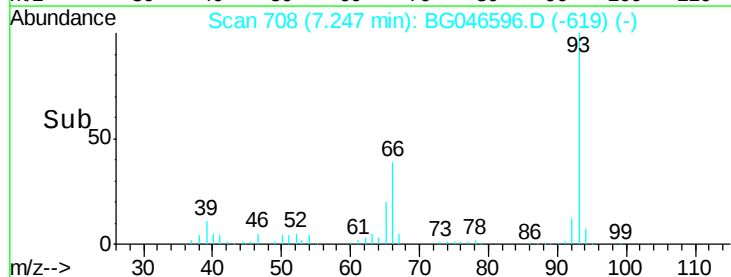
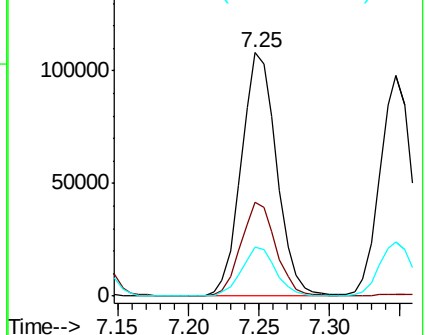
65 20.3 15.8 23.6



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: 104.008 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

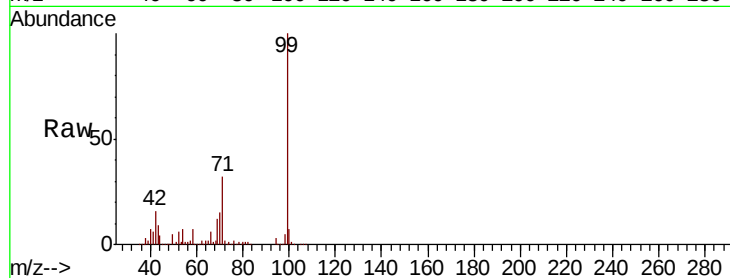
Tot Ion: 99 Resp: 568790

Ion Ratio Lower Upper

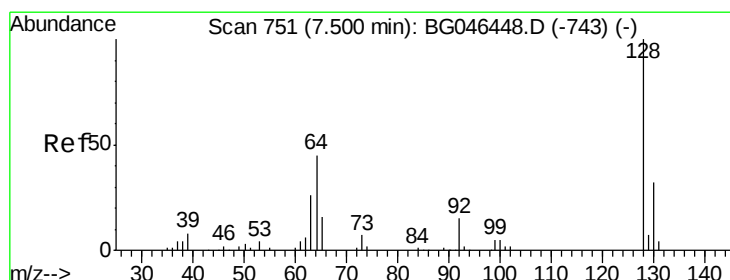
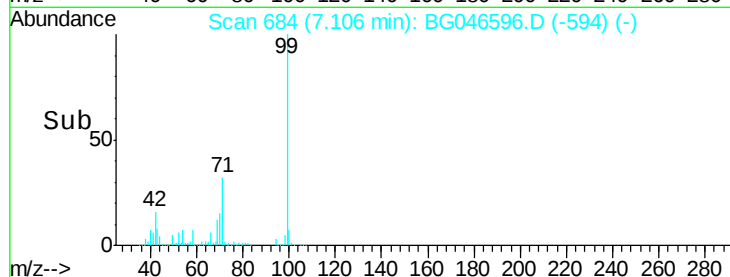
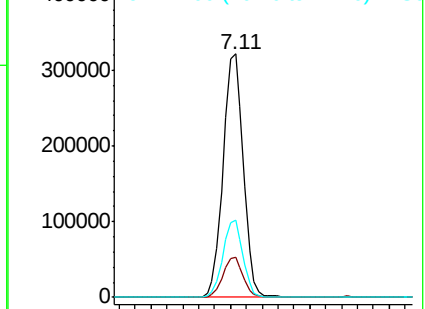
99 100

42 16.5 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: 41.886 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

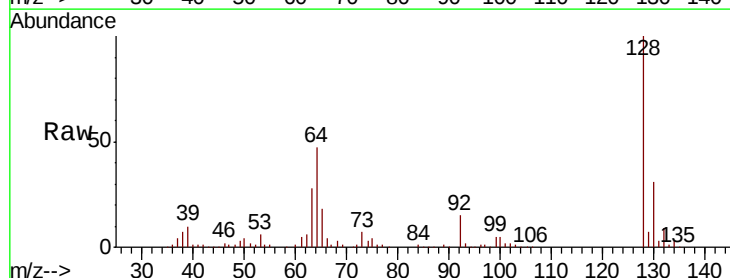
Tgt Ion: 128 Resp: 170781

Ion Ratio Lower Upper

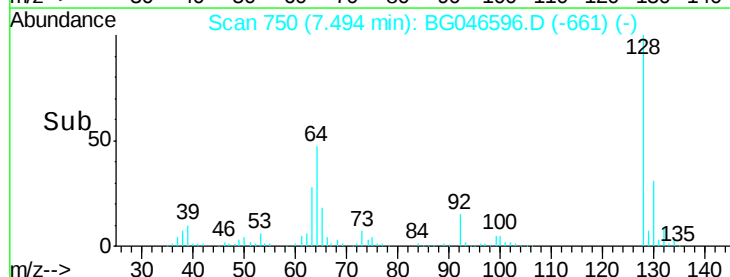
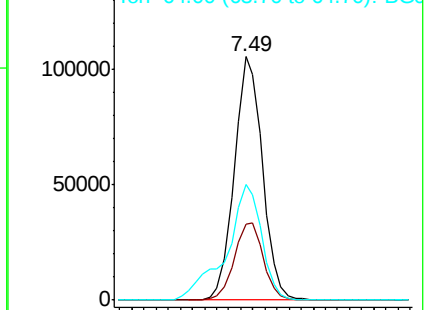
128 100

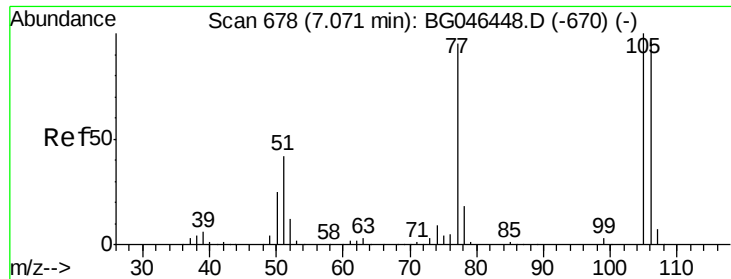
130 31.3 12.4 52.4

64 47.4 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

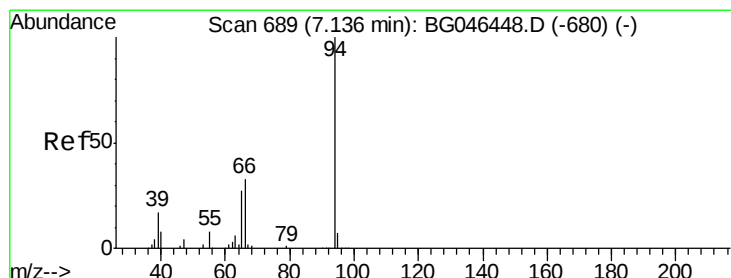
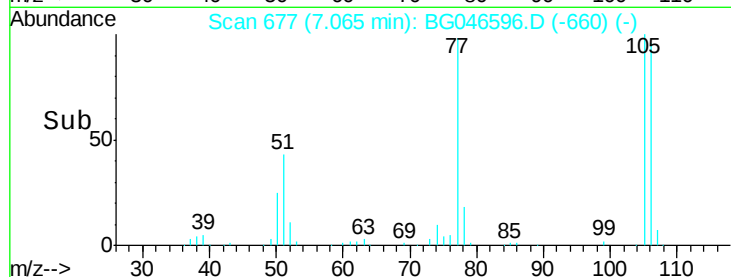
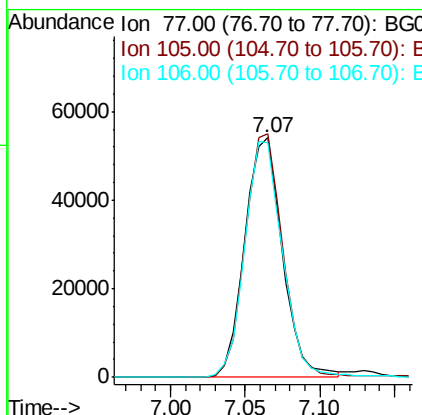
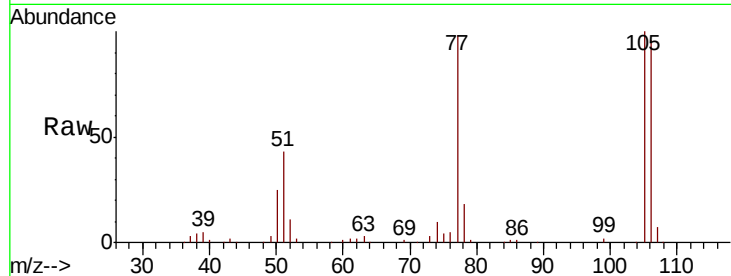




#9
Benzaldehyde
Concen: 30.740 ng
RT: 7.07 min Scan# 677
Delta R.T. -0.00 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

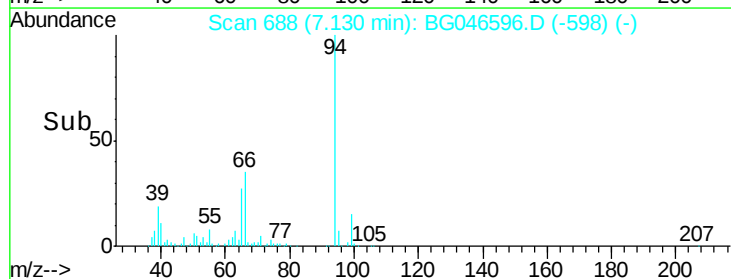
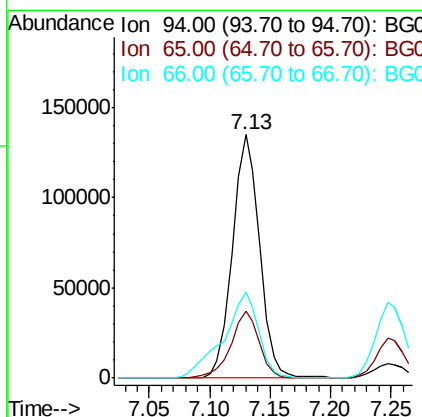
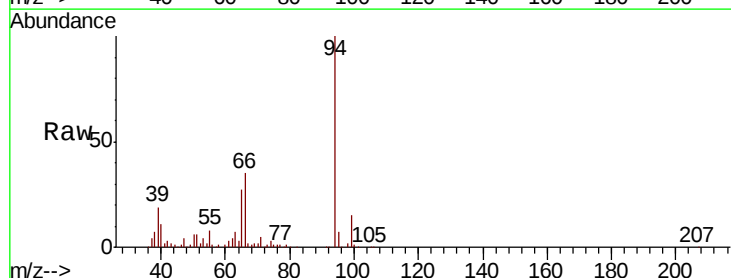
Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion: 77 Resp: 94185
Ion Ratio Lower Upper
77 100
105 101.7 85.6 125.6
106 97.9 80.8 120.8



#10
Phenol
Concen: 41.869 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.00 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion: 94 Resp: 210889
Ion Ratio Lower Upper
94 100
65 27.3 7.5 47.5
66 35.3 14.1 54.1

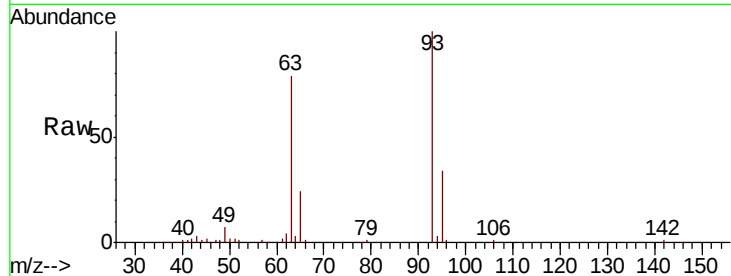




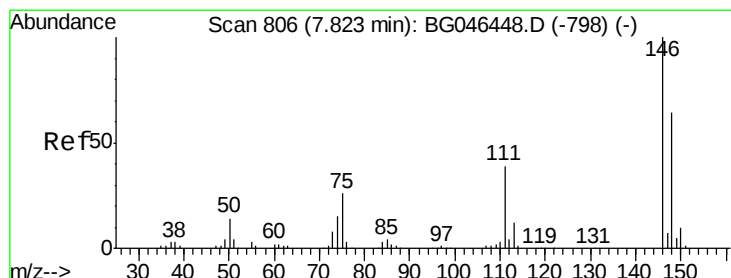
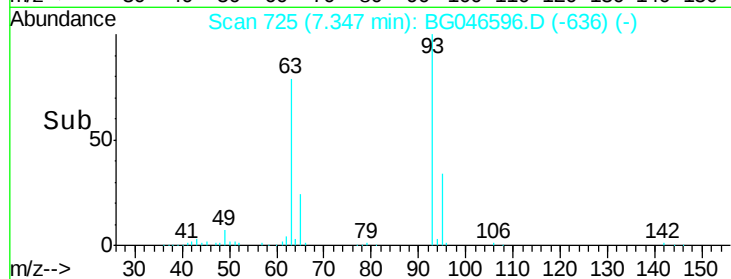
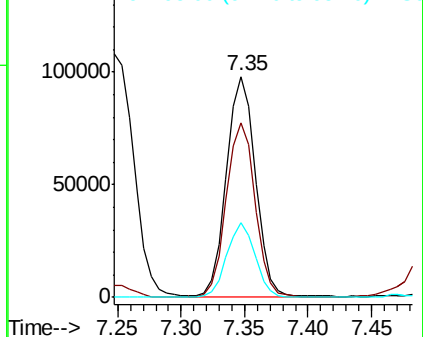
#11
bis(2-Chloroethyl)ether
Concen: 38.633 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion:	93	Resp:	156416
Ion	Ratio	Lower	Upper
93	100		
63	79.0	57.7	97.7
95	33.7	12.3	52.3

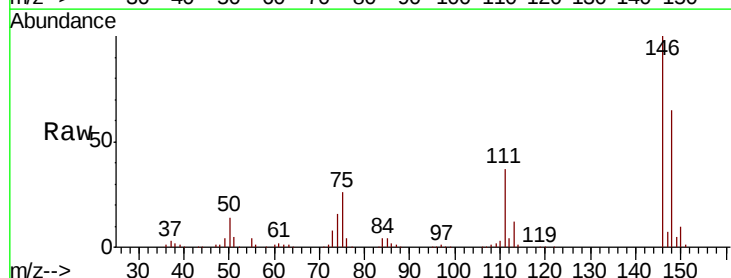


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

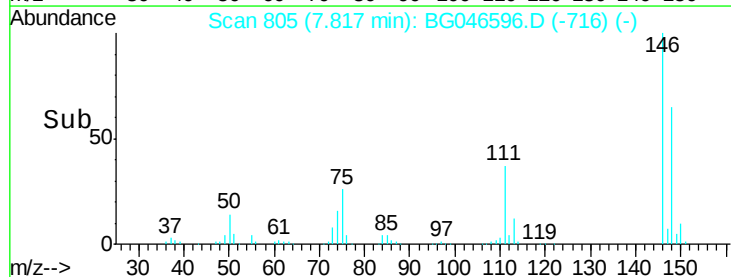
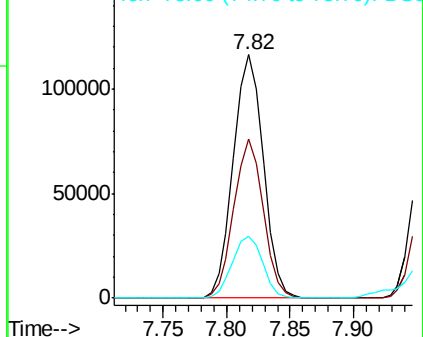


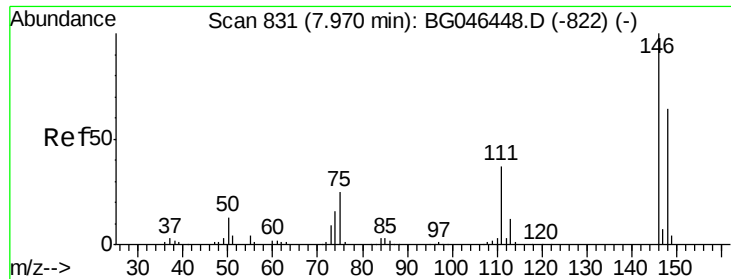
#12
1,3-Dichlorobenzene
Concen: 37.025 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:	146	Resp:	191663
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
75	25.6	20.7	31.1



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

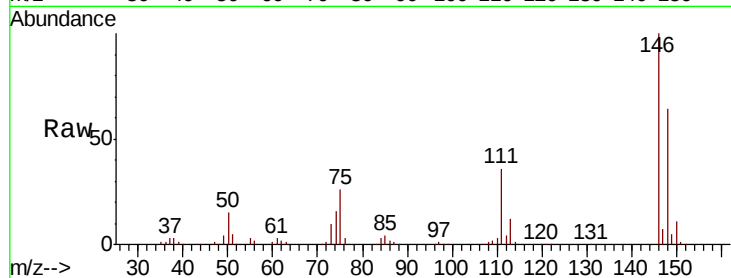




#13
 1,4-Dichlorobenzene
 Concen: 37.274 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Instrument :
 BNA_G
 ClientSampleId :
 PB131540BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
111	36.1	29.8	44.6

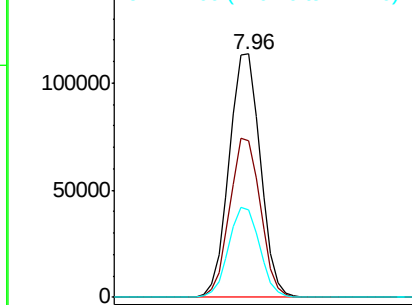


Abundance

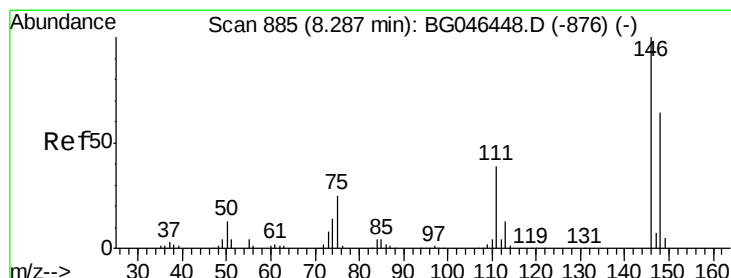
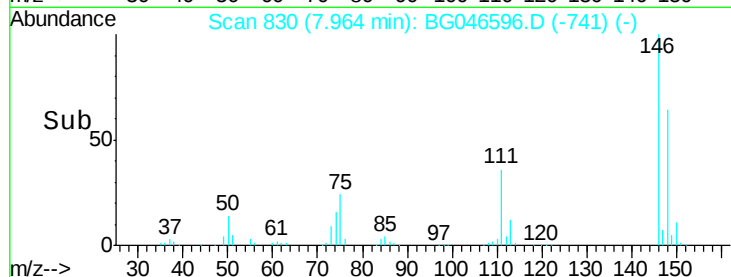
Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

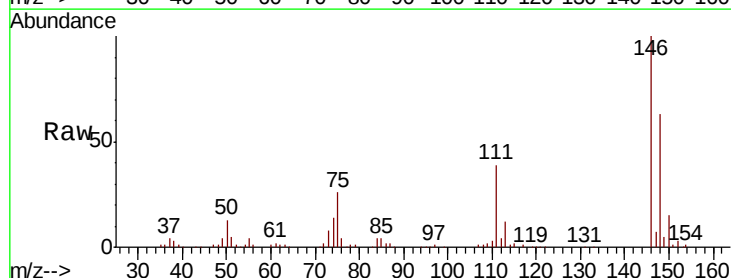


Time-->



#14
 1,2-Dichlorobenzene
 Concen: 37.080 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
111	38.6	31.4	47.2

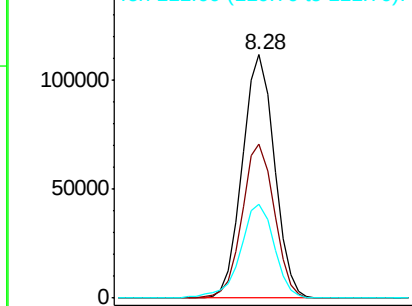


Abundance

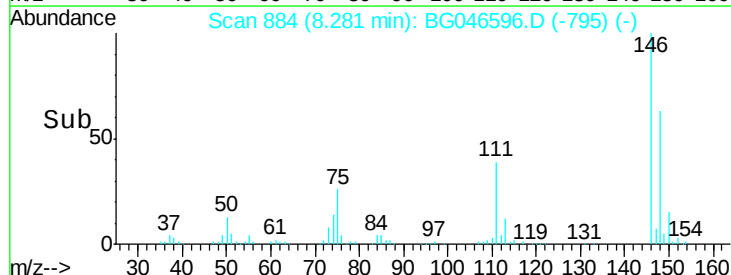
Ion 146.00 (145.70 to 146.70): E

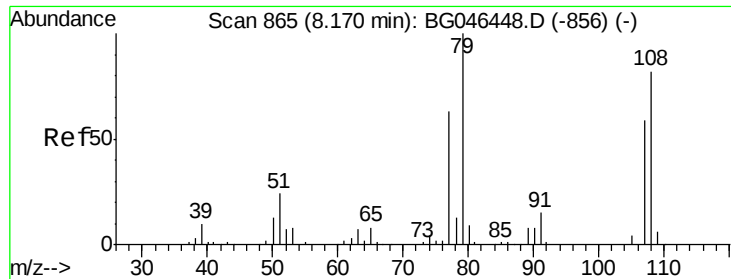
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 40.753 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleID :

PB131540BS

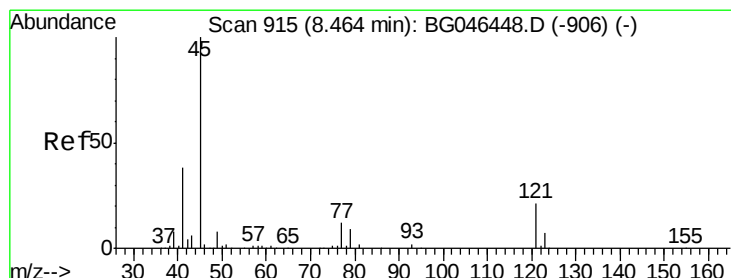
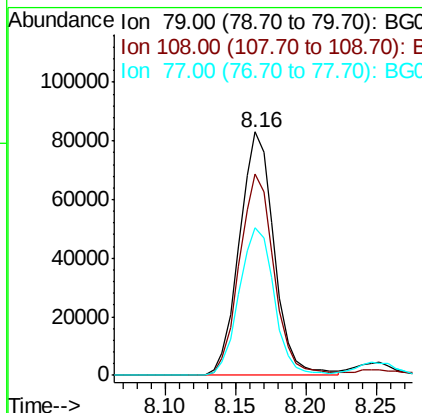
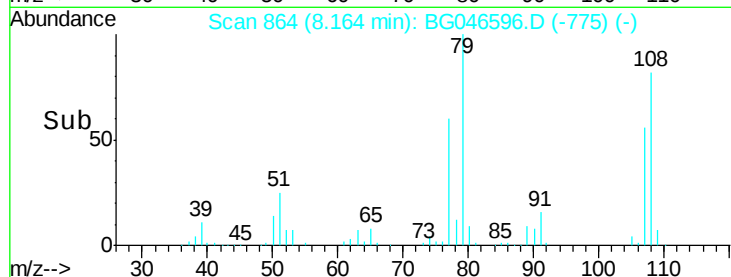
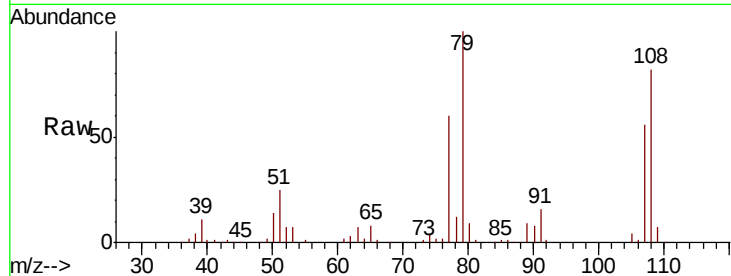
Tot Ion: 79 Resp: 143083

Ion Ratio Lower Upper

79 100

108 82.5 65.7 98.5

77 60.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.161 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

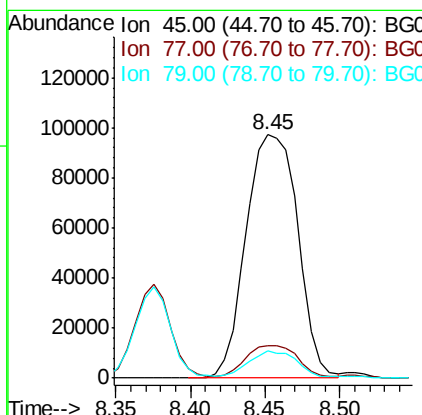
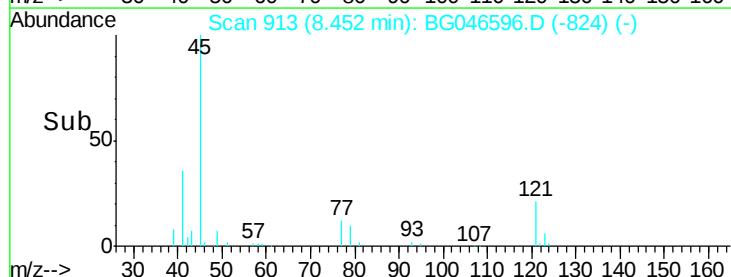
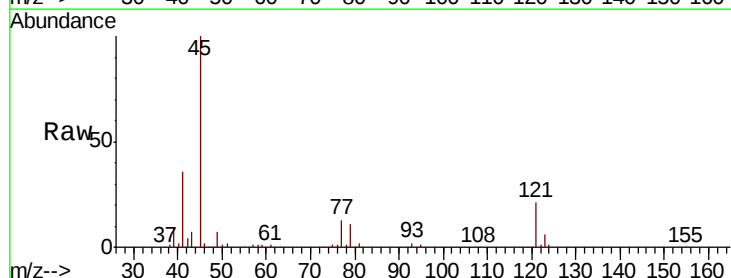
Tgt Ion: 45 Resp: 233376

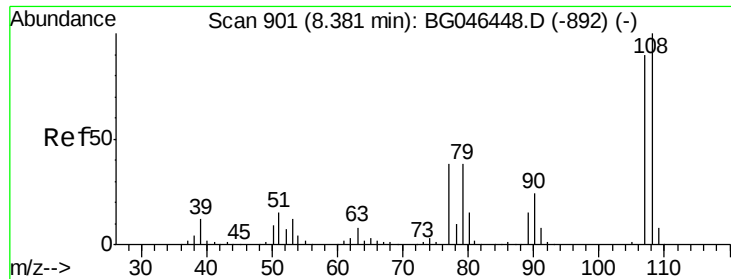
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.2

79 11.2 0.0 30.3

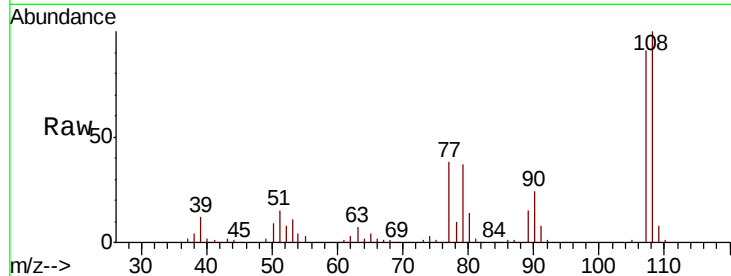




#17
2-Methylphenol
Concen: 40.950 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	89.4	134.0
77	42.5	34.5	51.7
79	41.3	33.8	50.6



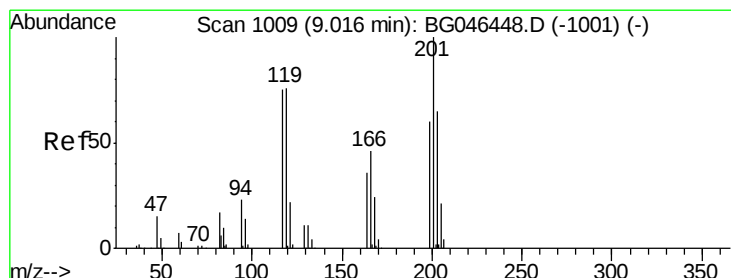
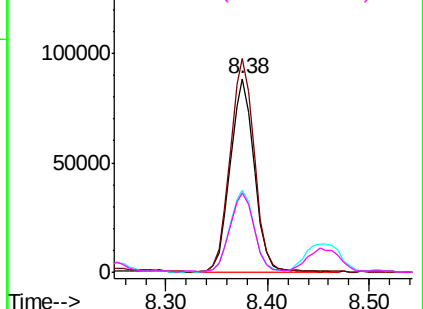
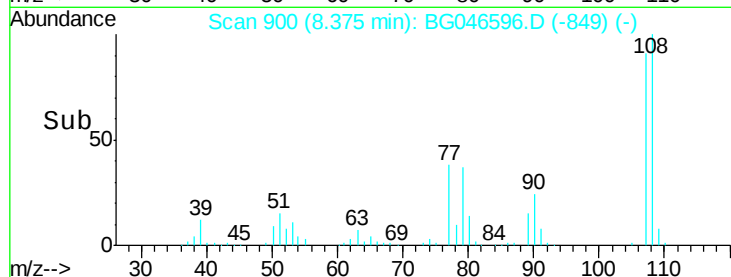
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

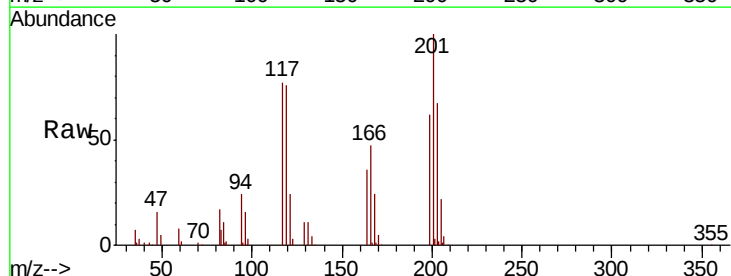
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.398 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	80.8	121.2
201	129.1	106.7	160.1

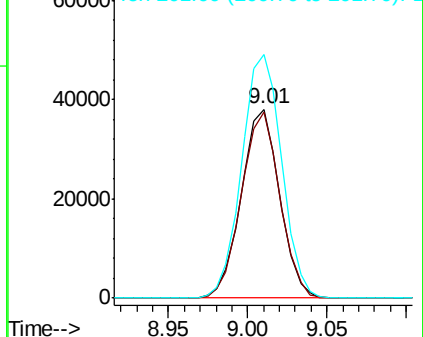
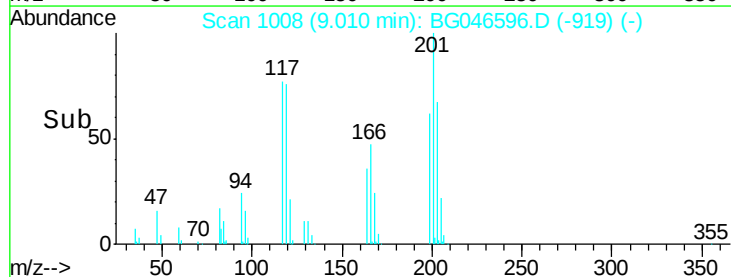


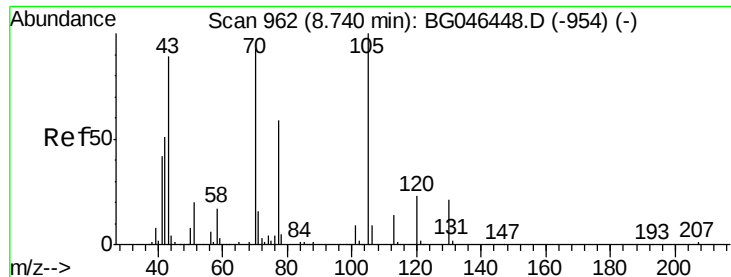
Abundance

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

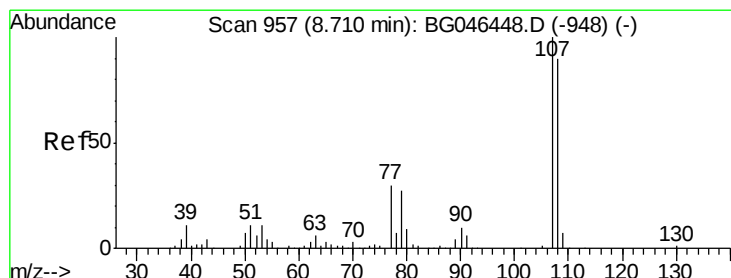
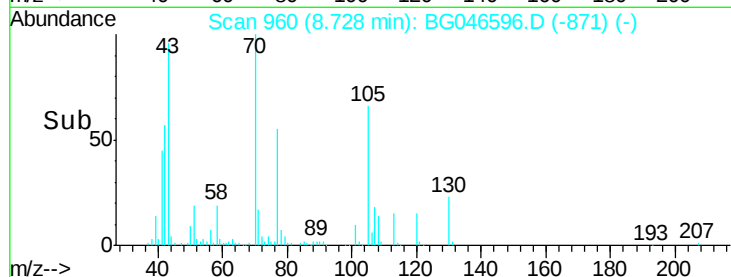
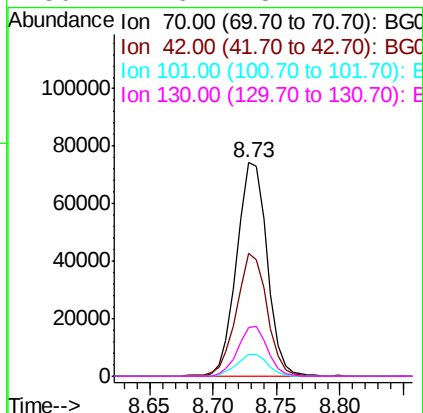
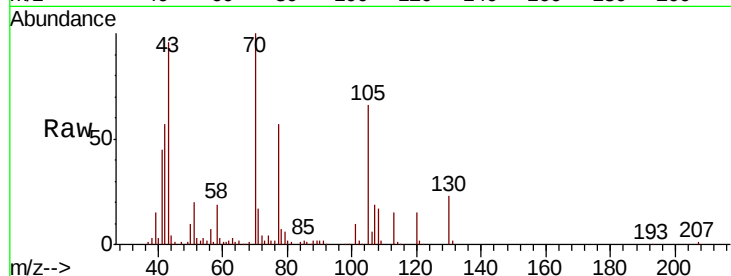




#19
n-Nitroso-di-n-propylamine
Concen: 37.915 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

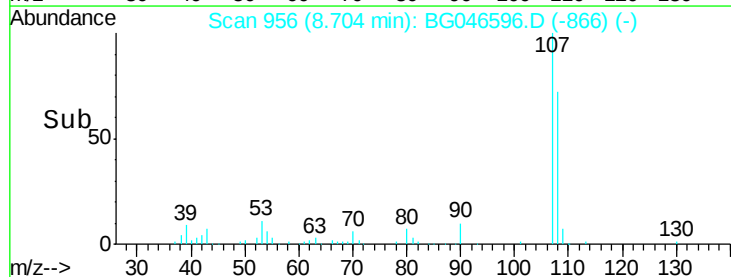
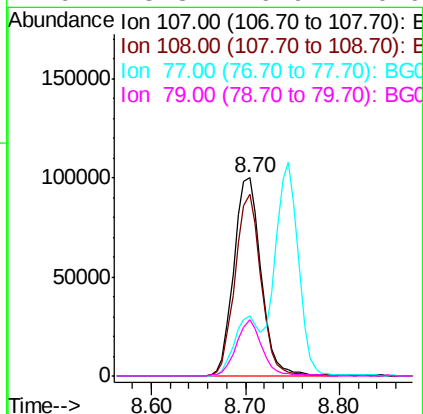
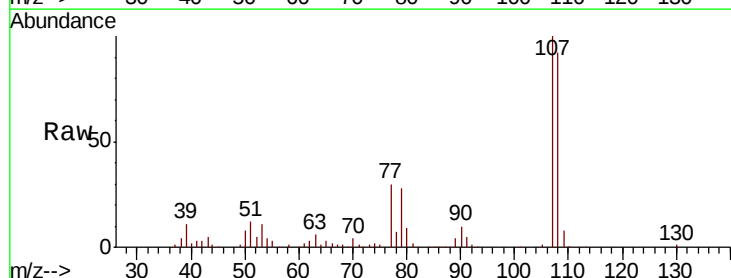
Instrument :
BNA_G
ClientSampleId :
PB131540BS

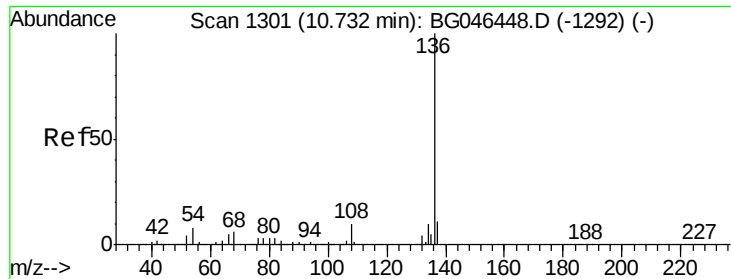
Tot Ion:	70	Resp:	124025
Ion	Ratio	Lower	Upper
70	100		
42	57.4	44.2	66.2
101	10.3	7.8	11.8
130	22.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.923 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:	107	Resp:	201775
Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.7	109.7
77	30.2	9.7	49.7
79	28.3	6.9	46.9

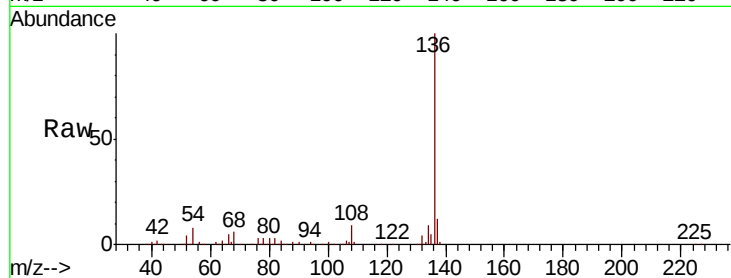




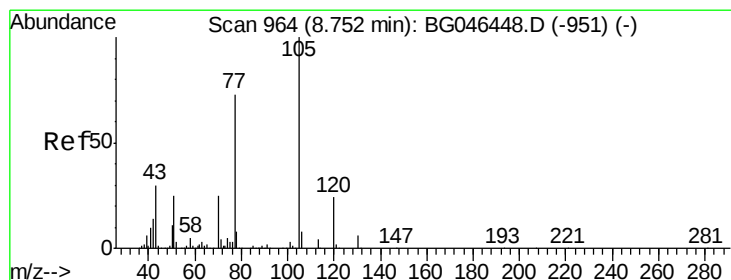
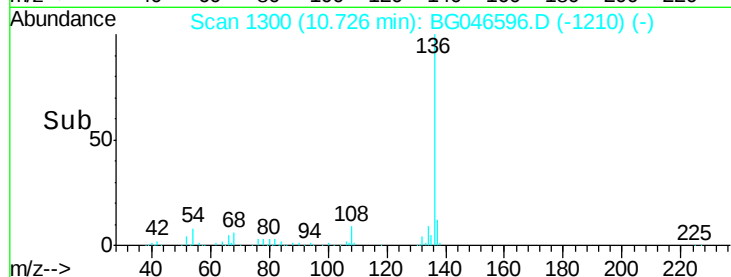
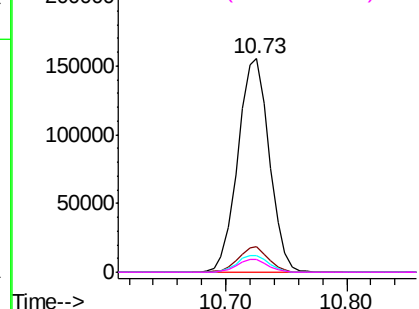
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion:136	Resp:	281154
Ion Ratio	Lower	Upper
136 100		
137 11.8	8.8	13.2
54 8.0	6.1	9.1
68 5.9	4.8	7.2

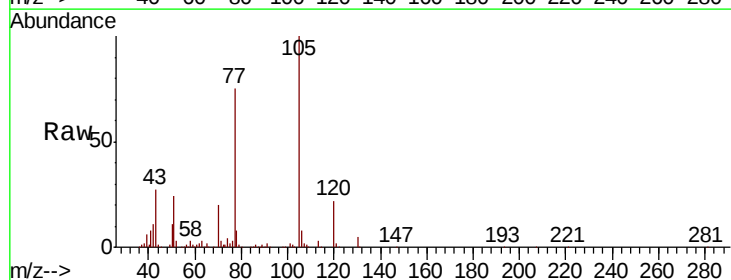


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

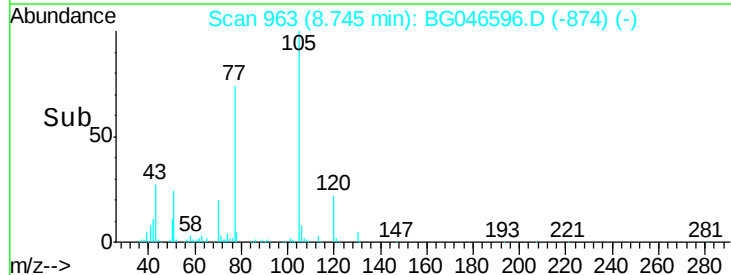
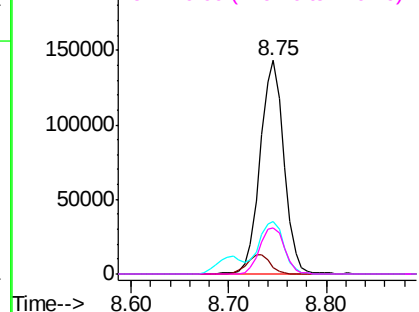


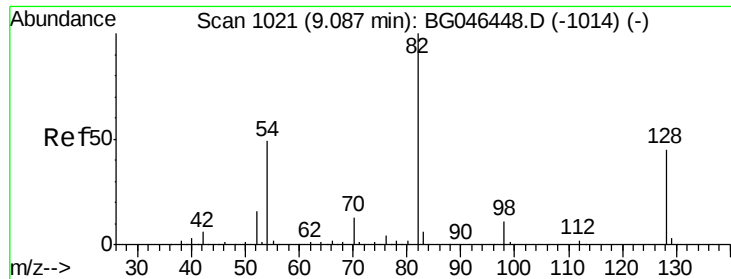
#22
Acetophenone
Concen: 35.809 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt	Ion:105	Resp:	245075
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.3	4.9#
51	24.4	20.6	31.0
120	21.9	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

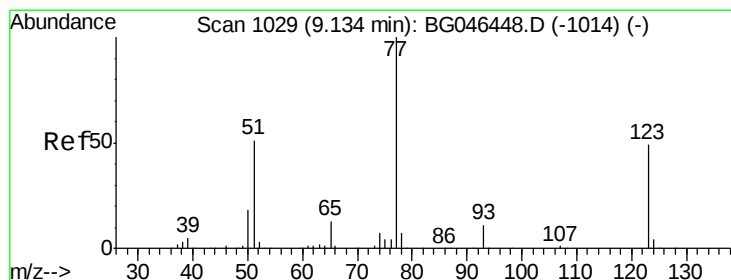
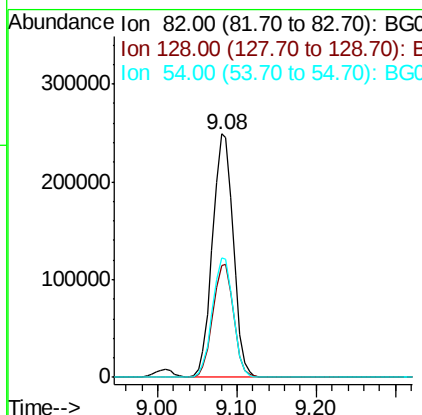
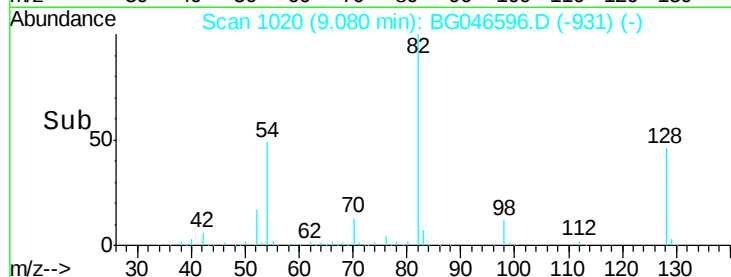
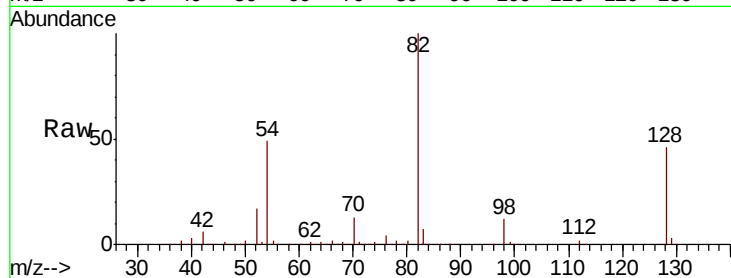




#23
 Nitrobenzene-d5
 Concen: 92.133 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

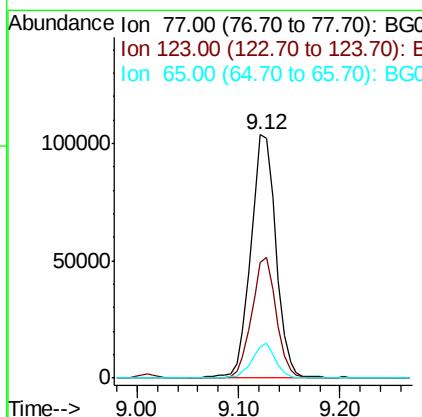
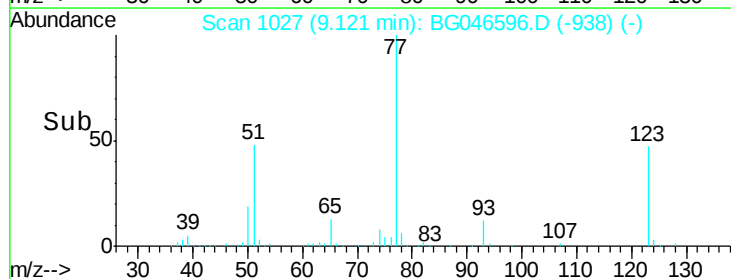
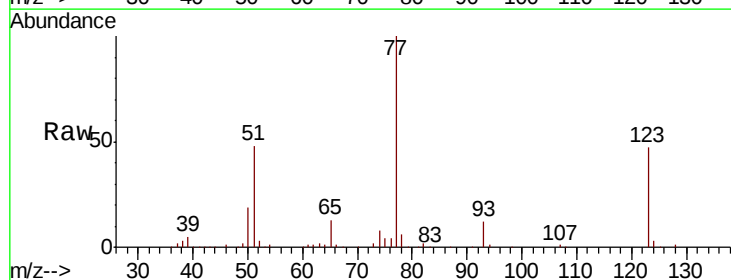
Instrument :
 BNA_G
 ClientSampleId :
 PB131540BS

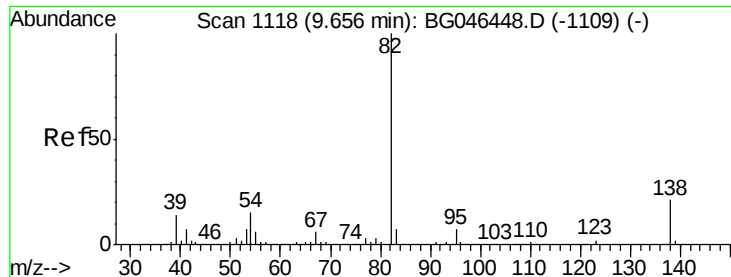
Tot Ion: 82 Resp: 453216
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.7 53.5
 54 49.2 39.4 59.0



#24
 Nitrobenzene
 Concen: 36.899 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Tgt Ion: 77 Resp: 179321
 Ion Ratio Lower Upper
 77 100
 123 47.3 39.6 59.4
 65 12.8 10.1 15.1





#25

Isophorone

Concen: 37.993 ng

RT: 9.64 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

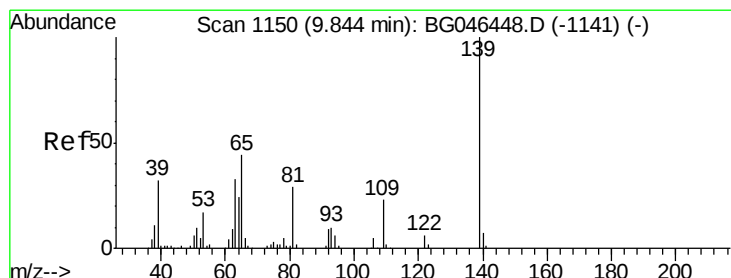
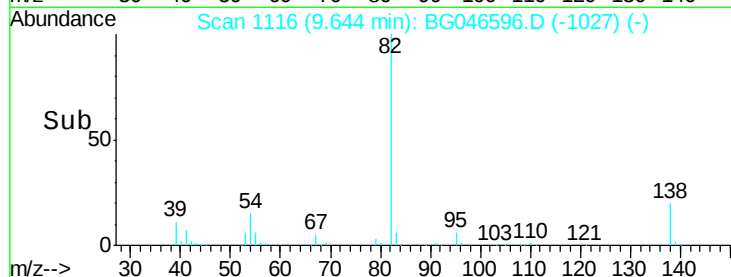
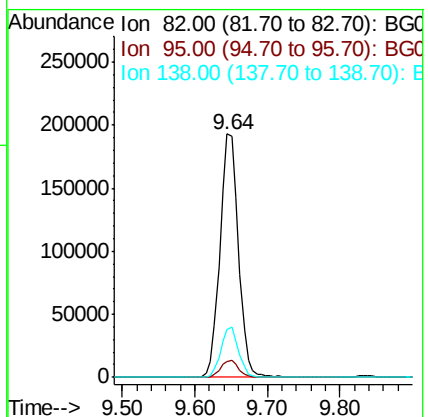
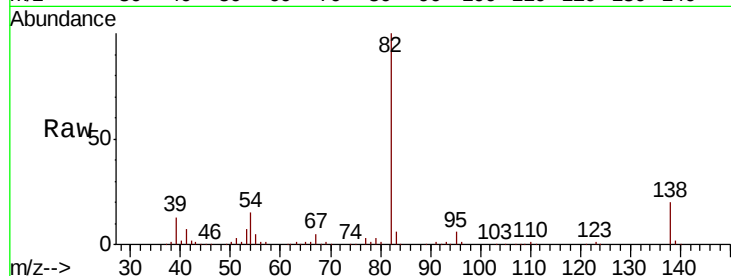
Tot Ion: 82 Resp: 342642

Ion Ratio Lower Upper

82 100

95 6.4 5.8 8.6

138 19.7 16.4 24.6



#26

2-Nitrophenol

Concen: 39.085 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

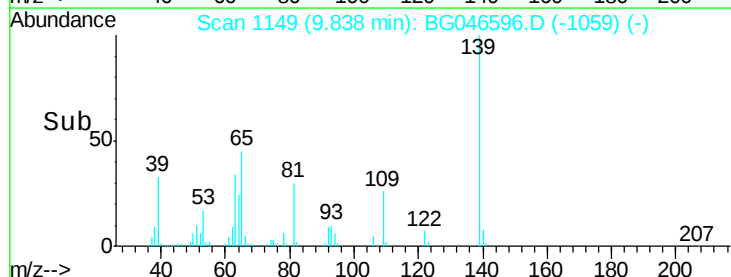
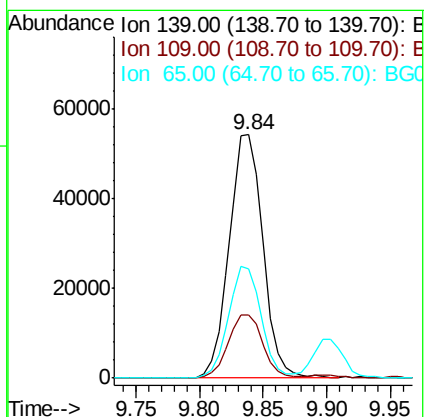
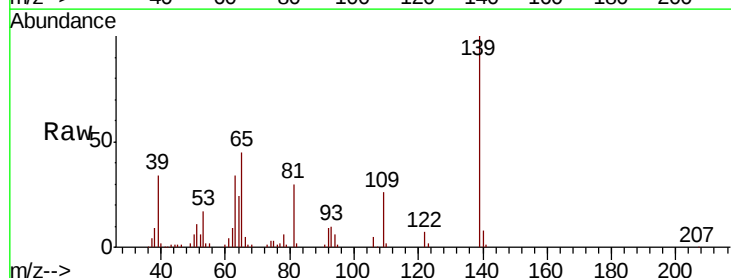
Tgt Ion: 139 Resp: 100216

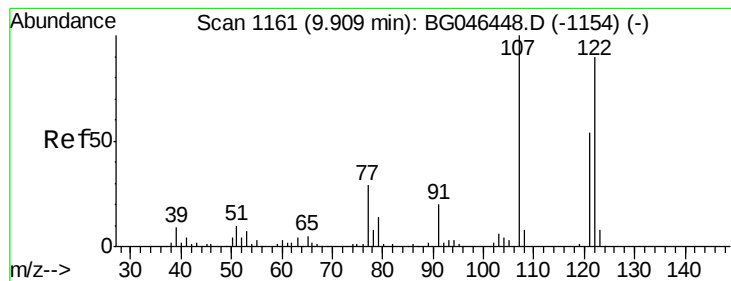
Ion Ratio Lower Upper

139 100

109 26.1 18.8 28.2

65 44.7 35.0 52.6





#27

2,4-Dimethylphenol

Concen: 45.669 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

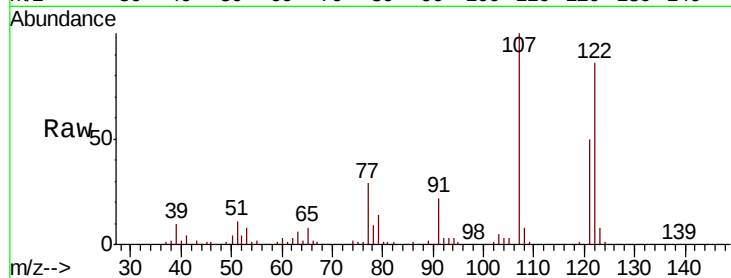
Tot Ion:122 Resp: 161056

Ion Ratio Lower Upper

122 100

107 115.9 88.2 132.2

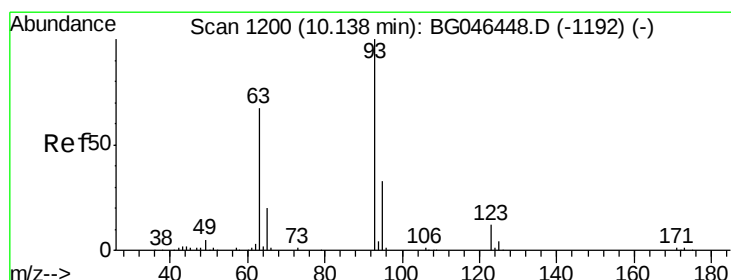
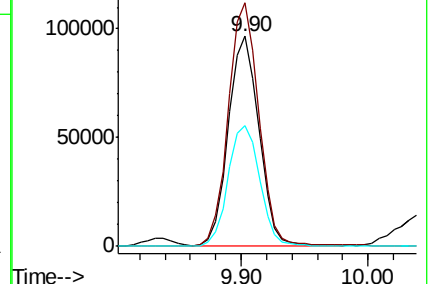
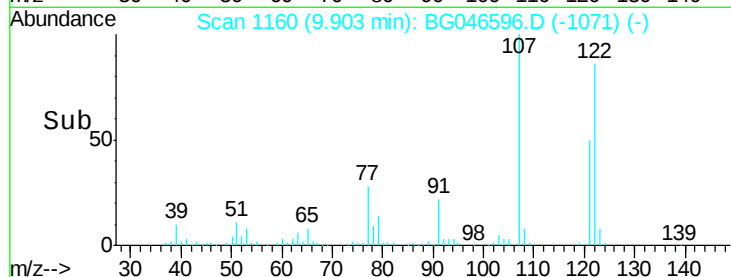
121 57.6 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.889 ng

RT: 10.13 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

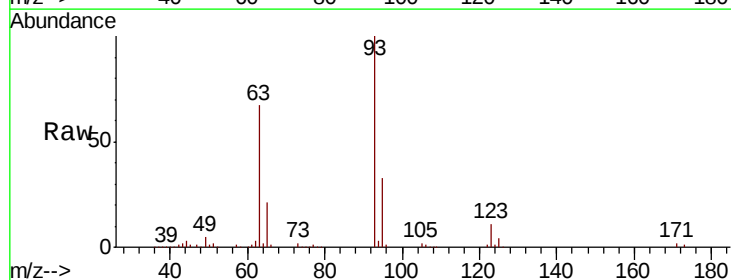
Tgt Ion: 93 Resp: 214135

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

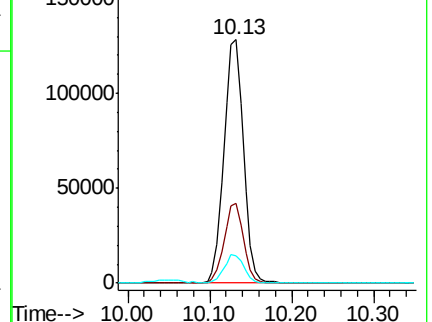
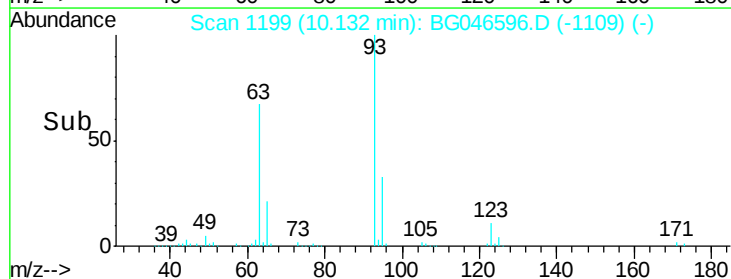
123 11.3 9.5 14.3

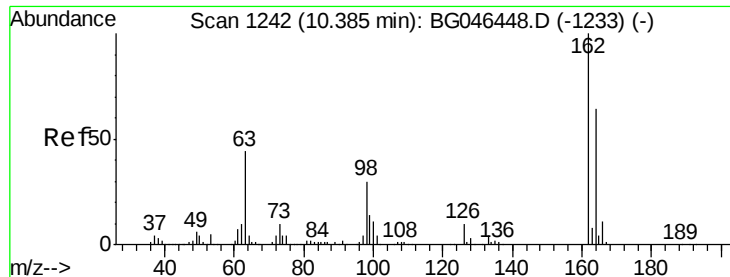


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

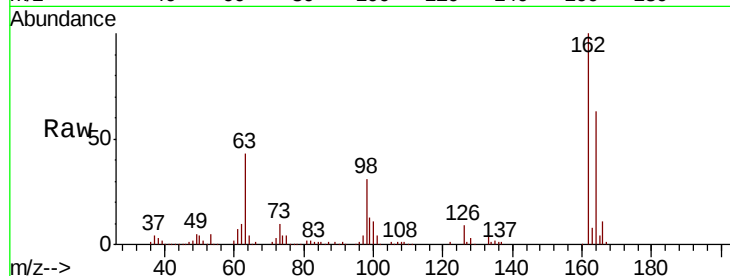




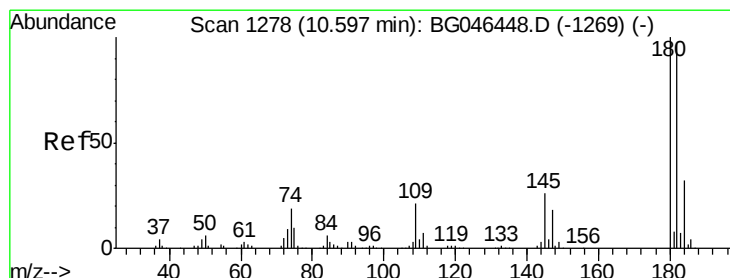
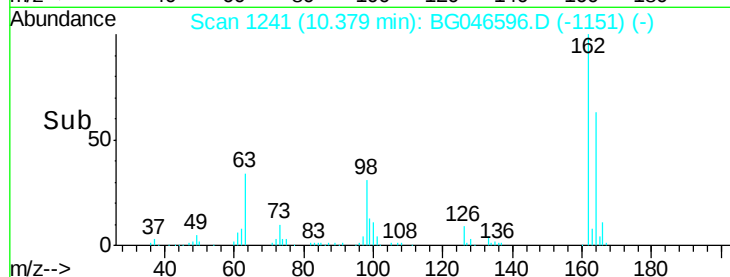
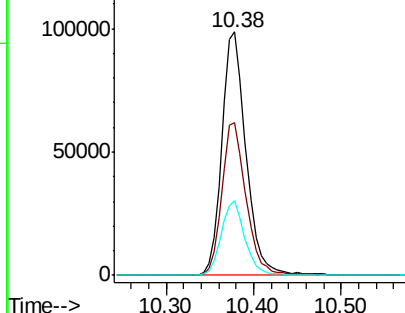
#29
 2,4-Dichlorophenol
 Concen: 39.757 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Instrument :
 BNA_G
 ClientSampleId :
 PB131540BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.3	84.3
98	30.9	10.0	50.0

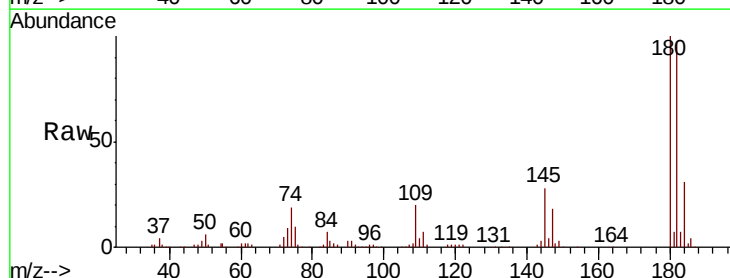


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

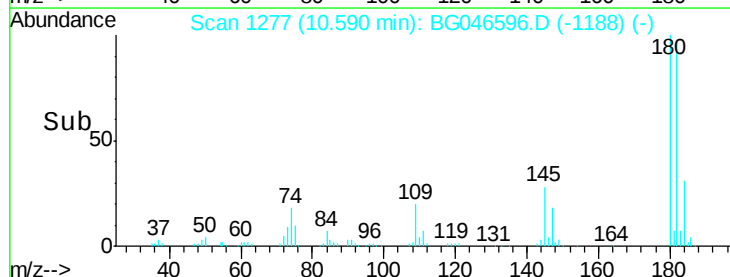
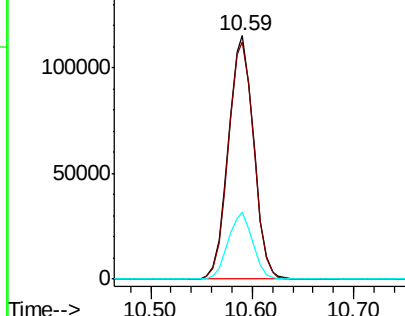


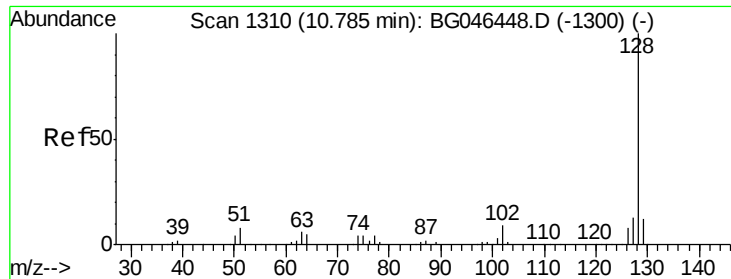
#30
 1,2,4-Trichlorobenzene
 Concen: 35.693 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.8	116.8
145	27.7	20.9	31.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

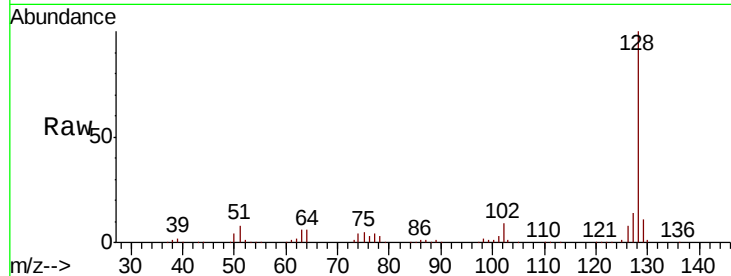




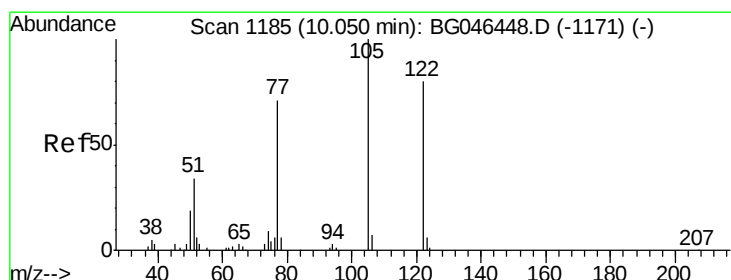
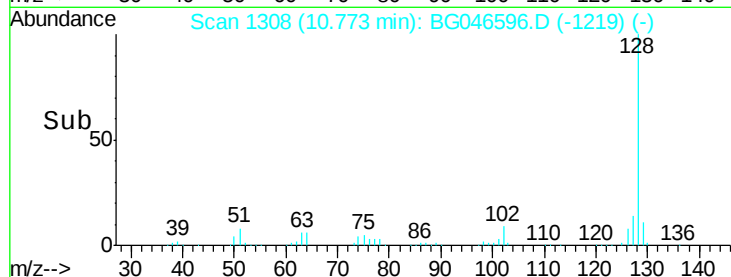
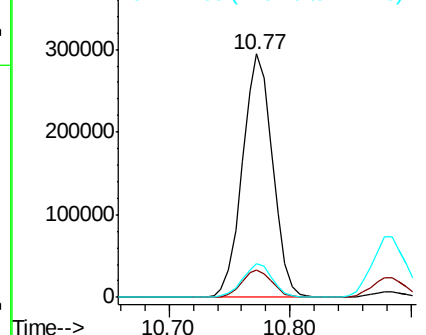
#31
Naphthalene
Concen: 37.297 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion:128 Resp: 511996
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 14.0 10.7 16.1

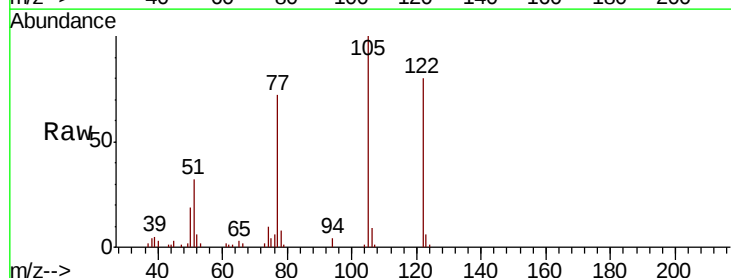


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

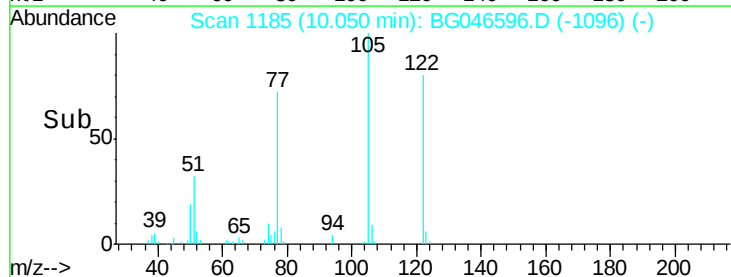
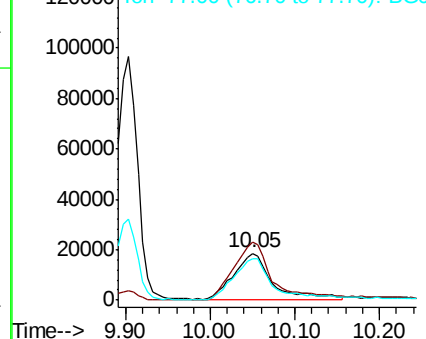


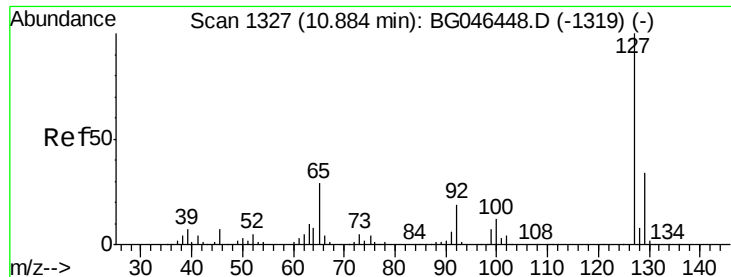
#32
Benzoic acid
Concen: 26.795 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:122 Resp: 56921
Ion Ratio Lower Upper
122 100
105 124.4 102.5 142.5
77 89.5 68.2 108.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

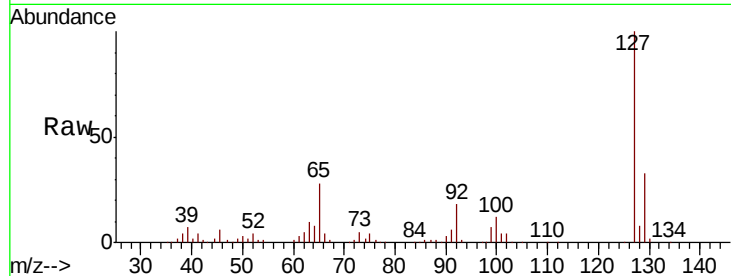




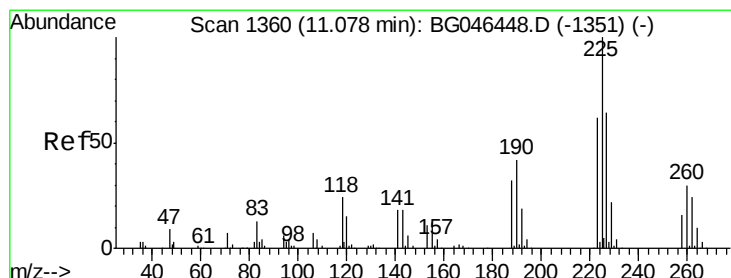
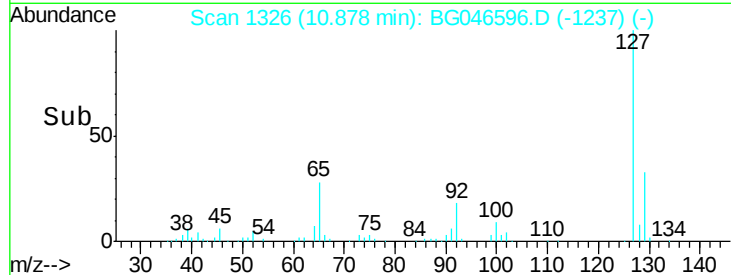
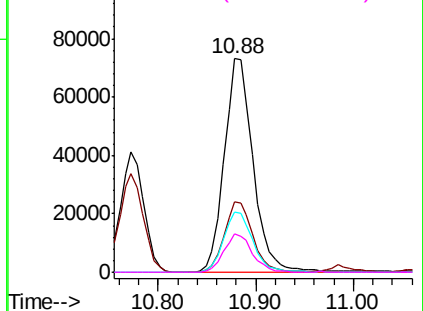
#33
4-Chloroaniline
Concen: 24.787 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion:127	Resp:	150041
Ion	Ratio	Lower Upper
127	100	
129	33.1	27.0 40.4
65	28.3	23.5 35.3
92	18.1	14.9 22.3

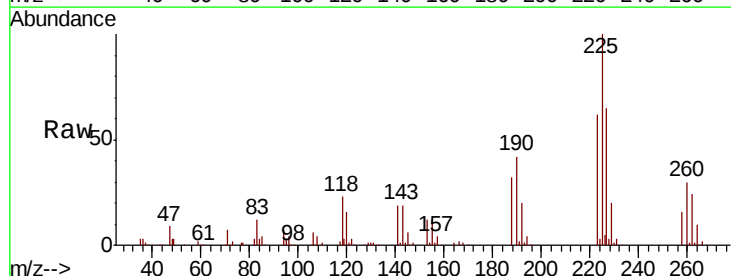


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

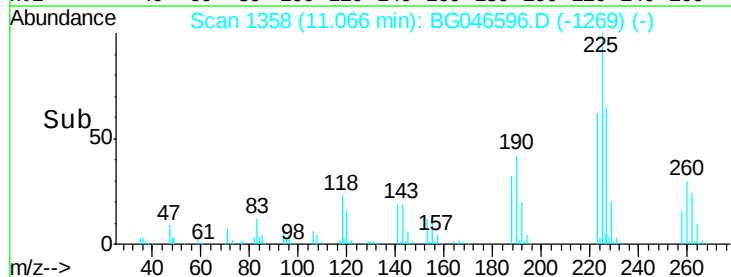
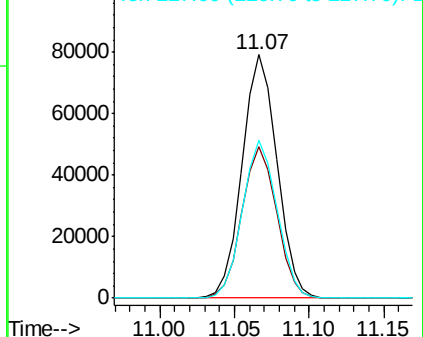


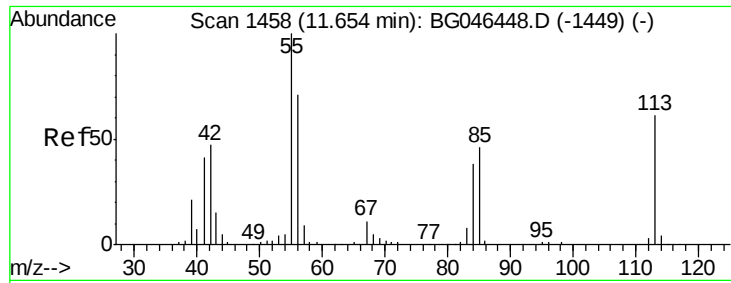
#34
Hexachlorobutadiene
Concen: 35.319 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:225	Resp:	127892
Ion	Ratio	Lower Upper
225	100	
223	62.3	49.9 74.9
227	64.7	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: 22.901 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

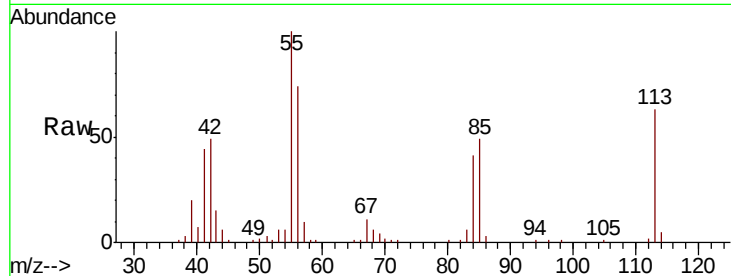
Tot Ion:113 Resp: 40244

Ion Ratio Lower Upper

113 100

55 159.9 144.2 184.2

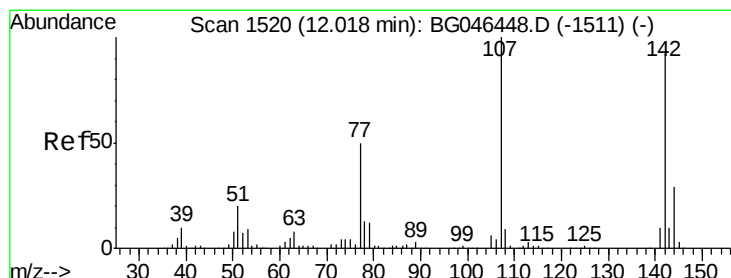
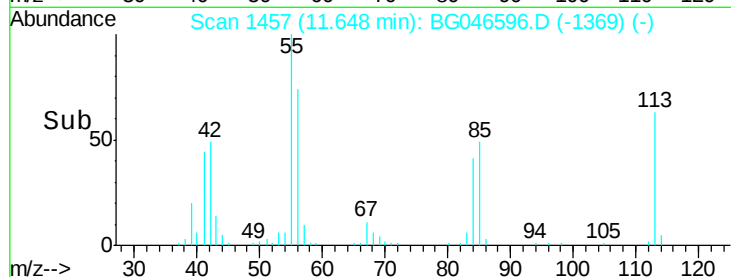
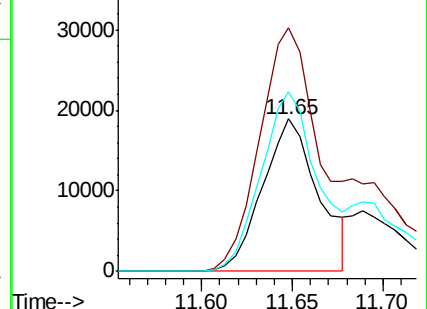
56 117.6 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 37.974 ng

RT: 12.01 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

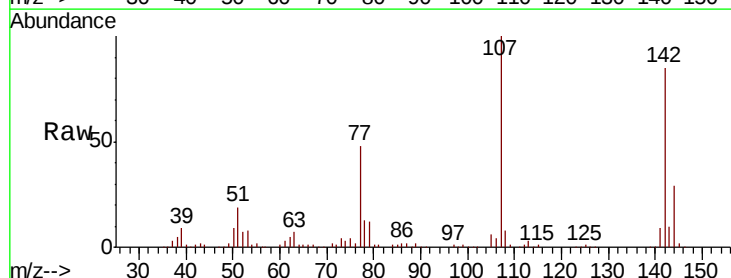
Tgt Ion:107 Resp: 174608

Ion Ratio Lower Upper

107 100

144 28.7 23.3 34.9

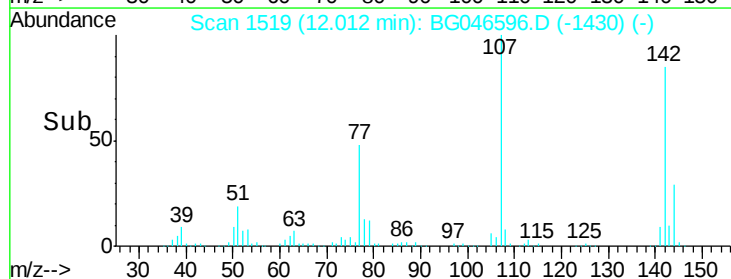
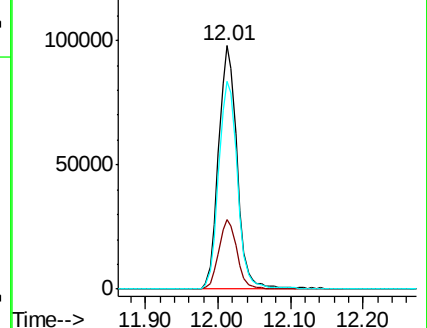
142 85.2 73.7 110.5

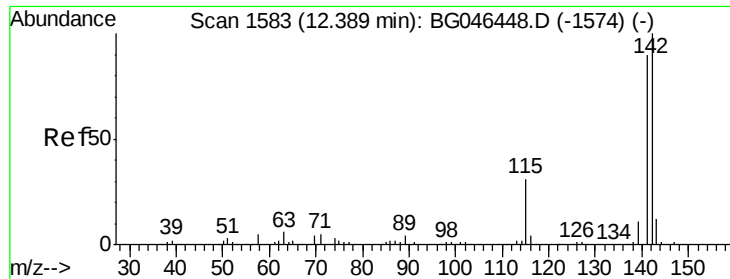


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

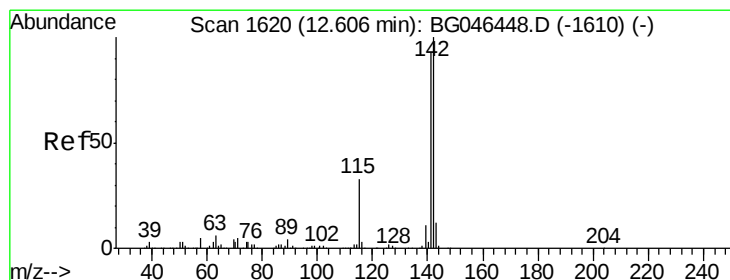
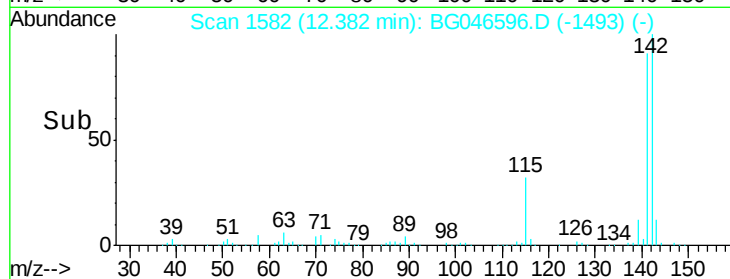
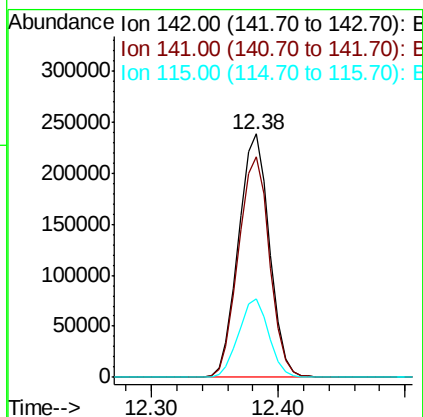
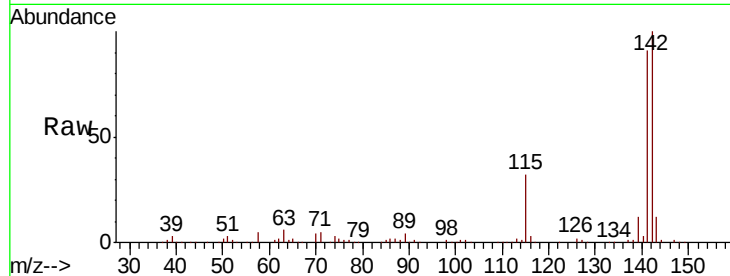




#37
2-Methylnaphthalene
Concen: 37.319 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

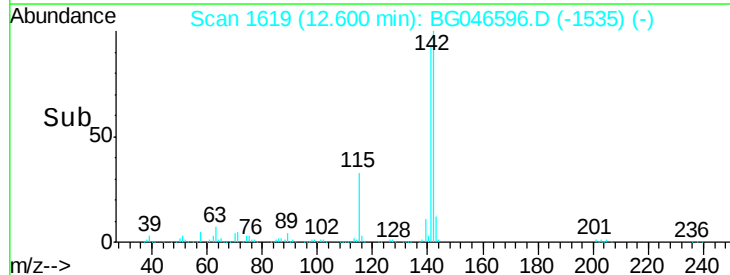
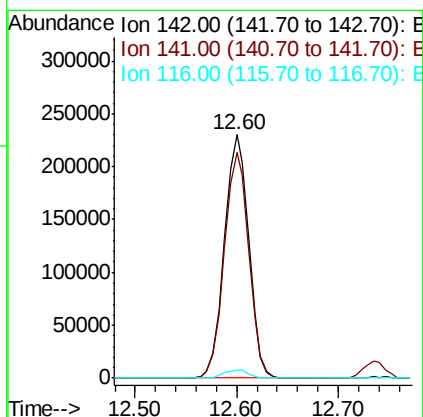
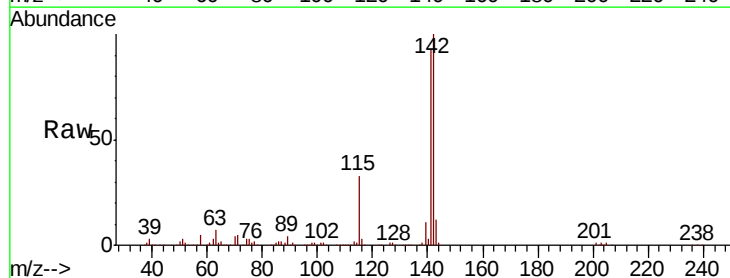
Instrument :
BNA_G
ClientSampleId :
PB131540BS

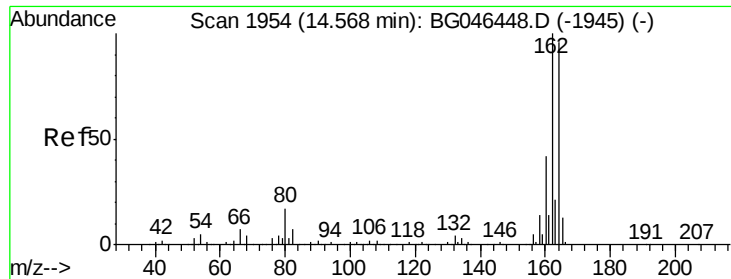
Tot Ion:142 Resp: 404046
Ion Ratio Lower Upper
142 100
141 90.5 72.1 108.1
115 32.2 24.9 37.3



#38
1-Methylnaphthalene
Concen: 37.303 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:142 Resp: 382554
Ion Ratio Lower Upper
142 100
141 92.9 74.7 112.1
116 3.3 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

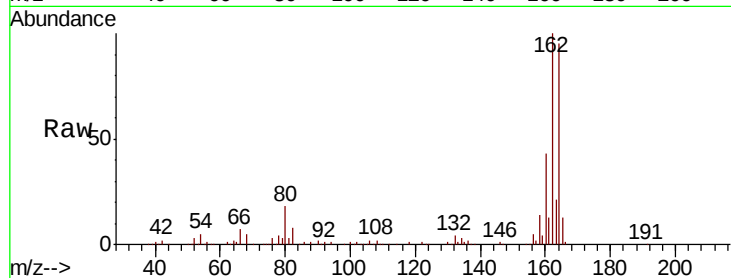
Tot Ion:164 Resp: 190002

Ion Ratio Lower Upper

164 100

162 105.8 83.3 124.9

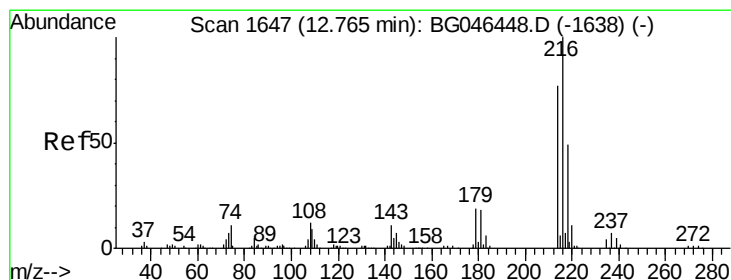
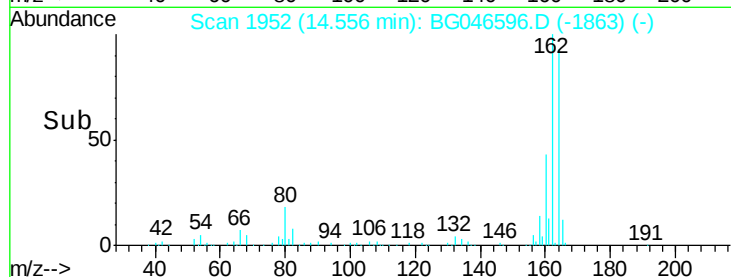
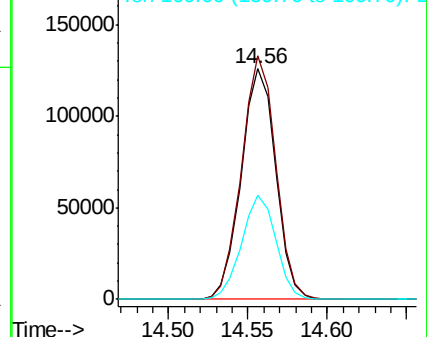
160 45.4 35.0 52.6



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: 38.300 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Tgt Ion:216 Resp: 239973

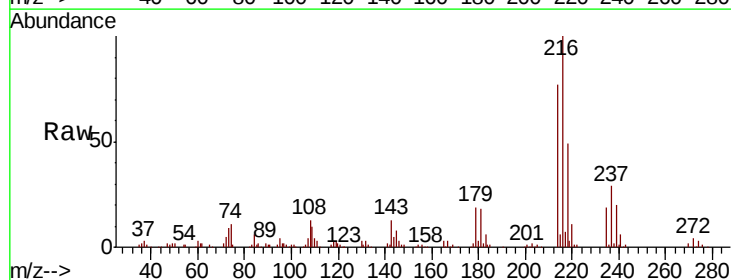
Ion Ratio Lower Upper

216 100

214 77.2 62.1 93.1

179 18.5 14.9 22.3

108 14.8 10.5 15.7

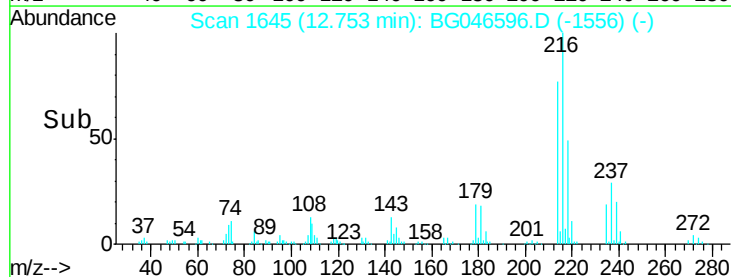
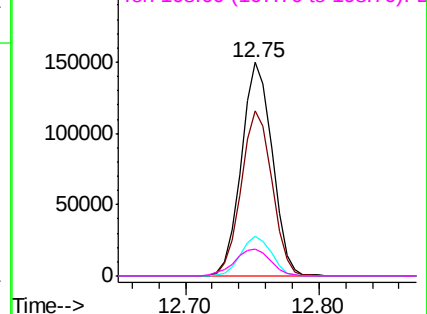


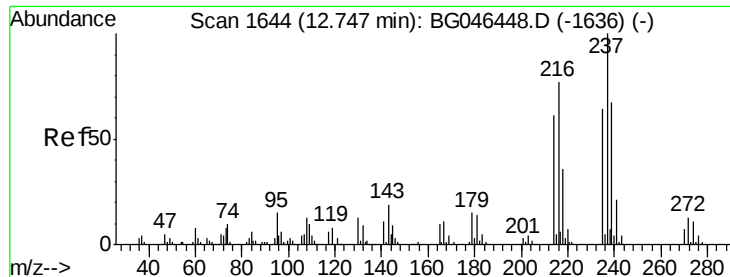
Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.830 ng

RT: 12.73 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

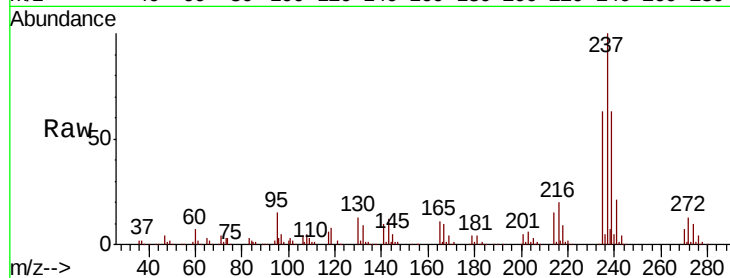
Tot Ion:237 Resp: 244735

Ion Ratio Lower Upper

237 100

235 63.3 44.5 84.5

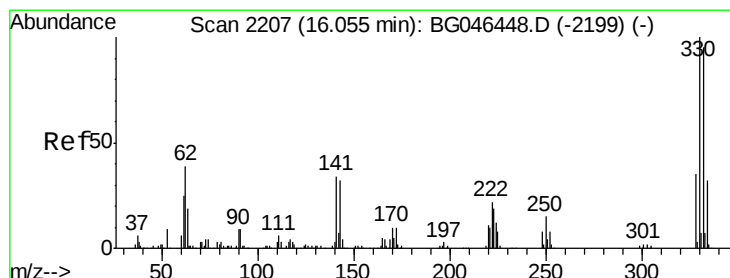
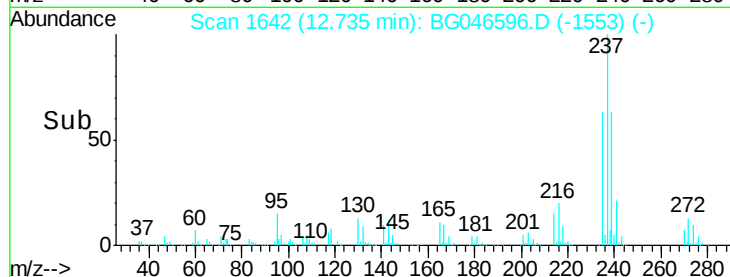
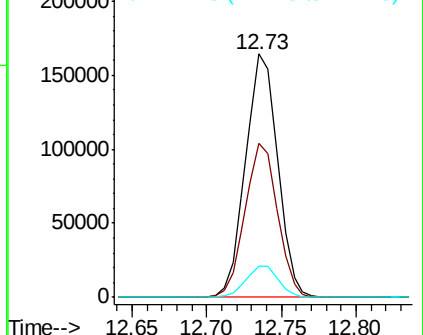
272 12.8 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 91.083 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

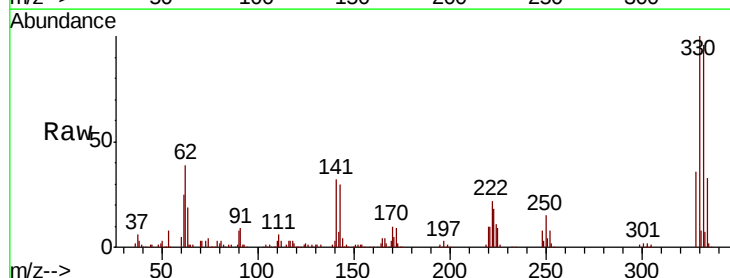
Tgt Ion:330 Resp: 234483

Ion Ratio Lower Upper

330 100

332 97.2 76.1 114.1

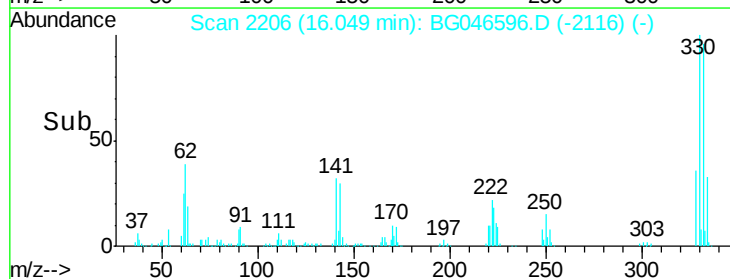
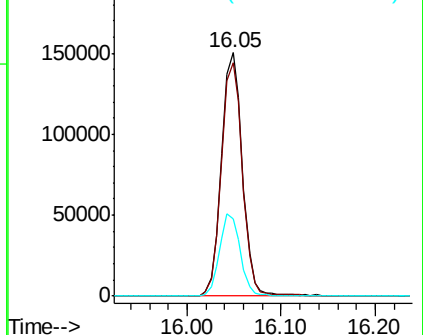
141 33.5 26.1 39.1

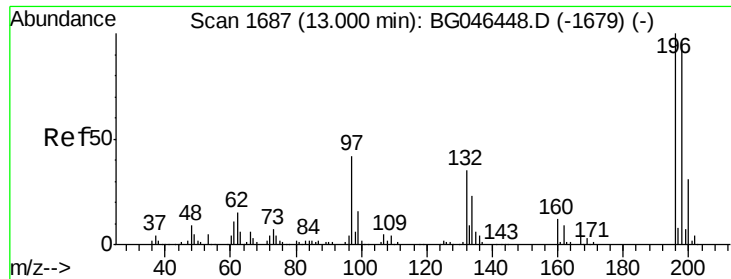


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

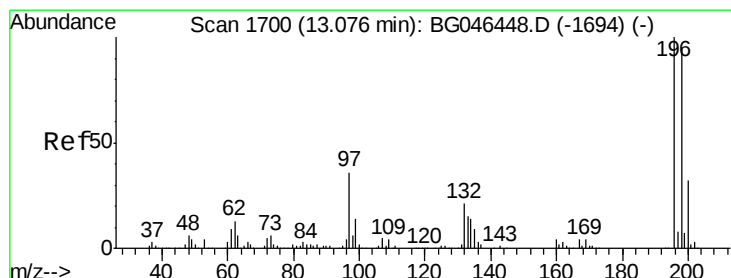
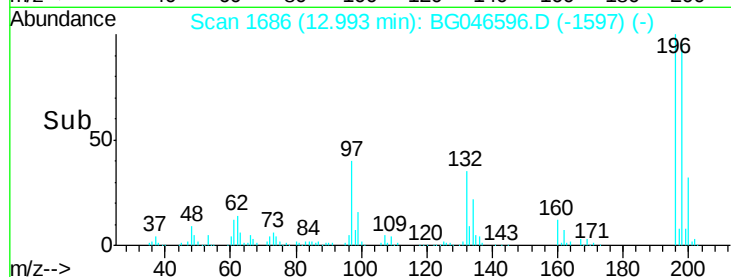
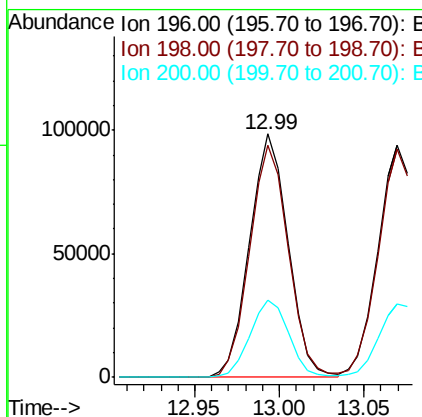
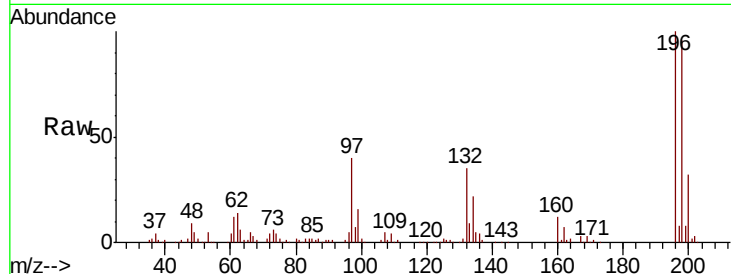




#43
 2,4,6-Trichlorophenol
 Concen: 37.047 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

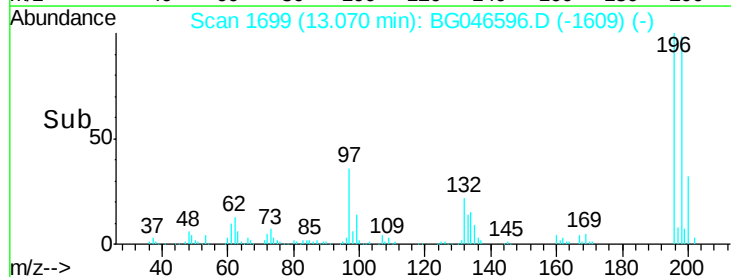
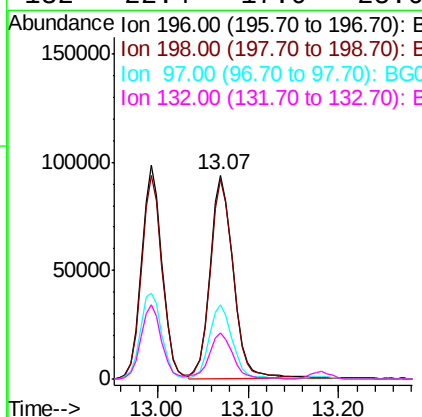
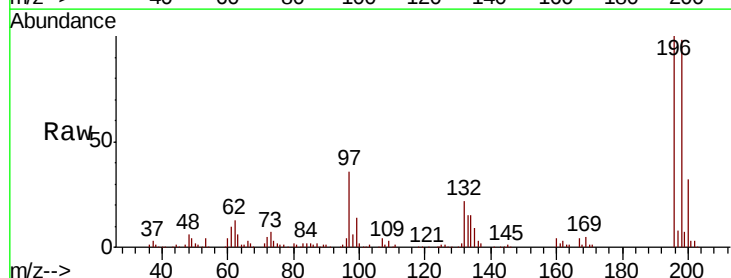
Instrument :
 BNA_G
 ClientSampleId :
 PB131540BS

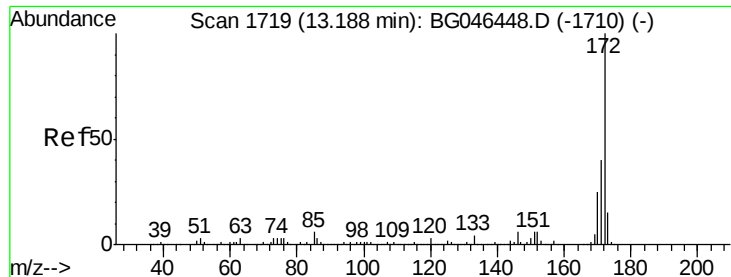
Tot Ion:196 Resp: 156643
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.0 115.6
 200 31.5 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 37.582 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Tgt Ion:196 Resp: 166955
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.6 113.4
 97 36.4 28.6 43.0
 132 22.4 17.0 25.6

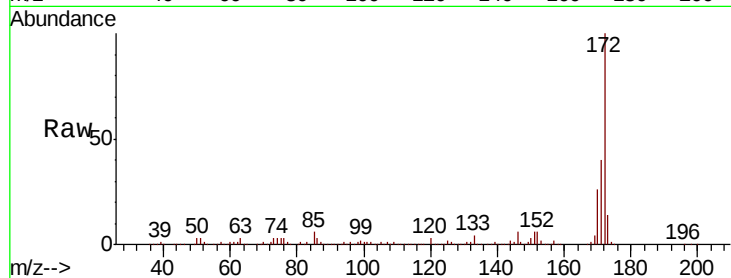




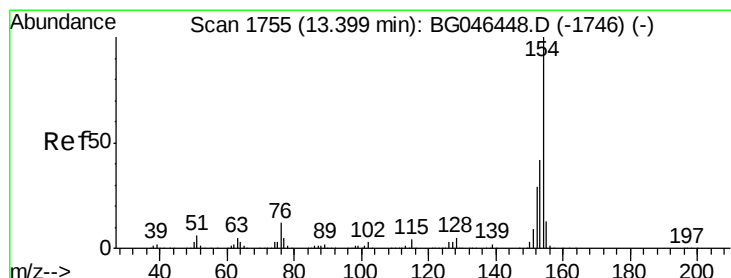
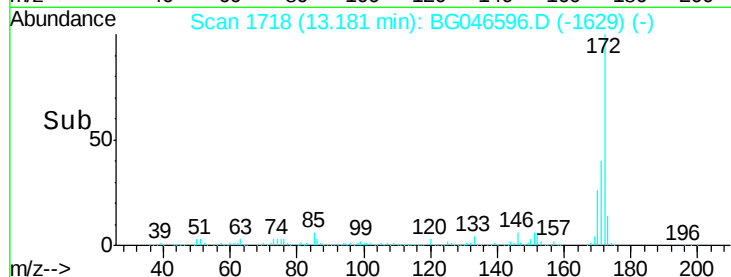
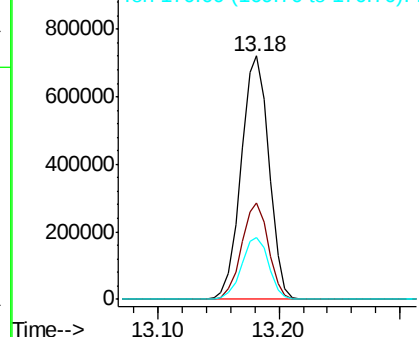
#45
2-Fluorobiphenyl
Concen: 92.994 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion:172 Resp: 1157441
Ion Ratio Lower Upper
172 100
171 39.8 31.8 47.6
170 25.6 20.3 30.5

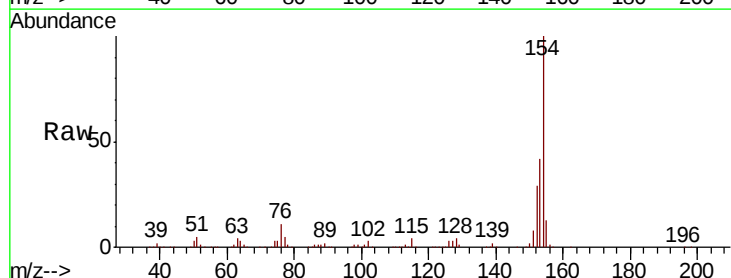


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

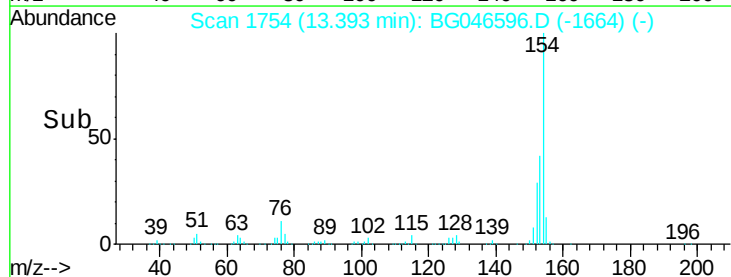
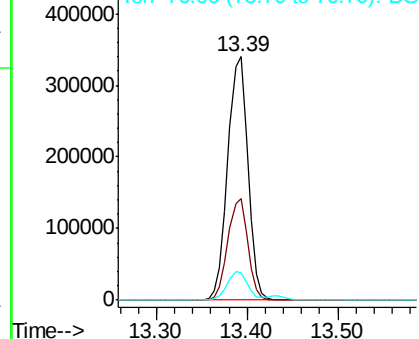


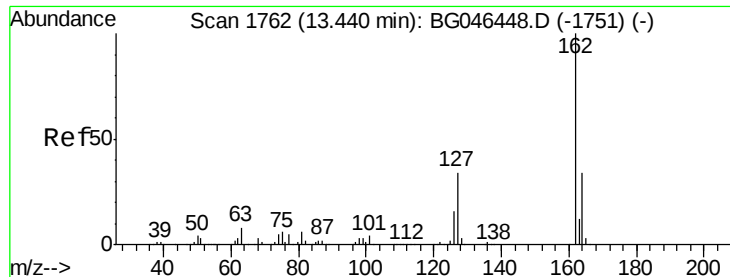
#46
1,1'-Biphenyl
Concen: 39.708 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:154 Resp: 524911
Ion Ratio Lower Upper
154 100
153 41.5 22.0 62.0
76 11.4 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

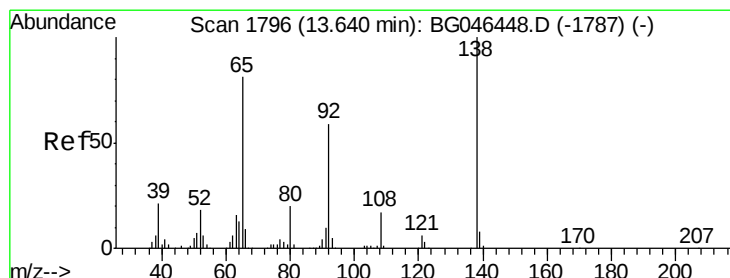
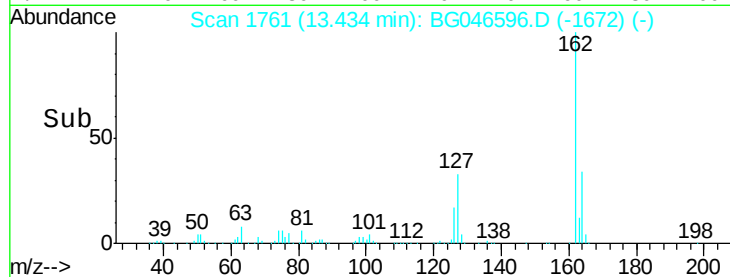
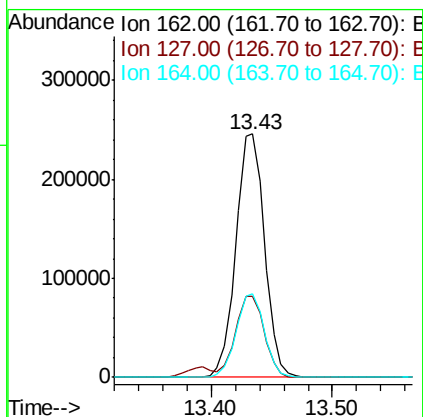
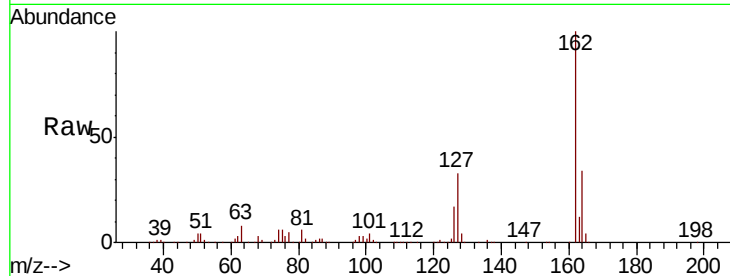




#47
2-Chloronaphthalene
Concen: 36.295 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

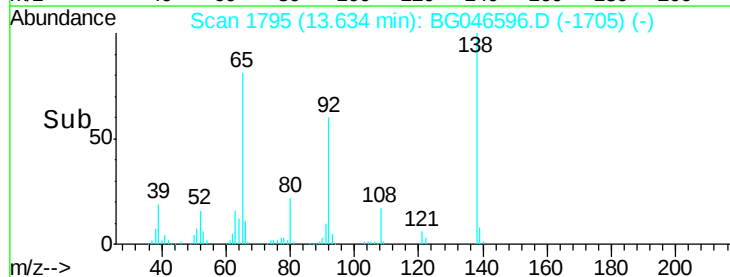
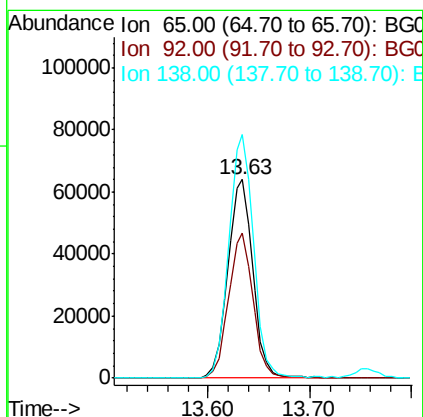
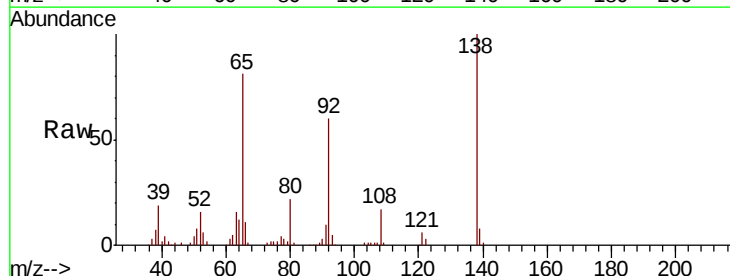
Instrument :
BNA_G
ClientSampleId :
PB131540BS

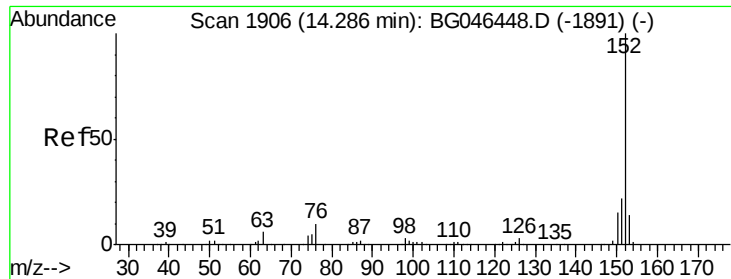
Tot Ion:162 Resp: 406794
Ion Ratio Lower Upper
162 100
127 33.5 27.6 41.4
164 34.2 27.3 40.9



#48
2-Nitroaniline
Concen: 35.141 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion: 65 Resp: 109367
Ion Ratio Lower Upper
65 100
92 73.4 58.5 87.7
138 122.7 98.4 147.6





#49

Acenaphthylene

Concen: 38.460 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

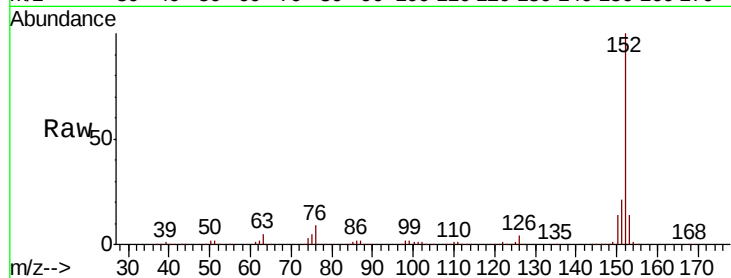
Tot Ion:152 Resp: 653893

Ion Ratio Lower Upper

152 100

151 21.3 17.7 26.5

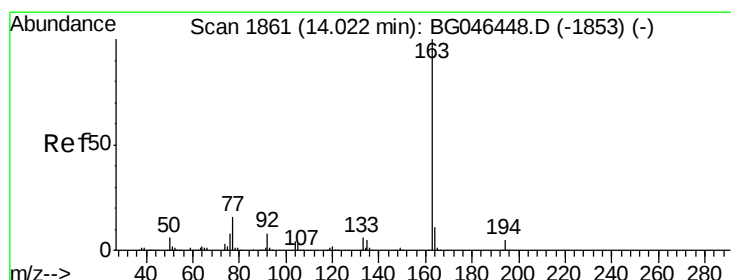
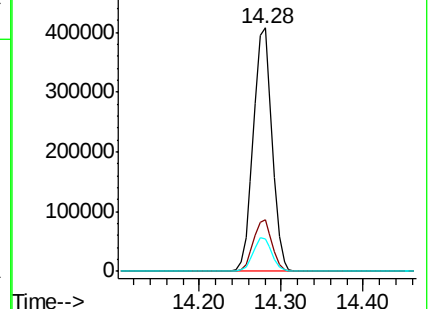
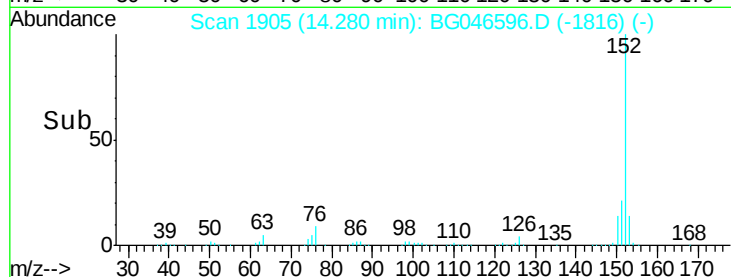
153 13.6 11.2 16.8



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: 35.124 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

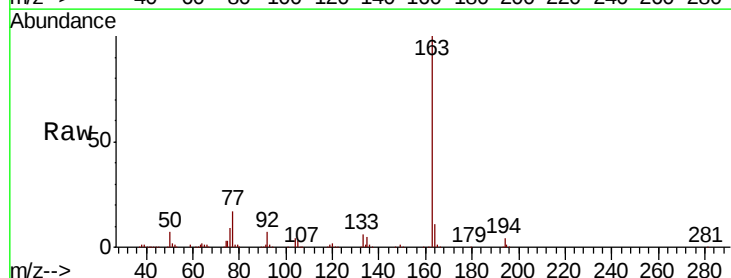
Tgt Ion:163 Resp: 516311

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

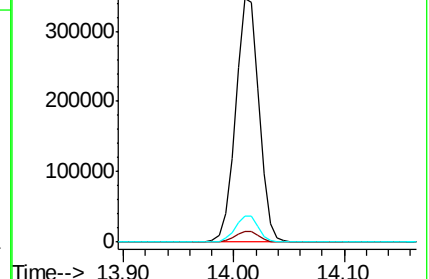
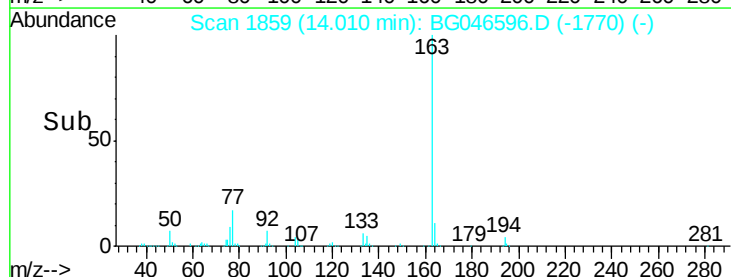
164 10.7 8.6 12.8

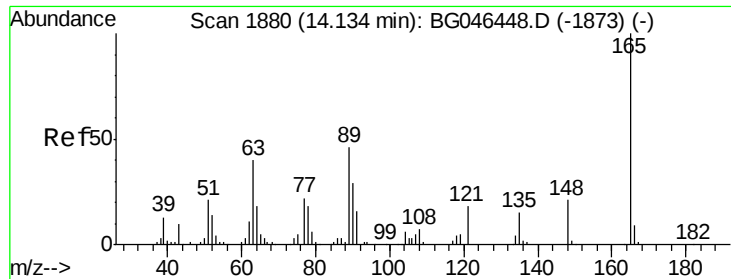


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

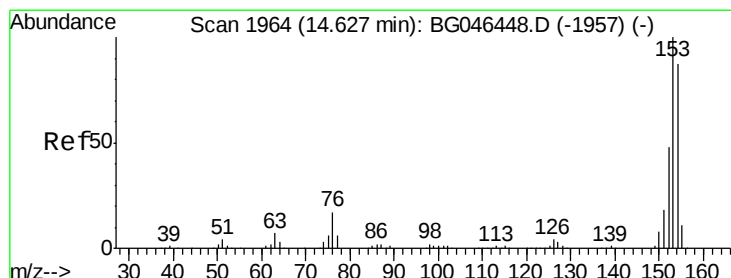
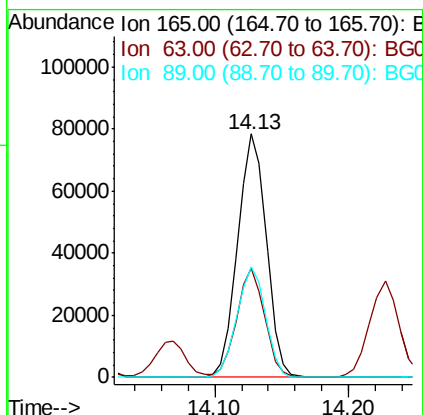
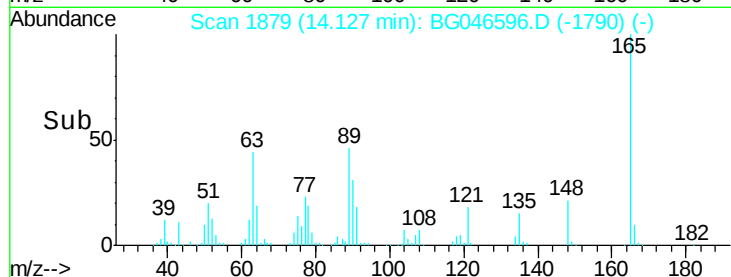
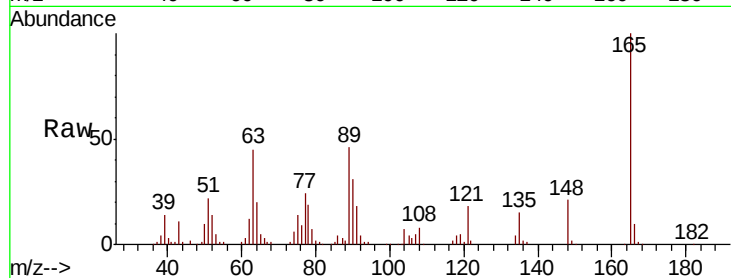




#51
 2,6-Dinitrotoluene
 Concen: 36.067 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

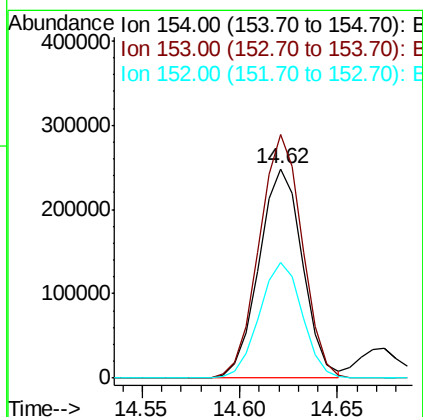
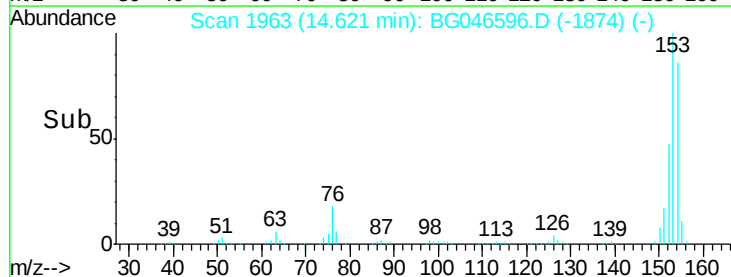
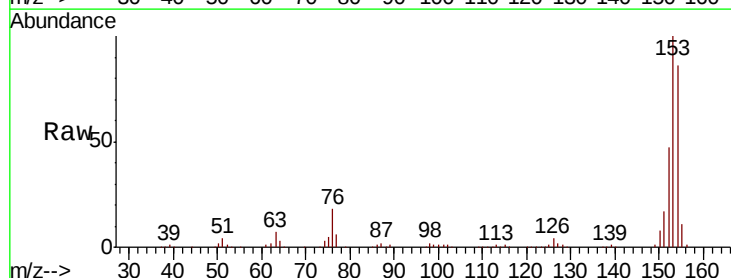
Instrument :
 BNA_G
 ClientSampleId :
 PB131540BS

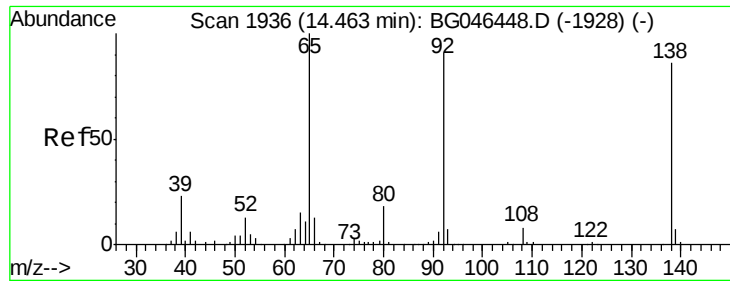
Tot Ion:165 Resp: 116868
 Ion Ratio Lower Upper
 165 100
 63 44.9 34.2 51.4
 89 45.5 37.0 55.4



#52
 Acenaphthene
 Concen: 36.319 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Tgt Ion:154 Resp: 382644
 Ion Ratio Lower Upper
 154 100
 153 116.4 91.9 137.9
 152 55.2 43.8 65.6





#53

3-Nitroaniline

Concen: 25.860 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

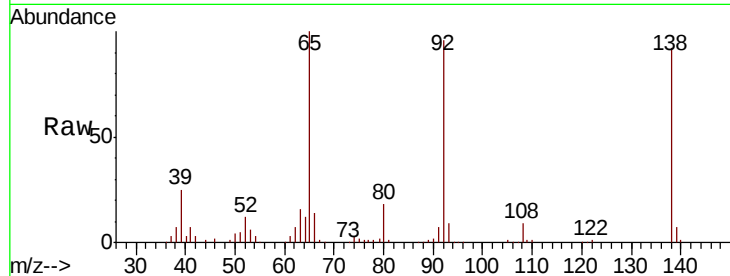
Tot Ion:138 Resp: 90766

Ion Ratio Lower Upper

138 100

108 9.9 7.0 10.6

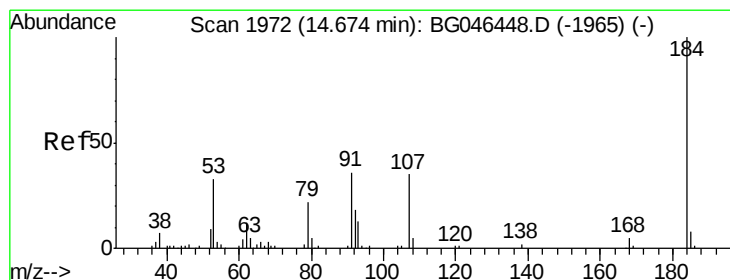
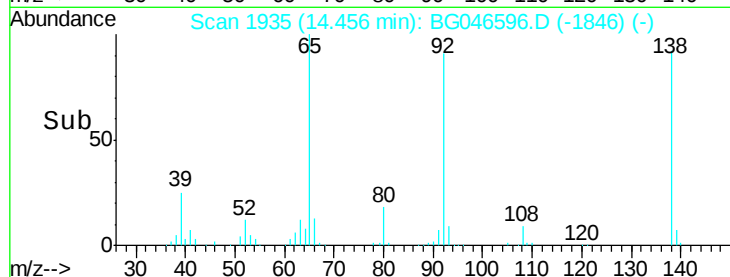
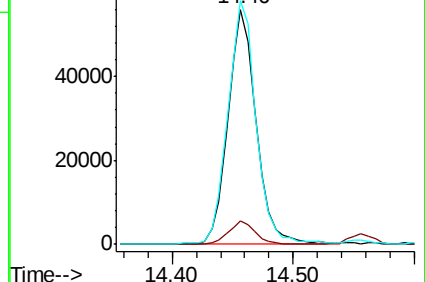
92 103.6 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 62.989 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

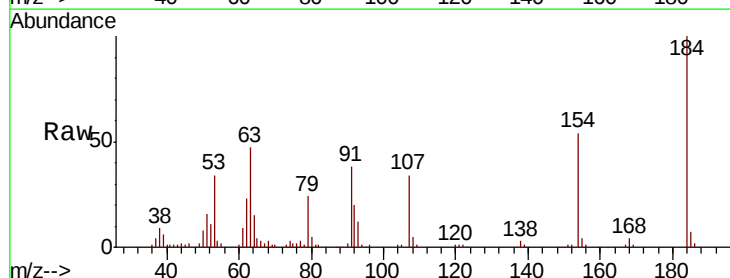
Tgt Ion:184 Resp: 119136

Ion Ratio Lower Upper

184 100

63 47.2 35.6 53.4

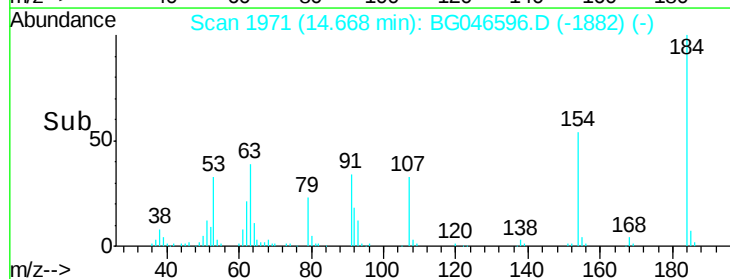
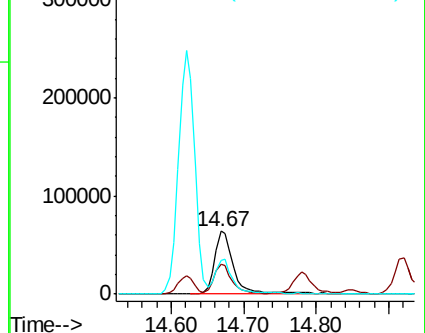
154 54.0 44.3 66.5

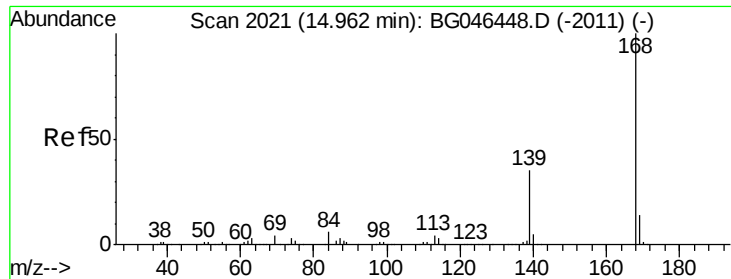


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

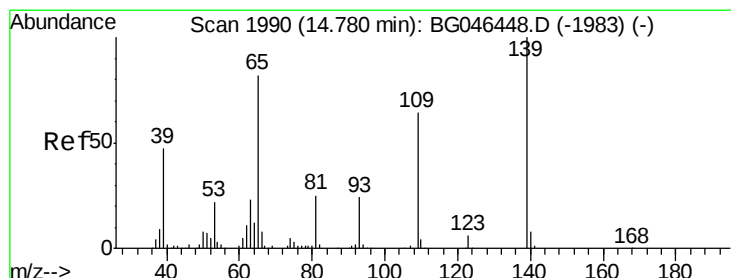
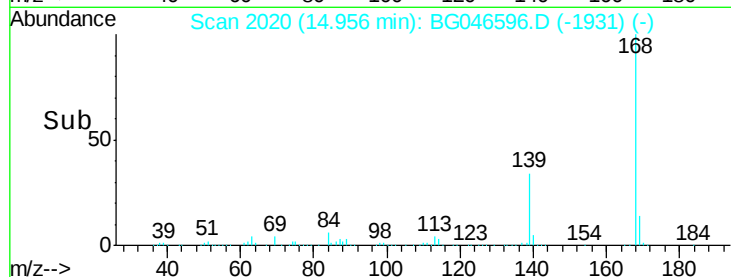
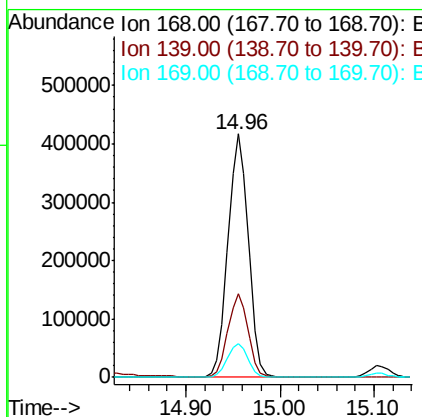
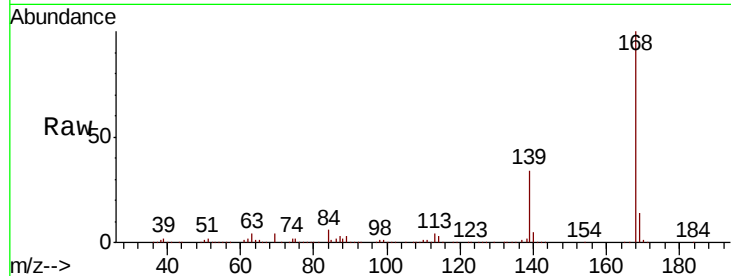




#55
Dibenzofuran
Concen: 37.027 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

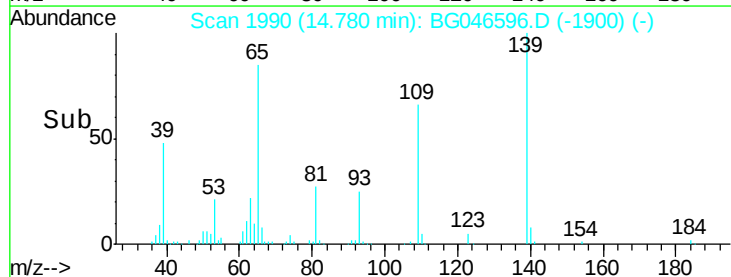
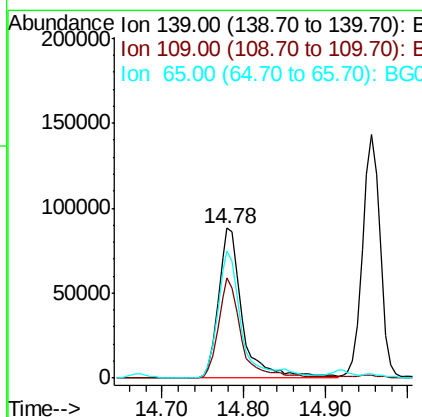
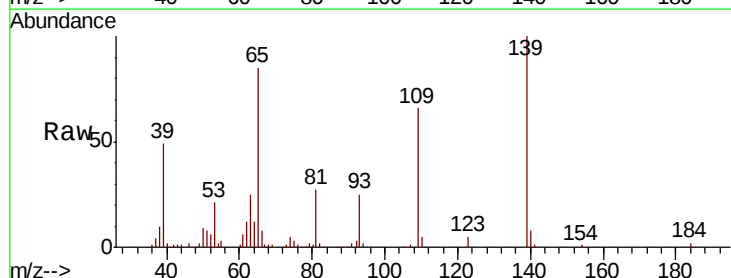
Instrument :
BNA_G
ClientSampleId :
PB131540BS

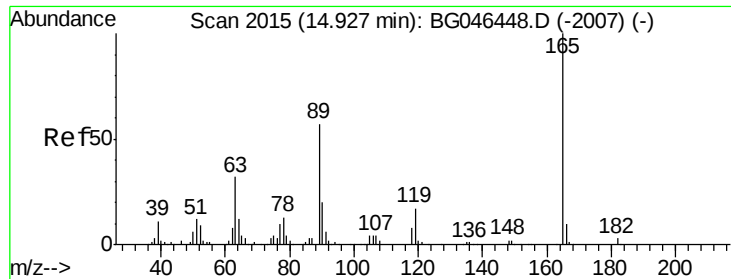
Tot Ion:168 Resp: 626051
Ion Ratio Lower Upper
168 100
139 34.3 28.1 42.1
169 13.8 11.5 17.3



#56
4-Nitrophenol
Concen: 69.396 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:139 Resp: 179260
Ion Ratio Lower Upper
139 100
109 66.5 44.3 84.3
65 85.2 61.5 101.5

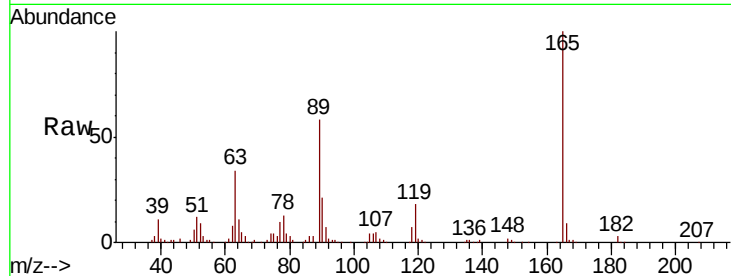




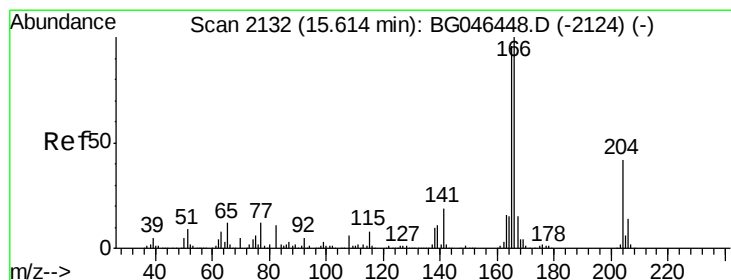
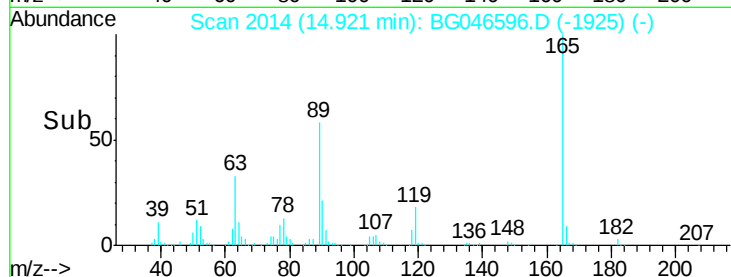
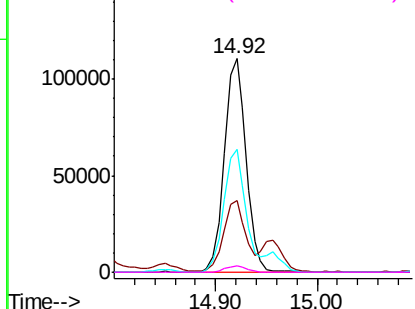
#57
 2,4-Dinitrotoluene
 Concen: 35.467 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Instrument :
 BNA_G
 ClientSampleId :
 PB131540BS

Tot Ion:165 Resp: 163866
 Ion Ratio Lower Upper
 165 100
 63 33.6 25.4 38.0
 89 57.6 45.9 68.9
 182 3.1 2.3 3.5

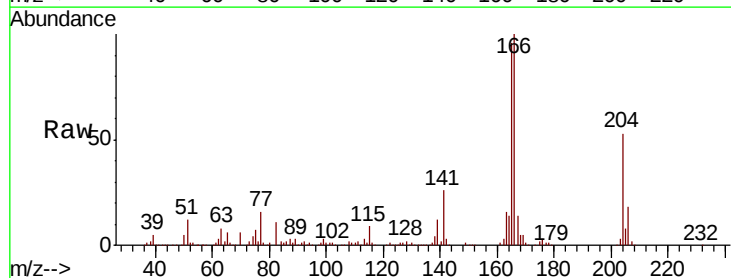


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

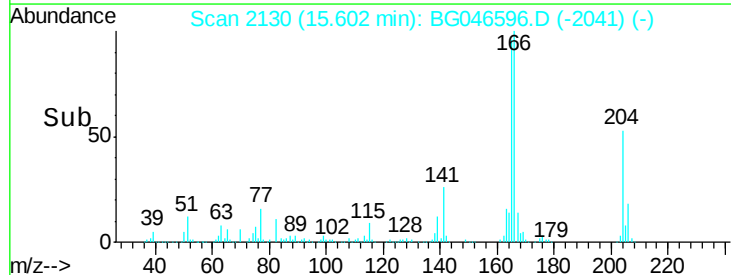
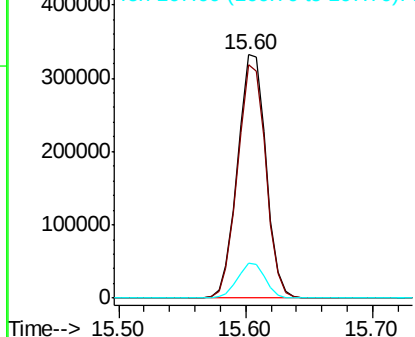


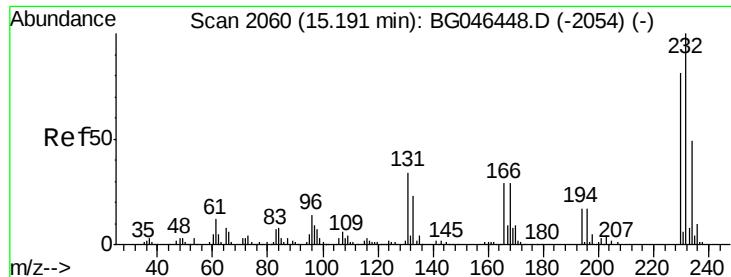
#58
 Fluorene
 Concen: 36.105 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Tgt Ion:166 Resp: 512362
 Ion Ratio Lower Upper
 166 100
 165 96.1 77.0 115.4
 167 14.3 11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

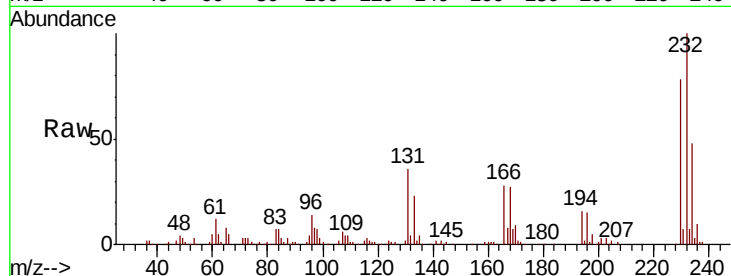




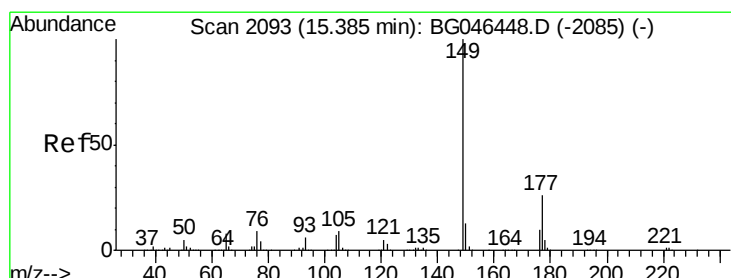
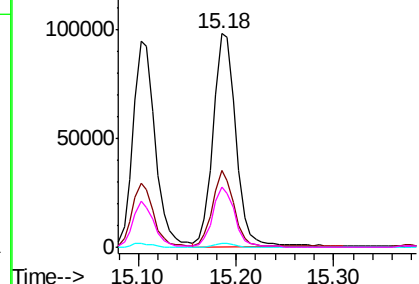
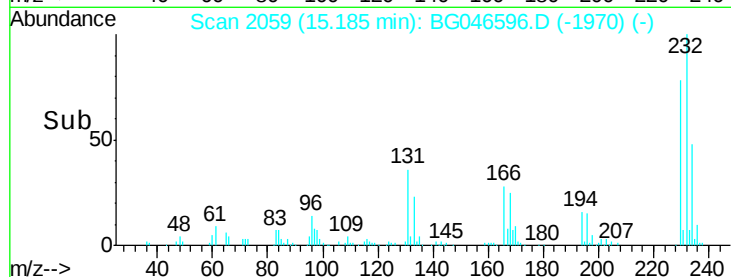
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.759 ng
RT: 15.18 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion:	232	Resp:	158577
Ion	Ratio	Lower	Upper
232	100		
131	35.1	26.8	40.2
130	1.7	1.4	2.2
166	26.9	22.8	34.2

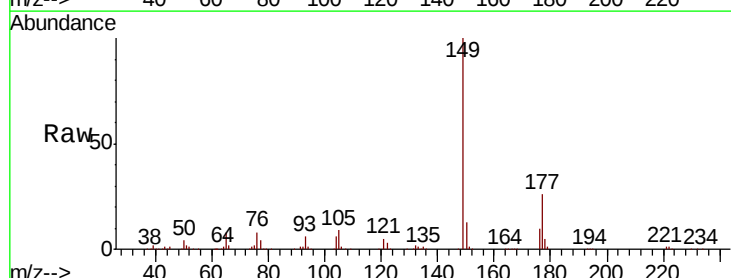


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

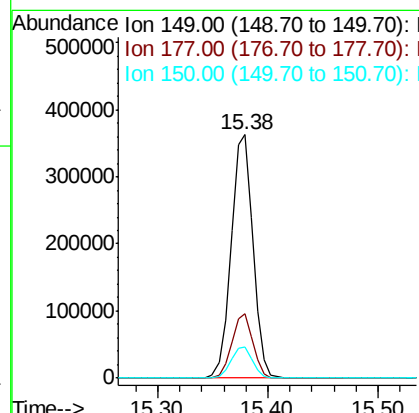
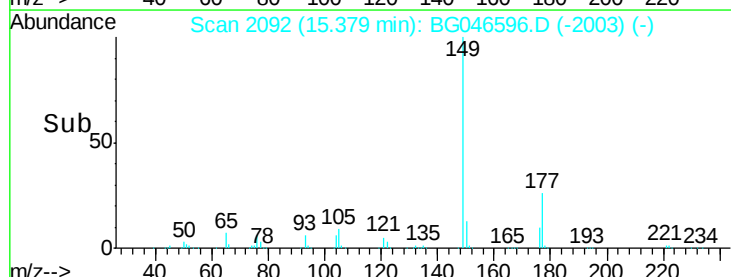


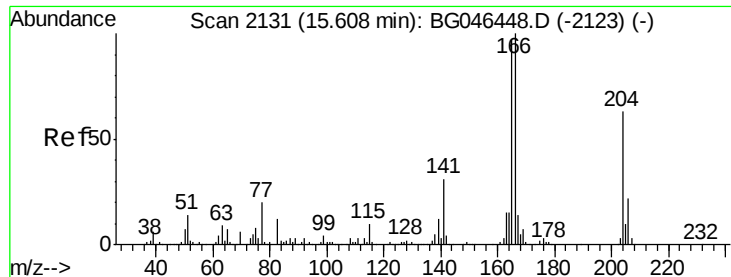
#60
Diethylphthalate
Concen: 34.925 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:	149	Resp:	500537
Ion	Ratio	Lower	Upper
149	100		
177	26.2	20.6	30.8
150	12.6	10.3	15.5



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

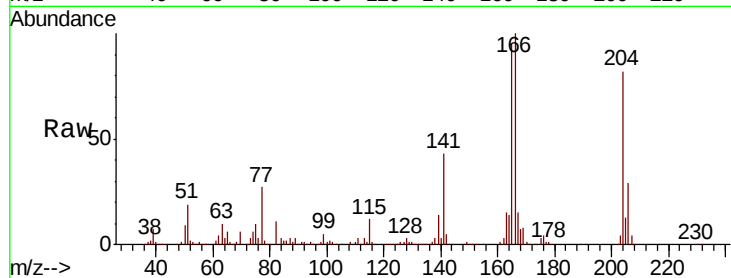




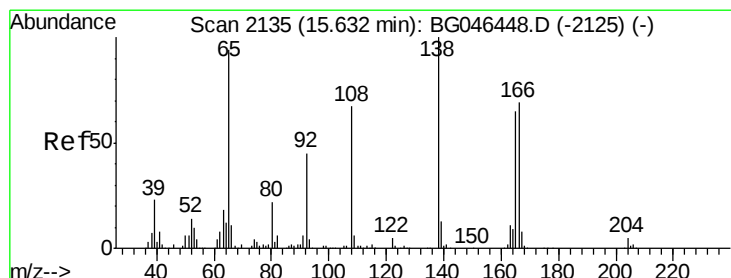
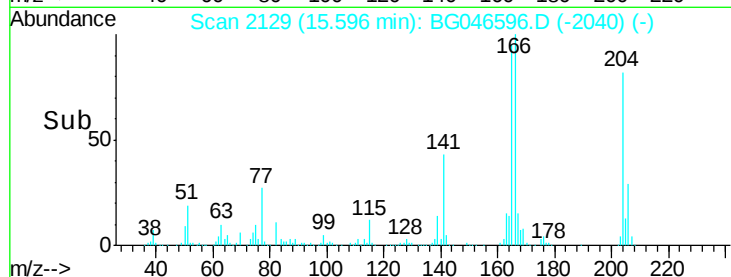
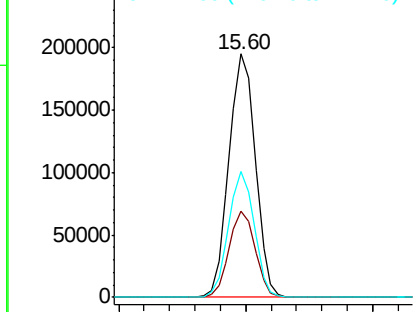
#61
4-Chlorophenyl-phenylether
Concen: 35.900 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion:204 Resp: 280574
Ion Ratio Lower Upper
204 100
206 35.5 27.7 41.5
141 51.9 38.7 58.1

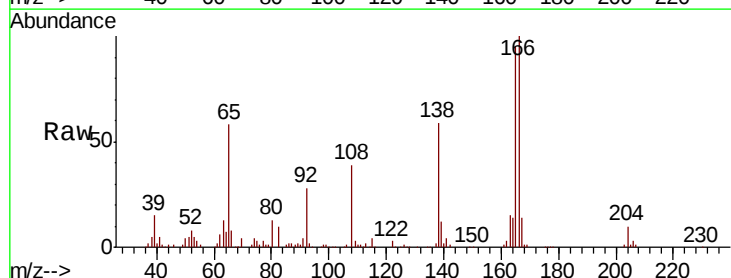


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

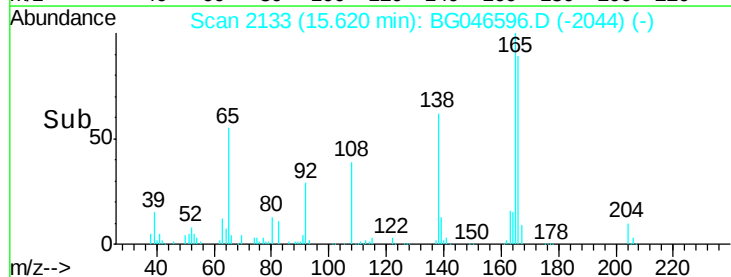
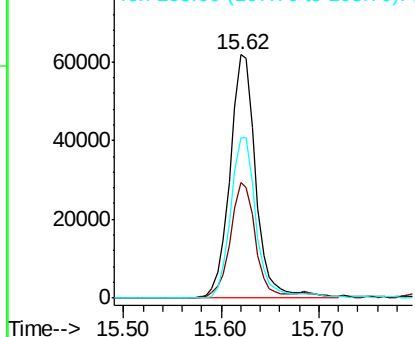


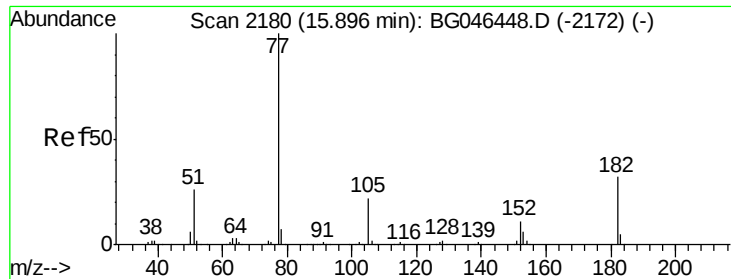
#62
4-Nitroaniline
Concen: 30.853 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:138 Resp: 114262
Ion Ratio Lower Upper
138 100
92 47.4 25.3 65.3
108 66.1 46.7 86.7



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

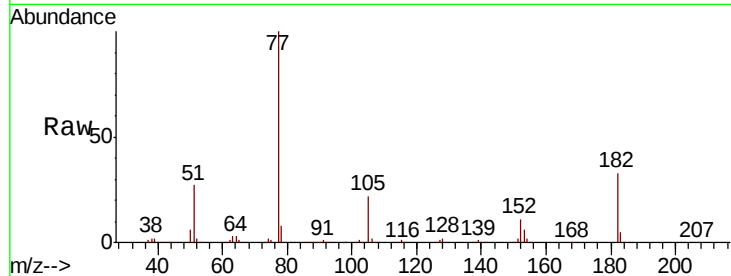




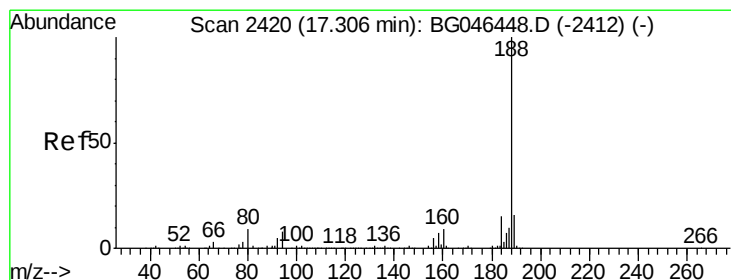
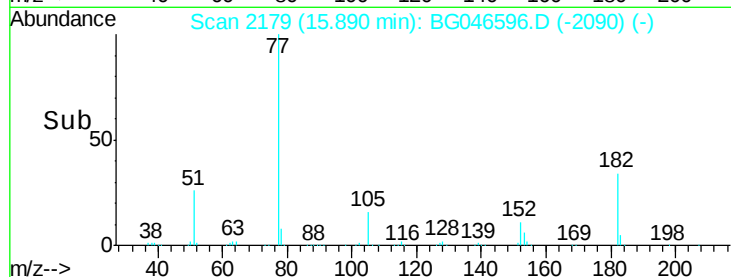
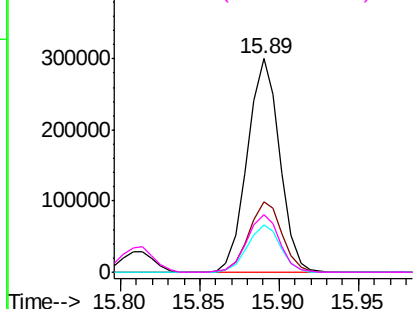
#63
Azobenzene
Concen: 36.296 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion:	77	Resp:	423147
Ion	Ratio	Lower	Upper
77	100		
182	33.0	12.3	52.3
105	22.1	2.3	42.3
51	26.9	6.5	46.5

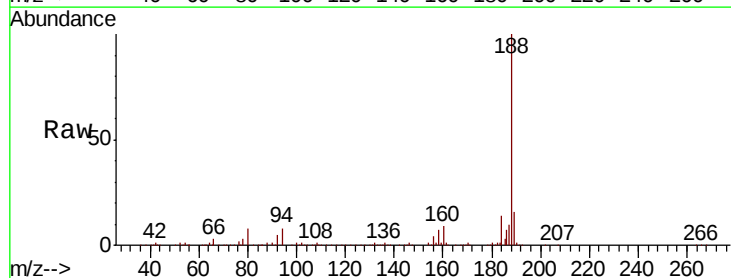


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

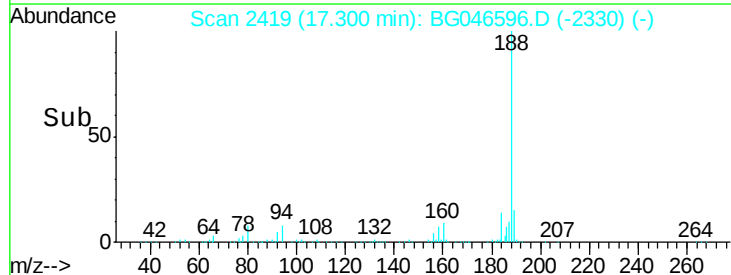
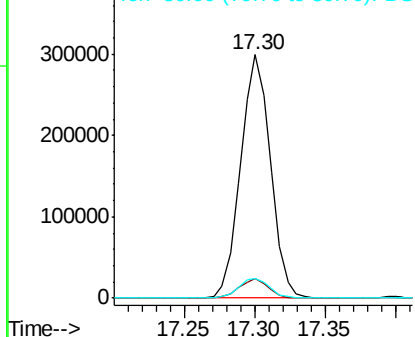


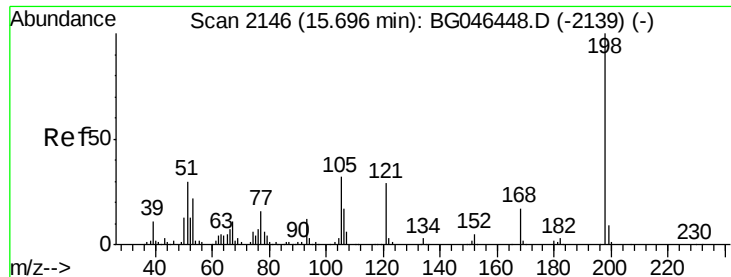
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:	188	Resp:	441559
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.3	9.5
80	8.1	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

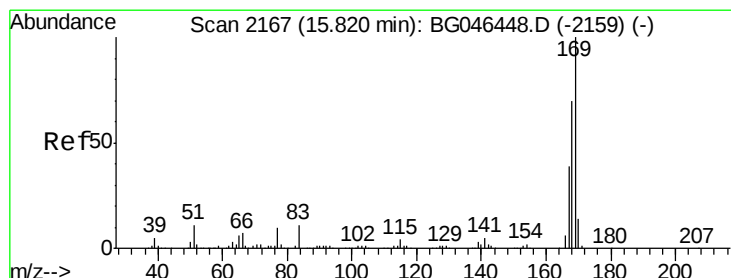
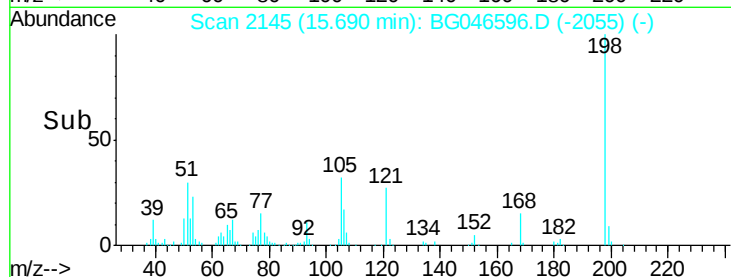
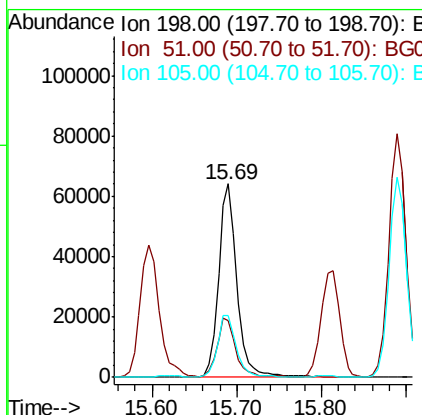
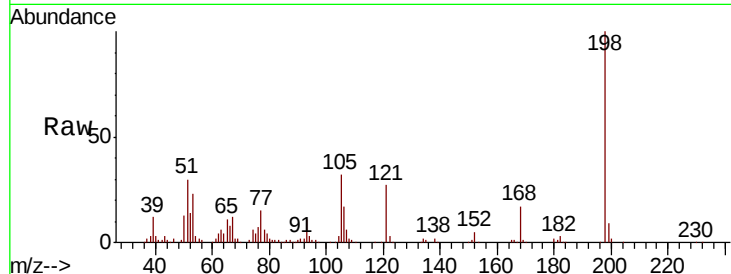




#65
4,6-Dinitro-2-methylphenol
Concen: 39.112 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

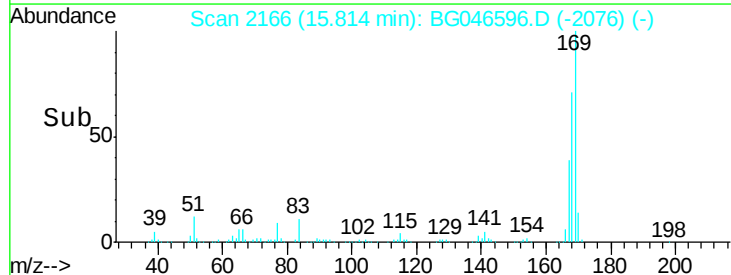
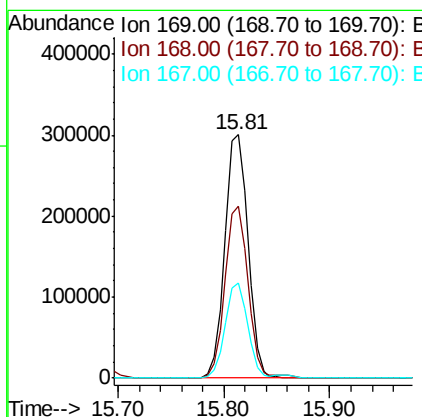
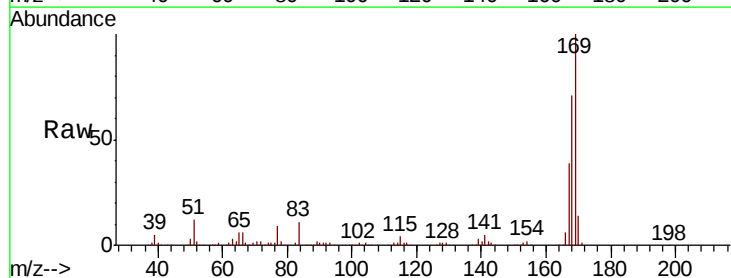
Instrument :
BNA_G
ClientSampleId :
PB131540BS

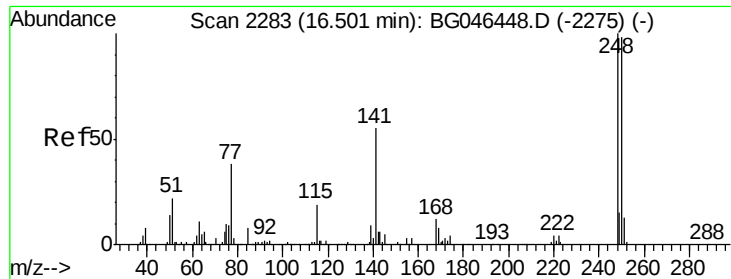
Tot Ion:198 Resp: 97751
Ion Ratio Lower Upper
198 100
51 29.6 10.4 50.4
105 32.2 12.4 52.4



#66
n-Nitrosodiphenylamine
Concen: 38.234 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:169 Resp: 455458
Ion Ratio Lower Upper
169 100
168 70.7 55.8 83.8
167 39.0 31.0 46.6

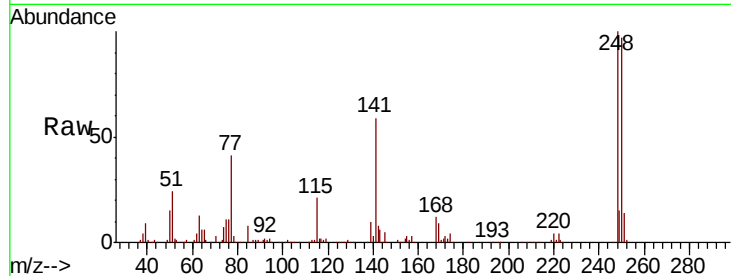




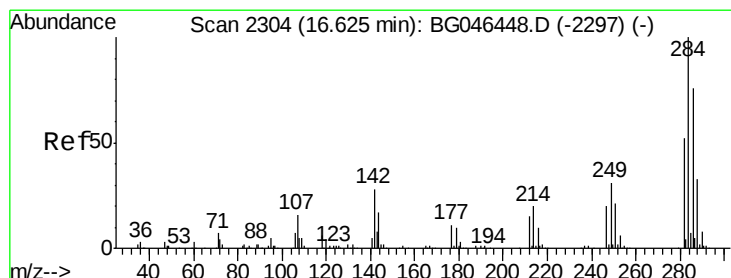
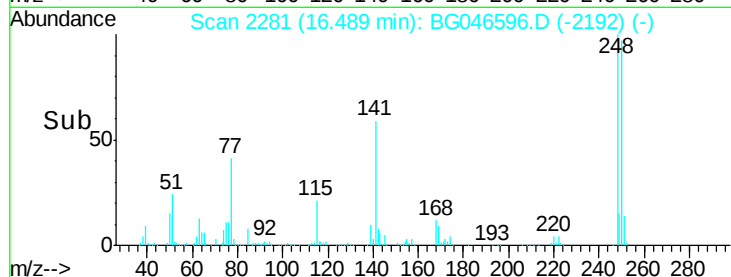
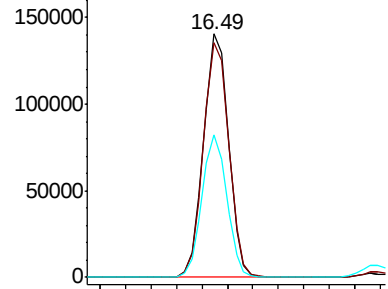
#67
4-Bromophenyl-phenylether
Concen: 37.150 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.6	118.0
141	58.5	43.9	65.9

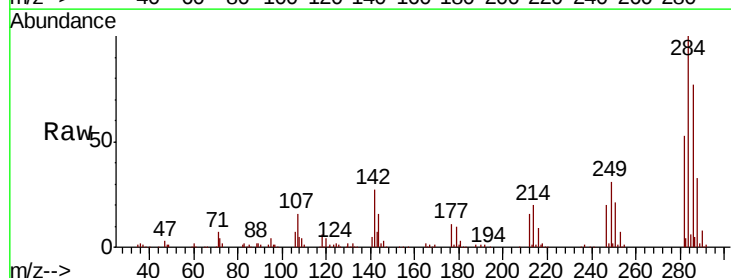


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

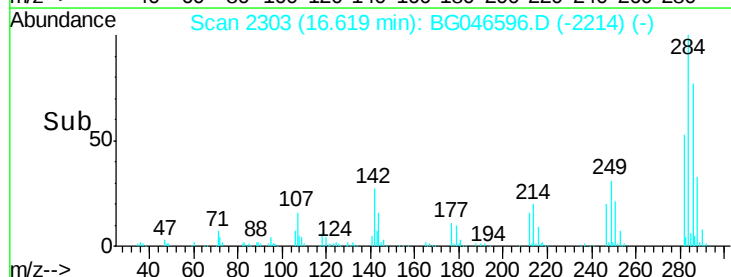
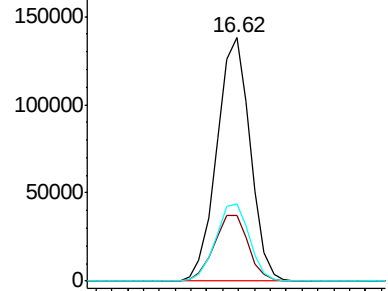


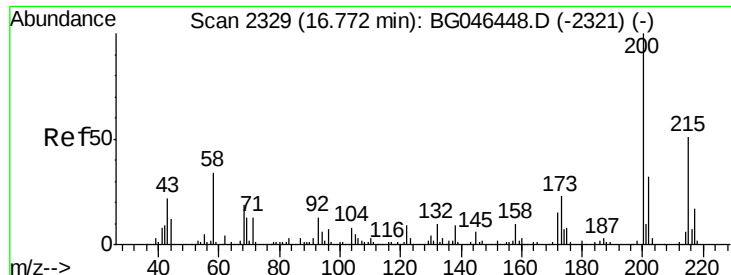
#68
Hexachlorobenzene
Concen: 35.173 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	22.3	33.5
249	31.5	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: 34.021 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

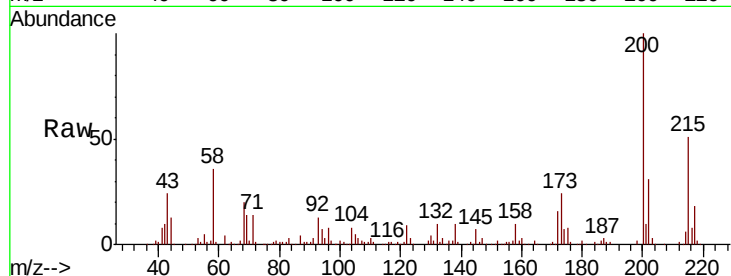
Tot Ion:200 Resp: 165330

Ion Ratio Lower Upper

200 100

173 23.6 3.3 43.3

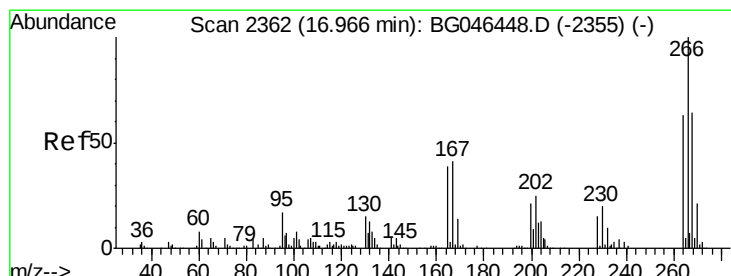
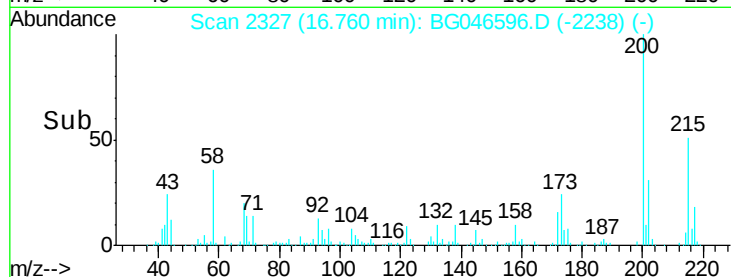
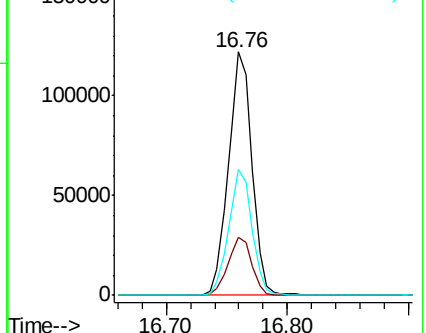
215 51.5 30.9 70.9



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: 71.678 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

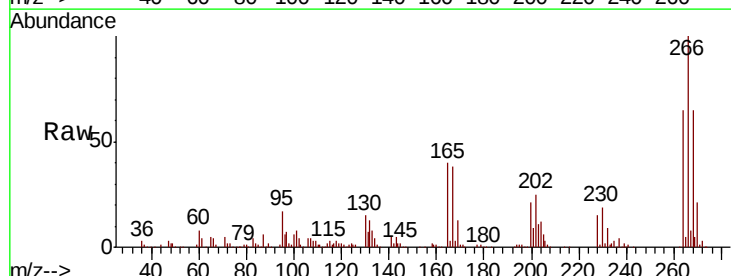
Tgt Ion:266 Resp: 213664

Ion Ratio Lower Upper

266 100

268 64.6 51.1 76.7

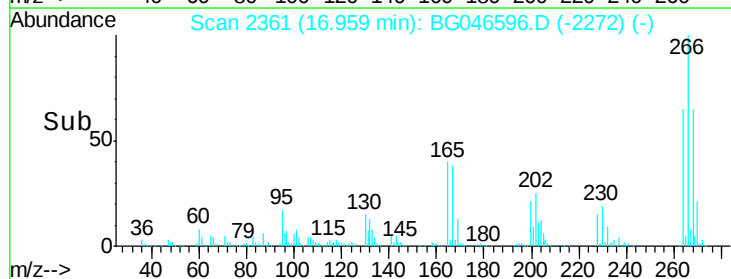
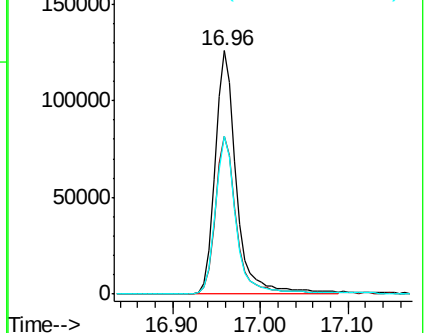
264 64.9 50.2 75.2

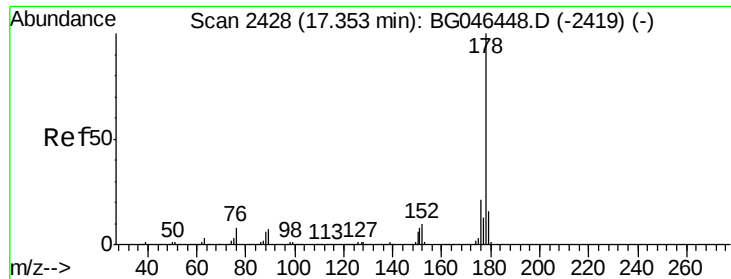


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

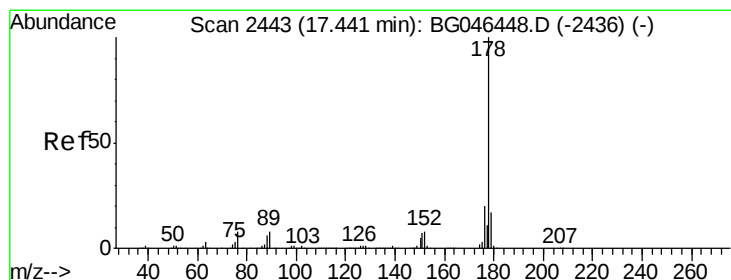
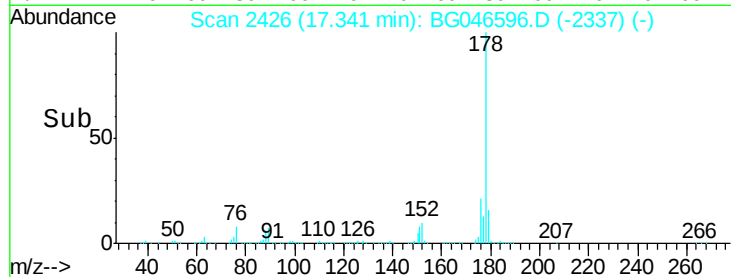
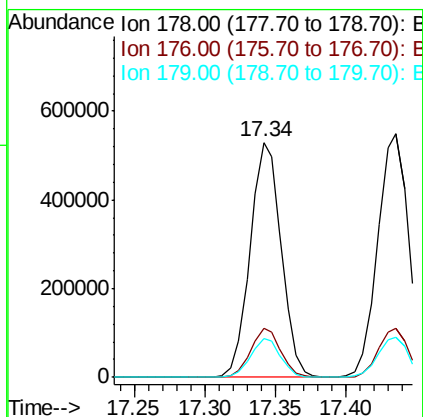
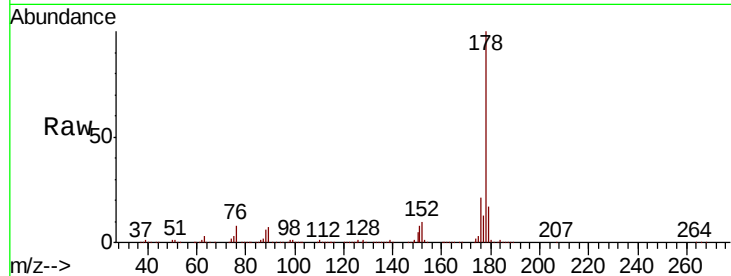




#71
Phenanthrene
Concen: 36.599 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

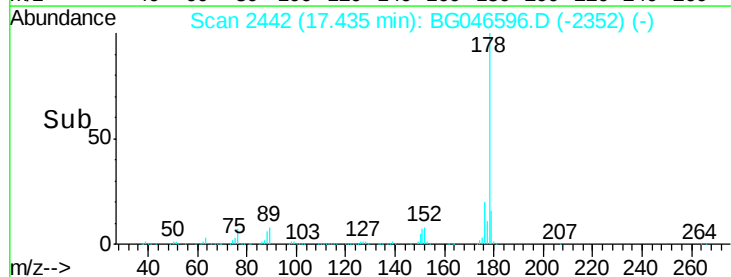
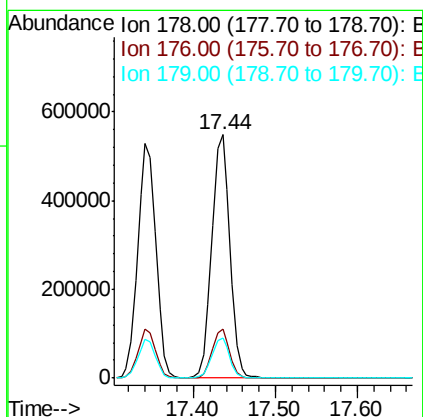
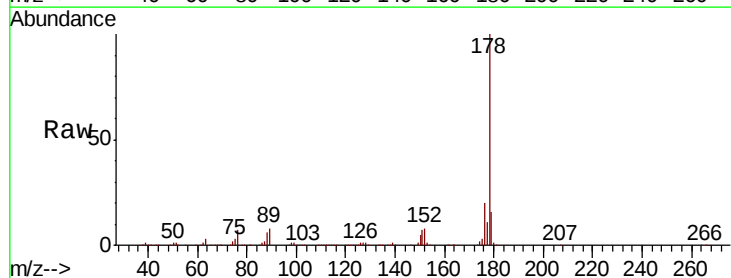
Instrument :
BNA_G
ClientSampleId :
PB131540BS

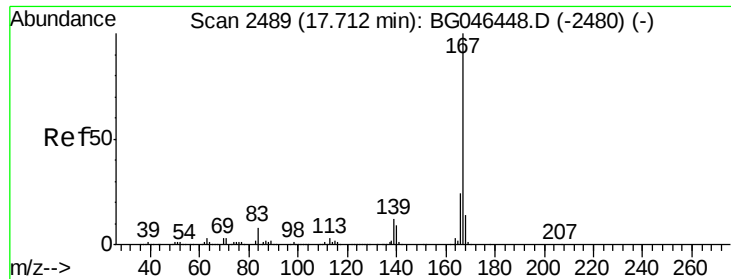
Tot Ion:178 Resp: 819126
Ion Ratio Lower Upper
178 100
176 20.7 16.8 25.2
179 16.6 13.2 19.8



#72
Anthracene
Concen: 38.254 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:178 Resp: 844727
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.4 13.3 19.9

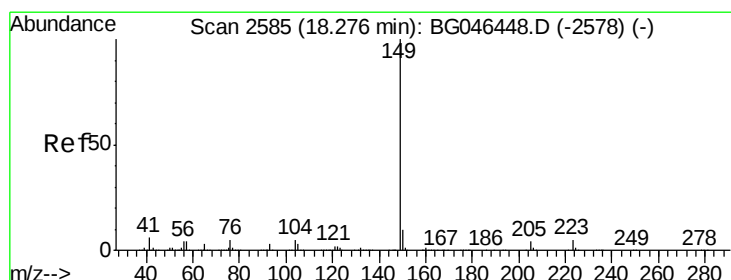
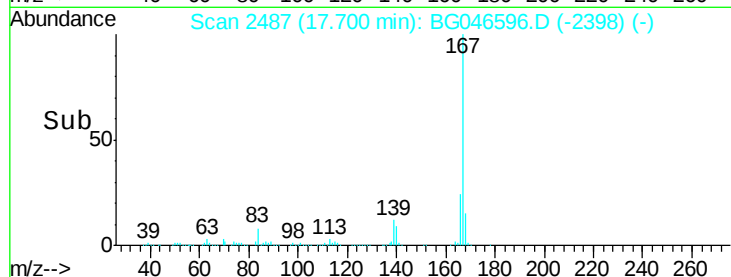
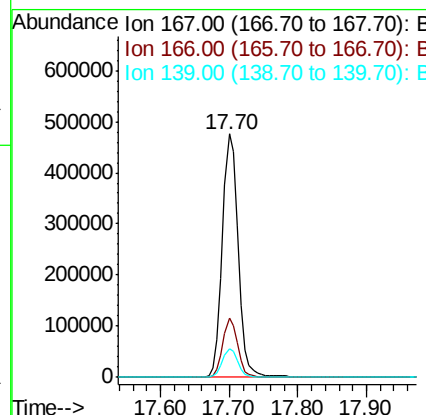
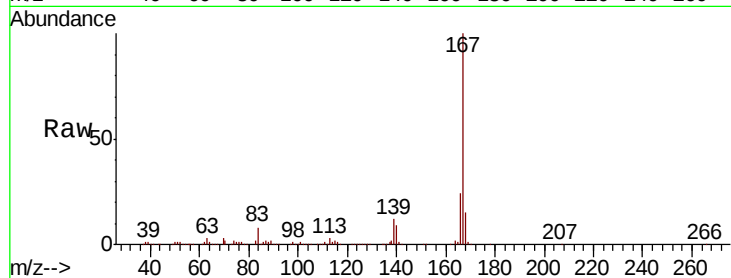




#73
 Carbazole
 Concen: 36.463 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

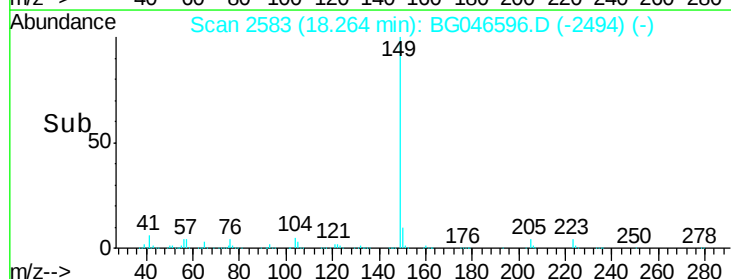
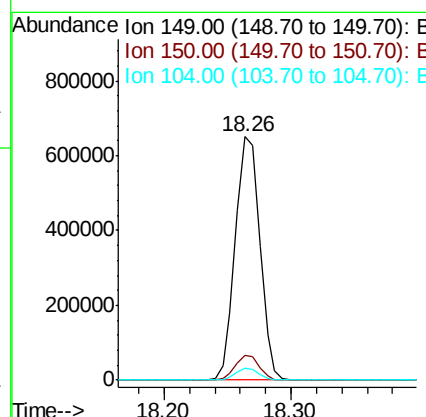
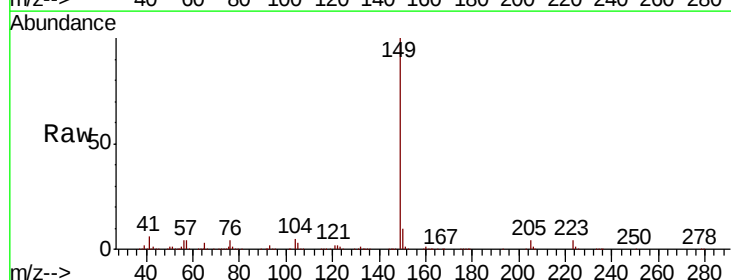
Instrument :
 BNA_G
 ClientSampleId :
 PB131540BS

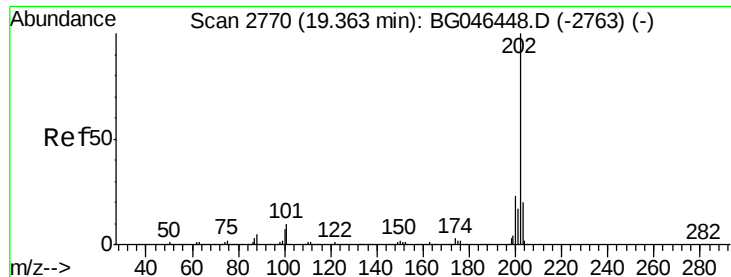
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.3	28.9
139	11.9	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 36.317 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 36.633 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

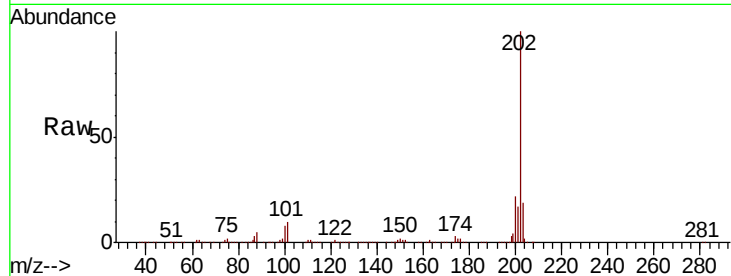
Tot Ion:202 Resp: 1055118

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.9

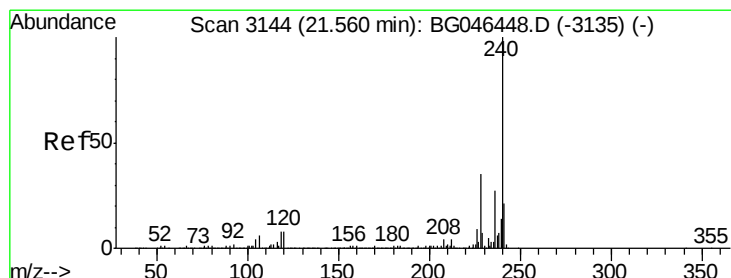
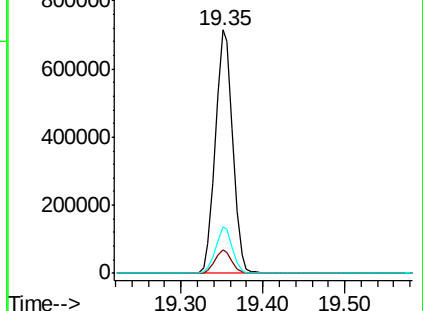
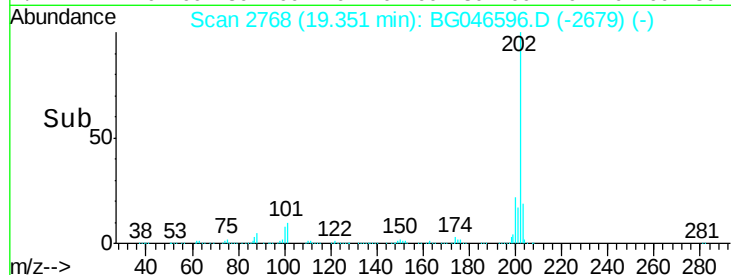
203 19.3 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

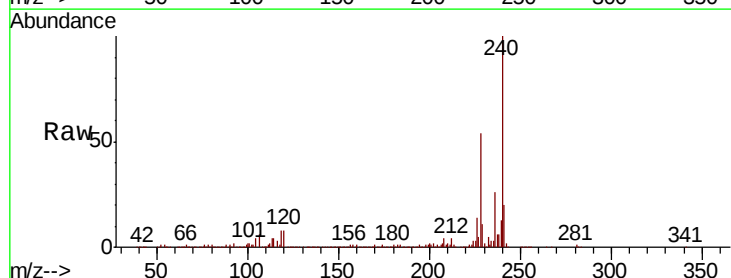
Tgt Ion:240 Resp: 448958

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

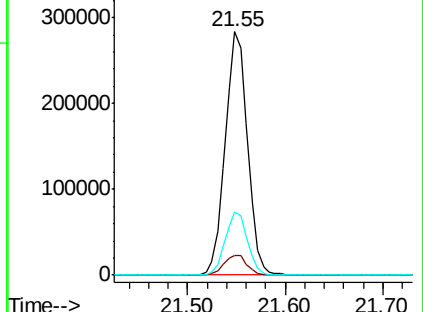
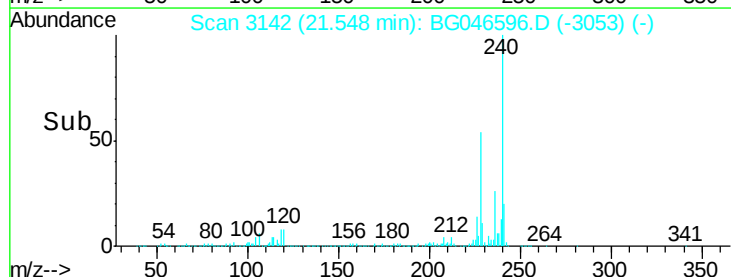
236 25.8 21.4 32.2



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: 34.833 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

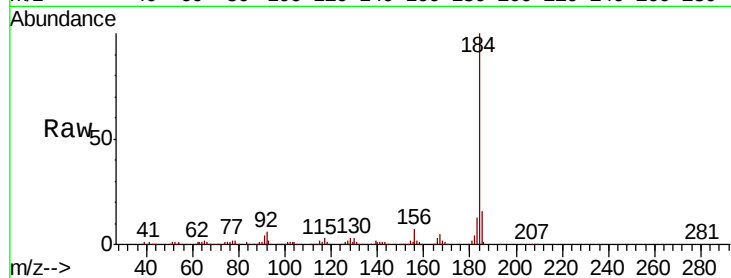
Tot Ion:184 Resp: 363390

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.8

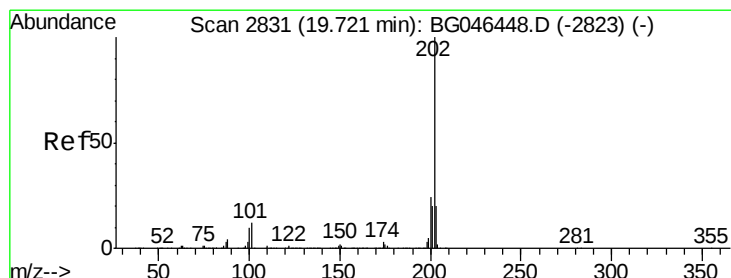
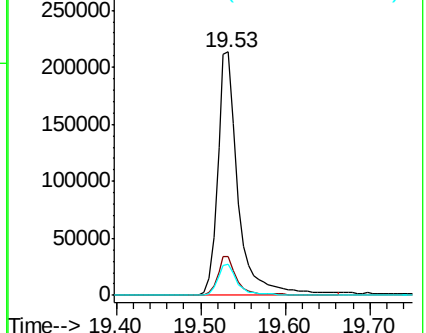
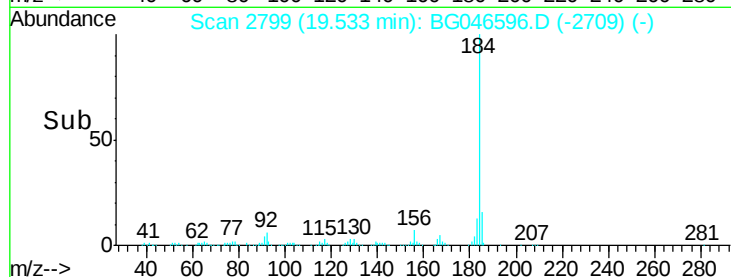
183 12.6 10.7 16.1



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: 36.796 ng

RT: 19.71 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

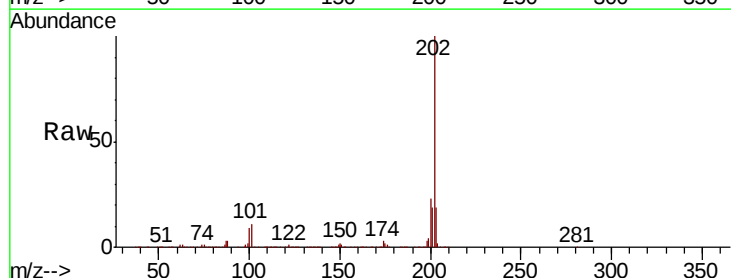
Tgt Ion:202 Resp: 1051964

Ion Ratio Lower Upper

202 100

200 23.1 18.9 28.3

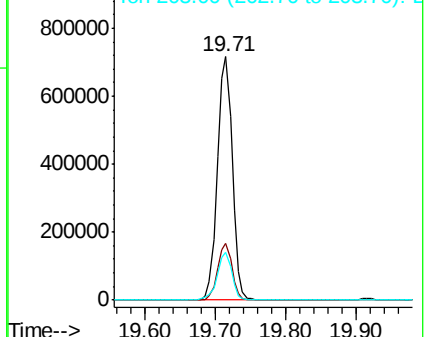
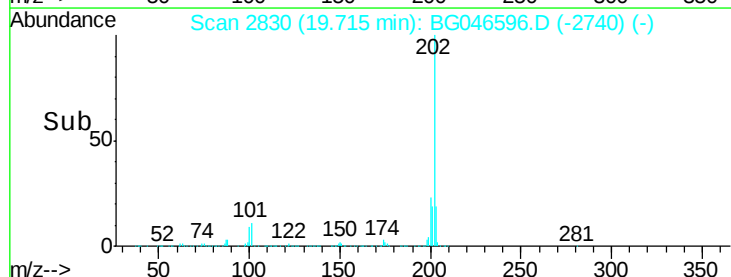
203 19.4 16.1 24.1

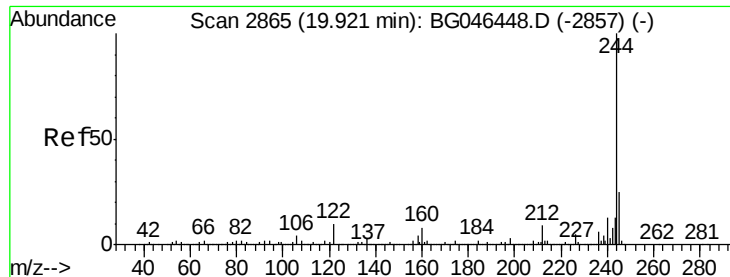


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.323 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

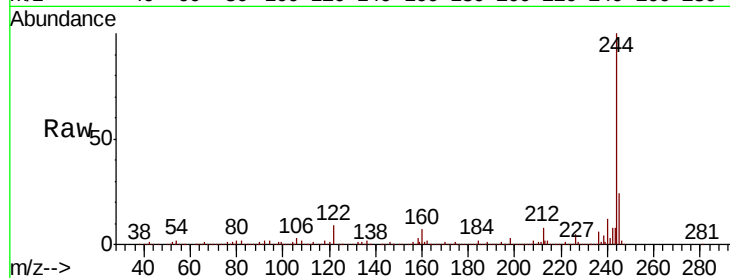
BNA_G

ClientSampled :

PB131540BS

Tot Ion:244 Resp: 1504627

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	9.3	8.2	12.4

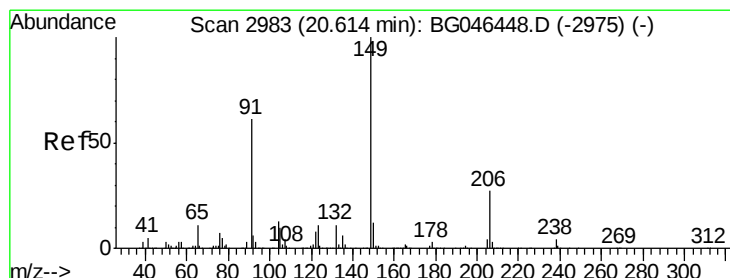
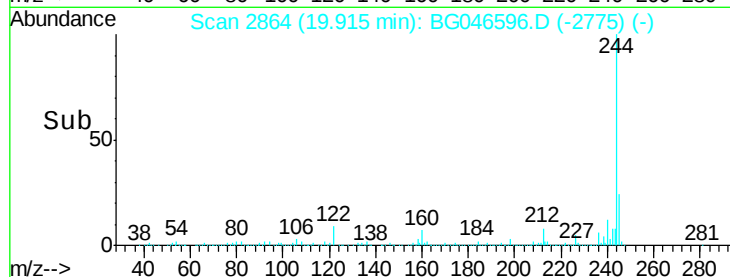
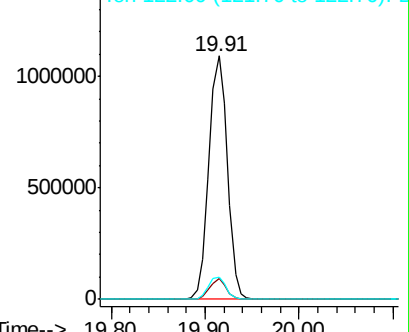


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.266 ng

RT: 20.60 min Scan# 2981

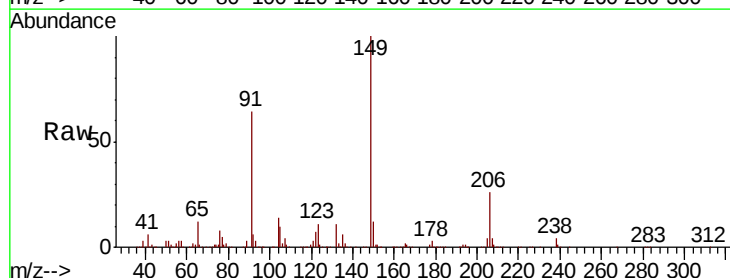
Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Tgt Ion:149 Resp: 404419

Ion	Ratio	Lower	Upper
149	100		
91	63.6	49.1	73.7
206	26.2	21.9	32.9

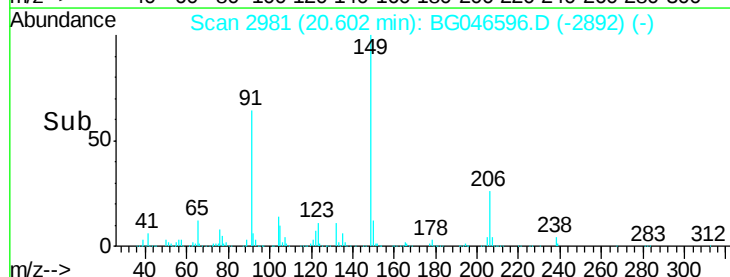
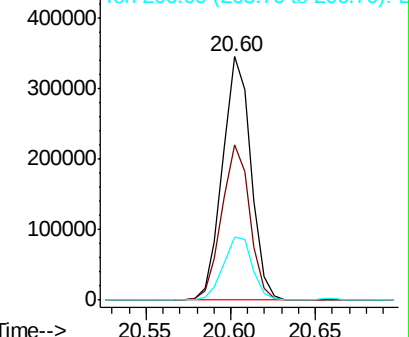


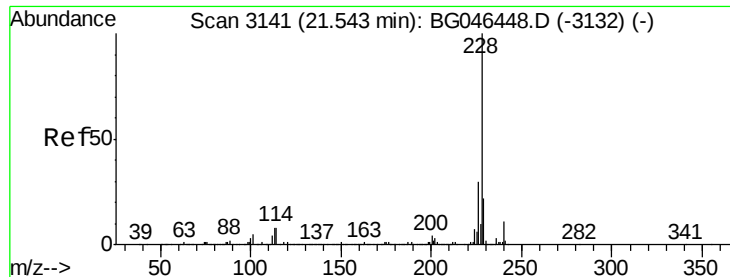
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.405 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

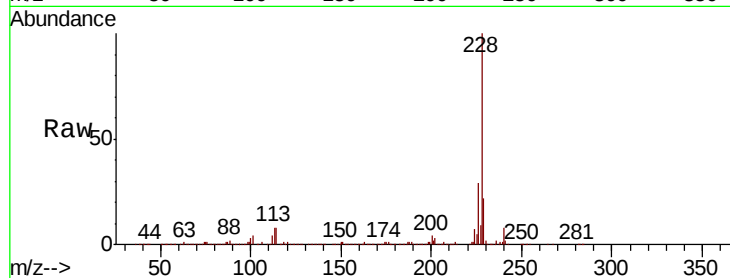
Tot Ion:228 Resp: 1018728

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.4
229	21.5	17.4	26.2

228 100

226 29.0 24.2 36.4

229 21.5 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

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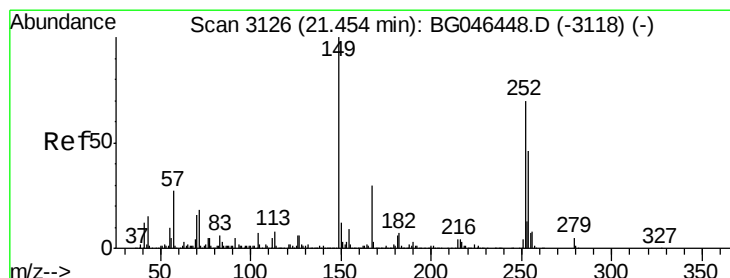
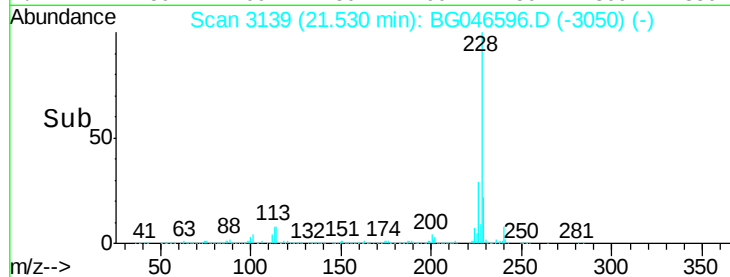
21.53

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21.53



#82

3,3'-Dichlorobenzidine

Concen: 29.768 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

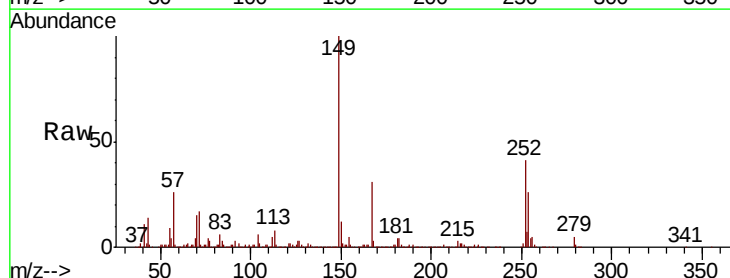
Tgt Ion:252 Resp: 309137

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	8.4	7.4	11.0

252 100

254 65.2 51.9 77.9

126 8.4 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

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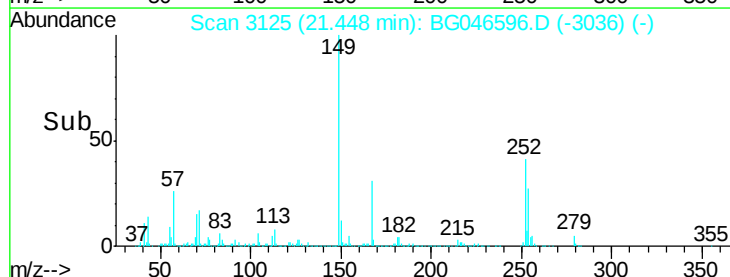
21.45

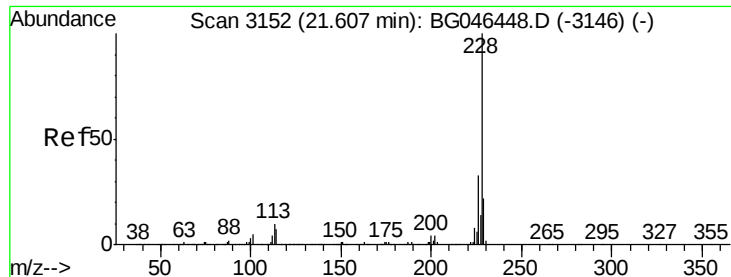
21.45

21.45

21.45

21.45





#83

Chrysene

Concen: 36.391 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

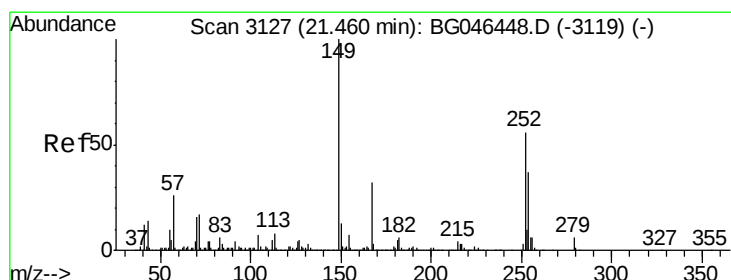
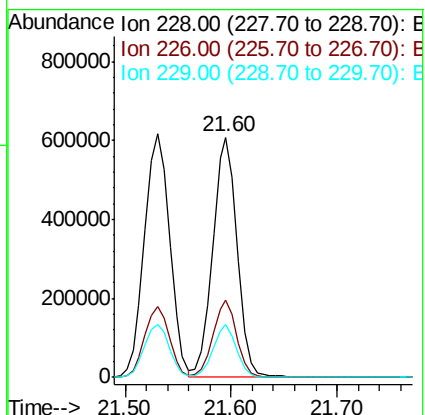
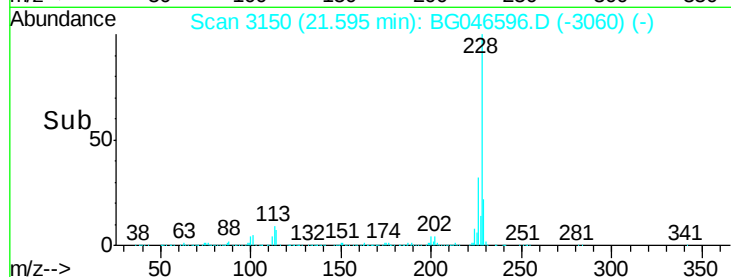
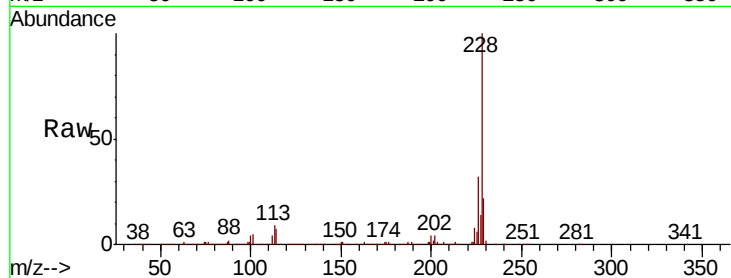
Tot Ion:228 Resp: 979568

Ion Ratio Lower Upper

228 100

226 32.2 26.2 39.4

229 21.9 17.9 26.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.428 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

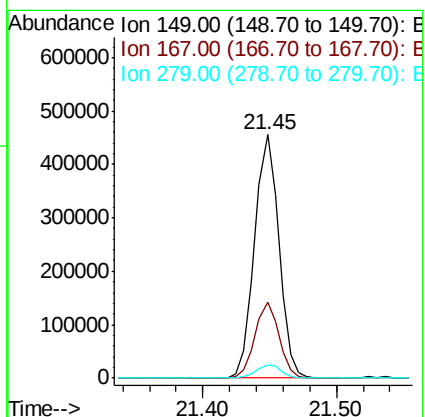
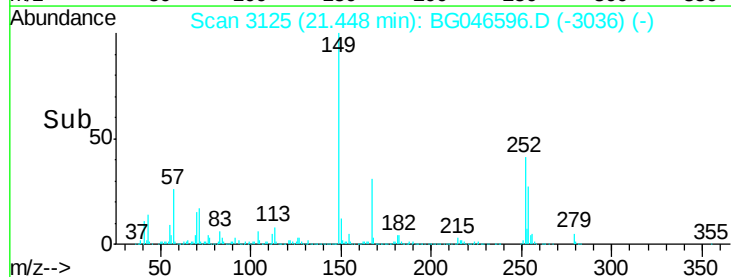
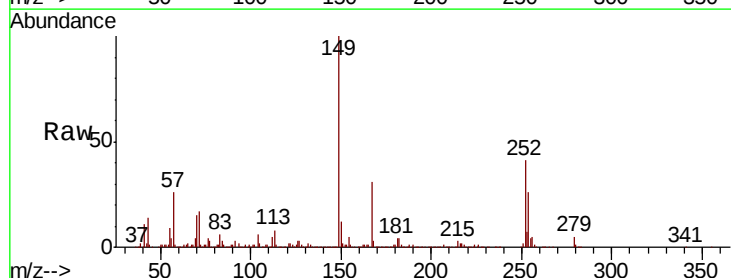
Tgt Ion:149 Resp: 569579

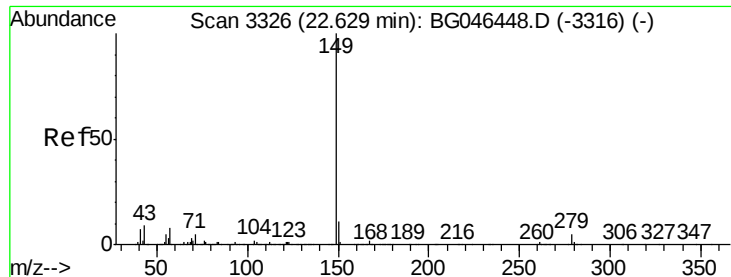
Ion Ratio Lower Upper

149 100

167 31.0 25.4 38.2

279 5.3 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 37.609 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

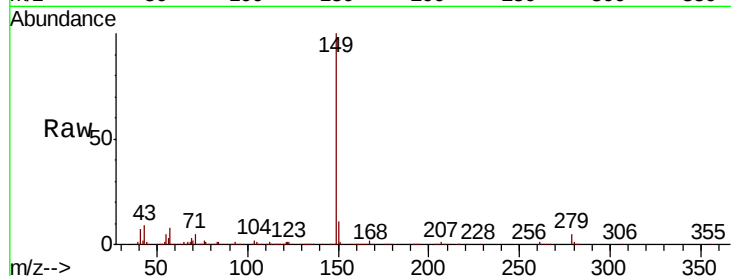
Tot Ion:149 Resp: 979984

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

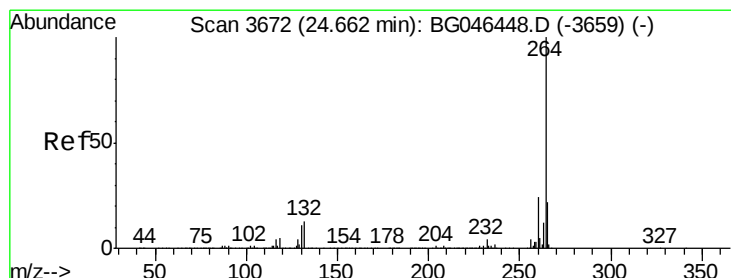
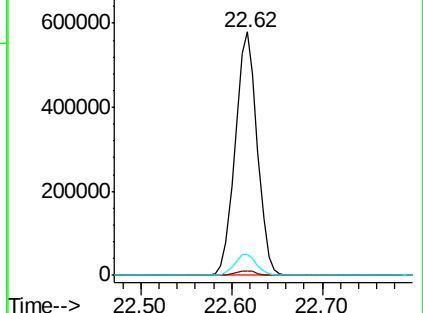
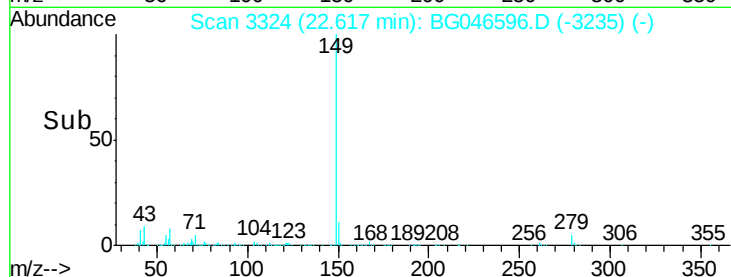
43 8.6 7.0 10.4



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: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

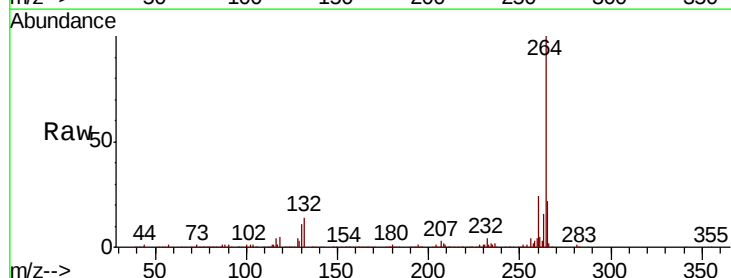
Tgt Ion:264 Resp: 435991

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

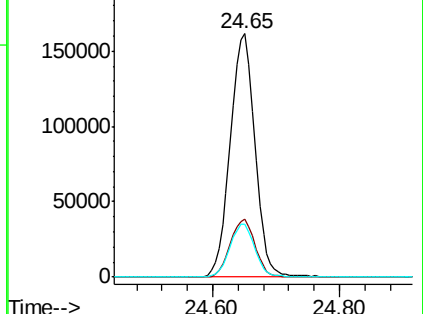
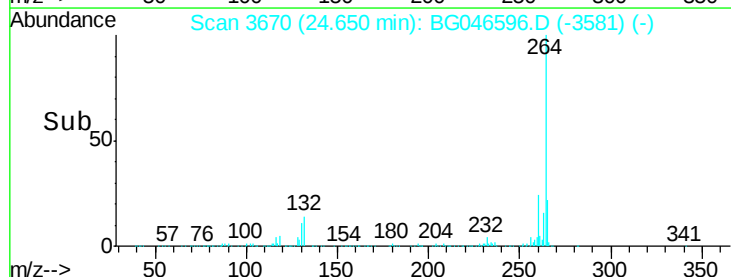
265 21.8 17.9 26.9

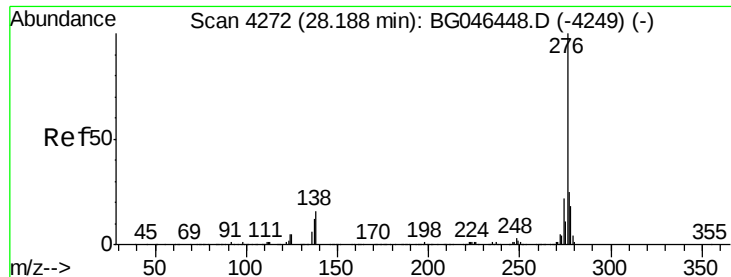


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



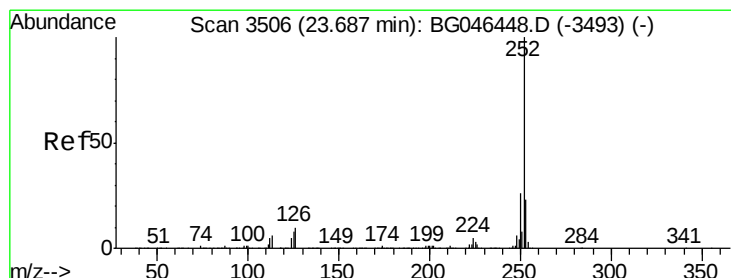
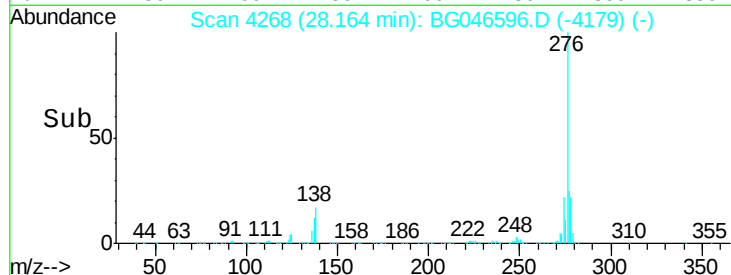
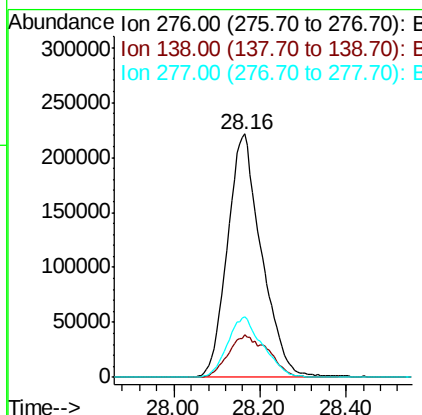
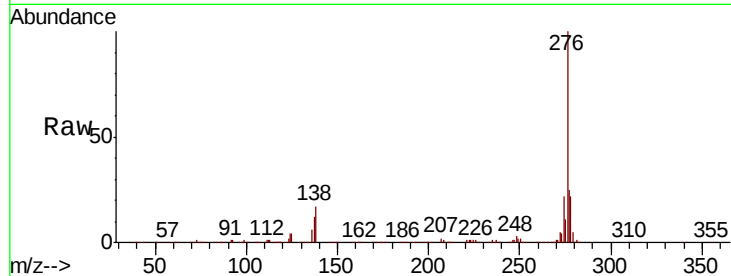


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.960 ng
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Instrument :
 BNA_G
 ClientSampleId :
 PB131540BS

Tot Ion:276 Resp: 1219993

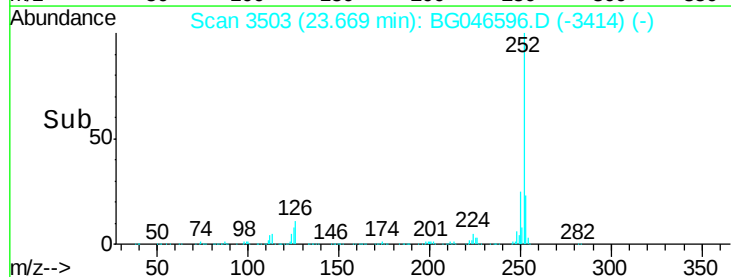
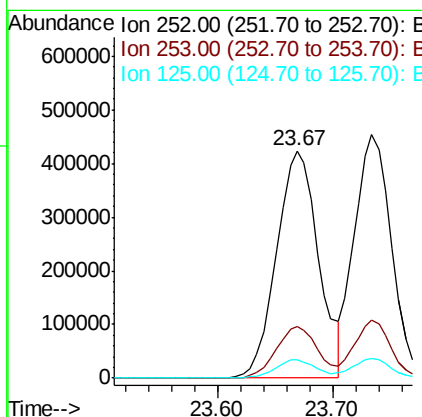
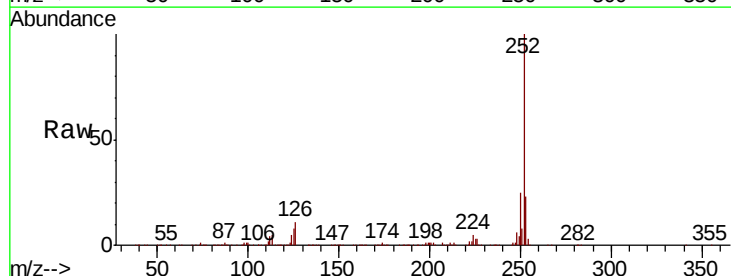
Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.5	24.7
277	25.8	20.7	31.1



#88
 Benzo(b)fluoranthene
 Concen: 39.263 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: BG046596.D
 Acq: 11 Sep 2020 14:45

Tgt Ion:252 Resp: 1068882

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	8.1	6.2	9.2

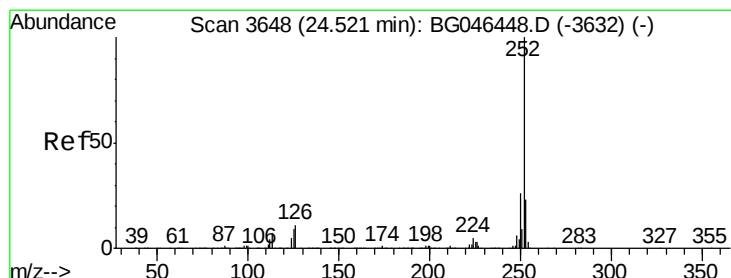
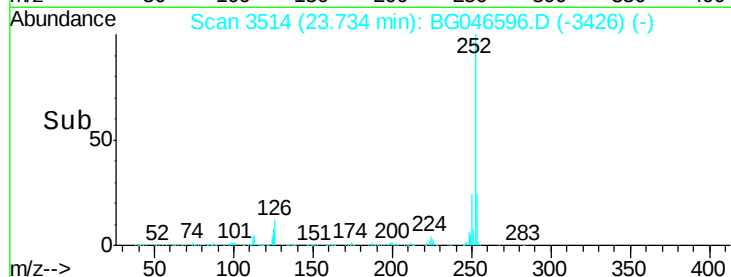
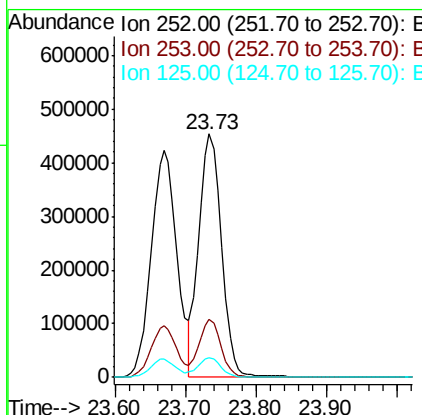
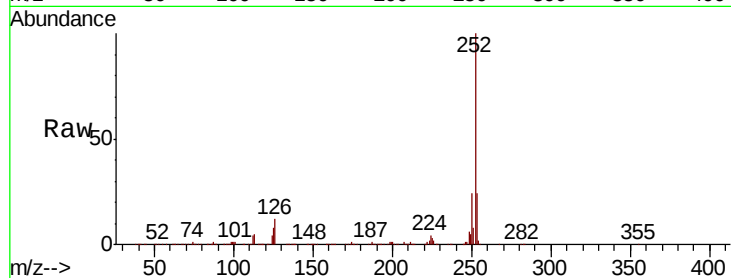




#89
Benzo(k)fluoranthene
Concen: 38.735 ng
RT: 23.73 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

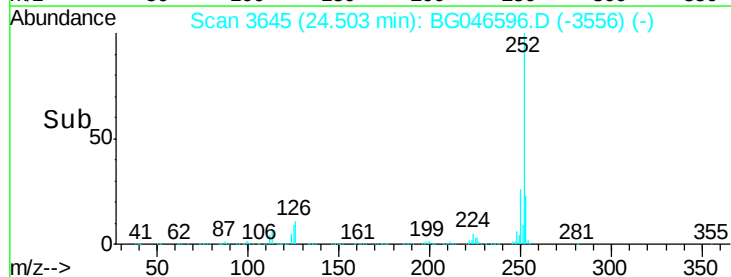
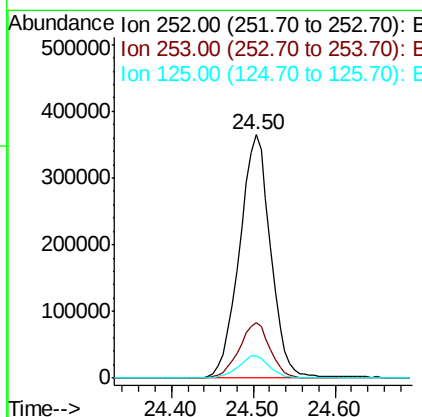
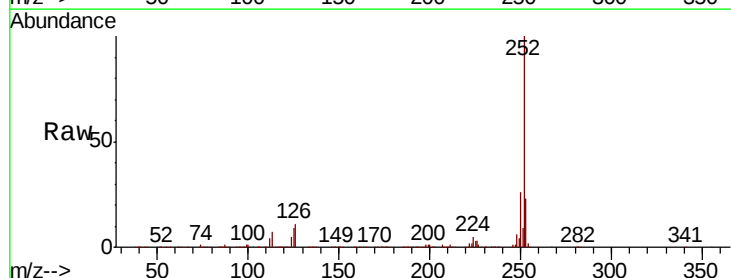
Instrument :
BNA_G
ClientSampleId :
PB131540BS

Tot Ion:252 Resp: 1019151
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 8.2 6.8 10.2



#90
Benzo(a)pyrene
Concen: 38.040 ng
RT: 24.50 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG046596.D
Acq: 11 Sep 2020 14:45

Tgt Ion:252 Resp: 966438
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 9.3 7.4 11.0





#91

Dibenzo(a,h)anthracene

Concen: 39.747 ng

RT: 28.22 min Scan# 4277

Delta R.T. -0.01 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

Instrument :

BNA_G

ClientSampleId :

PB131540BS

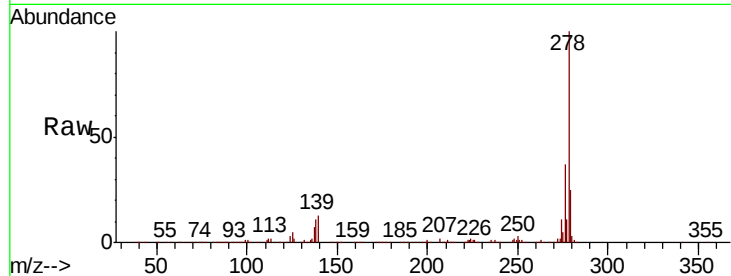
Tot Ion:278 Resp: 1004371

Ion Ratio Lower Upper

278 100

139 12.8 11.2 16.8

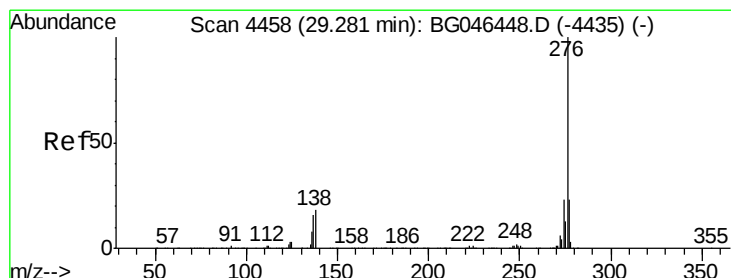
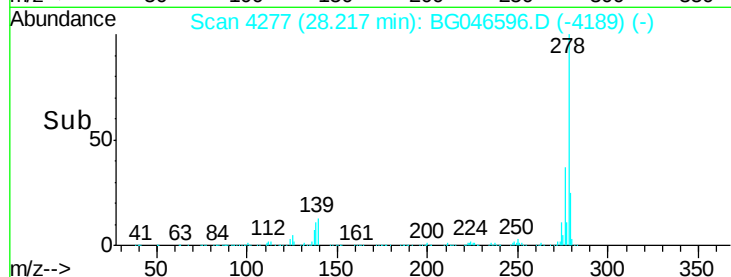
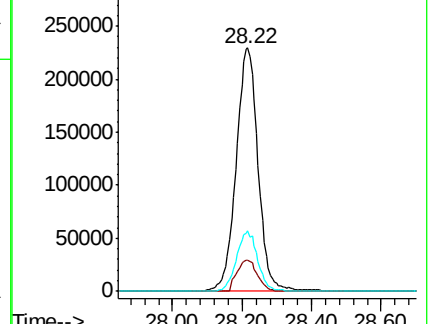
279 24.9 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.662 ng

RT: 29.26 min Scan# 4454

Delta R.T. -0.02 min

Lab File: BG046596.D

Acq: 11 Sep 2020 14:45

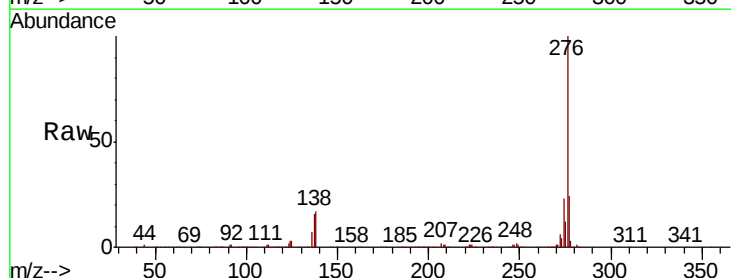
Tgt Ion:276 Resp: 1026046

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 16.8 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

