

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046598.D
 Acq On : 11 Sep 2020 16:05
 Operator : CG/JU
 Sample : PB131544BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Quant Time: Sep 11 17:06:25 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	76646	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	309960	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	214411	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	483524	20.00	ng	0.00
76) Chrysene-d12	21.55	240	480641	20.00	ng	0.00
86) Perylene-d12	24.64	264	478956	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	454934	105.13	ng	0.00
7) Phenol-d6	7.11	99	596587	97.25	ng	0.00
23) Nitrobenzene-d5	9.08	82	382794	70.59	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	269915	92.91	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1000348	71.22	ng	0.00
79) Terphenyl-d14	19.91	244	1500682	66.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	86059	47.801	ng	96
3) Pyridine	3.80	79	124142	23.568	ng	99
4) n-Nitrosodimethylamine	3.72	42	73188	37.672	ng	92
6) Aniline	7.25	93	247961	35.920	ng	98
8) 2-Chlorophenol	7.49	128	197251	43.128	ng	97
9) Benzaldehyde	7.07	77	125731	36.582	ng	96
10) Phenol	7.13	94	241214	42.691	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	178466	39.295	ng	98
12) 1,3-Dichlorobenzene	7.82	146	209677	36.109	ng	99
13) 1,4-Dichlorobenzene	7.96	146	210906	36.280	ng	97
14) 1,2-Dichlorobenzene	8.28	146	208688	37.439	ng	99
15) Benzyl Alcohol	8.16	79	165918	42.127	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	265235	37.650	ng	98
17) 2-Methylphenol	8.38	107	172225	42.980	ng	98
18) Hexachloroethane	9.01	117	71264	36.155	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	145389	39.622	ng	98
20) 3+4-Methylphenols	8.70	107	235929	42.657	ng	97
22) Acetophenone	8.75	105	278600	36.925	ng	99
24) Nitrobenzene	9.12	77	205203	38.300	ng	98
25) Isophorone	9.65	82	399369	40.167	ng	99
26) 2-Nitrophenol	9.83	139	115676	40.921	ng	96
27) 2,4-Dimethylphenol	9.90	122	187555	48.240	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	247779	38.718	ng	98
29) 2,4-Dichlorophenol	10.38	162	216042	41.683	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	226346	36.807	ng	99
31) Naphthalene	10.77	128	587303	38.806	ng	99
32) Benzoic acid	10.06	122	72691	29.833	ng	99
33) 4-Chloroaniline	10.88	127	194818	29.193	ng	98
34) Hexachlorobutadiene	11.07	225	144256	36.136	ng	99
35) Caprolactam	11.65	113	46850	24.182	ng	93
36) 4-Chloro-3-methylphenol	12.01	107	210832	41.590	ng	95
37) 2-Methylnaphthalene	12.38	142	472185	39.560	ng	99
38) 1-Methylnaphthalene	12.60	142	444495	39.314	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	280348	39.650	ng	98

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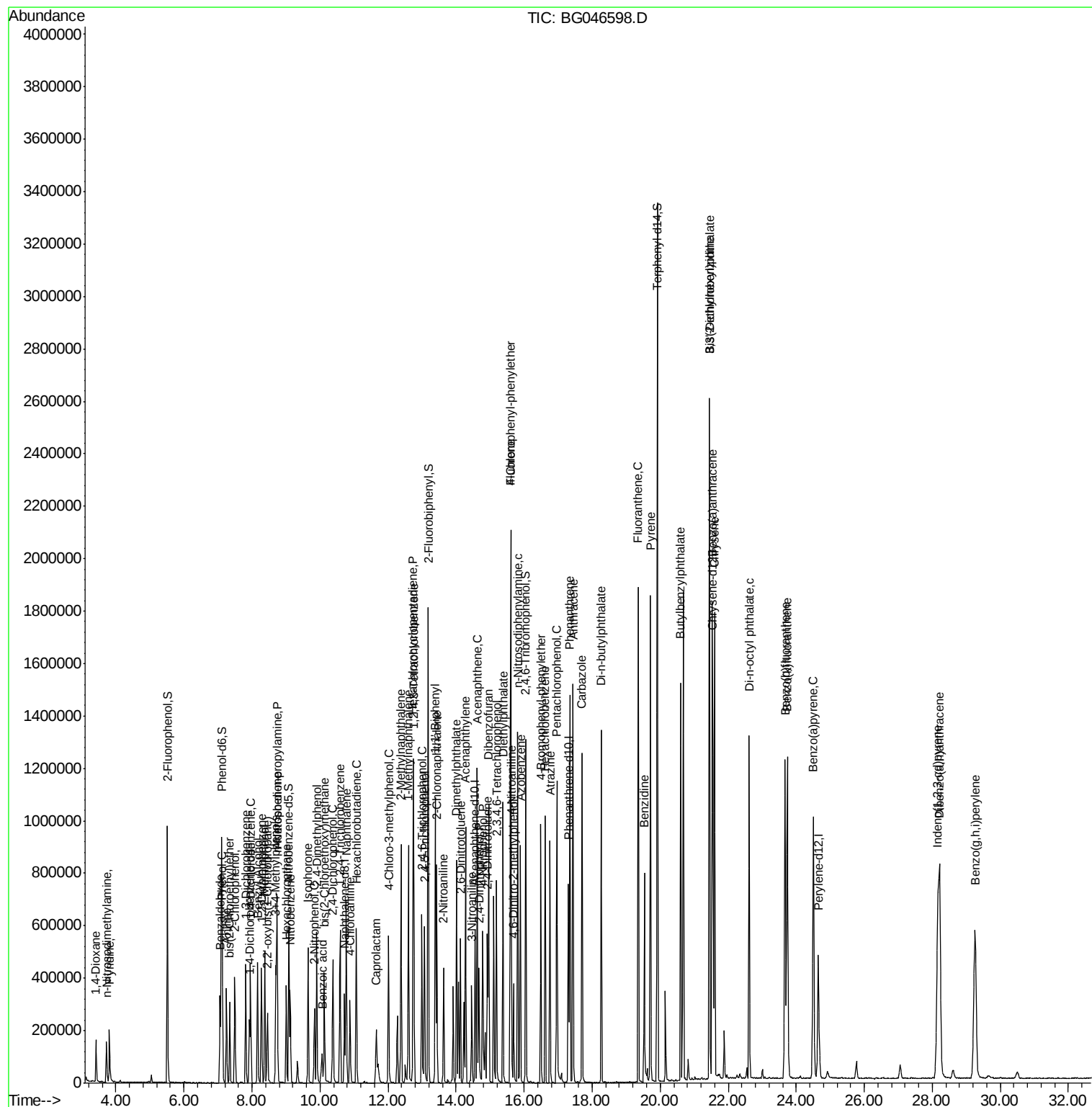
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	292508	95.143	ng	100
43) 2,4,6-Trichlorophenol	12.99	196	186321	39.050	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	202187	40.332	ng	99
46) 1,1'-Biphenyl	13.39	154	612544	41.062	ng	99
47) 2-Chloronaphthalene	13.43	162	474317	37.501	ng	99
48) 2-Nitroaniline	13.63	65	134030	38.163	ng	95
49) Acenaphthylene	14.28	152	764837	39.865	ng	100
50) Dimethylphthalate	14.02	163	626954	37.796	ng	99
51) 2,6-Dinitrotoluene	14.13	165	143409	39.220	ng	99
52) Acenaphthene	14.62	154	452217	38.036	ng	99
53) 3-Nitroaniline	14.46	138	116828	29.496	ng	99
54) 2,4-Dinitrophenol	14.67	184	142775	66.894	ng	98
55) Dibenzofuran	14.96	168	748093	39.208	ng	99
56) 4-Nitrophenol	14.79	139	217496	74.613	ng	98
57) 2,4-Dinitrotoluene	14.92	165	201470	38.642	ng	100
58) Fluorene	15.61	166	609407	38.055	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	193988	39.849	ng	98
60) Diethylphthalate	15.38	149	608411	37.619	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	336484	38.152	ng	98
62) 4-Nitroaniline	15.63	138	142963	34.208	ng	98
63) Azobenzene	15.89	77	518104	39.382	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	118085	43.148	ng	97
66) n-Nitrosodiphenylamine	15.81	169	558677	42.829	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	234642	41.595	ng	96
68) Hexachlorobenzene	16.62	284	244930	39.204	ng	98
69) Atrazine	16.76	200	201982	37.956	ng	99
70) Pentachlorophenol	16.96	266	264531	81.041	ng	100
71) Phenanthrene	17.34	178	979827	39.979	ng	99
72) Anthracene	17.44	178	1012776	41.884	ng	100
73) Carbazole	17.70	167	905627	39.668	ng	99
74) Di-n-butylphthalate	18.26	149	1026131	39.087	ng	99
75) Fluoranthene	19.35	202	1215967	38.553	ng	100
77) Benzidine	19.53	184	555108	49.702	ng	98
78) Pyrene	19.72	202	1213606	39.652	ng	99
80) Butylbenzylphthalate	20.60	149	468724	39.262	ng	97
81) Benzo(a)anthracene	21.53	228	1185594	39.575	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	384729	34.605	ng	99
83) Chrysene	21.60	228	1120554	38.885	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	653627	40.120	ng	99
85) Di-n-octyl phthalate	22.62	149	1142320	40.949	ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1424876	41.421	ng	100
88) Benzo(b)fluoranthene	23.67	252	1229036	41.096	ng	99
89) Benzo(k)fluoranthene	23.74	252	1173217	40.591	ng	99
90) Benzo(a)pyrene	24.50	252	1129091	40.456	ng	100
91) Dibenzo(a,h)anthracene	28.22	278	1171461	42.200	ng	98
92) Benzo(g,h,i)perylene	29.26	276	1192184	43.008	ng	98

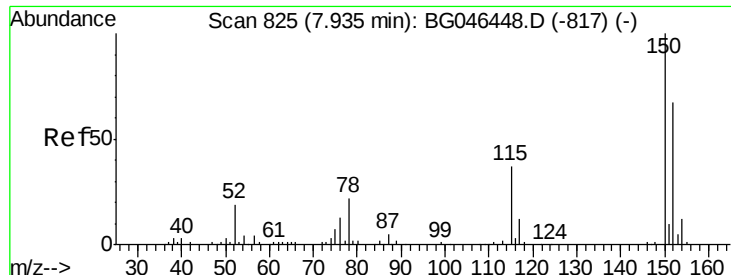
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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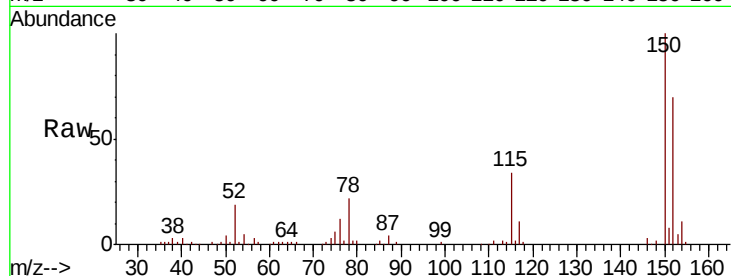


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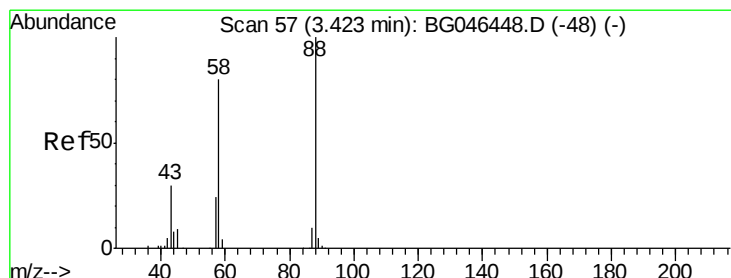
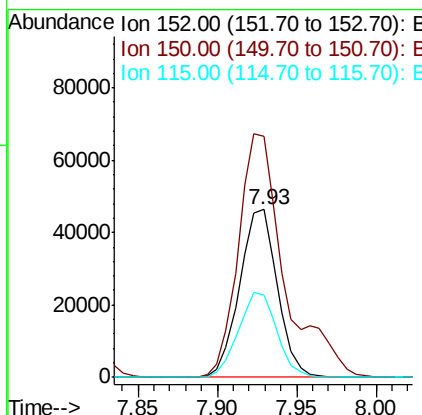
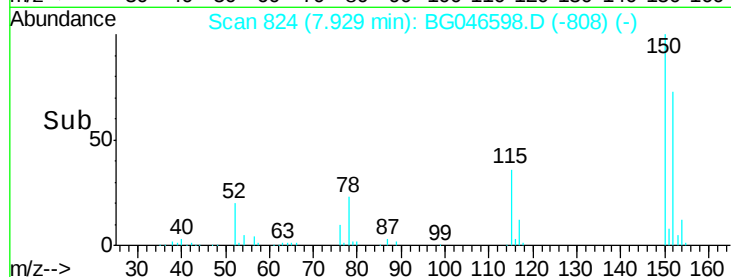
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion:152 Resp: 76646
Ion Ratio Lower Upper
152 100
150 143.7 119.5 179.3
115 49.4 44.3 66.5



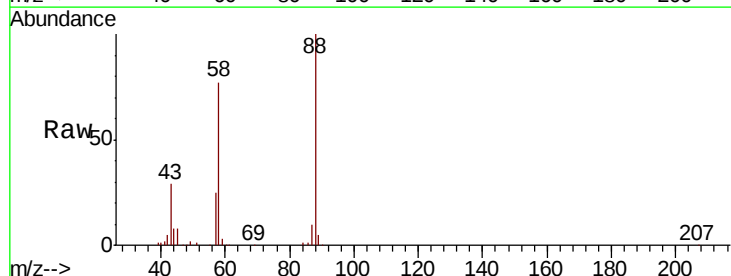
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



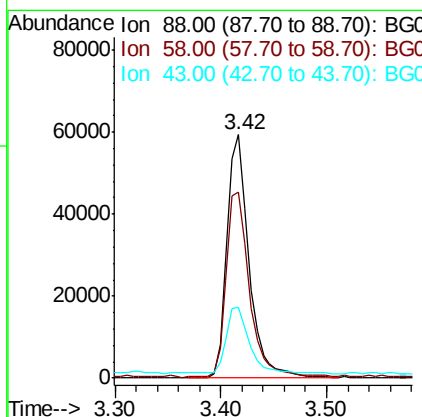
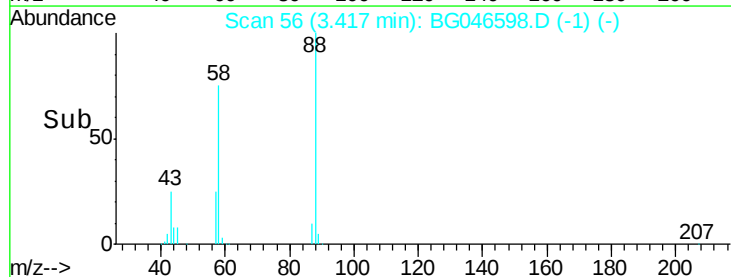
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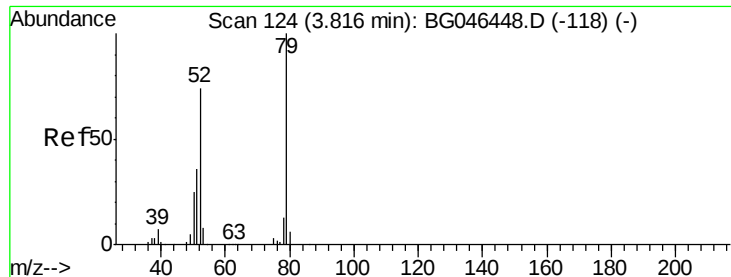
1,4-Dioxane
Concen: 47.801 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion: 88 Resp: 86059
Ion Ratio Lower Upper
88 100
58 80.8 61.4 92.2
43 27.2 21.6 32.4



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



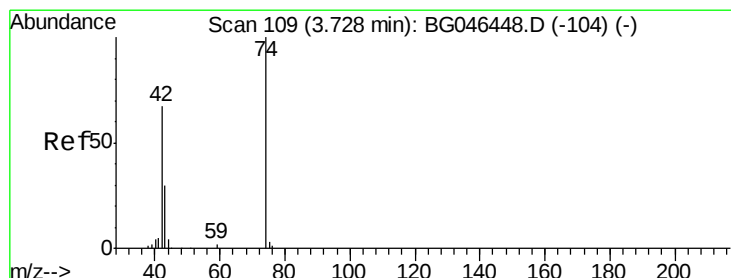
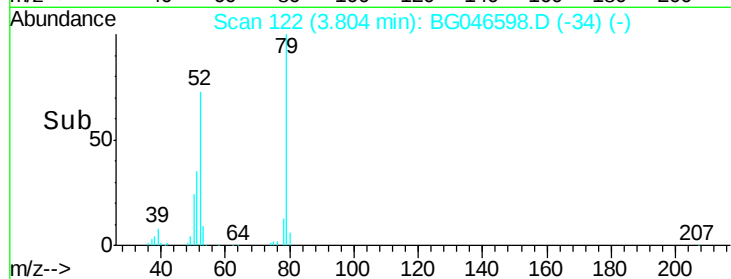
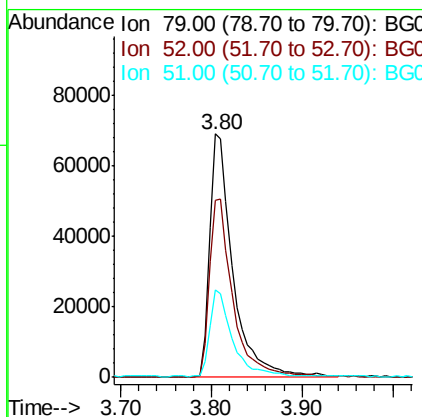
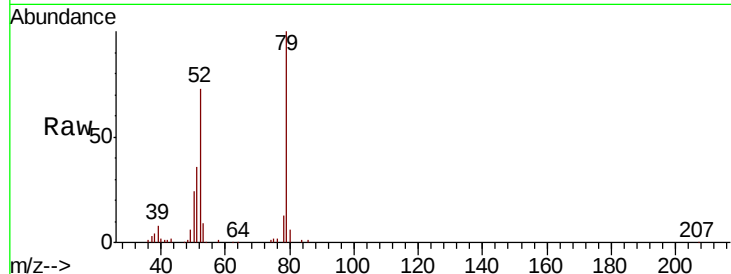


#3
 Pvridine
 Concen: 23.568 ng
 RT: 3.80 min Scan# 122
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion: 79 Resp: 124142

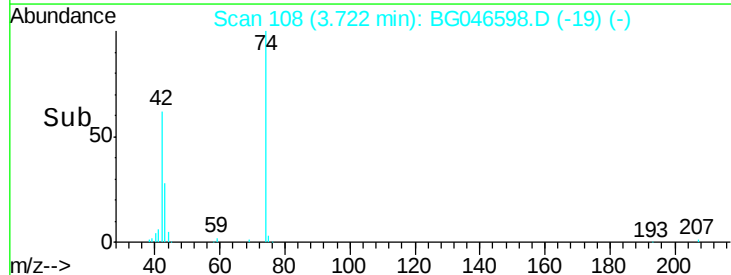
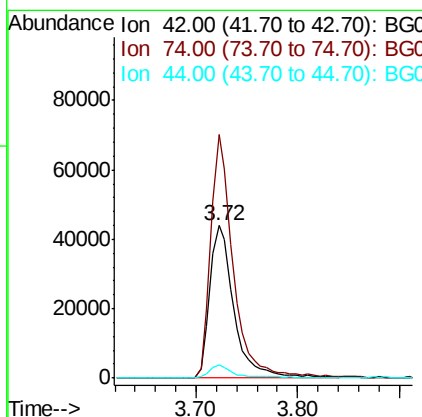
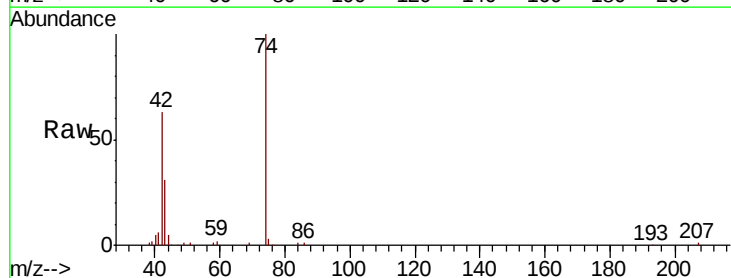
Ion	Ratio	Lower	Upper
79	100		
52	72.9	59.1	88.7
51	35.8	29.0	43.6

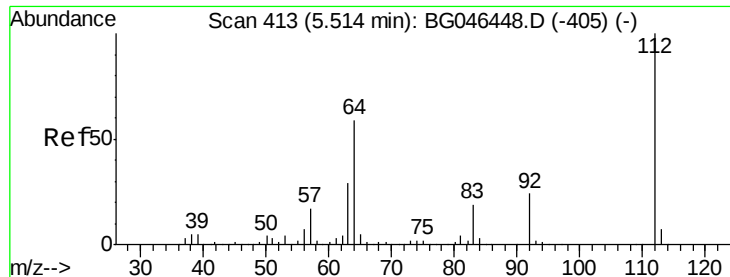


#4
 n-Nitrosodimethylamine
 Concen: 37.672 ng
 RT: 3.72 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion: 42 Resp: 73188

Ion	Ratio	Lower	Upper
42	100		
74	159.5	119.5	179.3
44	8.5	5.7	8.5





#5

2-Fluorophenol

Concen: 105.129 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

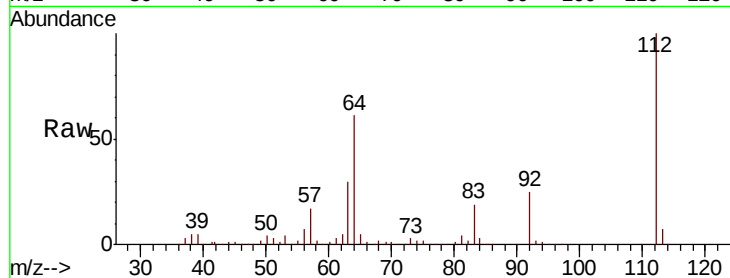
Tot Ion:112 Resp: 454934

Ion Ratio Lower Upper

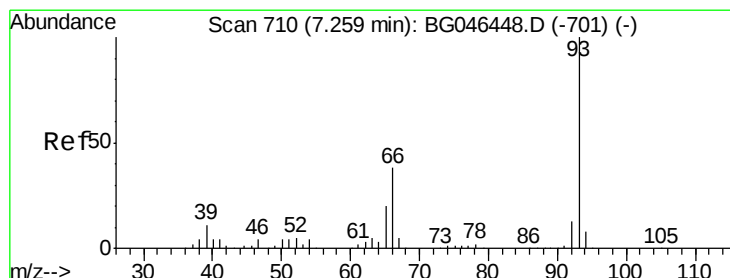
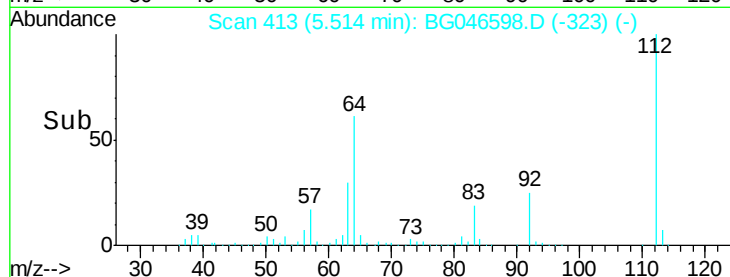
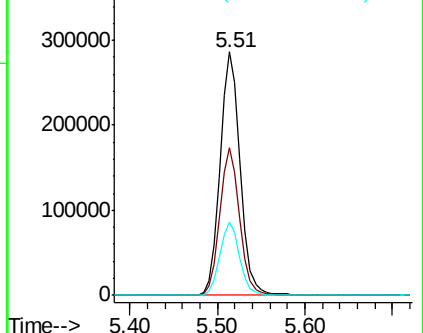
112 100

64 60.6 47.0 70.6

63 30.0 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: 35.920 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

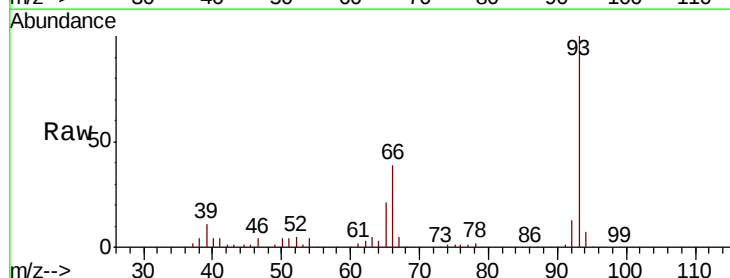
Tgt Ion: 93 Resp: 247961

Ion Ratio Lower Upper

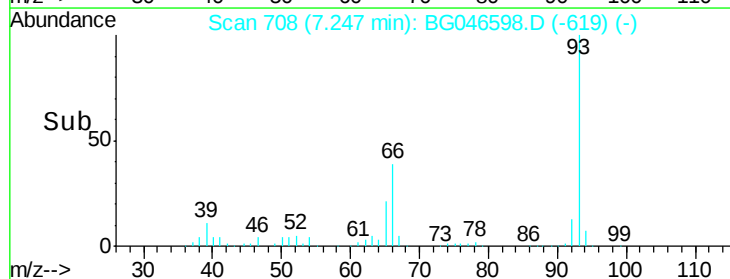
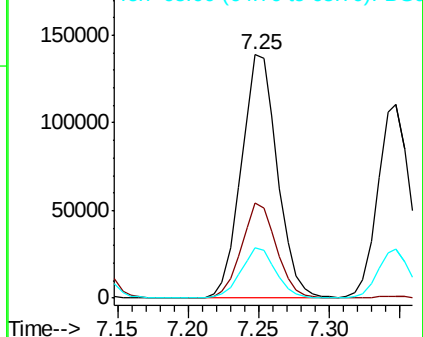
93 100

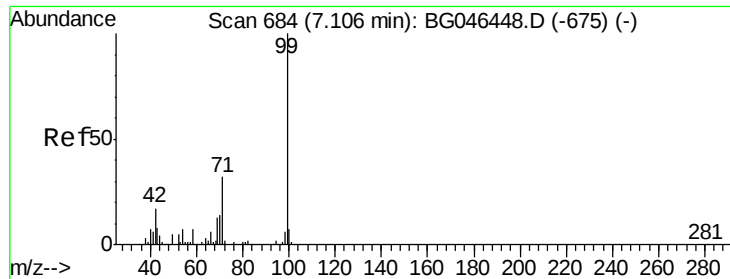
66 38.9 30.4 45.6

65 20.6 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: 97.251 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046598.D

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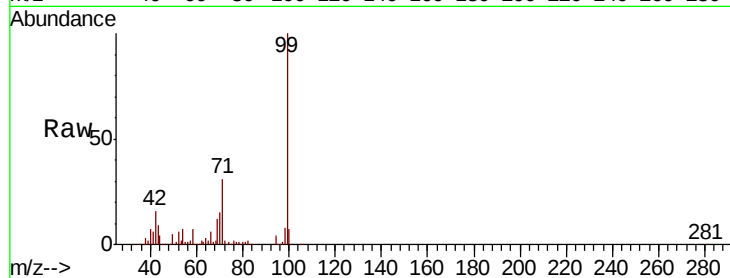
Tot Ion: 99 Resp: 596587

Ion Ratio Lower Upper

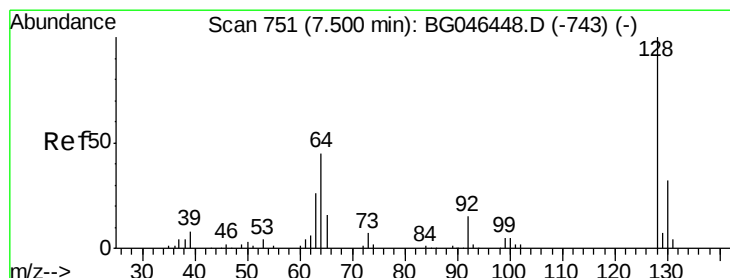
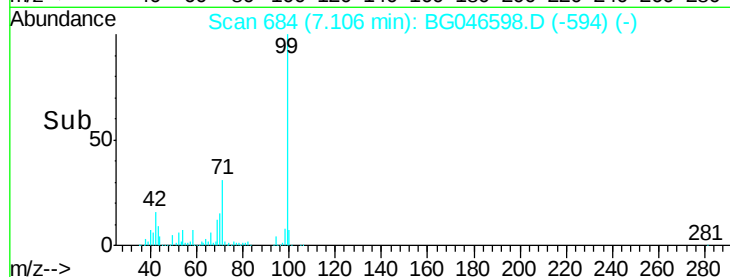
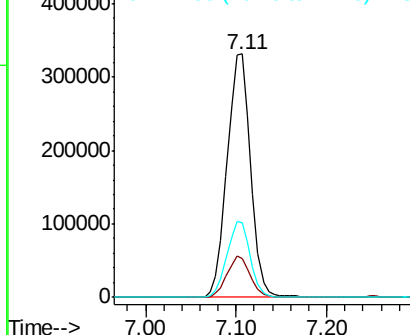
99 100

42 16.0 13.3 19.9

71 30.9 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: 43.128 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

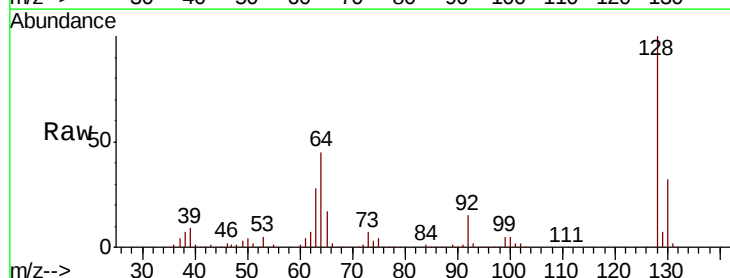
Tgt Ion: 128 Resp: 197251

Ion Ratio Lower Upper

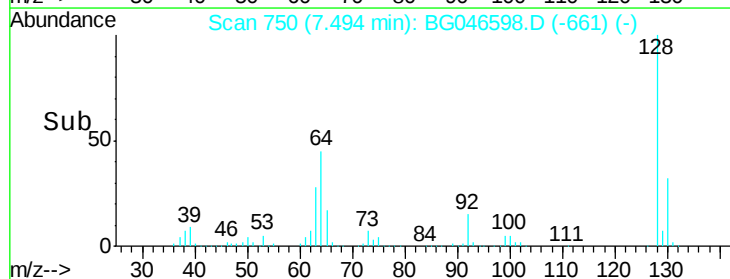
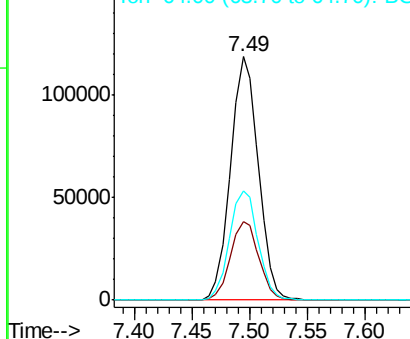
128 100

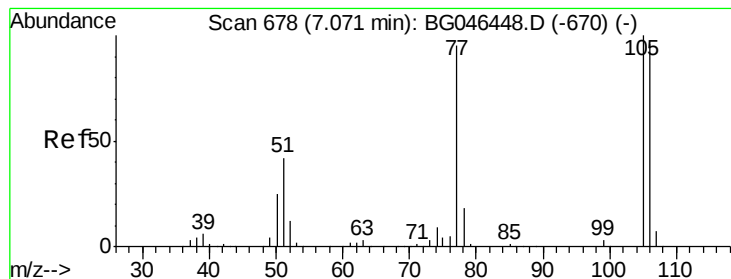
130 32.3 12.4 52.4

64 44.8 28.1 68.1



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





#9

Benzaldehyde

Concen: 36.582 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

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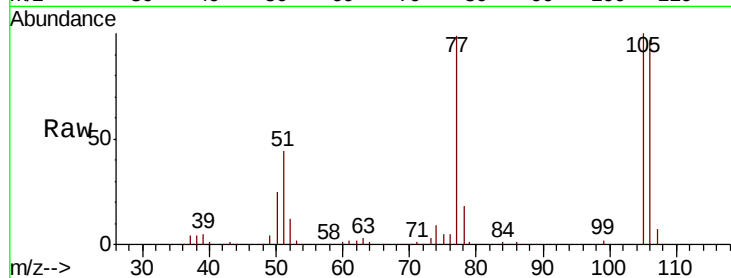
Tot Ion: 77 Resp: 125731

Ion Ratio Lower Upper

77 100

105 101.3 85.6 125.6

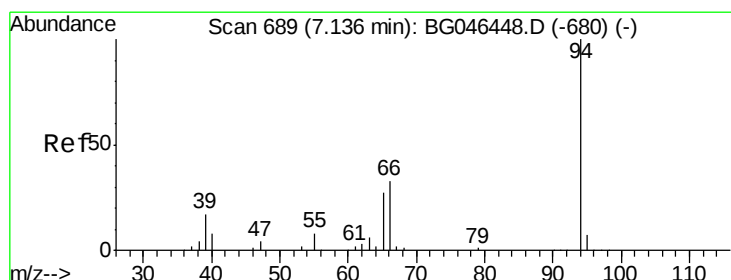
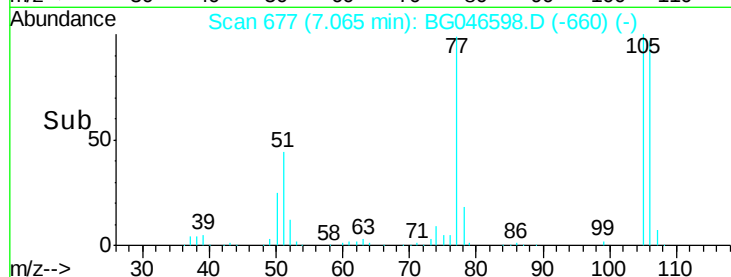
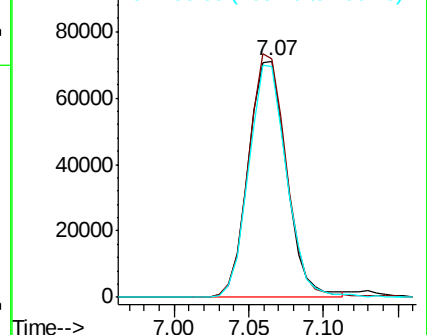
106 98.0 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.691 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

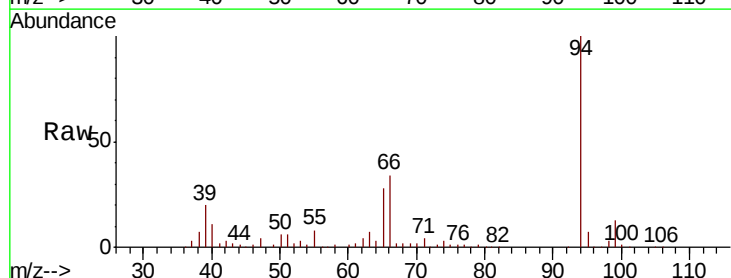
Tgt Ion: 94 Resp: 241214

Ion Ratio Lower Upper

94 100

65 28.2 7.5 47.5

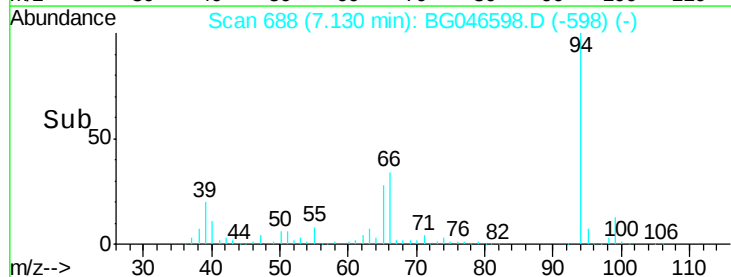
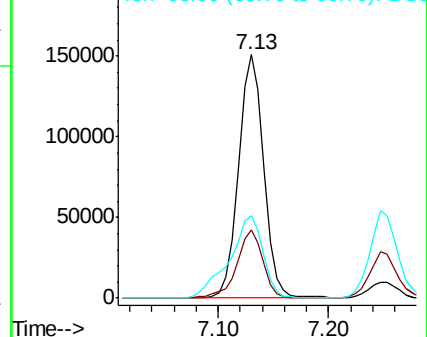
66 33.9 14.1 54.1

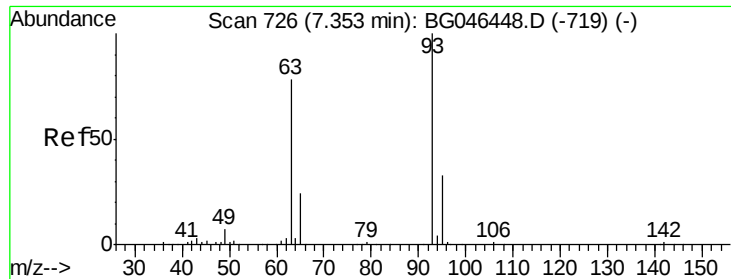


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

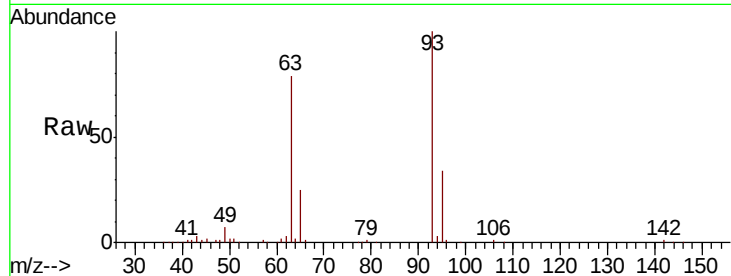




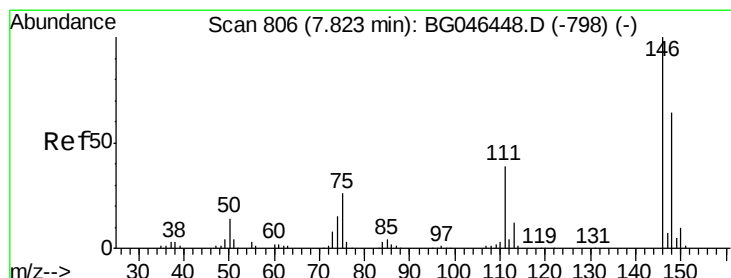
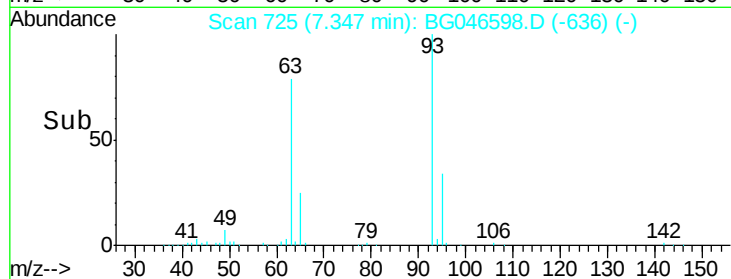
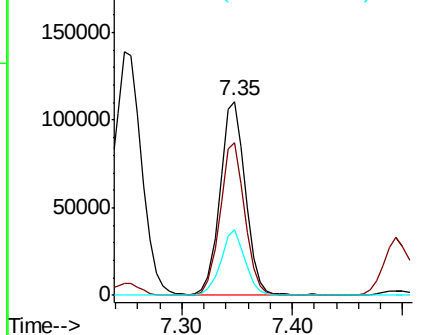
#11
 bis(2-Chloroethyl)ether
 Concen: 39.295 ng
 RT: 7.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion	93	Ratio	Lower	Upper
93	100			
63	79.0	57.7	97.7	
95	33.5	12.3	52.3	

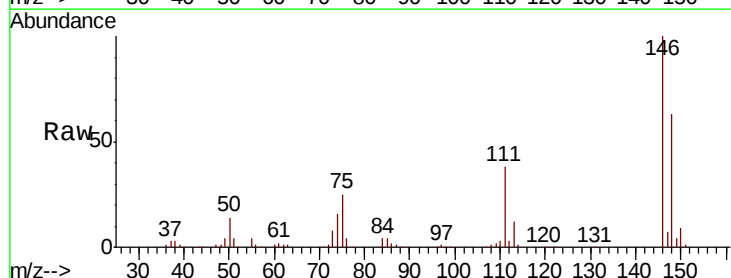


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

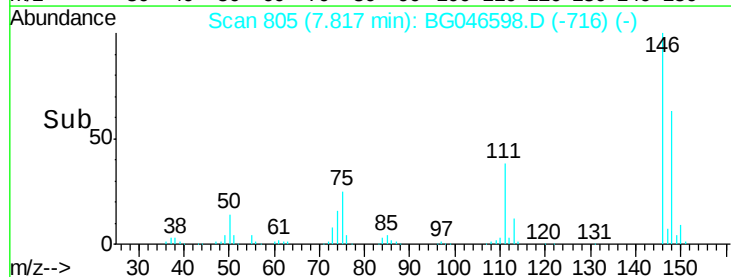
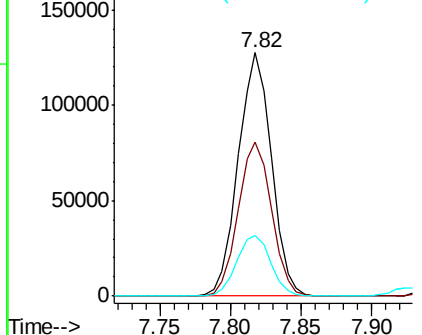


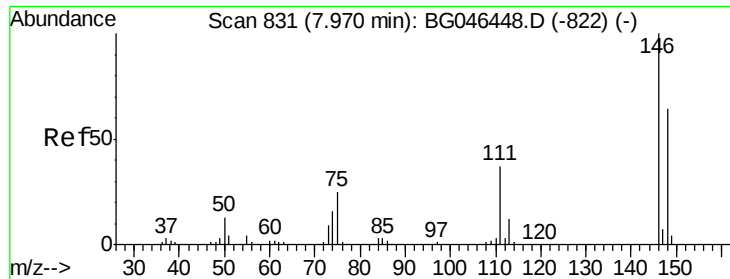
#12
 1,3-Dichlorobenzene
 Concen: 36.109 ng
 RT: 7.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	146	Ratio	Lower	Upper
146	100			
148	63.4	51.4	77.0	
75	25.1	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

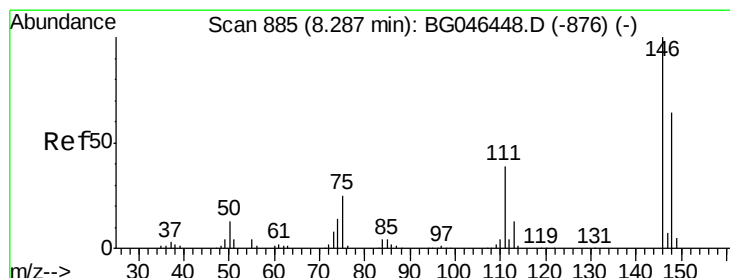
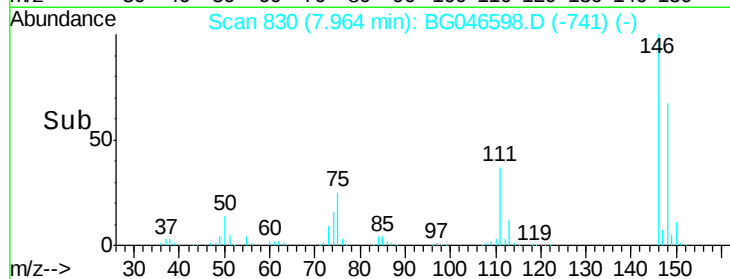
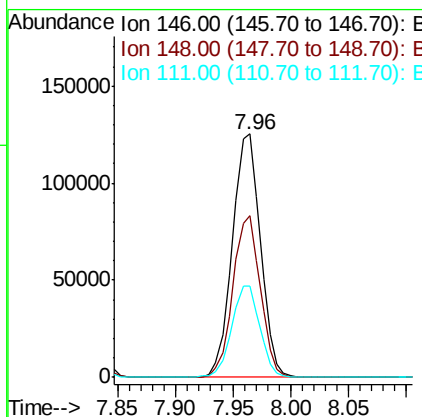
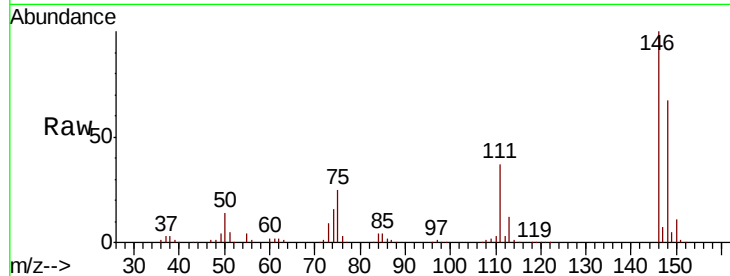




#13
 1,4-Dichlorobenzene
 Concen: 36.280 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

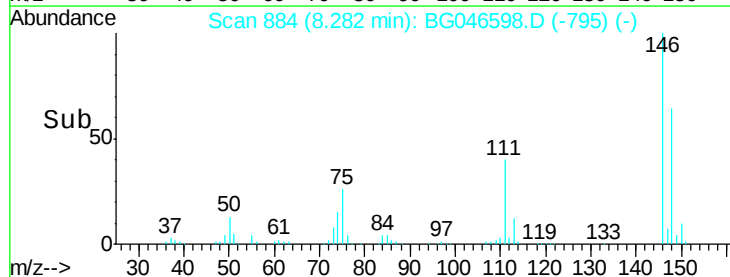
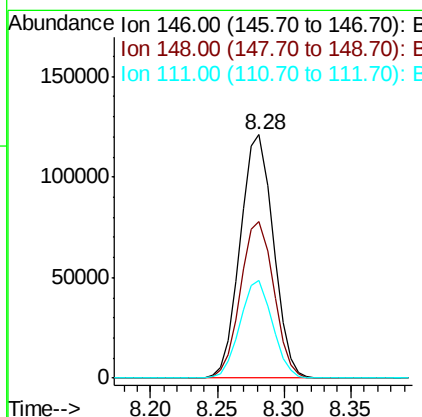
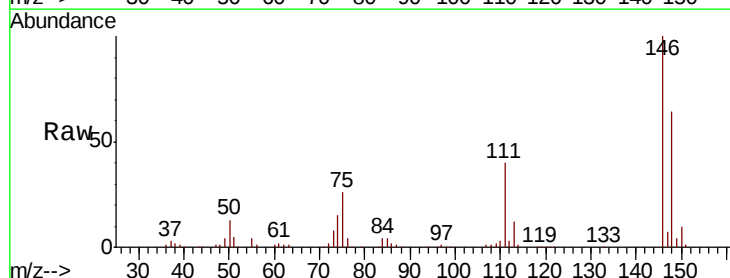
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

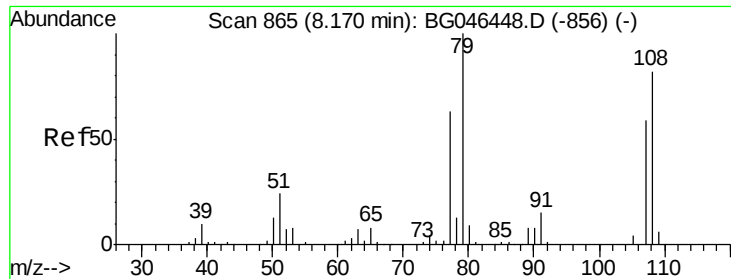
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	50.9	76.3
111	37.5	29.8	44.6



#14
 1,2-Dichlorobenzene
 Concen: 37.439 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
111	40.1	31.4	47.2

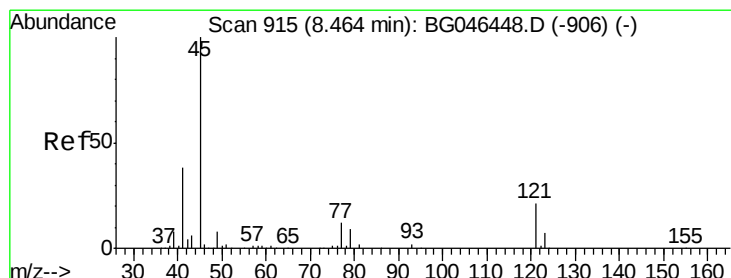
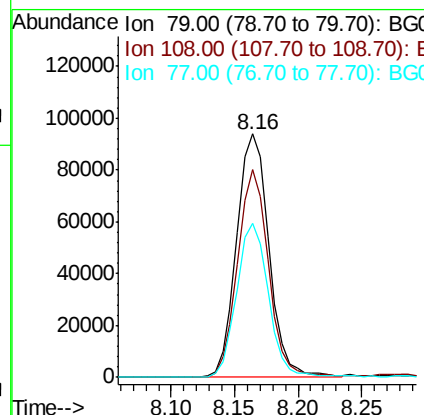
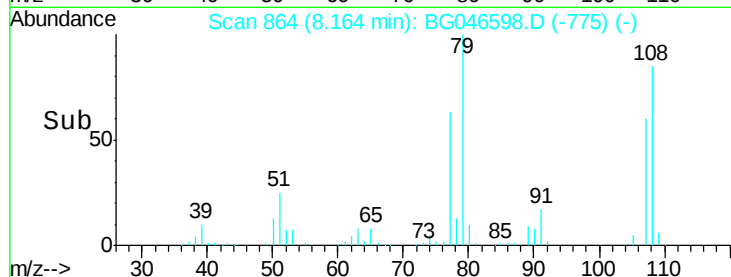
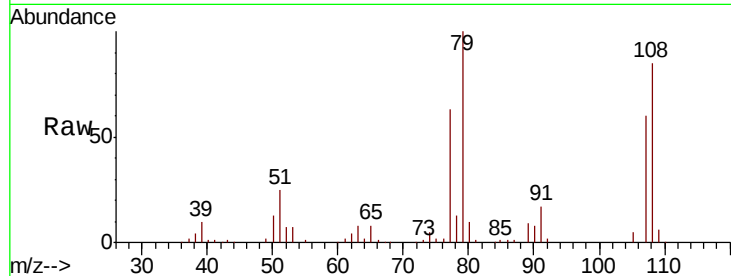




#15
Benzyl Alcohol
Concen: 42.127 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

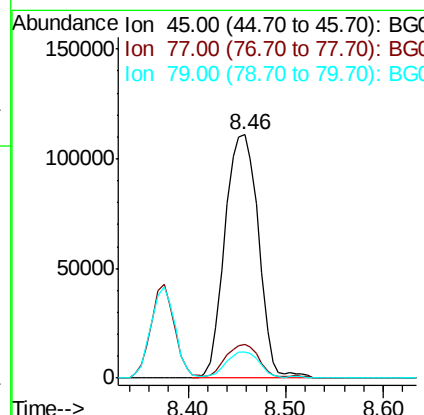
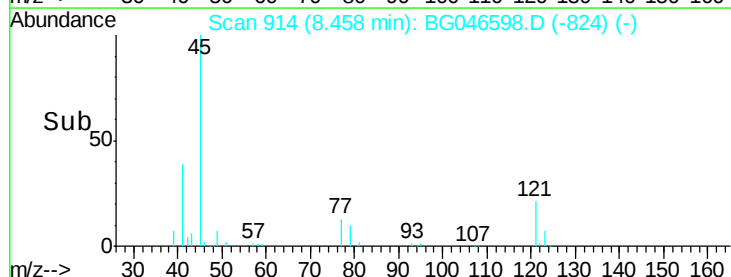
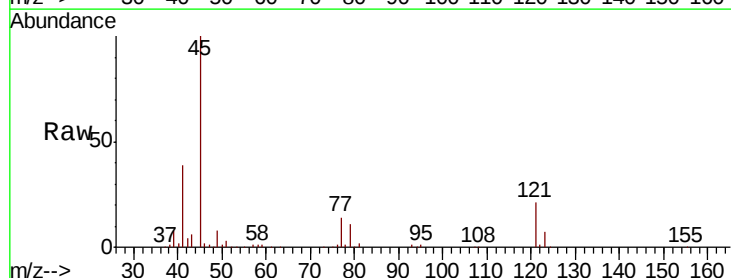
Instrument :
BNA_G
ClientSampleId :
PB131544BS

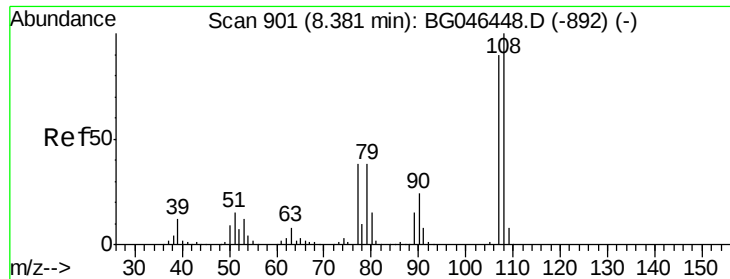
Tot Ion: 79 Resp: 165918
Ion Ratio Lower Upper
79 100
108 85.2 65.7 98.5
77 63.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.650 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion: 45 Resp: 265235
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.2
79 10.9 0.0 30.3





#17

2-Methylphenol

Concen: 42.980 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

Tot Ion:107 Resp: 172225

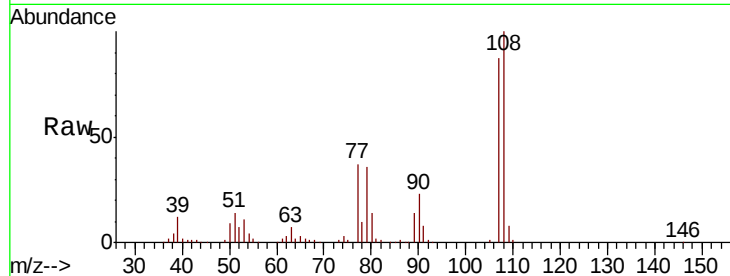
Ion Ratio Lower Upper

107 100

108 114.5 89.4 134.0

77 42.7 34.5 51.7

79 41.5 33.8 50.6

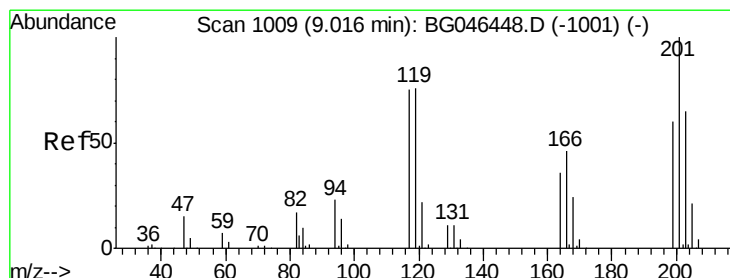
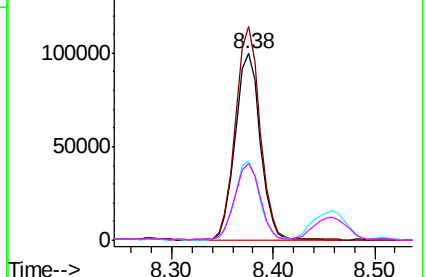
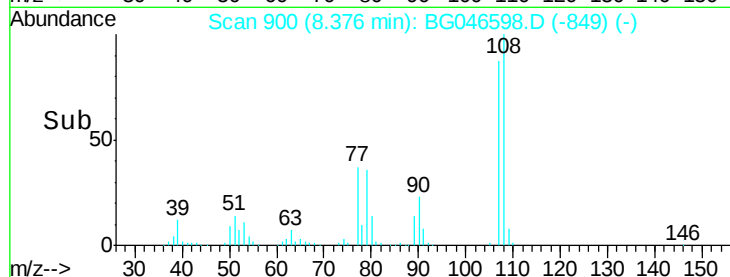


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.155 ng

RT: 9.01 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

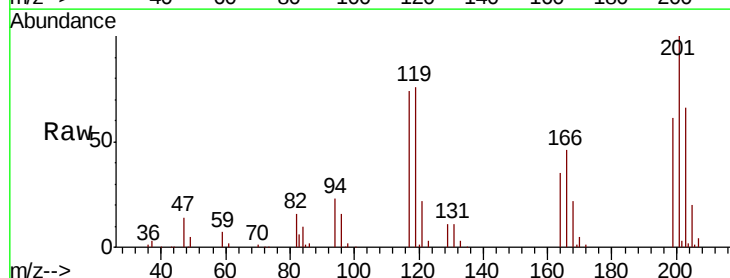
Tgt Ion:117 Resp: 71264

Ion Ratio Lower Upper

117 100

119 102.8 80.8 121.2

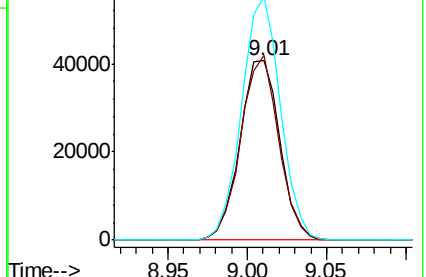
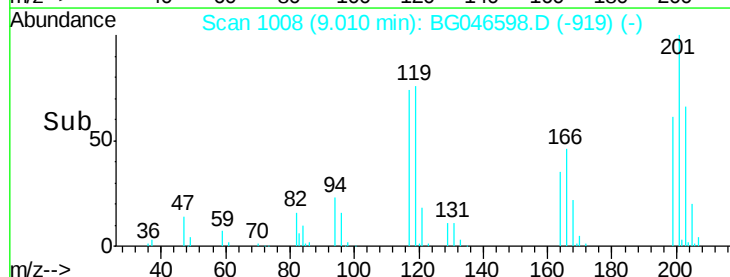
201 135.9 106.7 160.1

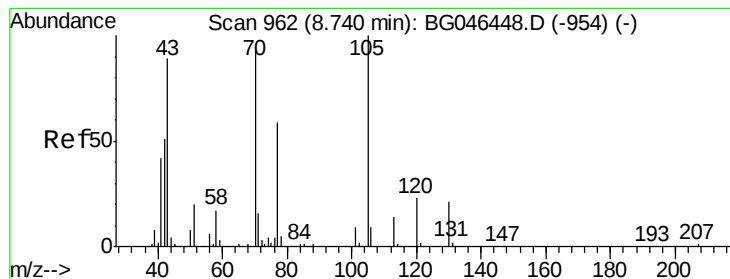


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.622 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

Tot Ion: 70 Resp: 145389

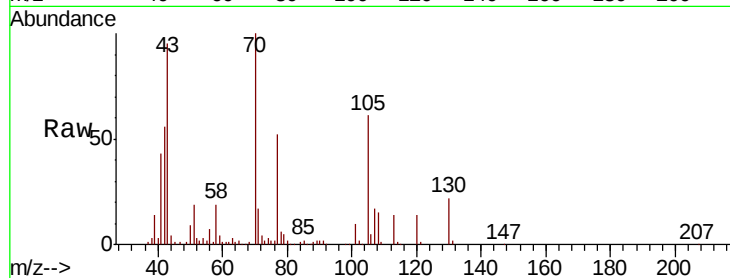
Ion Ratio Lower Upper

70 100

42 56.5 44.2 66.2

101 9.8 7.8 11.8

130 22.0 18.2 27.4

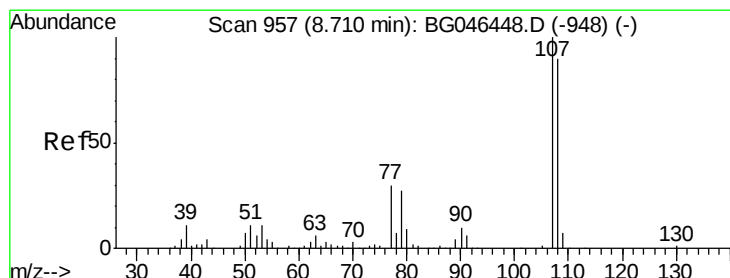
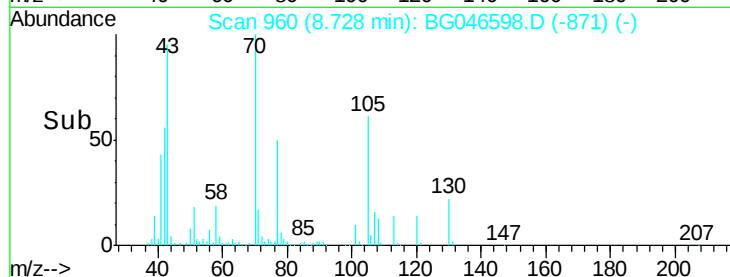
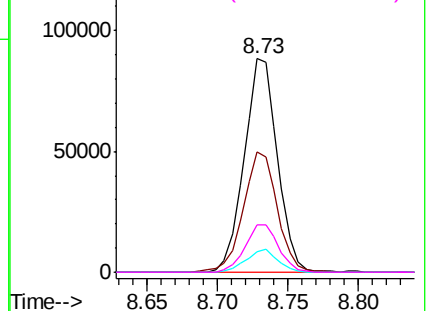


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.657 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion: 107 Resp: 235929

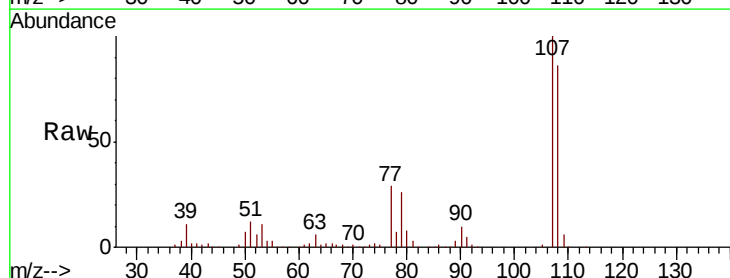
Ion Ratio Lower Upper

107 100

108 85.8 69.7 109.7

77 29.0 9.7 49.7

79 25.7 6.9 46.9

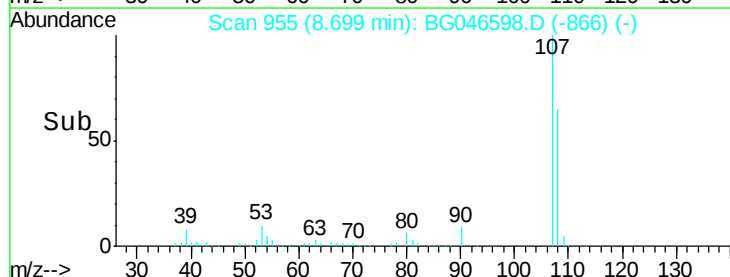
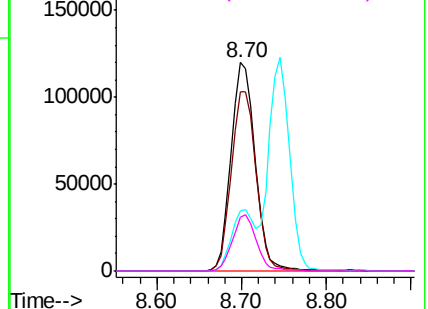


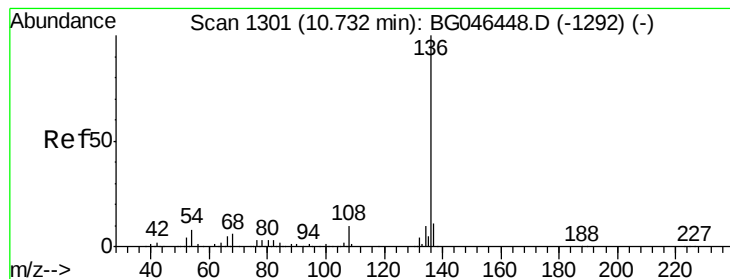
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

Tot Ion:136 Resp: 309960

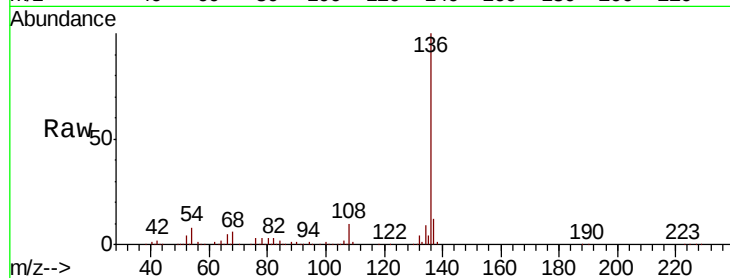
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 8.4 6.1 9.1

68 6.0 4.8 7.2

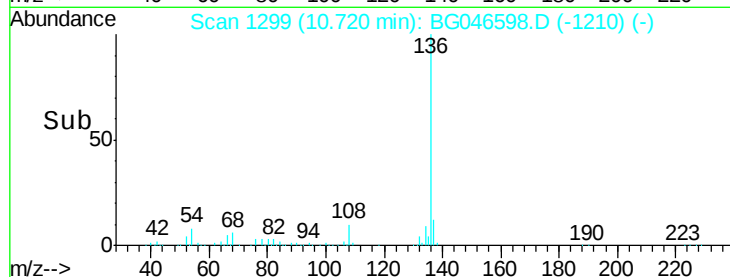


Abundance Ion 136.00 (135.70 to 136.70): E

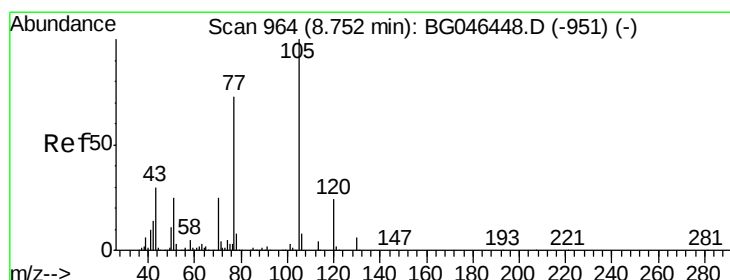
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.60 10.70 10.80



#22

Acetophenone

Concen: 36.925 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion:105 Resp: 278600

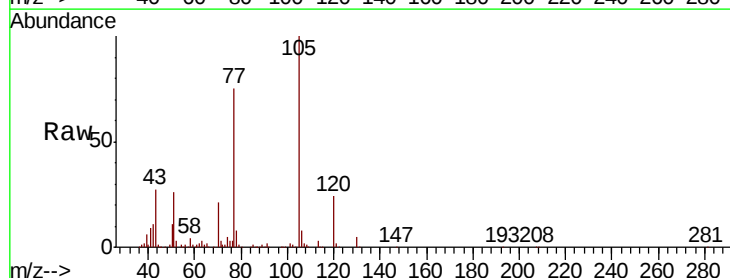
Ion Ratio Lower Upper

105 100

71 3.4 3.3 4.9

51 26.1 20.6 31.0

120 24.1 19.0 28.6

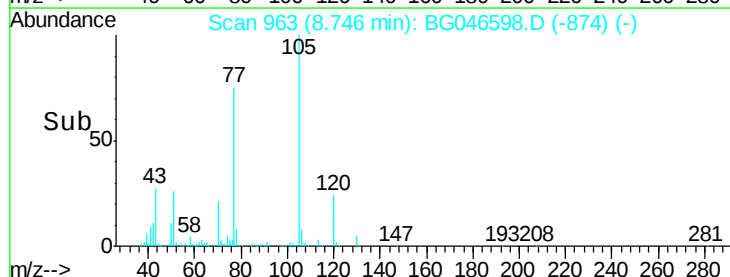


Abundance Ion 105.00 (104.70 to 105.70): E

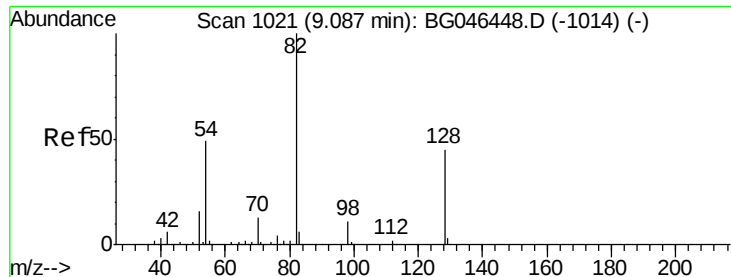
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



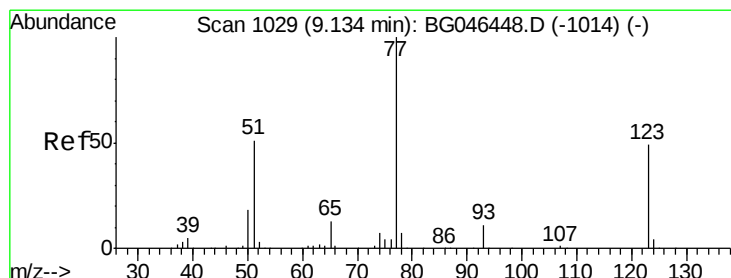
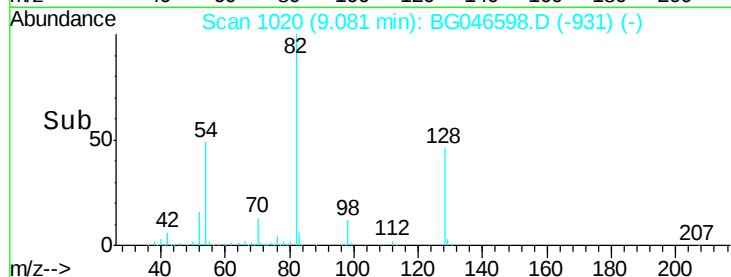
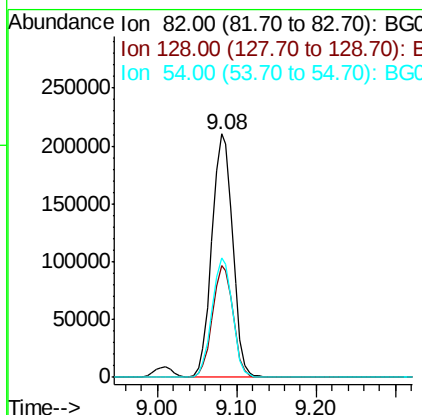
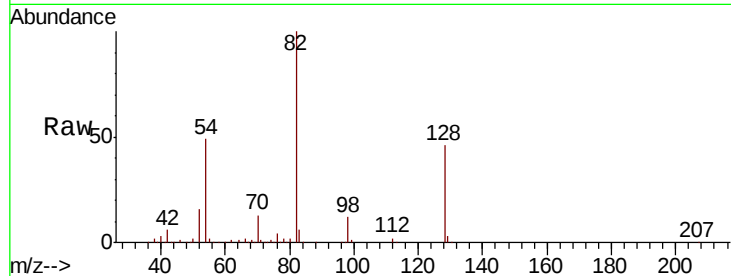
Time--> 8.60 8.70 8.80



#23
 Nitrobenzene-d5
 Concen: 70.585 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

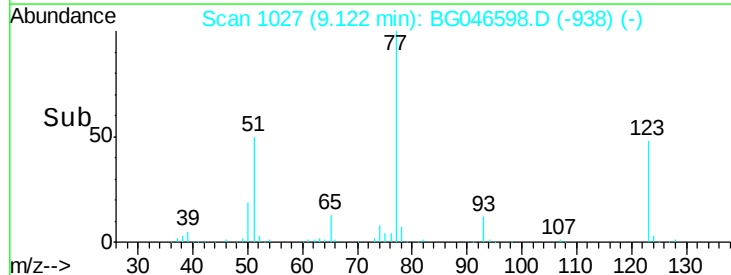
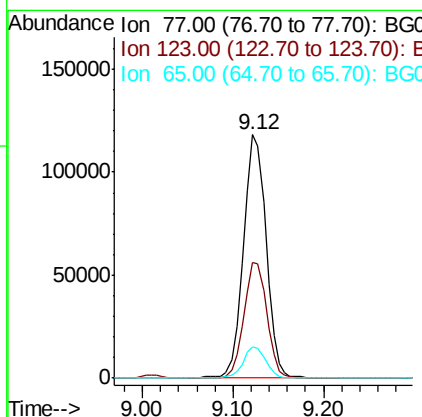
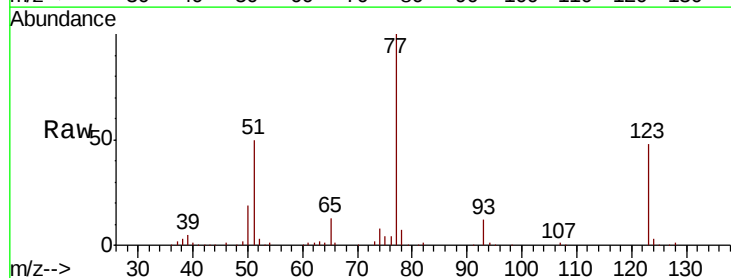
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

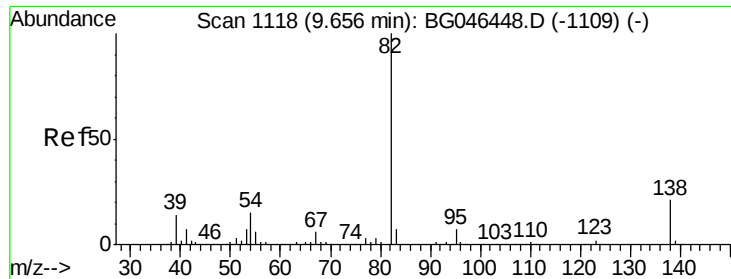
Tot Ion	82	Resp	382794
Ion Ratio	Lower	Upper	
82	100		
128	45.7	35.7	53.5
54	49.2	39.4	59.0



#24
 Nitrobenzene
 Concen: 38.300 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	77	Resp	205203
Ion Ratio	Lower	Upper	
77	100		
123	47.6	39.6	59.4
65	13.0	10.1	15.1





#25

Isophorone

Concen: 40.167 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

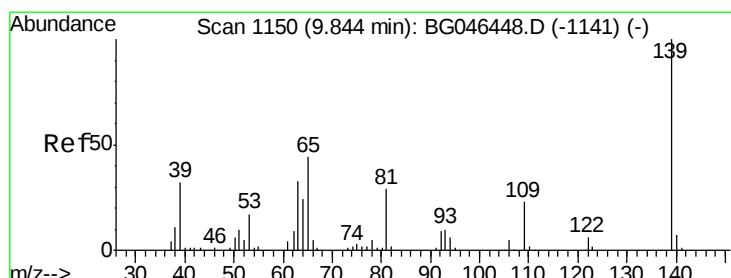
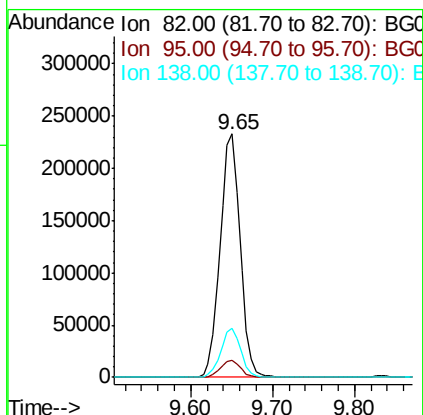
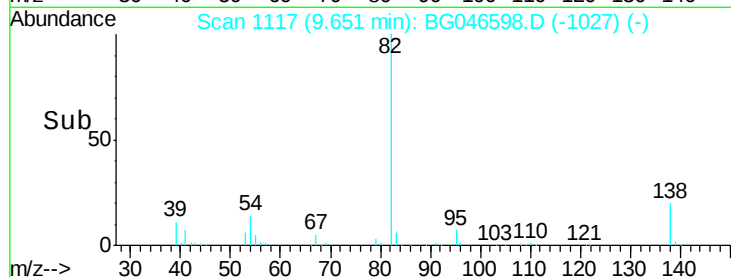
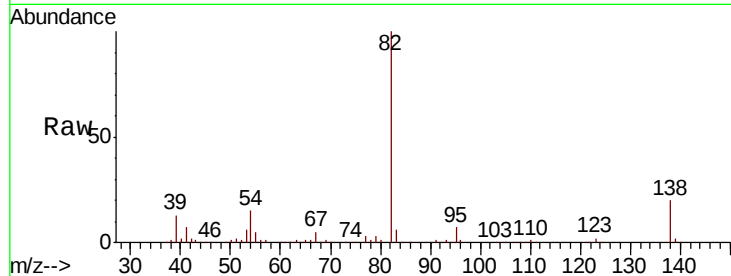
Tot Ion: 82 Resp: 399369

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 20.2 16.4 24.6



#26

2-Nitrophenol

Concen: 40.921 ng

RT: 9.83 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

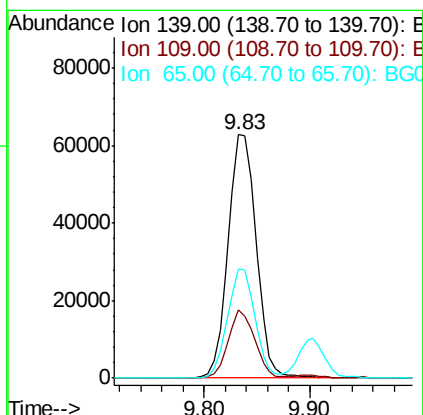
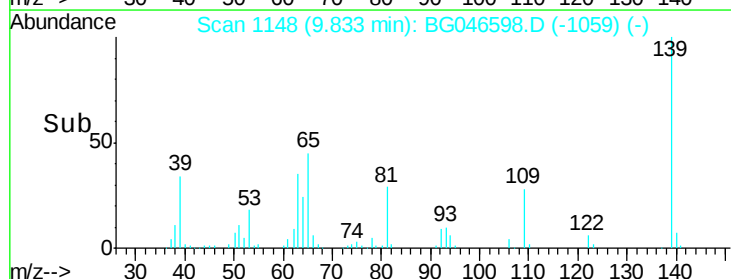
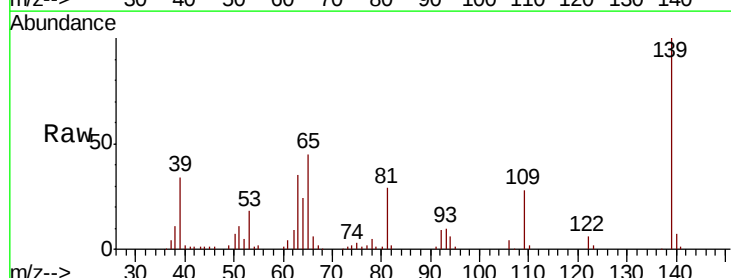
Tgt Ion: 139 Resp: 115676

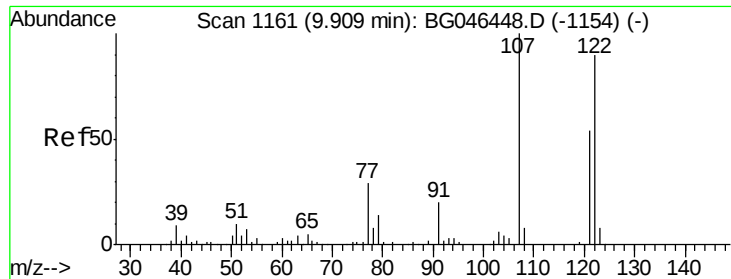
Ion Ratio Lower Upper

139 100

109 27.8 18.8 28.2

65 44.6 35.0 52.6

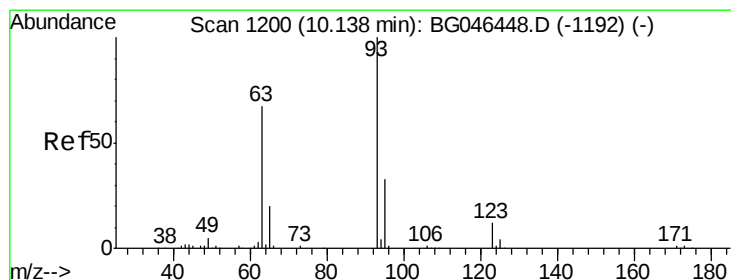
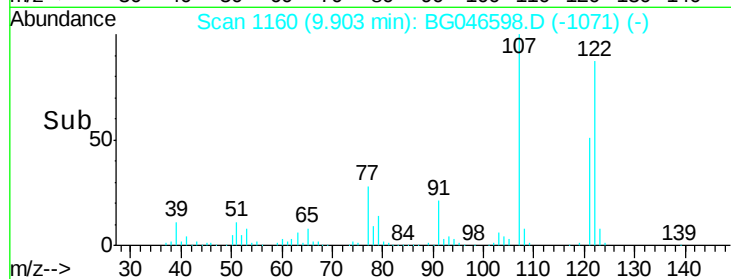
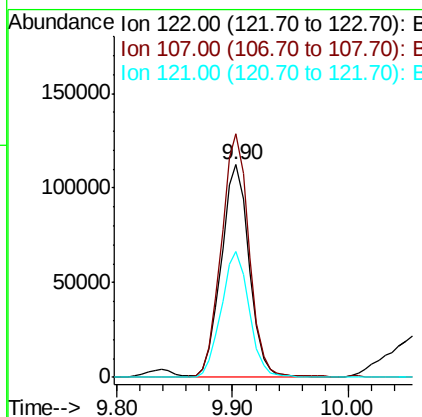
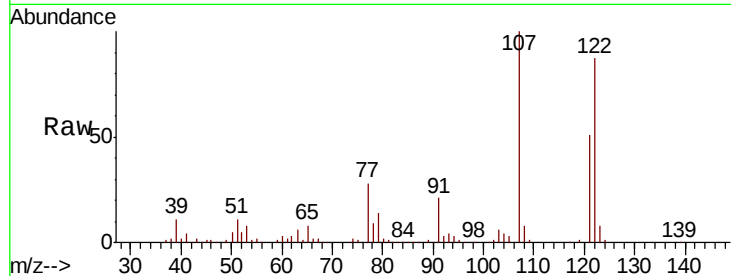




#27
 2,4-Dimethylphenol
 Concen: 48.240 ng
 RT: 9.90 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

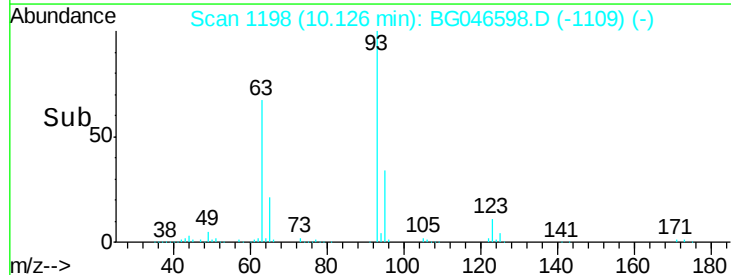
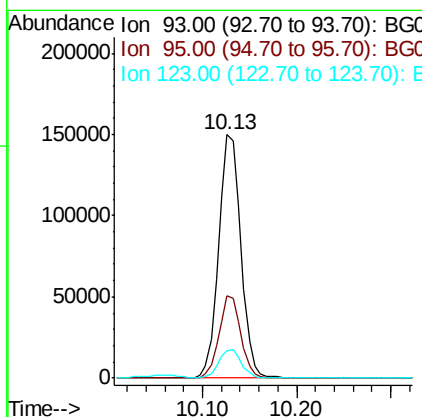
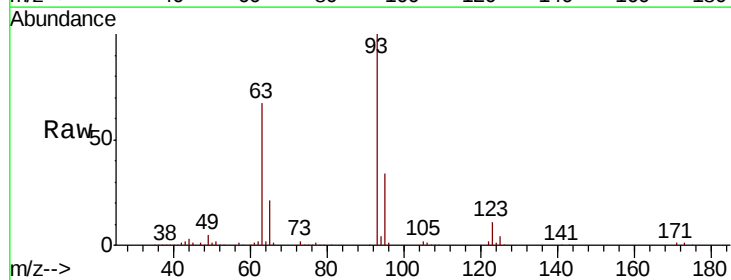
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

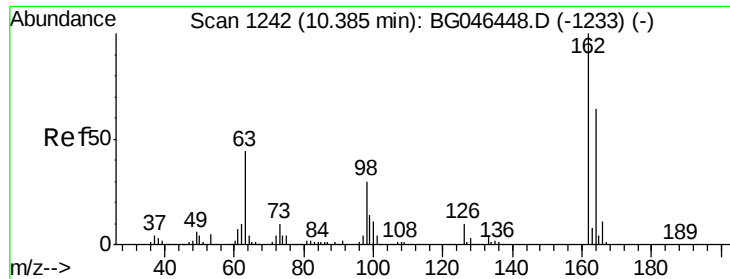
Tot Ion:122 Resp: 187555
 Ion Ratio Lower Upper
 122 100
 107 114.5 88.2 132.2
 121 58.9 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.718 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion: 93 Resp: 247779
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.1 39.1
 123 11.4 9.5 14.3

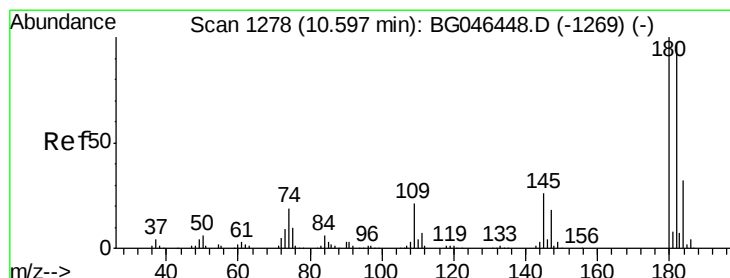
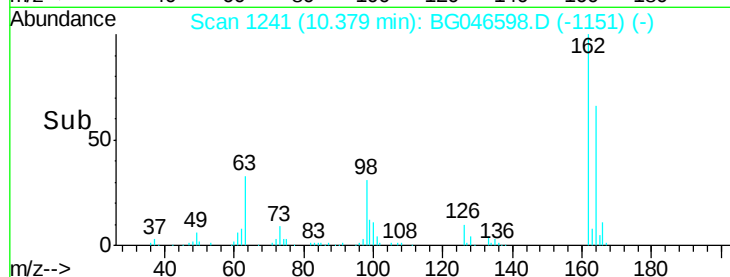
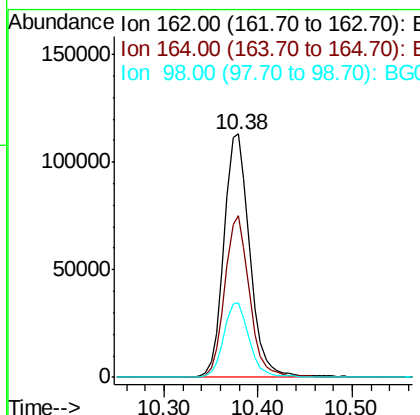
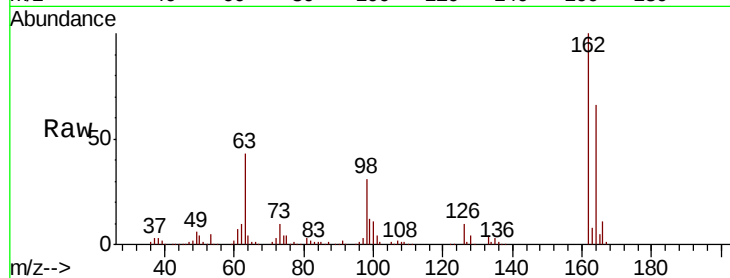




#29
 2,4-Dichlorophenol
 Concen: 41.683 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

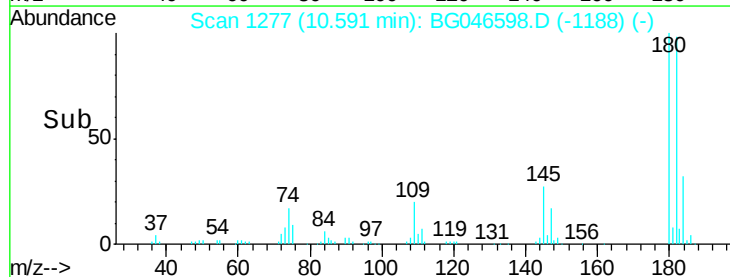
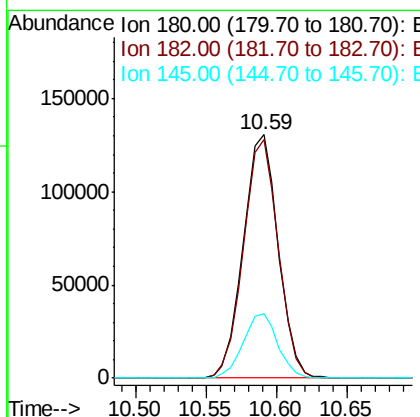
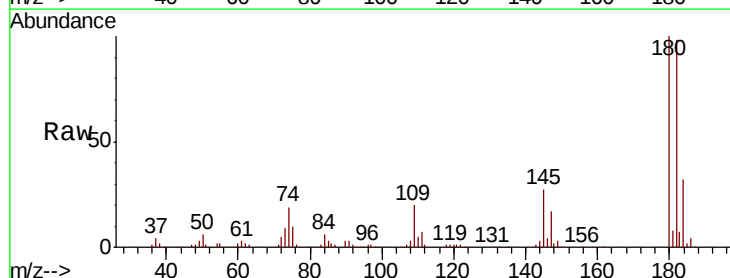
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

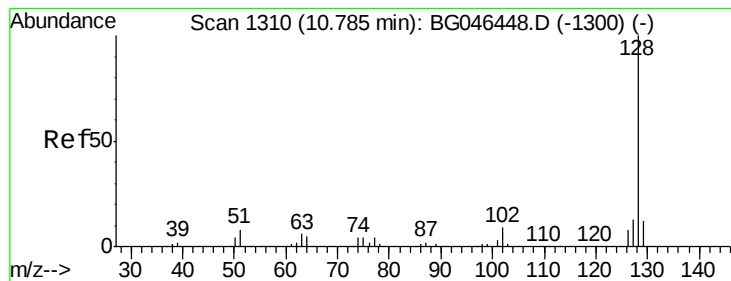
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	44.3	84.3
98	30.7	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.807 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.8	116.8
145	26.7	20.9	31.3





#31

Naphthalene

Concen: 38.806 ng

RT: 10.77 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

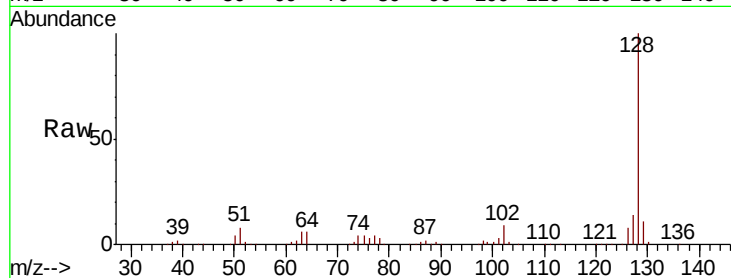
Tot Ion:128 Resp: 587303

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

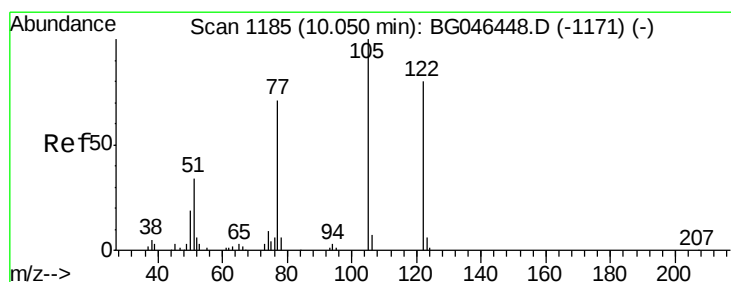
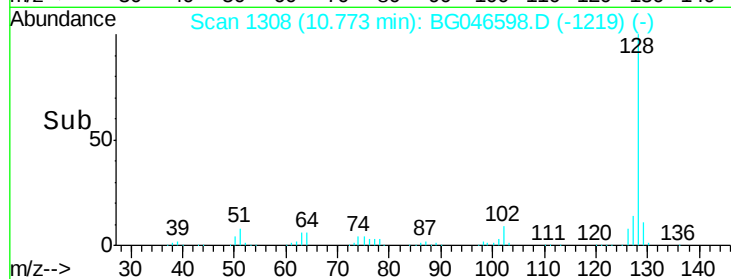
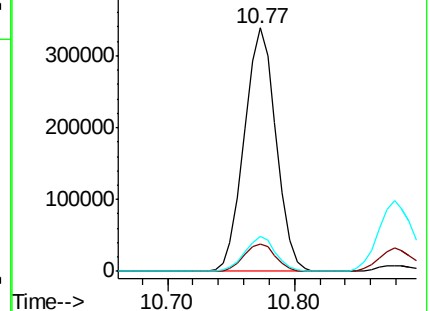
127 14.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.833 ng

RT: 10.06 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

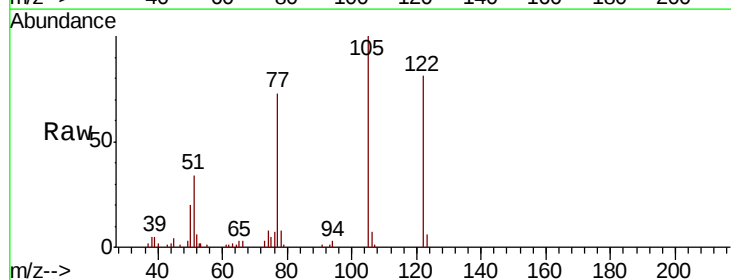
Tgt Ion:122 Resp: 72691

Ion Ratio Lower Upper

122 100

105 122.7 102.5 142.5

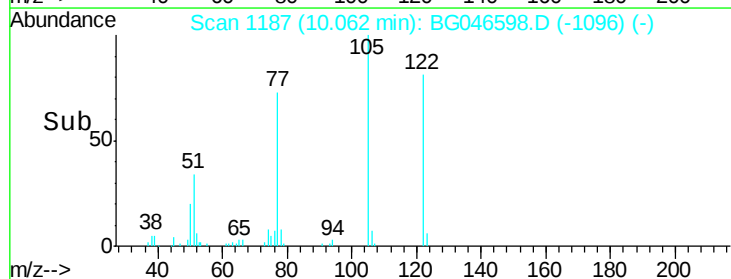
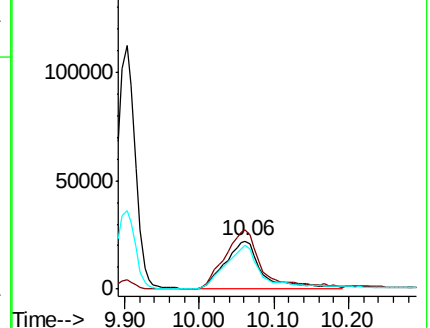
77 90.1 68.2 108.2

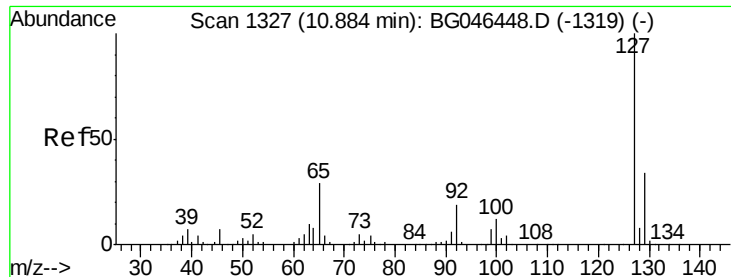


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

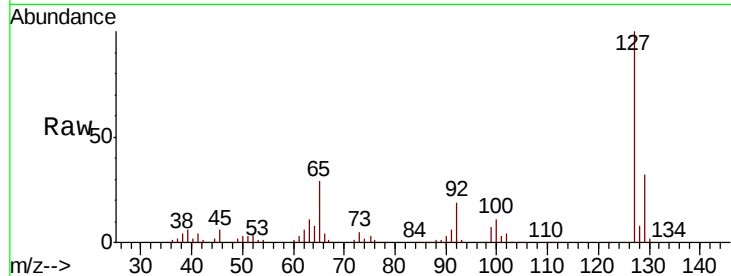




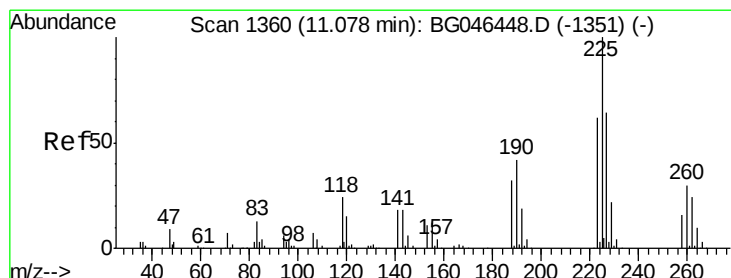
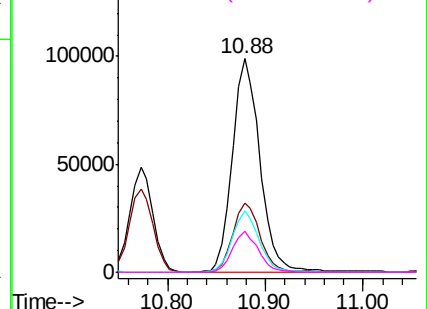
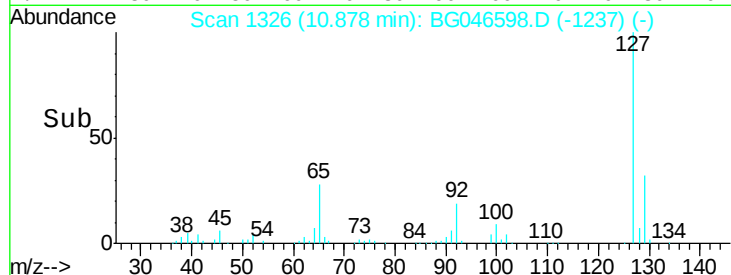
#33
4-Chloroaniline
Concen: 29.193 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion:127	Resp:	194818
Ion	Ratio	Lower Upper
127	100	
129	32.2	27.0 40.4
65	28.6	23.5 35.3
92	19.3	14.9 22.3

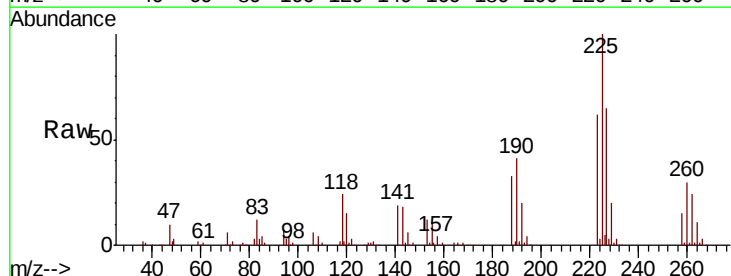


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

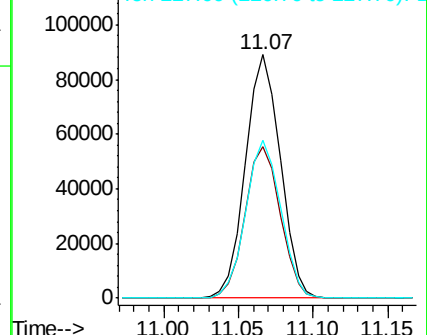
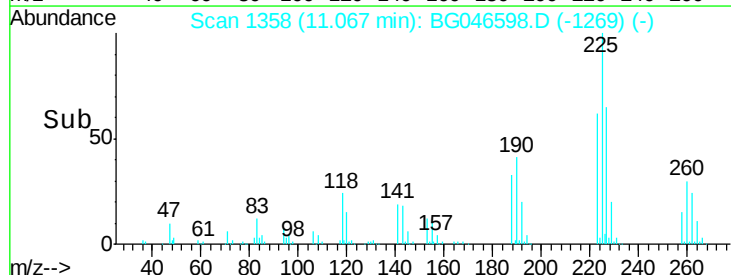


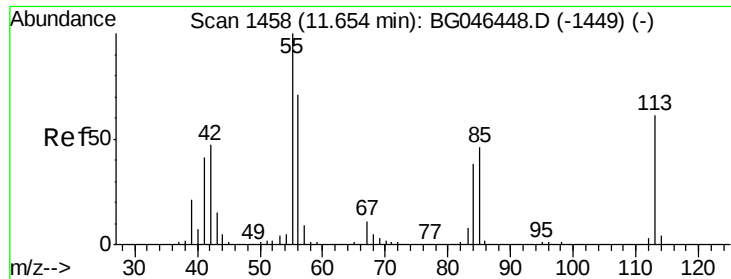
#34
Hexachlorobutadiene
Concen: 36.136 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion:225	Resp:	144256
Ion	Ratio	Lower Upper
225	100	
223	62.1	49.9 74.9
227	65.1	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

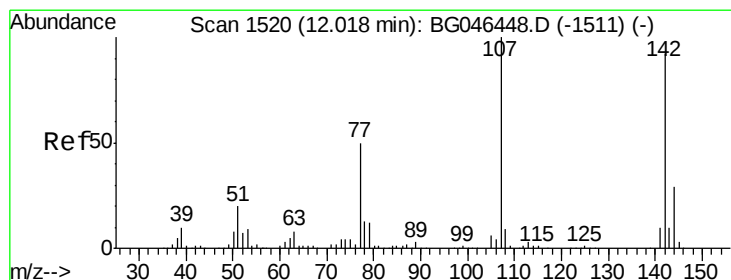
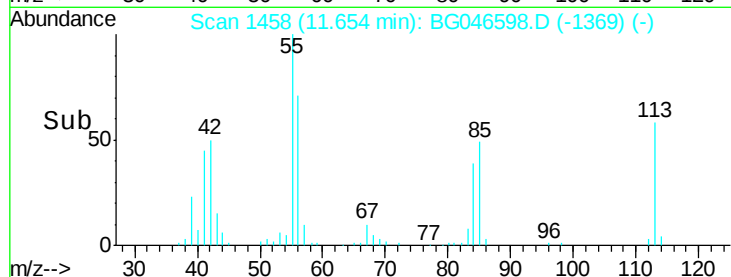
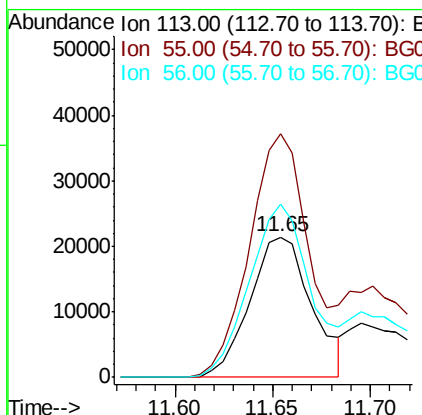
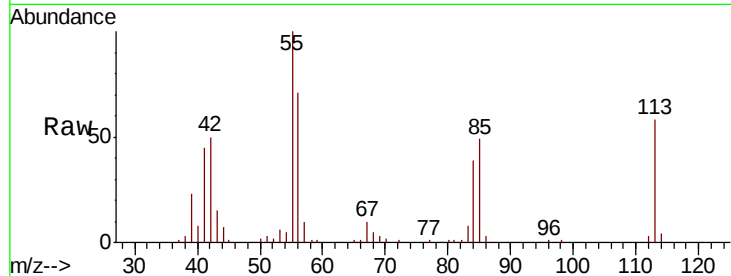




#35
 Caprolactam
 Concen: 24.182 ng
 RT: 11.65 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

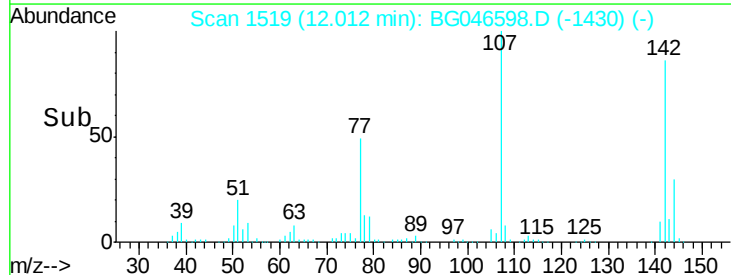
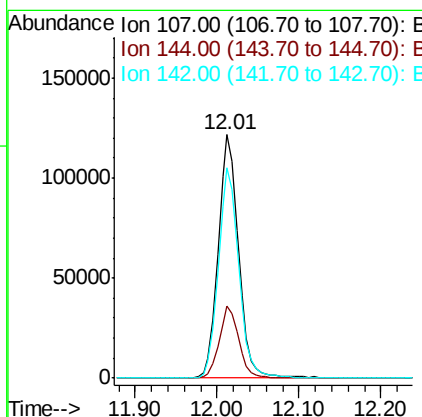
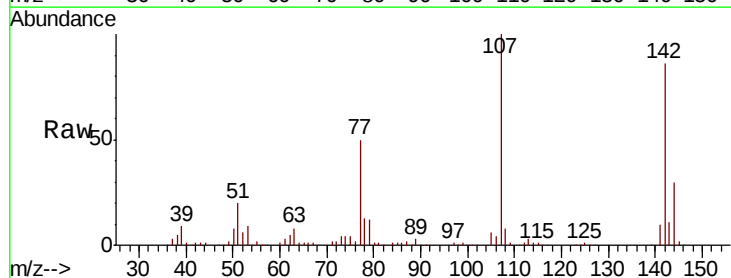
Instrument :
 BNA_G
 ClientSampleID :
 PB131544BS

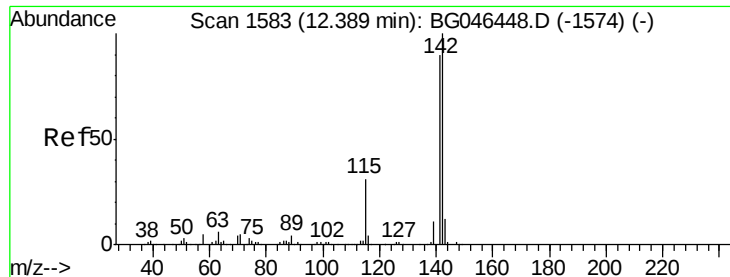
Tot Ion:113 Resp: 46850
 Ion Ratio Lower Upper
 113 100
 55 173.8 144.2 184.2
 56 123.4 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.590 ng
 RT: 12.01 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion:107 Resp: 210832
 Ion Ratio Lower Upper
 107 100
 144 29.7 23.3 34.9
 142 86.2 73.7 110.5

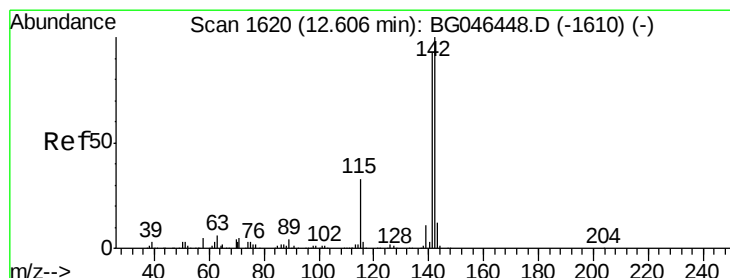
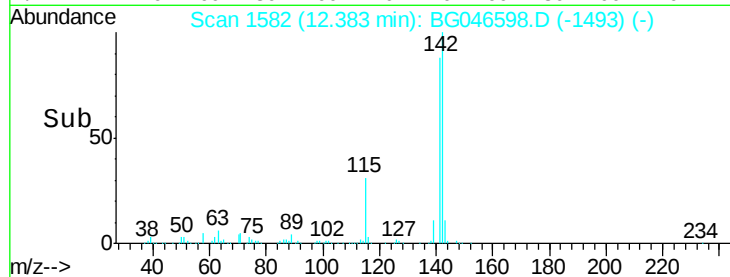
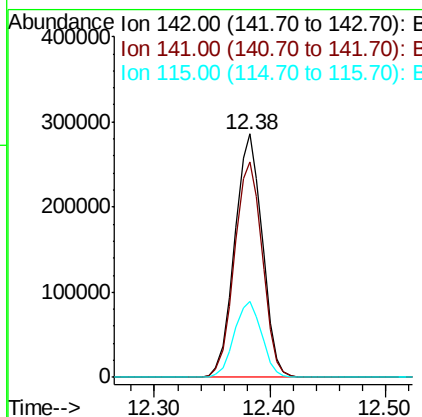
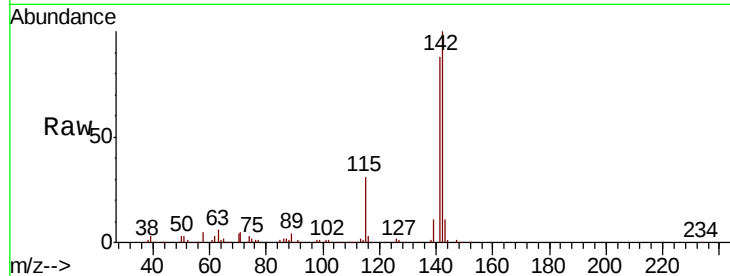




#37
 2-Methylnaphthalene
 Concen: 39.560 ng
 RT: 12.38 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

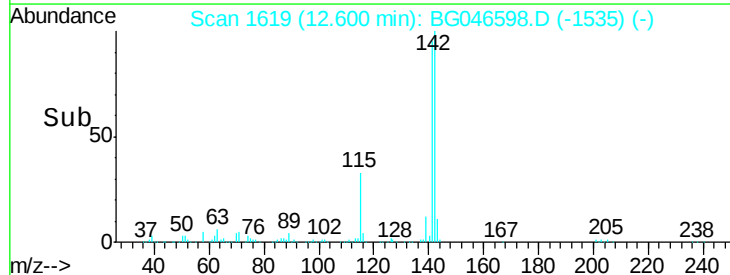
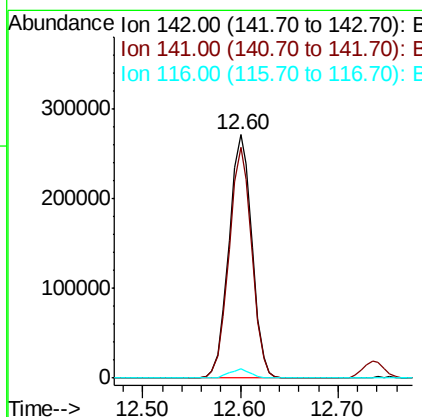
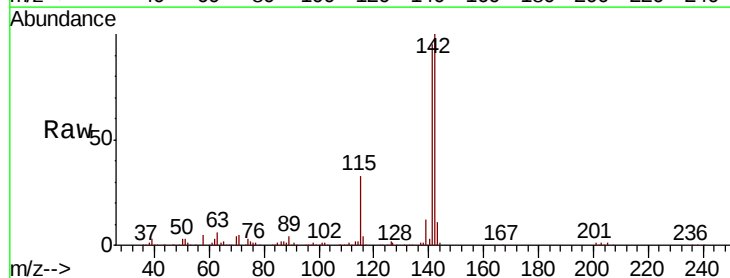
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

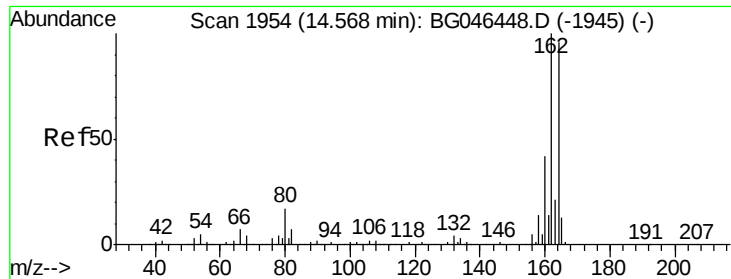
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.1	108.1
115	31.4	24.9	37.3



#38
 1-Methylnaphthalene
 Concen: 39.314 ng
 RT: 12.60 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	74.7	112.1
116	3.6	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: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

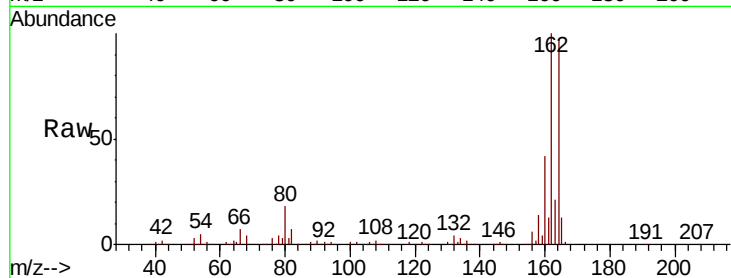
Tot Ion:164 Resp: 214411

Ion Ratio Lower Upper

164 100

162 102.8 83.3 124.9

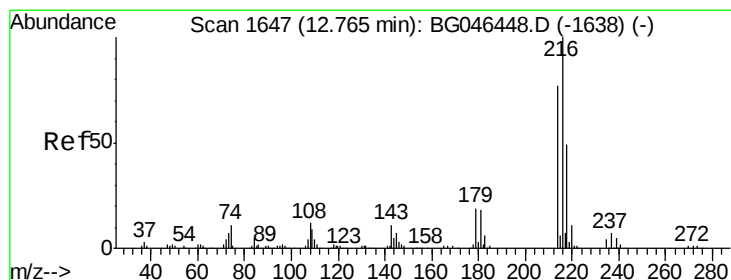
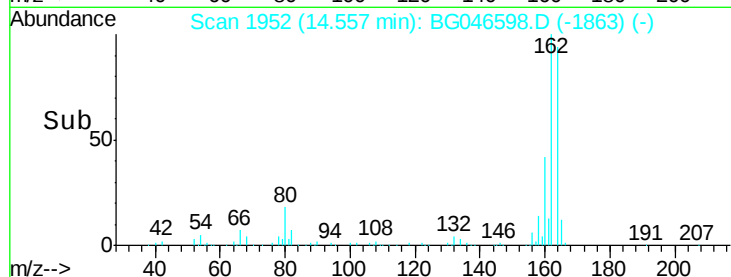
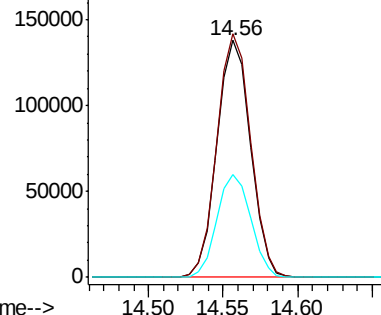
160 43.6 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.650 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion:216 Resp: 280348

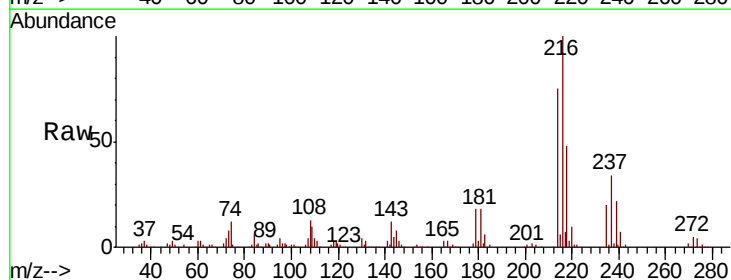
Ion Ratio Lower Upper

216 100

214 76.6 62.1 93.1

179 18.4 14.9 22.3

108 15.1 10.5 15.7

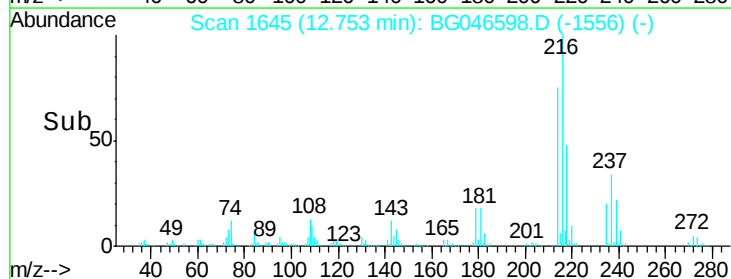
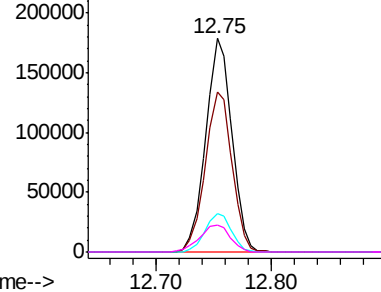


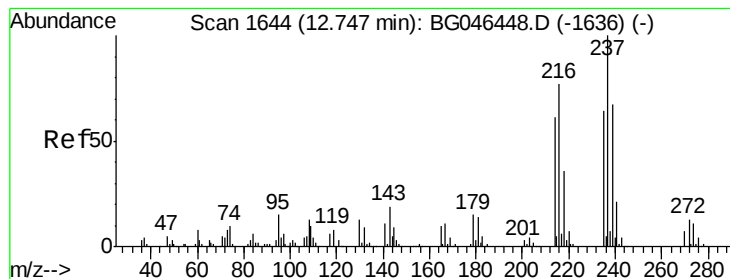
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 95.143 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

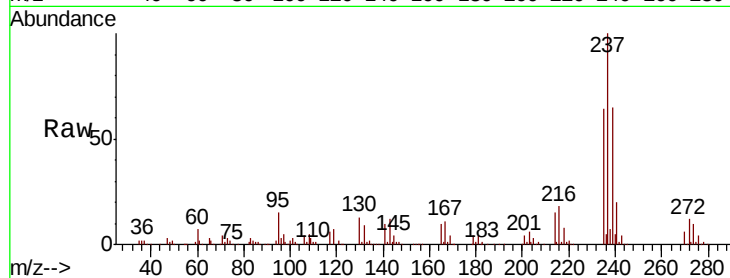
Tot Ion:237 Resp: 292508

Ion Ratio Lower Upper

237 100

235 64.2 44.5 84.5

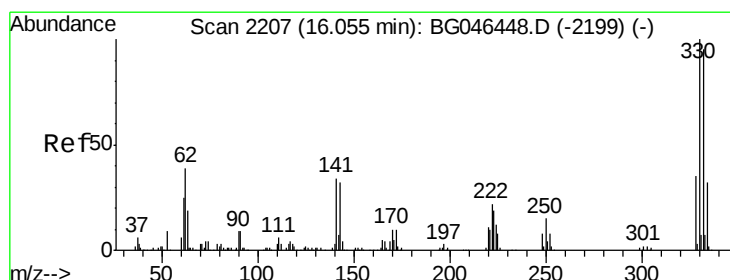
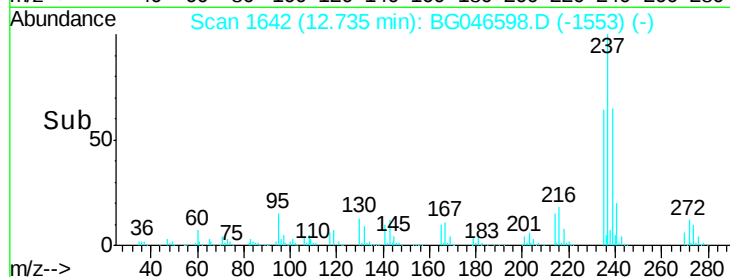
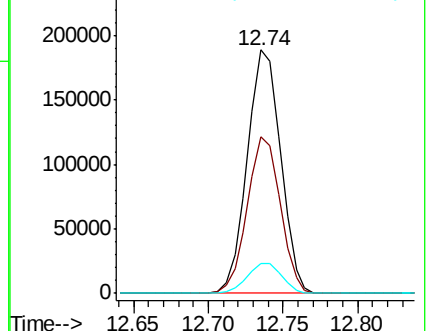
272 12.4 0.0 32.8



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: 92.910 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

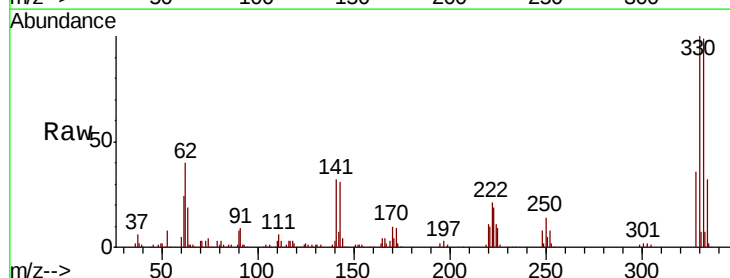
Tgt Ion:330 Resp: 269915

Ion Ratio Lower Upper

330 100

332 96.8 76.1 114.1

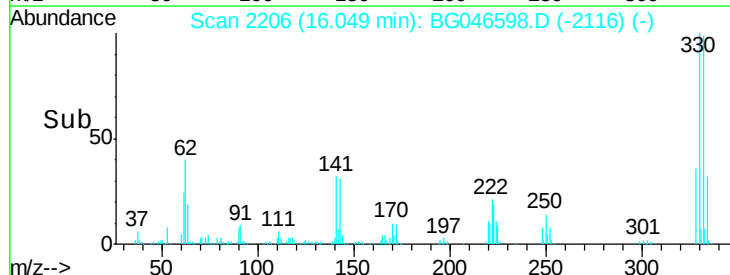
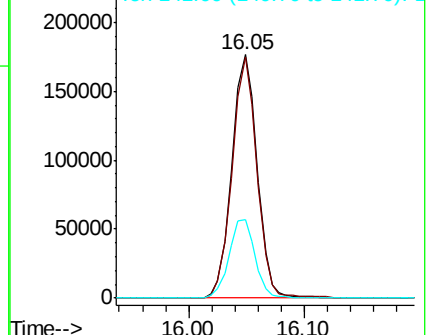
141 33.1 26.1 39.1

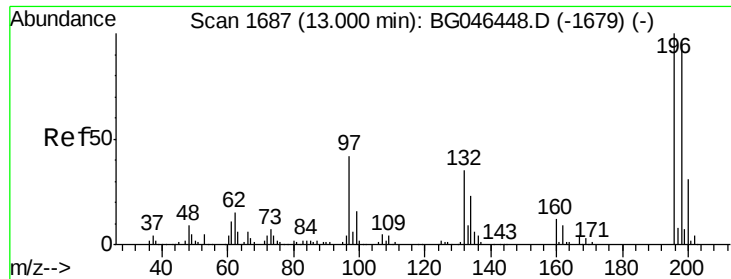


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

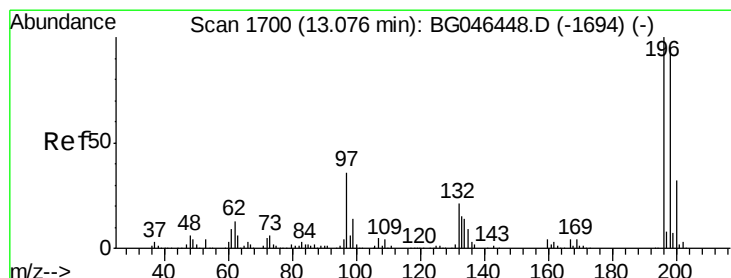
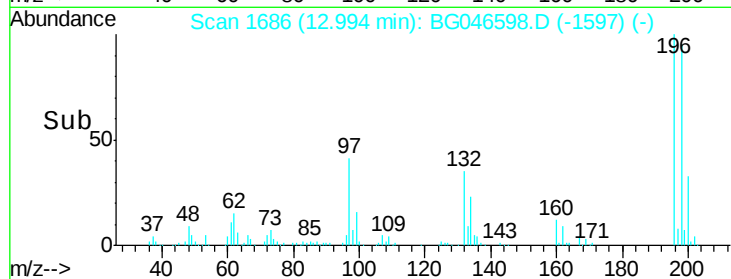
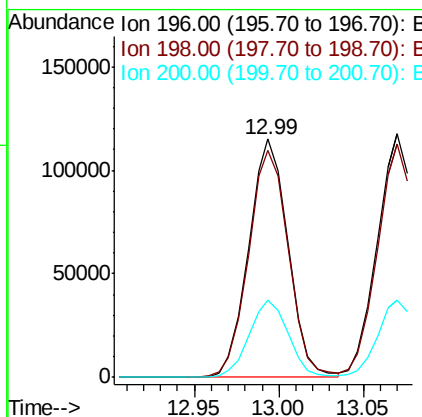
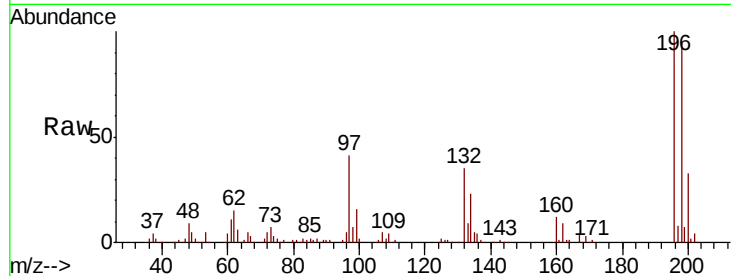




#43
 2,4,6-Trichlorophenol
 Concen: 39.050 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

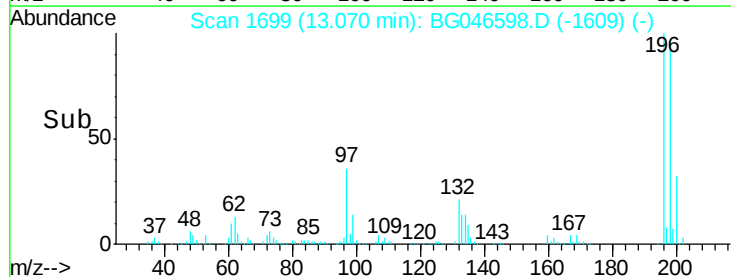
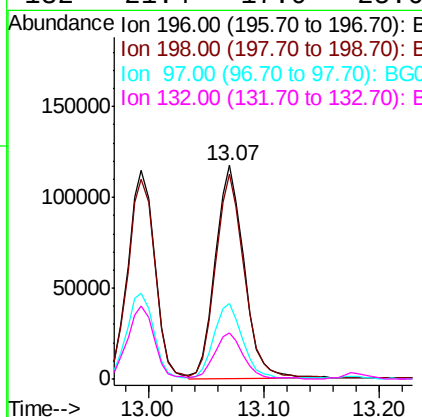
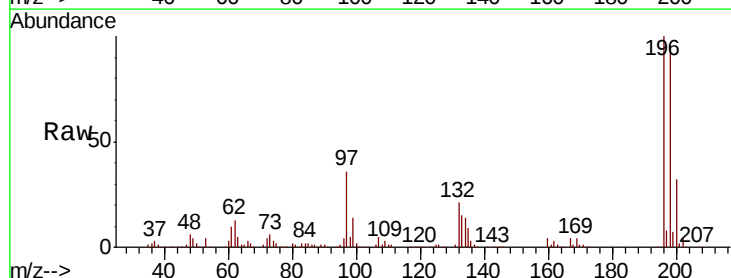
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

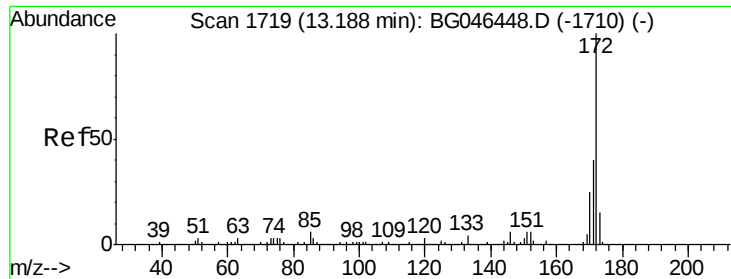
Tot Ion:196 Resp: 186321
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.0 115.6
 200 32.5 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 40.332 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion:196 Resp: 202187
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.6 113.4
 97 35.6 28.6 43.0
 132 21.4 17.0 25.6



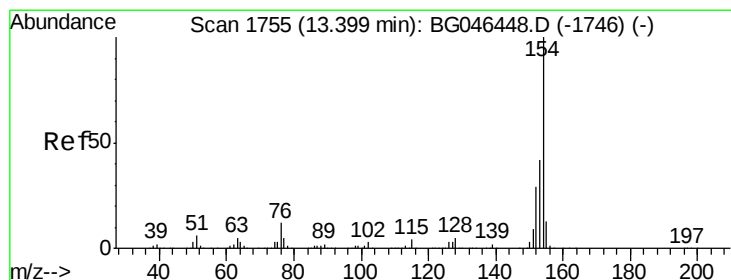
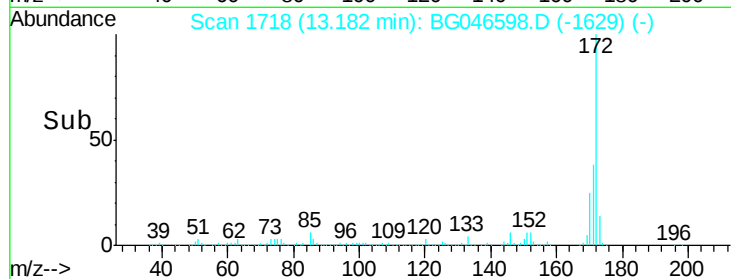
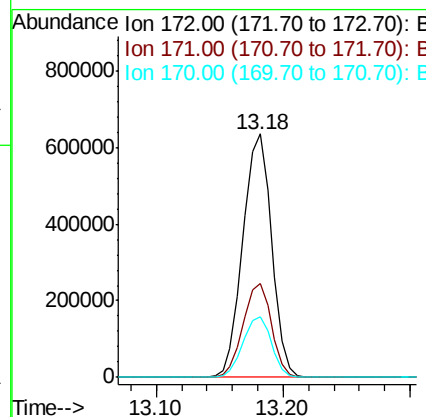
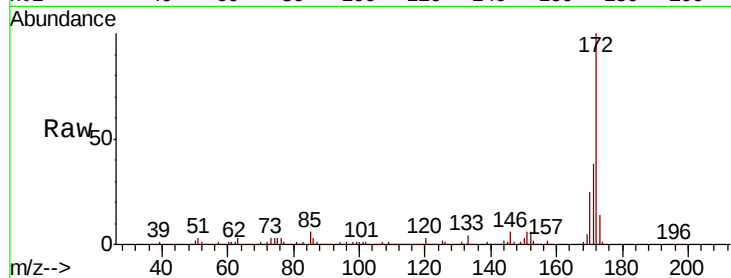


#45
 2-Fluorobiphenyl
 Concen: 71.223 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion:172 Resp: 1000348

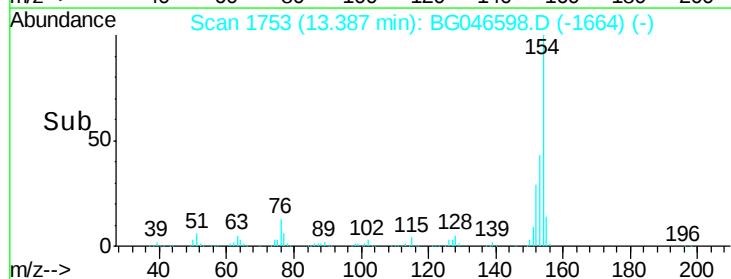
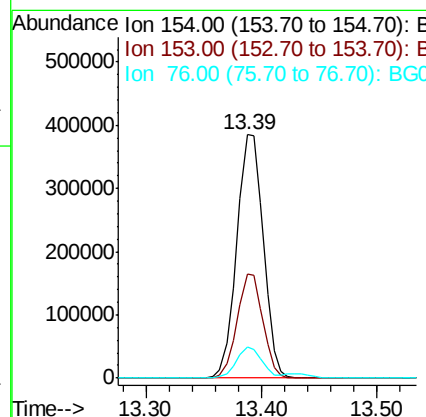
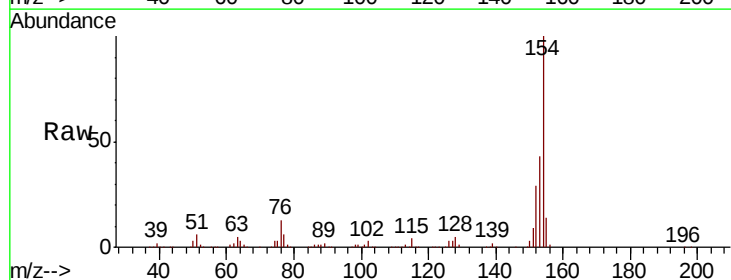
Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.8	47.6
170	24.9	20.3	30.5

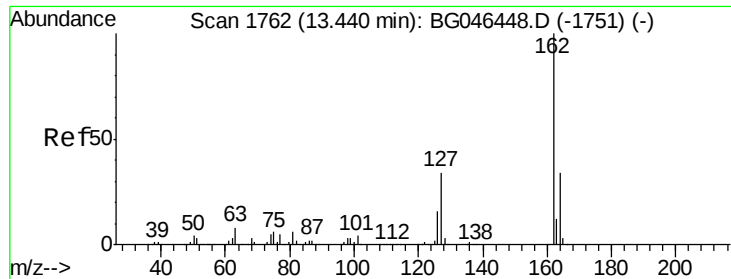


#46
 1,1'-Biphenyl
 Concen: 41.062 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion:154 Resp: 612544

Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.0	62.0
76	12.5	0.0	32.3

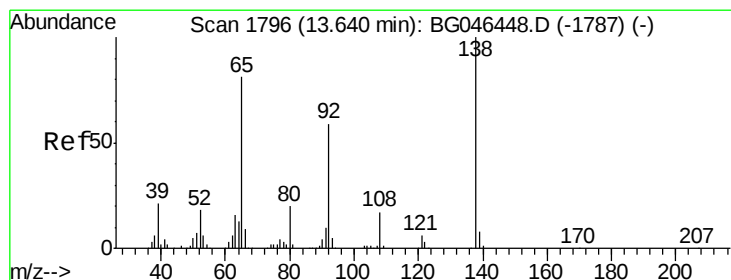
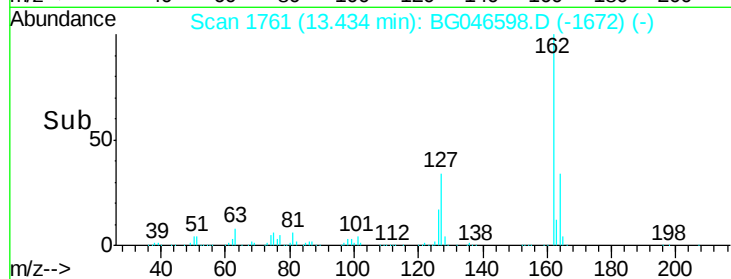
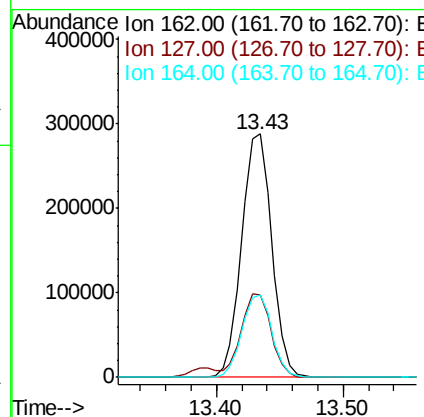
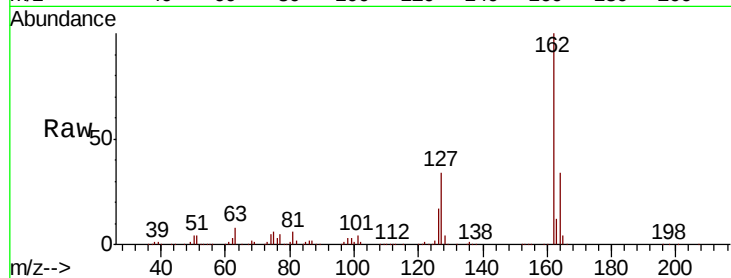




#47
2-Chloronaphthalene
Concen: 37.501 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

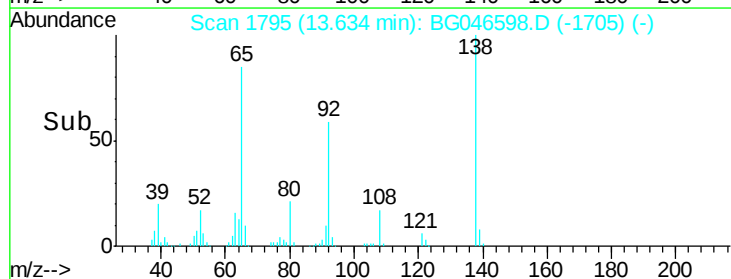
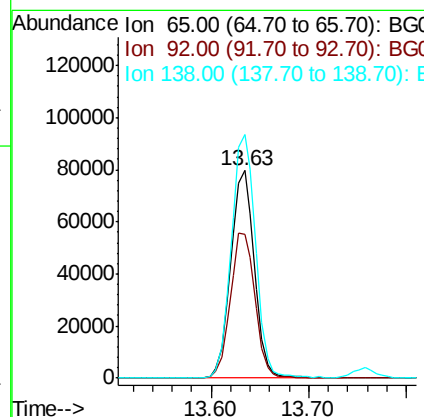
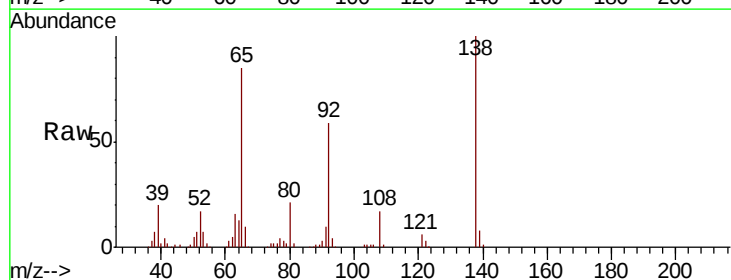
Instrument :
BNA_G
ClientSampleId :
PB131544BS

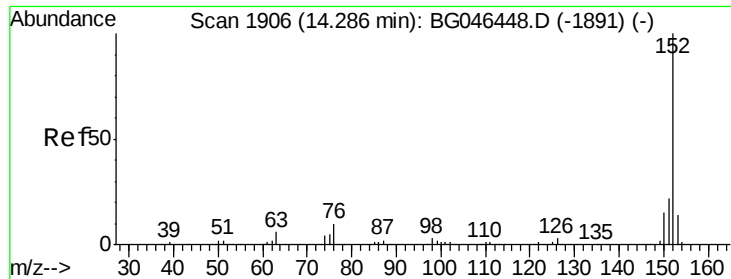
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.9	27.6	41.4
164	33.6	27.3	40.9



#48
2-Nitroaniline
Concen: 38.163 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	58.5	87.7
138	117.2	98.4	147.6





#49

Acenaphthylene

Concen: 39.865 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

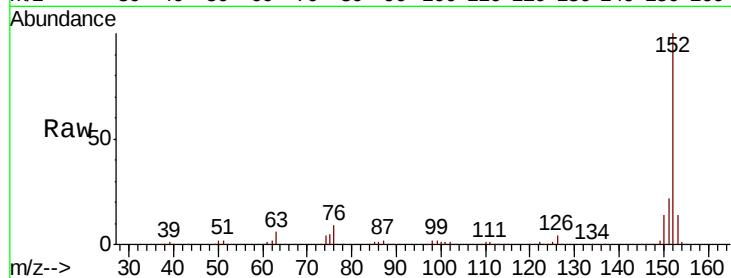
Tot Ion:152 Resp: 764837

Ion Ratio Lower Upper

152 100

151 22.0 17.7 26.5

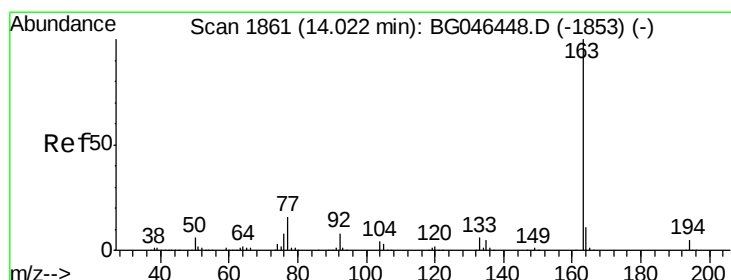
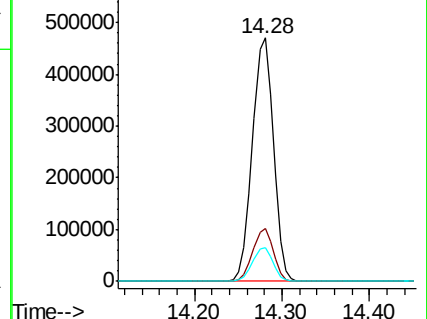
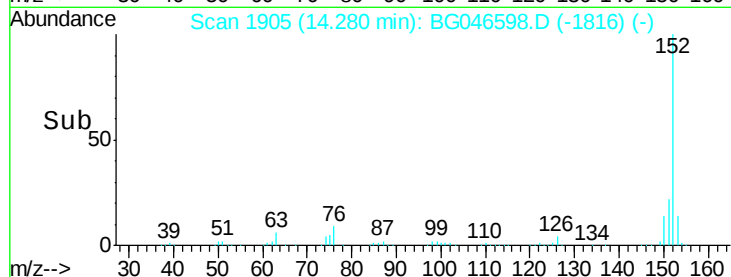
153 13.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.796 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

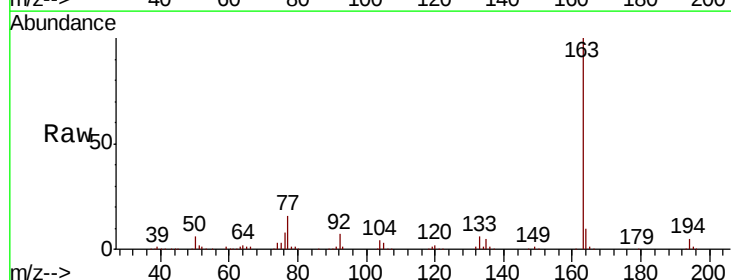
Tgt Ion:163 Resp: 626954

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

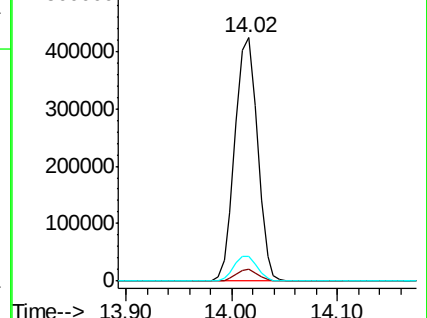
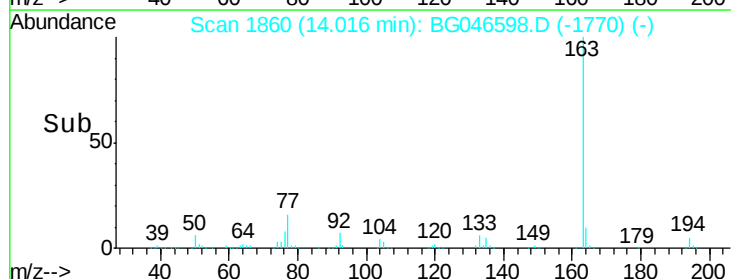
164 10.4 8.6 12.8

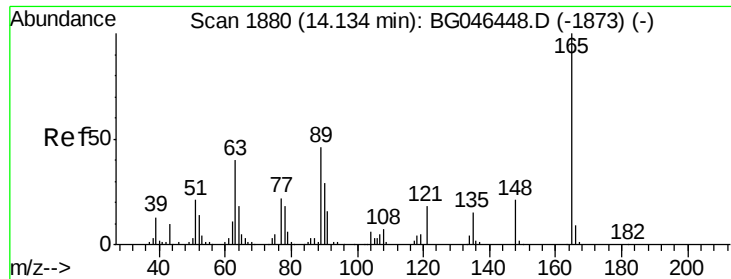


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

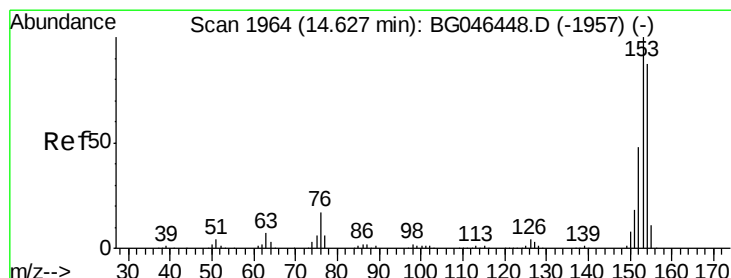
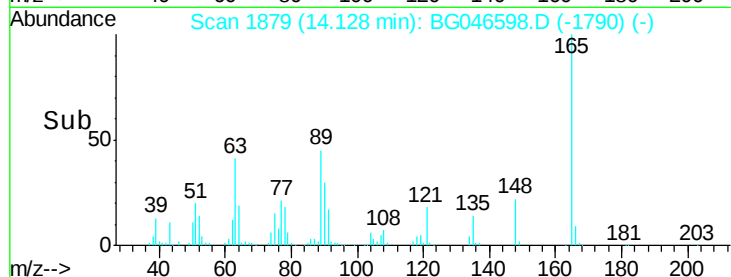
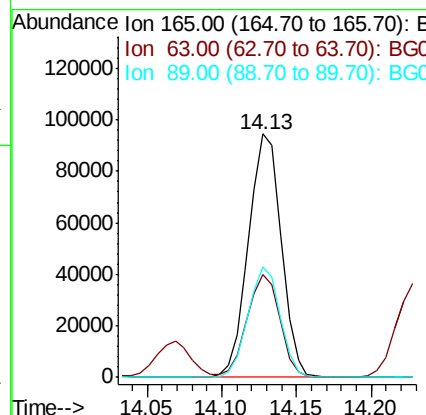
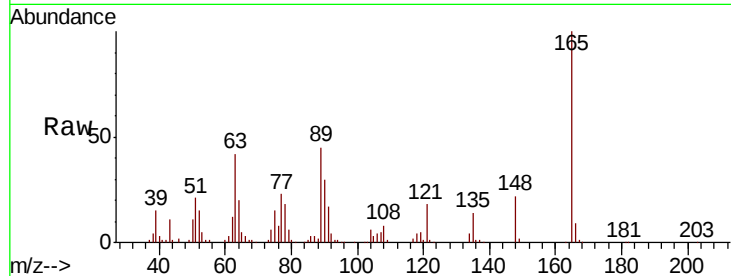




#51
 2,6-Dinitrotoluene
 Concen: 39.220 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

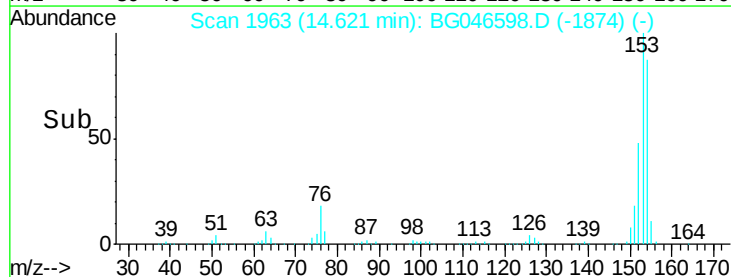
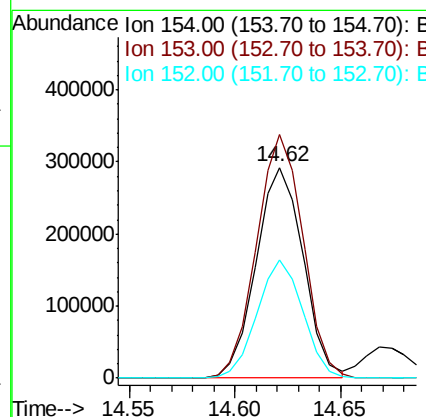
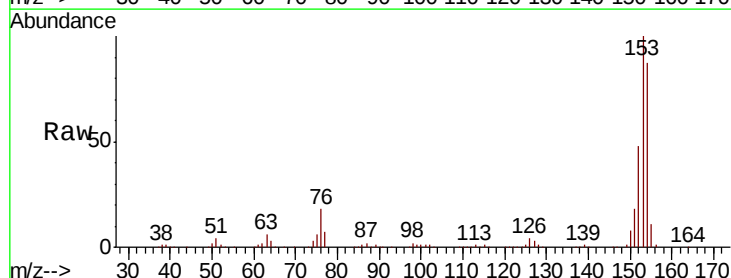
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

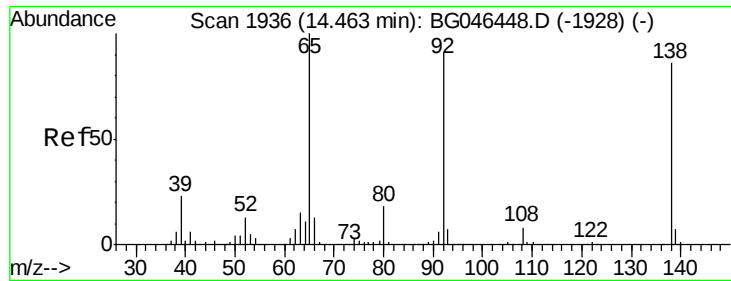
Tot Ion:165 Resp: 143409
 Ion Ratio Lower Upper
 165 100
 63 42.3 34.2 51.4
 89 45.4 37.0 55.4



#52
 Acenaphthene
 Concen: 38.036 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion:154 Resp: 452217
 Ion Ratio Lower Upper
 154 100
 153 115.6 91.9 137.9
 152 56.0 43.8 65.6





#53

3-Nitroaniline

Concen: 29.496 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

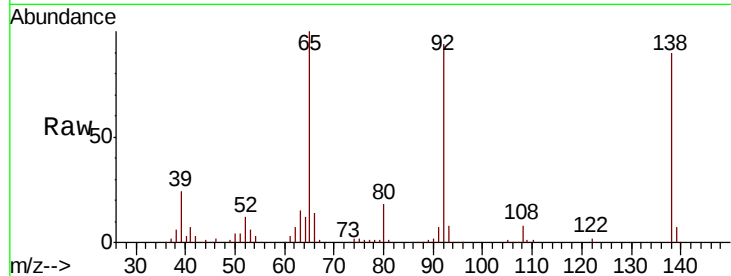
Tot Ion:138 Resp: 116828

Ion Ratio Lower Upper

138 100

108 9.2 7.0 10.6

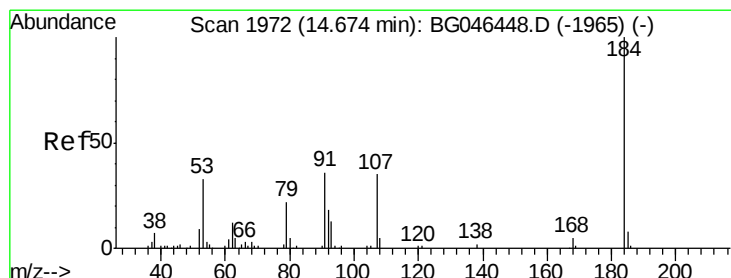
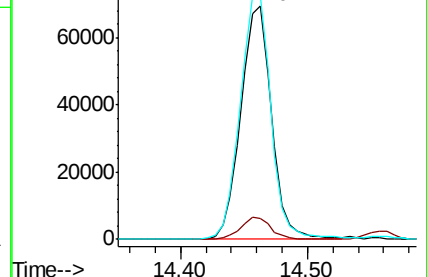
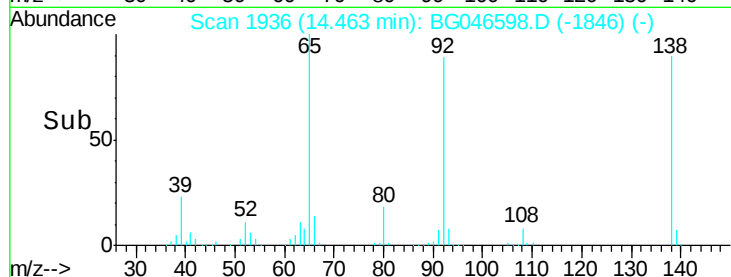
92 104.3 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 66.894 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

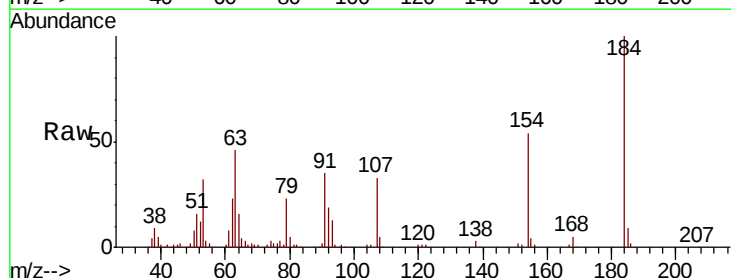
Tgt Ion:184 Resp: 142775

Ion Ratio Lower Upper

184 100

63 45.9 35.6 53.4

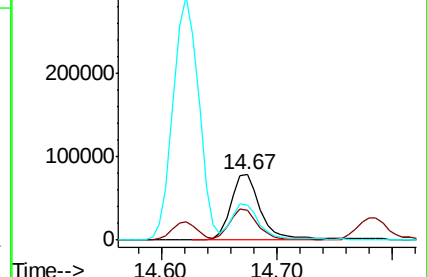
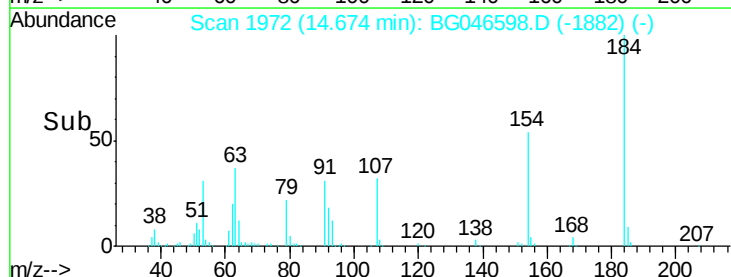
154 53.7 44.3 66.5

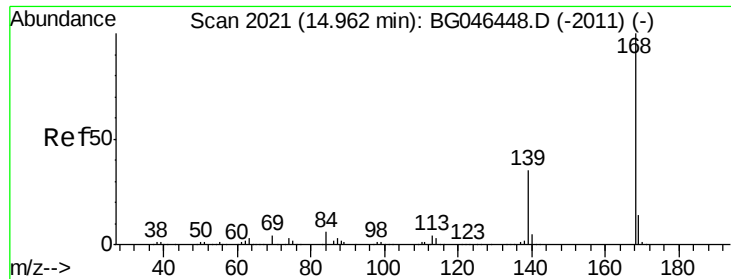


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

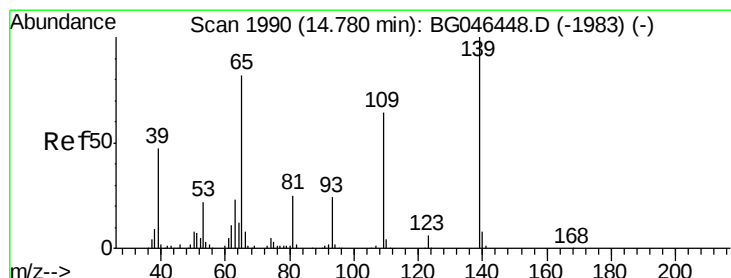
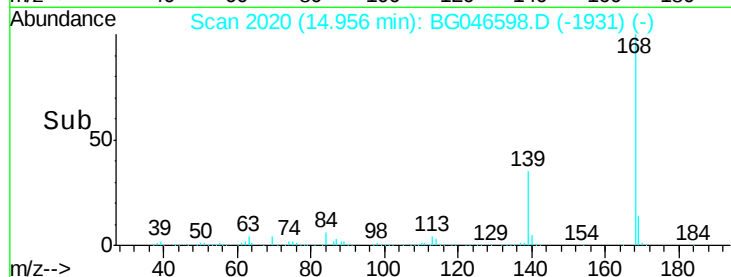
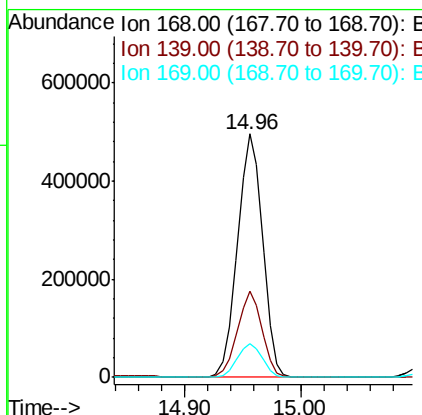
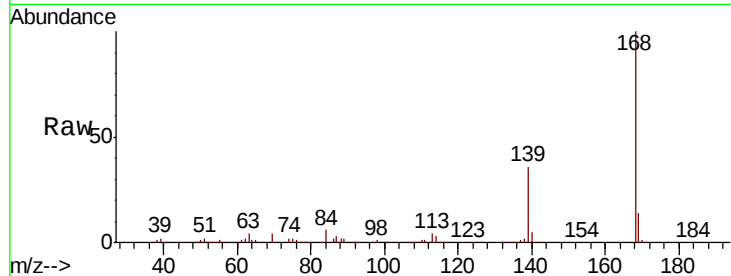




#55
Dibenzofuran
Concen: 39.208 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

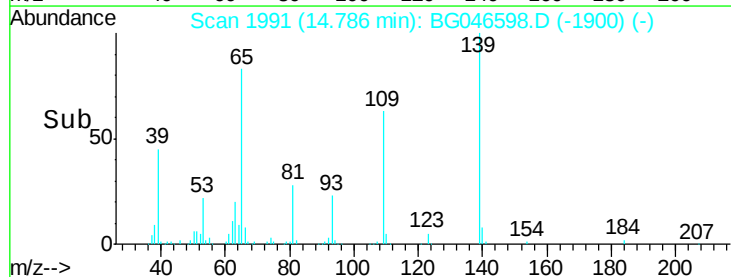
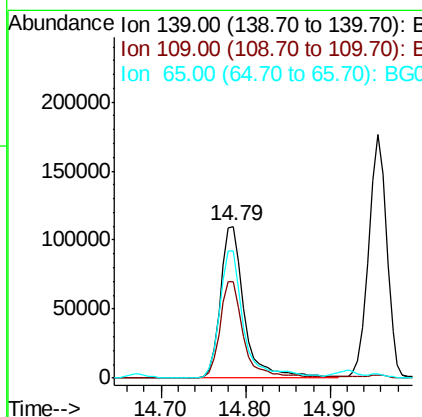
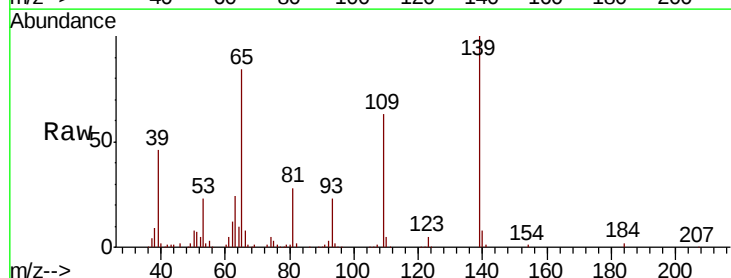
Instrument :
BNA_G
ClientSampleId :
PB131544BS

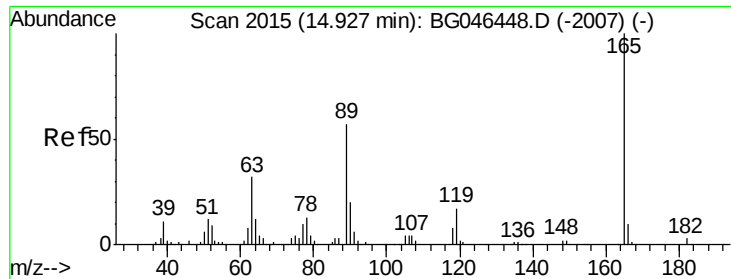
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.1	42.1
169	14.1	11.5	17.3



#56
4-Nitrophenol
Concen: 74.613 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.1	44.3	84.3
65	83.6	61.5	101.5

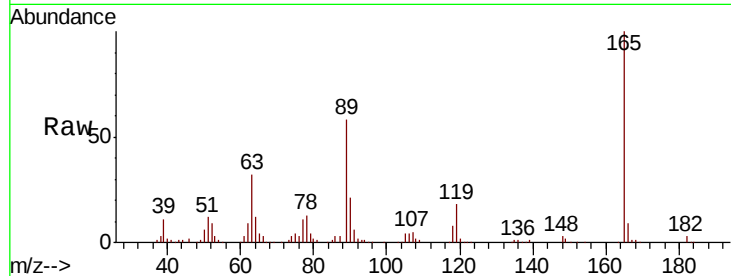




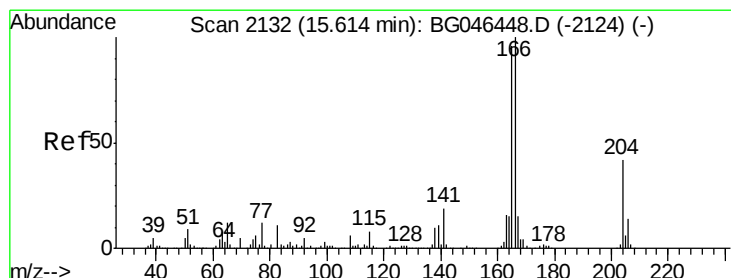
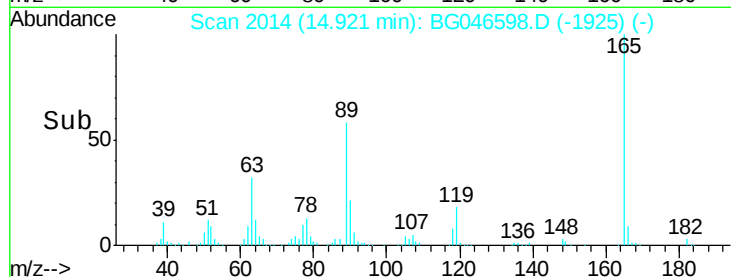
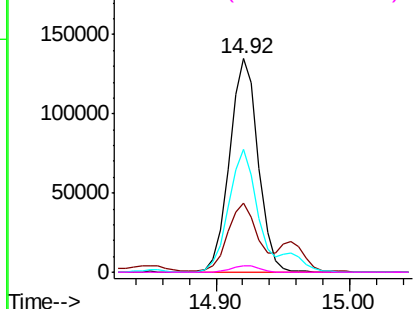
#57
2,4-Dinitrotoluene
Concen: 38.642 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion:165	Resp:	201470
Ion Ratio	Lower	Upper
165	100	
63	32.1	25.4 38.0
89	57.7	45.9 68.9
182	3.2	2.3 3.5

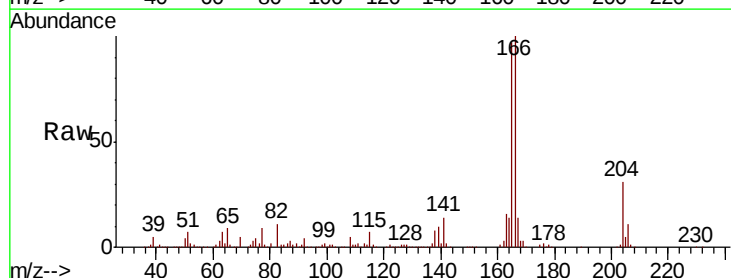


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

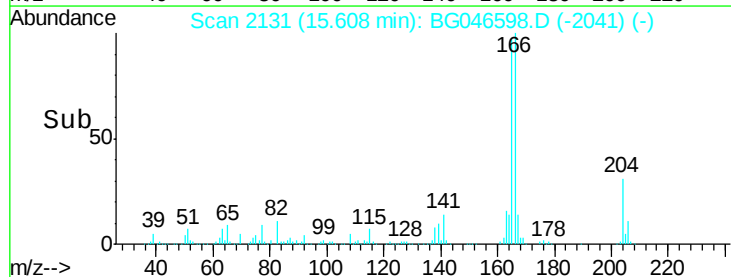
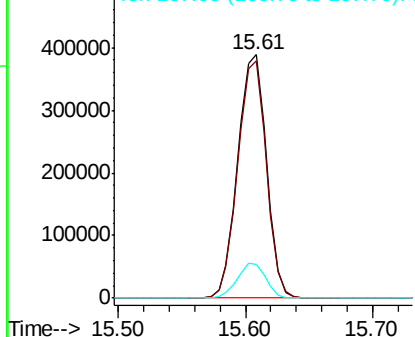


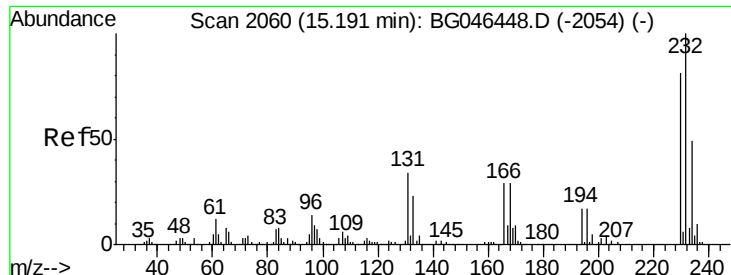
#58
Fluorene
Concen: 38.055 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion:166	Resp:	609407
Ion Ratio	Lower	Upper
166	100	
165	97.3	77.0 115.4
167	13.8	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

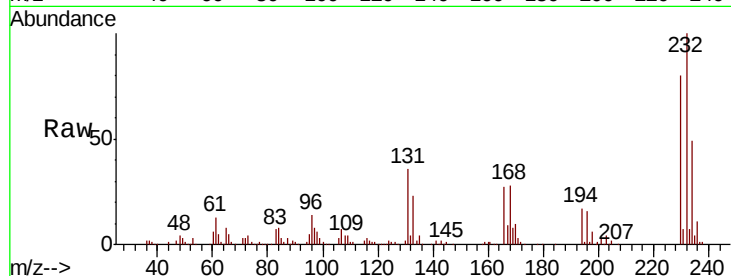




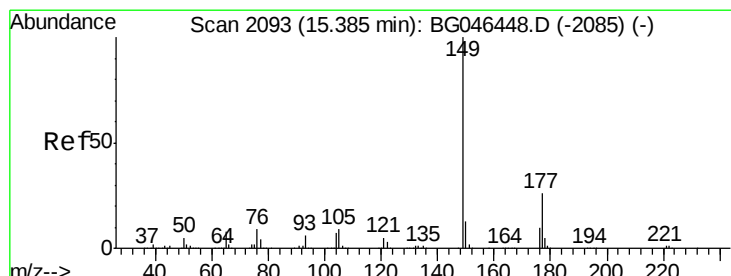
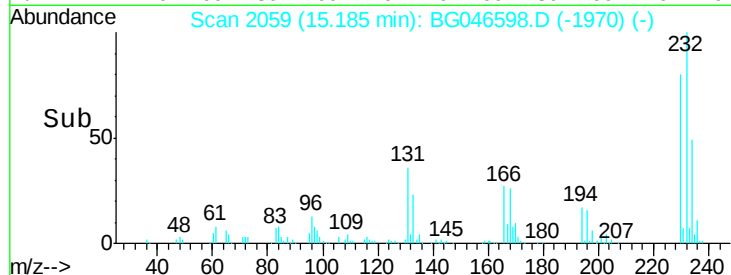
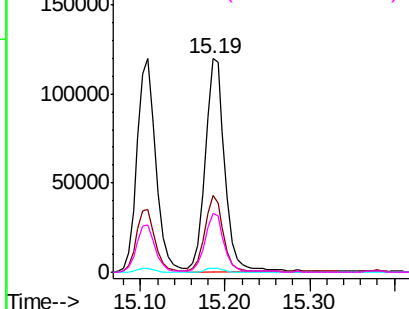
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.849 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion:	232	Resp:	193988
Ion	Ratio	Lower	Upper
232	100		
131	34.1	26.8	40.2
130	1.9	1.4	2.2
166	26.6	22.8	34.2

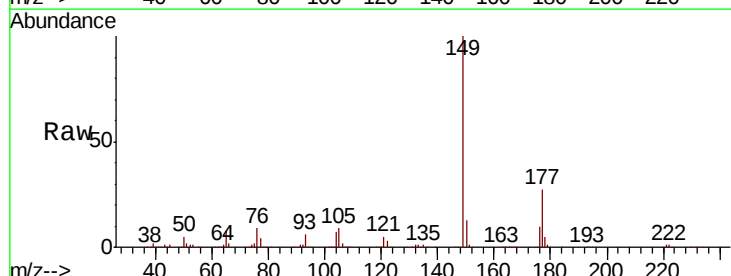


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

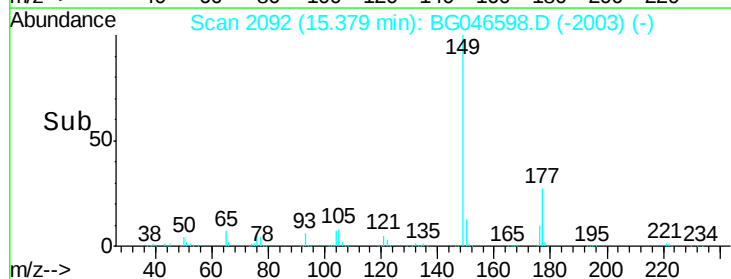
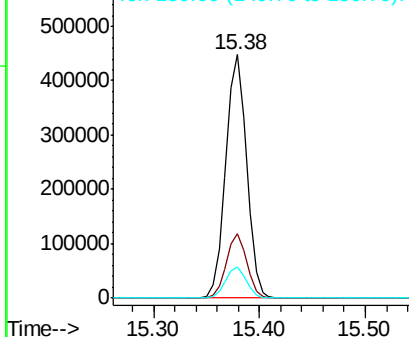


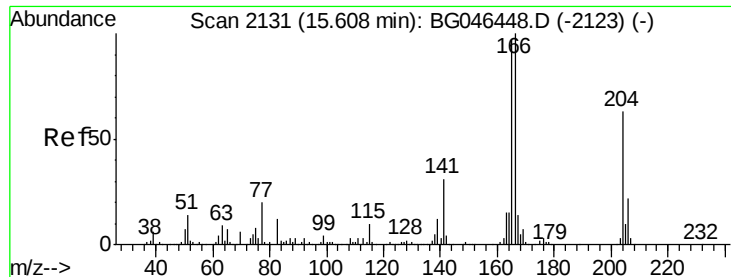
#60
 Diethylphthalate
 Concen: 37.619 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion:	149	Resp:	608411
Ion	Ratio	Lower	Upper
149	100		
177	26.5	20.6	30.8
150	13.0	10.3	15.5



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

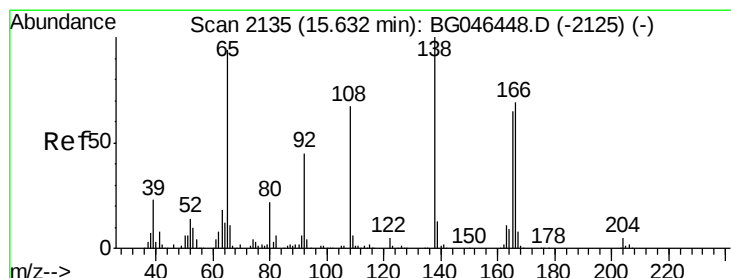
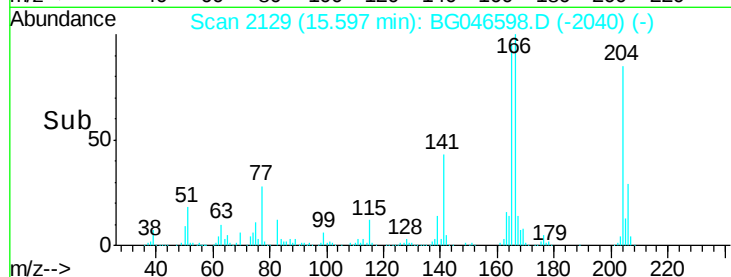
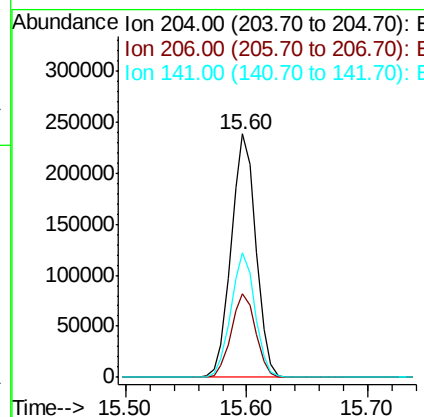
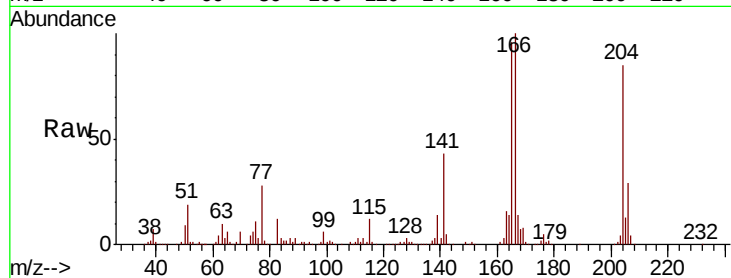




#61
 4-Chlorophenyl-phenylether
 Concen: 38.152 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

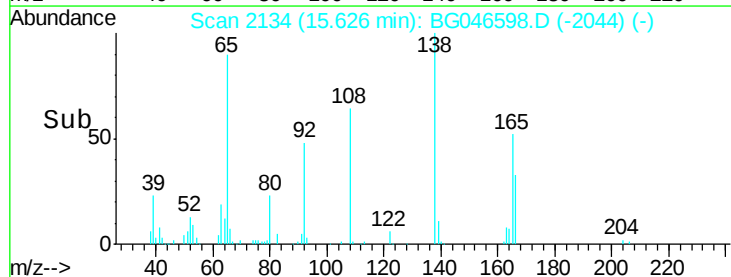
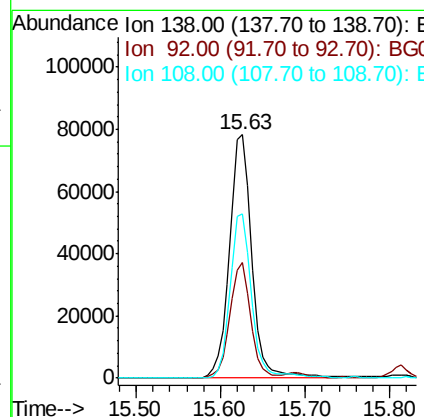
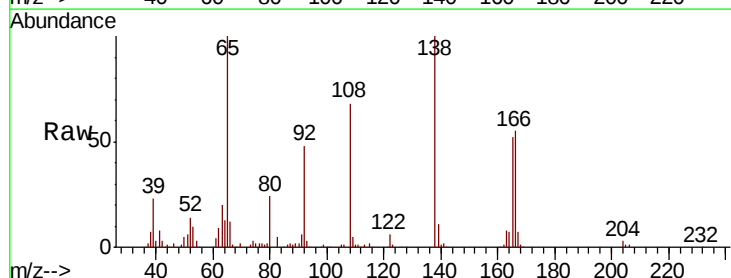
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

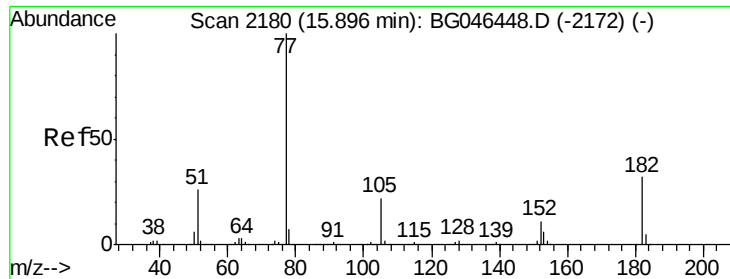
Tot Ion:204 Resp: 336484
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.7 41.5
 141 50.9 38.7 58.1



#62
 4-Nitroaniline
 Concen: 34.208 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion:138 Resp: 142963
 Ion Ratio Lower Upper
 138 100
 92 47.5 25.3 65.3
 108 67.5 46.7 86.7





#63

Azobenzene

Concen: 39.382 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

Tot Ion: 77 Resp: 518104

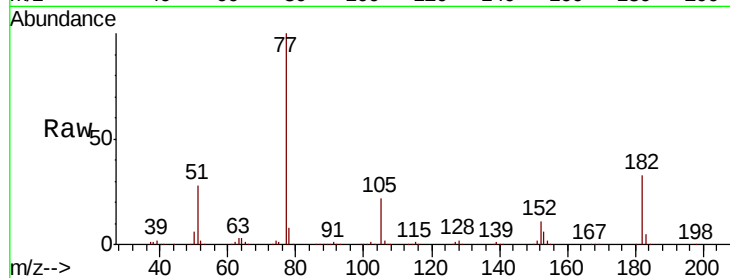
Ion Ratio Lower Upper

77 100

182 33.2 12.3 52.3

105 22.3 2.3 42.3

51 27.7 6.5 46.5

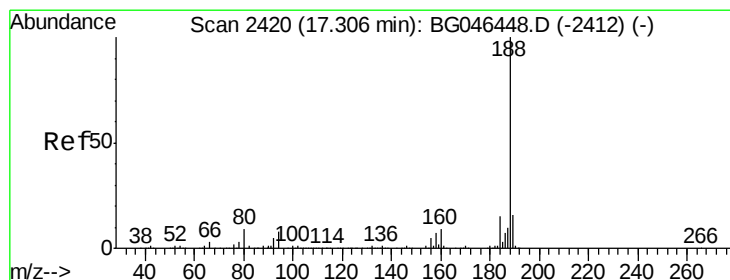
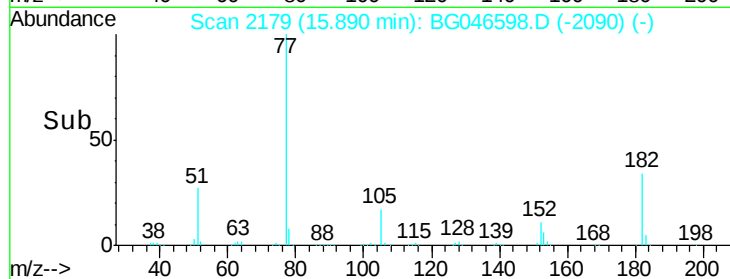
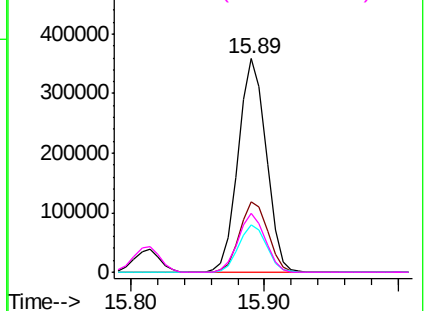


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG046598.D

Acq: 11 Sep 2020 16:05

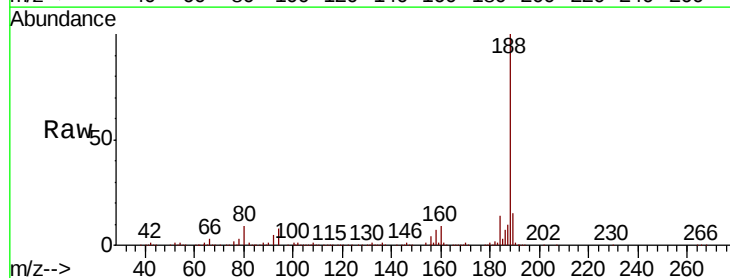
Tgt Ion: 188 Resp: 483524

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

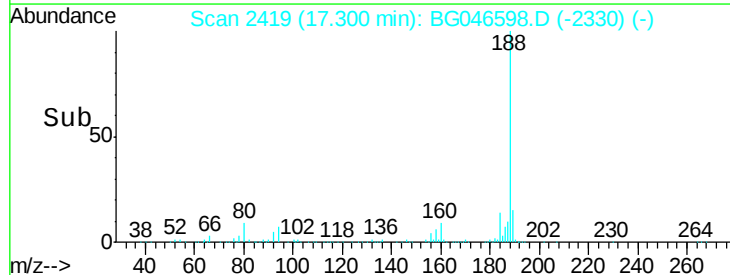
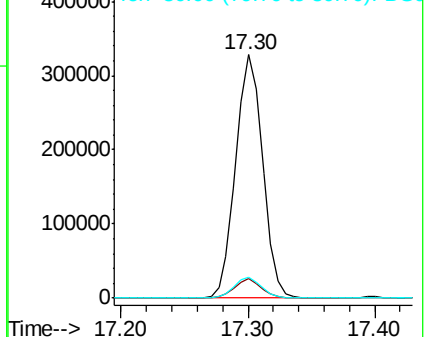
80 8.8 6.9 10.3

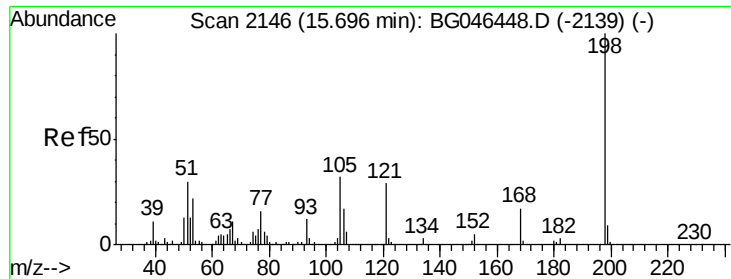


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.148 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

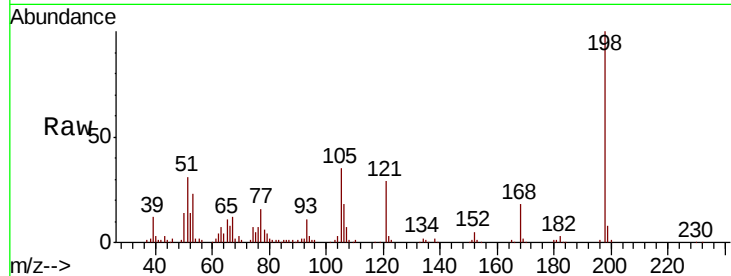
Tot Ion:198 Resp: 118085

Ion Ratio Lower Upper

198 100

51 31.3 10.4 50.4

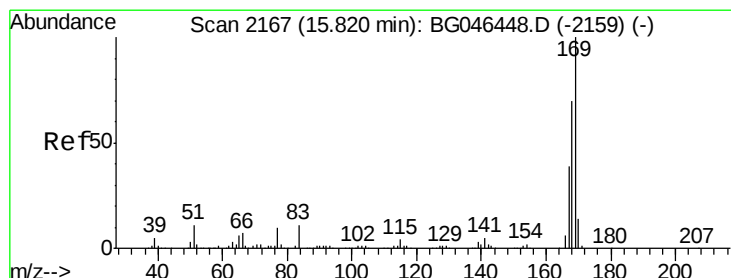
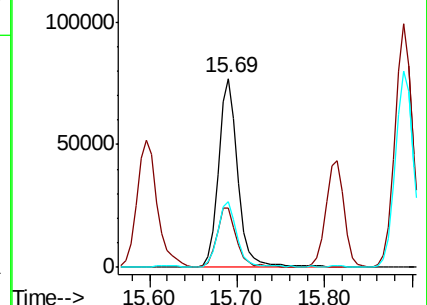
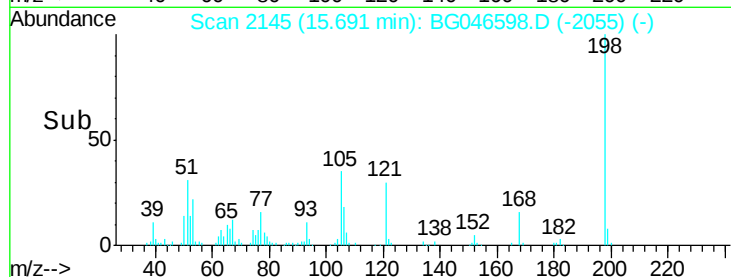
105 34.7 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.829 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

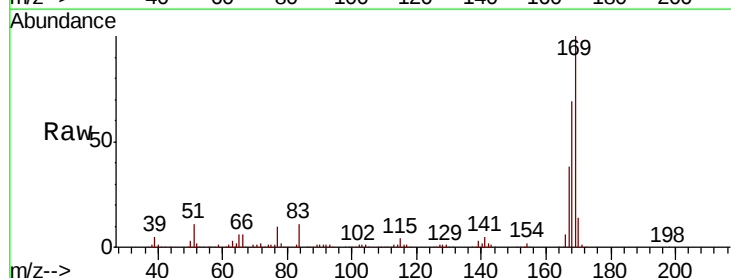
Tgt Ion:169 Resp: 558677

Ion Ratio Lower Upper

169 100

168 69.4 55.8 83.8

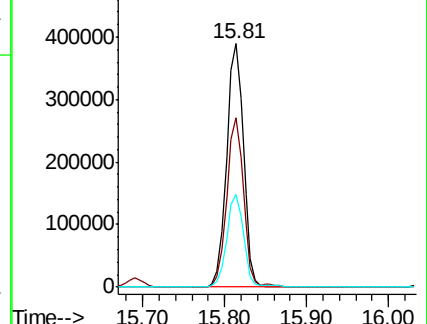
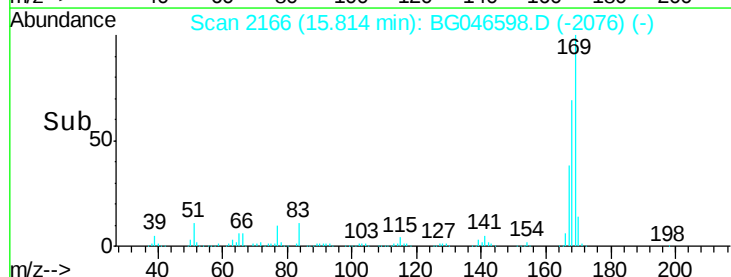
167 38.2 31.0 46.6

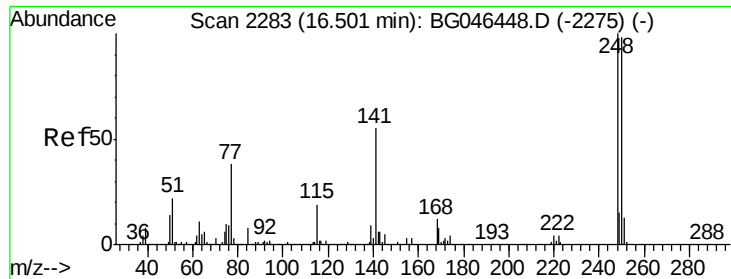


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

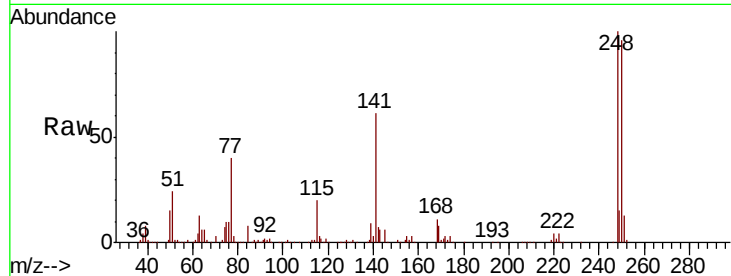




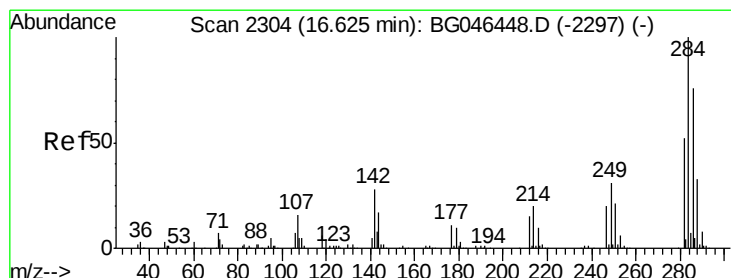
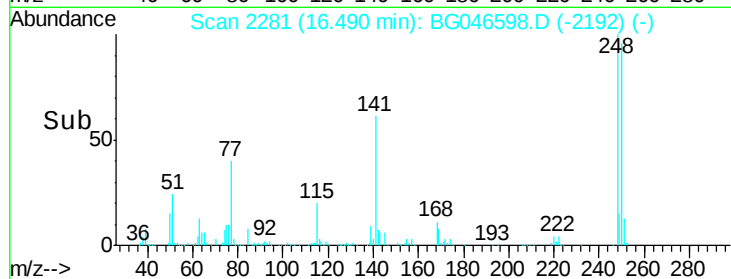
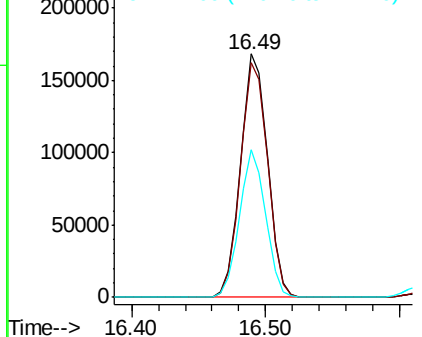
#67
4-Bromophenyl-phenylether
Concen: 41.595 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.6	118.0
141	60.6	43.9	65.9

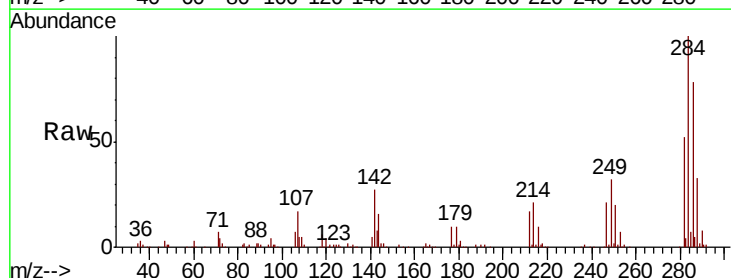


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

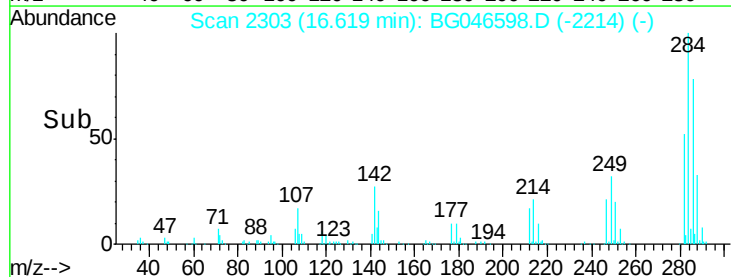
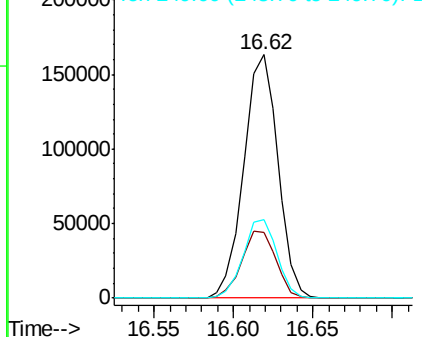


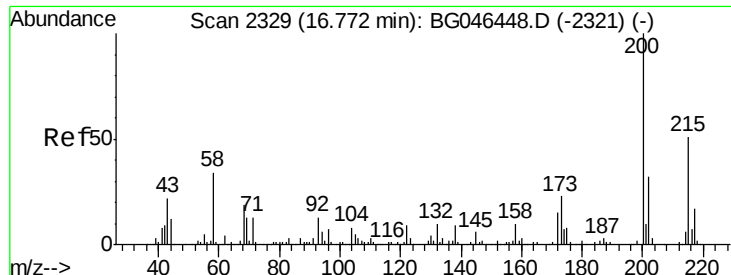
#68
Hexachlorobenzene
Concen: 39.204 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.2	22.3	33.5
249	32.4	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: 37.956 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

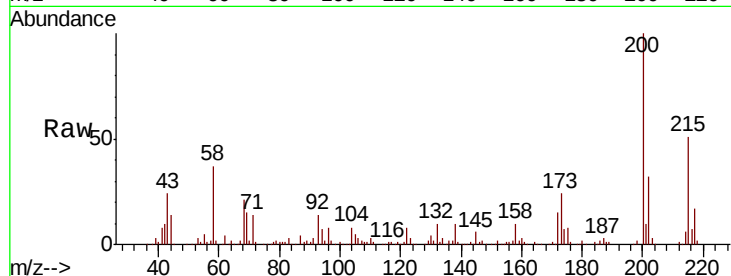
Tot Ion:200 Resp: 201982

Ion Ratio Lower Upper

200 100

173 23.6 3.3 43.3

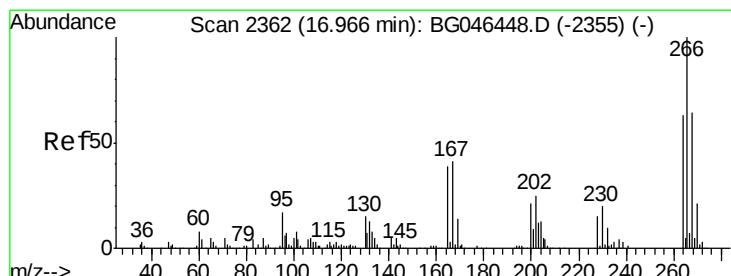
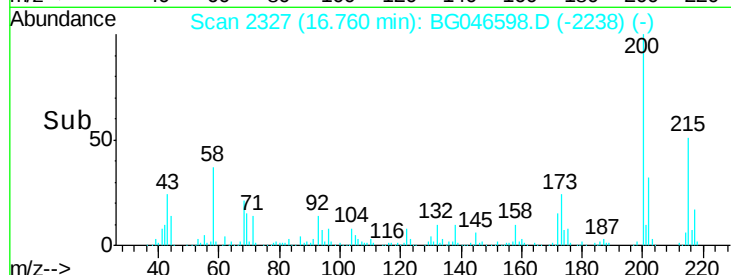
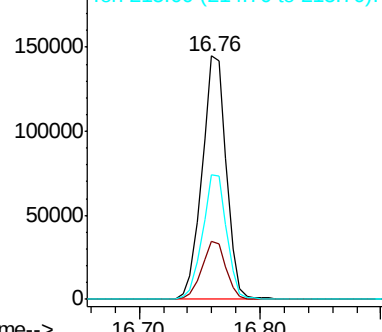
215 51.4 30.9 70.9



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: 81.041 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

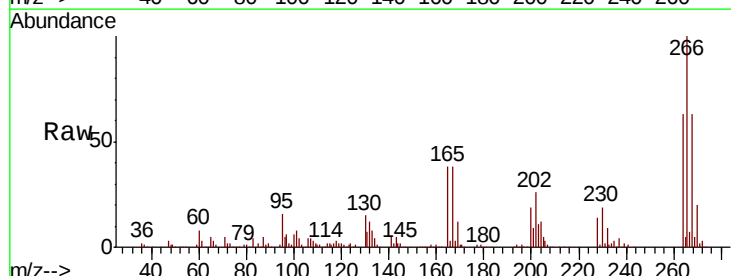
Tgt Ion:266 Resp: 264531

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

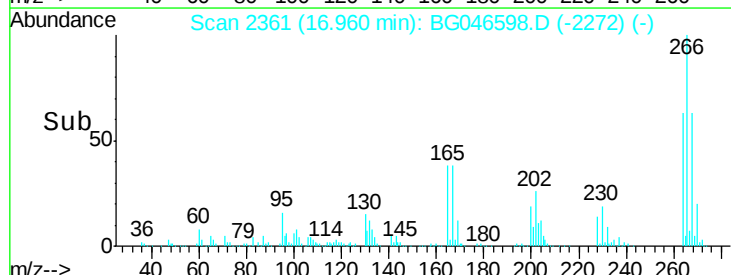
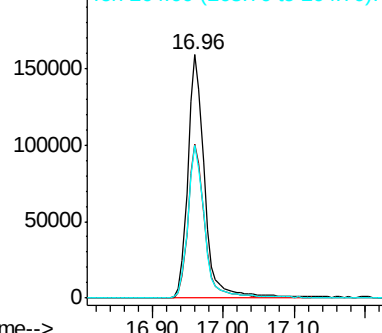
264 62.6 50.2 75.2

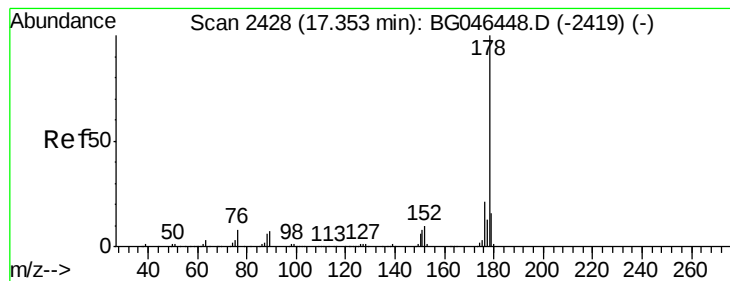


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.979 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

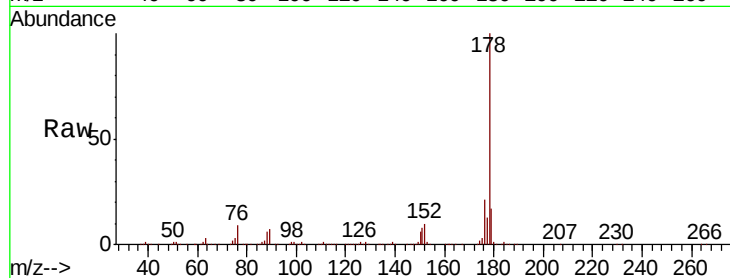
Tot Ion:178 Resp: 979827

Ion Ratio Lower Upper

178 100

176 20.7 16.8 25.2

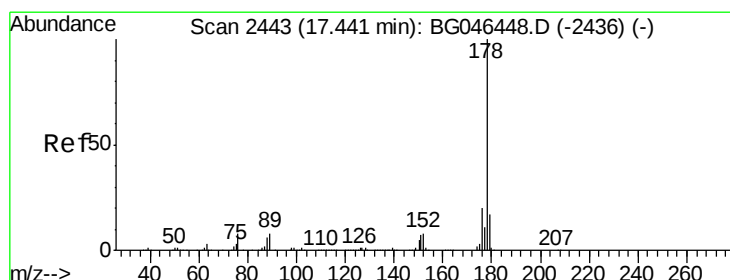
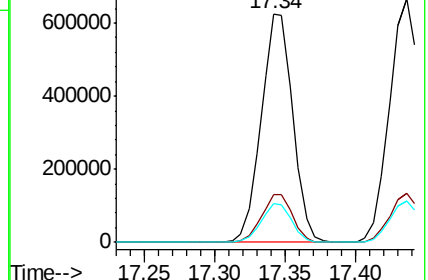
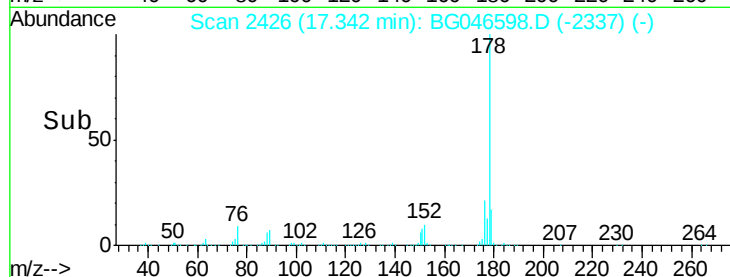
179 17.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.884 ng

RT: 17.44 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

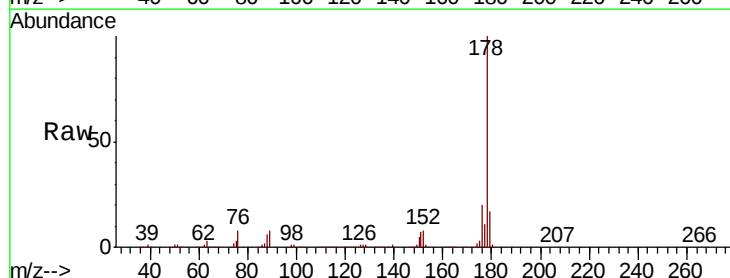
Tgt Ion:178 Resp: 1012776

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

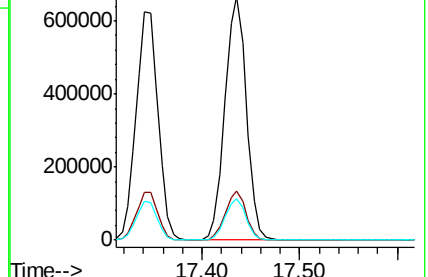
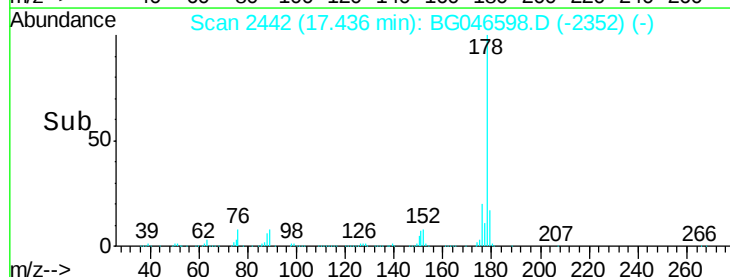
179 16.9 13.3 19.9

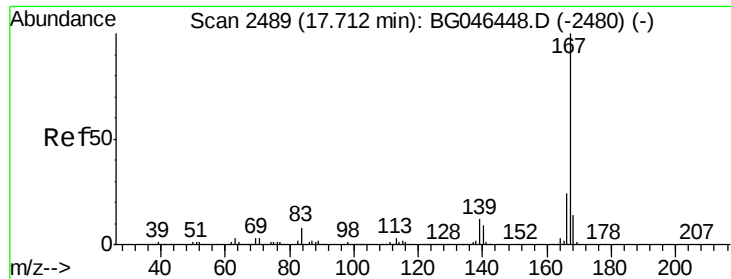


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

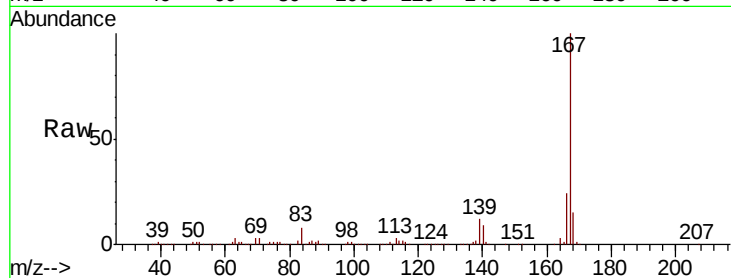




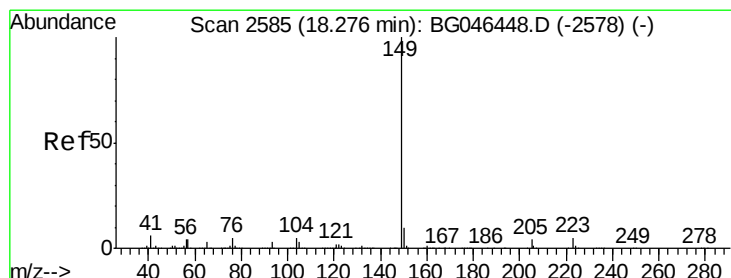
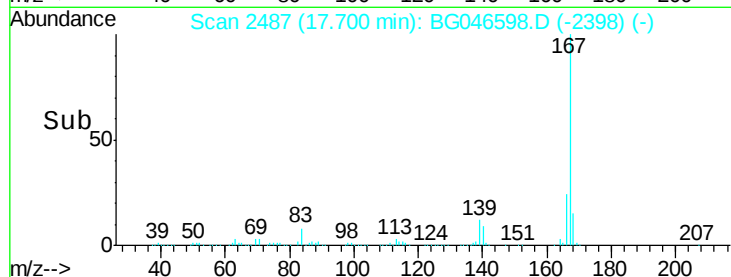
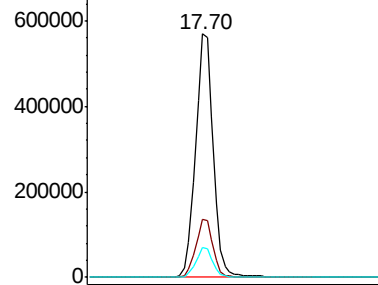
#73
 Carbazole
 Concen: 39.668 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.3	28.9
139	12.2	9.7	14.5

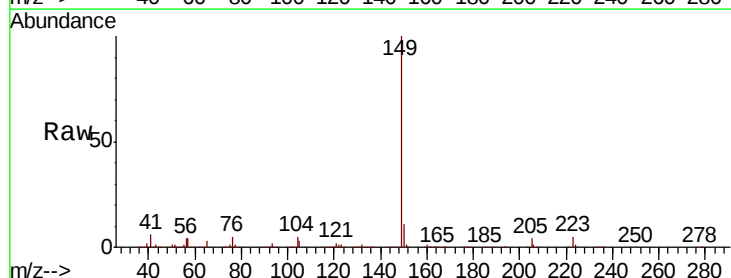


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

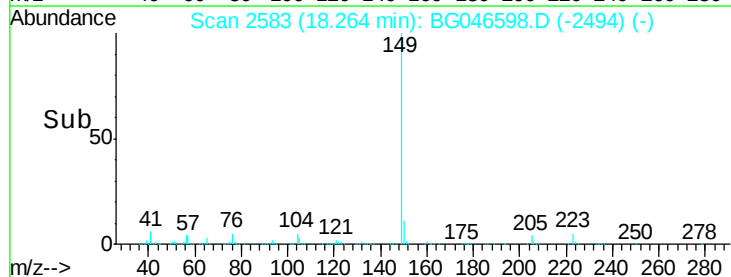
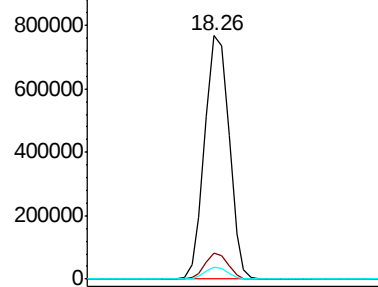


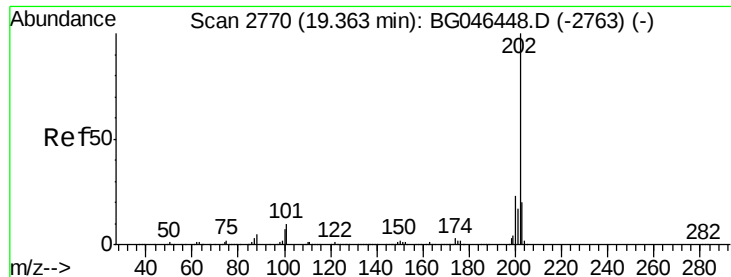
#74
 Di-n-butylphthalate
 Concen: 39.087 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.1	12.1
104	4.9	4.0	6.0



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





#75

Fluoranthene

Concen: 38.553 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

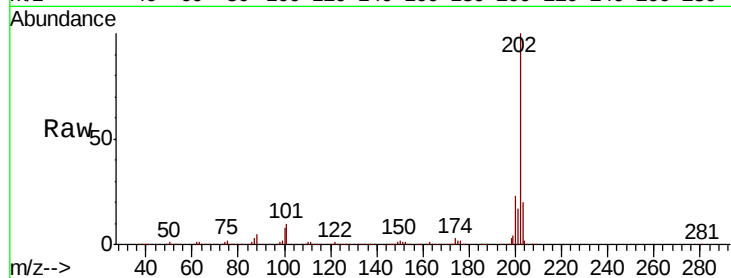
Tot Ion:202 Resp: 1215967

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.9
203	19.8	0.0	40.0

202 100

101 9.8 0.0 29.9

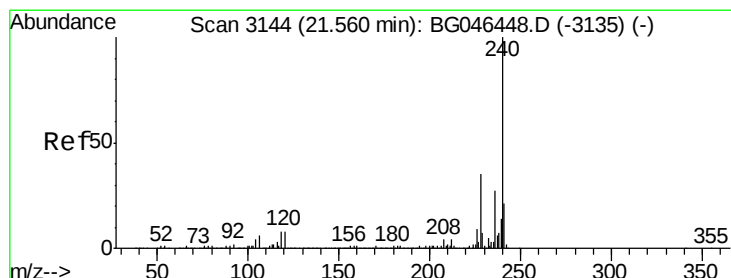
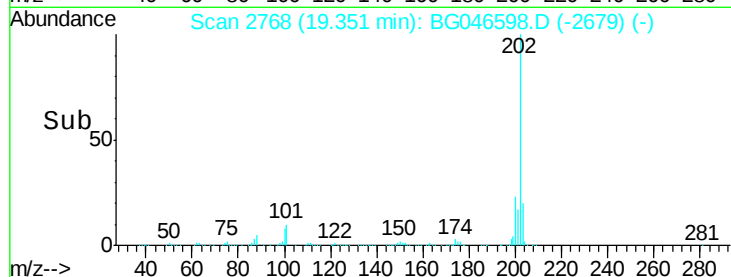
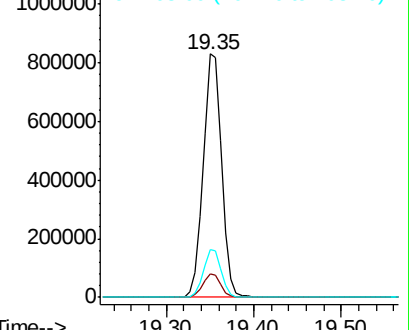
203 19.8 0.0 40.0



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: BG046598.D

Acq: 11 Sep 2020 16:05

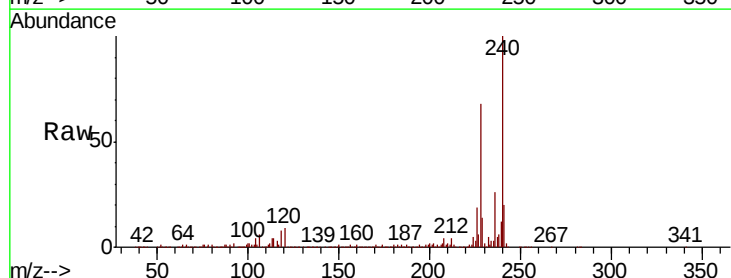
Tgt Ion:240 Resp: 480641

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.6	10.0
236	25.9	21.4	32.2

240 100

120 8.5 6.6 10.0

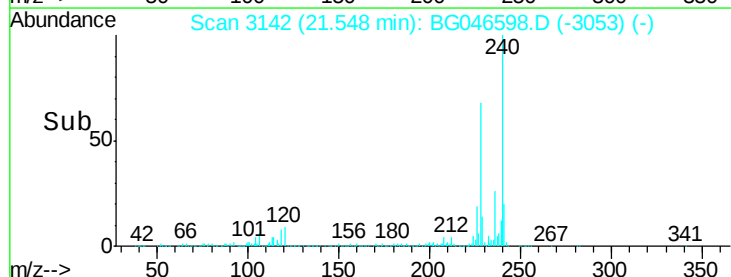
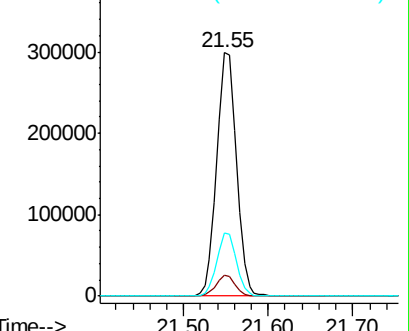
236 25.9 21.4 32.2

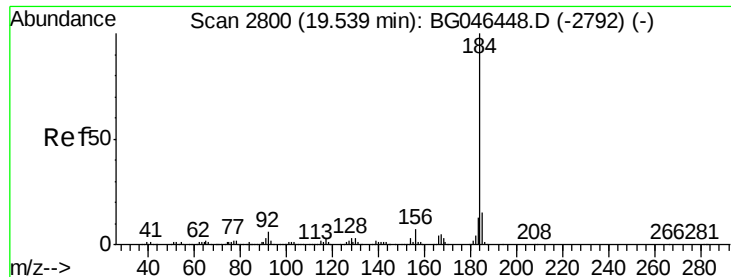


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.702 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

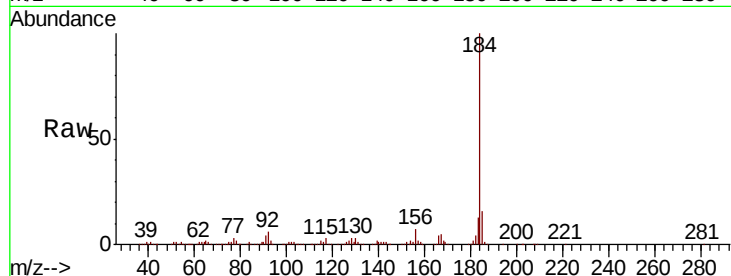
Tot Ion:184 Resp: 555108

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

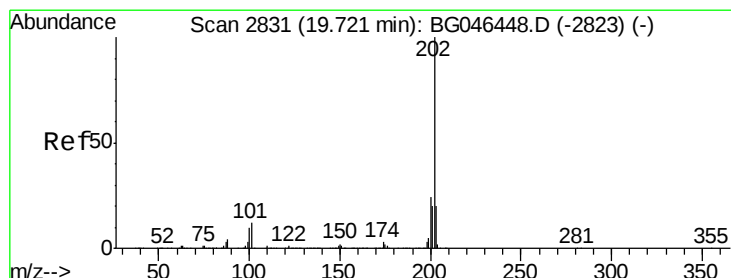
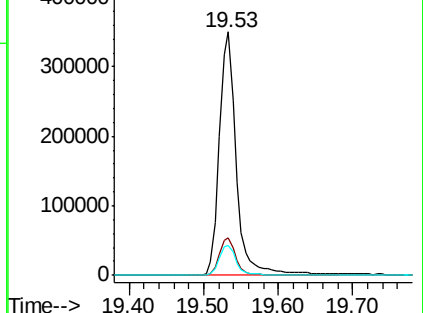
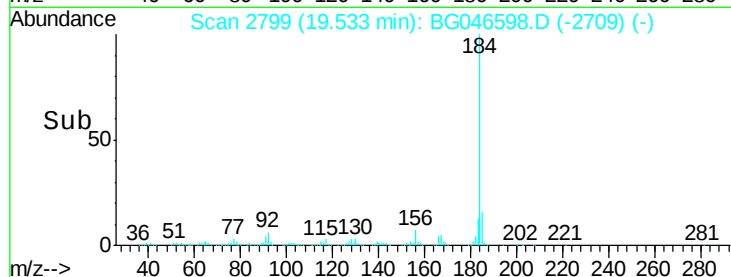
183 12.5 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.652 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

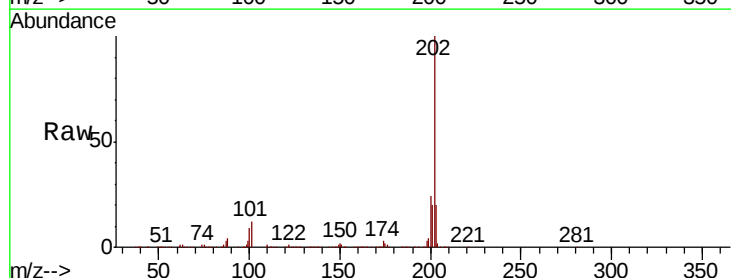
Tgt Ion:202 Resp: 1213606

Ion Ratio Lower Upper

202 100

200 23.5 18.9 28.3

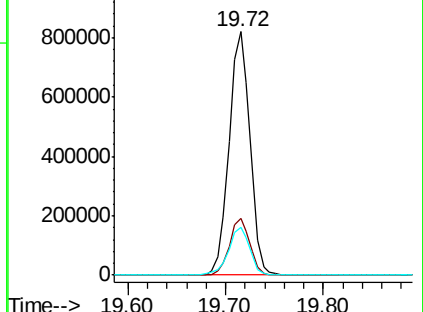
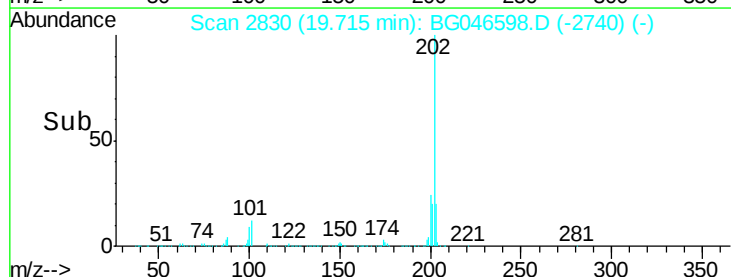
203 19.6 16.1 24.1

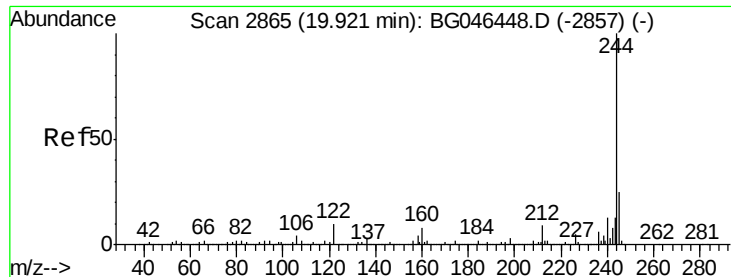


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.447 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampled :

PB131544BS

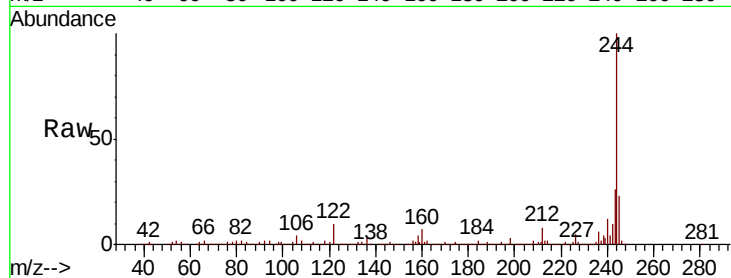
Tot Ion:244 Resp: 1500682

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

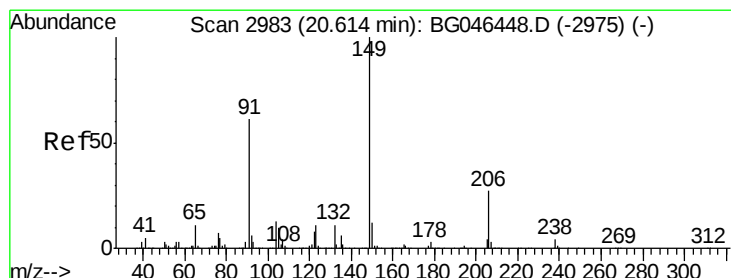
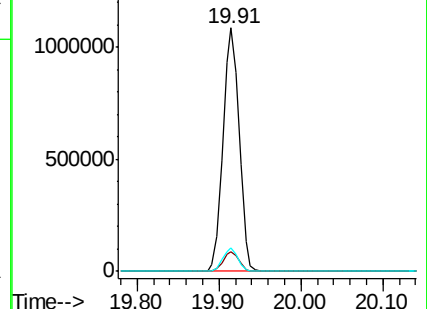
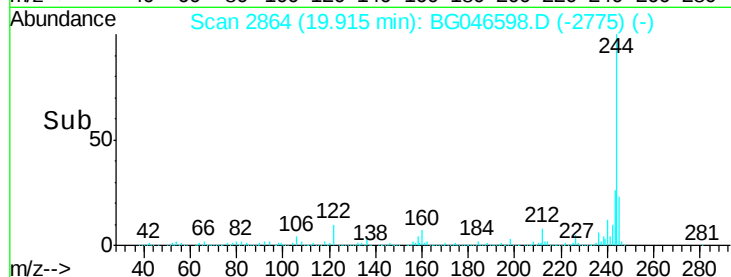
122 9.8 8.2 12.4



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: 39.262 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

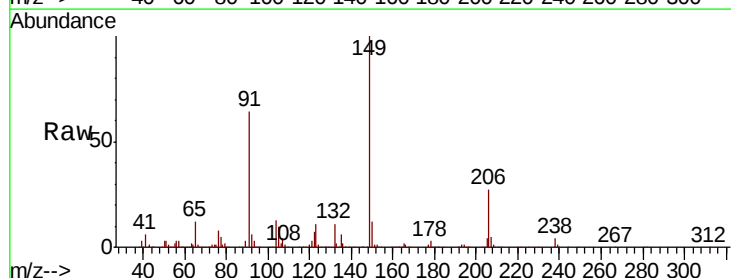
Tgt Ion:149 Resp: 468724

Ion Ratio Lower Upper

149 100

91 63.9 49.1 73.7

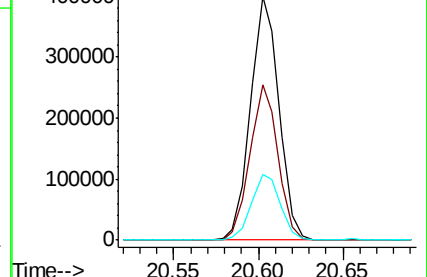
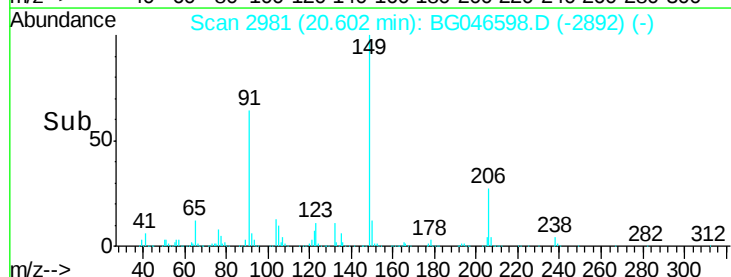
206 26.9 21.9 32.9

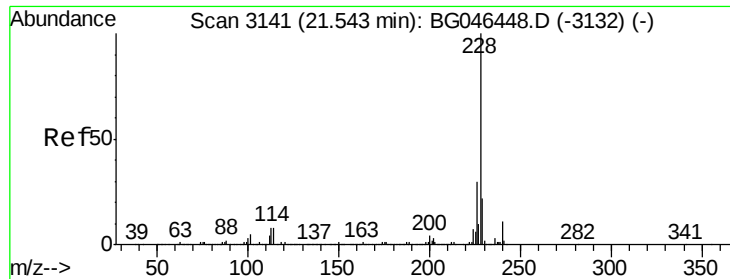


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

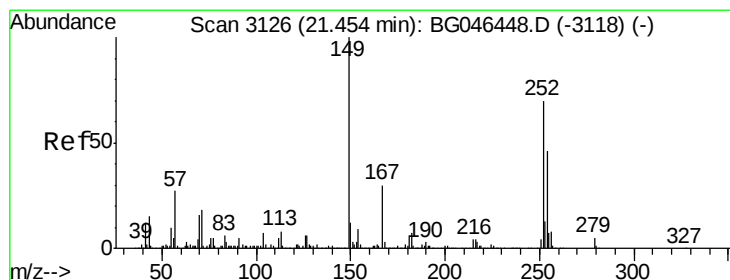
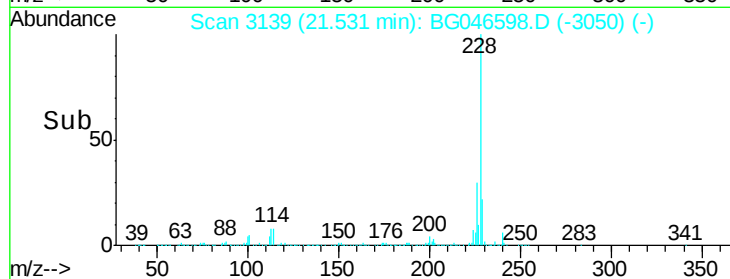
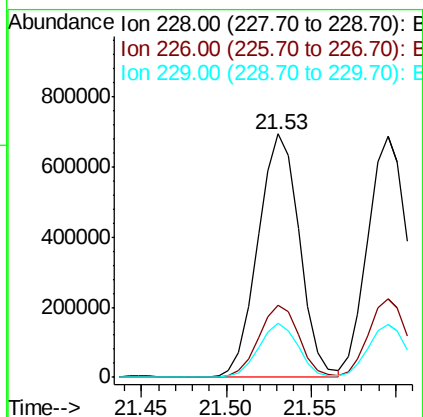
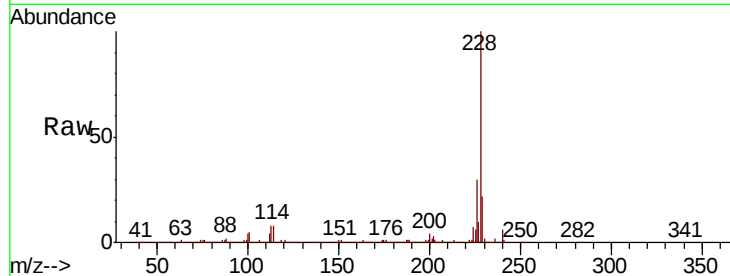




#81
Benzo(a)anthracene
Concen: 39.575 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

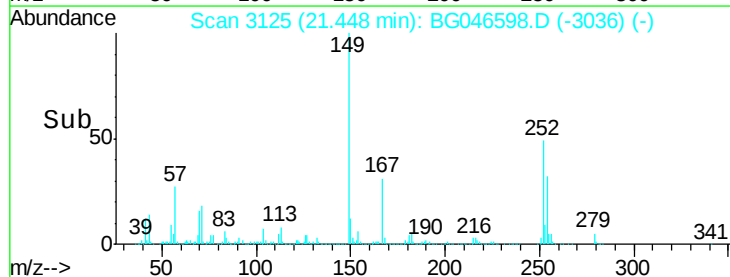
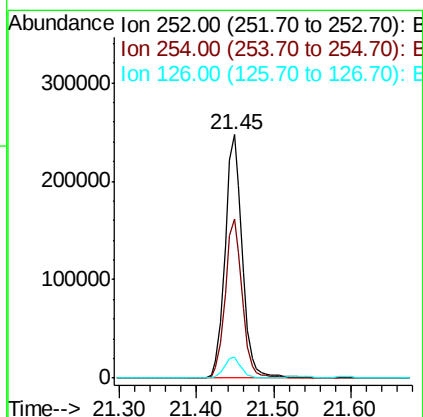
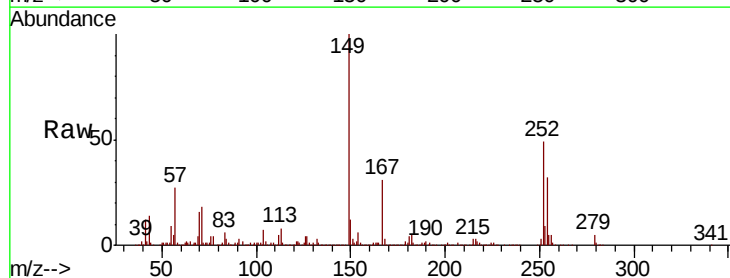
Instrument :
BNA_G
ClientSampleId :
PB131544BS

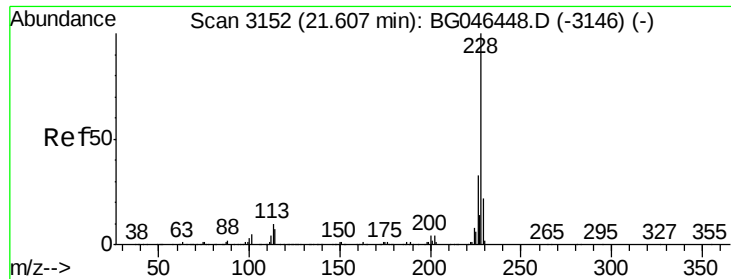
Tot Ion:228 Resp: 1185594
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.4
229 22.2 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 34.605 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion:252 Resp: 384729
Ion Ratio Lower Upper
252 100
254 65.6 51.9 77.9
126 8.8 7.4 11.0





#83

Chrysene

Concen: 38.885 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

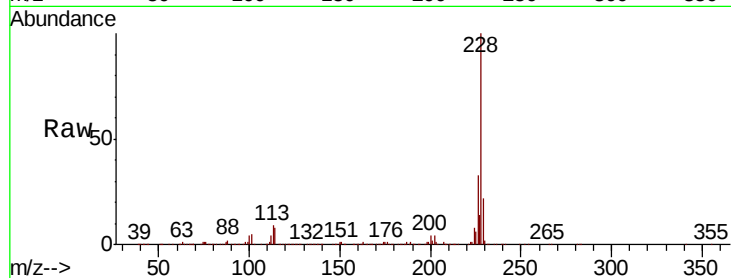
BNA_G

ClientSampleId :

PB131544BS

Tot Ion:228 Resp: 1120554

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

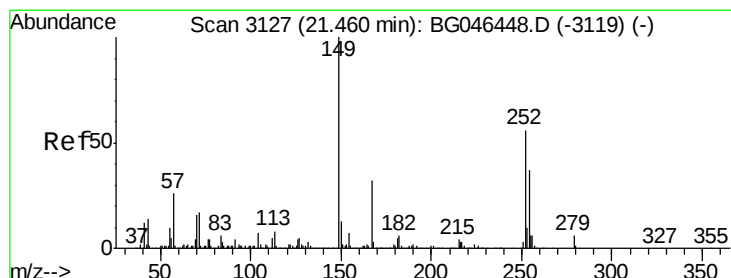
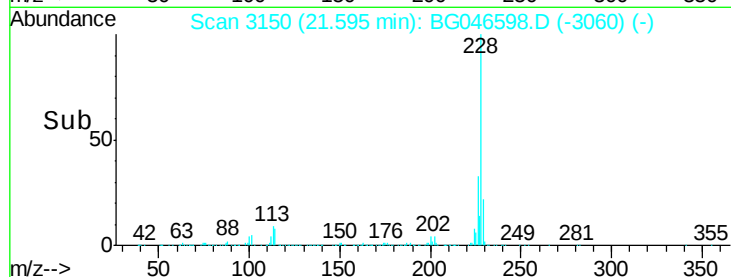
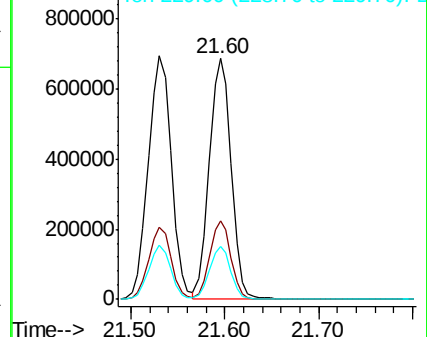


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.120 ng

RT: 21.45 min Scan# 3125

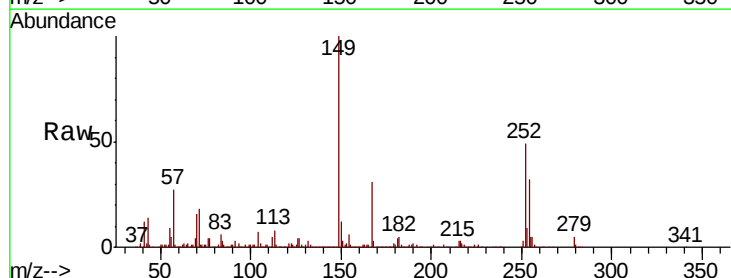
Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion:149 Resp: 653627

Ion	Ratio	Lower	Upper
149	100		
167	31.5	25.4	38.2
279	5.4	4.5	6.7

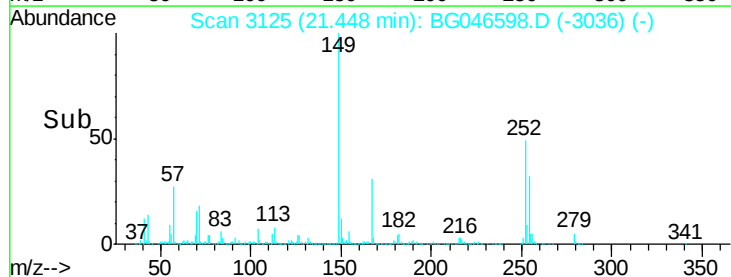
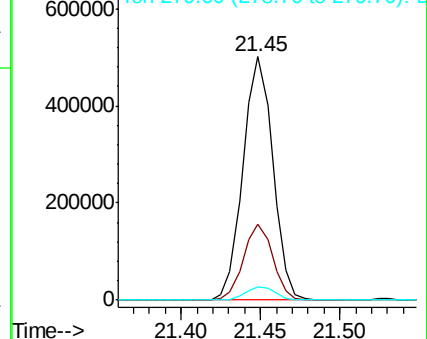


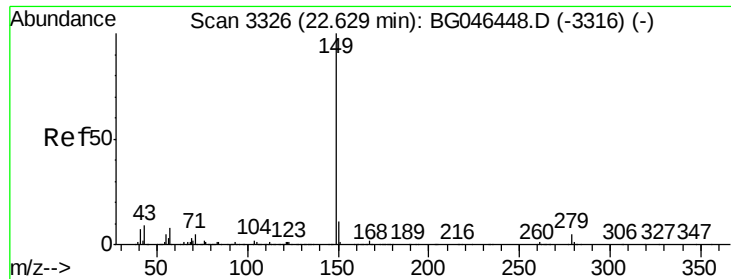
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.949 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

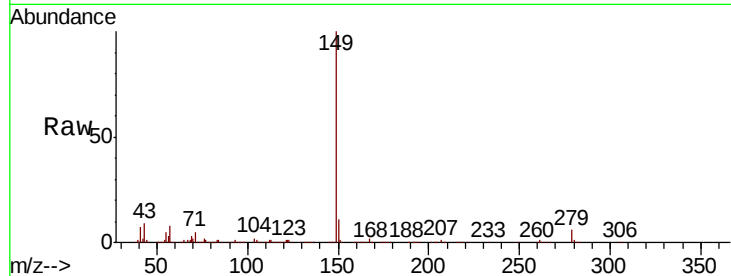
Tot Ion:149 Resp: 1142320

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

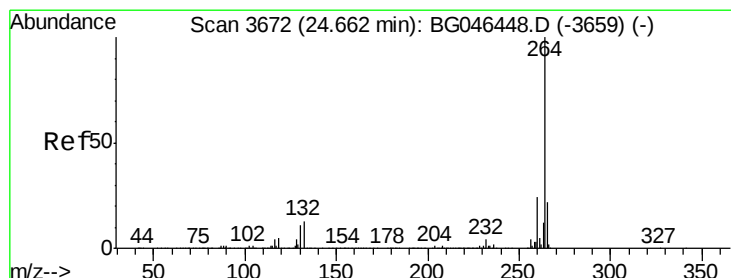
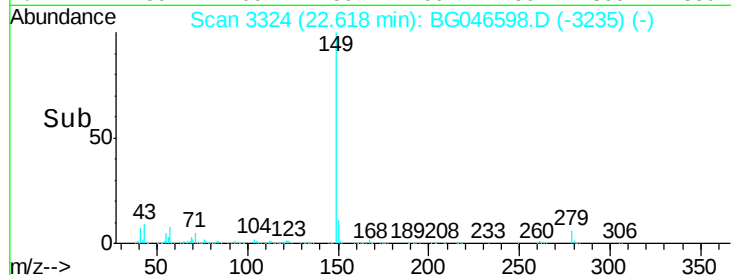
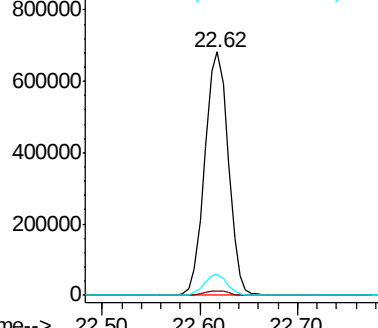
43 8.3 7.0 10.4



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: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

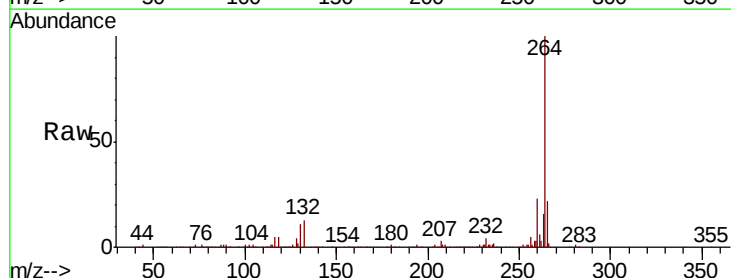
Tgt Ion:264 Resp: 478956

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

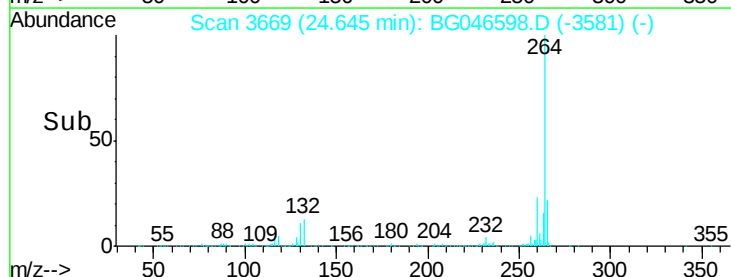
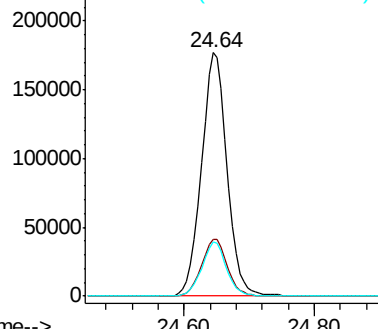
265 22.4 17.9 26.9

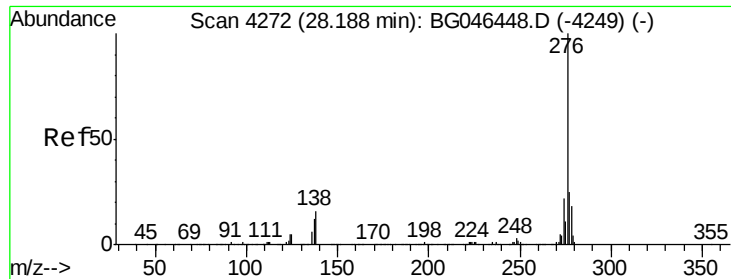


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



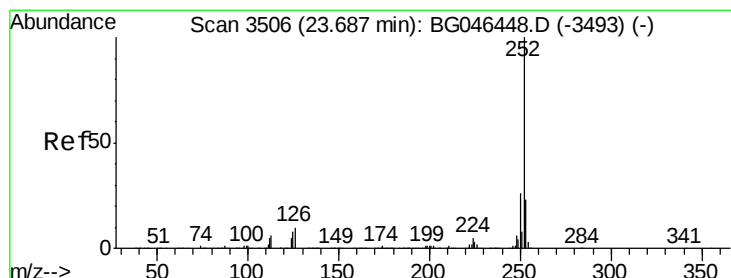
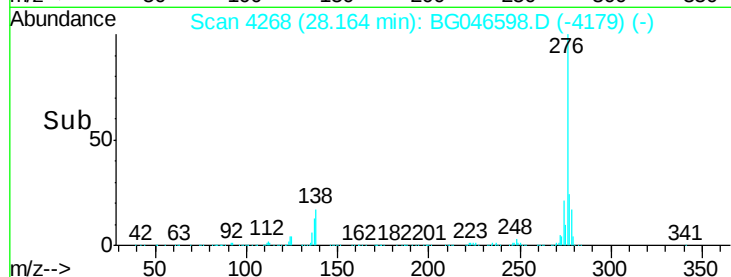
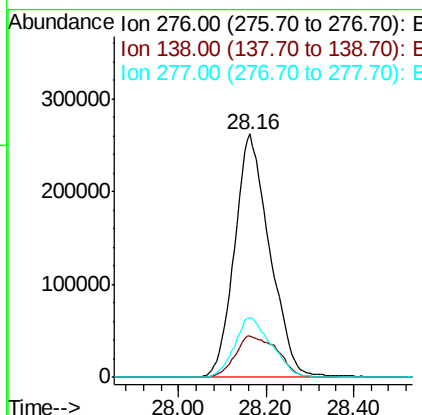
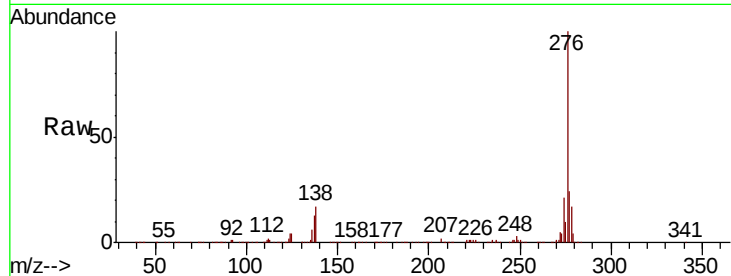


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.421 ng
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion:276 Resp: 1424876

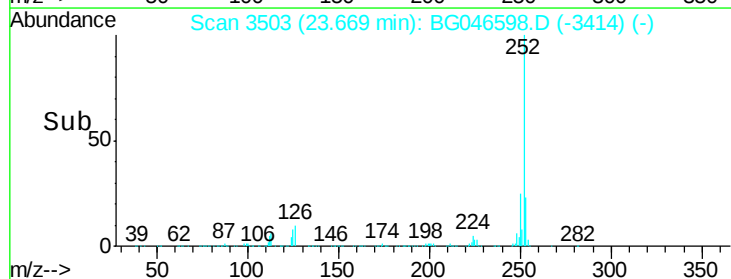
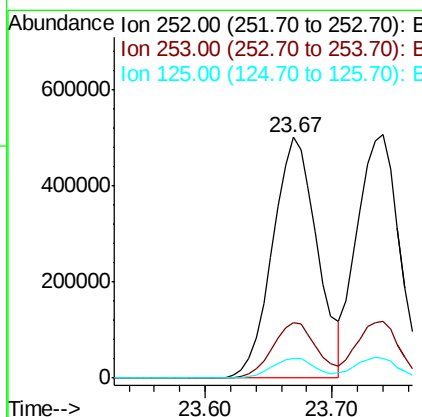
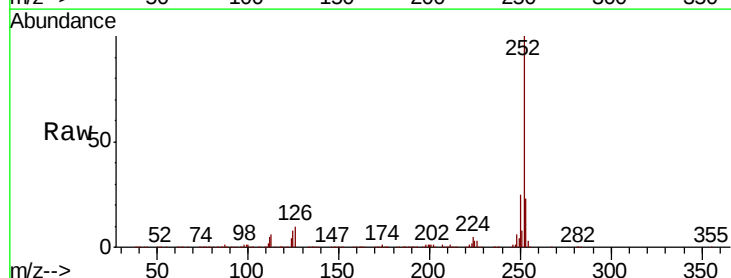
Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.5	24.7
277	25.8	20.7	31.1

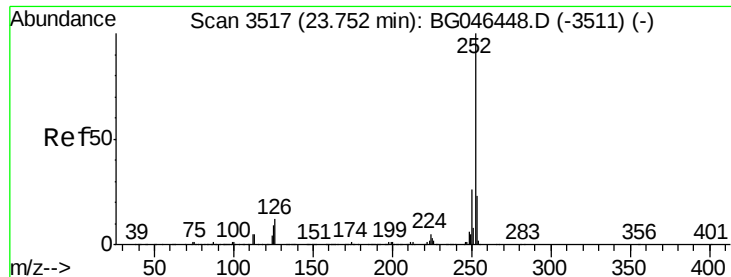


#88
 Benzo(b)fluoranthene
 Concen: 41.096 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion:252 Resp: 1229036

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	8.3	6.2	9.2

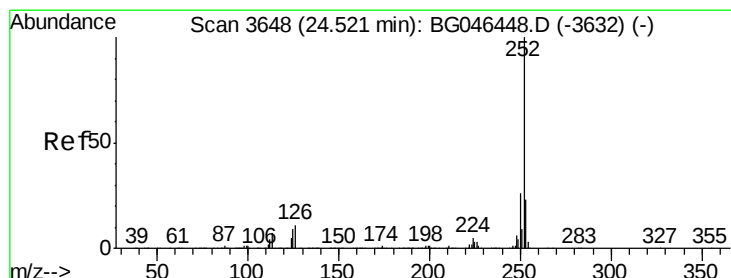
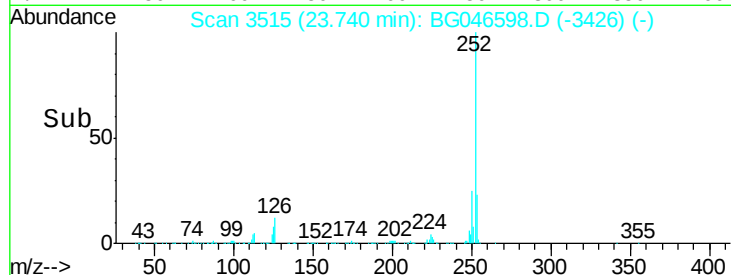
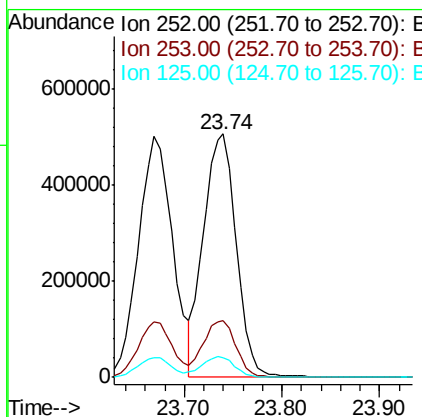
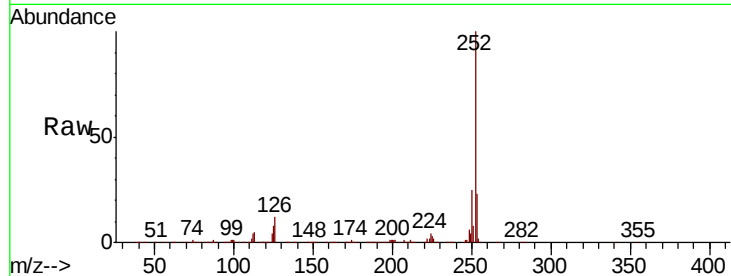




#89
Benzo(k)fluoranthene
Concen: 40.591 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

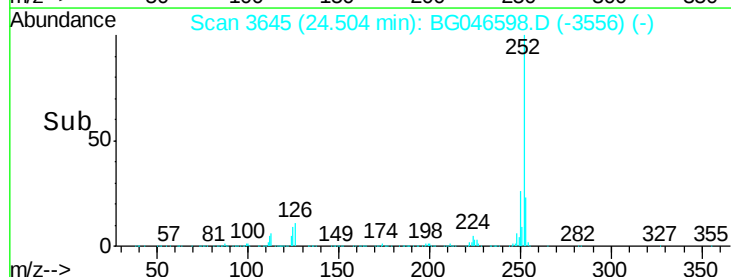
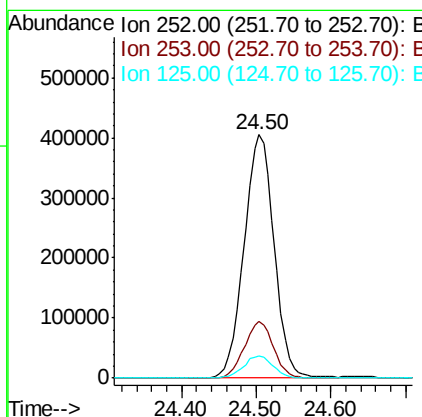
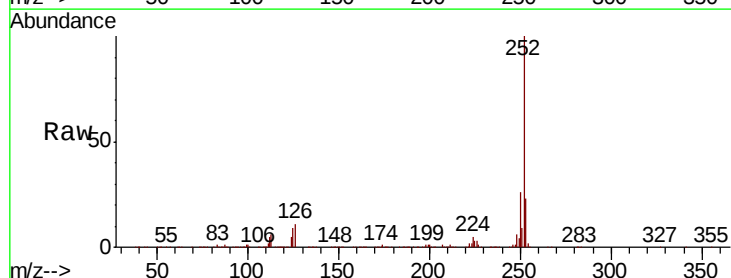
Instrument :
BNA_G
ClientSampleId :
PB131544BS

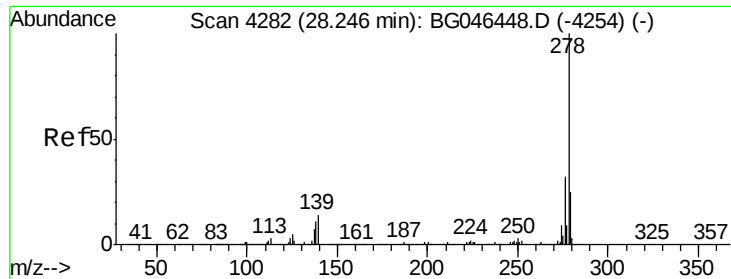
Tot Ion:252 Resp: 1173217
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 8.0 6.8 10.2



#90
Benzo(a)pyrene
Concen: 40.456 ng
RT: 24.50 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion:252 Resp: 1129091
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 9.3 7.4 11.0



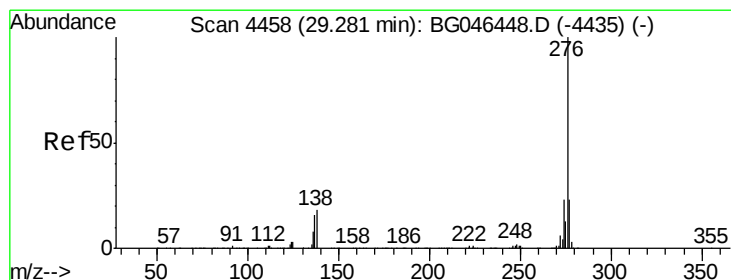
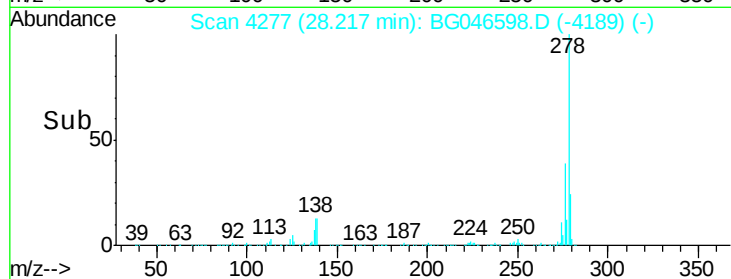
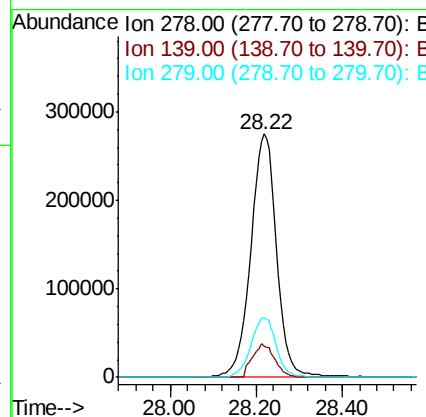
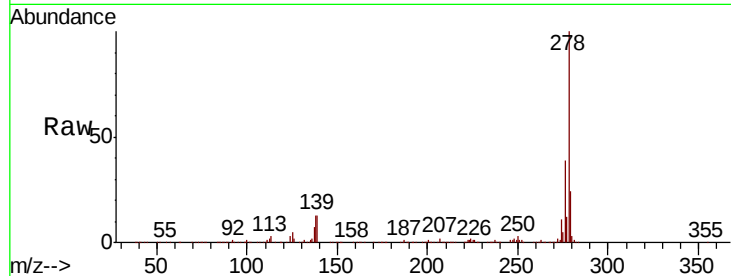


#91
Dibenzo(a,h)anthracene
Concen: 42.200 ng
RT: 28.22 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion:278 Resp: 1171461

Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.2	16.8
279	24.4	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 43.008 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion:276 Resp: 1192184

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	17.7	14.7	22.1

