

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046538.D
 Acq On : 4 Sep 2020 13:06
 Operator : CG/JU
 Sample : PB131426BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131426BS

Quant Time: Sep 04 13:44:00 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	74452	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	307498	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	208324	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	480686	20.00	ng	0.00
76) Chrysene-d12	21.55	240	472745	20.00	ng	0.00
86) Perylene-d12	24.65	264	457352	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	477562	113.61	ng	0.00
7) Phenol-d6	7.11	99	619065	103.89	ng	0.00
23) Nitrobenzene-d5	9.09	82	504040	93.69	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	252616	89.50	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1255156	91.98	ng	0.00
79) Terphenyl-d14	19.92	244	1591786	71.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	60162	34.402	ng	94
3) Pyridine	3.81	79	135623	26.506	ng	98
4) n-Nitrosodimethylamine	3.72	42	75289	39.896	ng	# 98
6) Aniline	7.25	93	220329	32.858	ng	99
8) 2-Chlorophenol	7.50	128	188613	42.454	ng	99
9) Benzaldehyde	7.06	77	111503	33.399	ng	94
10) Phenol	7.14	94	233627	42.567	ng	100
11) bis(2-Chloroethyl)ether	7.35	93	175444	39.768	ng	99
12) 1,3-Dichlorobenzene	7.82	146	210686	37.352	ng	100
13) 1,4-Dichlorobenzene	7.96	146	214149	37.923	ng	98
14) 1,2-Dichlorobenzene	8.29	146	199141	36.779	ng	100
15) Benzyl Alcohol	8.17	79	158837	41.518	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	267079	39.029	ng	99
17) 2-Methylphenol	8.38	107	161893	41.592	ng	99
18) Hexachloroethane	9.01	117	71134	37.152	ng	99
19) n-Nitroso-di-n-propylamine	8.73	70	139564	39.155	ng	99
20) 3+4-Methylphenols	8.70	107	222587	41.431	ng	98
22) Acetophenone	8.75	105	270446	36.131	ng	# 98
24) Nitrobenzene	9.13	77	201638	37.936	ng	99
25) Isophorone	9.65	82	380165	38.542	ng	99
26) 2-Nitrophenol	9.84	139	110305	39.334	ng	98
27) 2,4-Dimethylphenol	9.90	122	176831	45.846	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	234961	37.009	ng	100
29) 2,4-Dichlorophenol	10.38	162	202369	39.358	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	217889	35.715	ng	96
31) Naphthalene	10.78	128	560713	37.346	ng	99
32) Benzoic acid	10.05	122	77010	31.305	ng	99
33) 4-Chloroaniline	10.88	127	154956	23.405	ng	99
34) Hexachlorobutadiene	11.07	225	141781	35.800	ng	99
35) Caprolactam	11.65	113	41593	21.640	ng	90
36) 4-Chloro-3-methylphenol	12.02	107	191119	38.004	ng	94
37) 2-Methylnaphthalene	12.38	142	445141	37.593	ng	99
38) 1-Methylnaphthalene	12.61	142	418553	37.316	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	260185	37.874	ng	99

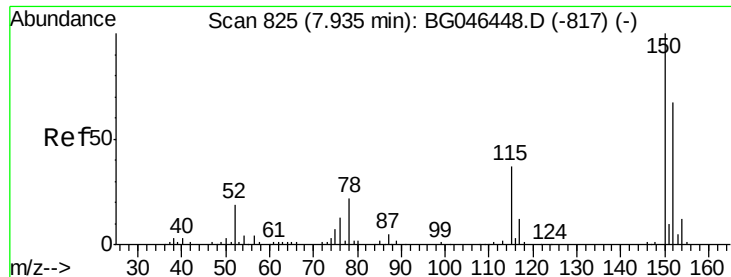
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046538.D
 Acq On : 4 Sep 2020 13:06
 Operator : CG/JU
 Sample : PB131426BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	301851	101.051	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	175262	37.805	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	186683	38.327	ng	99
46) 1,1'-Biphenyl	13.39	154	568642	39.233	ng	99
47) 2-Chloronaphthalene	13.43	162	442893	36.040	ng	99
48) 2-Nitroaniline	13.63	65	120804	35.402	ng	97
49) Acenaphthylene	14.28	152	704786	37.808	ng	99
50) Dimethylphthalate	14.02	163	562278	34.887	ng	100
51) 2,6-Dinitrotoluene	14.13	165	129144	36.351	ng	98
52) Acenaphthene	14.63	154	415281	35.950	ng	99
53) 3-Nitroaniline	14.46	138	95487	24.812	ng	98
54) 2,4-Dinitrophenol	14.67	184	160753	77.518	ng	97
55) Dibenzofuran	14.96	168	675563	36.441	ng	99
56) 4-Nitrophenol	14.79	139	201987	71.317	ng	97
57) 2,4-Dinitrotoluene	14.92	165	178321	35.201	ng	97
58) Fluorene	15.61	166	550033	35.350	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	175785	37.165	ng	98
60) Diethylphthalate	15.38	149	550552	35.036	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	304041	35.481	ng	97
62) 4-Nitroaniline	15.63	138	125384	30.878	ng	96
63) Azobenzene	15.90	77	467387	36.565	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	115495	42.450	ng	97
66) n-Nitrosodiphenylamine	15.81	169	494603	38.141	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	206552	36.831	ng	97
68) Hexachlorobenzene	16.62	284	216451	34.850	ng	96
69) Atrazine	16.77	200	180773	34.171	ng	98
70) Pentachlorophenol	16.97	266	258367	79.620	ng	99
71) Phenanthrene	17.35	178	883113	36.246	ng	100
72) Anthracene	17.44	178	903346	37.579	ng	100
73) Carbazole	17.71	167	814842	35.902	ng	99
74) Di-n-butylphthalate	18.27	149	954879	36.587	ng	100
75) Fluoranthene	19.36	202	1109864	35.397	ng	99
77) Benzidine	19.53	184	458894	41.774	ng	99
78) Pyrene	19.71	202	1102881	36.636	ng	99
80) Butylbenzylphthalate	20.61	149	435033	37.049	ng	98
81) Benzo(a)anthracene	21.53	228	1082304	36.731	ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	325909	29.804	ng	100
83) Chrysene	21.59	228	1034681	36.504	ng	98
84) Bis(2-ethylhexyl)phthalate	21.45	149	614799	38.367	ng	100
85) Di-n-octyl phthalate	22.62	149	1066324	38.863	ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1293090	39.366	ng	100
88) Benzo(b)fluoranthene	23.67	252	1106695	38.753	ng	99
89) Benzo(k)fluoranthene	23.74	252	1101414	39.907	ng	99
90) Benzo(a)pyrene	24.51	252	1030976	38.685	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1066438	40.232	ng	99
92) Benzo(g,h,i)perylene	29.26	276	1095509	41.387	ng	99

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

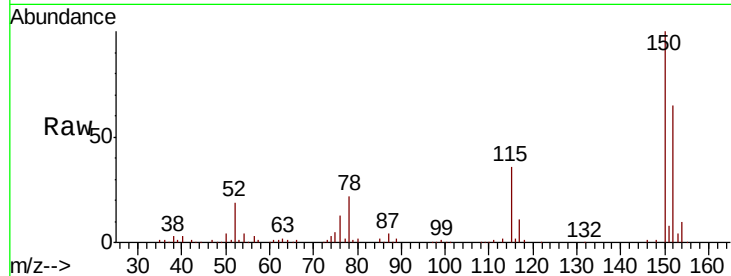


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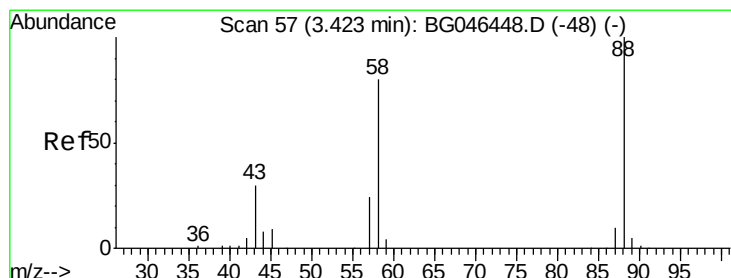
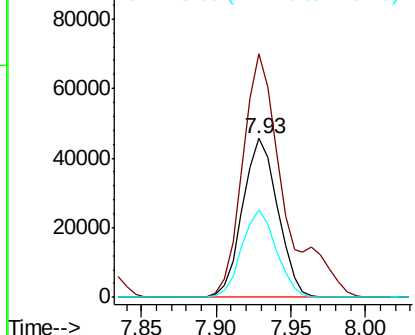
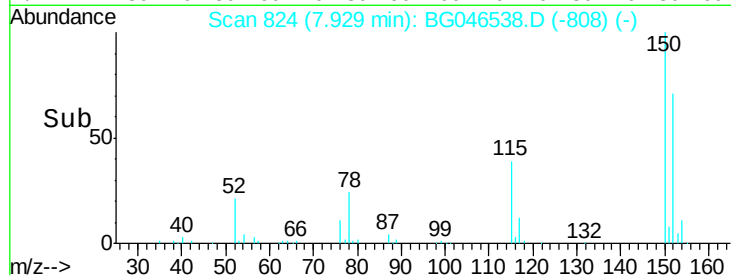
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

Instrument :
 BNA_G
 ClientSampleId :
 PB131426BS

Tot Ion:152 Resp: 74452
 Ion Ratio Lower Upper
 152 100
 150 153.4 119.5 179.3
 115 55.1 44.3 66.5



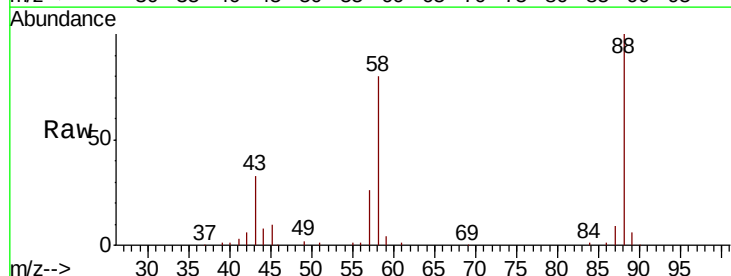
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



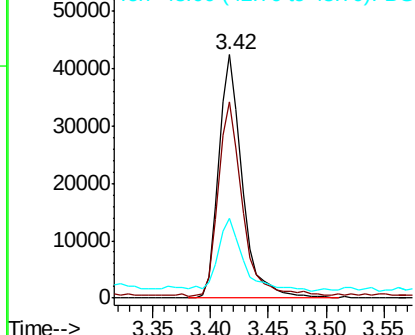
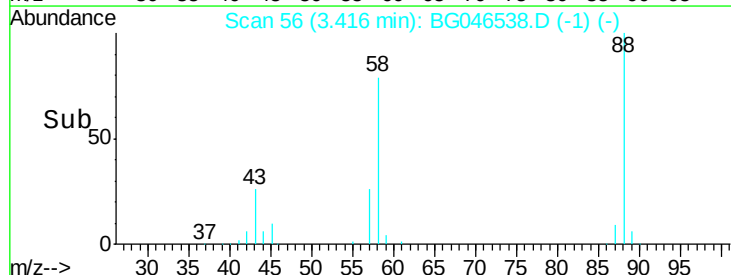
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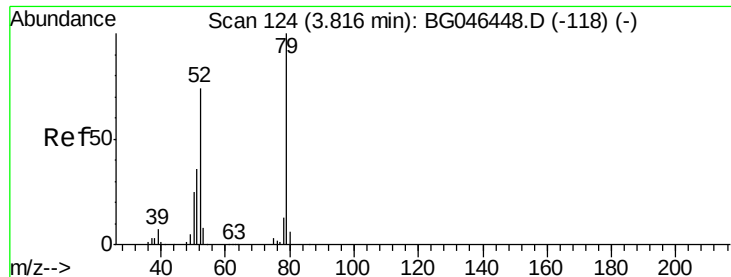
1,4-Dioxane
 Concen: 34.402 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.01 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

Tgt Ion: 88 Resp: 60162
 Ion Ratio Lower Upper
 88 100
 58 81.3 61.4 92.2
 43 32.2 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: 26.506 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

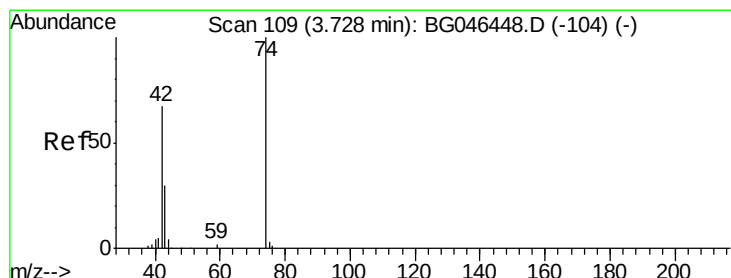
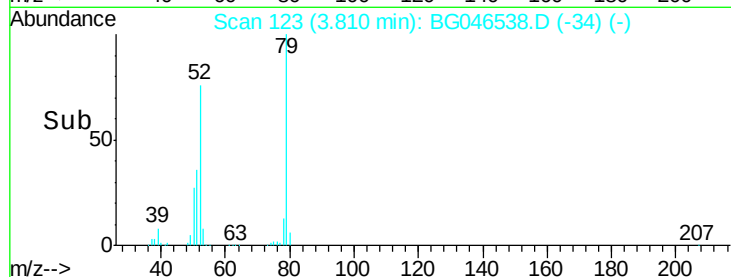
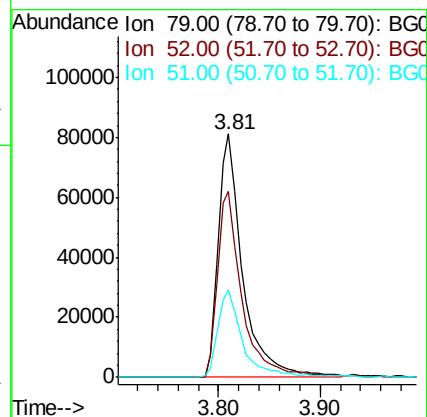
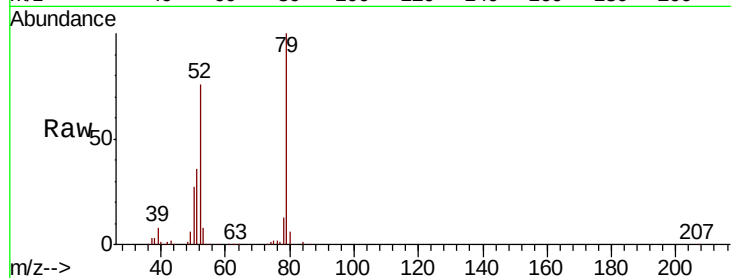
Tot Ion: 79 Resp: 135623

Ion Ratio Lower Upper

79 100

52 76.4 59.1 88.7

51 36.0 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 39.896 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

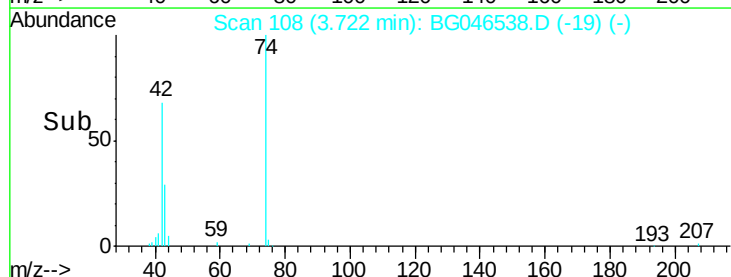
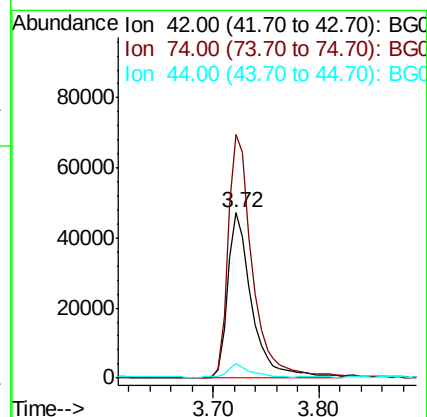
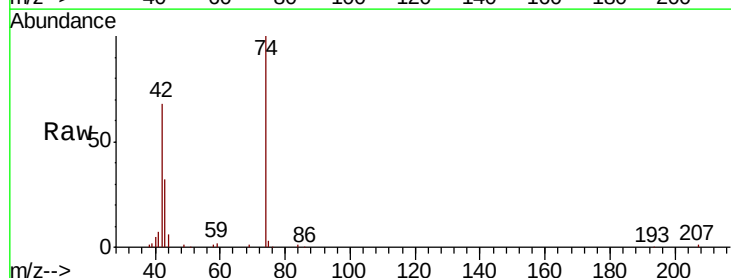
Tgt Ion: 42 Resp: 75289

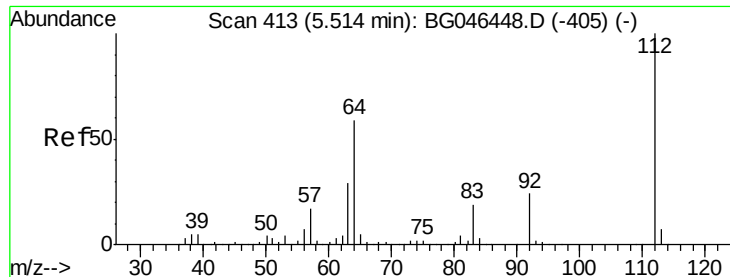
Ion Ratio Lower Upper

42 100

74 147.1 119.5 179.3

44 8.9 5.7 8.5#





#5

2-Fluorophenol

Concen: 113.610 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

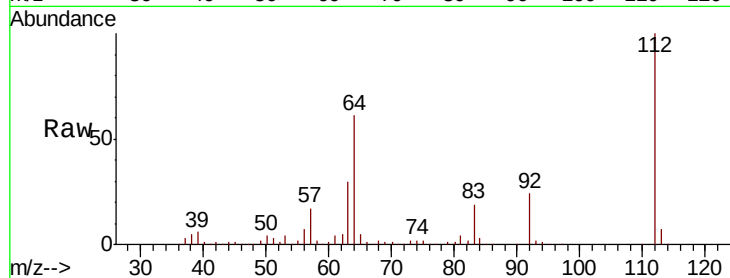
Tot Ion:112 Resp: 477562

Ion Ratio Lower Upper

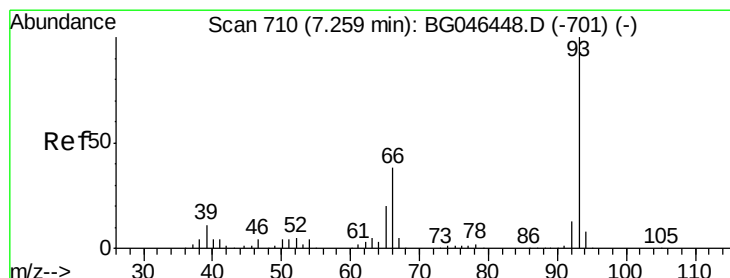
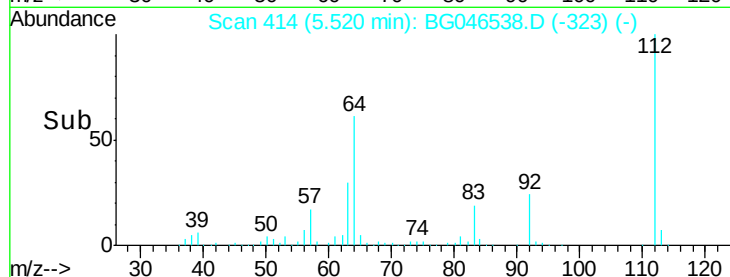
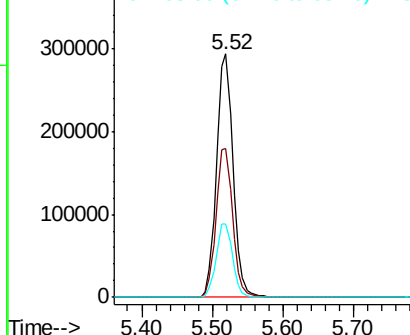
112 100

64 61.2 47.0 70.6

63 30.2 23.5 35.3



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



#6

Aniline

Concen: 32.858 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

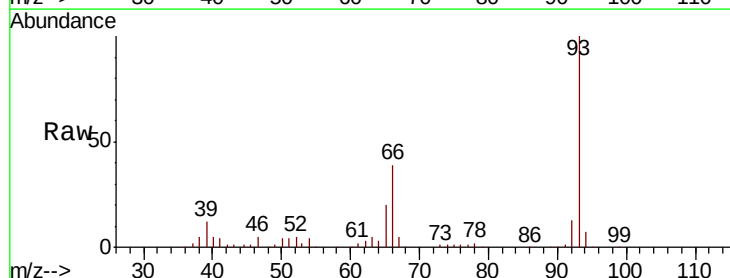
Tgt Ion: 93 Resp: 220329

Ion Ratio Lower Upper

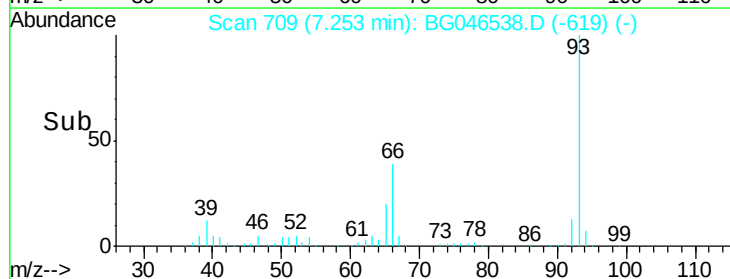
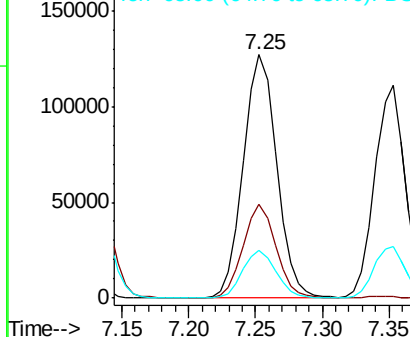
93 100

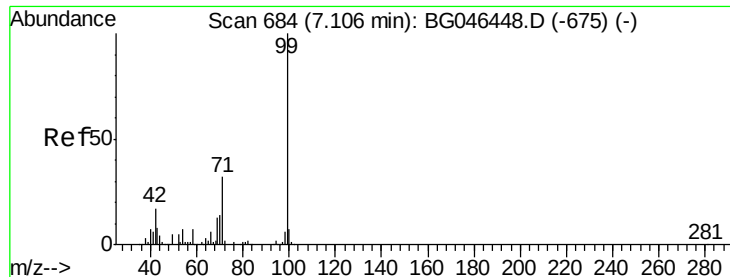
66 38.6 30.4 45.6

65 19.7 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: 103.889 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

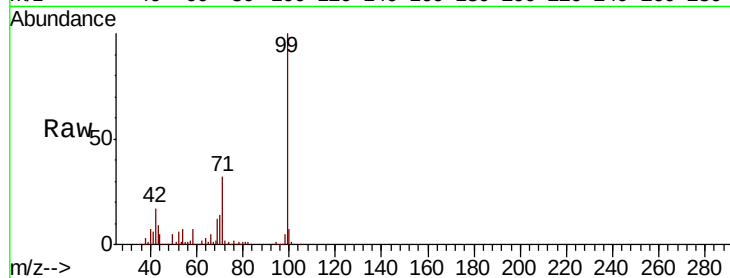
Tot Ion: 99 Resp: 619065

Ion Ratio Lower Upper

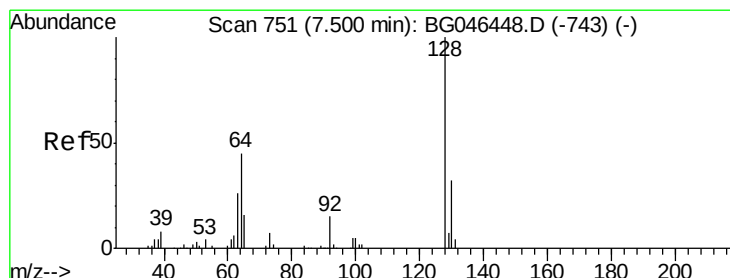
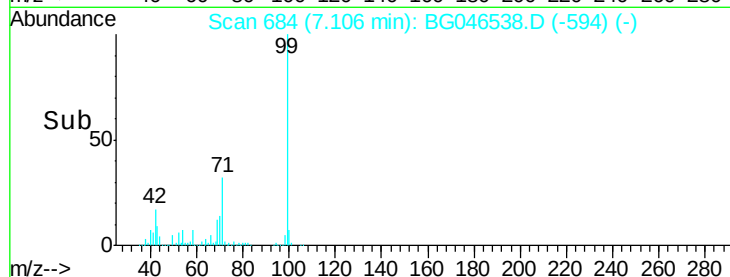
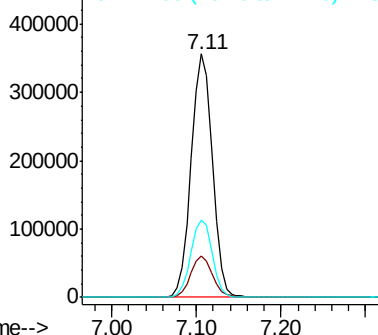
99 100

42 16.9 13.3 19.9

71 32.0 25.3 37.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.454 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

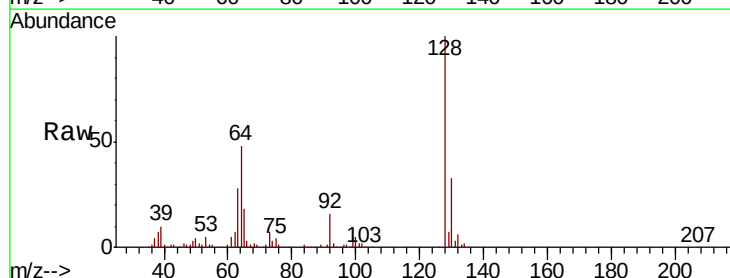
Tgt Ion: 128 Resp: 188613

Ion Ratio Lower Upper

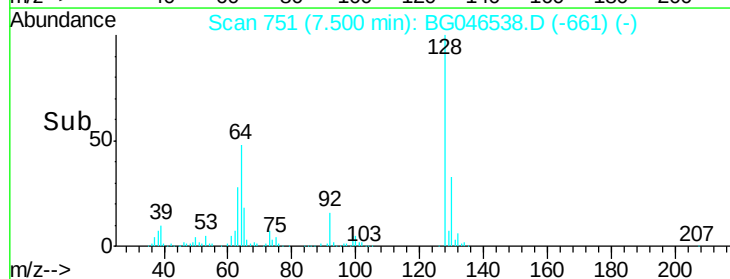
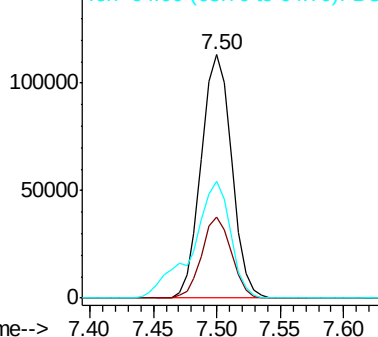
128 100

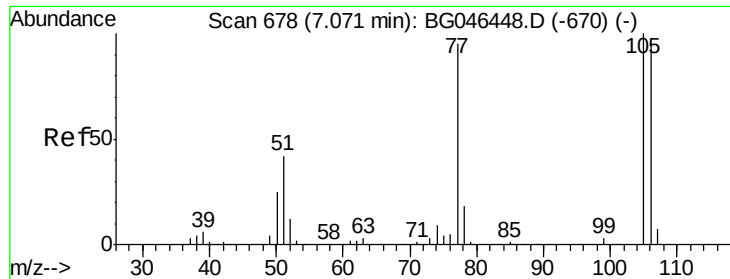
130 33.2 12.4 52.4

64 48.1 28.1 68.1



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

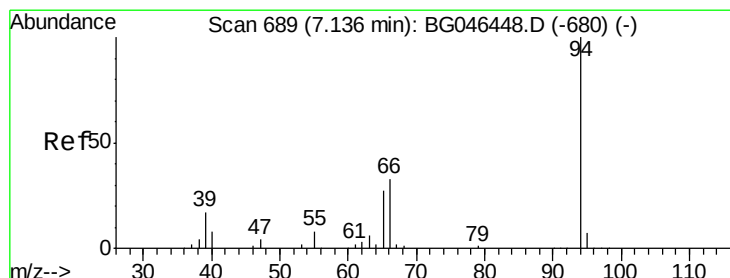
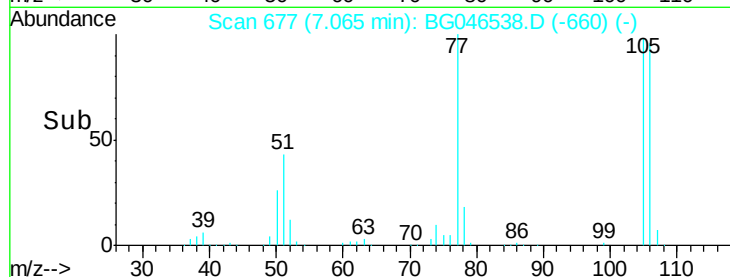
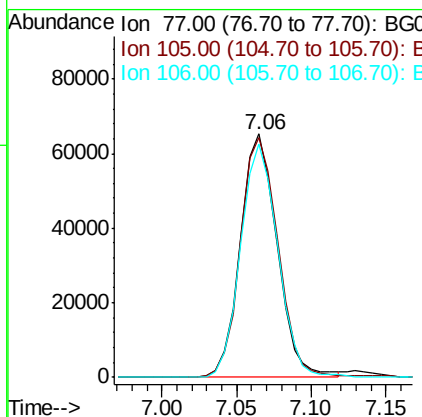
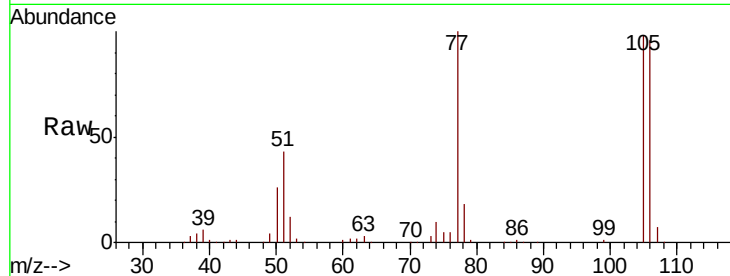




#9
Benzaldehyde
Concen: 33.399 ng
RT: 7.06 min Scan# 677
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

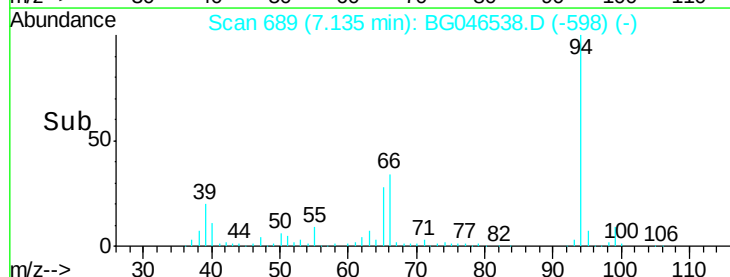
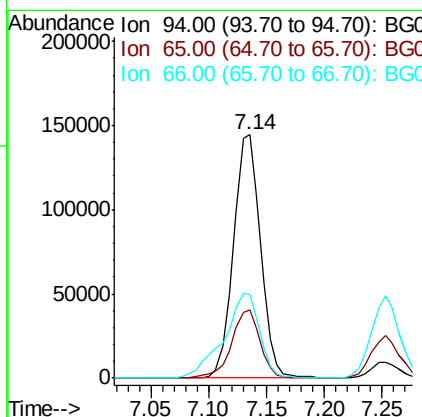
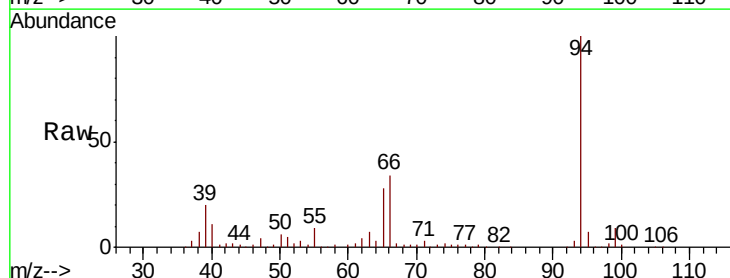
Instrument :
BNA_G
ClientSampleId :
PB131426BS

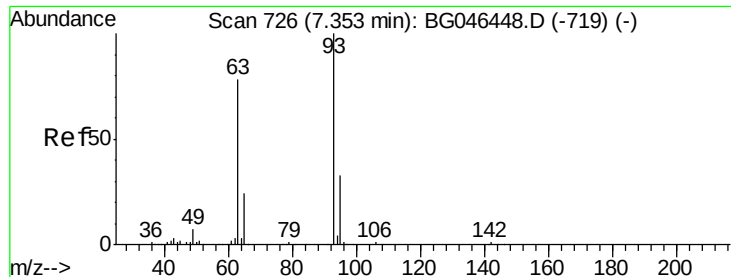
Tot Ion: 77 Resp: 111503
Ion Ratio Lower Upper
77 100
105 98.4 85.6 125.6
106 95.7 80.8 120.8



#10
Phenol
Concen: 42.567 ng
RT: 7.14 min Scan# 689
Delta R.T. 0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion: 94 Resp: 233627
Ion Ratio Lower Upper
94 100
65 27.8 7.5 47.5
66 34.3 14.1 54.1





#11

bis(2-Chloroethyl)ether

Concen: 39.768 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

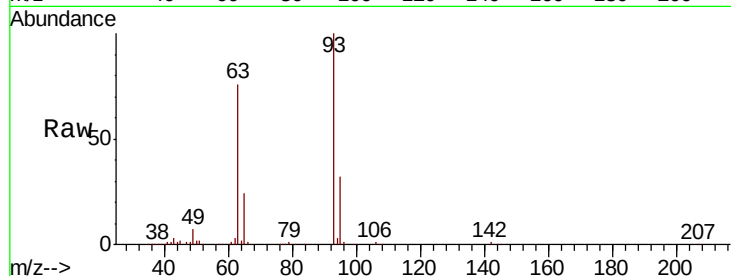
Tot Ion: 93 Resp: 175444

Ion Ratio Lower Upper

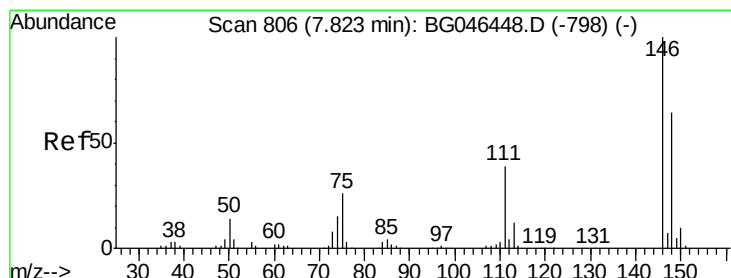
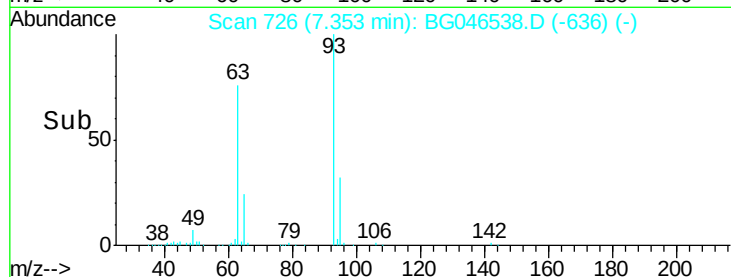
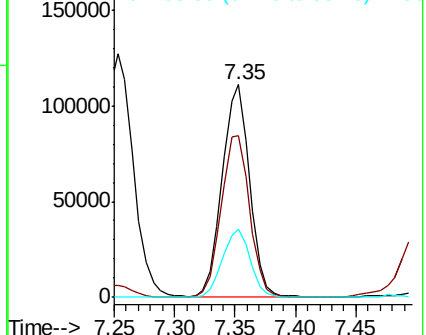
93 100

63 76.2 57.7 97.7

95 31.9 12.3 52.3



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



#12

1,3-Dichlorobenzene

Concen: 37.352 ng

RT: 7.82 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

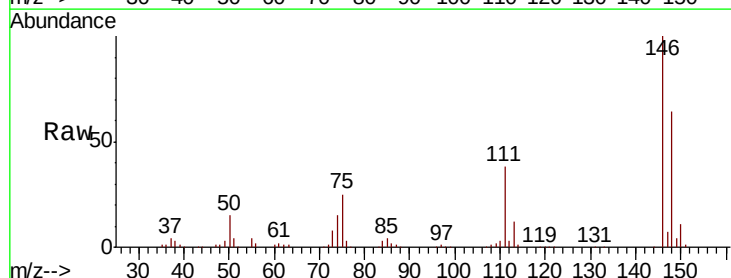
Tgt Ion: 146 Resp: 210686

Ion Ratio Lower Upper

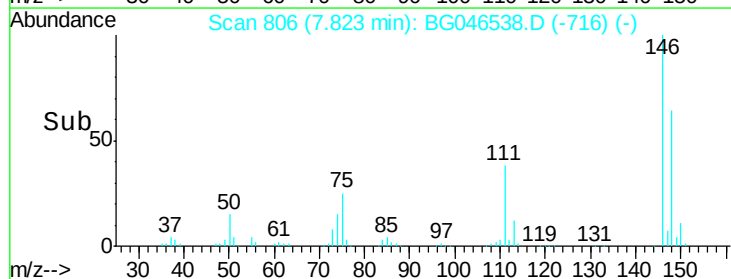
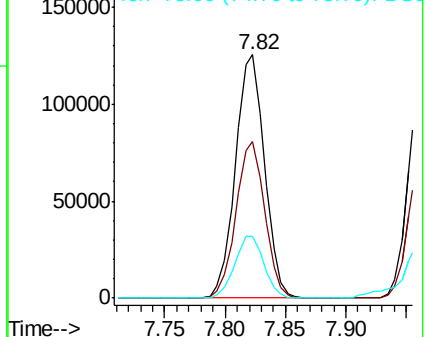
146 100

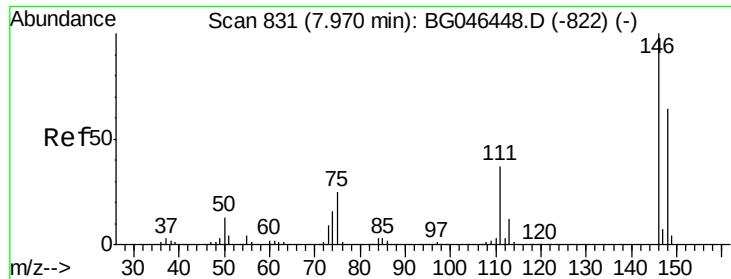
148 64.1 51.4 77.0

75 25.3 20.7 31.1



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

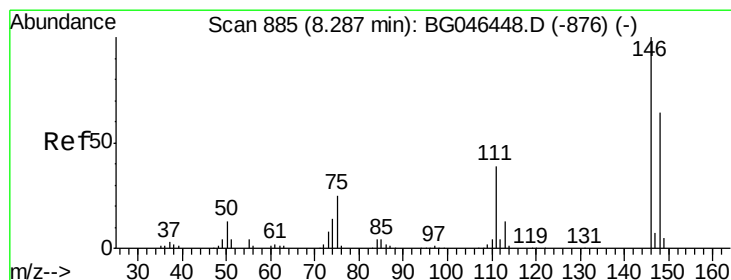
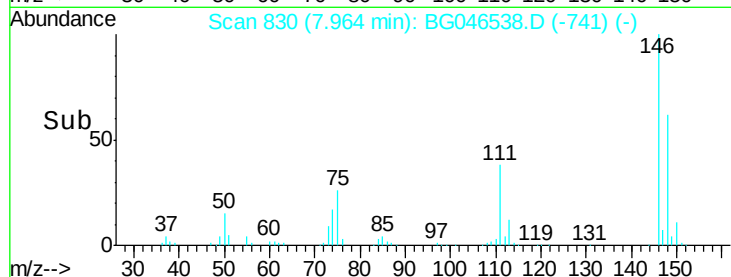
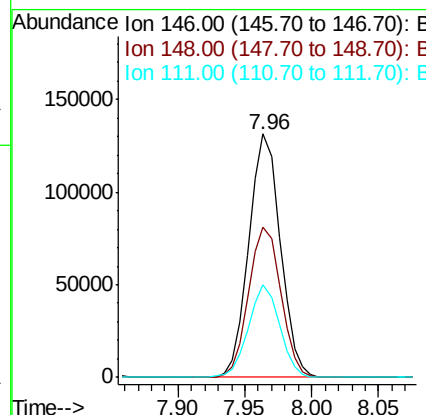
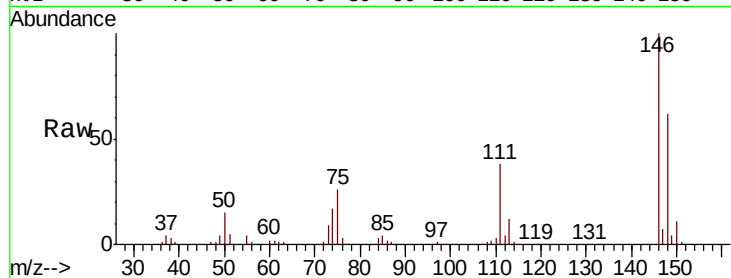




#13
 1,4-Dichlorobenzene
 Concen: 37.923 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

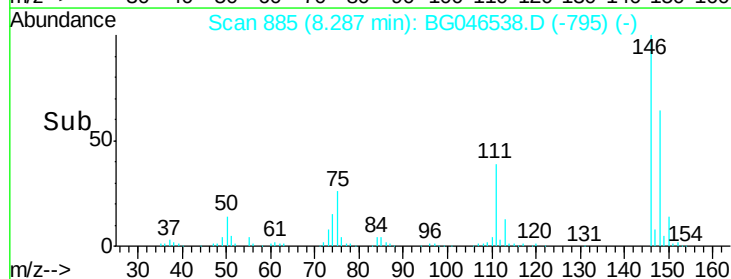
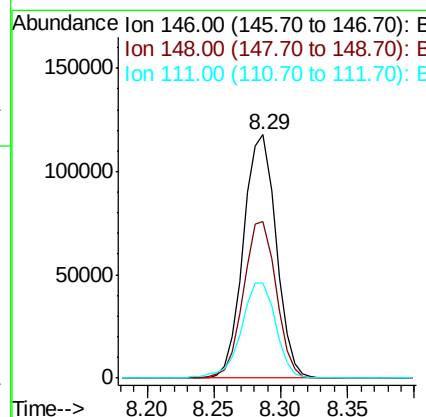
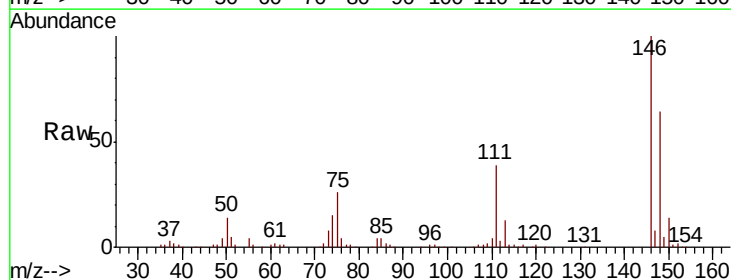
Instrument :
 BNA_G
 ClientSampleId :
 PB131426BS

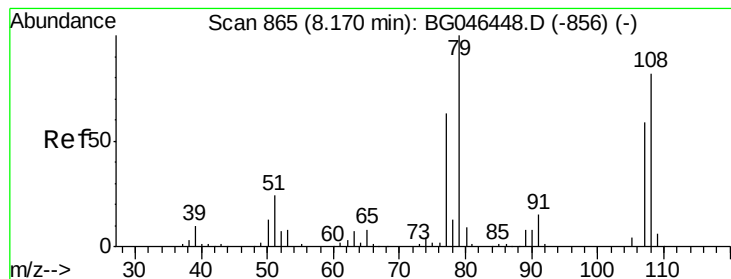
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.9	76.3
111	37.9	29.8	44.6



#14
 1,2-Dichlorobenzene
 Concen: 36.779 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
111	38.9	31.4	47.2





#15

Benzyl Alcohol

Concen: 41.518 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

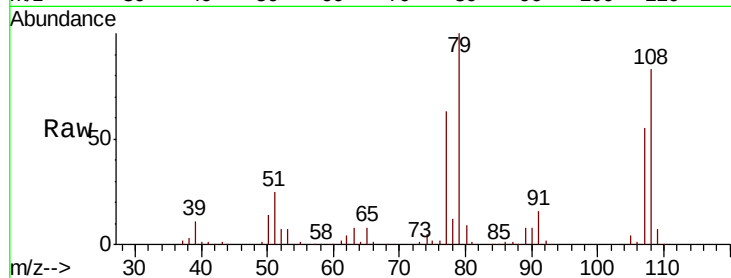
Tot Ion: 79 Resp: 158837

Ion Ratio Lower Upper

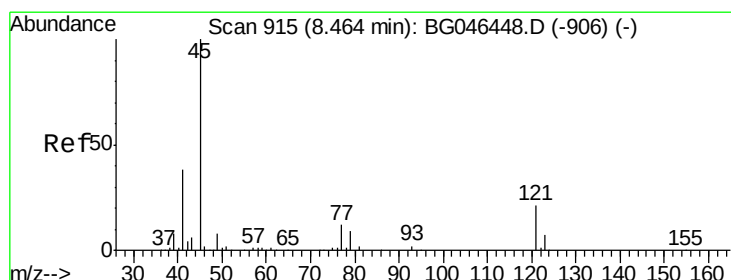
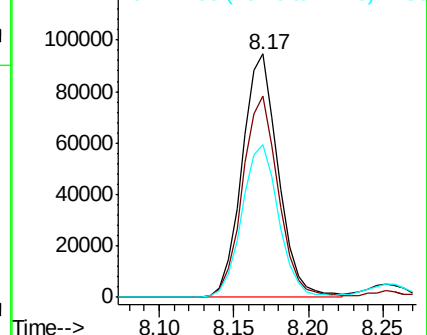
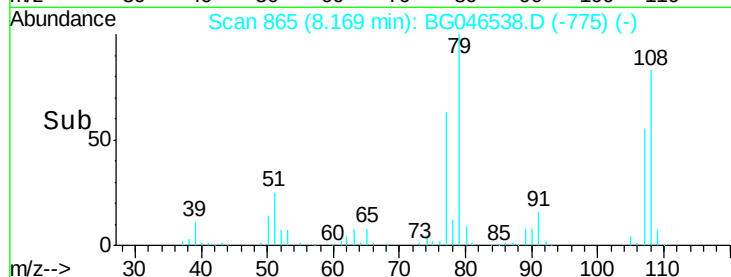
79 100

108 82.6 65.7 98.5

77 62.8 50.3 75.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.029 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

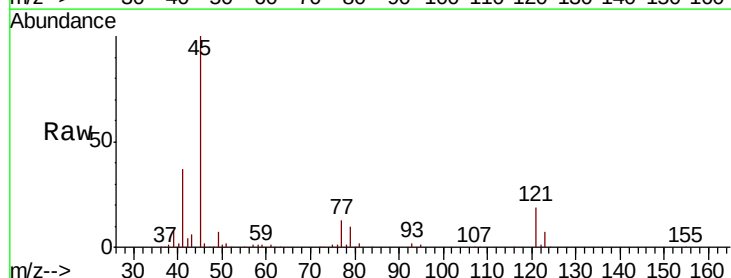
Tgt Ion: 45 Resp: 267079

Ion Ratio Lower Upper

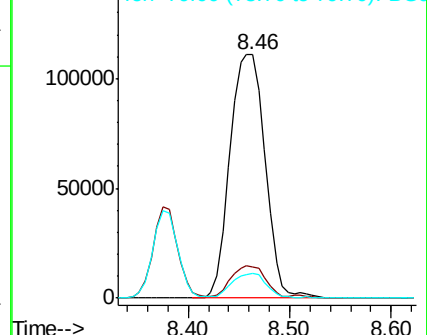
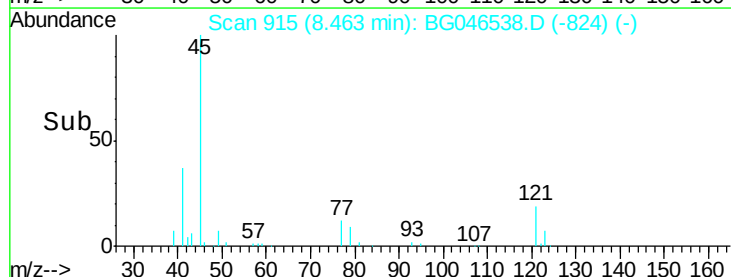
45 100

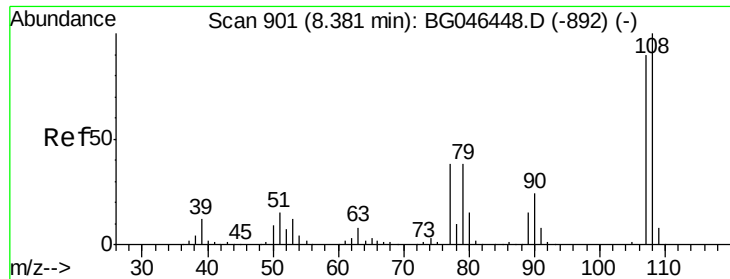
77 13.0 0.0 33.2

79 10.1 0.0 30.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.592 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

Tot Ion:107 Resp: 161893

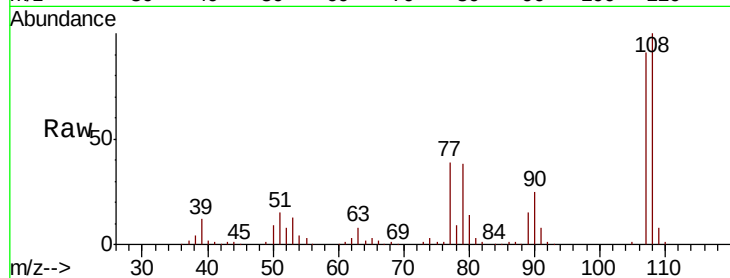
Ion Ratio Lower Upper

107 100

108 110.0 89.4 134.0

77 43.4 34.5 51.7

79 41.8 33.8 50.6

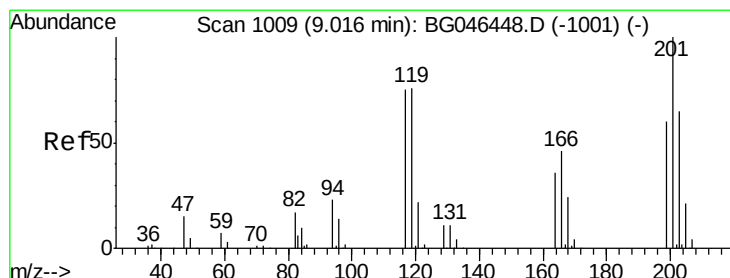
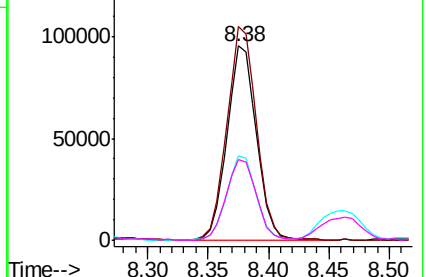
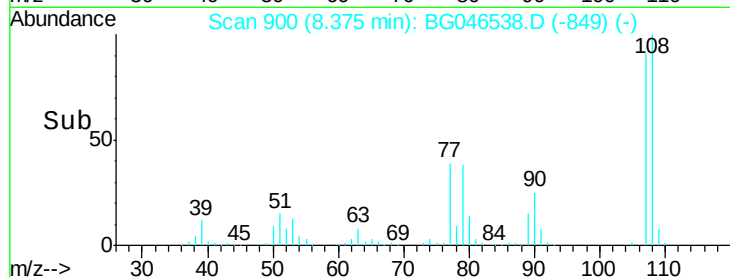


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.152 ng

RT: 9.01 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

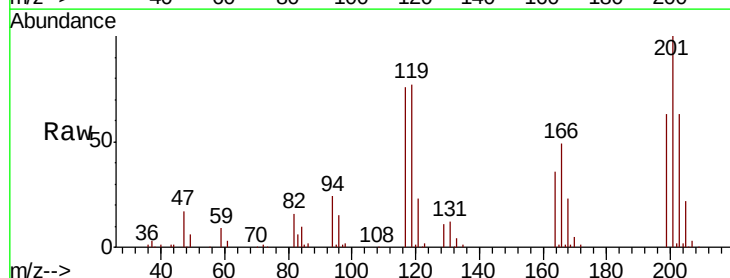
Tgt Ion:117 Resp: 71134

Ion Ratio Lower Upper

117 100

119 100.5 80.8 121.2

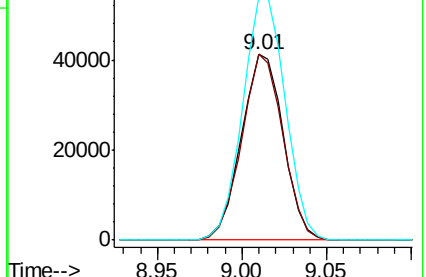
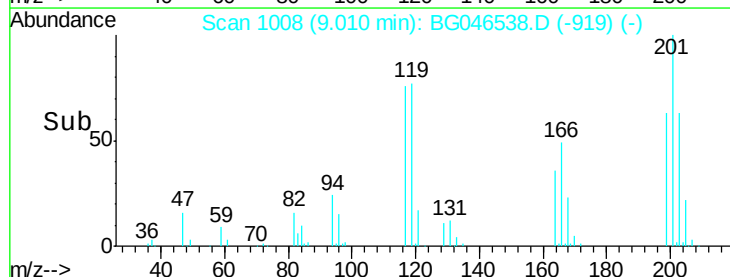
201 131.2 106.7 160.1

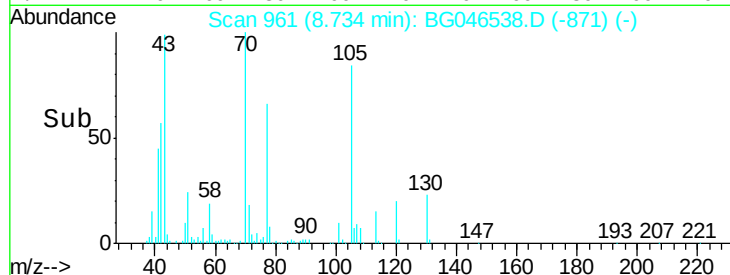
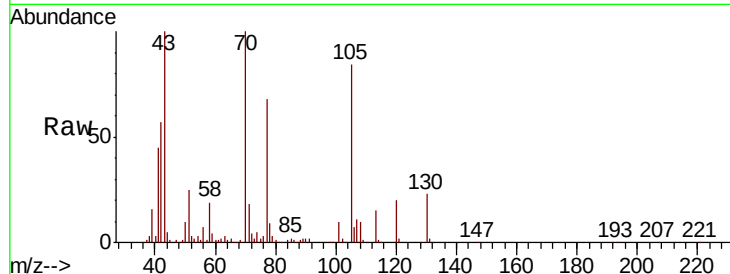
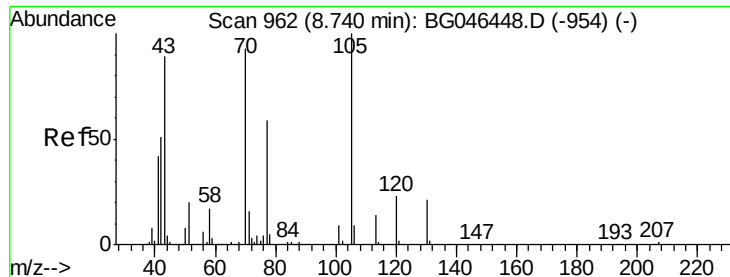


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

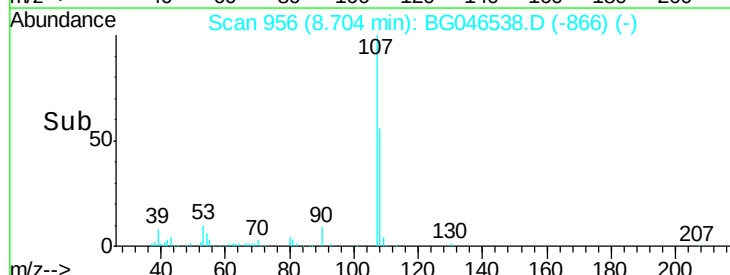
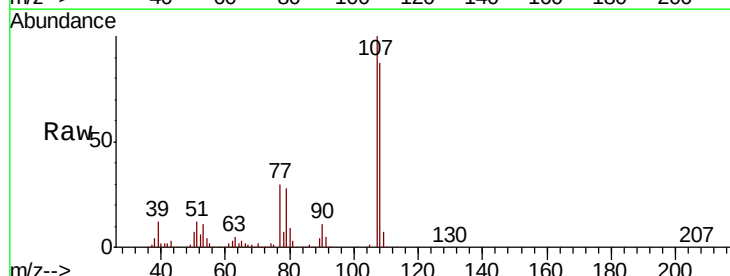
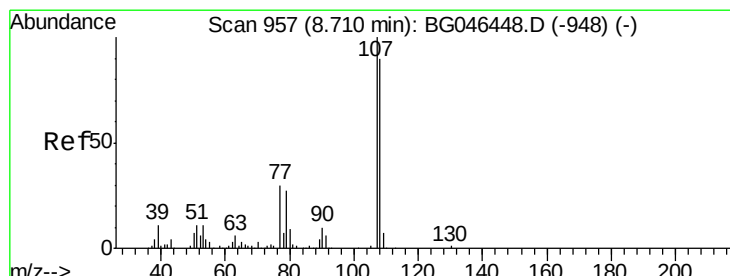
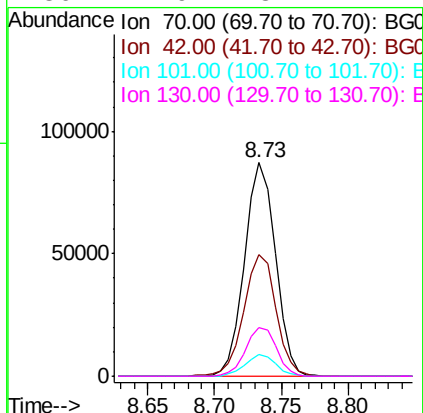




#19
n-Nitroso-di-n-propylamine
Concen: 39.155 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

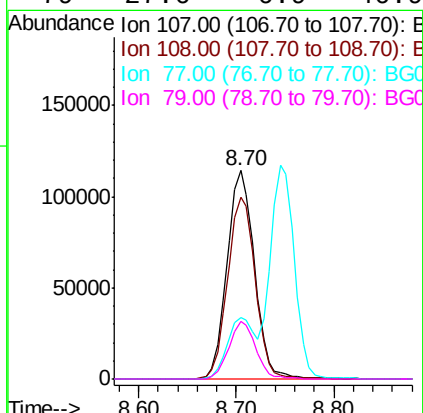
Instrument :
BNA_G
ClientSampleId :
PB131426BS

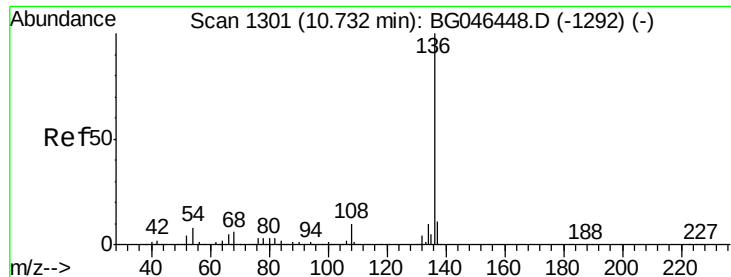
Tot Ion:	70	Resp:	139564
Ion	Ratio	Lower	Upper
70	100		
42	56.7	44.2	66.2
101	10.1	7.8	11.8
130	22.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 41.431 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:	107	Resp:	222587
Ion	Ratio	Lower	Upper
107	100		
108	87.4	69.7	109.7
77	29.7	9.7	49.7
79	27.6	6.9	46.9

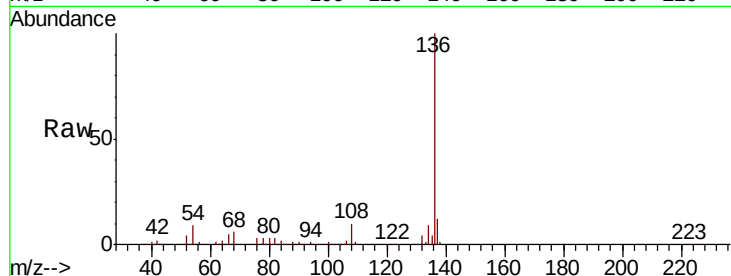




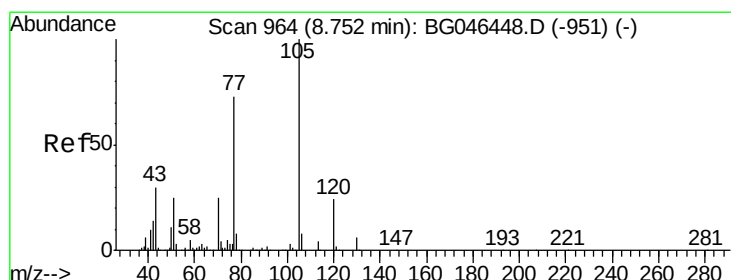
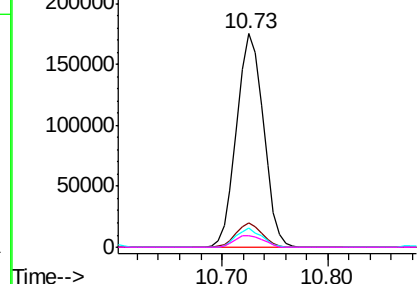
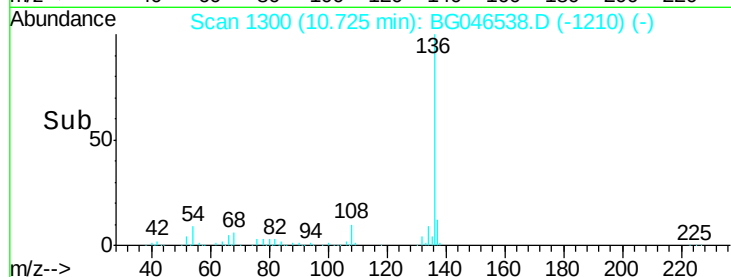
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion:136	Resp:	307498	
Ion Ratio	Lower	Upper	
136 100			
137 11.7	8.8	13.2	
54 8.8	6.1	9.1	
68 5.7	4.8	7.2	

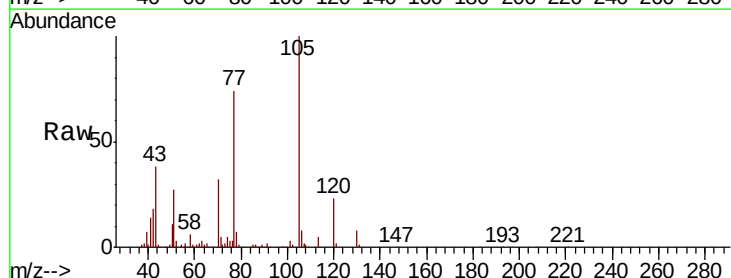


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

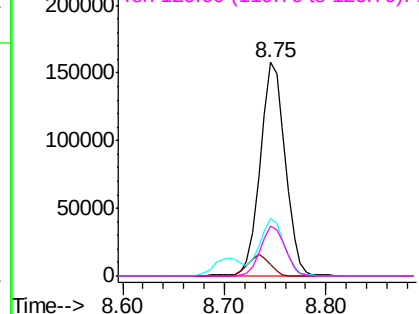
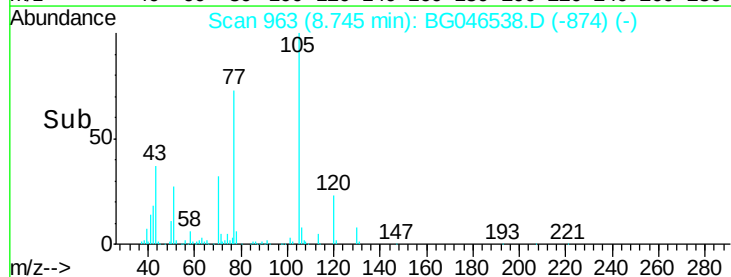


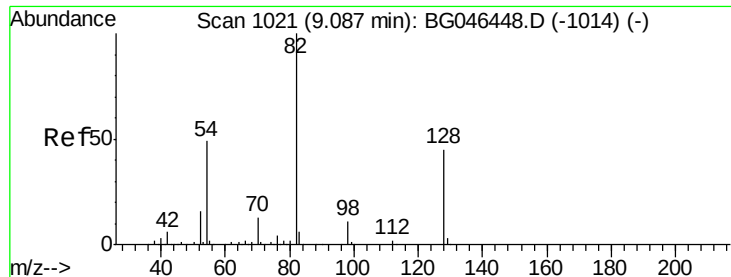
#22
Acetophenone
Concen: 36.131 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt	Ion:105	Resp:	270446
Ion	Ratio	Lower	Upper
105	100		
71	5.3	3.3	4.9#
51	26.8	20.6	31.0
120	23.3	19.0	28.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

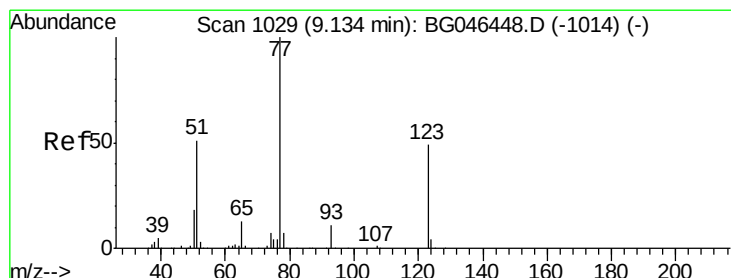
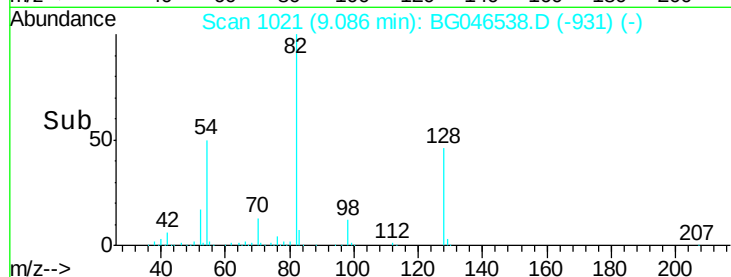
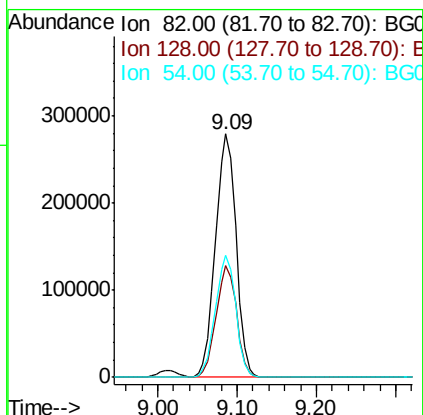
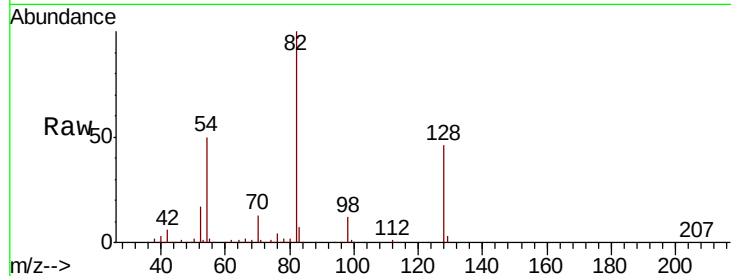




#23
Nitrobenzene-d5
Concen: 93.687 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

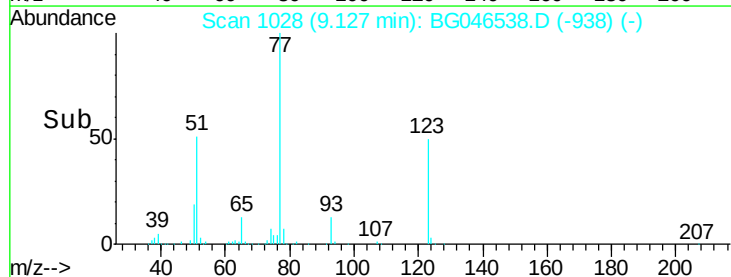
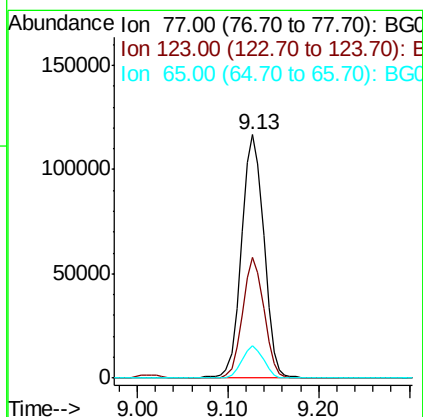
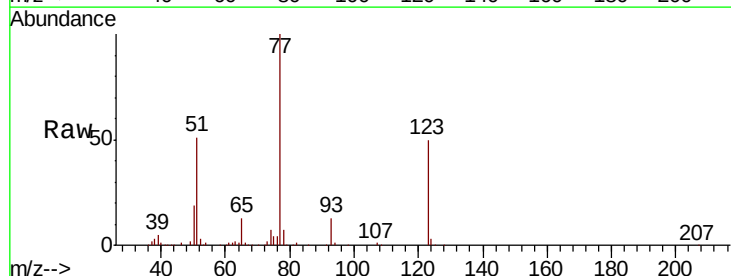
Instrument :
BNA_G
ClientSampleId :
PB131426BS

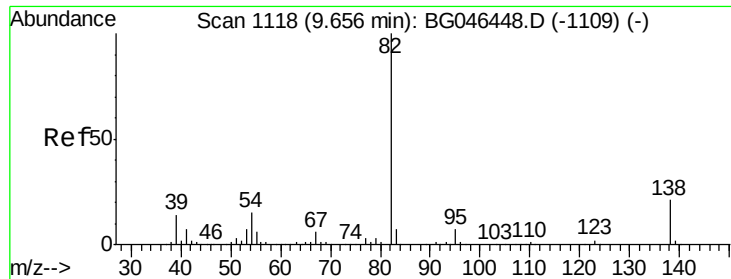
Tot Ion	82	Resp	504040
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.7	53.5
54	50.0	39.4	59.0



#24
Nitrobenzene
Concen: 37.936 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion	77	Resp	201638
Ion Ratio	Lower	Upper	
77	100		
123	49.7	39.6	59.4
65	13.4	10.1	15.1





#25

Isophorone

Concen: 38.542 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

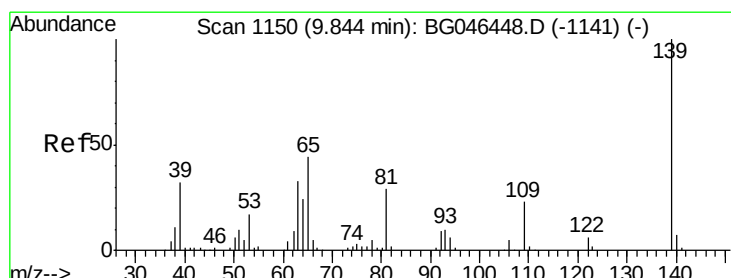
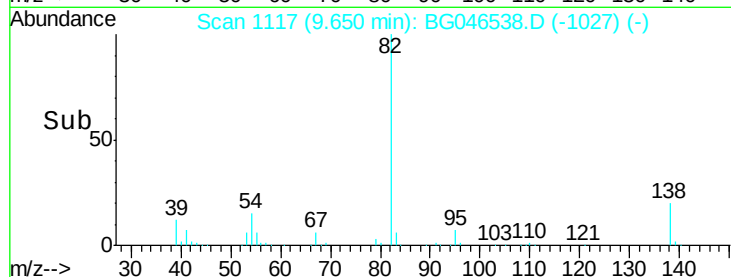
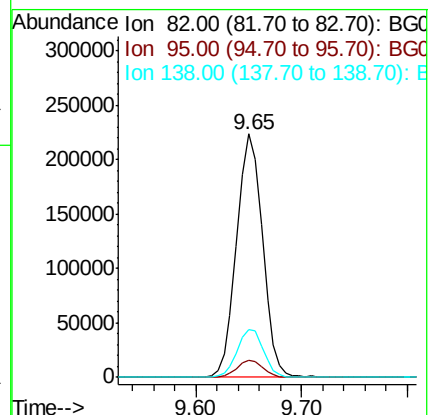
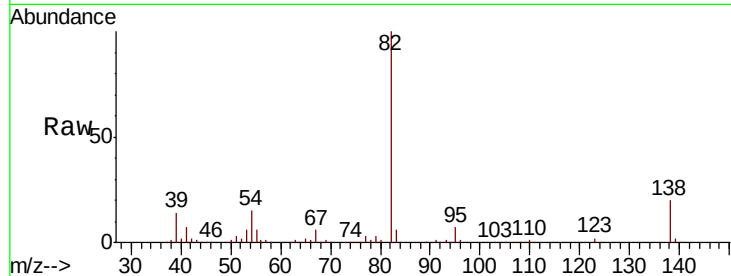
Tot Ion: 82 Resp: 380165

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 19.7 16.4 24.6



#26

2-Nitrophenol

Concen: 39.334 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

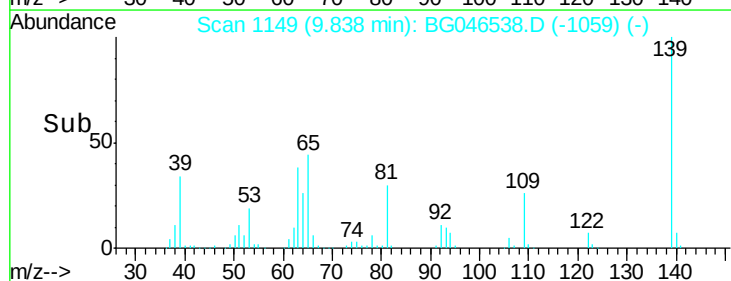
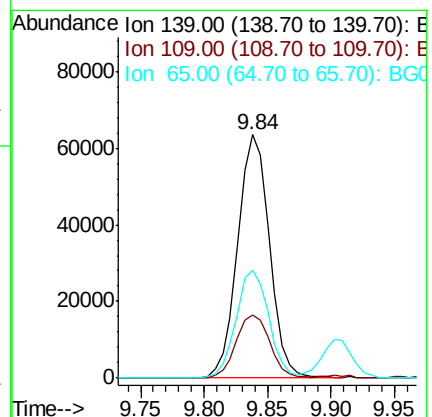
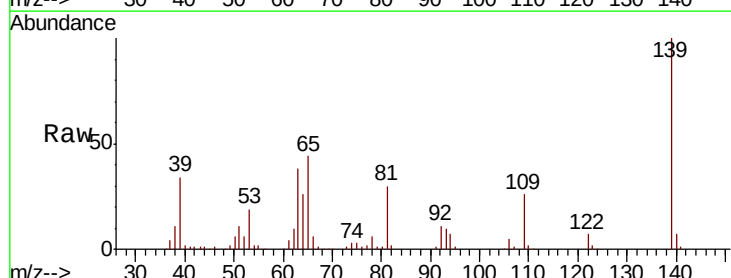
Tgt Ion: 139 Resp: 110305

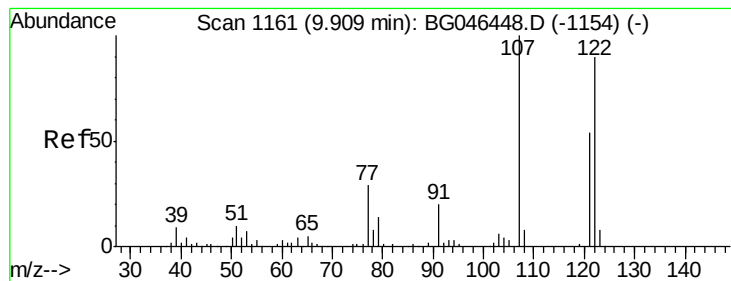
Ion Ratio Lower Upper

139 100

109 25.9 18.8 28.2

65 44.2 35.0 52.6





#27

2,4-Dimethylphenol

Concen: 45.846 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

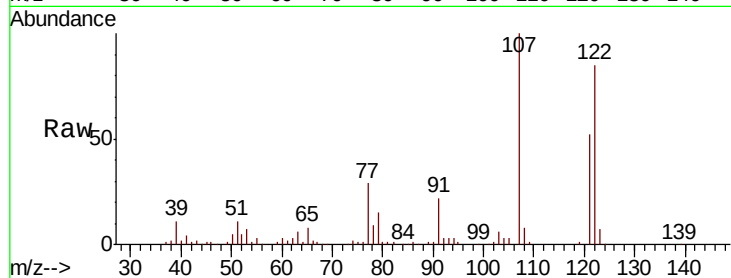
Tot Ion:122 Resp: 176831

Ion Ratio Lower Upper

122 100

107 117.1 88.2 132.2

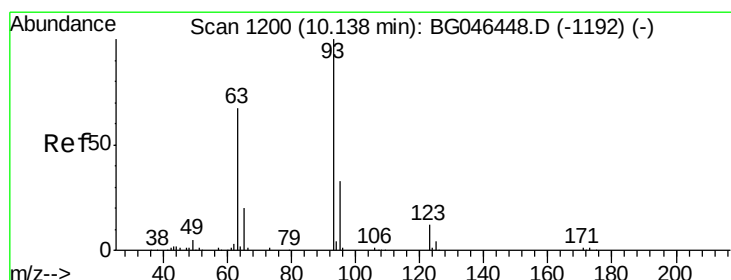
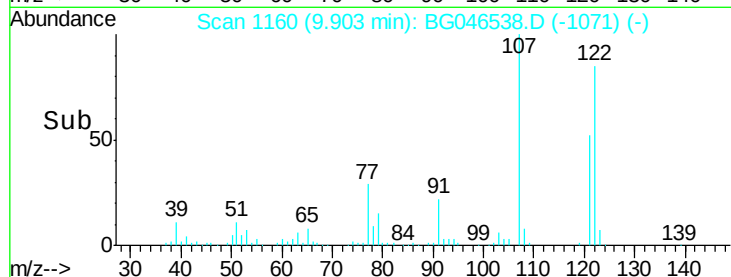
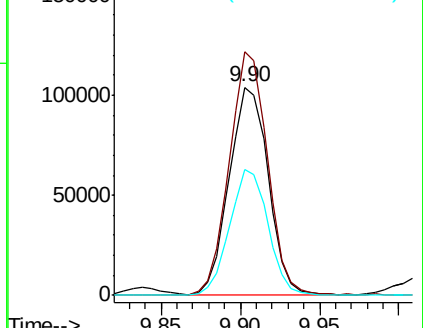
121 60.5 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.009 ng

RT: 10.13 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

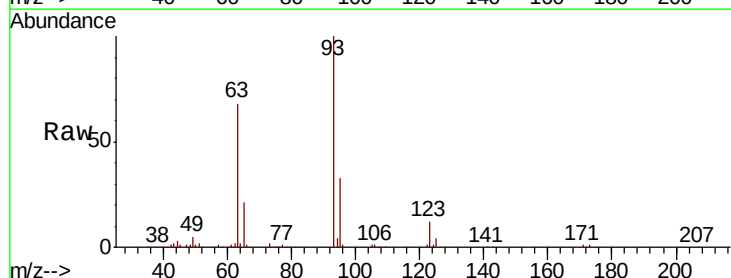
Tgt Ion: 93 Resp: 234961

Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

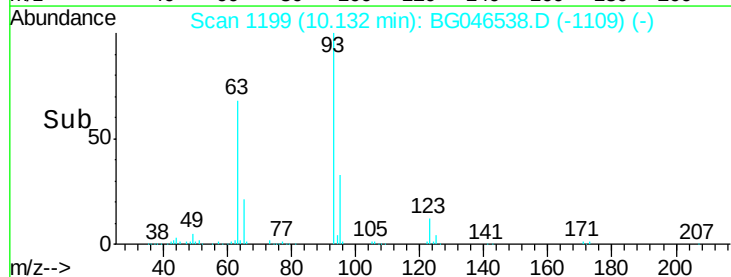
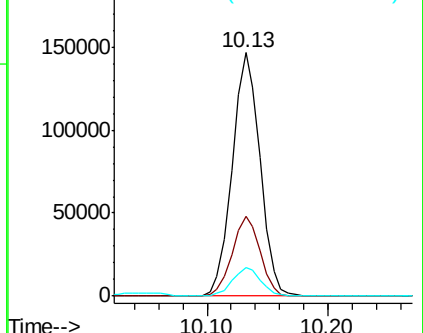
123 11.9 9.5 14.3

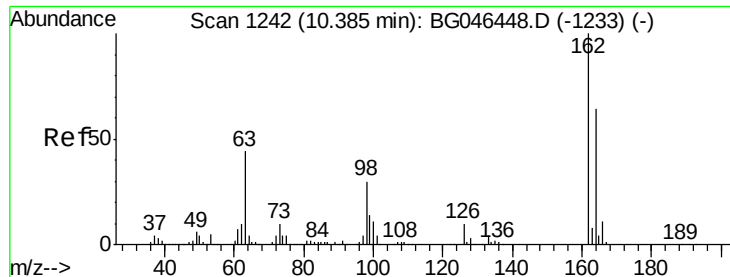


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

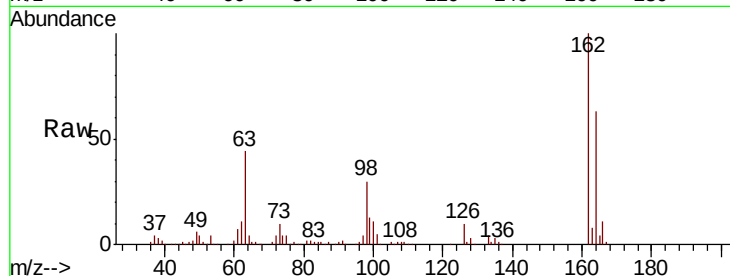




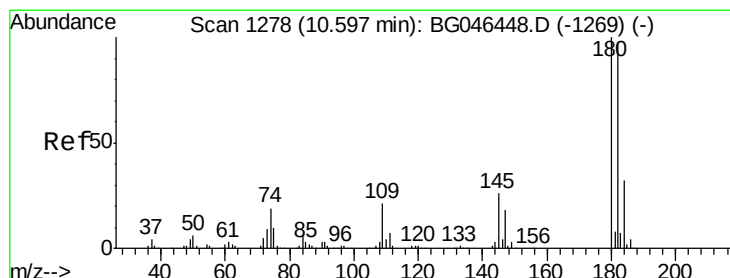
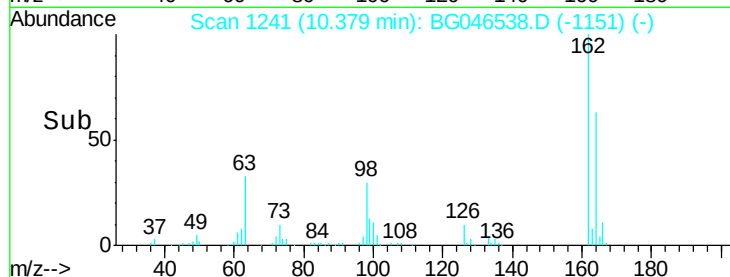
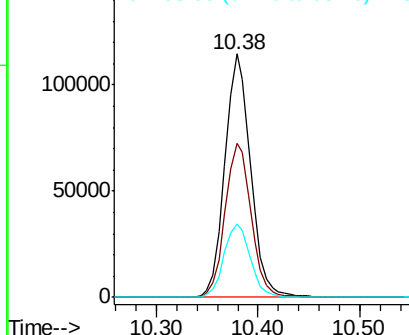
#29
2,4-Dichlorophenol
Concen: 39.358 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.3	84.3
98	30.2	10.0	50.0

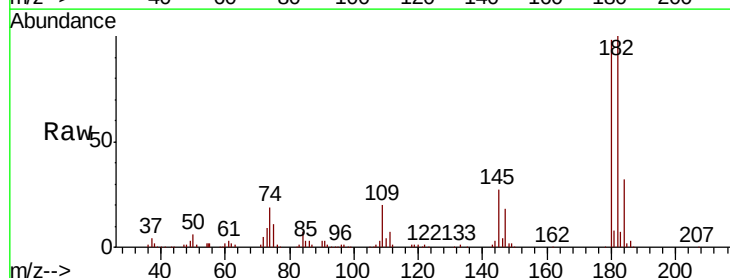


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

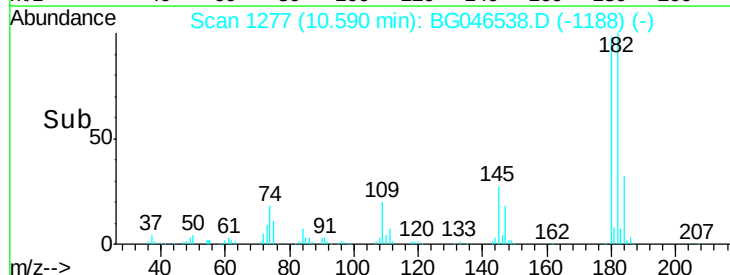
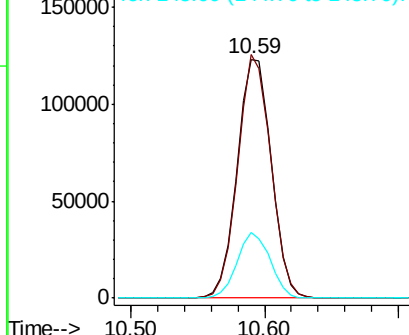


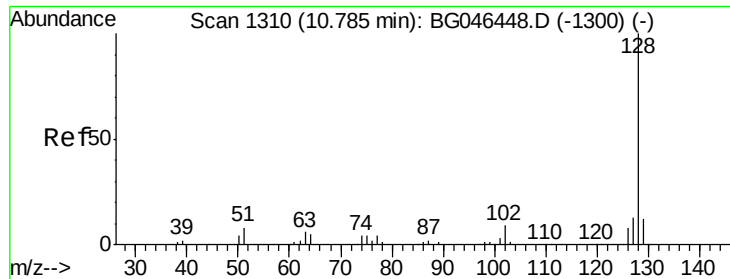
#30
1,2,4-Trichlorobenzene
Concen: 35.715 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.9	77.8	116.8
145	27.4	20.9	31.3



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

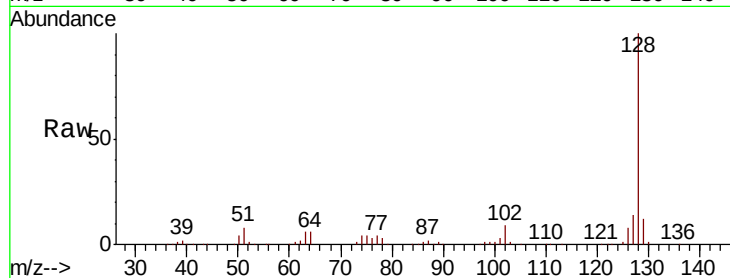




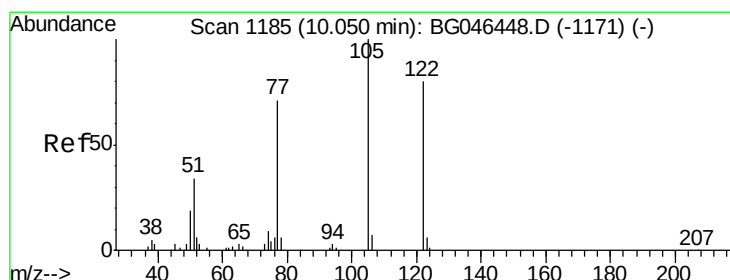
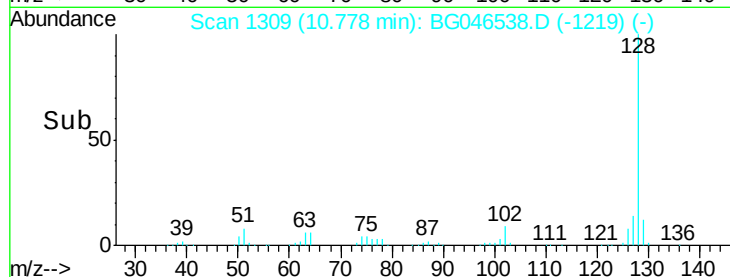
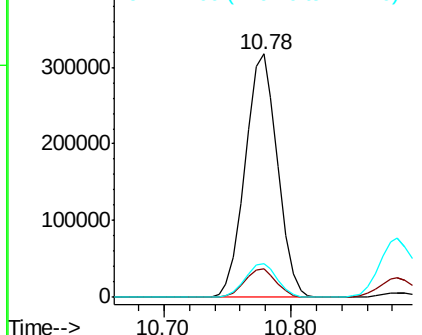
#31
Naphthalene
Concen: 37.346 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion:128 Resp: 560713
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 14.0 10.7 16.1

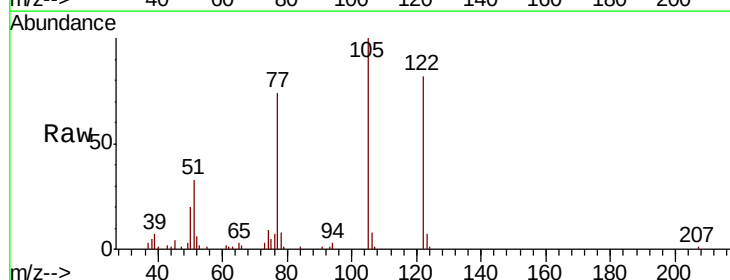


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

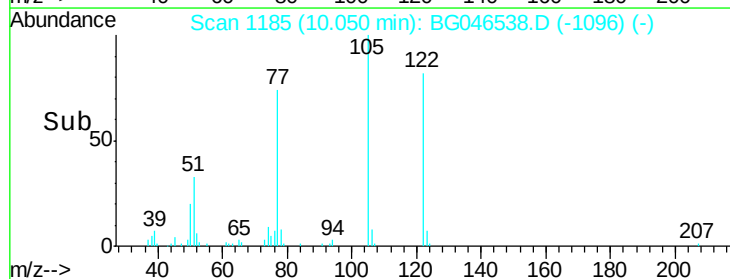
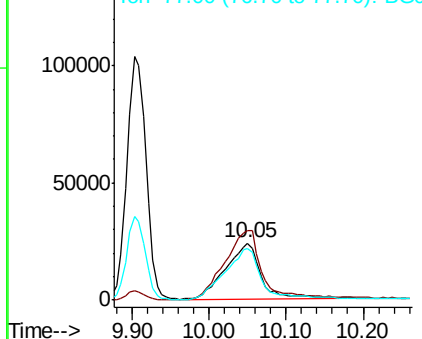


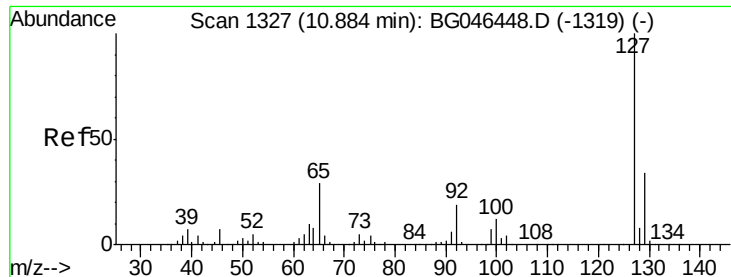
#32
Benzoic acid
Concen: 31.305 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:122 Resp: 77010
Ion Ratio Lower Upper
122 100
105 121.7 102.5 142.5
77 90.0 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

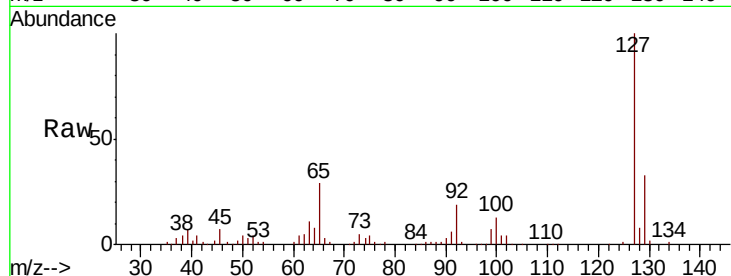




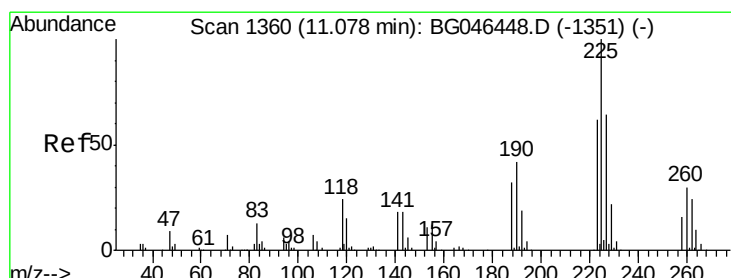
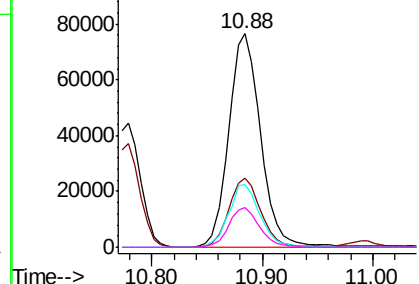
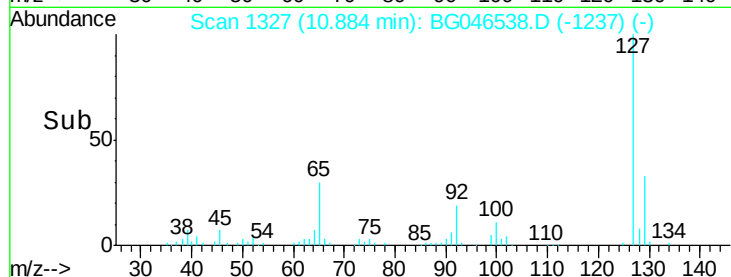
#33
4-Chloroaniline
Concen: 23.405 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleID :
PB131426BS

Tot Ion:	127	Resp:	154956
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4
65	29.5	23.5	35.3
92	18.8	14.9	22.3

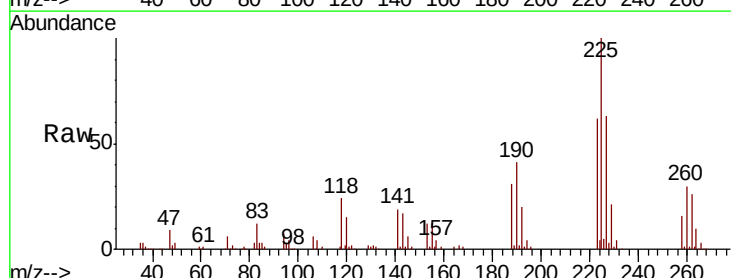


Abundance Ion 127.00 (126.70 to 127.70): E
120000
Ion 129.00 (128.70 to 129.70): E
100000
Ion 65.00 (64.70 to 65.70): BG
80000
Ion 92.00 (91.70 to 92.70): BG

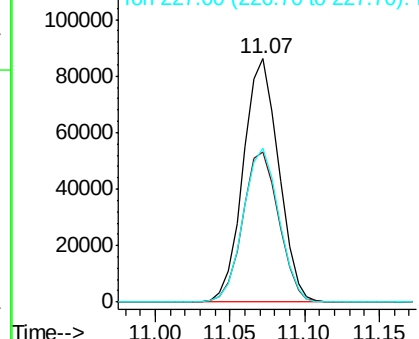
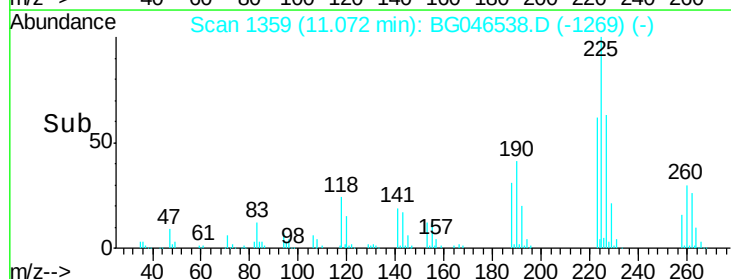


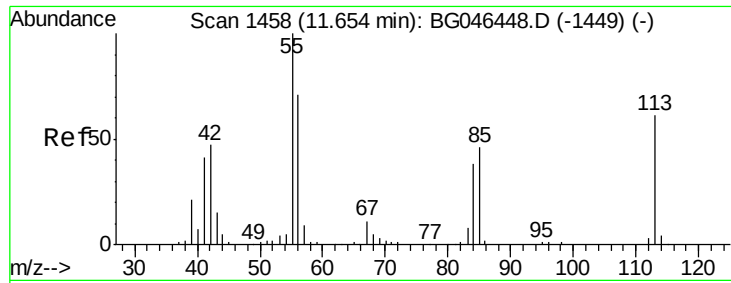
#34
Hexachlorobutadiene
Concen: 35.800 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:	225	Resp:	141781
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.9	74.9
227	63.4	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
100000
Ion 227.00 (226.70 to 227.70): E

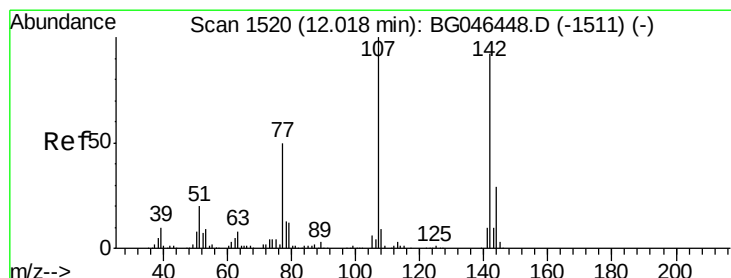
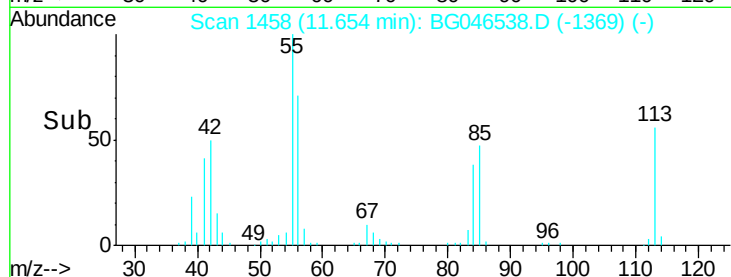
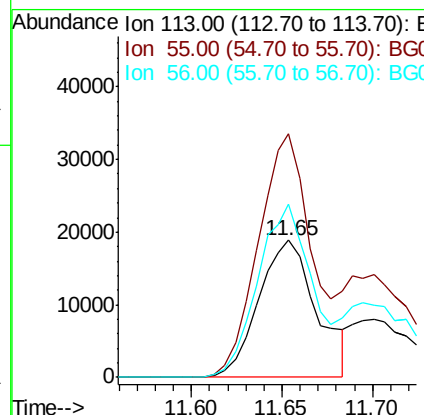
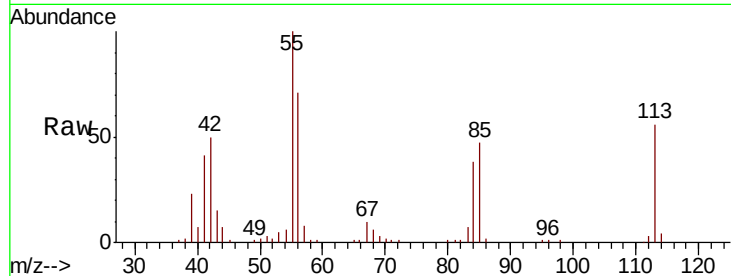




#35
 Caprolactam
 Concen: 21.640 ng
 RT: 11.65 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

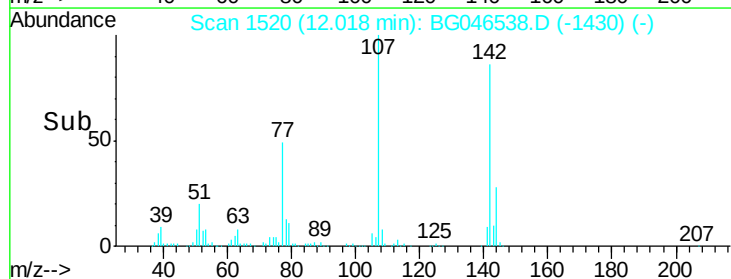
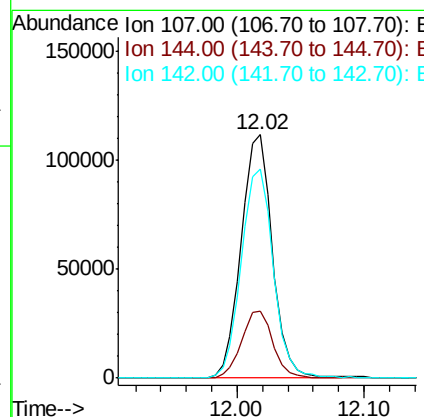
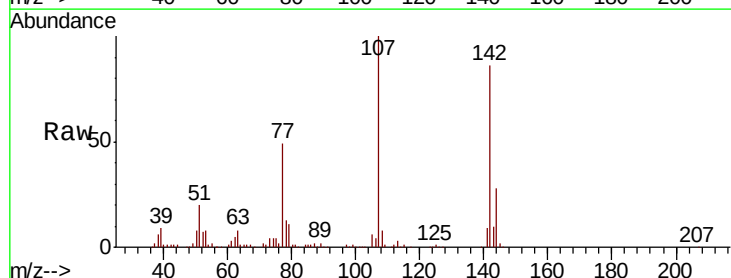
Instrument :
 BNA_G
 ClientSampleId :
 PB131426BS

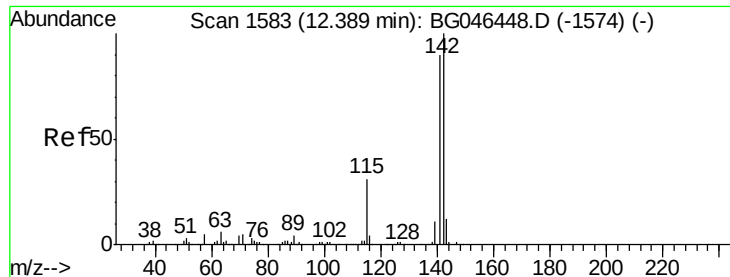
Tot Ion:113 Resp: 41593
 Ion Ratio Lower Upper
 113 100
 55 177.9 144.2 184.2
 56 126.4 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.004 ng
 RT: 12.02 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

Tgt Ion:107 Resp: 191119
 Ion Ratio Lower Upper
 107 100
 144 27.7 23.3 34.9
 142 85.8 73.7 110.5

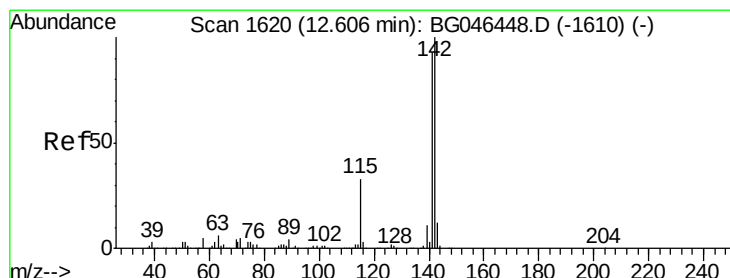
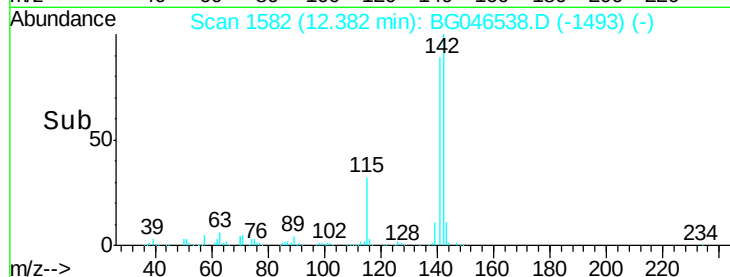
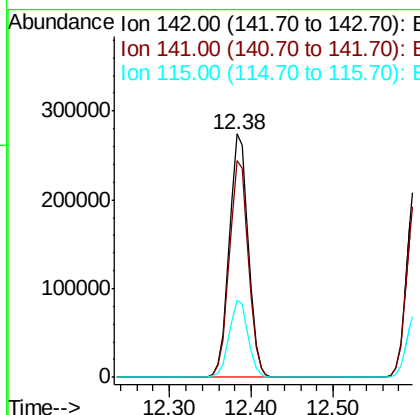
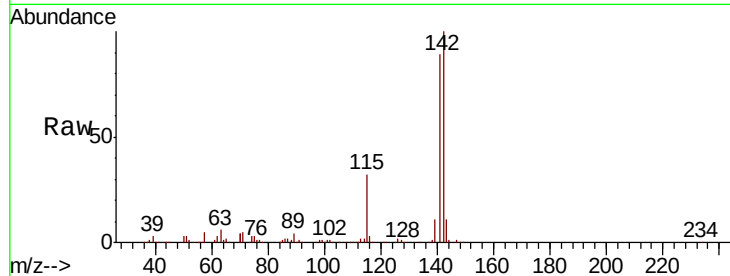




#37
2-Methylnaphthalene
Concen: 37.593 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

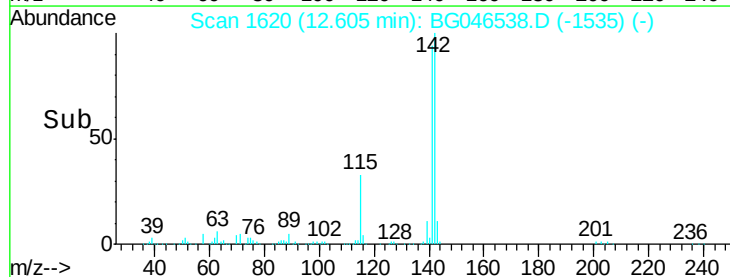
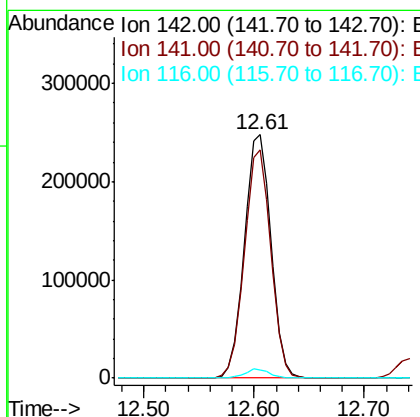
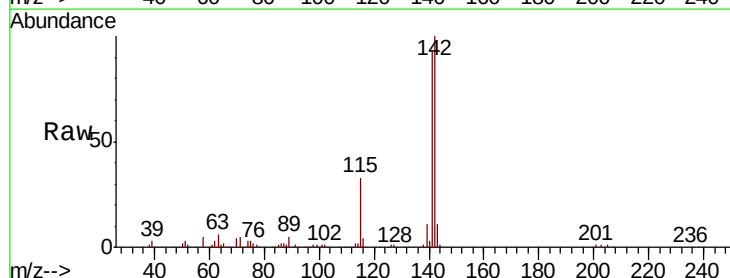
Instrument :
BNA_G
ClientSampleId :
PB131426BS

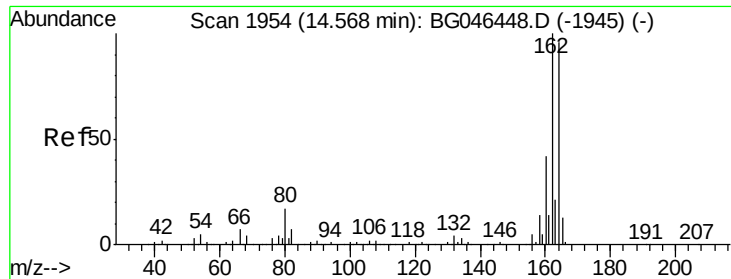
Tot Ion:142 Resp: 445141
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1
115 31.9 24.9 37.3



#38
1-Methylnaphthalene
Concen: 37.316 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:142 Resp: 418553
Ion Ratio Lower Upper
142 100
141 93.5 74.7 112.1
116 3.5 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

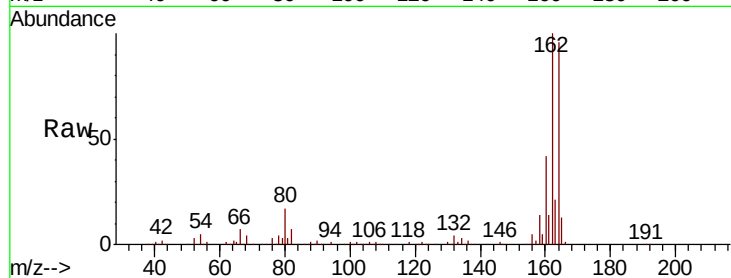
Tot Ion:164 Resp: 208324

Ion Ratio Lower Upper

164 100

162 104.6 83.3 124.9

160 44.1 35.0 52.6

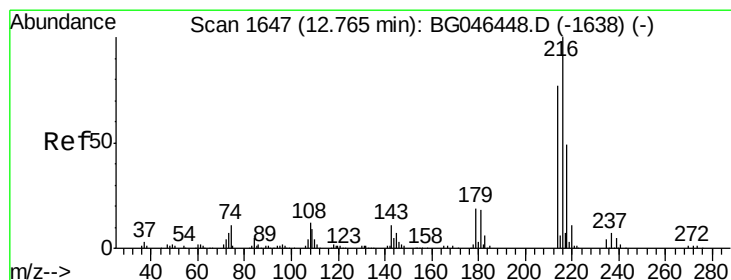
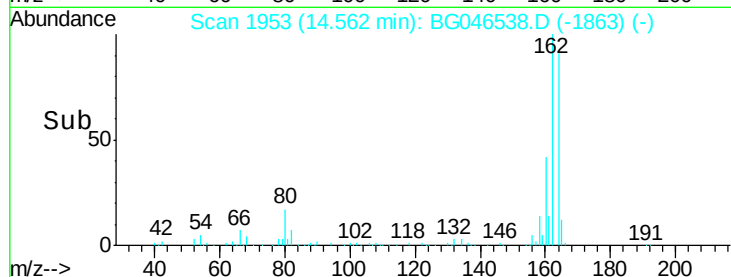
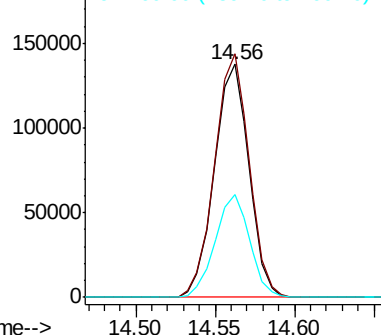


Abundance

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: 37.874 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Tgt Ion:216 Resp: 260185

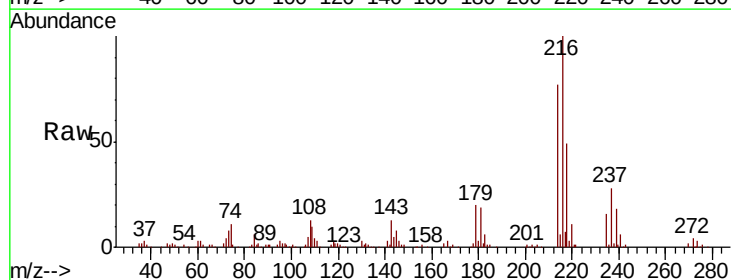
Ion Ratio Lower Upper

216 100

214 77.5 62.1 93.1

179 18.8 14.9 22.3

108 14.8 10.5 15.7



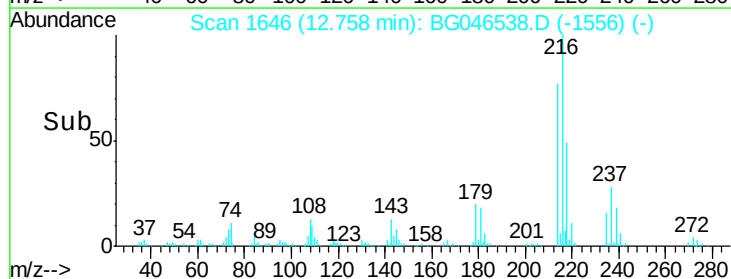
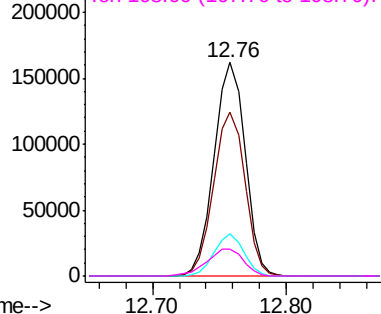
Abundance

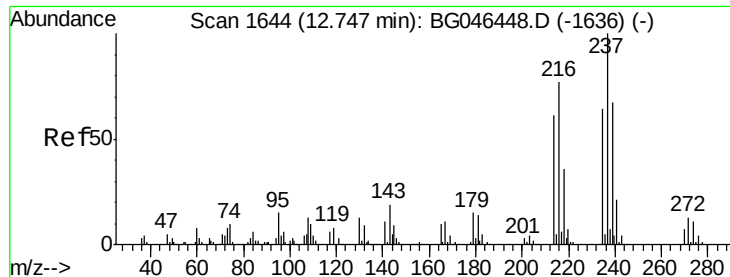
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 101.051 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

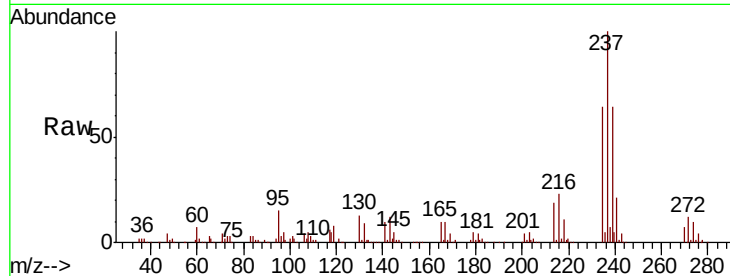
Tot Ion:237 Resp: 301851

Ion Ratio Lower Upper

237 100

235 63.5 44.5 84.5

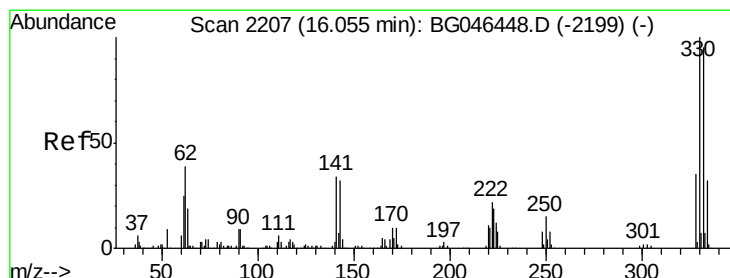
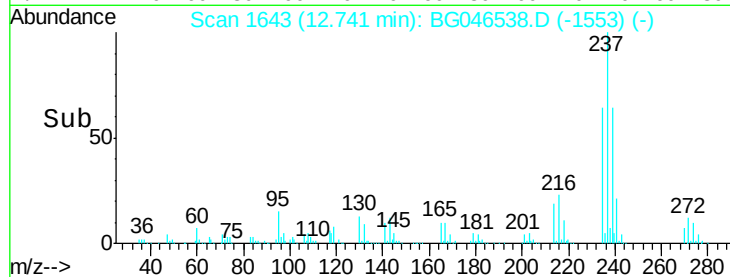
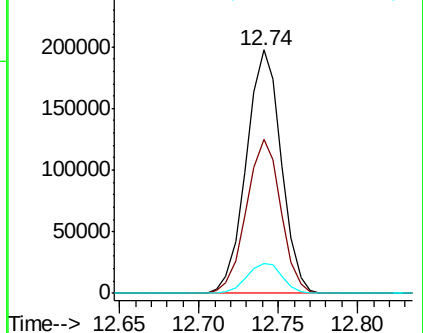
272 12.4 0.0 32.8



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: 89.496 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

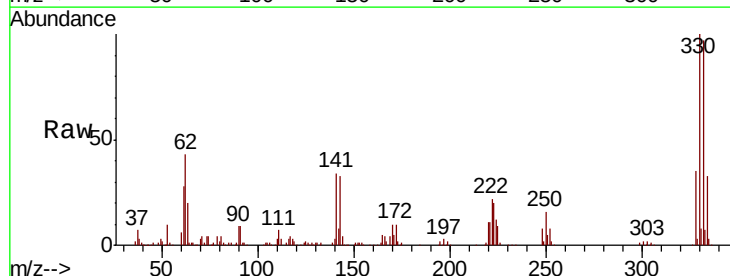
Tgt Ion:330 Resp: 252616

Ion Ratio Lower Upper

330 100

332 97.3 76.1 114.1

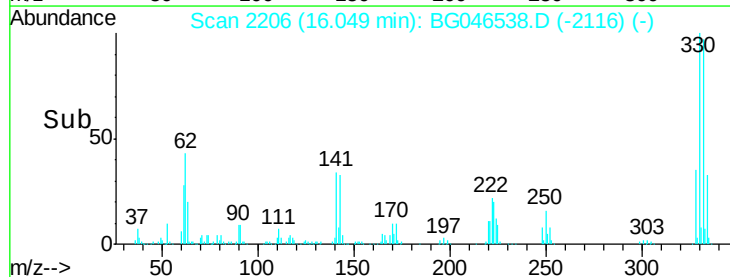
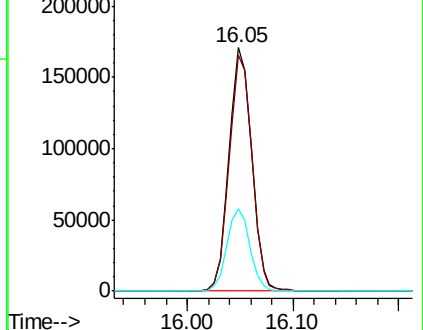
141 34.1 26.1 39.1

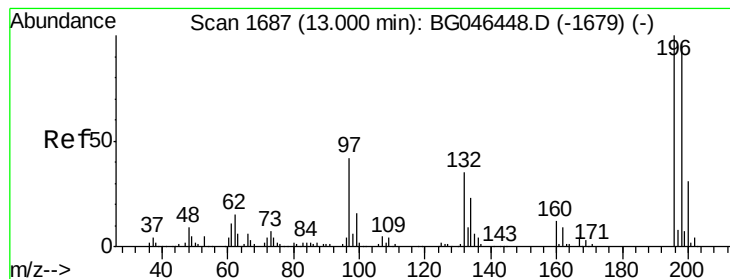


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 37.805 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

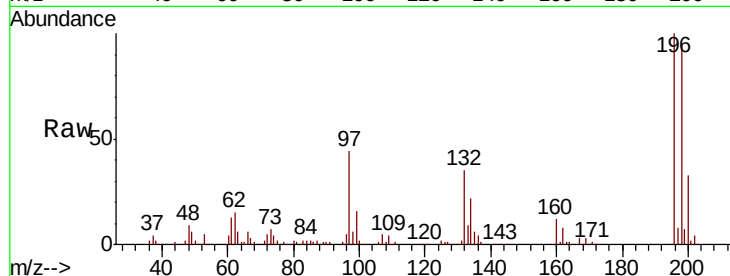
Tot Ion:196 Resp: 175262

Ion Ratio Lower Upper

196 100

198 95.3 77.0 115.6

200 32.9 25.2 37.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

150000

100000

50000

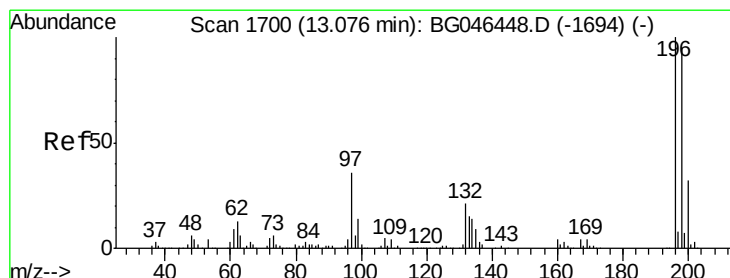
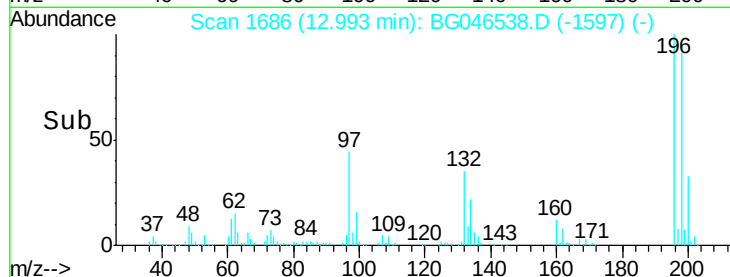
0

12.99

13.00

13.05

Time-->



#44

2,4,5-Trichlorophenol

Concen: 38.327 ng

RT: 13.07 min Scan# 1699

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Tgt Ion:196 Resp: 186683

Ion Ratio Lower Upper

196 100

198 93.8 75.6 113.4

97 37.8 28.6 43.0

132 21.7 17.0 25.6

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

150000

100000

50000

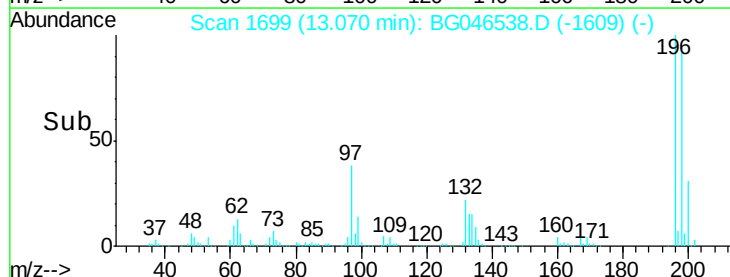
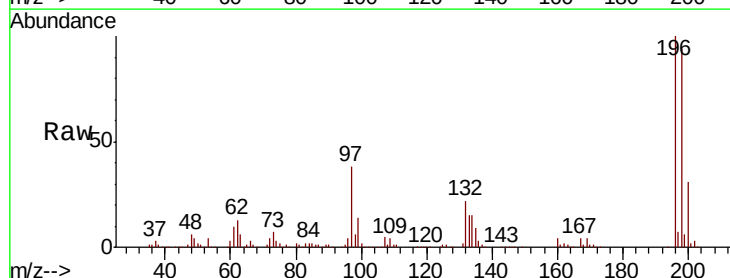
0

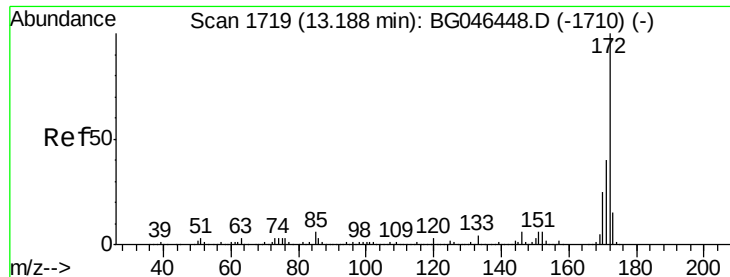
13.07

13.10

13.20

Time-->

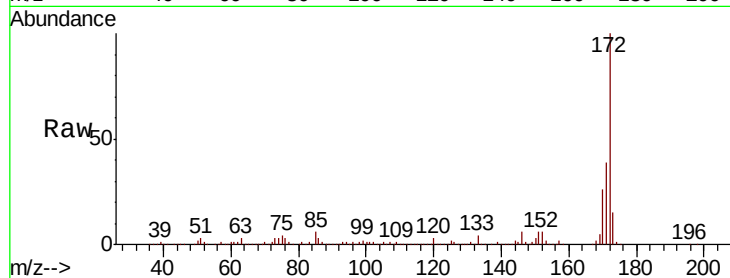




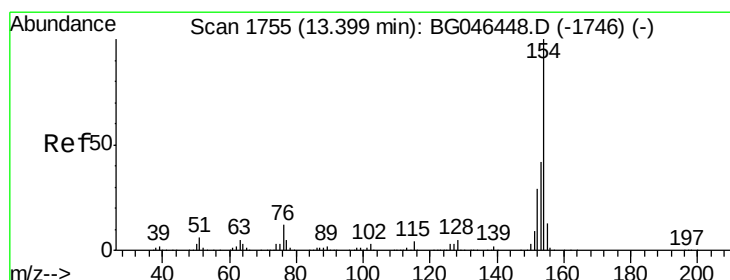
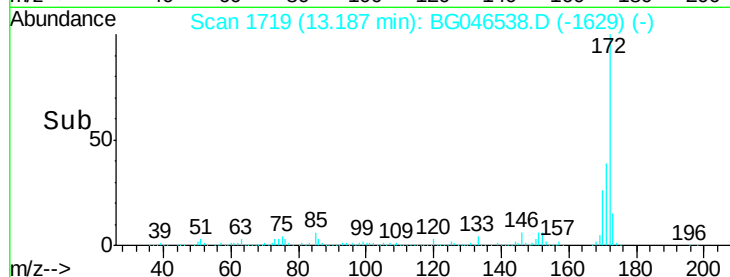
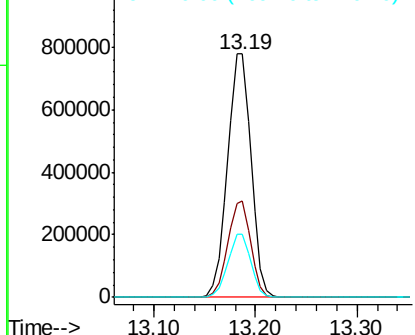
#45
2-Fluorobiphenyl
Concen: 91.976 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion:172 Resp: 1255156
Ion Ratio Lower Upper
172 100
171 39.4 31.8 47.6
170 26.0 20.3 30.5

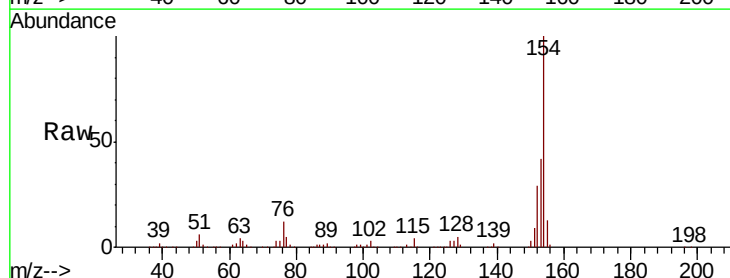


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

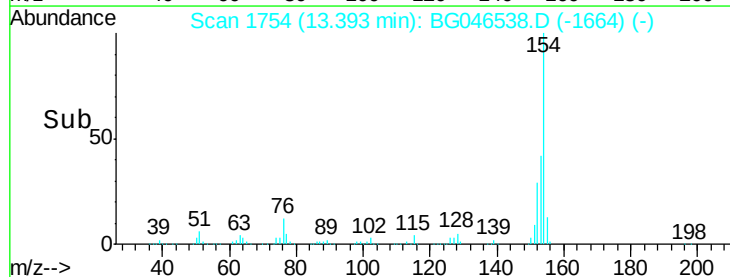
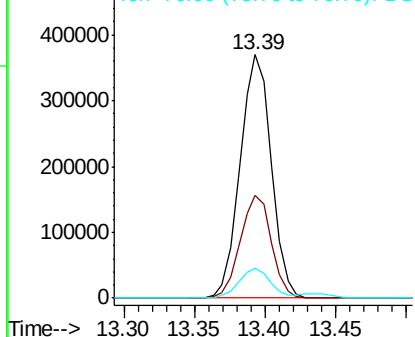


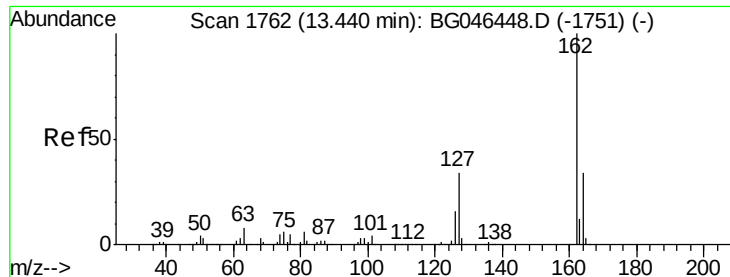
#46
1,1'-Biphenyl
Concen: 39.233 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:154 Resp: 568642
Ion Ratio Lower Upper
154 100
153 42.3 22.0 62.0
76 12.1 0.0 32.3



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

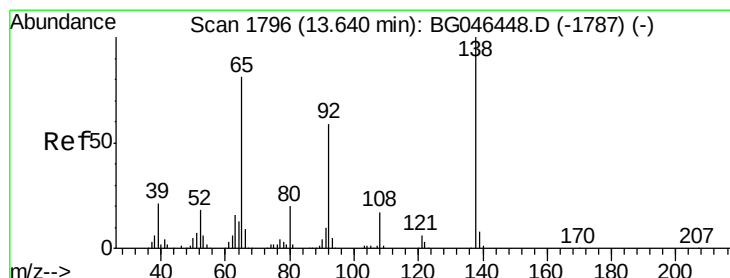
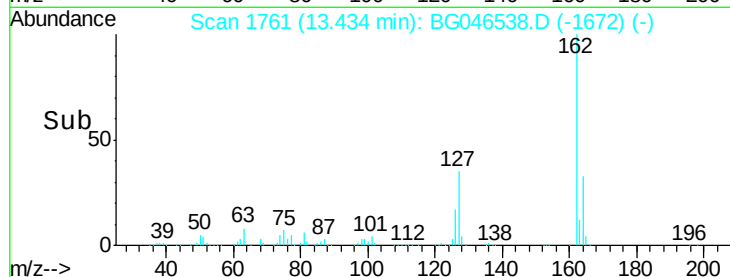
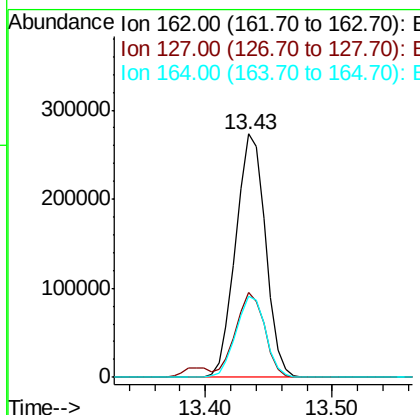
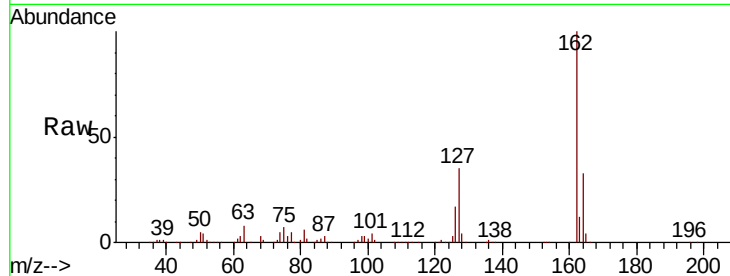




#47
2-Chloronaphthalene
Concen: 36.040 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

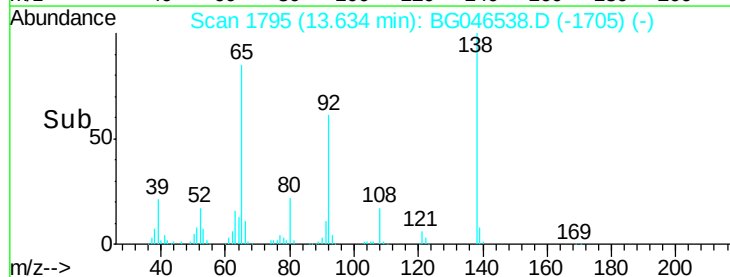
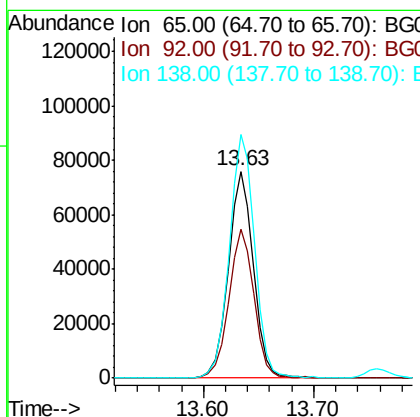
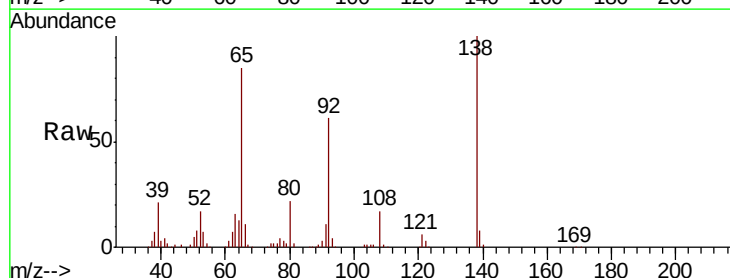
Instrument :
BNA_G
ClientSampleId :
PB131426BS

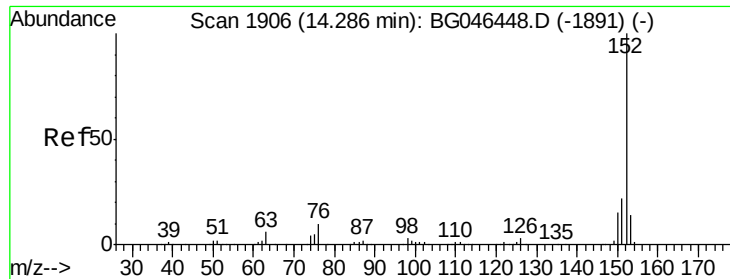
Tot Ion:162 Resp: 442893
Ion Ratio Lower Upper
162 100
127 34.8 27.6 41.4
164 33.1 27.3 40.9



#48
2-Nitroaniline
Concen: 35.402 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion: 65 Resp: 120804
Ion Ratio Lower Upper
65 100
92 72.2 58.5 87.7
138 117.7 98.4 147.6





#49

Acenaphthylene

Concen: 37.808 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

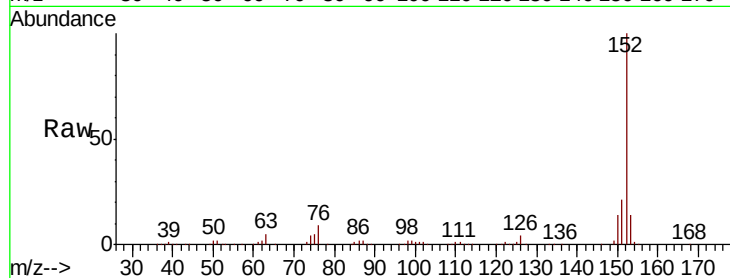
Tot Ion:152 Resp: 704786

Ion Ratio Lower Upper

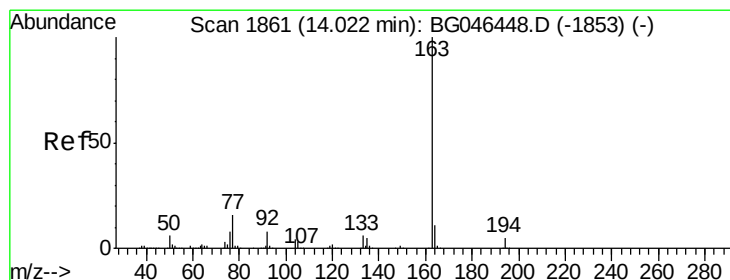
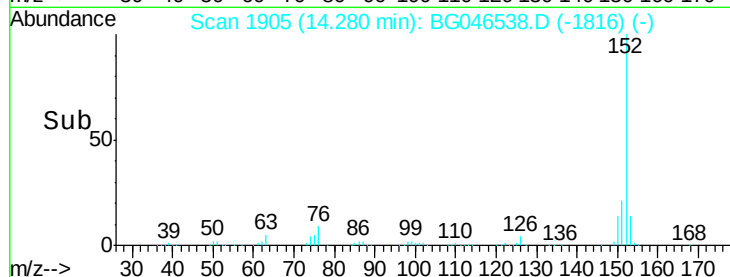
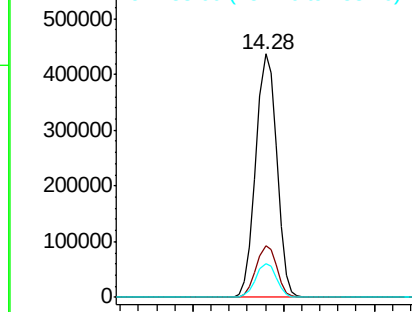
152 100

151 21.4 17.7 26.5

153 14.0 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: 34.887 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

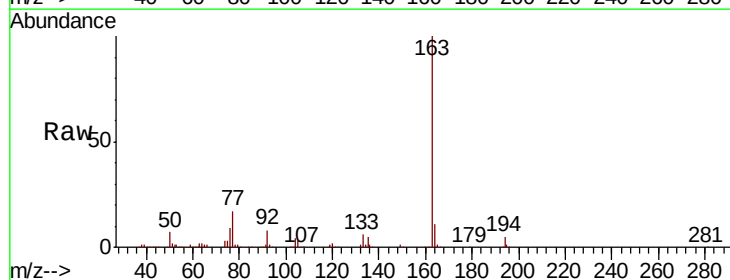
Tgt Ion:163 Resp: 562278

Ion Ratio Lower Upper

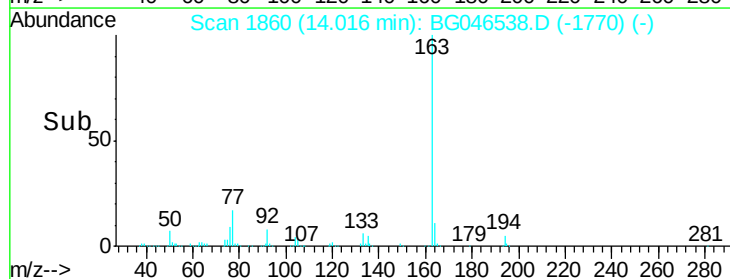
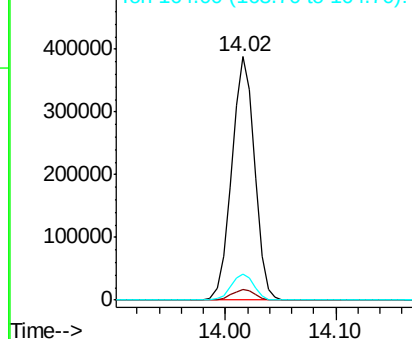
163 100

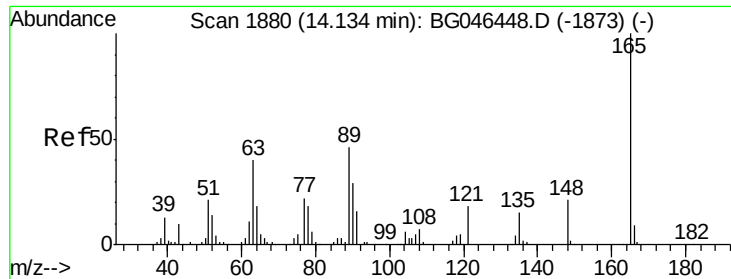
194 4.6 3.7 5.5

164 10.8 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

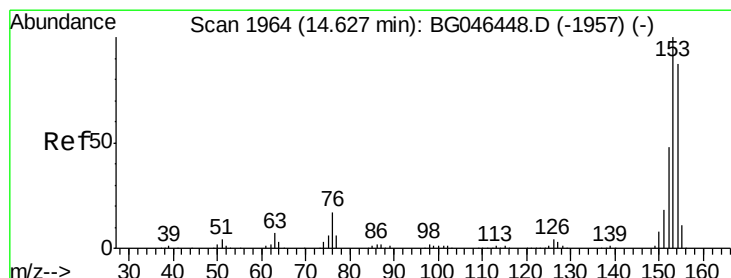
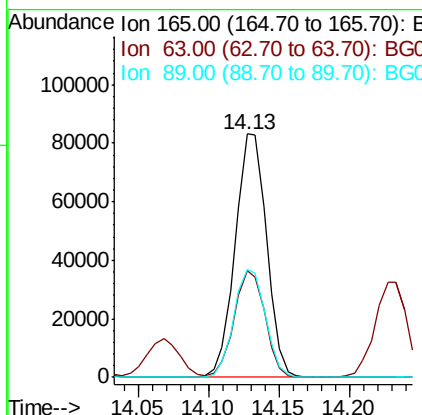
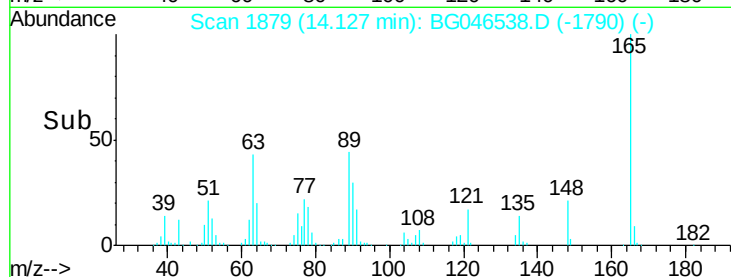
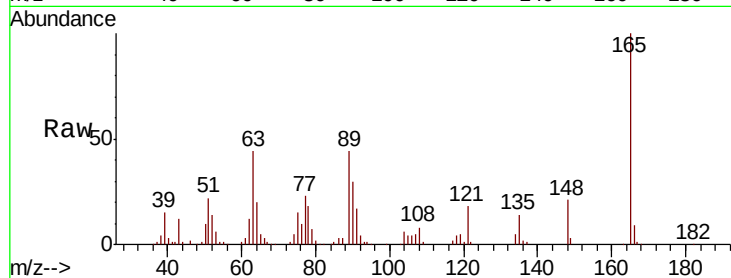




#51
 2,6-Dinitrotoluene
 Concen: 36.351 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

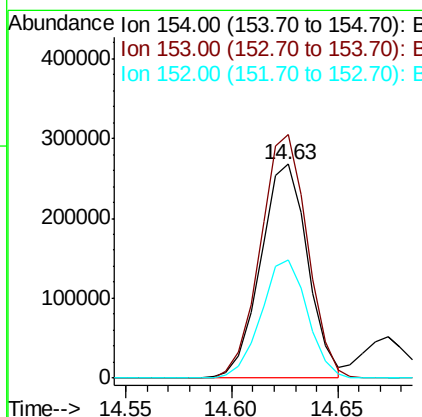
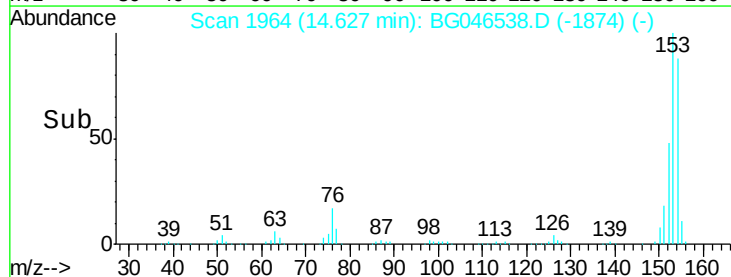
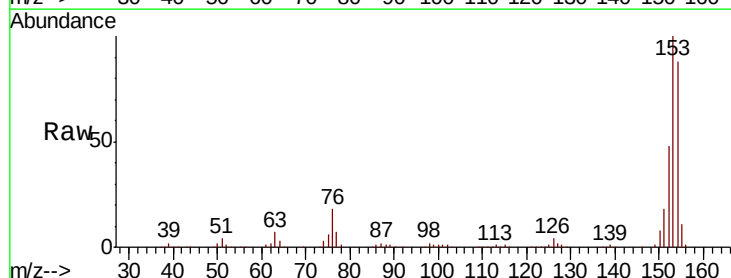
Instrument :
 BNA_G
 ClientSampleId :
 PB131426BS

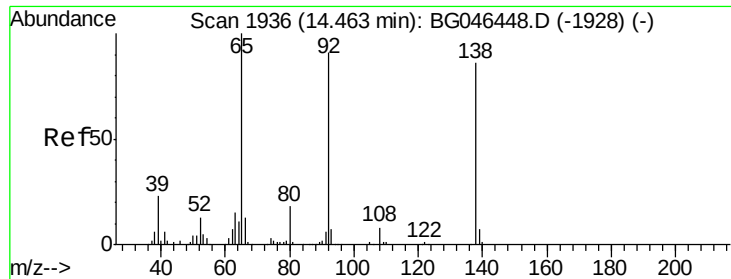
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.1	34.2	51.4
89	44.5	37.0	55.4



#52
 Acenaphthene
 Concen: 35.950 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.9	137.9
152	54.9	43.8	65.6

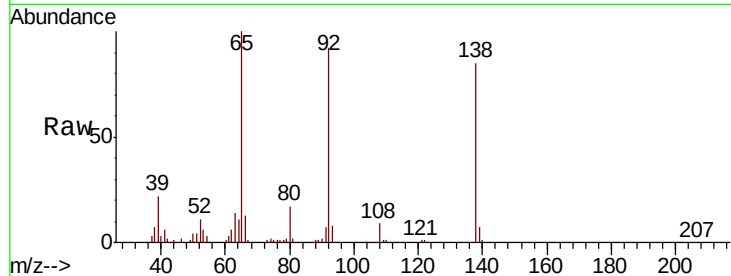




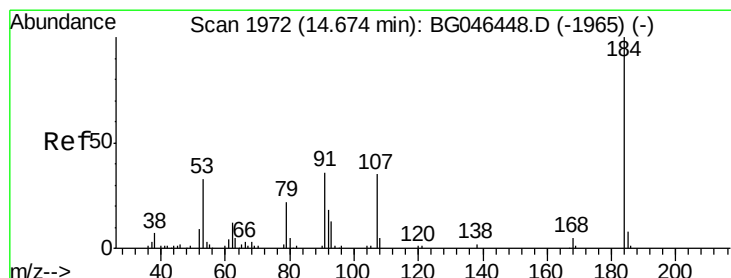
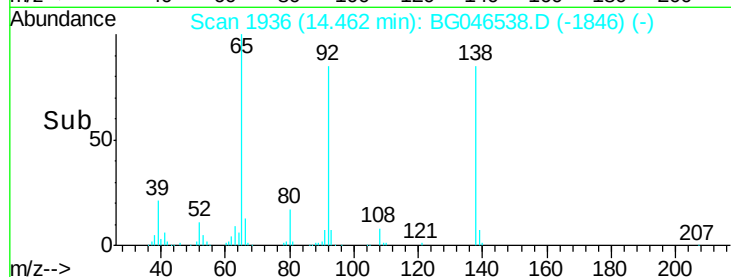
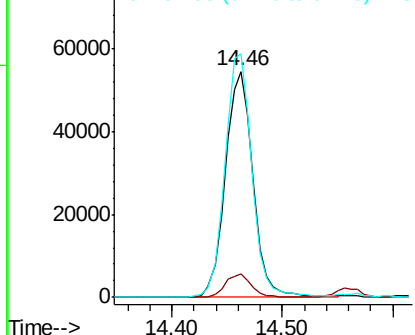
#53
3-Nitroaniline
Concen: 24.812 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion:138 Resp: 95487
Ion Ratio Lower Upper
138 100
108 10.2 7.0 10.6
92 107.9 84.6 127.0

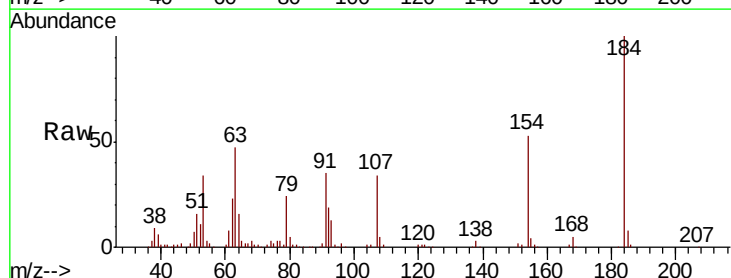


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

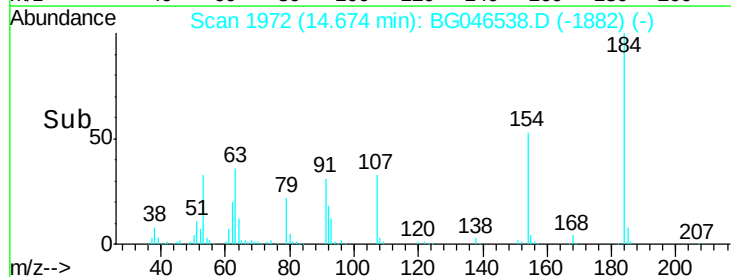
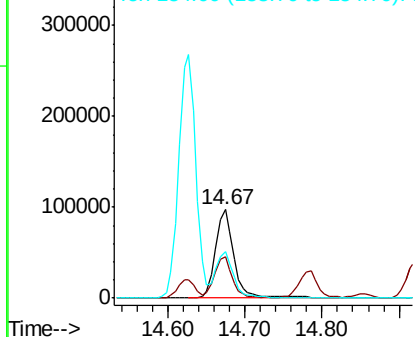


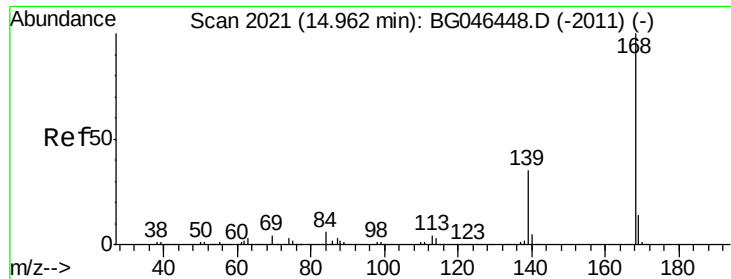
#54
2,4-Dinitrophenol
Concen: 77.518 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:184 Resp: 160753
Ion Ratio Lower Upper
184 100
63 46.5 35.6 53.4
154 53.1 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

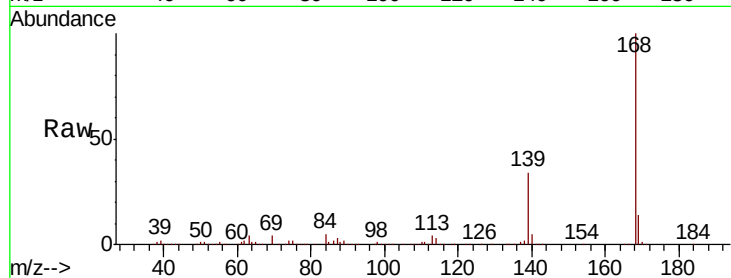




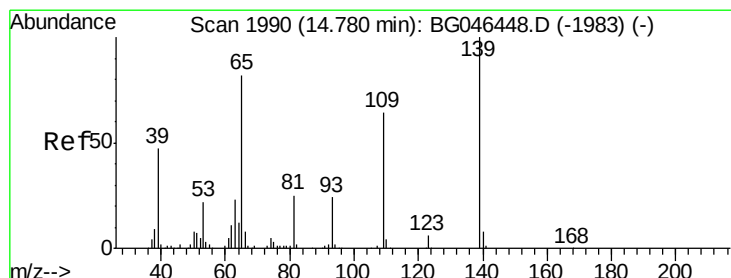
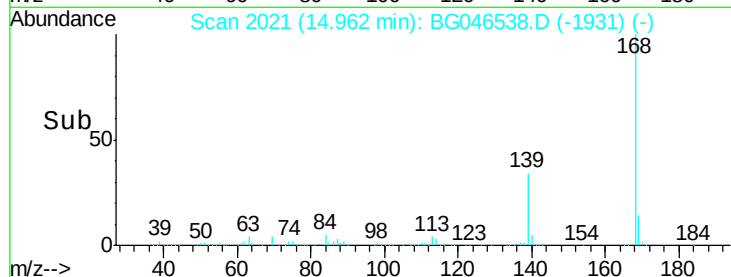
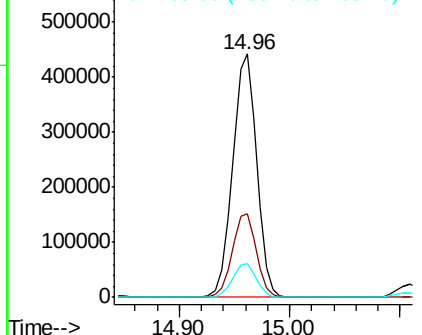
#55
Dibenzenofuran
Concen: 36.441 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion:168 Resp: 675563
Ion Ratio Lower Upper
168 100
139 34.5 28.1 42.1
169 13.6 11.5 17.3

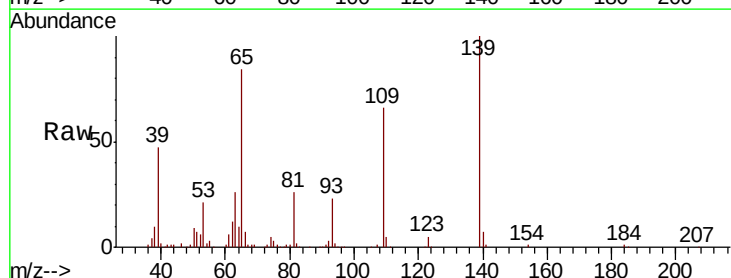


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

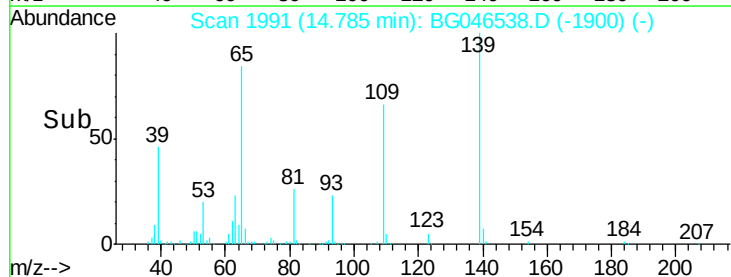
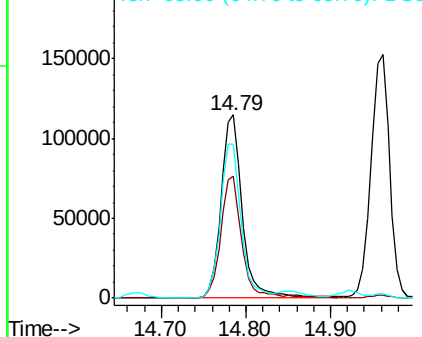


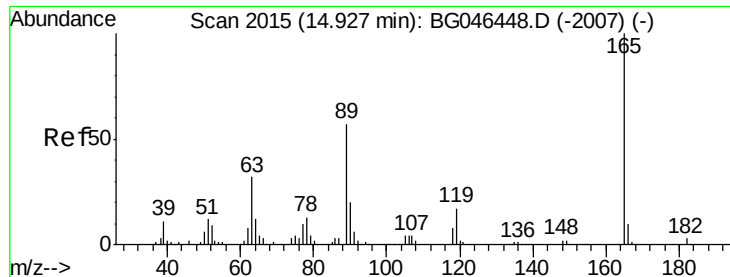
#56
4-Nitrophenol
Concen: 71.317 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:139 Resp: 201987
Ion Ratio Lower Upper
139 100
109 66.3 44.3 84.3
65 83.8 61.5 101.5



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

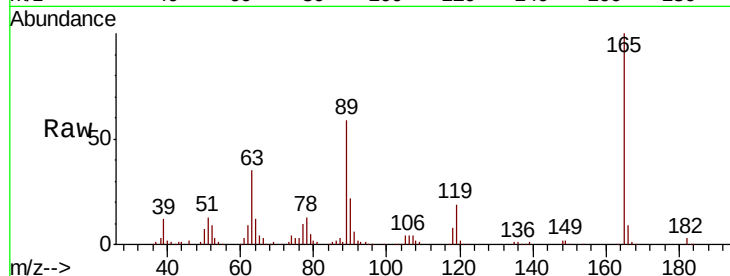




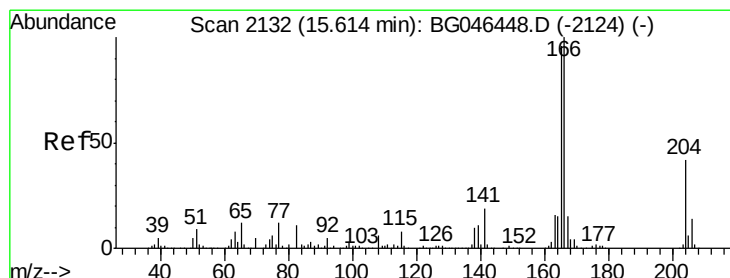
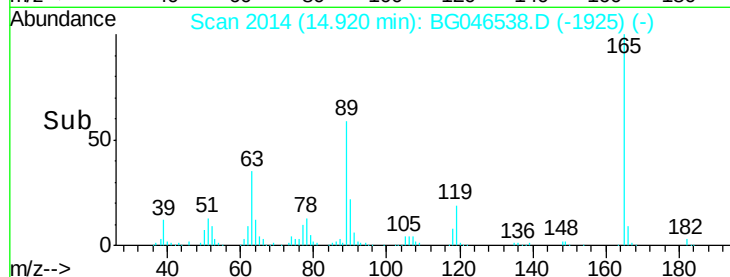
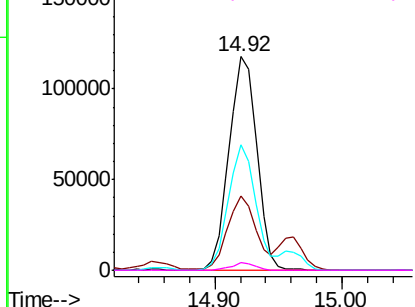
#57
2,4-Dinitrotoluene
Concen: 35.201 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion:165	Resp:	178321
Ion	Ratio	Lower Upper
165	100	
63	34.6	25.4 38.0
89	58.7	45.9 68.9
182	3.3	2.3 3.5

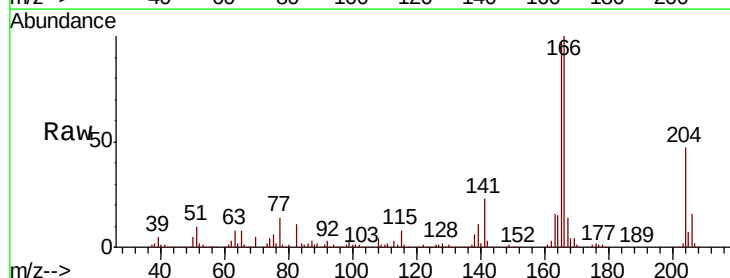


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

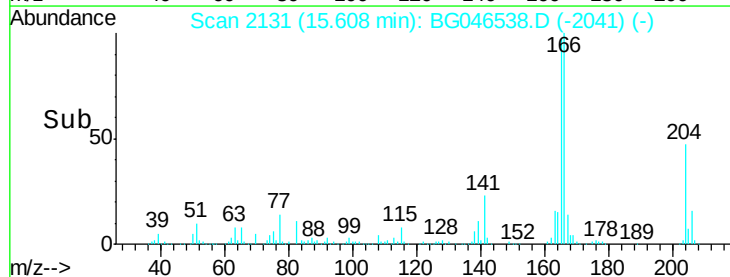
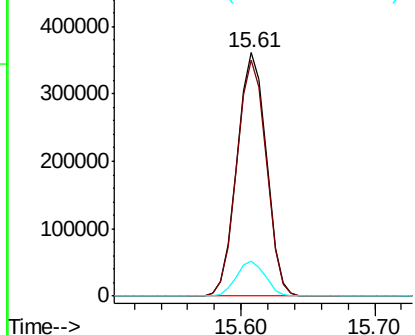


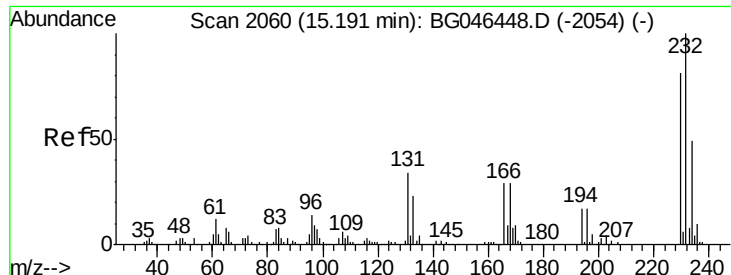
#58
Fluorene
Concen: 35.350 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:166	Resp:	550033
Ion	Ratio	Lower Upper
166	100	
165	97.2	77.0 115.4
167	14.5	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

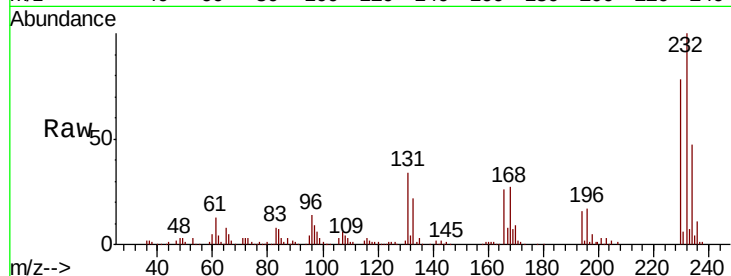




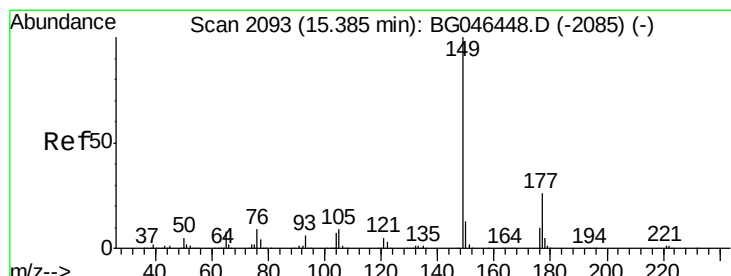
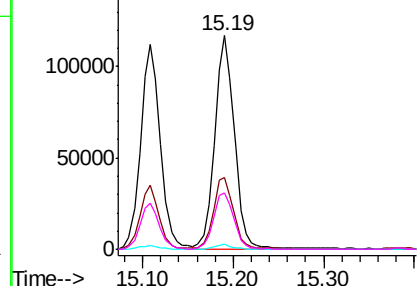
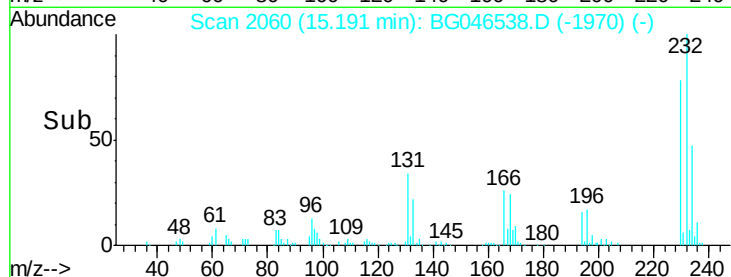
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.165 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

Instrument :
 BNA_G
 ClientSampleId :
 PB131426BS

Tot Ion:	232	Resp:	175785
Ion	Ratio	Lower	Upper
232	100		
131	34.3	26.8	40.2
130	1.9	1.4	2.2
166	27.5	22.8	34.2

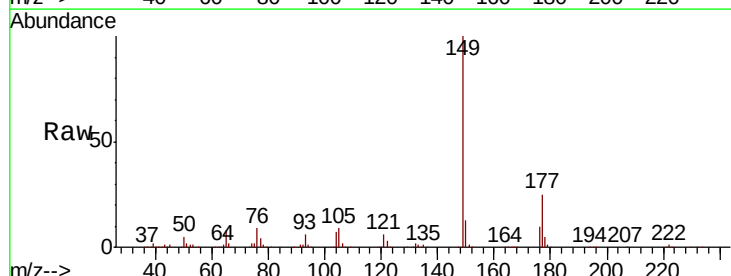


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

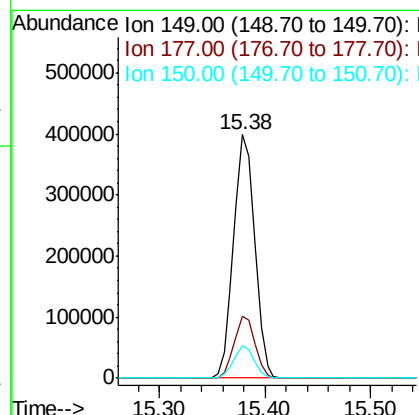
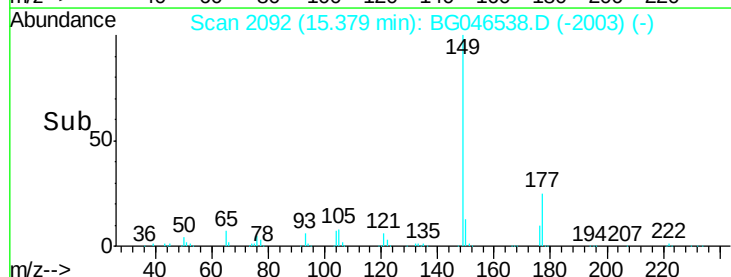


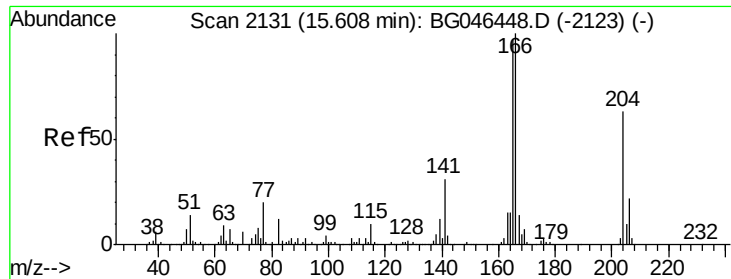
#60
 Diethylphthalate
 Concen: 35.036 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

Tgt Ion:	149	Resp:	550552
Ion	Ratio	Lower	Upper
149	100		
177	25.3	20.6	30.8
150	13.1	10.3	15.5



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

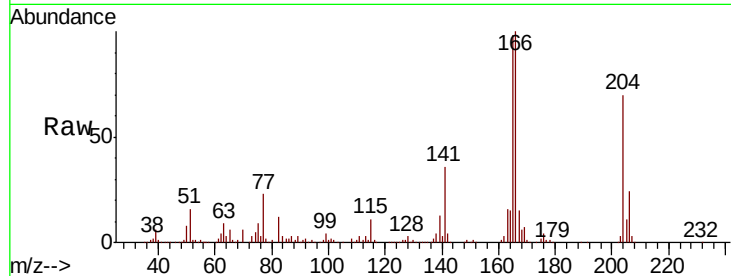




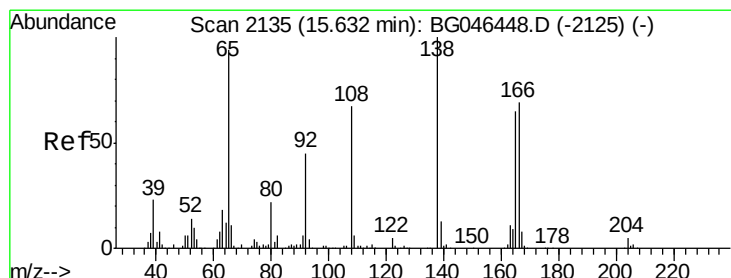
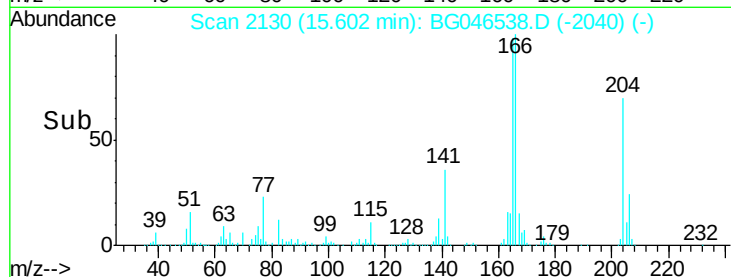
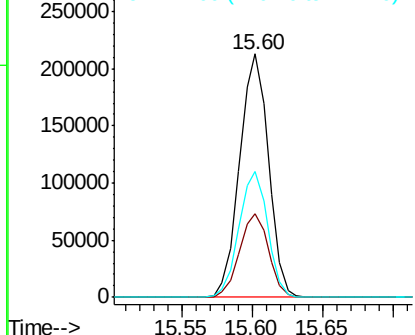
#61
4-Chlorophenyl-phenylether
Concen: 35.481 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion:204 Resp: 304041
Ion Ratio Lower Upper
204 100
206 34.1 27.7 41.5
141 51.5 38.7 58.1

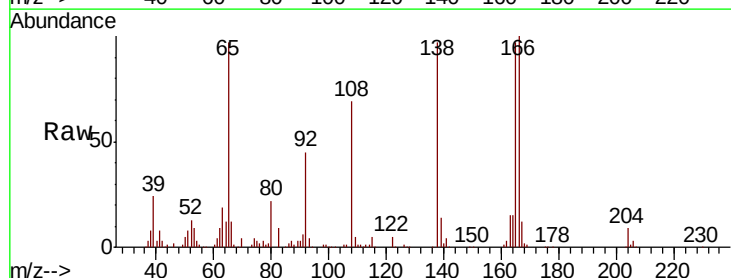


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

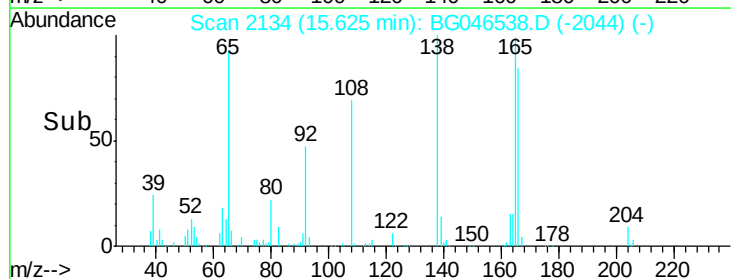
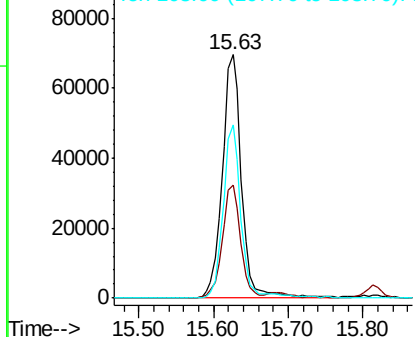


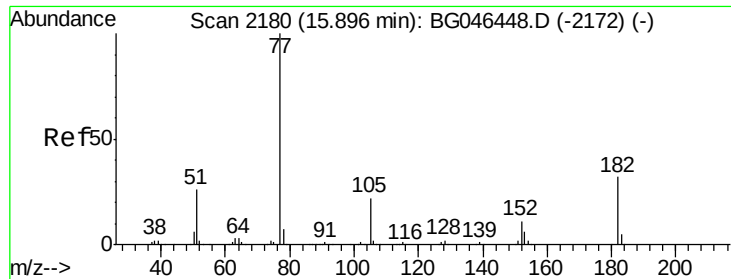
#62
4-Nitroaniline
Concen: 30.878 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:138 Resp: 125384
Ion Ratio Lower Upper
138 100
92 46.6 25.3 65.3
108 71.1 46.7 86.7



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

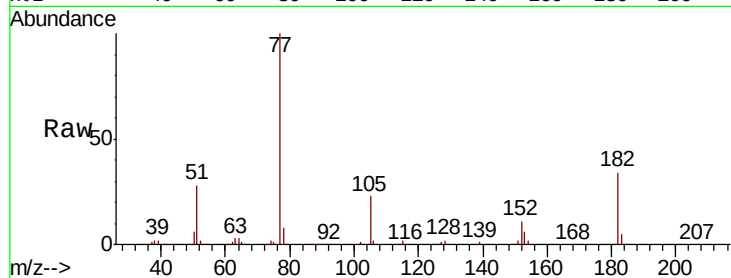




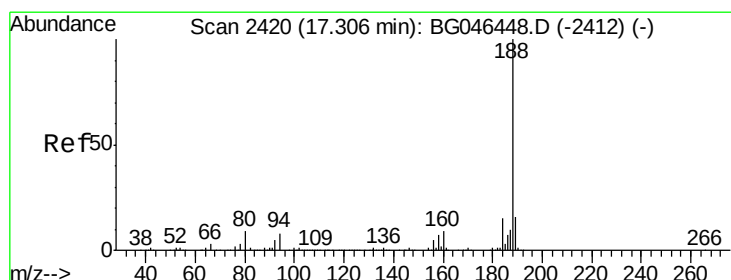
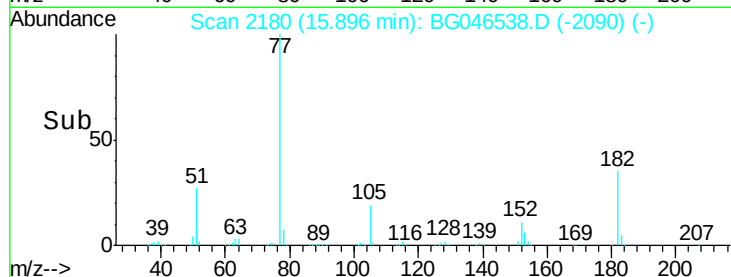
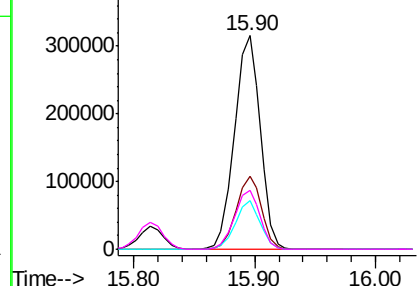
#63
Azobenzene
Concen: 36.565 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion:	77	Resp:	467387
Ion	Ratio	Lower	Upper
77	100		
182	33.9	12.3	52.3
105	22.6	2.3	42.3
51	27.8	6.5	46.5

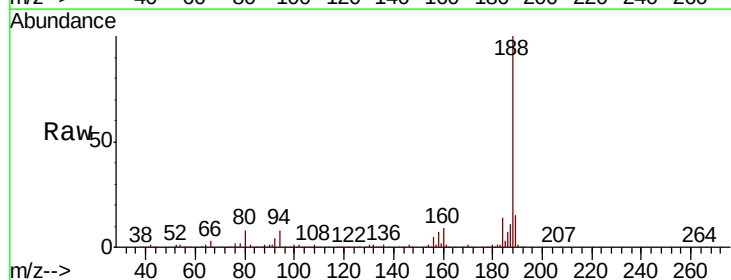


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

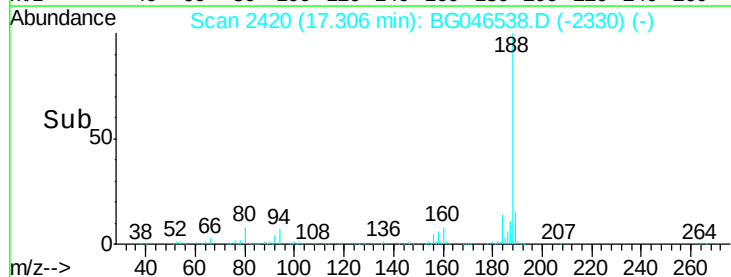
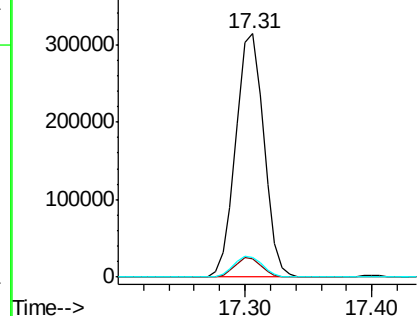


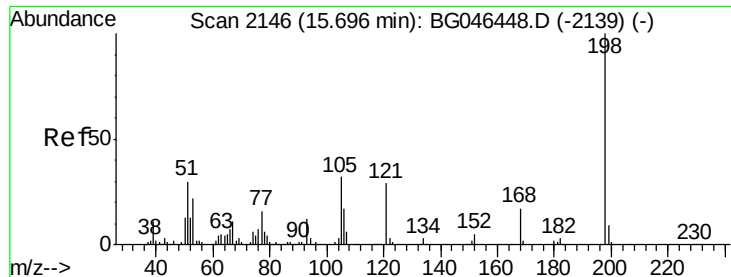
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:	188	Resp:	480686
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.1	6.9	10.3



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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.450 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

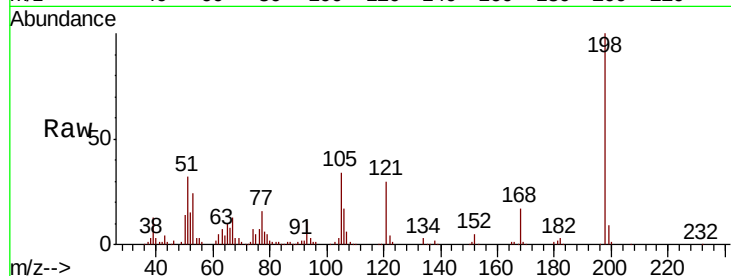
Tot Ion:198 Resp: 115495

Ion	Ratio	Lower	Upper
198	100		
51	31.7	10.4	50.4
105	34.2	12.4	52.4

198 100

51 31.7 10.4 50.4

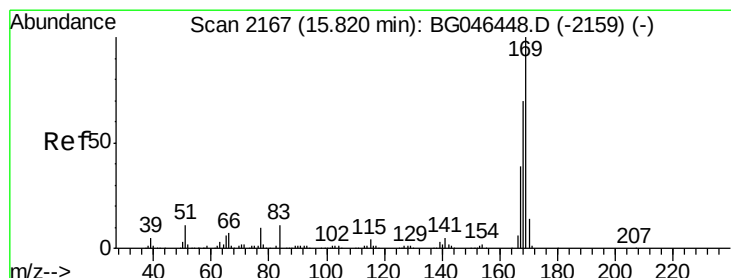
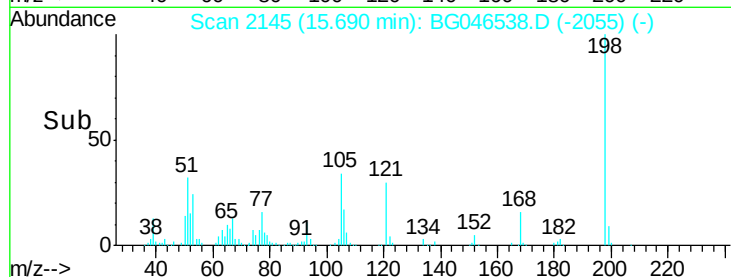
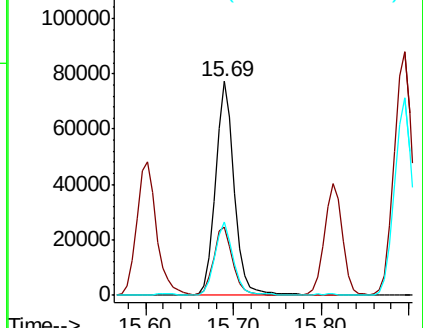
105 34.2 12.4 52.4



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: 38.141 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

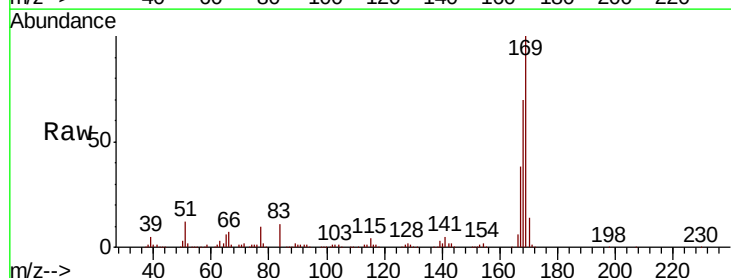
Tgt Ion:169 Resp: 494603

Ion	Ratio	Lower	Upper
169	100		
168	69.9	55.8	83.8
167	38.4	31.0	46.6

169 100

168 69.9 55.8 83.8

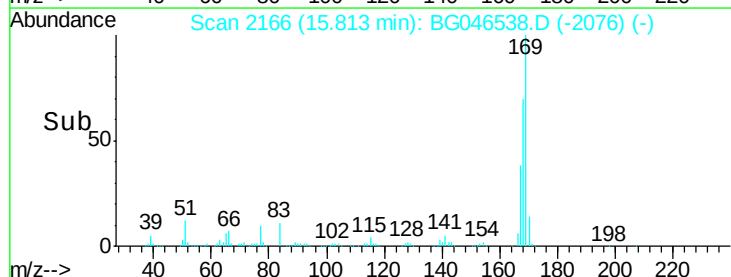
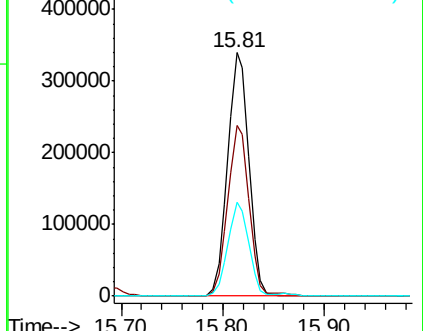
167 38.4 31.0 46.6

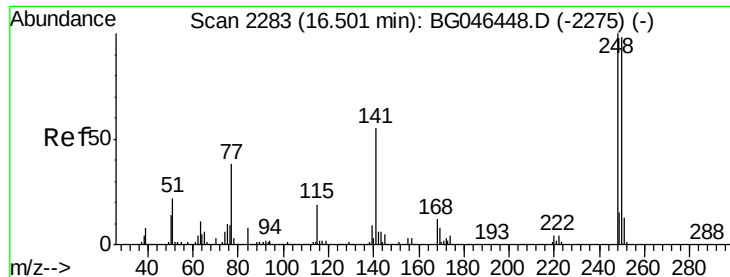


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

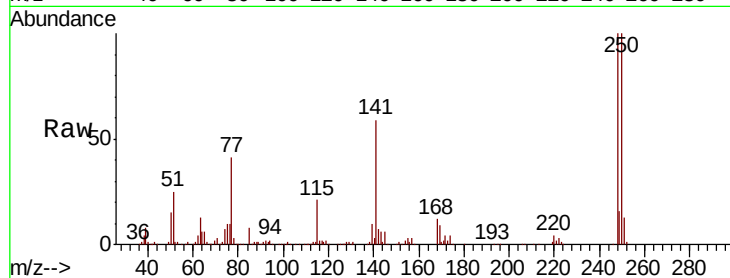




#67
4-Bromophenyl-phenylether
Concen: 36.831 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	78.6	118.0
141	59.3	43.9	65.9

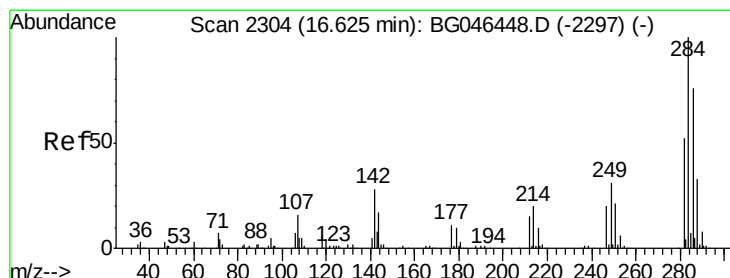
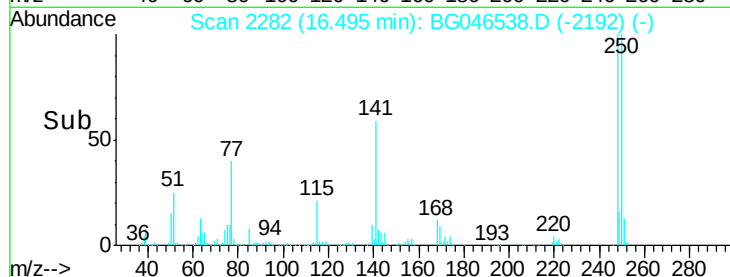
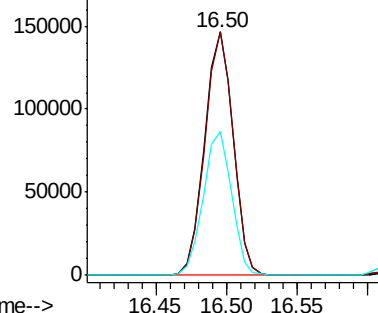


Abundance

Ion 248.00 (247.70 to 248.70): E

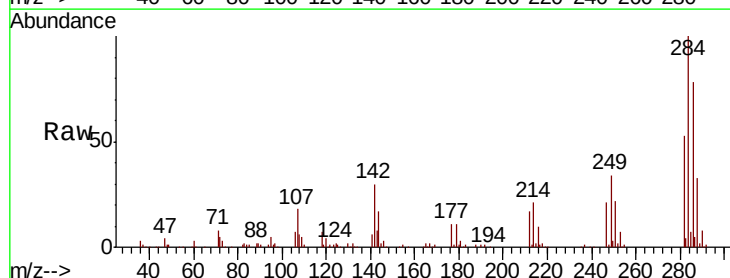
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.850 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	22.3	33.5
249	33.8	24.8	37.2

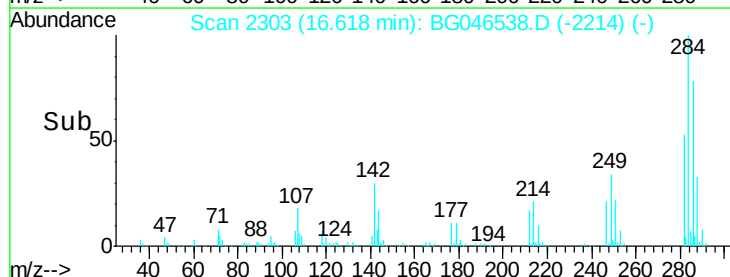
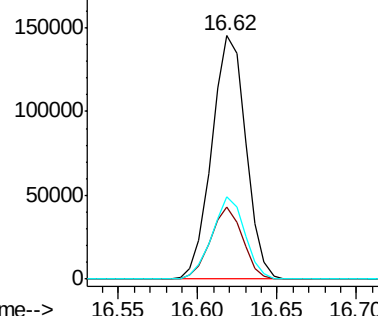


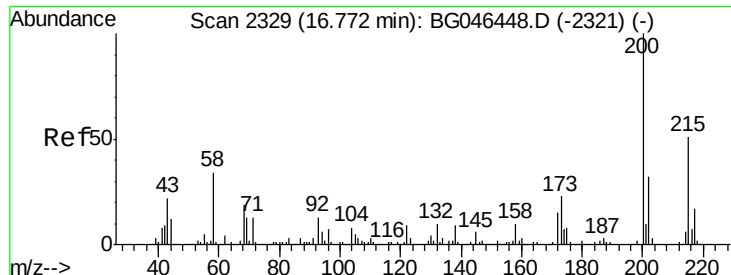
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 34.171 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

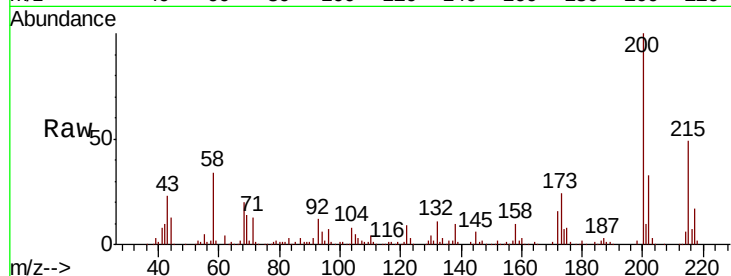
Tot Ion:200 Resp: 180773

Ion Ratio Lower Upper

200 100

173 24.2 3.3 43.3

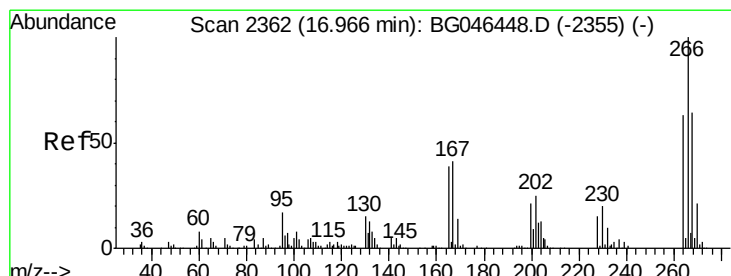
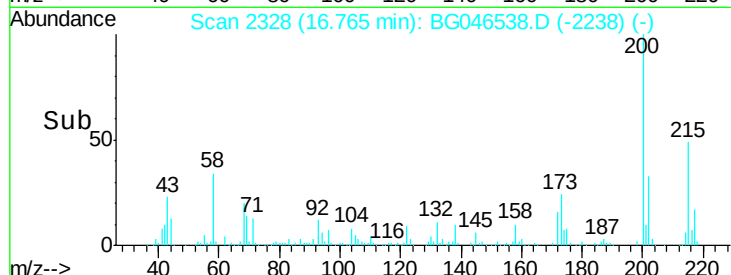
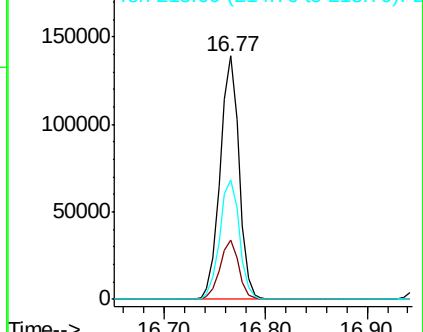
215 49.2 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.620 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

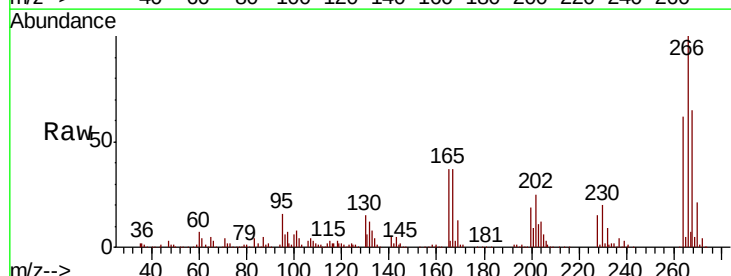
Tgt Ion:266 Resp: 258367

Ion Ratio Lower Upper

266 100

268 65.1 51.1 76.7

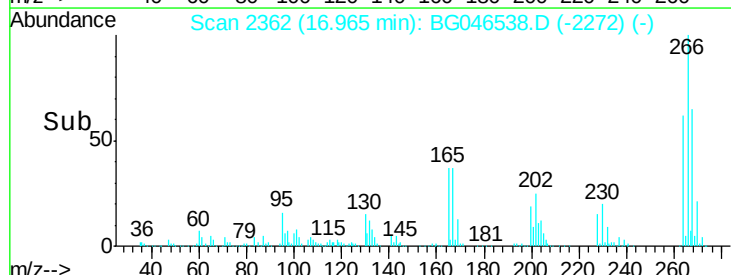
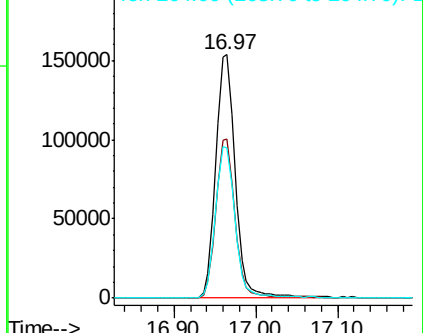
264 61.9 50.2 75.2

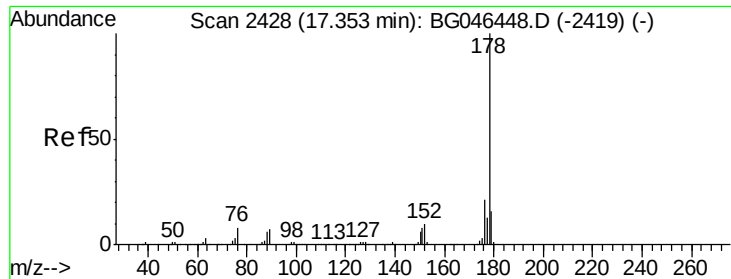


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

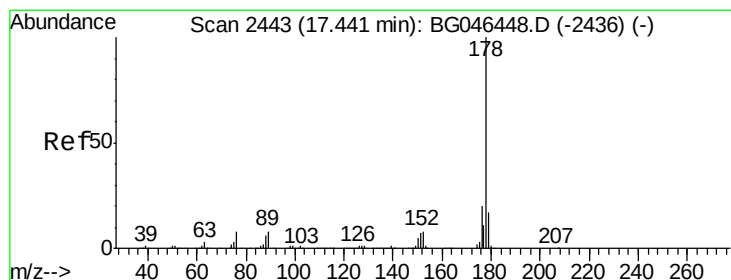
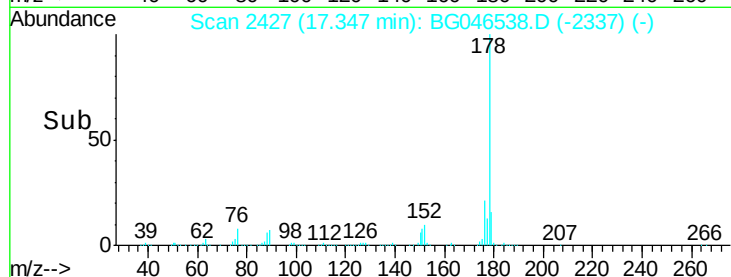
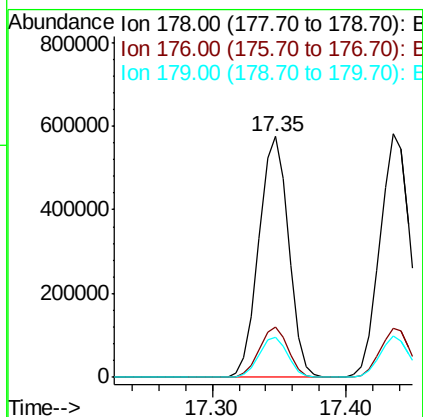
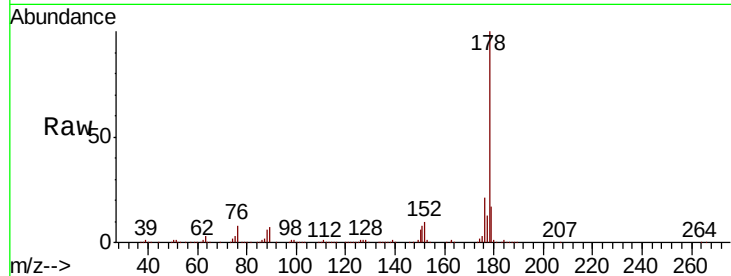




#71
Phenanthrene
Concen: 36.246 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

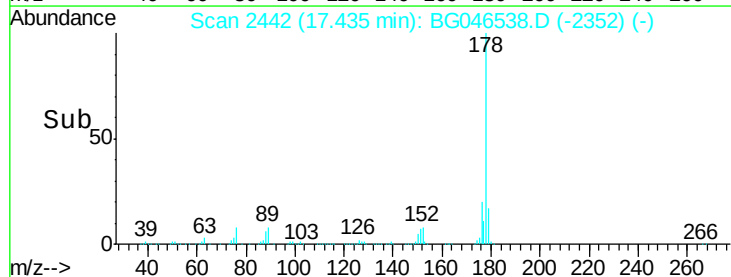
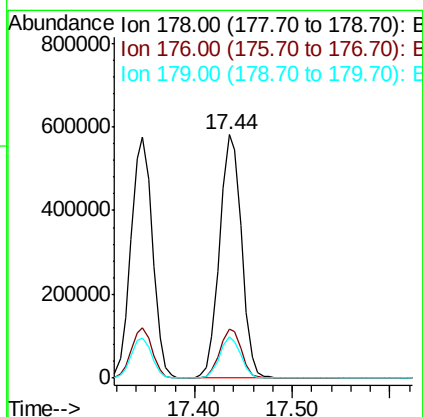
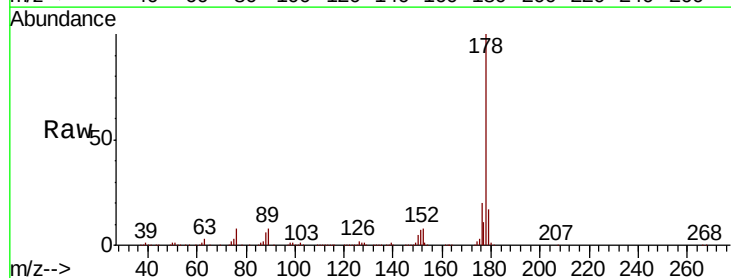
Instrument :
BNA_G
ClientSampleId :
PB131426BS

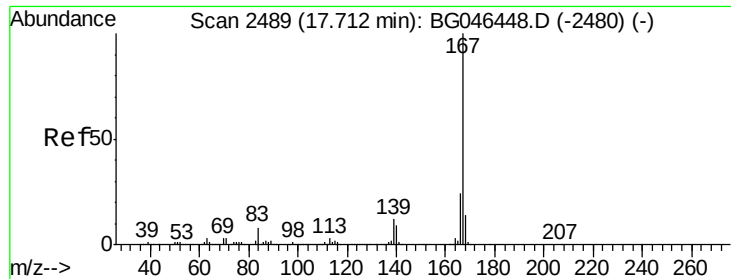
Tot Ion:178 Resp: 883113
Ion Ratio Lower Upper
178 100
176 20.7 16.8 25.2
179 16.6 13.2 19.8



#72
Anthracene
Concen: 37.579 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:178 Resp: 903346
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.9 13.3 19.9

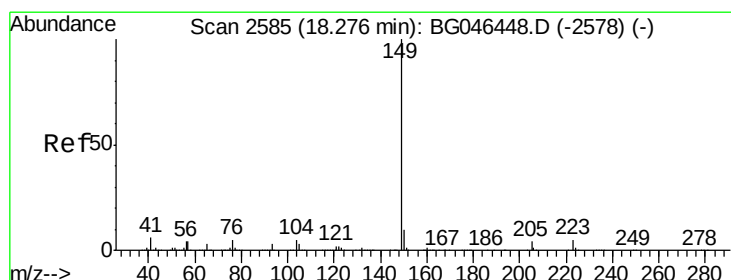
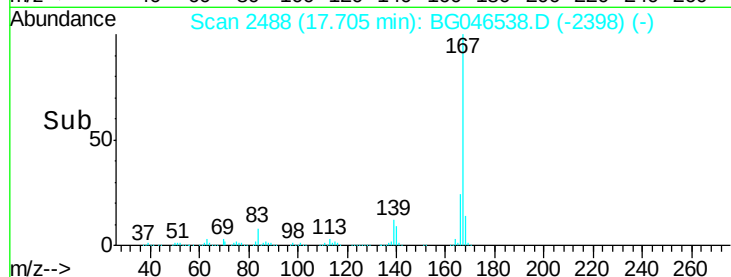
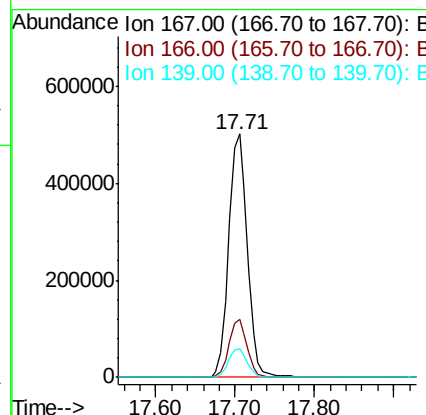
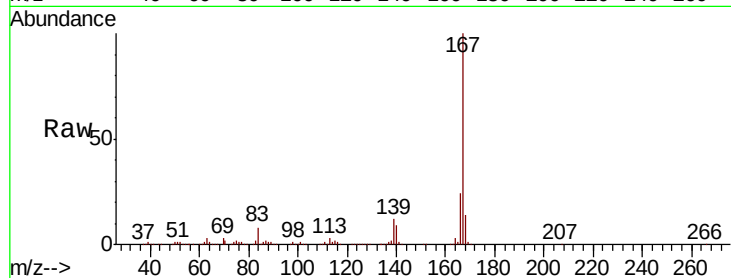




#73
 Carbazole
 Concen: 35.902 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

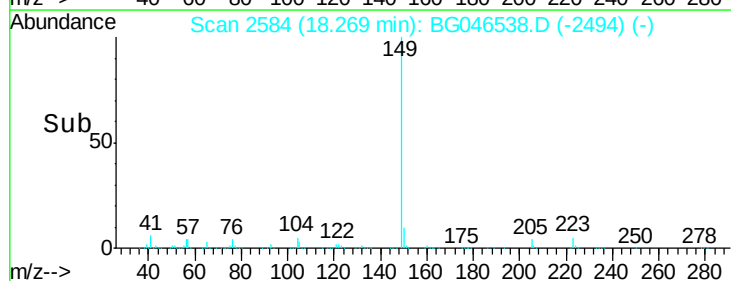
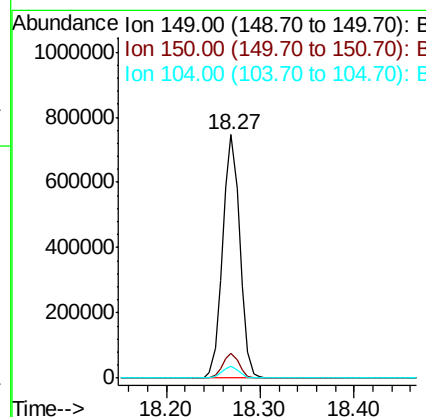
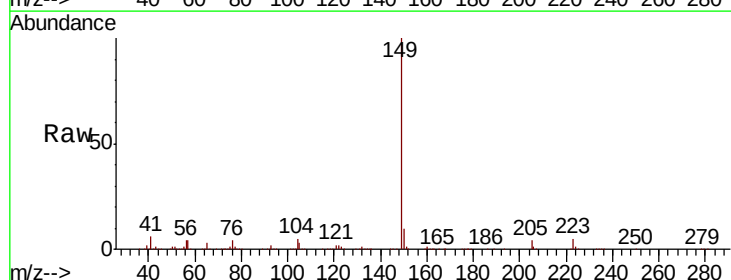
Instrument :
 BNA_G
 ClientSampleId :
 PB131426BS

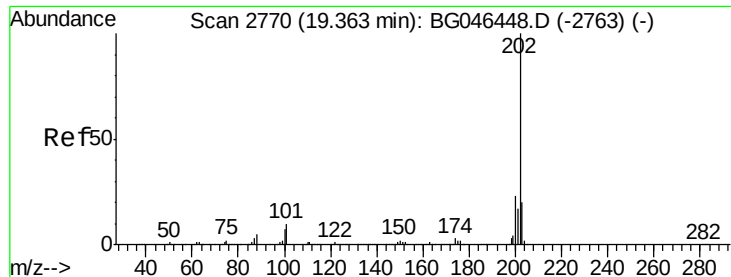
Tot Ion:167 Resp: 814842
 Ion Ratio Lower Upper
 167 100
 166 23.8 19.3 28.9
 139 12.0 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 36.587 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

Tgt Ion:149 Resp: 954879
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.1 12.1
 104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 35.397 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

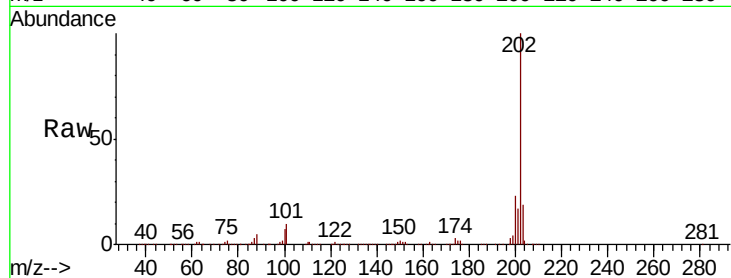
Tot Ion:202 Resp: 1109864

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.9

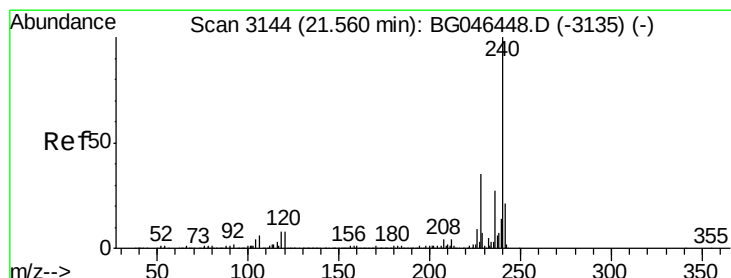
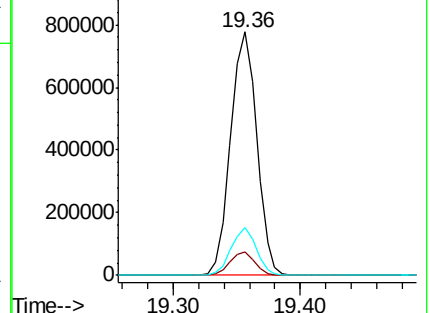
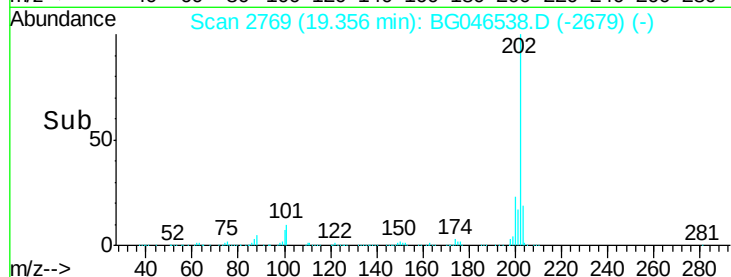
203 19.4 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

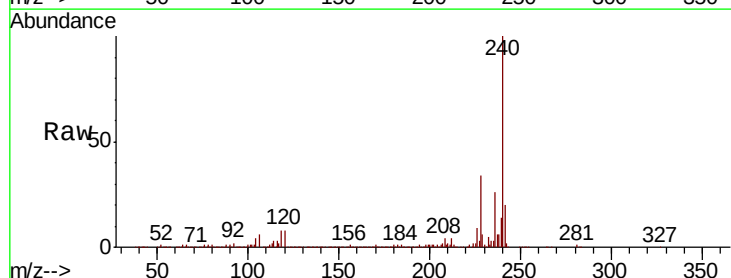
Tgt Ion:240 Resp: 472745

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

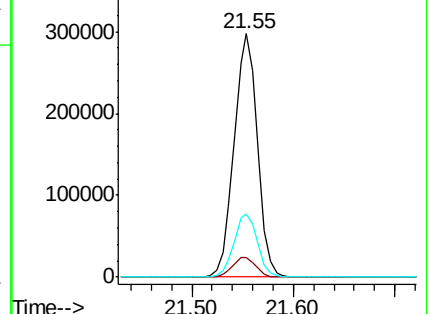
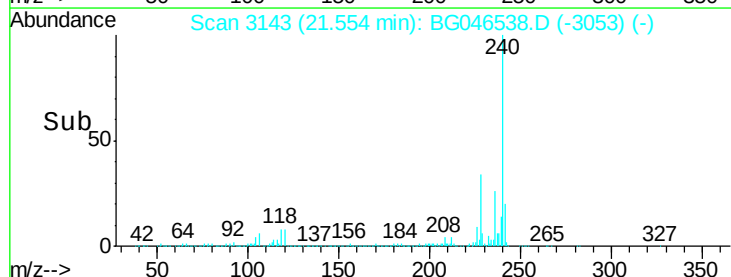
236 25.9 21.4 32.2

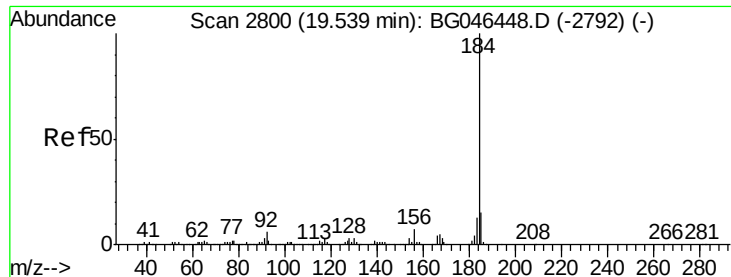


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.774 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB131426BS

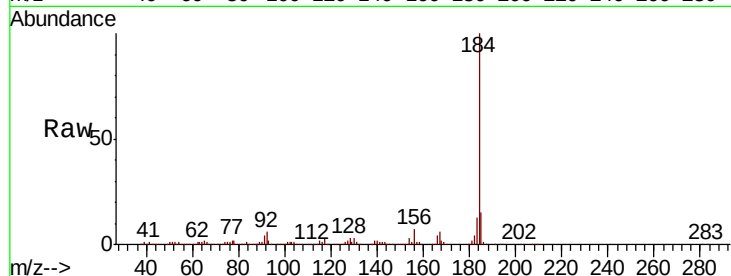
Tot Ion:184 Resp: 458894

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

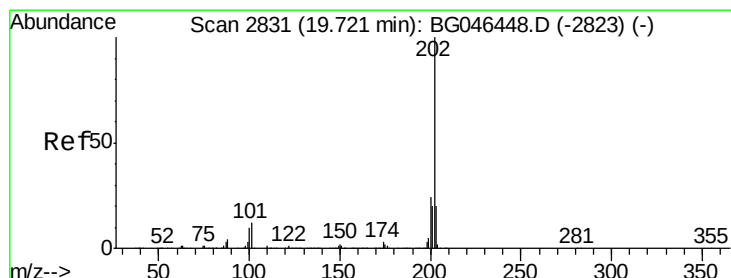
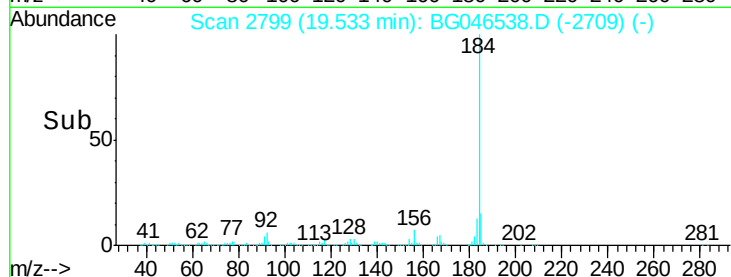
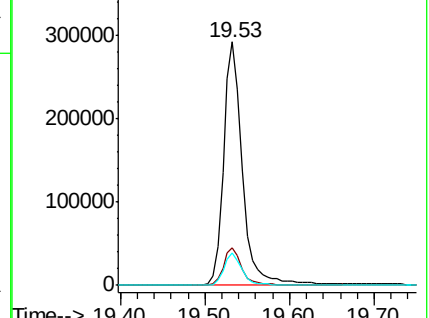
183 13.3 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.636 ng

RT: 19.71 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

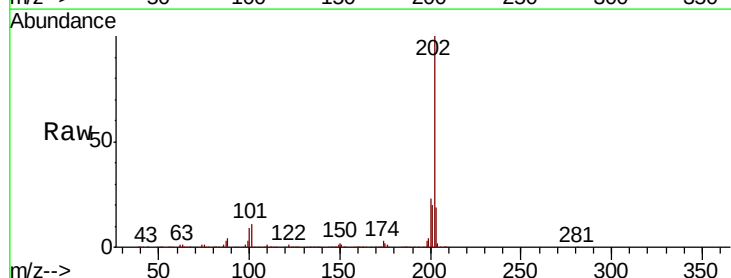
Tgt Ion:202 Resp: 1102881

Ion Ratio Lower Upper

202 100

200 23.2 18.9 28.3

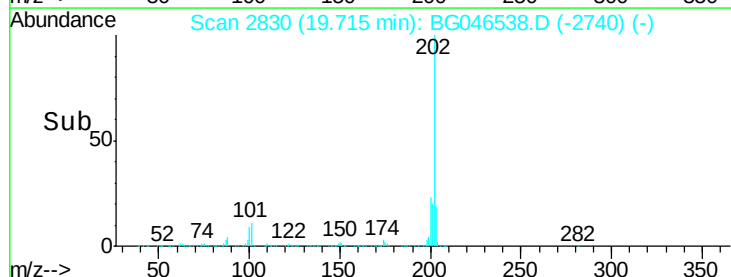
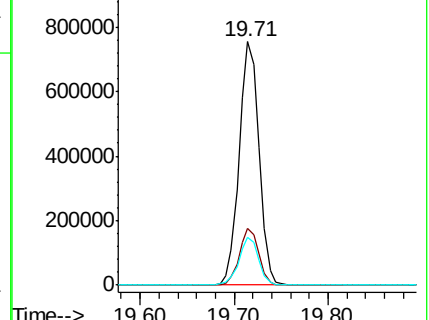
203 19.5 16.1 24.1

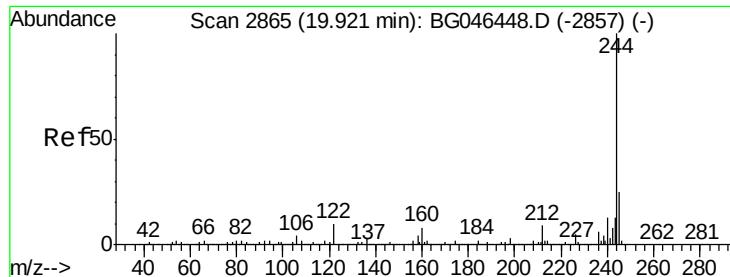


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.658 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

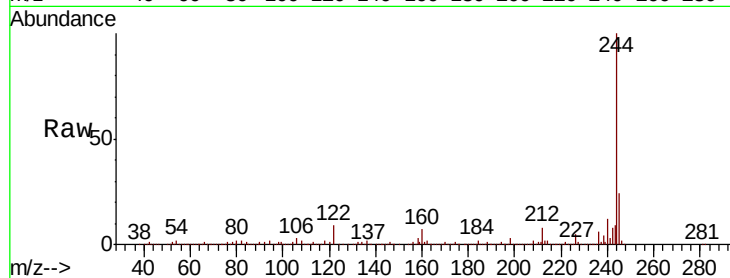
BNA_G

ClientSampleId :

PB131426BS

Tot Ion:244 Resp: 1591786

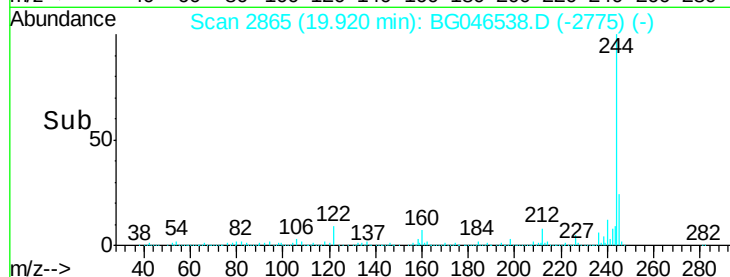
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	9.2	8.2	12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



19.92

1500000

1000000

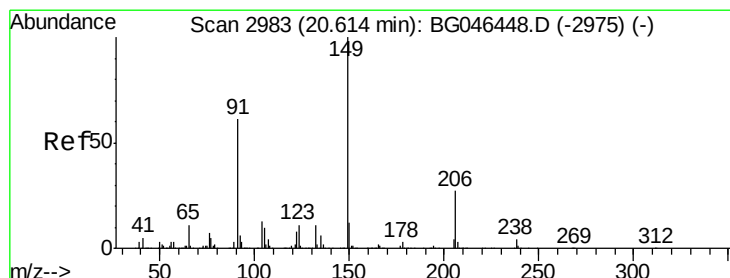
500000

0

Time-->

19.90

20.00



#80

Butylbenzylphthalate

Concen: 37.049 ng

RT: 20.61 min Scan# 2982

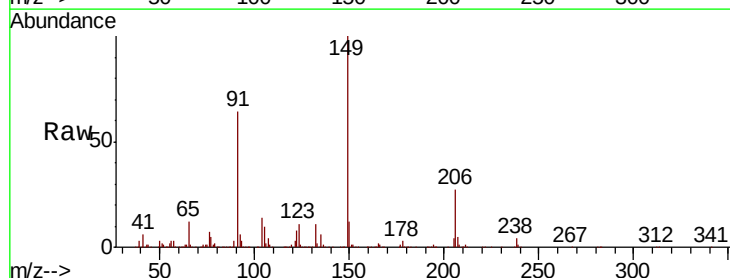
Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Tgt Ion:149 Resp: 435033

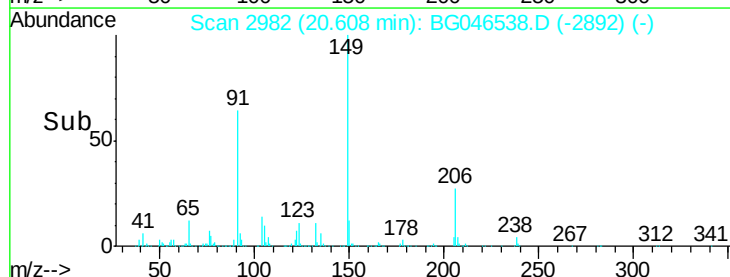
Ion	Ratio	Lower	Upper
149	100		
91	64.1	49.1	73.7
206	27.3	21.9	32.9



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



20.61

500000

400000

300000

200000

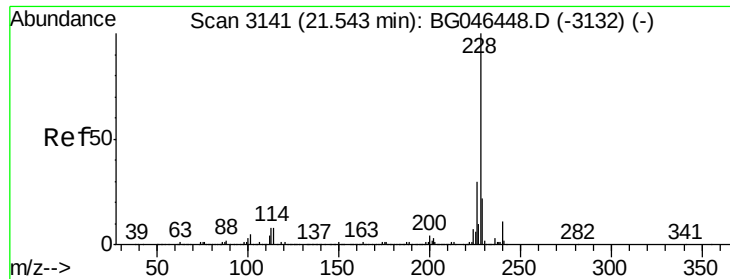
100000

0

Time-->

20.60

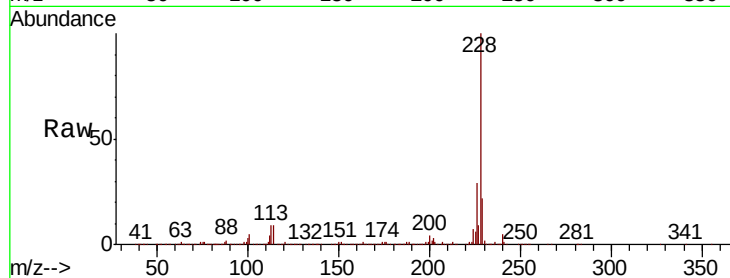
20.70



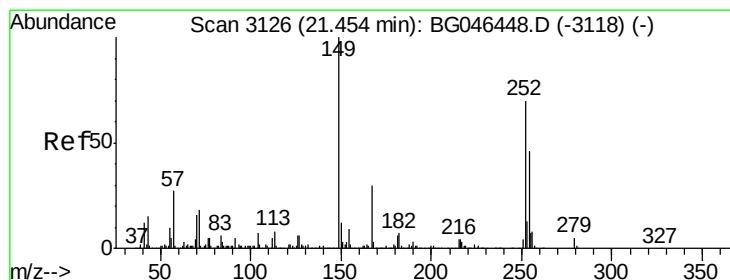
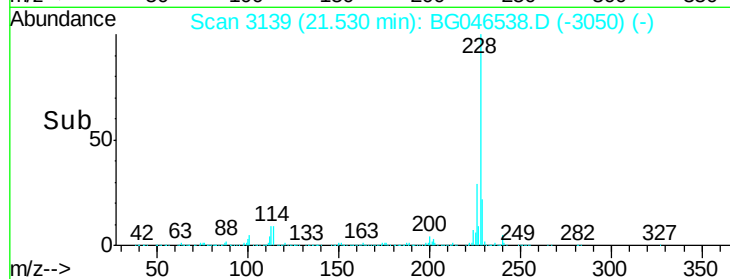
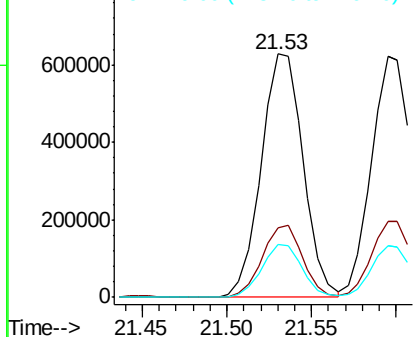
#81
Benzo(a)anthracene
Concen: 36.731 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion:228 Resp: 1082304
Ion Ratio Lower Upper
228 100
226 28.6 24.2 36.4
229 21.6 17.4 26.2

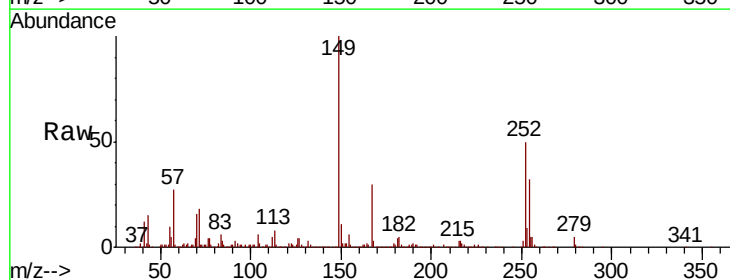


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

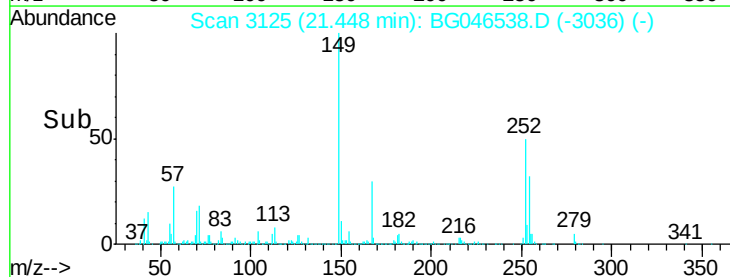
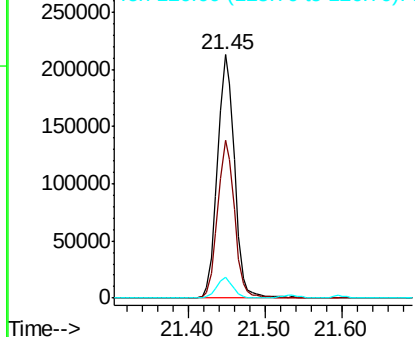


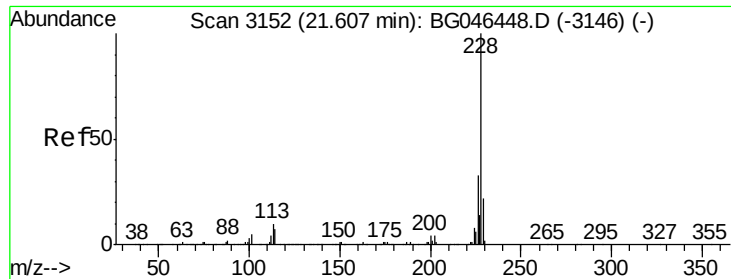
#82
3,3'-Dichlorobenzidine
Concen: 29.804 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:252 Resp: 325909
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 8.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.504 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

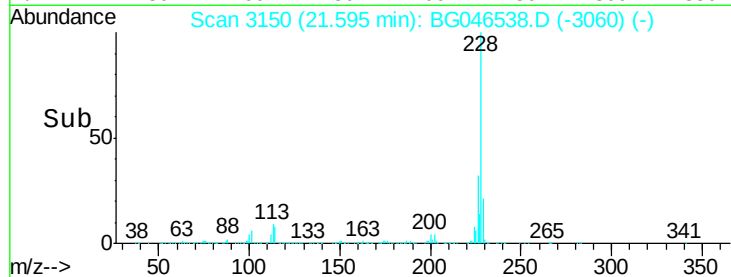
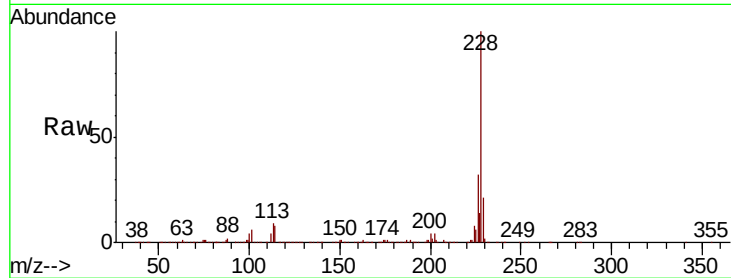
BNA_G

ClientSampleId :

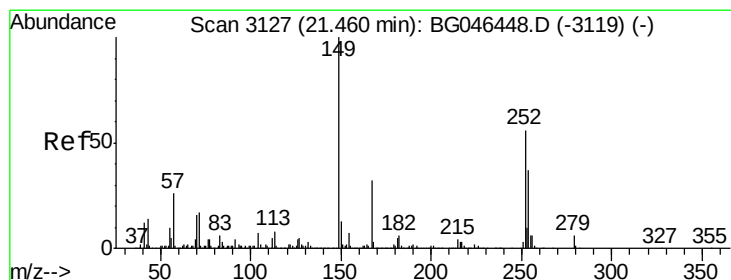
PB131426BS

Tot Ion:228 Resp: 1034681

Ion	Ratio	Lower	Upper
228	100		
226	31.6	26.2	39.4
229	21.4	17.9	26.9



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.367 ng

RT: 21.45 min Scan# 3126

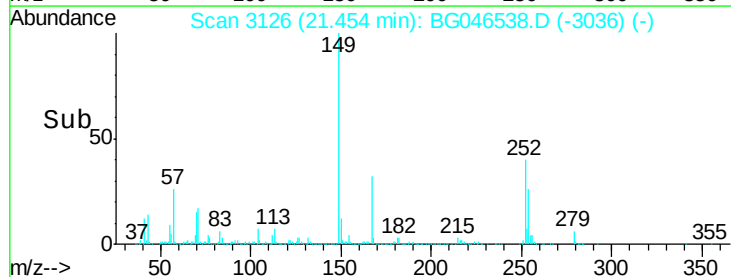
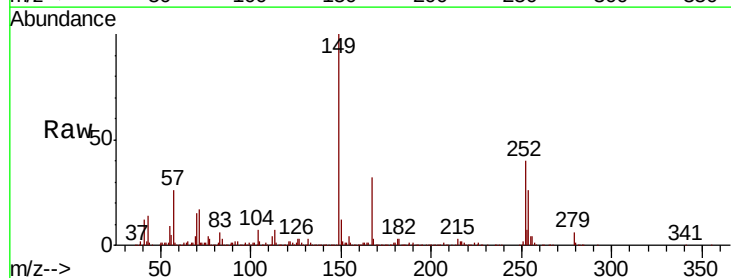
Delta R.T. -0.00 min

Lab File: BG046538.D

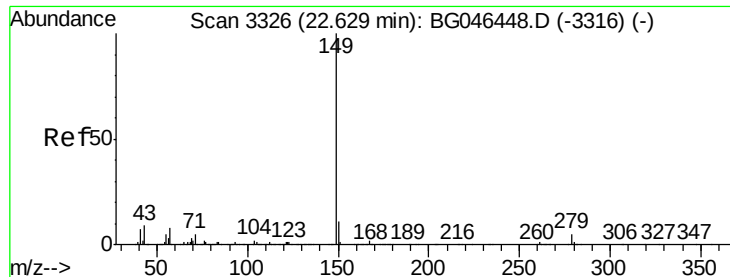
Acq: 4 Sep 2020 13:06

Tgt Ion:149 Resp: 614799

Ion	Ratio	Lower	Upper
149	100		
167	31.8	25.4	38.2
279	5.9	4.5	6.7



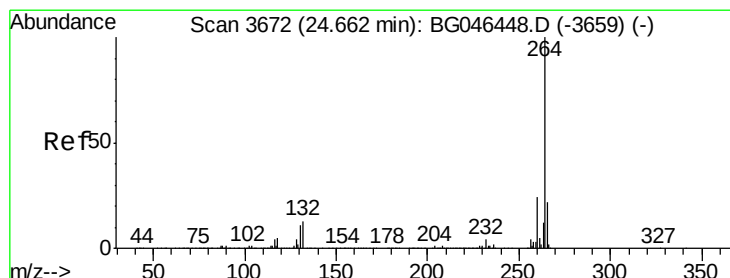
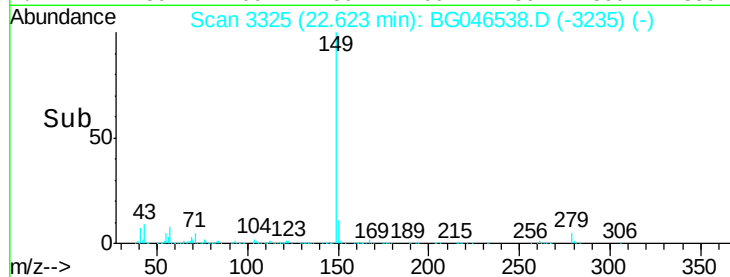
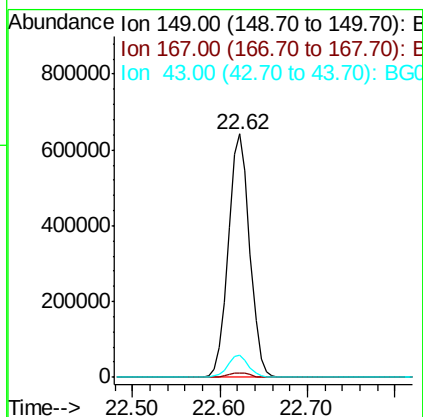
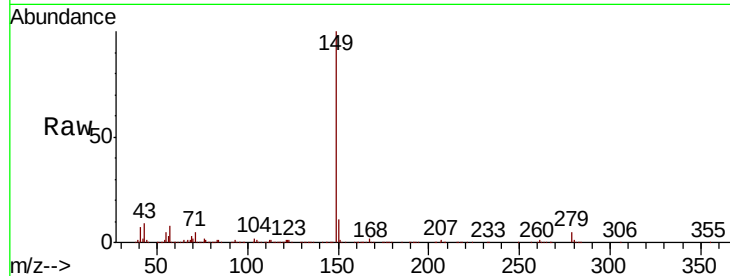
Time-->



#85
Di-n-octyl phthalate
Concen: 38.863 ng
RT: 22.62 min Scan# 3325
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

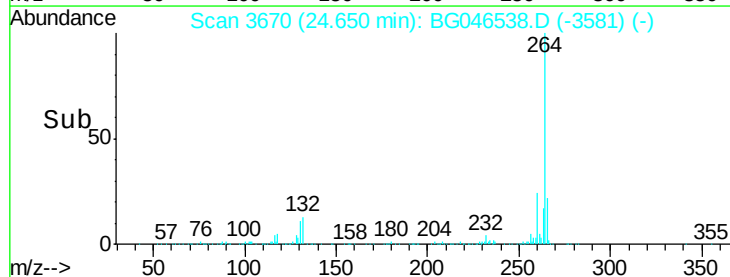
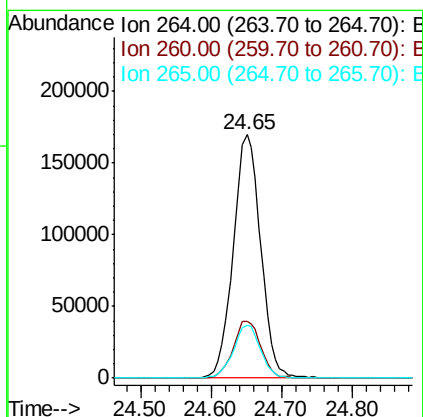
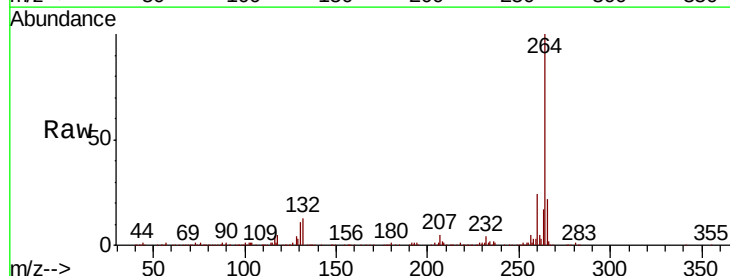
Instrument :
BNA_G
ClientSampleId :
PB131426BS

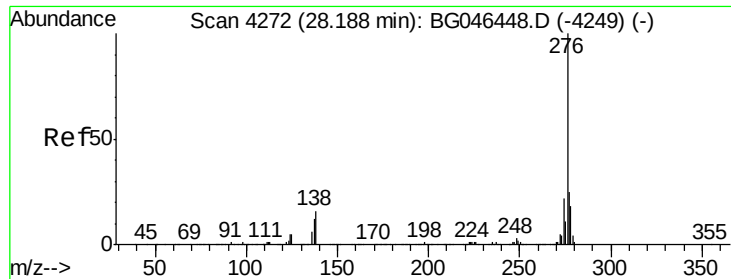
Tot Ion:149 Resp: 1066324
Ion Ratio Lower Upper
149 100
167 1.9 1.5 2.3
43 8.6 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:264 Resp: 457352
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.9 17.9 26.9



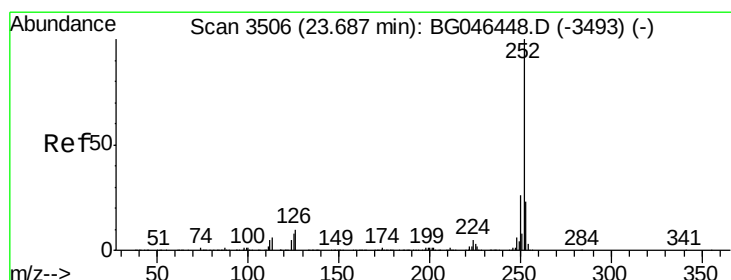
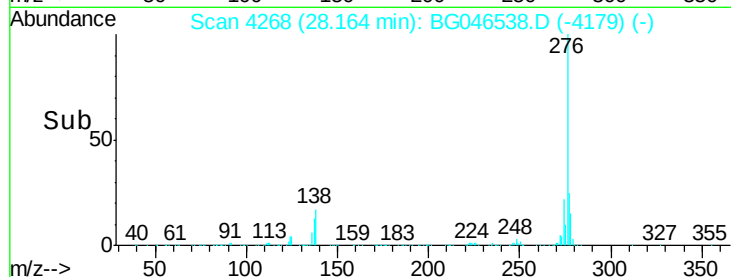
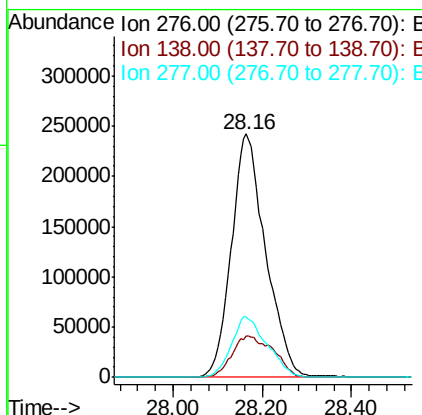
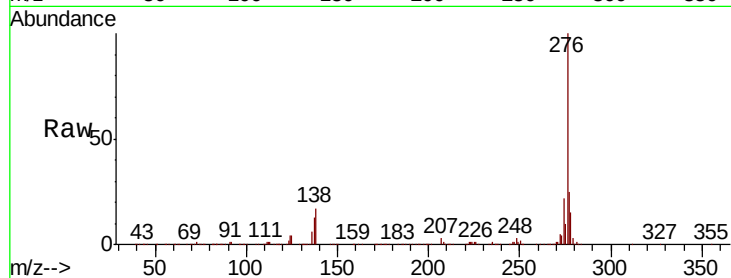


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.366 ng
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

Instrument :
 BNA_G
 ClientSampleId :
 PB131426BS

Tot Ion:276 Resp: 1293090

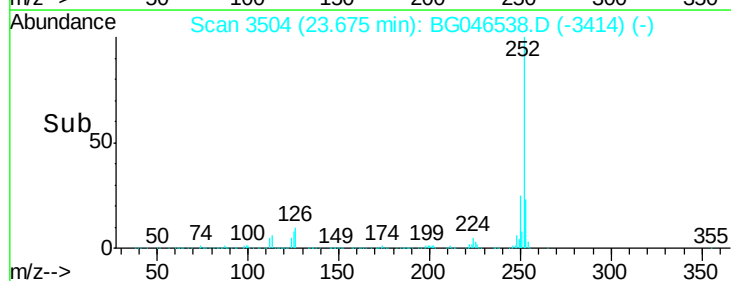
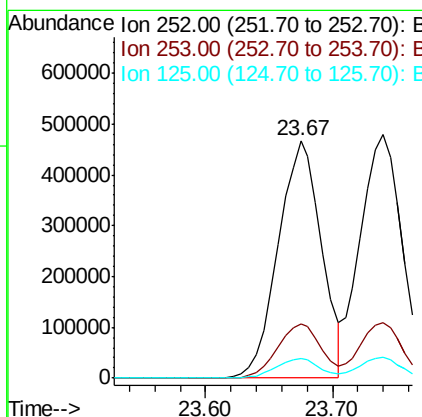
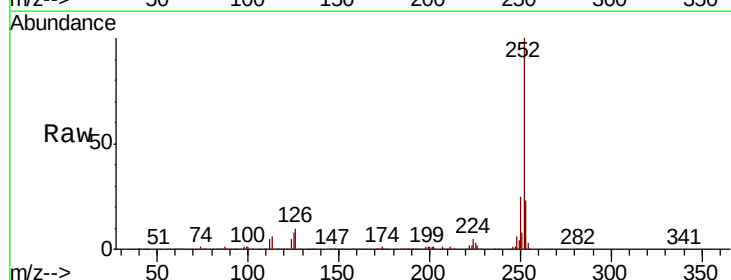
Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
277	26.0	20.7	31.1

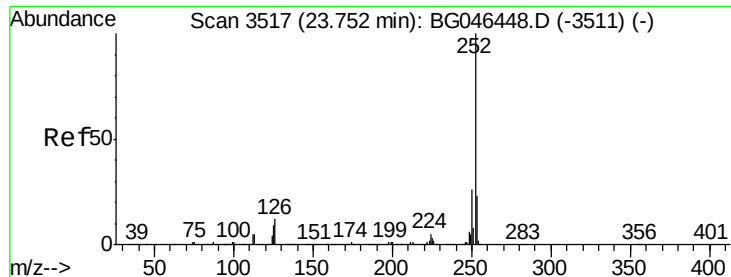


#88
 Benzo(b)fluoranthene
 Concen: 38.753 ng
 RT: 23.67 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: BG046538.D
 Acq: 4 Sep 2020 13:06

Tgt Ion:252 Resp: 1106695

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	8.4	6.2	9.2

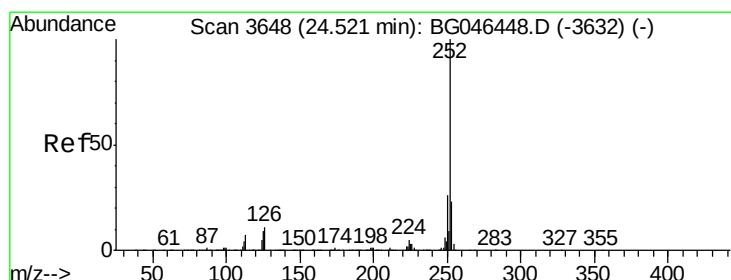
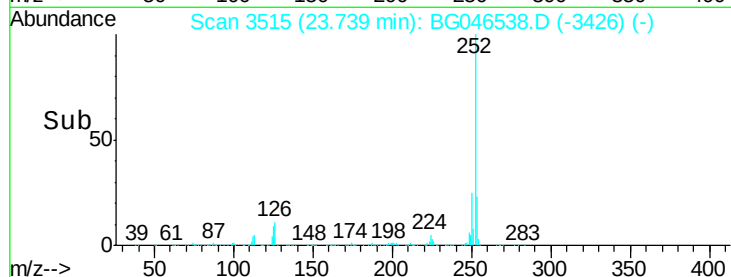
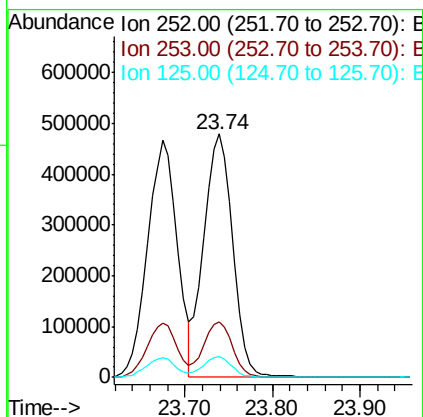
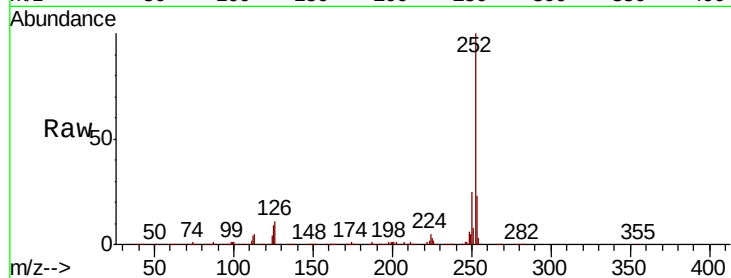




#89
Benzo(k)fluoranthene
Concen: 39.907 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

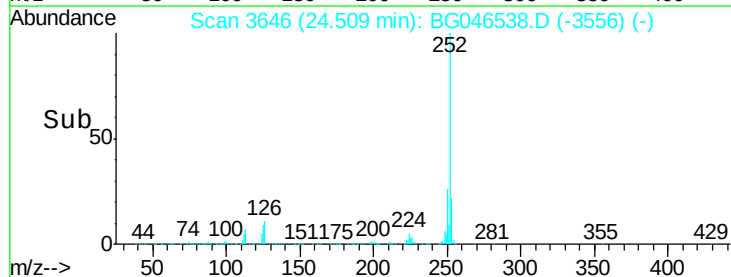
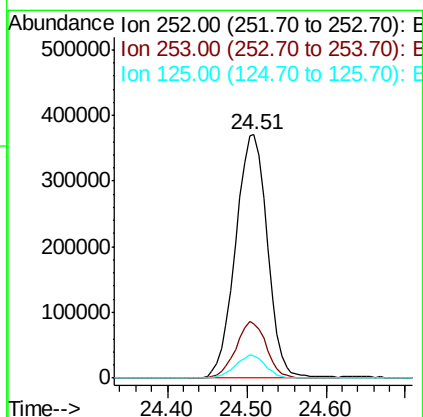
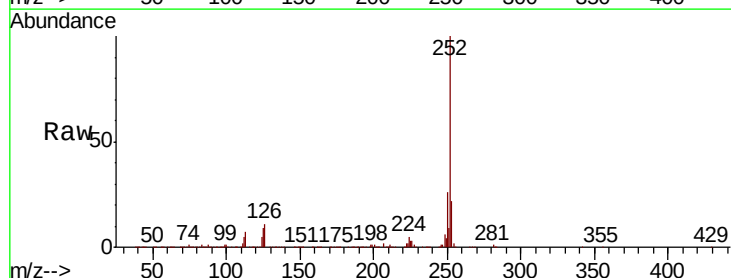
Instrument :
BNA_G
ClientSampleId :
PB131426BS

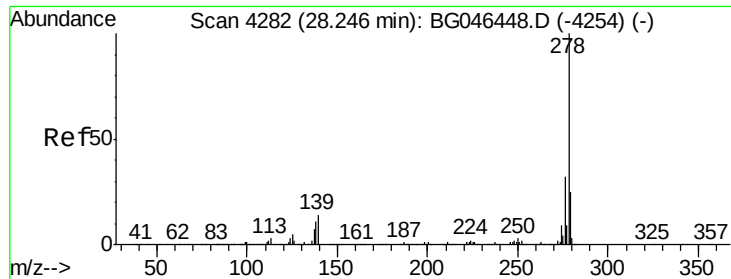
Tot Ion:252 Resp: 1101414
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 8.7 6.8 10.2



#90
Benzo(a)pyrene
Concen: 38.685 ng
RT: 24.51 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:252 Resp: 1030976
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 9.1 7.4 11.0



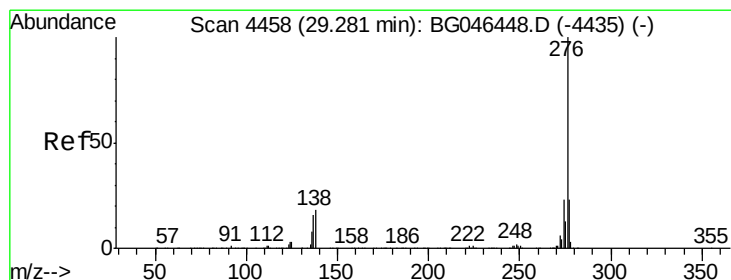
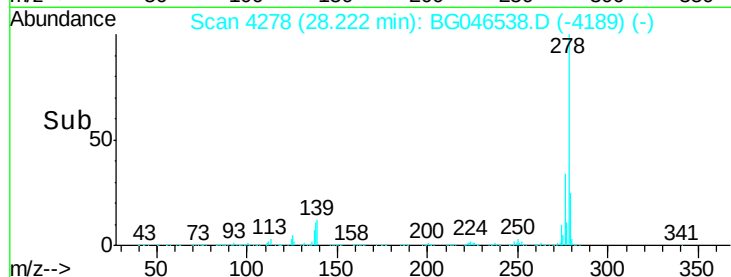
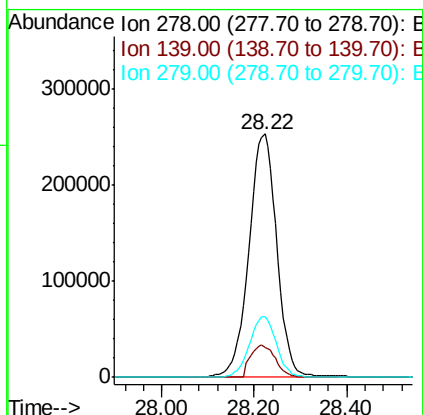
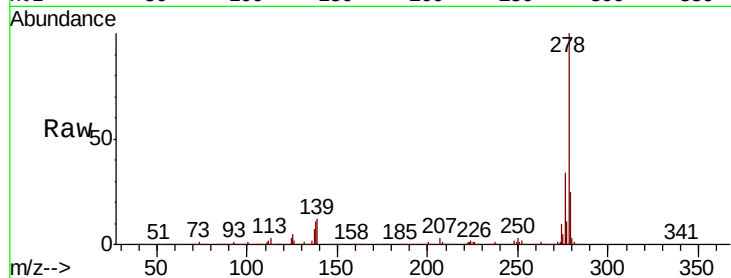


#91
Dibenzo(a,h)anthracene
Concen: 40.232 ng
RT: 28.22 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB131426BS

Tot Ion:278 Resp: 1066438

Ion	Ratio	Lower	Upper
278	100		
139	12.4	11.2	16.8
279	24.8	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 41.387 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046538.D
Acq: 4 Sep 2020 13:06

Tgt Ion:276 Resp: 1095509

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	17.8	14.7	22.1

