

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046622.D
 Acq On : 15 Sep 2020 13:19
 Operator : CG/JU
 Sample : PB131588BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

Quant Time: Sep 15 14:50:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	52350	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	232896	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	187732	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	473134	20.00	ng	0.00
76) Chrysene-d12	21.55	240	470075	20.00	ng	0.00
86) Perylene-d12	24.64	264	467535	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	330553	111.84	ng	0.00
7) Phenol-d6	7.09	99	464740	110.92	ng	0.00
23) Nitrobenzene-d5	9.07	82	283291	69.52	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	259540	102.03	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	842540	68.51	ng	0.00
79) Terphenyl-d14	19.92	244	1472609	66.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	61418	49.947	ng	98
3) Pyridine	3.80	79	88306	24.545	ng	94
4) n-Nitrosodimethylamine	3.72	42	49583	37.367	ng	98
6) Aniline	7.25	93	189742	40.243	ng	99
8) 2-Chlorophenol	7.49	128	145065	46.438	ng	99
9) Benzaldehyde	7.06	77	86777	36.966	ng	95
10) Phenol	7.12	94	185742	48.130	ng	100
11) bis(2-Chloroethyl)ether	7.34	93	125069	40.319	ng	100
12) 1,3-Dichlorobenzene	7.81	146	143126	36.087	ng	100
13) 1,4-Dichlorobenzene	7.95	146	147502	37.149	ng	97
14) 1,2-Dichlorobenzene	8.28	146	143182	37.608	ng	98
15) Benzyl Alcohol	8.16	79	124953	46.451	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	183512	38.140	ng	99
17) 2-Methylphenol	8.37	107	132691	48.483	ng	97
18) Hexachloroethane	9.00	117	47786	35.495	ng	99
19) n-Nitroso-di-n-propylamine	8.73	70	108841	43.428	ng	99
20) 3+4-Methylphenols	8.70	107	185831	49.193	ng	99
22) Acetophenone	8.74	105	212010	37.397	ng	99
24) Nitrobenzene	9.12	77	153866	38.221	ng	97
25) Isophorone	9.64	82	320244	42.867	ng	99
26) 2-Nitrophenol	9.83	139	86175	40.573	ng	97
27) 2,4-Dimethylphenol	9.90	122	149962	51.334	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	190438	39.605	ng	99
29) 2,4-Dichlorophenol	10.37	162	174203	44.732	ng	100
30) 1,2,4-Trichlorobenzene	10.58	180	164746	35.654	ng	100
31) Naphthalene	10.77	128	445379	39.166	ng	99
32) Benzoic acid	10.06	122	50913	28.339	ng	97
33) 4-Chloroaniline	10.88	127	171067	34.116	ng	98
34) Hexachlorobutadiene	11.06	225	99778	33.265	ng	97
35) Caprolactam	11.65	113	34371	23.611	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	184970	48.563	ng	96
37) 2-Methylnaphthalene	12.38	142	380643	42.443	ng	98
38) 1-Methylnaphthalene	12.59	142	360900	42.483	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	222268	35.903	ng	99

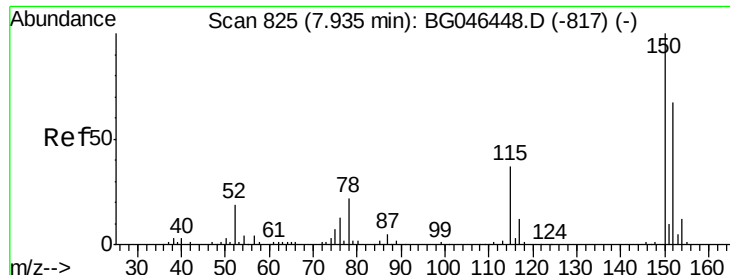
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046622.D
 Acq On : 15 Sep 2020 13:19
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 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	226505	84.144	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	160933	38.522	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	180232	41.061	ng	99
46) 1,1'-Biphenyl	13.39	154	511629	39.171	ng	99
47) 2-Chloronaphthalene	13.43	162	399902	36.111	ng	99
48) 2-Nitroaniline	13.63	65	121252	39.431	ng	96
49) Acenaphthylene	14.27	152	683273	40.674	ng	98
50) Dimethylphthalate	14.01	163	585130	40.287	ng	99
51) 2,6-Dinitrotoluene	14.13	165	135691	42.383	ng	95
52) Acenaphthene	14.62	154	406712	39.070	ng	98
53) 3-Nitroaniline	14.46	138	109864	31.680	ng	100
54) 2,4-Dinitrophenol	14.67	184	161622	86.485	ng	98
55) Dibenzofuran	14.96	168	675610	40.441	ng	99
56) 4-Nitrophenol	14.78	139	215787	84.547	ng	98
57) 2,4-Dinitrotoluene	14.92	165	192118	42.084	ng	99
58) Fluorene	15.60	166	569585	40.622	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	183142	42.967	ng	99
60) Diethylphthalate	15.37	149	581583	41.070	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	305218	39.525	ng	97
62) 4-Nitroaniline	15.62	138	140392	38.367	ng	99
63) Azobenzene	15.89	77	478665	41.555	ng	96
65) 4,6-Dinitro-2-methylphenol	15.69	198	122847	45.873	ng	98
66) n-Nitrosodiphenylamine	15.81	169	528103	41.374	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	225501	40.852	ng	97
68) Hexachlorobenzene	16.61	284	235031	38.446	ng	99
69) Atrazine	16.76	200	197024	37.837	ng	99
70) Pentachlorophenol	16.96	266	254979	79.830	ng	97
71) Phenanthrene	17.34	178	958508	39.968	ng	99
72) Anthracene	17.43	178	983793	41.578	ng	100
73) Carbazole	17.70	167	891255	39.895	ng	99
74) Di-n-butylphthalate	18.26	149	999912	38.924	ng	100
75) Fluoranthene	19.35	202	1205259	39.053	ng	100
77) Benzidine	19.53	184	642170	58.790	ng	98
78) Pyrene	19.72	202	1197748	40.013	ng	99
80) Butylbenzylphthalate	20.60	149	447709	38.345	ng	100
81) Benzo(a)anthracene	21.52	228	1159444	39.572	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	358852	33.003	ng	98
83) Chrysene	21.59	228	1109547	39.368	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	630407	39.564	ng	99
85) Di-n-octyl phthalate	22.61	149	1099710	40.307	ng	99
87) Indeno(1,2,3-cd)pyrene	28.15	276	1376075	40.980	ng	100
88) Benzo(b)fluoranthene	23.66	252	1203699	41.232	ng	98
89) Benzo(k)fluoranthene	23.73	252	1153016	40.867	ng	100
90) Benzo(a)pyrene	24.50	252	1098457	40.319	ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1137890	41.992	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1161741	42.933	ng	98

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

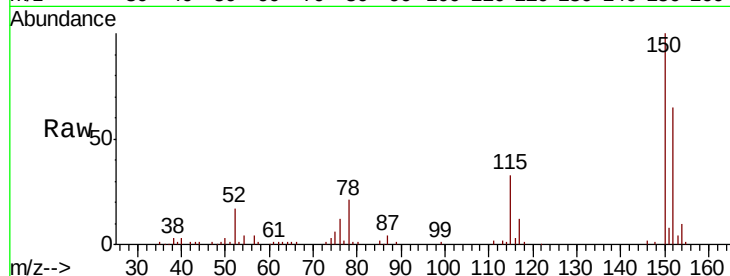


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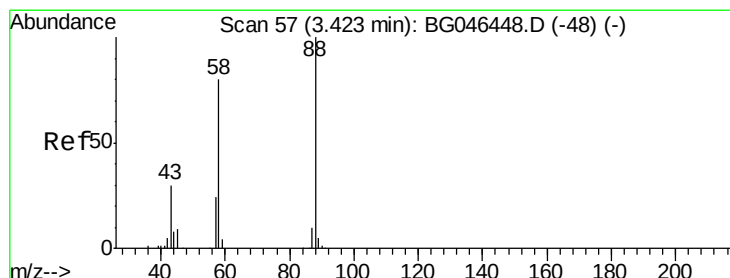
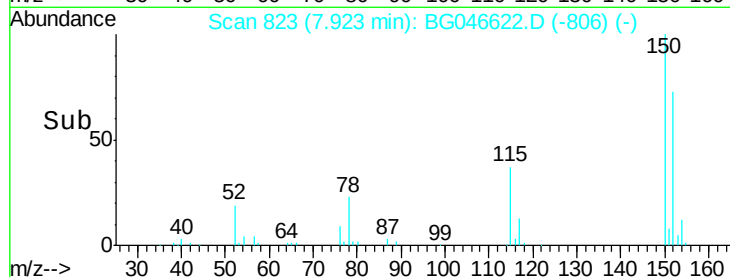
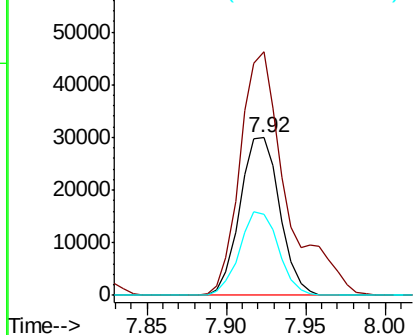
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion:152 Resp: 52350
Ion Ratio Lower Upper
152 100
150 154.8 119.5 179.3
115 51.4 44.3 66.5



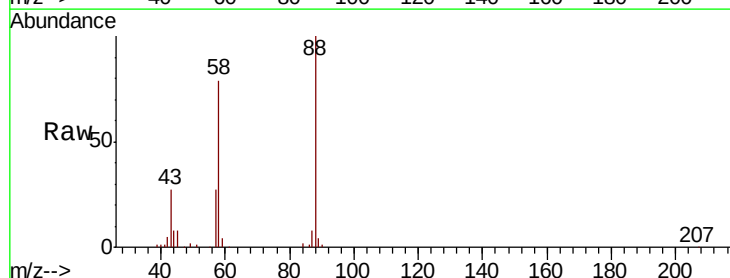
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



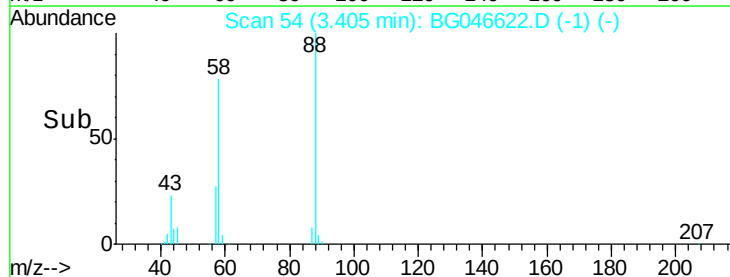
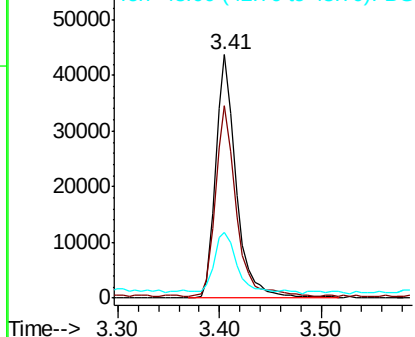
#2

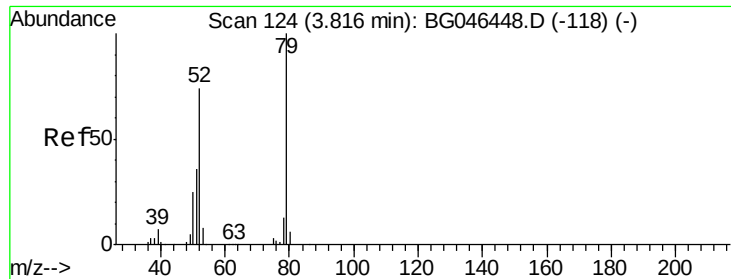
1,4-Dioxane
Concen: 49.947 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion: 88 Resp: 61418
Ion Ratio Lower Upper
88 100
58 78.6 61.4 92.2
43 26.0 21.6 32.4



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





#3

Pvridine

Concen: 24.545 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

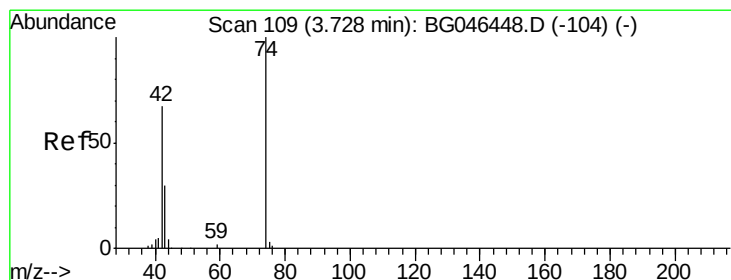
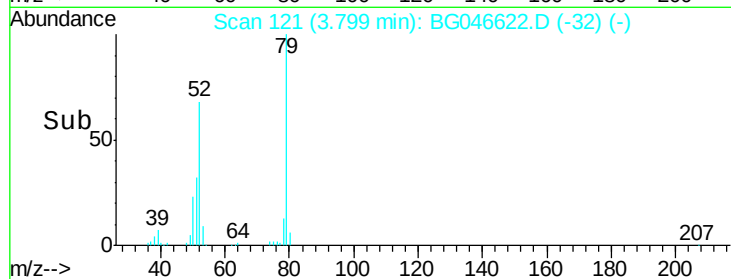
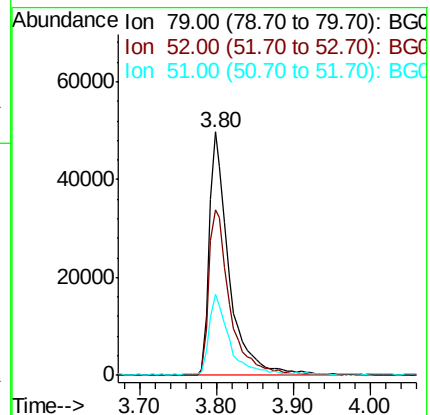
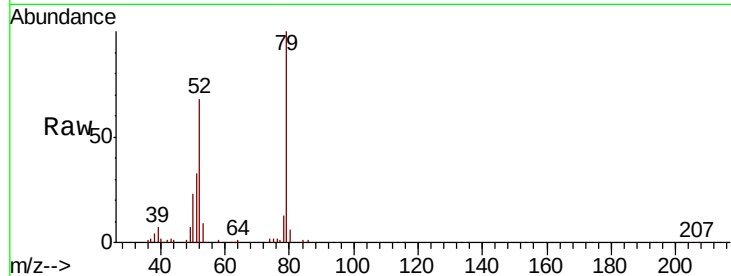
Tot Ion: 79 Resp: 88306

Ion Ratio Lower Upper

79 100

52 68.0 59.1 88.7

51 33.1 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 37.367 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

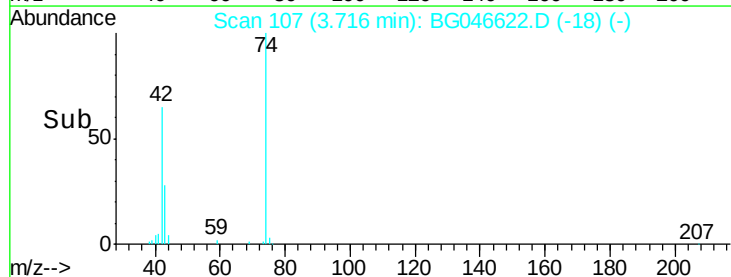
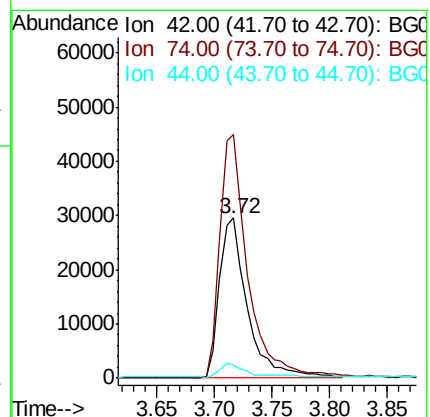
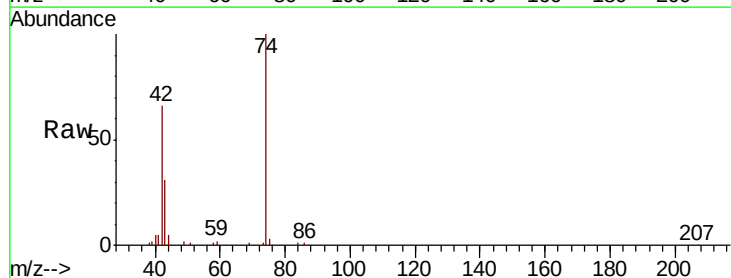
Tgt Ion: 42 Resp: 49583

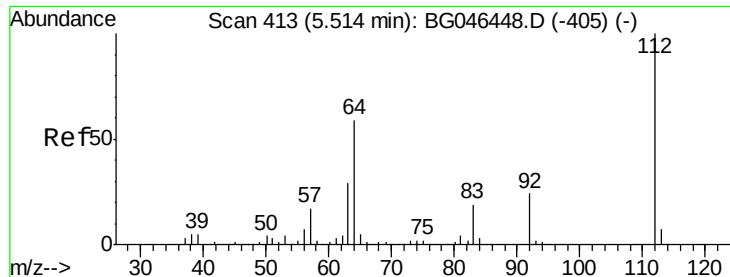
Ion Ratio Lower Upper

42 100

74 152.1 119.5 179.3

44 8.3 5.7 8.5





#5

2-Fluorophenol

Concen: 111.838 ng

RT: 5.51 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

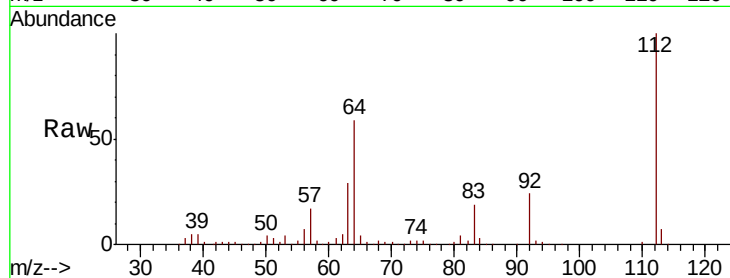
Tot Ion:112 Resp: 330553

Ion Ratio Lower Upper

112 100

64 59.1 47.0 70.6

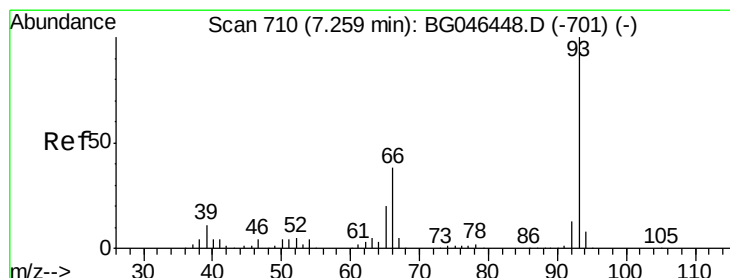
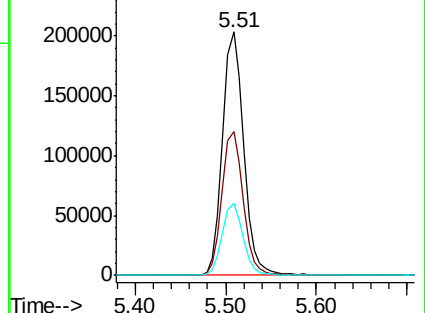
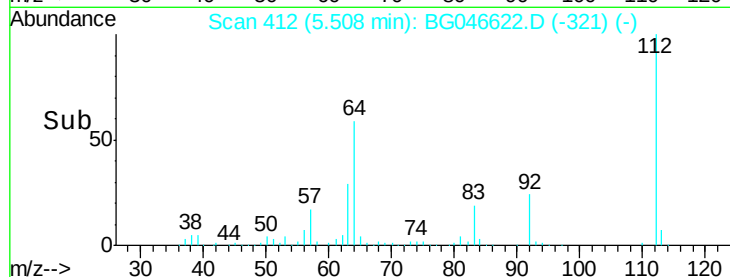
63 29.4 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.243 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

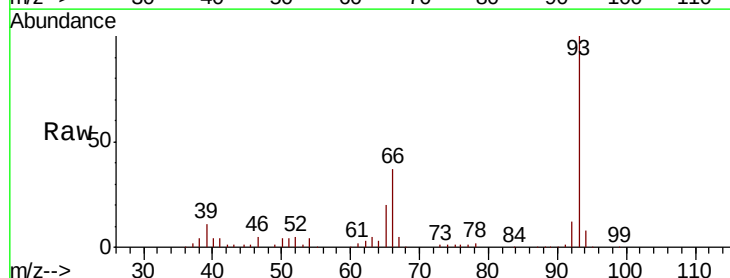
Tgt Ion: 93 Resp: 189742

Ion Ratio Lower Upper

93 100

66 36.9 30.4 45.6

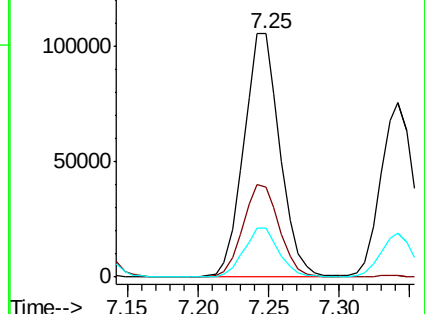
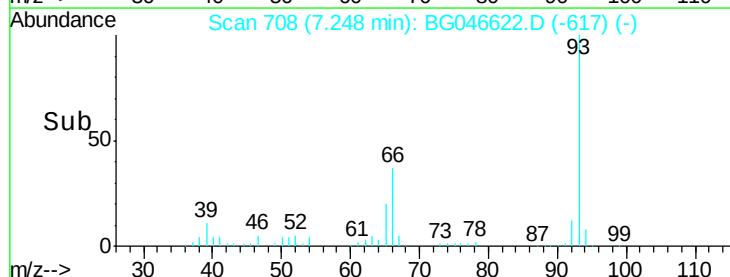
65 20.1 15.8 23.6

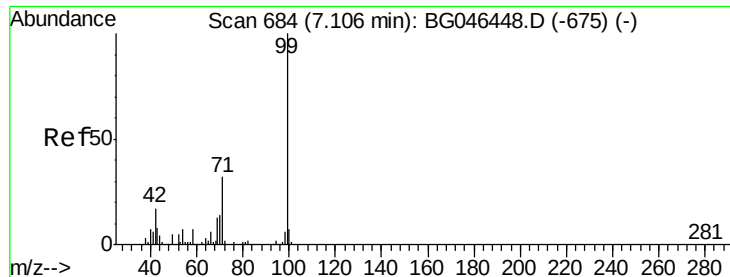


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.918 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

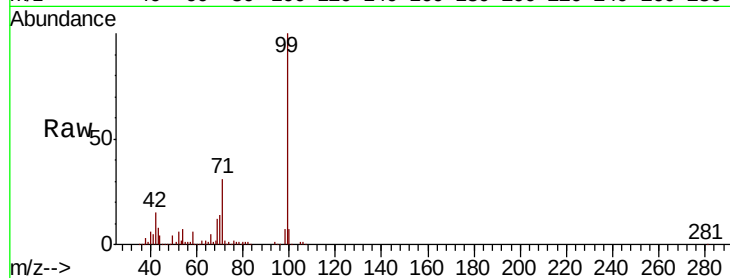
Tot Ion: 99 Resp: 464740

Ion Ratio Lower Upper

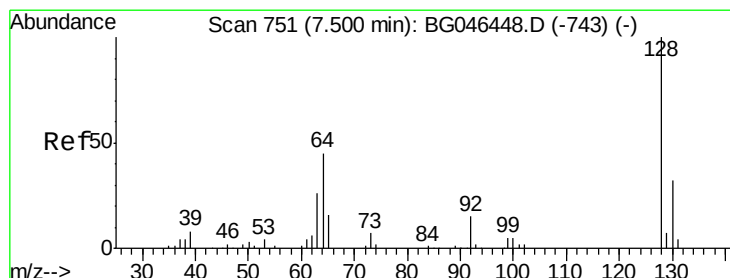
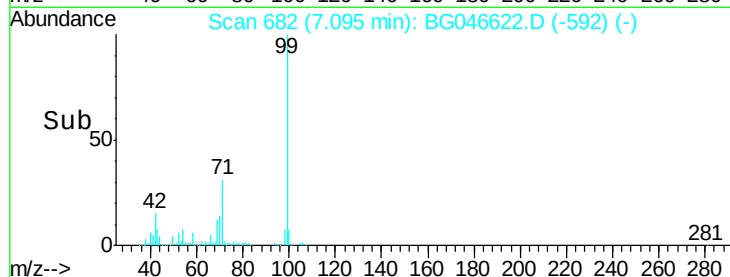
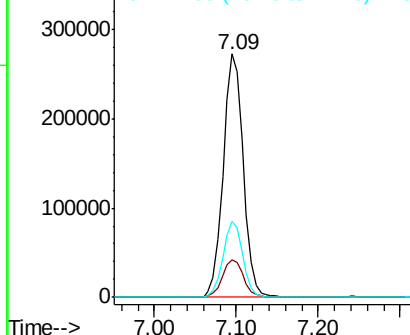
99 100

42 15.4 13.3 19.9

71 31.4 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: 46.438 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

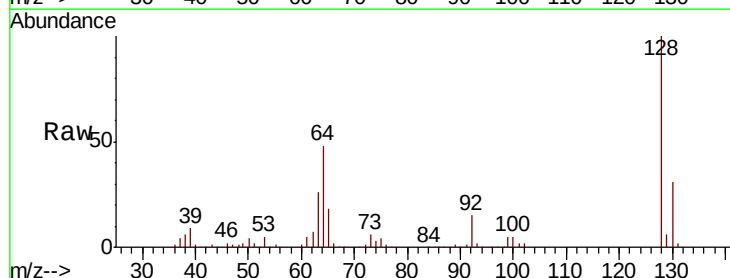
Tgt Ion: 128 Resp: 145065

Ion Ratio Lower Upper

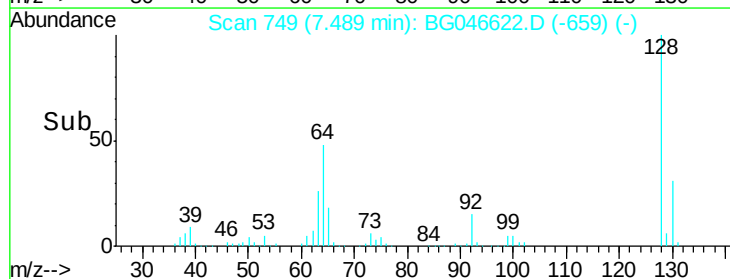
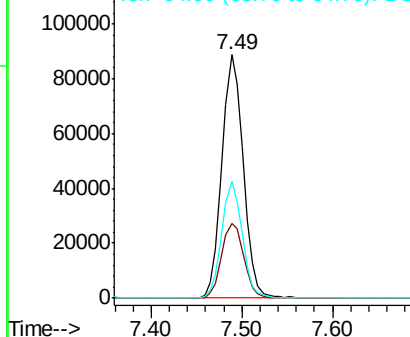
128 100

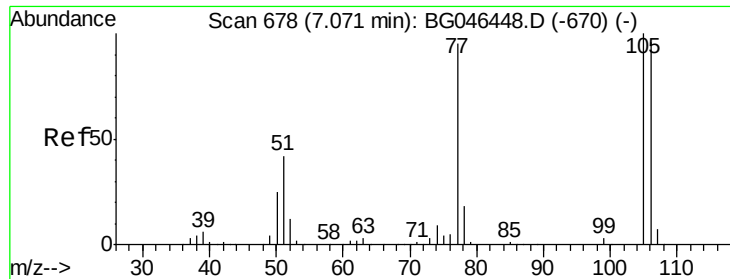
130 30.6 12.4 52.4

64 48.0 28.1 68.1



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

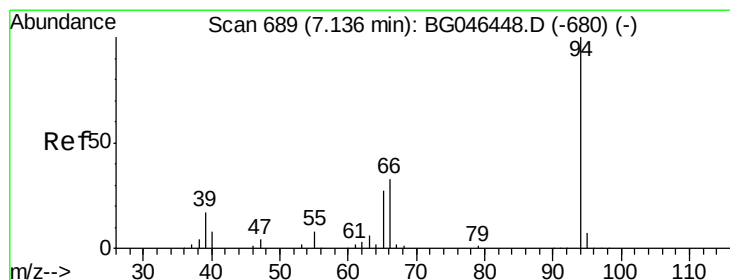
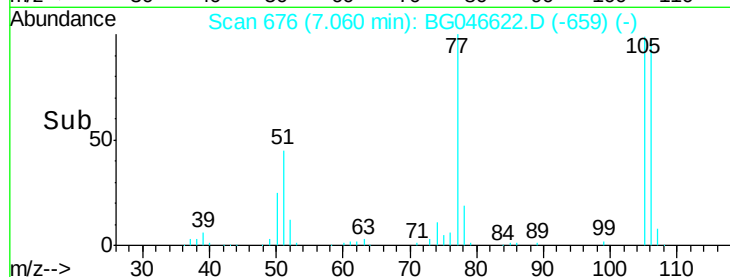
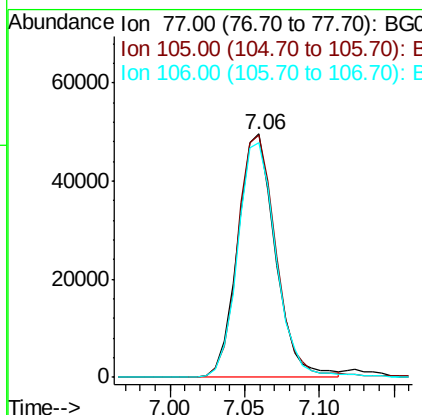
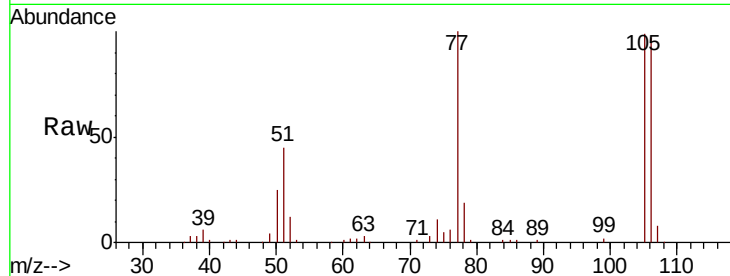




#9
Benzaldehyde
Concen: 36.966 ng
RT: 7.06 min Scan# 676
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

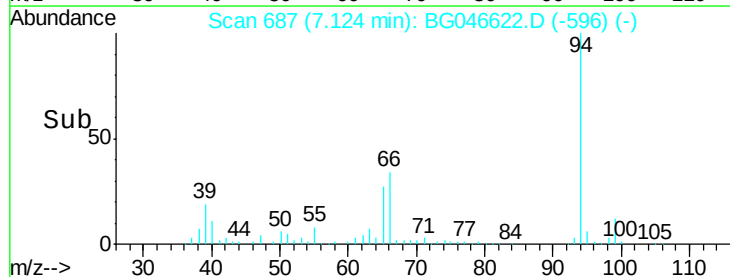
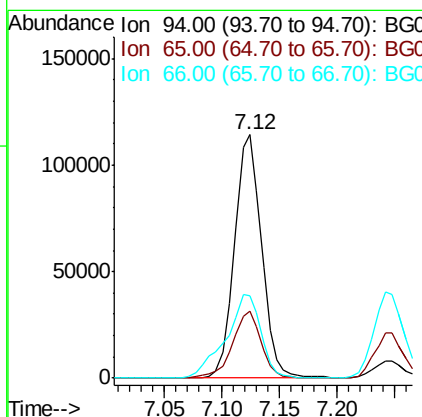
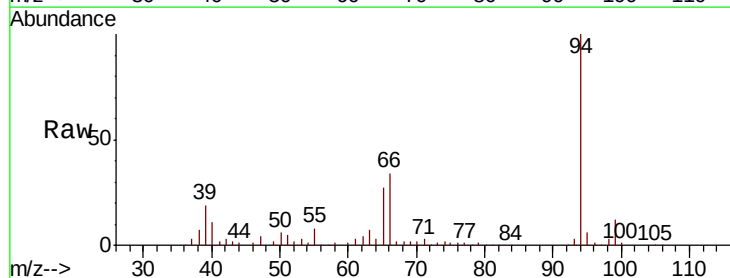
Instrument :
BNA_G
ClientSampleId :
PB131588BSD

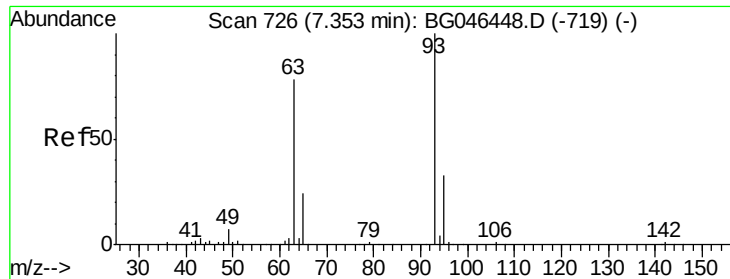
Tot Ion: 77 Resp: 86777
Ion Ratio Lower Upper
77 100
105 99.5 85.6 125.6
106 96.6 80.8 120.8



#10
Phenol
Concen: 48.130 ng
RT: 7.12 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion: 94 Resp: 185742
Ion Ratio Lower Upper
94 100
65 27.4 7.5 47.5
66 33.8 14.1 54.1





#11

bis(2-Chloroethyl)ether

Concen: 40.319 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

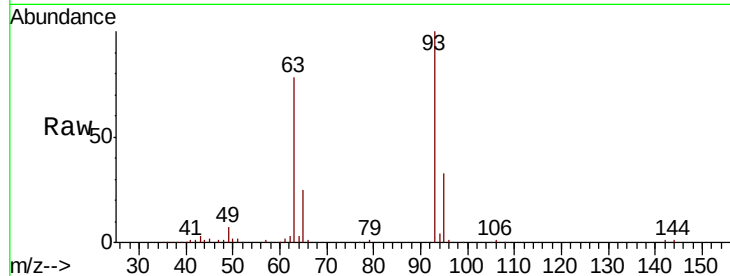
Tot Ion: 93 Resp: 125069

Ion Ratio Lower Upper

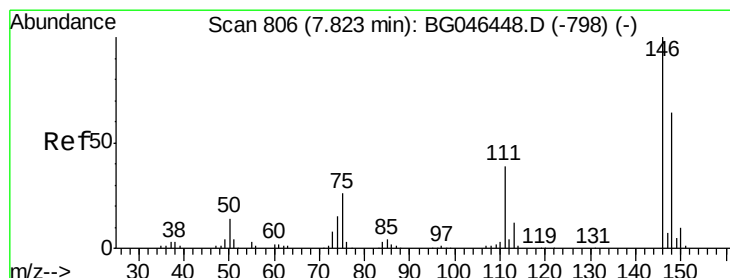
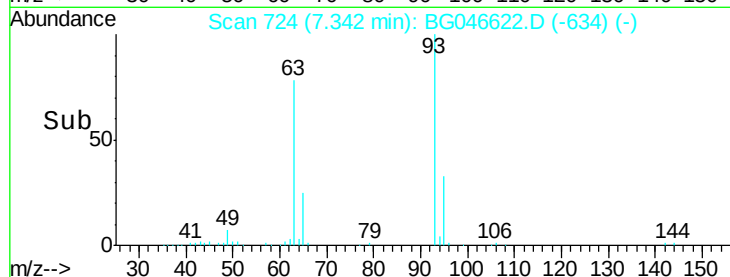
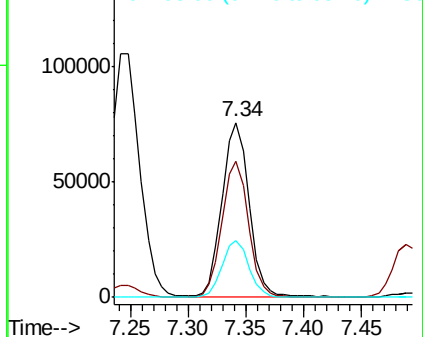
93 100

63 78.0 57.7 97.7

95 32.6 12.3 52.3



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



#12

1,3-Dichlorobenzene

Concen: 36.087 ng

RT: 7.81 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

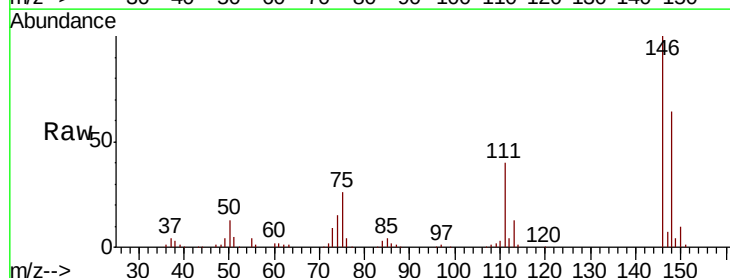
Tgt Ion: 146 Resp: 143126

Ion Ratio Lower Upper

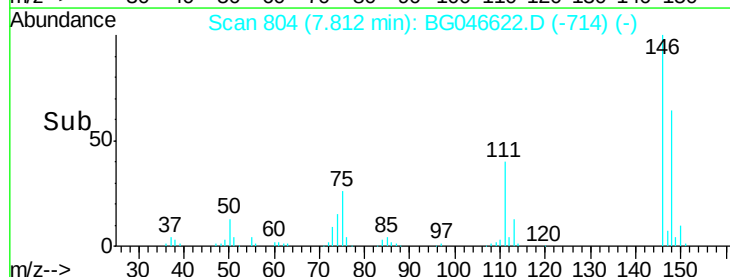
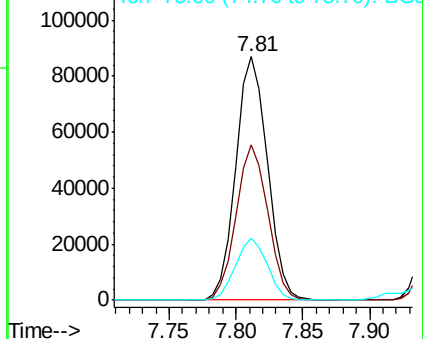
146 100

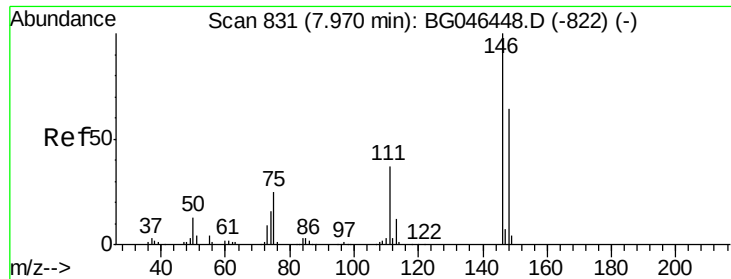
148 64.0 51.4 77.0

75 25.7 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

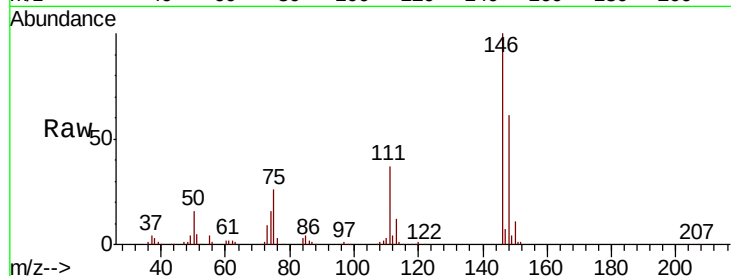




#13
 1,4-Dichlorobenzene
 Concen: 37.149 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.8	50.9	76.3
111	36.8	29.8	44.6

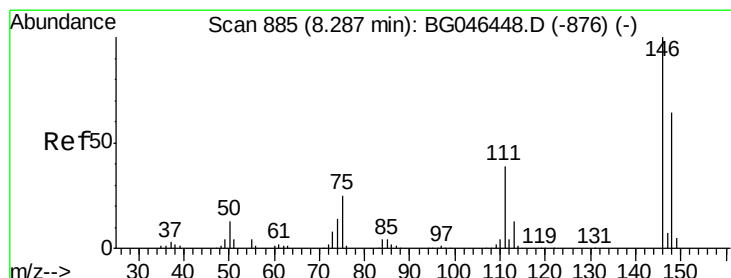
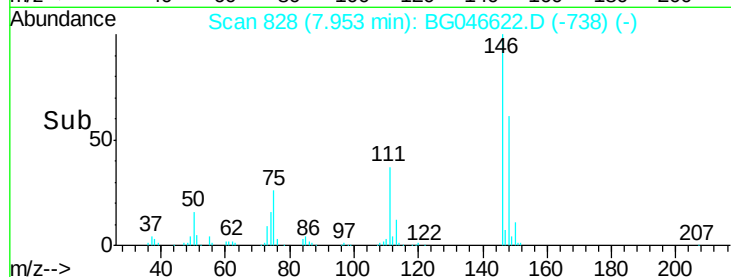
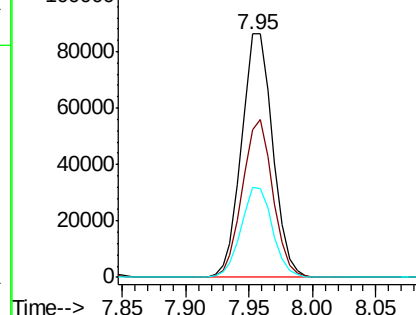


Abundance

Ion 146.00 (145.70 to 146.70): E

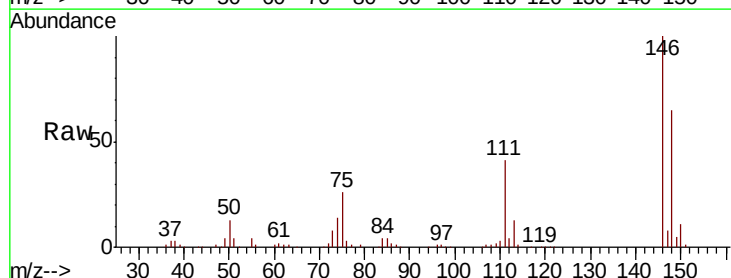
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.608 ng
 RT: 8.28 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.0
111	40.8	31.4	47.2

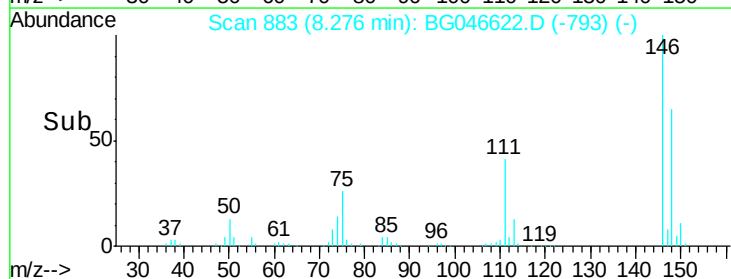
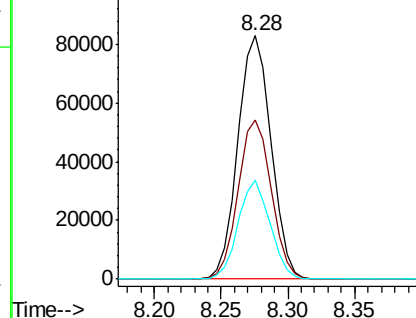


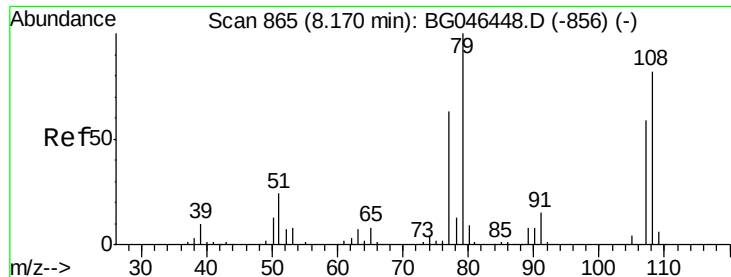
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.451 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

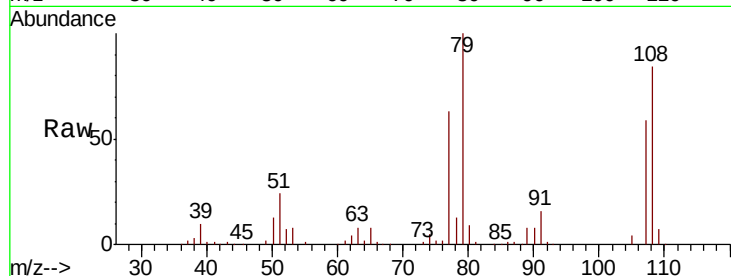
Tot Ion: 79 Resp: 124953

Ion Ratio Lower Upper

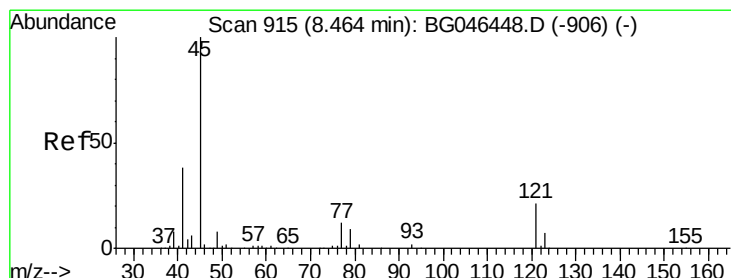
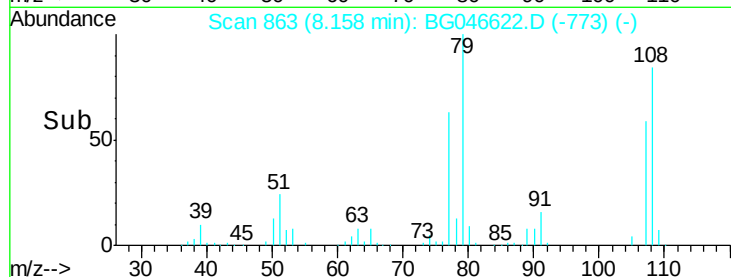
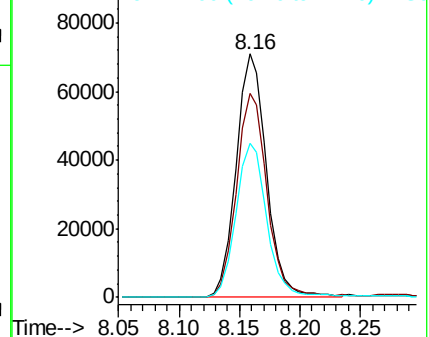
79 100

108 83.8 65.7 98.5

77 63.1 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: 38.140 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

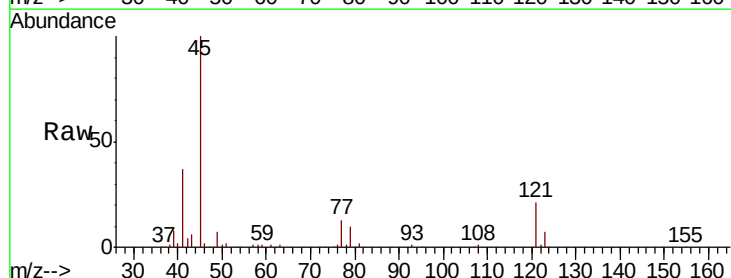
Tgt Ion: 45 Resp: 183512

Ion Ratio Lower Upper

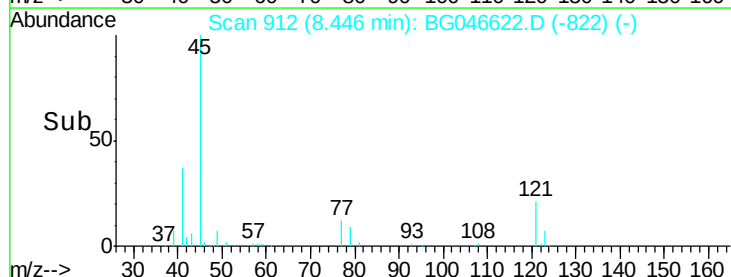
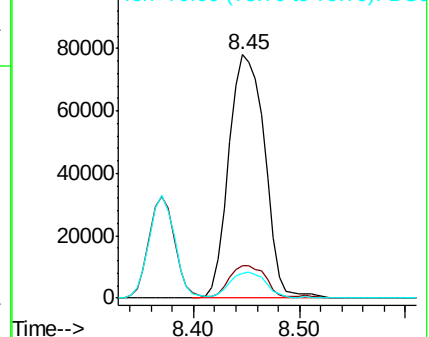
45 100

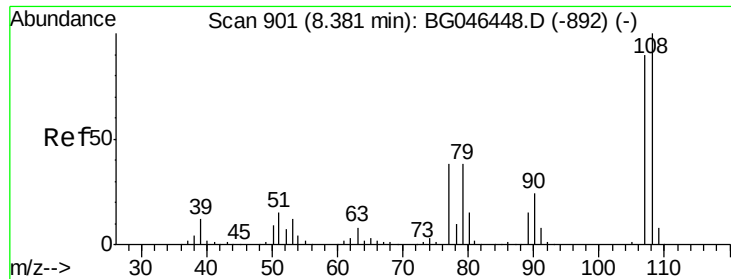
77 13.3 0.0 33.2

79 10.0 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

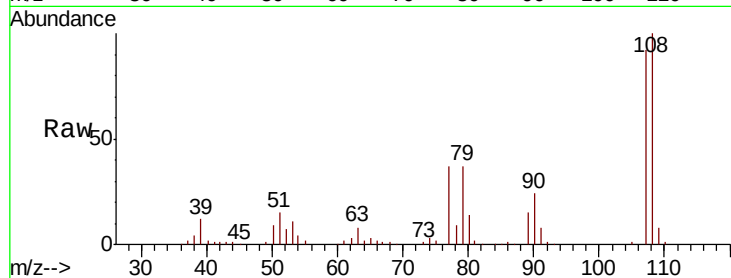




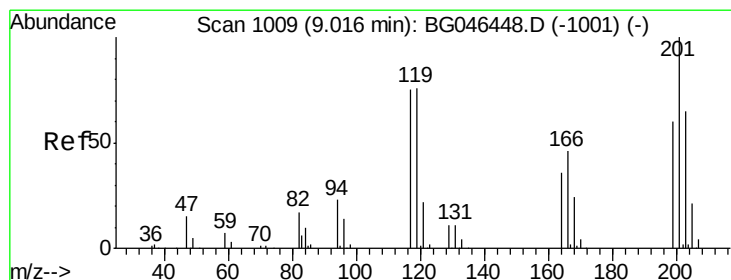
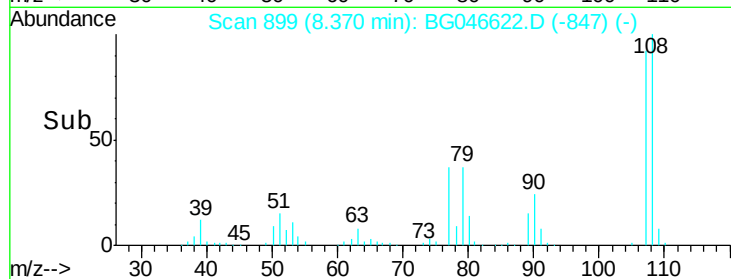
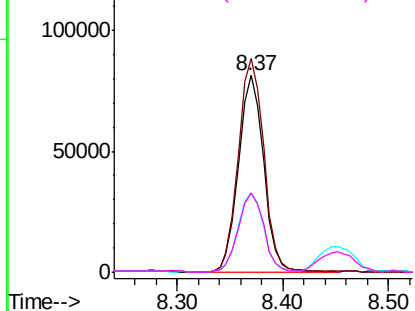
#17
2-Methylphenol
Concen: 48.483 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion:	107	Resp:	132691
Ion	Ratio	Lower	Upper
107	100		
108	108.6	89.4	134.0
77	40.2	34.5	51.7
79	40.7	33.8	50.6

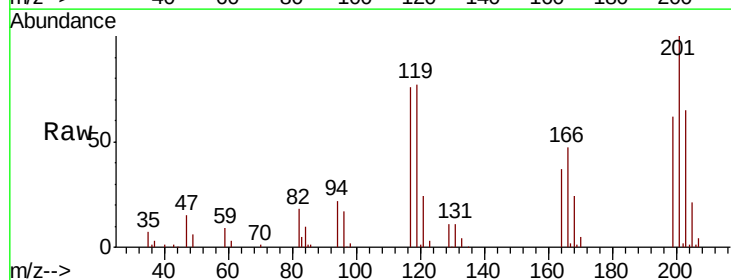


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

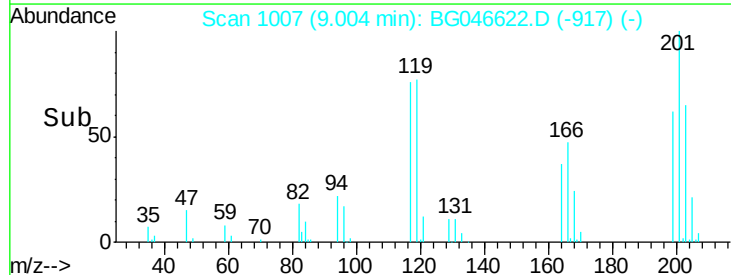
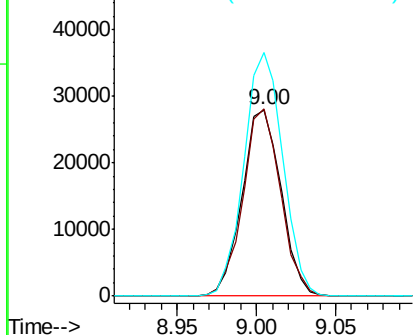


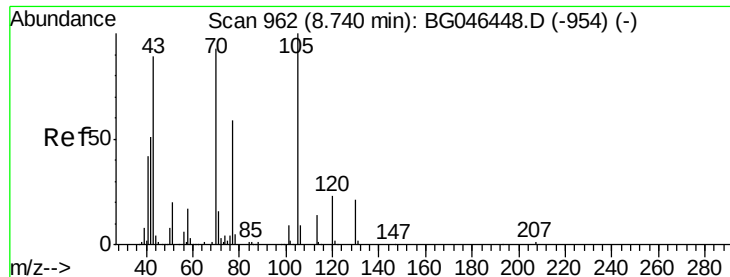
#18
Hexachloroethane
Concen: 35.495 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion:	117	Resp:	47786
Ion	Ratio	Lower	Upper
117	100		
119	100.7	80.8	121.2
201	130.7	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

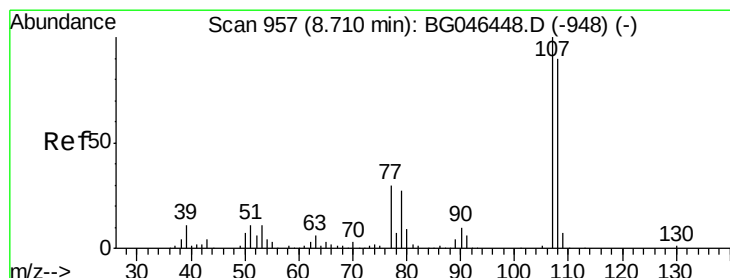
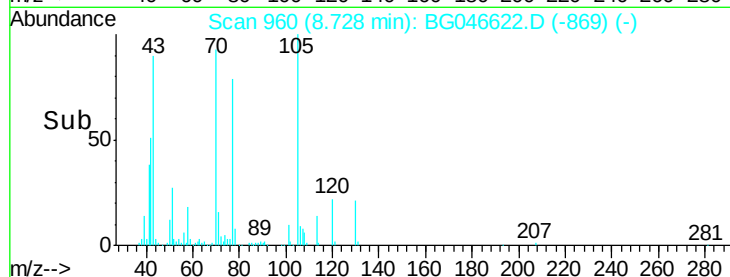
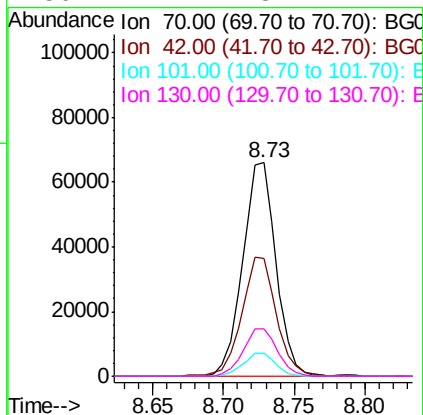
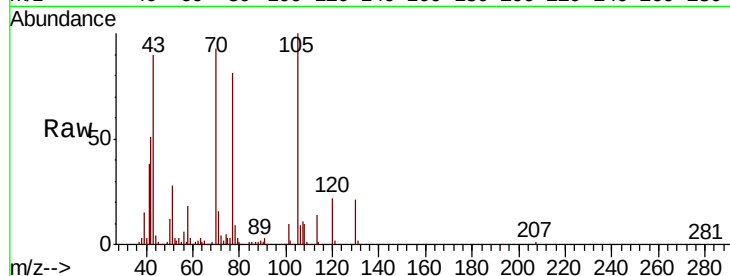




#19
n-Nitroso-di-n-propylamine
Concen: 43.428 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

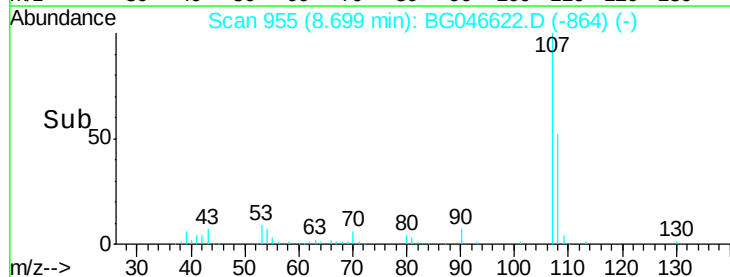
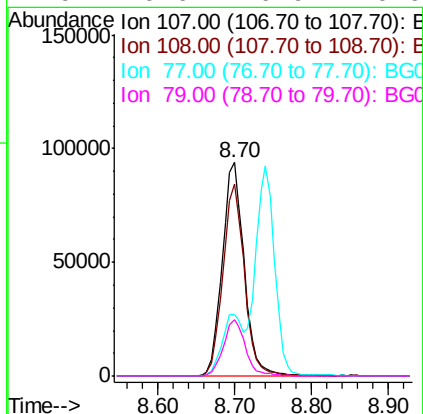
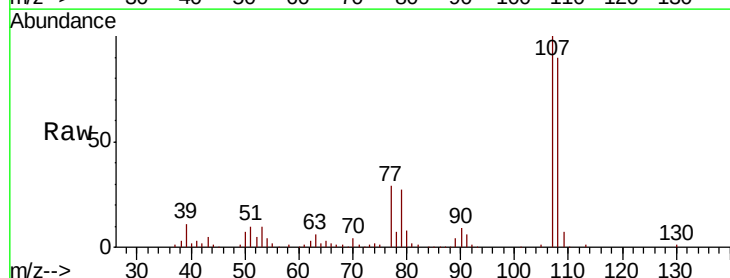
Instrument :
BNA_G
ClientSampleId :
PB131588BSD

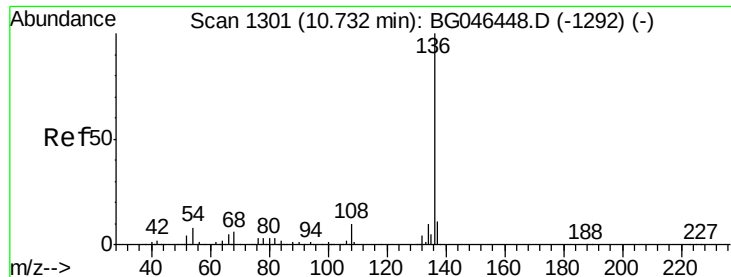
Tot Ion:	70	Resp:	108841
Ion	Ratio	Lower	Upper
70	100		
42	54.9	44.2	66.2
101	10.7	7.8	11.8
130	22.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 49.193 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion:	107	Resp:	185831
Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.7	109.7
77	28.7	9.7	49.7
79	26.6	6.9	46.9

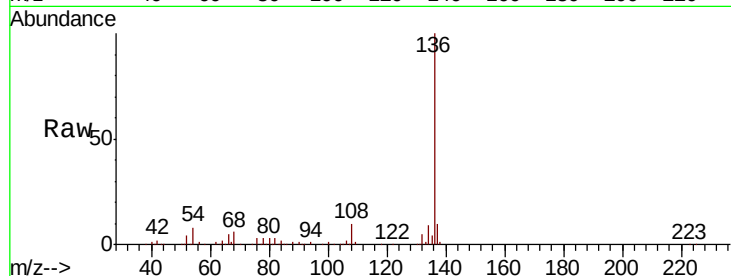




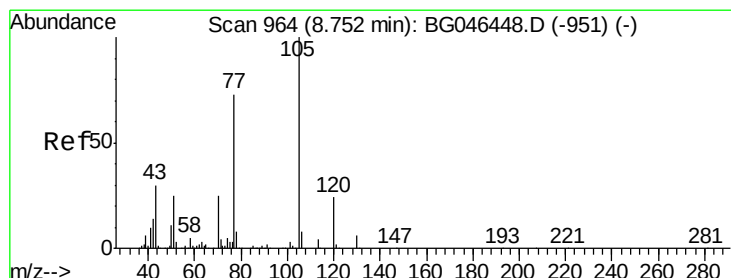
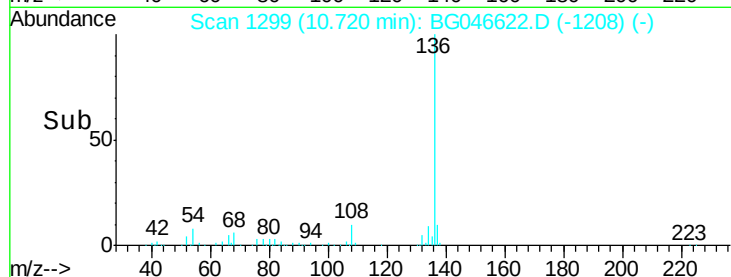
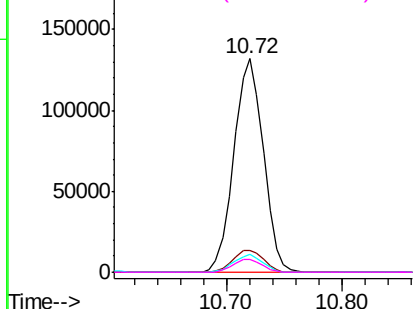
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion:136	Resp:	232896
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.8 13.2
54	8.2	6.1 9.1
68	5.9	4.8 7.2

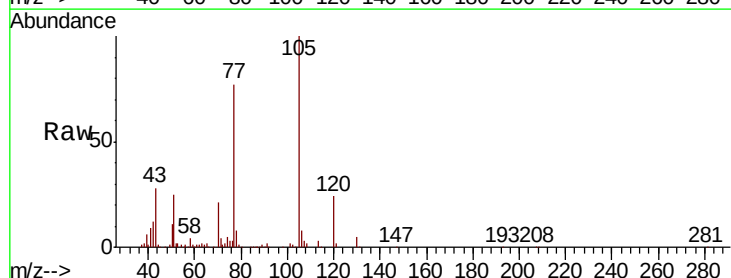


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

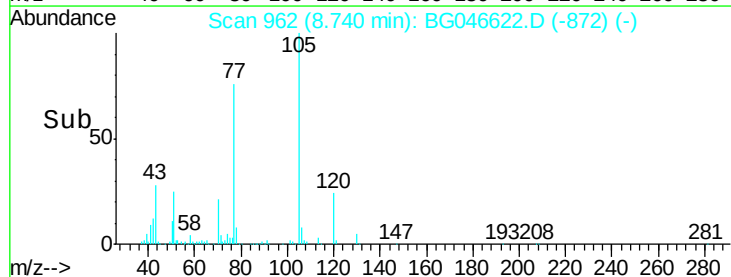
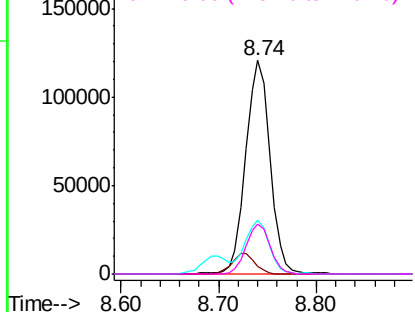


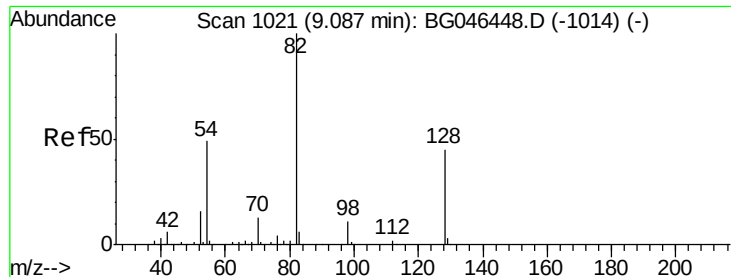
#22
Acetophenone
Concen: 37.397 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion:105	Resp:	212010
Ion	Ratio	Lower Upper
105	100	
71	3.9	3.3 4.9
51	24.9	20.6 31.0
120	23.6	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

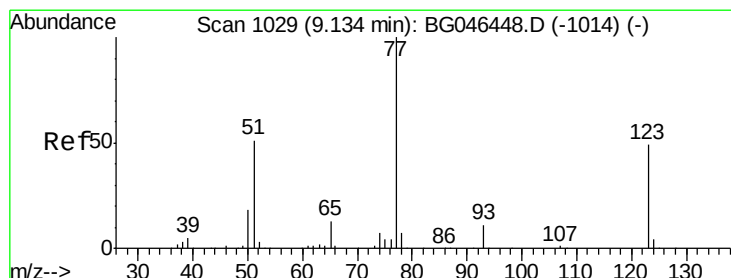
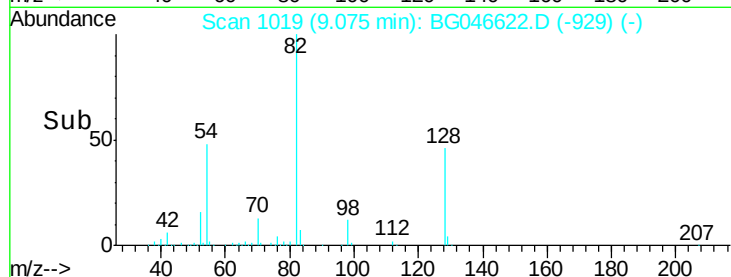
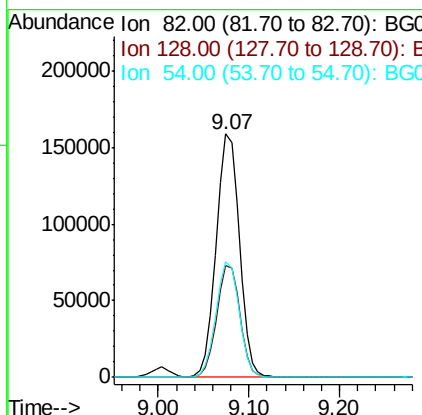
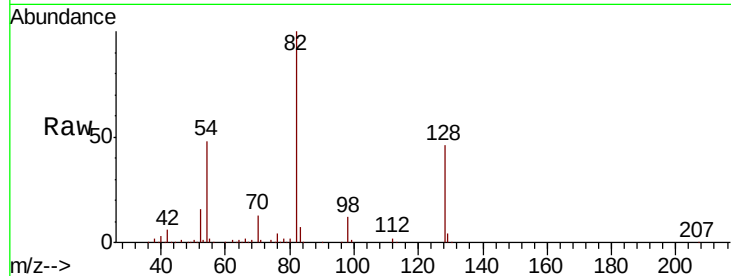




#23
 Nitrobenzene-d5
 Concen: 69.523 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

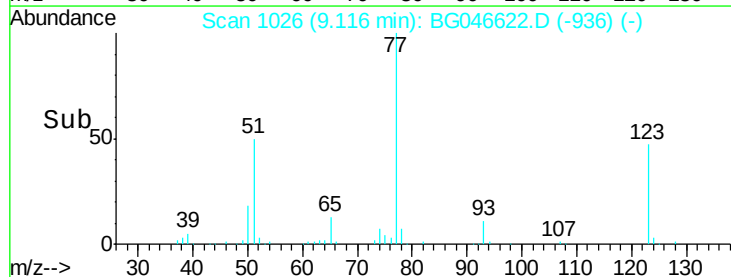
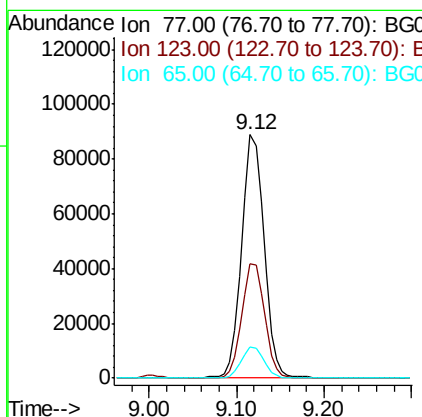
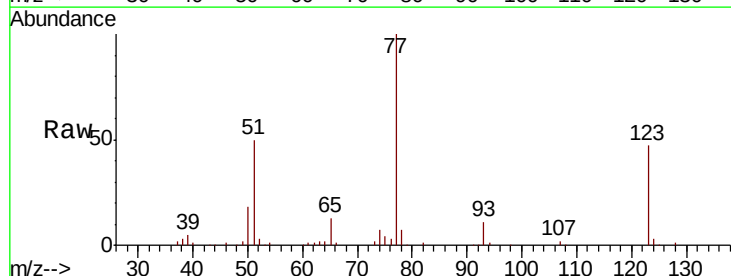
Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

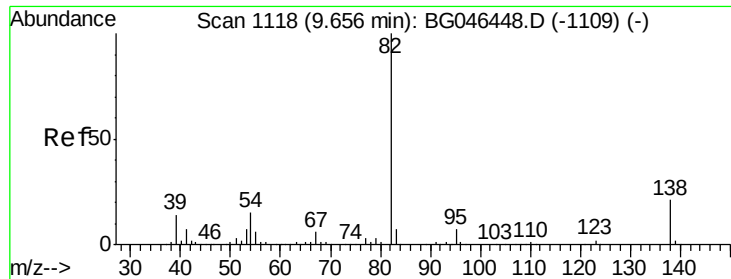
Tot Ion: 82 Resp: 283291
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.7 53.5
 54 47.7 39.4 59.0



#24
 Nitrobenzene
 Concen: 38.221 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion: 77 Resp: 153866
 Ion Ratio Lower Upper
 77 100
 123 47.1 39.6 59.4
 65 12.7 10.1 15.1





#25

Isophorone

Concen: 42.867 ng

RT: 9.64 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

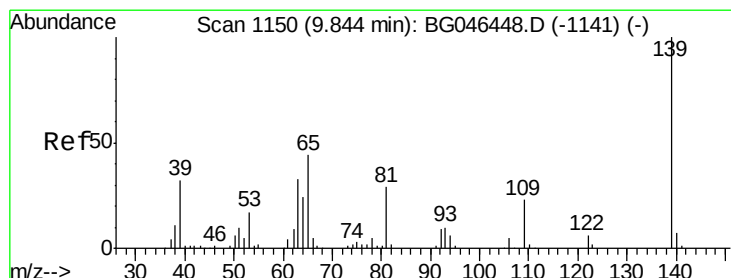
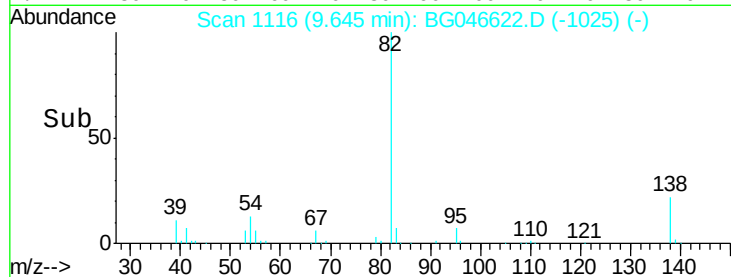
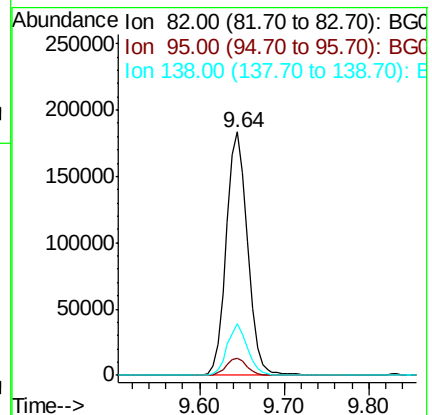
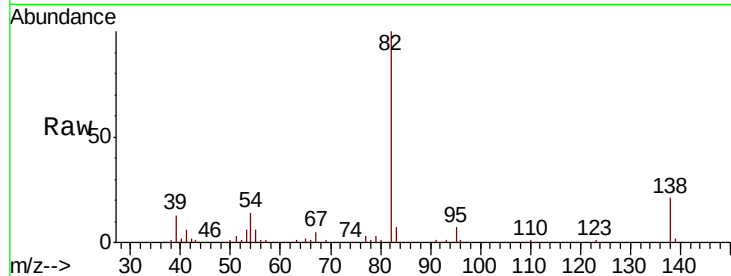
Tot Ion: 82 Resp: 320244

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 21.1 16.4 24.6



#26

2-Nitrophenol

Concen: 40.573 ng

RT: 9.83 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

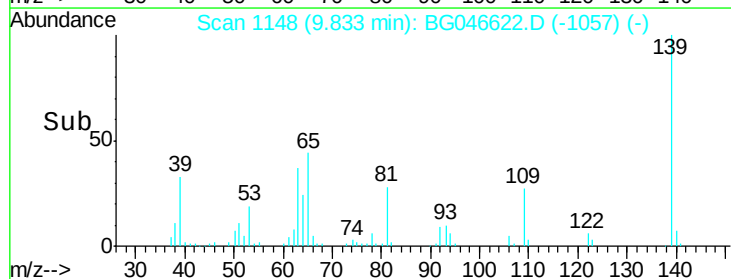
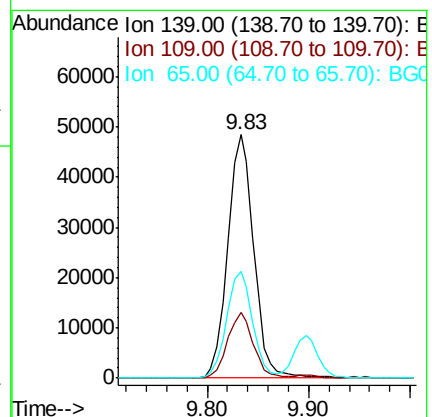
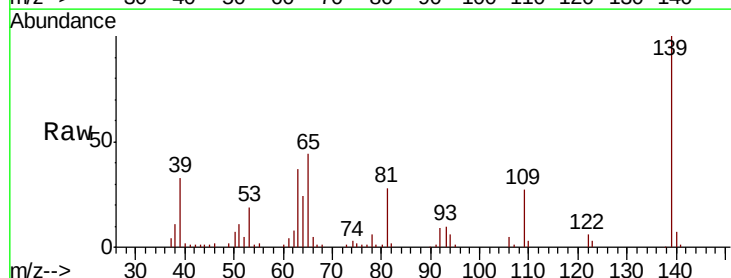
Tgt Ion: 139 Resp: 86175

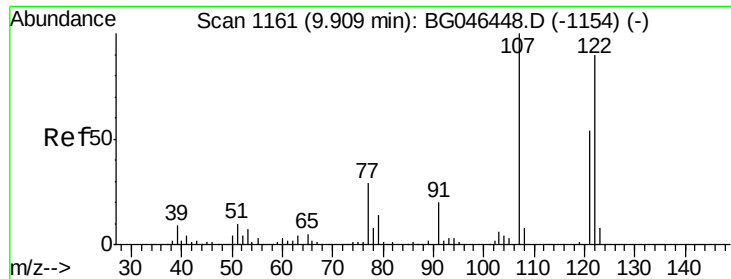
Ion Ratio Lower Upper

139 100

109 27.1 18.8 28.2

65 43.9 35.0 52.6

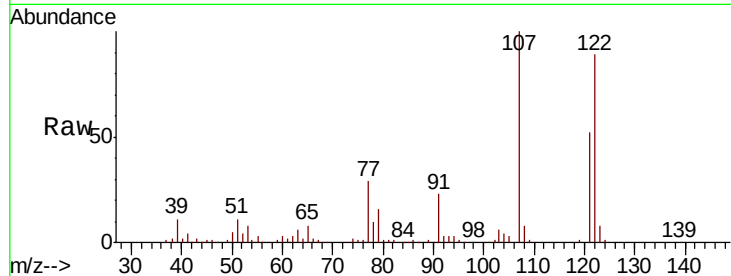




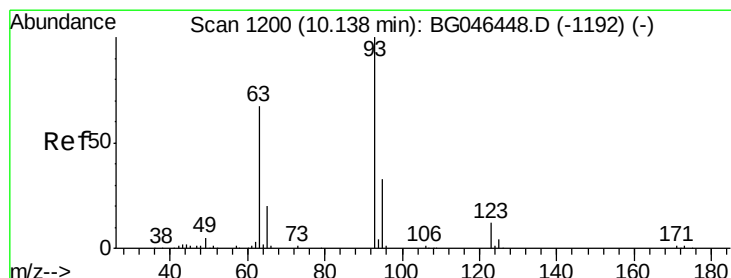
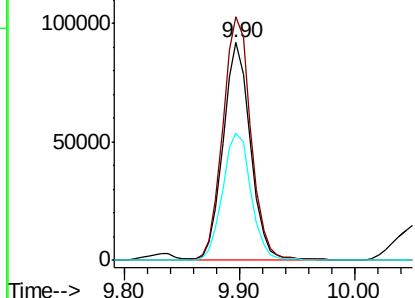
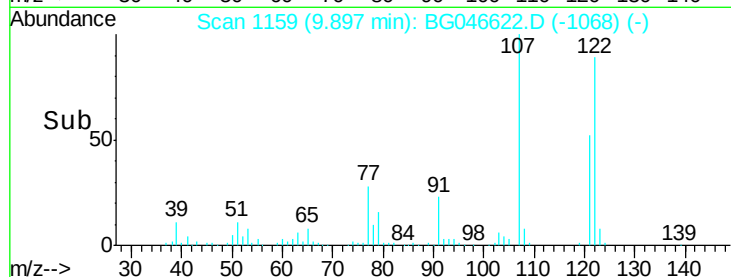
#27
2,4-Dimethylphenol
Concen: 51.334 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	88.2	132.2
121	58.6	47.4	71.0

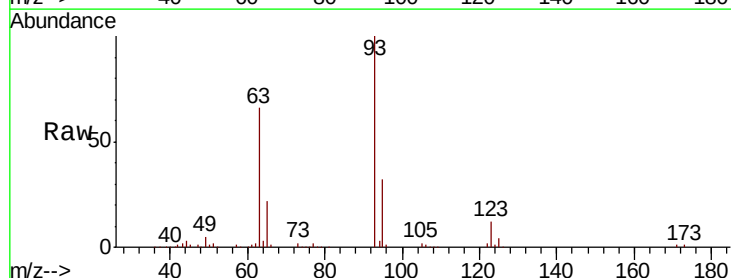


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

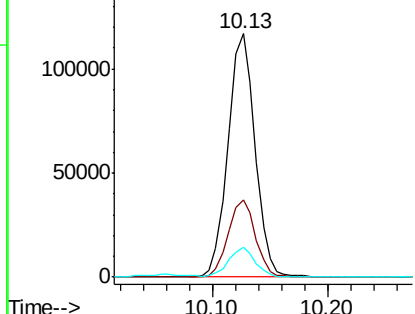
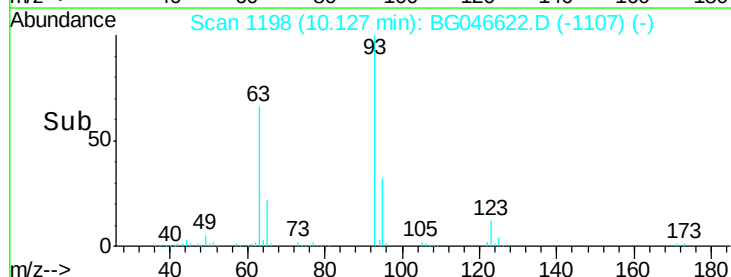


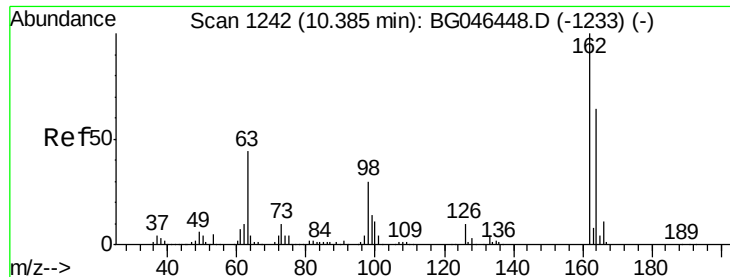
#28
bis(2-Chloroethoxy)methane
Concen: 39.605 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.1	39.1
123	12.4	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

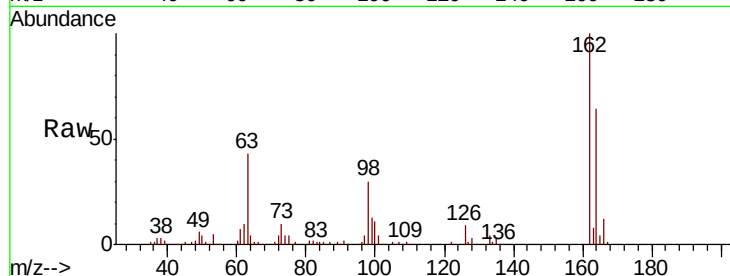




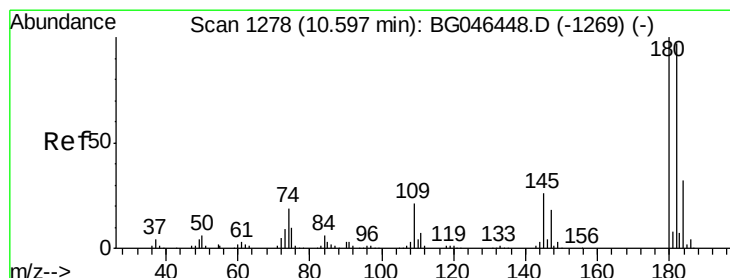
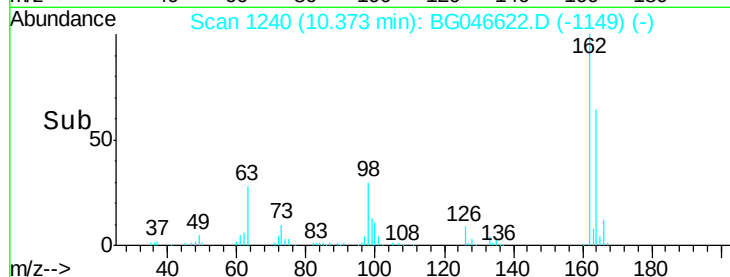
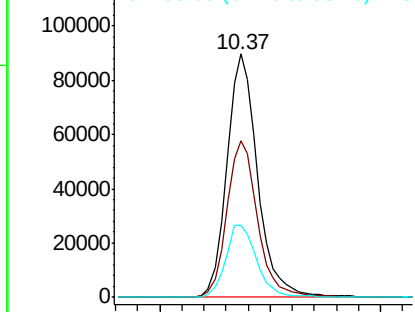
#29
 2,4-Dichlorophenol
 Concen: 44.732 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.3	84.3
98	29.8	10.0	50.0

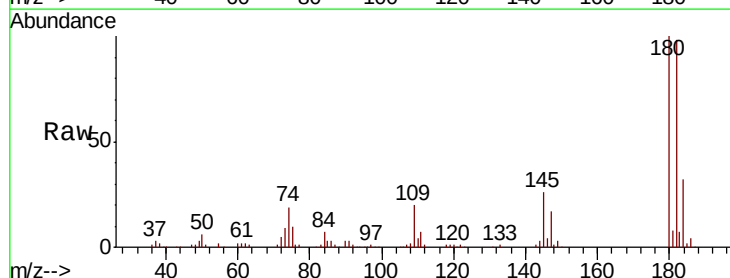


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

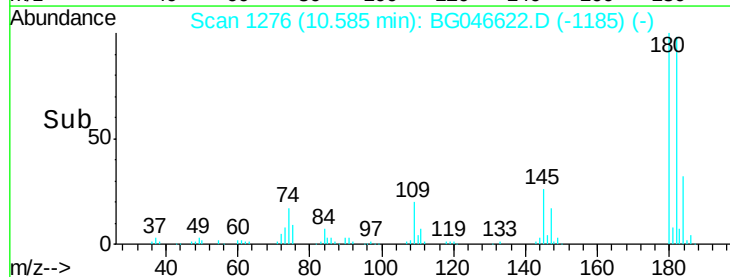
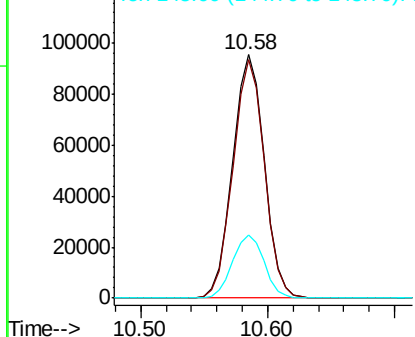


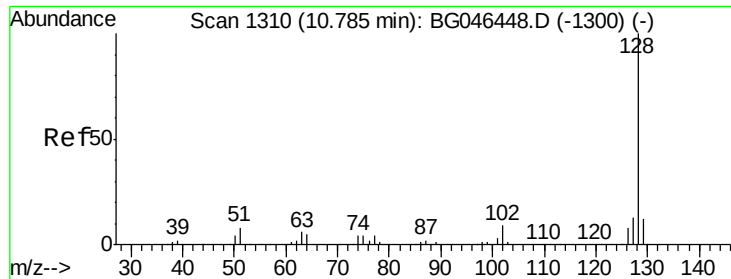
#30
 1,2,4-Trichlorobenzene
 Concen: 35.654 ng
 RT: 10.58 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.8	116.8
145	26.2	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

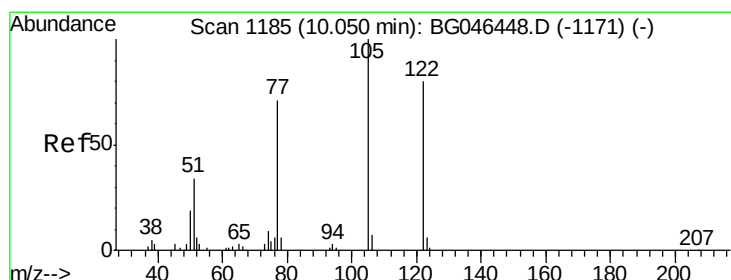
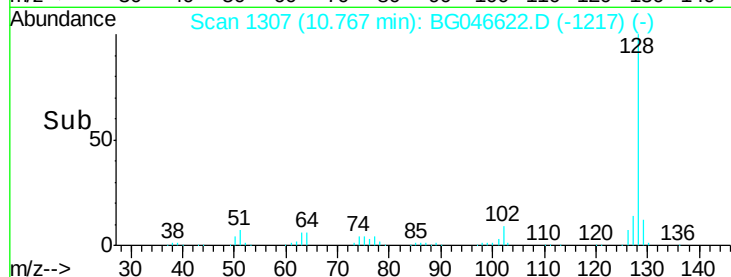
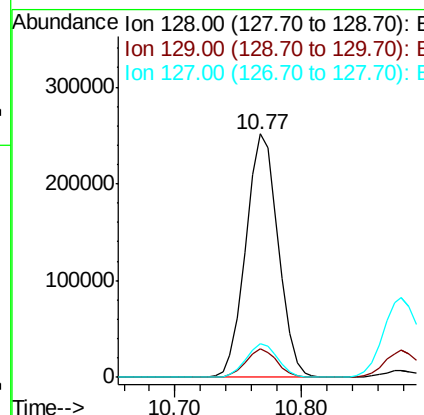
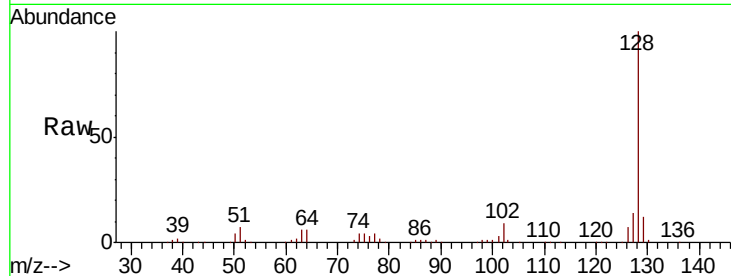




#31
Naphthalene
Concen: 39.166 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

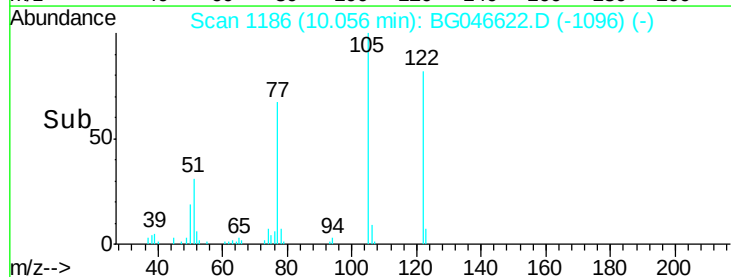
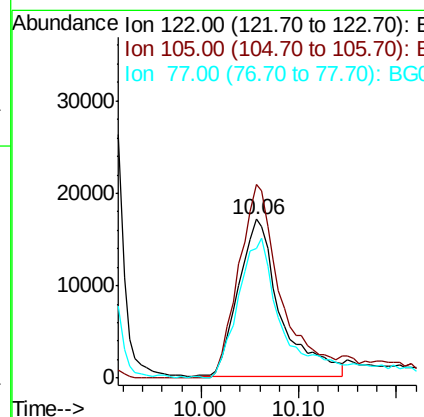
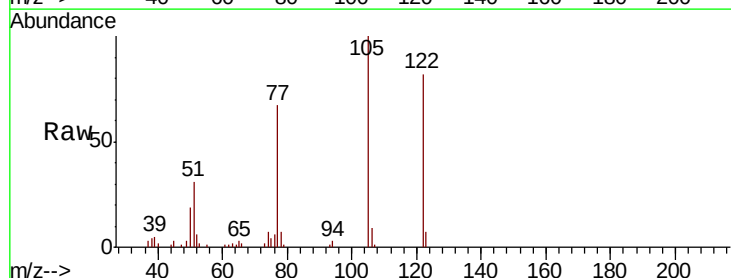
Instrument :
BNA_G
ClientSampleId :
PB131588BSD

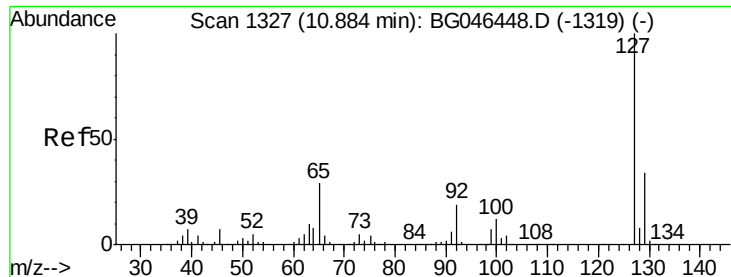
Tot Ion:128 Resp: 445379
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.9 10.7 16.1



#32
Benzoic acid
Concen: 28.339 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion:122 Resp: 50913
Ion Ratio Lower Upper
122 100
105 122.0 102.5 142.5
77 81.6 68.2 108.2

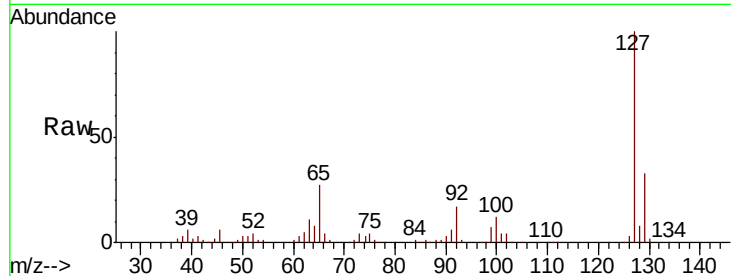




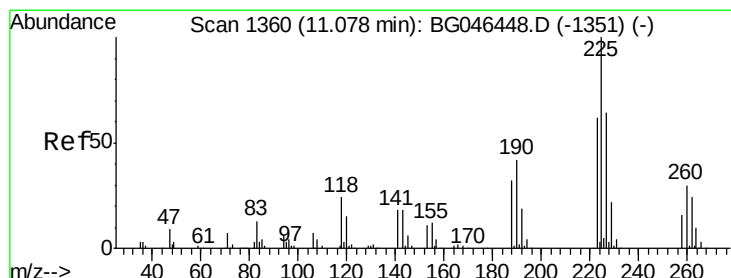
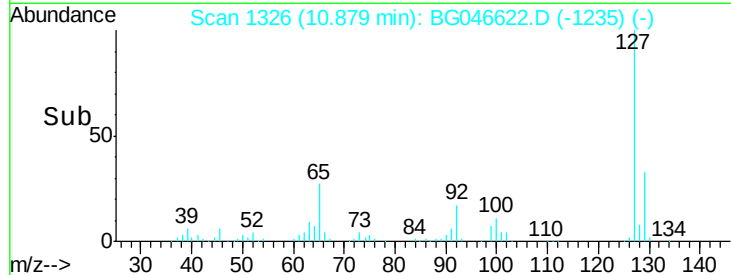
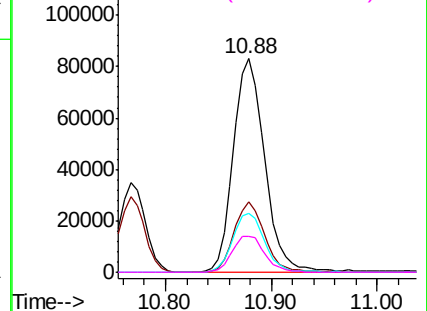
#33
4-Chloroaniline
Concen: 34.116 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion:	127	Resp:	171067
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.0	40.4
65	27.4	23.5	35.3
92	17.1	14.9	22.3

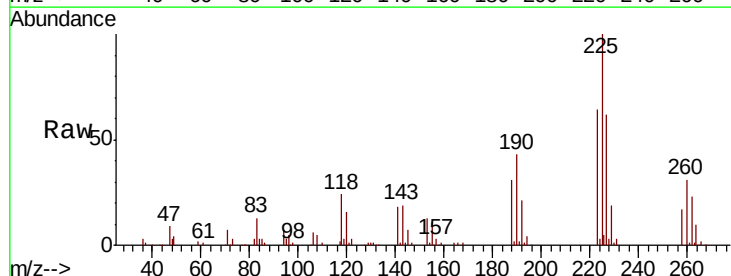


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

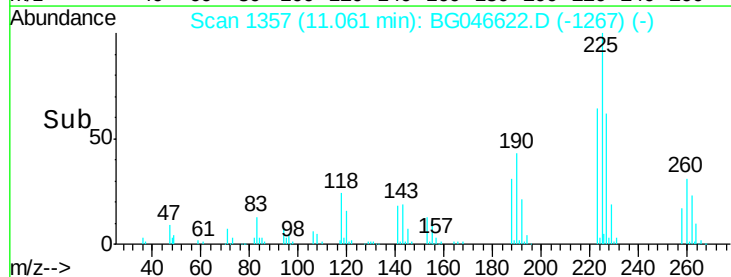
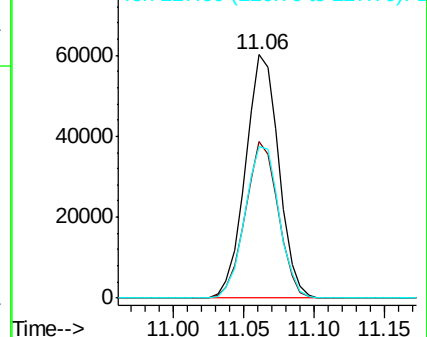


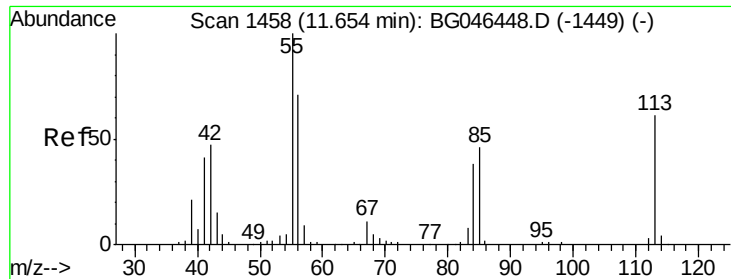
#34
Hexachlorobutadiene
Concen: 33.265 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion:	225	Resp:	99778
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.9	74.9
227	62.1	51.6	77.4



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





#35

Caprolactam

Concen: 23.611 ng

RT: 11.65 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

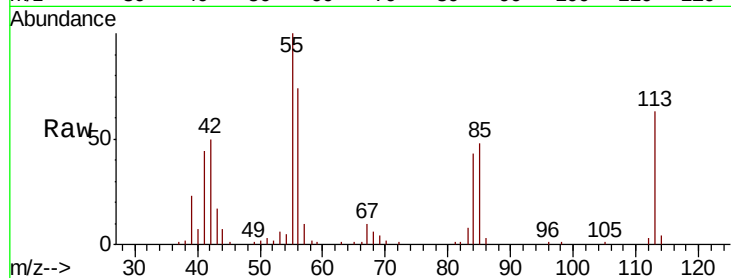
Tot Ion:113 Resp: 34371

Ion Ratio Lower Upper

113 100

55 157.6 144.2 184.2

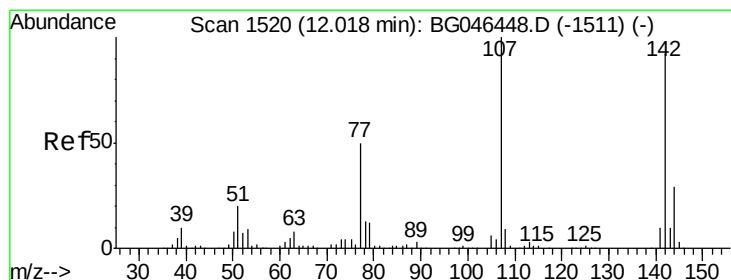
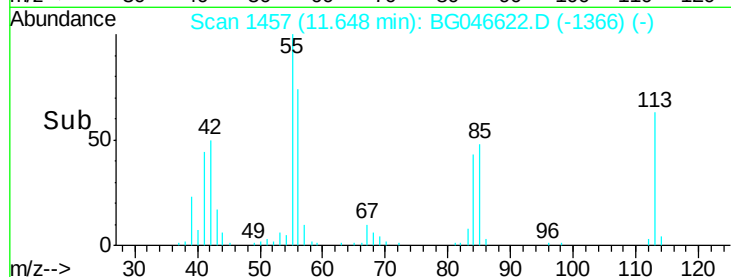
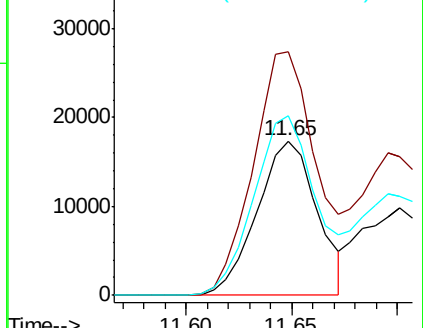
56 116.3 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.563 ng

RT: 12.01 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

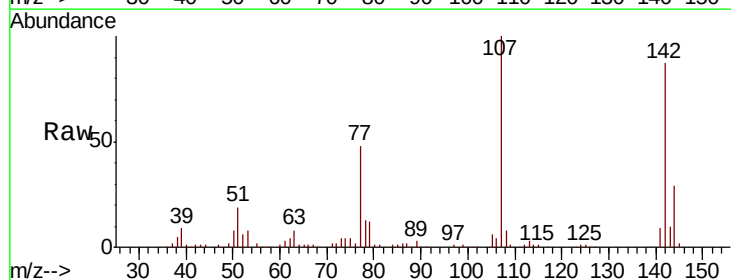
Tgt Ion:107 Resp: 184970

Ion Ratio Lower Upper

107 100

144 29.0 23.3 34.9

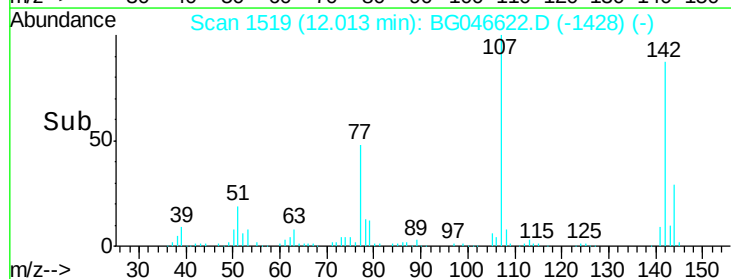
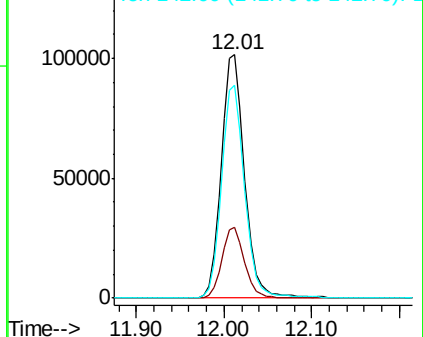
142 87.2 73.7 110.5

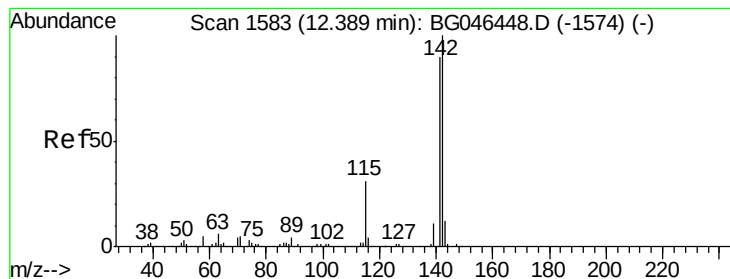


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.443 ng

RT: 12.38 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

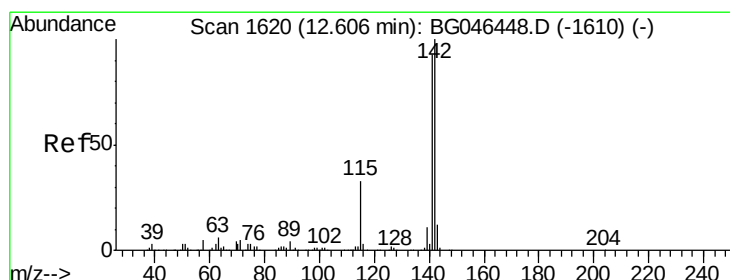
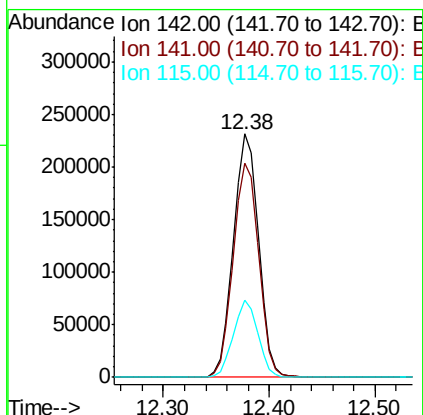
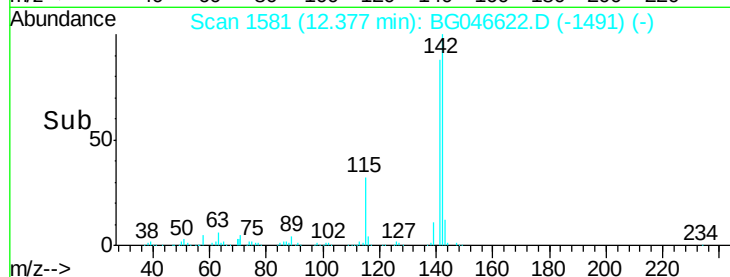
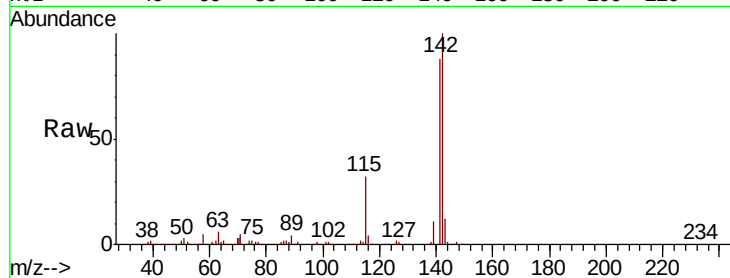
Tot Ion:142 Resp: 380643

Ion Ratio Lower Upper

142 100

141 88.0 72.1 108.1

115 31.6 24.9 37.3



#38

1-Methylnaphthalene

Concen: 42.483 ng

RT: 12.59 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

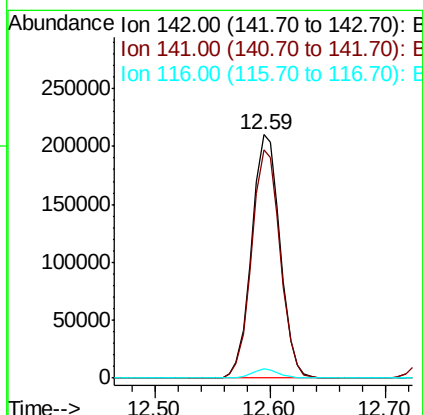
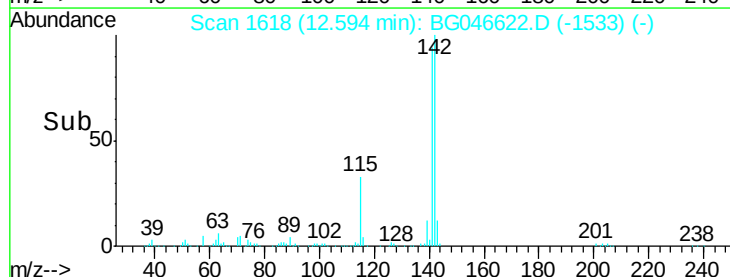
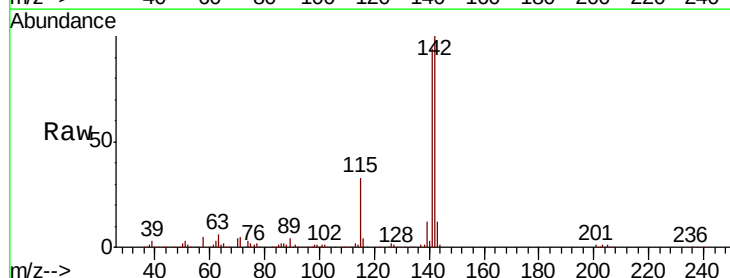
Tgt Ion:142 Resp: 360900

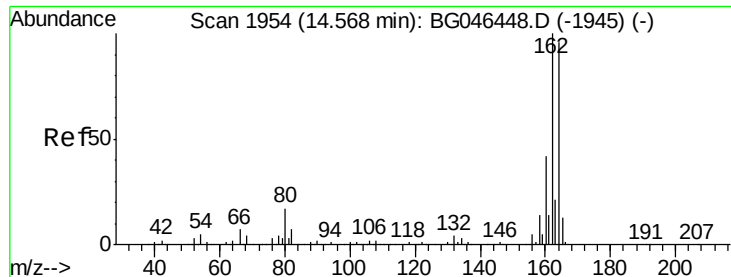
Ion Ratio Lower Upper

142 100

141 93.7 74.7 112.1

116 3.6 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

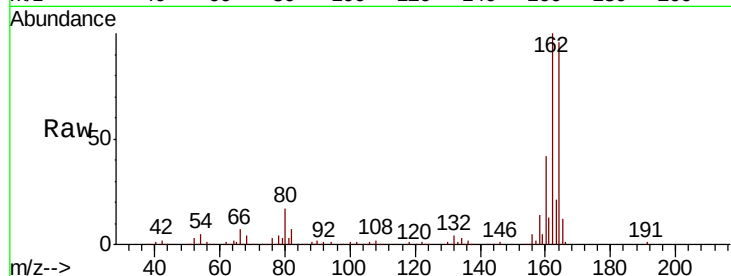
Tot Ion:164 Resp: 187732

Ion Ratio Lower Upper

164 100

162 103.7 83.3 124.9

160 44.0 35.0 52.6

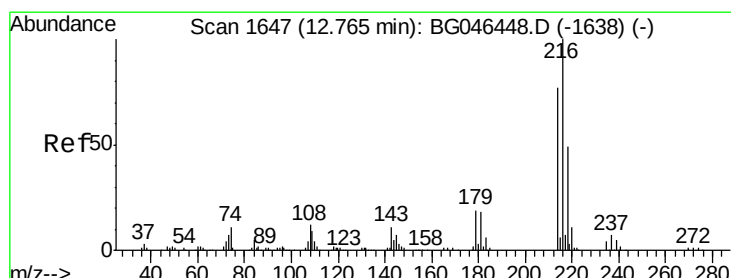
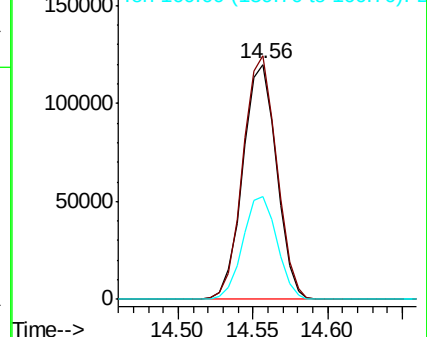
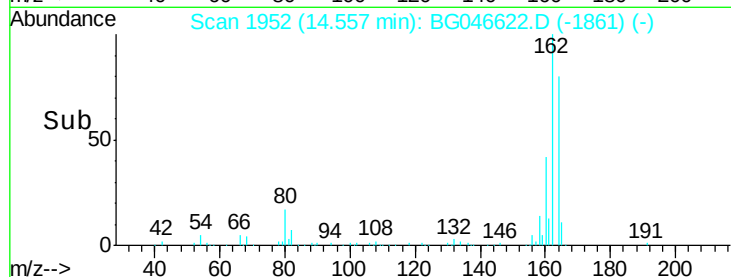


Abundance

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: 35.903 ng

RT: 12.75 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion:216 Resp: 222268

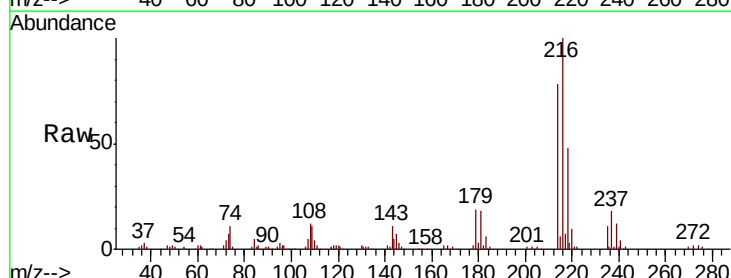
Ion Ratio Lower Upper

216 100

214 78.4 62.1 93.1

179 18.6 14.9 22.3

108 14.4 10.5 15.7



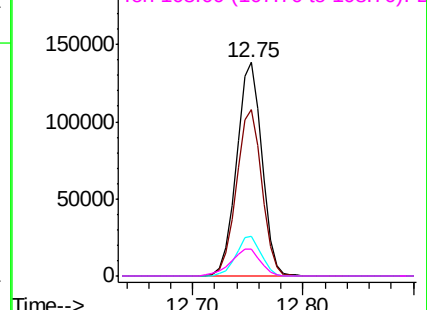
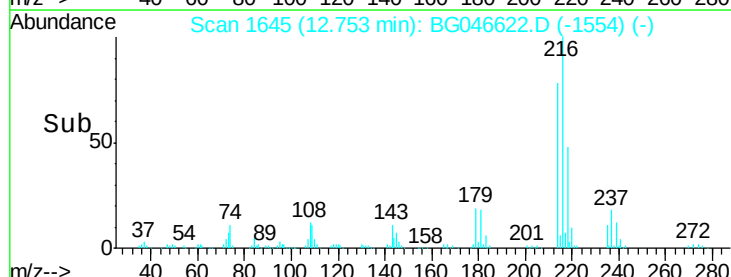
Abundance

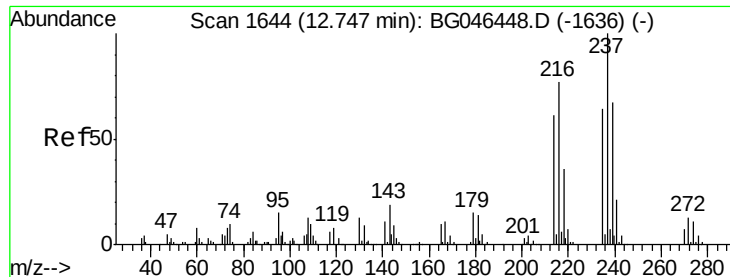
Ion 216.00 (215.70 to 216.70): E

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

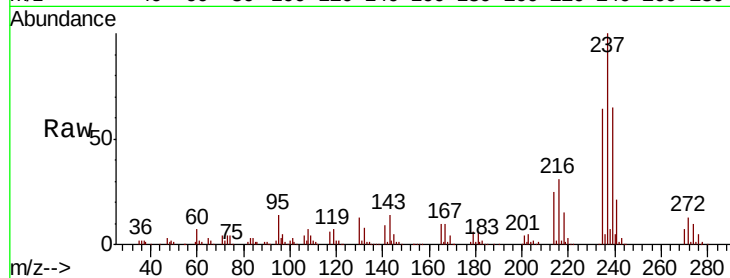




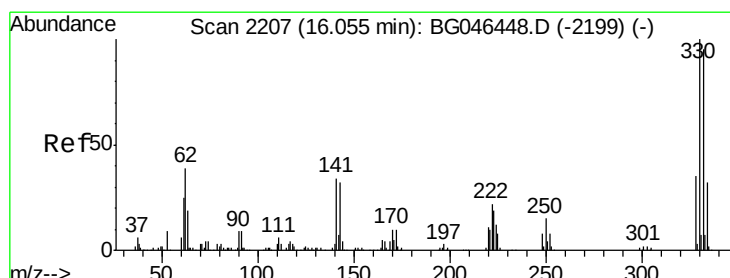
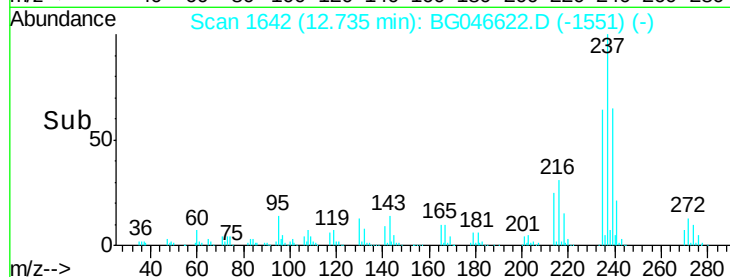
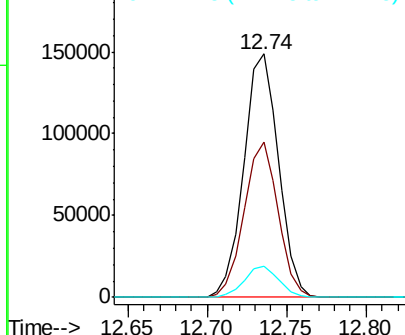
#41
Hexachlorocyclopentadiene
Concen: 84.144 ng
RT: 12.74 min Scan# 1642
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.7	44.5	84.5
272	13.0	0.0	32.8

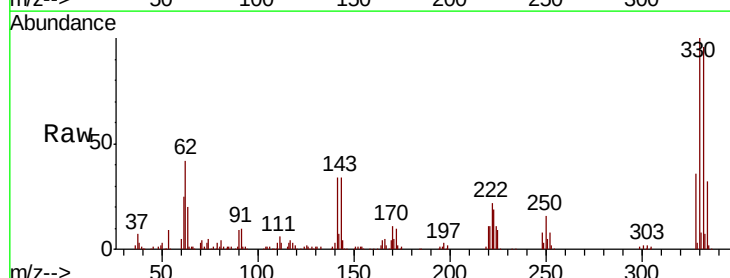


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

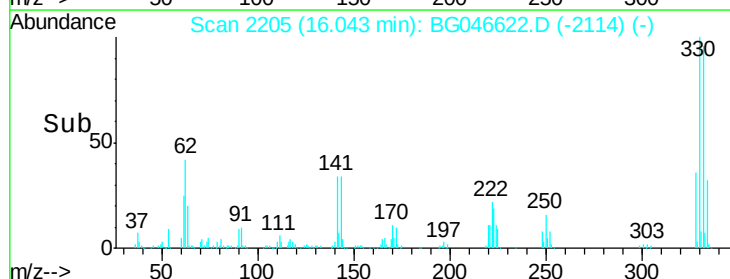
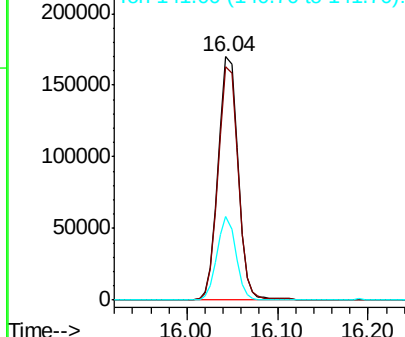


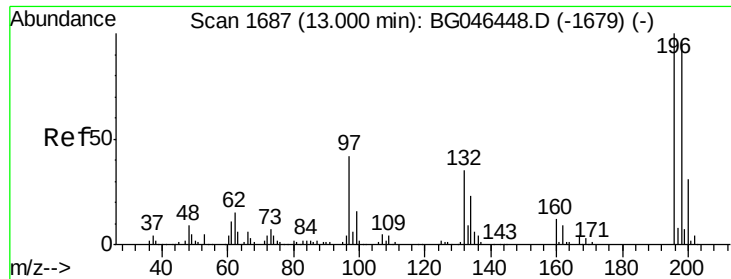
#42
2,4,6-Tribromophenol
Concen: 102.035 ng
RT: 16.04 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	32.5	26.1	39.1



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

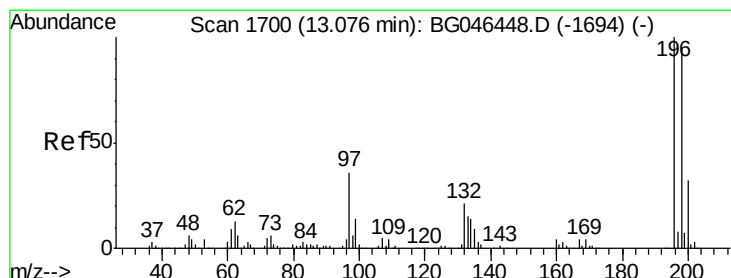
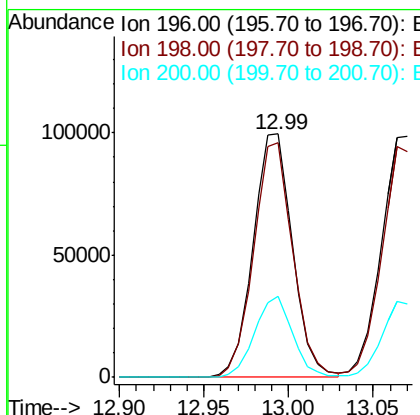
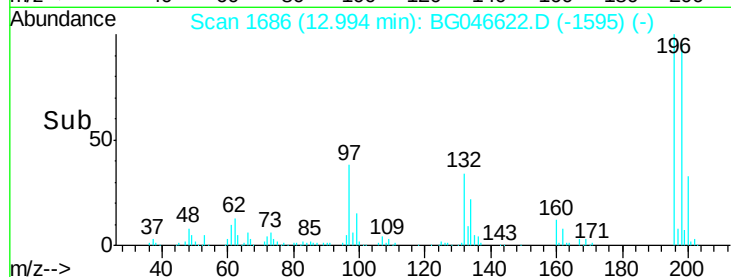
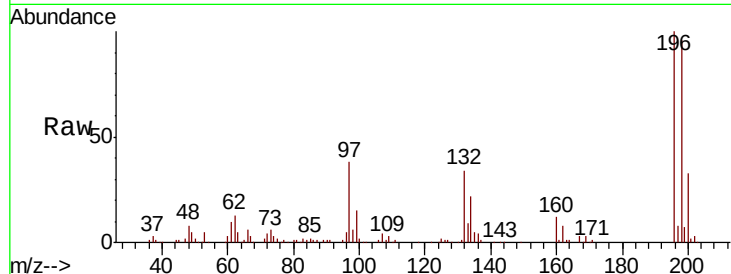




#43
 2,4,6-Trichlorophenol
 Concen: 38.522 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

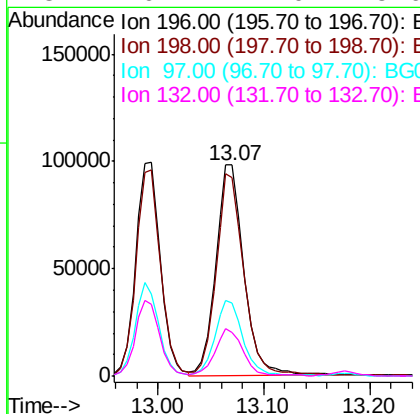
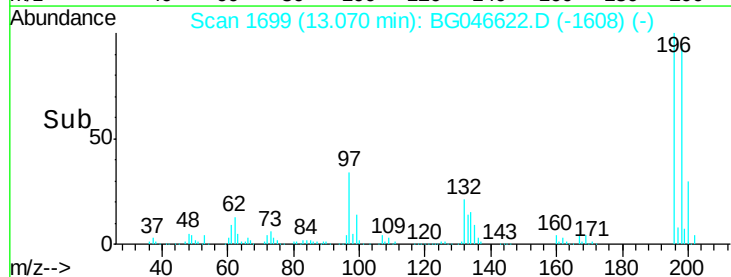
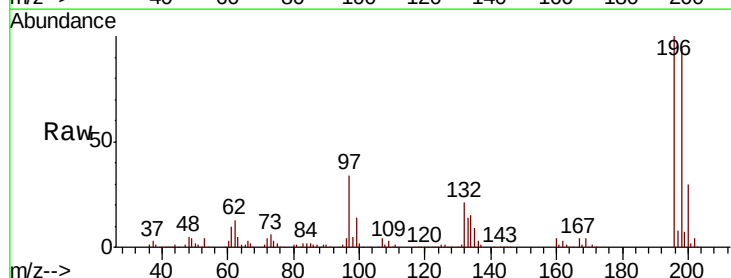
Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

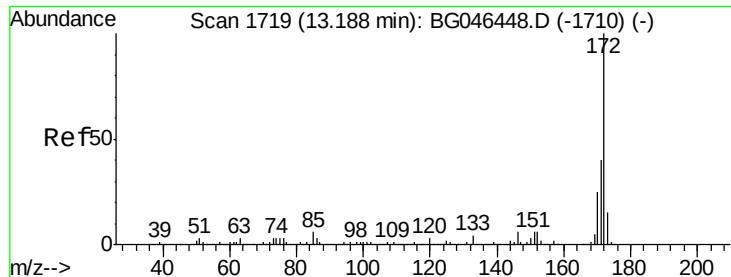
Tot Ion:196 Resp: 160933
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.0 115.6
 200 33.1 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.061 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion:196 Resp: 180232
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.6 113.4
 97 34.4 28.6 43.0
 132 20.7 17.0 25.6

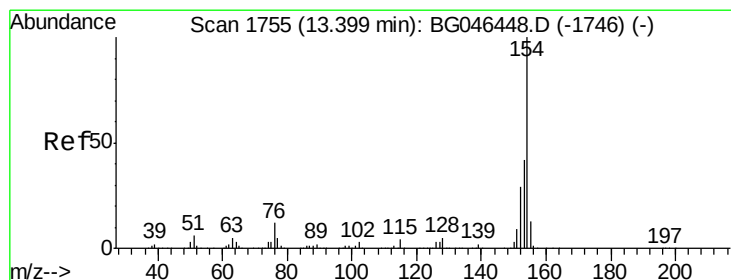
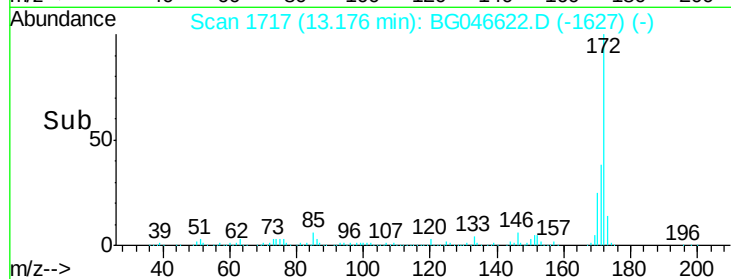
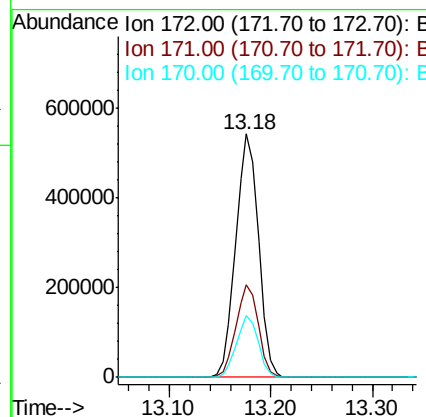
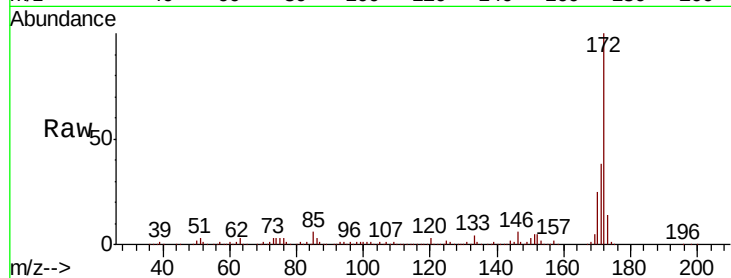




#45
2-Fluorobiphenyl
Concen: 68.512 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

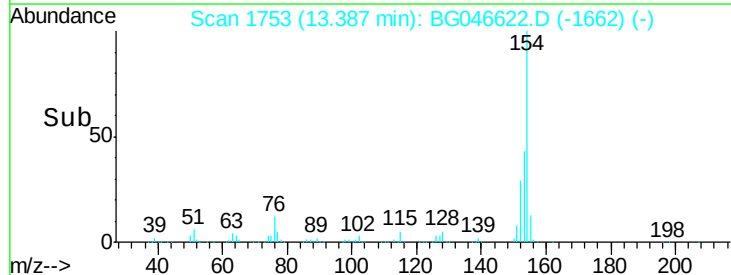
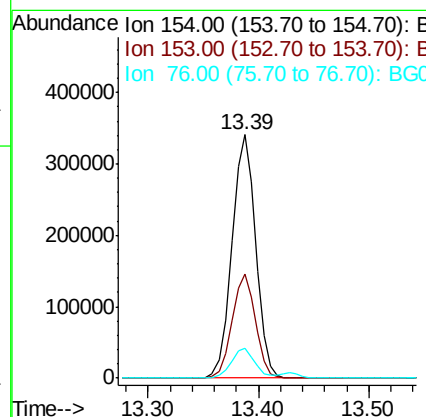
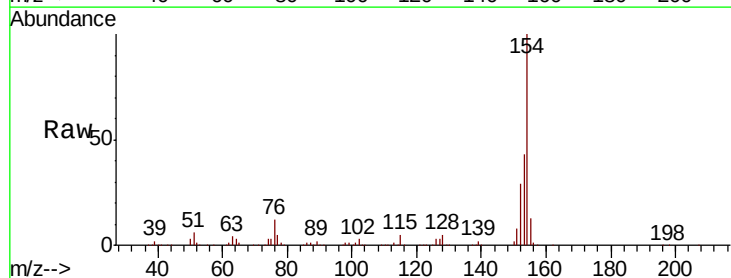
Instrument :
BNA_G
ClientSampleId :
PB131588BSD

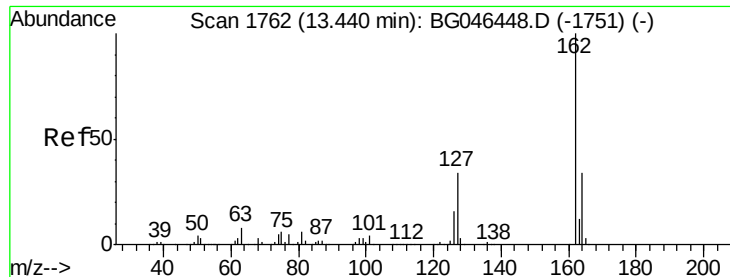
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.8	47.6
170	25.4	20.3	30.5



#46
1,1'-Biphenyl
Concen: 39.171 ng
RT: 13.39 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

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

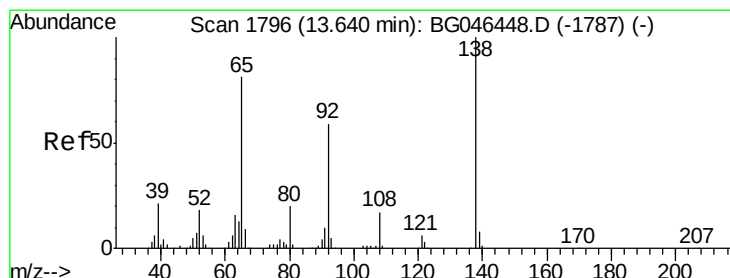
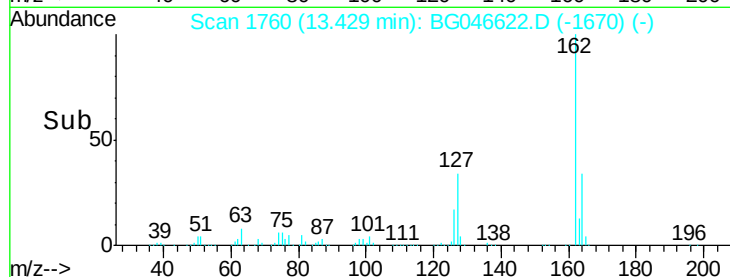
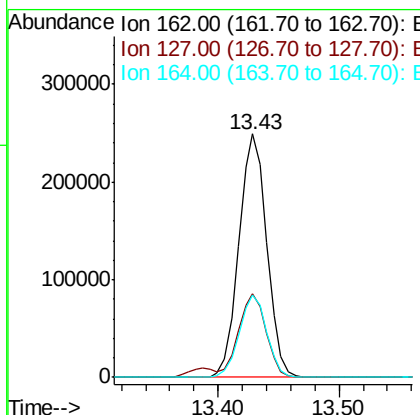
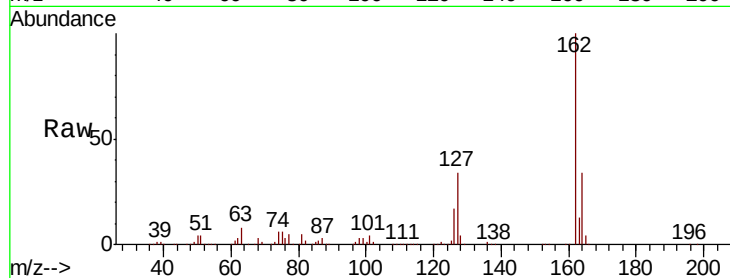




#47
 2-Chloronaphthalene
 Concen: 36.111 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

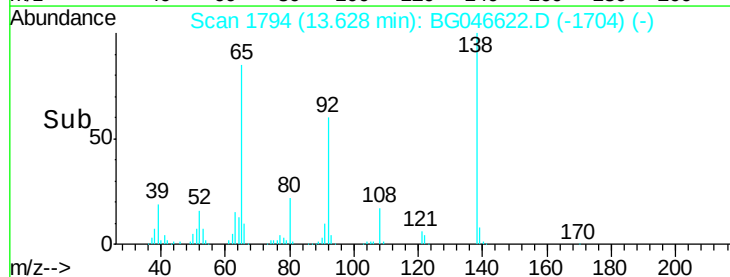
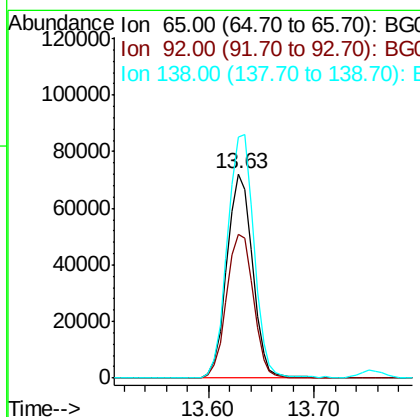
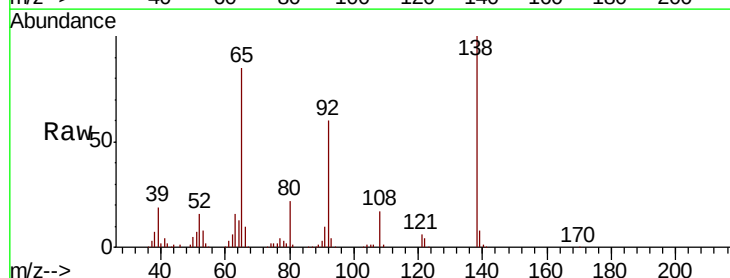
Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

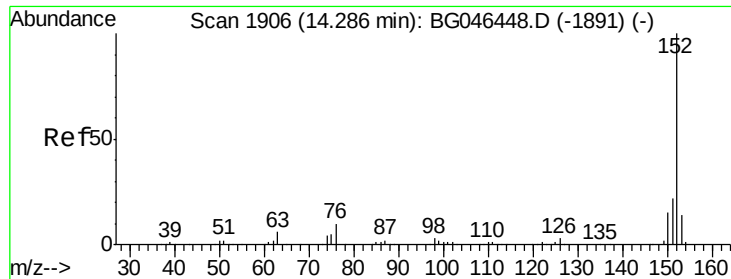
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.2	27.6	41.4
164	33.7	27.3	40.9



#48
 2-Nitroaniline
 Concen: 39.431 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	58.5	87.7
138	118.1	98.4	147.6





#49

Acenaphthylene

Concen: 40.674 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

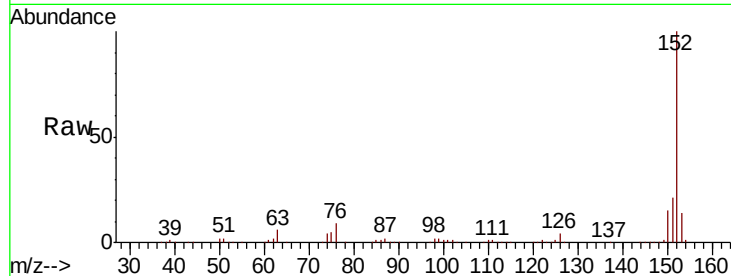
Tot Ion:152 Resp: 683273

Ion Ratio Lower Upper

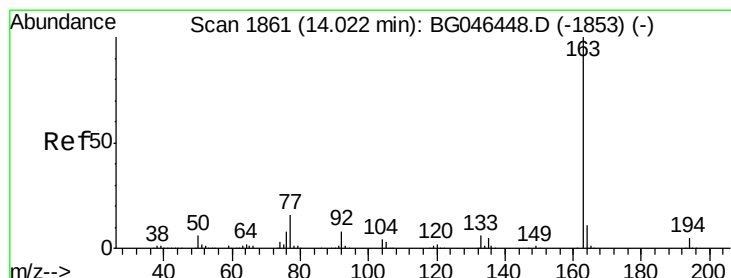
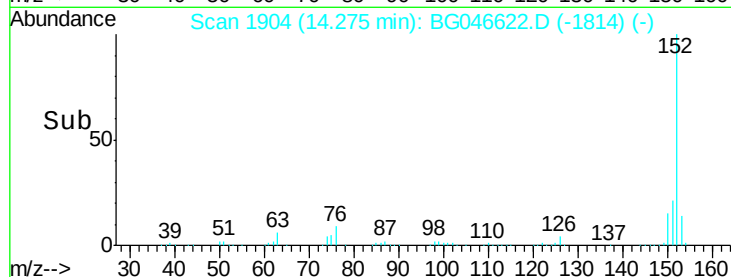
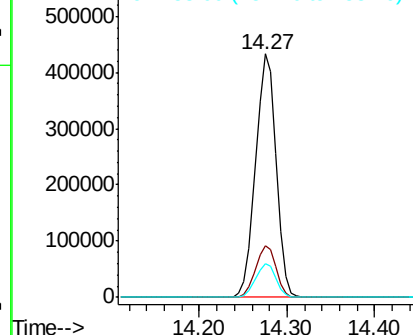
152 100

151 20.9 17.7 26.5

153 14.1 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.287 ng

RT: 14.01 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

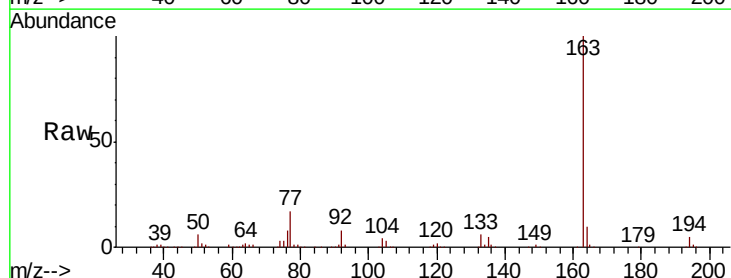
Tgt Ion:163 Resp: 585130

Ion Ratio Lower Upper

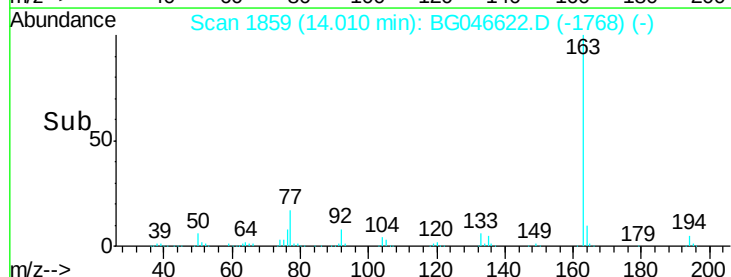
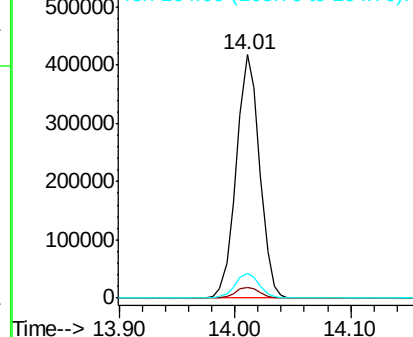
163 100

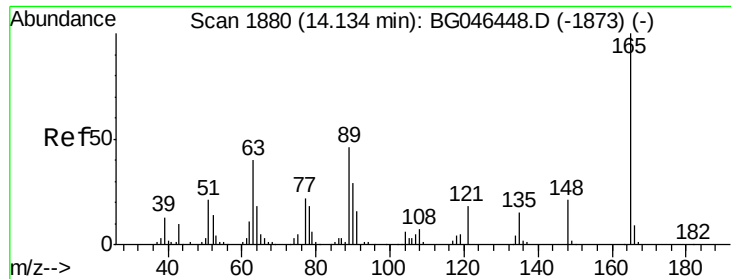
194 4.6 3.7 5.5

164 10.0 8.6 12.8



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





#51

2,6-Dinitrotoluene

Concen: 42.383 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

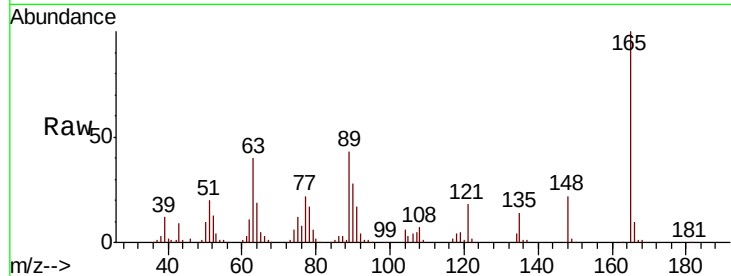
Tot Ion:165 Resp: 135691

Ion Ratio Lower Upper

165 100

63 40.0 34.2 51.4

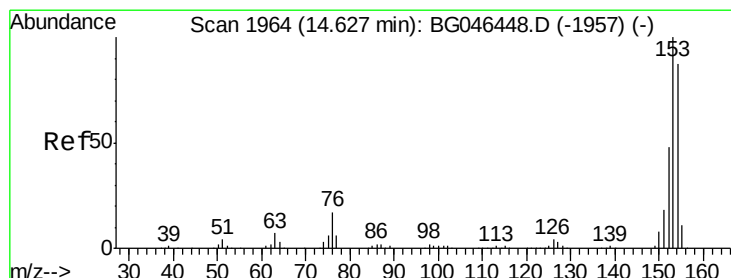
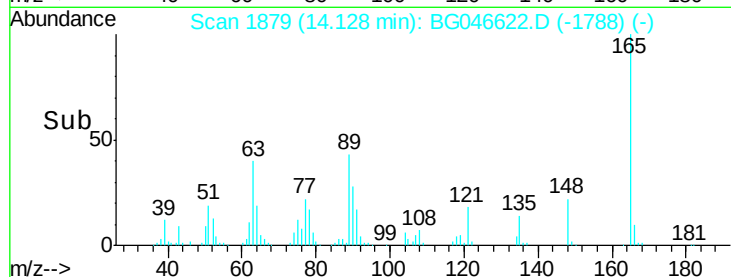
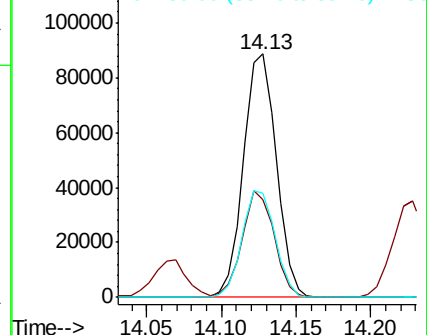
89 42.6 37.0 55.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.070 ng

RT: 14.62 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

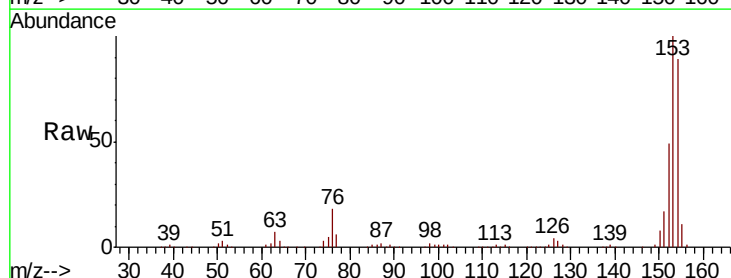
Tgt Ion:154 Resp: 406712

Ion Ratio Lower Upper

154 100

153 112.5 91.9 137.9

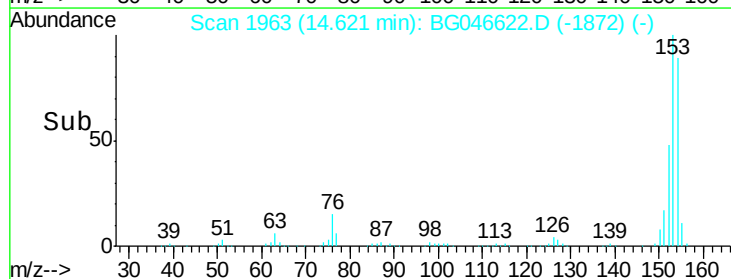
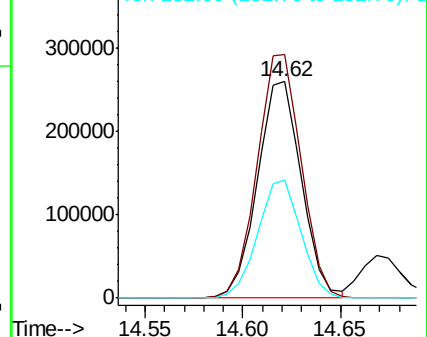
152 54.6 43.8 65.6

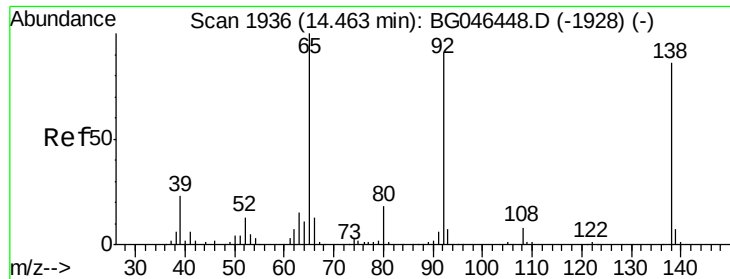


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.680 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

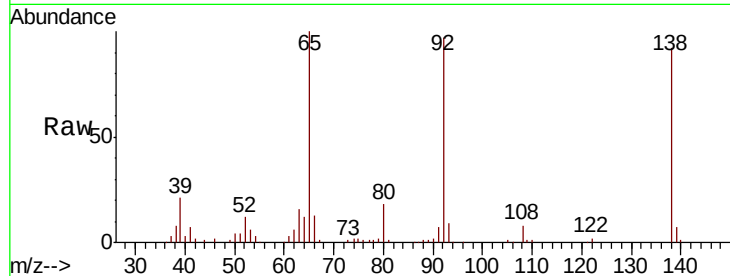
Tot Ion:138 Resp: 109864

Ion Ratio Lower Upper

138 100

108 9.1 7.0 10.6

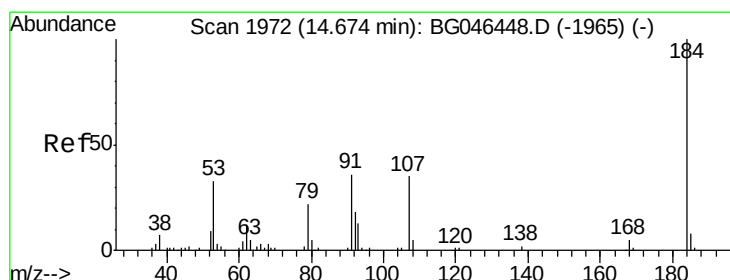
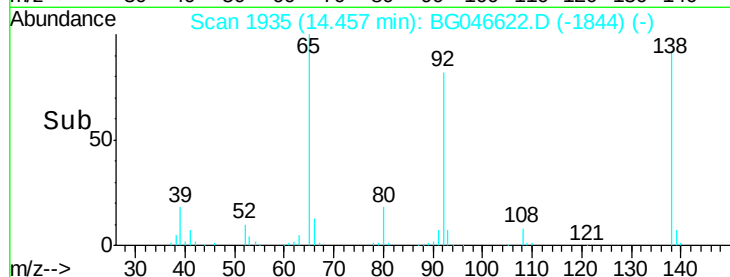
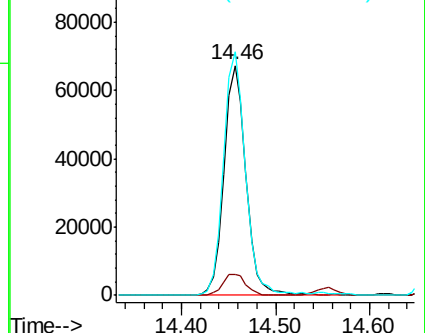
92 105.8 84.6 127.0



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: 86.485 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

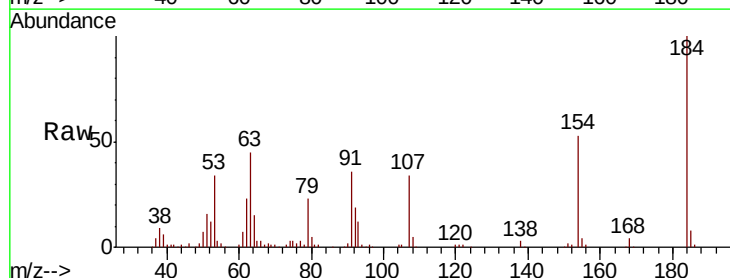
Tgt Ion:184 Resp: 161622

Ion Ratio Lower Upper

184 100

63 45.3 35.6 53.4

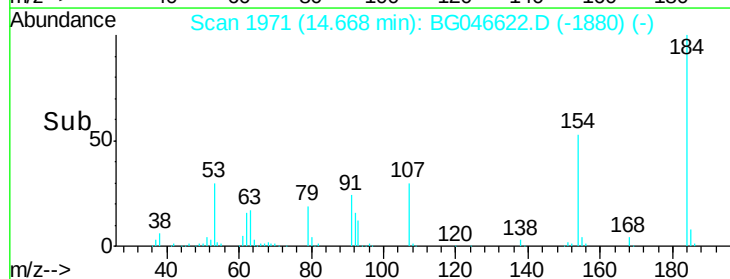
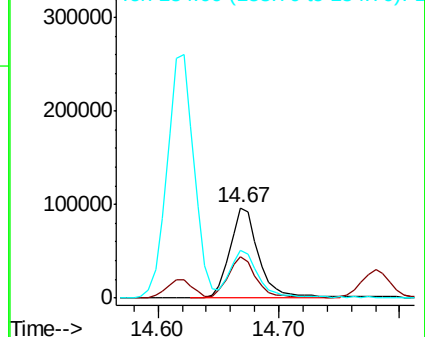
154 53.4 44.3 66.5

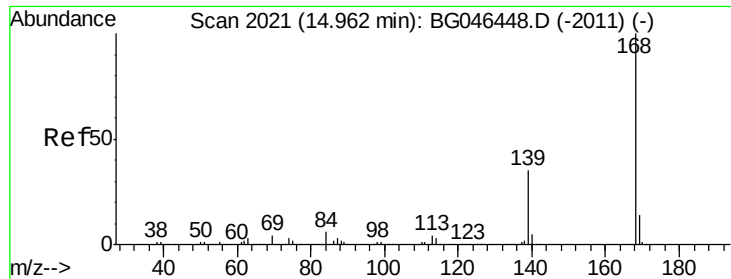


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

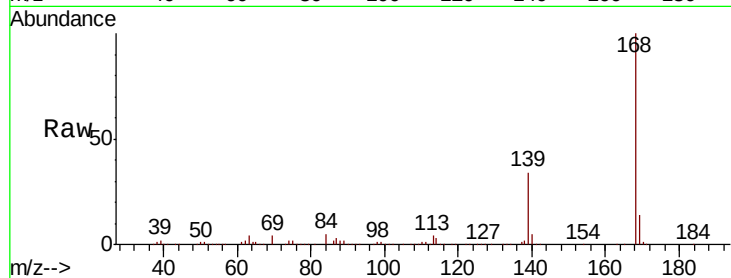




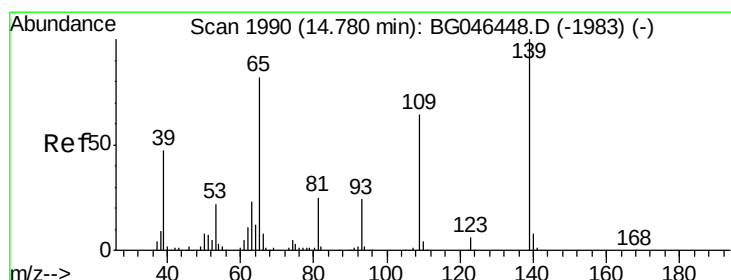
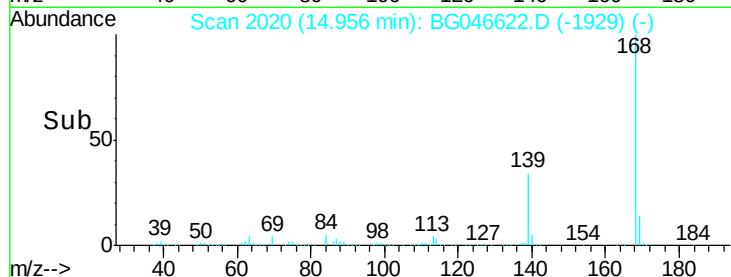
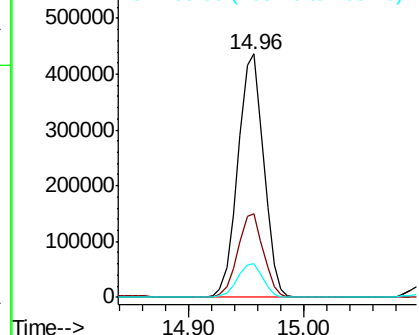
#55
Dibenzofuran
Concen: 40.441 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion:168 Resp: 675610
Ion Ratio Lower Upper
168 100
139 34.2 28.1 42.1
169 13.9 11.5 17.3

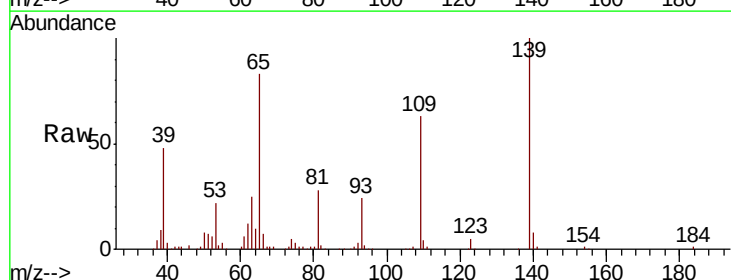


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

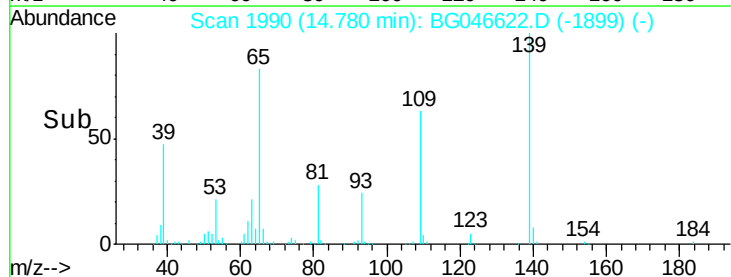
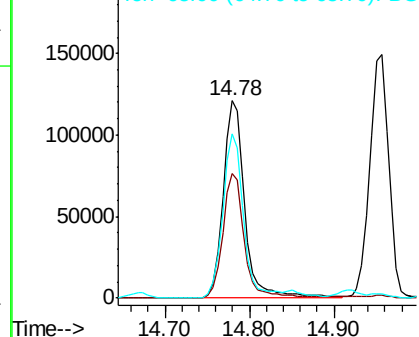


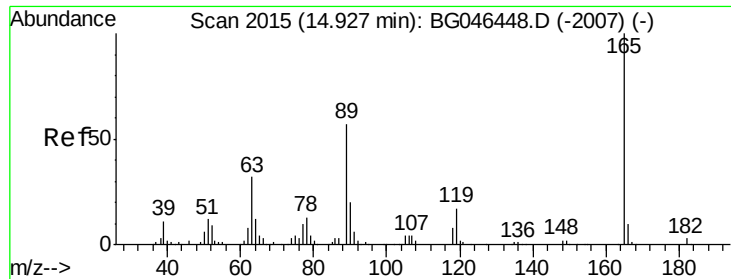
#56
4-Nitrophenol
Concen: 84.547 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion:139 Resp: 215787
Ion Ratio Lower Upper
139 100
109 63.3 44.3 84.3
65 83.1 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): BGO





#57

2,4-Dinitrotoluene

Concen: 42.084 ng

RT: 14.92 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

Tot Ion:165 Resp: 192118

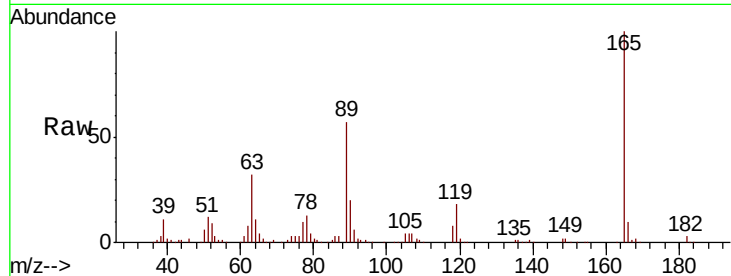
Ion Ratio Lower Upper

165 100

63 32.0 25.4 38.0

89 56.7 45.9 68.9

182 3.0 2.3 3.5

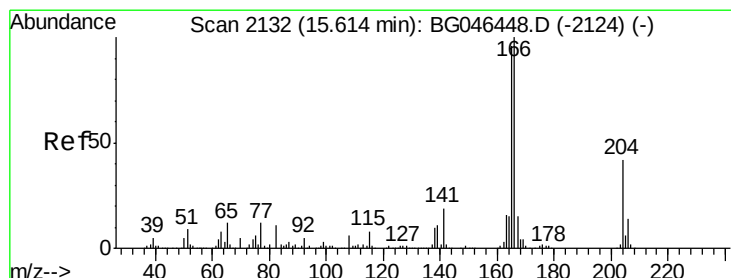
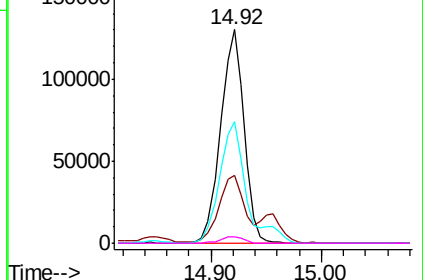
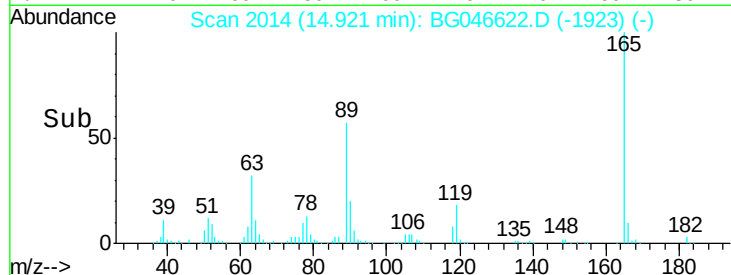


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.622 ng

RT: 15.60 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

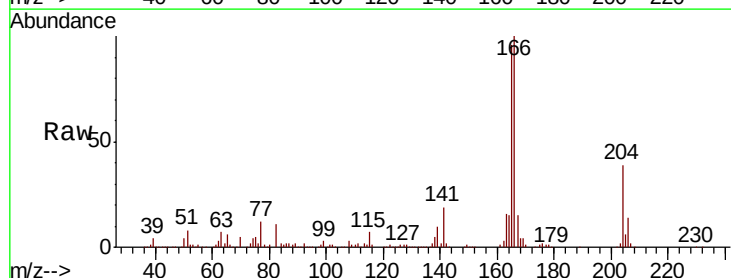
Tgt Ion:166 Resp: 569585

Ion Ratio Lower Upper

166 100

165 95.6 77.0 115.4

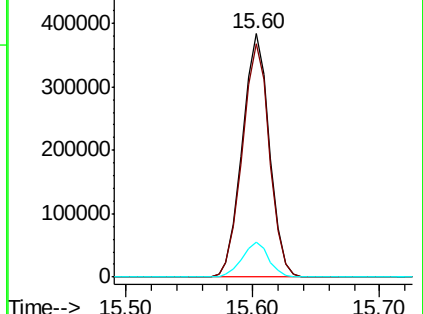
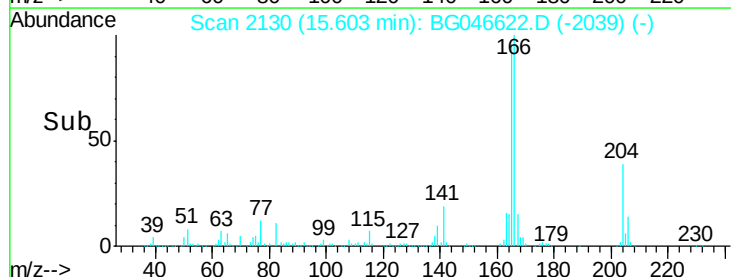
167 14.6 11.8 17.6

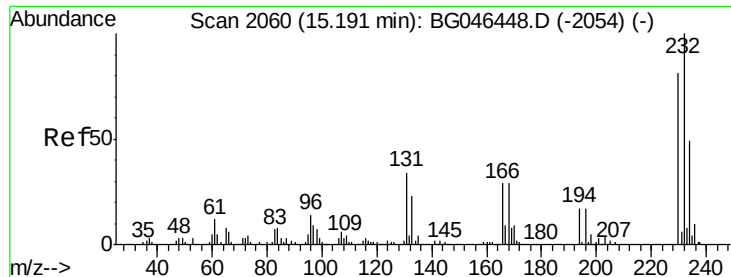


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

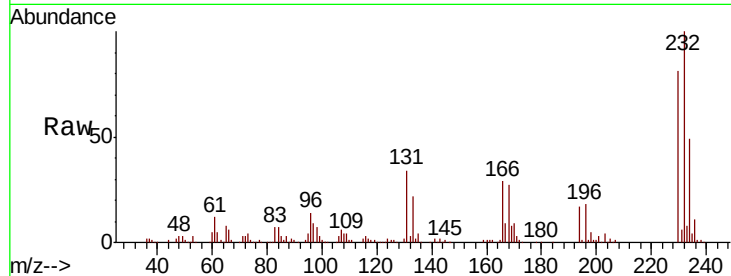




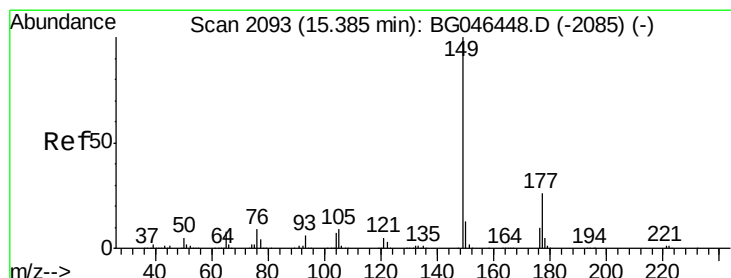
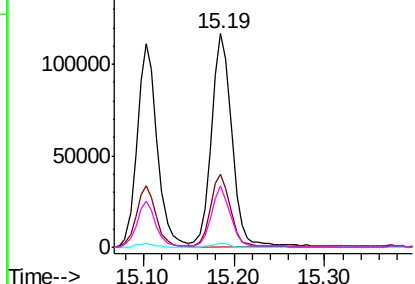
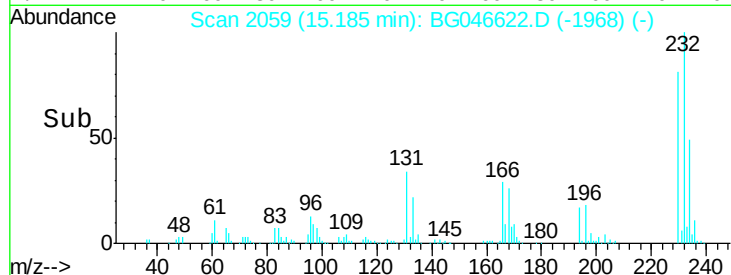
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.967 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion:232 Resp: 183142
Ion Ratio Lower Upper
232 100
131 33.4 26.8 40.2
130 1.7 1.4 2.2
166 26.9 22.8 34.2

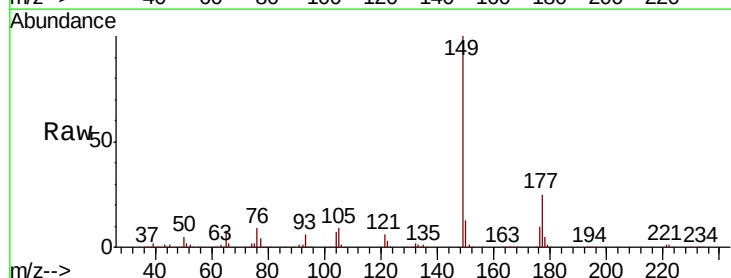


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

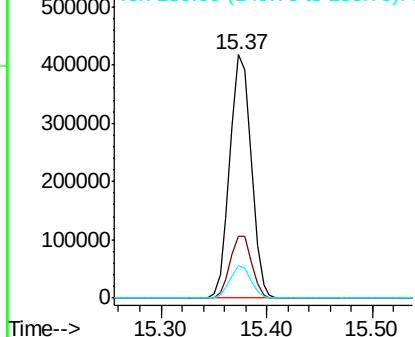
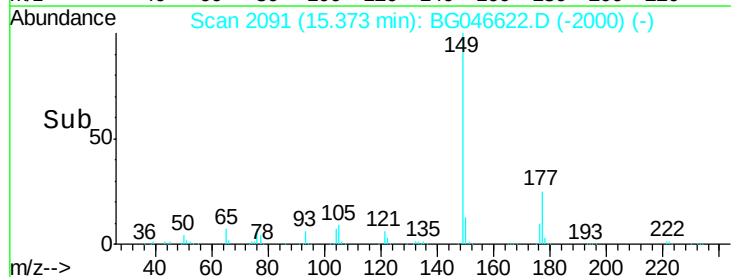


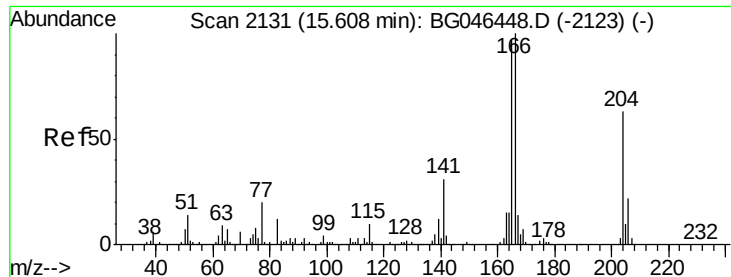
#60
Diethylphthalate
Concen: 41.070 ng
RT: 15.37 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion:149 Resp: 581583
Ion Ratio Lower Upper
149 100
177 25.4 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

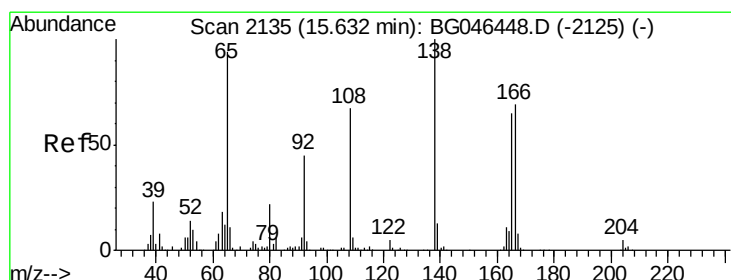
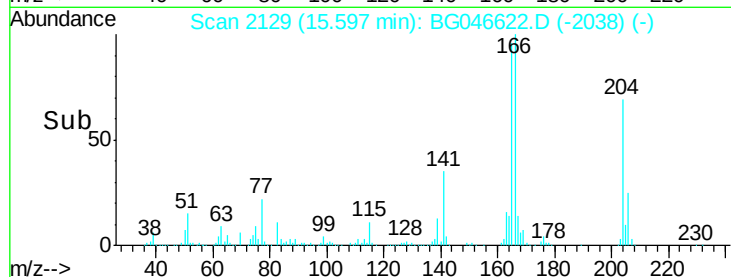
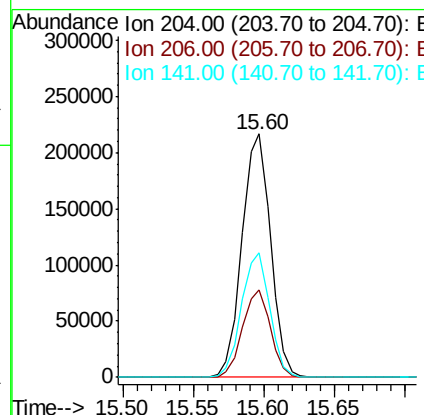
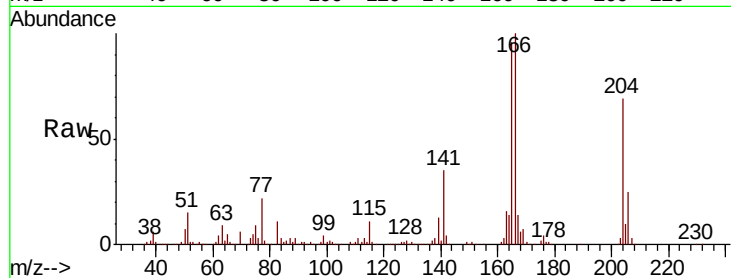




#61
4-Chlorophenyl-phenylether
Concen: 39.525 ng
RT: 15.60 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

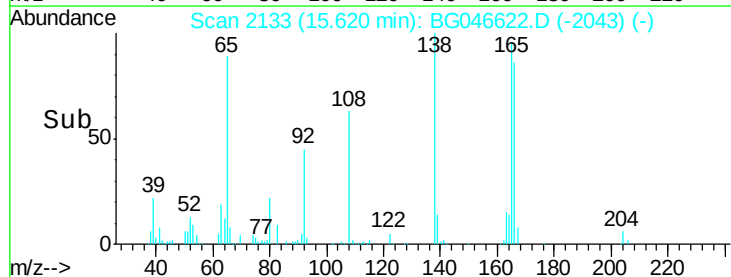
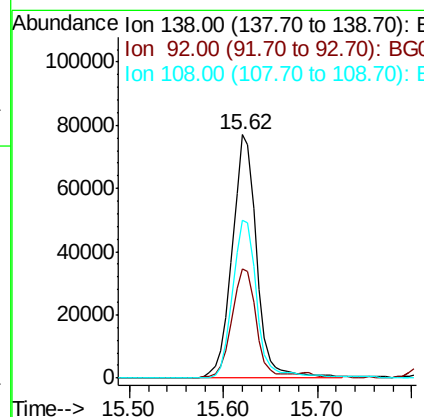
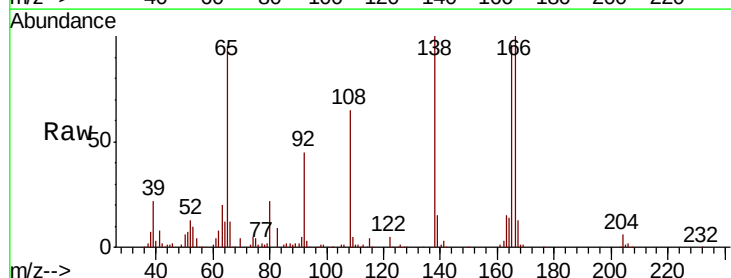
Instrument :
BNA_G
ClientSampleId :
PB131588BSD

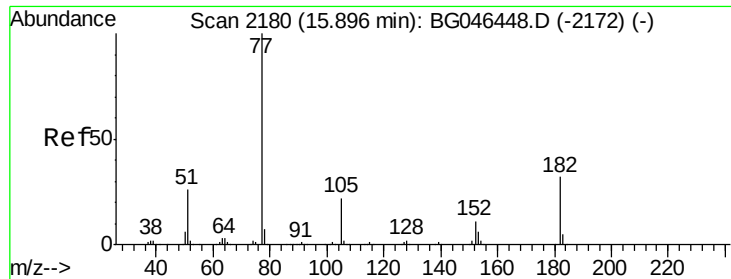
Tot Ion:204 Resp: 305218
Ion Ratio Lower Upper
204 100
206 35.8 27.7 41.5
141 51.2 38.7 58.1



#62
4-Nitroaniline
Concen: 38.367 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion:138 Resp: 140392
Ion Ratio Lower Upper
138 100
92 45.1 25.3 65.3
108 65.1 46.7 86.7





#63

Azobenzene

Concen: 41.555 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

Tot Ion: 77 Resp: 478665

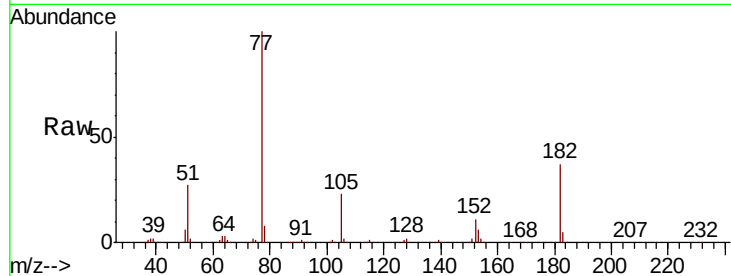
Ion Ratio Lower Upper

77 100

182 36.5 12.3 52.3

105 22.8 2.3 42.3

51 27.5 6.5 46.5

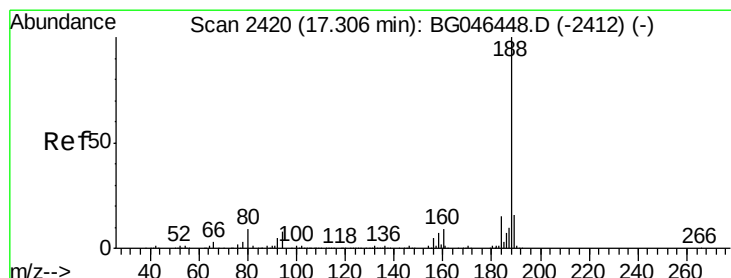
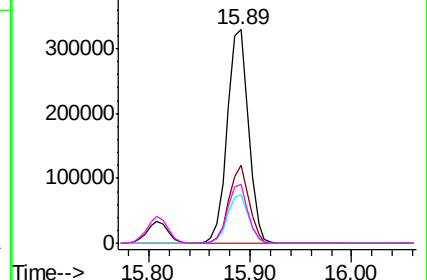
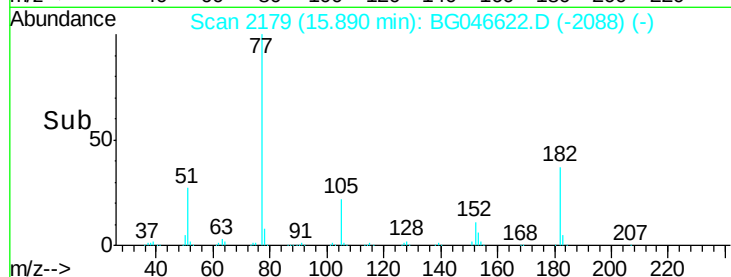


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

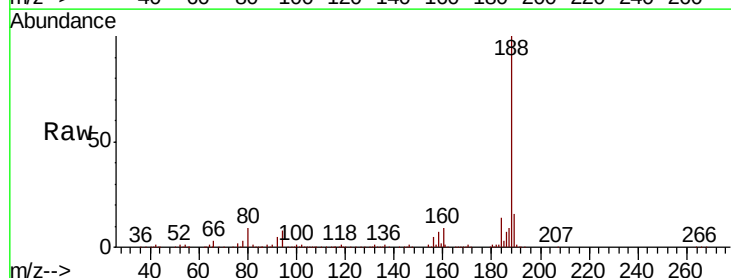
Tgt Ion: 188 Resp: 473134

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

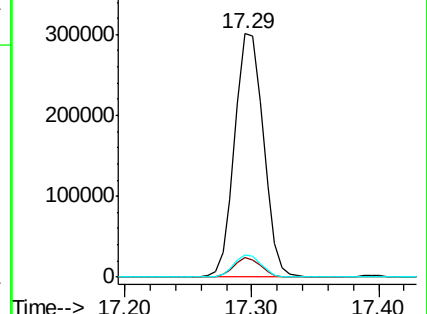
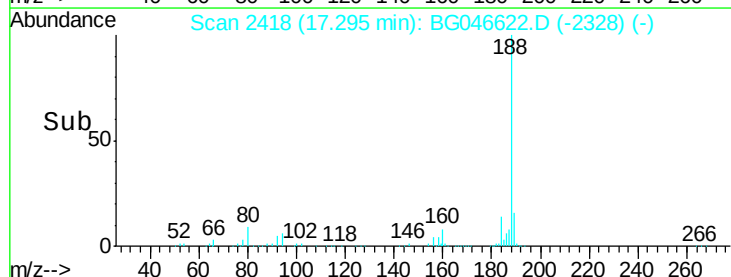
80 9.0 6.9 10.3

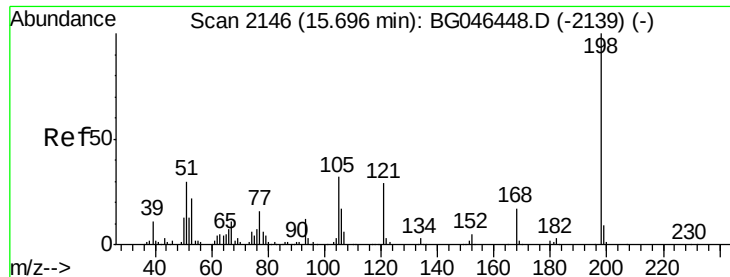


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

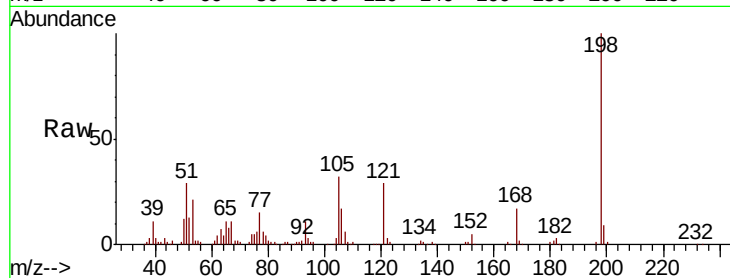




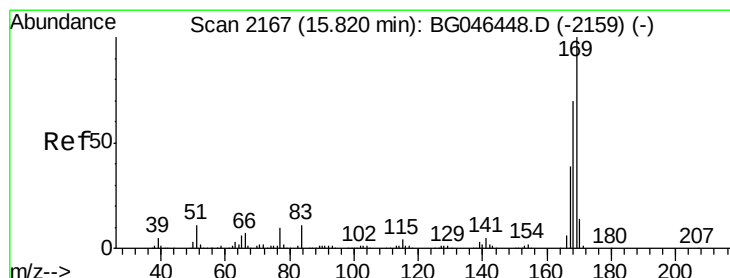
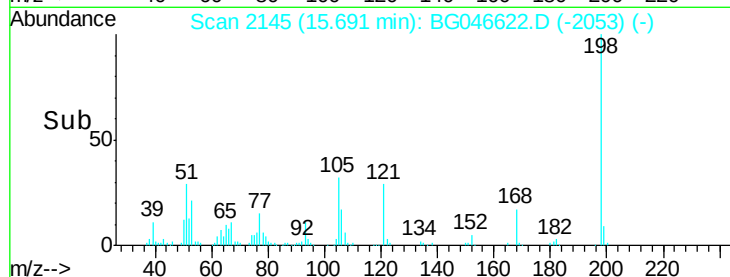
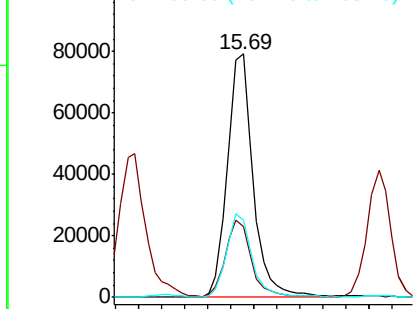
#65
4,6-Dinitro-2-methylphenol
Concen: 45.873 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	29.2	10.4	50.4
105	31.8	12.4	52.4

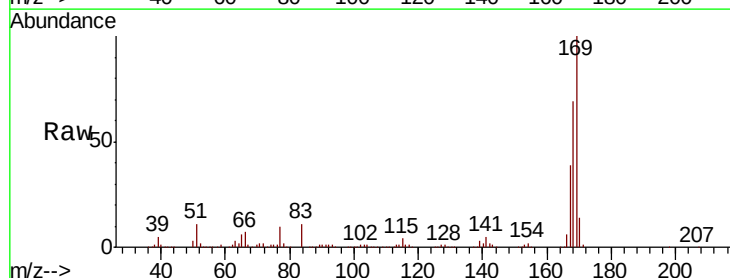


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

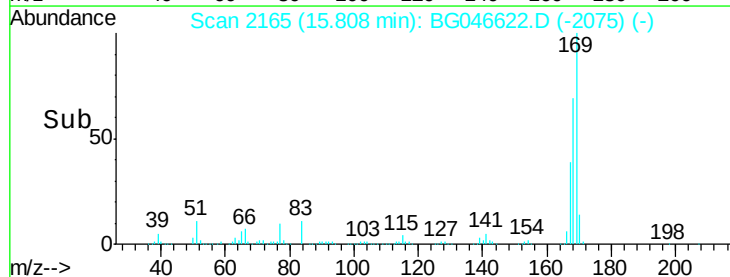
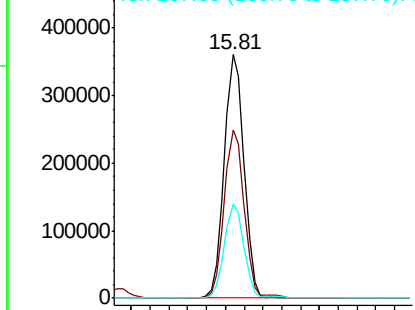


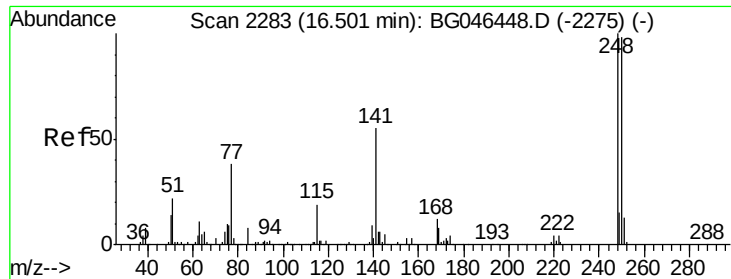
#66
n-Nitrosodiphenylamine
Concen: 41.374 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.8	83.8
167	38.7	31.0	46.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

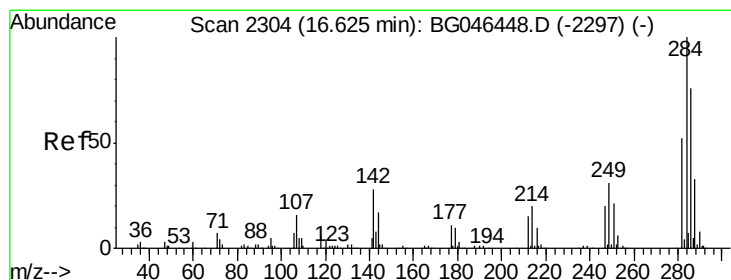
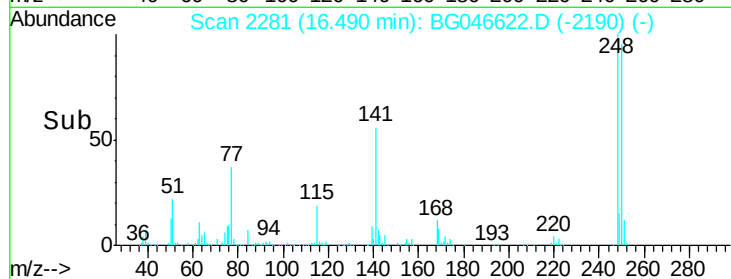
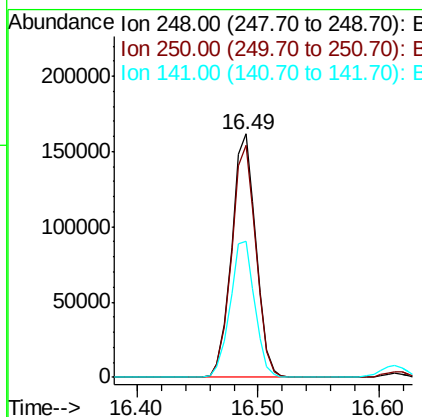
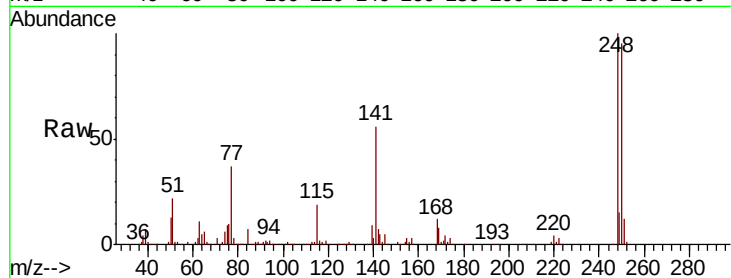




#67
4-Bromophenyl-phenylether
Concen: 40.852 ng
RT: 16.49 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

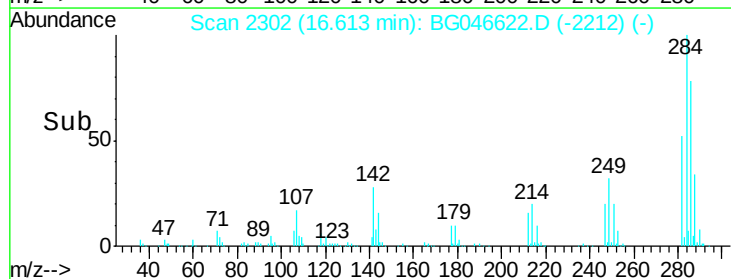
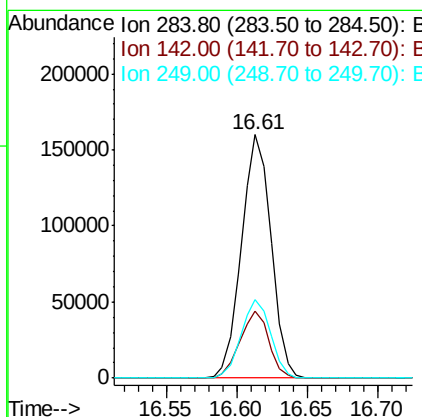
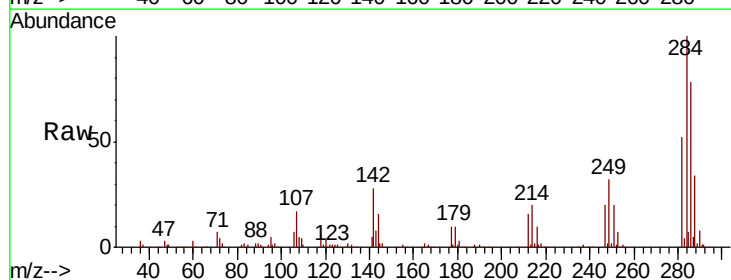
Instrument :
BNA_G
ClientSampleId :
PB131588BSD

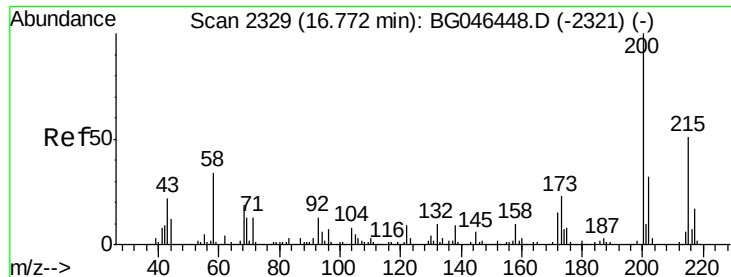
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.6	118.0
141	55.9	43.9	65.9



#68
Hexachlorobenzene
Concen: 38.446 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	22.3	33.5
249	32.2	24.8	37.2





#69

Atrazine

Concen: 37.837 ng

RT: 16.76 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

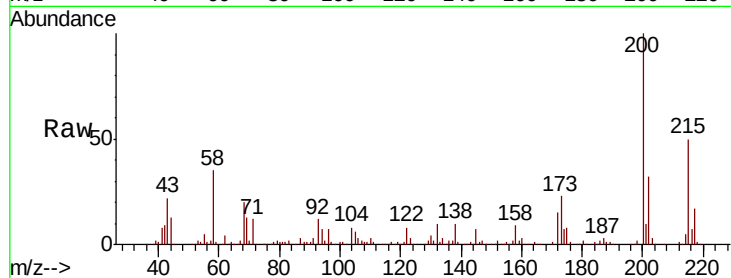
Tot Ion:200 Resp: 197024

Ion Ratio Lower Upper

200 100

173 23.2 3.3 43.3

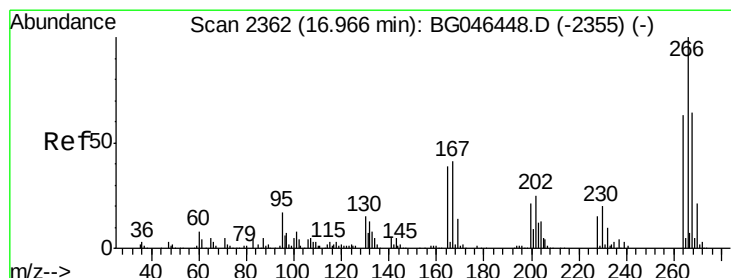
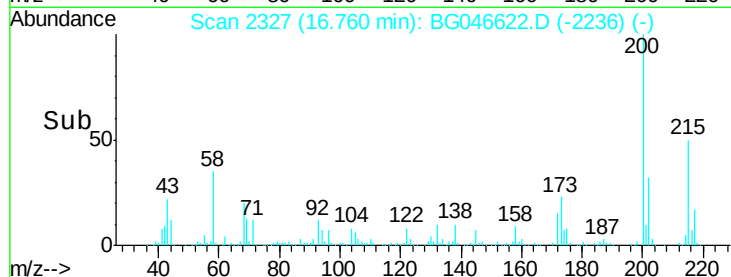
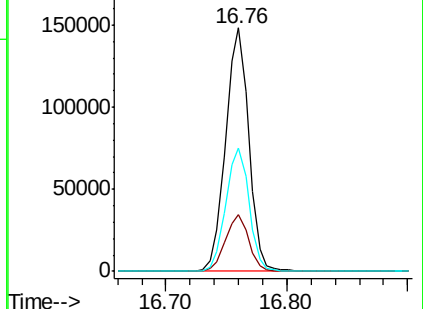
215 50.4 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.830 ng

RT: 16.96 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

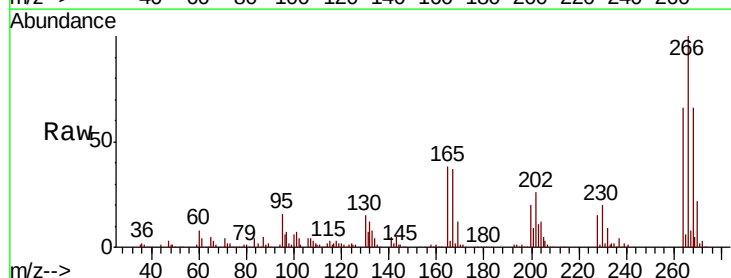
Tgt Ion:266 Resp: 254979

Ion Ratio Lower Upper

266 100

268 65.6 51.1 76.7

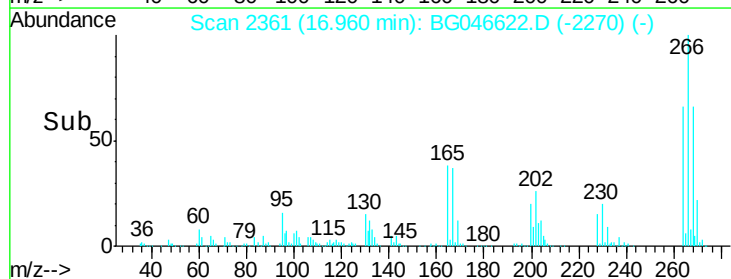
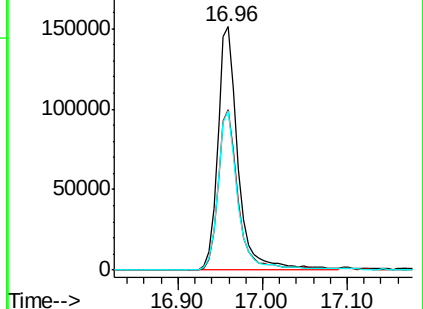
264 65.6 50.2 75.2

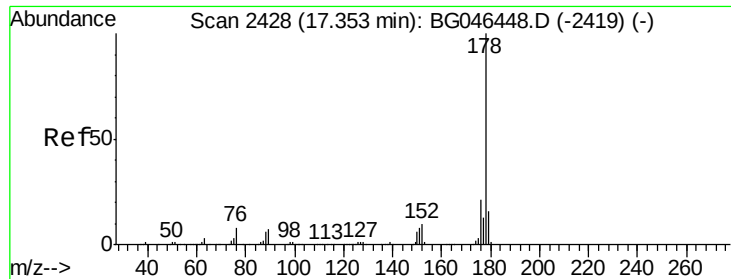


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

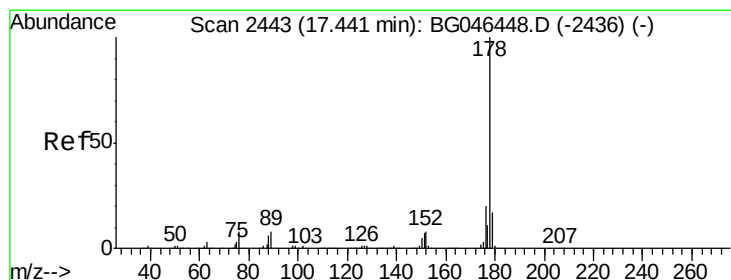
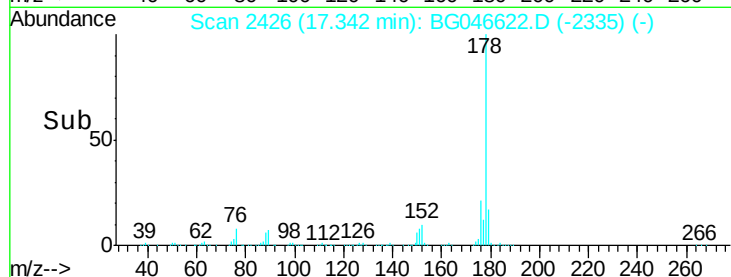
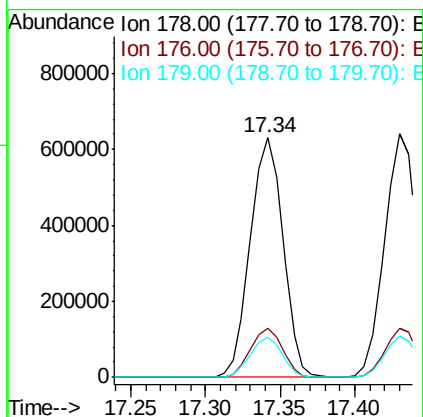
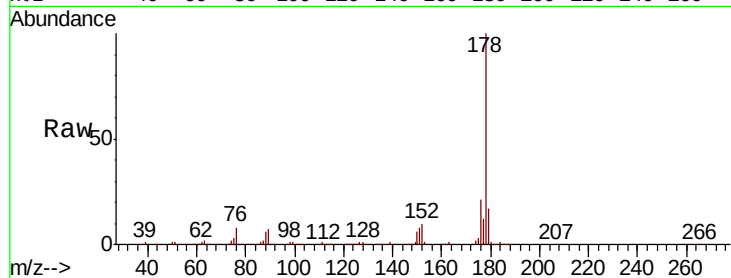




#71
Phenanthrene
Concen: 39.968 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

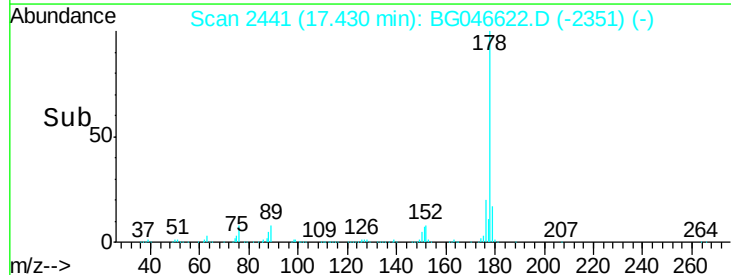
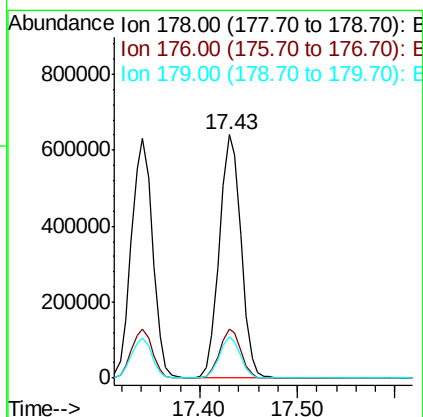
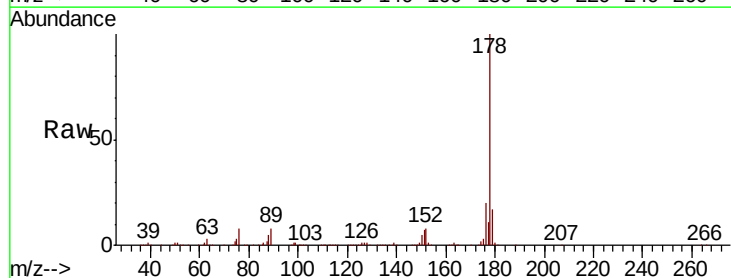
Instrument :
BNA_G
ClientSampleId :
PB131588BSD

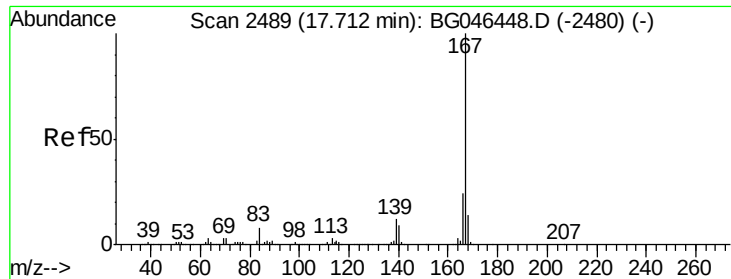
Tot Ion:178 Resp: 958508
Ion Ratio Lower Upper
178 100
176 20.7 16.8 25.2
179 16.6 13.2 19.8



#72
Anthracene
Concen: 41.578 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion:178 Resp: 983793
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.8 13.3 19.9

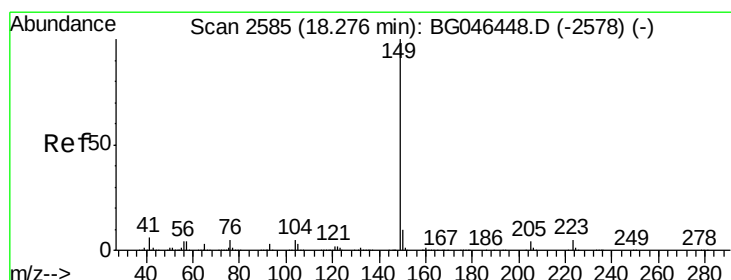
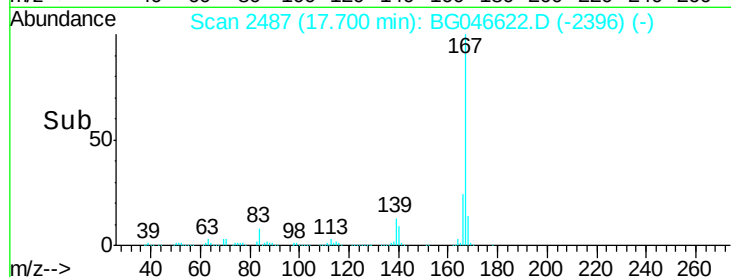
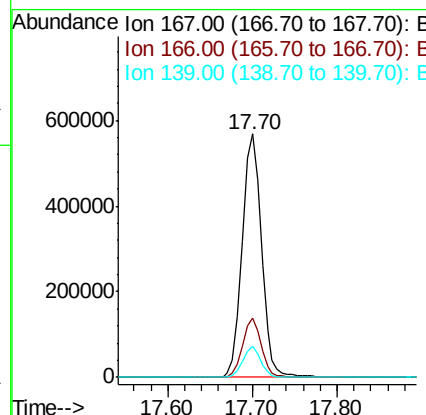
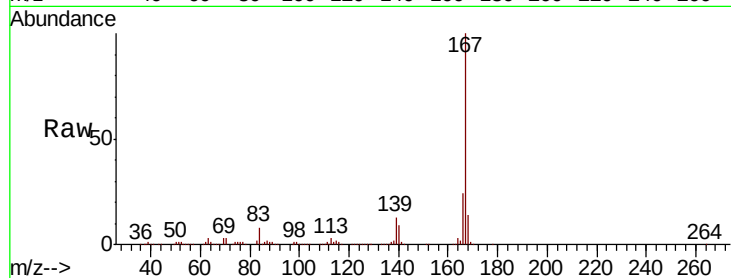




#73
 Carbazole
 Concen: 39.895 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

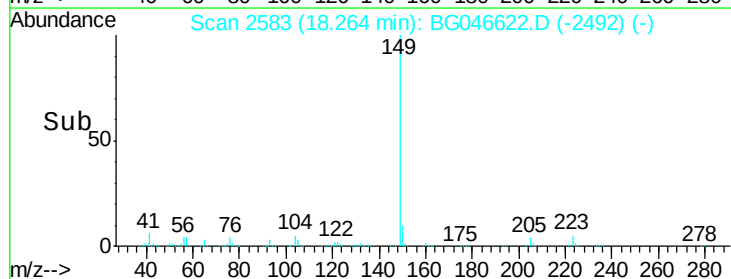
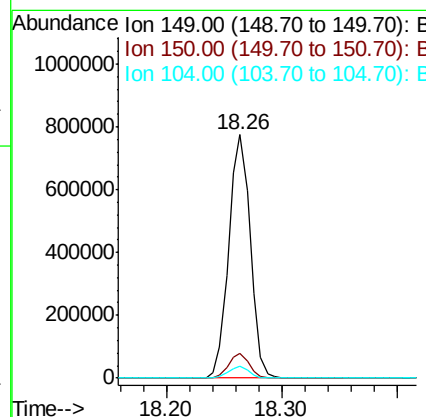
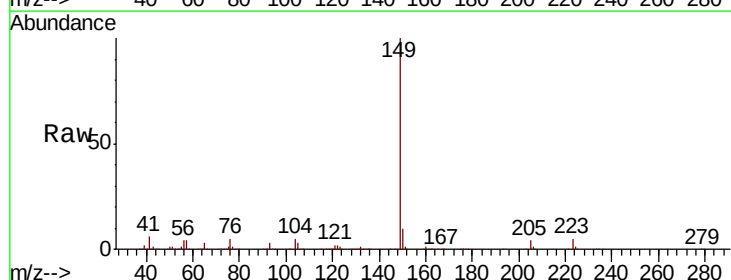
Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

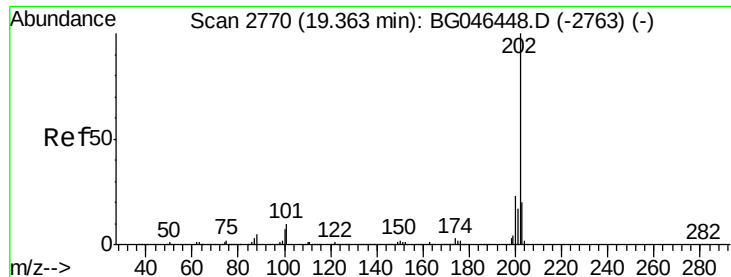
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.3	28.9
139	12.5	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 38.924 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

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





#75

Fluoranthene

Concen: 39.053 ng

RT: 19.35 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

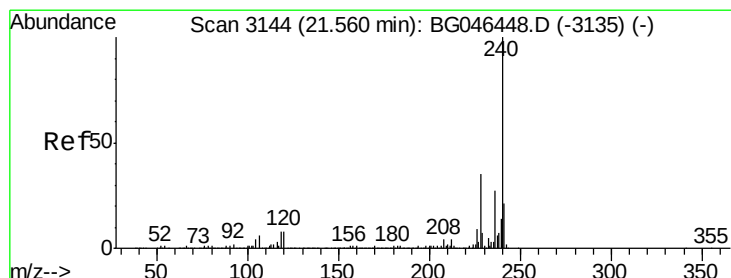
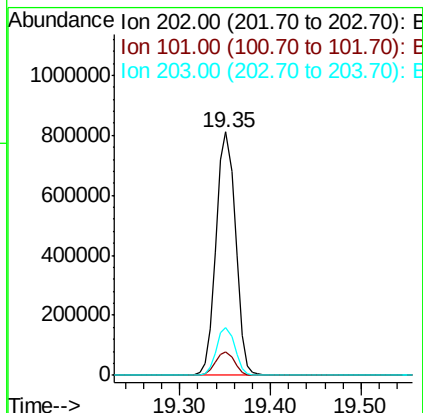
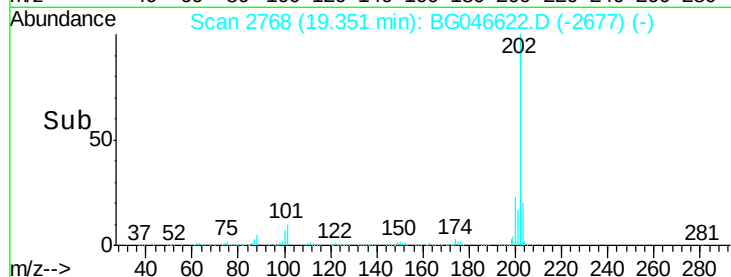
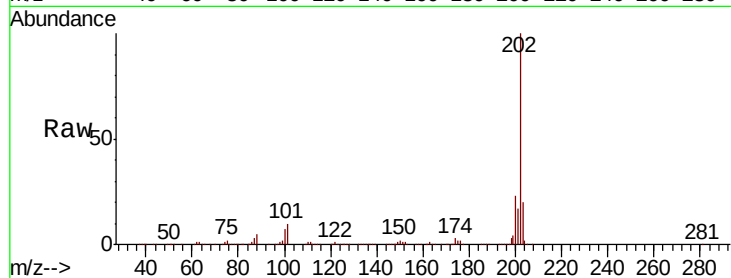
Tot Ion:202 Resp: 1205259

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.9

203 19.8 0.0 40.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

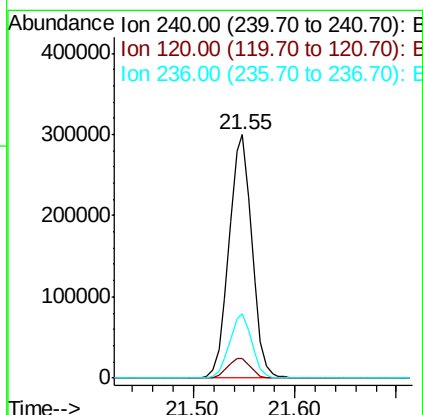
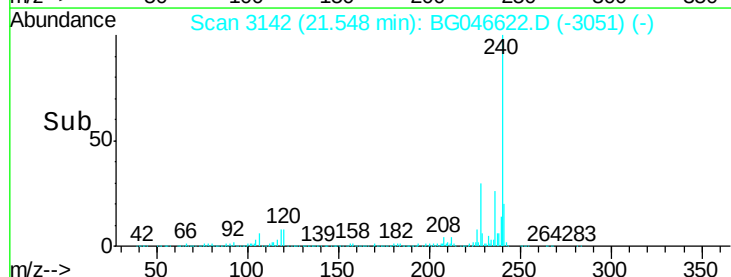
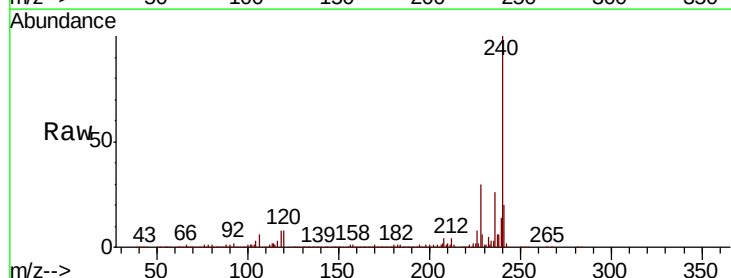
Tgt Ion:240 Resp: 470075

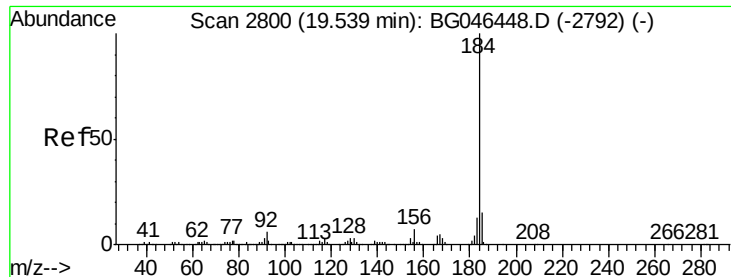
Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

236 26.3 21.4 32.2





#77

Benzidine

Concen: 58.790 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

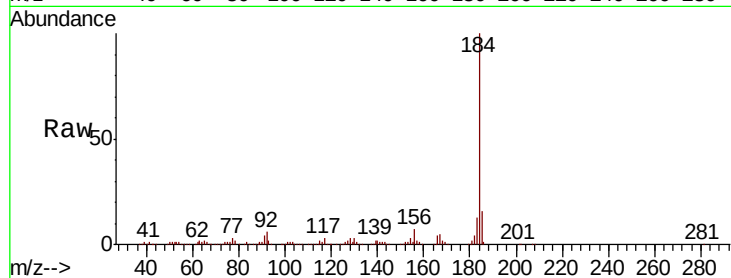
Tot Ion:184 Resp: 642170

Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.8

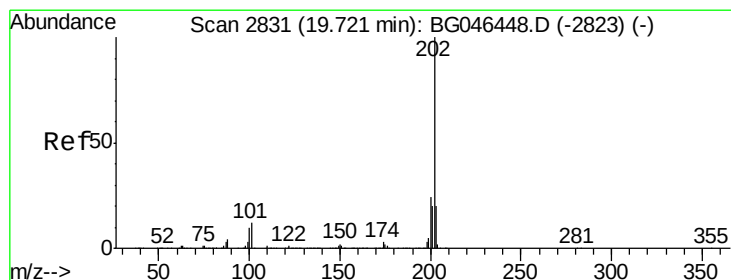
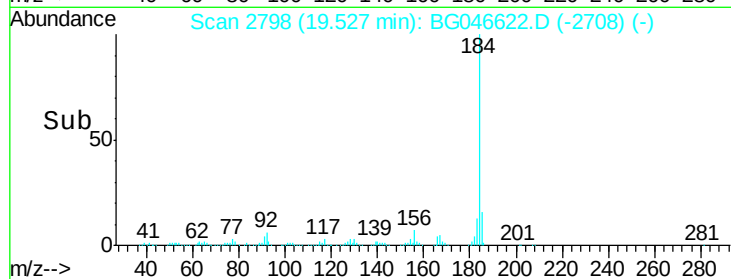
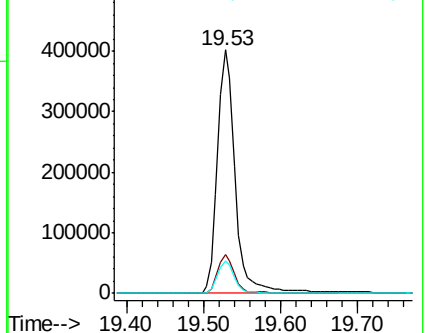
183 13.4 10.7 16.1



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: 40.013 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

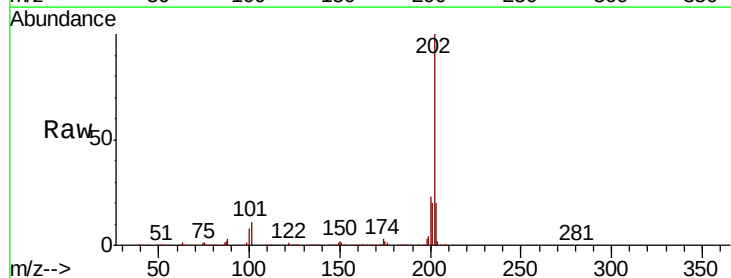
Tgt Ion:202 Resp: 1197748

Ion Ratio Lower Upper

202 100

200 23.2 18.9 28.3

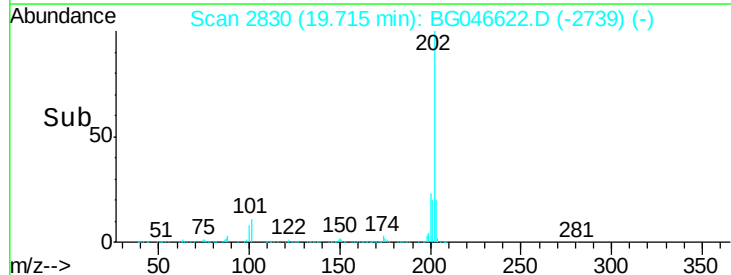
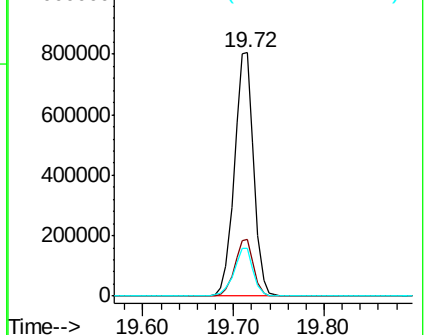
203 19.7 16.1 24.1

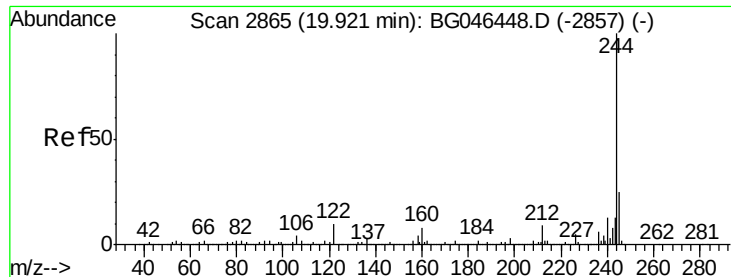


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.670 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

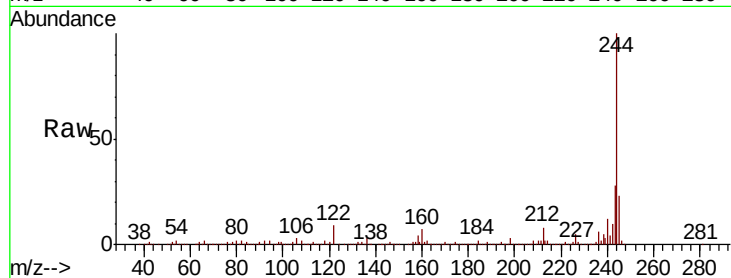
Tot Ion:244 Resp: 1472609

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

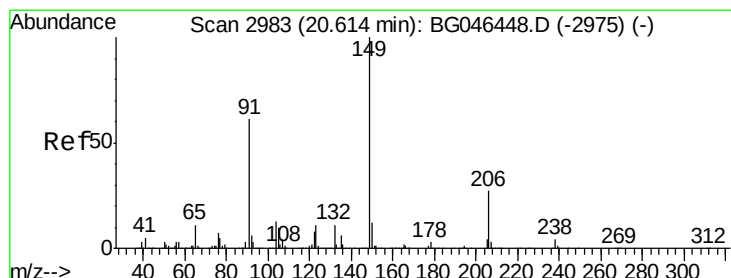
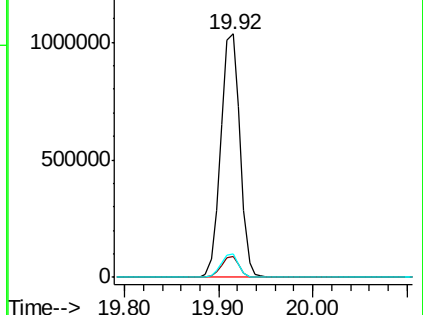
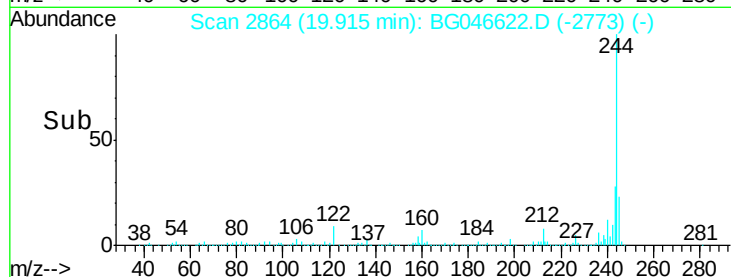
122 9.4 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.345 ng

RT: 20.60 min Scan# 2981

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

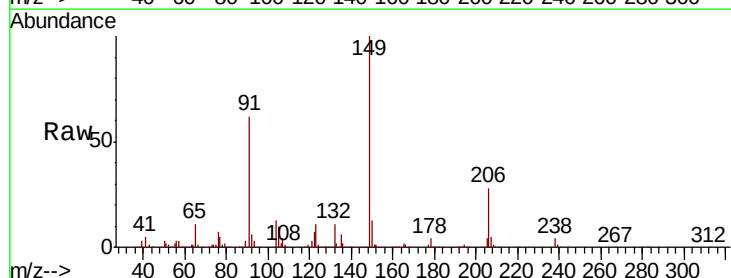
Tgt Ion:149 Resp: 447709

Ion Ratio Lower Upper

149 100

91 61.6 49.1 73.7

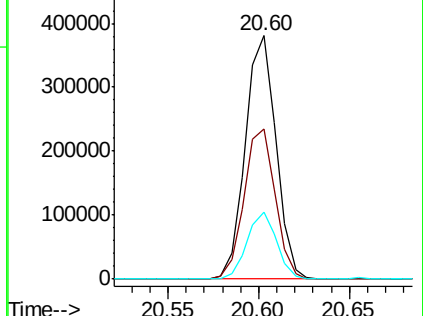
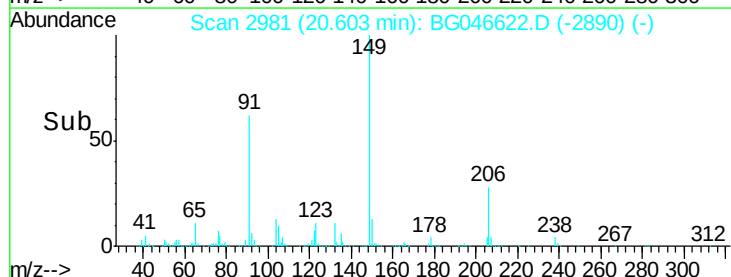
206 27.5 21.9 32.9

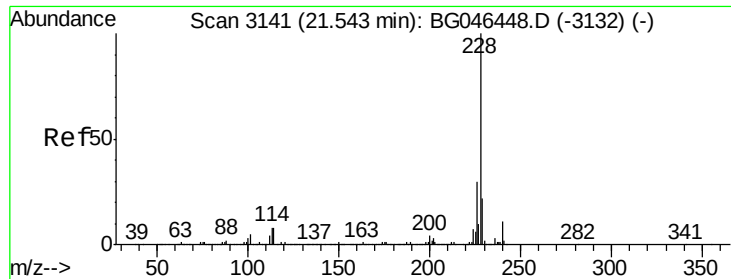


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

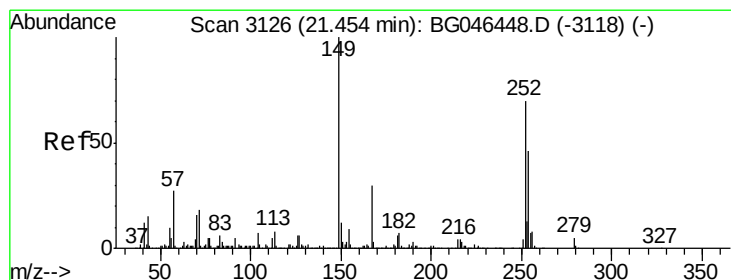
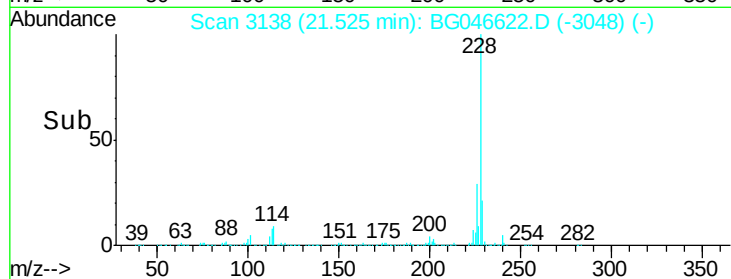
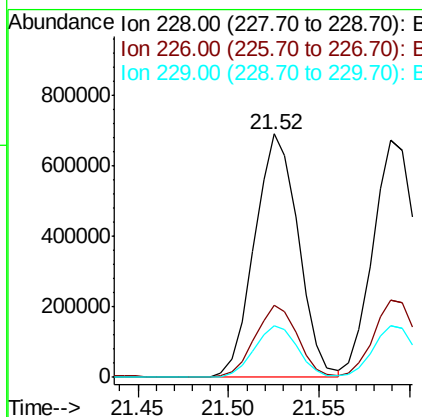
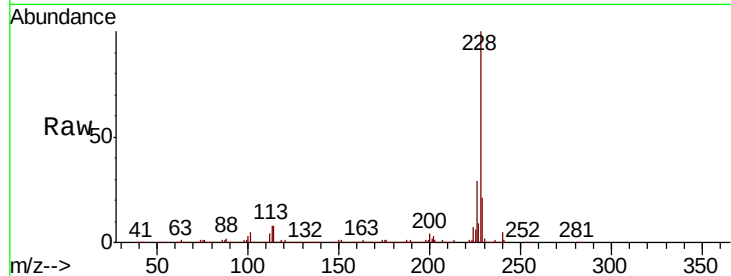




#81
Benzo(a)anthracene
Concen: 39.572 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

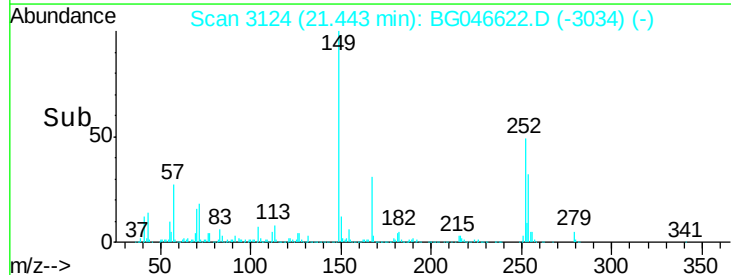
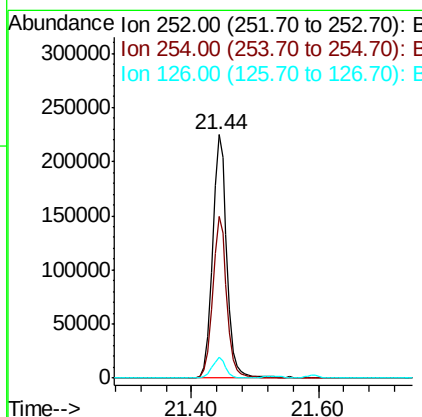
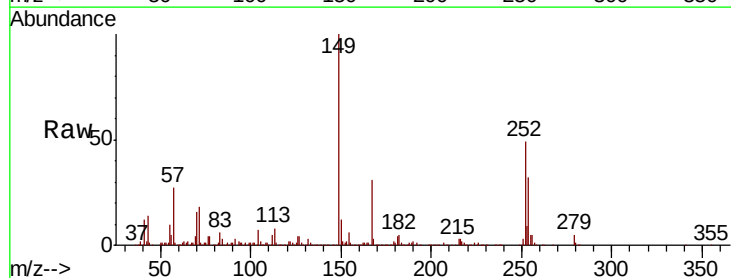
Instrument :
BNA_G
ClientSampleId :
PB131588BSD

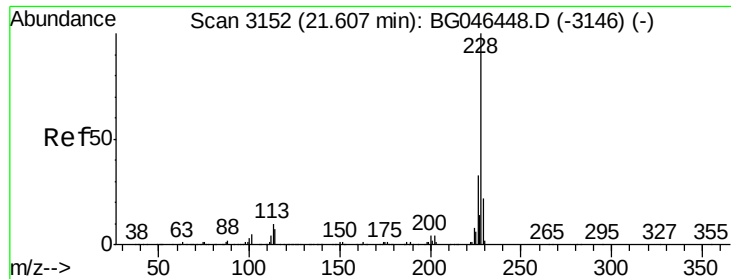
Tot Ion:228 Resp: 1159444
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.4
229 21.3 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 33.003 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion:252 Resp: 358852
Ion Ratio Lower Upper
252 100
254 66.4 51.9 77.9
126 8.8 7.4 11.0





#83

Chrysene

Concen: 39.368 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

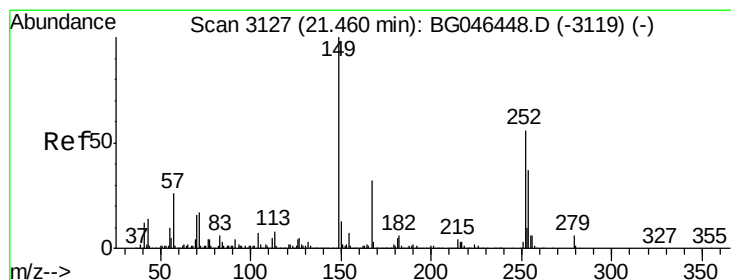
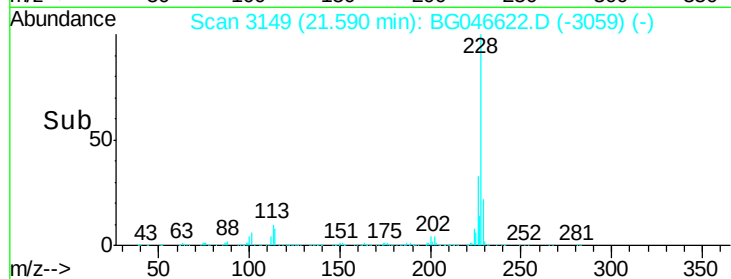
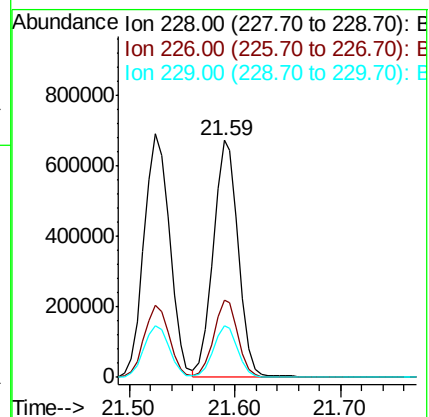
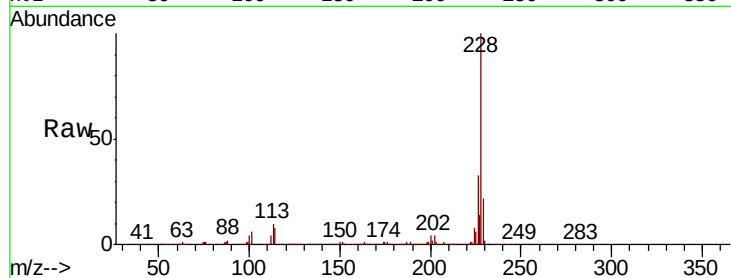
Tot Ion:228 Resp: 1109547

Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	21.9	17.9	26.9

228 100

226 32.7 26.2 39.4

229 21.9 17.9 26.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.564 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

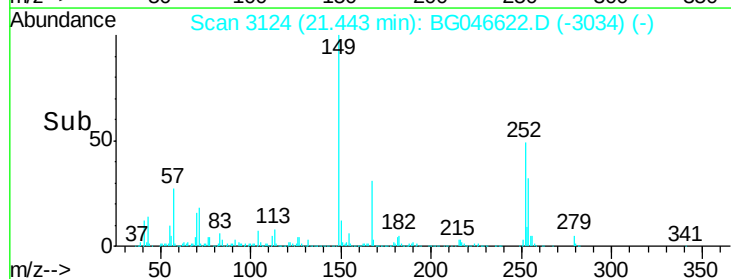
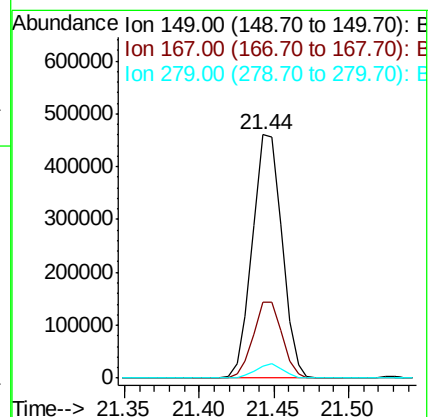
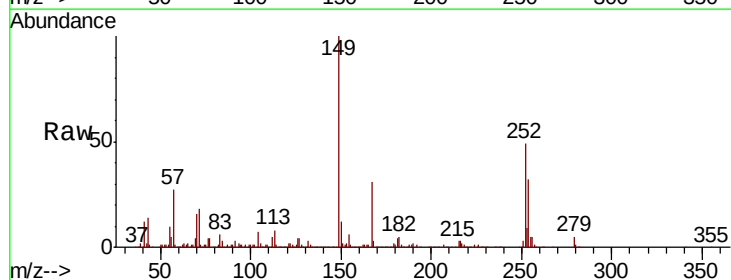
Tgt Ion:149 Resp: 630407

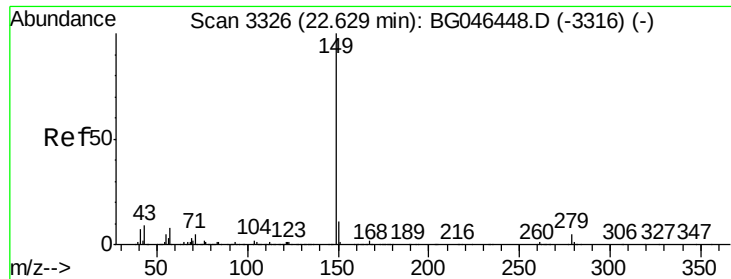
Ion	Ratio	Lower	Upper
149	100		
167	31.2	25.4	38.2
279	4.9	4.5	6.7

149 100

167 31.2 25.4 38.2

279 4.9 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 40.307 ng

RT: 22.61 min Scan# 3323

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

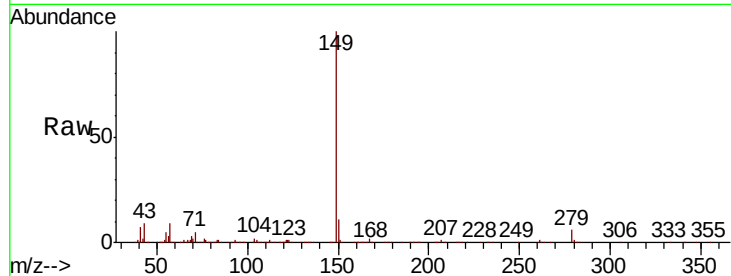
Tot Ion:149 Resp: 1099710

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.3	7.0	10.4

149 100

167 1.8 1.5 2.3

43 8.3 7.0 10.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.61

800000

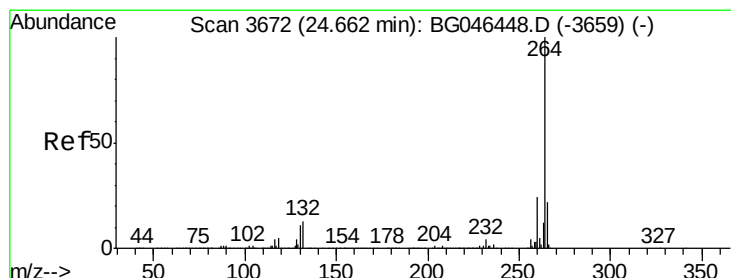
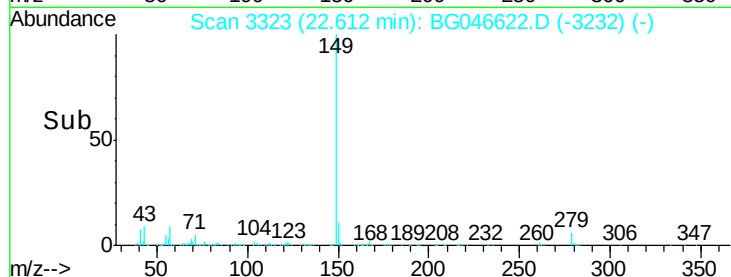
600000

400000

200000

0

Time--> 22.40 22.60 22.80



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3669

Delta R.T. 0.01 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

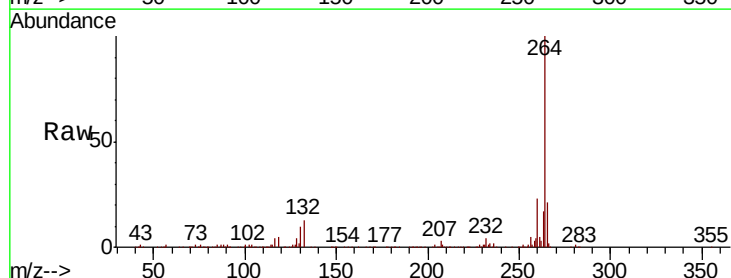
Tgt Ion:264 Resp: 467535

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.9	26.9

264 100

260 23.0 19.2 28.8

265 21.2 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.64

200000

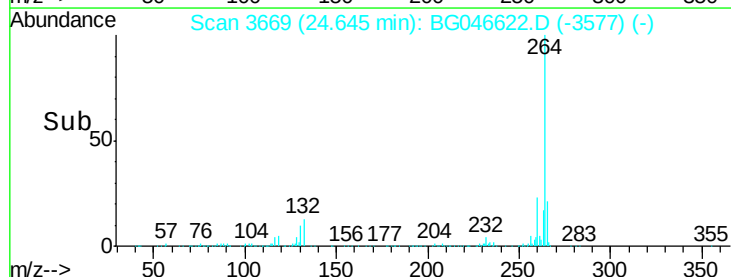
150000

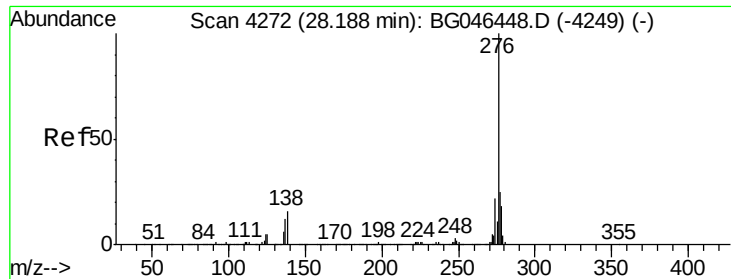
100000

50000

0

Time--> 24.50 24.60 24.70 24.80





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.980 ng

RT: 28.15 min Scan# 4266

Delta R.T. 0.01 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

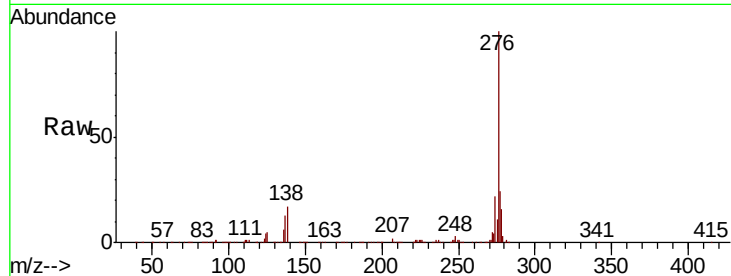
Tot Ion:276 Resp: 1376075

Ion Ratio Lower Upper

276 100

138 20.5 16.5 24.7

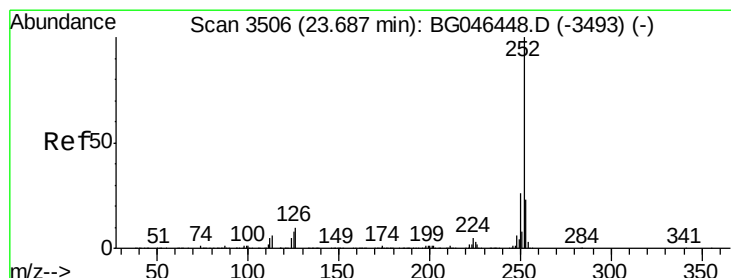
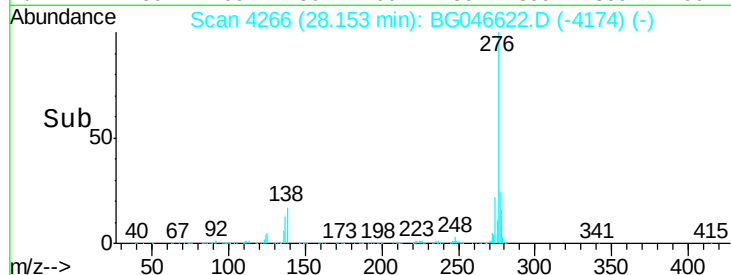
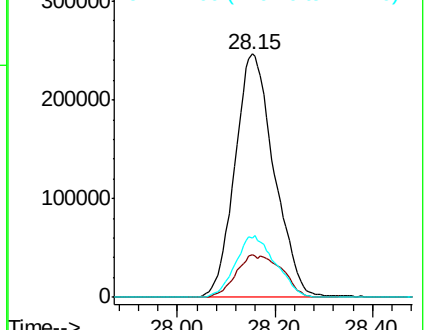
277 26.0 20.7 31.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 41.232 ng

RT: 23.66 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

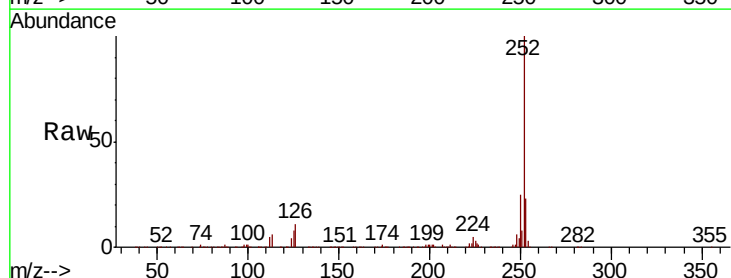
Tgt Ion:252 Resp: 1203699

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

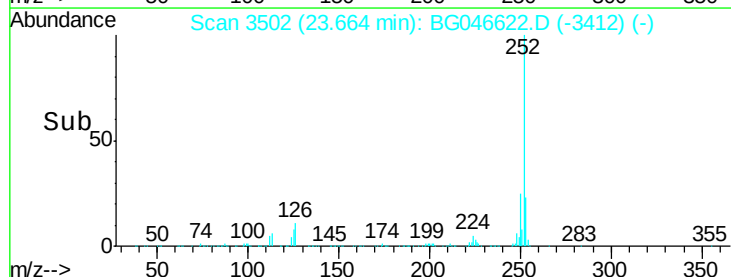
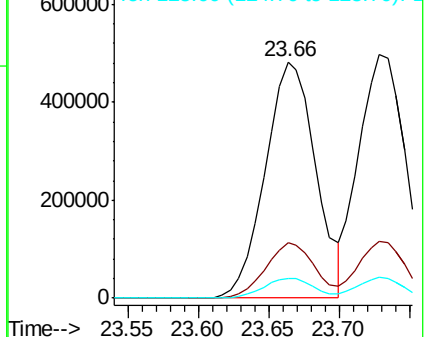
125 8.5 6.2 9.2

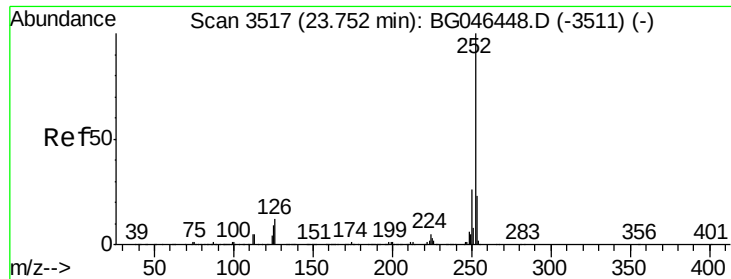


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.867 ng

RT: 23.73 min Scan# 3513

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

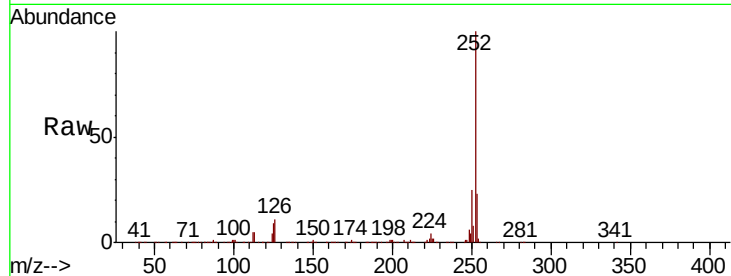
Tot Ion:252 Resp: 1153016

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

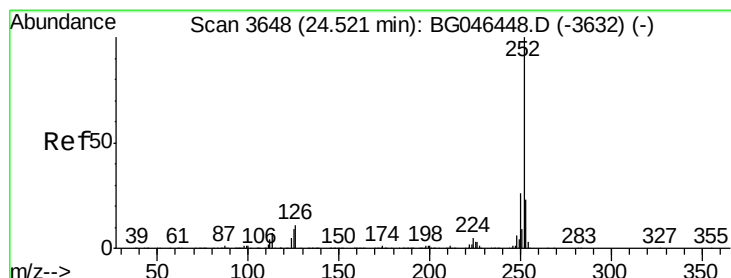
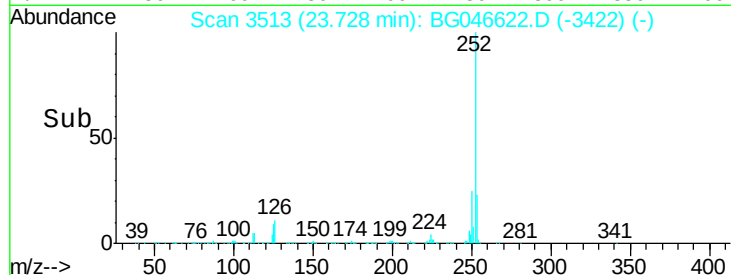
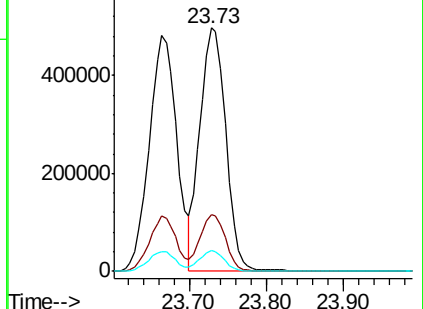
125 8.6 6.8 10.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.319 ng

RT: 24.50 min Scan# 3644

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

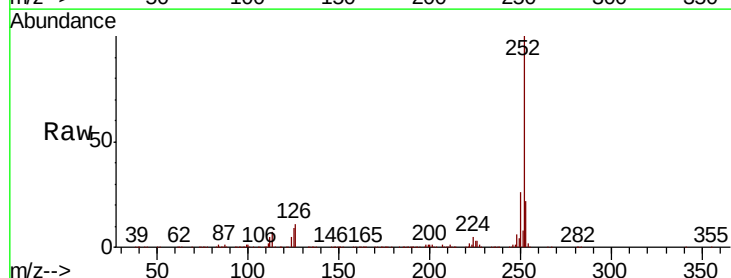
Tgt Ion:252 Resp: 1098457

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

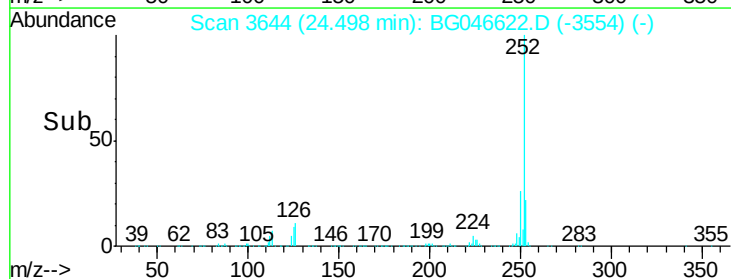
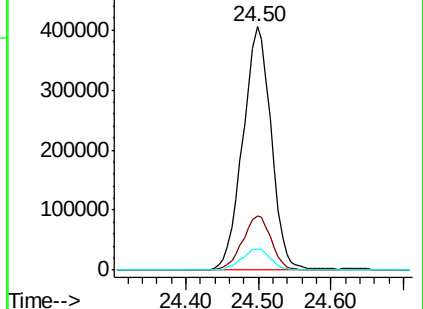
125 8.6 7.4 11.0

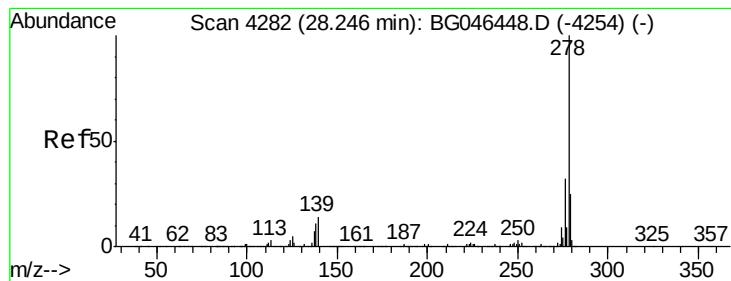


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.992 ng

RT: 28.21 min Scan# 4275

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

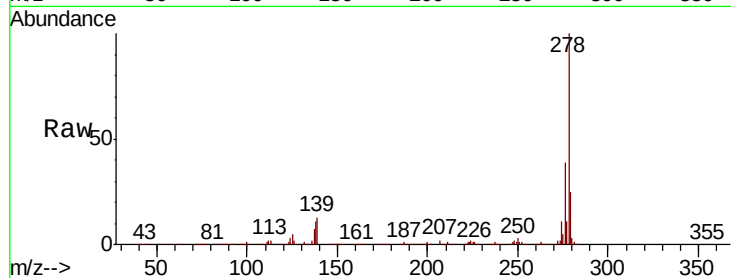
BNA_G

ClientSampleId :

PB131588BSD

Tot Ion:278 Resp: 1137890

Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.2	16.8
279	24.6	19.8	29.8

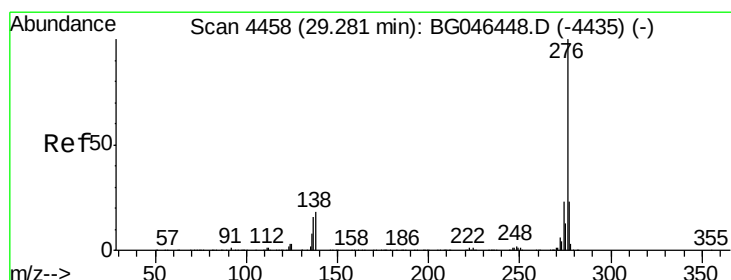
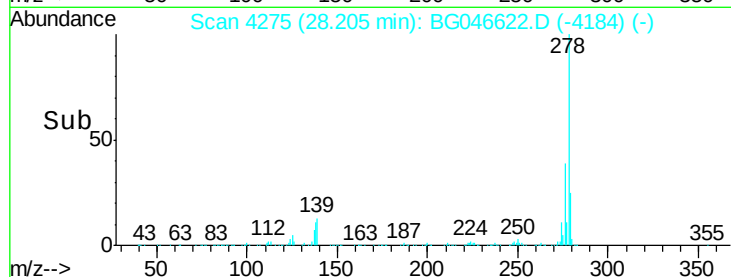
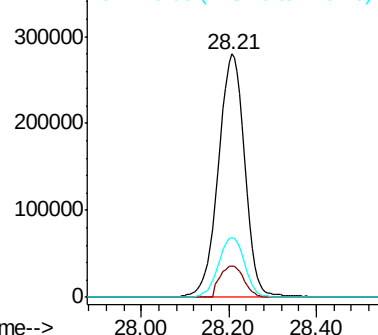


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.933 ng

RT: 29.25 min Scan# 4452

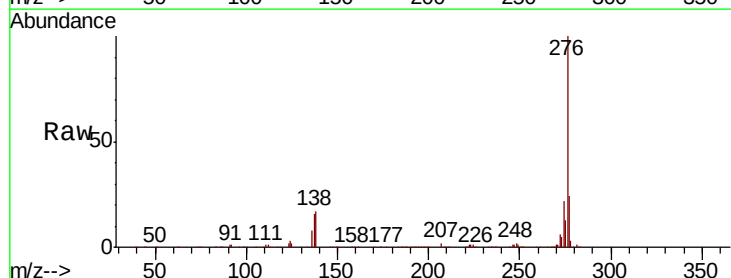
Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion:276 Resp: 1161741

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	17.2	14.7	22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

