

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048505.D
 Acq On : 25 Mar 2021 17:04
 Operator : CG/JU
 Sample : M1682-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLES

Quant Time: Mar 25 17:50:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 02:47:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	50489	20.00	ng	# 0.00
21) Naphthalene-d8	10.925	136	196547	20.00	ng	# 0.00
39) Acenaphthene-d10	14.744	164	135183	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	300790	20.00	ng	# 0.00
76) Chrysene-d12	21.783	240	299181	20.00	ng	0.00
86) Perylene-d12	25.115	264	320874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	274115	89.78	ng	0.00
7) Phenol-d6	7.259	99	365383	82.24	ng	0.00
23) Nitrobenzene-d5	9.269	82	268756	54.67	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	177194	80.60	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	523138	55.67	ng	0.00
79) Terphenyl-d14	20.097	244	826451	49.82	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.516	88	42545	33.03	ng	# 89
3) Pyridine	3.922	79	125541	34.96	ng	# 86
4) n-Nitrosodimethylamine	3.834	42	83678	40.10	ng	# 61
6) Aniline	7.418	93	97855	18.62	ng	# 91
8) 2-Chlorophenol	7.665	128	145659	45.75	ng	91
9) Benzaldehyde	7.230	77	124581	54.80	ng	82
10) Phenol	7.283	94	206764	45.42	ng	74
11) bis(2-Chloroethyl)ether	7.512	93	131440	41.21	ng	98
12) 1,3-Dichlorobenzene	7.988	146	154974	40.92	ng	# 88
13) 1,4-Dichlorobenzene	7.988	146	154974	41.22	ng	94
14) 1,2-Dichlorobenzene	8.458	146	147884	41.00	ng	95
15) Benzyl Alcohol	8.334	79	159769	40.51	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.622	45	137291	37.64	ng	87
17) 2-Methylphenol	8.546	107	127835	44.29	ng	# 86
18) Hexachloroethane	9.192	117	61289	42.38	ng	89
19) n-Nitroso-di-n-propyla...	8.904	70	124902	37.88	ng	# 97
20) 3+4-Methylphenols	8.869	107	174891	44.23	ng	86
22) Acetophenone	8.928	105	223796	40.49	ng	# 92
24) Nitrobenzene	9.310	77	196470	37.31	ng	# 83
25) Isophorone	9.833	82	336032	35.71	ng	# 91
26) 2-Nitrophenol	10.026	139	80410	40.17	ng	# 69
27) 2,4-Dimethylphenol	10.079	122	144126	46.14	ng	91
28) bis(2-Chloroethoxy)met...	10.320	93	181381	42.53	ng	# 97
29) 2,4-Dichlorophenol	10.567	162	148876	41.08	ng	96
30) 1,2,4-Trichlorobenzene	10.779	180	161360	36.83	ng	94
31) Naphthalene	10.972	128	426099	39.10	ng	98
32) Benzoic acid	10.220	122	108692	44.72	ng	# 86
33) 4-Chloroaniline	11.078	127	45511	9.77	ng	# 86
34) Hexachlorobutadiene	11.254	225	117535	33.84	ng	97
35) Caprolactam	11.854	113	34526	26.68	ng	# 84
36) 4-Chloro-3-methylphenol	12.200	107	171295	40.71	ng	86
37) 2-Methylnaphthalene	12.576	142	326621	39.27	ng	# 93
38) 1-Methylnaphthalene	12.576	142	326621	41.75	ng	94
40) 1,2,4,5-Tetrachloroben...	12.941	216	185052	37.49	ng	# 94
41) Hexachlorocyclopentadiene	12.917	237	242131	75.87	ng	96
43) 2,4,6-Trichlorophenol	13.176	196	132321	39.55	ng	99

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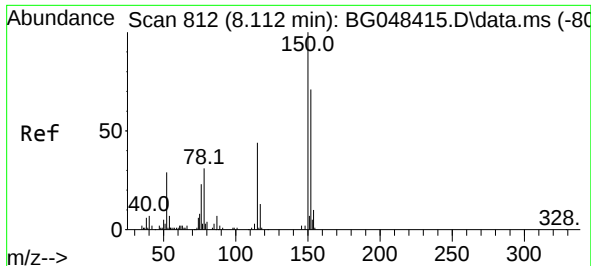
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.252	196	143514	38.97	ng	#	92
46) 1,1'-Biphenyl	13.575	154	419395	43.23	ng		96
47) 2-Chloronaphthalene	13.622	162	325649	41.63	ng		95
48) 2-Nitroaniline	13.816	65	122395	42.27	ng	#	79
49) Acenaphthylene	14.468	152	537627	42.45	ng		99
50) Dimethylphthalate	14.192	163	434703	39.51	ng		97
51) 2,6-Dinitrotoluene	14.310	165	89543	37.82	ng	#	56
52) Acenaphthene	14.809	154	326713	38.38	ng		97
53) 3-Nitroaniline	14.639	138	37111	16.37	ng	#	72
54) 2,4-Dinitrophenol	14.844	184	120097	83.10	ng	#	55
55) Dibenzofuran	15.144	168	498581	39.32	ng		93
56) 4-Nitrophenol	14.950	139	164315	80.99	ng	#	40
57) 2,4-Dinitrotoluene	15.097	165	132142	39.30	ng	#	69
58) Fluorene	15.790	166	403291	37.90	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.367	232	129765	35.71	ng	#	86
60) Diethylphthalate	15.549	149	443041	41.19	ng		95
61) 4-Chlorophenyl-phenyle...	15.779	204	228762	37.37	ng		91
62) 4-Nitroaniline	15.808	138	86622	34.88	ng	#	44
63) Azobenzene	16.072	77	442552	37.81	ng		86
65) 4,6-Dinitro-2-methylph...	15.861	198	77119	40.71	ng	#	75
66) n-Nitrosodiphenylamine	15.996	169	368889	42.33	ng		98
67) 4-Bromophenyl-phenylether	16.678	248	148401	39.17	ng	#	93
68) Hexachlorobenzene	16.795	284	166847	41.10	ng	#	93
69) Atrazine	16.942	200	157397	44.91	ng		96
70) Pentachlorophenol	17.142	266	221242	81.99	ng		95
71) Phenanthrene	17.535	178	695752	43.79	ng		97
72) Anthracene	17.629	178	679764	43.12	ng		99
73) Carbazole	17.894	167	623060	41.45	ng		98
74) Di-n-butylphthalate	18.446	149	733478	44.08	ng	#	97
75) Fluoranthene	19.545	202	874758	41.35	ng		96
77) Benzidine	19.721	184	294273	32.84	ng		99
78) Pyrene	19.909	202	884363	43.04	ng		96
80) Butylbenzylphthalate	20.784	149	342670	46.92	ng		87
81) Benzo(a)anthracene	21.766	228	884101	42.61	ng		99
82) 3,3'-Dichlorobenzidine	21.678	252	162395	21.69	ng	#	93
83) Chrysene	21.836	228	818971	41.17	ng		98
84) Bis(2-ethylhexyl)phtha...	21.660	149	493914	48.95	ng		95
85) Di-n-octyl phthalate	22.917	149	846466	50.10	ng		96
87) Indeno(1,2,3-cd)pyrene	28.934	276	1040248	42.51	ng	#	88
88) Benzo(b)fluoranthene	24.057	252	940648	41.60	ng	#	96
89) Benzo(k)fluoranthene	24.128	252	849094	39.80	ng	#	96
90) Benzo(a)pyrene	24.962	252	822058	39.87	ng	#	95
91) Dibenzo(a,h)anthracene	29.010	278	850554	40.75	ng	#	95
92) Benzo(g,h,i)perylene	30.132	276	855400	42.23	ng	#	93

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

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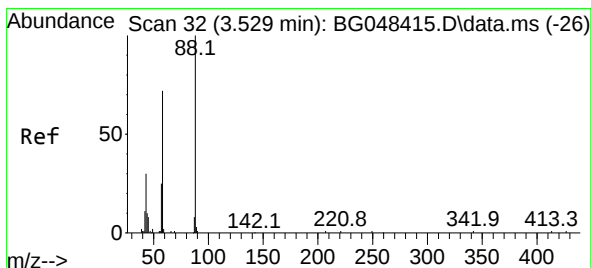
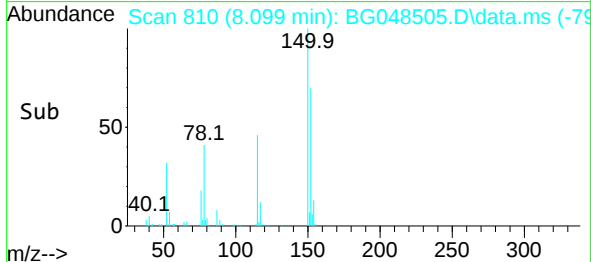
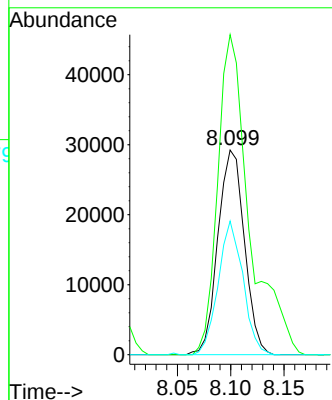
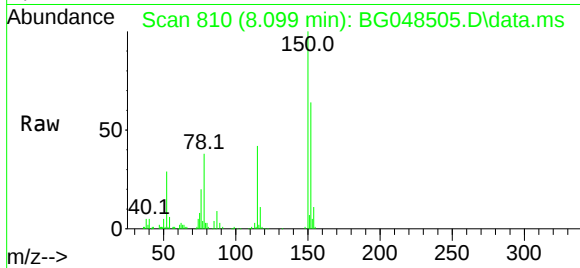




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.099 min Scan# 810
Delta R.T. -0.004 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

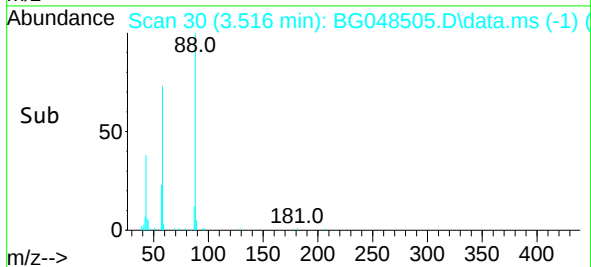
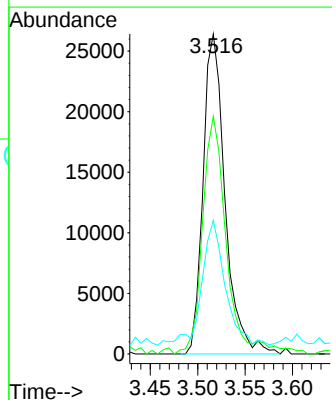
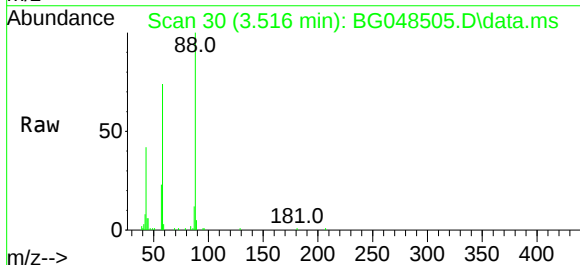
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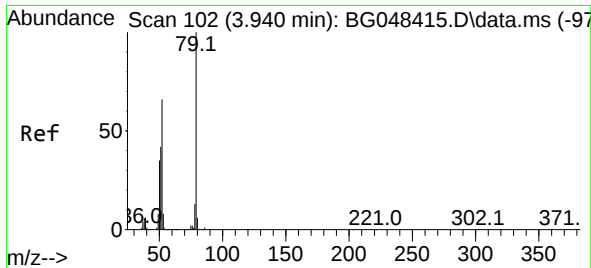
Tgt Ion:152 Resp: 50489
Ion Ratio Lower Upper
152 100
150 156.3 125.0 187.6
115 65.3 41.8 62.6#



#2
1,4-Dioxane
Concen: 33.03 ng
RT: 3.516 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion: 88 Resp: 42545
Ion Ratio Lower Upper
88 100
58 80.7 61.6 92.4
43 42.1 21.3 31.9#

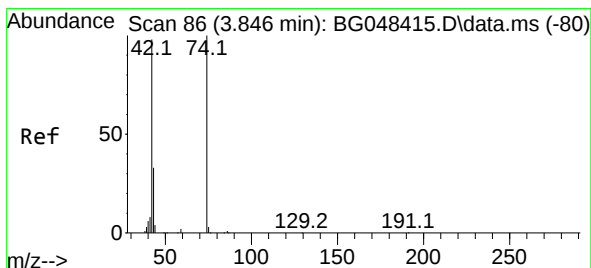
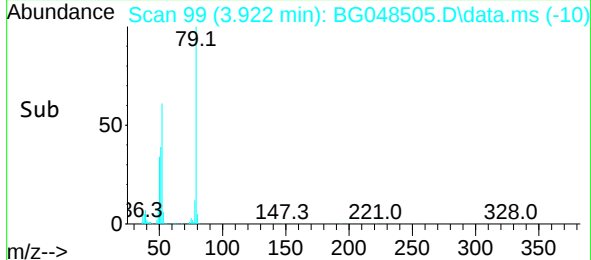
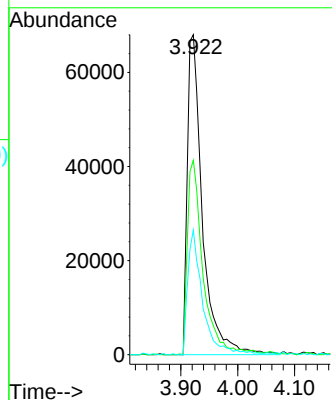
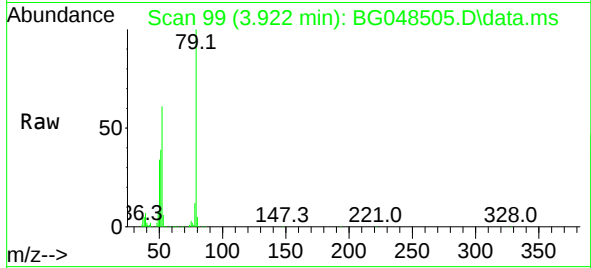




#3
Pyridine
Concen: 34.96 ng
RT: 3.922 min Scan# 99
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

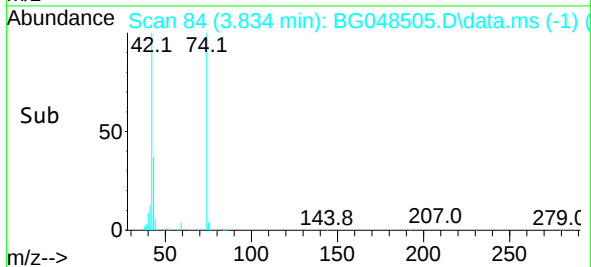
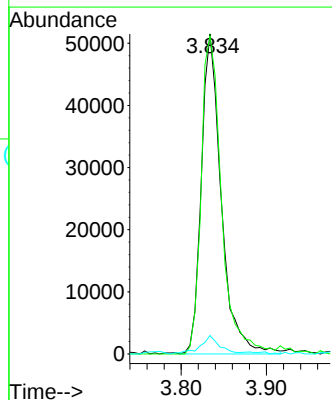
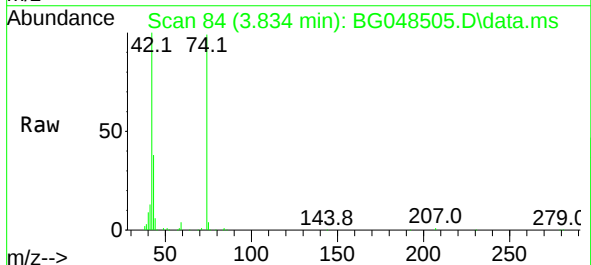
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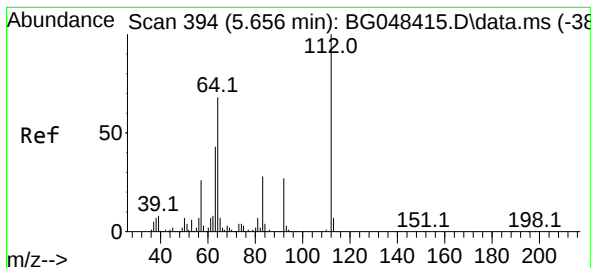
Tgt Ion: 79 Resp: 125541
Ion Ratio Lower Upper
79 100
52 60.8 61.3 91.9#
51 38.9 28.4 42.6



#4
n-Nitrosodimethylamine
Concen: 40.10 ng
RT: 3.834 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion: 42 Resp: 83678
Ion Ratio Lower Upper
42 100
74 99.4 120.4 180.6#
44 5.7 6.2 9.2#

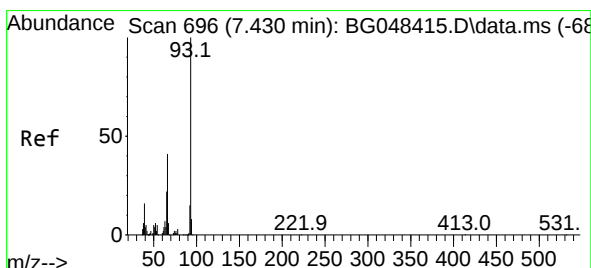
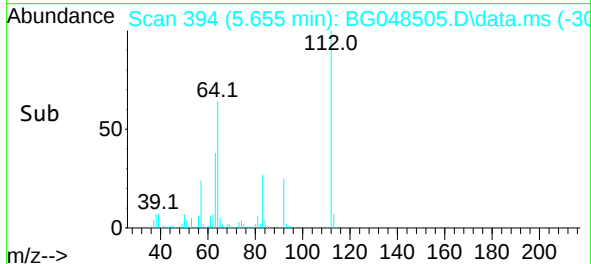
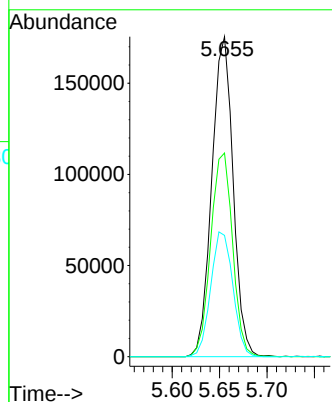
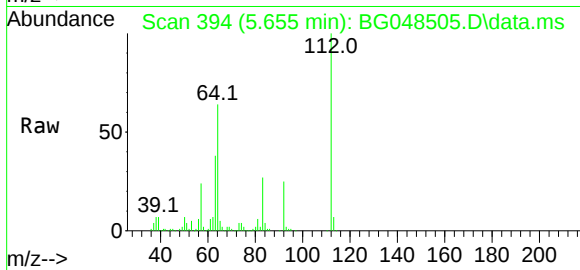




#5
2-Fluorophenol
Concen: 89.78 ng
RT: 5.655 min Scan# 394
Delta R.T. 0.008 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

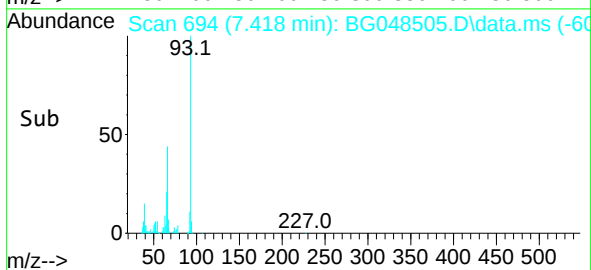
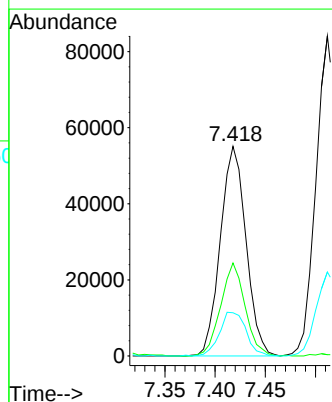
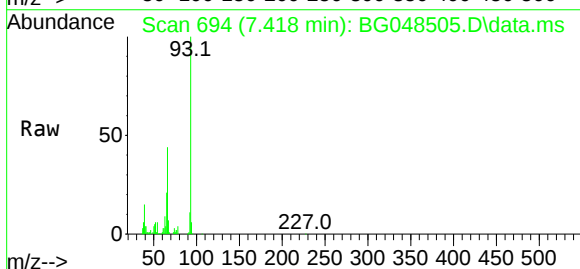
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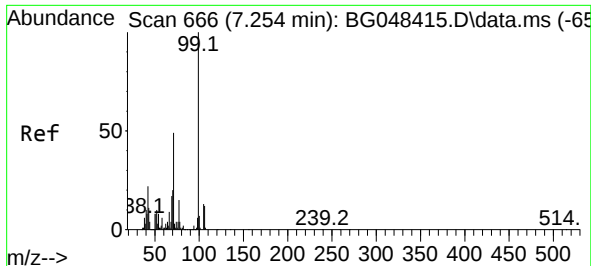
Tgt Ion:112 Resp: 274115
Ion Ratio Lower Upper
112 100
64 63.6 46.7 70.1
63 37.9 22.8 34.2#



#6
Aniline
Concen: 18.62 ng
RT: 7.418 min Scan# 694
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion: 93 Resp: 97855
Ion Ratio Lower Upper
93 100
66 44.4 29.5 44.3#
65 20.6 15.5 23.3

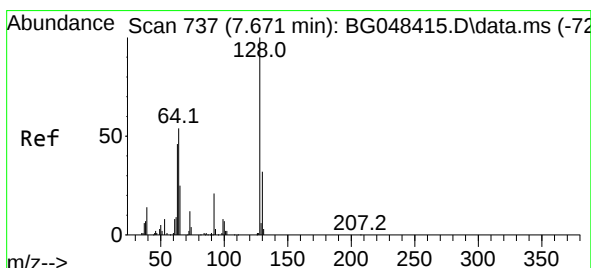
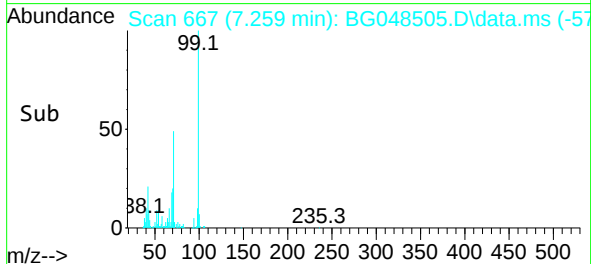
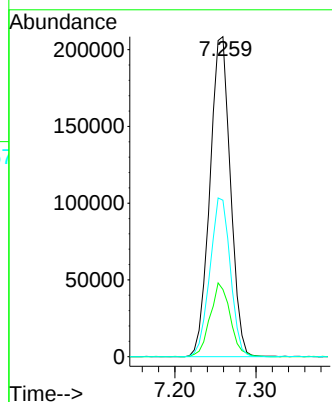
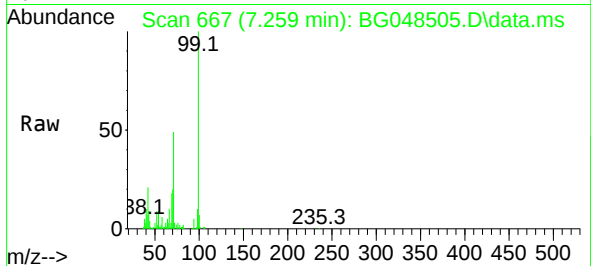




#7
Phenol-d6
Concen: 82.24 ng
RT: 7.259 min Scan# 667
Delta R.T. 0.008 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

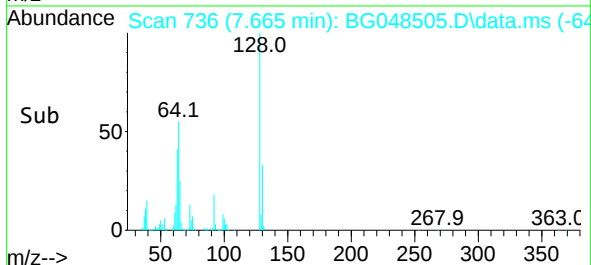
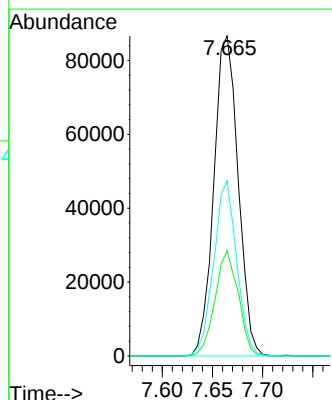
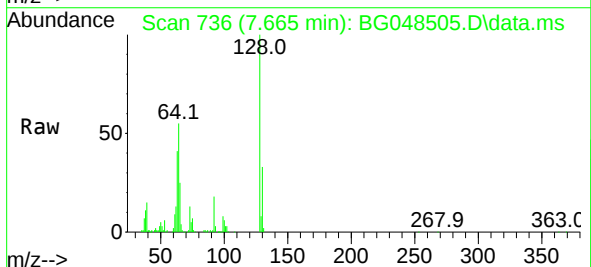
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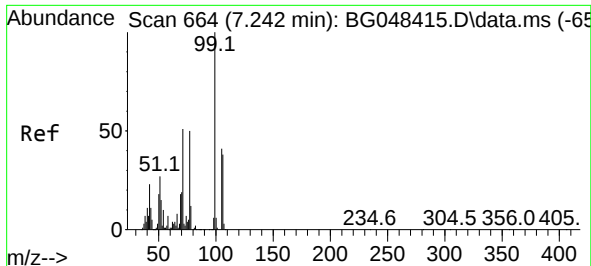
Tgt Ion: 99 Resp: 365383
Ion Ratio Lower Upper
99 100
42 21.0 12.8 19.2#
71 48.9 24.6 36.8#



#8
2-Chlorophenol
Concen: 45.75 ng
RT: 7.665 min Scan# 736
Delta R.T. 0.003 min
Lab File: BG048505.D
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Tgt Ion: 128 Resp: 145659
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 54.7 24.8 64.8

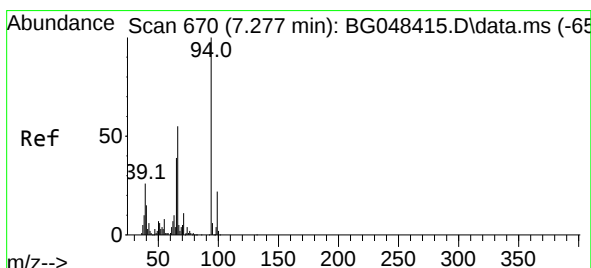
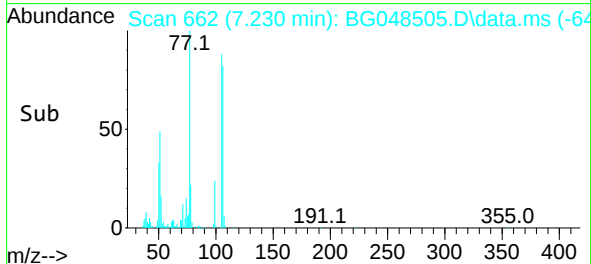
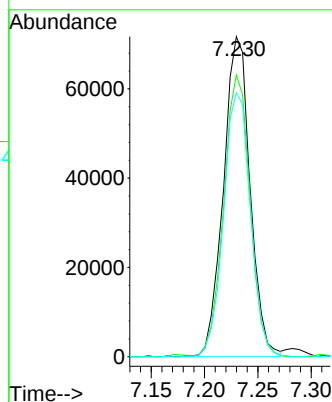
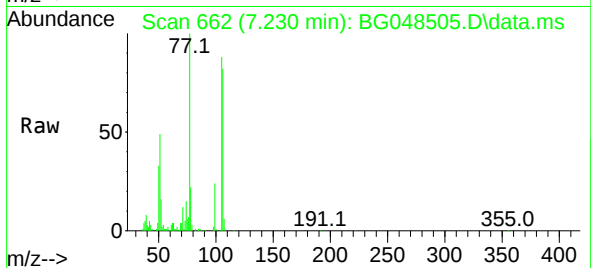




#9
Benzaldehyde
Concen: 54.80 ng
RT: 7.230 min Scan# 662
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

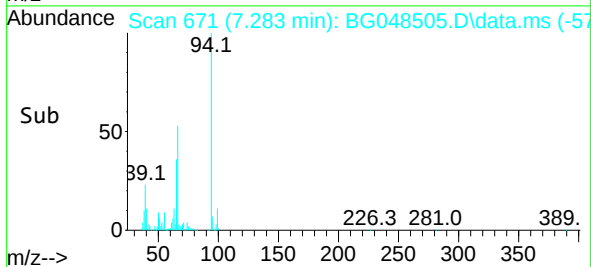
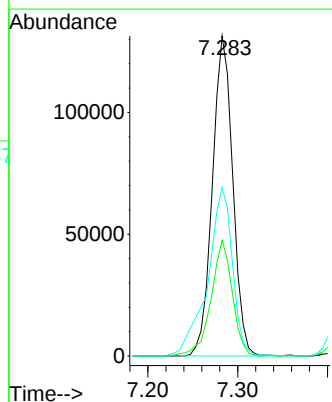
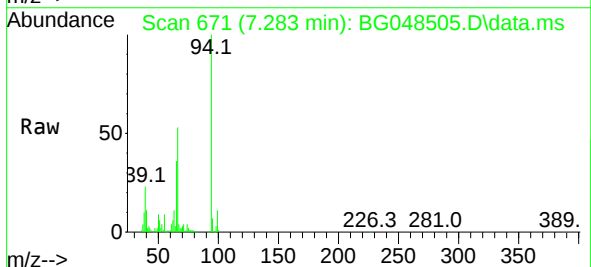
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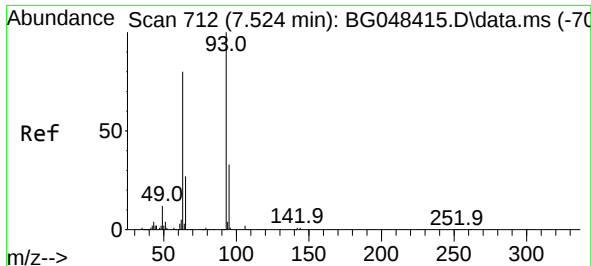
Tgt Ion: 77 Resp: 124581
Ion Ratio Lower Upper
77 100
105 88.0 85.9 125.9
106 82.5 80.9 120.9



#10
Phenol
Concen: 45.42 ng
RT: 7.283 min Scan# 671
Delta R.T. 0.008 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion: 94 Resp: 206764
Ion Ratio Lower Upper
94 100
65 36.2 6.6 46.6
66 52.6 13.9 53.9

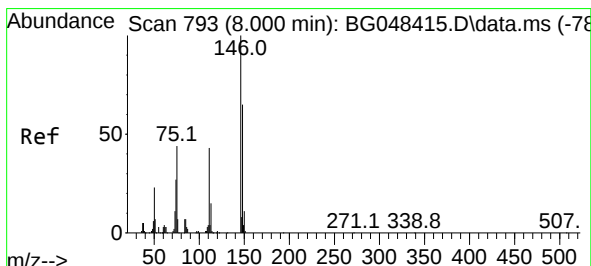
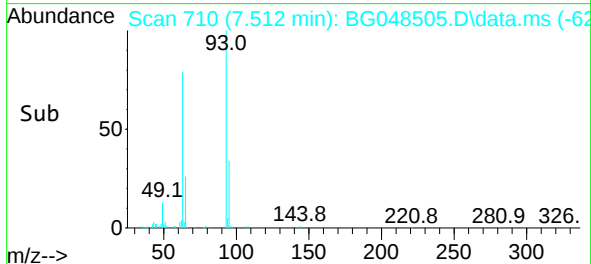
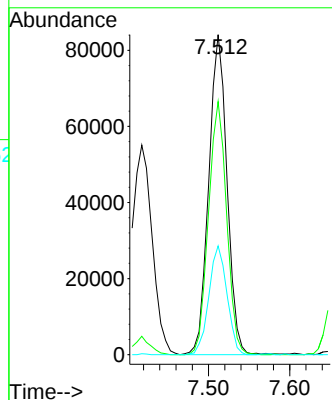
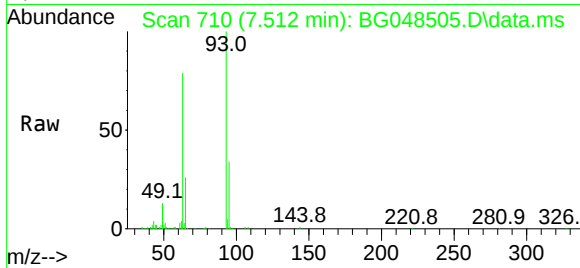




#11
bis(2-Chloroethyl)ether
Concen: 41.21 ng
RT: 7.512 min Scan# 710
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

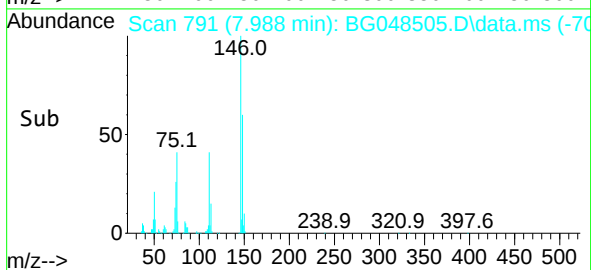
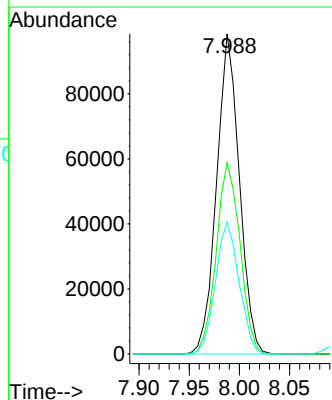
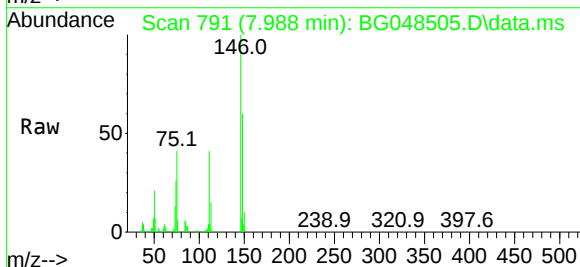
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

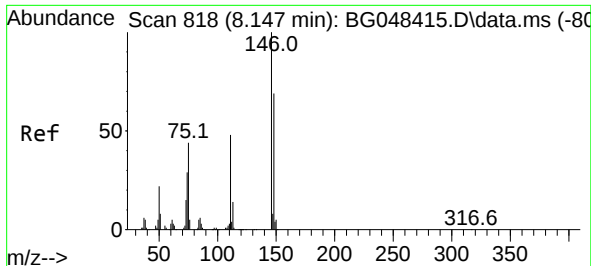
Tgt Ion: 93 Resp: 131440
Ion Ratio Lower Upper
93 100
63 79.1 56.4 96.4
95 34.0 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 40.92 ng
RT: 7.988 min Scan# 791
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:146 Resp: 154974
Ion Ratio Lower Upper
146 100
148 59.8 50.1 75.1
75 41.1 20.1 30.1#

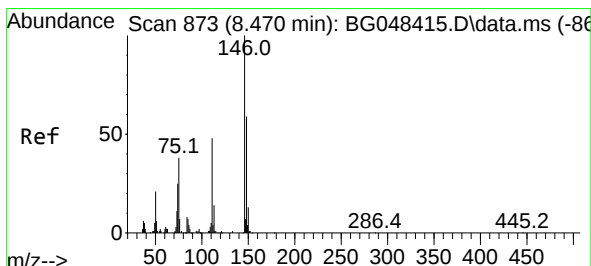
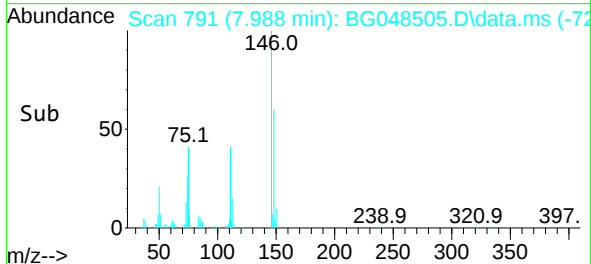
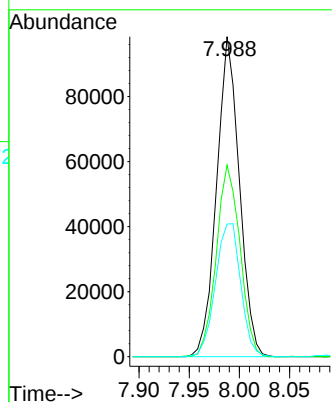
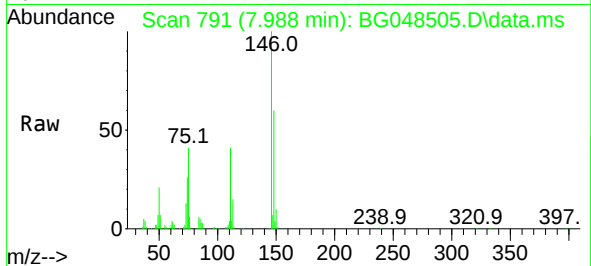




#13
1,4-Dichlorobenzene
Concen: 41.22 ng
RT: 7.988 min Scan# 791
Delta R.T. -0.150 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

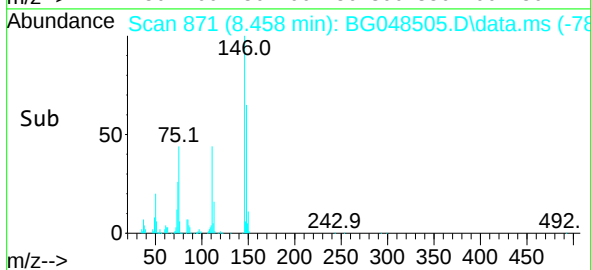
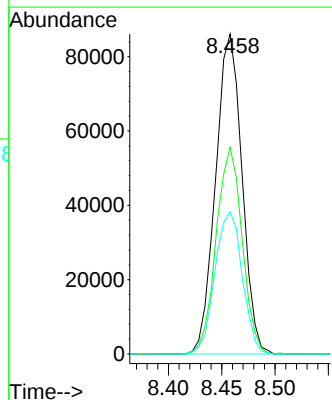
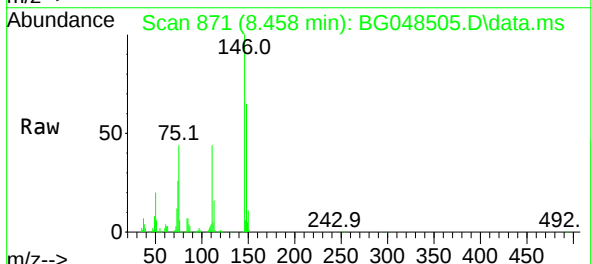
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

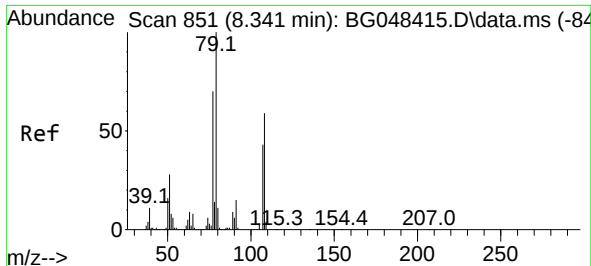
Tgt Ion:146 Resp: 154974
Ion Ratio Lower Upper
146 100
148 59.8 51.1 76.7
111 41.4 29.7 44.5



#14
1,2-Dichlorobenzene
Concen: 41.00 ng
RT: 8.458 min Scan# 871
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:146 Resp: 147884
Ion Ratio Lower Upper
146 100
148 64.6 53.0 79.6
111 44.4 30.7 46.1

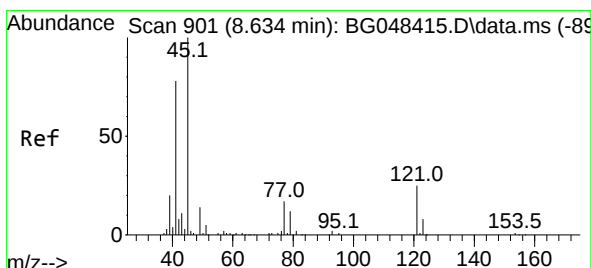
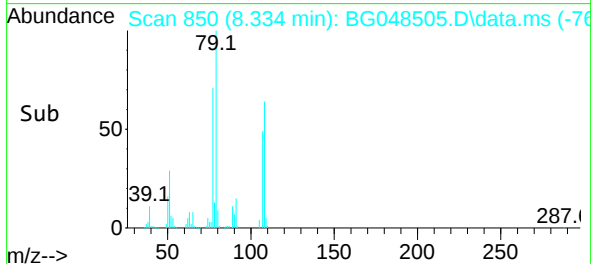
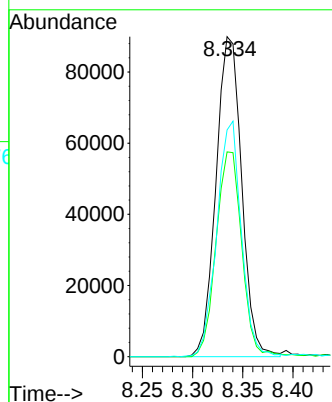
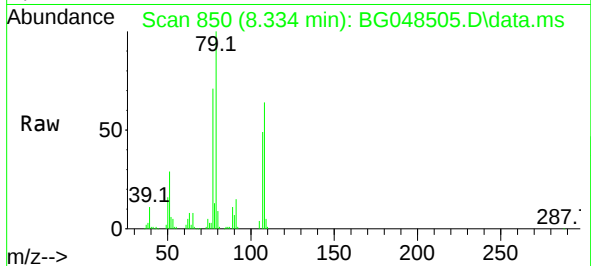




#15
Benzyl Alcohol
Concen: 40.51 ng
RT: 8.334 min Scan# 850
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

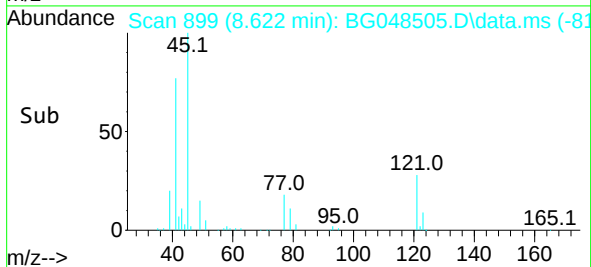
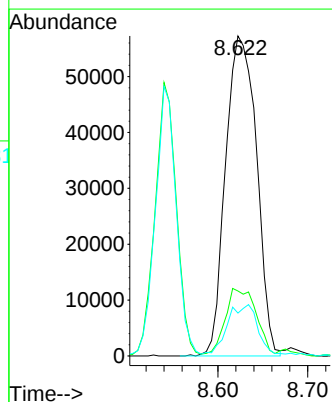
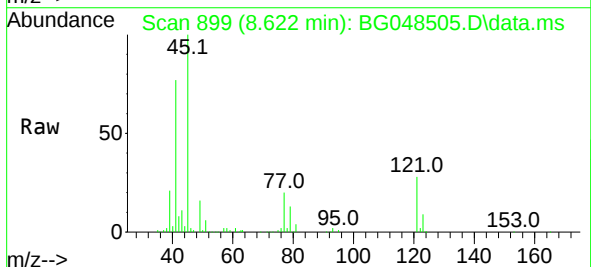
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

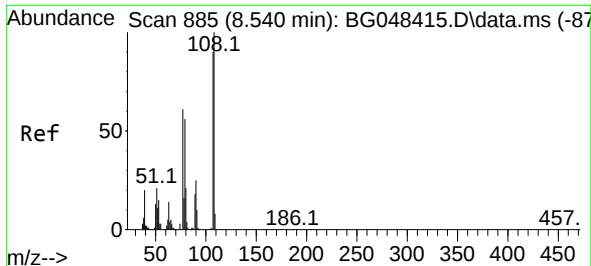
Tgt Ion: 79 Resp: 159769
Ion Ratio Lower Upper
79 100
108 64.0 65.5 98.3#
77 70.9 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.64 ng
RT: 8.622 min Scan# 899
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion: 45 Resp: 137291
Ion Ratio Lower Upper
45 100
77 20.3 0.0 33.4
79 13.4 0.0 30.8

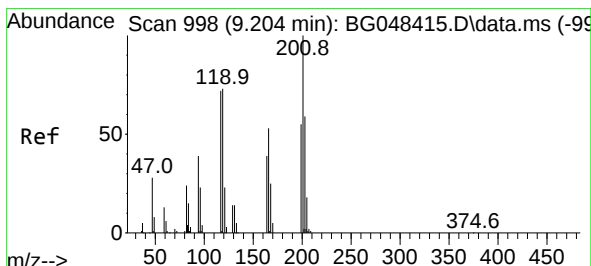
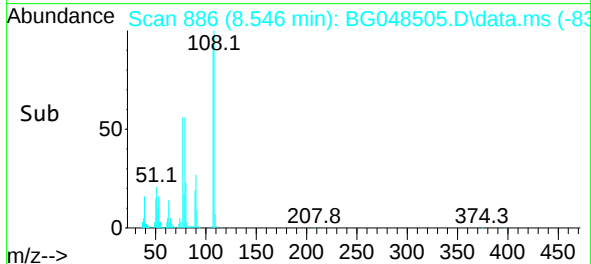
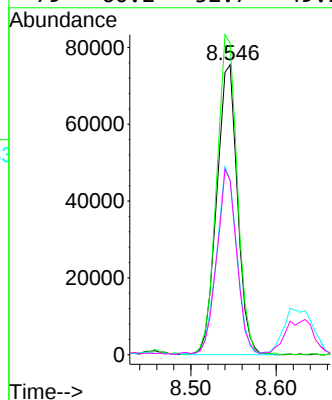
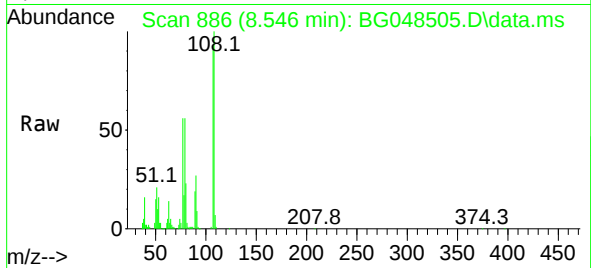




#17
2-Methylphenol
Concen: 44.29 ng
RT: 8.546 min Scan# 886
Delta R.T. 0.008 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

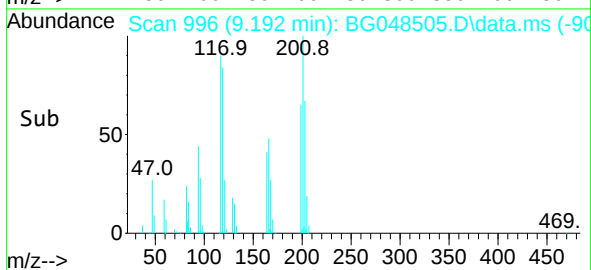
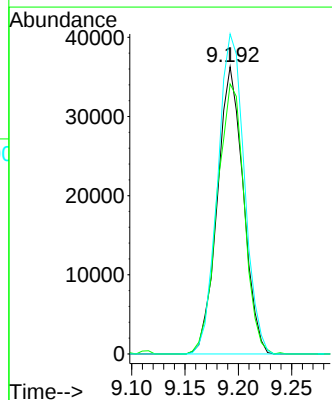
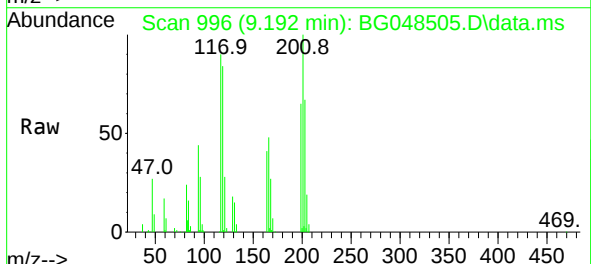
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMS

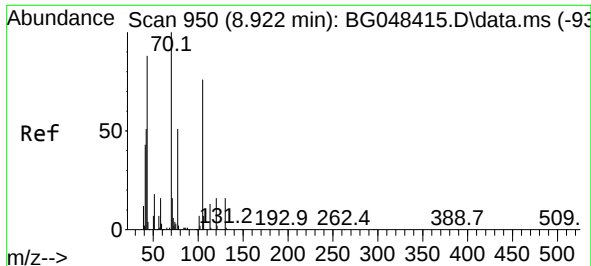
Tgt Ion:	107	Resp:	127835
Ion Ratio	Lower	Upper	
107	100		
108	107.5	87.2	130.8
77	60.2	33.8	50.8#
79	60.2	32.7	49.1#



#18
Hexachloroethane
Concen: 42.38 ng
RT: 9.192 min Scan# 996
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:	117	Resp:	61289
Ion Ratio	Lower	Upper	
117	100		
119	94.0	77.5	116.3
201	111.4	104.9	157.3



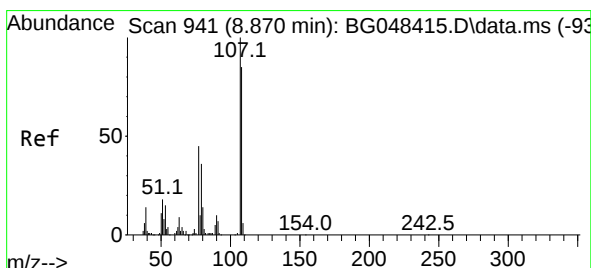
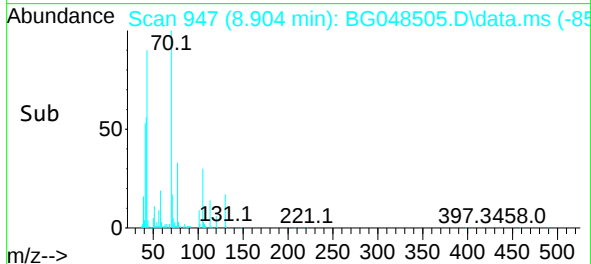
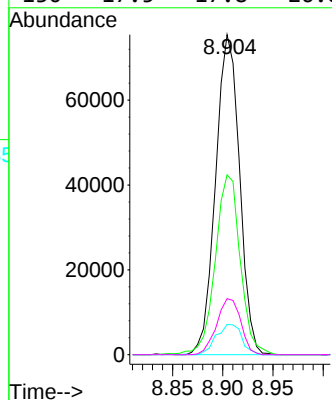
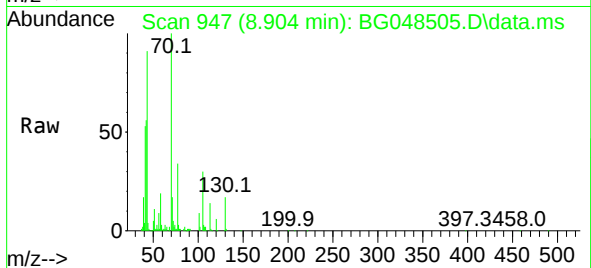


#19

n-Nitroso-di-n-propylamine
 Concen: 37.88 ng
 RT: 8.904 min Scan# 947
 Delta R.T. -0.009 min
 Lab File: BG048505.D
 Acq: 25 Mar 2021 17:04

Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLES

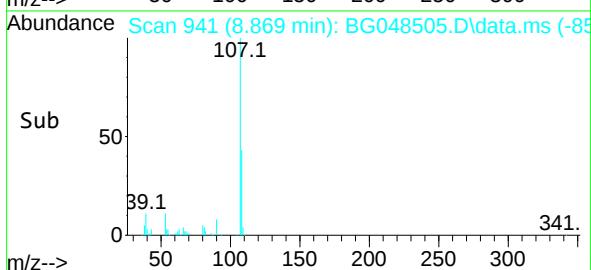
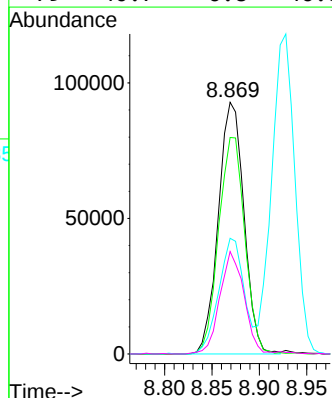
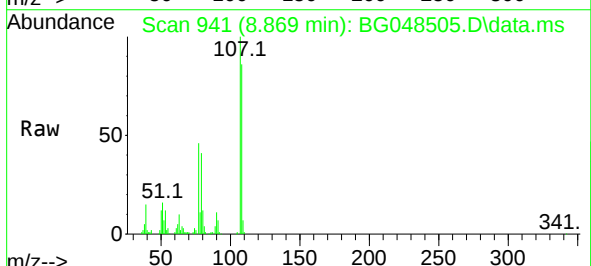
Tgt Ion:	70	Resp:	124902
Ion	Ratio	Lower	Upper
70	100		
42	56.2	45.6	68.4
101	9.5	8.4	12.6
130	17.5	17.8	26.8

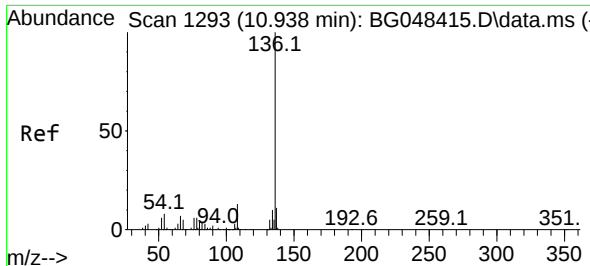


#20

3+4-Methylphenols
 Concen: 44.23 ng
 RT: 8.869 min Scan# 941
 Delta R.T. -0.003 min
 Lab File: BG048505.D
 Acq: 25 Mar 2021 17:04

Tgt Ion:	107	Resp:	174891
Ion	Ratio	Lower	Upper
107	100		
108	86.0	70.6	110.6
77	45.9	10.2	50.2
79	40.7	6.8	46.8

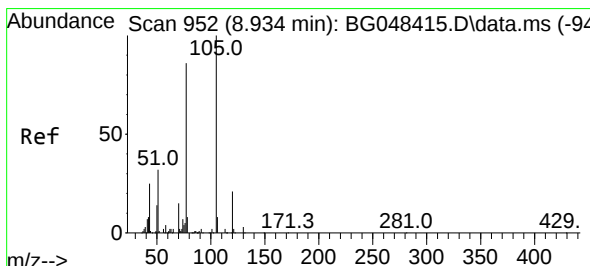
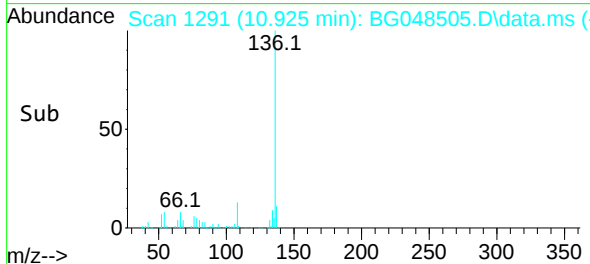
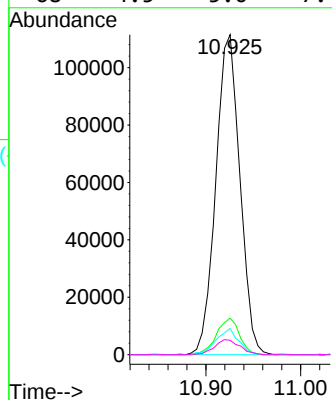
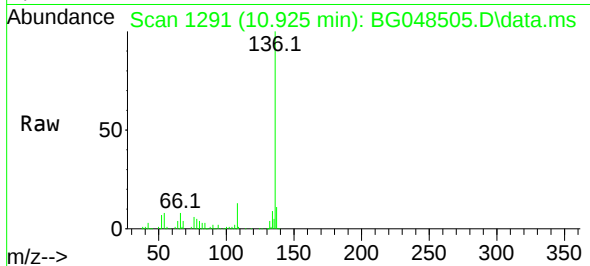




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.925 min Scan# 1291
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

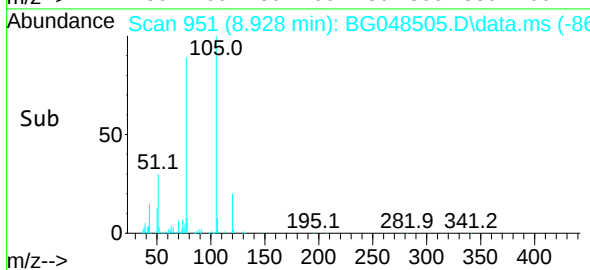
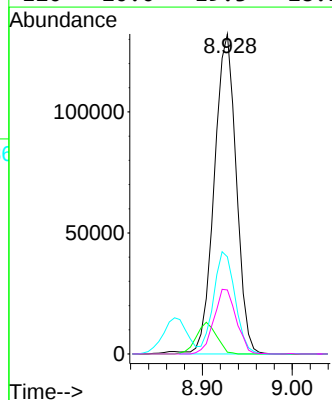
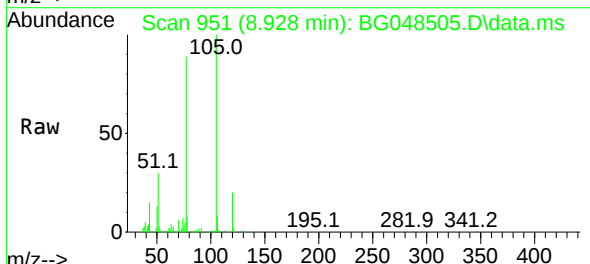
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

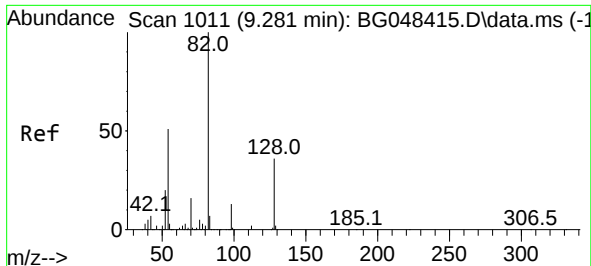
Tgt Ion:	136	Resp:	196547
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	8.2	6.2	9.4
68	4.5	5.0	7.4



#22
Acetophenone
Concen: 40.49 ng
RT: 8.928 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:	105	Resp:	223796
Ion Ratio	Lower	Upper	
105	100		
71	0.6	2.7	4.1
51	30.4	21.0	31.6
120	20.0	19.3	28.9





#23

Nitrobenzene-d5

Concen: 54.67 ng

RT: 9.269 min Scan# 1009

Delta R.T. -0.003 min

Lab File: BG048505.D

Acq: 25 Mar 2021 17:04

Tgt Ion: 82 Resp: 268756

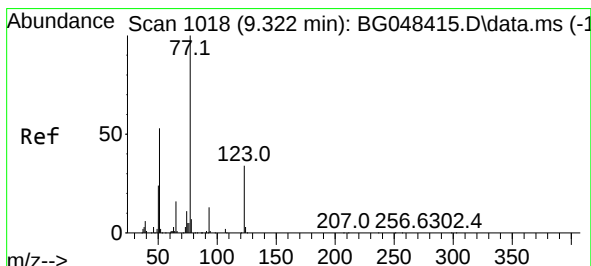
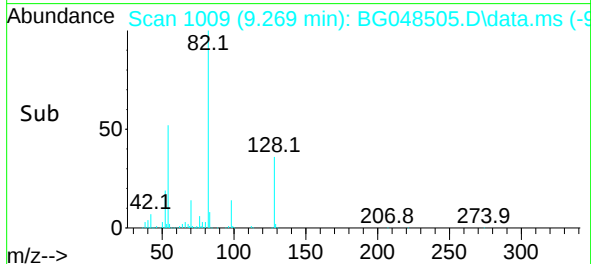
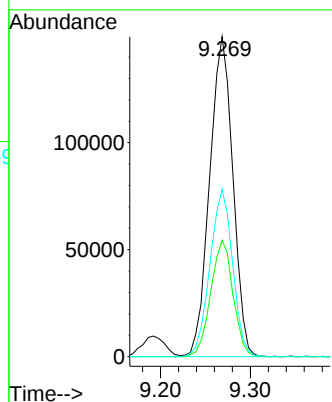
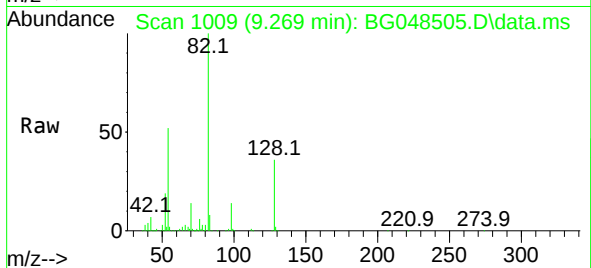
Ion	Ratio	Lower	Upper
82	100		
128	36.4	37.0	55.6#
54	52.3	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

SP-MANHOLES



#24

Nitrobenzene

Concen: 37.31 ng

RT: 9.310 min Scan# 1016

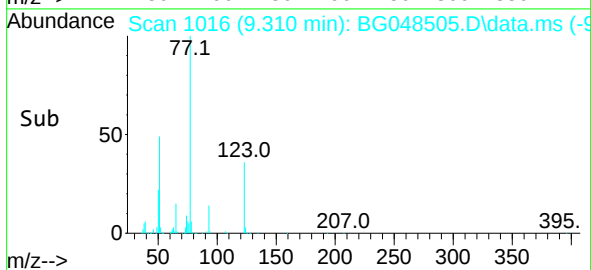
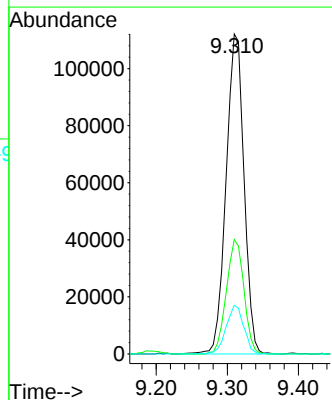
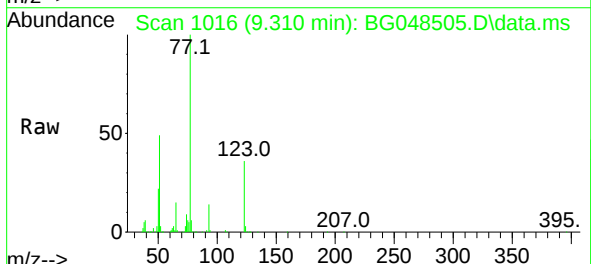
Delta R.T. -0.003 min

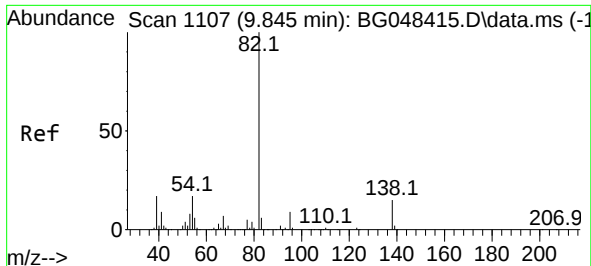
Lab File: BG048505.D

Acq: 25 Mar 2021 17:04

Tgt Ion: 77 Resp: 196470

Ion	Ratio	Lower	Upper
77	100		
123	35.8	39.7	59.5#
65	15.2	10.4	15.6

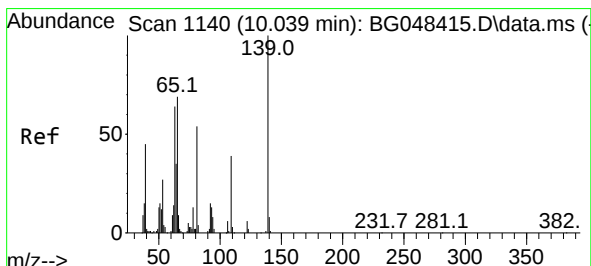
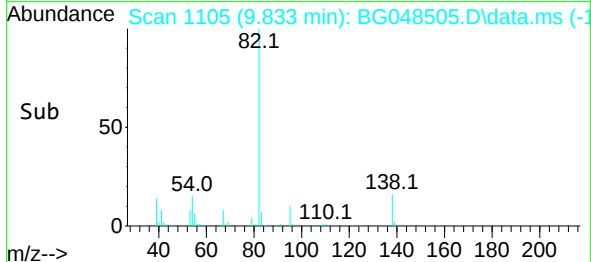
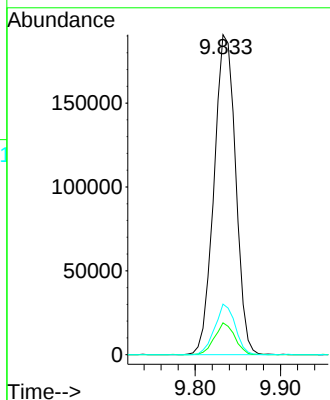
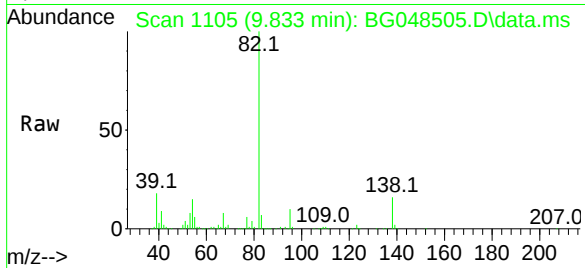




#25
Isophorone
Concen: 35.71 ng
RT: 9.833 min Scan# 1105
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

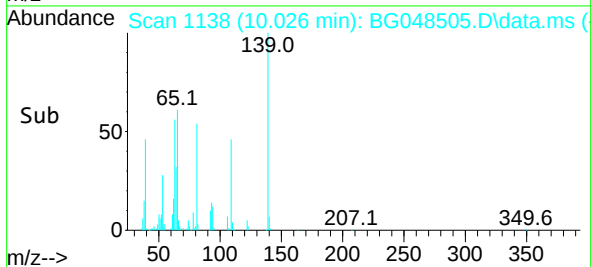
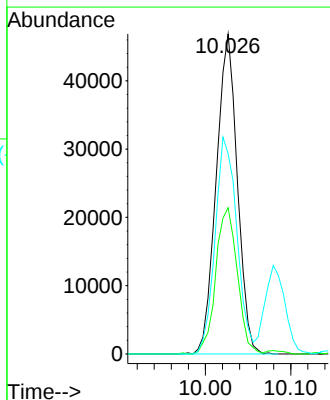
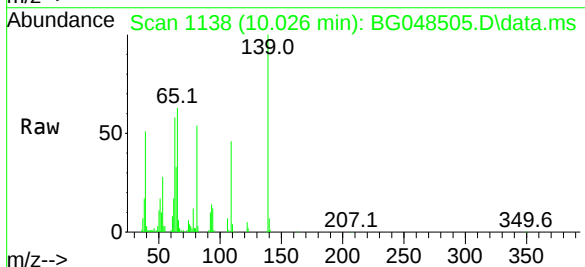
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

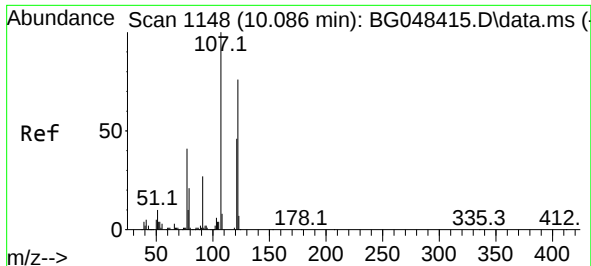
Tgt Ion: 82 Resp: 336032
Ion Ratio Lower Upper
82 100
95 9.9 5.6 8.4#
138 15.8 15.8 23.6



#26
2-Nitrophenol
Concen: 40.17 ng
RT: 10.026 min Scan# 1138
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion: 139 Resp: 80410
Ion Ratio Lower Upper
139 100
109 45.7 20.7 31.1#
65 62.6 36.1 54.1#

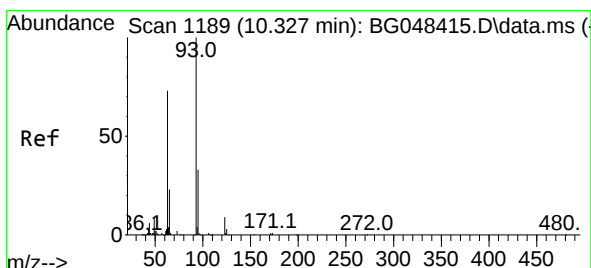
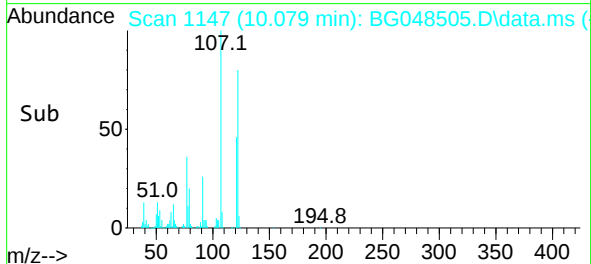
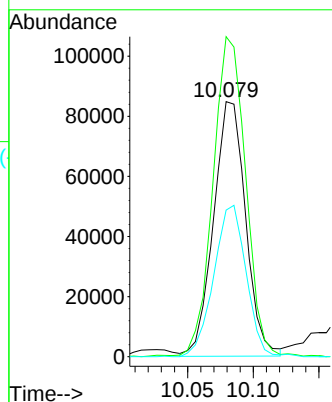
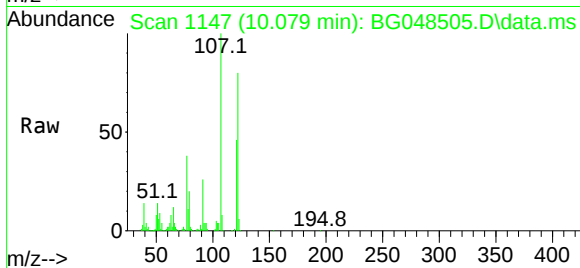




#27
2,4-Dimethylphenol
Concen: 46.14 ng
RT: 10.079 min Scan# 1147
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

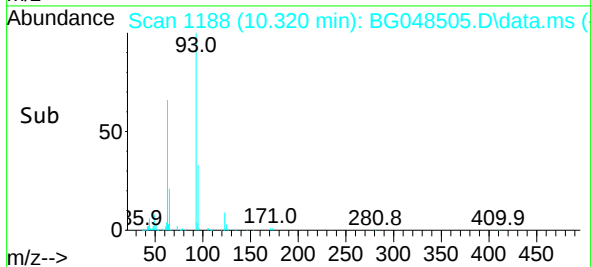
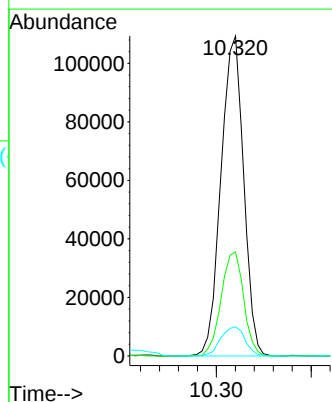
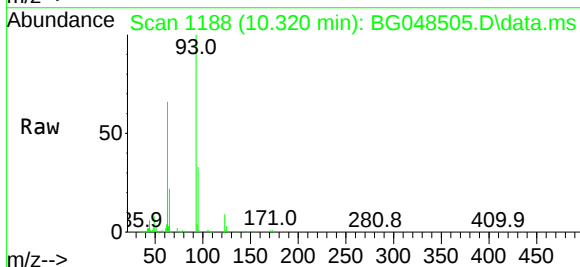
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ClientSampleId :
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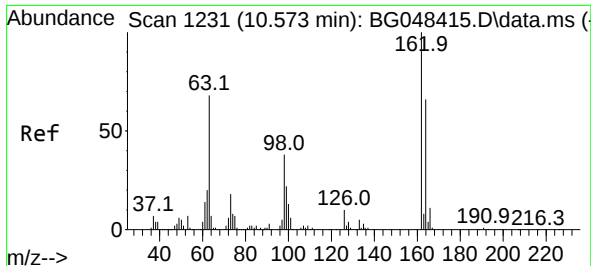
Tgt Ion:122 Resp: 144126
Ion Ratio Lower Upper
122 100
107 125.4 89.2 133.8
121 57.5 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.53 ng
RT: 10.320 min Scan# 1188
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion: 93 Resp: 181381
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 9.1 9.4 14.0#

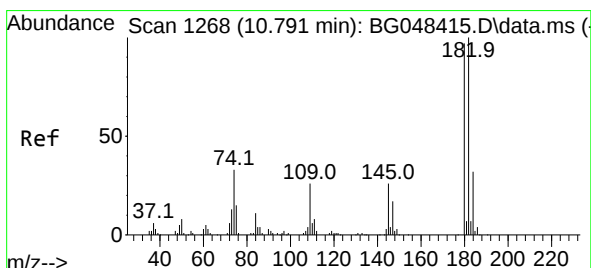
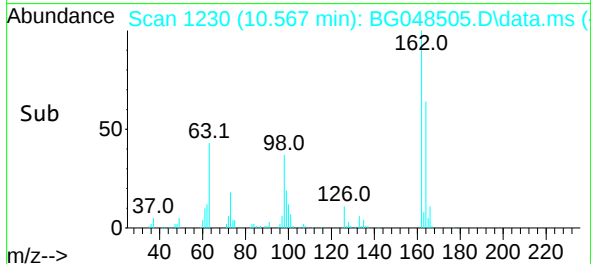
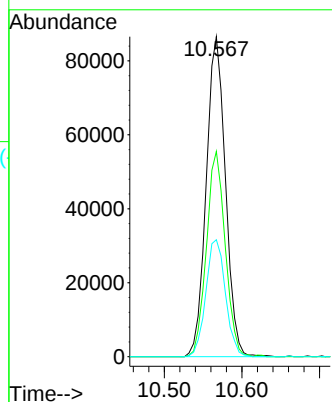
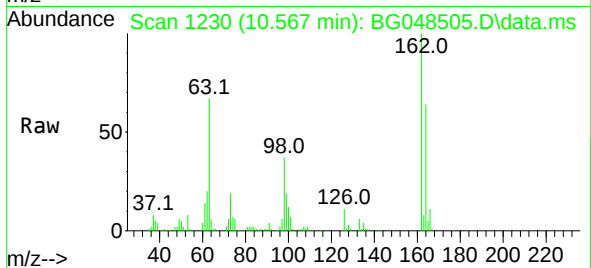




#29
2,4-Dichlorophenol
Concen: 41.08 ng
RT: 10.567 min Scan# 1230
Delta R.T. 0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

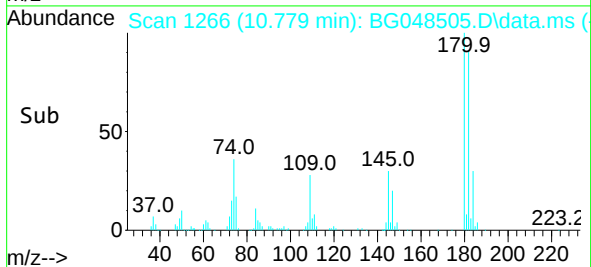
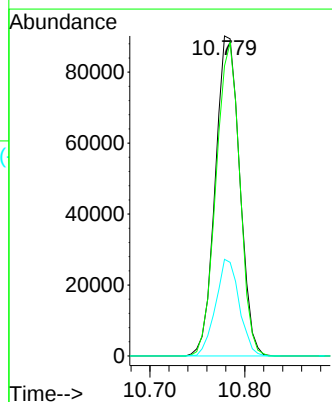
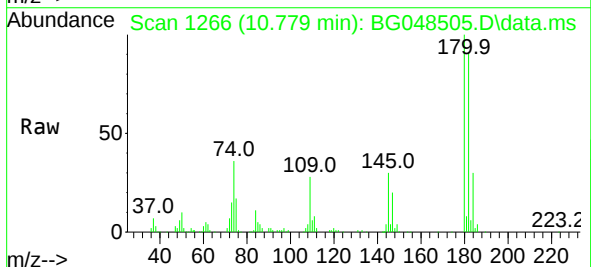
Instrument :
BNA_G
ClientSampleId :
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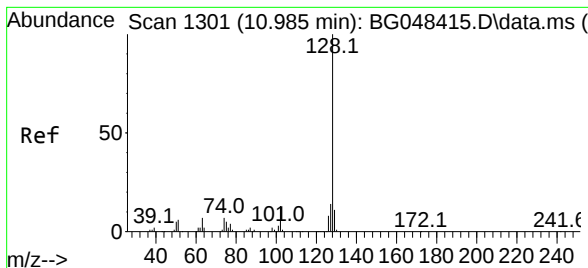
Tgt Ion:162 Resp: 148876
Ion Ratio Lower Upper
162 100
164 64.2 45.6 85.6
98 36.6 11.0 51.0



#30
1,2,4-Trichlorobenzene
Concen: 36.83 ng
RT: 10.779 min Scan# 1266
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:180 Resp: 161360
Ion Ratio Lower Upper
180 100
182 90.7 76.9 115.3
145 30.2 21.4 32.0

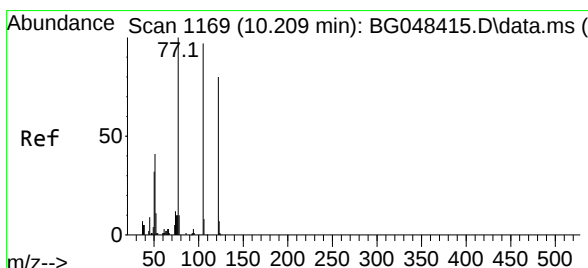
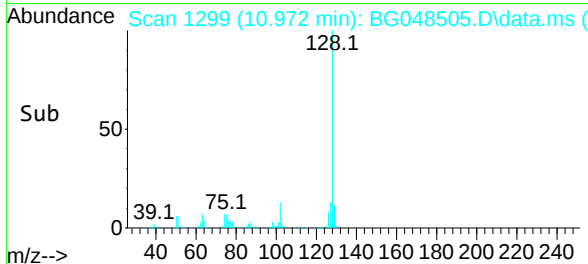
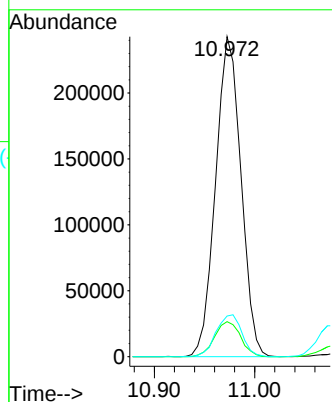
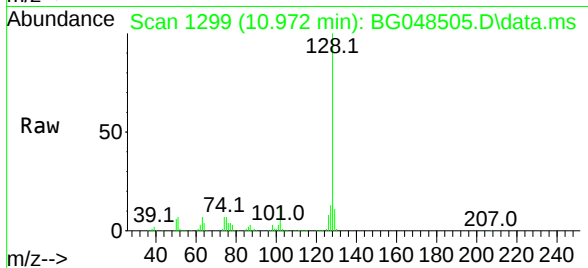




#31
Naphthalene
Concen: 39.10 ng
RT: 10.972 min Scan# 1299
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

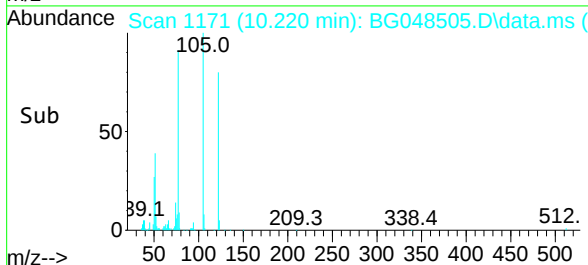
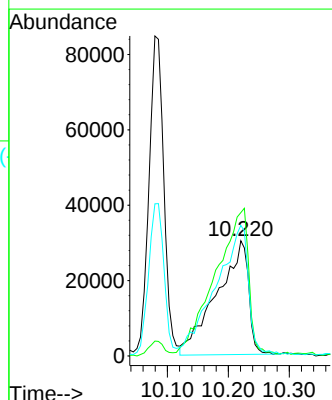
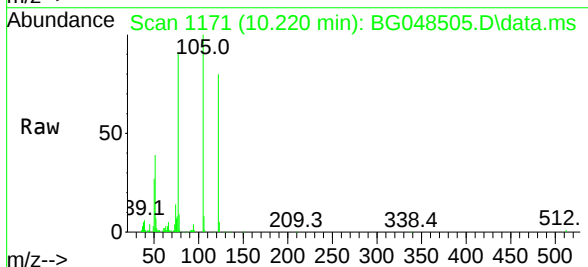
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

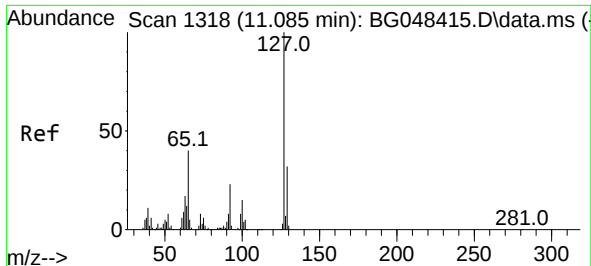
Tgt Ion:128 Resp: 426099
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.7 11.0 16.4



#32
Benzoic acid
Concen: 44.72 ng
RT: 10.220 min Scan# 1171
Delta R.T. 0.020 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:122 Resp: 108692
Ion Ratio Lower Upper
122 100
105 124.4 103.7 143.7
77 113.3 63.0 103.0#

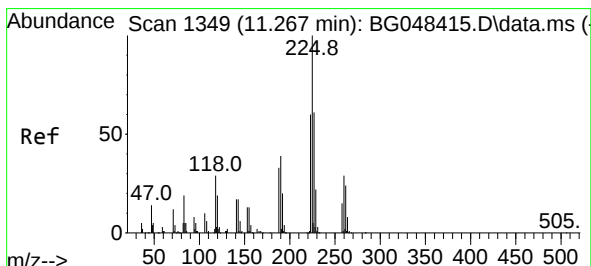
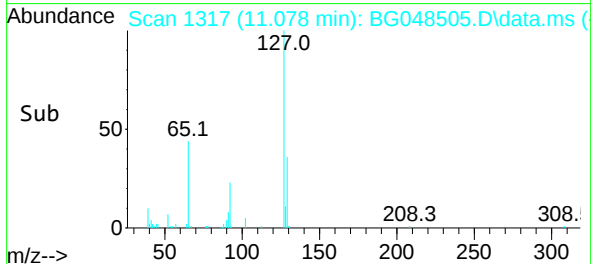
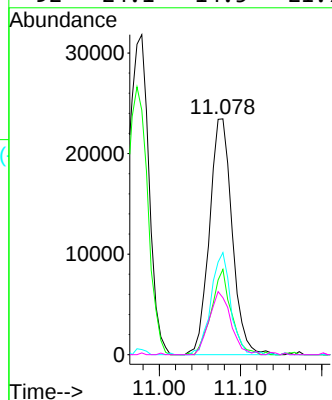
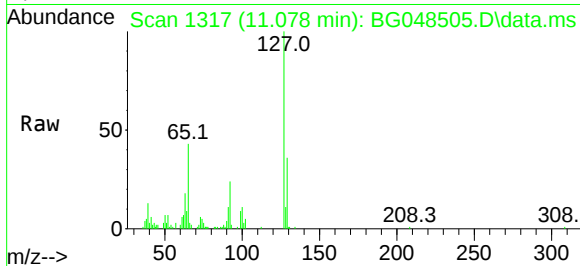




#33
4-Chloroaniline
Concen: 9.77 ng
RT: 11.078 min Scan# 1317
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

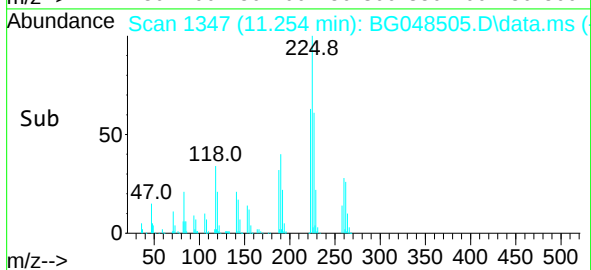
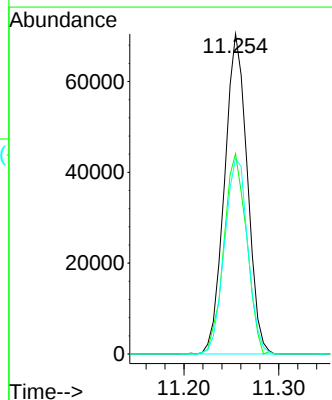
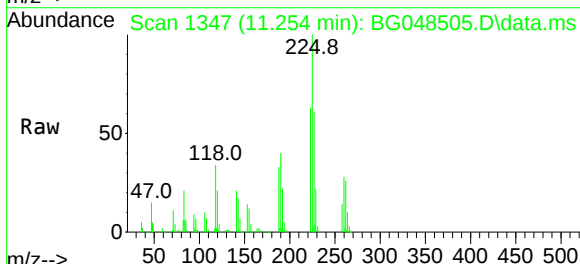
Instrument :
BNA_G
ClientSampleId :
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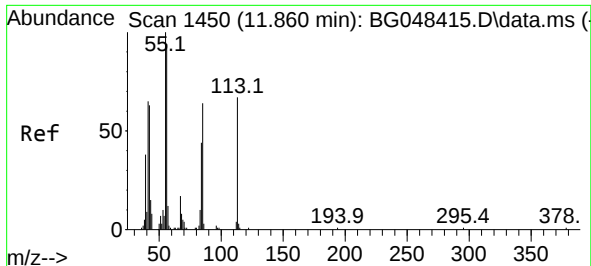
Tgt Ion:	127	Resp:	45511
Ion Ratio	Lower	Upper	
127	100		
129	36.1	26.8	40.2
65	43.3	23.8	35.6#
92	24.1	14.5	21.7#



#34
Hexachlorobutadiene
Concen: 33.84 ng
RT: 11.254 min Scan# 1347
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:	225	Resp:	117535
Ion Ratio	Lower	Upper	
225	100		
223	62.6	49.5	74.3
227	61.1	52.0	78.0

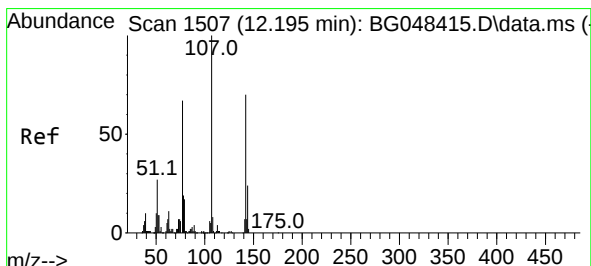
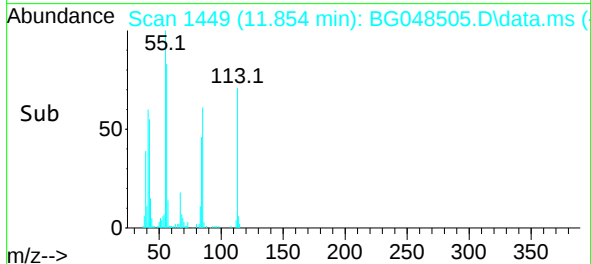
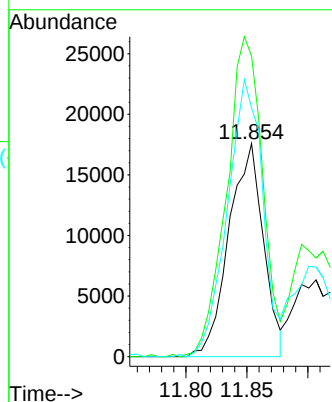
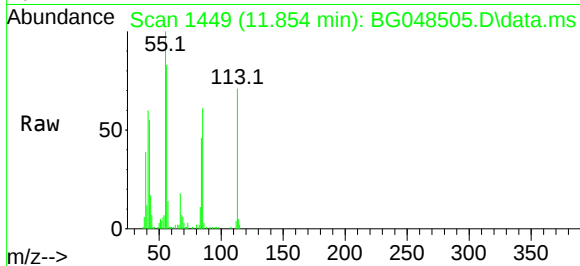




#35
Caprolactam
Concen: 26.68 ng
RT: 11.854 min Scan# 1449
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

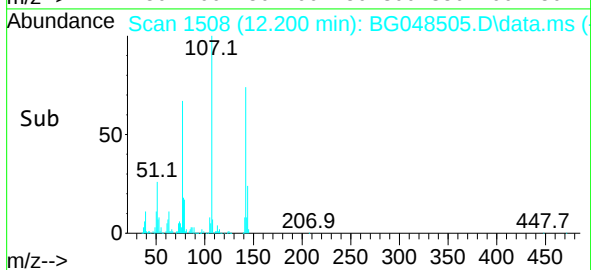
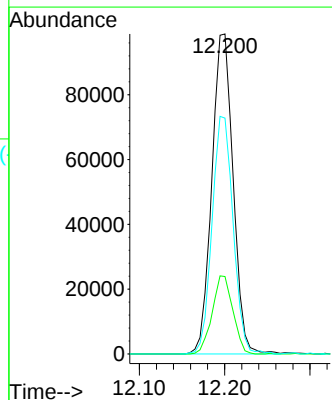
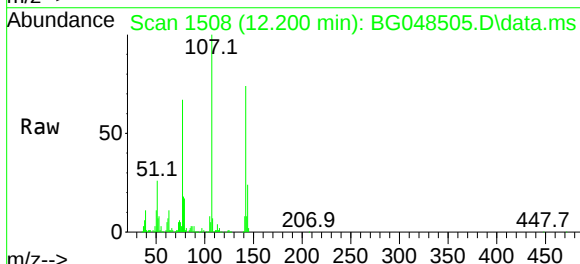
Instrument :
BNA_G
ClientSampleId :
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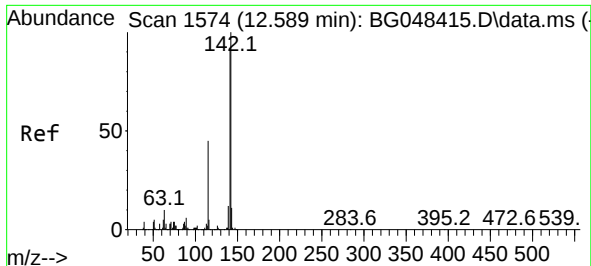
Tgt Ion:113 Resp: 34526
Ion Ratio Lower Upper
113 100
55 141.0 149.2 189.2#
56 116.8 107.2 147.2



#36
4-Chloro-3-methylphenol
Concen: 40.71 ng
RT: 12.200 min Scan# 1508
Delta R.T. 0.008 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:107 Resp: 171295
Ion Ratio Lower Upper
107 100
144 24.2 22.5 33.7
142 73.7 70.8 106.2

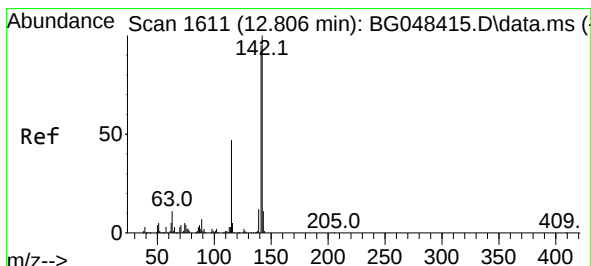
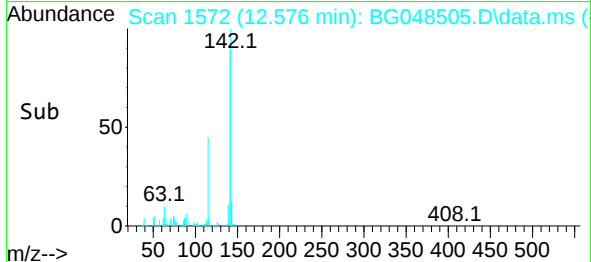
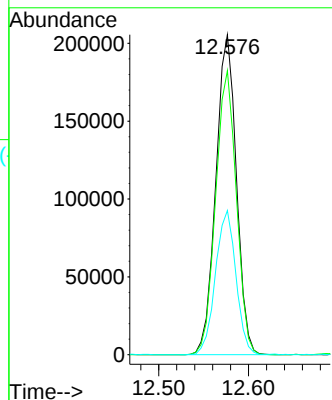
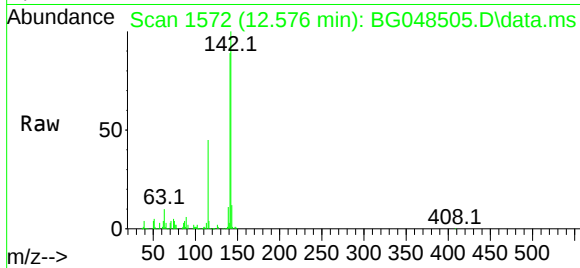




#37
2-Methylnaphthalene
Concen: 39.27 ng
RT: 12.576 min Scan# 1572
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

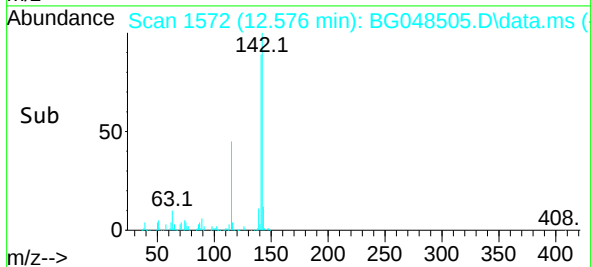
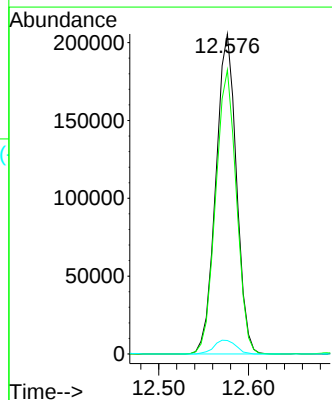
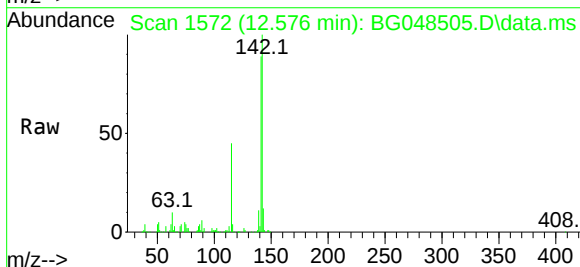
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

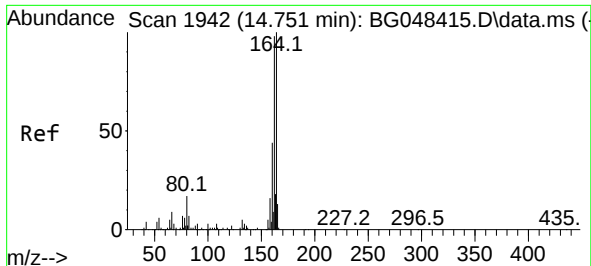
Tgt Ion:142 Resp: 326621
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4
115 45.1 25.4 38.2#



#38
1-Methylnaphthalene
Concen: 41.75 ng
RT: 12.576 min Scan# 1572
Delta R.T. -0.221 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:142 Resp: 326621
Ion Ratio Lower Upper
142 100
141 88.8 75.4 113.2
116 4.2 2.9 4.3

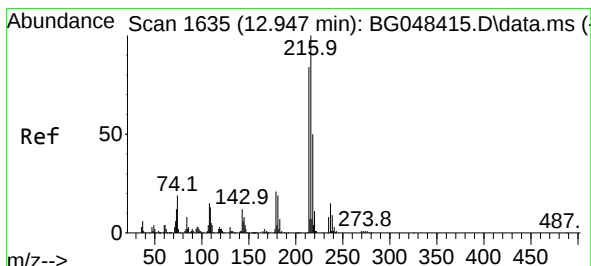
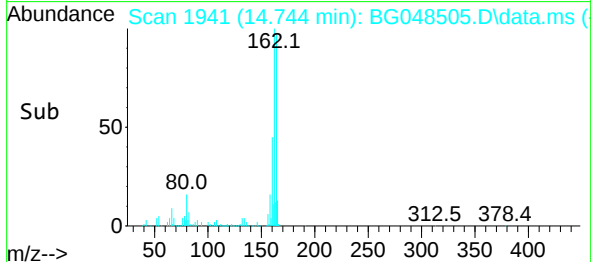
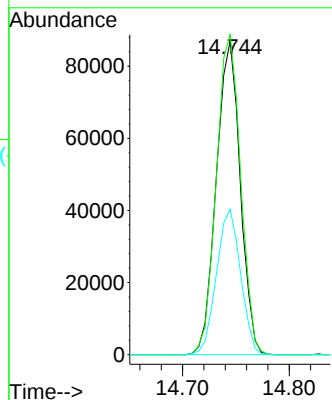
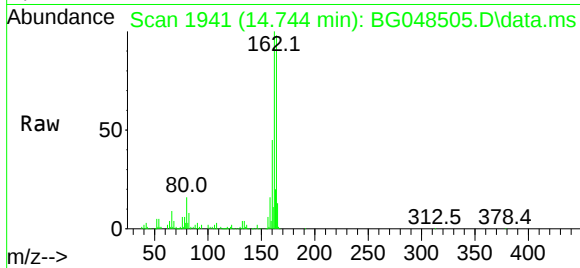




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 1941
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

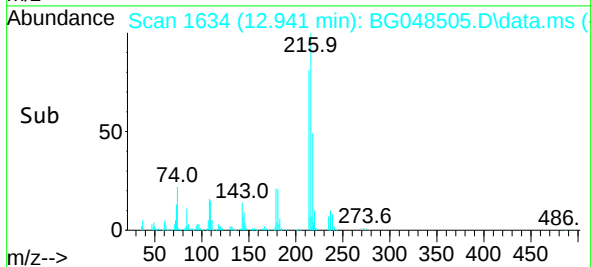
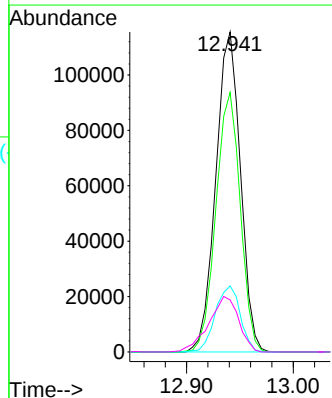
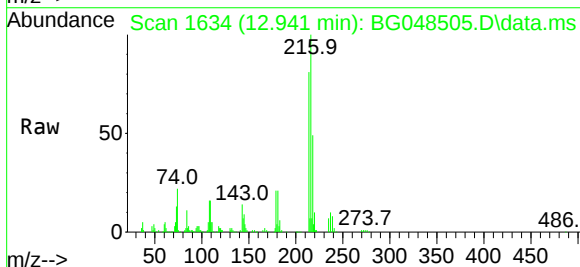
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ClientSampleId :
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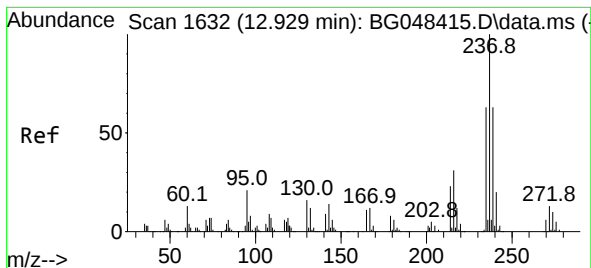
Tgt Ion:164 Resp: 135183
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 46.4 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.49 ng
RT: 12.941 min Scan# 1634
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:216 Resp: 185052
Ion Ratio Lower Upper
216 100
214 80.2 61.9 92.9
179 21.0 14.8 22.2
108 21.1 10.2 15.4#

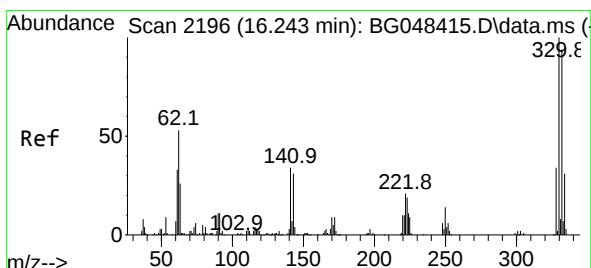
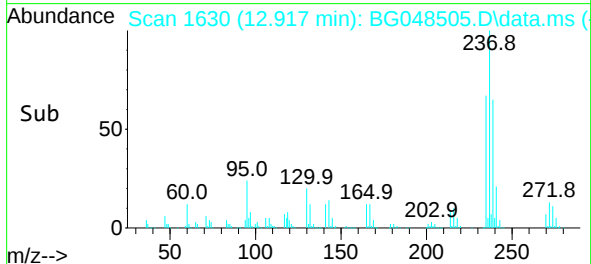
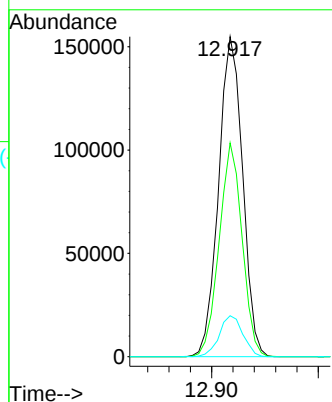
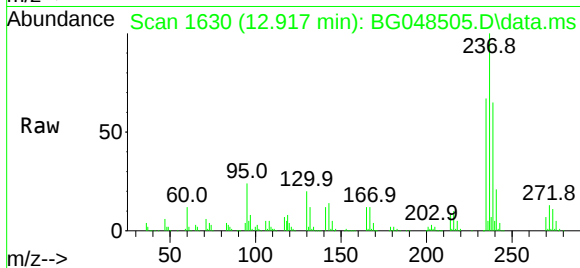




#41
Hexachlorocyclopentadiene
Concen: 75.87 ng
RT: 12.917 min Scan# 1630
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

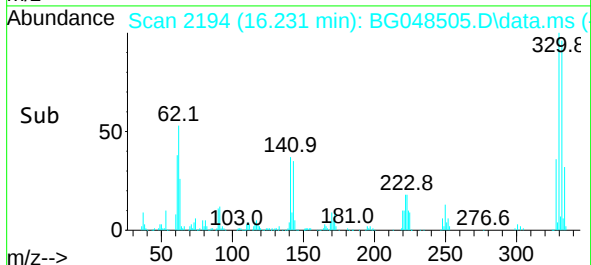
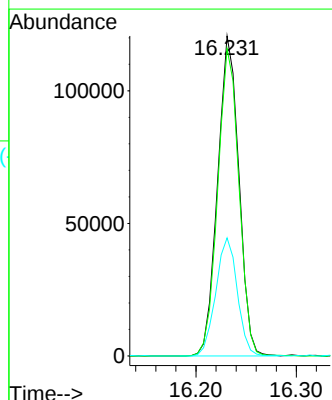
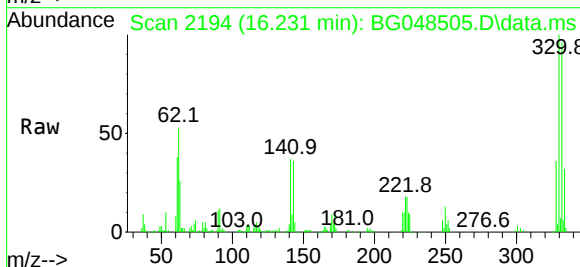
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

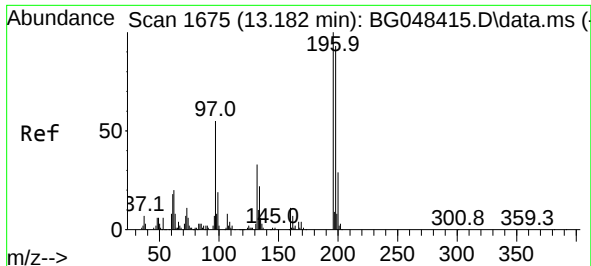
Tgt Ion:237 Resp: 242131
Ion Ratio Lower Upper
237 100
235 66.8 43.1 83.1
272 12.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 80.60 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:330 Resp: 177194
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 37.5 26.0 39.0

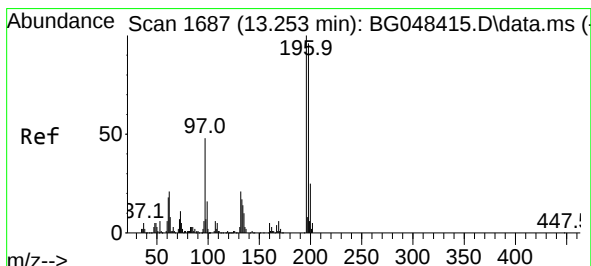
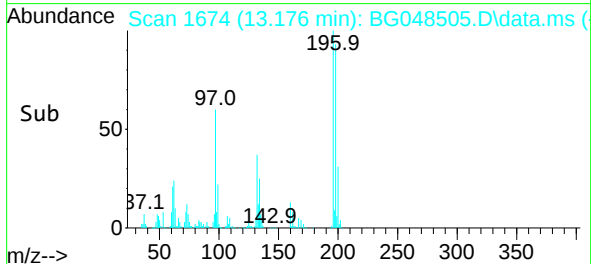
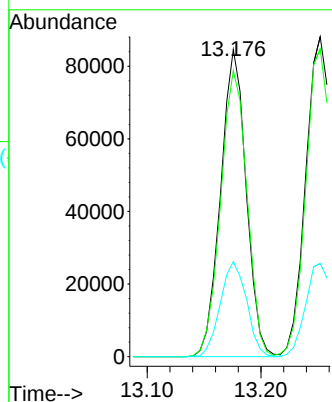
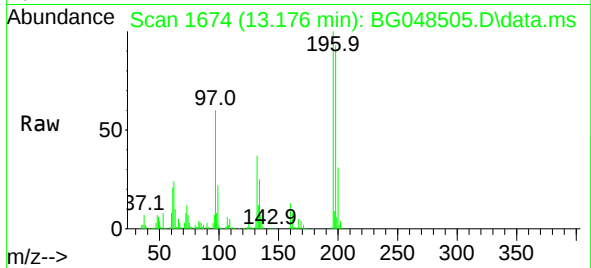




#43
2,4,6-Trichlorophenol
Concen: 39.55 ng
RT: 13.176 min Scan# 1674
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

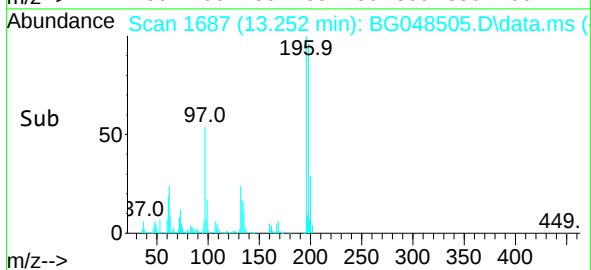
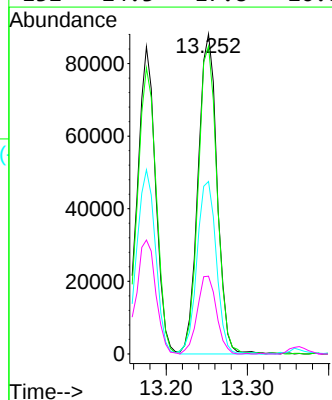
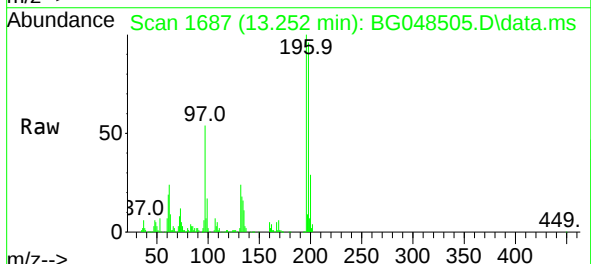
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

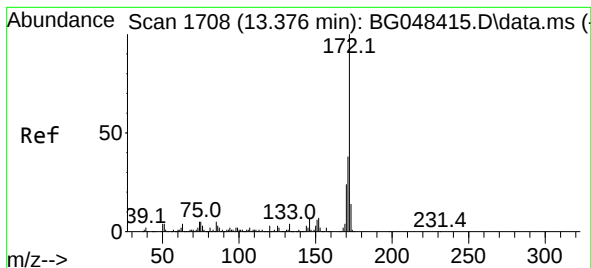
Tgt Ion:196 Resp: 132321
Ion Ratio Lower Upper
196 100
198 93.1 74.9 112.3
200 31.0 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 38.97 ng
RT: 13.252 min Scan# 1687
Delta R.T. 0.002 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:196 Resp: 143514
Ion Ratio Lower Upper
196 100
198 96.2 77.6 116.4
97 53.9 28.6 43.0#
132 24.3 17.8 26.8

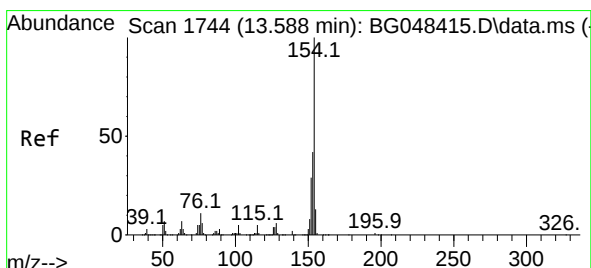
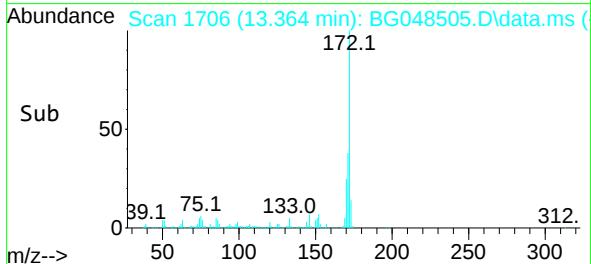
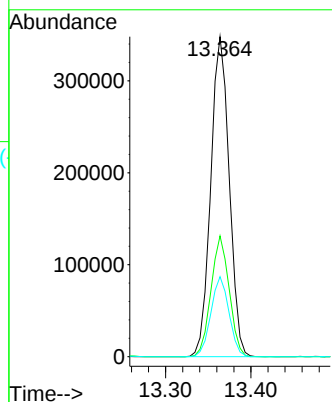
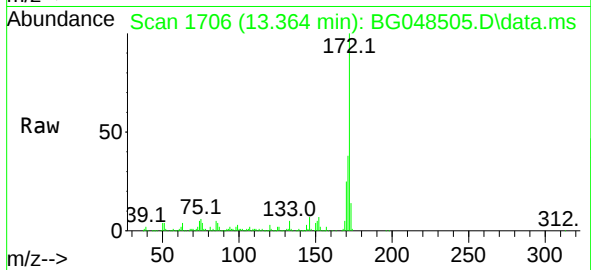




#45
2-Fluorobiphenyl
Concen: 55.67 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

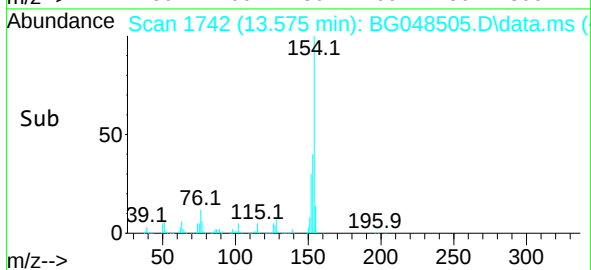
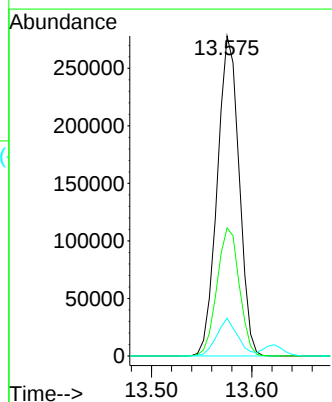
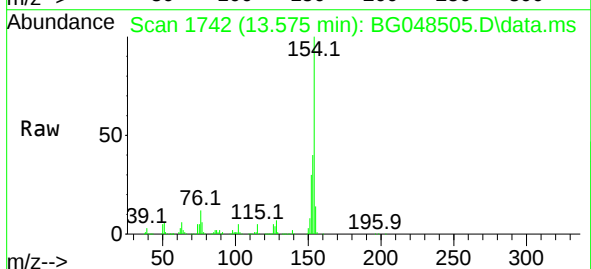
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

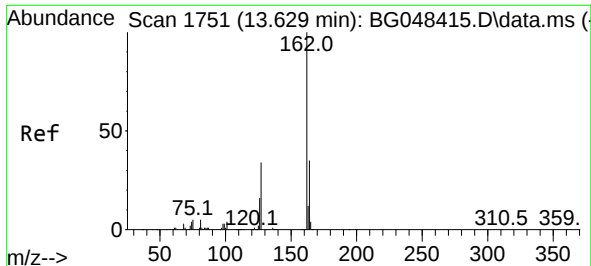
Tgt Ion:172 Resp: 523138
Ion Ratio Lower Upper
172 100
171 37.7 31.3 46.9
170 25.0 20.8 31.2



#46
1,1'-Biphenyl
Concen: 43.23 ng
RT: 13.575 min Scan# 1742
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:154 Resp: 419395
Ion Ratio Lower Upper
154 100
153 40.0 22.6 62.6
76 11.8 0.0 32.6

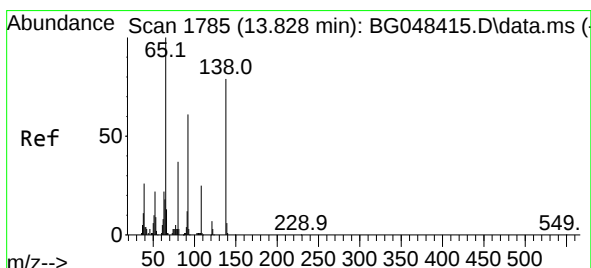
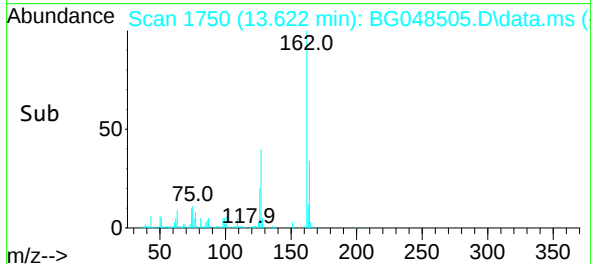
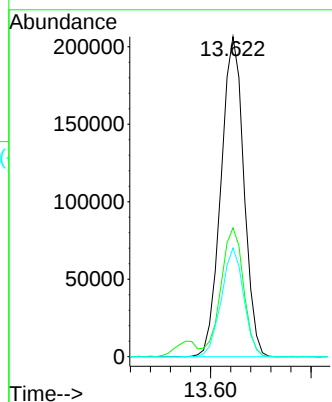
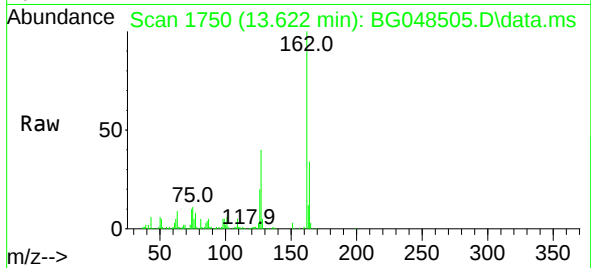




#47
2-Chloronaphthalene
Concen: 41.63 ng
RT: 13.622 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

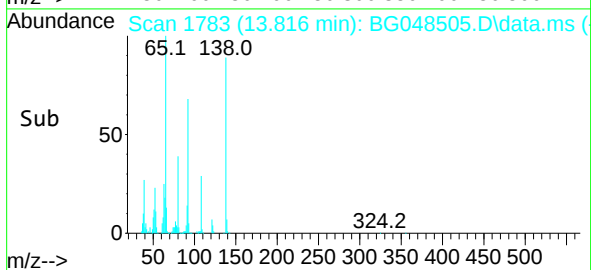
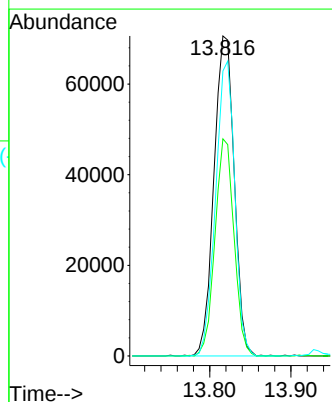
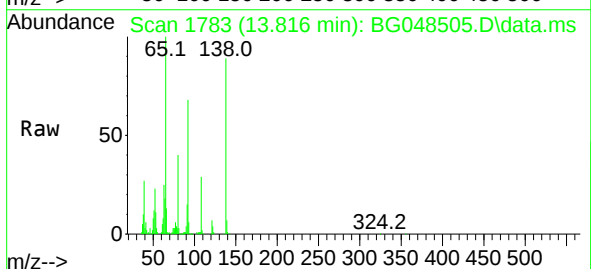
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

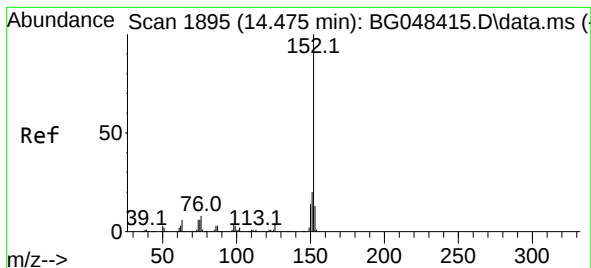
Tgt Ion:162 Resp: 325649
Ion Ratio Lower Upper
162 100
127 40.3 27.8 41.6
164 33.9 27.0 40.4



#48
2-Nitroaniline
Concen: 42.27 ng
RT: 13.816 min Scan# 1783
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion: 65 Resp: 122395
Ion Ratio Lower Upper
65 100
92 67.9 58.6 88.0
138 89.1 98.2 147.4#

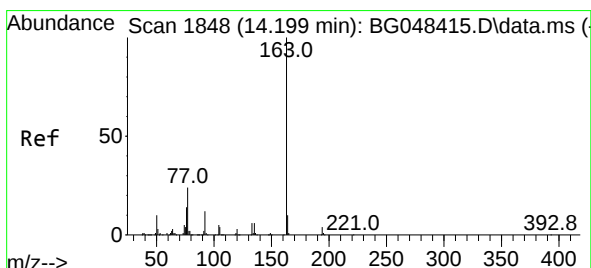
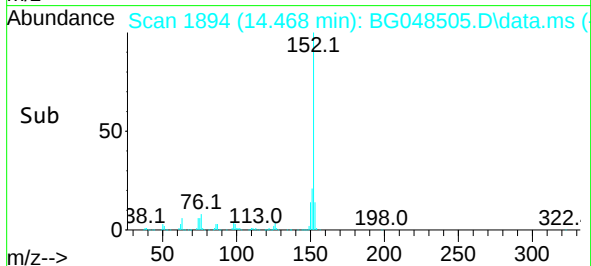
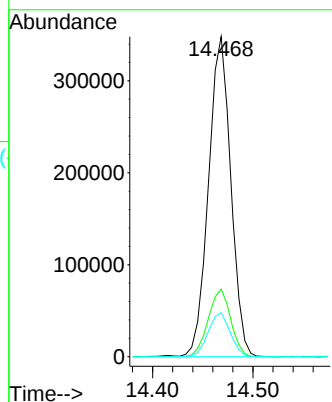
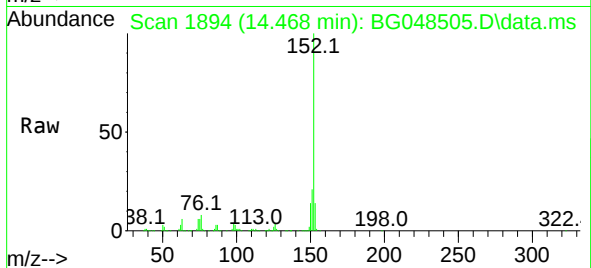




#49
Acenaphthylene
Concen: 42.45 ng
RT: 14.468 min Scan# 1894
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

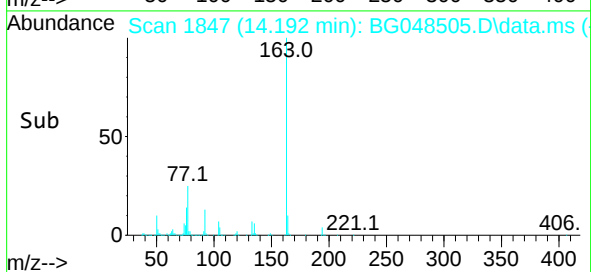
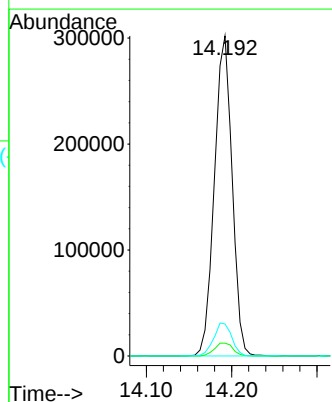
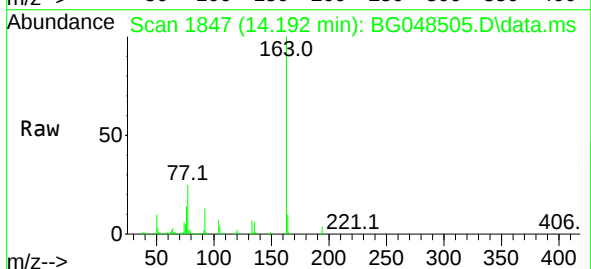
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

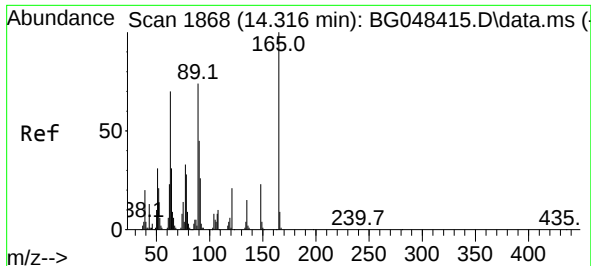
Tgt Ion:152 Resp: 537627
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.0
153 13.7 11.5 17.3



#50
Dimethylphthalate
Concen: 39.51 ng
RT: 14.192 min Scan# 1847
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:163 Resp: 434703
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.8
164 10.0 8.8 13.2

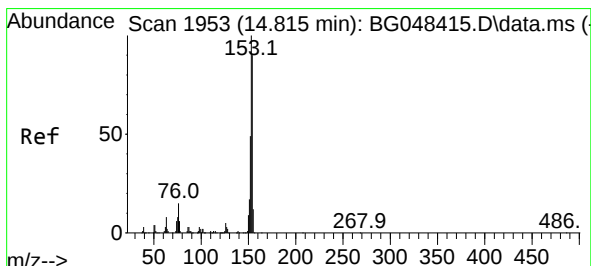
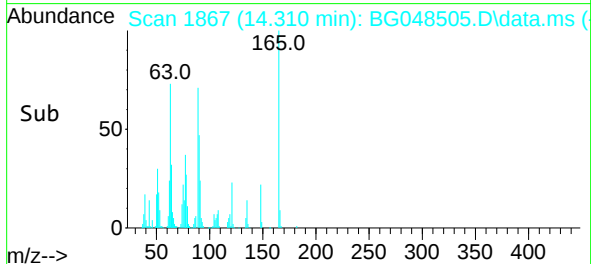
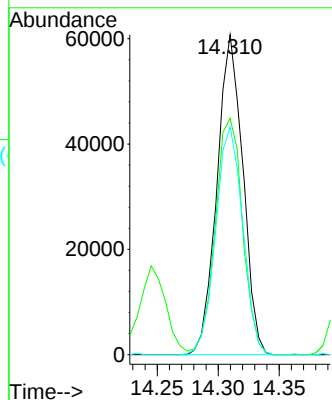
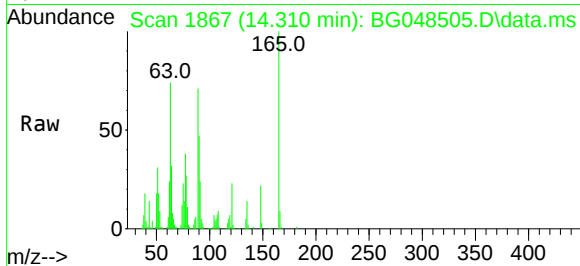




#51
2,6-Dinitrotoluene
Concen: 37.82 ng
RT: 14.310 min Scan# 1867
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

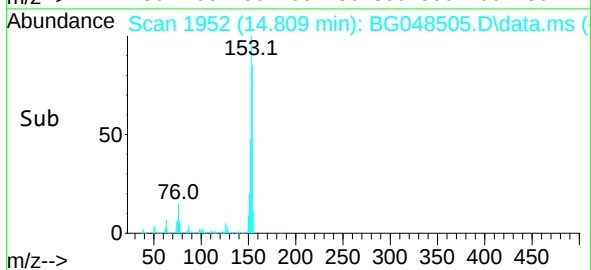
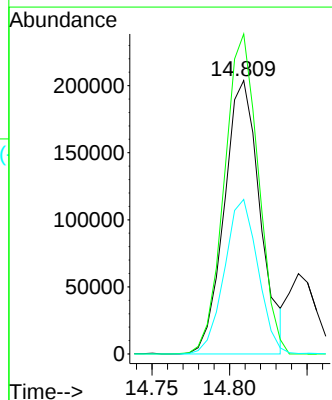
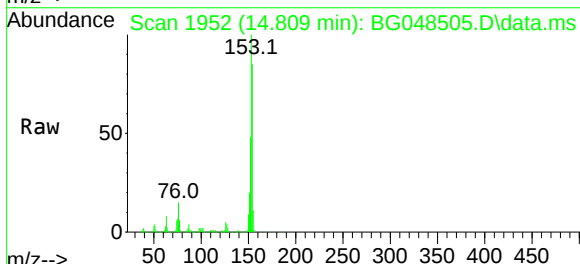
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

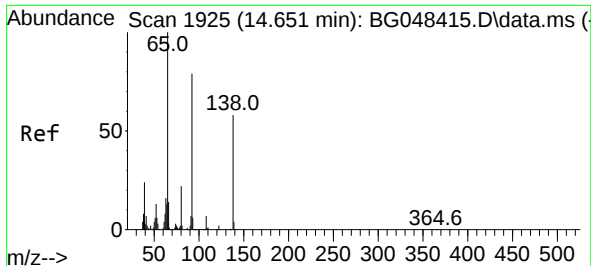
Tgt Ion:165 Resp: 89543
Ion Ratio Lower Upper
165 100
63 73.8 33.7 50.5#
89 71.1 36.6 54.8#



#52
Acenaphthene
Concen: 38.38 ng
RT: 14.809 min Scan# 1952
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:154 Resp: 326713
Ion Ratio Lower Upper
154 100
153 117.0 90.3 135.5
152 56.5 43.8 65.8

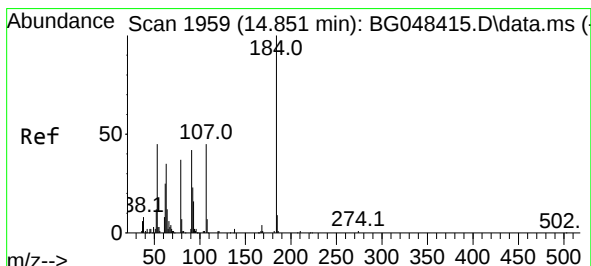
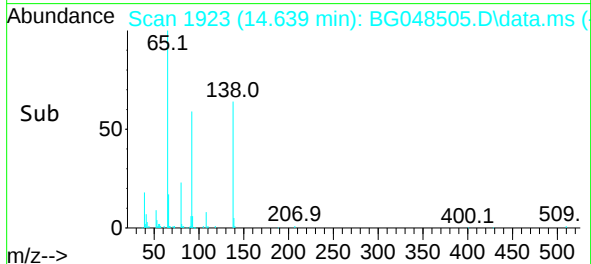
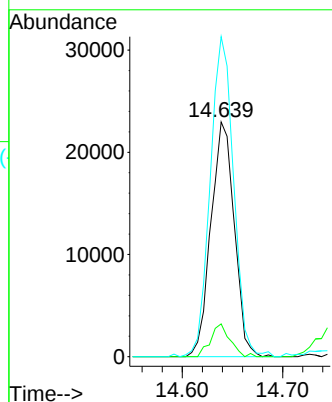
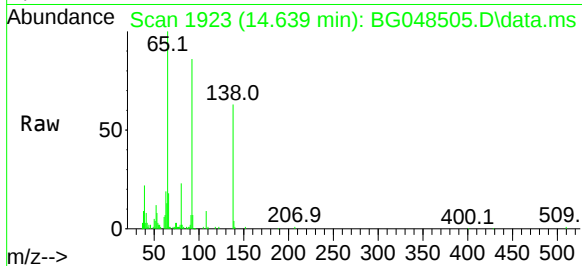




#53
3-Nitroaniline
Concen: 16.37 ng
RT: 14.639 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

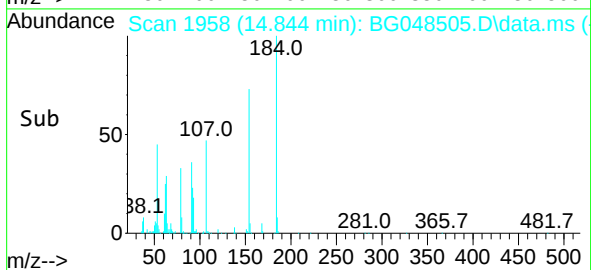
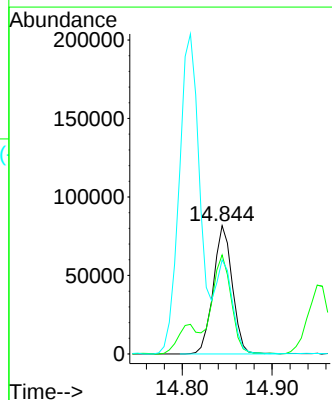
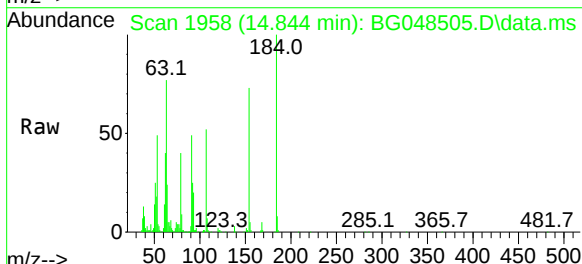
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

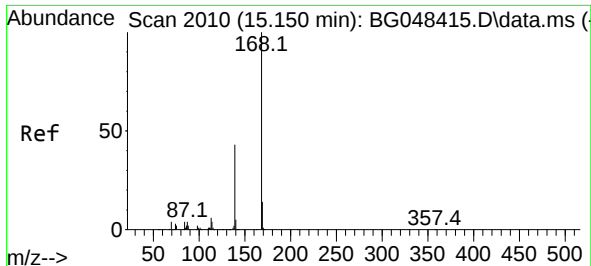
Tgt Ion:138 Resp: 37111
Ion Ratio Lower Upper
138 100
108 14.0 7.4 11.0#
92 136.3 85.2 127.8#



#54
2,4-Dinitrophenol
Concen: 83.10 ng
RT: 14.844 min Scan# 1958
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:184 Resp: 120097
Ion Ratio Lower Upper
184 100
63 77.2 32.3 48.5#
154 73.3 40.4 60.6#

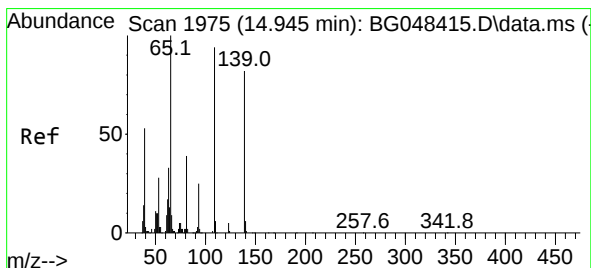
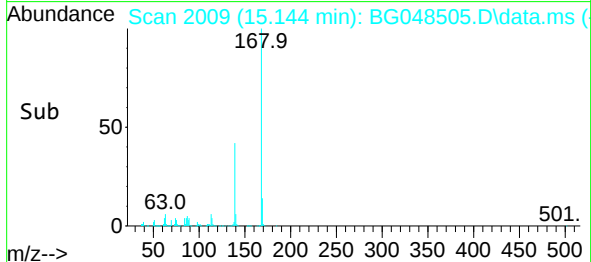
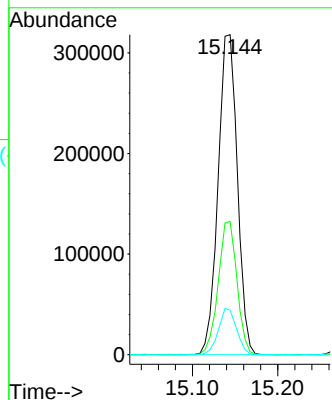
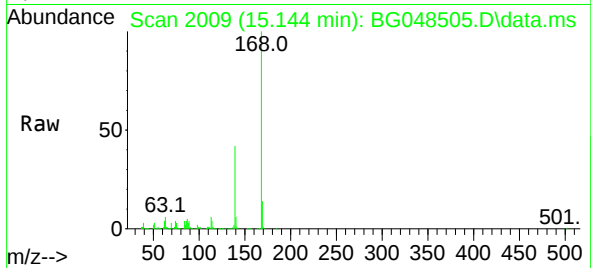




#55
Dibenzenofuran
Concen: 39.32 ng
RT: 15.144 min Scan# 2009
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

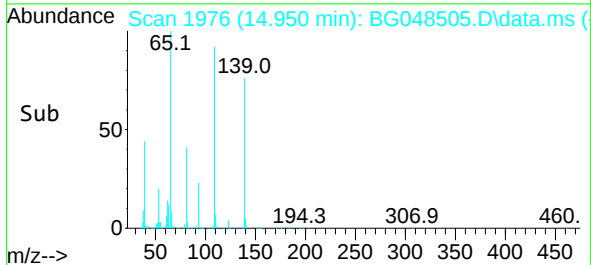
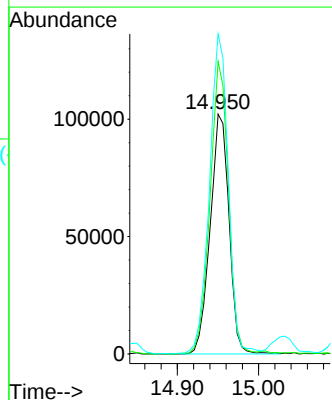
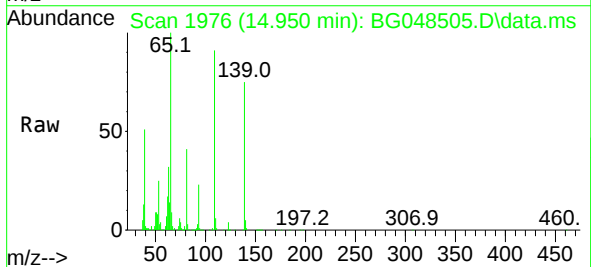
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

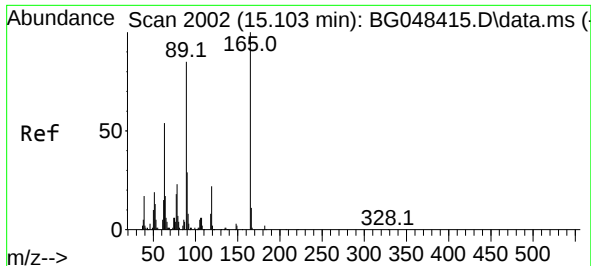
Tgt Ion:168 Resp: 498581
Ion Ratio Lower Upper
168 100
139 41.6 28.6 43.0
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 80.99 ng
RT: 14.950 min Scan# 1976
Delta R.T. 0.014 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:139 Resp: 164315
Ion Ratio Lower Upper
139 100
109 121.9 45.9 85.9#
65 133.4 65.4 105.4#

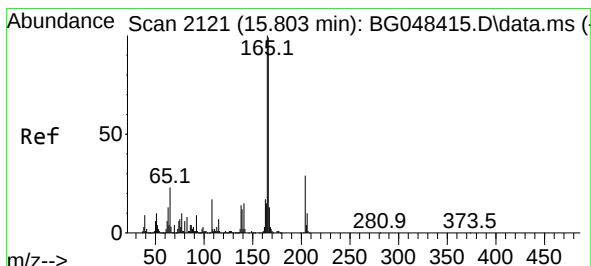
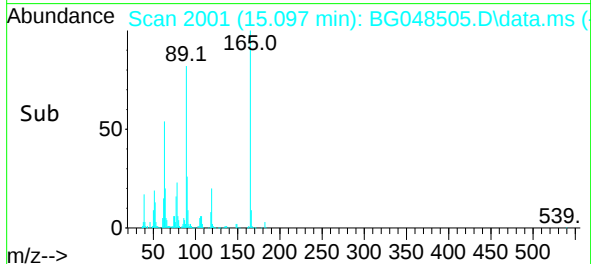
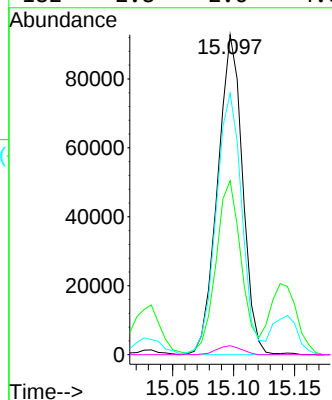
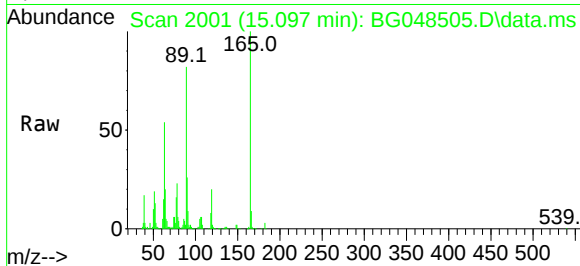




#57
2,4-Dinitrotoluene
Concen: 39.30 ng
RT: 15.097 min Scan# 2001
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

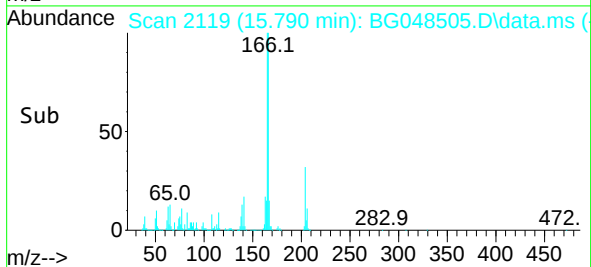
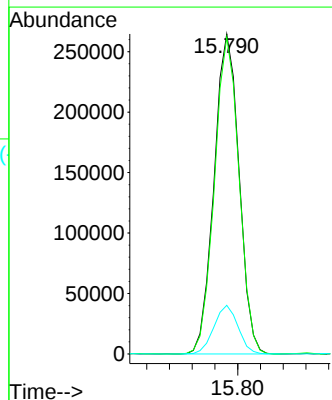
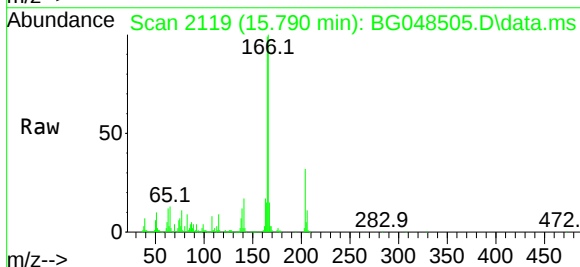
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

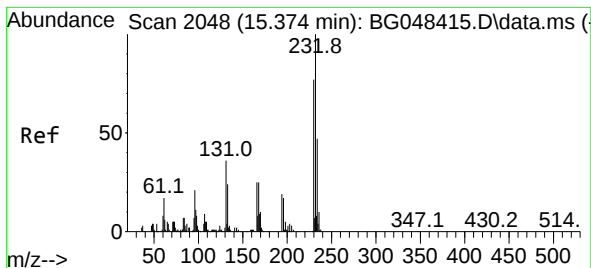
Tgt Ion:165 Resp: 132142
Ion Ratio Lower Upper
165 100
63 54.4 26.4 39.6#
89 81.7 47.8 71.8#
182 2.8 2.6 4.0



#58
Fluorene
Concen: 37.90 ng
RT: 15.790 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:166 Resp: 403291
Ion Ratio Lower Upper
166 100
165 99.0 77.2 115.8
167 15.2 11.4 17.2

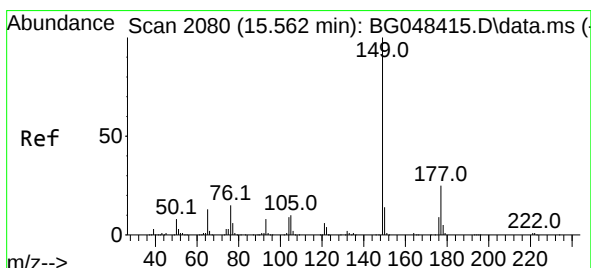
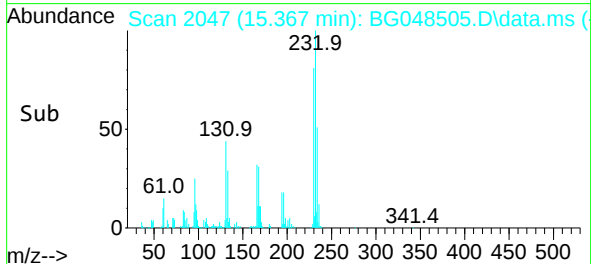
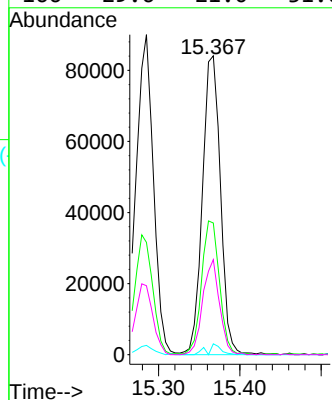
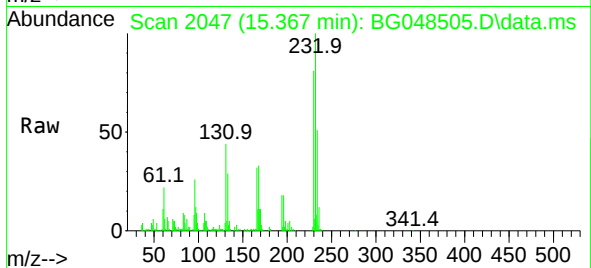




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.71 ng
RT: 15.367 min Scan# 2047
Delta R.T. 0.002 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

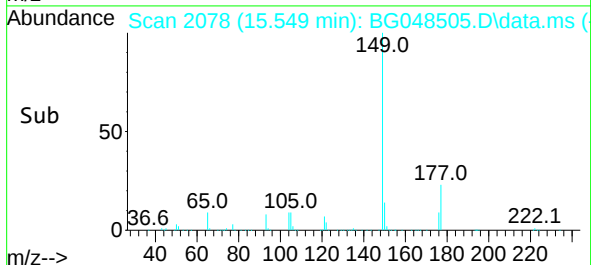
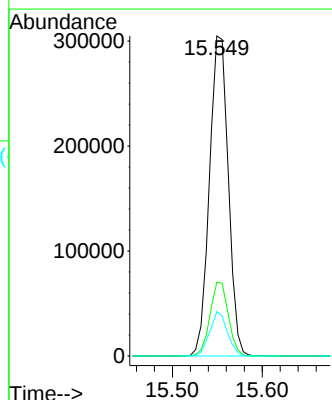
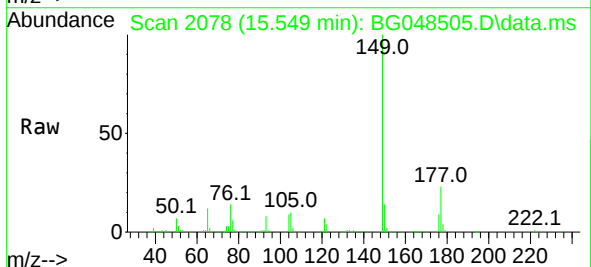
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

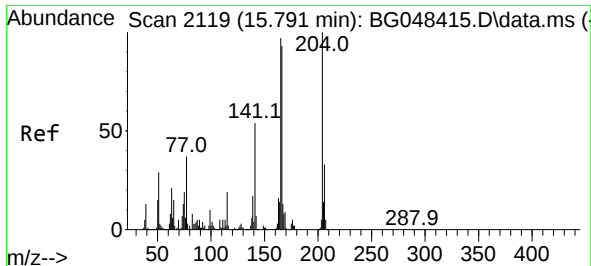
Tgt Ion:232 Resp: 129765
Ion Ratio Lower Upper
232 100
131 44.5 26.6 40.0#
130 2.6 1.4 2.0#
166 29.6 21.0 31.6



#60
Diethylphthalate
Concen: 41.19 ng
RT: 15.549 min Scan# 2078
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:149 Resp: 443041
Ion Ratio Lower Upper
149 100
177 23.1 21.4 32.2
150 13.9 10.7 16.1

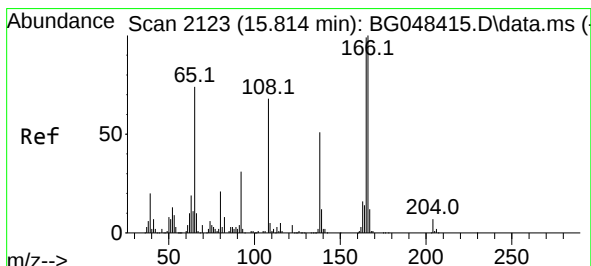
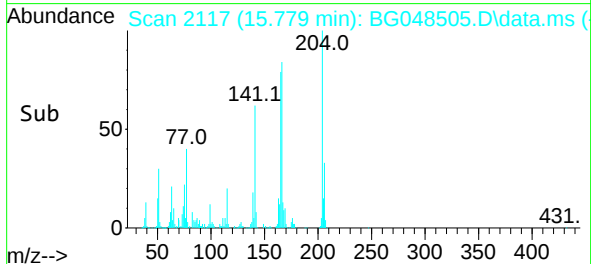
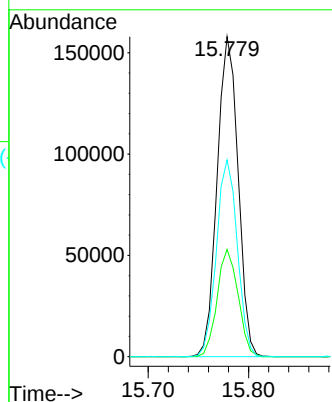
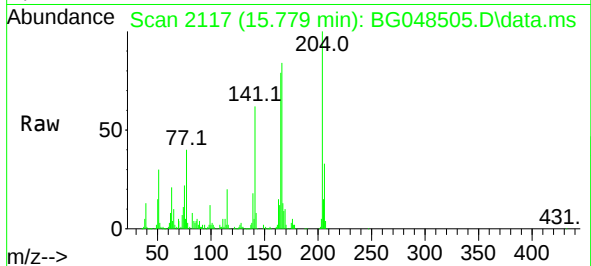




#61
4-Chlorophenyl-phenylether
Concen: 37.37 ng
RT: 15.779 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

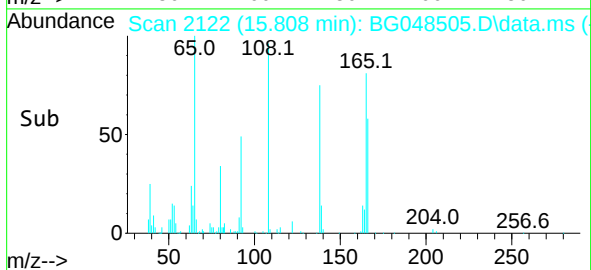
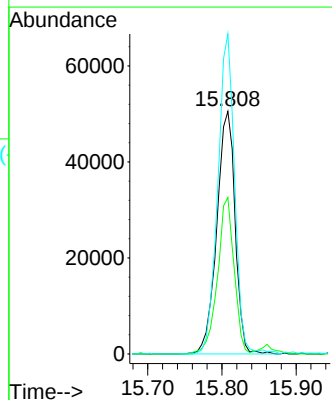
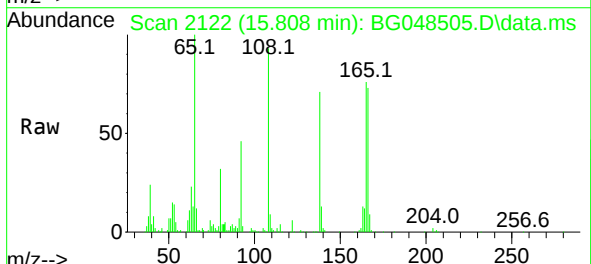
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

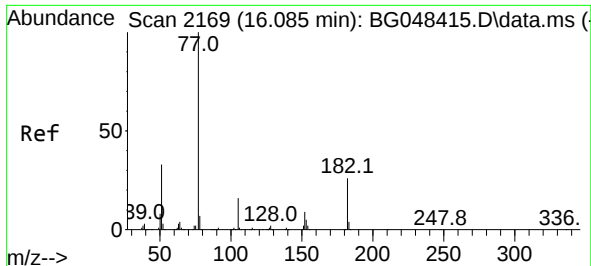
Tgt Ion:204 Resp: 228762
Ion Ratio Lower Upper
204 100
206 33.5 27.8 41.8
141 61.5 41.5 62.3



#62
4-Nitroaniline
Concen: 34.88 ng
RT: 15.808 min Scan# 2122
Delta R.T. 0.002 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:138 Resp: 86622
Ion Ratio Lower Upper
138 100
92 64.5 26.9 66.9
108 131.9 49.4 89.4#

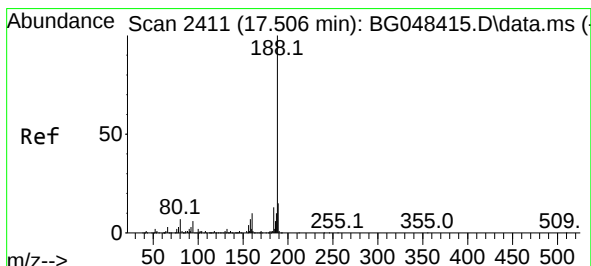
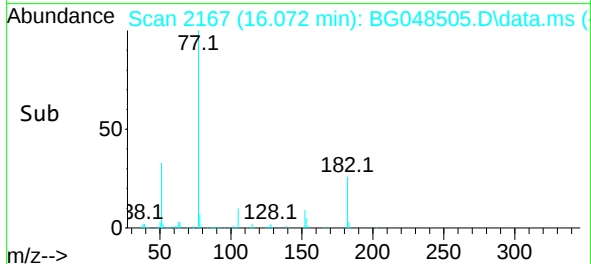
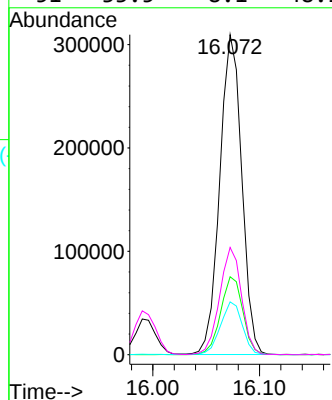
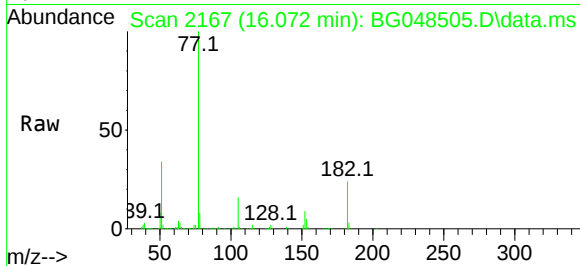




#63
Azobenzene
Concen: 37.81 ng
RT: 16.072 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

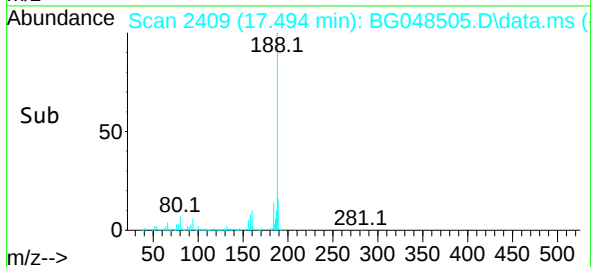
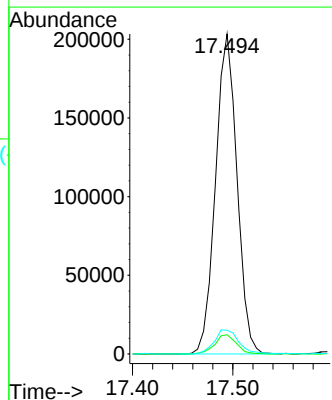
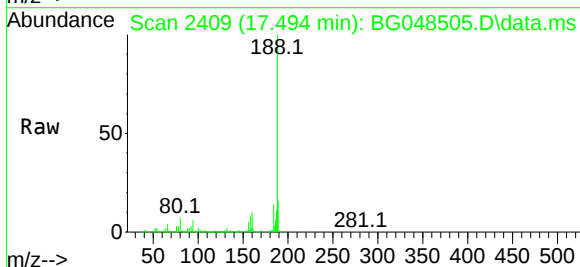
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

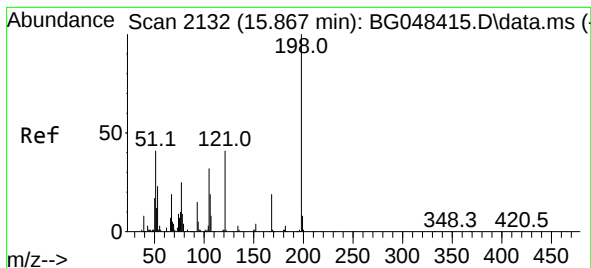
Tgt Ion: 77	Resp: 442552
Ion Ratio	Lower Upper
77 100	
182 24.4	14.0 54.0
105 16.5	3.0 43.0
51 33.5	8.1 48.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion: 188	Resp: 300790
Ion Ratio	Lower Upper
188 100	
94 6.0	6.3 9.5#
80 7.4	7.0 10.6

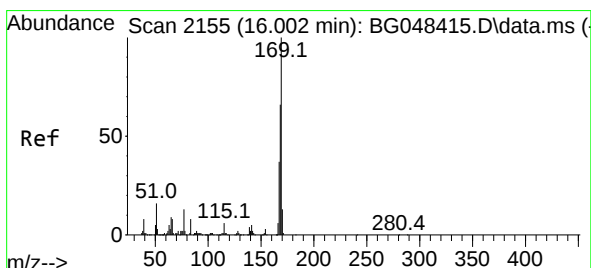
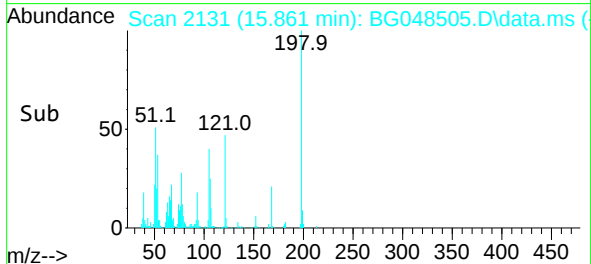
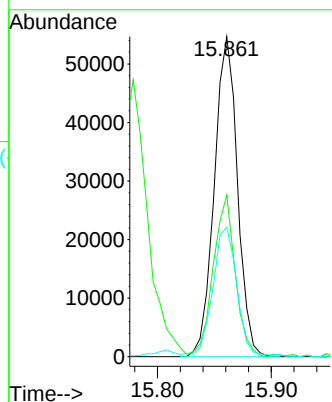
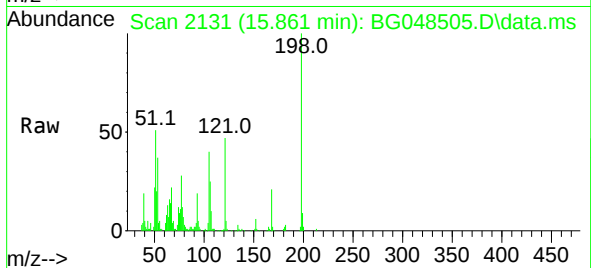




#65
4,6-Dinitro-2-methylphenol
Concen: 40.71 ng
RT: 15.861 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

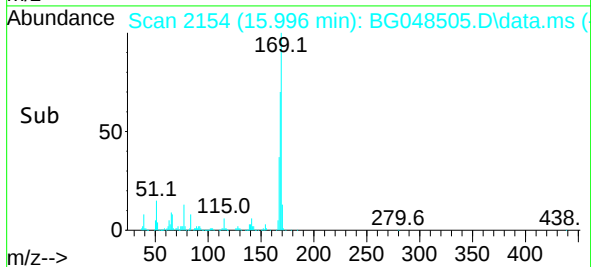
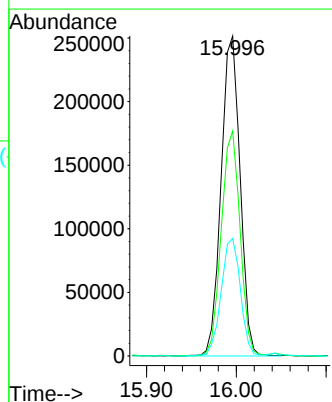
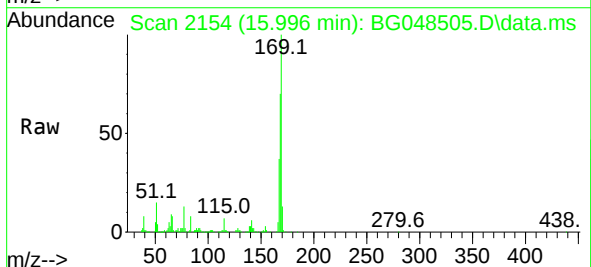
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

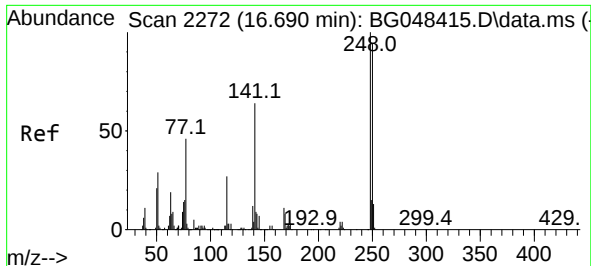
Tgt Ion:198 Resp: 77119
Ion Ratio Lower Upper
198 100
51 50.5 10.4 50.4#
105 40.5 12.9 52.9



#66
n-Nitrosodiphenylamine
Concen: 42.33 ng
RT: 15.996 min Scan# 2154
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:169 Resp: 368889
Ion Ratio Lower Upper
169 100
168 70.3 55.5 83.3
167 36.8 30.5 45.7

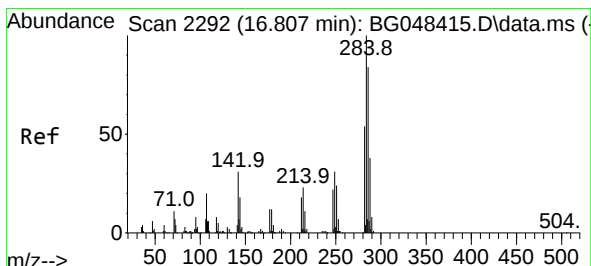
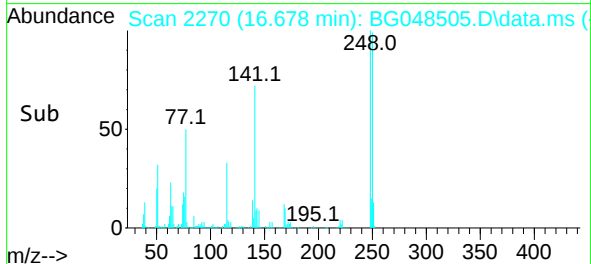
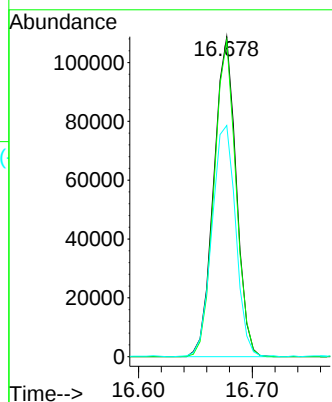
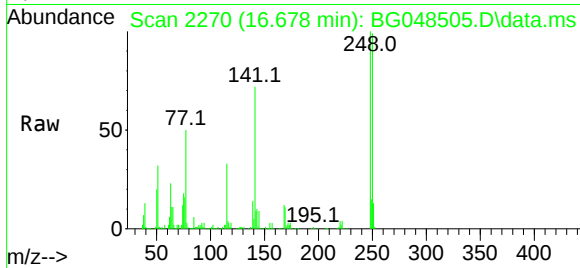




#67
4-Bromophenyl-phenylether
Concen: 39.17 ng
RT: 16.678 min Scan# 2270
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

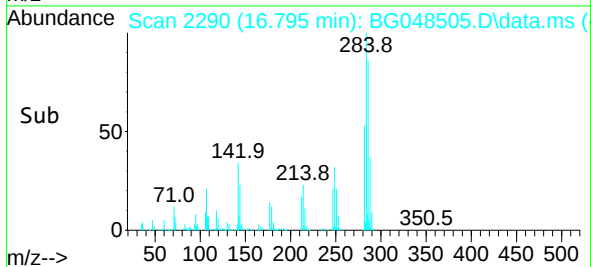
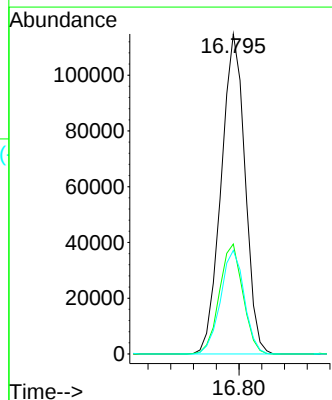
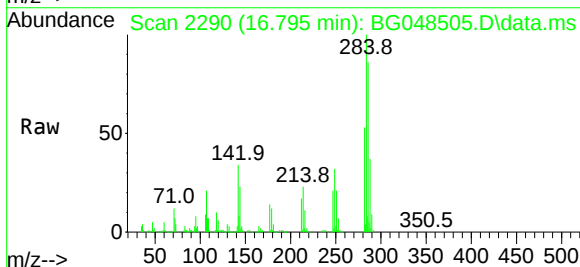
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

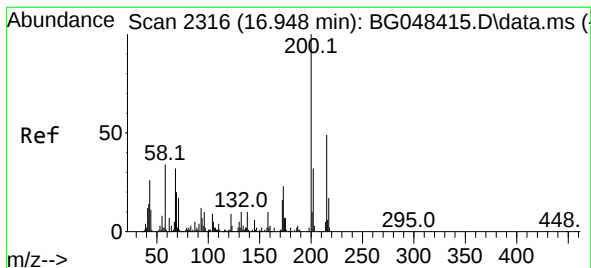
Tgt Ion:248 Resp: 148401
Ion Ratio Lower Upper
248 100
250 98.9 78.9 118.3
141 72.2 46.2 69.4#



#68
Hexachlorobenzene
Concen: 41.10 ng
RT: 16.795 min Scan# 2290
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:284 Resp: 166847
Ion Ratio Lower Upper
284 100
142 34.3 21.1 31.7#
249 32.4 25.9 38.9





#69

Atrazine

Concen: 44.91 ng

RT: 16.942 min Scan# 2315

Delta R.T. -0.003 min

Lab File: BG048505.D

Acq: 25 Mar 2021 17:04

Tgt Ion:200 Resp: 157397

Ion Ratio Lower Upper

200 100

173 22.6 4.2 44.2

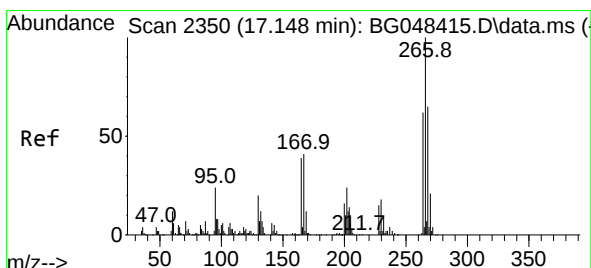
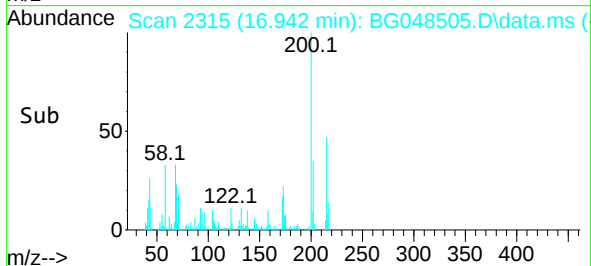
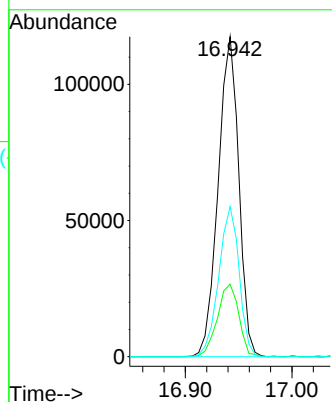
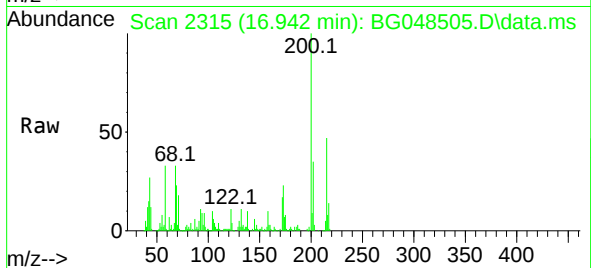
215 46.9 30.0 70.0

Instrument :

BNA_G

ClientSampleId :

SP-MANHOLES



#70

Pentachlorophenol

Concen: 81.99 ng

RT: 17.142 min Scan# 2349

Delta R.T. 0.003 min

Lab File: BG048505.D

Acq: 25 Mar 2021 17:04

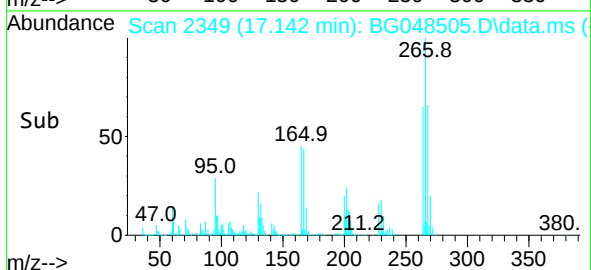
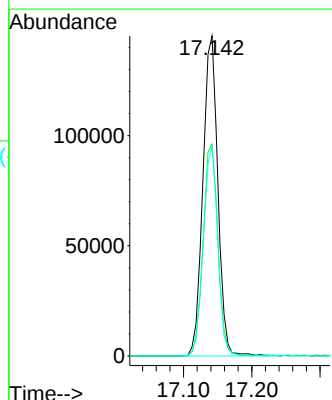
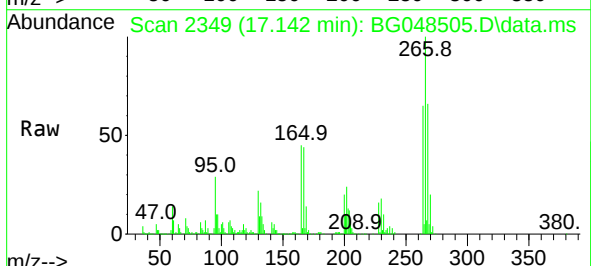
Tgt Ion:266 Resp: 221242

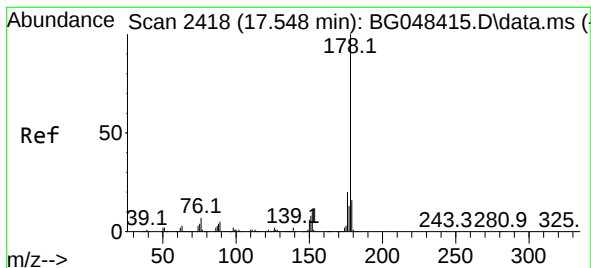
Ion Ratio Lower Upper

266 100

268 66.2 49.8 74.6

264 65.5 49.3 73.9

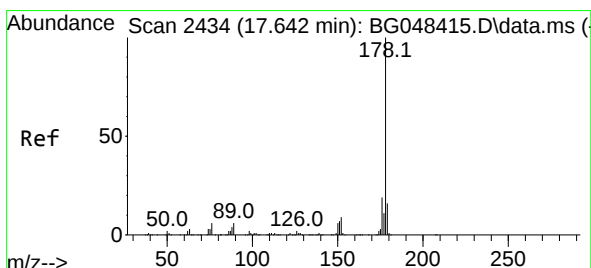
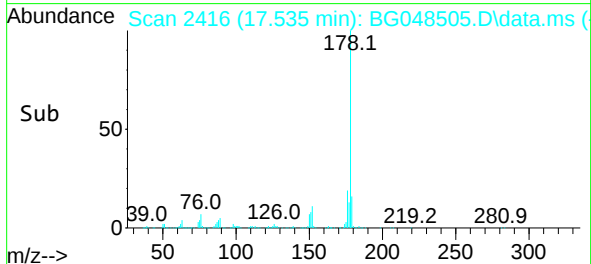
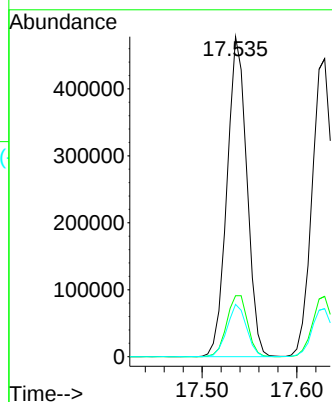
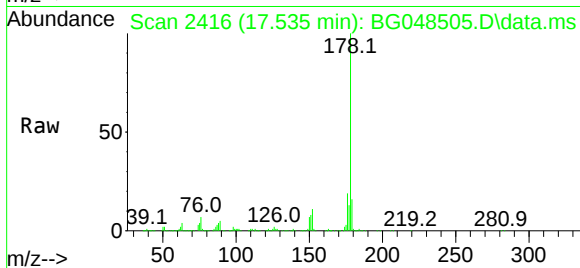




#71
Phenanthrene
Concen: 43.79 ng
RT: 17.535 min Scan# 2416
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

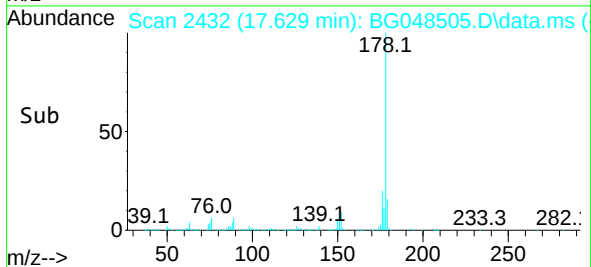
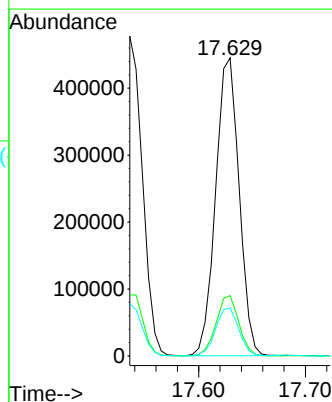
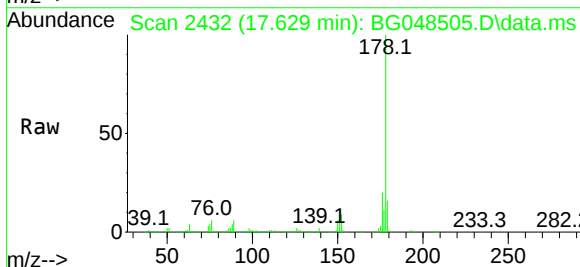
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

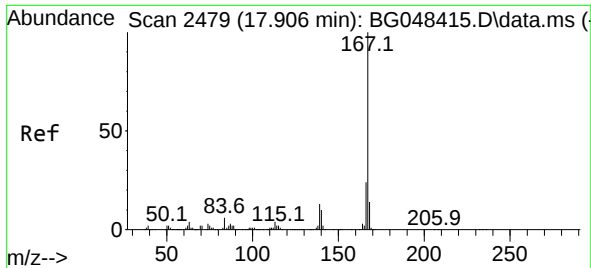
Tgt Ion:178 Resp: 695752
Ion Ratio Lower Upper
178 100
176 19.1 16.7 25.1
179 16.3 14.0 21.0



#72
Anthracene
Concen: 43.12 ng
RT: 17.629 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:178 Resp: 679764
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 16.1 13.8 20.6

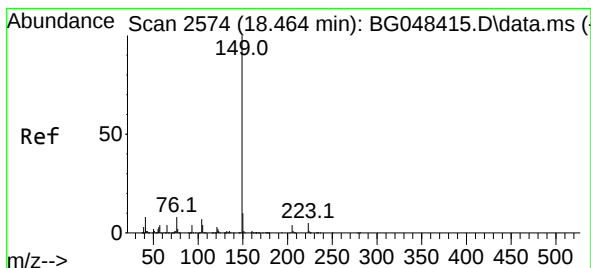
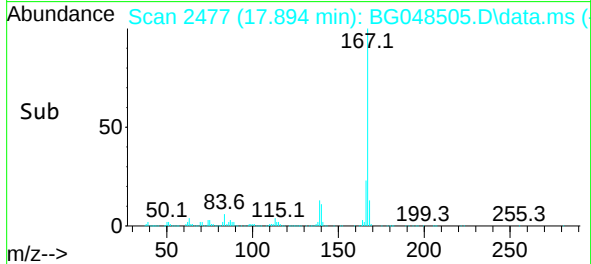
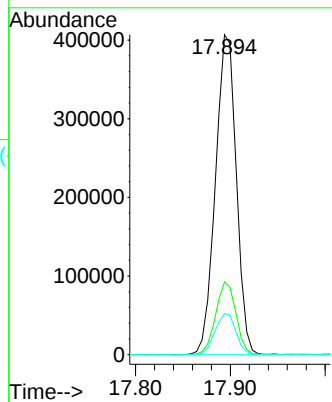
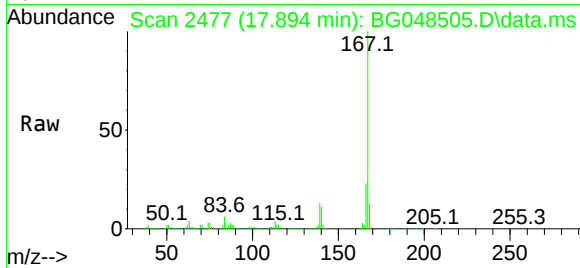




#73
 Carbazole
 Concen: 41.45 ng
 RT: 17.894 min Scan# 2477
 Delta R.T. -0.003 min
 Lab File: BG048505.D
 Acq: 25 Mar 2021 17:04

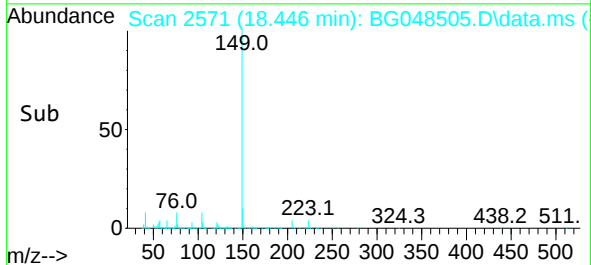
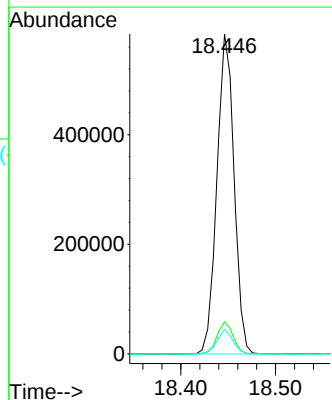
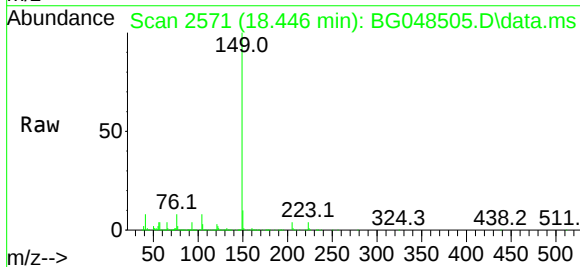
Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLES

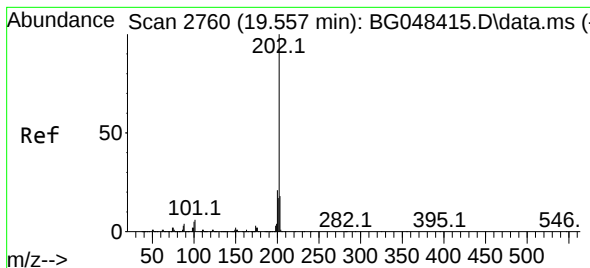
Tgt Ion:167 Resp: 623060
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.7 28.1
 139 12.9 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 44.08 ng
 RT: 18.446 min Scan# 2571
 Delta R.T. -0.009 min
 Lab File: BG048505.D
 Acq: 25 Mar 2021 17:04

Tgt Ion:149 Resp: 733478
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.2 12.4
 104 7.7 3.8 5.8#

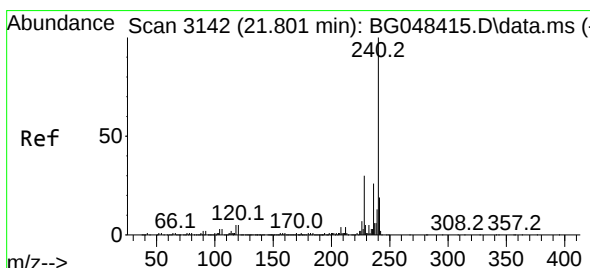
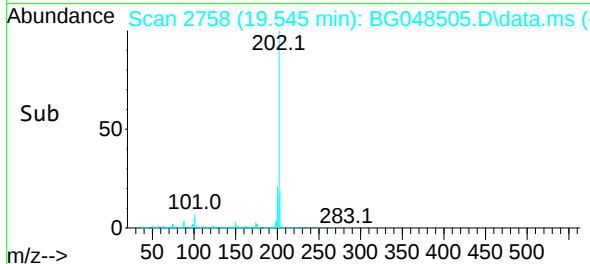
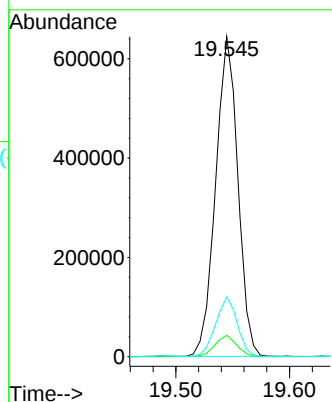
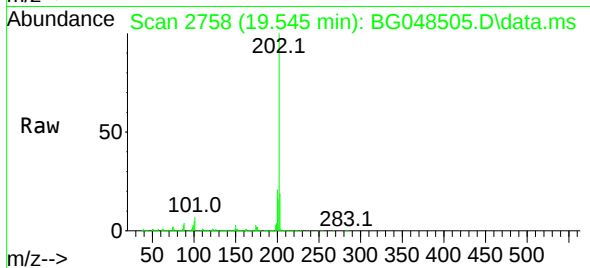




#75
Fluoranthene
Concen: 41.35 ng
RT: 19.545 min Scan# 2758
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

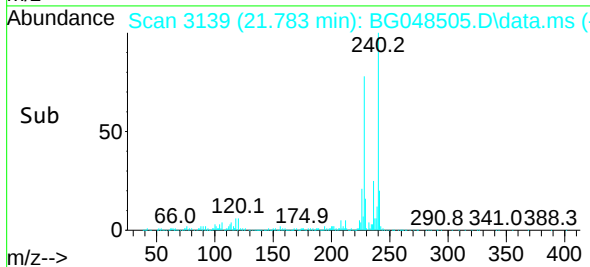
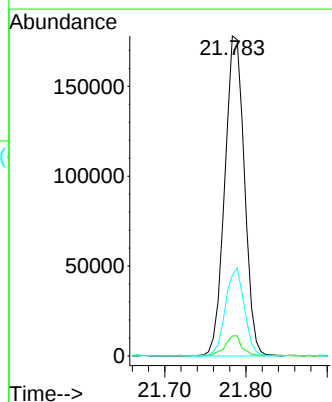
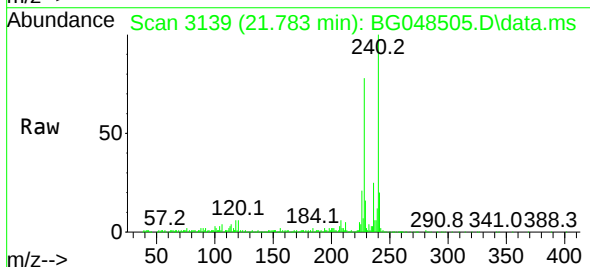
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

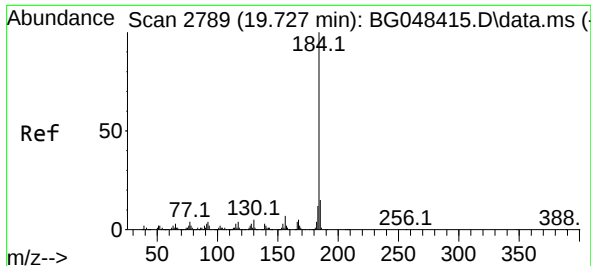
Tgt Ion:202 Resp: 874758
Ion Ratio Lower Upper
202 100
101 6.7 0.0 29.7
203 18.7 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.783 min Scan# 3139
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:240 Resp: 299181
Ion Ratio Lower Upper
240 100
120 6.2 6.2 9.4
236 25.3 20.5 30.7

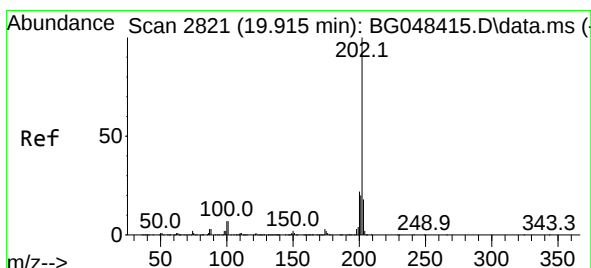
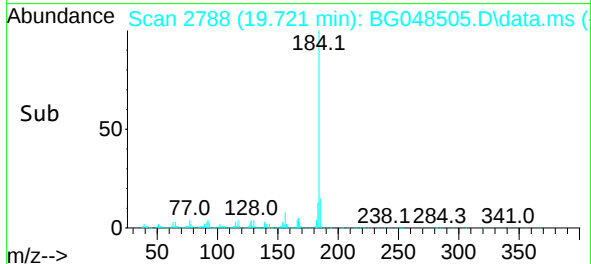
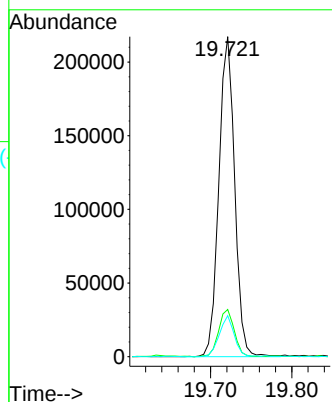
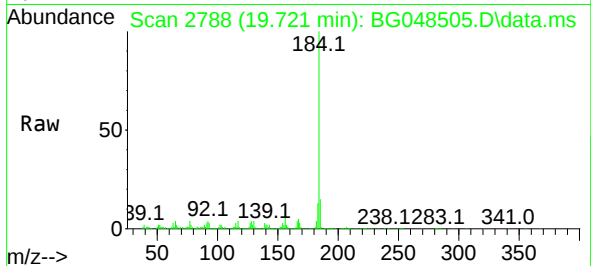




#77
Benzidine
Concen: 32.84 ng
RT: 19.721 min Scan# 2788
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

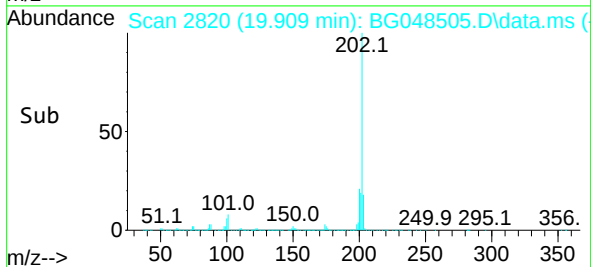
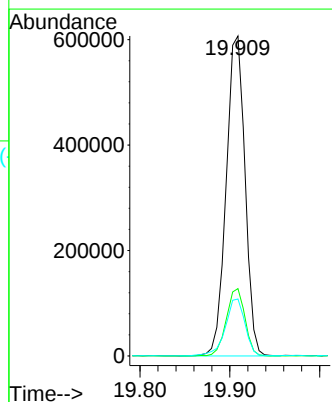
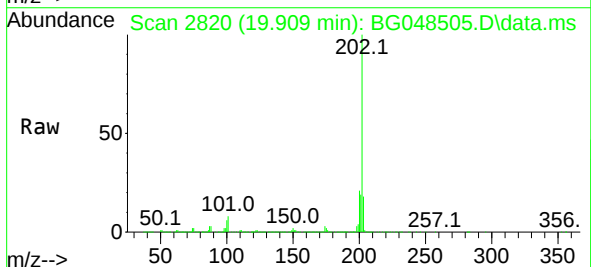
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

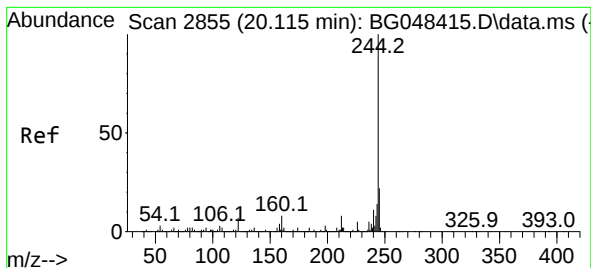
Tgt Ion:184 Resp: 294273
Ion Ratio Lower Upper
184 100
185 14.8 12.4 18.6
183 12.8 10.6 15.8



#78
Pyrene
Concen: 43.04 ng
RT: 19.909 min Scan# 2820
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:202 Resp: 884363
Ion Ratio Lower Upper
202 100
200 21.1 18.6 27.8
203 17.8 15.3 22.9





#79

Terphenyl-d14

Concen: 49.82 ng

RT: 20.097 min Scan# 2852

Delta R.T. -0.009 min

Lab File: BG048505.D

Acq: 25 Mar 2021 17:04

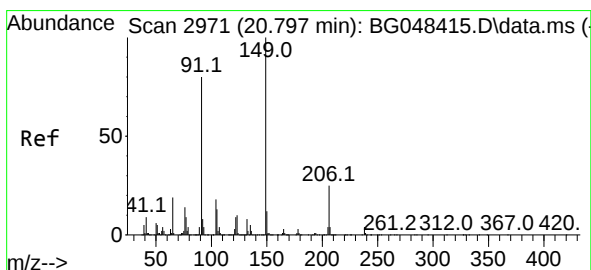
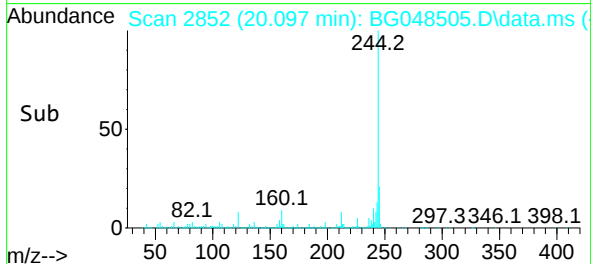
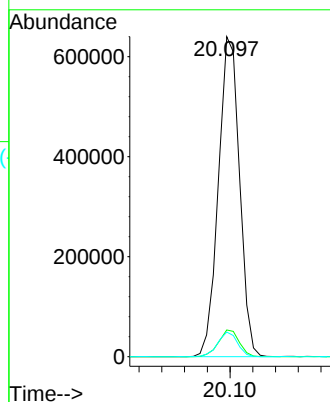
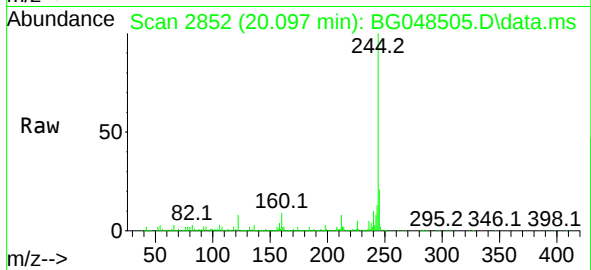
Tgt Ion:244 Resp: 826451

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

122 7.7 7.8 11.6#



#80

Butylbenzylphthalate

Concen: 46.92 ng

RT: 20.784 min Scan# 2969

Delta R.T. -0.009 min

Lab File: BG048505.D

Acq: 25 Mar 2021 17:04

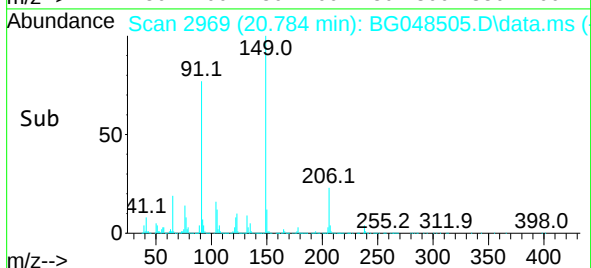
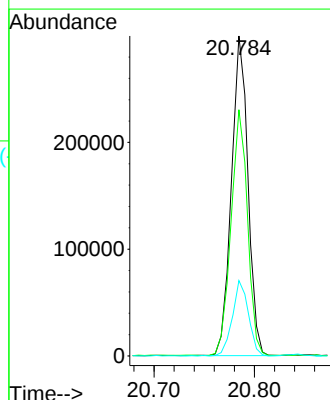
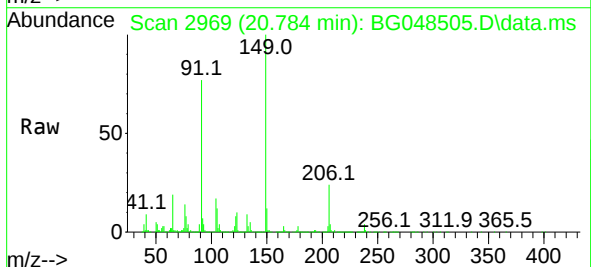
Tgt Ion:149 Resp: 342670

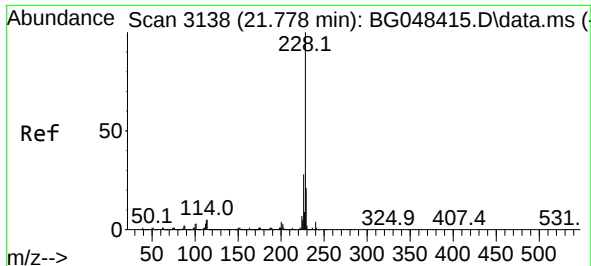
Ion Ratio Lower Upper

149 100

91 77.0 51.5 77.3

206 23.6 21.2 31.8

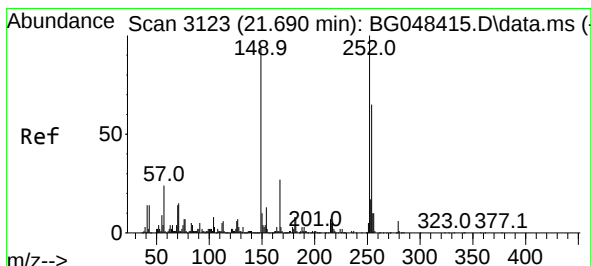
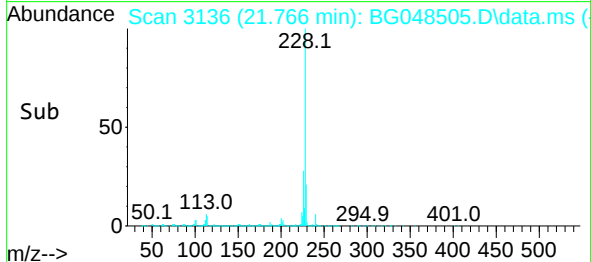
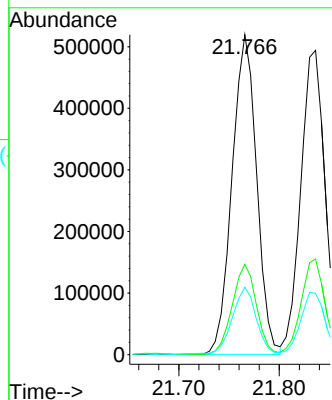
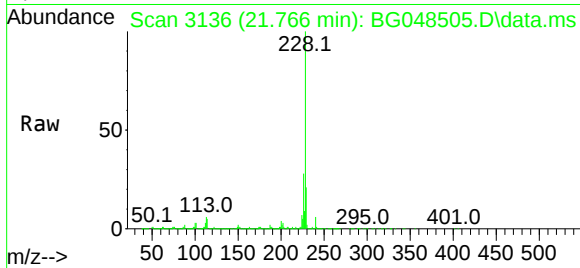




#81
Benzo(a)anthracene
Concen: 42.61 ng
RT: 21.766 min Scan# 3136
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

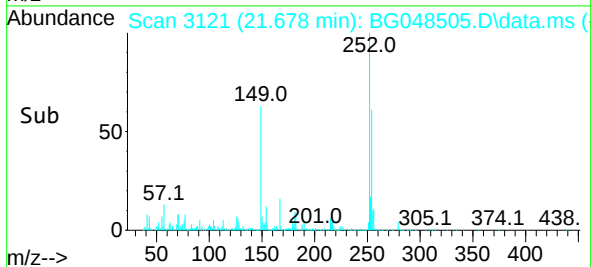
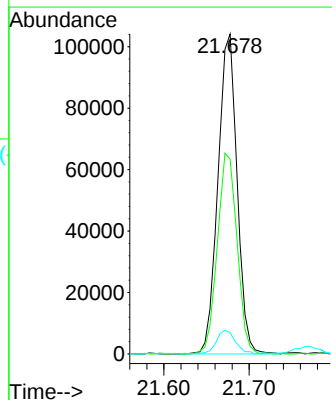
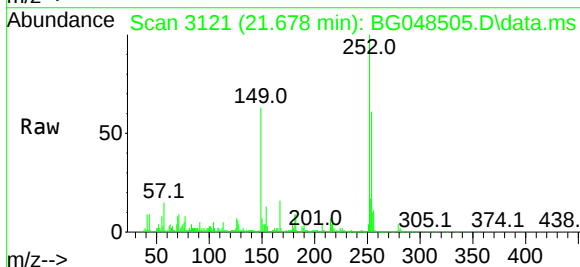
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

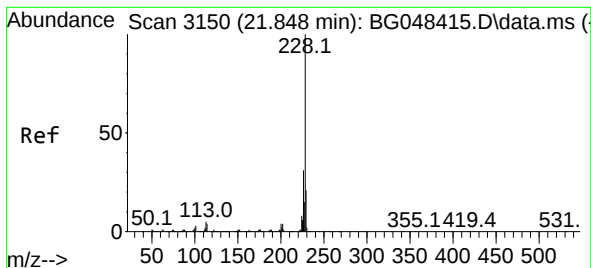
Tgt Ion:228 Resp: 884101
Ion Ratio Lower Upper
228 100
226 28.3 23.3 34.9
229 21.1 17.4 26.0



#82
3,3'-Dichlorobenzidine
Concen: 21.69 ng
RT: 21.678 min Scan# 3121
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:252 Resp: 162395
Ion Ratio Lower Upper
252 100
254 60.9 53.2 79.8
126 6.7 6.8 10.2#





#83

Chrysene

Concen: 41.17 ng

RT: 21.836 min Scan# 3148

Delta R.T. -0.003 min

Lab File: BG048505.D

Acq: 25 Mar 2021 17:04

Instrument :

BNA_G

ClientSampleId :

SP-MANHOLES

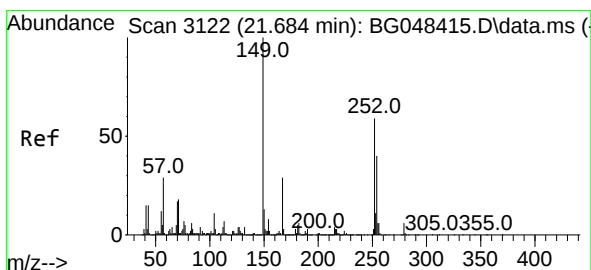
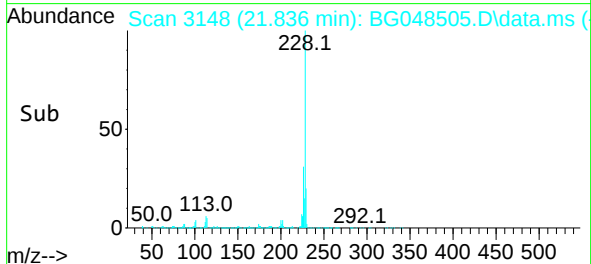
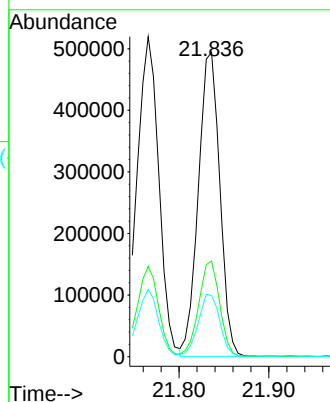
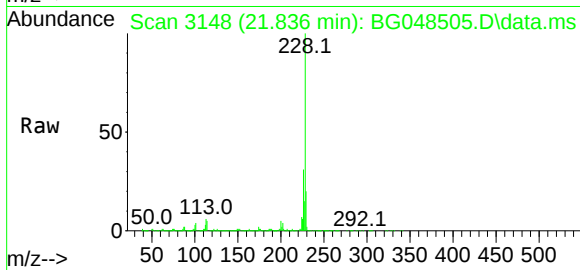
Tgt Ion:228 Resp: 818971

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.4

229 20.1 17.3 25.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.95 ng

RT: 21.660 min Scan# 3118

Delta R.T. -0.009 min

Lab File: BG048505.D

Acq: 25 Mar 2021 17:04

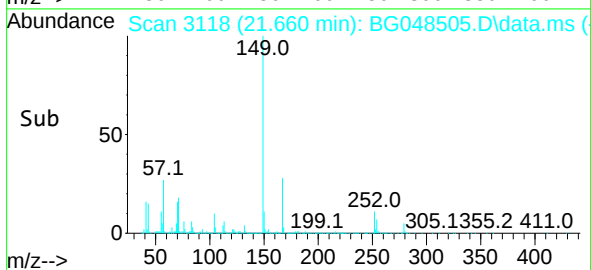
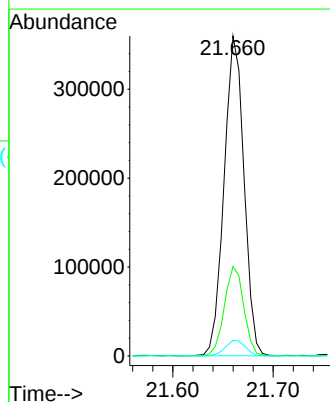
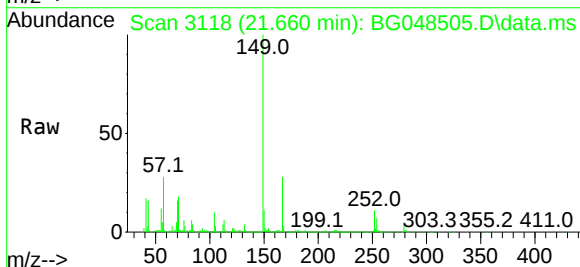
Tgt Ion:149 Resp: 493914

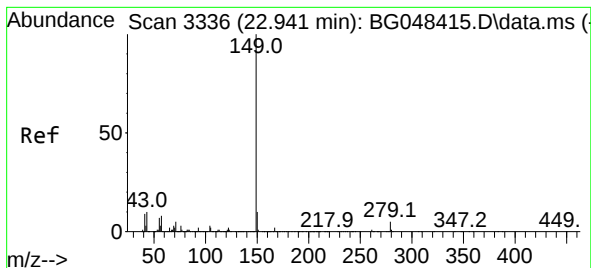
Ion Ratio Lower Upper

149 100

167 28.0 24.8 37.2

279 4.9 4.6 7.0

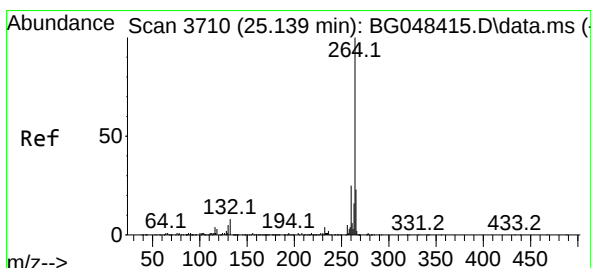
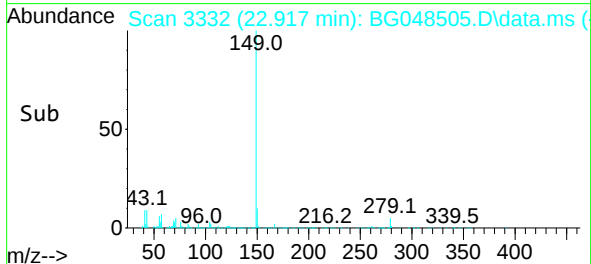
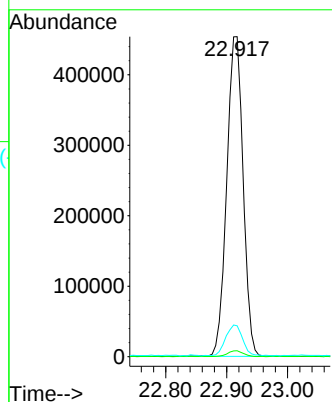
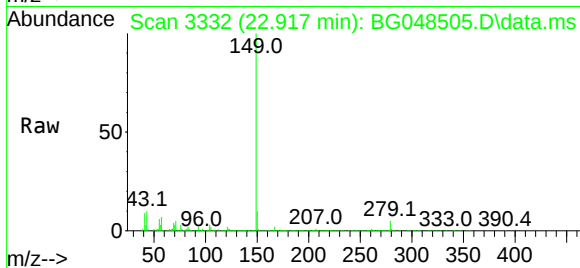




#85
Di-n-octyl phthalate
Concen: 50.10 ng
RT: 22.917 min Scan# 3332
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

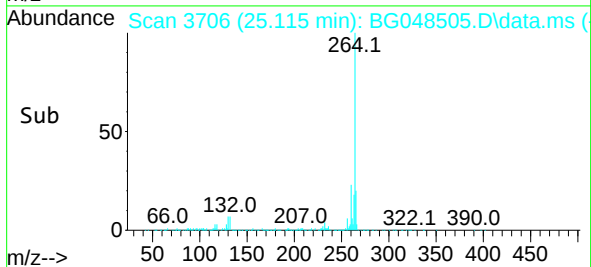
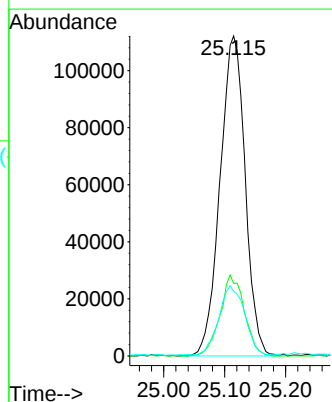
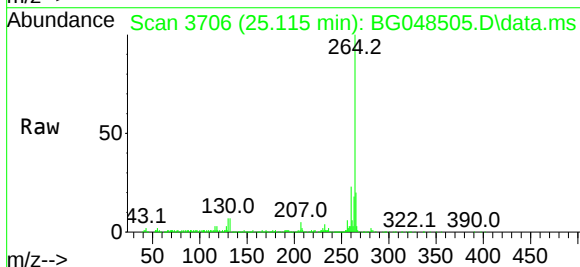
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

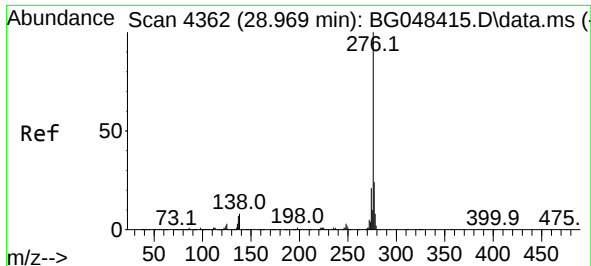
Tgt Ion:149 Resp: 846466
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 10.0 6.8 10.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.115 min Scan# 3706
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

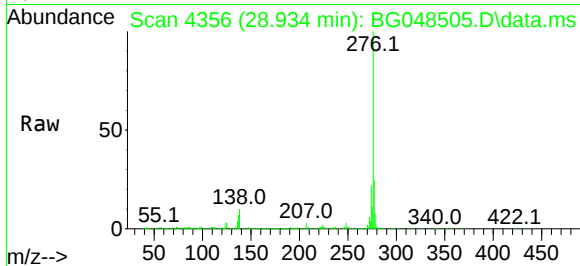
Tgt Ion:264 Resp: 320874
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 20.1 17.8 26.8



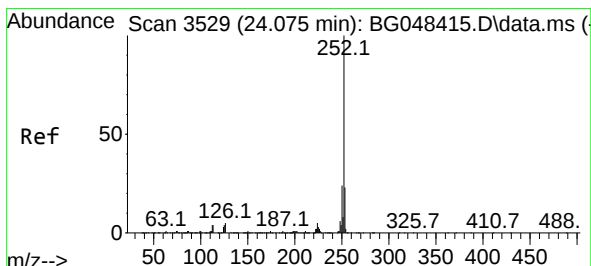
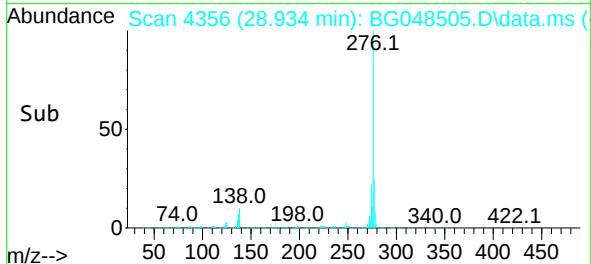
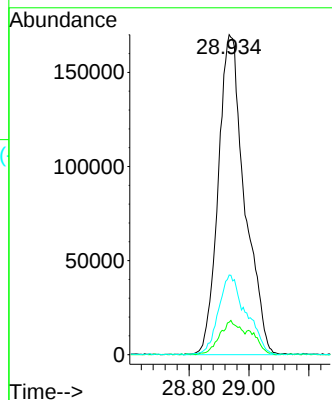


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.51 ng
 RT: 28.934 min Scan# 4356
 Delta R.T. -0.015 min
 Lab File: BG048505.D
 Acq: 25 Mar 2021 17:04

Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLES

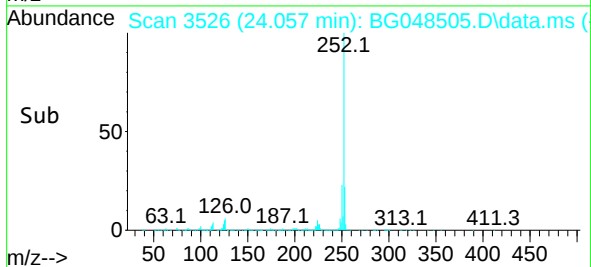
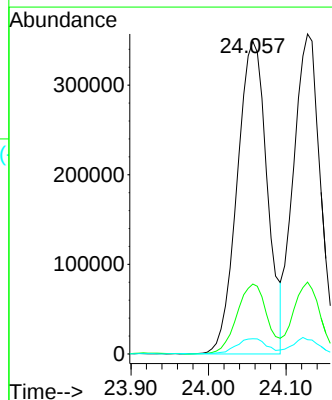
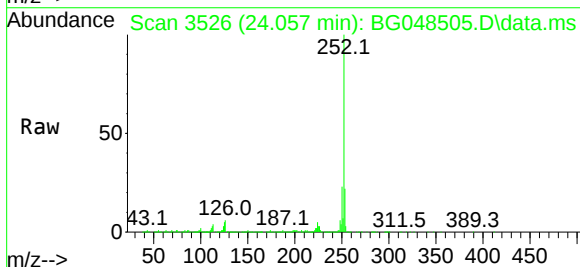


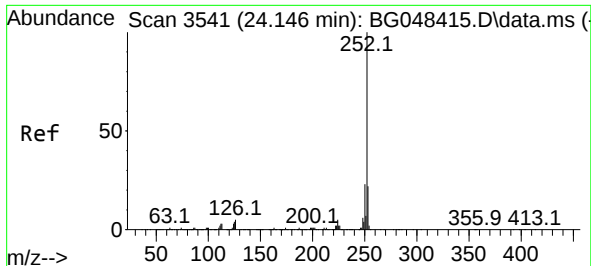
Tgt Ion:276 Resp: 1040248
 Ion Ratio Lower Upper
 276 100
 138 8.8 16.2 24.2#
 277 26.2 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 41.60 ng
 RT: 24.057 min Scan# 3526
 Delta R.T. -0.003 min
 Lab File: BG048505.D
 Acq: 25 Mar 2021 17:04

Tgt Ion:252 Resp: 940648
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.7 28.1
 125 4.9 6.5 9.7#

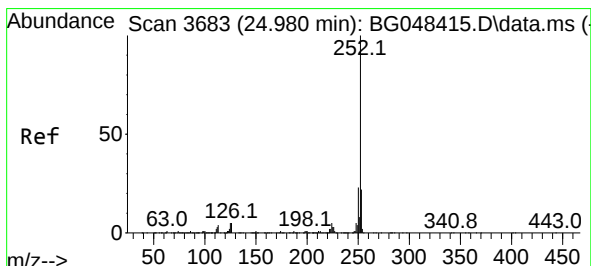
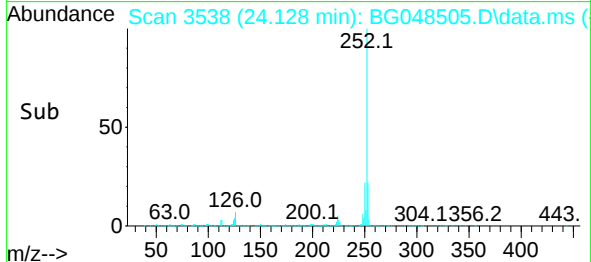
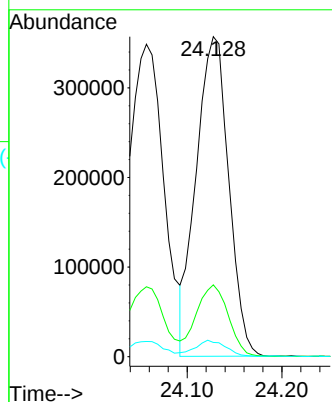
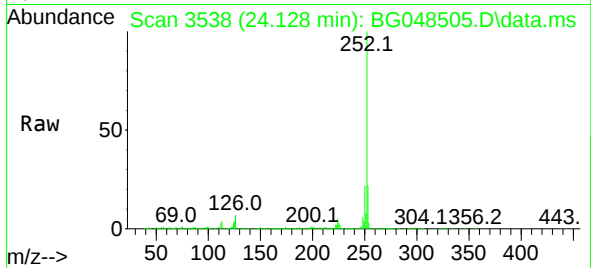




#89
Benzo(k)fluoranthene
Concen: 39.80 ng
RT: 24.128 min Scan# 3538
Delta R.T. -0.003 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

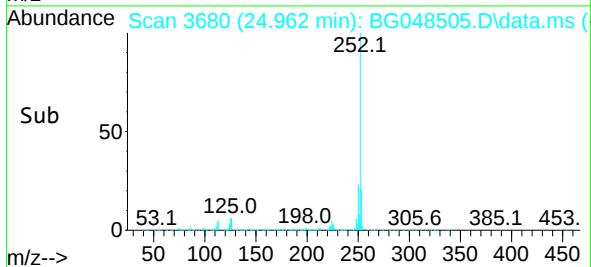
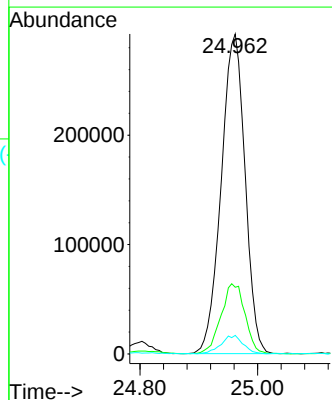
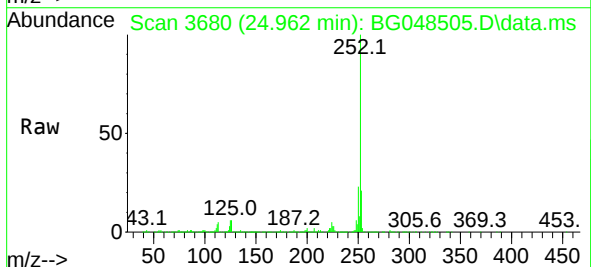
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

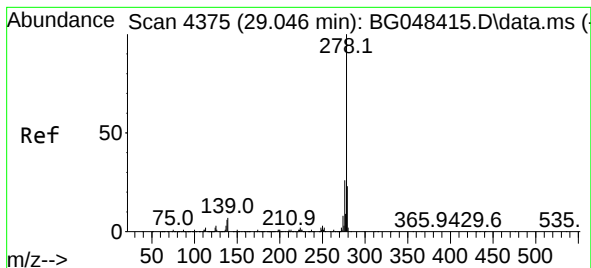
Tgt Ion:252 Resp: 849094
Ion Ratio Lower Upper
252 100
253 22.4 18.6 27.8
125 4.5 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 39.87 ng
RT: 24.962 min Scan# 3680
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:252 Resp: 822058
Ion Ratio Lower Upper
252 100
253 20.9 17.9 26.9
125 5.8 7.0 10.4#

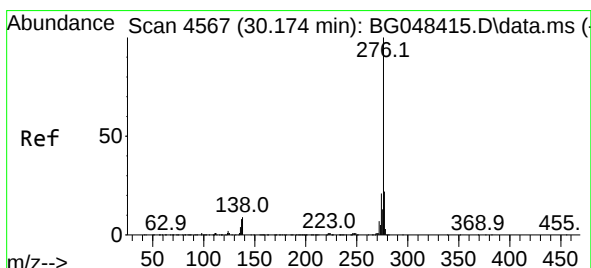
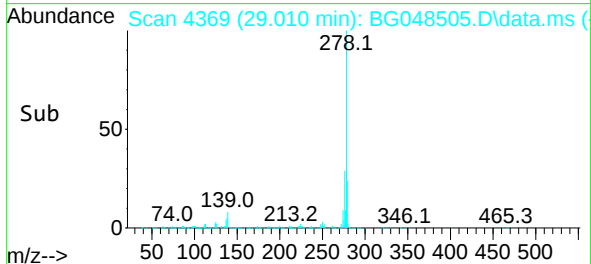
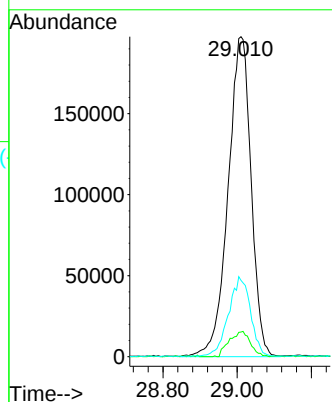
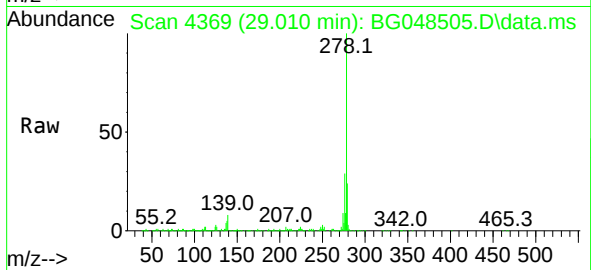




#91
Dibenzo(a,h)anthracene
Concen: 40.75 ng
RT: 29.010 min Scan# 4369
Delta R.T. -0.009 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLES

Tgt Ion:278 Resp: 850554
Ion Ratio Lower Upper
278 100
139 7.7 10.5 15.7#
279 23.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 42.23 ng
RT: 30.132 min Scan# 4560
Delta R.T. -0.015 min
Lab File: BG048505.D
Acq: 25 Mar 2021 17:04

Tgt Ion:276 Resp: 855400
Ion Ratio Lower Upper
276 100
277 25.2 19.6 29.4
138 9.9 13.4 20.2#

