

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048506.D
 Acq On : 25 Mar 2021 17:45
 Operator : CG/JU
 Sample : M1682-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLEMSD

Quant Time: Mar 25 18:36:47 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	51581	20.00	ng	0.00
21) Naphthalene-d8	10.925	136	202451	20.00	ng	# 0.00
39) Acenaphthene-d10	14.744	164	138685	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	303480	20.00	ng	# 0.00
76) Chrysene-d12	21.789	240	303662	20.00	ng	# 0.00
86) Perylene-d12	25.114	264	322495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	281130	90.13	ng	0.00
7) Phenol-d6	7.259	99	373561	82.31	ng	0.00
23) Nitrobenzene-d5	9.268	82	276401	54.59	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	183592	81.40	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	531738	55.16	ng	0.00
79) Terphenyl-d14	20.103	244	844369	50.15	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.516	88	43989	33.43	ng	# 94
3) Pyridine	3.922	79	125219	34.13	ng	# 85
4) n-Nitrosodimethylamine	3.833	42	84528	39.65	ng	# 68
6) Aniline	7.418	93	127548	23.76	ng	94
8) 2-Chlorophenol	7.664	128	146223	44.95	ng	92
9) Benzaldehyde	7.229	77	131385	56.96	ng	# 81
10) Phenol	7.282	94	209327	45.01	ng	74
11) bis(2-Chloroethyl)ether	7.511	93	136689	41.94	ng	97
12) 1,3-Dichlorobenzene	7.987	146	153630	39.70	ng	# 86
13) 1,4-Dichlorobenzene	8.457	146	153969	40.09	ng	94
14) 1,2-Dichlorobenzene	8.457	146	153969	41.78	ng	93
15) Benzyl Alcohol	8.340	79	165550	41.08	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.622	45	145606	39.08	ng	87
17) 2-Methylphenol	8.546	107	129386	43.87	ng	# 84
18) Hexachloroethane	9.198	117	60765	41.13	ng	96
19) n-Nitroso-di-n-propyla...	8.904	70	129003	38.29	ng	97
20) 3+4-Methylphenols	8.875	107	183034	45.31	ng	86
22) Acetophenone	8.922	105	230161	40.43	ng	# 92
24) Nitrobenzene	9.309	77	201173	37.09	ng	# 83
25) Isophorone	9.838	82	347306	35.83	ng	# 91
26) 2-Nitrophenol	10.026	139	80455	39.02	ng	# 56
27) 2,4-Dimethylphenol	10.079	122	146914	45.66	ng	89
28) bis(2-Chloroethoxy)met...	10.314	93	183238	41.71	ng	98
29) 2,4-Dichlorophenol	10.567	162	149007	39.91	ng	96
30) 1,2,4-Trichlorobenzene	10.784	180	166062	36.80	ng	95
31) Naphthalene	10.972	128	436670	38.90	ng	98
32) Benzoic acid	10.226	122	110159	44.00	ng	# 86
33) 4-Chloroaniline	11.078	127	60763	12.66	ng	# 91
34) Hexachlorobutadiene	11.254	225	121624	34.00	ng	96
35) Caprolactam	11.906	113	15440	11.58	ng	95
36) 4-Chloro-3-methylphenol	12.200	107	169021	39.00	ng	89
37) 2-Methylnaphthalene	12.576	142	334627	39.06	ng	# 94
38) 1-Methylnaphthalene	12.576	142	334627	41.53	ng	95
40) 1,2,4,5-Tetrachloroben...	12.940	216	192431	38.00	ng	# 94
41) Hexachlorocyclopentadiene	12.917	237	236927	72.36	ng	99
43) 2,4,6-Trichlorophenol	13.175	196	134457	39.17	ng	96

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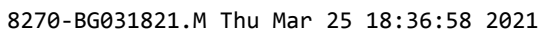
Instrument :
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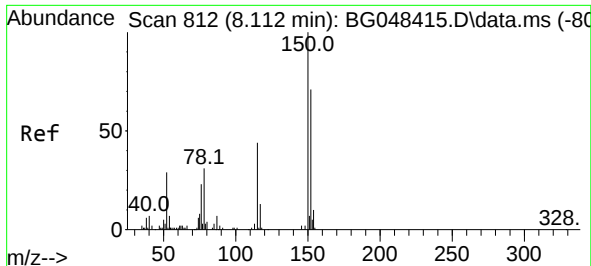
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.252	196	144395	38.22	ng	#	89
46) 1,1'-Biphenyl	13.575	154	428866	43.09	ng		99
47) 2-Chloronaphthalene	13.622	162	331910	41.36	ng		94
48) 2-Nitroaniline	13.822	65	126872	42.71	ng	#	76
49) Acenaphthylene	14.468	152	543565	41.83	ng		98
50) Dimethylphthalate	14.192	163	440046	38.99	ng		98
51) 2,6-Dinitrotoluene	14.309	165	95768	39.43	ng	#	62
52) Acenaphthene	14.809	154	337837	38.68	ng		99
53) 3-Nitroaniline	14.638	138	47420	20.39	ng	#	86
54) 2,4-Dinitrophenol	14.844	184	119158	80.37	ng	#	48
55) Dibenzofuran	15.144	168	510590	39.25	ng		93
56) 4-Nitrophenol	14.950	139	165731	79.63	ng	#	42
57) 2,4-Dinitrotoluene	15.097	165	134279	38.93	ng	#	62
58) Fluorene	15.790	166	407838	37.36	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.367	232	134048	35.96	ng	#	88
60) Diethylphthalate	15.555	149	446585	40.48	ng		96
61) 4-Chlorophenyl-phenyle...	15.778	204	232215	36.97	ng		91
62) 4-Nitroaniline	15.808	138	87404	34.31	ng	#	52
63) Azobenzene	16.072	77	450984	37.56	ng		86
65) 4,6-Dinitro-2-methylph...	15.861	198	76871	40.22	ng		78
66) n-Nitrosodiphenylamine	15.996	169	375878	42.75	ng		99
67) 4-Bromophenyl-phenylether	16.677	248	150069	39.26	ng	#	91
68) Hexachlorobenzene	16.795	284	168204	41.07	ng	#	95
69) Atrazine	16.942	200	156020	44.12	ng		98
70) Pentachlorophenol	17.141	266	223068	81.93	ng		94
71) Phenanthrene	17.535	178	704873	43.97	ng		97
72) Anthracene	17.629	178	691565	43.48	ng		99
73) Carbazole	17.893	167	628961	41.47	ng		97
74) Di-n-butylphthalate	18.446	149	740854	44.13	ng	#	97
75) Fluoranthene	19.544	202	886730	41.54	ng		96
77) Benzidine	19.721	184	302064	33.21	ng		96
78) Pyrene	19.909	202	883890	42.38	ng		97
80) Butylbenzylphthalate	20.784	149	340995	46.00	ng	#	85
81) Benzo(a)anthracene	21.765	228	881227	41.84	ng		99
82) 3,3'-Dichlorobenzidine	21.677	252	195553	25.73	ng		96
83) Chrysene	21.836	228	834950	41.35	ng		98
84) Bis(2-ethylhexyl)phtha...	21.666	149	500533	48.87	ng		94
85) Di-n-octyl phthalate	22.917	149	850053	49.57	ng		96
87) Indeno(1,2,3-cd)pyrene	28.933	276	1052164	42.78	ng	#	84
88) Benzo(b)fluoranthene	24.057	252	939594	41.35	ng	#	97
89) Benzo(k)fluoranthene	24.127	252	844130	39.37	ng	#	95
91) Dibenzo(a,h)anthracene	29.010	278	852503	40.63	ng	#	96
92) Benzo(g,h,i)perylene	30.138	276	857794	42.14	ng	#	93

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

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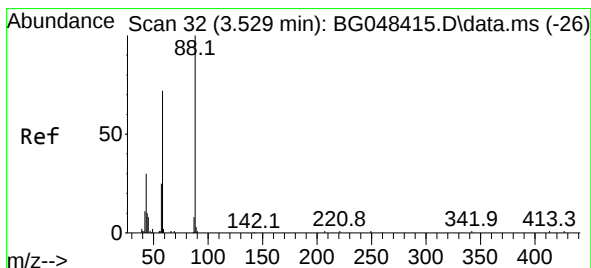
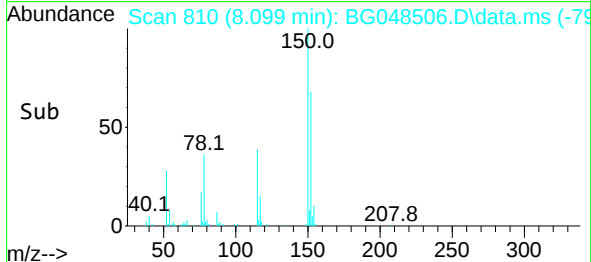
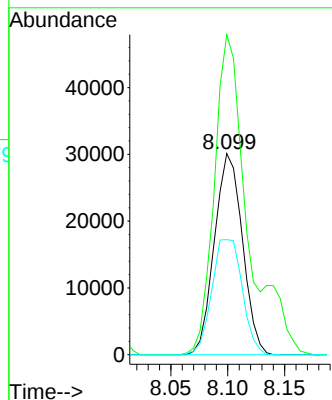
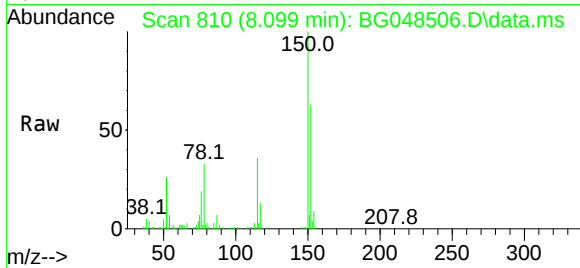




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.099 min Scan# 810
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

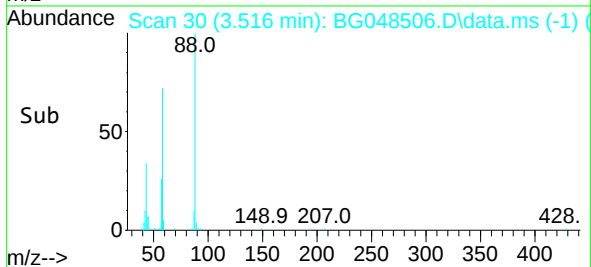
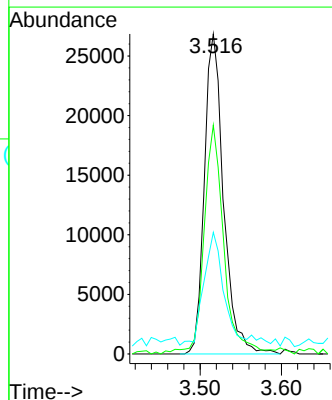
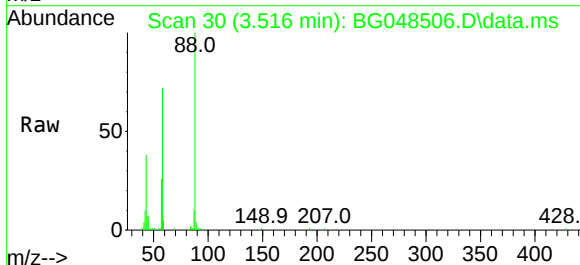
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ClientSampleId :
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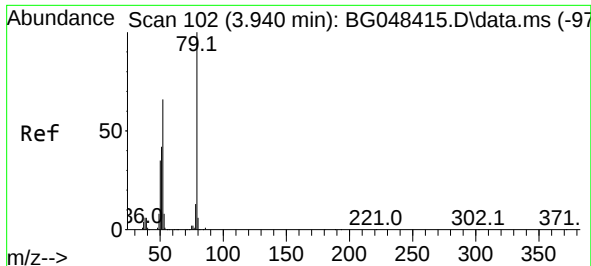
Tgt Ion:152 Resp: 51581
Ion Ratio Lower Upper
152 100
150 159.1 125.0 187.6
115 57.2 41.8 62.6



#2
1,4-Dioxane
Concen: 33.43 ng
RT: 3.516 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 88 Resp: 43989
Ion Ratio Lower Upper
88 100
58 73.3 61.6 92.4
43 33.0 21.3 31.9

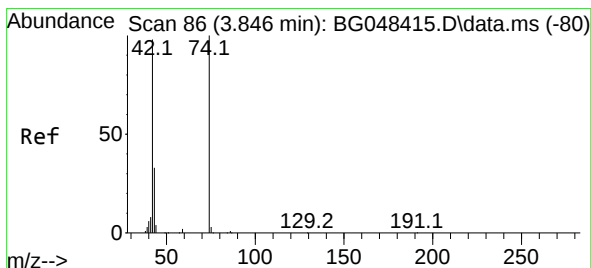
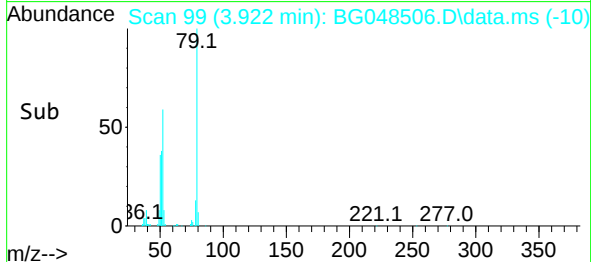
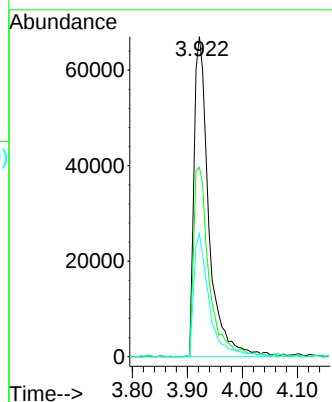
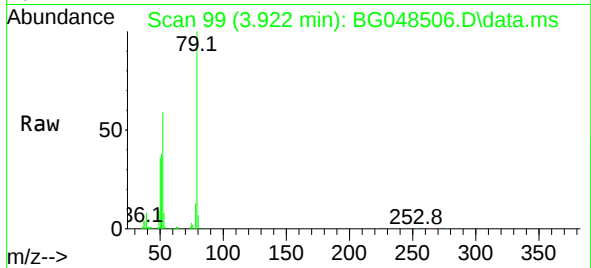




#3
Pyridine
Concen: 34.13 ng
RT: 3.922 min Scan# 99
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

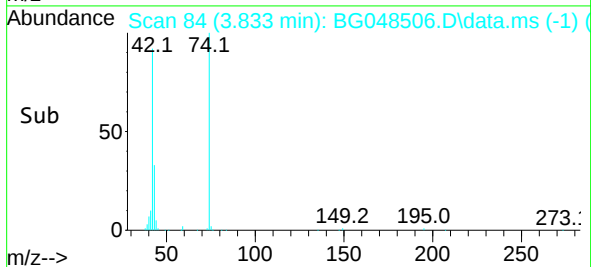
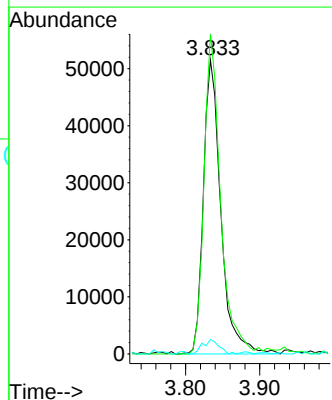
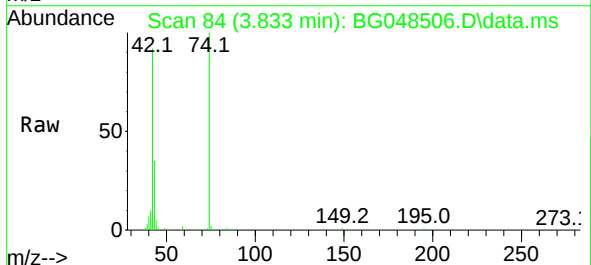
Instrument :
BNA_G
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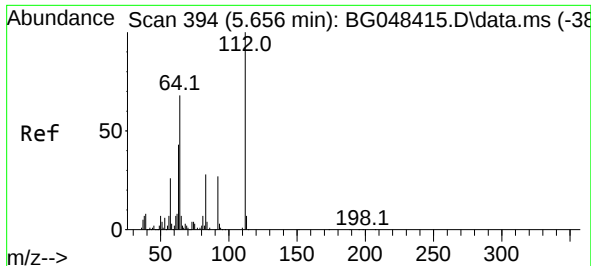
Tgt Ion: 79 Resp: 125219
Ion Ratio Lower Upper
79 100
52 59.2 61.3 91.9#
51 38.5 28.4 42.6



#4
n-Nitrosodimethylamine
Concen: 39.65 ng
RT: 3.833 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 42 Resp: 84528
Ion Ratio Lower Upper
42 100
74 108.9 120.4 180.6#
44 5.0 6.2 9.2#

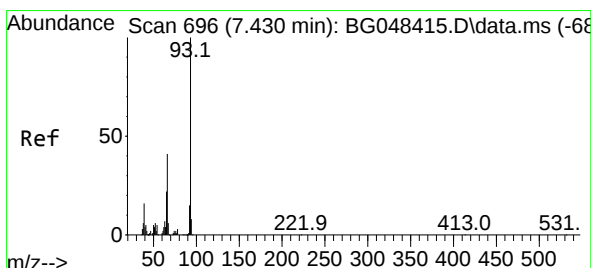
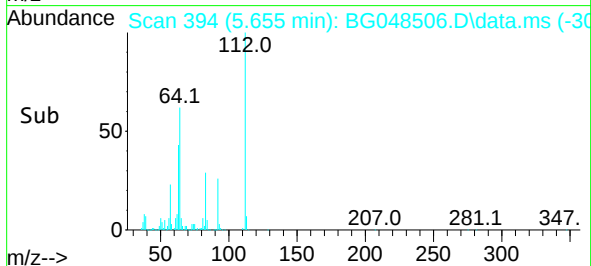
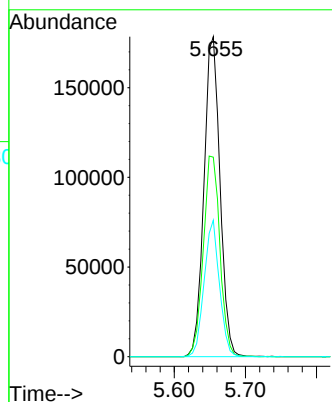
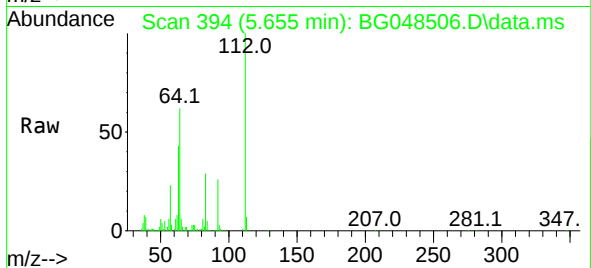




#5
2-Fluorophenol
Concen: 90.13 ng
RT: 5.655 min Scan# 394
Delta R.T. 0.008 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

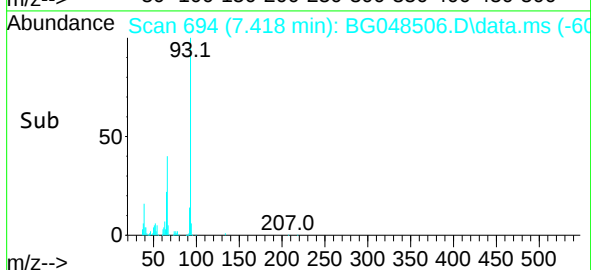
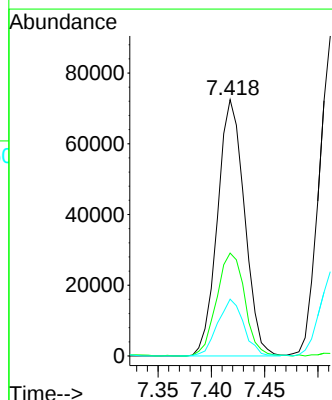
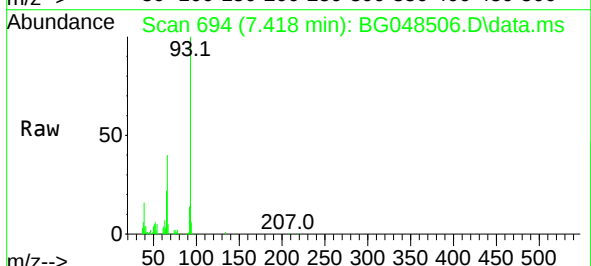
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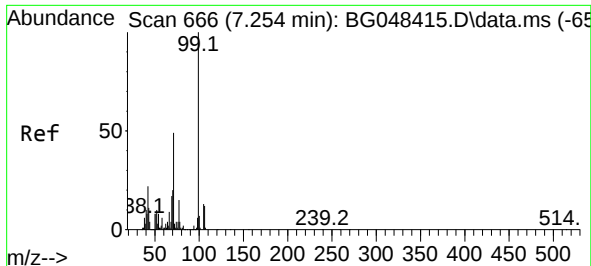
Tgt Ion:112 Resp: 281130
Ion Ratio Lower Upper
112 100
64 62.4 46.7 70.1
63 42.7 22.8 34.2#



#6
Aniline
Concen: 23.76 ng
RT: 7.418 min Scan# 694
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 93 Resp: 127548
Ion Ratio Lower Upper
93 100
66 40.2 29.5 44.3
65 22.1 15.5 23.3

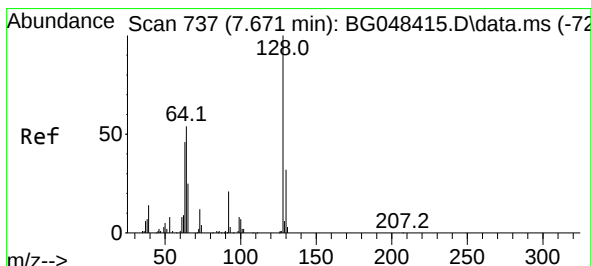
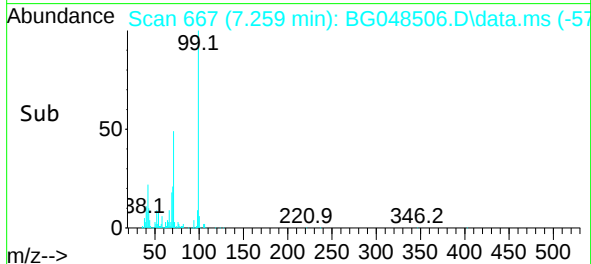
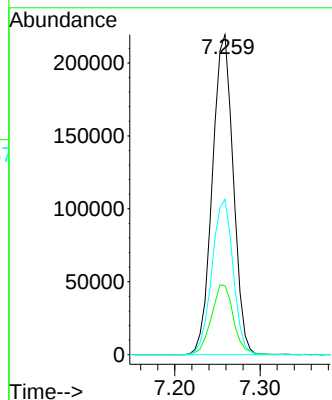
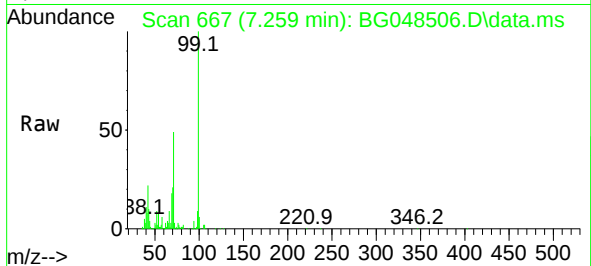




#7
Phenol-d6
Concen: 82.31 ng
RT: 7.259 min Scan# 667
Delta R.T. 0.008 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

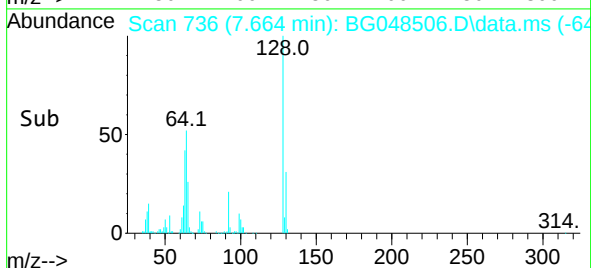
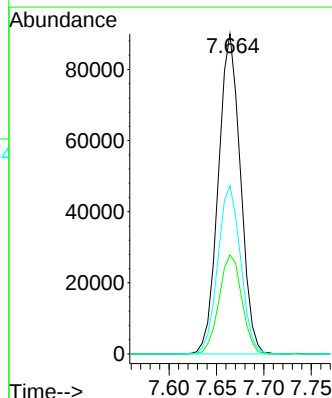
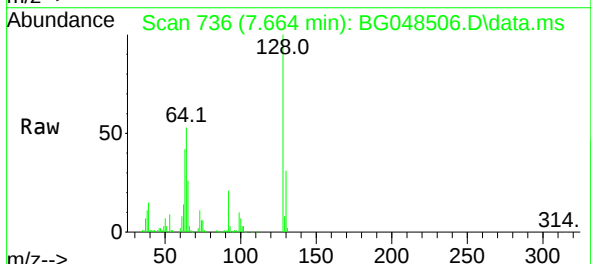
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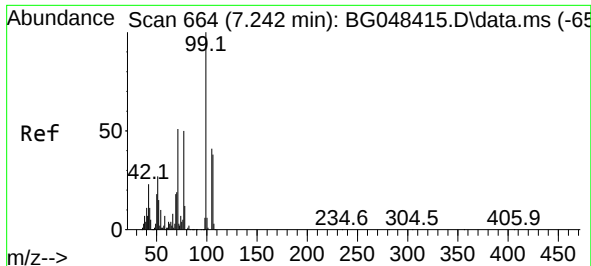
Tgt Ion: 99 Resp: 373561
Ion Ratio Lower Upper
99 100
42 21.5 12.8 19.2#
71 48.6 24.6 36.8#



#8
2-Chlorophenol
Concen: 44.95 ng
RT: 7.664 min Scan# 736
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:128 Resp: 146223
Ion Ratio Lower Upper
128 100
130 31.0 12.6 52.6
64 52.6 24.8 64.8

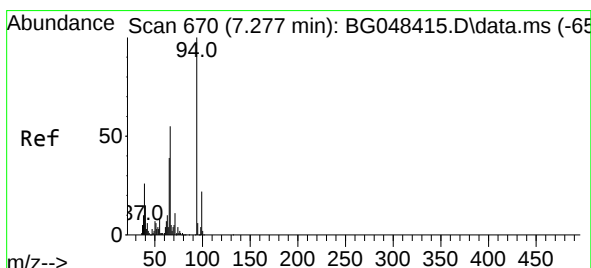
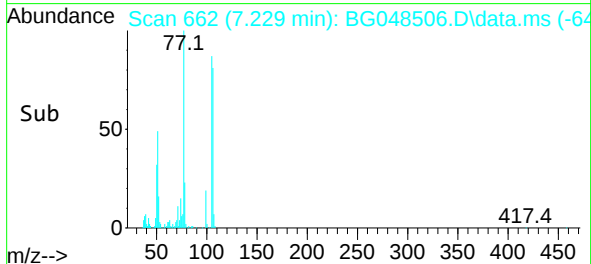
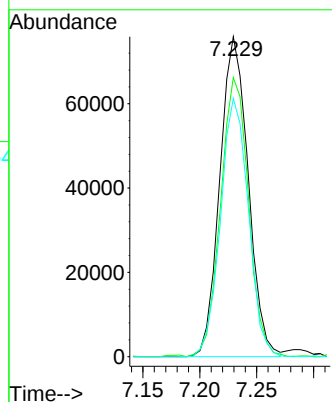
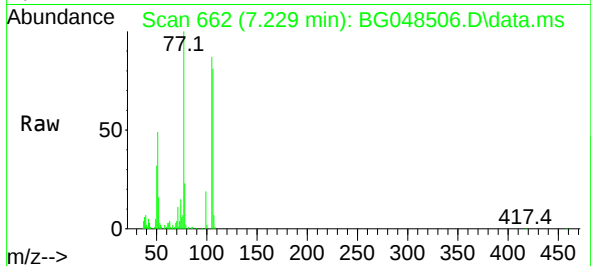




#9
Benzaldehyde
Concen: 56.96 ng
RT: 7.229 min Scan# 662
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

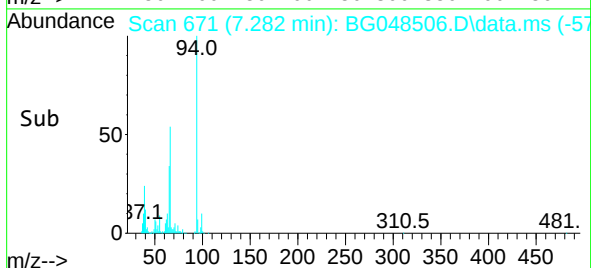
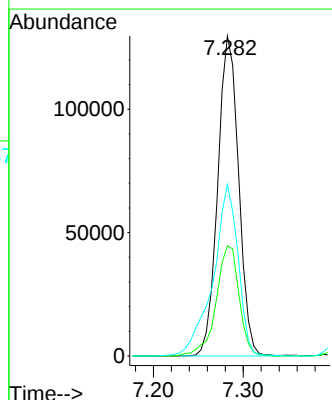
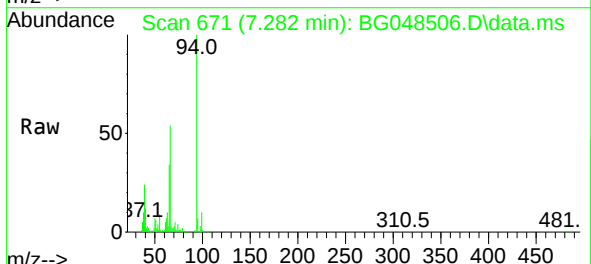
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ClientSampleId :
SP-MANHOLEMSD

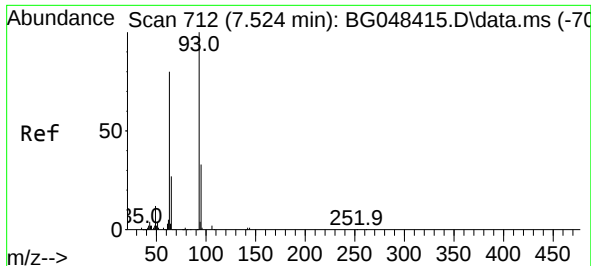
Tgt Ion: 77 Resp: 131385
Ion Ratio Lower Upper
77 100
105 87.2 85.9 125.9
106 80.7 80.9 120.9#



#10
Phenol
Concen: 45.01 ng
RT: 7.282 min Scan# 671
Delta R.T. 0.008 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 94 Resp: 209327
Ion Ratio Lower Upper
94 100
65 34.4 6.6 46.6
66 53.5 13.9 53.9

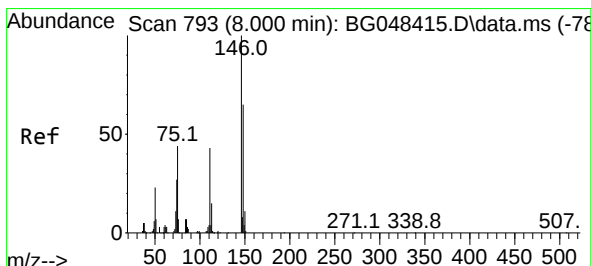
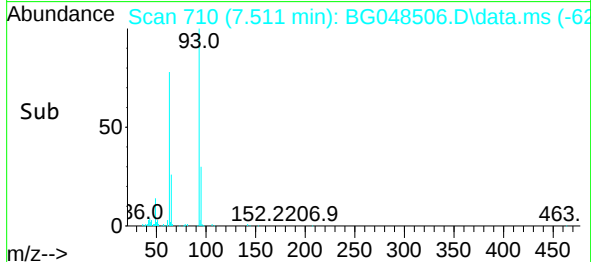
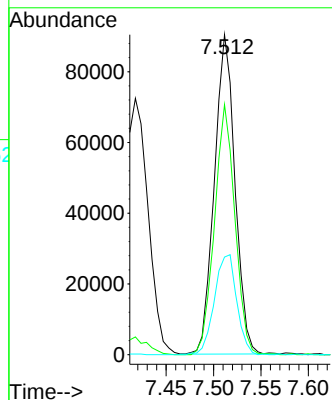
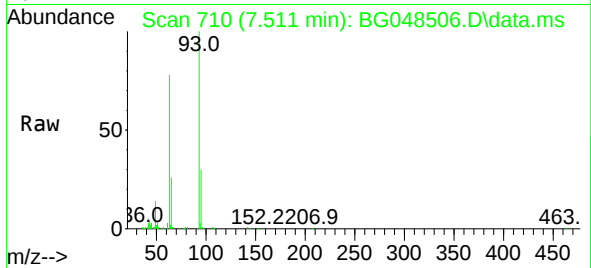




#11
bis(2-Chloroethyl)ether
Concen: 41.94 ng
RT: 7.511 min Scan# 710
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

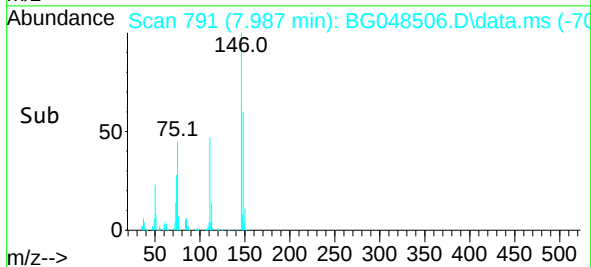
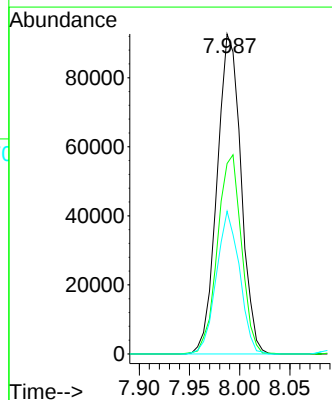
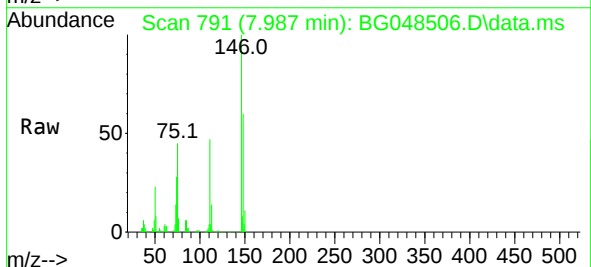
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

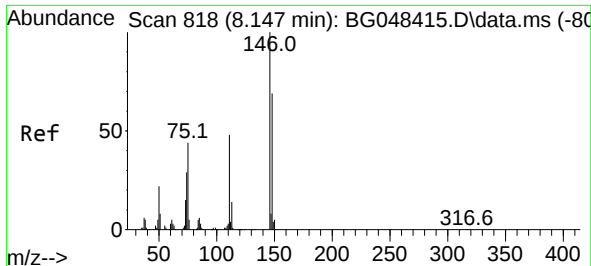
Tgt Ion: 93 Resp: 136689
Ion Ratio Lower Upper
93 100
63 78.2 56.4 96.4
95 30.5 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 39.70 ng
RT: 7.987 min Scan# 791
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:146 Resp: 153630
Ion Ratio Lower Upper
146 100
148 59.5 50.1 75.1
75 44.6 20.1 30.1#

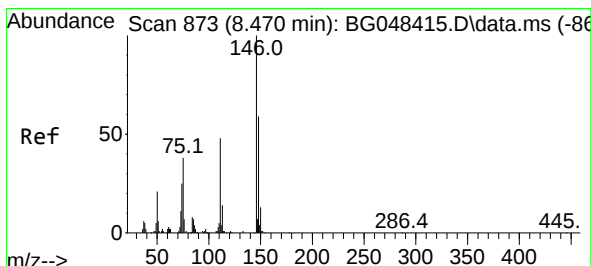
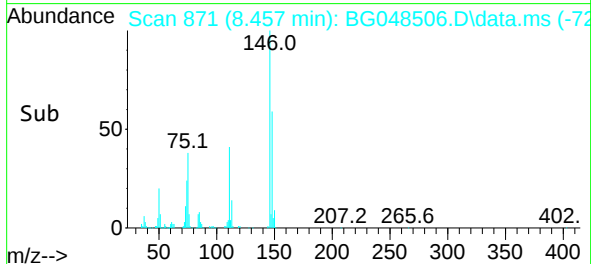
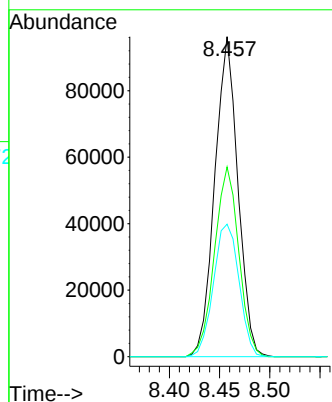
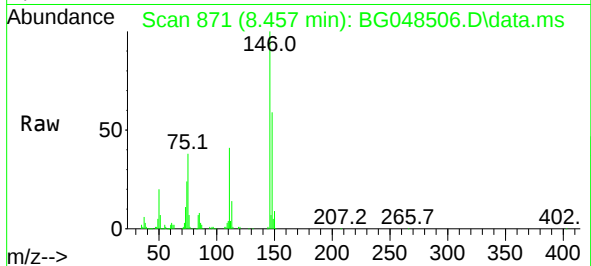




#13
1,4-Dichlorobenzene
Concen: 40.09 ng
RT: 8.457 min Scan# 871
Delta R.T. 0.319 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

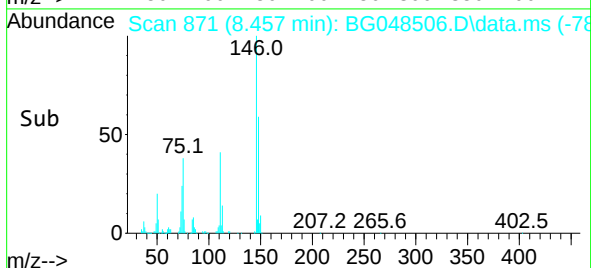
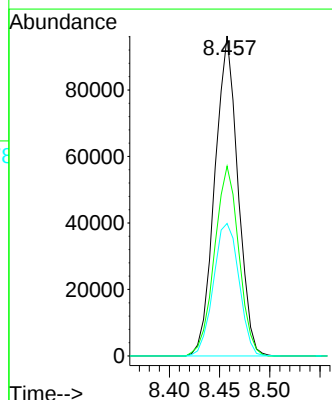
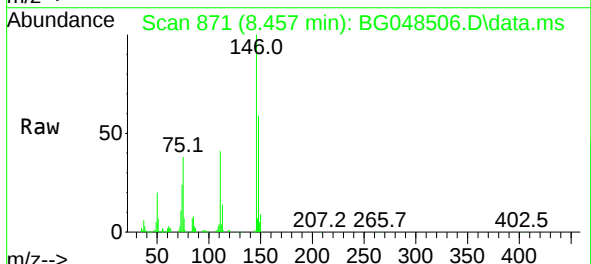
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

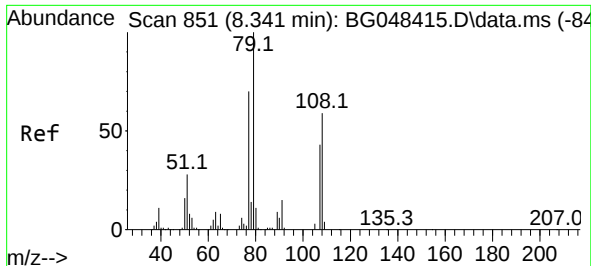
Tgt Ion:146 Resp: 153969
Ion Ratio Lower Upper
146 100
148 59.3 51.1 76.7
111 41.4 29.7 44.5



#14
1,2-Dichlorobenzene
Concen: 41.78 ng
RT: 8.457 min Scan# 871
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

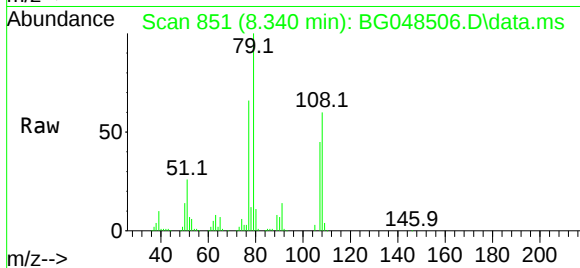
Tgt Ion:146 Resp: 153969
Ion Ratio Lower Upper
146 100
148 59.3 53.0 79.6
111 41.4 30.7 46.1



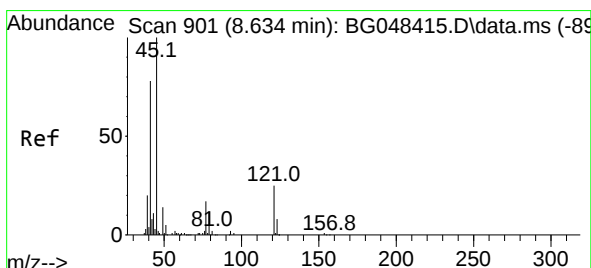
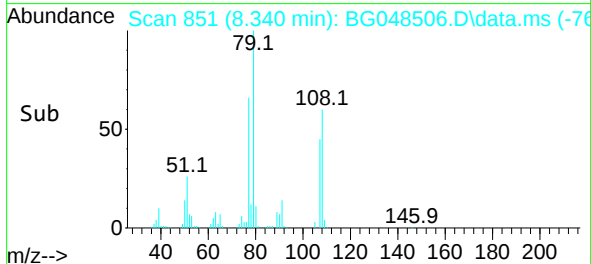
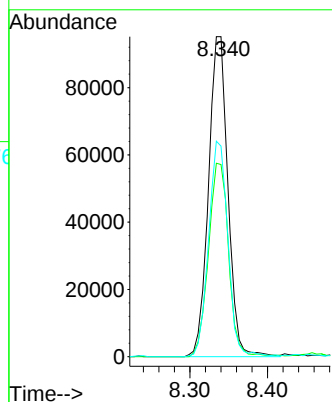


#15
Benzyl Alcohol
Concen: 41.08 ng
RT: 8.340 min Scan# 851
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

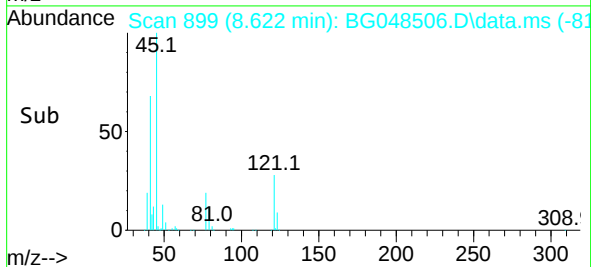
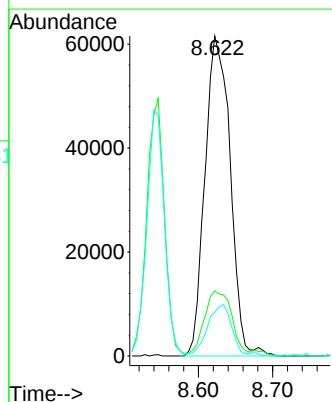
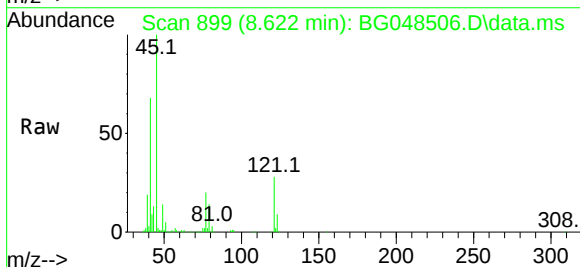


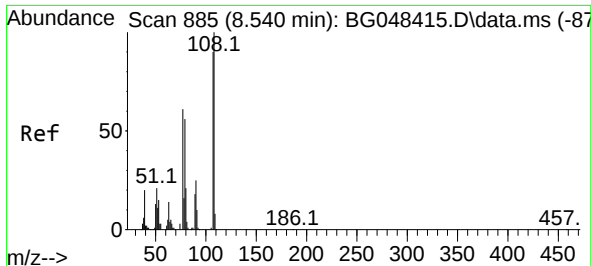
Tgt Ion: 79 Resp: 165550
Ion Ratio Lower Upper
79 100
108 60.1 65.5 98.3#
77 65.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.08 ng
RT: 8.622 min Scan# 899
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 45 Resp: 145606
Ion Ratio Lower Upper
45 100
77 20.4 0.0 33.4
79 13.7 0.0 30.8

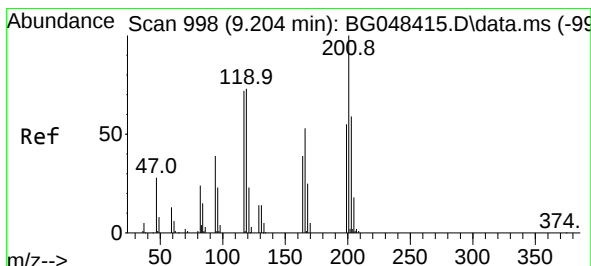
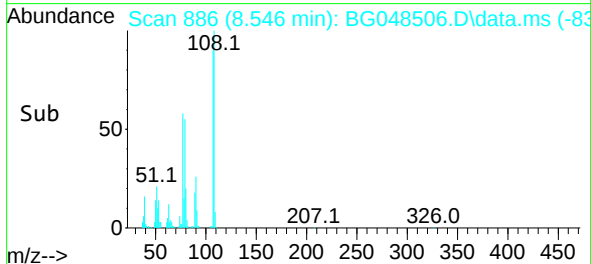
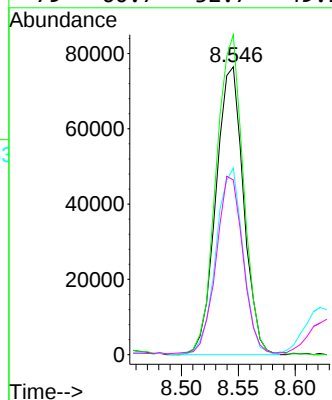
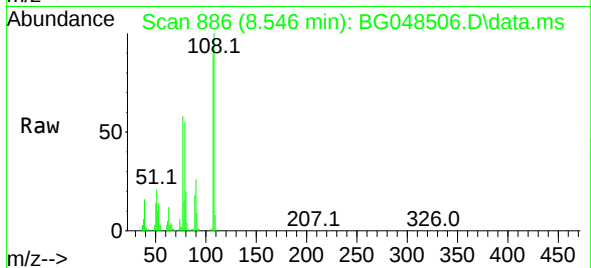




#17
2-Methylphenol
Concen: 43.87 ng
RT: 8.546 min Scan# 886
Delta R.T. 0.008 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

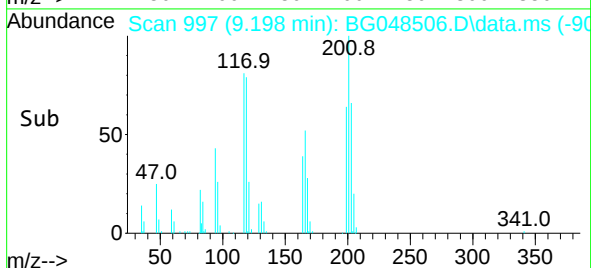
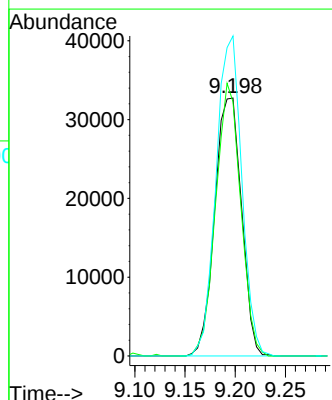
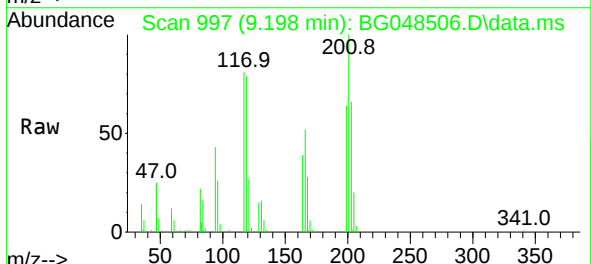
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

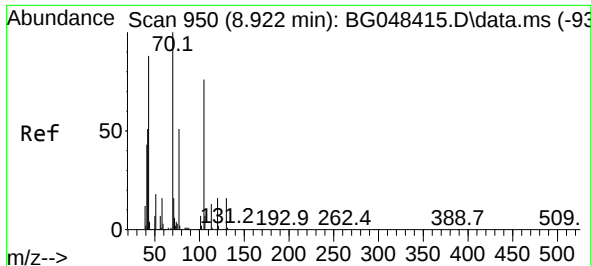
Tgt Ion:107 Resp: 129386
Ion Ratio Lower Upper
107 100
108 111.2 87.2 130.8
77 64.8 33.8 50.8#
79 60.7 32.7 49.1#



#18
Hexachloroethane
Concen: 41.13 ng
RT: 9.198 min Scan# 997
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:117 Resp: 60765
Ion Ratio Lower Upper
117 100
119 98.5 77.5 116.3
201 124.1 104.9 157.3



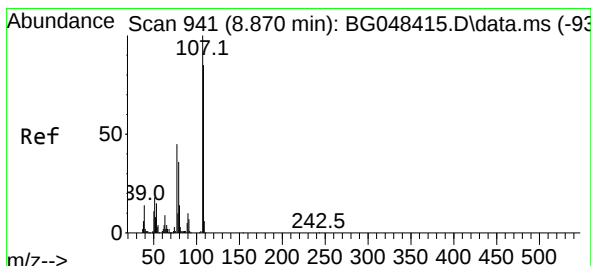
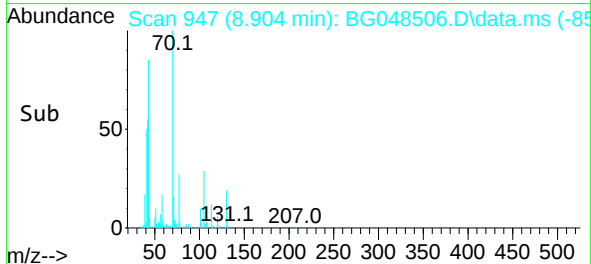
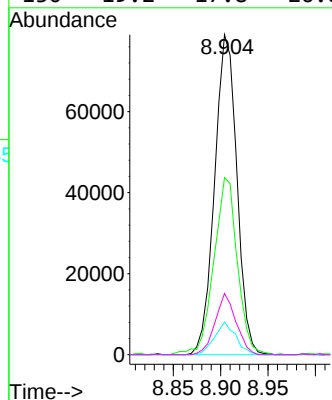
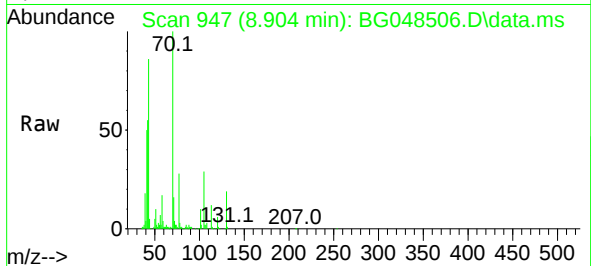


#19
n-Nitroso-di-n-propylamine
Concen: 38.29 ng
RT: 8.904 min Scan# 947
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

Tgt Ion: 70 Resp: 129003

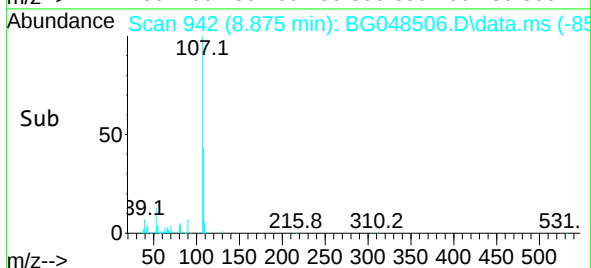
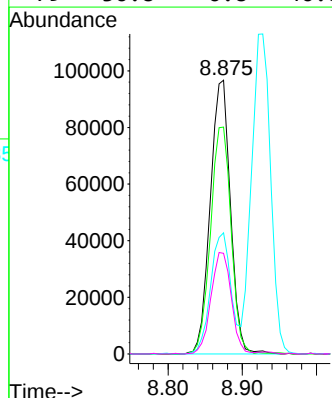
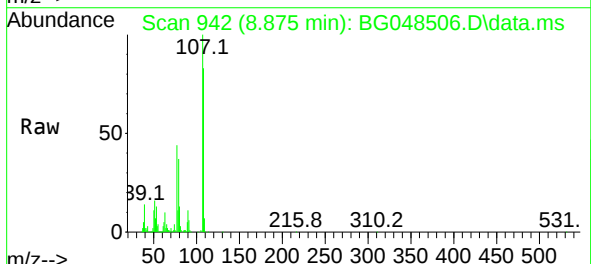
Ion	Ratio	Lower	Upper
70	100		
42	55.4	45.6	68.4
101	10.2	8.4	12.6
130	19.2	17.8	26.8

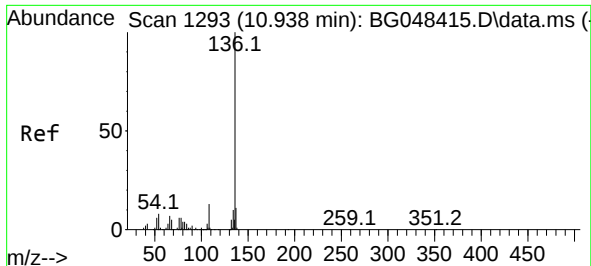


#20
3+4-Methylphenols
Concen: 45.31 ng
RT: 8.875 min Scan# 942
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 107 Resp: 183034

Ion	Ratio	Lower	Upper
107	100		
108	82.9	70.6	110.6
77	44.2	10.2	50.2
79	36.8	6.8	46.8

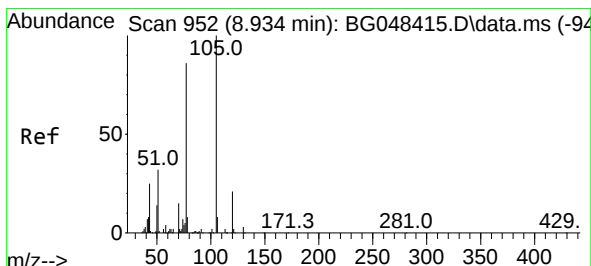
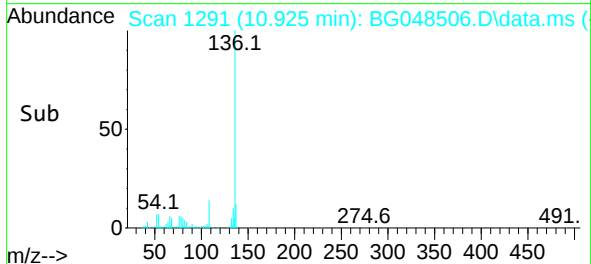
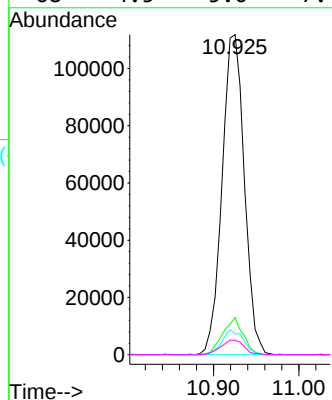
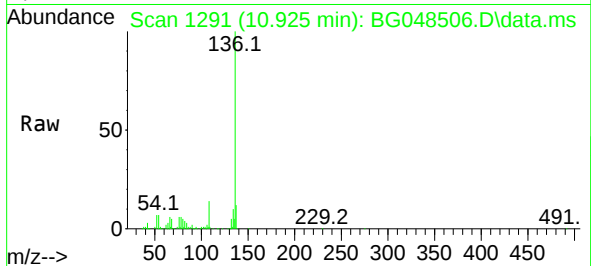




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.925 min Scan# 1291
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

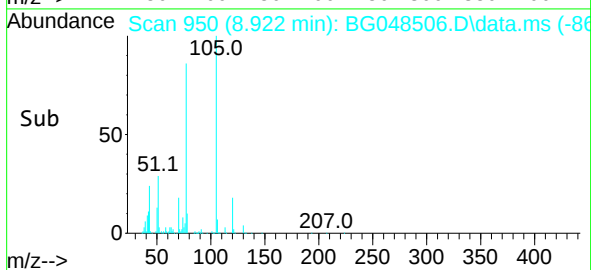
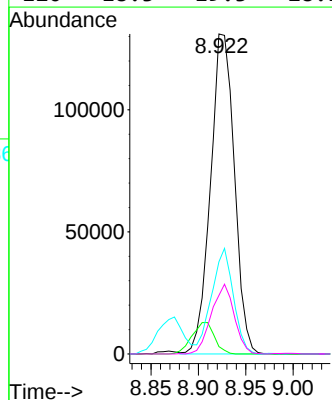
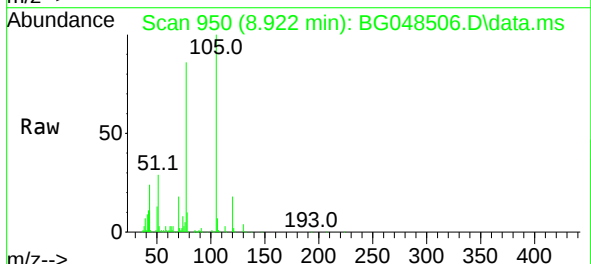
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

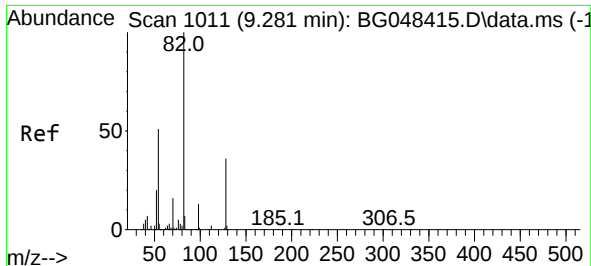
Tgt Ion:	136	Resp:	202451
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	6.5	6.2	9.4
68	4.5	5.0	7.4



#22
Acetophenone
Concen: 40.43 ng
RT: 8.922 min Scan# 950
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:	105	Resp:	230161
Ion Ratio	Lower	Upper	
105	100		
71	2.3	2.7	4.1
51	28.8	21.0	31.6
120	18.3	19.3	28.9

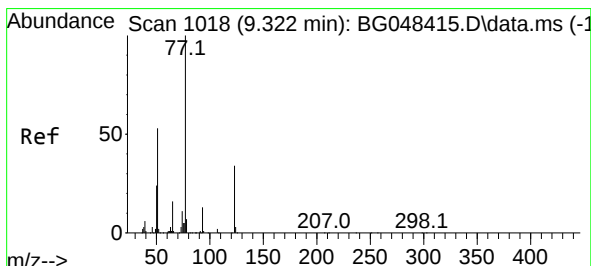
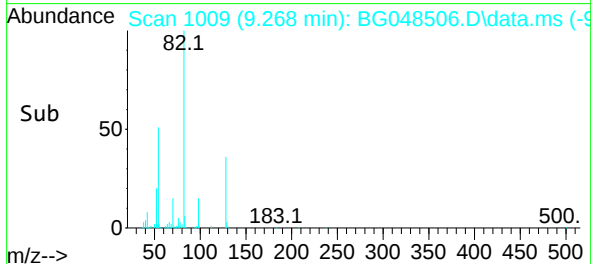
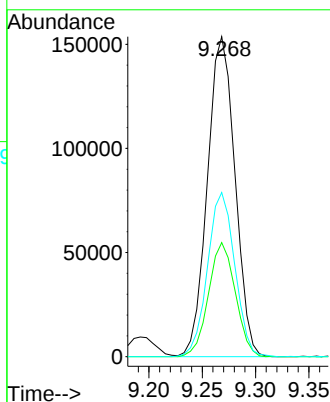
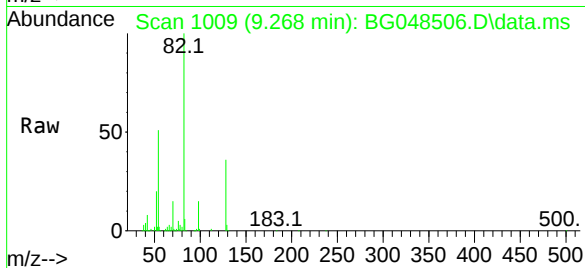




#23
Nitrobenzene-d5
Concen: 54.59 ng
RT: 9.268 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

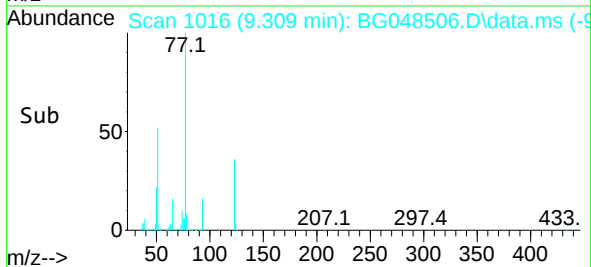
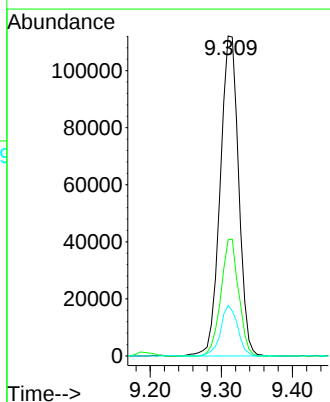
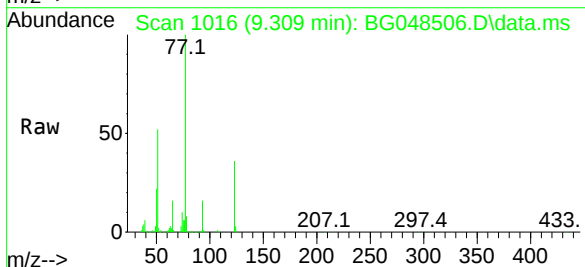
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

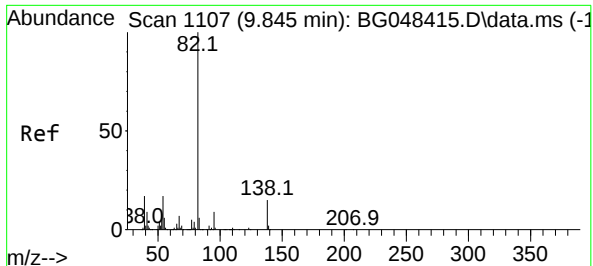
Tgt Ion: 82 Resp: 276401
Ion Ratio Lower Upper
82 100
128 35.7 37.0 55.6#
54 51.3 39.0 58.4



#24
Nitrobenzene
Concen: 37.09 ng
RT: 9.309 min Scan# 1016
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 77 Resp: 201173
Ion Ratio Lower Upper
77 100
123 36.3 39.7 59.5#
65 15.8 10.4 15.6#

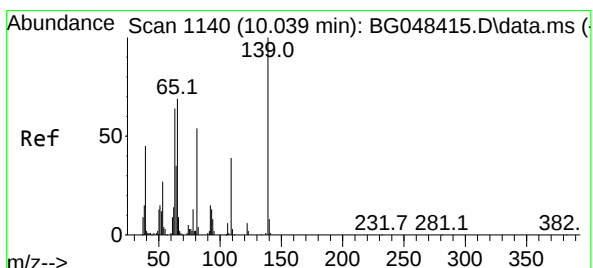
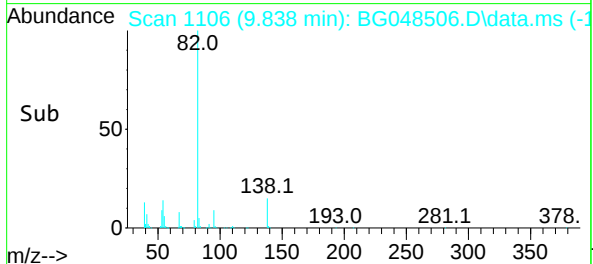
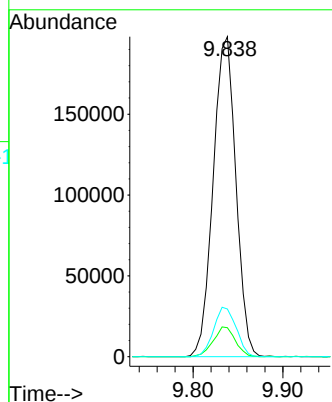
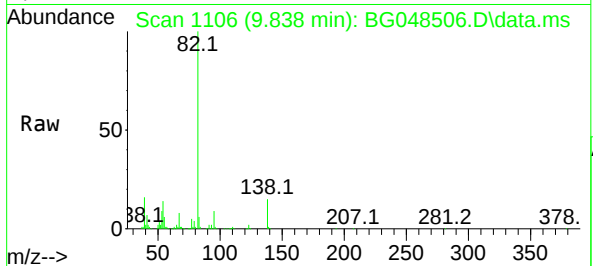




#25
Isophorone
Concen: 35.83 ng
RT: 9.838 min Scan# 1106
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

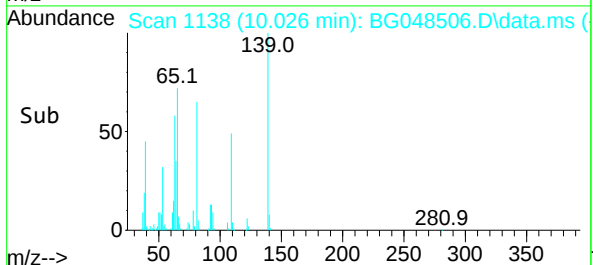
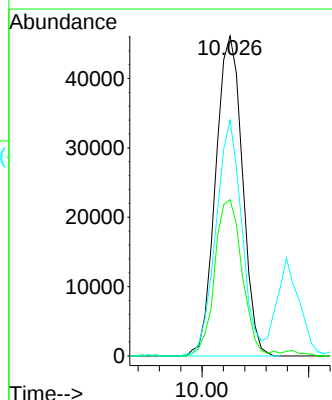
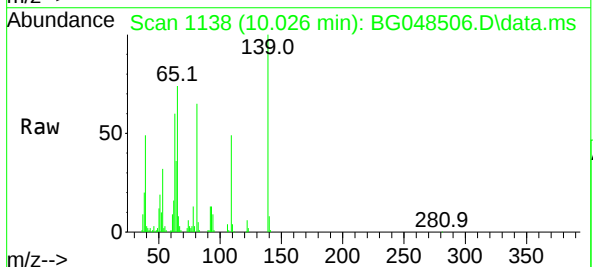
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

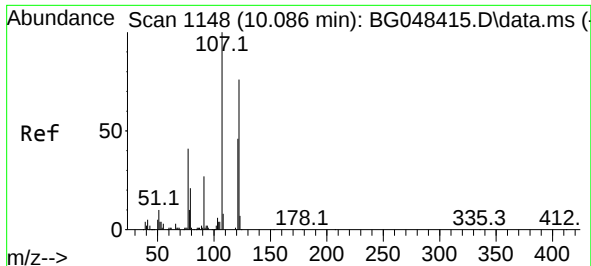
Tgt Ion: 82 Resp: 347306
Ion Ratio Lower Upper
82 100
95 9.1 5.6 8.4#
138 14.9 15.8 23.6#



#26
2-Nitrophenol
Concen: 39.02 ng
RT: 10.026 min Scan# 1138
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 139 Resp: 80455
Ion Ratio Lower Upper
139 100
109 48.8 20.7 31.1#
65 73.7 36.1 54.1#

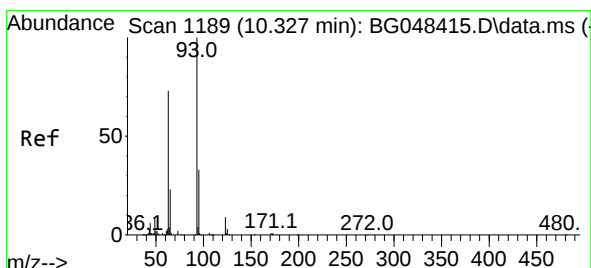
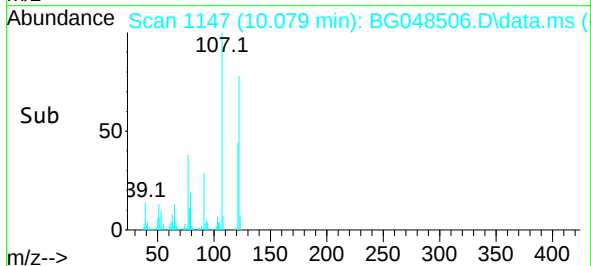
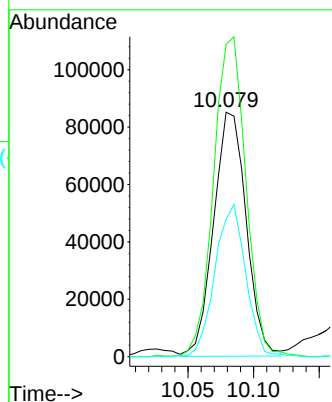
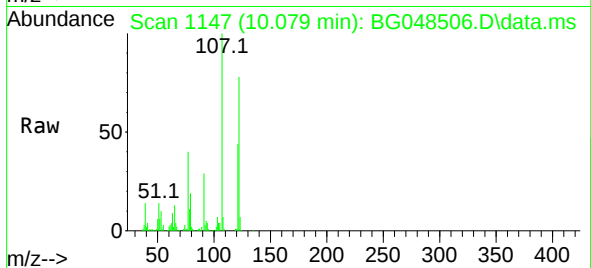




#27
2,4-Dimethylphenol
Concen: 45.66 ng
RT: 10.079 min Scan# 1147
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

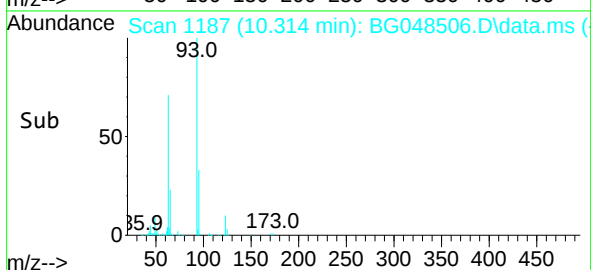
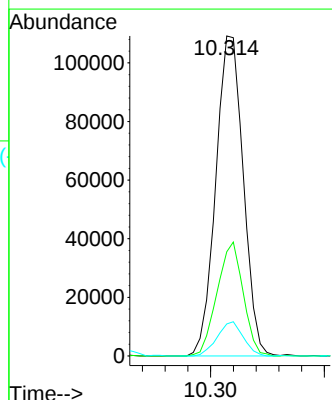
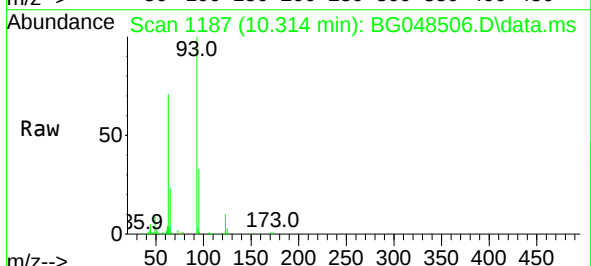
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

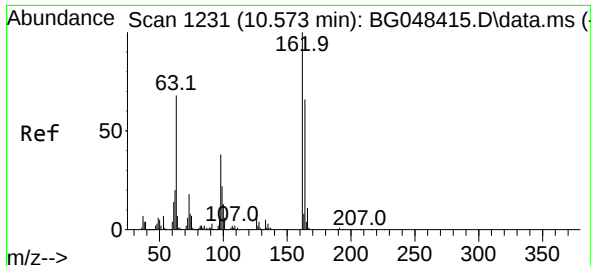
Tgt Ion:122 Resp: 146914
Ion Ratio Lower Upper
122 100
107 127.7 89.2 133.8
121 56.3 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.71 ng
RT: 10.314 min Scan# 1187
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 93 Resp: 183238
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.0 9.4 14.0

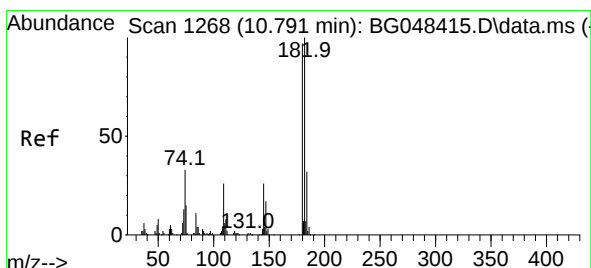
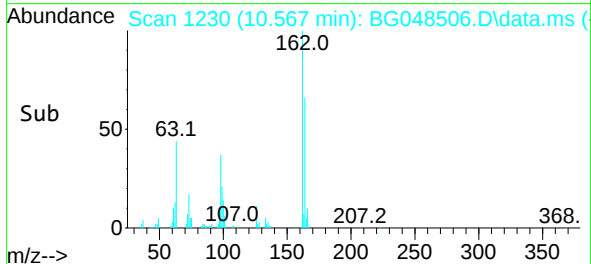
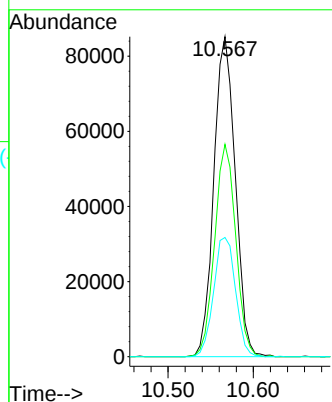
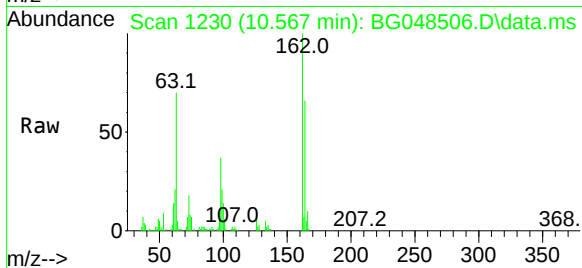




#29
2,4-Dichlorophenol
Concen: 39.91 ng
RT: 10.567 min Scan# 1230
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

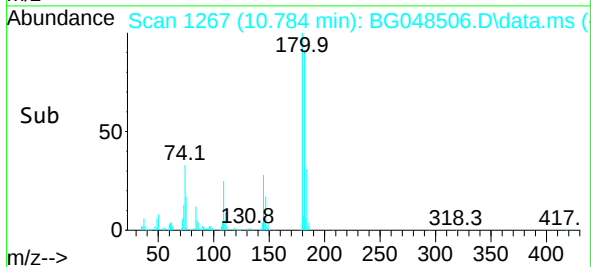
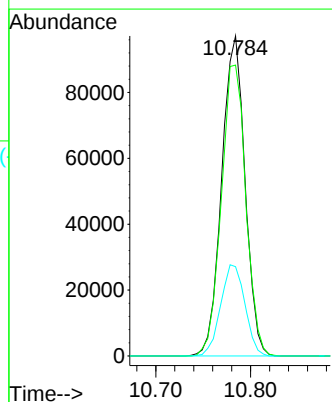
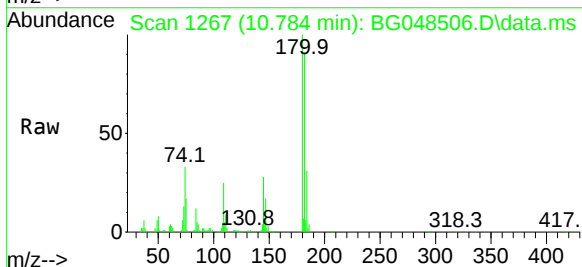
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

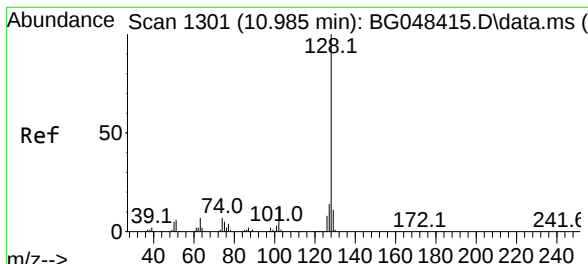
Tgt Ion:162 Resp: 149007
Ion Ratio Lower Upper
162 100
164 66.4 45.6 85.6
98 37.2 11.0 51.0



#30
1,2,4-Trichlorobenzene
Concen: 36.80 ng
RT: 10.784 min Scan# 1267
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:180 Resp: 166062
Ion Ratio Lower Upper
180 100
182 90.9 76.9 115.3
145 27.9 21.4 32.0

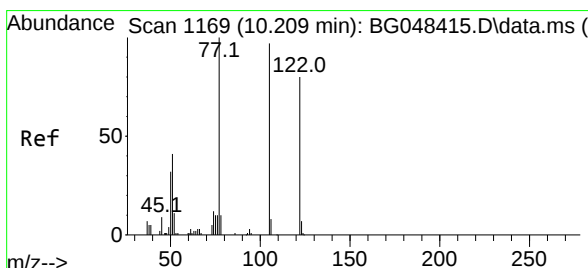
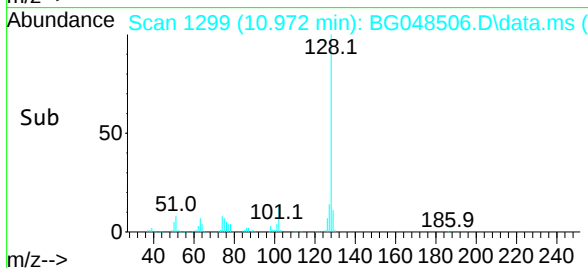
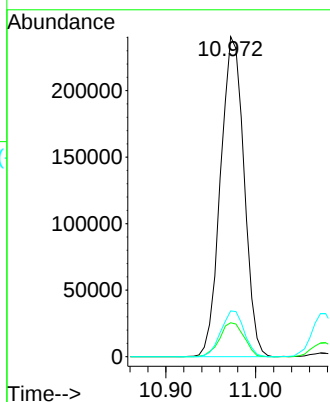
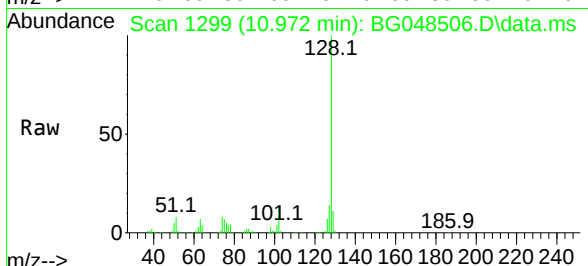




#31
Naphthalene
Concen: 38.90 ng
RT: 10.972 min Scan# 1299
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

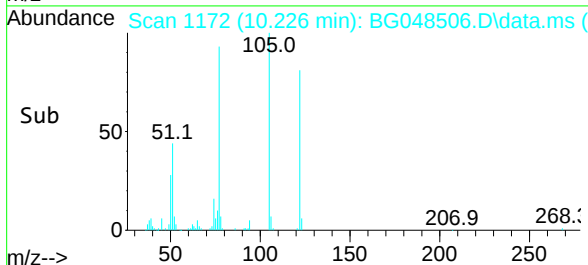
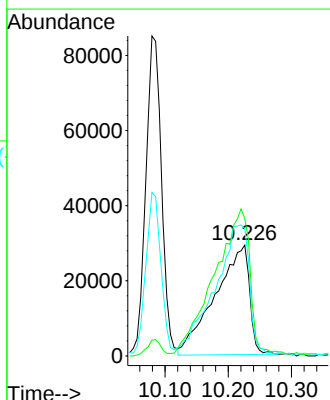
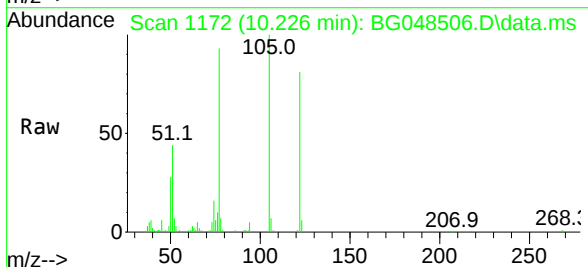
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

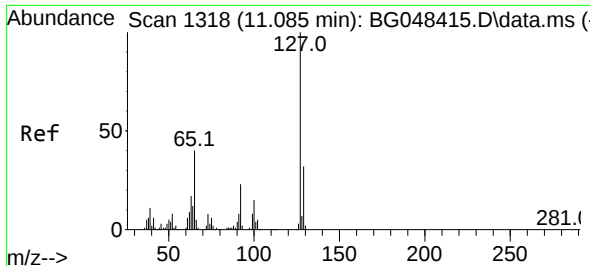
Tgt Ion:128 Resp: 436670
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 14.3 11.0 16.4



#32
Benzoic acid
Concen: 44.00 ng
RT: 10.226 min Scan# 1172
Delta R.T. 0.026 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:122 Resp: 110159
Ion Ratio Lower Upper
122 100
105 124.1 103.7 143.7
77 115.0 63.0 103.0#

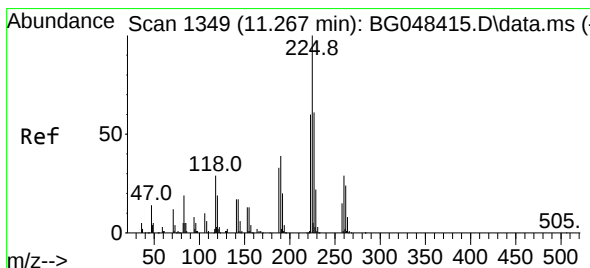
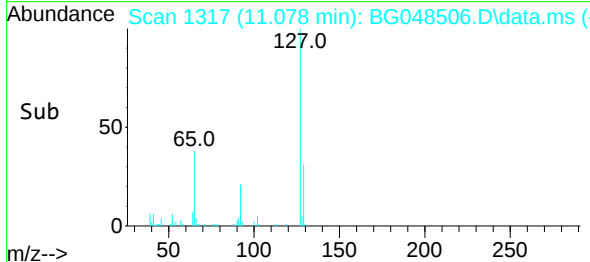
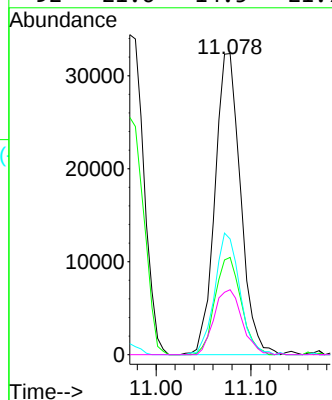
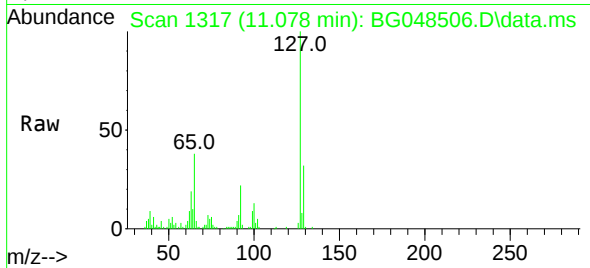




#33
4-Chloroaniline
Concen: 12.66 ng
RT: 11.078 min Scan# 1317
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

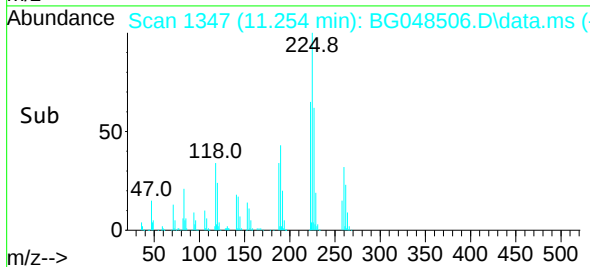
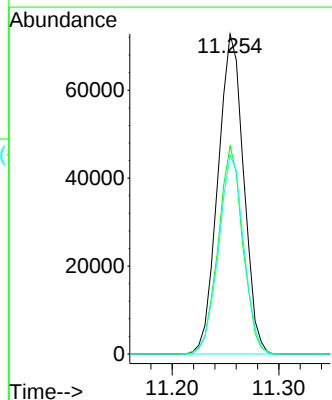
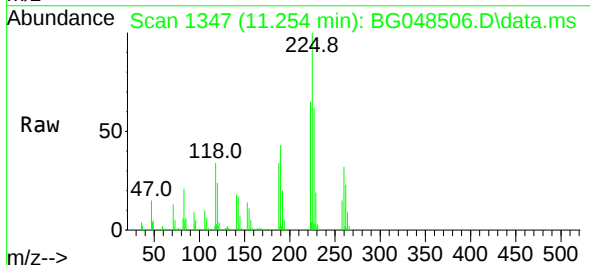
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

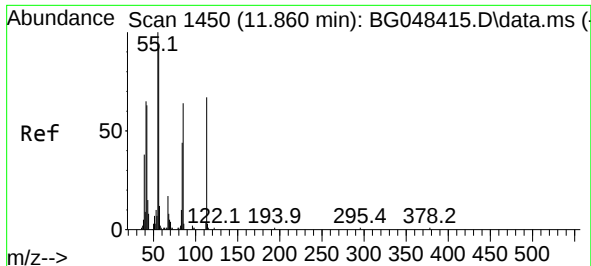
Tgt Ion:127	Resp:	60763
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.8 40.2
65	38.4	23.8 35.6#
92	21.6	14.5 21.7



#34
Hexachlorobutadiene
Concen: 34.00 ng
RT: 11.254 min Scan# 1347
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:225	Resp:	121624
Ion Ratio	Lower	Upper
225	100	
223	65.0	49.5 74.3
227	62.3	52.0 78.0

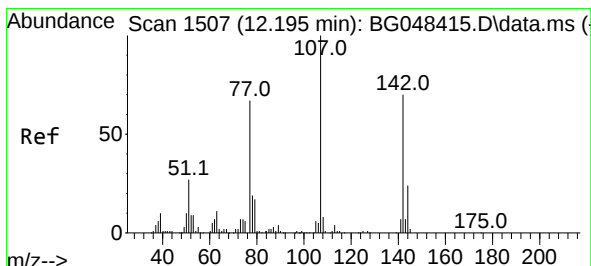
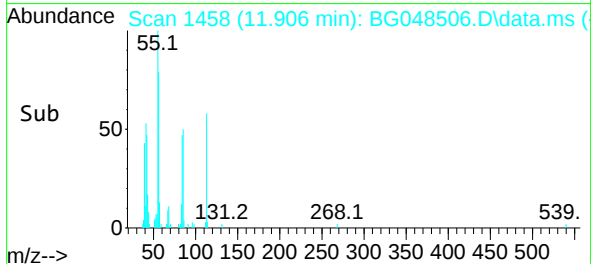
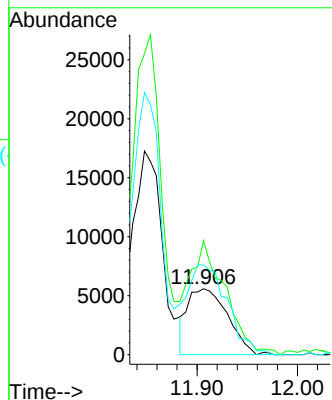
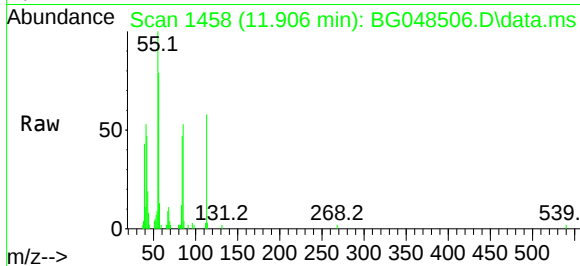




#35
Caprolactam
Concen: 11.58 ng
RT: 11.906 min Scan# 1458
Delta R.T. 0.049 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

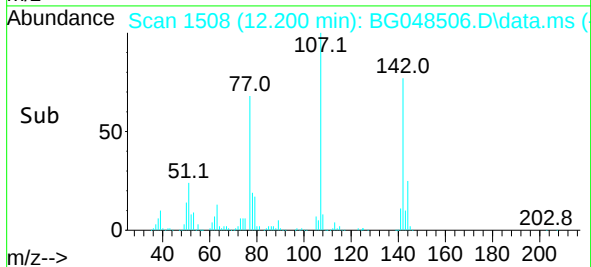
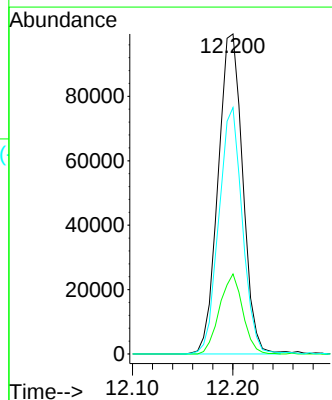
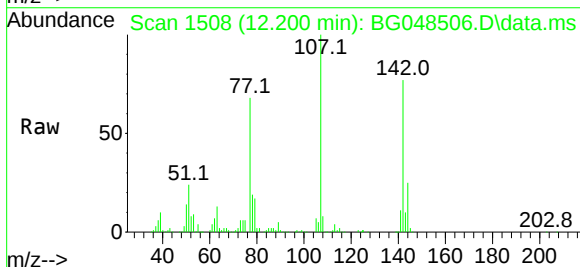
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

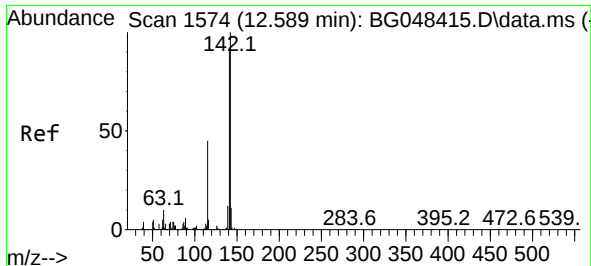
Tgt Ion:113 Resp: 15440
Ion Ratio Lower Upper
113 100
55 173.3 149.2 189.2
56 136.4 107.2 147.2



#36
4-Chloro-3-methylphenol
Concen: 39.00 ng
RT: 12.200 min Scan# 1508
Delta R.T. 0.008 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:107 Resp: 169021
Ion Ratio Lower Upper
107 100
144 25.0 22.5 33.7
142 77.0 70.8 106.2

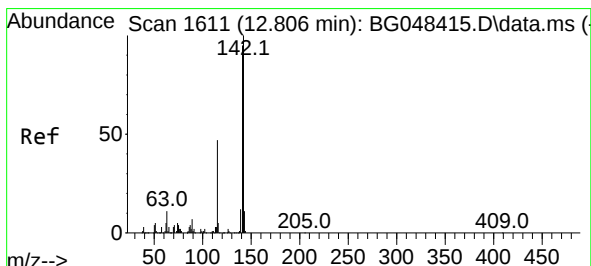
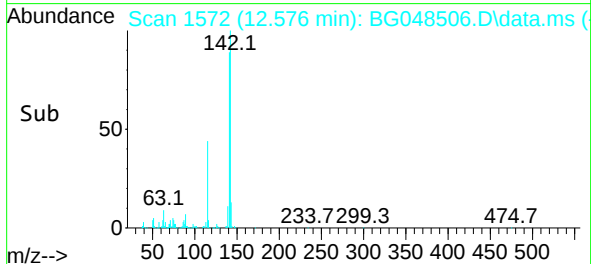
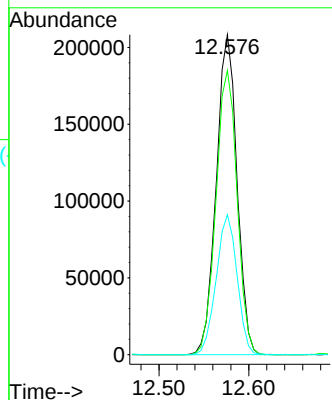
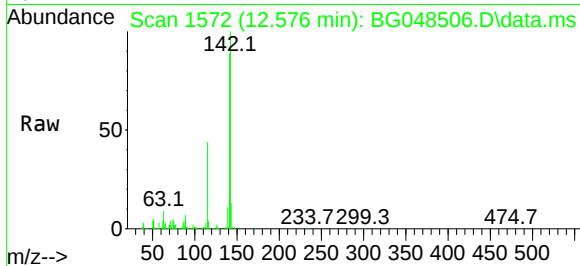




#37
2-Methylnaphthalene
Concen: 39.06 ng
RT: 12.576 min Scan# 1572
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

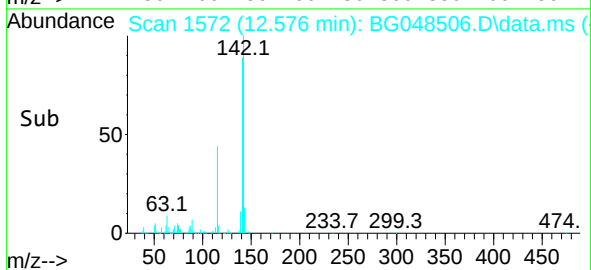
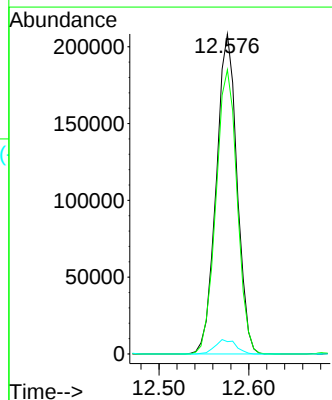
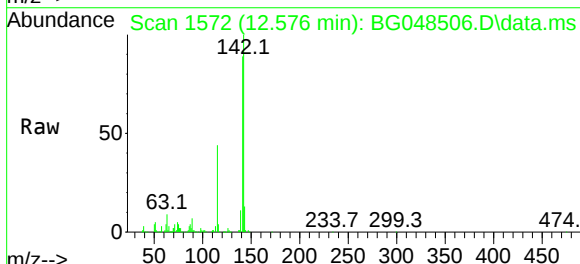
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

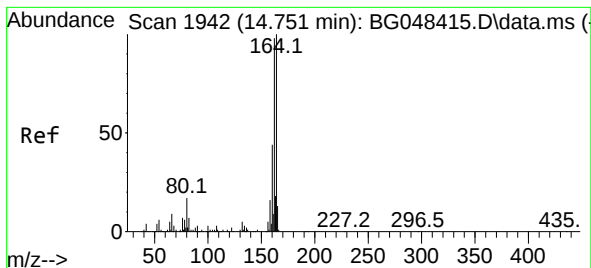
Tgt Ion:142 Resp: 334627
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4
115 43.8 25.4 38.2#



#38
1-Methylnaphthalene
Concen: 41.53 ng
RT: 12.576 min Scan# 1572
Delta R.T. -0.221 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:142 Resp: 334627
Ion Ratio Lower Upper
142 100
141 88.8 75.4 113.2
116 3.9 2.9 4.3

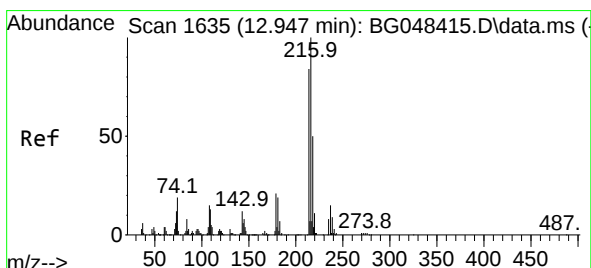
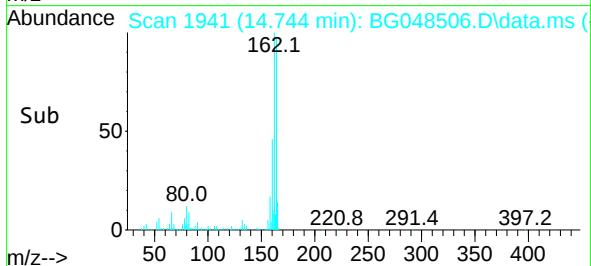
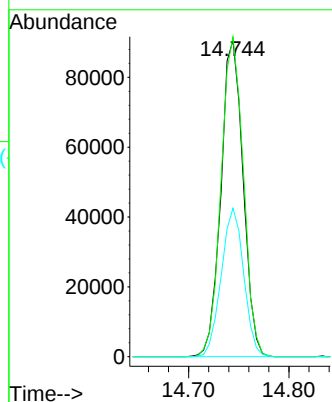
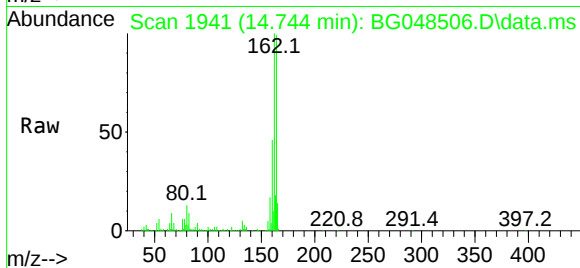




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

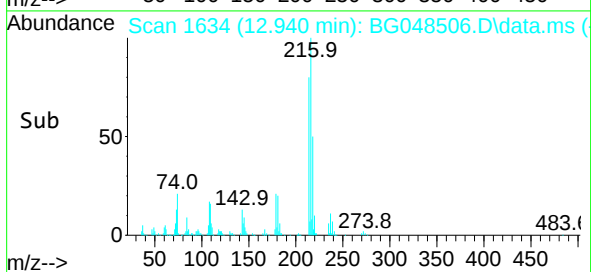
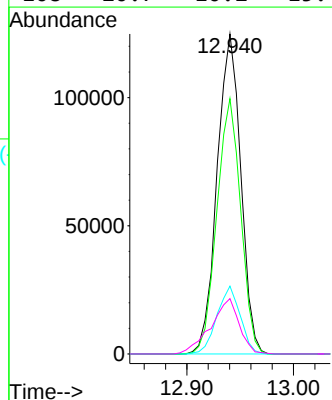
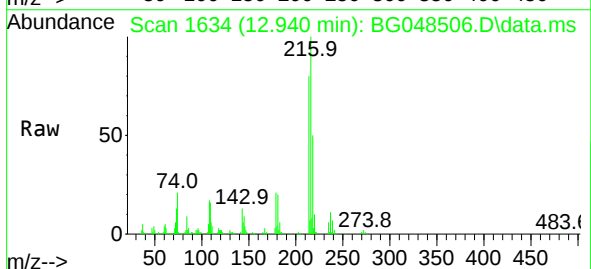
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

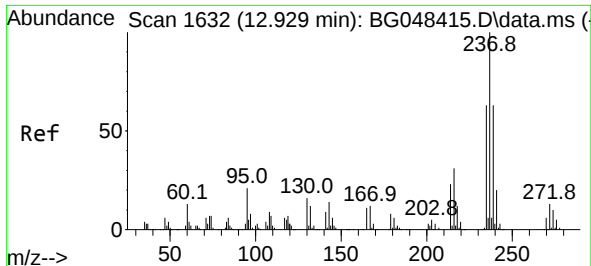
Tgt Ion:164 Resp: 138685
Ion Ratio Lower Upper
164 100
162 101.2 82.3 123.5
160 47.0 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.00 ng
RT: 12.940 min Scan# 1634
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

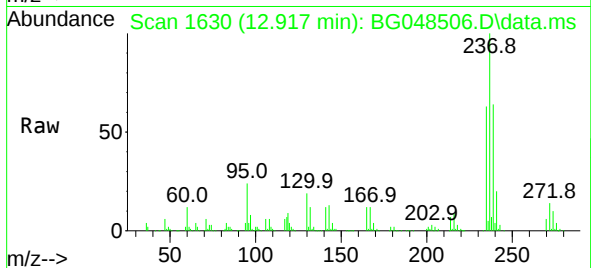
Tgt Ion:216 Resp: 192431
Ion Ratio Lower Upper
216 100
214 80.2 61.9 92.9
179 20.9 14.8 22.2
108 20.7 10.2 15.4#



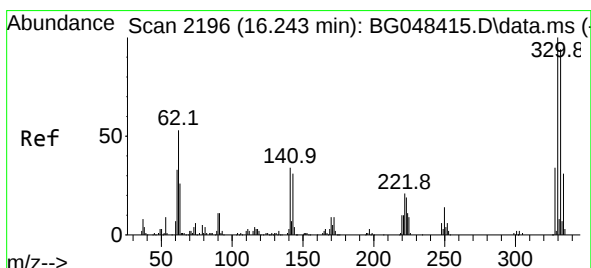
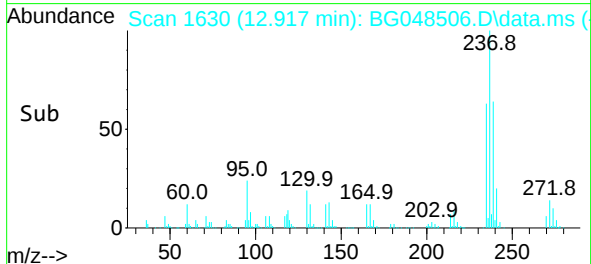
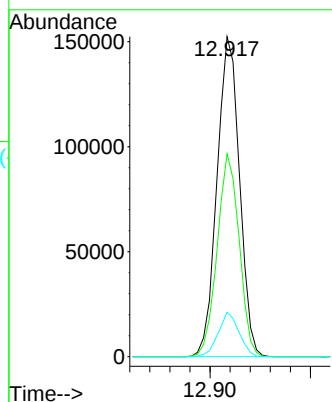


#41
Hexachlorocyclopentadiene
Concen: 72.36 ng
RT: 12.917 min Scan# 1630
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

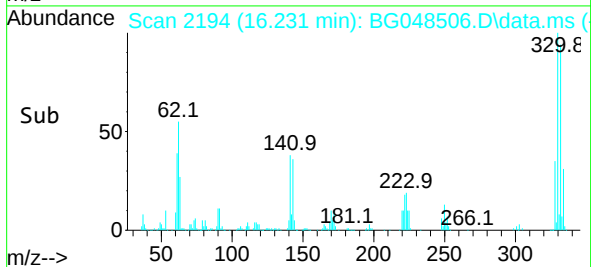
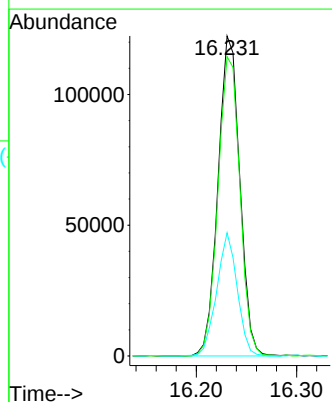
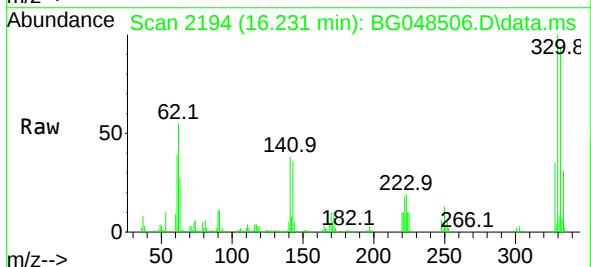


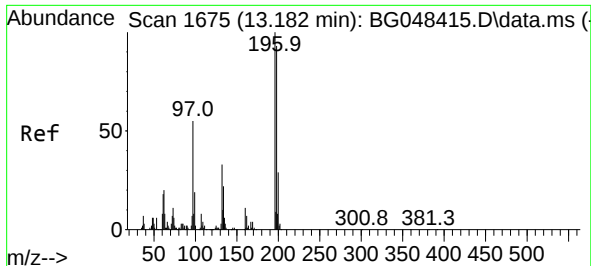
Tgt Ion:237 Resp: 236927
Ion Ratio Lower Upper
237 100
235 63.4 43.1 83.1
272 13.9 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 81.40 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:330 Resp: 183592
Ion Ratio Lower Upper
330 100
332 94.3 76.5 114.7
141 36.4 26.0 39.0

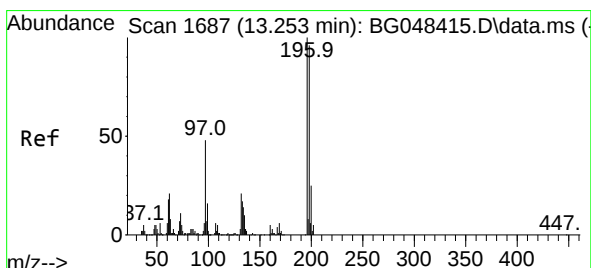
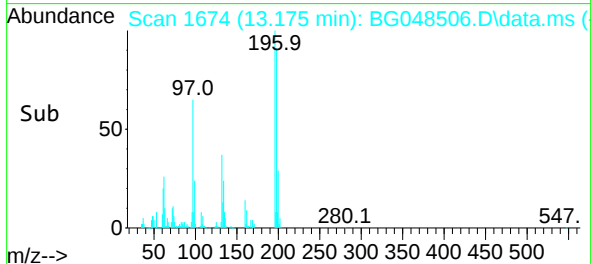
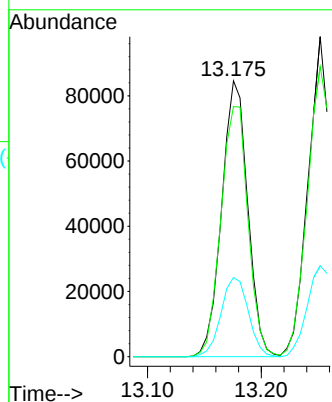
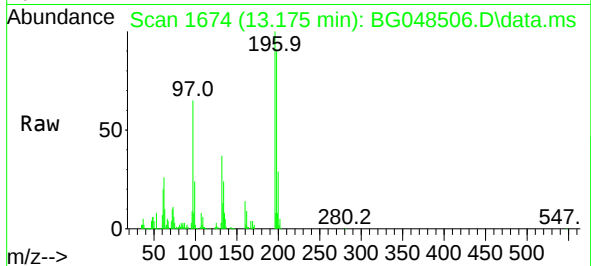




#43
2,4,6-Trichlorophenol
Concen: 39.17 ng
RT: 13.175 min Scan# 1674
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

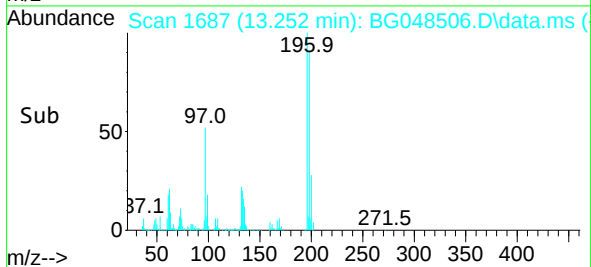
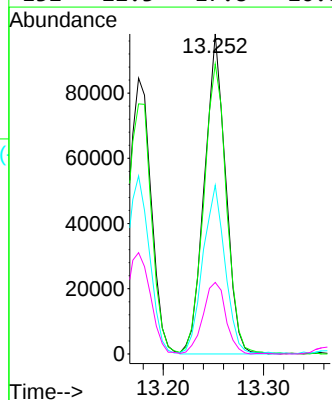
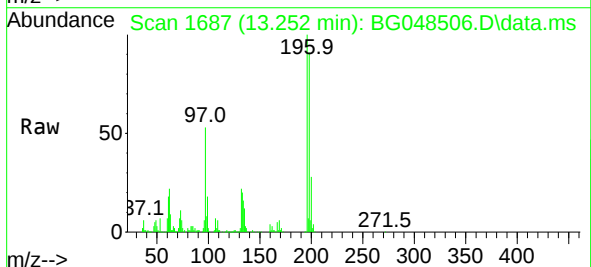
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

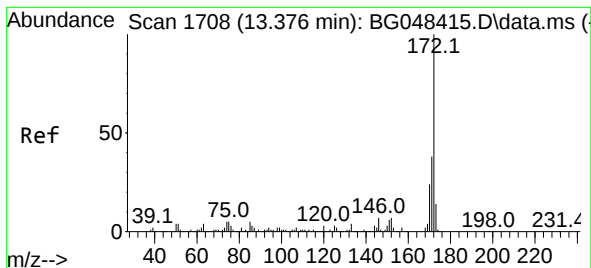
Tgt Ion:196 Resp: 134457
Ion Ratio Lower Upper
196 100
198 90.6 74.9 112.3
200 28.7 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 38.22 ng
RT: 13.252 min Scan# 1687
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:196 Resp: 144395
Ion Ratio Lower Upper
196 100
198 90.6 77.6 116.4
97 52.7 28.6 43.0#
132 22.3 17.8 26.8

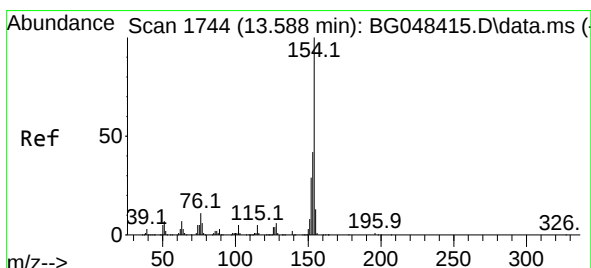
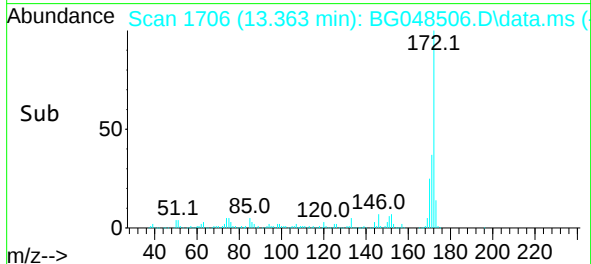
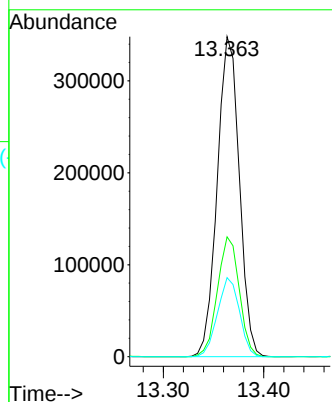
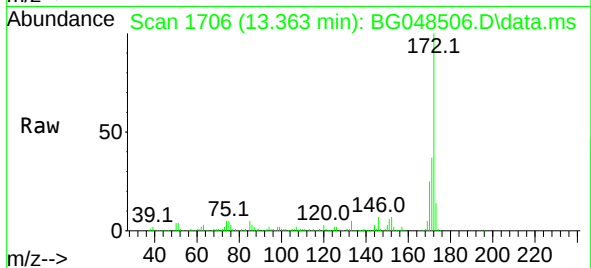




#45
2-Fluorobiphenyl
Concen: 55.16 ng
RT: 13.363 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

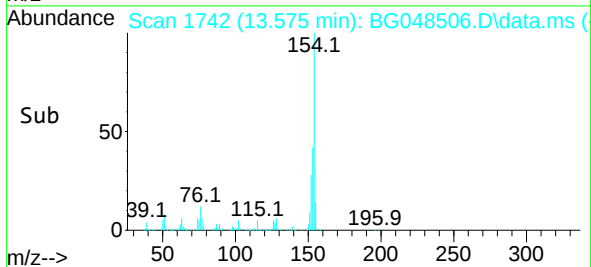
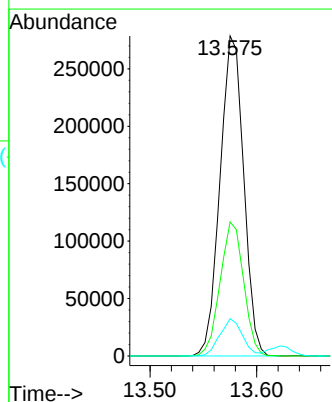
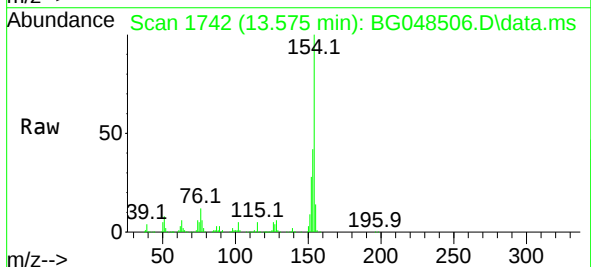
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

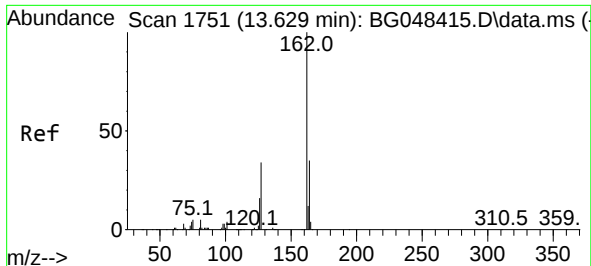
Tgt Ion:172 Resp: 531738
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.7 20.8 31.2



#46
1,1'-Biphenyl
Concen: 43.09 ng
RT: 13.575 min Scan# 1742
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:154 Resp: 428866
Ion Ratio Lower Upper
154 100
153 41.9 22.6 62.6
76 11.6 0.0 32.6

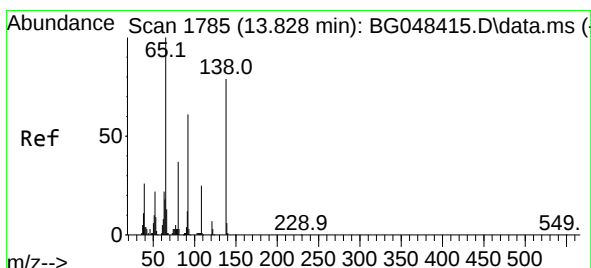
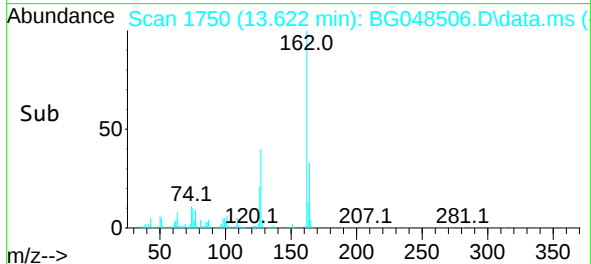
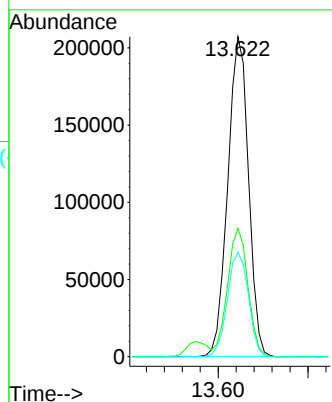
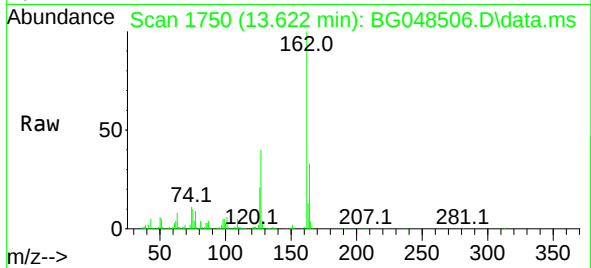




#47
2-Chloronaphthalene
Concen: 41.36 ng
RT: 13.622 min Scan# 1750
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

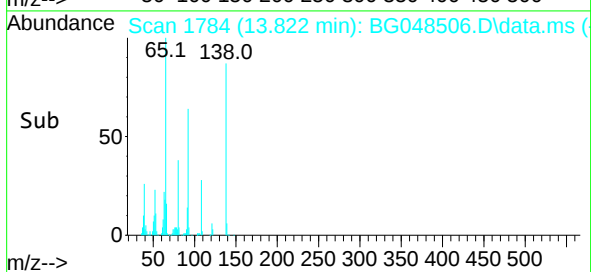
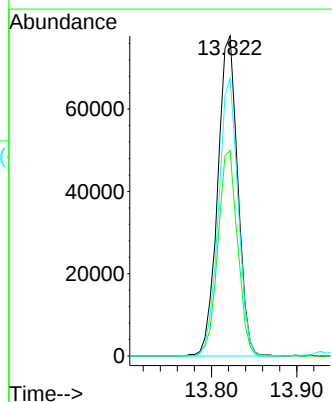
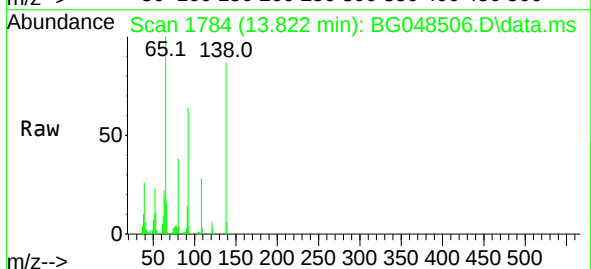
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

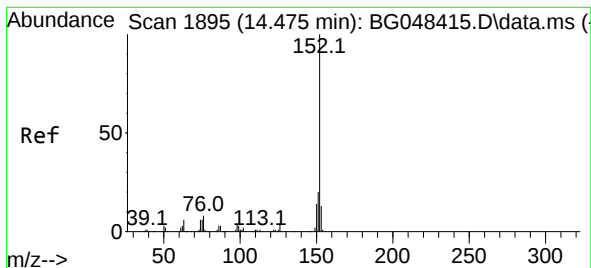
Tgt Ion:162 Resp: 331910
Ion Ratio Lower Upper
162 100
127 40.1 27.8 41.6
164 32.5 27.0 40.4



#48
2-Nitroaniline
Concen: 42.71 ng
RT: 13.822 min Scan# 1784
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 65 Resp: 126872
Ion Ratio Lower Upper
65 100
92 64.2 58.6 88.0
138 86.7 98.2 147.4#

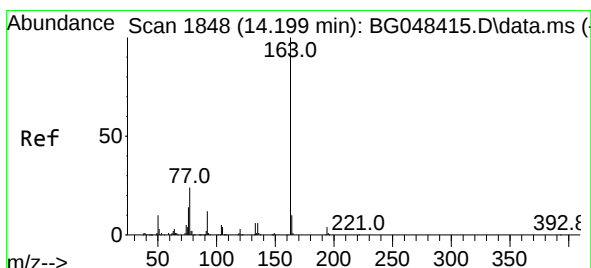
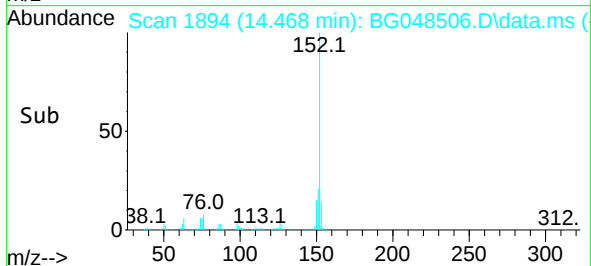
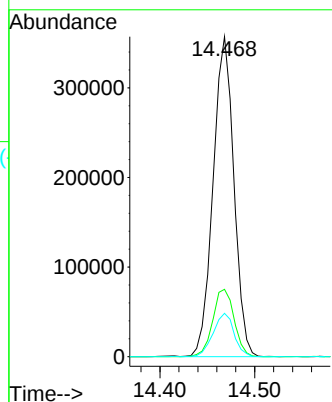
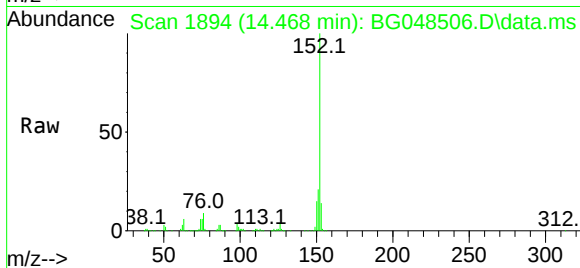




#49
Acenaphthylene
Concen: 41.83 ng
RT: 14.468 min Scan# 1894
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

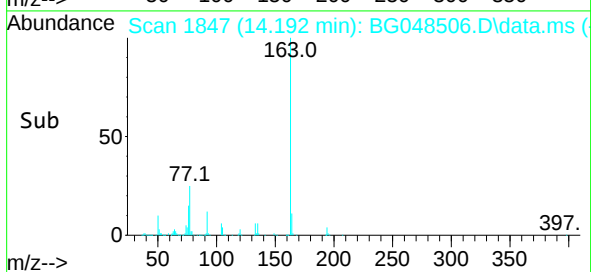
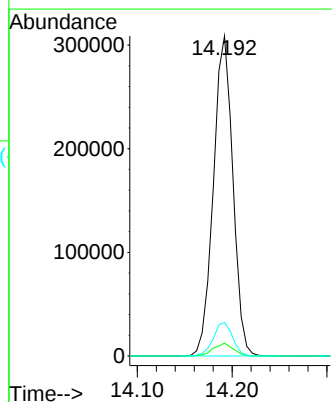
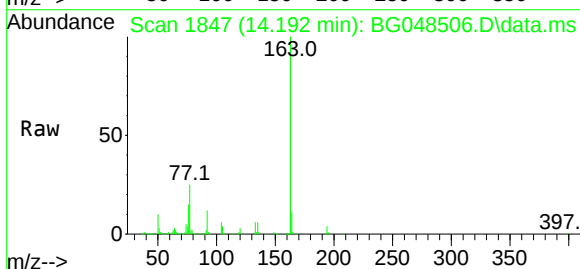
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

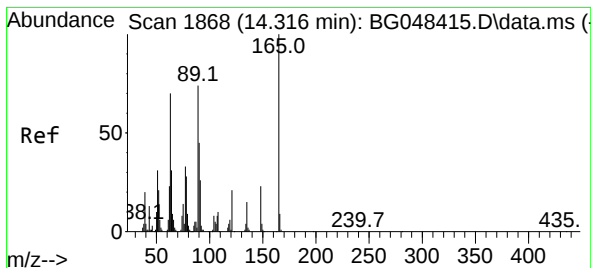
Tgt Ion:152 Resp: 543565
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.0
153 13.6 11.5 17.3



#50
Dimethylphthalate
Concen: 38.99 ng
RT: 14.192 min Scan# 1847
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:163 Resp: 440046
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.8
164 10.5 8.8 13.2

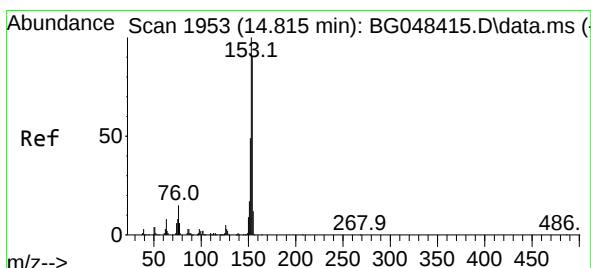
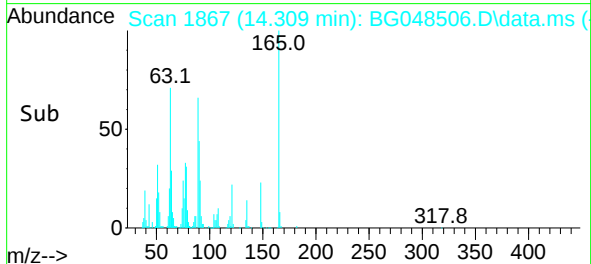
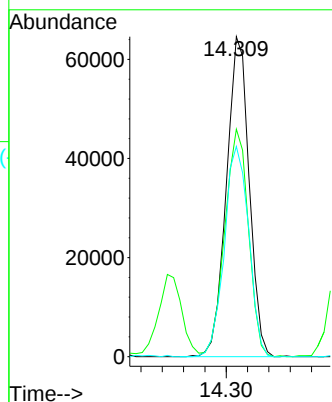
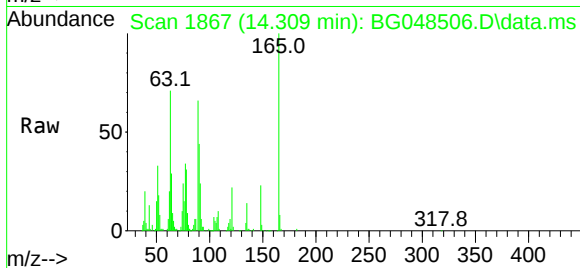




#51
2,6-Dinitrotoluene
Concen: 39.43 ng
RT: 14.309 min Scan# 1867
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

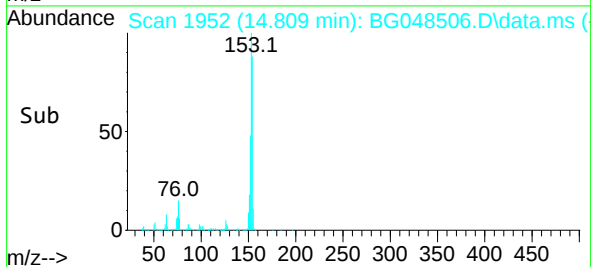
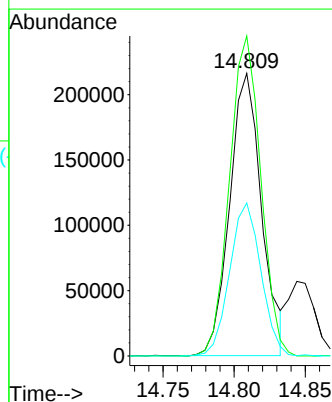
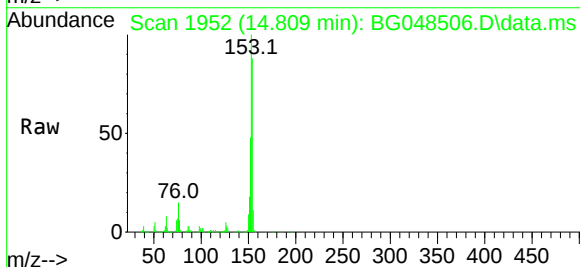
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

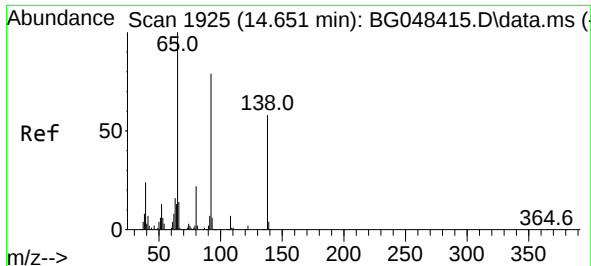
Tgt Ion:165 Resp: 95768
Ion Ratio Lower Upper
165 100
63 71.1 33.7 50.5#
89 65.7 36.6 54.8#



#52
Acenaphthene
Concen: 38.68 ng
RT: 14.809 min Scan# 1952
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:154 Resp: 337837
Ion Ratio Lower Upper
154 100
153 113.2 90.3 135.5
152 54.1 43.8 65.8

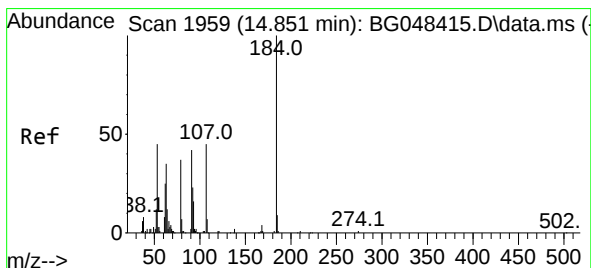
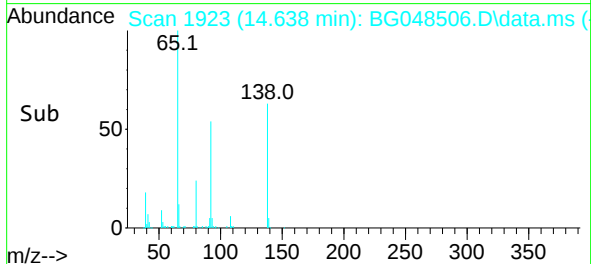
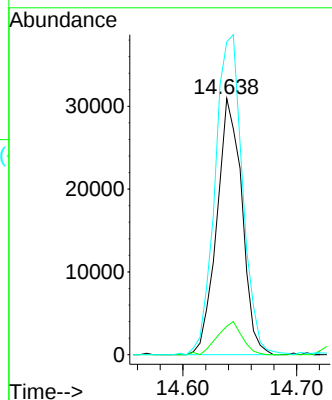
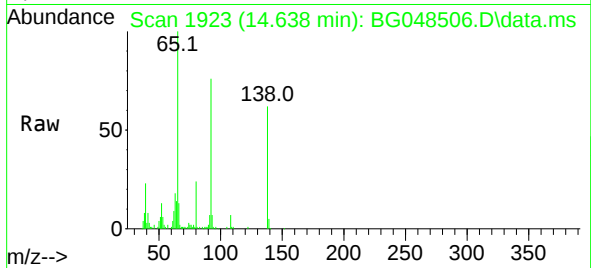




#53
3-Nitroaniline
Concen: 20.39 ng
RT: 14.638 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

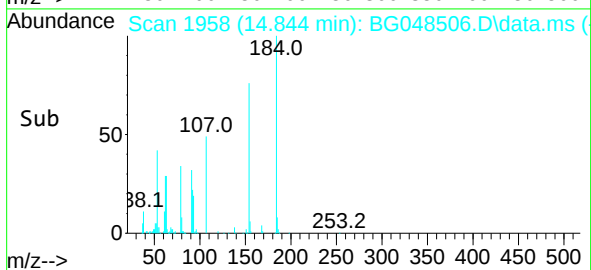
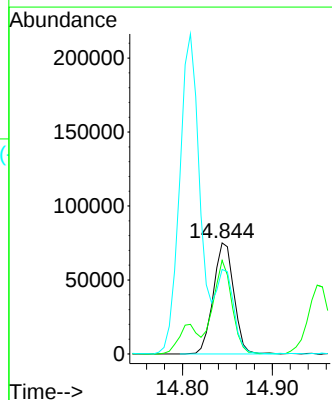
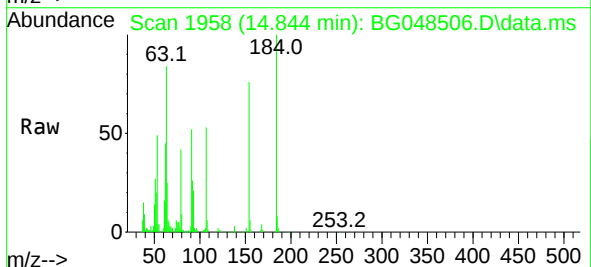
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

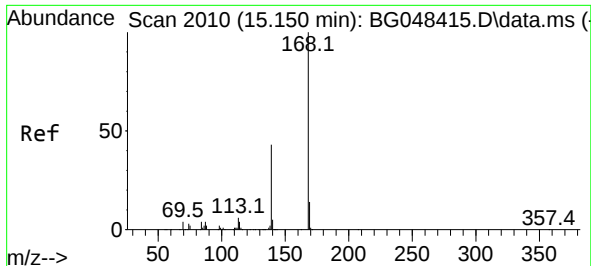
Tgt Ion:138 Resp: 47420
Ion Ratio Lower Upper
138 100
108 11.1 7.4 11.0#
92 122.1 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 80.37 ng
RT: 14.844 min Scan# 1958
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:184 Resp: 119158
Ion Ratio Lower Upper
184 100
63 84.3 32.3 48.5#
154 76.0 40.4 60.6#

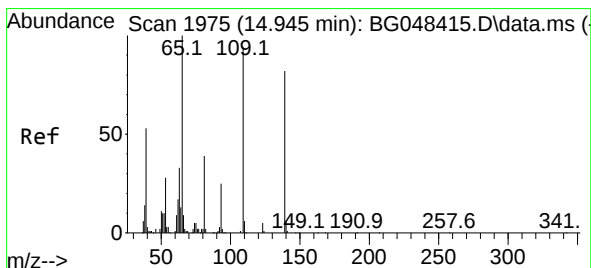
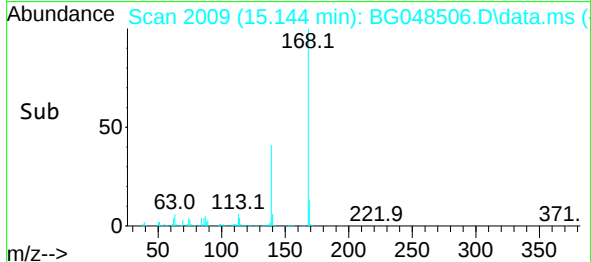
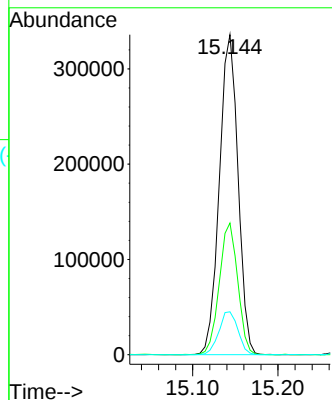
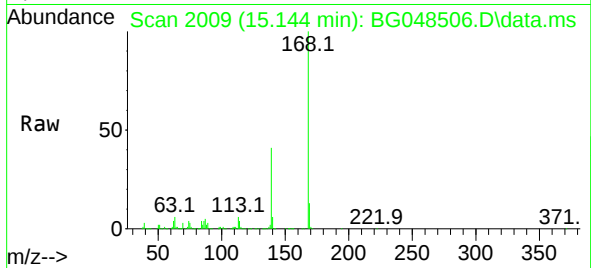




#55
Dibenzenofuran
Concen: 39.25 ng
RT: 15.144 min Scan# 2009
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

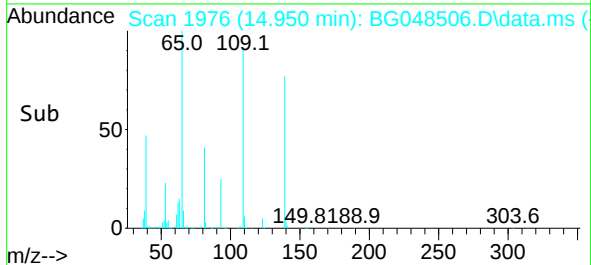
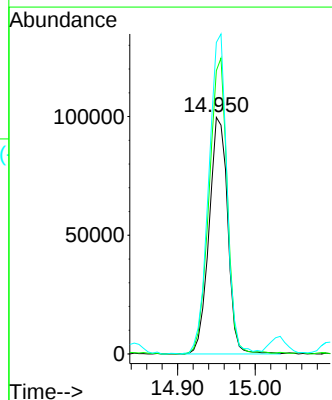
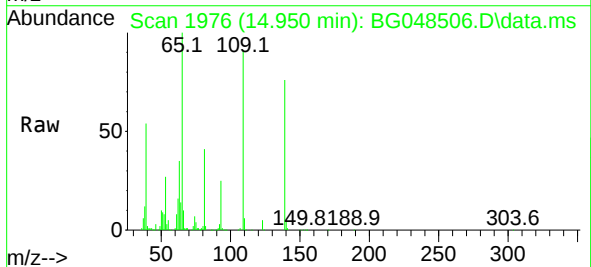
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

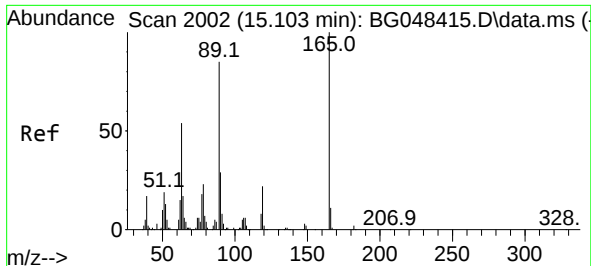
Tgt Ion:168 Resp: 510590
Ion Ratio Lower Upper
168 100
139 41.1 28.6 43.0
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 79.63 ng
RT: 14.950 min Scan# 1976
Delta R.T. 0.014 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:139 Resp: 165731
Ion Ratio Lower Upper
139 100
109 119.7 45.9 85.9#
65 131.6 65.4 105.4#

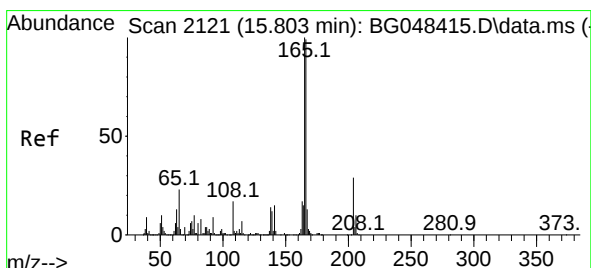
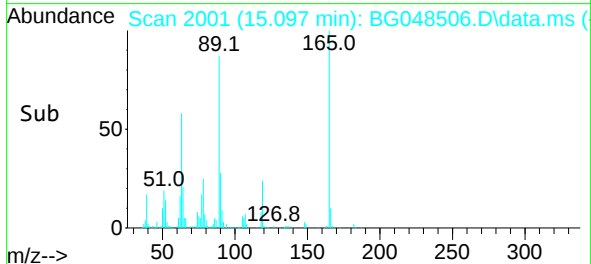
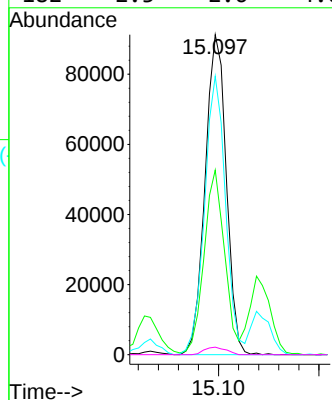
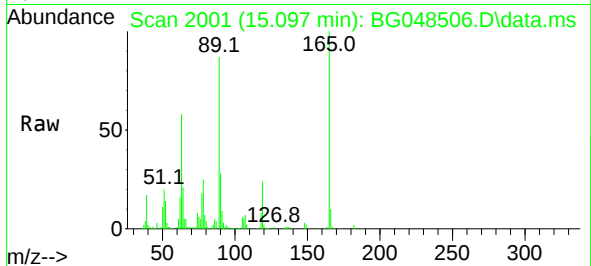




#57
2,4-Dinitrotoluene
Concen: 38.93 ng
RT: 15.097 min Scan# 2001
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

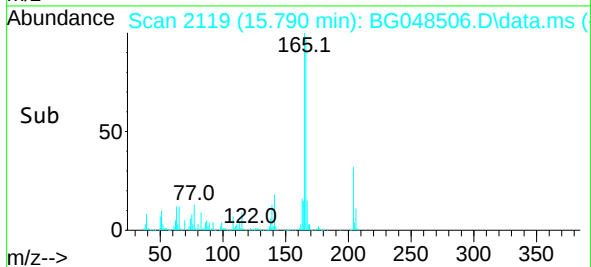
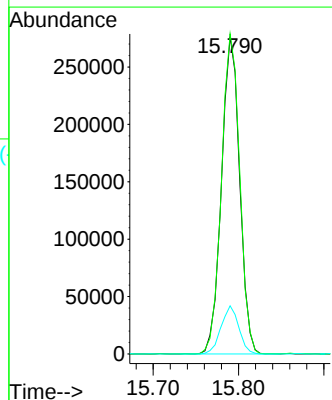
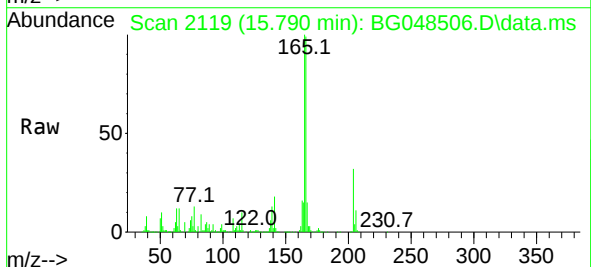
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

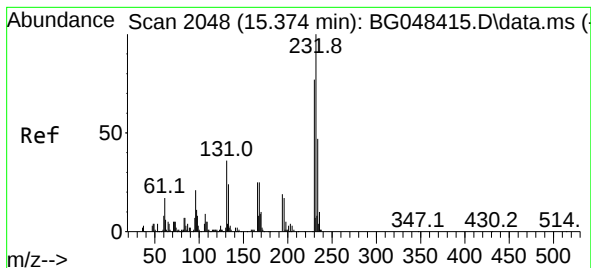
Tgt Ion:165 Resp: 134279
Ion Ratio Lower Upper
165 100
63 57.7 26.4 39.6#
89 87.0 47.8 71.8#
182 2.3 2.6 4.0#



#58
Fluorene
Concen: 37.36 ng
RT: 15.790 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:166 Resp: 407838
Ion Ratio Lower Upper
166 100
165 100.8 77.2 115.8
167 15.2 11.4 17.2

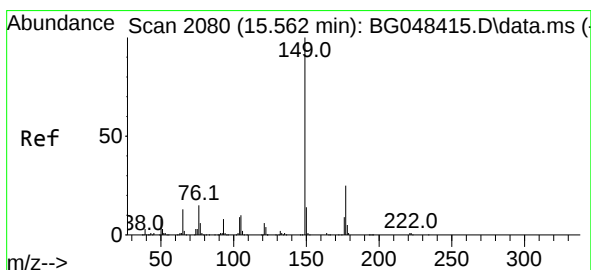
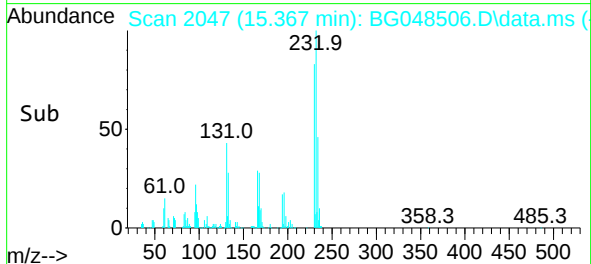
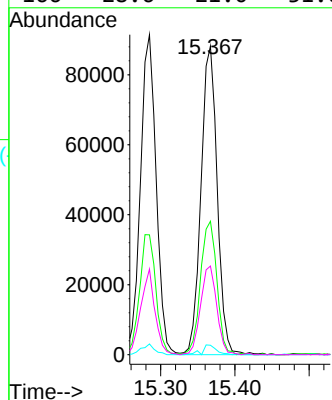
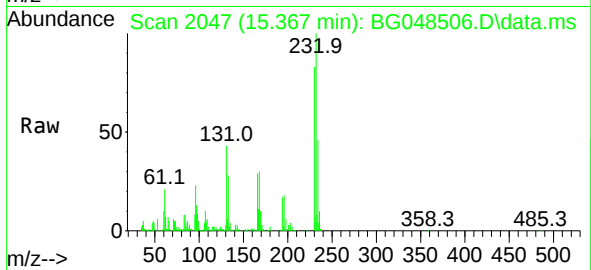




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.96 ng
RT: 15.367 min Scan# 2047
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

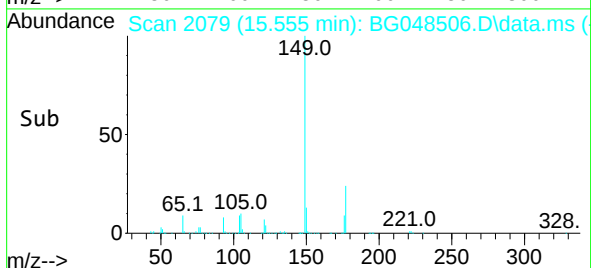
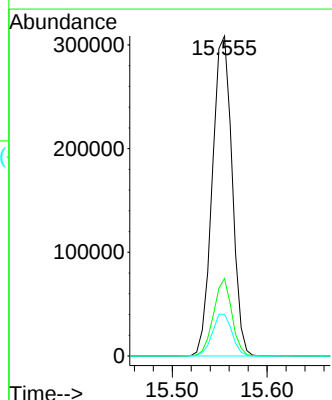
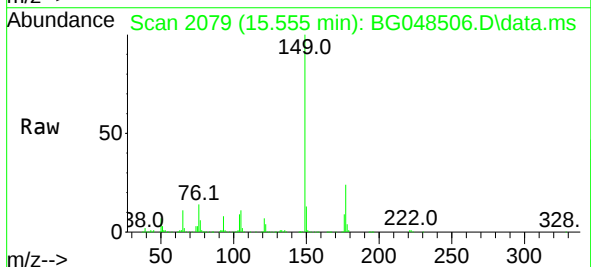
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

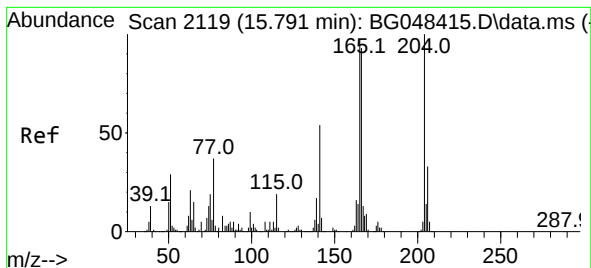
Tgt Ion:232 Resp: 134048
Ion Ratio Lower Upper
232 100
131 43.7 26.6 40.0#
130 2.8 1.4 2.0#
166 28.6 21.0 31.6



#60
Diethylphthalate
Concen: 40.48 ng
RT: 15.555 min Scan# 2079
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:149 Resp: 446585
Ion Ratio Lower Upper
149 100
177 24.2 21.4 32.2
150 13.1 10.7 16.1

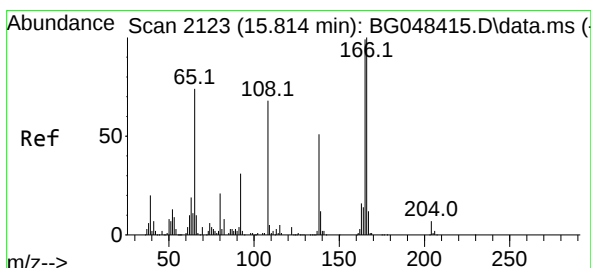
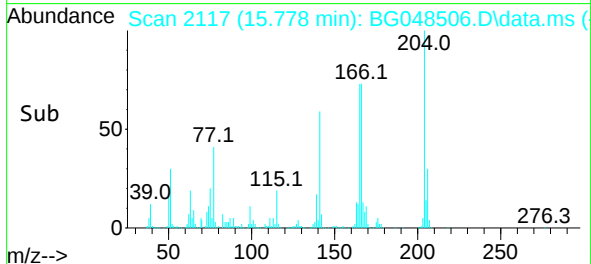
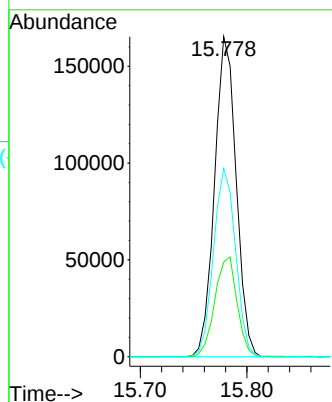
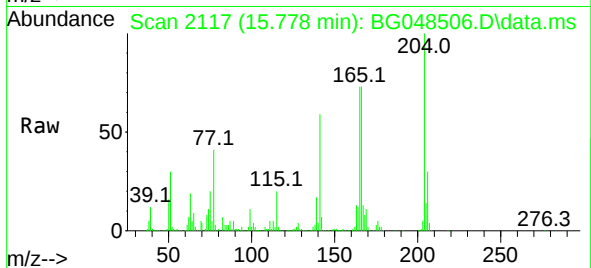




#61
4-Chlorophenyl-phenylether
Concen: 36.97 ng
RT: 15.778 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

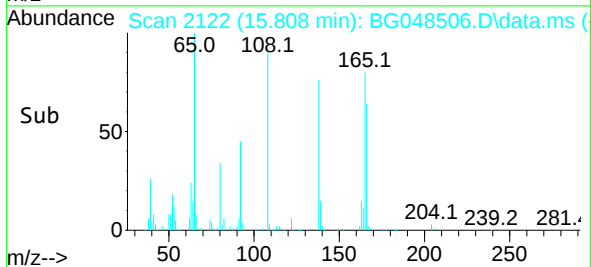
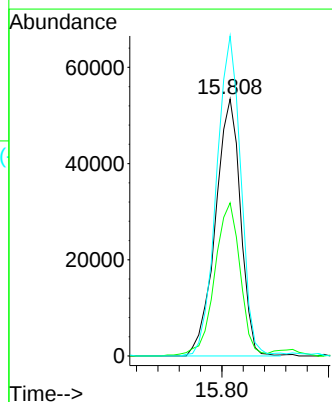
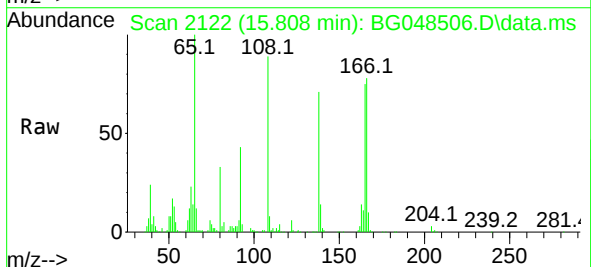
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

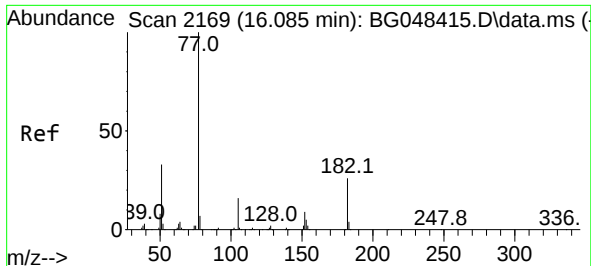
Tgt Ion:204 Resp: 232215
Ion Ratio Lower Upper
204 100
206 29.6 27.8 41.8
141 58.8 41.5 62.3



#62
4-Nitroaniline
Concen: 34.31 ng
RT: 15.808 min Scan# 2122
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:138 Resp: 87404
Ion Ratio Lower Upper
138 100
92 59.6 26.9 66.9
108 124.5 49.4 89.4#

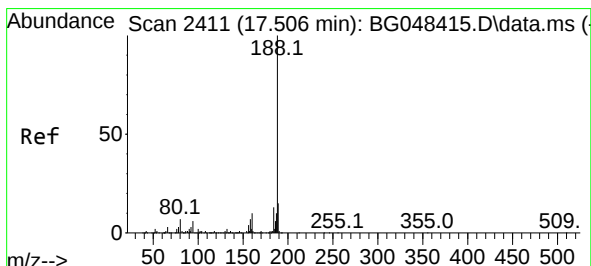
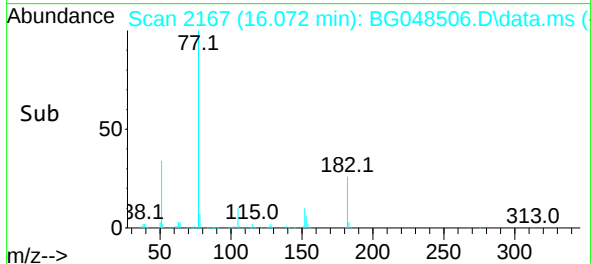
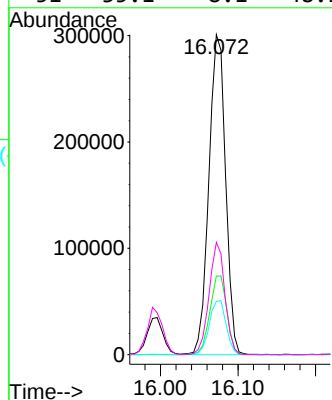
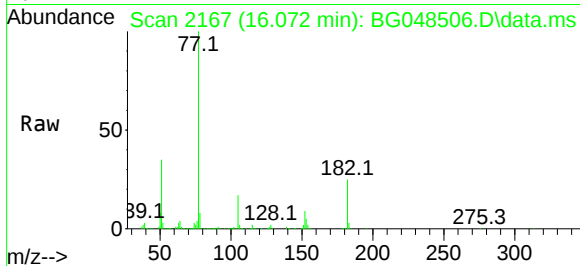




#63
Azobenzene
Concen: 37.56 ng
RT: 16.072 min Scan# 2167
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

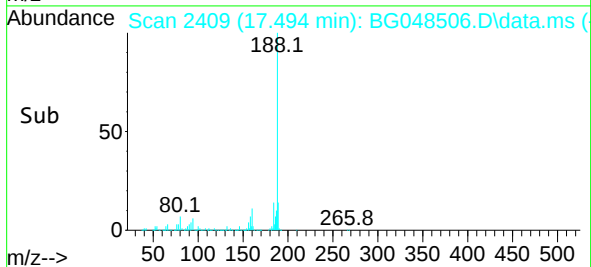
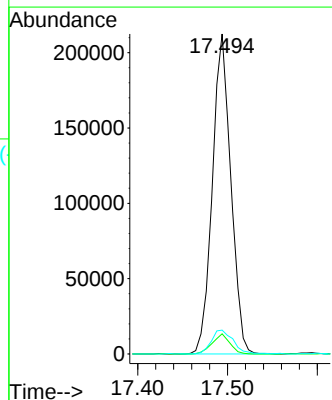
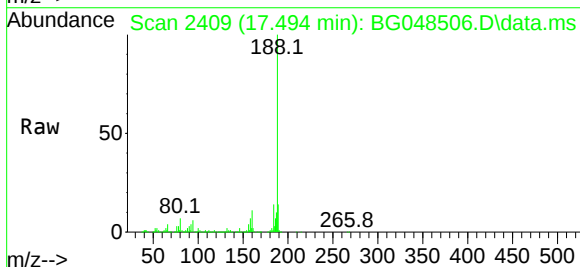
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

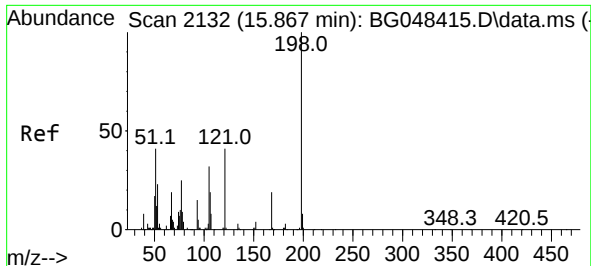
Tgt Ion: 77	Resp: 450984
Ion Ratio	Lower Upper
77 100	
182 24.6	14.0 54.0
105 16.6	3.0 43.0
51 35.1	8.1 48.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 188	Resp: 303480
Ion Ratio	Lower Upper
188 100	
94 6.3	6.3 9.5#
80 7.4	7.0 10.6

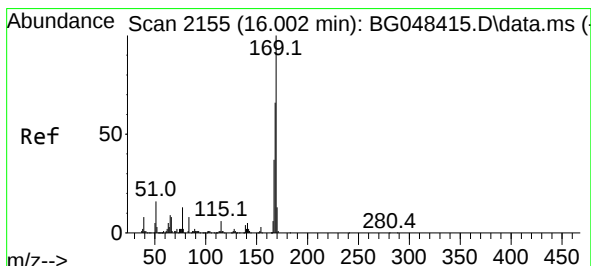
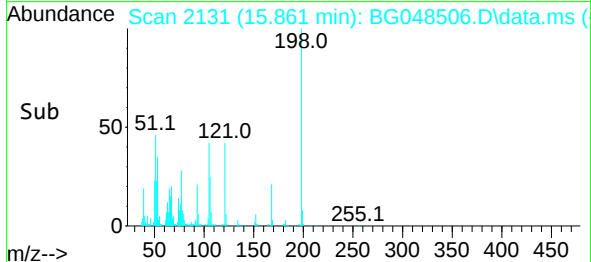
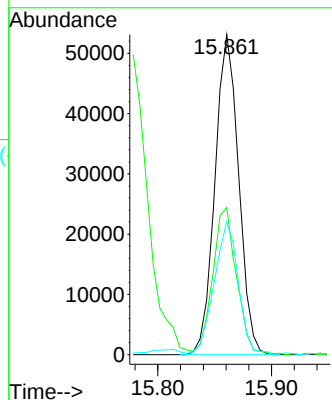
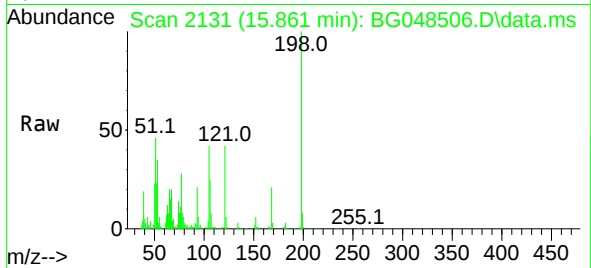




#65
4,6-Dinitro-2-methylphenol
Concen: 40.22 ng
RT: 15.861 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

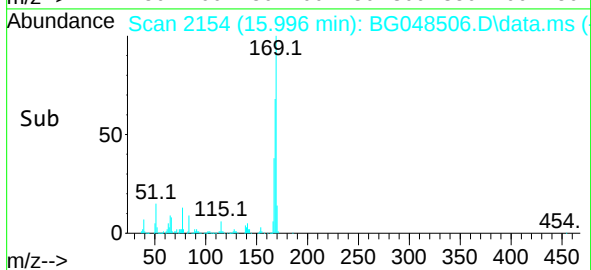
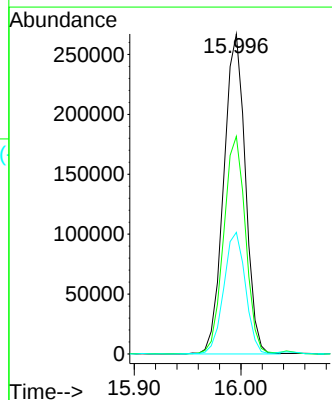
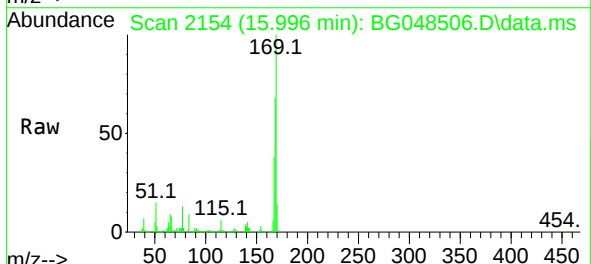
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

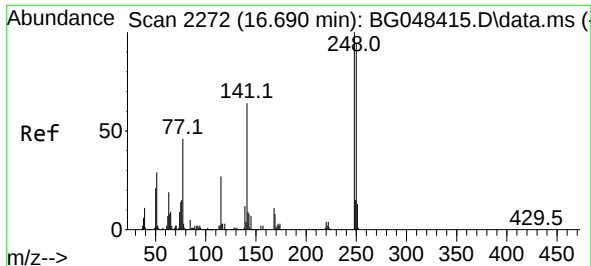
Tgt Ion:198 Resp: 76871
Ion Ratio Lower Upper
198 100
51 46.0 10.4 50.4
105 41.5 12.9 52.9



#66
n-Nitrosodiphenylamine
Concen: 42.75 ng
RT: 15.996 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:169 Resp: 375878
Ion Ratio Lower Upper
169 100
168 68.0 55.5 83.3
167 38.0 30.5 45.7

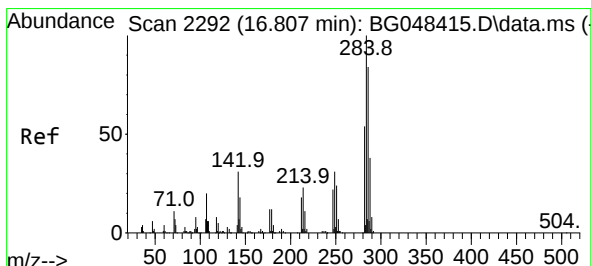
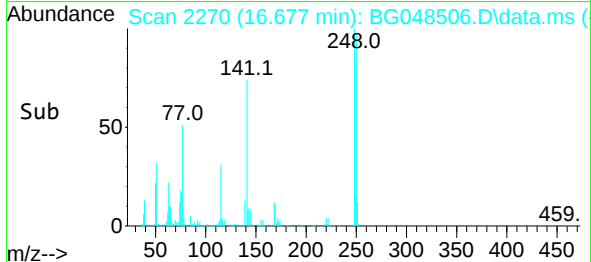
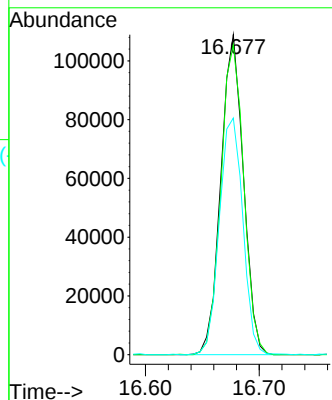
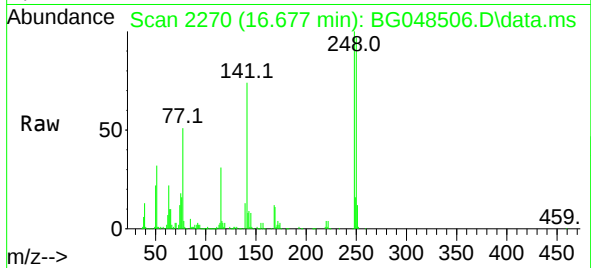




#67
4-Bromophenyl-phenylether
Concen: 39.26 ng
RT: 16.677 min Scan# 2270
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

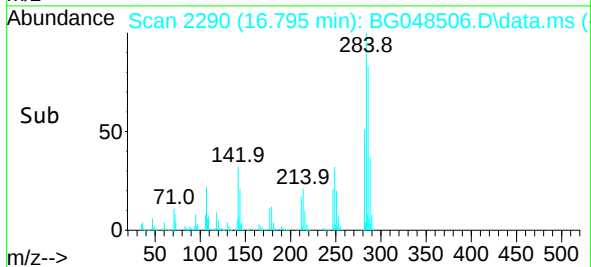
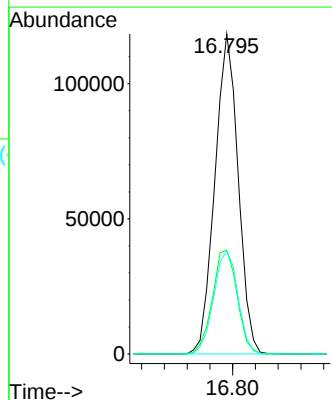
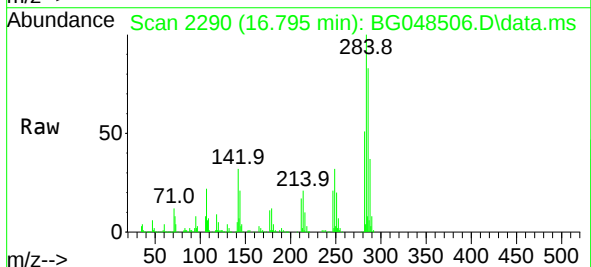
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

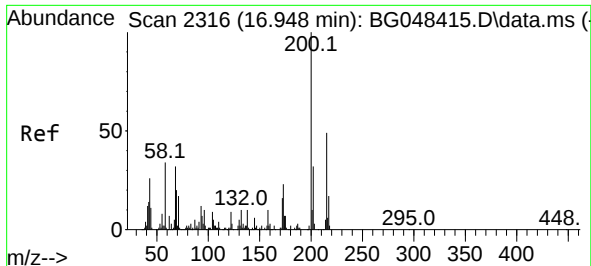
Tgt Ion:248 Resp: 150069
Ion Ratio Lower Upper
248 100
250 96.8 78.9 118.3
141 73.9 46.2 69.4#



#68
Hexachlorobenzene
Concen: 41.07 ng
RT: 16.795 min Scan# 2290
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:284 Resp: 168204
Ion Ratio Lower Upper
284 100
142 32.5 21.1 31.7#
249 32.2 25.9 38.9

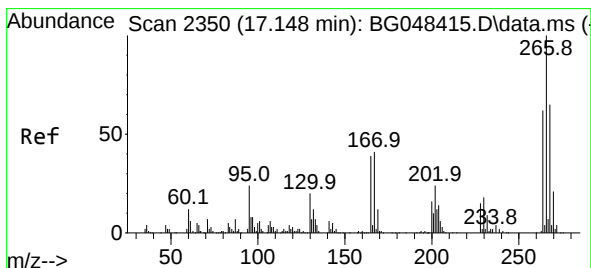
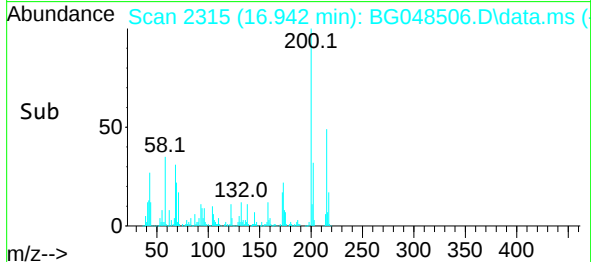
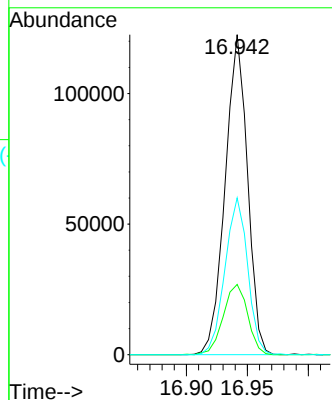
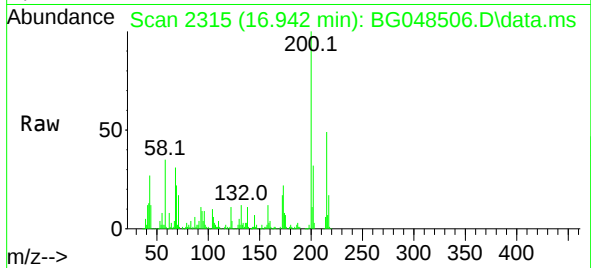




#69
 Atrazine
 Concen: 44.12 ng
 RT: 16.942 min Scan# 2315
 Delta R.T. -0.004 min
 Lab File: BG048506.D
 Acq: 25 Mar 2021 17:45

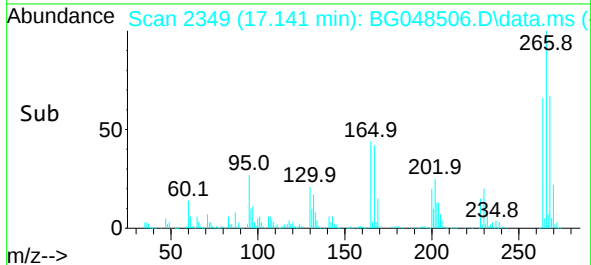
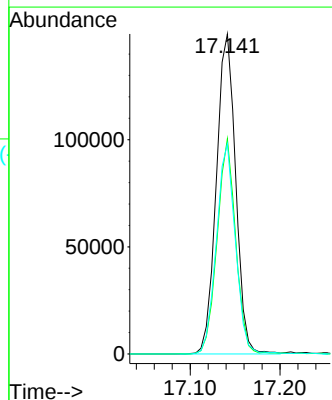
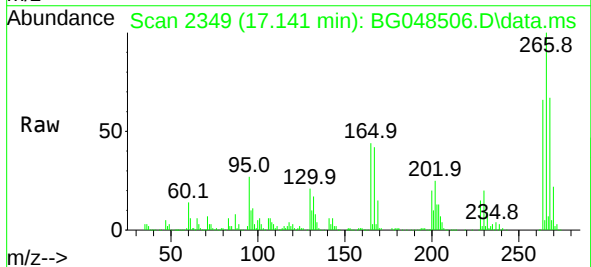
Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLEMSD

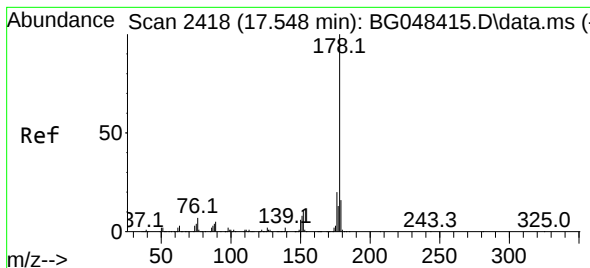
Tgt Ion:200 Resp: 156020
 Ion Ratio Lower Upper
 200 100
 173 21.9 4.2 44.2
 215 49.0 30.0 70.0



#70
 Pentachlorophenol
 Concen: 81.93 ng
 RT: 17.141 min Scan# 2349
 Delta R.T. 0.002 min
 Lab File: BG048506.D
 Acq: 25 Mar 2021 17:45

Tgt Ion:266 Resp: 223068
 Ion Ratio Lower Upper
 266 100
 268 67.2 49.8 74.6
 264 65.7 49.3 73.9

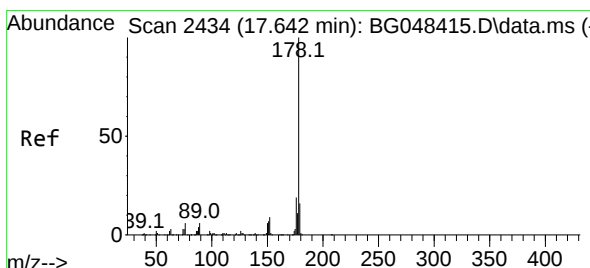
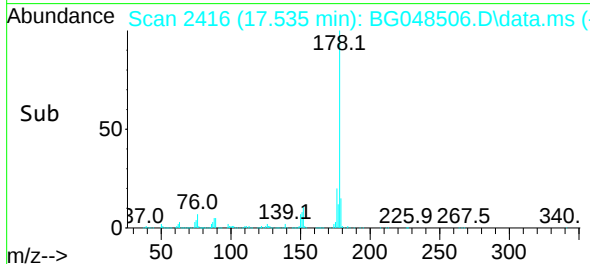
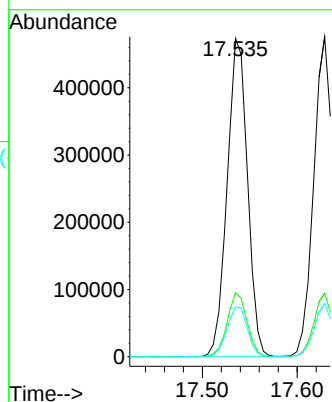
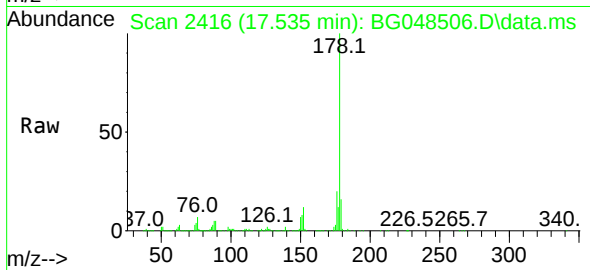




#71
Phenanthrene
Concen: 43.97 ng
RT: 17.535 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

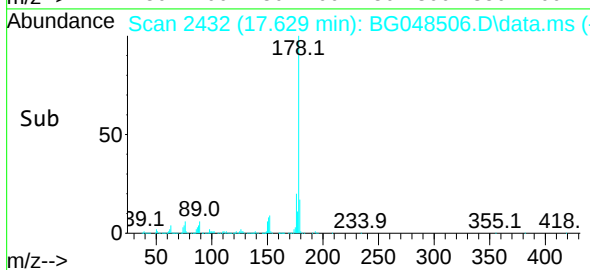
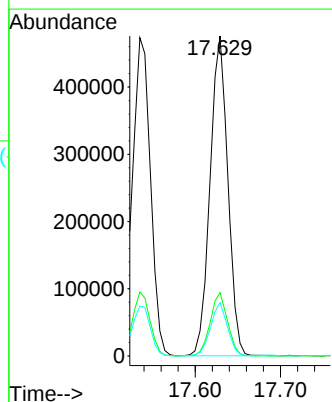
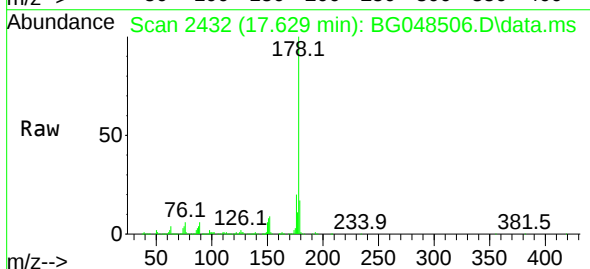
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

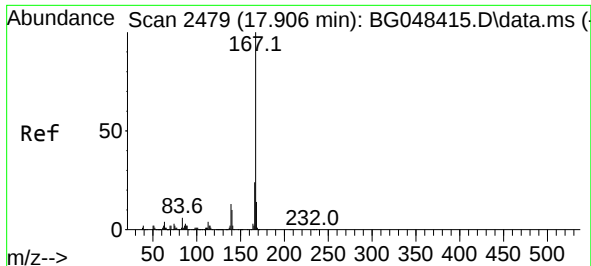
Tgt Ion:178 Resp: 704873
Ion Ratio Lower Upper
178 100
176 20.1 16.7 25.1
179 15.6 14.0 21.0



#72
Anthracene
Concen: 43.48 ng
RT: 17.629 min Scan# 2432
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:178 Resp: 691565
Ion Ratio Lower Upper
178 100
176 19.8 16.4 24.6
179 16.6 13.8 20.6

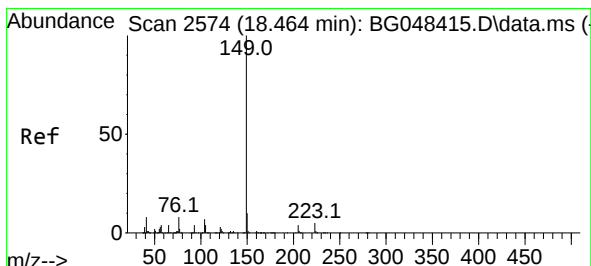
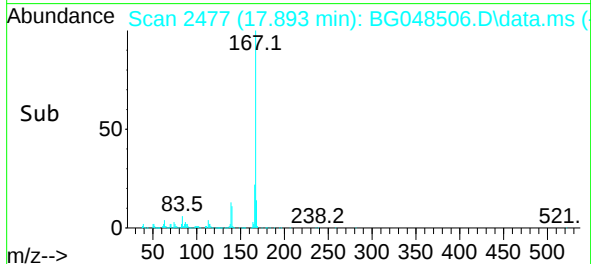
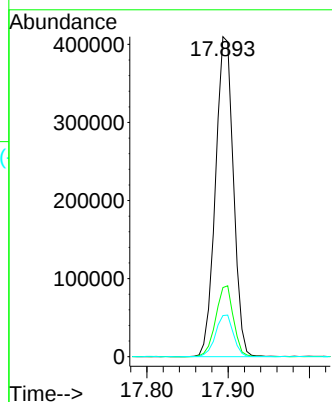
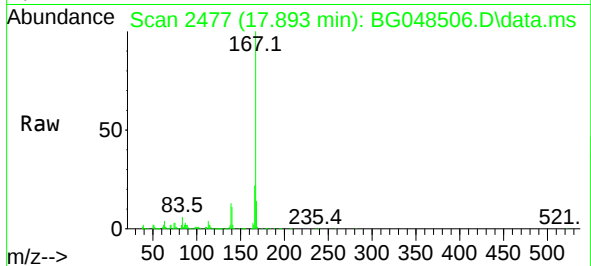




#73
 Carbazole
 Concen: 41.47 ng
 RT: 17.893 min Scan# 2477
 Delta R.T. -0.004 min
 Lab File: BG048506.D
 Acq: 25 Mar 2021 17:45

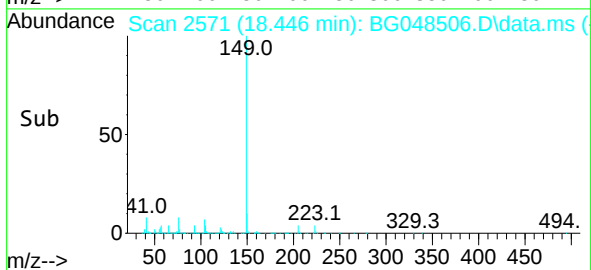
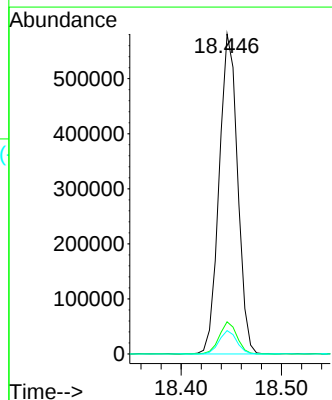
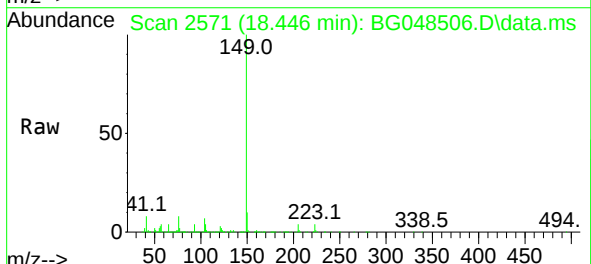
Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLEMSD

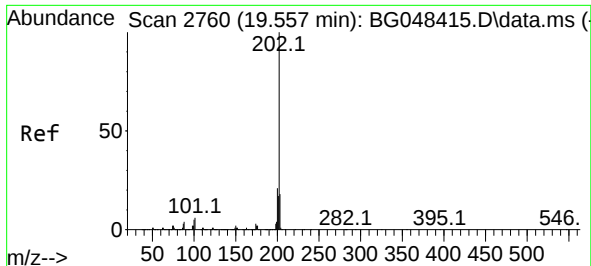
Tgt Ion:167 Resp: 628961
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.7 28.1
 139 12.9 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 44.13 ng
 RT: 18.446 min Scan# 2571
 Delta R.T. -0.010 min
 Lab File: BG048506.D
 Acq: 25 Mar 2021 17:45

Tgt Ion:149 Resp: 740854
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.2 12.4
 104 7.3 3.8 5.8#

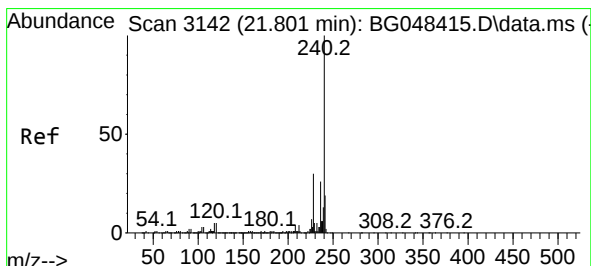
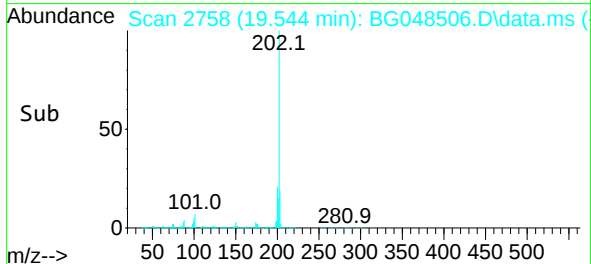
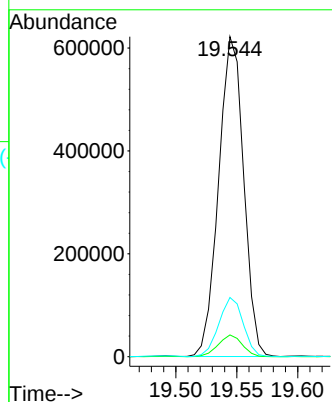
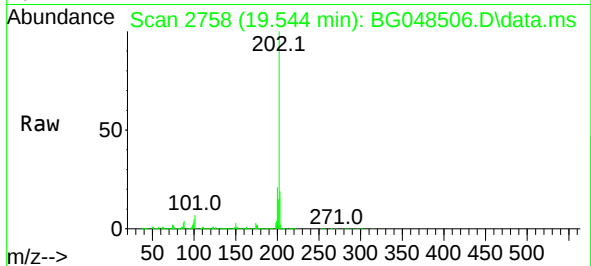




#75
Fluoranthene
Concen: 41.54 ng
RT: 19.544 min Scan# 2758
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

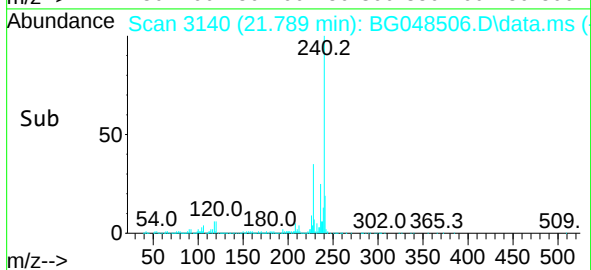
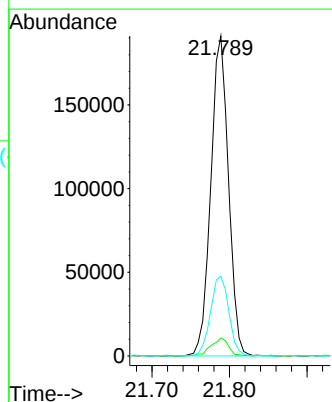
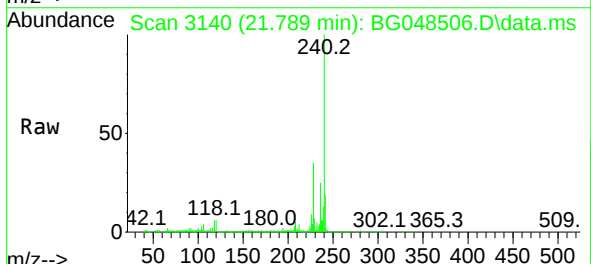
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

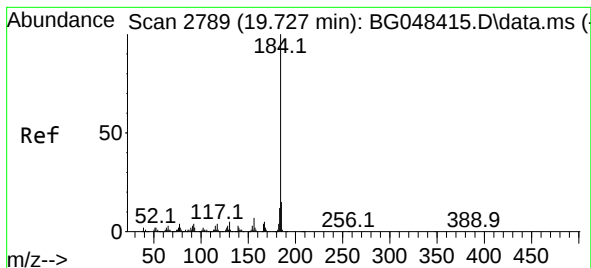
Tgt Ion:202 Resp: 886730
Ion Ratio Lower Upper
202 100
101 6.8 0.0 29.7
203 18.5 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:240 Resp: 303662
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 24.9 20.5 30.7





#77

Benzidine

Concen: 33.21 ng

RT: 19.721 min Scan# 2788

Delta R.T. -0.004 min

Lab File: BG048506.D

Acq: 25 Mar 2021 17:45

Tgt Ion:184 Resp: 302064

Ion Ratio Lower Upper

184 100

185 13.7 12.4 18.6

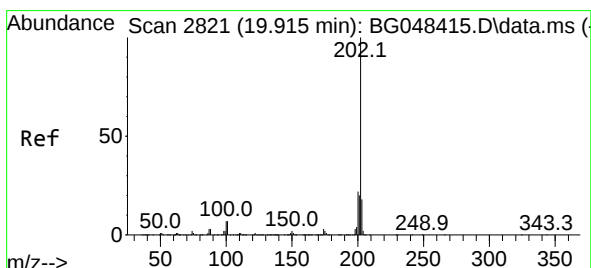
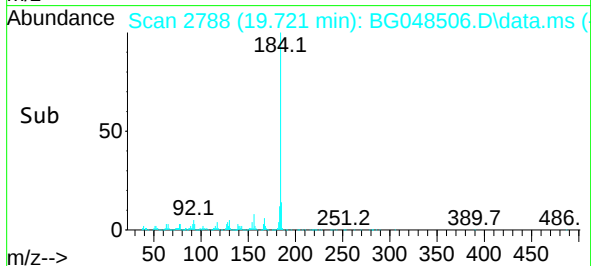
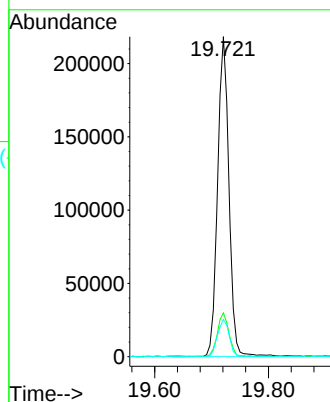
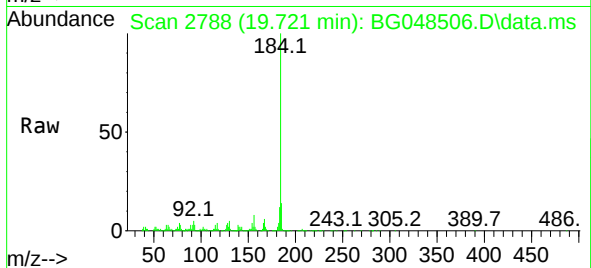
183 11.6 10.6 15.8

Instrument :

BNA_G

ClientSampleId :

SP-MANHOLEMSD



#78

Pyrene

Concen: 42.38 ng

RT: 19.909 min Scan# 2820

Delta R.T. -0.004 min

Lab File: BG048506.D

Acq: 25 Mar 2021 17:45

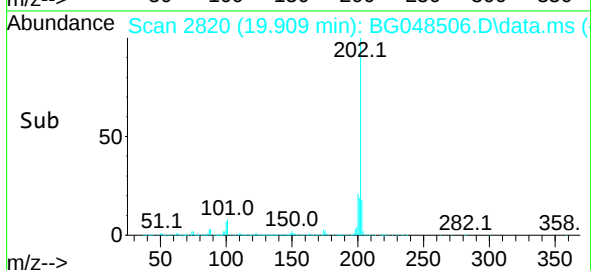
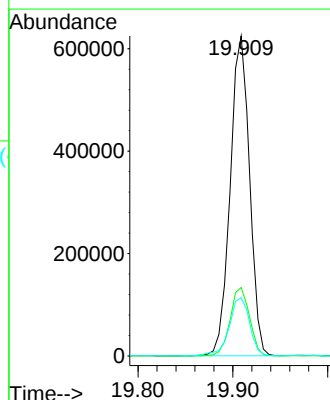
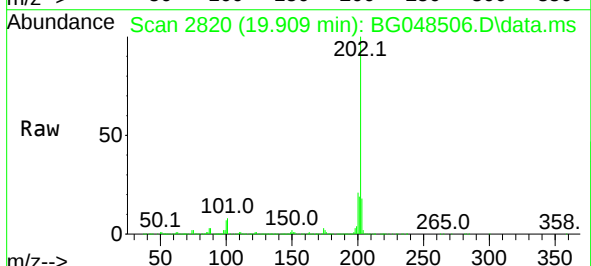
Tgt Ion:202 Resp: 883890

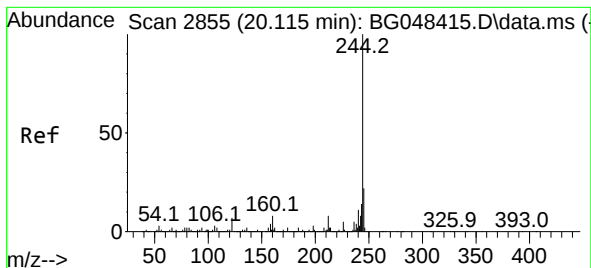
Ion Ratio Lower Upper

202 100

200 21.4 18.6 27.8

203 18.2 15.3 22.9





#79

Terphenyl-d14

Concen: 50.15 ng

RT: 20.103 min Scan# 2853

Delta R.T. -0.004 min

Lab File: BG048506.D

Acq: 25 Mar 2021 17:45

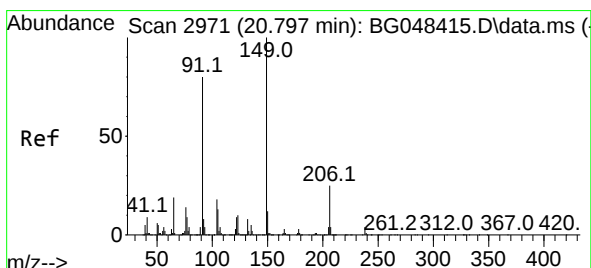
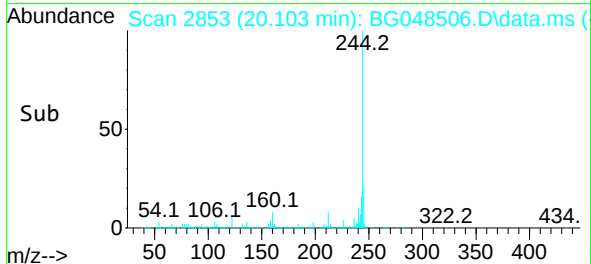
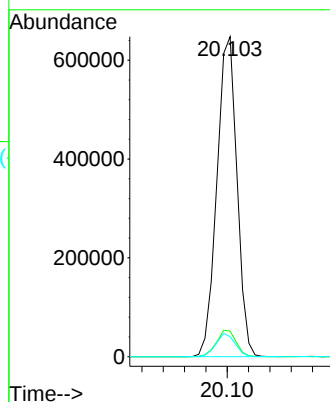
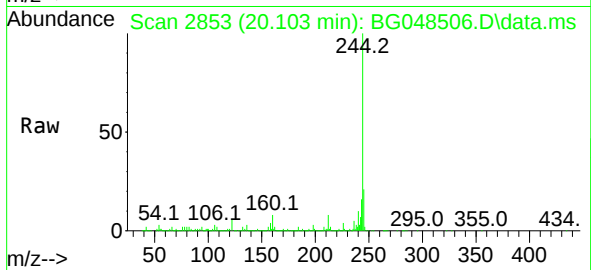
Tgt Ion:244 Resp: 844369

Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

122 6.3 7.8 11.6#



#80

Butylbenzylphthalate

Concen: 46.00 ng

RT: 20.784 min Scan# 2969

Delta R.T. -0.010 min

Lab File: BG048506.D

Acq: 25 Mar 2021 17:45

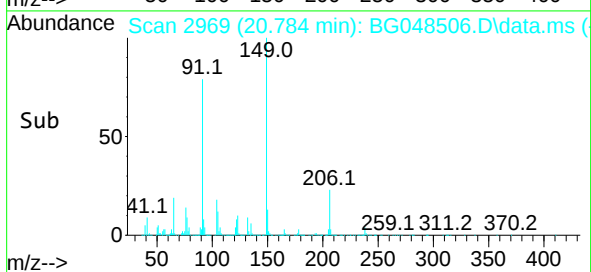
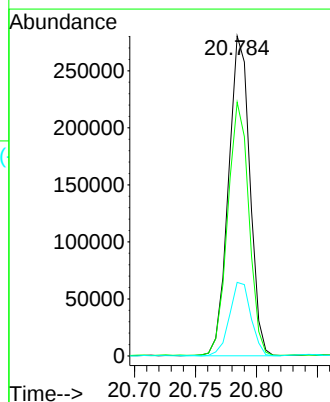
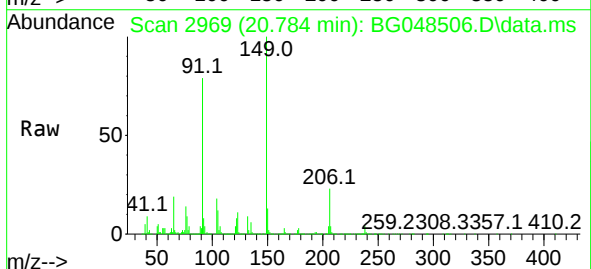
Tgt Ion:149 Resp: 340995

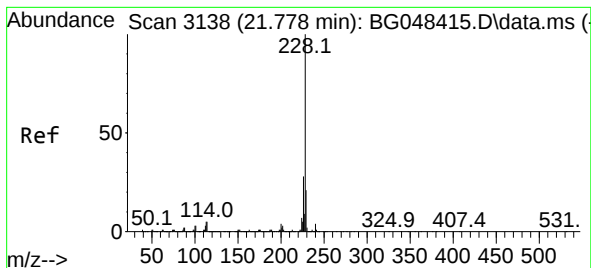
Ion Ratio Lower Upper

149 100

91 79.3 51.5 77.3#

206 23.0 21.2 31.8

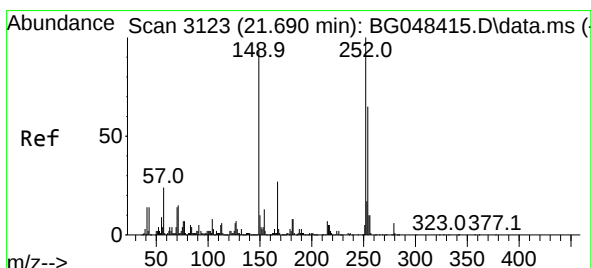
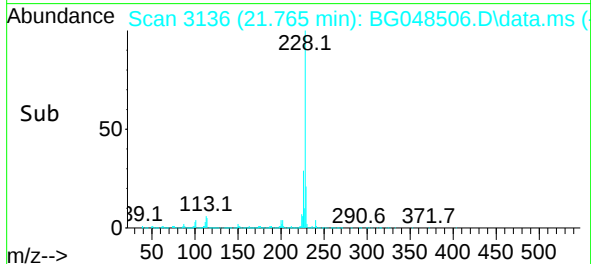
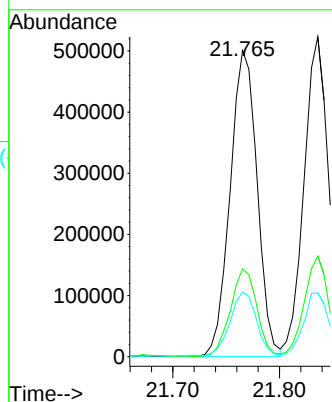
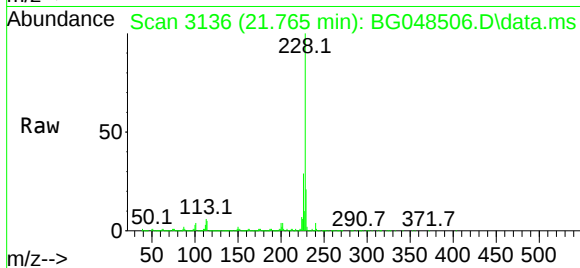




#81
Benzo(a)anthracene
Concen: 41.84 ng
RT: 21.765 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

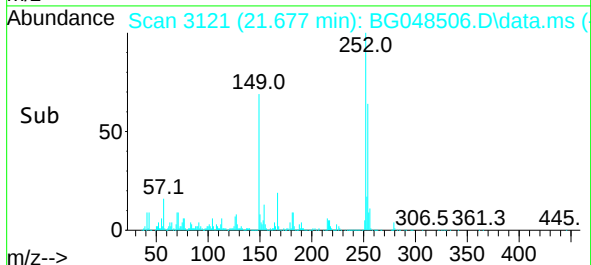
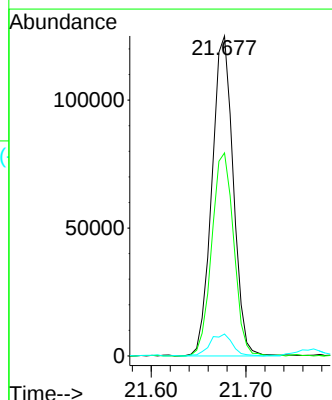
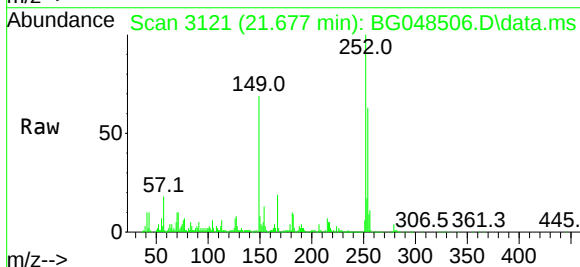
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

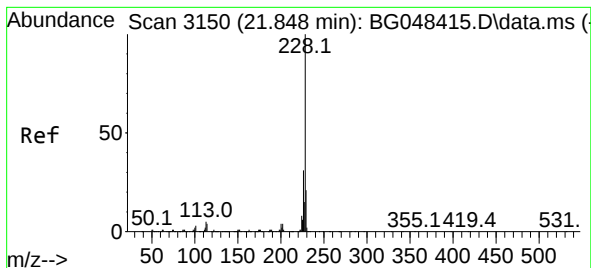
Tgt Ion:228 Resp: 881227
Ion Ratio Lower Upper
228 100
226 28.6 23.3 34.9
229 21.1 17.4 26.0



#82
3,3'-Dichlorobenzidine
Concen: 25.73 ng
RT: 21.677 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:252 Resp: 195553
Ion Ratio Lower Upper
252 100
254 63.4 53.2 79.8
126 6.8 6.8 10.2





#83

Chrysene

Concen: 41.35 ng

RT: 21.836 min Scan# 3148

Delta R.T. -0.004 min

Lab File: BG048506.D

Acq: 25 Mar 2021 17:45

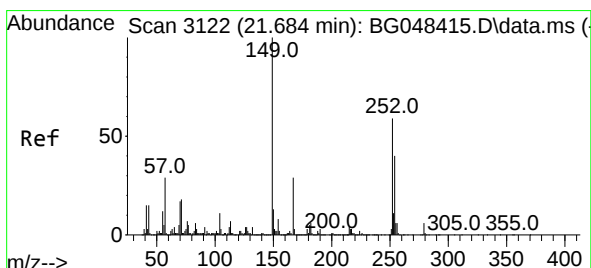
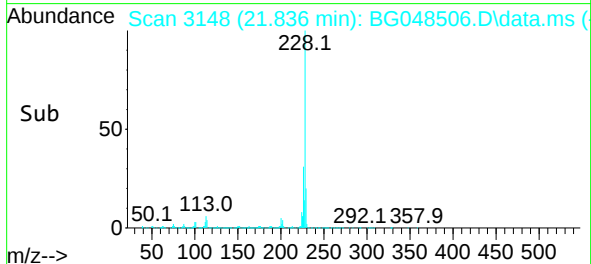
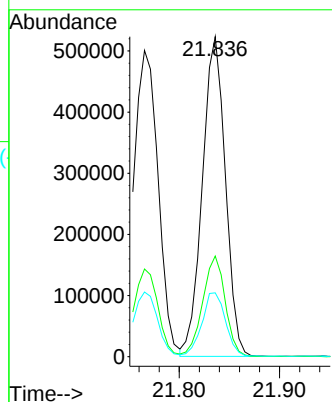
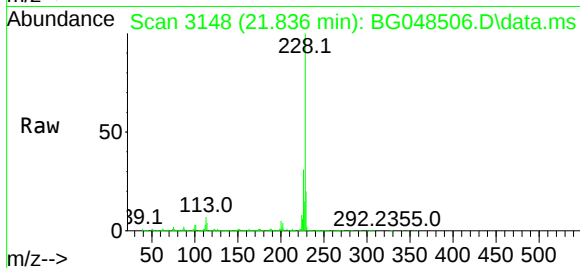
Instrument :

BNA_G

ClientSampleId :

SP-MANHOLEMSD

Tgt Ion:228	Resp: 834950
Ion Ratio	Lower Upper
228	100
226	31.5 25.0 37.4
229	19.9 17.3 25.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.87 ng

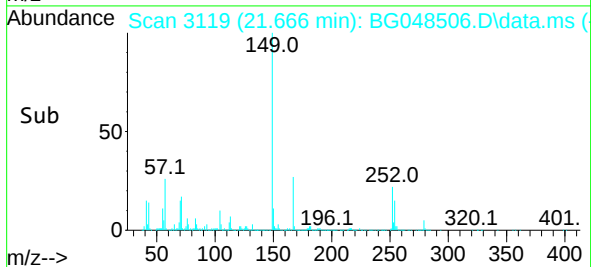
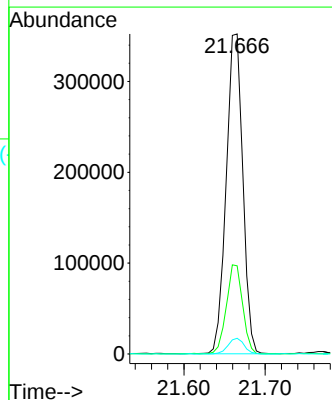
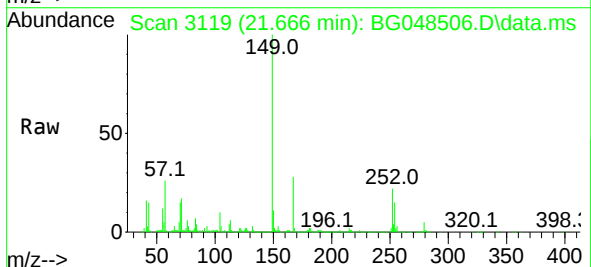
RT: 21.666 min Scan# 3119

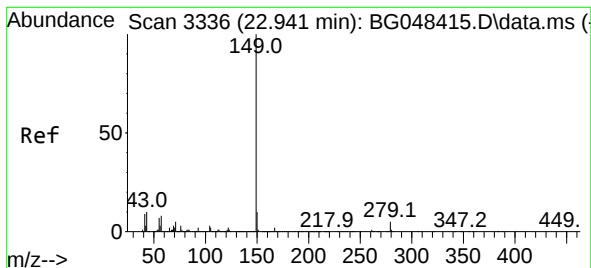
Delta R.T. -0.004 min

Lab File: BG048506.D

Acq: 25 Mar 2021 17:45

Tgt Ion:149	Resp: 500533
Ion Ratio	Lower Upper
149	100
167	27.6 24.8 37.2
279	4.9 4.6 7.0

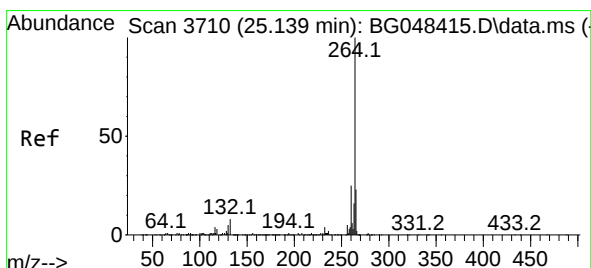
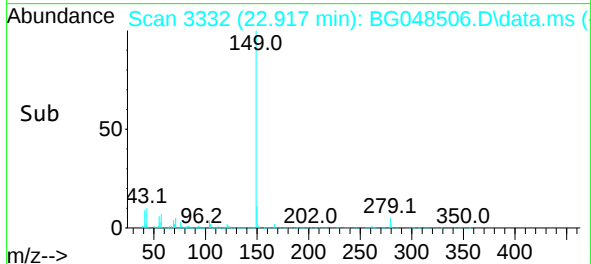
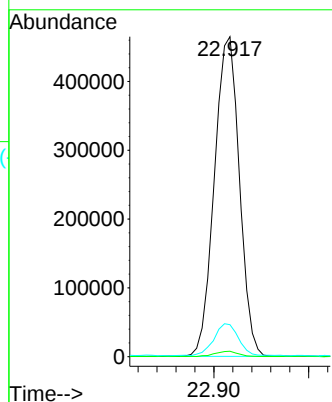
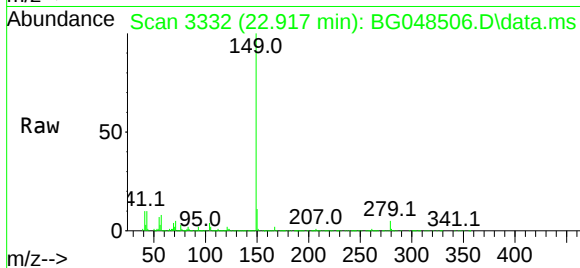




#85
Di-n-octyl phthalate
Concen: 49.57 ng
RT: 22.917 min Scan# 3332
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

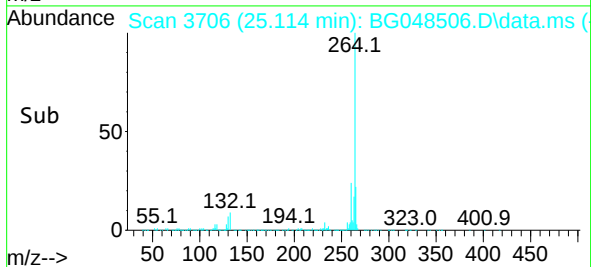
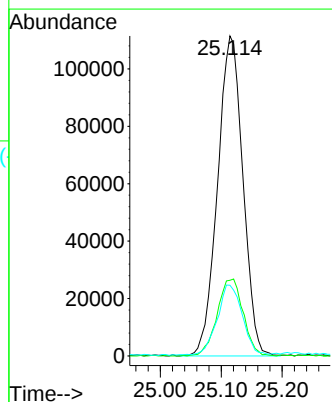
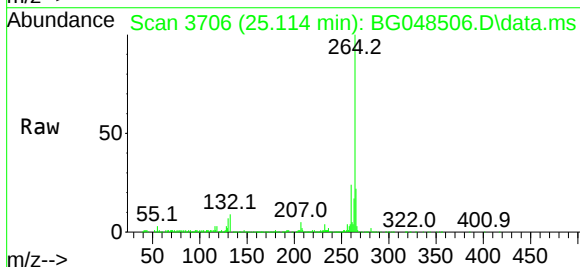
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

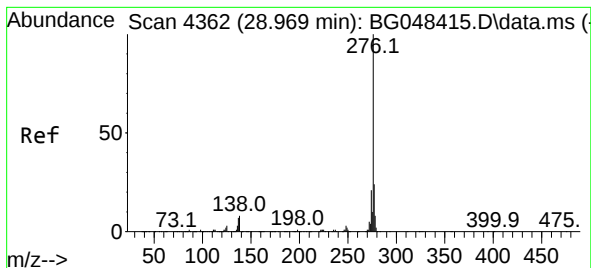
Tgt Ion:149 Resp: 850053
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 10.0 6.8 10.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.114 min Scan# 3706
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

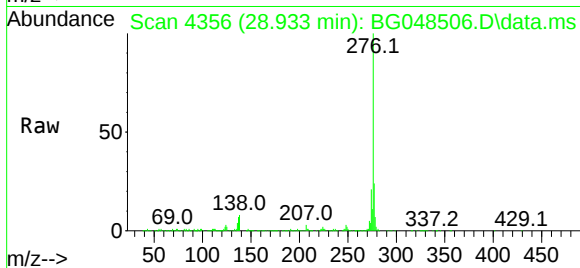
Tgt Ion:264 Resp: 322495
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.1 17.8 26.8



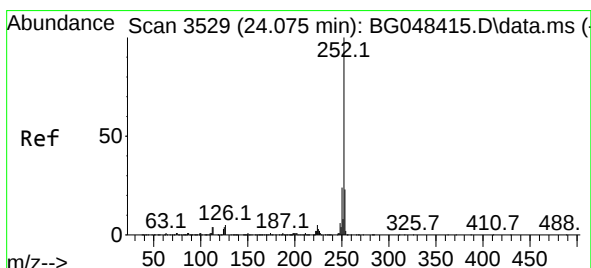
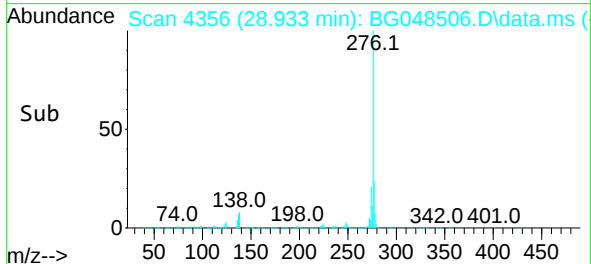
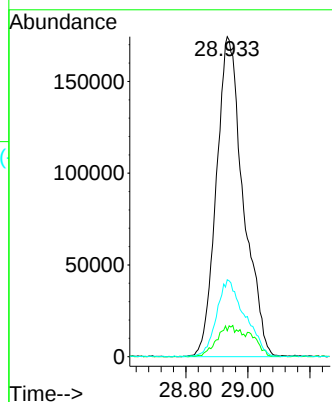


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.78 ng
 RT: 28.933 min Scan# 4356
 Delta R.T. -0.015 min
 Lab File: BG048506.D
 Acq: 25 Mar 2021 17:45

Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLEMSD

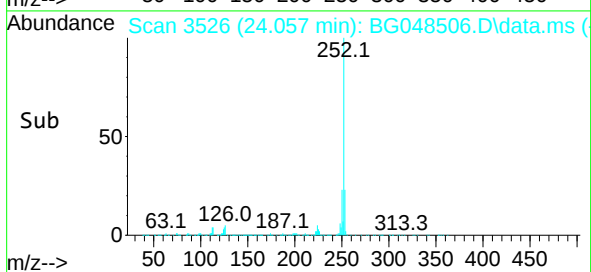
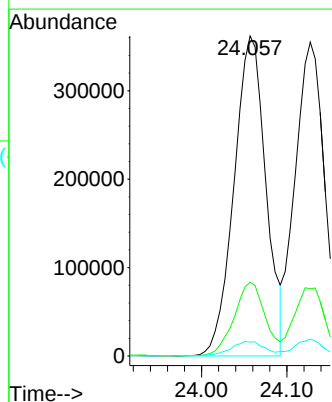
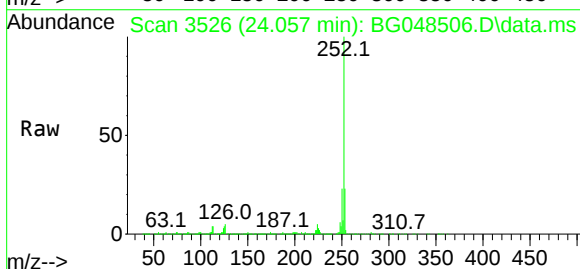


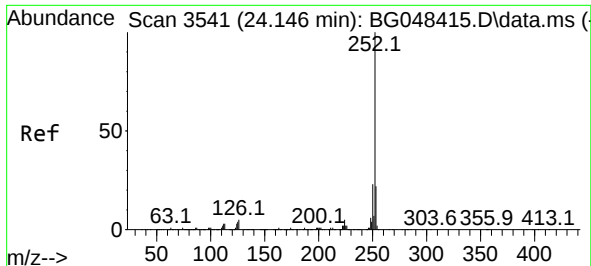
Tgt Ion:276 Resp: 1052164
 Ion Ratio Lower Upper
 276 100
 138 4.2 16.2 24.2#
 277 25.3 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 41.35 ng
 RT: 24.057 min Scan# 3526
 Delta R.T. -0.004 min
 Lab File: BG048506.D
 Acq: 25 Mar 2021 17:45

Tgt Ion:252 Resp: 939594
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.7 28.1
 125 4.4 6.5 9.7#

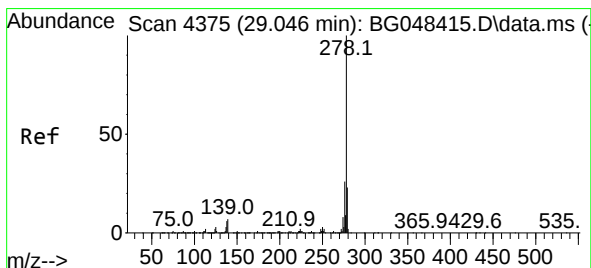
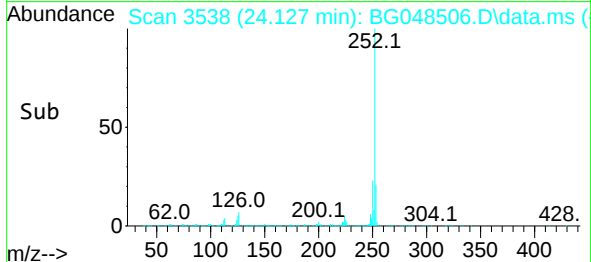
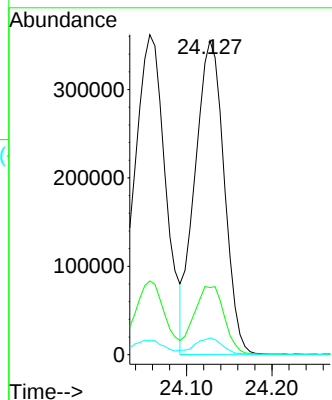
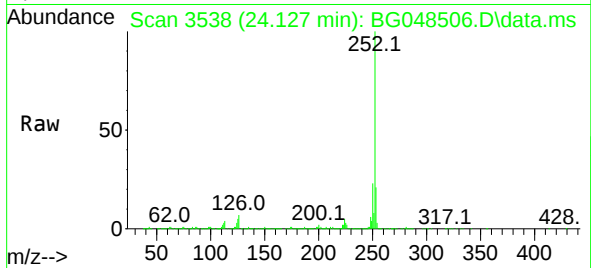




#89
Benzo(k)fluoranthene
Concen: 39.37 ng
RT: 24.127 min Scan# 3538
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

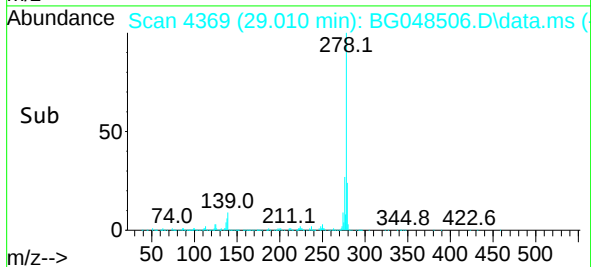
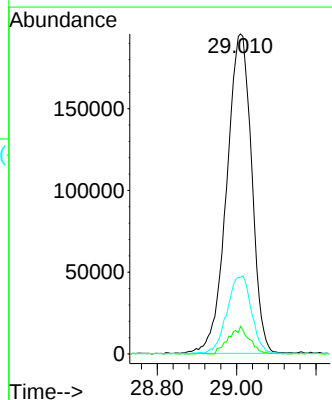
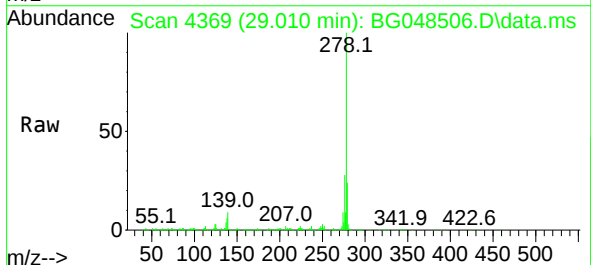
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

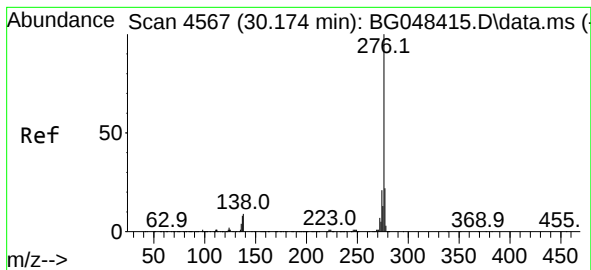
Tgt Ion:252 Resp: 844130
Ion Ratio Lower Upper
252 100
253 21.4 18.6 27.8
125 5.4 6.8 10.2#



#91
Dibenzo(a,h)anthracene
Concen: 40.63 ng
RT: 29.010 min Scan# 4369
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

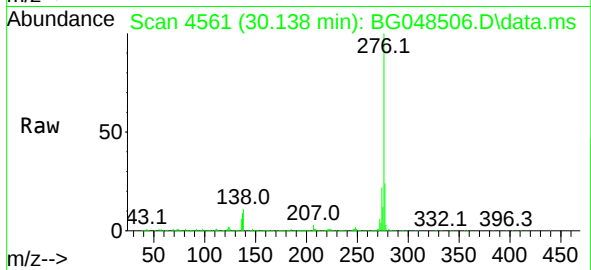
Tgt Ion:278 Resp: 852503
Ion Ratio Lower Upper
278 100
139 8.6 10.5 15.7#
279 24.0 19.4 29.0





#92
 Benzo(g,h,i)perylene
 Concen: 42.14 ng
 RT: 30.138 min Scan# 4561
 Delta R.T. -0.010 min
 Lab File: BG048506.D
 Acq: 25 Mar 2021 17:45

Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLEMSD



Tgt Ion:	276	Resp:	857794
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.6	29.4
138	10.7	13.4	20.2

