

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048971.D
 Acq On : 15 Jun 2021 8:32
 Operator : CG/JU
 Sample : M2674-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TMR-DS-03-060921

Quant Time: Jun 15 09:14:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	42322	20.00	ng	0.00
21) Naphthalene-d8	10.942	136	170603	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	122465	20.00	ng	0.00
64) Phenanthrene-d10	17.517	188	251506	20.00	ng	# 0.00
76) Chrysene-d12	21.800	240	258369	20.00	ng	#-0.02
86) Perylene-d12	25.138	264	265415	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	336404	123.74	ng	0.00
7) Phenol-d6	7.282	99	409408	100.47	ng	0.02
23) Nitrobenzene-d5	9.291	82	360151	91.03	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	241917	133.33	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	727351	83.90	ng	0.00
79) Terphenyl-d14	20.120	244	1185554	84.04	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.311	94	269901	64.11	ng	92
15) Benzyl Alcohol	8.404	79	17321	4.64	ng	# 47
16) 2,2'-oxybis(1-Chloropr...	8.739	45	32519	5.50	ng	67
17) 2-Methylphenol	8.569	107	305058	110.50	ng	98
20) 3+4-Methylphenols	8.915	107	744390	197.22	ng	90
22) Acetophenone	8.945	105	37298	7.19	ng	# 80
24) Nitrobenzene	9.233	77	27449	6.16	ng	# 1
27) 2,4-Dimethylphenol	10.114	122	282645	103.12	ng	97
28) bis(2-Chloroethoxy)met...	10.390	93	12197	3.06	ng	# 1
31) Naphthalene	10.995	128	56198	5.53	ng	# 92
32) Benzoic acid	10.243	122	22416	12.52	ng	# 69
36) 4-Chloro-3-methylphenol	12.112	107	47842	12.73	ng	# 22
37) 2-Methylnaphthalene	12.593	142	22353	2.91	ng	# 85
38) 1-Methylnaphthalene	12.817	142	16677	2.31	ng	# 98
48) 2-Nitroaniline	13.857	65	7829	3.94	ng	# 35
50) Dimethylphthalate	14.215	163	64740	6.79	ng	# 90
53) 3-Nitroaniline	14.644	138	22311	11.34	ng	# 7
54) 2,4-Dinitrophenol	14.908	184	2693	2.99	ng	# 1
56) 4-Nitrophenol	14.914	139	21446	13.37	ng	# 56
57) 2,4-Dinitrotoluene	15.091	165	7139	2.99	ng	# 58
67) 4-Bromophenyl-phenylether	16.254	248	16175	5.15	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.689	149	39019	3.87	ng	99

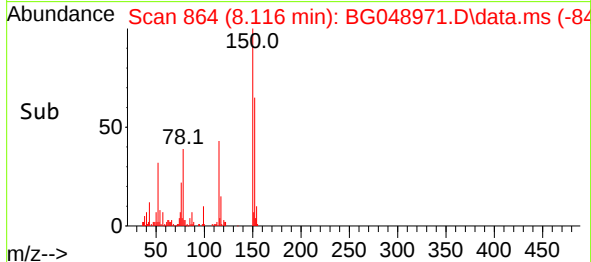
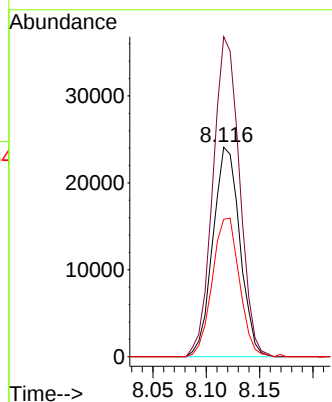
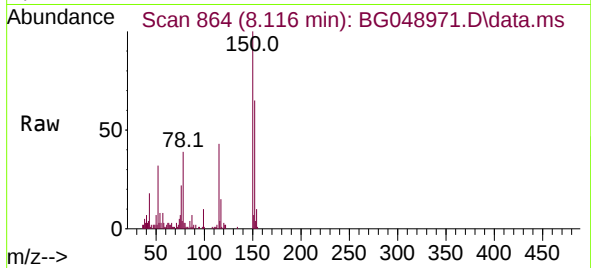
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.116 min Scan# 864
Delta R.T. -0.006 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

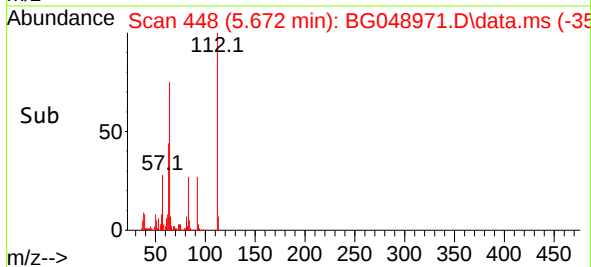
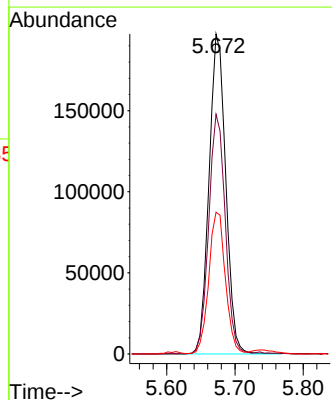
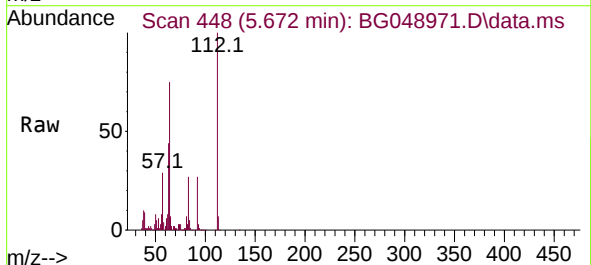
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

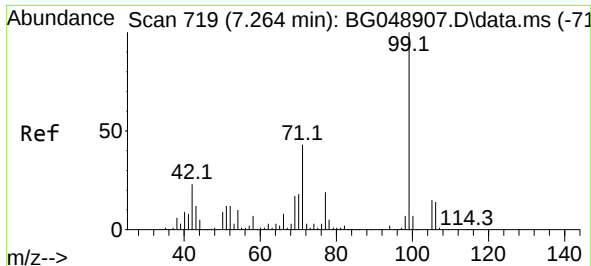
Tgt Ion:152 Resp: 42322
Ion Ratio Lower Upper
152 100
150 152.7 119.4 179.0
115 65.6 60.2 90.4



#5
2-Fluorophenol
Concen: 123.74 ng
RT: 5.672 min Scan# 448
Delta R.T. 0.006 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:112 Resp: 336404
Ion Ratio Lower Upper
112 100
64 74.9 46.7 70.1#
63 44.3 35.3 52.9

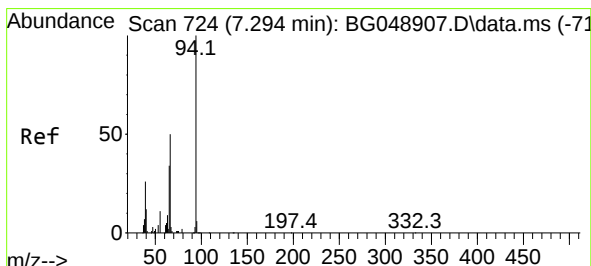
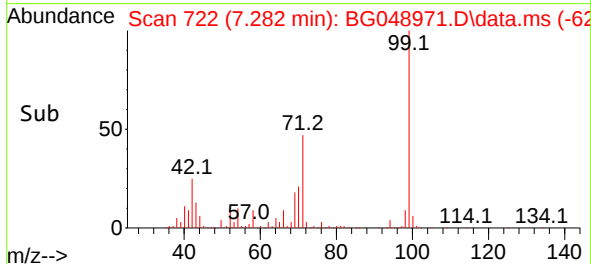
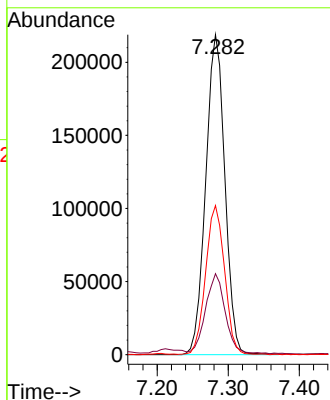
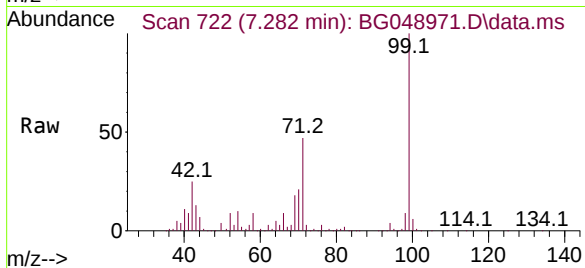




#7
Phenol-d6
Concen: 100.47 ng
RT: 7.282 min Scan# 722
Delta R.T. 0.018 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

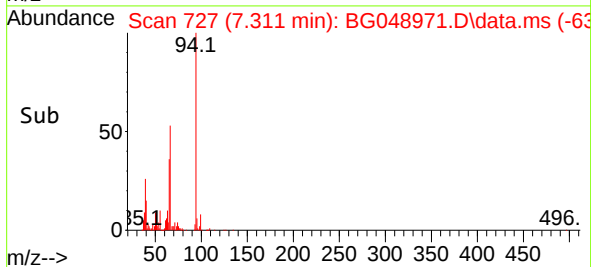
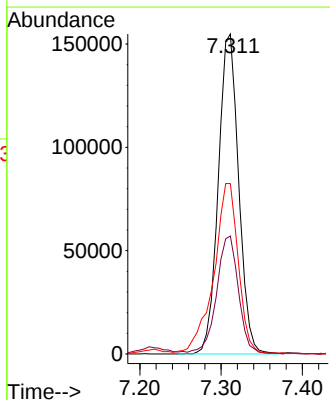
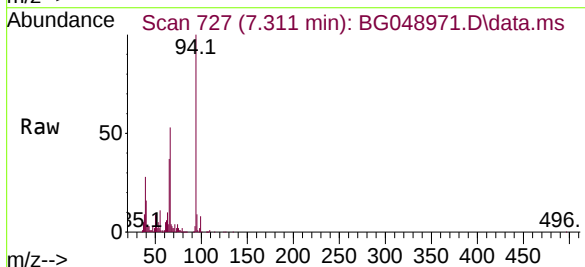
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

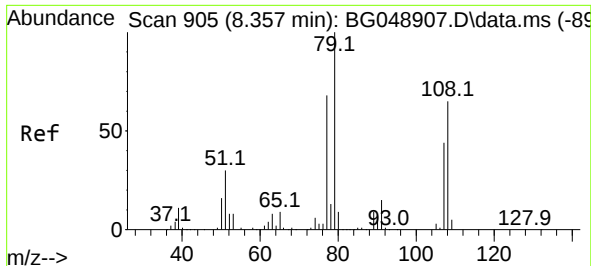
Tgt Ion: 99 Resp: 409408
Ion Ratio Lower Upper
99 100
42 25.3 20.5 30.7
71 46.6 41.5 62.3



#10
Phenol
Concen: 64.11 ng
RT: 7.311 min Scan# 727
Delta R.T. 0.018 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion: 94 Resp: 269901
Ion Ratio Lower Upper
94 100
65 36.8 12.9 52.9
66 53.3 39.4 79.4

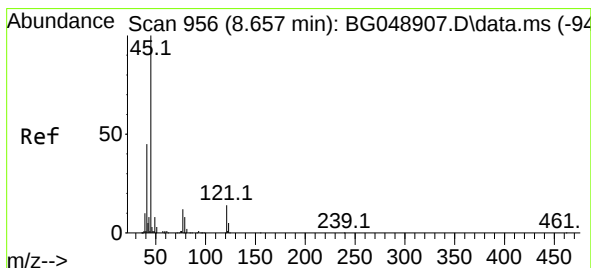
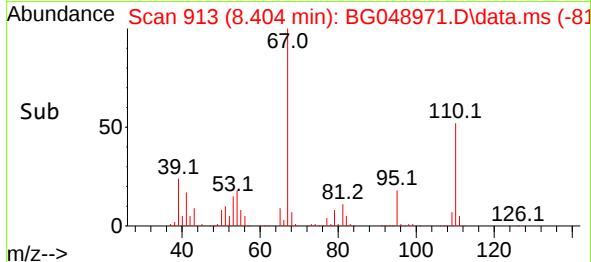
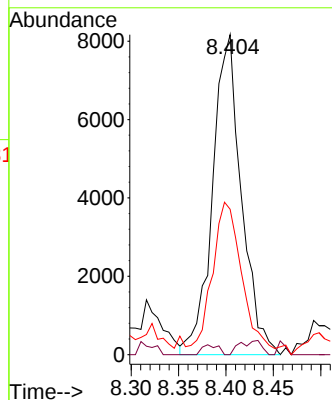
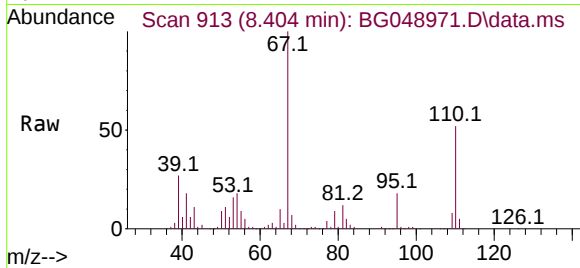




#15
Benzyl Alcohol
Concen: 4.64 ng
RT: 8.404 min Scan# 913
Delta R.T. 0.047 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

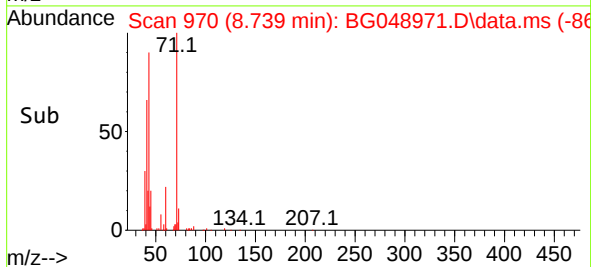
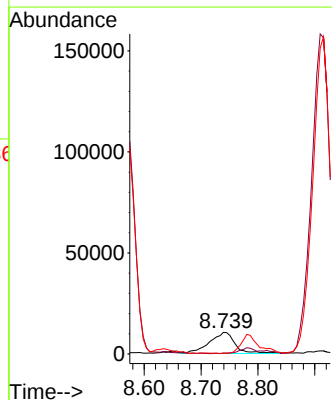
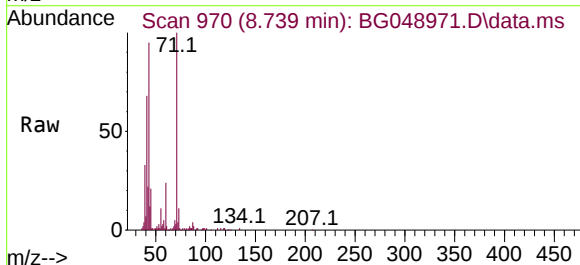
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

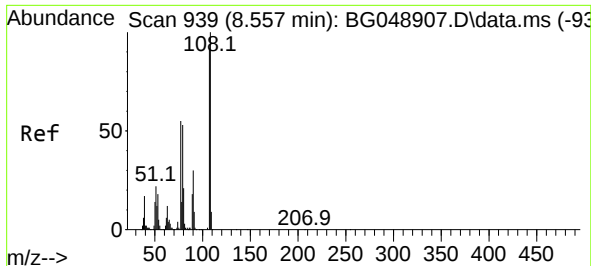
Tgt Ion: 79 Resp: 17321
Ion Ratio Lower Upper
79 100
108 0.0 48.2 72.4#
77 45.4 57.3 85.9#



#16
2,2'-oxybis(1-chloropropane)
Concen: 5.50 ng
RT: 8.739 min Scan# 970
Delta R.T. 0.082 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion: 45 Resp: 32519
Ion Ratio Lower Upper
45 100
77 3.4 2.2 42.2
79 4.4 0.0 34.3

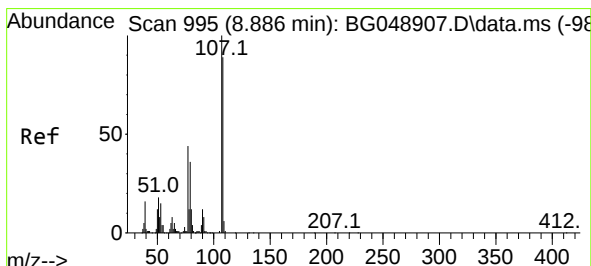
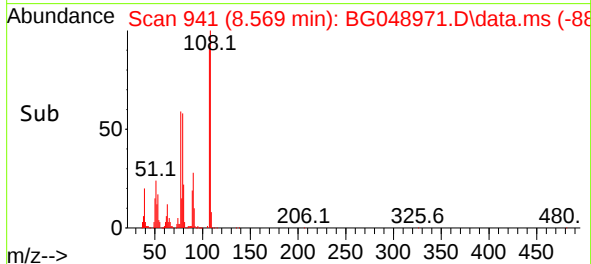
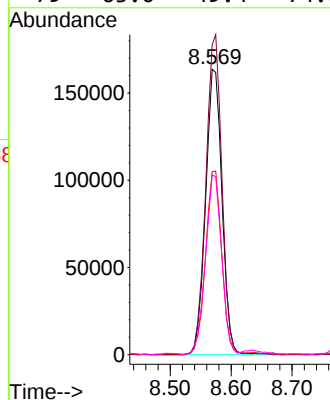
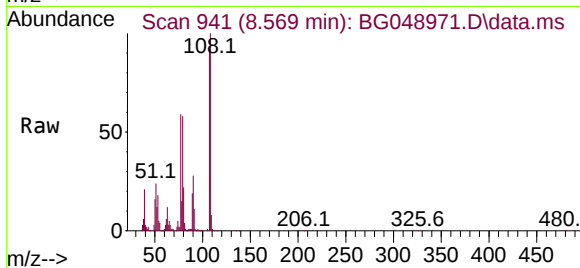




#17
2-Methylphenol
Concen: 110.50 ng
RT: 8.569 min Scan# 941
Delta R.T. 0.012 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

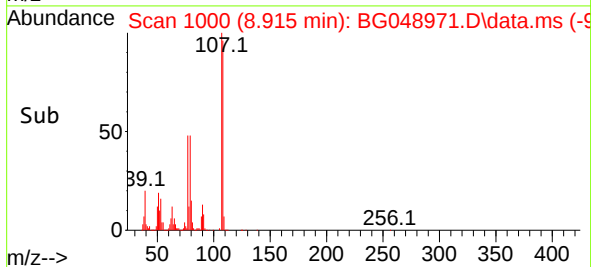
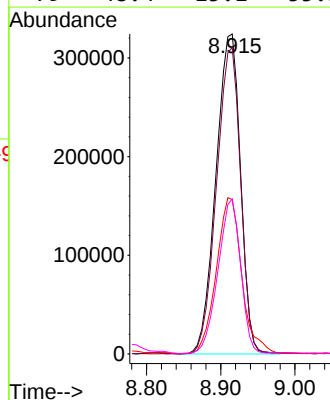
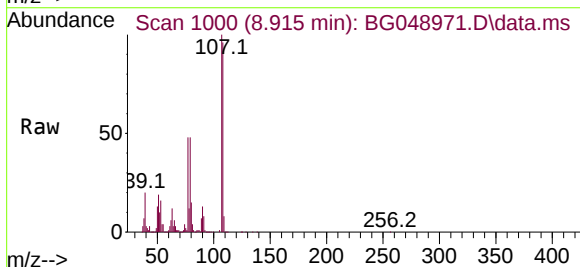
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ClientSampleId :
TMR-DS-03-060921

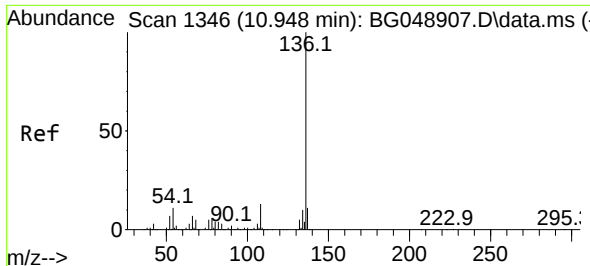
Tgt Ion:	107	Resp:	305058
Ion Ratio	Lower	Upper	
107	100		
108	108.6	84.6	127.0
77	64.1	50.7	76.1
79	63.0	49.4	74.0



#20
3+4-Methylphenols
Concen: 197.22 ng
RT: 8.915 min Scan# 1000
Delta R.T. 0.030 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:	107	Resp:	744390
Ion Ratio	Lower	Upper	
107	100		
108	95.8	69.3	109.3
77	48.2	25.2	65.2
79	48.4	15.1	55.1

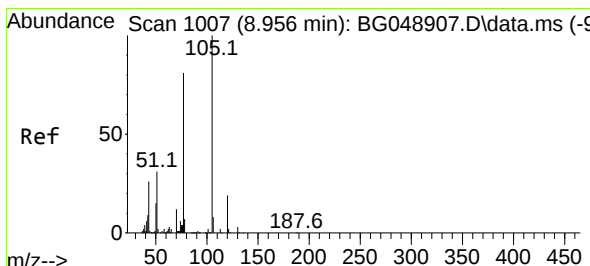
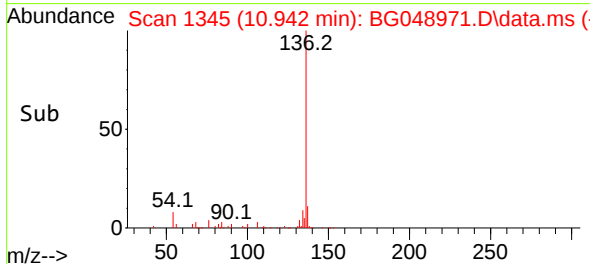
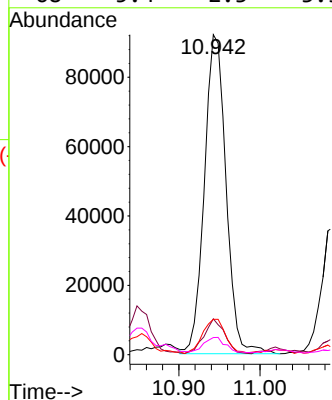
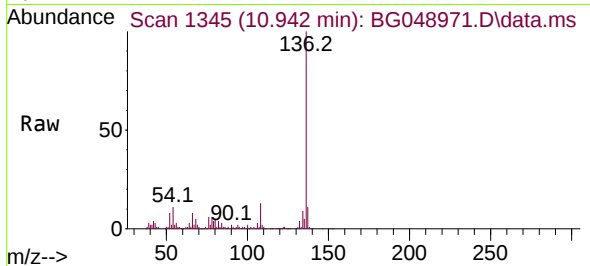




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.942 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

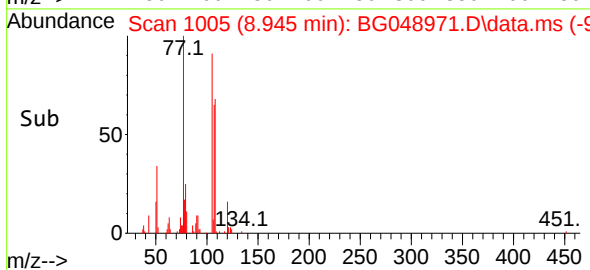
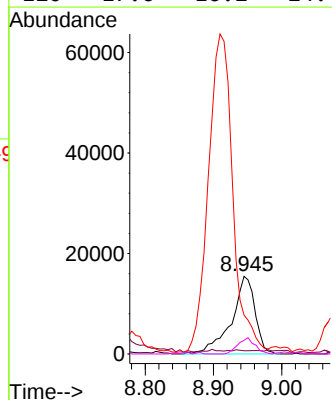
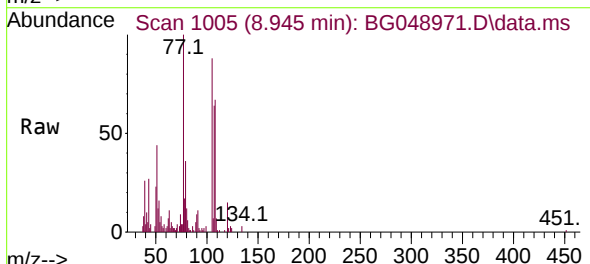
Instrument :
BNA_G
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TMR-DS-03-060921

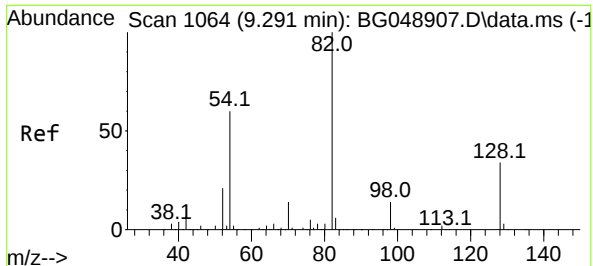
Tgt Ion:136	Resp:	170603
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.2 12.2
54	11.1	5.5 8.3#
68	5.4	2.3 3.5#



#22
Acetophenone
Concen: 7.19 ng
RT: 8.945 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:105	Resp:	37298
Ion Ratio	Lower	Upper
105	100	
71	4.1	0.6 0.8#
51	50.1	26.6 40.0#
120	17.6	16.2 24.4

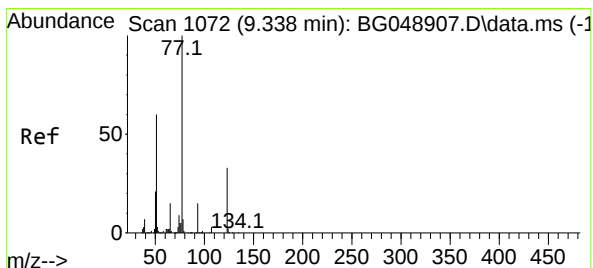
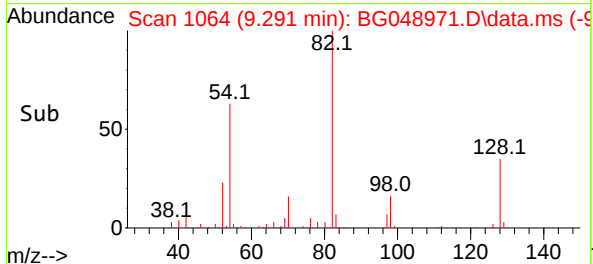
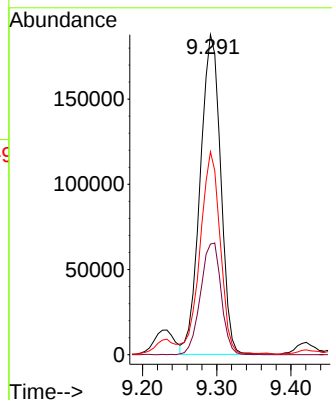
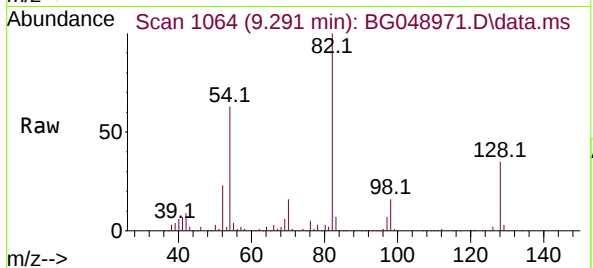




#23
Nitrobenzene-d5
Concen: 91.03 ng
RT: 9.291 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

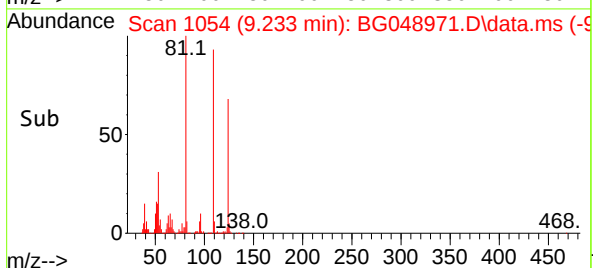
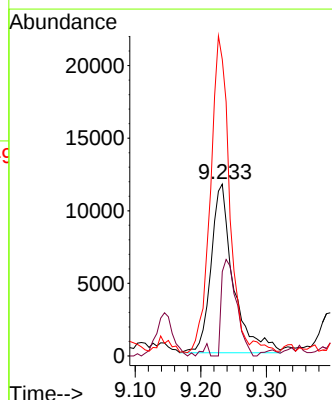
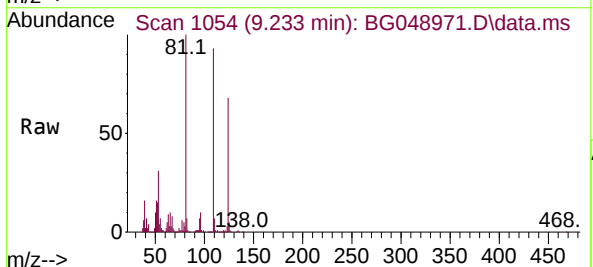
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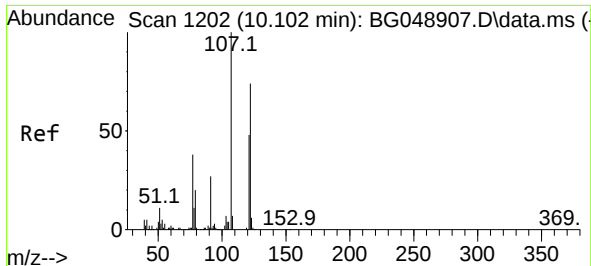
Tgt Ion: 82 Resp: 360151
Ion Ratio Lower Upper
82 100
128 34.6 29.8 44.6
54 63.4 45.8 68.8



#24
Nitrobenzene
Concen: 6.16 ng
RT: 9.233 min Scan# 1054
Delta R.T. -0.106 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion: 77 Resp: 27449
Ion Ratio Lower Upper
77 100
123 49.1 27.5 41.3#
65 172.5 12.6 18.8#

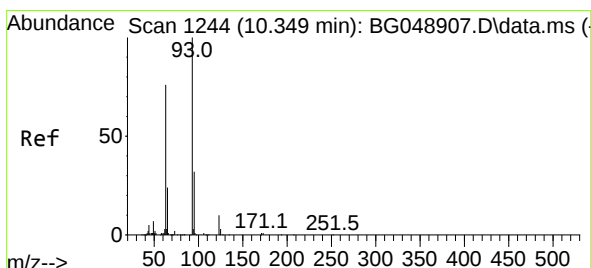
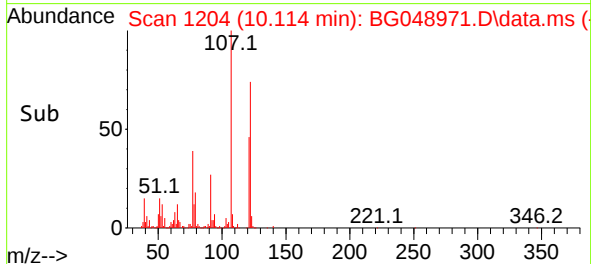
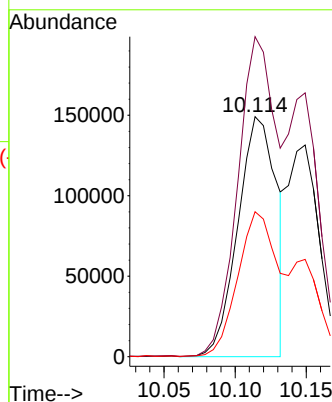
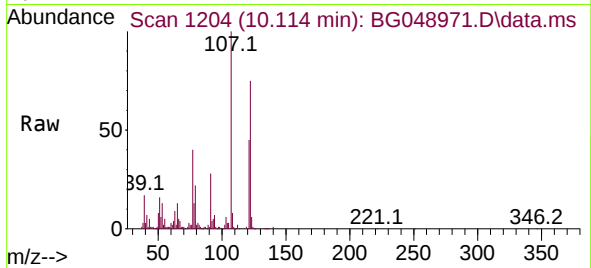




#27
2,4-Dimethylphenol
Concen: 103.12 ng
RT: 10.114 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

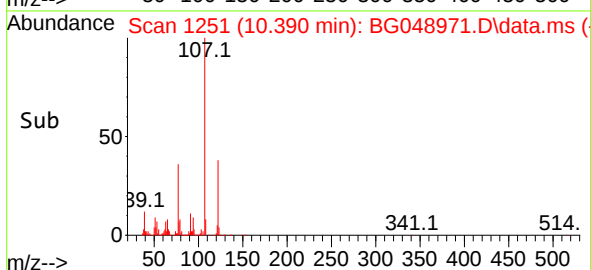
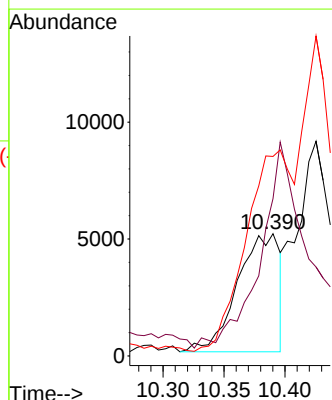
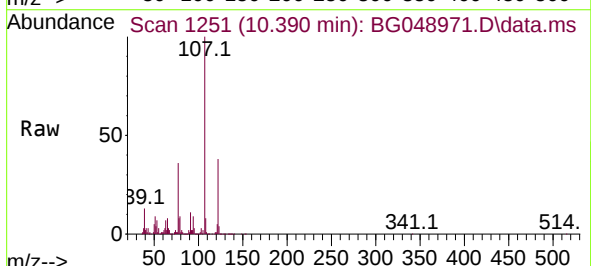
Instrument :
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ClientSampleId :
TMR-DS-03-060921

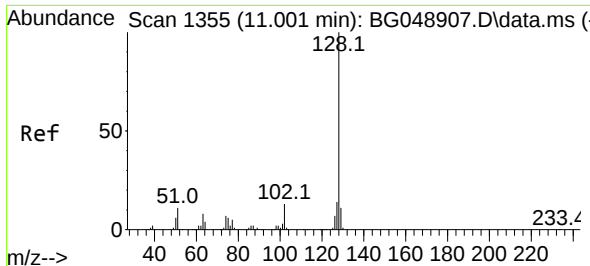
Tgt Ion:122 Resp: 282645
Ion Ratio Lower Upper
122 100
107 133.3 110.1 165.1
121 60.4 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 3.06 ng
RT: 10.390 min Scan# 1251
Delta R.T. 0.041 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion: 93 Resp: 12197
Ion Ratio Lower Upper
93 100
95 128.7 22.2 33.4#
123 163.3 8.8 13.2#

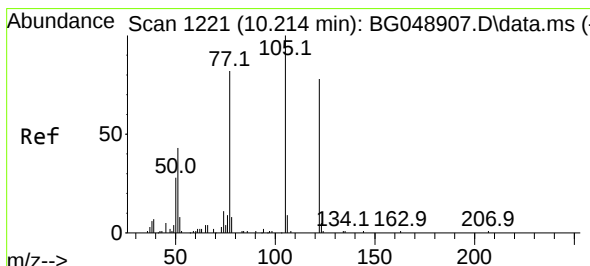
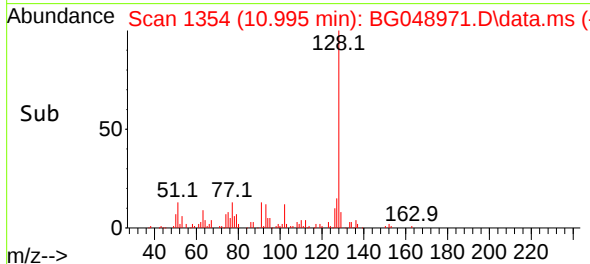
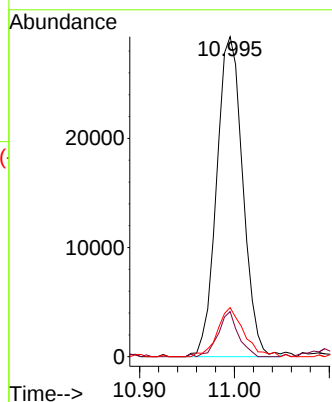
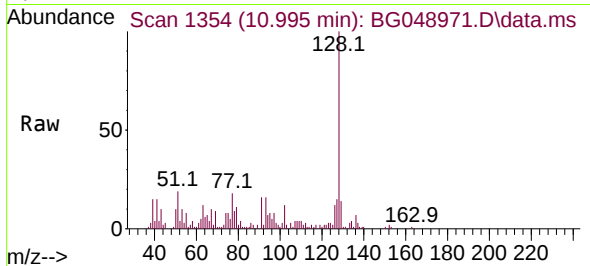




#31
Naphthalene
Concen: 5.53 ng
RT: 10.995 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

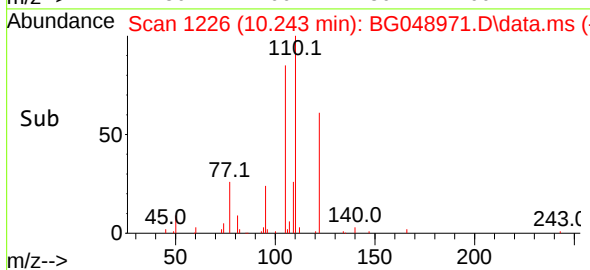
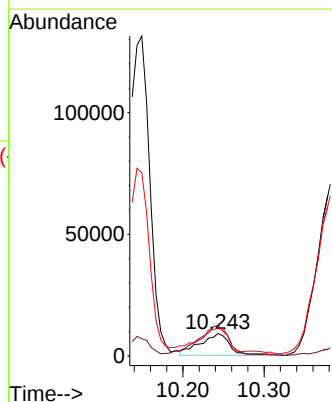
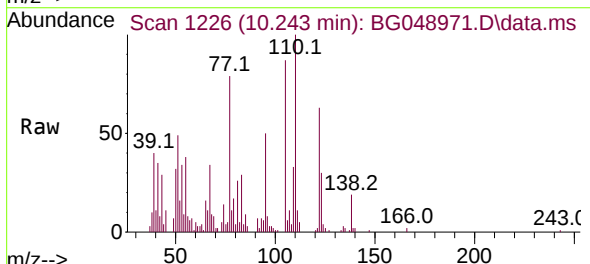
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

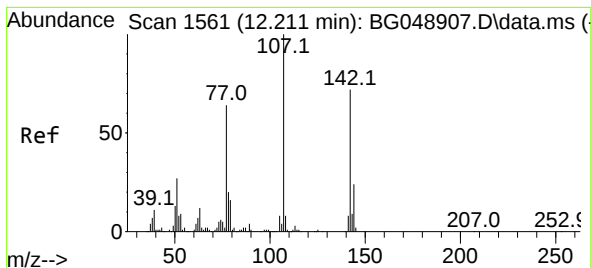
Tgt Ion:128 Resp: 56198
Ion Ratio Lower Upper
128 100
129 14.1 8.5 12.7#
127 15.4 10.2 15.4#



#32
Benzoic acid
Concen: 12.52 ng
RT: 10.243 min Scan# 1226
Delta R.T. 0.030 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:122 Resp: 22416
Ion Ratio Lower Upper
122 100
105 137.3 92.3 132.3#
77 124.4 66.5 106.5#

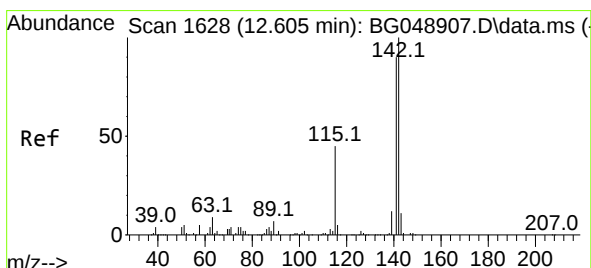
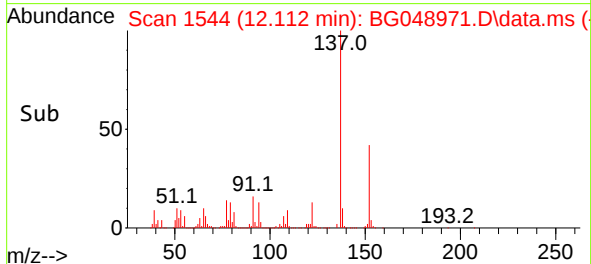
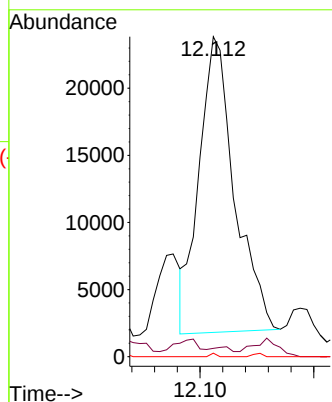
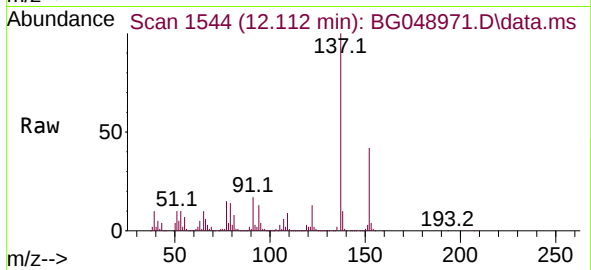




#36
4-Chloro-3-methylphenol
Concen: 12.73 ng
RT: 12.112 min Scan# 1544
Delta R.T. -0.100 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

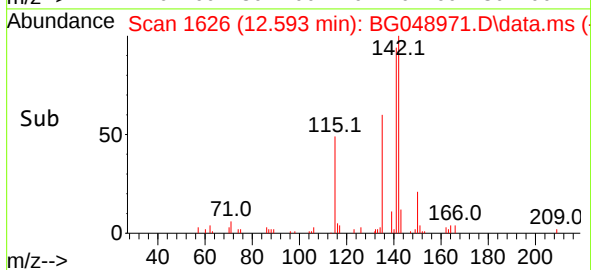
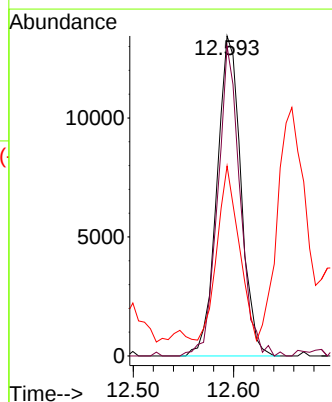
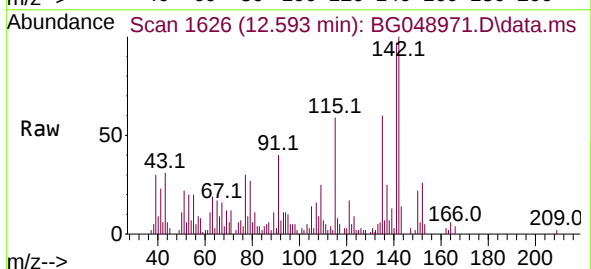
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

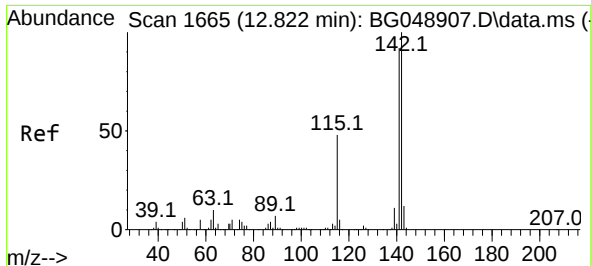
Tgt Ion:107 Resp: 47842
Ion Ratio Lower Upper
107 100
144 2.6 24.8 37.2#
142 1.1 62.2 93.4#



#37
2-Methylnaphthalene
Concen: 2.91 ng
RT: 12.593 min Scan# 1626
Delta R.T. -0.012 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:142 Resp: 22353
Ion Ratio Lower Upper
142 100
141 96.8 68.8 103.2
115 59.4 36.4 54.6#

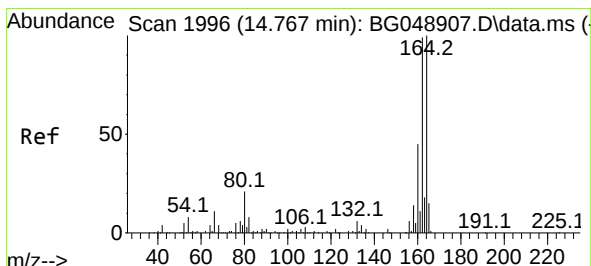
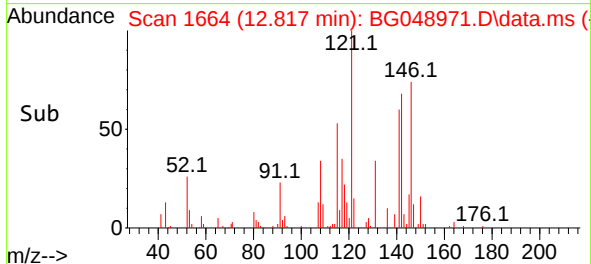
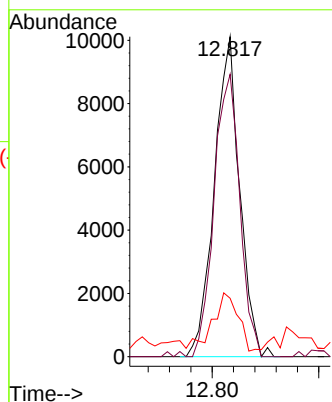
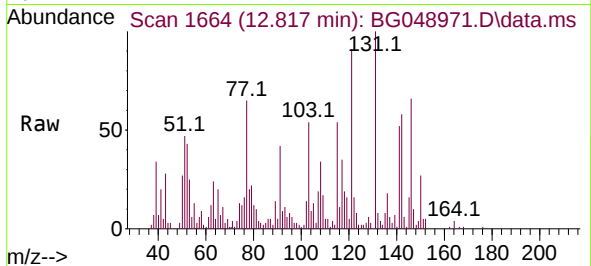




#38
1-Methylnaphthalene
Concen: 2.31 ng
RT: 12.817 min Scan# 1664
Delta R.T. -0.006 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

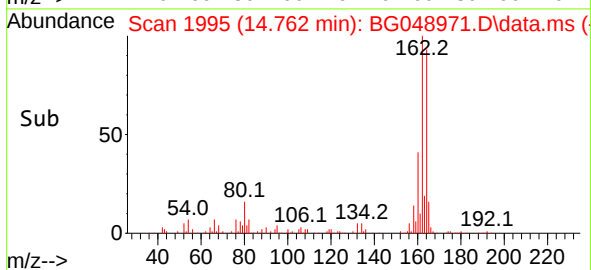
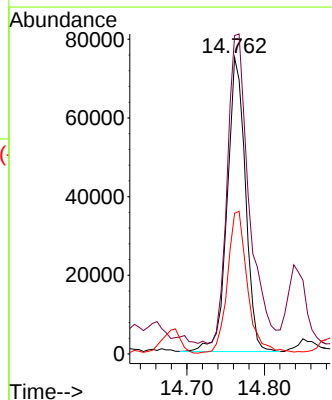
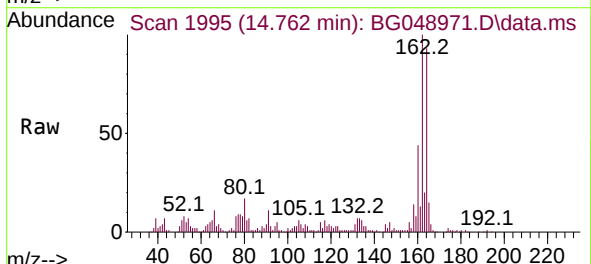
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

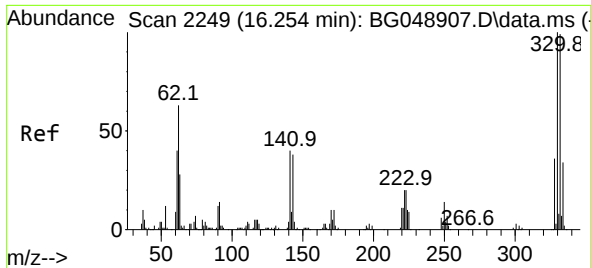
Tgt Ion:142 Resp: 16677
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0
116 18.3 4.0 6.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:164 Resp: 122465
Ion Ratio Lower Upper
164 100
162 107.4 81.4 122.0
160 47.4 34.9 52.3

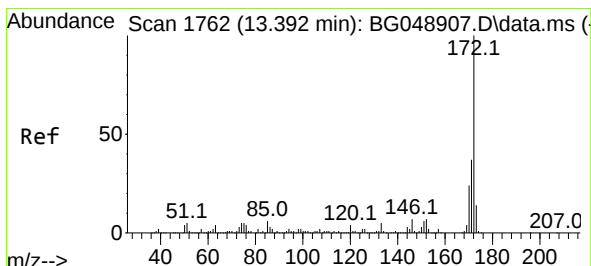
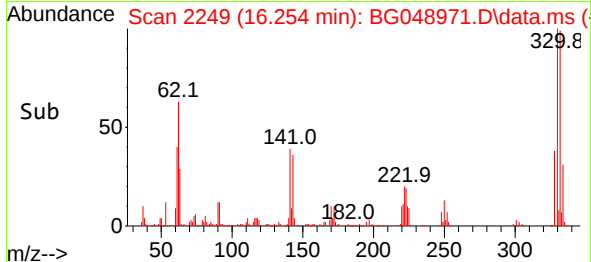
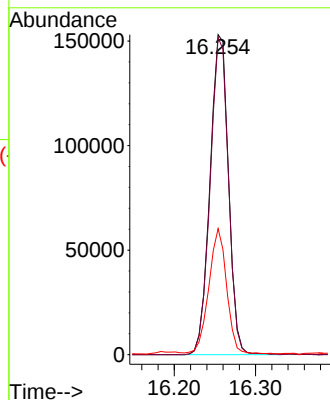
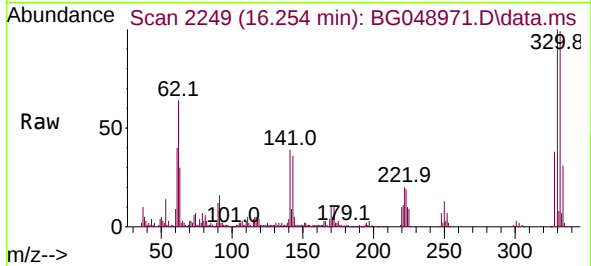




#42
2,4,6-Tribromophenol
Concen: 133.33 ng
RT: 16.254 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

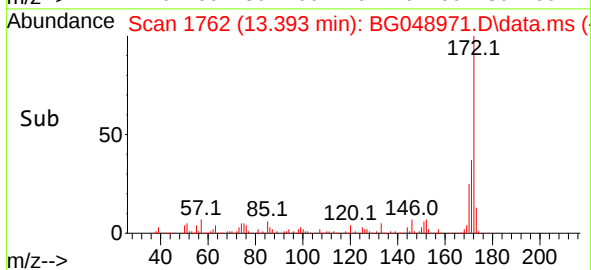
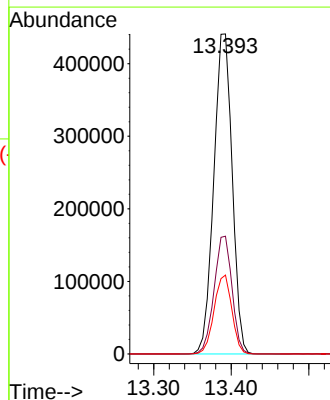
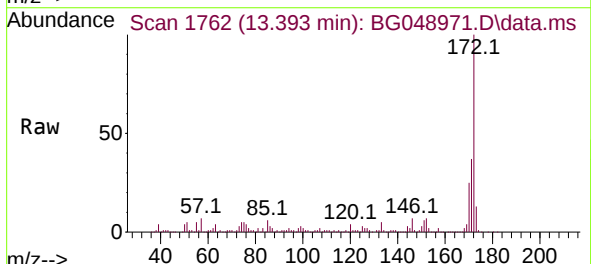
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

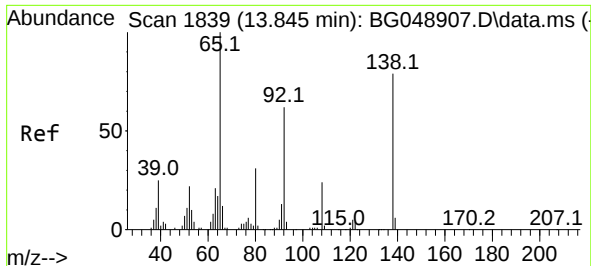
Tgt Ion:330 Resp: 241917
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 37.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 83.90 ng
RT: 13.393 min Scan# 1762
Delta R.T. 0.001 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:172 Resp: 727351
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.7 18.6 27.8

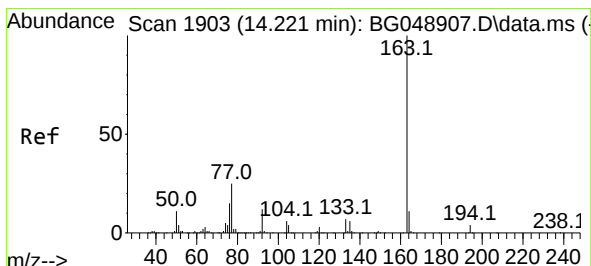
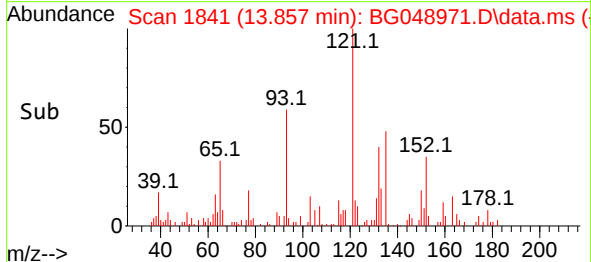
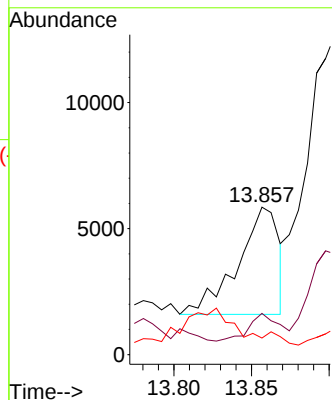
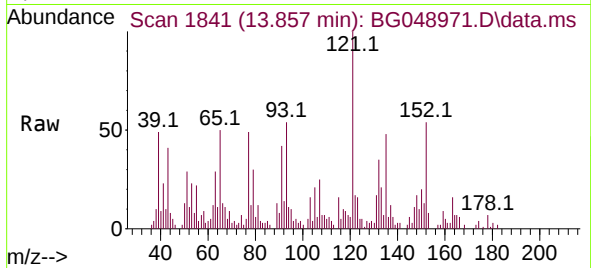




#48
2-Nitroaniline
Concen: 3.94 ng
RT: 13.857 min Scan# 1841
Delta R.T. 0.012 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

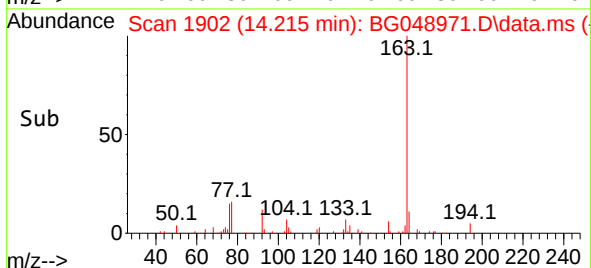
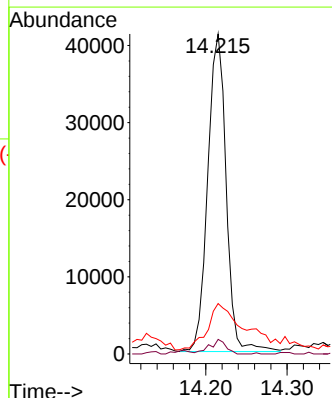
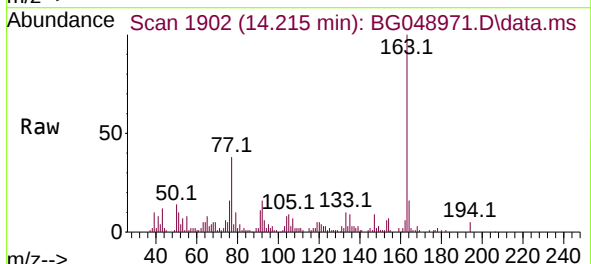
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

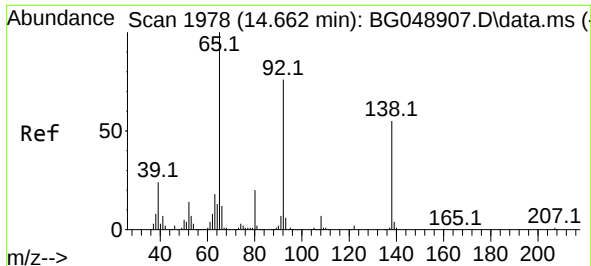
Tgt Ion: 65 Resp: 7829
Ion Ratio Lower Upper
65 100
92 28.0 47.2 70.8#
138 11.3 68.0 102.0#



#50
Dimethylphthalate
Concen: 6.79 ng
RT: 14.215 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:163 Resp: 64740
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 15.7 8.6 12.8#

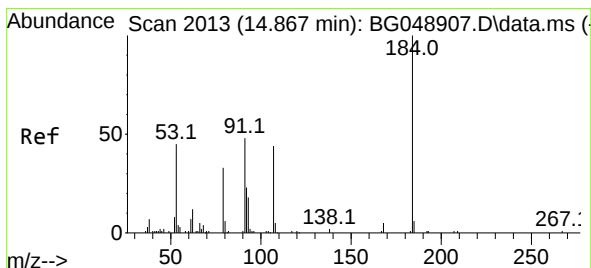
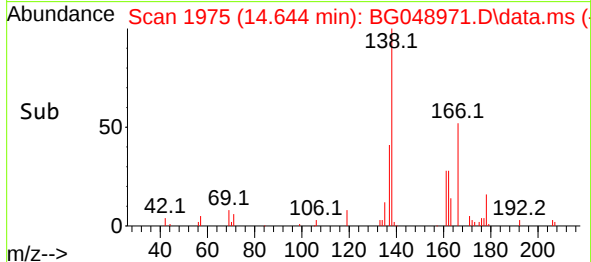
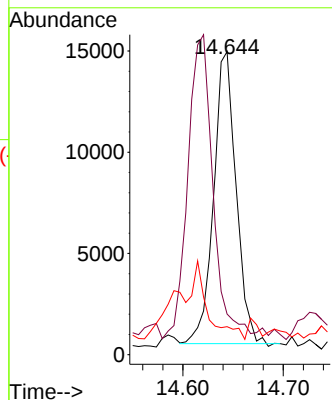
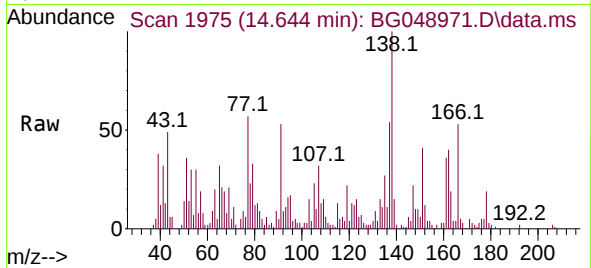




#53
3-Nitroaniline
Concen: 11.34 ng
RT: 14.644 min Scan# 1975
Delta R.T. -0.018 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

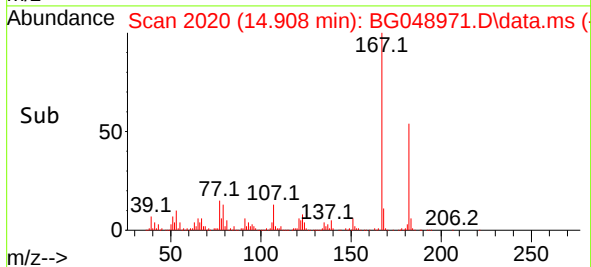
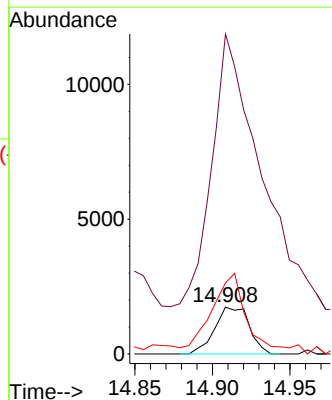
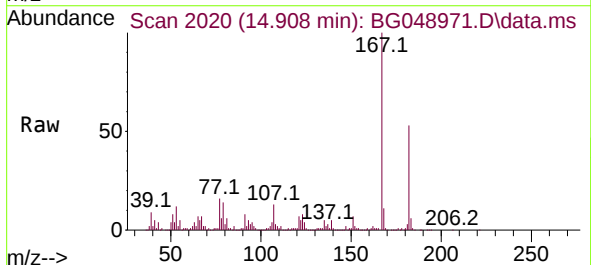
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

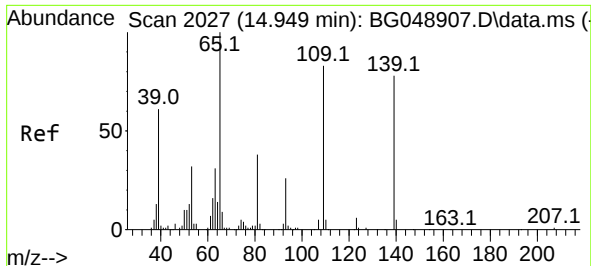
Tgt Ion:138 Resp: 22311
Ion Ratio Lower Upper
138 100
108 13.4 8.3 12.5#
92 9.2 96.4 144.6#



#54
2,4-Dinitrophenol
Concen: 2.99 ng
RT: 14.908 min Scan# 2020
Delta R.T. 0.041 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:184 Resp: 2693
Ion Ratio Lower Upper
184 100
63 681.9 68.3 102.5#
154 151.5 62.6 93.8#

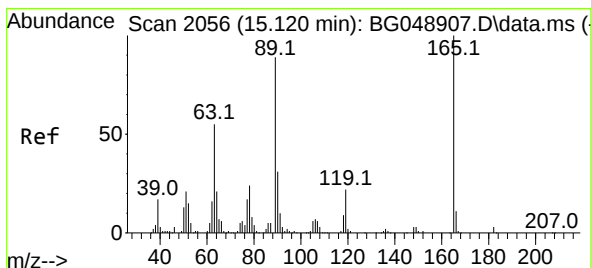
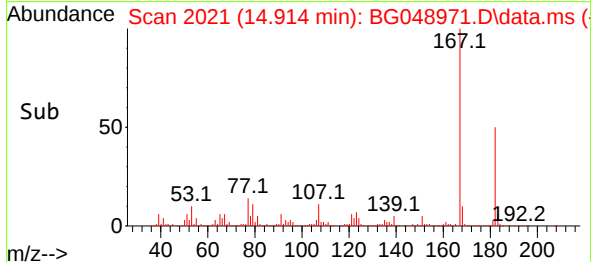
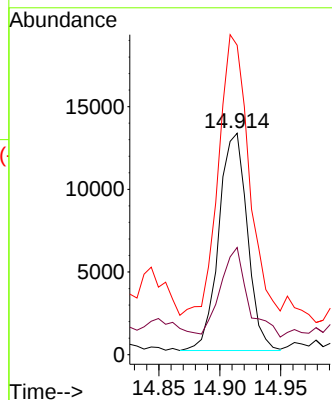
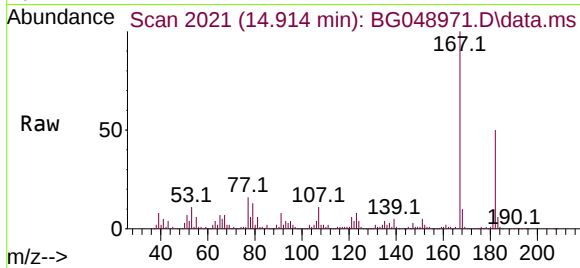




#56
4-Nitrophenol
Concen: 13.37 ng
RT: 14.914 min Scan# 2021
Delta R.T. -0.035 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

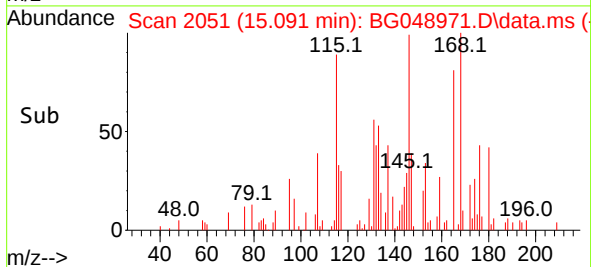
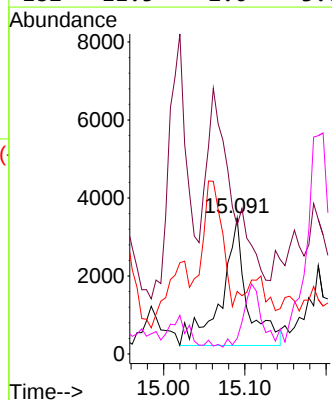
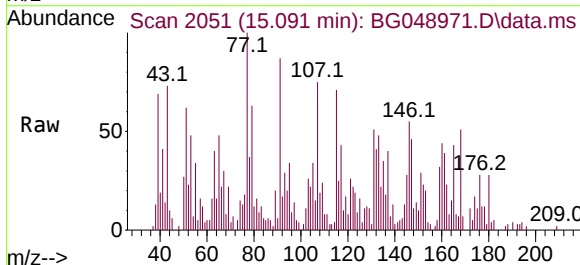
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

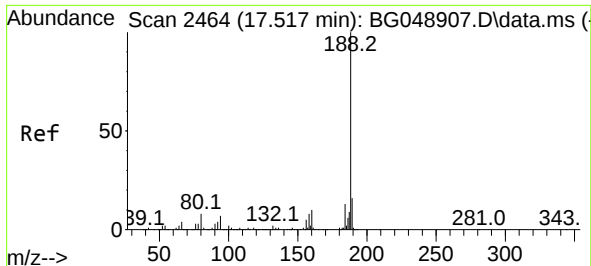
Tgt Ion:139 Resp: 21446
Ion Ratio Lower Upper
139 100
109 48.4 116.3 156.3#
65 139.8 105.0 145.0



#57
2,4-Dinitrotoluene
Concen: 2.99 ng
RT: 15.091 min Scan# 2051
Delta R.T. -0.029 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:165 Resp: 7139
Ion Ratio Lower Upper
165 100
63 94.7 48.0 72.0#
89 46.0 65.4 98.0#
182 11.5 2.0 3.0#

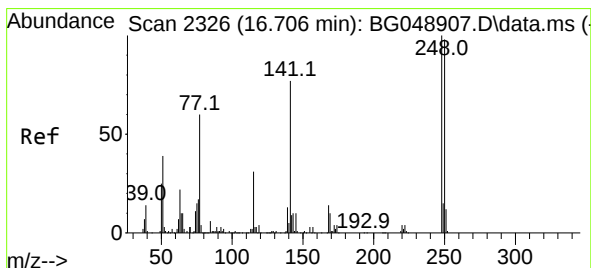
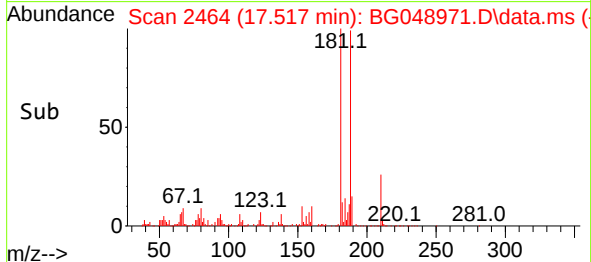
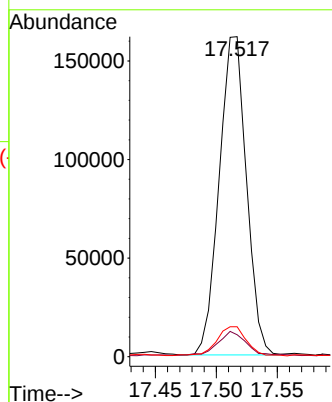
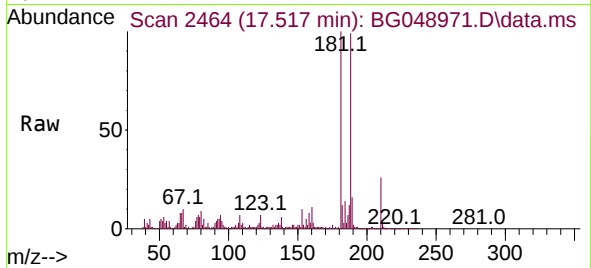




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.517 min Scan# 2464
Delta R.T. 0.000 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

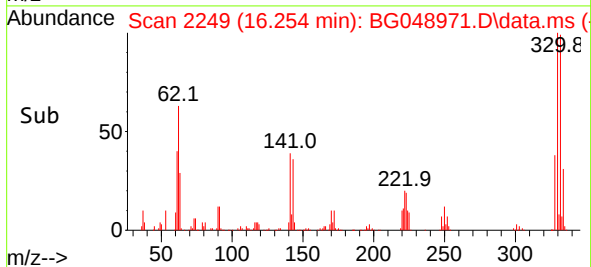
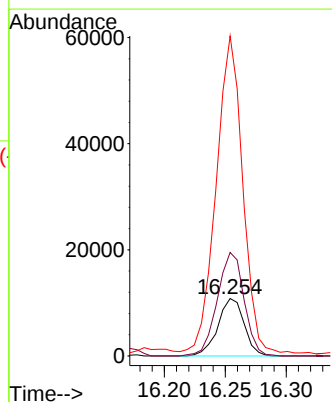
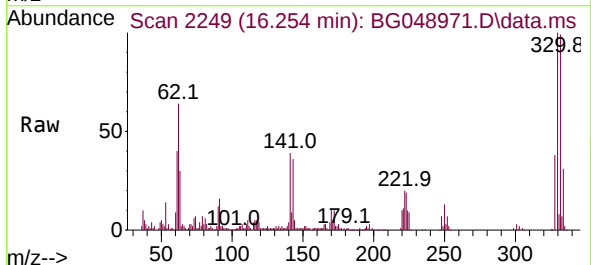
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

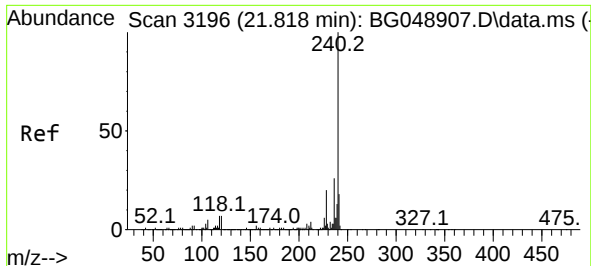
Tgt Ion:188 Resp: 251506
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 9.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.15 ng
RT: 16.254 min Scan# 2249
Delta R.T. -0.452 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:248 Resp: 16175
Ion Ratio Lower Upper
248 100
250 180.3 76.1 114.1#
141 557.3 65.4 98.2#

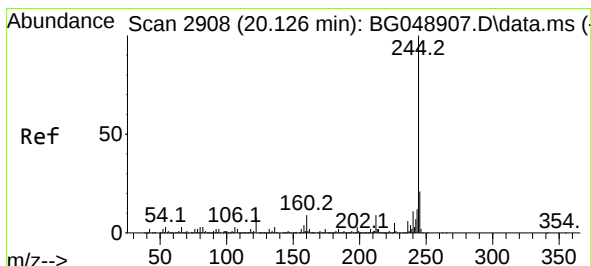
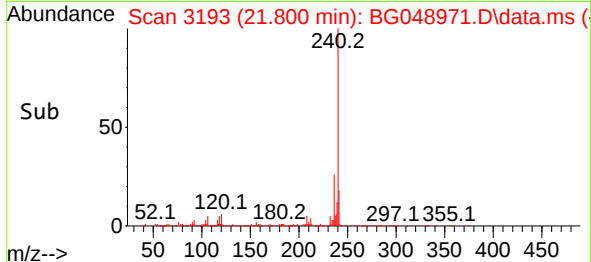
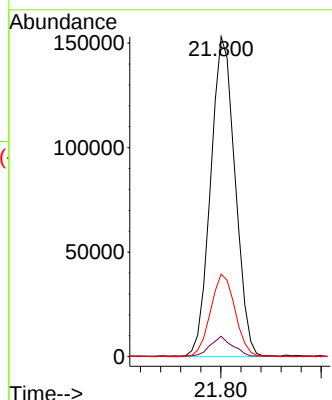
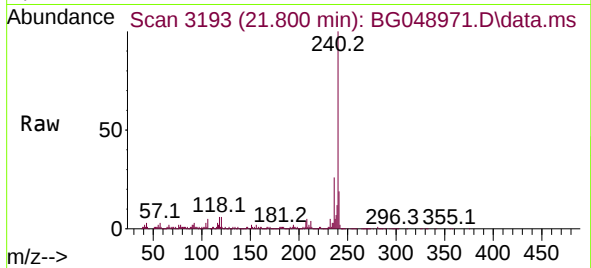




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.800 min Scan# 3193
Delta R.T. -0.017 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

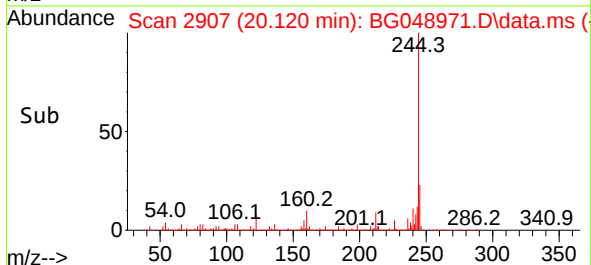
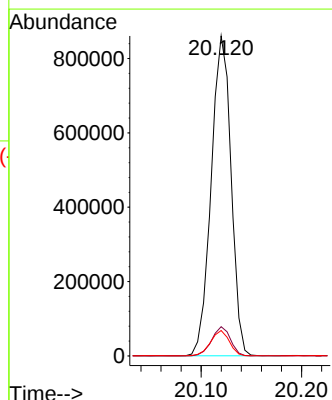
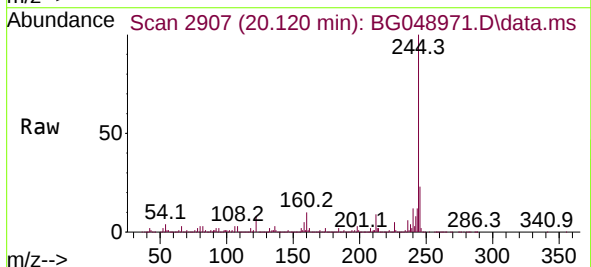
Instrument :
BNA_G
ClientSampleId :
TMR-DS-03-060921

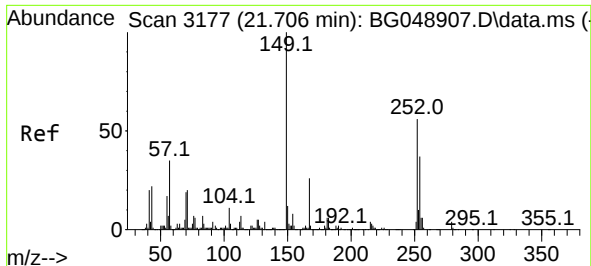
Tgt Ion:240 Resp: 258369
Ion Ratio Lower Upper
240 100
120 6.4 4.2 6.2#
236 25.8 21.8 32.6



#79
Terphenyl-d14
Concen: 84.04 ng
RT: 20.120 min Scan# 2907
Delta R.T. -0.006 min
Lab File: BG048971.D
Acq: 15 Jun 2021 8:32

Tgt Ion:244 Resp: 1185554
Ion Ratio Lower Upper
244 100
212 9.2 6.9 10.3
122 8.0 5.0 7.6#

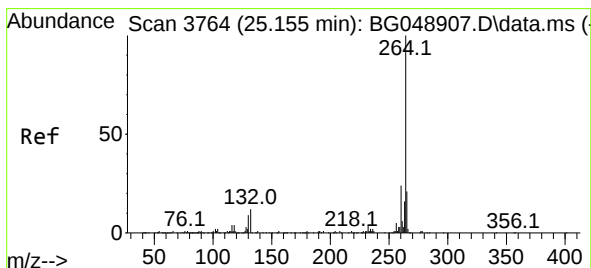
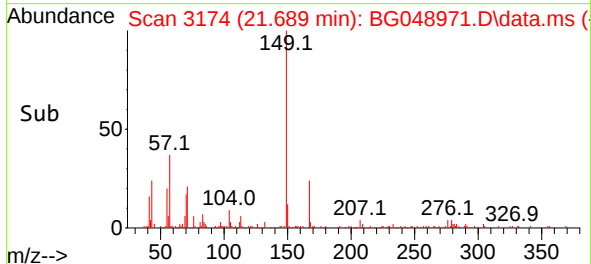
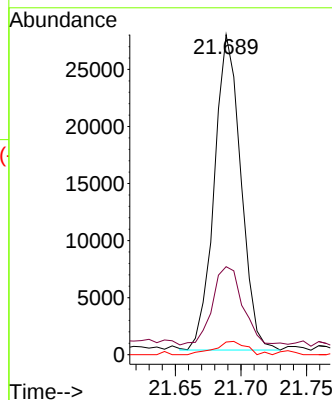
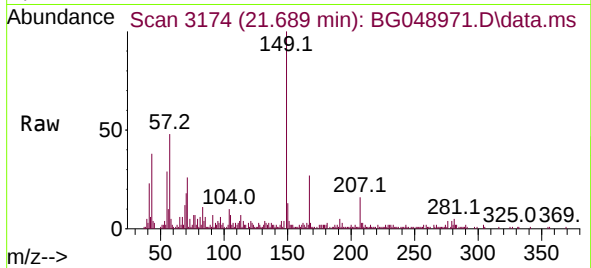




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.87 ng
 RT: 21.689 min Scan# 3174
 Delta R.T. -0.017 min
 Lab File: BG048971.D
 Acq: 15 Jun 2021 8:32

Instrument :
 BNA_G
 ClientSampleId :
 TMR-DS-03-060921

Tgt Ion:	149	Resp:	39019
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.3	33.5
279	4.0	3.8	5.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.138 min Scan# 3761
 Delta R.T. -0.018 min
 Lab File: BG048971.D
 Acq: 15 Jun 2021 8:32

Tgt Ion:	264	Resp:	265415
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.4	29.2
265	23.1	16.9	25.3

