

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048741.D
 Acq On : 17 Apr 2021 2:12
 Operator : CG/JU
 Sample : M2030-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 04-14-21-WATER

Quant Time: Apr 17 04:22:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

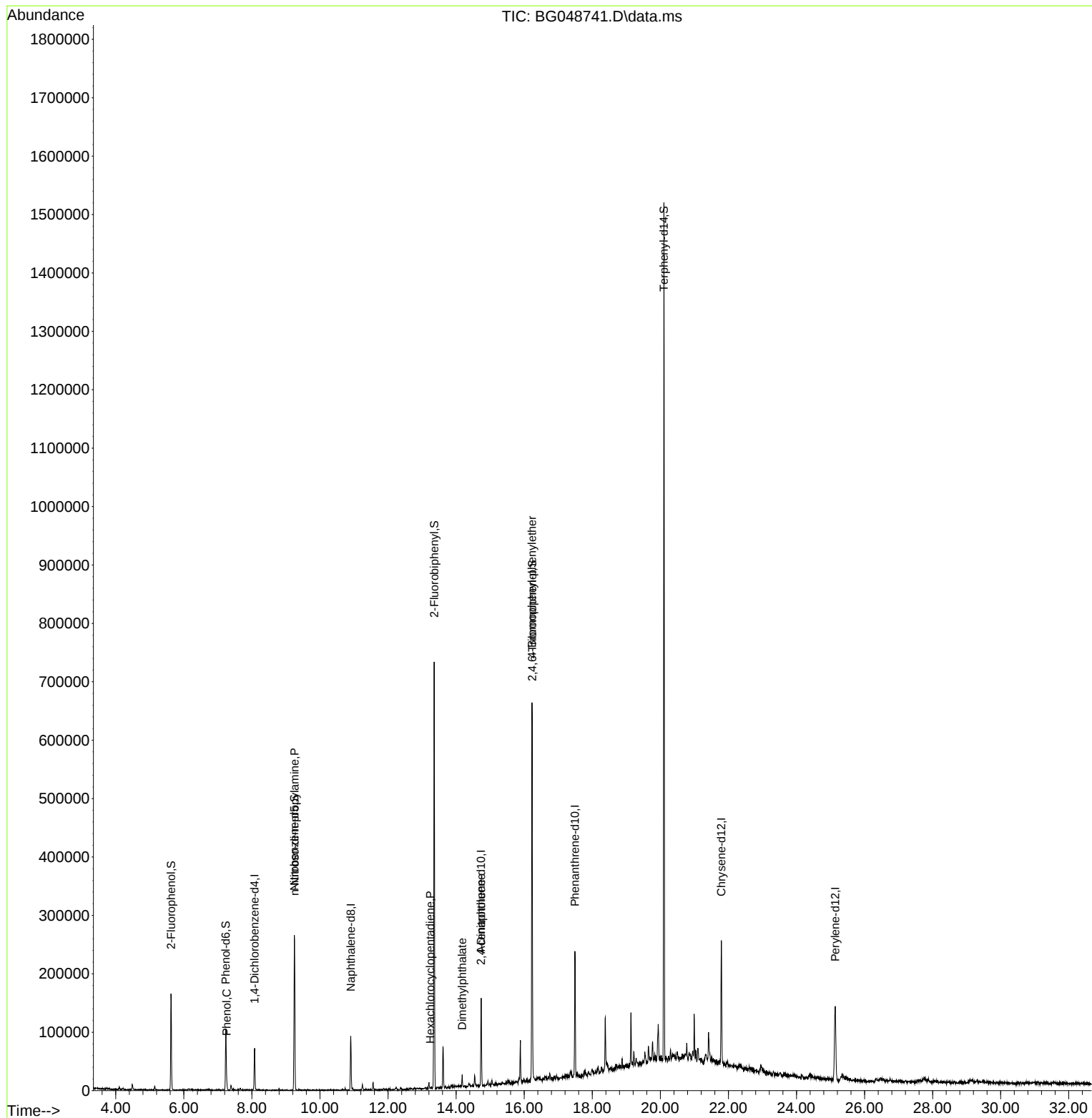
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	17787	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	71828	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	48872	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	130251	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	125273	20.00	ng	0.00
86) Perylene-d12	25.135	264	131238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	63450	59.66	ng	0.00
7) Phenol-d6	7.233	99	49241	32.73	ng	0.00
23) Nitrobenzene-d5	9.248	82	157749	98.32	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	103376	157.76	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	344904	101.92	ng	0.00
79) Terphenyl-d14	20.106	244	654228	89.88	ng	0.00
Target Compounds						
10) Phenol	7.262	94	4056	2.74	ng	Qvalue 88
19) n-Nitroso-di-n-propyla...	9.254	70	25655	25.28	ng	# 71
41) Hexachlorocyclopentadiene	13.243	237	59	5.92	ng	# 31
50) Dimethylphthalate	14.177	163	10318	2.81	ng	# 92
57) 2,4-Dinitrotoluene	14.730	165	6847	5.57	ng	# 18
67) 4-Bromophenyl-phenylether	16.228	248	7580	5.06	ng	# 1

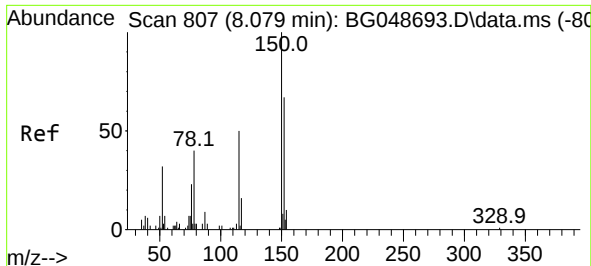
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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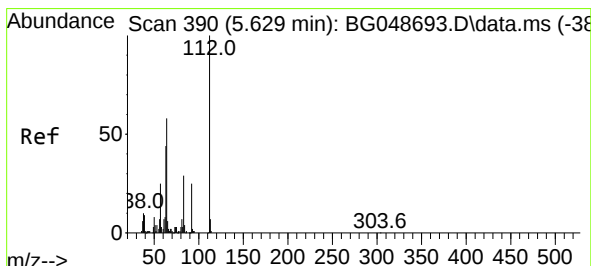
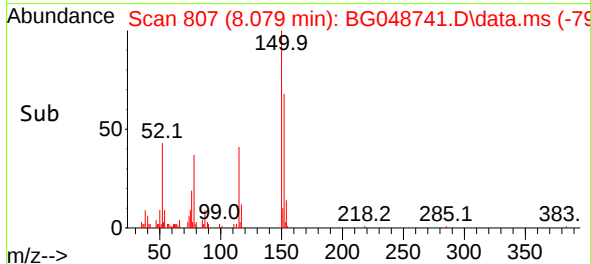
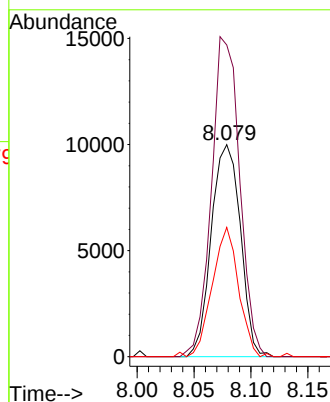
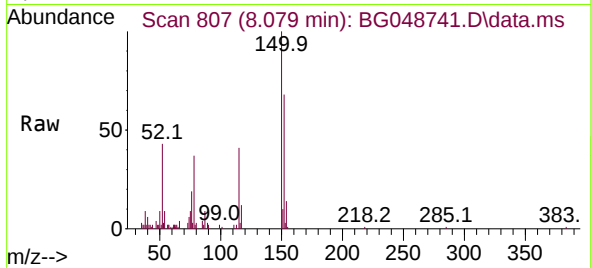




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

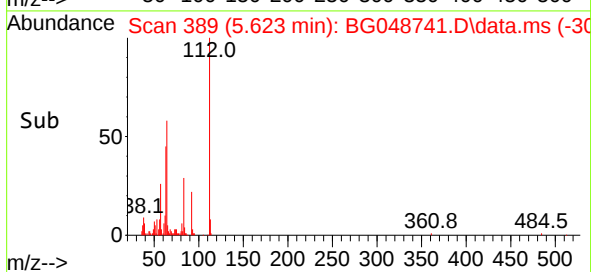
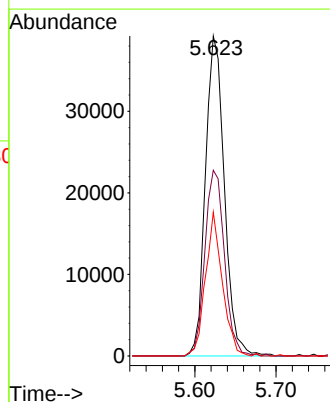
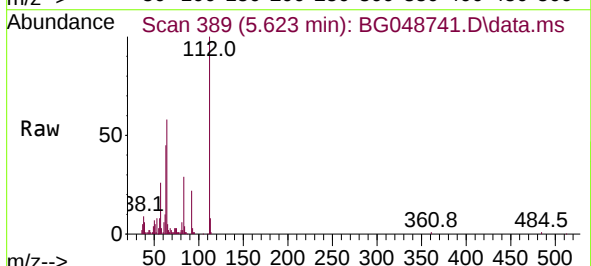
Instrument :
BNA_G
ClientSampleId :
04-14-21-WATER

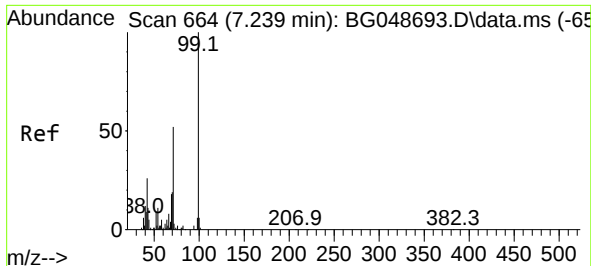
Tgt Ion:152 Resp: 17787
Ion Ratio Lower Upper
152 100
150 147.0 119.4 179.0
115 61.0 60.2 90.4



#5
2-Fluorophenol
Concen: 59.66 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.007 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

Tgt Ion:112 Resp: 63450
Ion Ratio Lower Upper
112 100
64 58.1 46.7 70.1
63 44.9 35.3 52.9

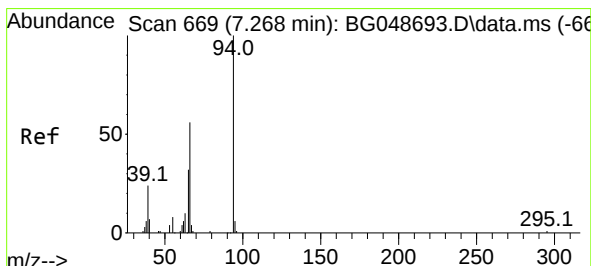
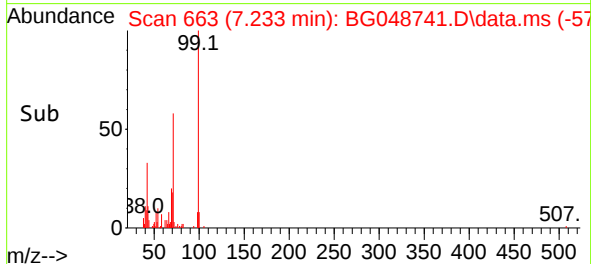
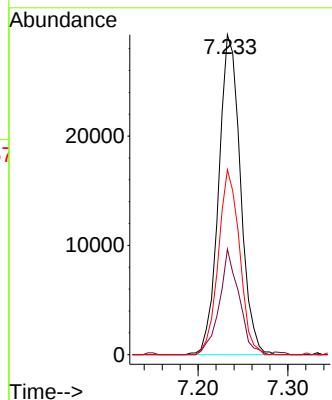
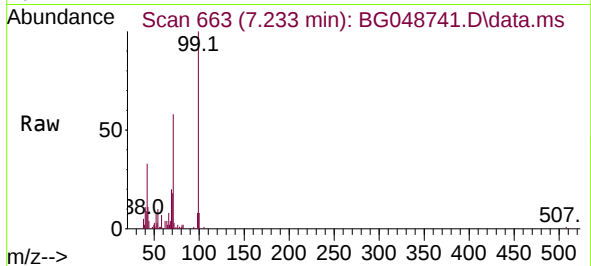




#7
Phenol-d6
Concen: 32.73 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.007 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

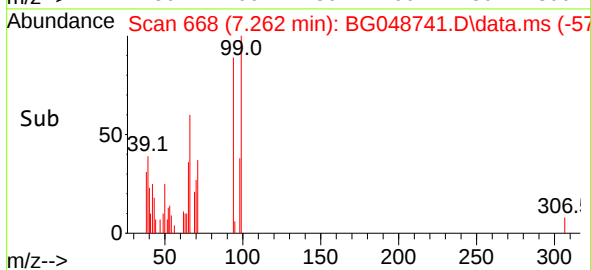
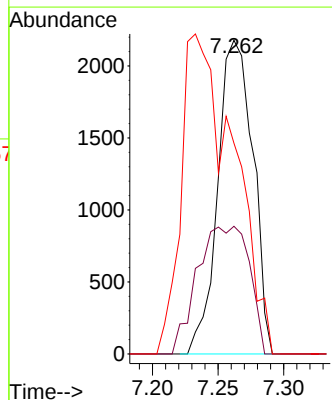
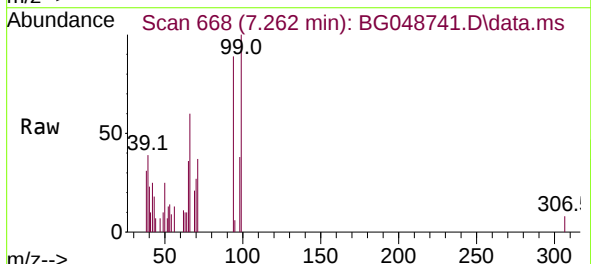
Instrument :
BNA_G
ClientSampleId :
04-14-21-WATER

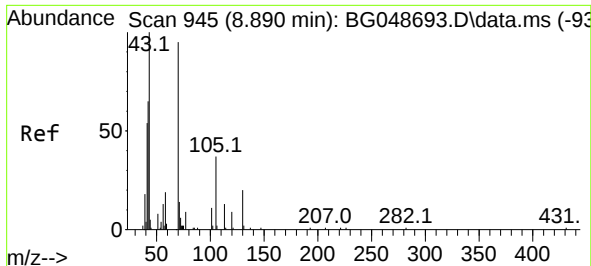
Tgt Ion: 99 Resp: 49241
Ion Ratio Lower Upper
99 100
42 33.0 20.5 30.7#
71 57.8 41.5 62.3



#10
Phenol
Concen: 2.74 ng
RT: 7.262 min Scan# 668
Delta R.T. -0.007 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

Tgt Ion: 94 Resp: 4056
Ion Ratio Lower Upper
94 100
65 40.7 12.9 52.9
66 67.2 39.4 79.4

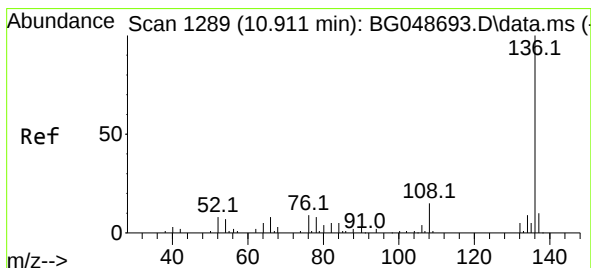
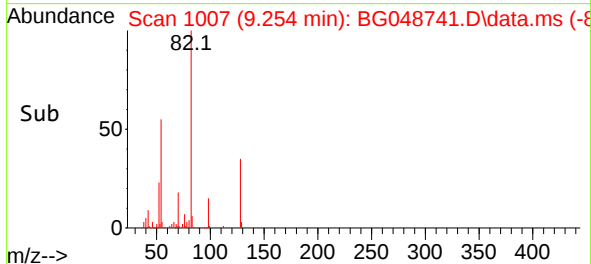
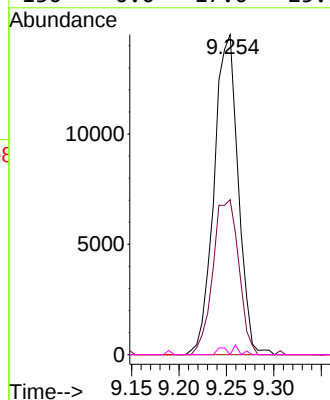
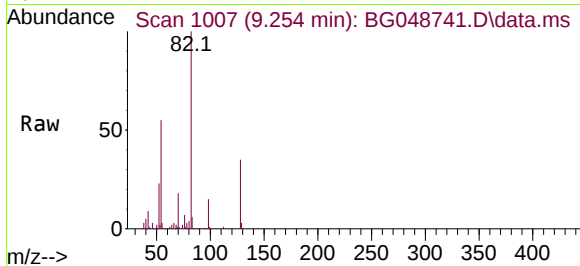




#19
n-Nitroso-di-n-propylamine
Concen: 25.28 ng
RT: 9.254 min Scan# 1007
Delta R.T. 0.363 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

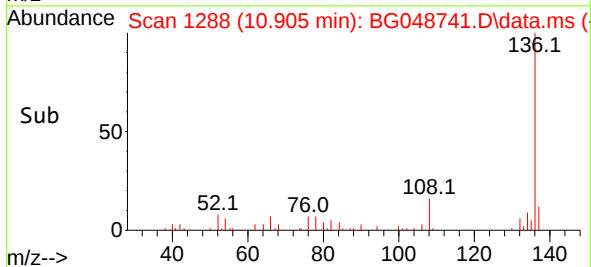
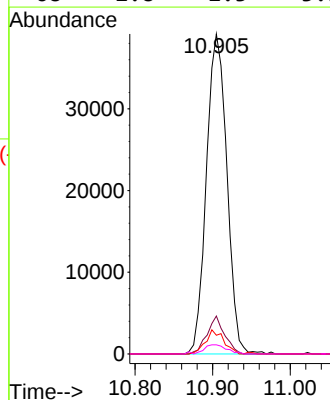
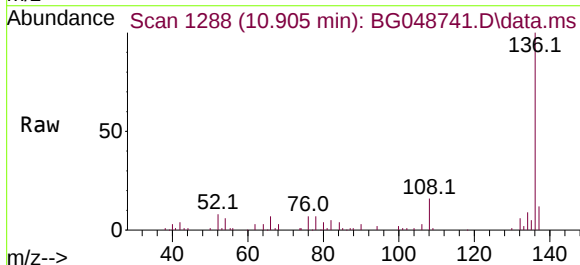
Instrument :
BNA_G
ClientSampleId :
04-14-21-WATER

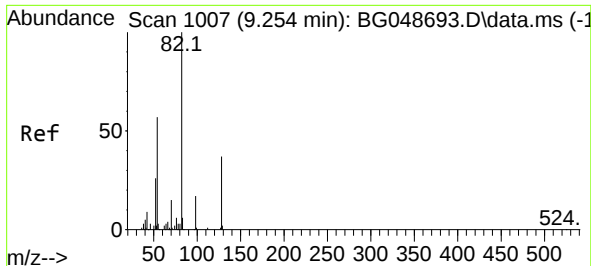
Tgt Ion: 70	Resp: 25655
Ion Ratio	Lower Upper
70 100	
42 48.4	54.5 81.7#
101 0.0	9.0 13.6#
130 0.0	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

Tgt Ion: 136	Resp: 71828
Ion Ratio	Lower Upper
136 100	
137 11.8	8.2 12.2
54 5.8	5.5 8.3
68 2.8	2.3 3.5

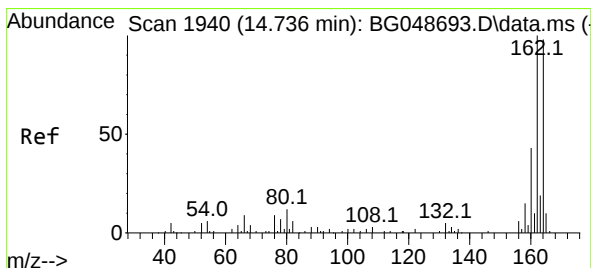
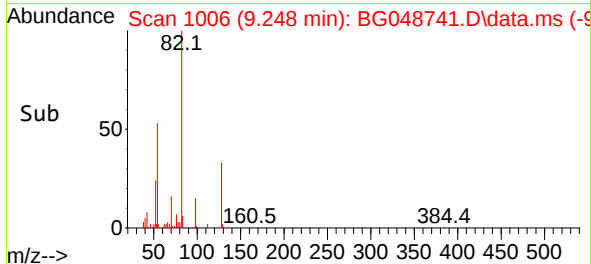
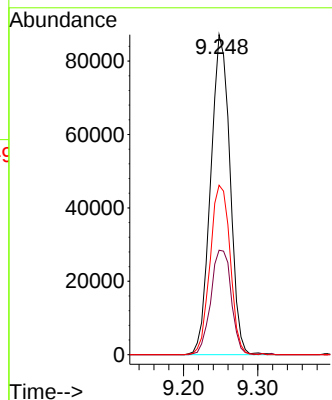
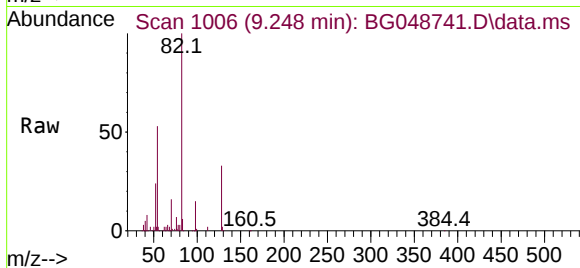




#23
Nitrobenzene-d5
Concen: 98.32 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

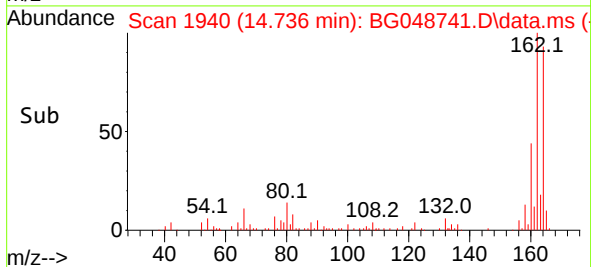
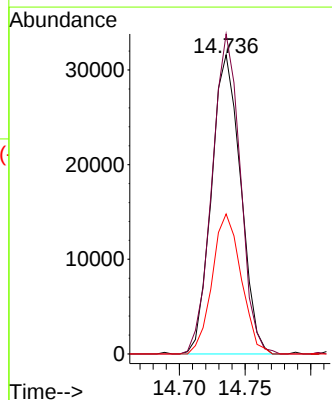
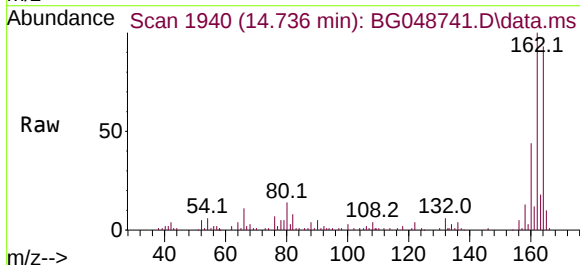
Instrument :
BNA_G
ClientSampleId :
04-14-21-WATER

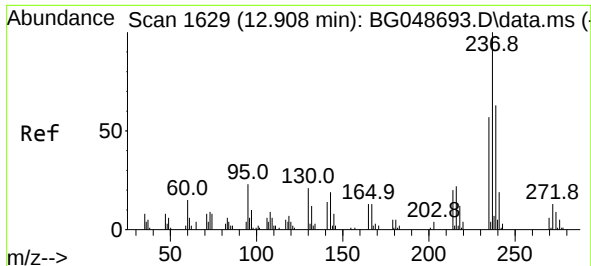
Tgt Ion: 82 Resp: 157749
Ion Ratio Lower Upper
82 100
128 32.7 29.8 44.6
54 53.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

Tgt Ion:164 Resp: 48872
Ion Ratio Lower Upper
164 100
162 107.0 81.4 122.0
160 46.8 34.9 52.3

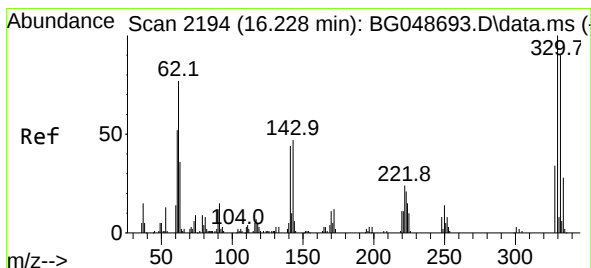
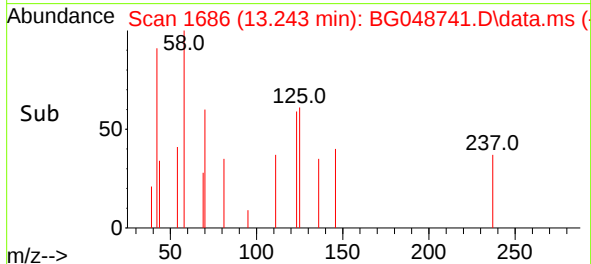
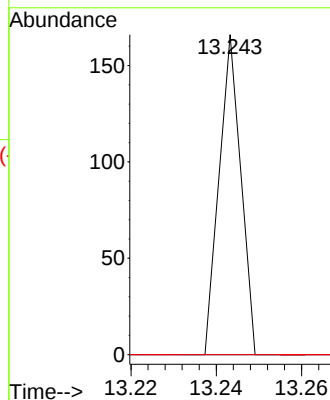
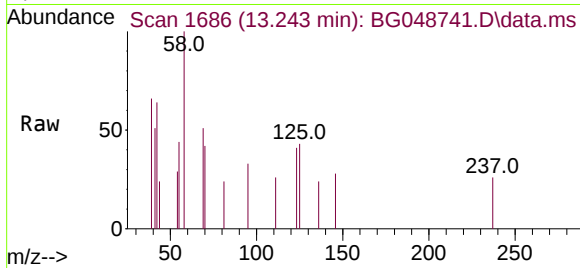




#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 13.243 min Scan# 1686
Delta R.T. 0.334 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

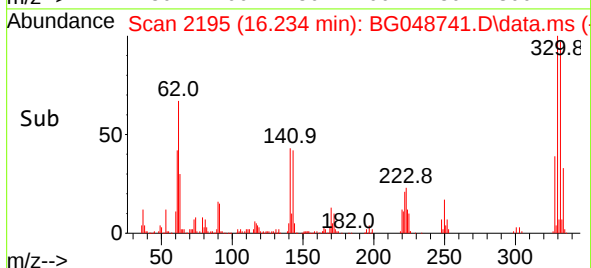
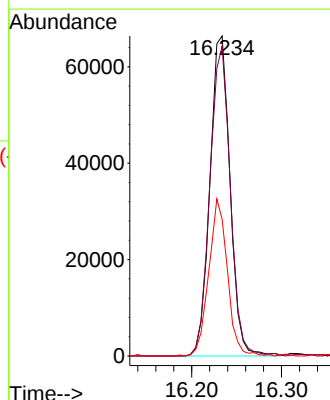
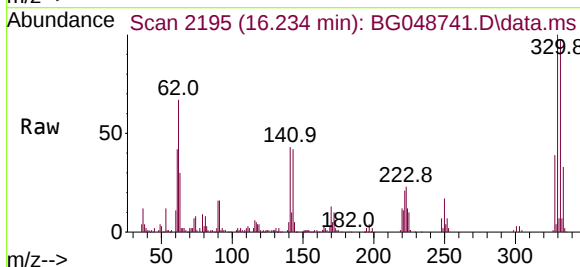
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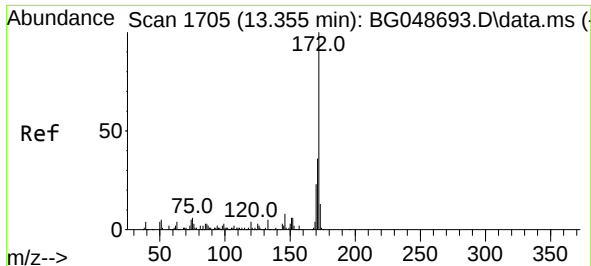
Tgt Ion:237 Resp: 59
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 157.76 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

Tgt Ion:330 Resp: 103376
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 45.5 35.6 53.4

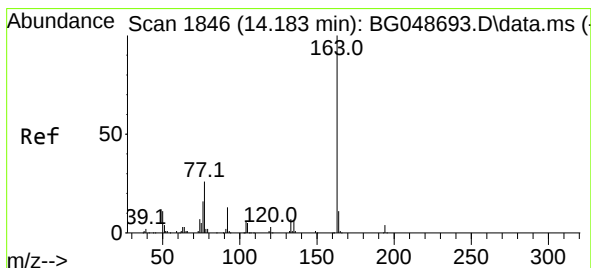
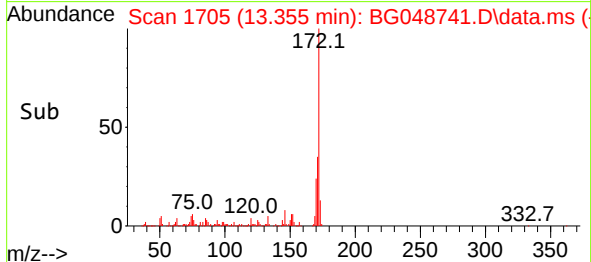
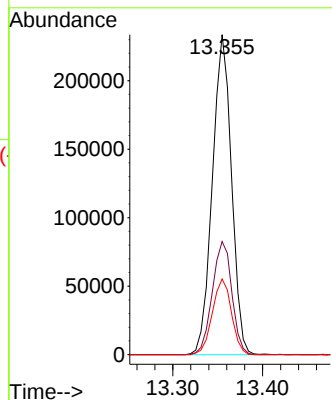
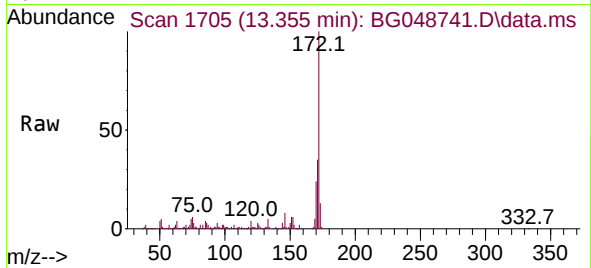




#45
2-Fluorobiphenyl
Concen: 101.92 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

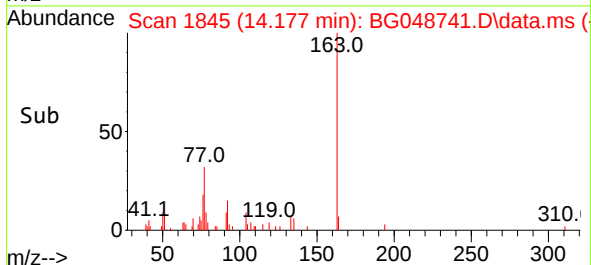
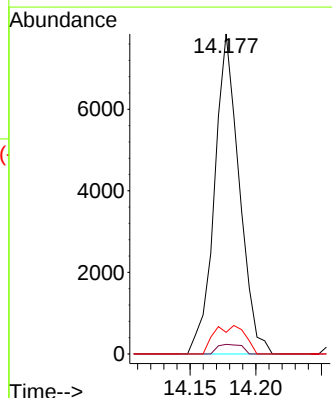
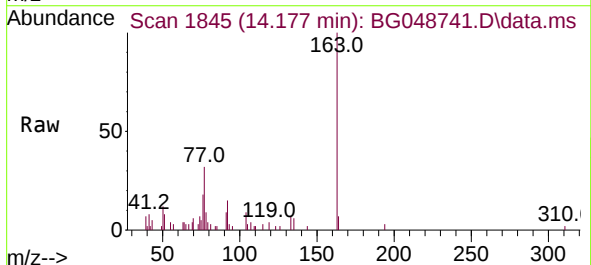
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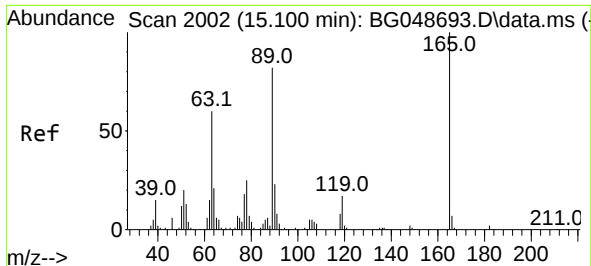
Tgt Ion:	172	Resp:	344904
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.6	43.0
170	23.7	18.6	27.8



#50
Dimethylphthalate
Concen: 2.81 ng
RT: 14.177 min Scan# 1845
Delta R.T. -0.007 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

Tgt Ion:	163	Resp:	10318
Ion Ratio	Lower	Upper	
163	100		
194	3.0	3.0	4.6#
164	6.8	8.6	12.8#

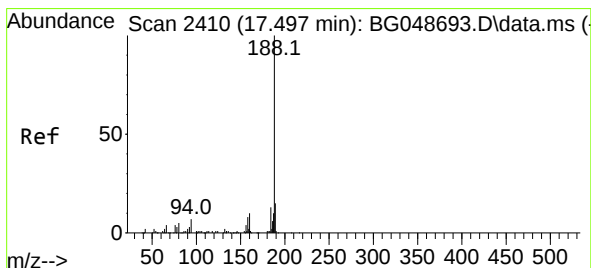
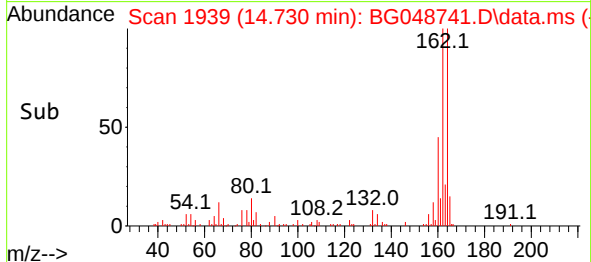
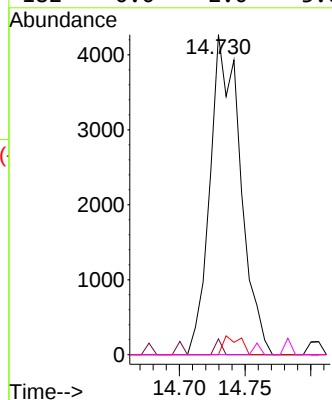
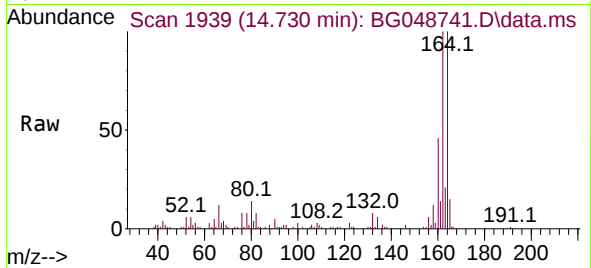




#57
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.371 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

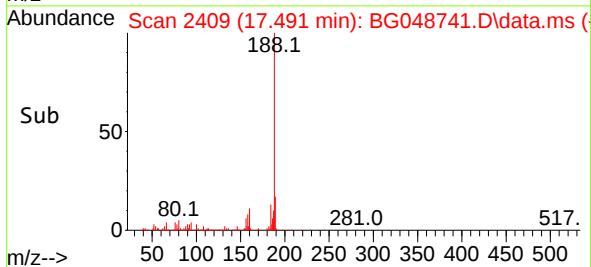
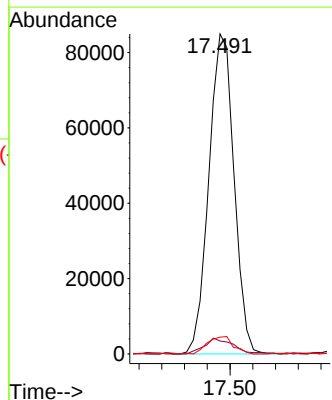
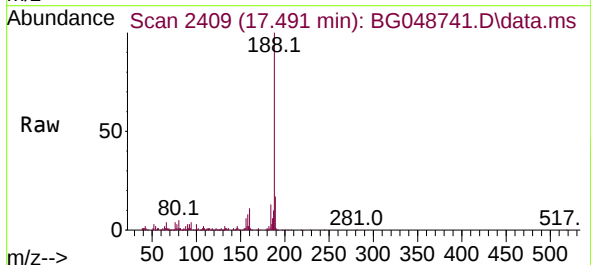
Instrument :
BNA_G
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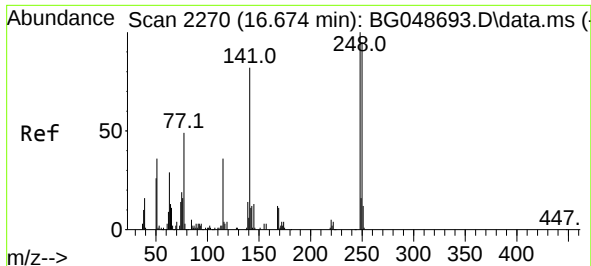
Tgt Ion:165 Resp: 6847
Ion Ratio Lower Upper
165 100
63 4.9 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

Tgt Ion:188 Resp: 130251
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 5.2 3.7 5.5

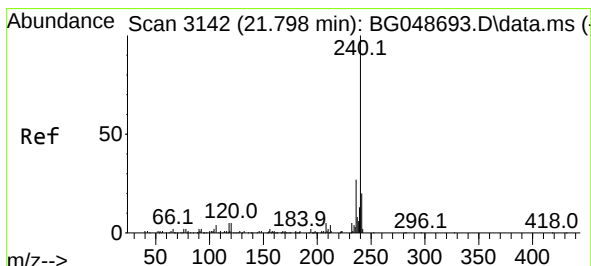
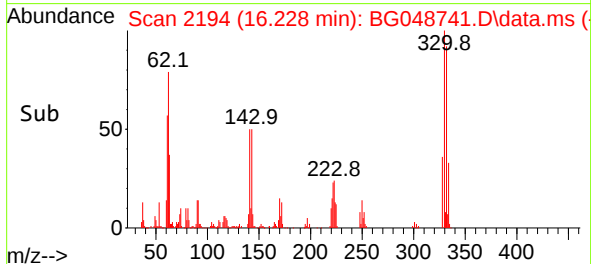
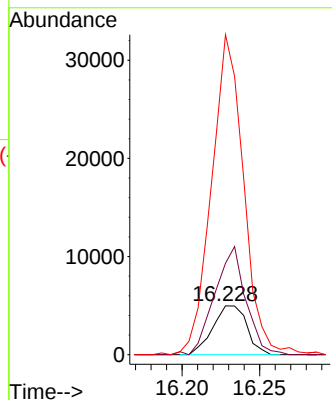
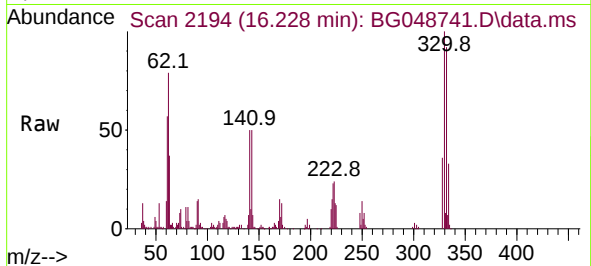




#67
4-Bromophenyl-phenylether
Concen: 5.06 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.448 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

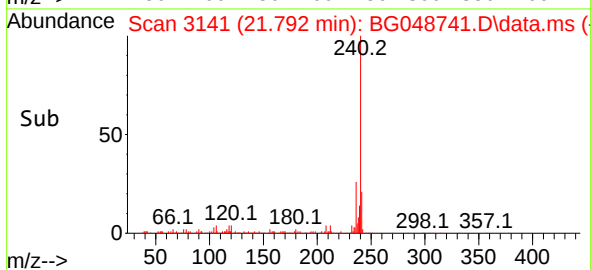
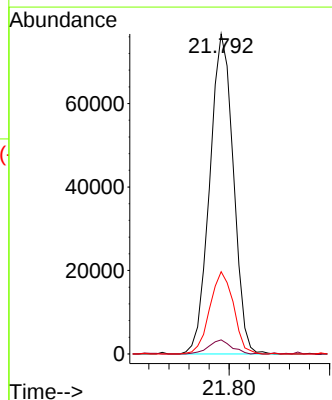
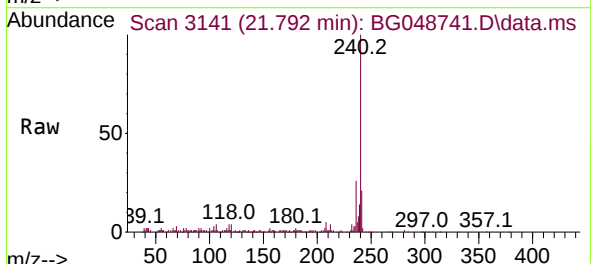
Instrument :
BNA_G
ClientSampleId :
04-14-21-WATER

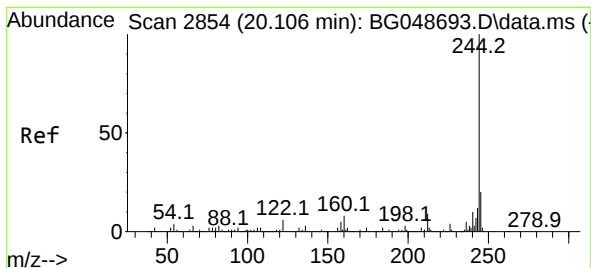
Tgt Ion:248 Resp: 7580
Ion Ratio Lower Upper
248 100
250 187.4 76.1 114.1#
141 656.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048741.D
Acq: 17 Apr 2021 2:12

Tgt Ion:240 Resp: 125273
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 25.7 21.8 32.6





#79

Terphenyl-d14

Concen: 89.88 ng

RT: 20.106 min Scan# 2854

Delta R.T. -0.001 min

Lab File: BG048741.D

Acq: 17 Apr 2021 2:12

Tgt Ion:244 Resp: 654228

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

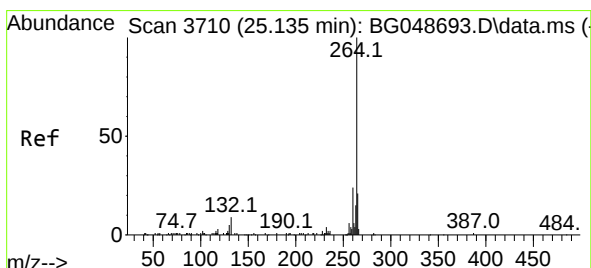
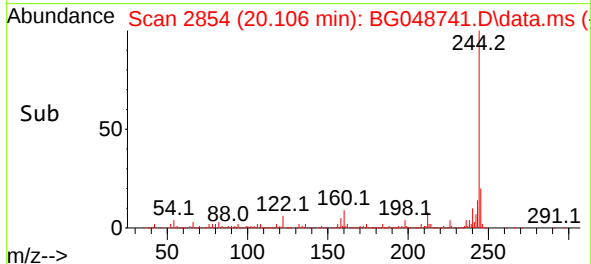
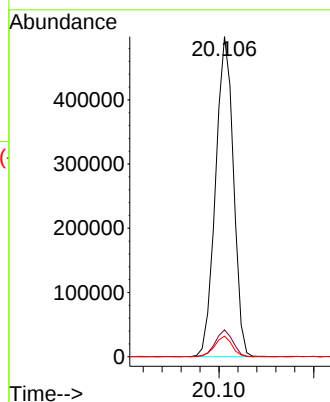
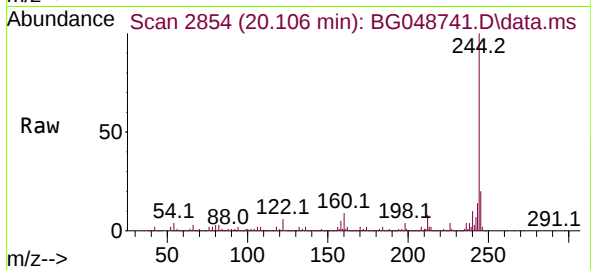
122 6.4 5.0 7.6

Instrument :

BNA_G

ClientSampleId :

04-14-21-WATER



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.135 min Scan# 3710

Delta R.T. -0.007 min

Lab File: BG048741.D

Acq: 17 Apr 2021 2:12

Tgt Ion:264 Resp: 131238

Ion Ratio Lower Upper

264 100

260 21.5 19.4 29.2

265 19.4 16.9 25.3

