

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
 Data File : BG048017.D
 Acq On : 26 Jan 2021 21:55
 Operator : CG/JU
 Sample : M1219-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-BR2-AQ-012121-01

Quant Time: Jan 26 23:34:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

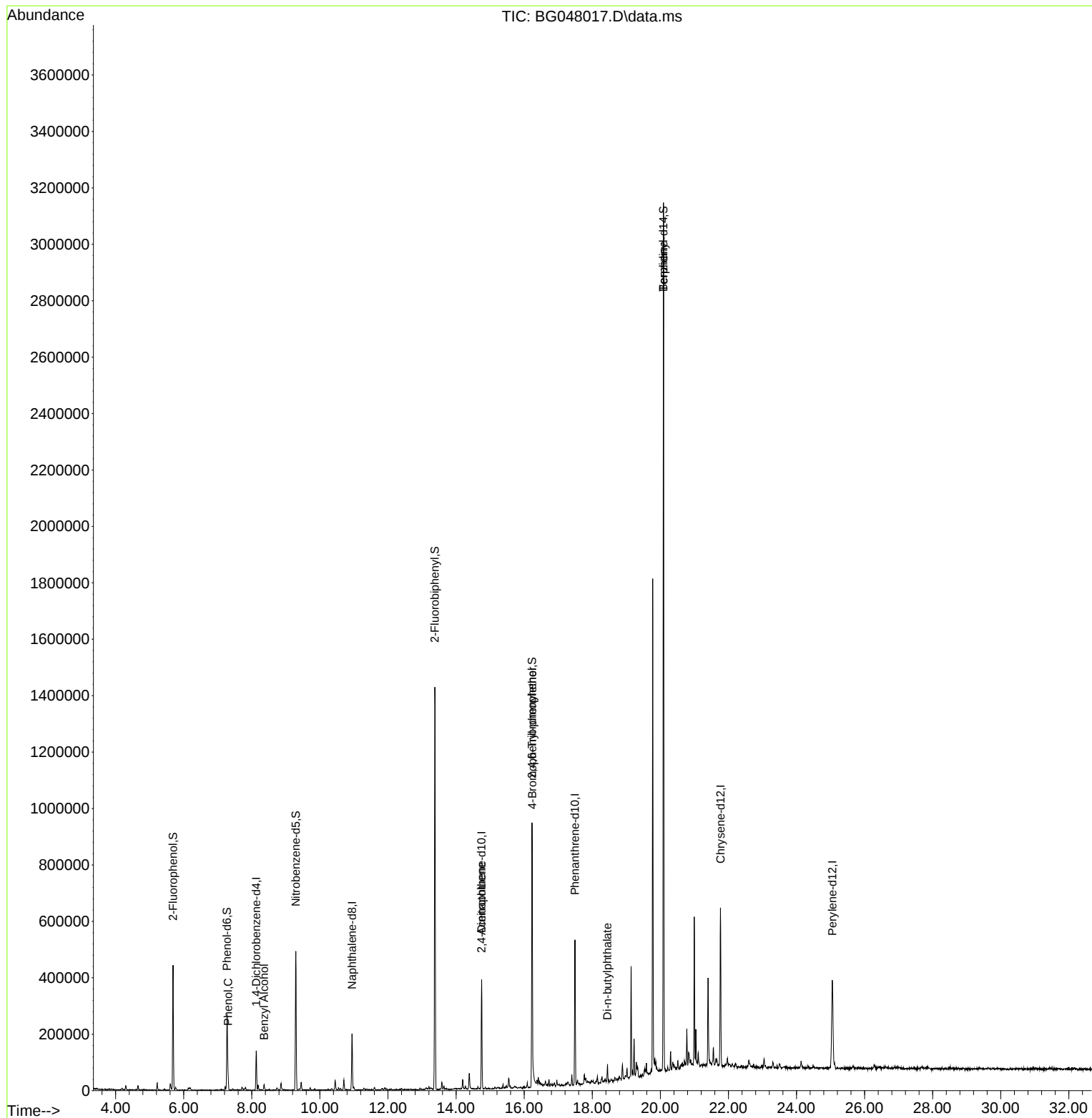
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.130	152	36321	20.00	ng	0.00
21) Naphthalene-d8	10.944	136	152961	20.00	ng	# 0.00
39) Acenaphthene-d10	14.751	164	129752	20.00	ng	0.00
64) Phenanthrene-d10	17.489	188	329606	20.00	ng	0.00
76) Chrysene-d12	21.767	240	344476	20.00	ng	# 0.00
86) Perylene-d12	25.051	264	346822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	175889	74.42	ng	0.00
7) Phenol-d6	7.272	99	143733	40.00	ng	0.00
23) Nitrobenzene-d5	9.293	82	301654	78.03	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	200508	92.78	ng	0.00
45) 2-Fluorobiphenyl	13.376	172	746864	74.42	ng	0.00
79) Terphenyl-d14	20.092	244	1337501	67.32	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.301	94	28967	8.41	ng	84
15) Benzyl Alcohol	8.365	79	8181	2.69	ng	# 81
57) 2,4-Dinitrotoluene	14.745	165	16371	4.64	ng	# 34
67) 4-Bromophenyl-phenylether	16.238	248	13806	3.13	ng	# 1
74) Di-n-butylphthalate	18.447	149	43582	2.04	ng	# 97
77) Benzidine	20.092	184	22439	2.26	ng	# 1

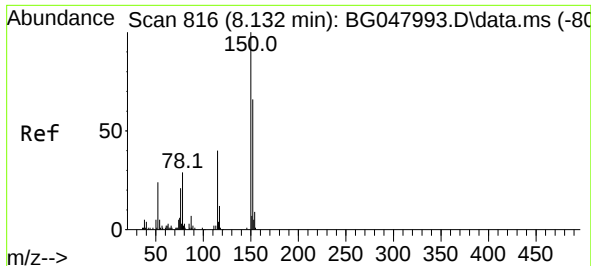
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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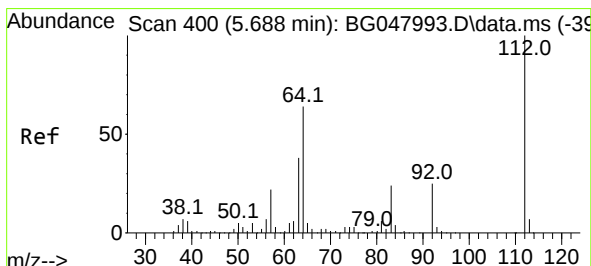
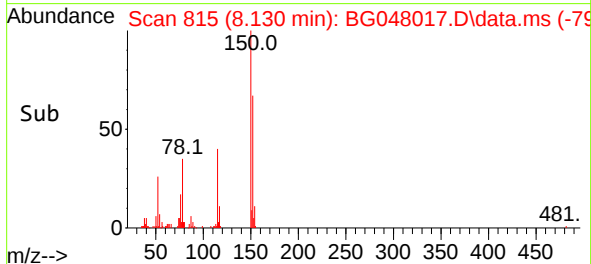
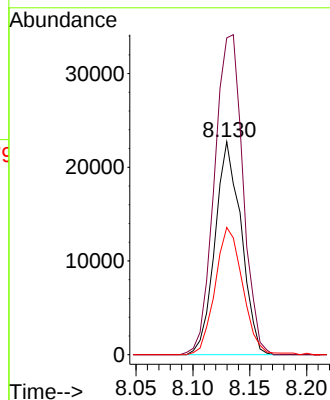
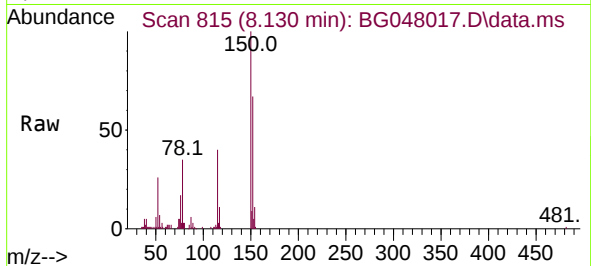




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.130 min Scan# 815
Delta R.T. -0.002 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

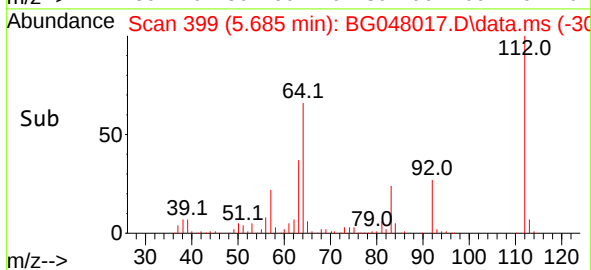
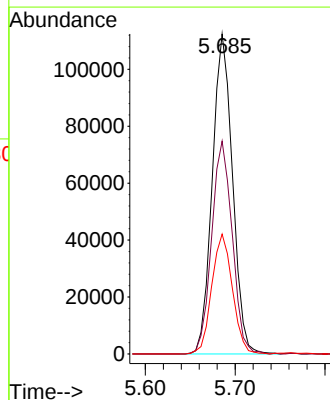
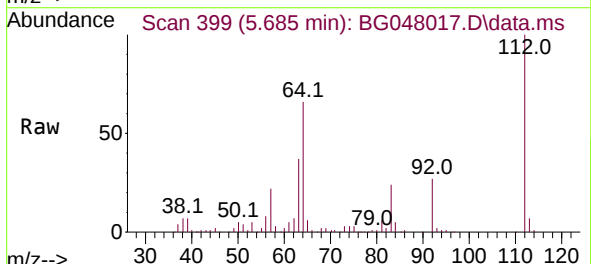
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-01

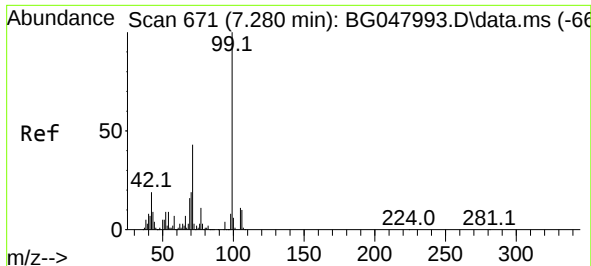
Tgt Ion:152 Resp: 36321
Ion Ratio Lower Upper
152 100
150 148.8 125.0 187.6
115 59.8 41.8 62.6



#5
2-Fluorophenol
Concen: 74.42 ng
RT: 5.685 min Scan# 399
Delta R.T. -0.003 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

Tgt Ion:112 Resp: 175889
Ion Ratio Lower Upper
112 100
64 66.5 46.7 70.1
63 37.4 22.8 34.2#

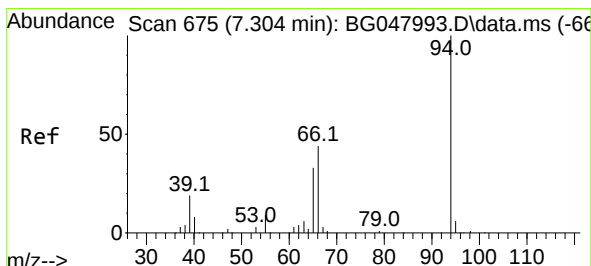
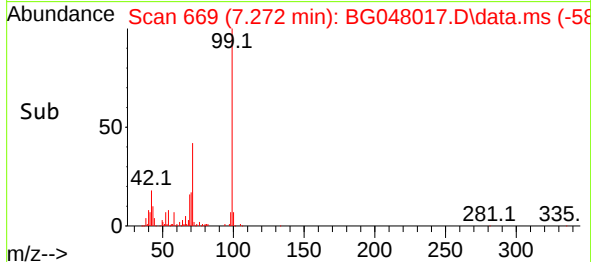
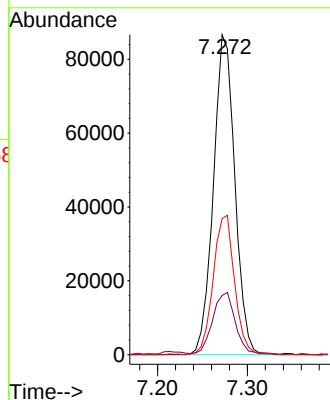
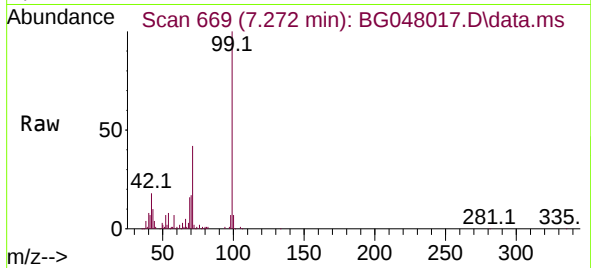




#7
Phenol-d6
Concen: 40.00 ng
RT: 7.272 min Scan# 669
Delta R.T. -0.009 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

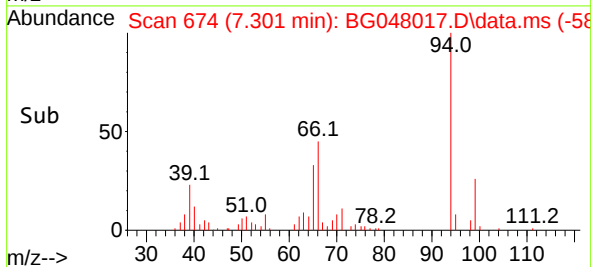
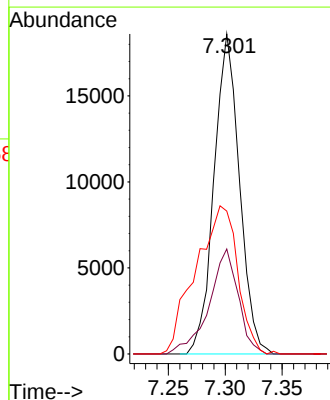
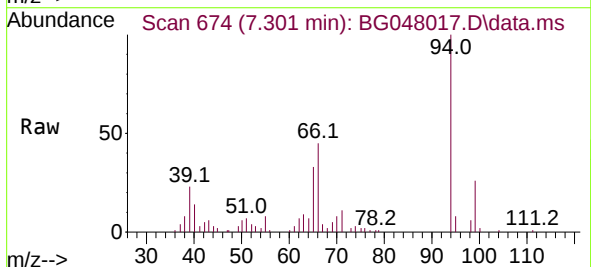
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-01

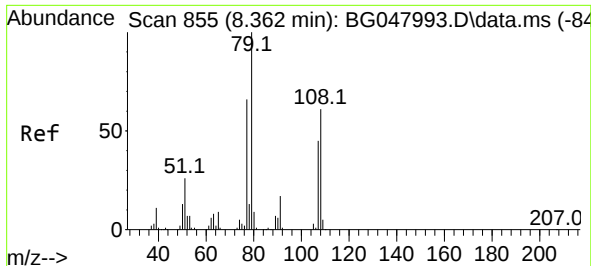
Tgt Ion: 99 Resp: 143733
Ion Ratio Lower Upper
99 100
42 18.5 12.8 19.2
71 42.5 24.6 36.8#



#10
Phenol
Concen: 8.41 ng
RT: 7.301 min Scan# 674
Delta R.T. -0.003 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

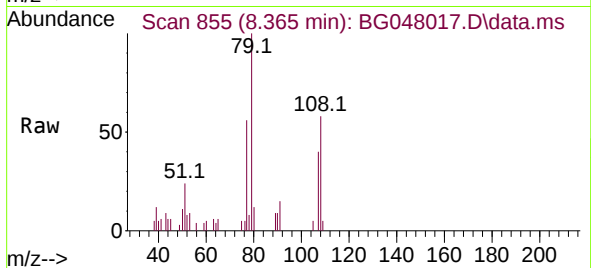
Tgt Ion: 94 Resp: 28967
Ion Ratio Lower Upper
94 100
65 32.8 6.6 46.6
66 44.7 13.9 53.9



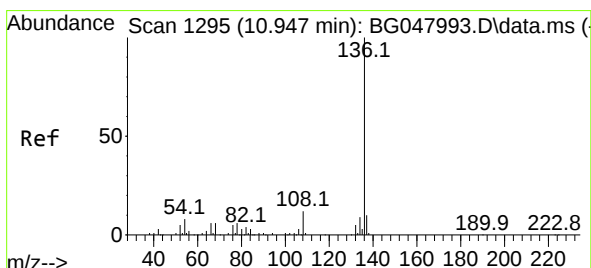
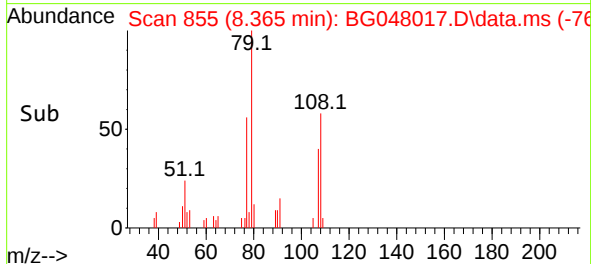
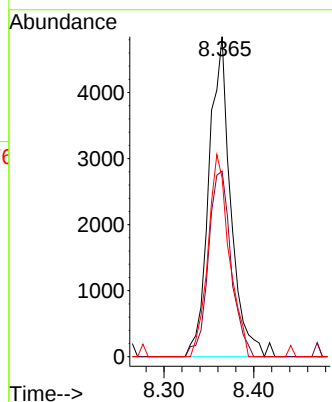


#15
Benzyl Alcohol
Concen: 2.69 ng
RT: 8.365 min Scan# 855
Delta R.T. 0.003 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-01

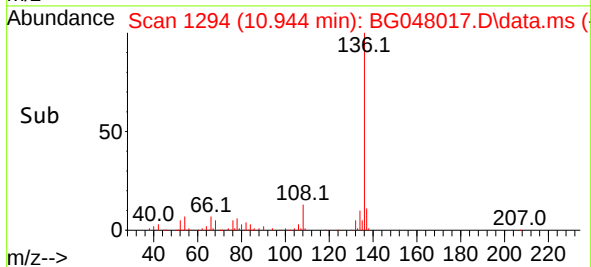
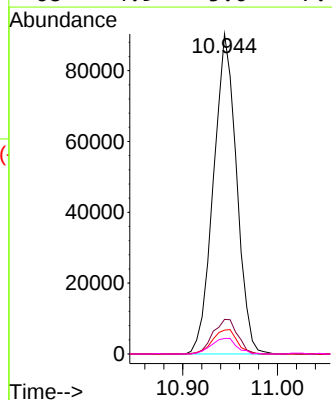
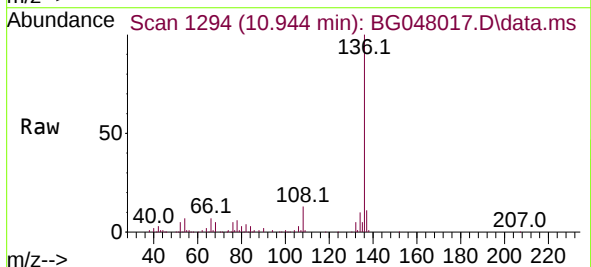


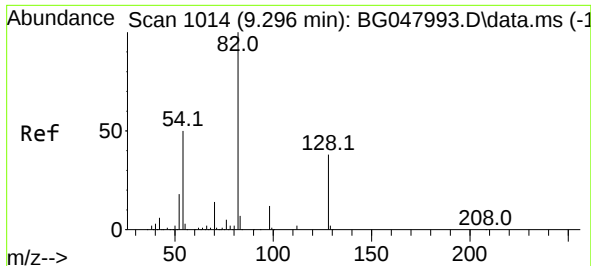
Tgt Ion	Ratio	Lower	Upper
79	100		
108	58.0	65.5	98.3#
77	55.9	50.1	75.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.944 min Scan# 1294
Delta R.T. -0.003 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.5	6.2	9.4
68	4.9	5.0	7.4#

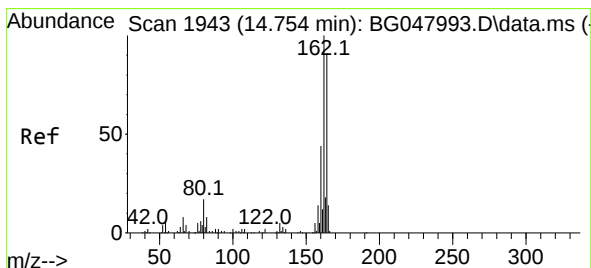
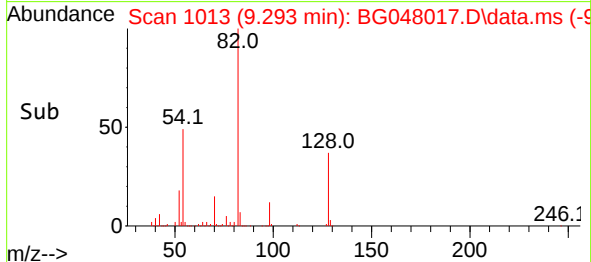
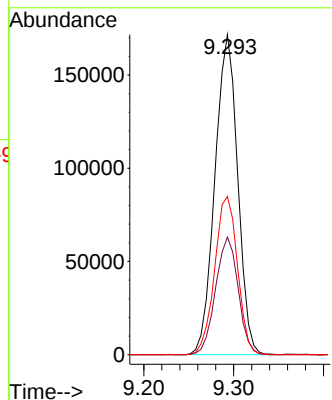
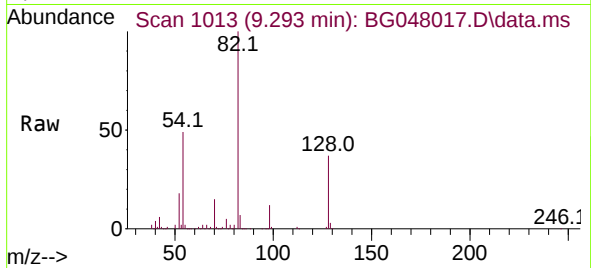




#23
Nitrobenzene-d5
Concen: 78.03 ng
RT: 9.293 min Scan# 1013
Delta R.T. -0.003 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

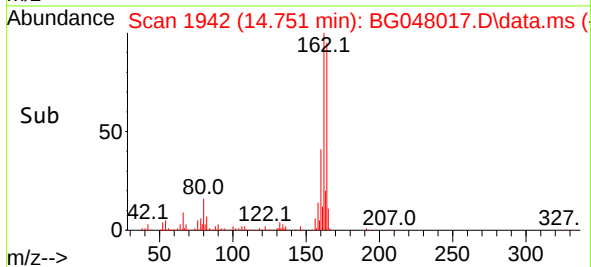
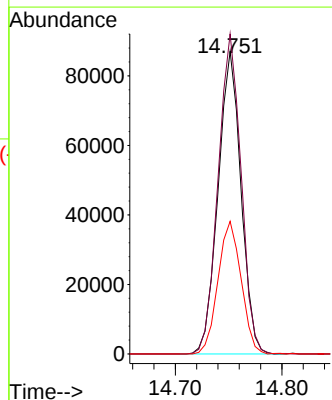
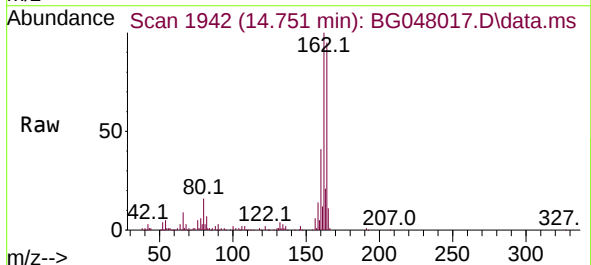
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-01

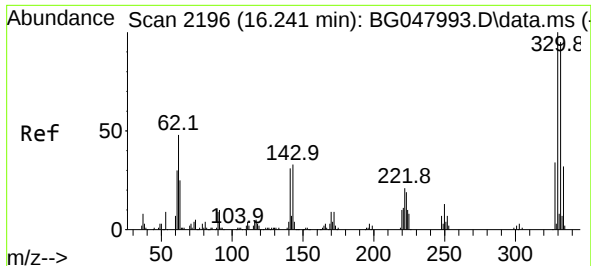
Tgt Ion: 82 Resp: 301654
Ion Ratio Lower Upper
82 100
128 36.8 37.0 55.6#
54 49.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.751 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

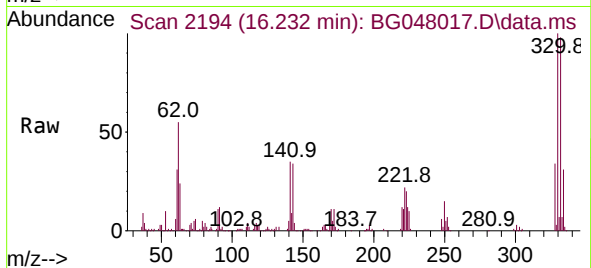
Tgt Ion:164 Resp: 129752
Ion Ratio Lower Upper
164 100
162 105.7 82.3 123.5
160 43.8 35.3 52.9



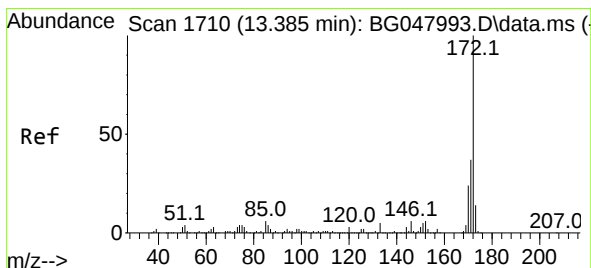
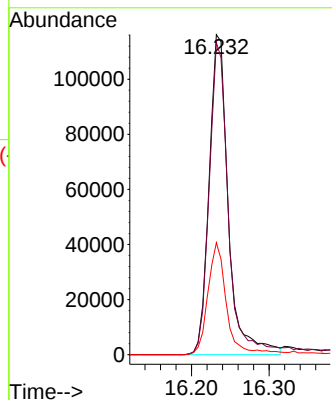
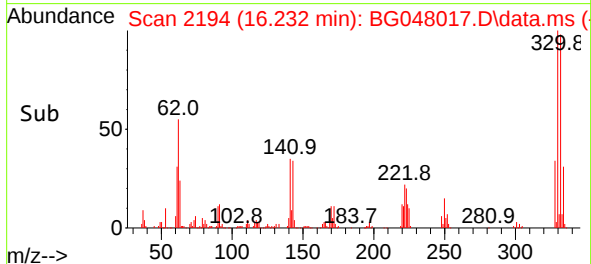


#42
2,4,6-Tribromophenol
Concen: 92.78 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.009 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

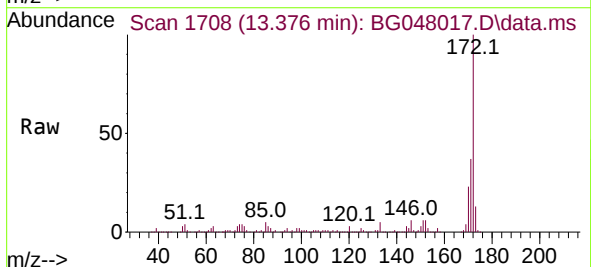
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-01



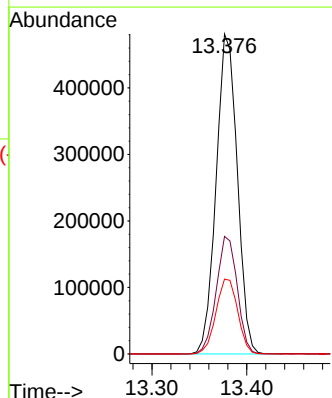
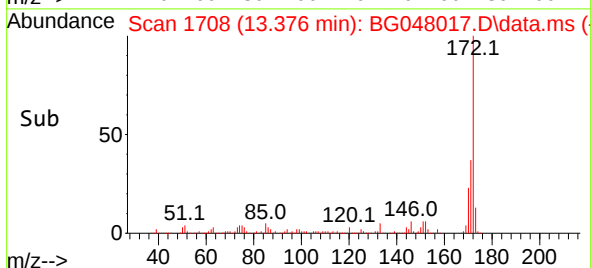
Tgt Ion:330 Resp: 200508
Ion Ratio Lower Upper
330 100
332 98.6 76.5 114.7
141 34.1 26.0 39.0

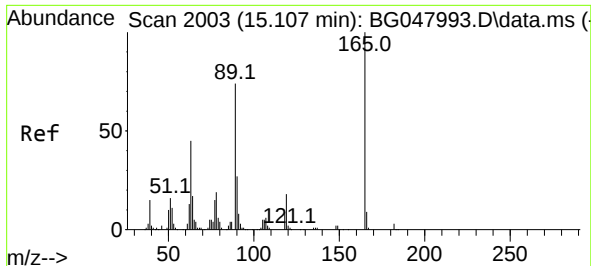


#45
2-Fluorobiphenyl
Concen: 74.42 ng
RT: 13.376 min Scan# 1708
Delta R.T. -0.009 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55



Tgt Ion:172 Resp: 746864
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 23.4 20.8 31.2

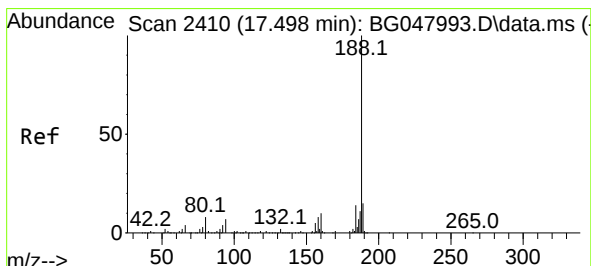
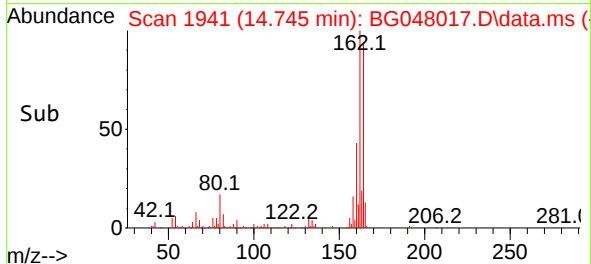
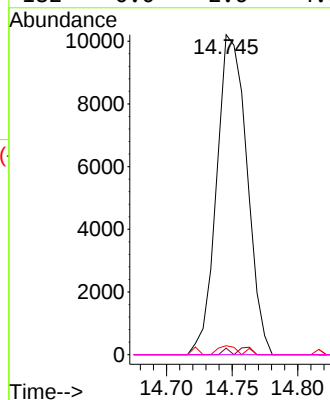
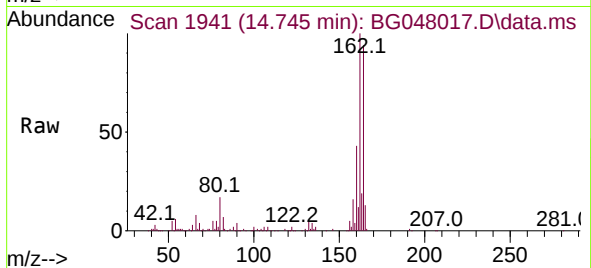




#57
2,4-Dinitrotoluene
Concen: 4.64 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

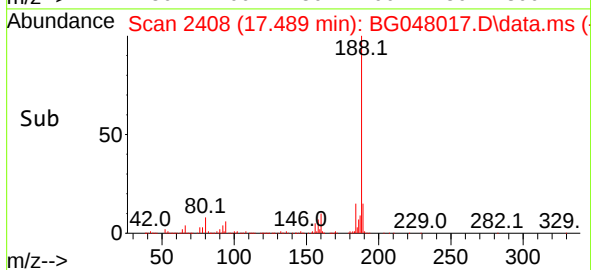
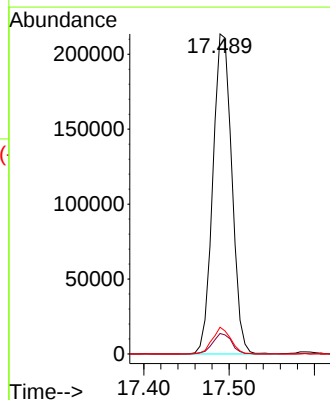
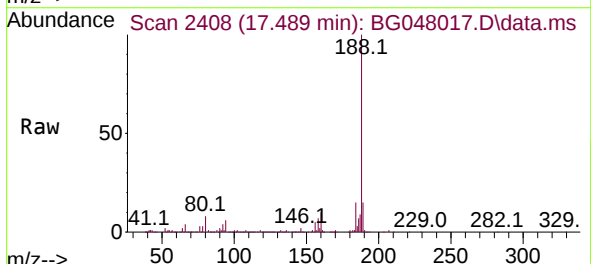
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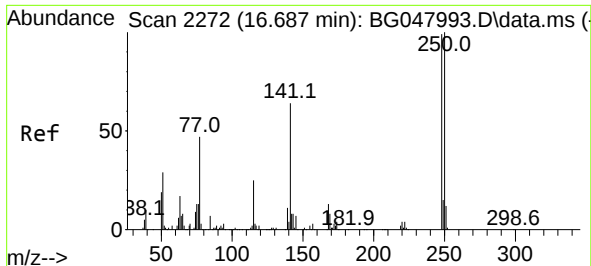
Tgt Ion:165 Resp: 16371
Ion Ratio Lower Upper
165 100
63 2.0 26.4 39.6#
89 2.8 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

Tgt Ion:188 Resp: 329606
Ion Ratio Lower Upper
188 100
94 6.4 6.3 9.5
80 8.3 7.0 10.6

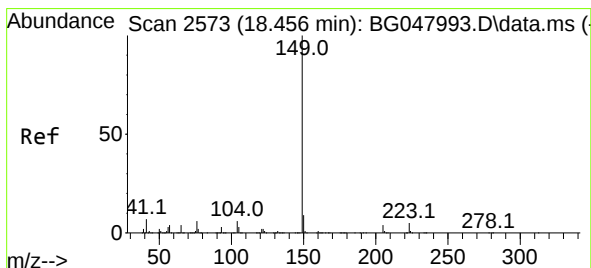
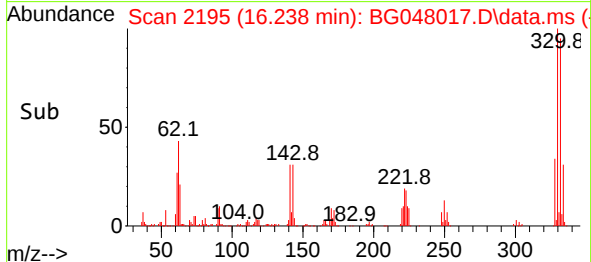
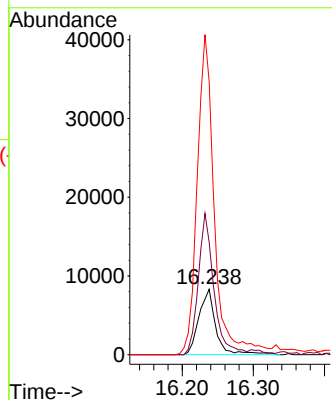
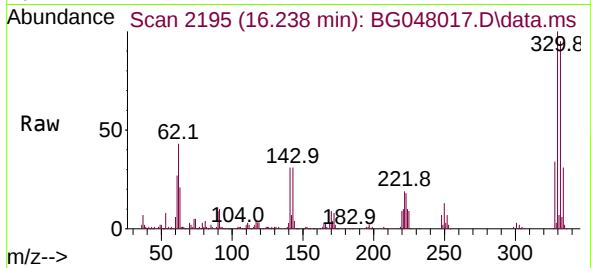




#67
4-Bromophenyl-phenylether
Concen: 3.13 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.449 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

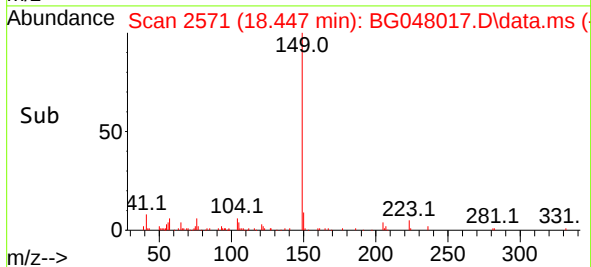
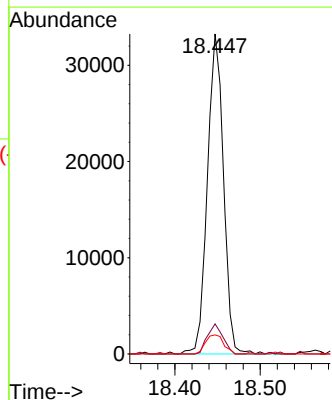
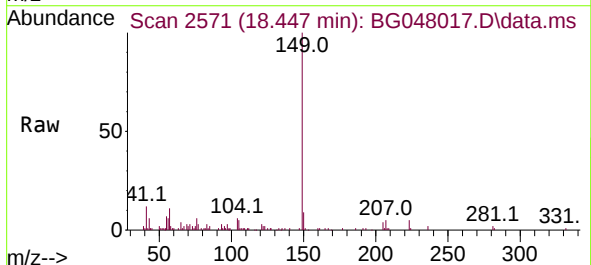
Instrument :
BNA_G
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IDW-BR2-AQ-012121-01

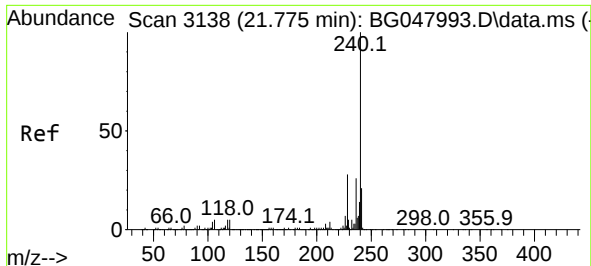
Tgt Ion:248 Resp: 13806
Ion Ratio Lower Upper
248 100
250 172.0 78.9 118.3#
141 417.5 46.2 69.4#



#74
Di-n-butylphthalate
Concen: 2.04 ng
RT: 18.447 min Scan# 2571
Delta R.T. -0.009 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

Tgt Ion:149 Resp: 43582
Ion Ratio Lower Upper
149 100
150 9.4 8.2 12.4
104 5.9 3.8 5.8#

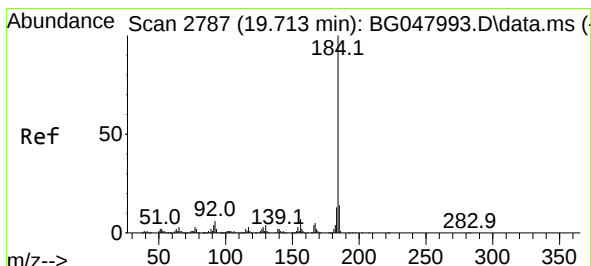
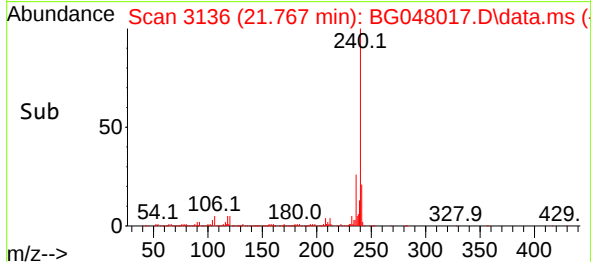
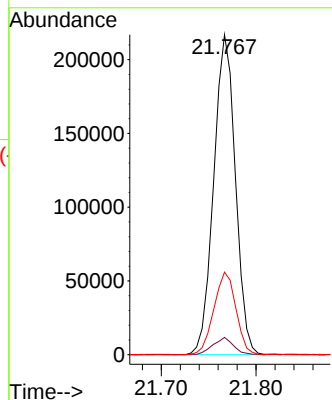
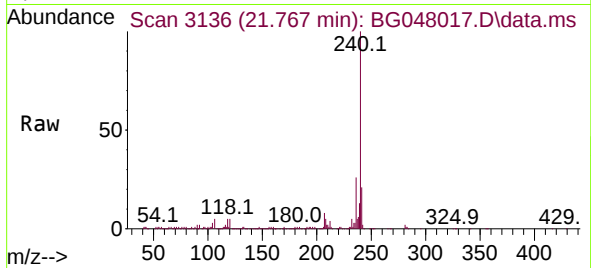




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.767 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

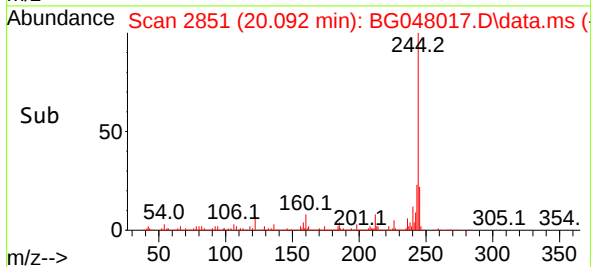
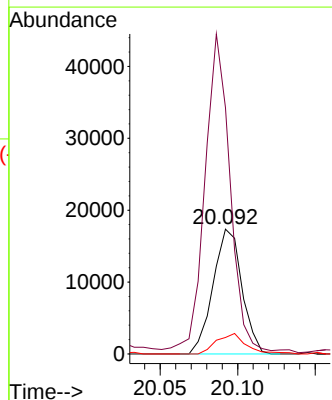
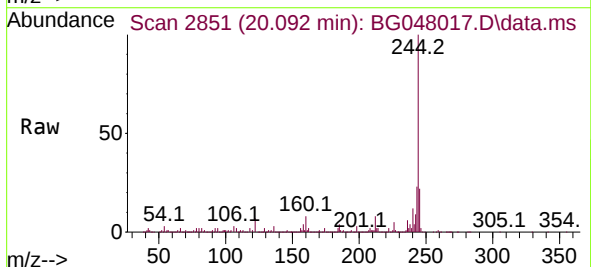
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-01

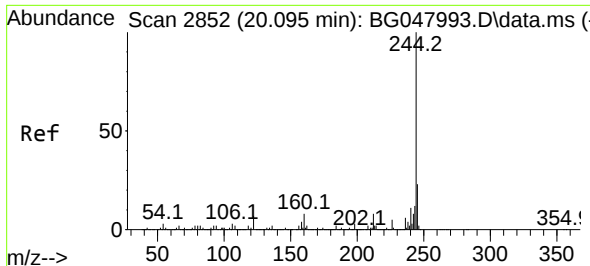
Tgt Ion:240 Resp: 344476
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 25.8 20.5 30.7



#77
Benzidine
Concen: 2.26 ng
RT: 20.092 min Scan# 2851
Delta R.T. 0.379 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

Tgt Ion:184 Resp: 22439
Ion Ratio Lower Upper
184 100
185 197.3 12.4 18.6#
183 13.2 10.6 15.8

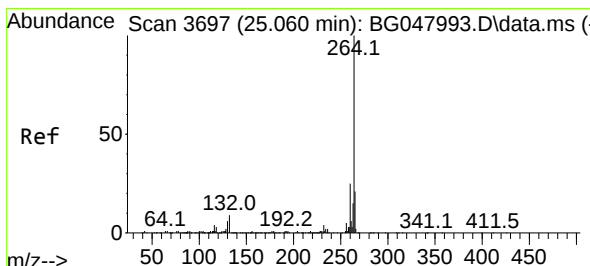
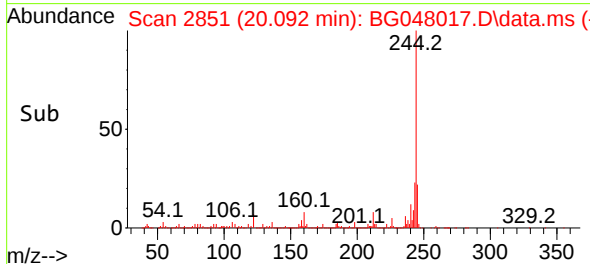
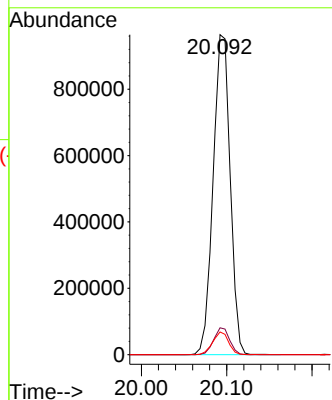
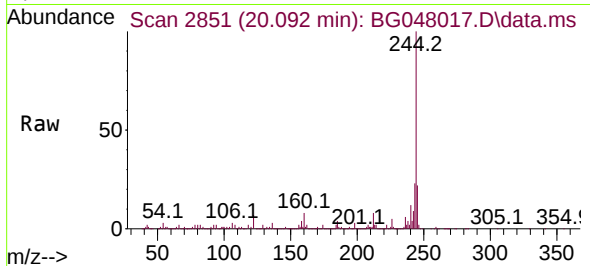




#79
Terphenyl-d14
Concen: 67.32 ng
RT: 20.092 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-01

Tgt Ion:244 Resp: 1337501
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 7.1 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.051 min Scan# 3695
Delta R.T. -0.009 min
Lab File: BG048017.D
Acq: 26 Jan 2021 21:55

Tgt Ion:264 Resp: 346822
Ion Ratio Lower Upper
264 100
260 22.2 18.8 28.2
265 21.7 17.8 26.8

