

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048820.D
 Acq On : 21 Apr 2021 15:11
 Operator : CG/JU
 Sample : M2090-23
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SEDGWICK-COMP-5

Quant Time: Apr 21 16:39:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

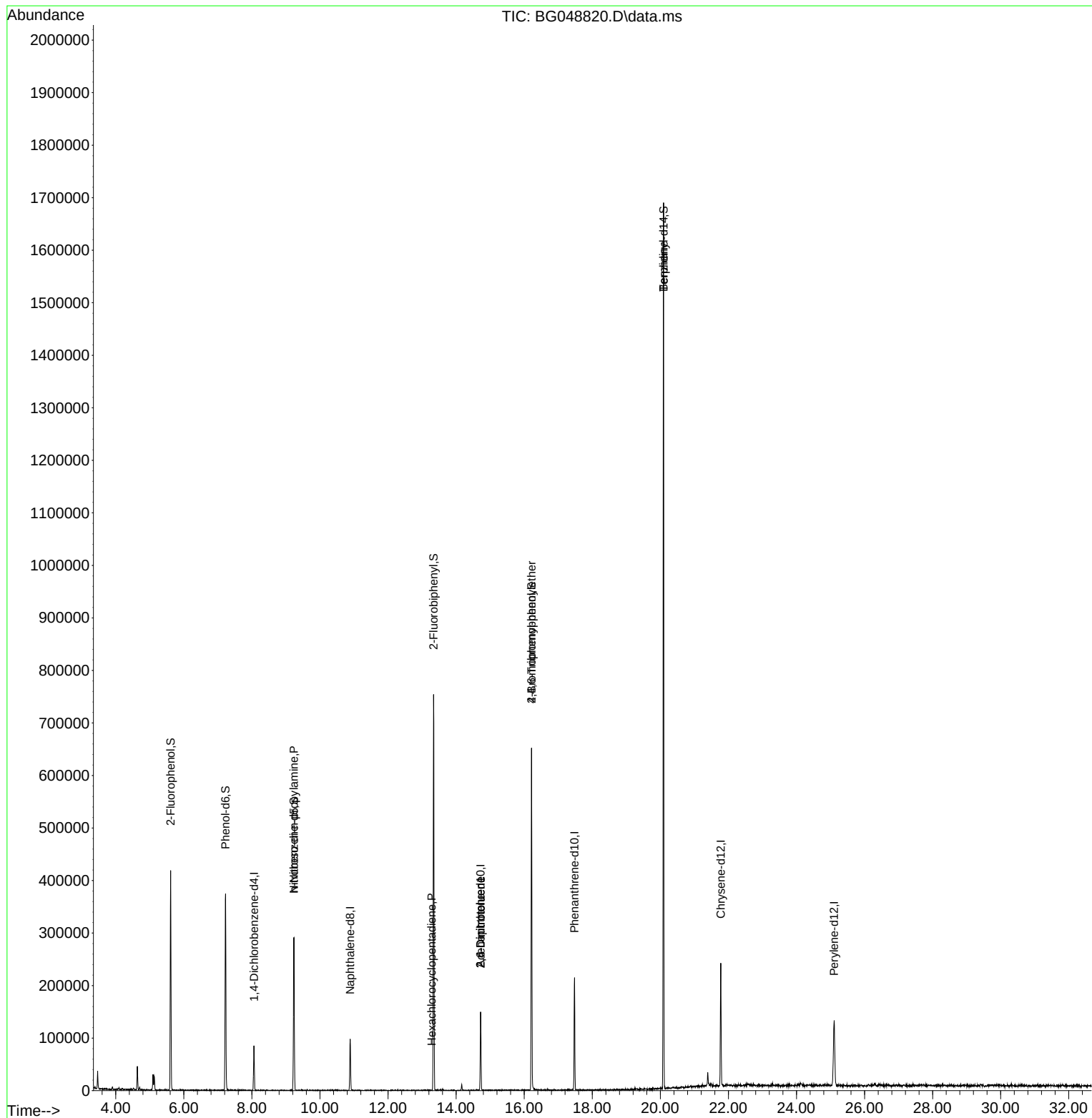
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	20665	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	75951	20.00	ng	# 0.00
39) Acenaphthene-d10	14.719	164	51381	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	132578	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	139414	20.00	ng	# 0.00
86) Perylene-d12	25.106	264	130467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	155037	125.48	ng	0.00
7) Phenol-d6	7.227	99	183797	105.17	ng	0.00
23) Nitrobenzene-d5	9.231	82	169416	99.86	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	105038	152.47	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	364813	102.54	ng	0.00
79) Terphenyl-d14	20.095	244	746994	92.22	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.237	70	27125	23.00	ng	# 80
41) Hexachlorocyclopentadiene	13.279	237	78	5.94	ng	# 31
51) 2,6-Dinitrotoluene	14.719	165	7341	8.26	ng	# 15
57) 2,4-Dinitrotoluene	14.719	165	7341	5.69	ng	# 21
67) 4-Bromophenyl-phenylether	16.217	248	8579	5.62	ng	# 1
77) Benzidine	20.095	184	14045	3.71	ng	# 89

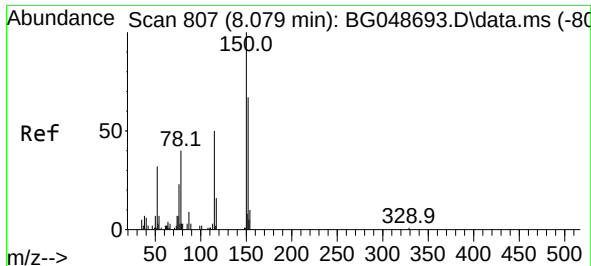
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

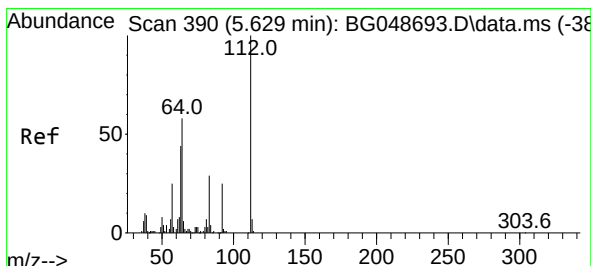
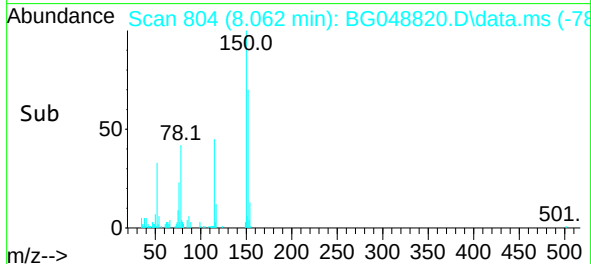
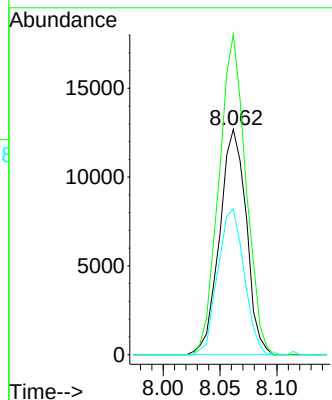
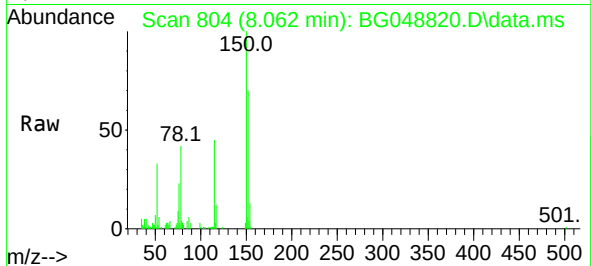




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.062 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

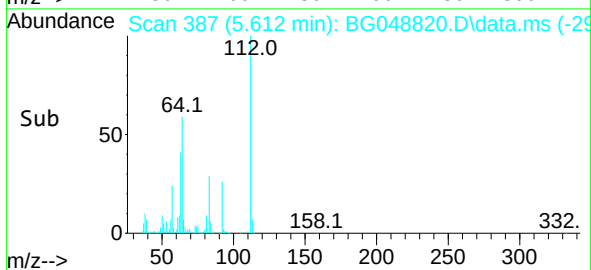
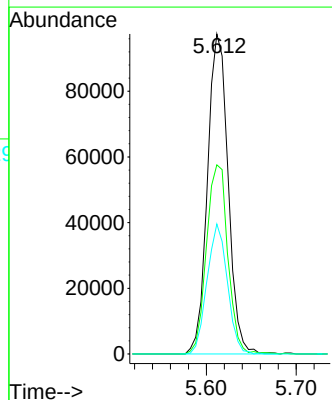
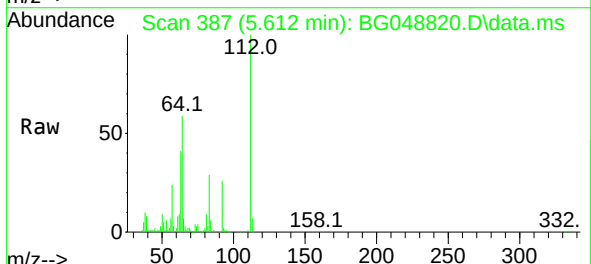
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-5

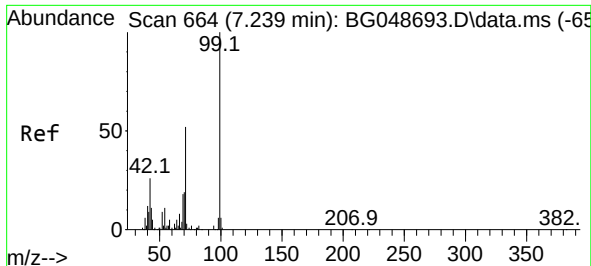
Tgt Ion:152 Resp: 20665
Ion Ratio Lower Upper
152 100
150 142.0 119.4 179.0
115 64.6 60.2 90.4



#5
2-Fluorophenol
Concen: 125.48 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.006 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

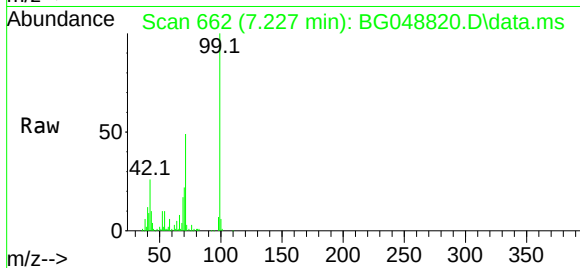
Tgt Ion:112 Resp: 155037
Ion Ratio Lower Upper
112 100
64 59.1 46.7 70.1
63 40.6 35.3 52.9



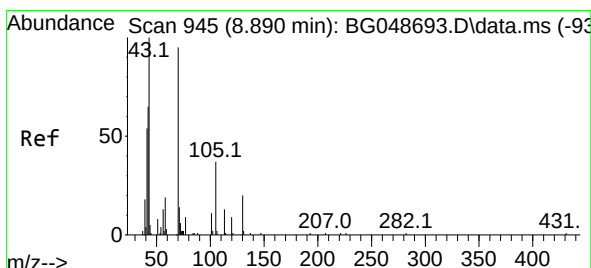
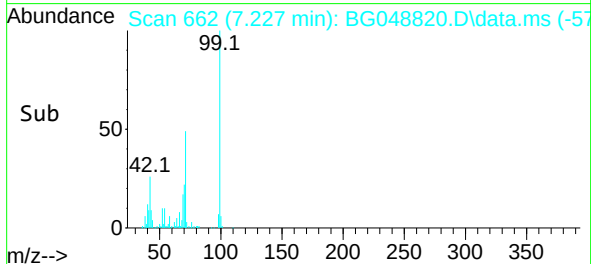
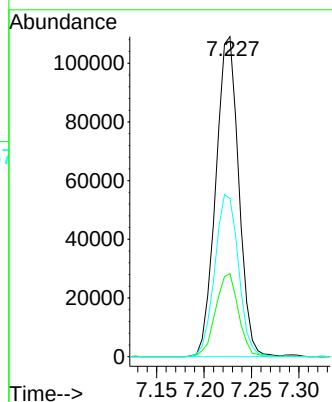


#7
Phenol-d6
Concen: 105.17 ng
RT: 7.227 min Scan# 662
Delta R.T. 0.006 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-5

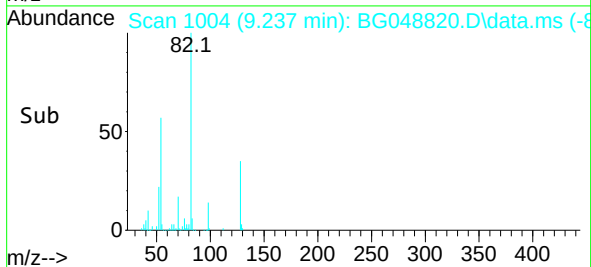
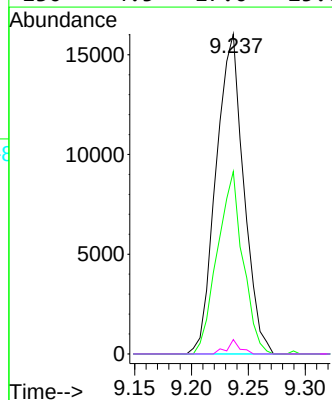
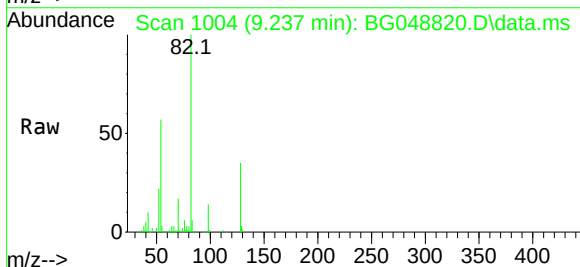


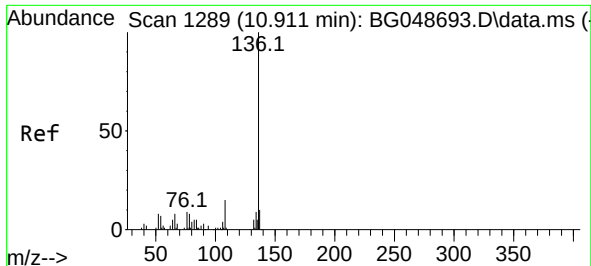
Tgt Ion: 99 Resp: 183797
Ion Ratio Lower Upper
99 100
42 25.9 20.5 30.7
71 49.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.00 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.365 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

Tgt Ion: 70 Resp: 27125
Ion Ratio Lower Upper
70 100
42 57.0 54.5 81.7
101 0.0 9.0 13.6#
130 4.5 17.0 25.6#

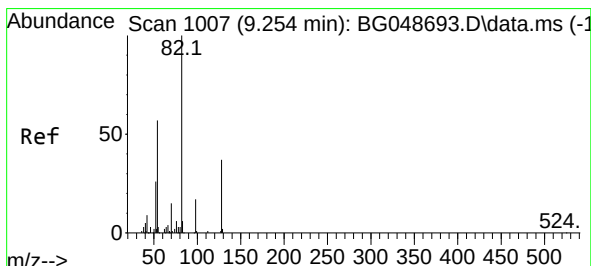
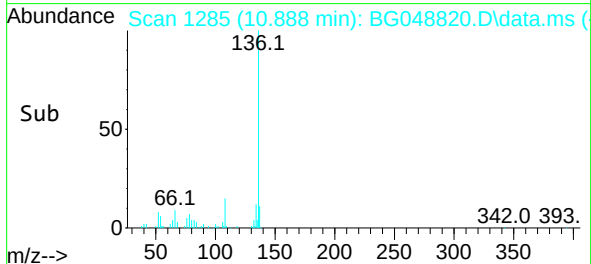
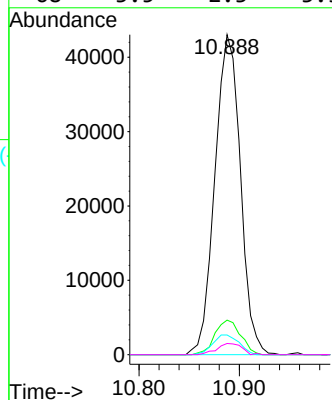
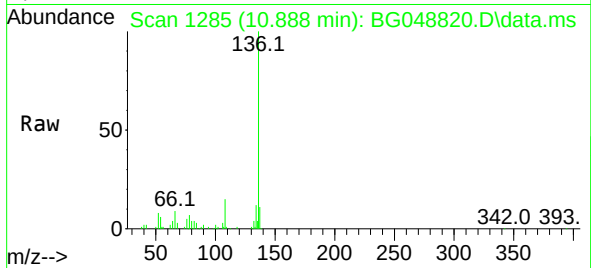




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

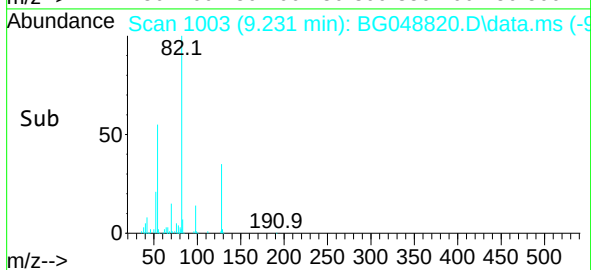
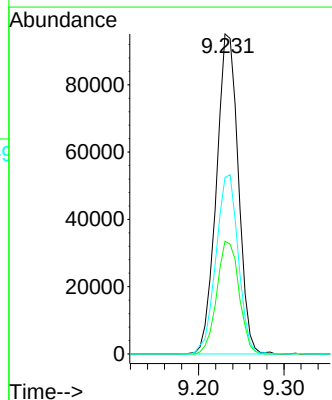
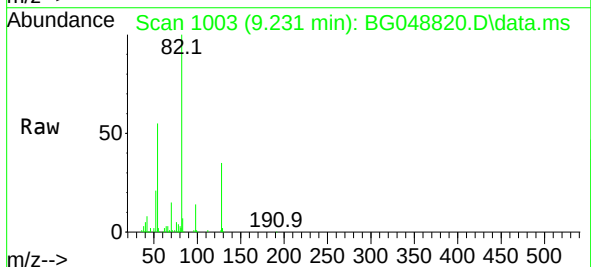
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-5

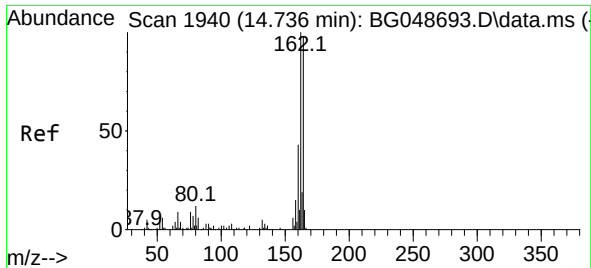
Tgt Ion:	136	Resp:	75951
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.2
54	6.2	5.5	8.3
68	3.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 99.86 ng
RT: 9.231 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

Tgt Ion:	82	Resp:	169416
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.8	44.6
54	55.1	45.8	68.8

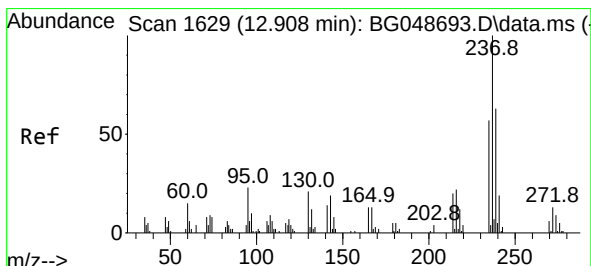
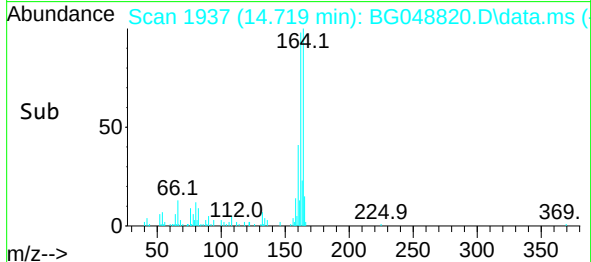
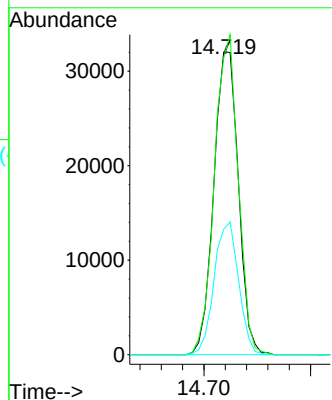
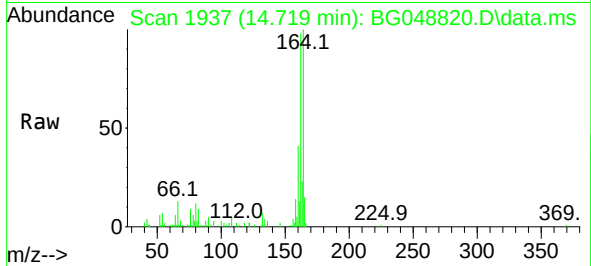




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

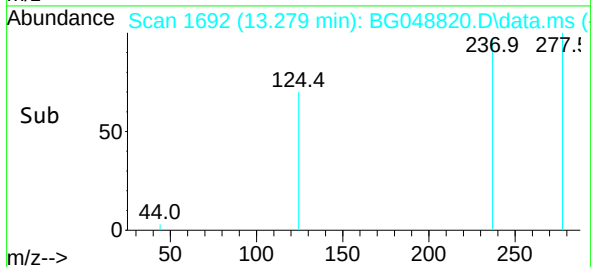
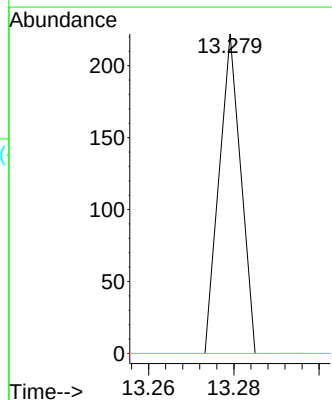
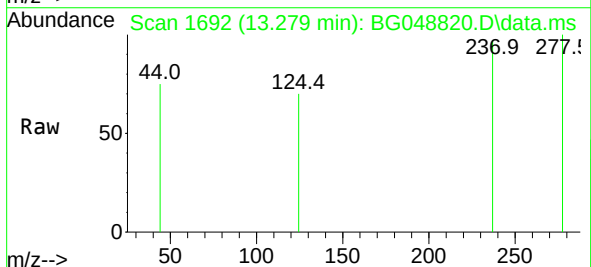
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ClientSampleId :
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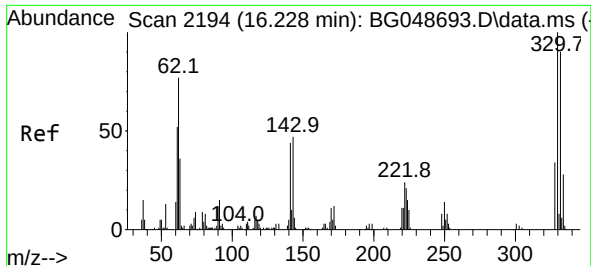
Tgt Ion:164 Resp: 51381
Ion Ratio Lower Upper
164 100
162 98.1 81.4 122.0
160 41.5 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.94 ng
RT: 13.279 min Scan# 1692
Delta R.T. 0.388 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

Tgt Ion:237 Resp: 78
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

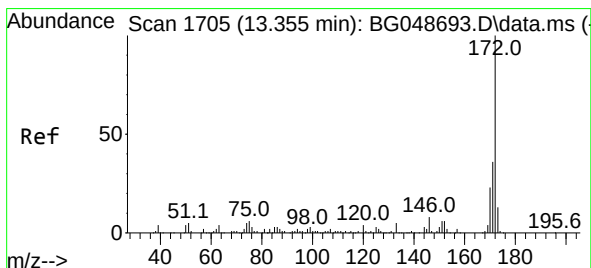
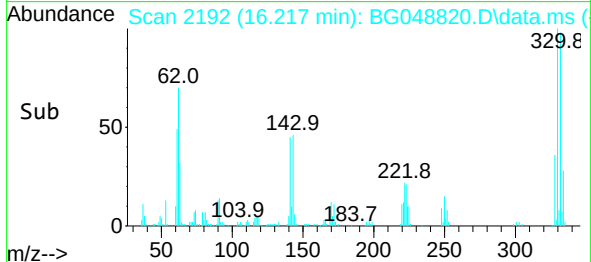
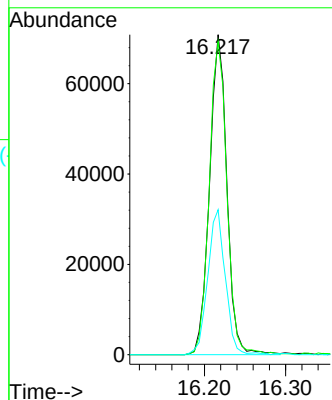
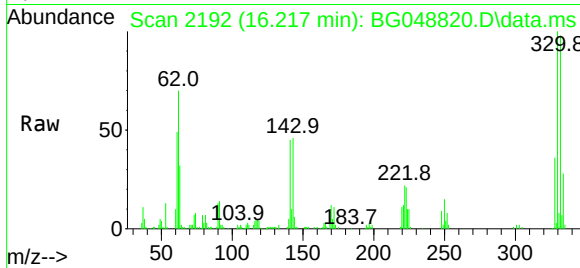




#42
2,4,6-Tribromophenol
Concen: 152.47 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

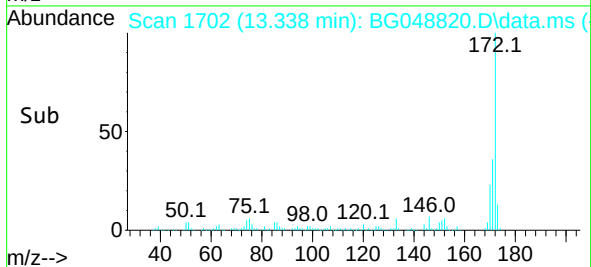
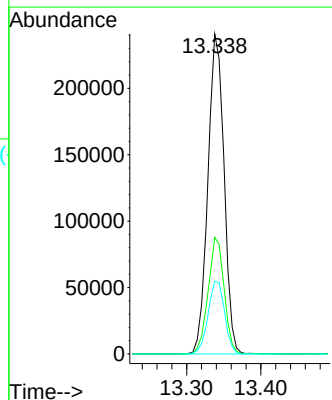
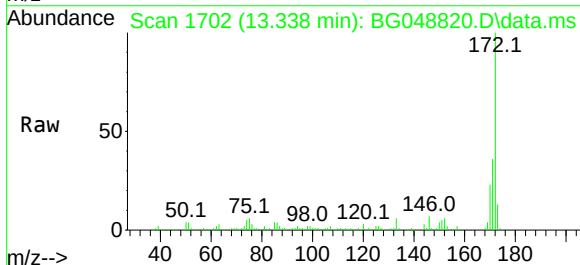
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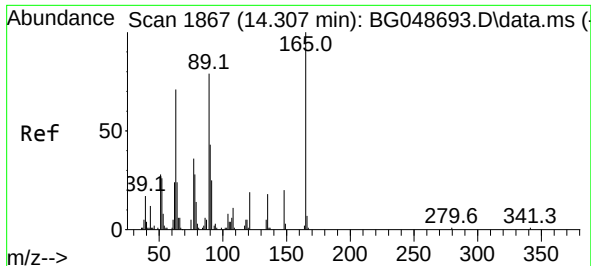
Tgt Ion:330 Resp: 105038
Ion Ratio Lower Upper
330 100
332 99.6 77.3 115.9
141 45.5 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 102.54 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

Tgt Ion:172 Resp: 364813
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 22.7 18.6 27.8

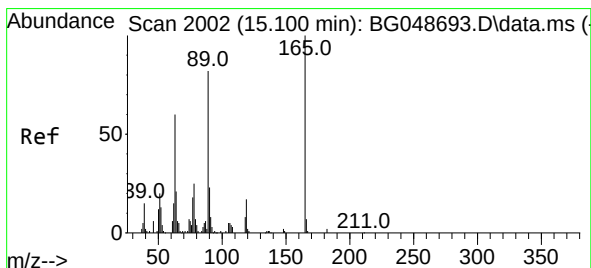
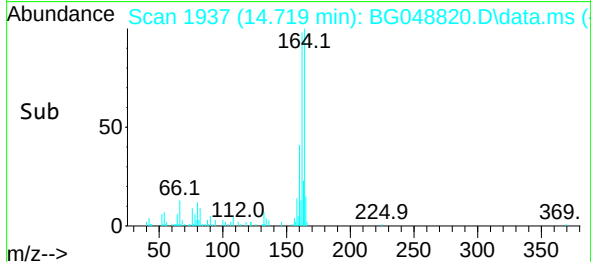
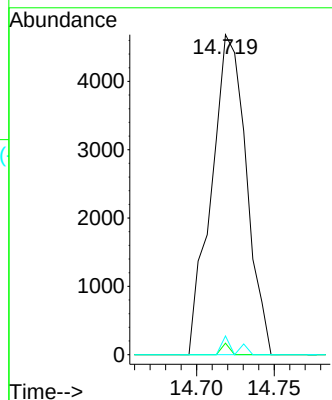
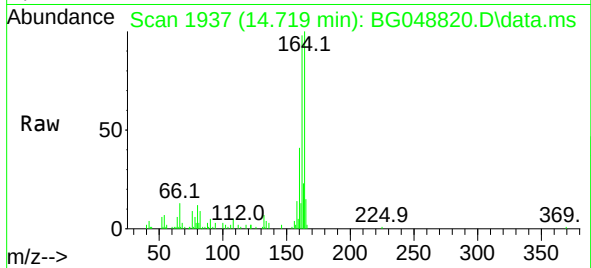




#51
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 14.719 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

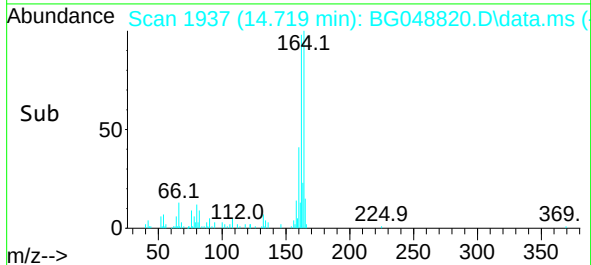
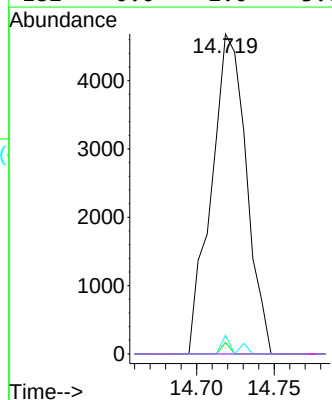
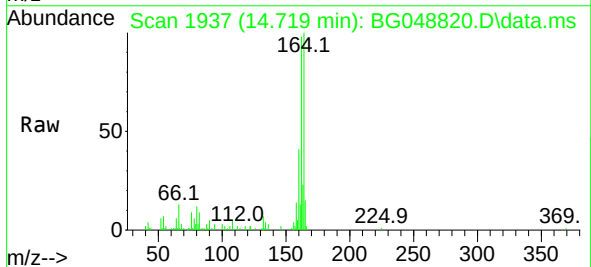
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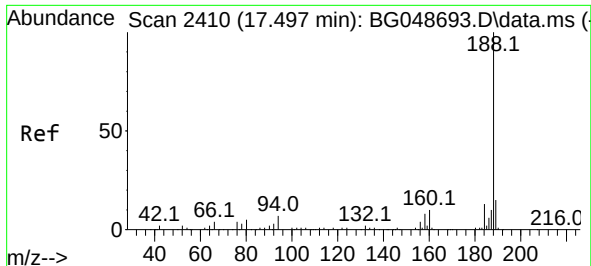
Tgt Ion:165 Resp: 7341
Ion Ratio Lower Upper
165 100
63 3.6 63.3 94.9#
89 5.8 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.69 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.364 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

Tgt Ion:165 Resp: 7341
Ion Ratio Lower Upper
165 100
63 3.6 48.0 72.0#
89 5.8 65.4 98.0#
182 0.0 2.0 3.0#

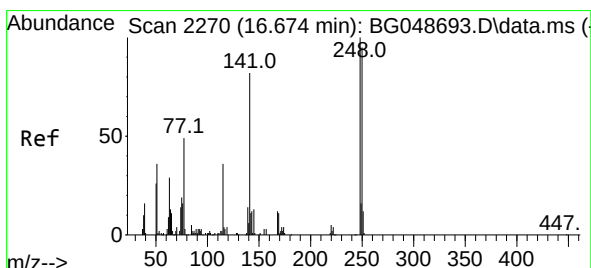
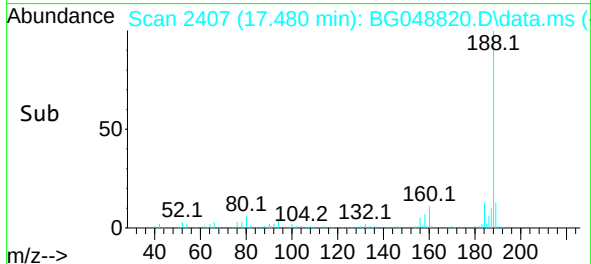
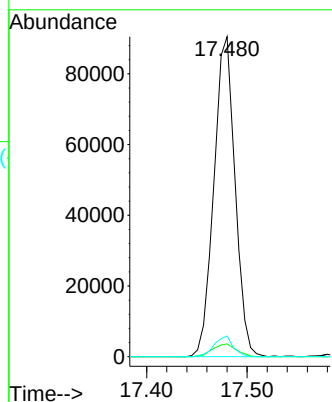
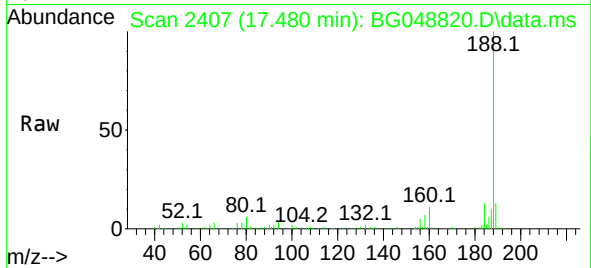




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

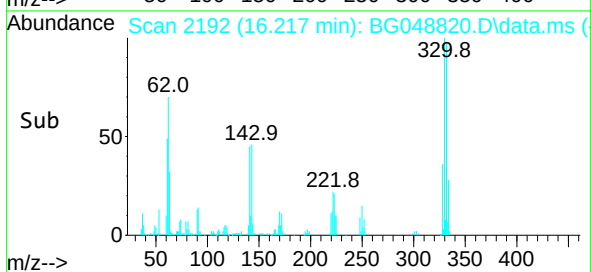
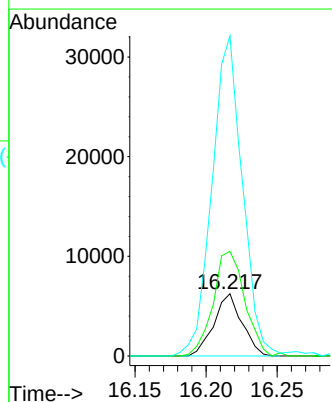
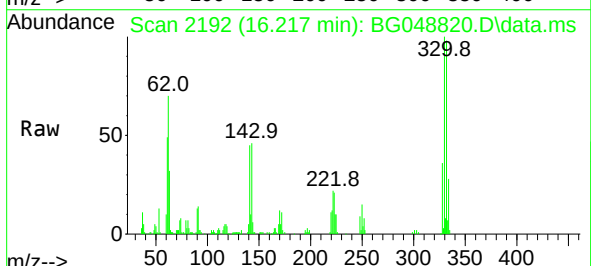
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-5

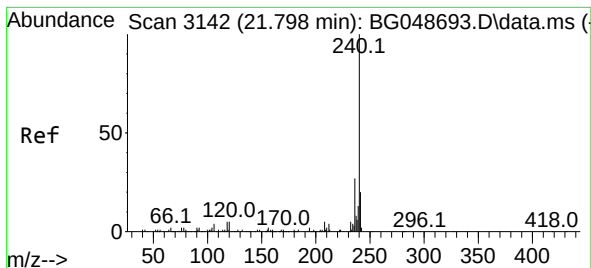
Tgt Ion:188 Resp: 132578
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 6.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.62 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

Tgt Ion:248 Resp: 8579
Ion Ratio Lower Upper
248 100
250 168.2 76.1 114.1#
141 514.0 65.4 98.2#

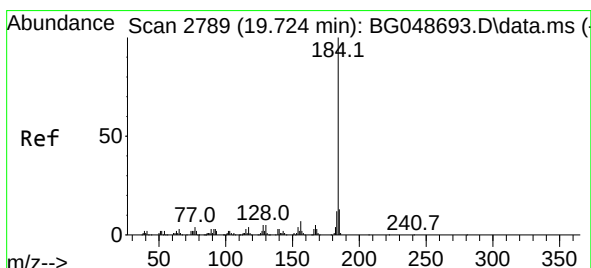
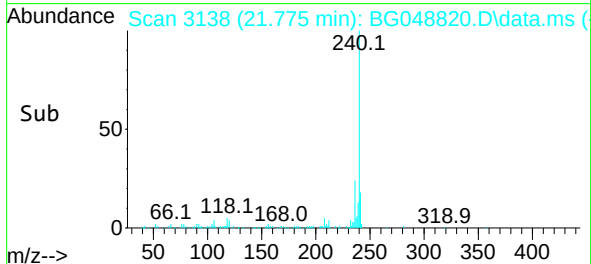
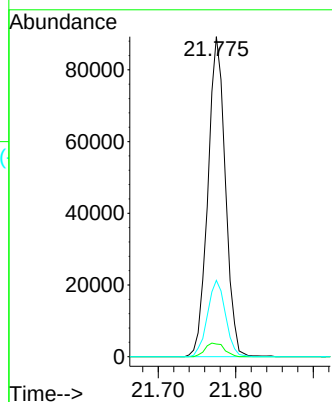
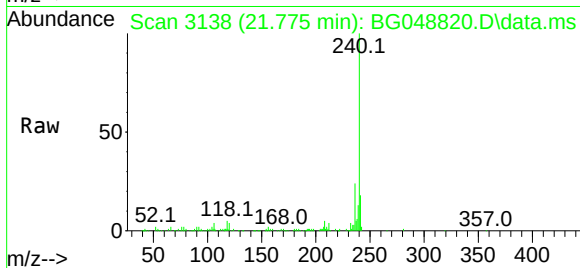




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

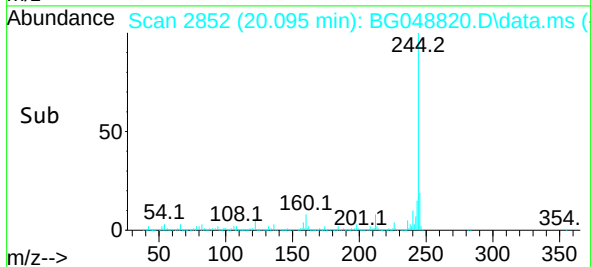
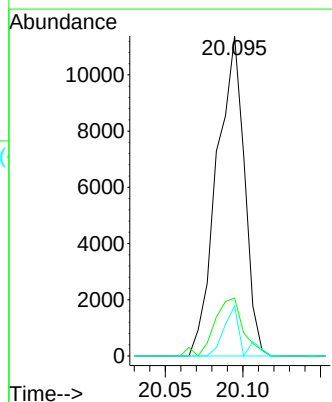
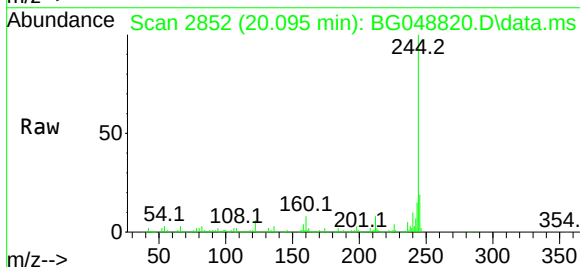
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-5

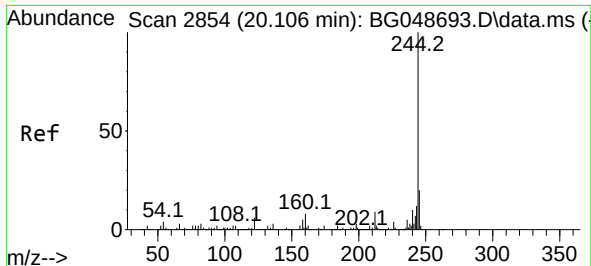
Tgt Ion:240 Resp: 139414
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 23.9 21.8 32.6



#77
Benzidine
Concen: 3.71 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

Tgt Ion:184 Resp: 14045
Ion Ratio Lower Upper
184 100
185 18.1 10.7 16.1#
183 15.6 9.4 14.0#

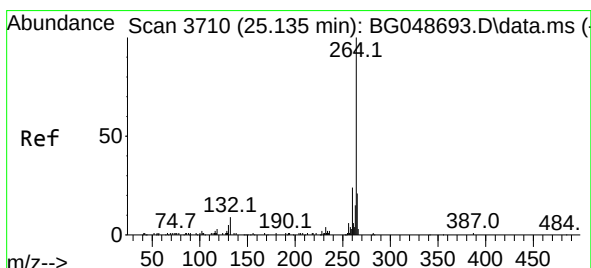
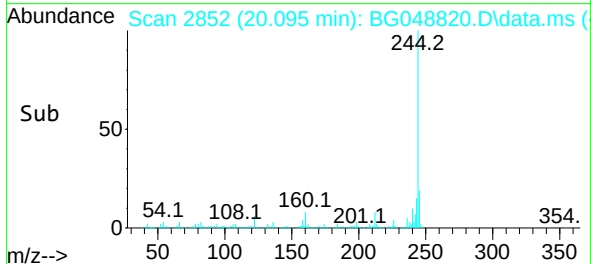
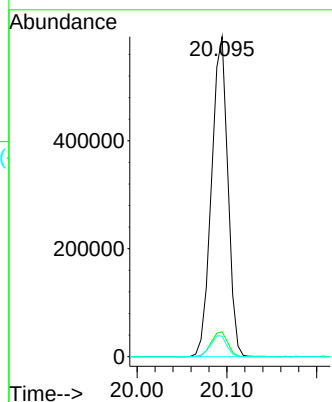
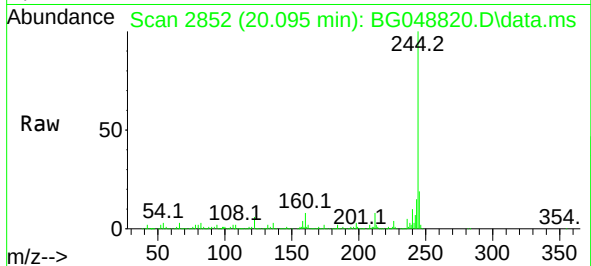




#79
Terphenyl-d14
Concen: 92.22 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.000 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-5

Tgt Ion:244 Resp: 746994
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 6.4 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.106 min Scan# 3705
Delta R.T. -0.005 min
Lab File: BG048820.D
Acq: 21 Apr 2021 15:11

Tgt Ion:264 Resp: 130467
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 23.8 16.9 25.3

