

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048818.D
 Acq On : 21 Apr 2021 13:51
 Operator : CG/JU
 Sample : M2090-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SEDGWICK-COMP-3

Quant Time: Apr 21 15:20:03 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)

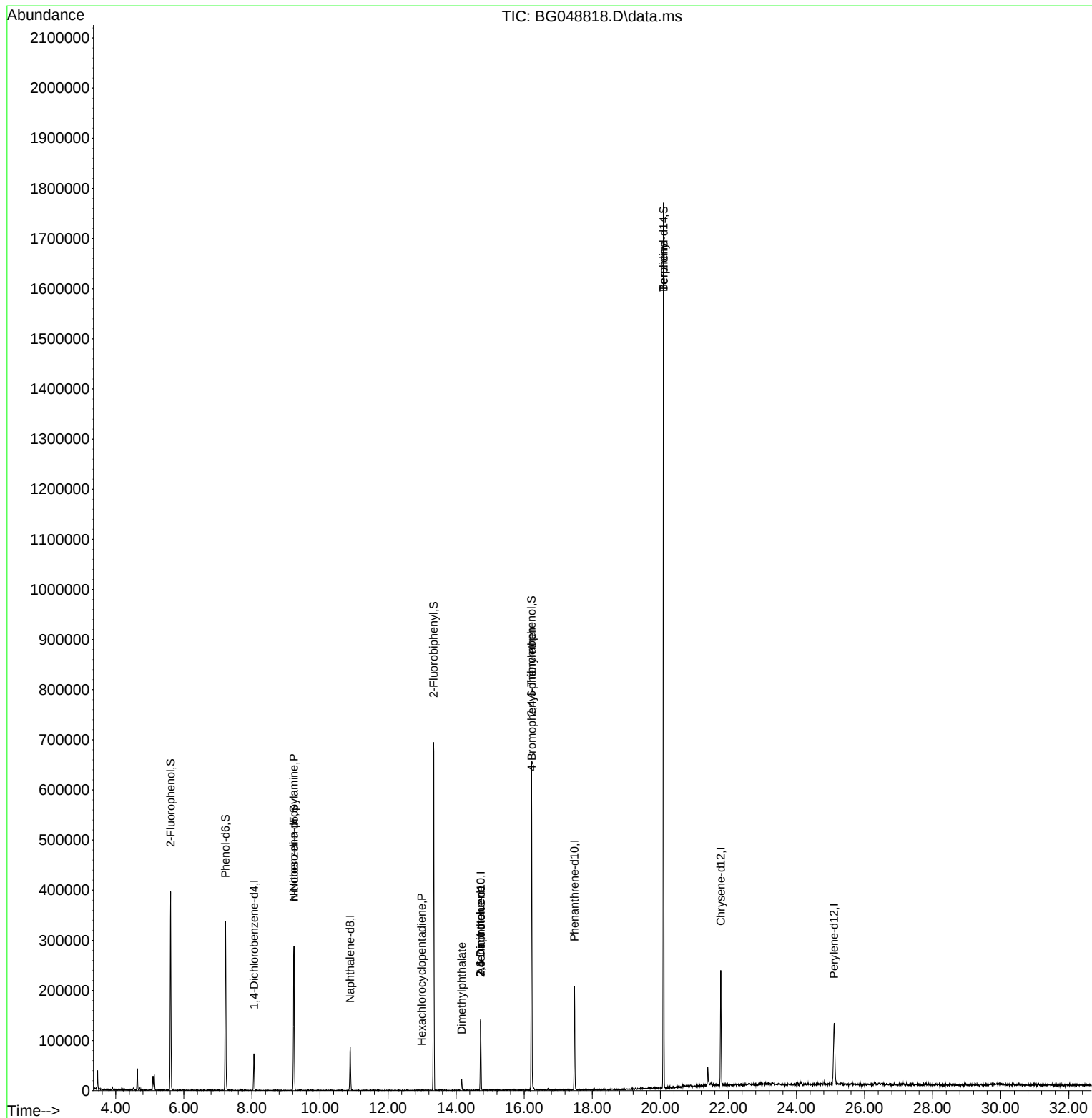
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	17764	20.00	ng	# 0.00
21) Naphthalene-d8	10.887	136	69014	20.00	ng	0.00
39) Acenaphthene-d10	14.724	164	47427	20.00	ng	0.00
64) Phenanthrene-d10	17.479	188	126643	20.00	ng	# 0.00
76) Chrysene-d12	21.774	240	134767	20.00	ng	0.00
86) Perylene-d12	25.106	264	130111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	149210	140.48	ng	0.00
7) Phenol-d6	7.221	99	168673	112.27	ng	0.00
23) Nitrobenzene-d5	9.236	82	159421	103.42	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	108608	170.79	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	346162	105.40	ng	0.00
79) Terphenyl-d14	20.094	244	774801	98.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.236	70	26288	25.94	ng	# 70
41) Hexachlorocyclopentadiene	12.990	237	84	5.95	ng	# 31
50) Dimethylphthalate	14.165	163	12323	3.46	ng	96
51) 2,6-Dinitrotoluene	14.718	165	7183	8.75	ng	# 12
57) 2,4-Dinitrotoluene	14.718	165	7183	6.03	ng	# 17
67) 4-Bromophenyl-phenylether	16.222	248	8309	5.70	ng	# 1
77) Benzidine	20.094	184	14484	3.96	ng	# 84

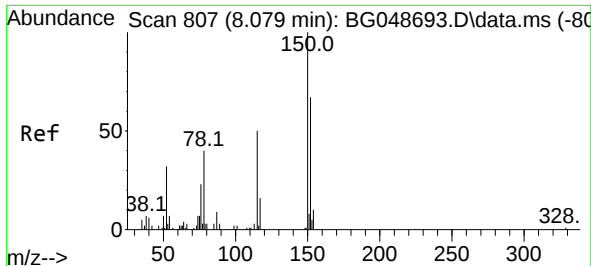
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 21 15:20:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
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Response via : Initial Calibration

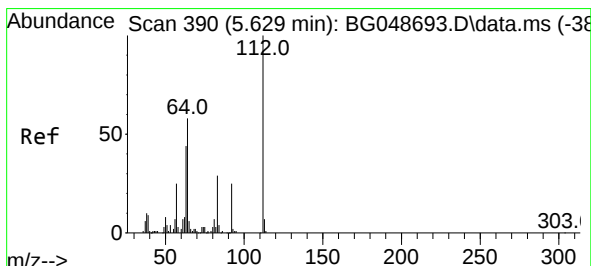
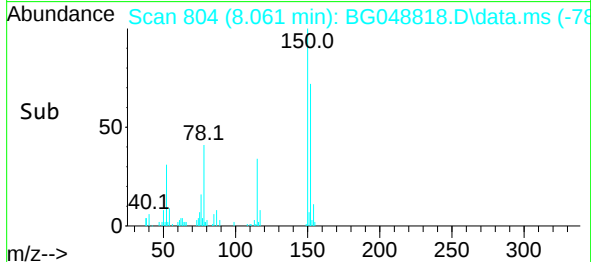
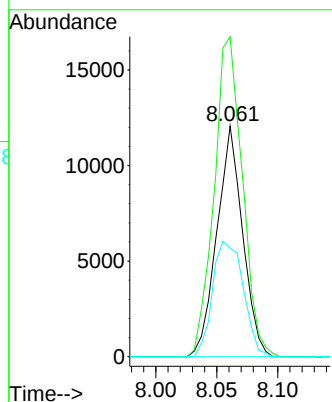
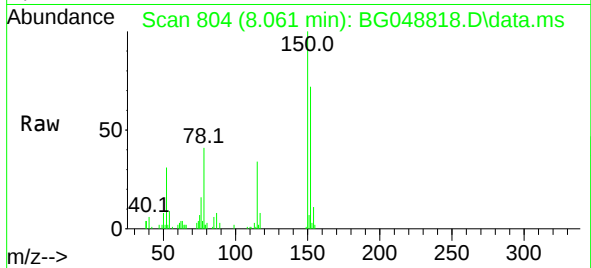




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.061 min Scan# 804
Delta R.T. -0.000 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

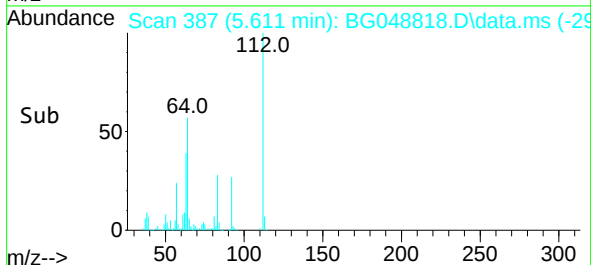
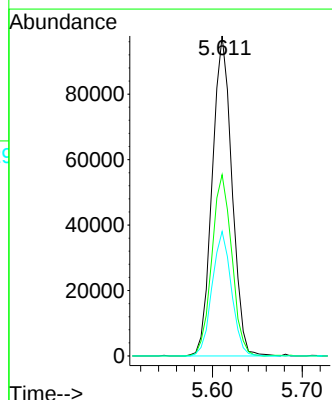
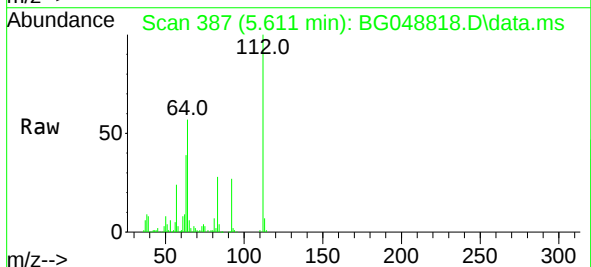
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-3

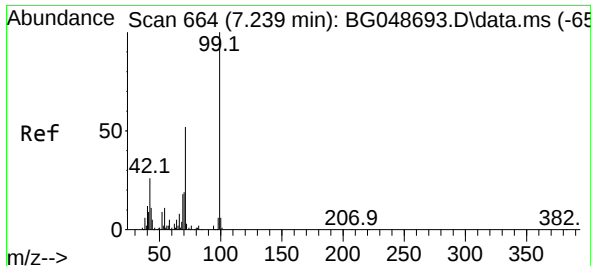
Tgt Ion:152 Resp: 17764
Ion Ratio Lower Upper
152 100
150 138.8 119.4 179.0
115 47.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 140.48 ng
RT: 5.611 min Scan# 387
Delta R.T. 0.006 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

Tgt Ion:112 Resp: 149210
Ion Ratio Lower Upper
112 100
64 56.6 46.7 70.1
63 38.9 35.3 52.9

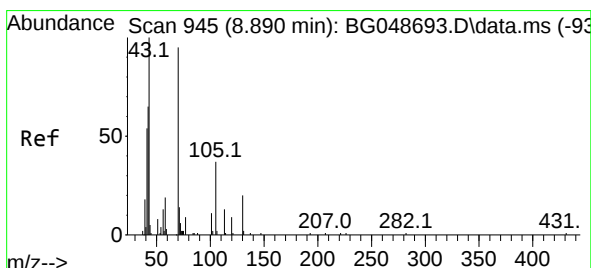
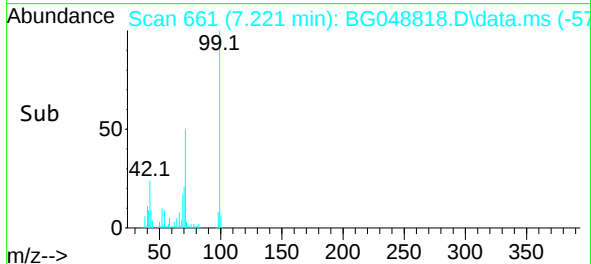
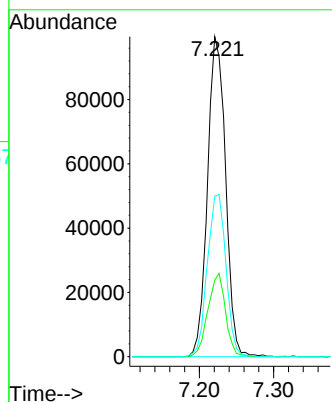
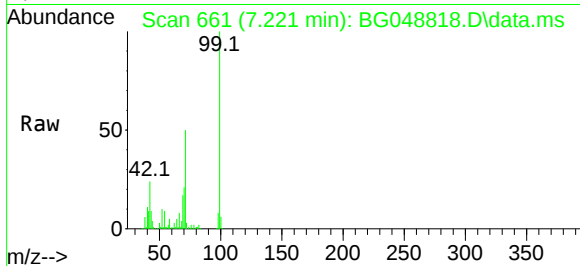




#7
Phenol-d6
Concen: 112.27 ng
RT: 7.221 min Scan# 661
Delta R.T. -0.000 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

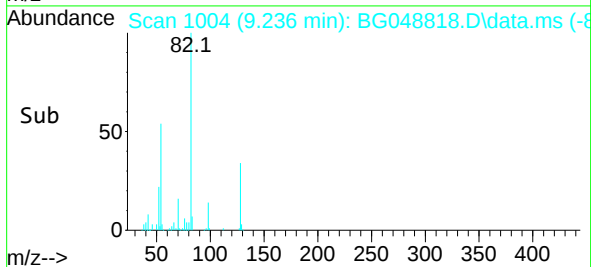
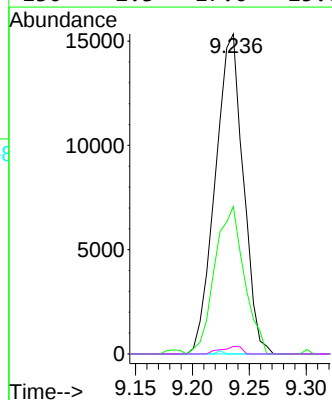
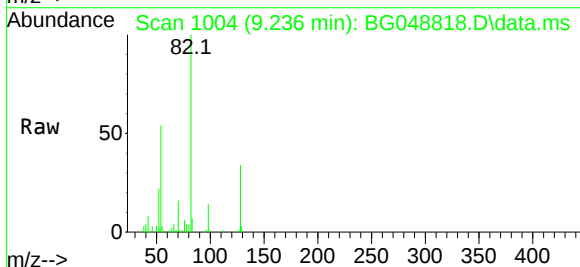
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-3

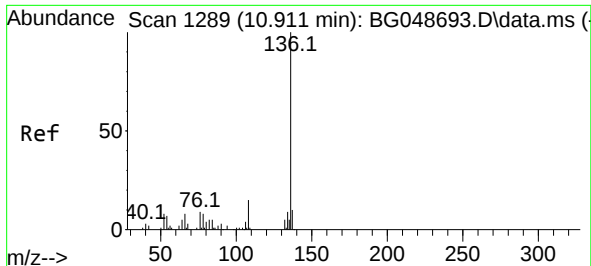
Tgt Ion: 99 Resp: 168673
Ion Ratio Lower Upper
99 100
42 24.0 20.5 30.7
71 50.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 25.94 ng
RT: 9.236 min Scan# 1004
Delta R.T. 0.364 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

Tgt Ion: 70 Resp: 26288
Ion Ratio Lower Upper
70 100
42 46.1 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#

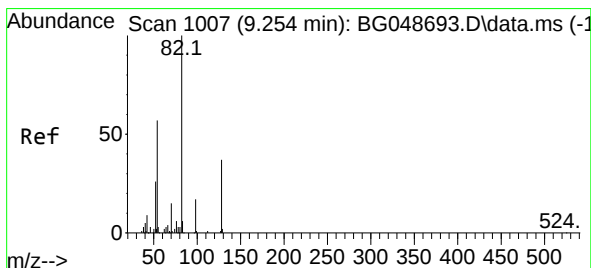
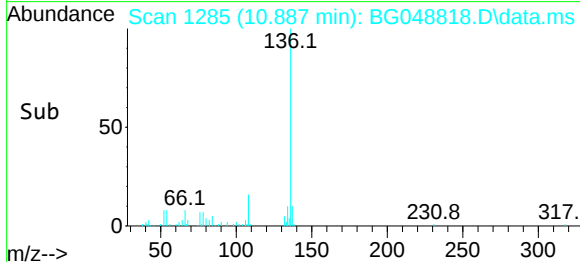
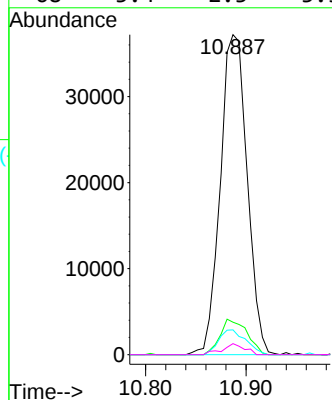
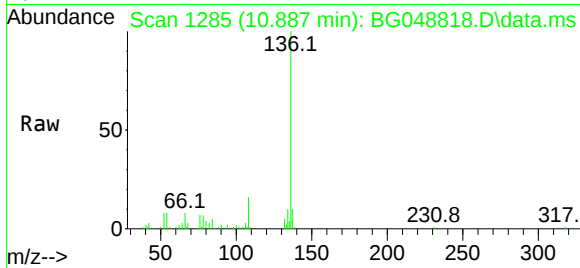




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.887 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

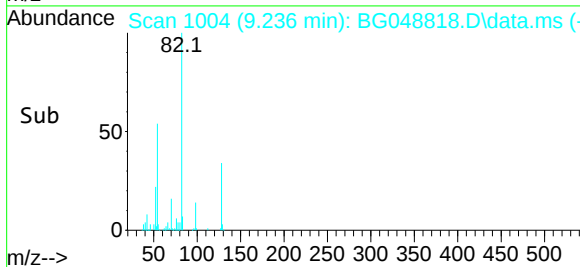
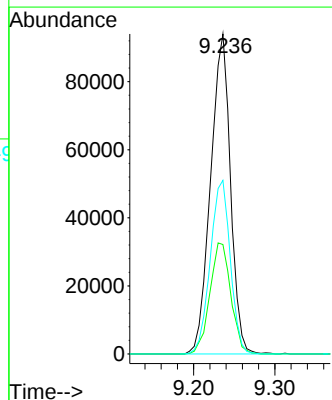
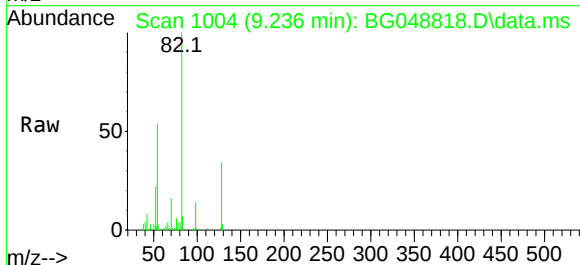
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-3

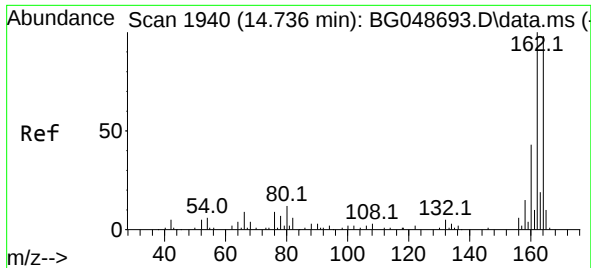
Tgt Ion:	136	Resp:	69014
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.2	12.2
54	7.7	5.5	8.3
68	3.4	2.3	3.5



#23
Nitrobenzene-d5
Concen: 103.42 ng
RT: 9.236 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

Tgt Ion:	82	Resp:	159421
Ion Ratio	Lower	Upper	
82	100		
128	34.2	29.8	44.6
54	54.2	45.8	68.8

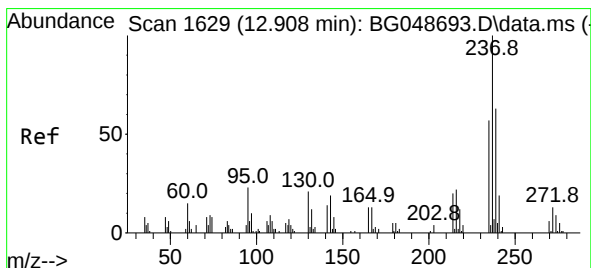
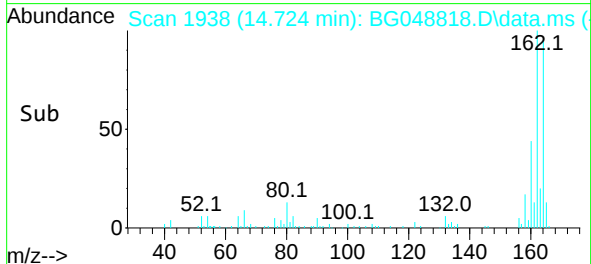
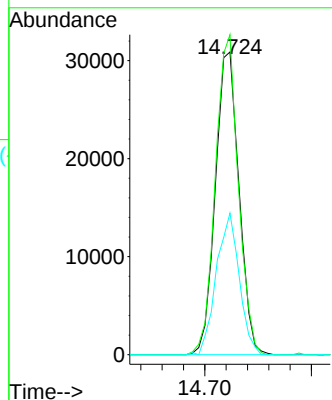
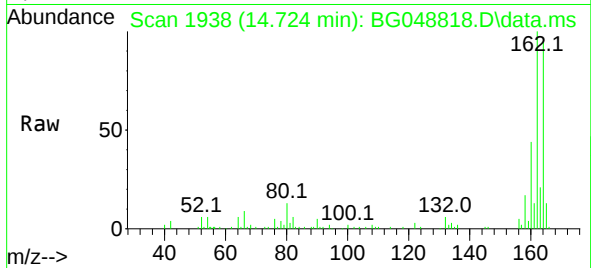




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

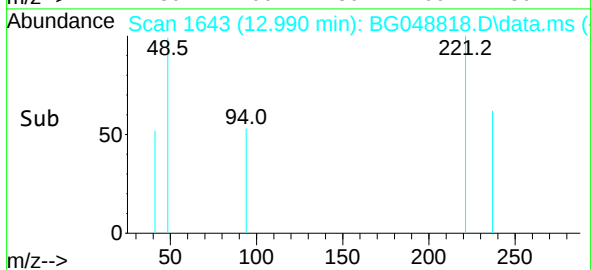
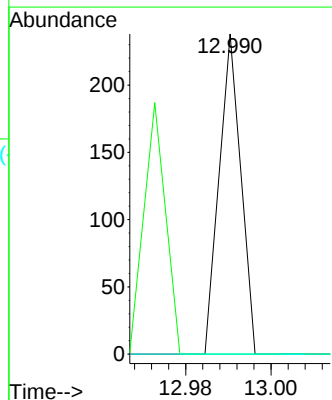
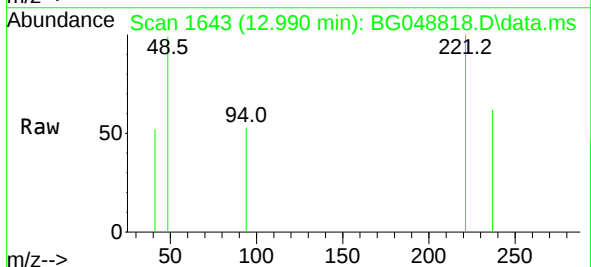
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-3

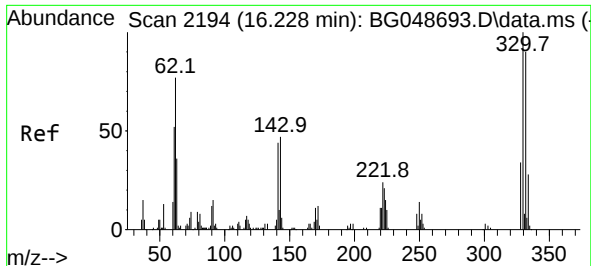
Tgt Ion:164 Resp: 47427
Ion Ratio Lower Upper
164 100
162 105.7 81.4 122.0
160 46.8 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.95 ng
RT: 12.990 min Scan# 1643
Delta R.T. 0.100 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

Tgt Ion:237 Resp: 84
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

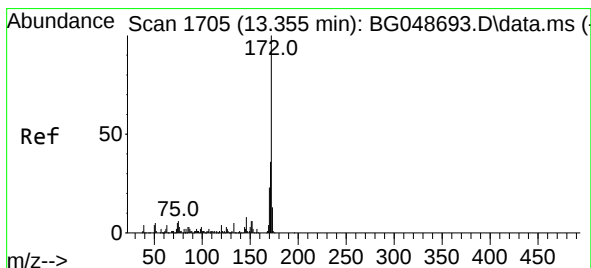
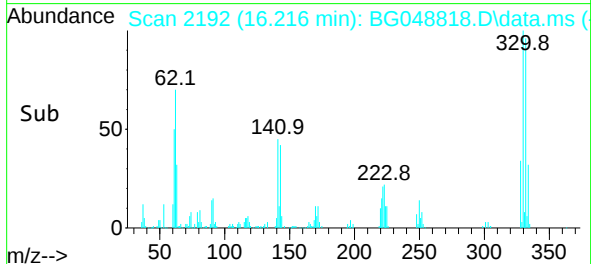
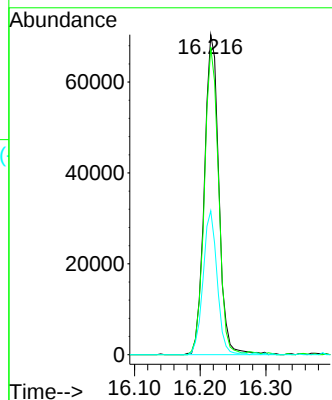
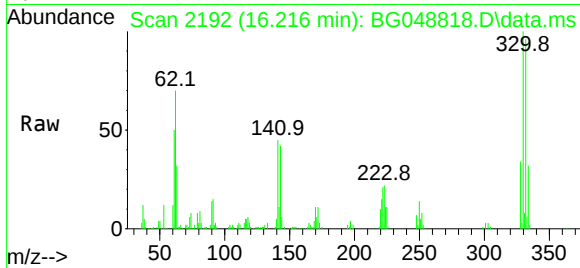




#42
2,4,6-Tribromophenol
Concen: 170.79 ng
RT: 16.216 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

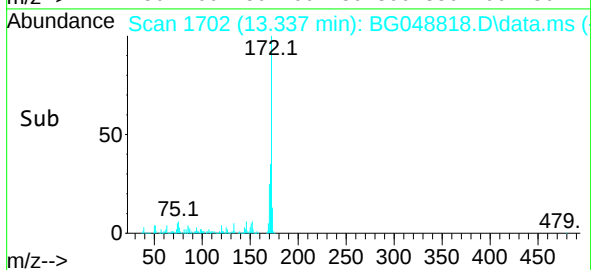
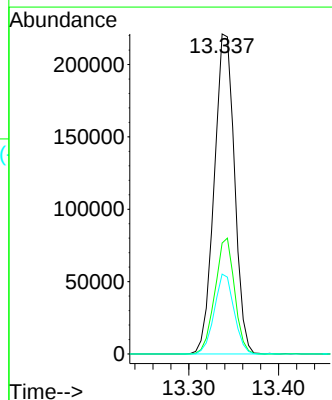
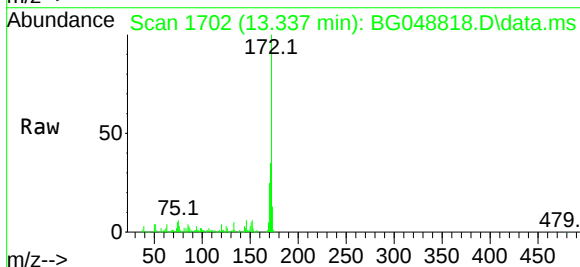
Instrument :
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ClientSampleId :
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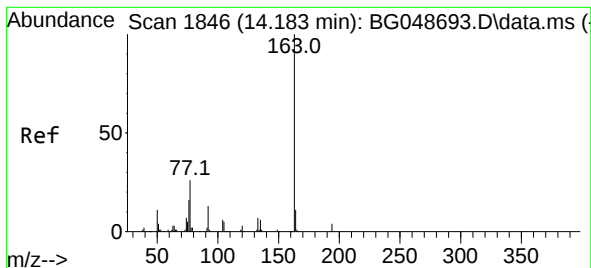
Tgt Ion:330 Resp: 108608
Ion Ratio Lower Upper
330 100
332 93.8 77.3 115.9
141 43.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 105.40 ng
RT: 13.337 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

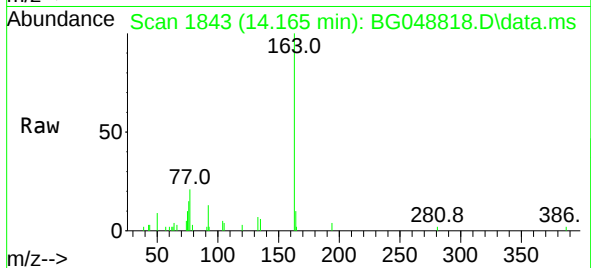
Tgt Ion:172 Resp: 346162
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 25.0 18.6 27.8



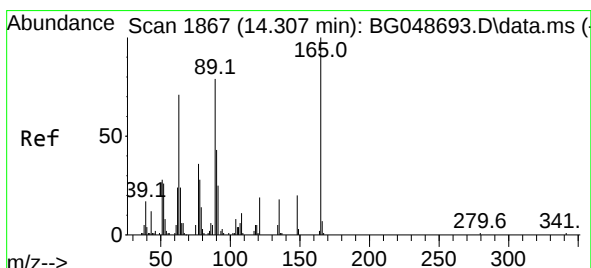
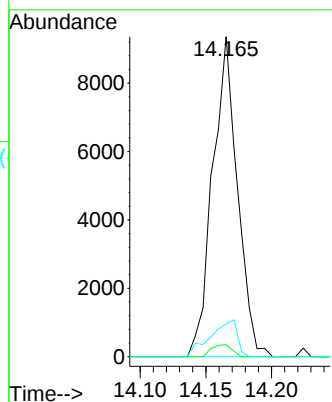
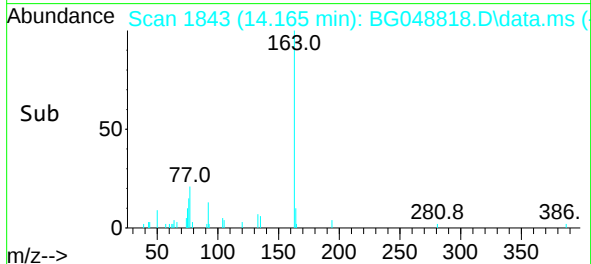


#50
Dimethylphthalate
Concen: 3.46 ng
RT: 14.165 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

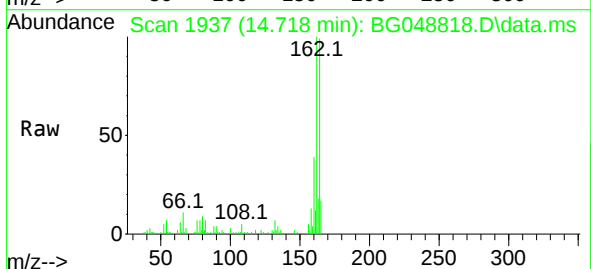
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-3



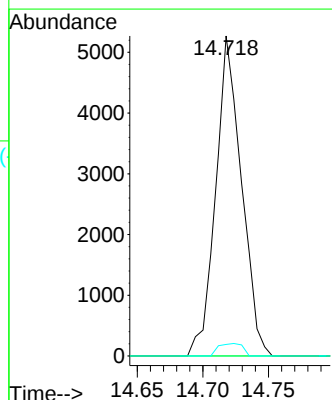
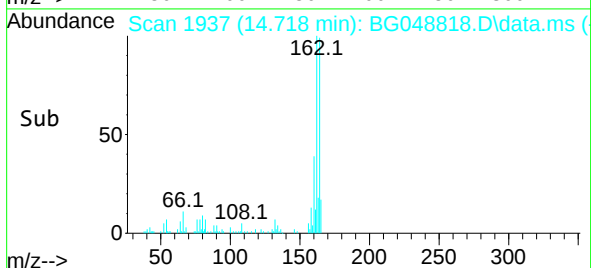
Tgt Ion:163 Resp: 12323
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 12.8 8.6 12.8

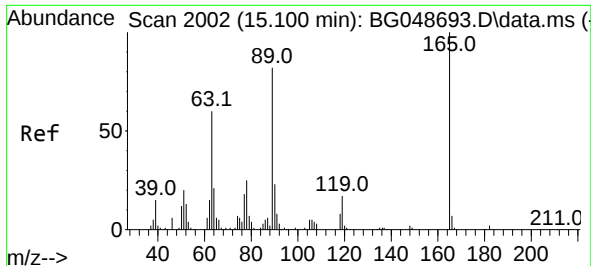


#51
2,6-Dinitrotoluene
Concen: 8.75 ng
RT: 14.718 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51



Tgt Ion:165 Resp: 7183
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.6 63.4 95.0#

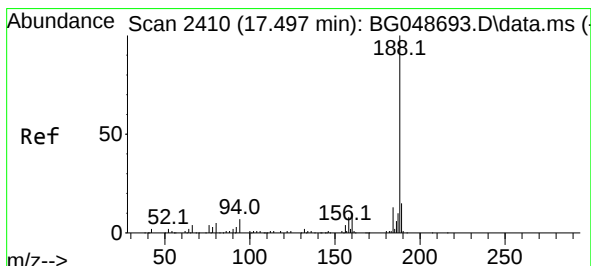
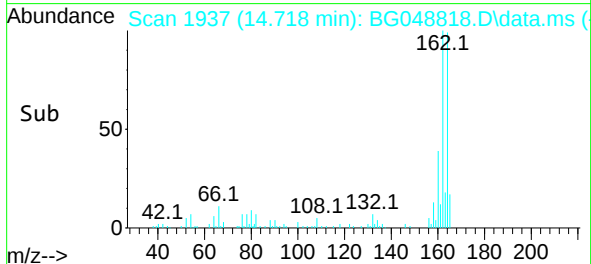
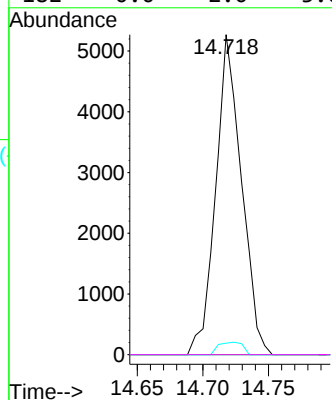
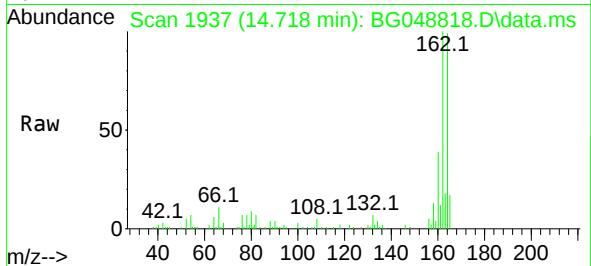




#57
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 14.718 min Scan# 1937
Delta R.T. -0.365 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

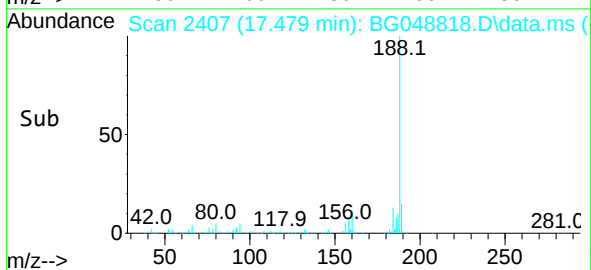
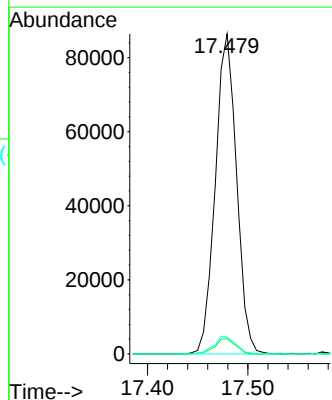
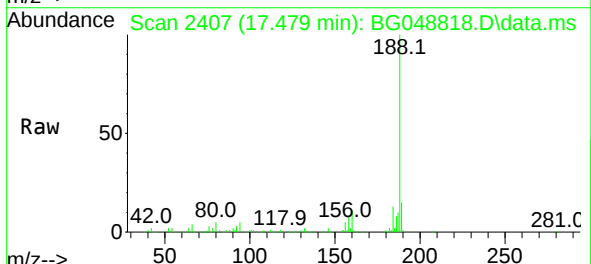
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-3

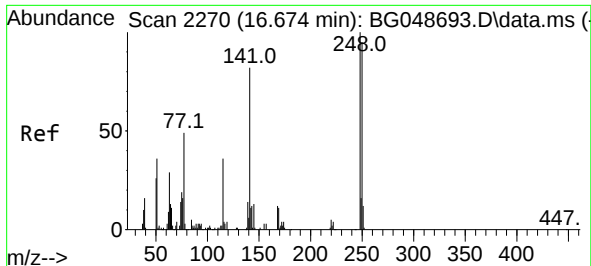
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Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.6 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.479 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

Tgt Ion:188 Resp: 126643
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 5.3 3.7 5.5

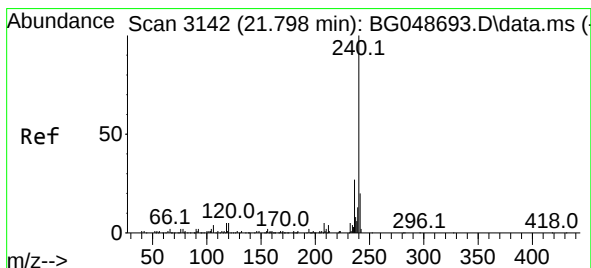
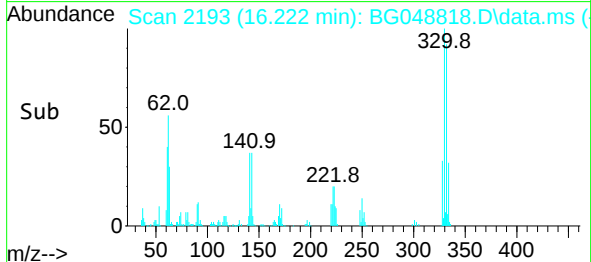
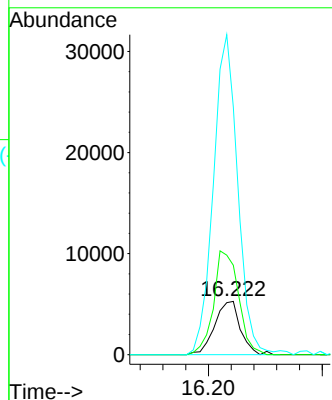
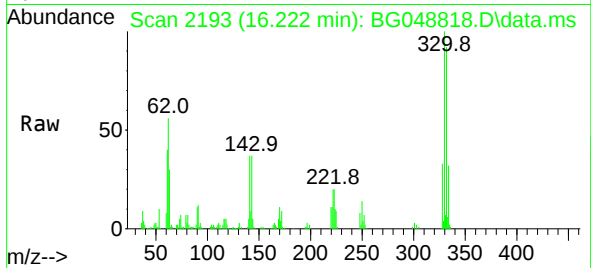




#67
4-Bromophenyl-phenylether
Concen: 5.70 ng
RT: 16.222 min Scan# 2193
Delta R.T. -0.441 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

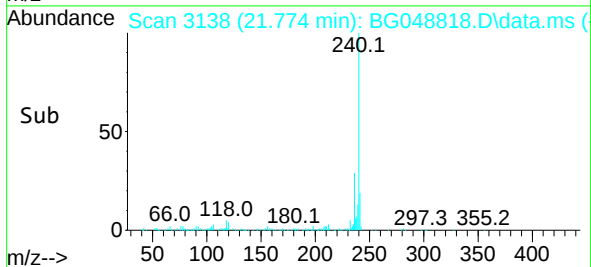
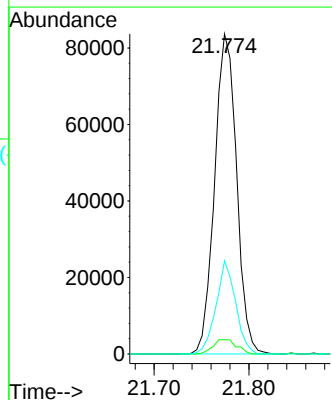
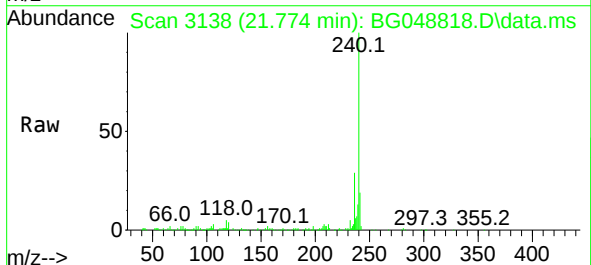
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-3

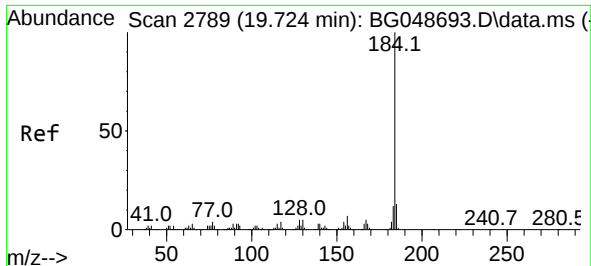
Tgt Ion:248 Resp: 8309
Ion Ratio Lower Upper
248 100
250 167.8 76.1 114.1#
141 464.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.774 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

Tgt Ion:240 Resp: 134767
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 29.1 21.8 32.6

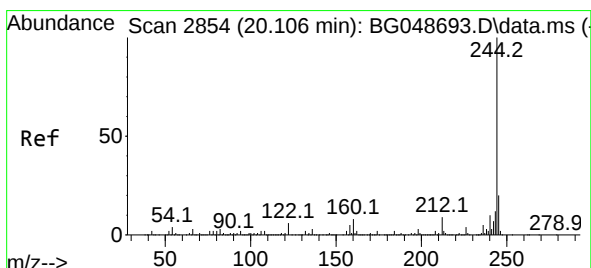
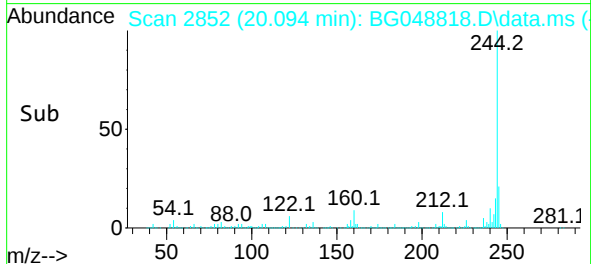
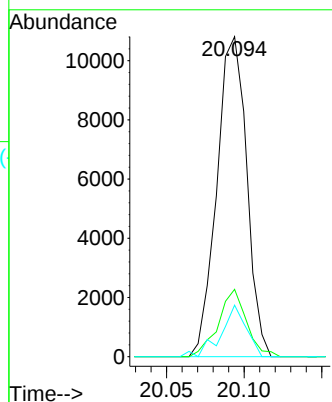
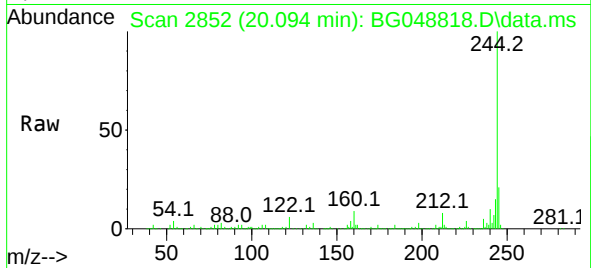




#77
Benzidine
Concen: 3.96 ng
RT: 20.094 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

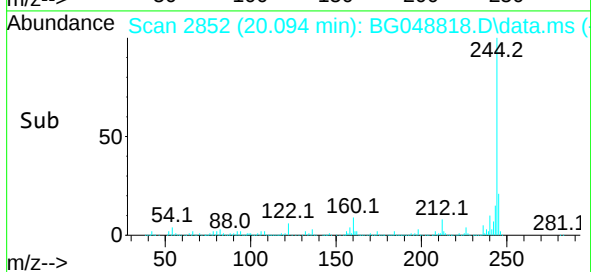
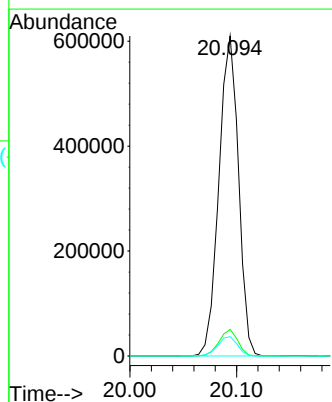
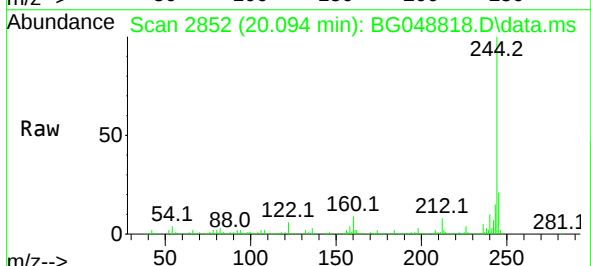
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-3

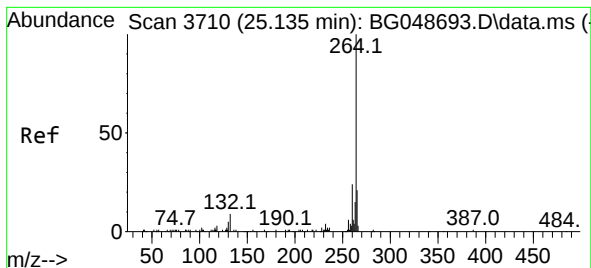
Tgt Ion:184 Resp: 14484
Ion Ratio Lower Upper
184 100
185 21.1 10.7 16.1#
183 16.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 98.95 ng
RT: 20.094 min Scan# 2852
Delta R.T. -0.000 min
Lab File: BG048818.D
Acq: 21 Apr 2021 13:51

Tgt Ion:244 Resp: 774801
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.1 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.106 min Scan# 3705
 Delta R.T. -0.006 min
 Lab File: BG048818.D
 Acq: 21 Apr 2021 13:51

Instrument :
 BNA_G
 ClientSampleId :
 SEDGWICK-COMP-3

Tgt Ion:264 Resp: 130111
 Ion Ratio Lower Upper
 264 100
 260 21.0 19.4 29.2
 265 20.6 16.9 25.3

