

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
 Data File : BG051095.D
 Acq On : 17 Nov 2021 17:00
 Operator : CG/JU
 Sample : M4693-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UT-COMP-02

Quant Time: Nov 18 00:03:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

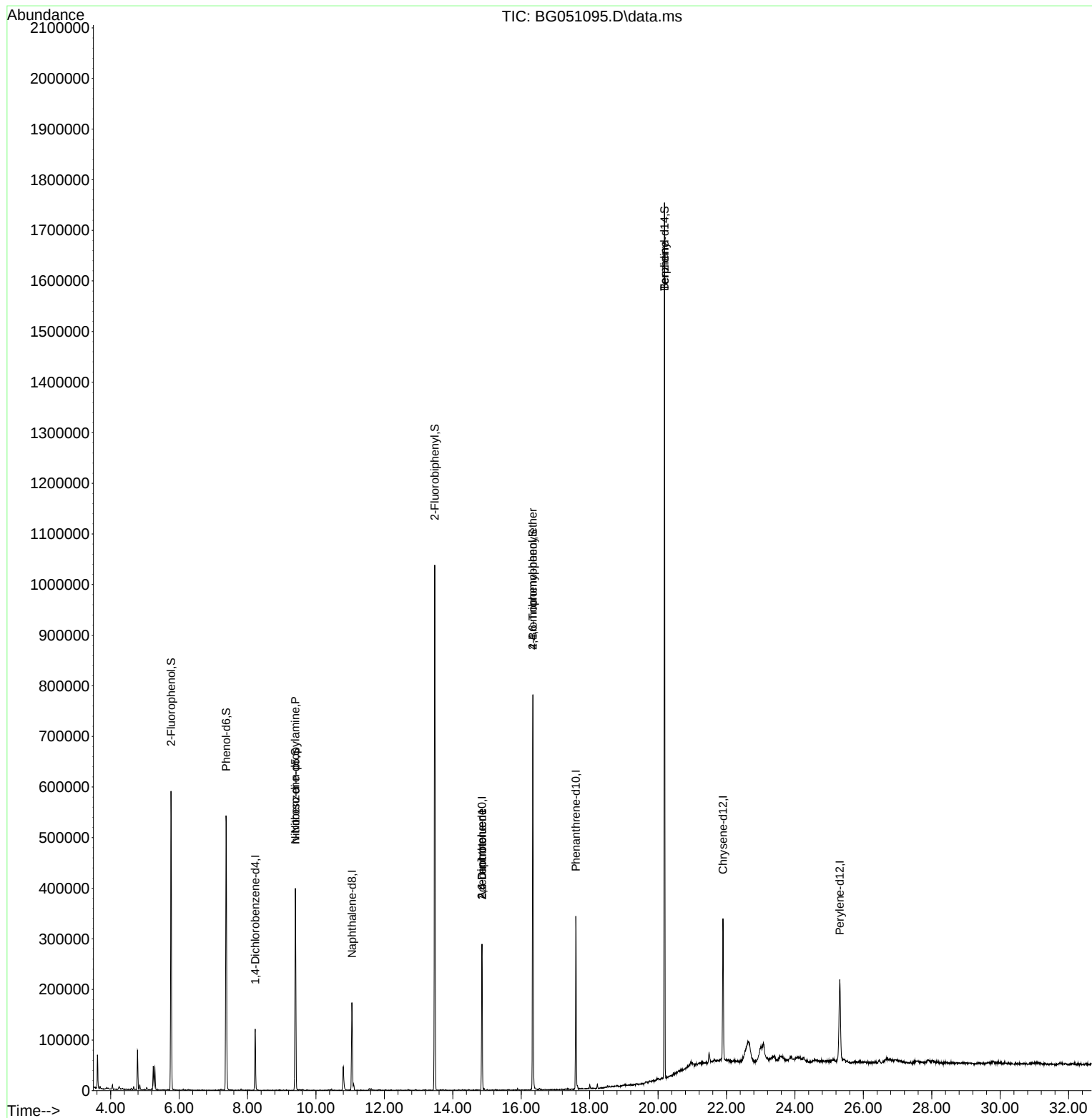
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	33930	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	148445	20.000	ng	# 0.00
39) Acenaphthene-d10	14.854	164	103463	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	215770	20.000	ng	# 0.00
76) Chrysene-d12	21.898	240	174281	20.000	ng	# 0.00
86) Perylene-d12	25.312	264	172039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	255602	112.690	ng	0.00
7) Phenol-d6	7.374	99	321932	100.558	ng	0.00
23) Nitrobenzene-d5	9.401	82	260897	77.800	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	131343	126.855	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	526767	80.445	ng	0.00
79) Terphenyl-d14	20.188	244	767047	80.533	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.401	70	36470	15.415	ng	# 67
51) 2,6-Dinitrotoluene	14.854	165	13418	8.009	ng	# 12
57) 2,4-Dinitrotoluene	14.854	165	13418	5.645	ng	# 17
67) 4-Bromophenyl-phenylether	16.340	248	9891	4.376	ng	# 1
77) Benzidine	20.188	184	13357	4.055	ng	# 91

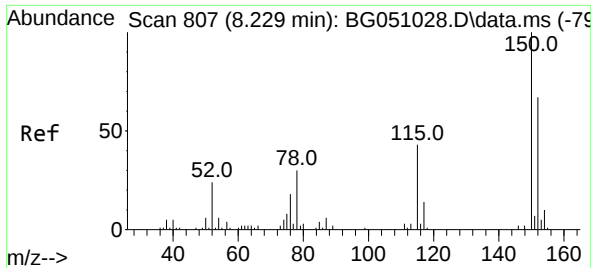
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051095.D
Acq On : 17 Nov 2021 17:00
Operator : CG/JU
Sample : M4693-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Time: Nov 18 00:03:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

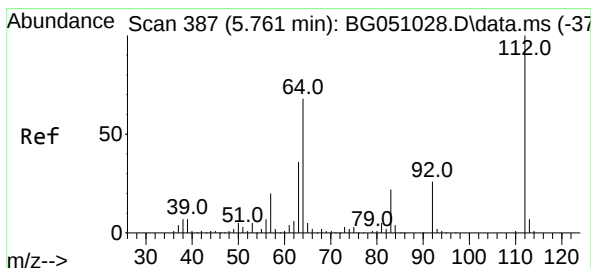
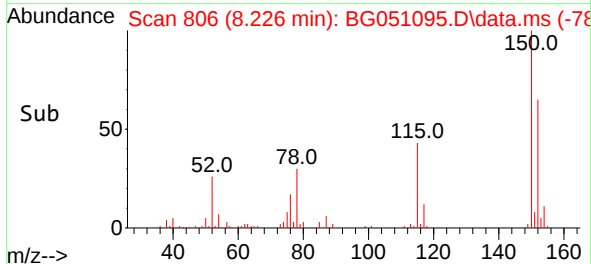
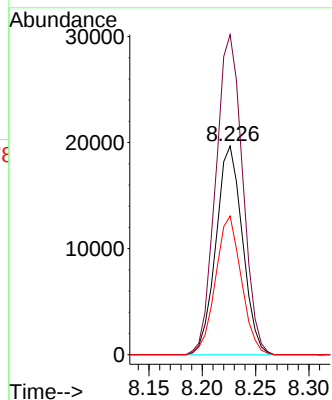
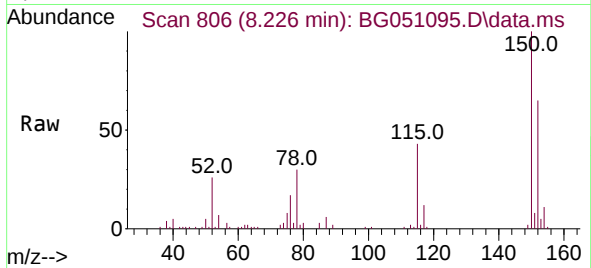




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 807
Delta R.T. -0.003 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

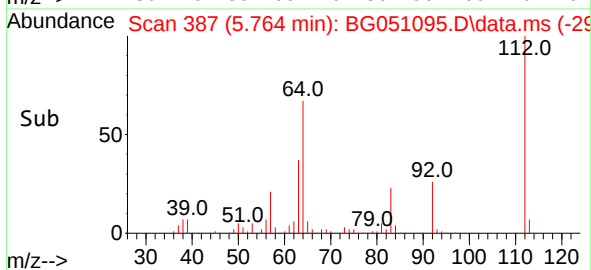
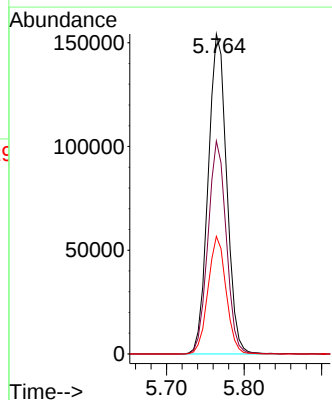
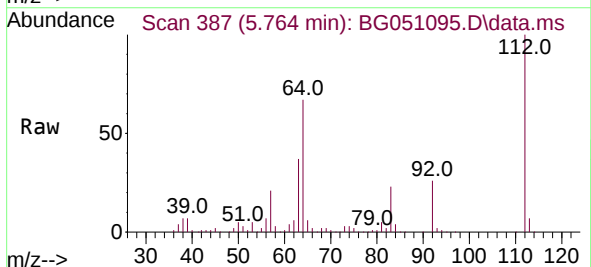
Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

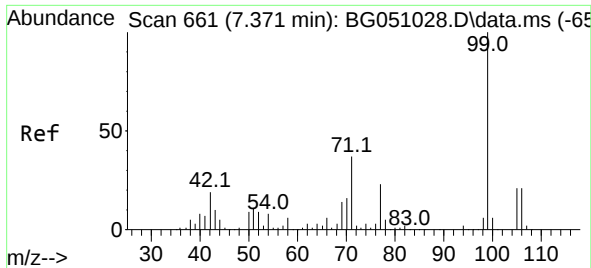
Tgt Ion:152 Resp: 33930
Ion Ratio Lower Upper
152 100
150 153.4 119.4 179.0
115 66.5 60.2 90.4



#5
2-Fluorophenol
Concen: 112.690 ng
RT: 5.764 min Scan# 387
Delta R.T. 0.003 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

Tgt Ion:112 Resp: 255602
Ion Ratio Lower Upper
112 100
64 66.6 46.7 70.1
63 36.7 35.3 52.9

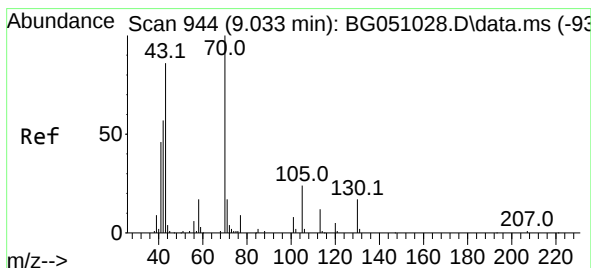
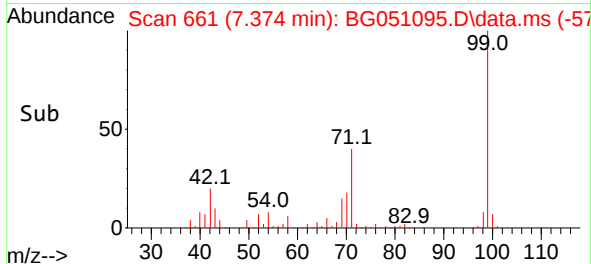
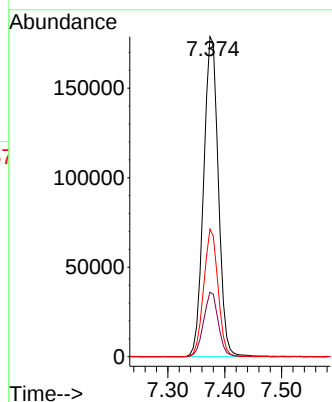
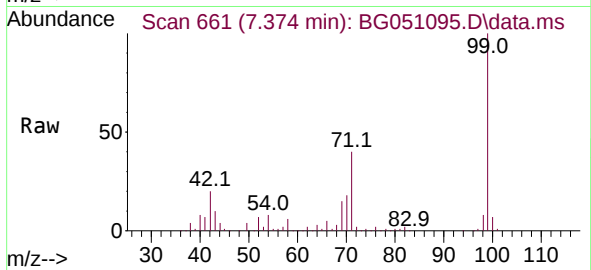




#7
Phenol-d6
Concen: 100.558 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

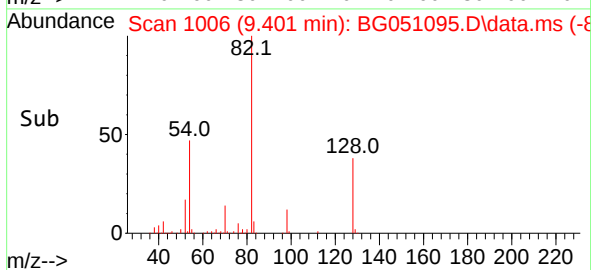
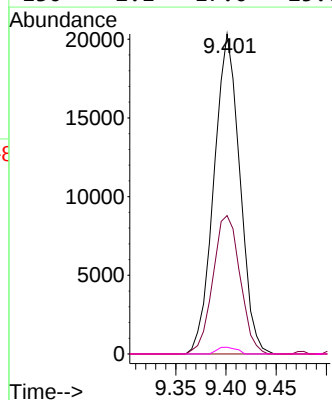
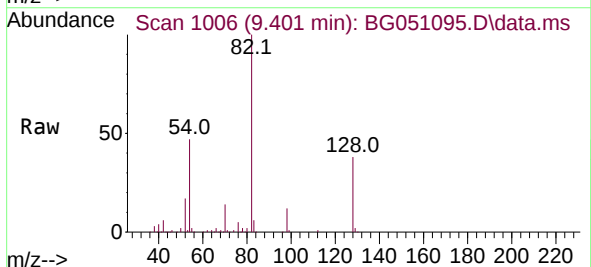
Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

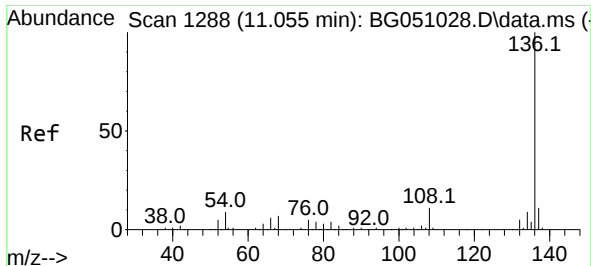
Tgt Ion: 99 Resp: 321932
Ion Ratio Lower Upper
99 100
42 20.2 20.5 30.7#
71 39.8 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.415 ng
RT: 9.401 min Scan# 1006
Delta R.T. 0.368 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

Tgt Ion: 70 Resp: 36470
Ion Ratio Lower Upper
70 100
42 43.3 54.5 81.7#
101 0.0 9.0 13.6#
130 2.1 17.0 25.6#

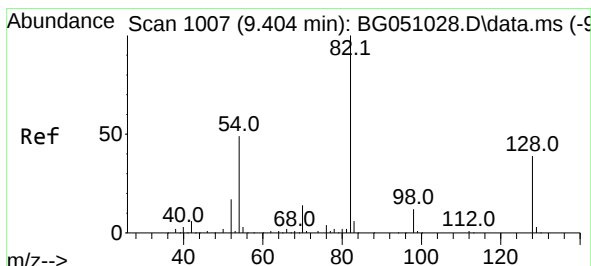
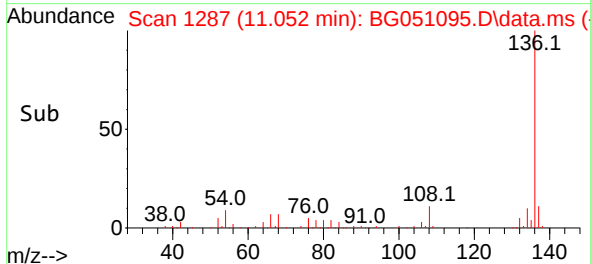
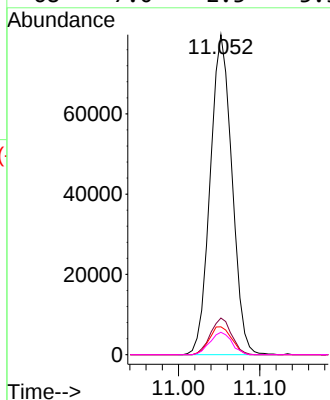
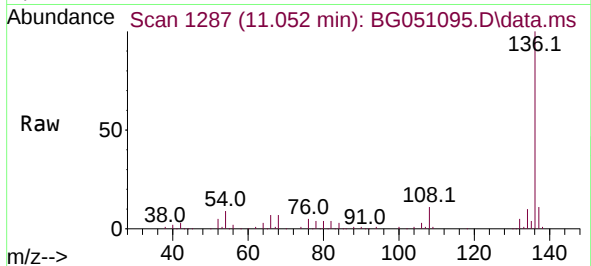




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 1106
Delta R.T. -0.003 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

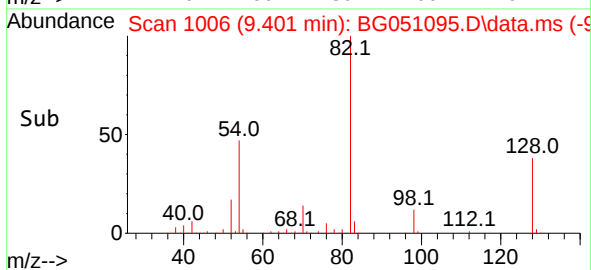
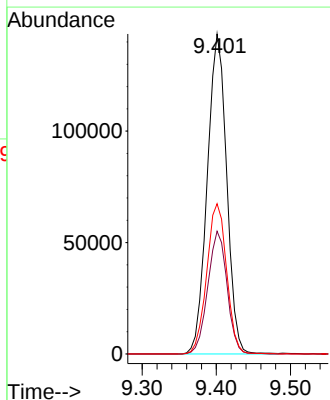
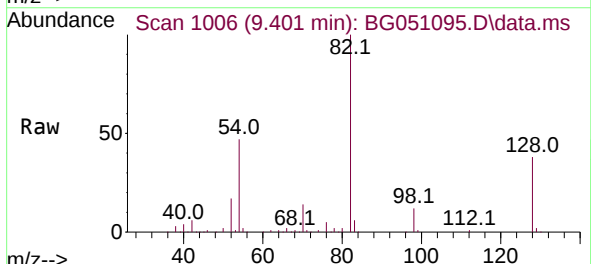
Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

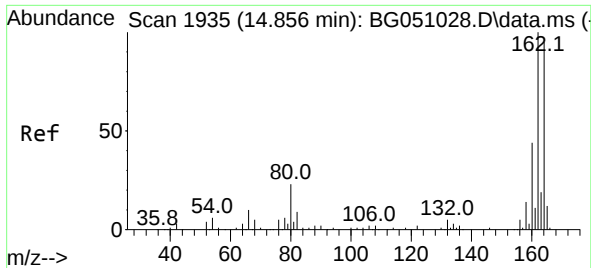
Tgt Ion:	136	Resp:	148445
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.2	12.2
54	8.7	5.5	8.3#
68	7.0	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 77.800 ng
RT: 9.401 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

Tgt Ion:	82	Resp:	260897
Ion Ratio	Lower	Upper	
82	100		
128	38.4	29.8	44.6
54	47.0	45.8	68.8

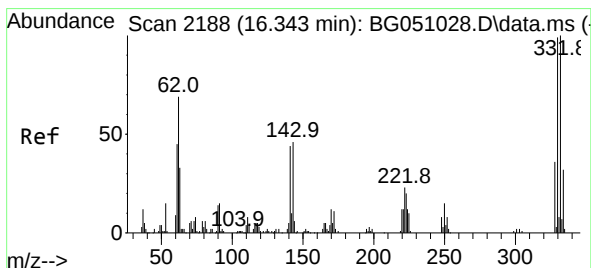
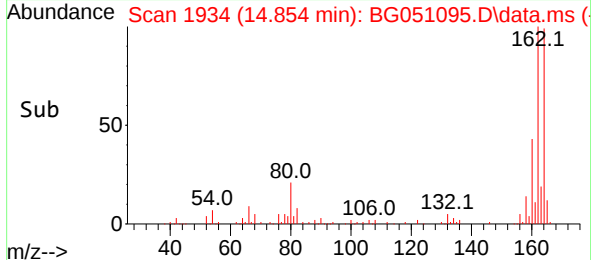
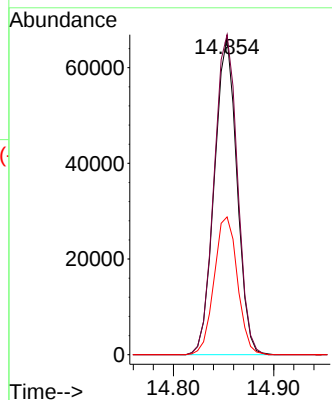
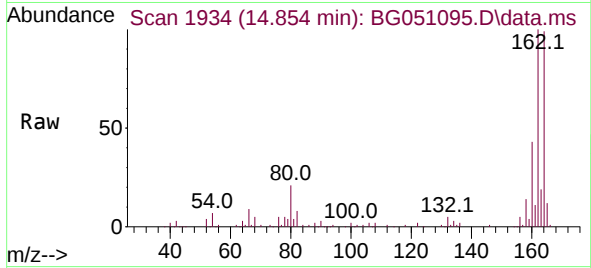




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.854 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

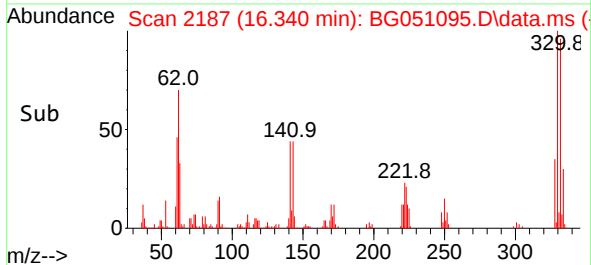
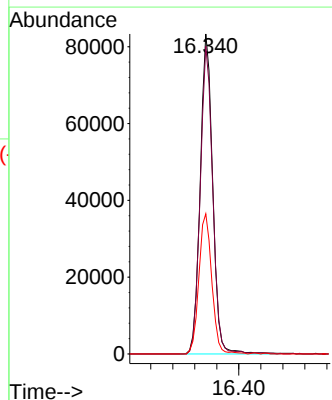
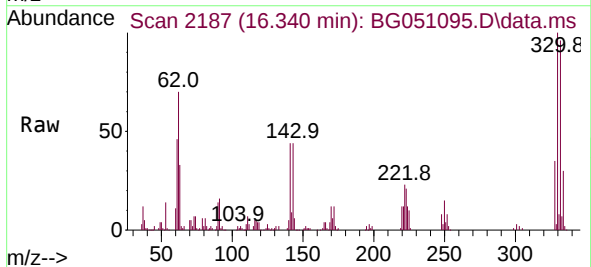
Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

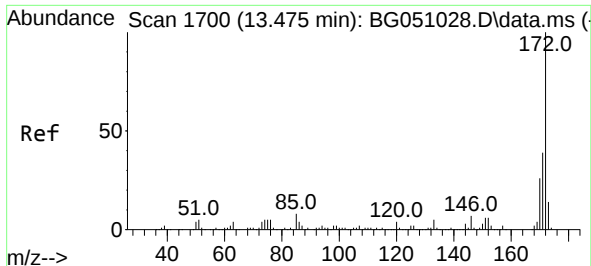
Tgt Ion:164 Resp: 103463
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 43.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 126.855 ng
RT: 16.340 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

Tgt Ion:330 Resp: 131343
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 45.2 35.6 53.4

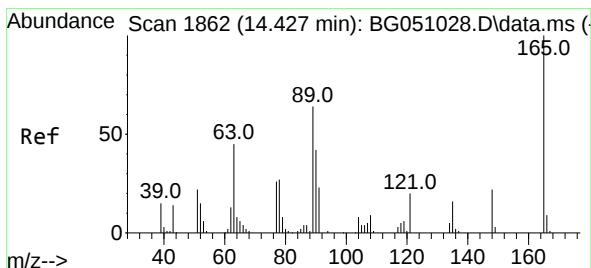
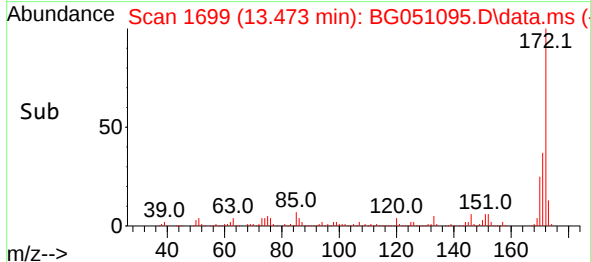
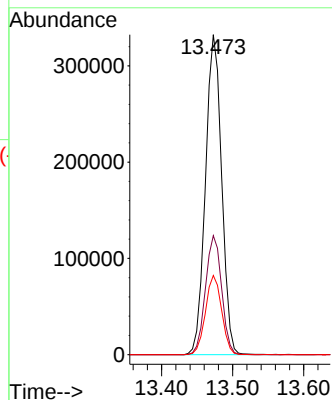
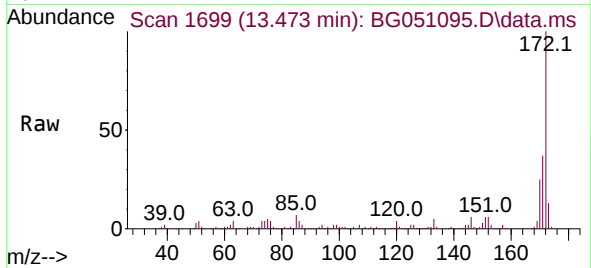




#45
2-Fluorobiphenyl
Concen: 80.445 ng
RT: 13.473 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

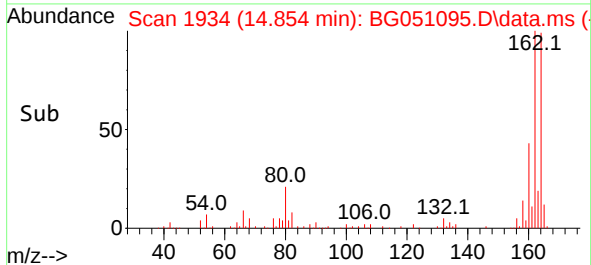
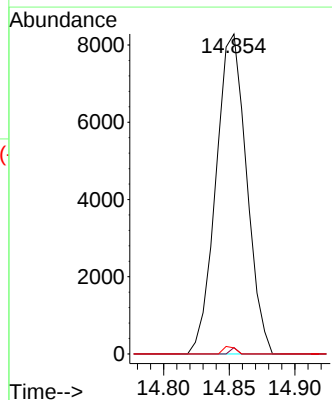
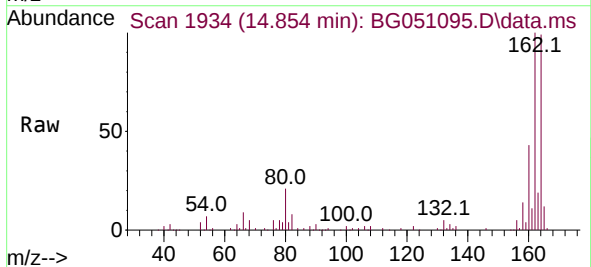
Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

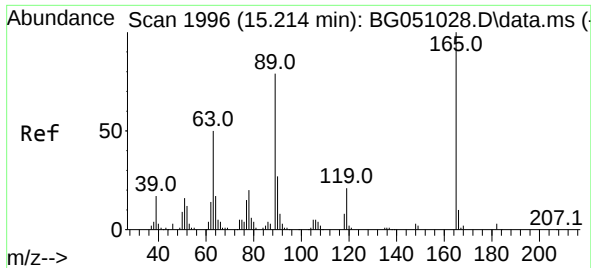
Tgt Ion:172 Resp: 526767
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.009 ng
RT: 14.854 min Scan# 1934
Delta R.T. 0.427 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

Tgt Ion:165 Resp: 13418
Ion Ratio Lower Upper
165 100
63 2.0 63.3 94.9#
89 1.9 63.4 95.0#

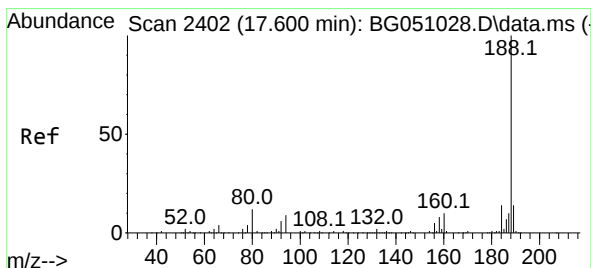
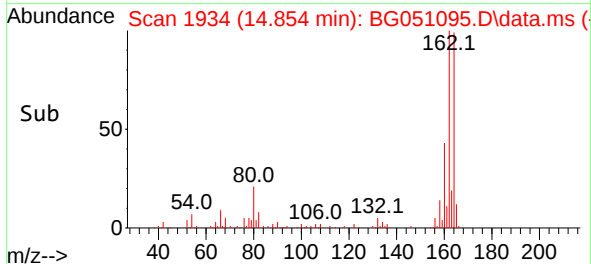
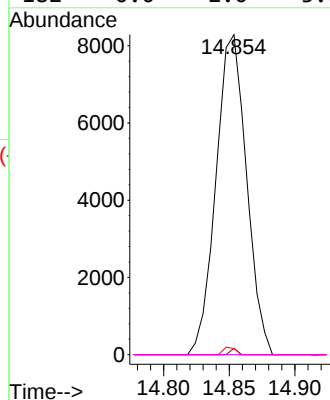
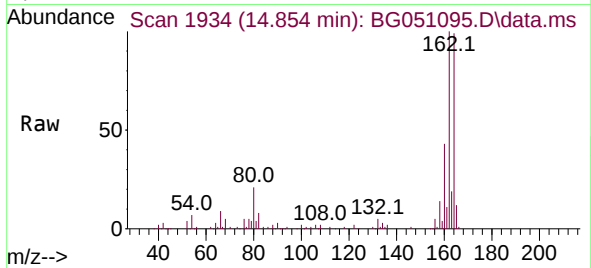




#57
2,4-Dinitrotoluene
Concen: 5.645 ng
RT: 14.854 min Scan# 1934
Delta R.T. -0.361 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

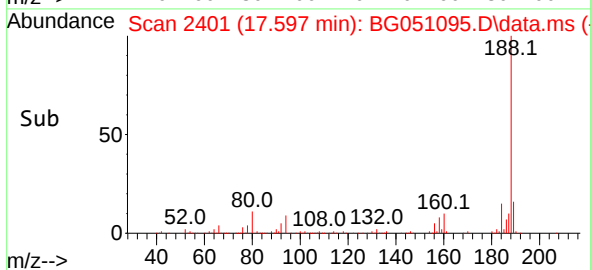
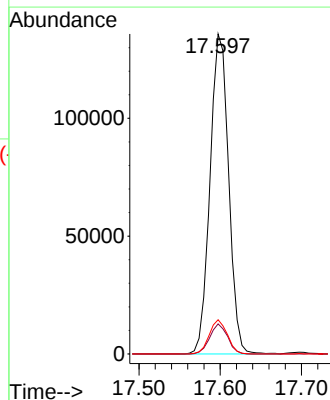
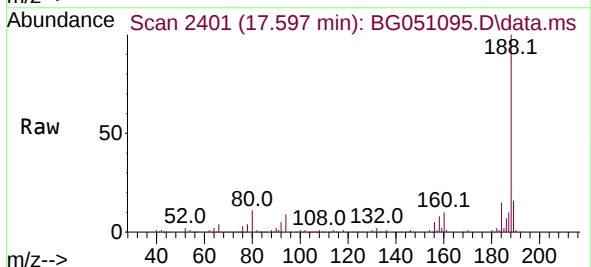
Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

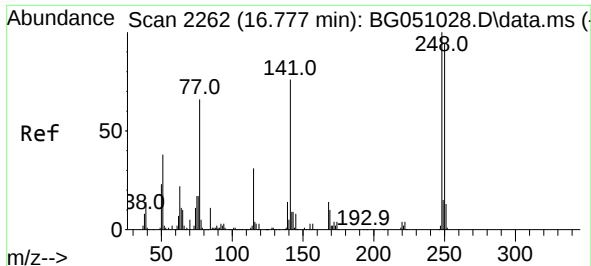
Tgt Ion:165	Resp:	13418
Ion Ratio	Lower	Upper
165	100	
63	2.0	48.0 72.0#
89	1.9	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.597 min Scan# 2401
Delta R.T. -0.003 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

Tgt Ion:188	Resp:	215770
Ion Ratio	Lower	Upper
188	100	
94	9.4	5.4 8.0#
80	10.7	3.7 5.5#

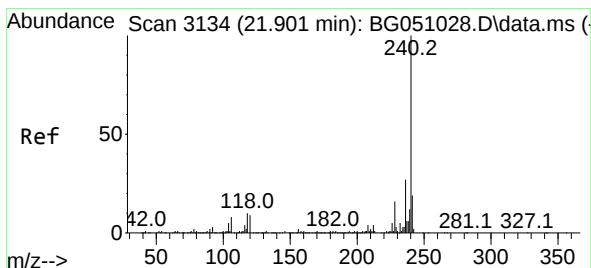
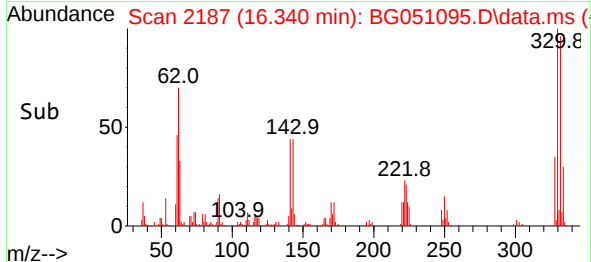
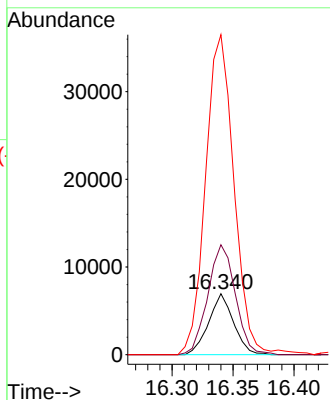
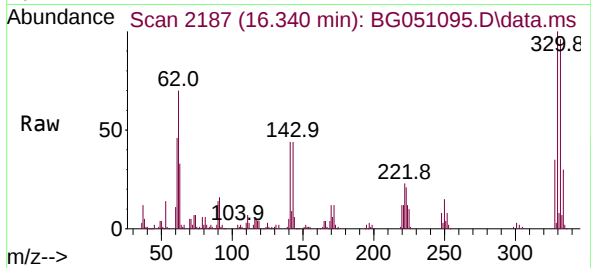




#67
4-Bromophenyl-phenylether
Concen: 4.376 ng
RT: 16.340 min Scan# 2187
Delta R.T. -0.437 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

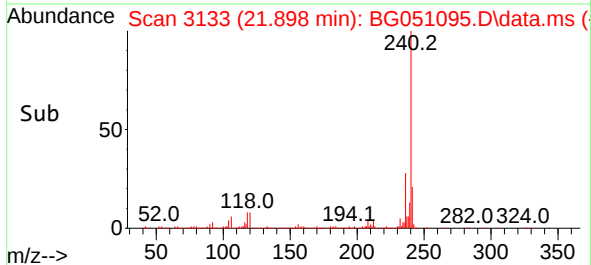
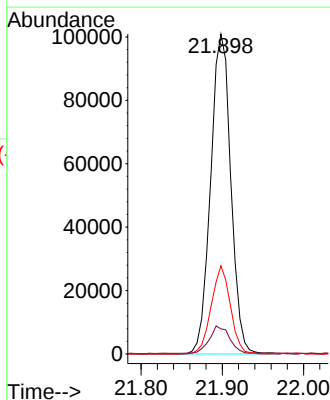
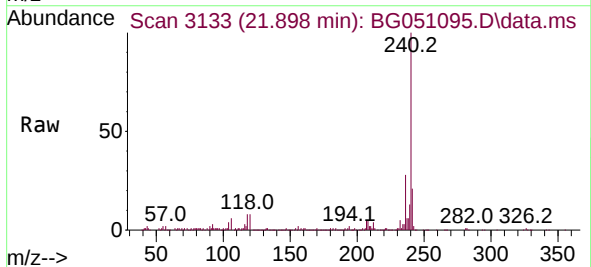
Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

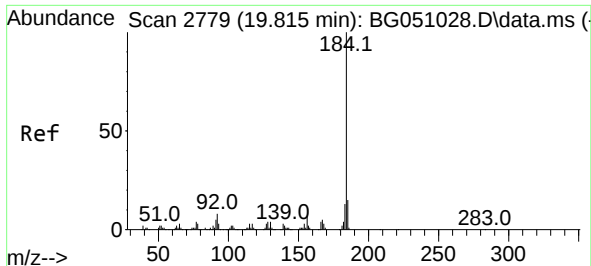
Tgt Ion:248 Resp: 9891
Ion Ratio Lower Upper
248 100
250 180.2 76.1 114.1#
141 524.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

Tgt Ion:240 Resp: 174281
Ion Ratio Lower Upper
240 100
120 7.8 4.2 6.2#
236 27.6 21.8 32.6

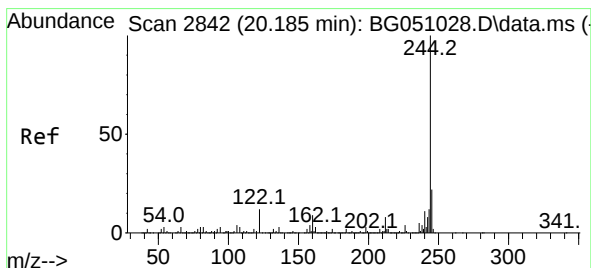
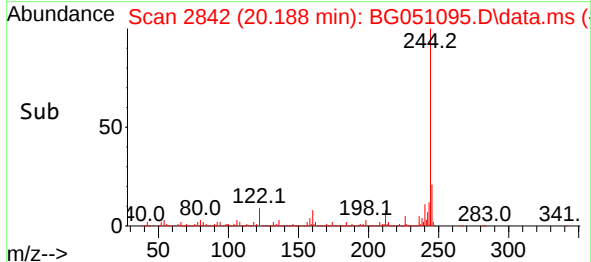
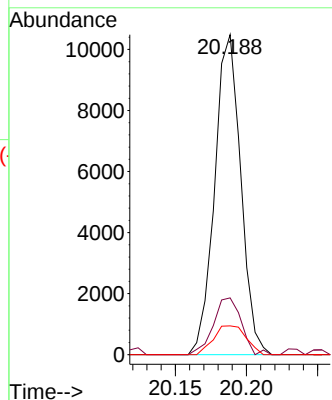
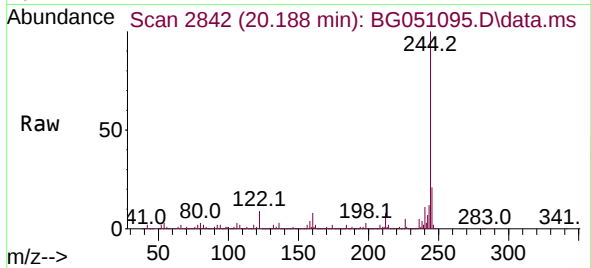




#77
Benzidine
Concen: 4.055 ng
RT: 20.188 min Scan# 2842
Delta R.T. 0.373 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

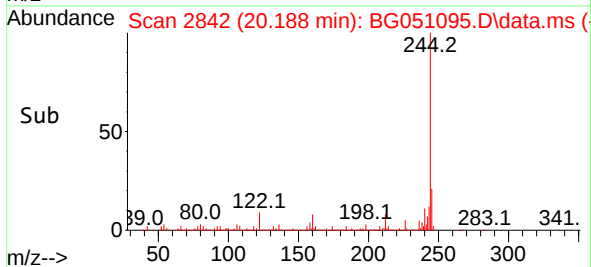
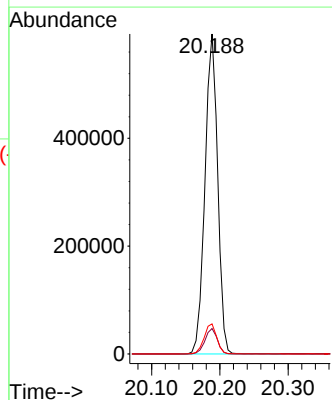
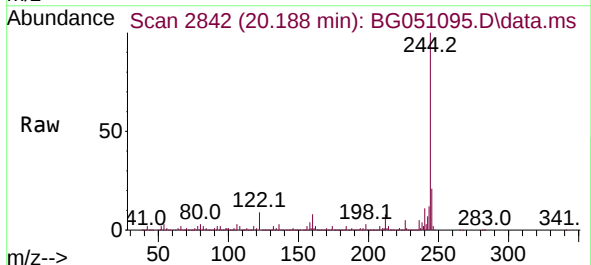
Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

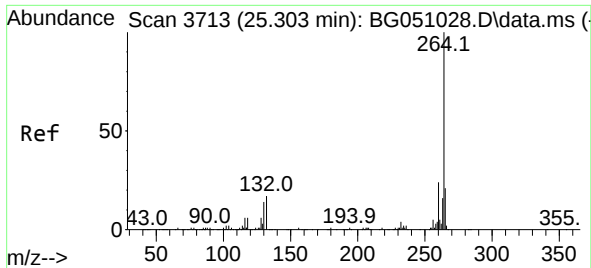
Tgt Ion:184 Resp: 13357
Ion Ratio Lower Upper
184 100
185 17.8 10.7 16.1#
183 9.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 80.533 ng
RT: 20.188 min Scan# 2842
Delta R.T. 0.003 min
Lab File: BG051095.D
Acq: 17 Nov 2021 17:00

Tgt Ion:244 Resp: 767047
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 9.4 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.312 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BG051095.D
 Acq: 17 Nov 2021 17:00

Instrument :
 BNA_G
 ClientSampleId :
 UT-COMP-02

Tgt Ion:264 Resp: 172039
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.3 16.9 25.3

