

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051176.D
 Acq On : 22 Nov 2021 18:54
 Operator : CG/JU
 Sample : M4770-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-3

Quant Time: Nov 23 00:51:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

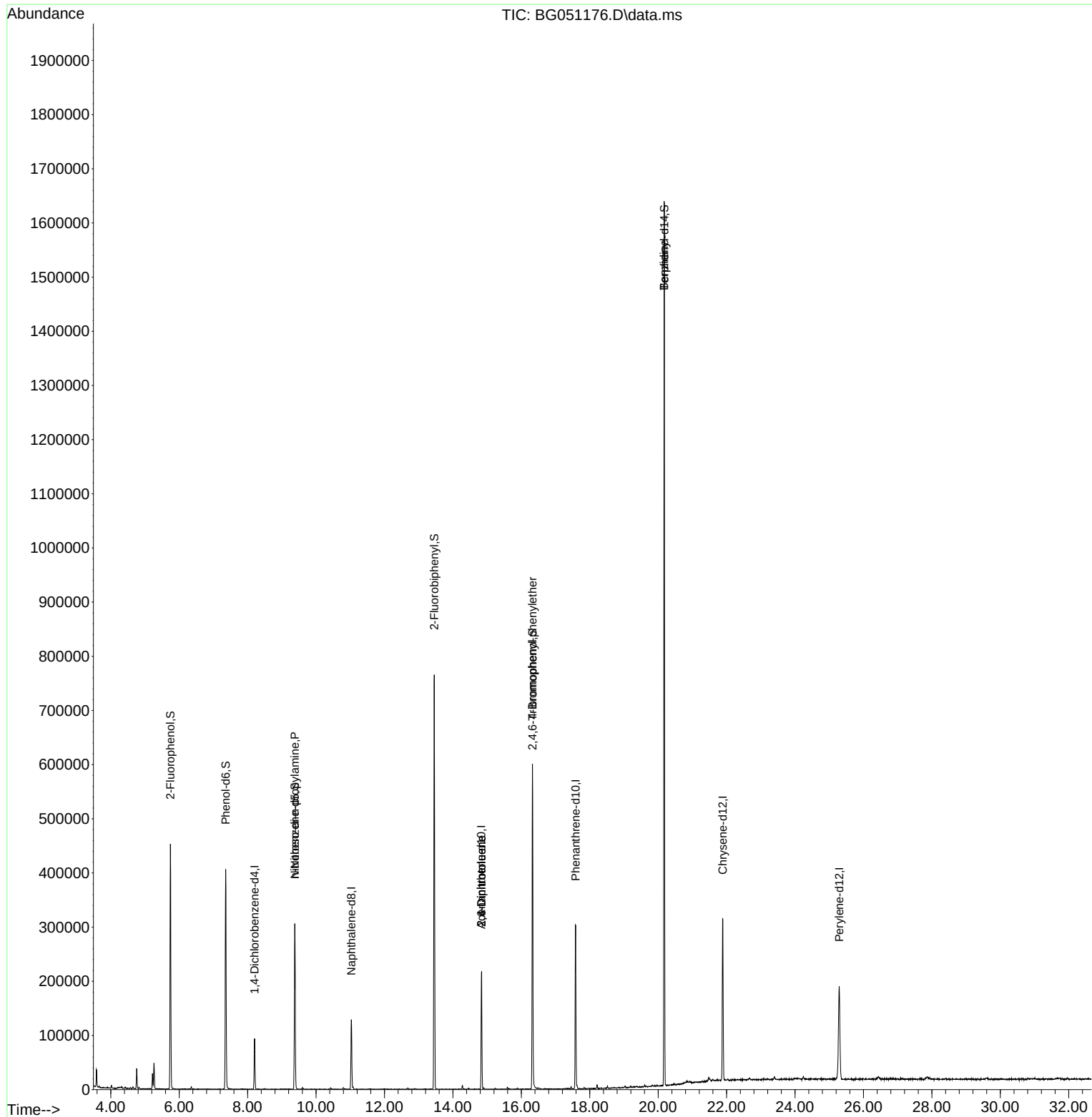
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	25532	20.000	ng	0.00
21) Naphthalene-d8	11.031	136	111481	20.000	ng	# 0.00
39) Acenaphthene-d10	14.832	164	78677	20.000	ng	0.00
64) Phenanthrene-d10	17.588	188	199209	20.000	ng	# 0.00
76) Chrysene-d12	21.889	240	191857	20.000	ng	# 0.00
86) Perylene-d12	25.291	264	186579	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	196828	119.170	ng	0.00
7) Phenol-d6	7.359	99	240351	103.320	ng	0.00
23) Nitrobenzene-d5	9.380	82	200911	82.268	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	100801	120.542	ng	0.00
45) 2-Fluorobiphenyl	13.457	172	399838	76.686	ng	0.00
79) Terphenyl-d14	20.179	244	777254	74.060	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.380	70	27634	16.093	ng	# 69
51) 2,6-Dinitrotoluene	14.838	165	10205	8.061	ng	# 10
57) 2,4-Dinitrotoluene	14.838	165	10205	5.627	ng	# 15
67) 4-Bromophenyl-phenylether	16.325	248	7633	3.543	ng	# 1
77) Benzidine	20.173	184	13251	4.206	ng	# 93

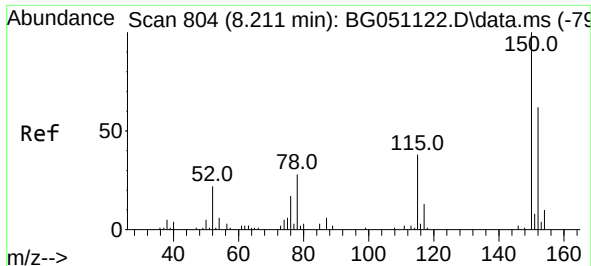
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

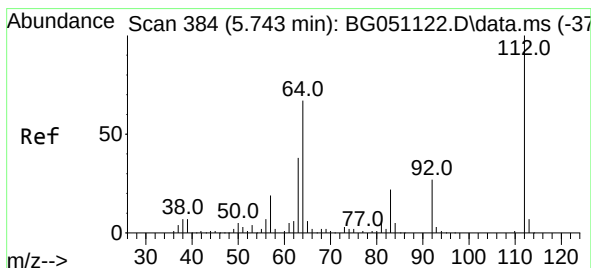
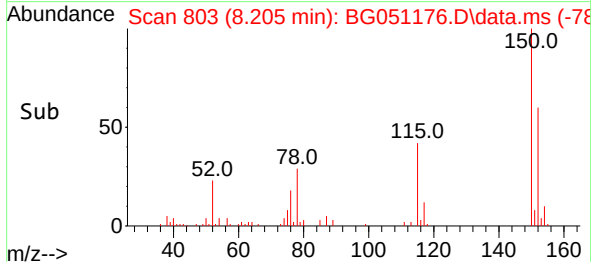
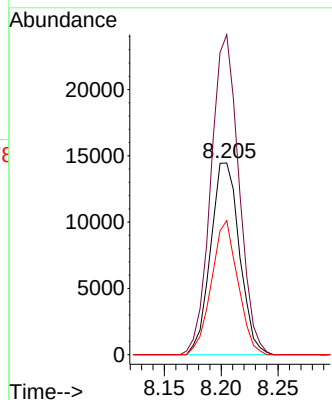
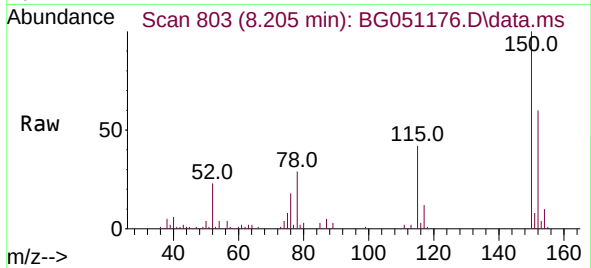




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

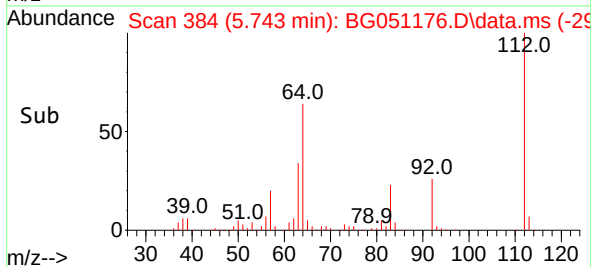
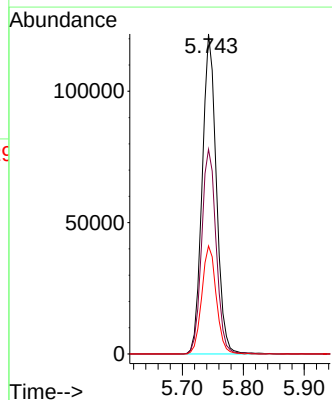
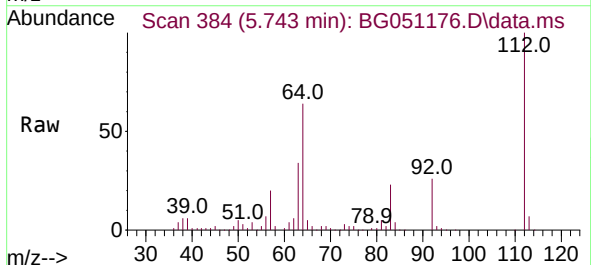
Instrument :
BNA_G
ClientSampleId :
CC-3

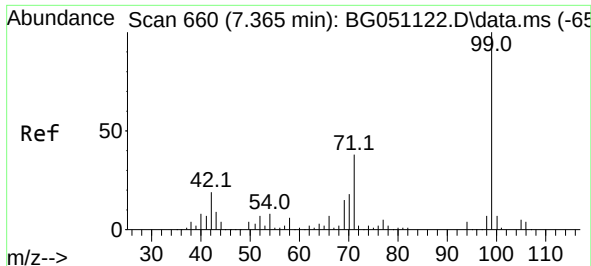
Tgt Ion:152 Resp: 25532
Ion Ratio Lower Upper
152 100
150 166.9 119.4 179.0
115 69.9 60.2 90.4



#5
2-Fluorophenol
Concen: 119.170 ng
RT: 5.743 min Scan# 384
Delta R.T. -0.000 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

Tgt Ion:112 Resp: 196828
Ion Ratio Lower Upper
112 100
64 63.9 46.7 70.1
63 33.8 35.3 52.9#

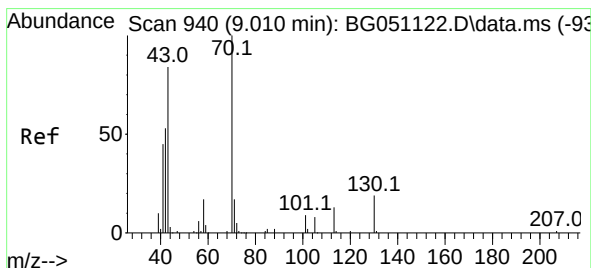
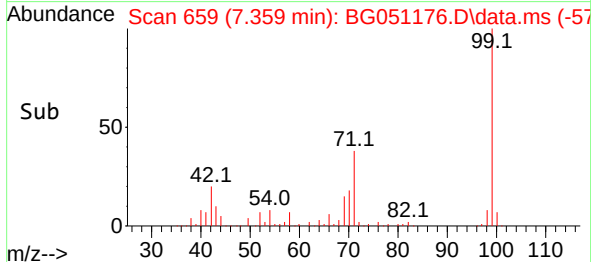
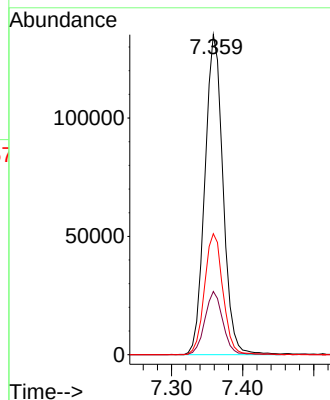
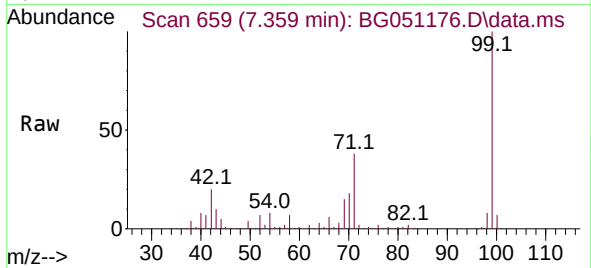




#7
Phenol-d6
Concen: 103.320 ng
RT: 7.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

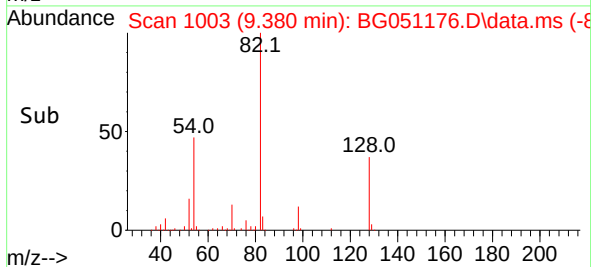
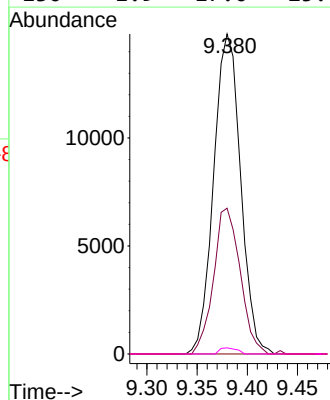
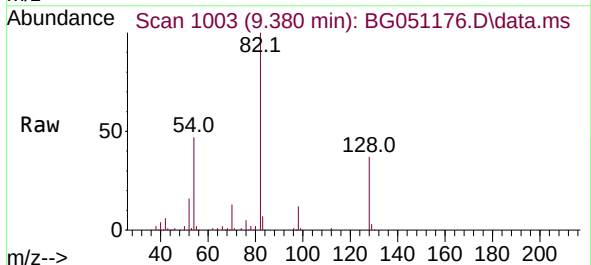
Instrument :
BNA_G
ClientSampleId :
CC-3

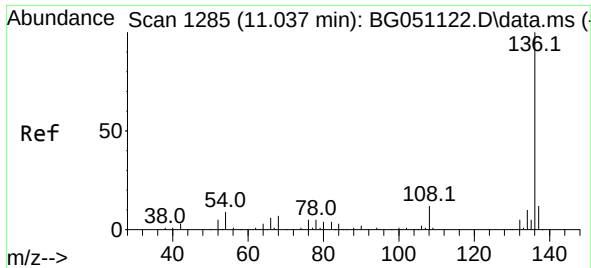
Tgt Ion: 99 Resp: 240351
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 37.8 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.093 ng
RT: 9.380 min Scan# 1003
Delta R.T. 0.370 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

Tgt Ion: 70 Resp: 27634
Ion Ratio Lower Upper
70 100
42 45.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#

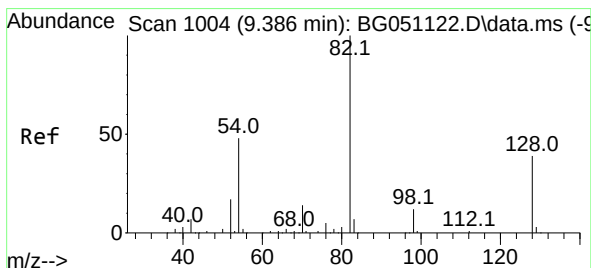
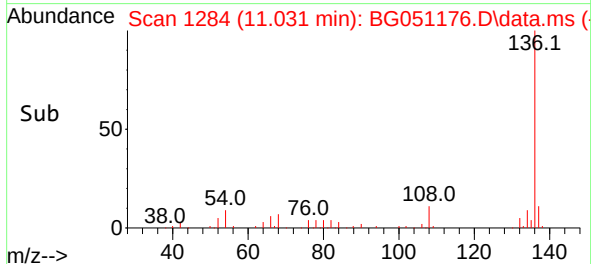
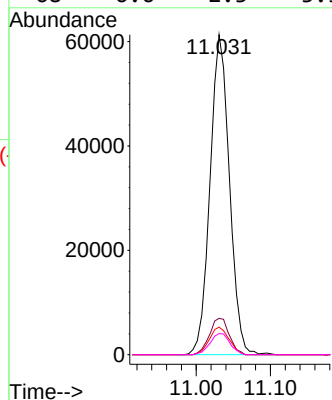
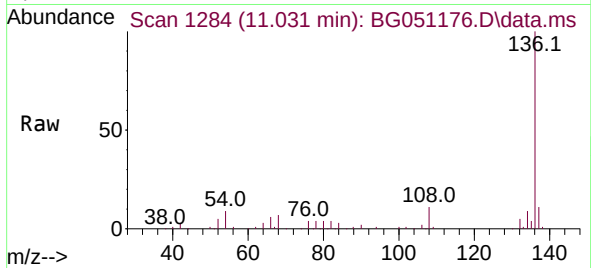




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.031 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

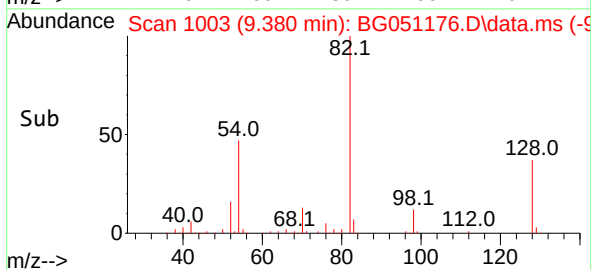
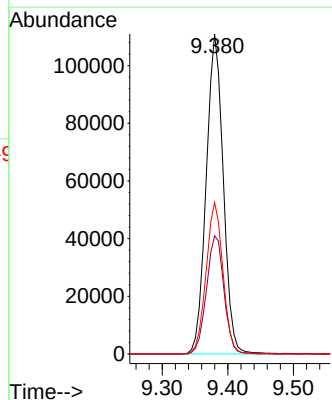
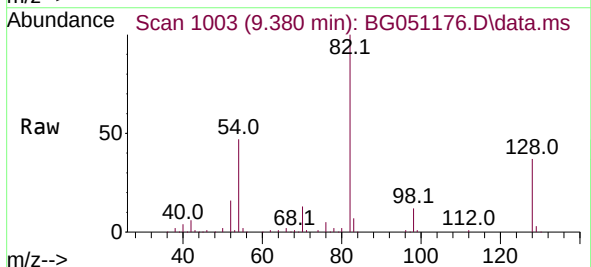
Instrument :
BNA_G
ClientSampleId :
CC-3

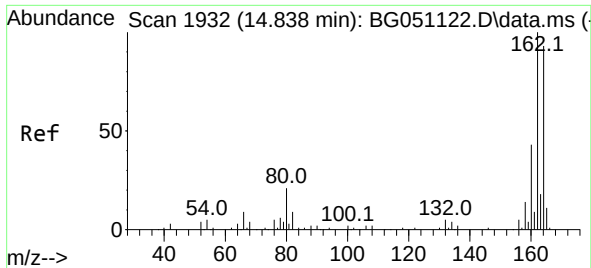
Tgt Ion:	136	Resp:	111481
Ion Ratio	100	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	8.6	5.5	8.3#
68	6.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 82.268 ng
RT: 9.380 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

Tgt Ion:	82	Resp:	200911
Ion Ratio	100	Lower	Upper
82	100		
128	36.9	29.8	44.6
54	47.3	45.8	68.8

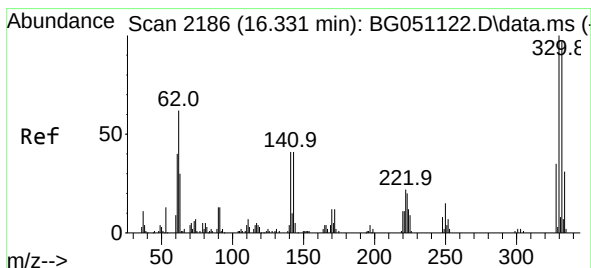
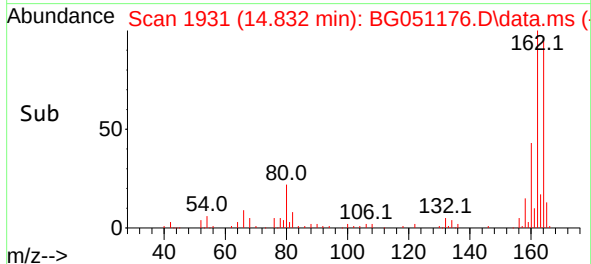
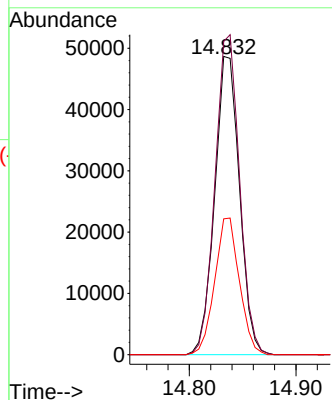
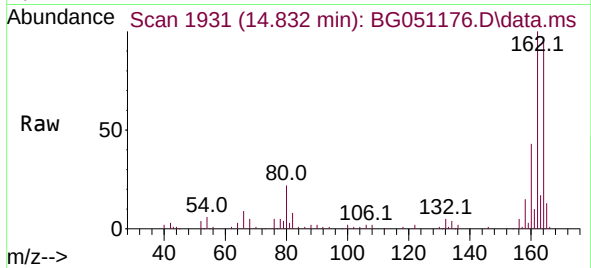




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.832 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

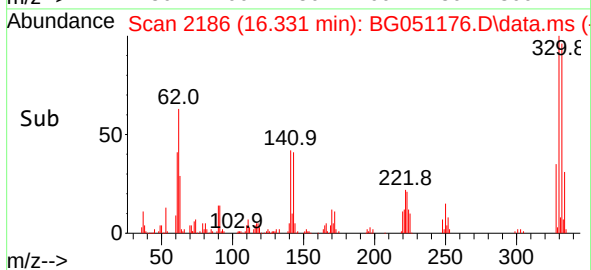
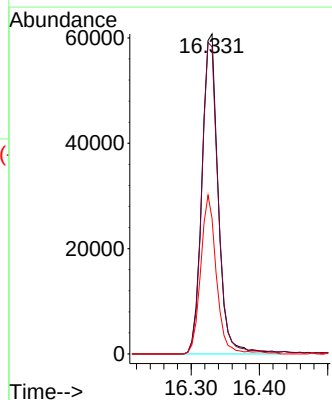
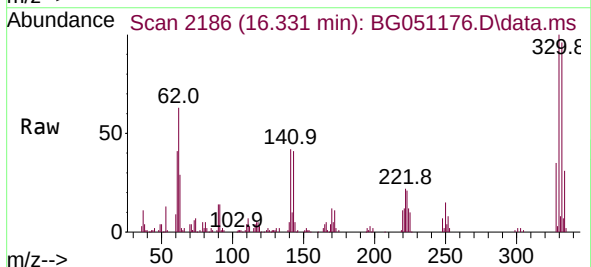
Instrument :
BNA_G
ClientSampleId :
CC-3

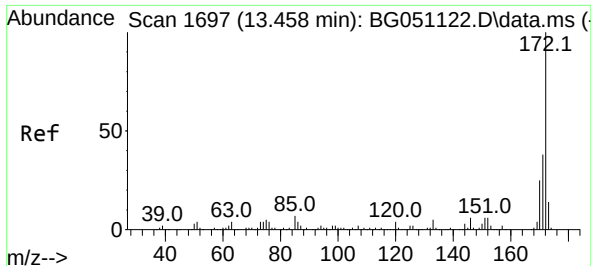
Tgt Ion:164 Resp: 78677
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.0
160 45.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 120.542 ng
RT: 16.331 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

Tgt Ion:330 Resp: 100801
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 48.1 35.6 53.4

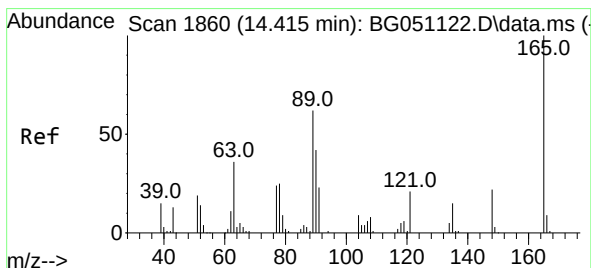
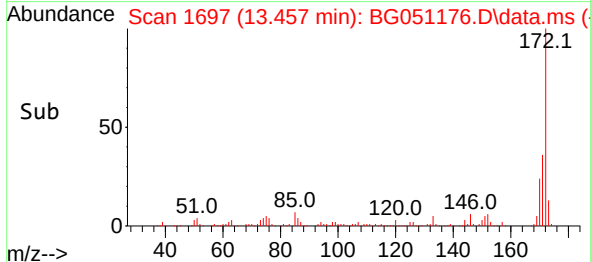
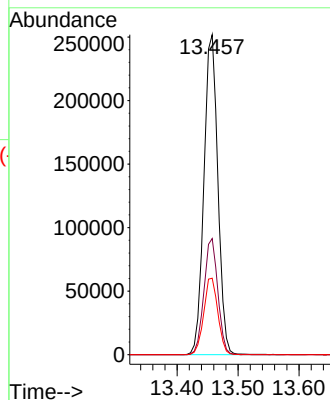
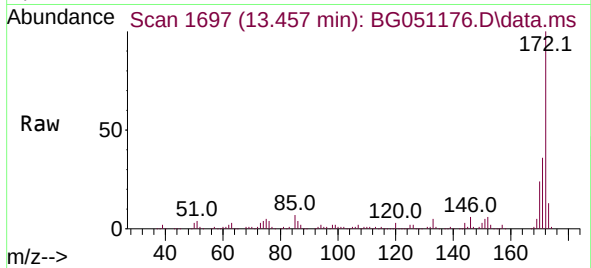




#45
2-Fluorobiphenyl
Concen: 76.686 ng
RT: 13.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

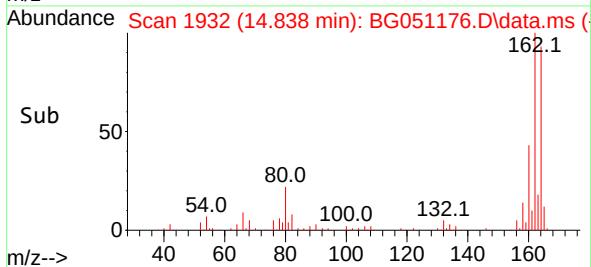
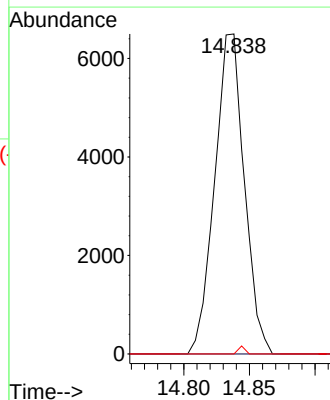
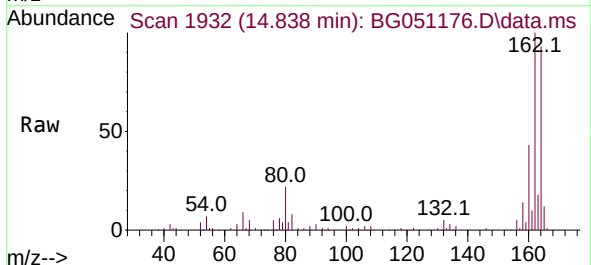
Instrument :
BNA_G
ClientSampleId :
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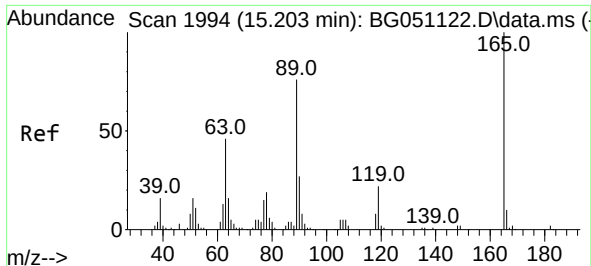
Tgt Ion:172 Resp: 399838
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.061 ng
RT: 14.838 min Scan# 1932
Delta R.T. 0.423 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

Tgt Ion:165 Resp: 10205
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

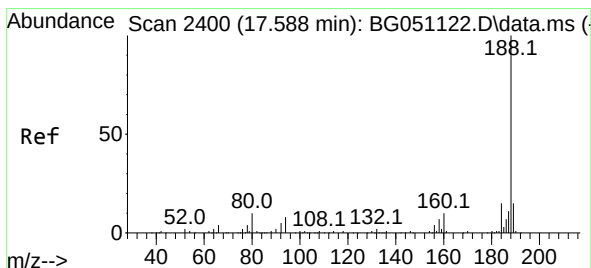
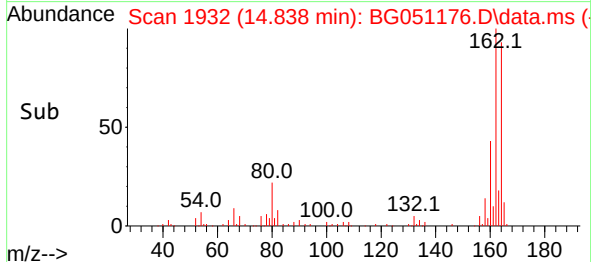
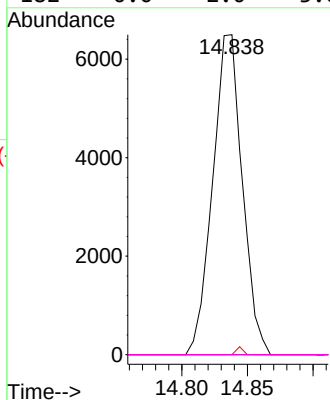
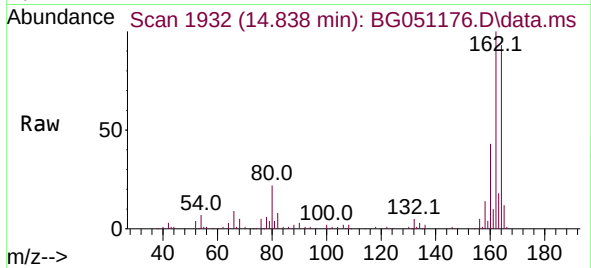




#57
2,4-Dinitrotoluene
Concen: 5.627 ng
RT: 14.838 min Scan# 1994
Delta R.T. -0.365 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

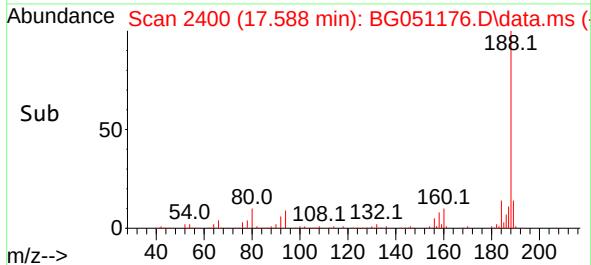
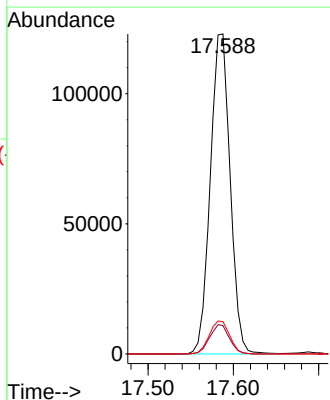
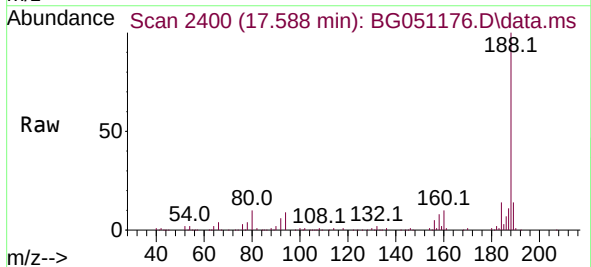
Instrument :
BNA_G
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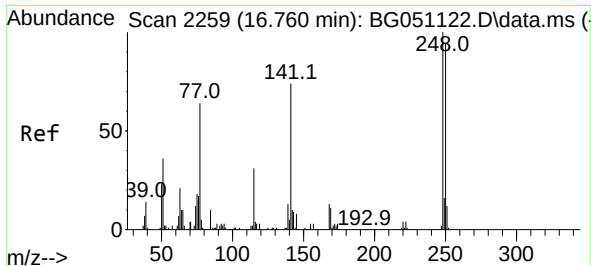
Tgt Ion:165	Resp:	10205
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.588 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

Tgt Ion:188	Resp:	199209
Ion Ratio	Lower	Upper
188	100	
94	8.9	5.4 8.0#
80	10.1	3.7 5.5#

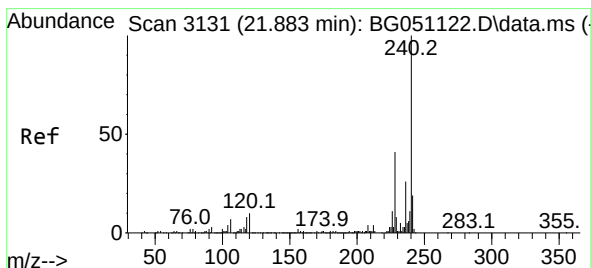
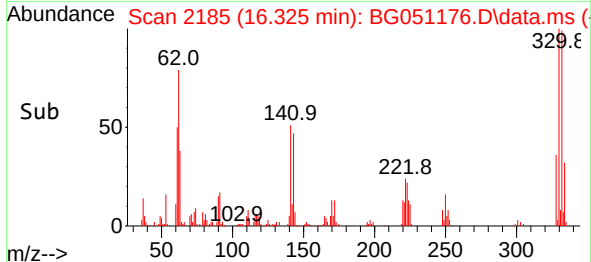
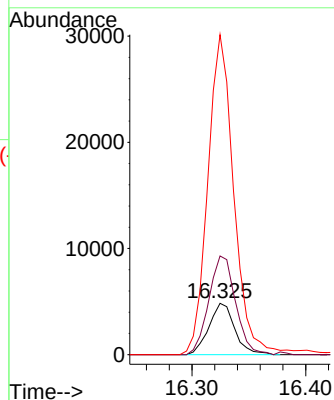
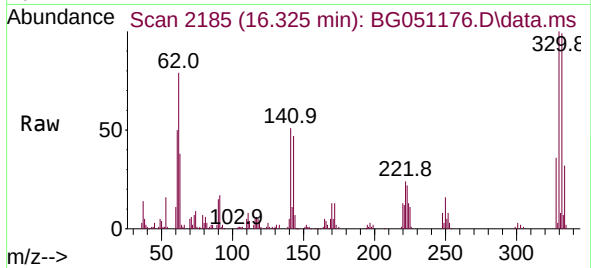




#67
4-Bromophenyl-phenylether
Concen: 3.543 ng
RT: 16.325 min Scan# 2185
Delta R.T. -0.435 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

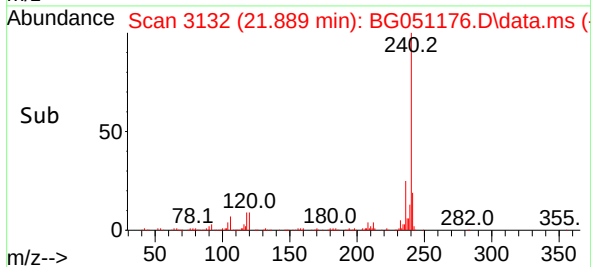
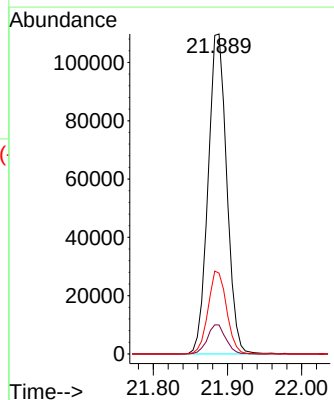
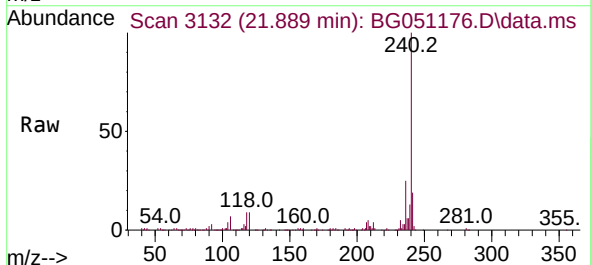
Instrument :
BNA_G
ClientSampleId :
CC-3

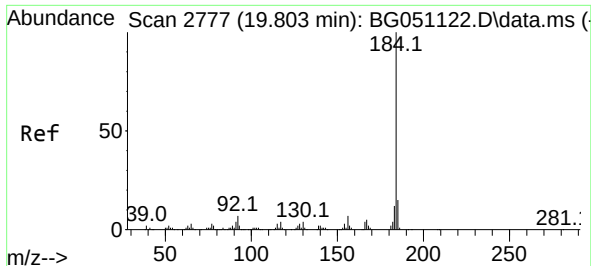
Tgt Ion:248 Resp: 7633
Ion Ratio Lower Upper
248 100
250 192.0 76.1 114.1#
141 622.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

Tgt Ion:240 Resp: 191857
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 25.2 21.8 32.6

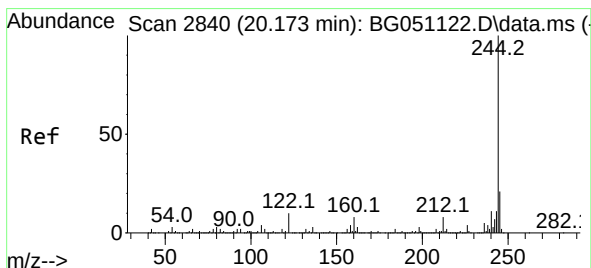
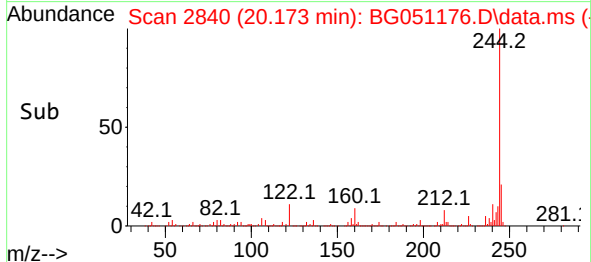
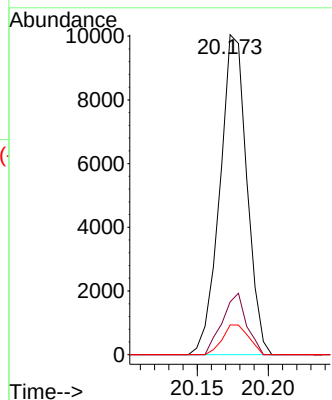
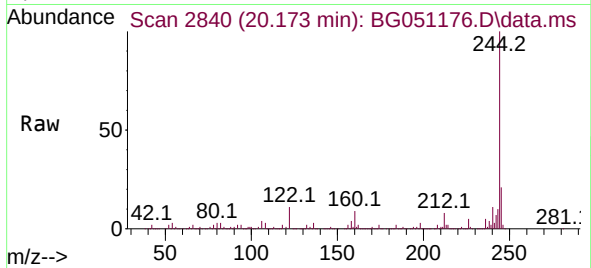




#77
Benzidine
Concen: 4.206 ng
RT: 20.173 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

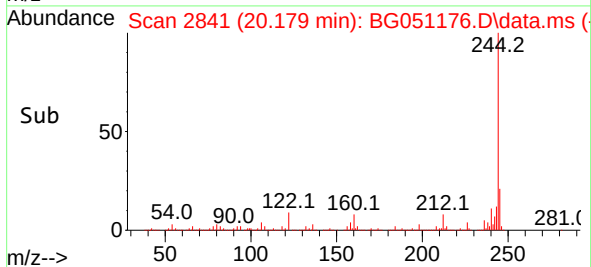
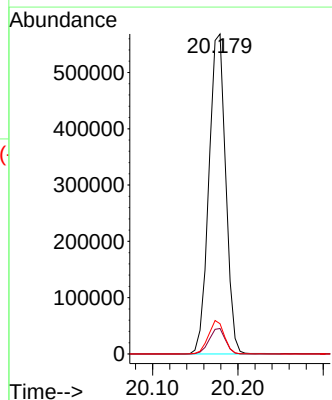
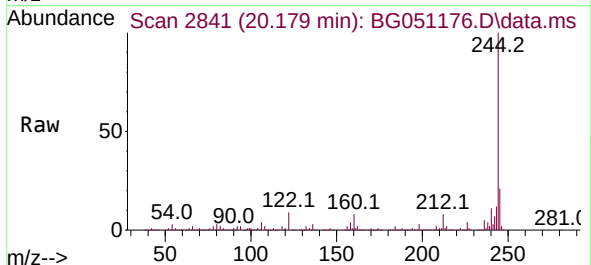
Instrument :
BNA_G
ClientSampleId :
CC-3

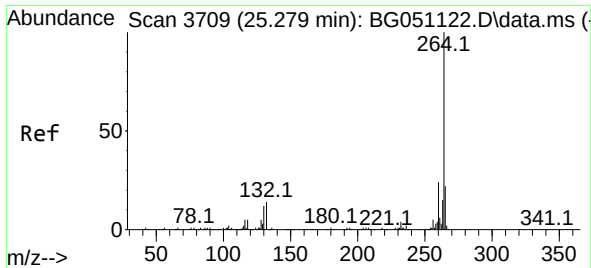
Tgt Ion:184 Resp: 13251
Ion Ratio Lower Upper
184 100
185 16.5 10.7 16.1#
183 9.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 74.060 ng
RT: 20.179 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BG051176.D
Acq: 22 Nov 2021 18:54

Tgt Ion:244 Resp: 777254
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 9.5 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.291 min Scan# 31
 Delta R.T. 0.011 min
 Lab File: BG051176.D
 Acq: 22 Nov 2021 18:54

Instrument :
 BNA_G
 ClientSampleId :
 CC-3

Tgt Ion:264 Resp: 186579
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.5 16.9 25.3

