

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051173.D
 Acq On : 22 Nov 2021 16:51
 Operator : CG/JU
 Sample : M4770-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-1

Quant Time: Nov 23 00:50:31 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)

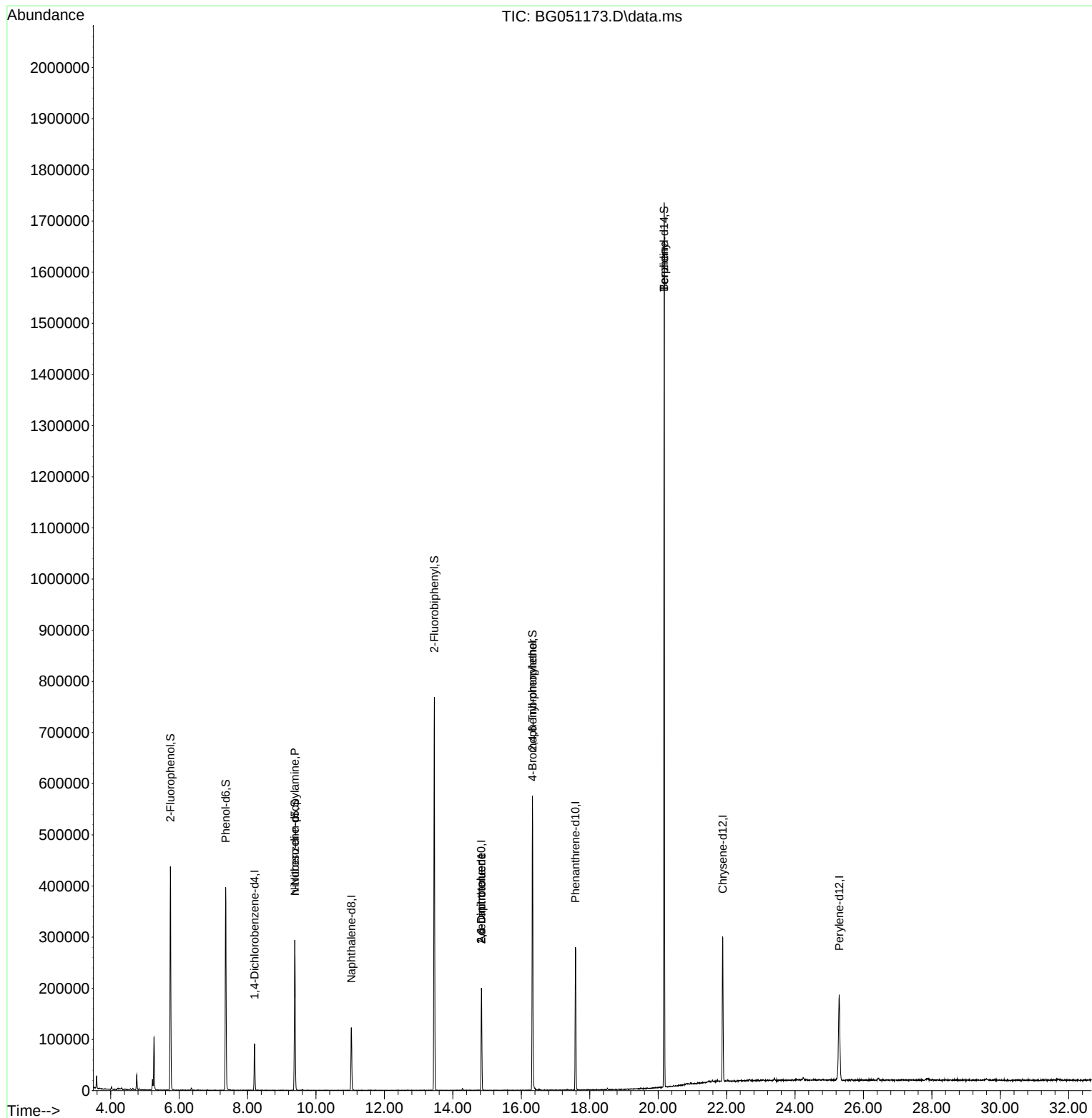
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	25104	20.000	ng	0.00
21) Naphthalene-d8	11.032	136	106397	20.000	ng	# 0.00
39) Acenaphthene-d10	14.833	164	73687	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	180673	20.000	ng	# 0.00
76) Chrysene-d12	21.890	240	181675	20.000	ng	# 0.00
86) Perylene-d12	25.292	264	177254	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	190749	117.459	ng	0.00
7) Phenol-d6	7.360	99	235869	103.122	ng	0.00
23) Nitrobenzene-d5	9.381	82	191255	82.056	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	98128	125.292	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	384294	78.696	ng	0.00
79) Terphenyl-d14	20.174	244	796000	80.097	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.381	70	27403	16.231	ng	# 66
51) 2,6-Dinitrotoluene	14.833	165	9419	7.943	ng	# 10
57) 2,4-Dinitrotoluene	14.833	165	9419	5.546	ng	# 15
67) 4-Bromophenyl-phenylether	16.332	248	7441	3.808	ng	# 1
77) Benzidine	20.174	184	13935	4.671	ng	# 90

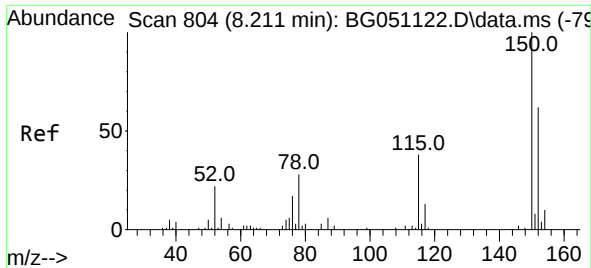
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

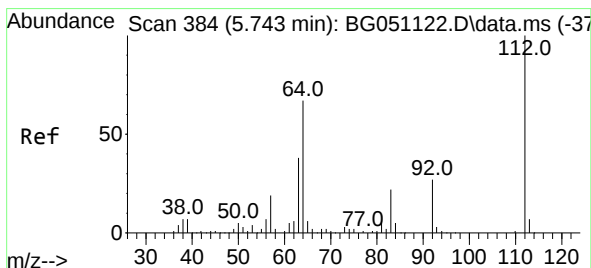
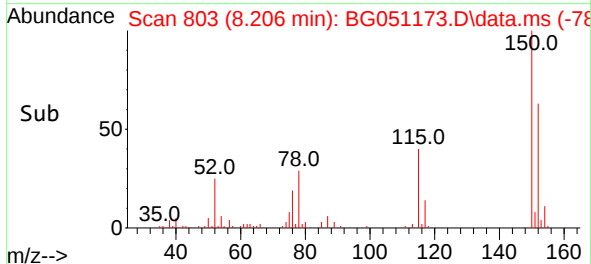
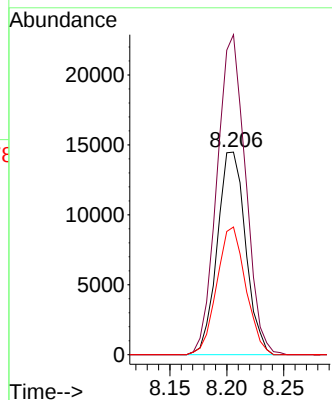
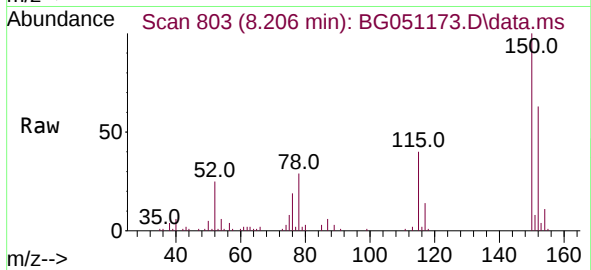




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.206 min Scan# 804
 Delta R.T. -0.005 min
 Lab File: BG051173.D
 Acq: 22 Nov 2021 16:51

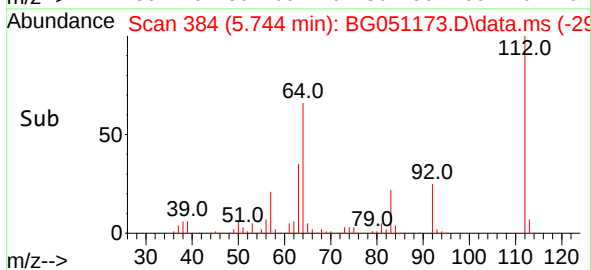
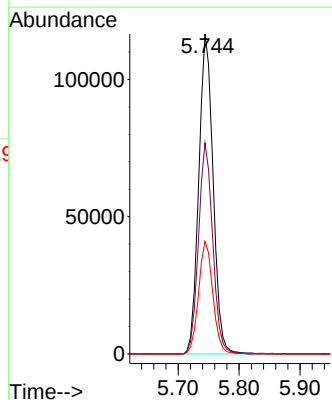
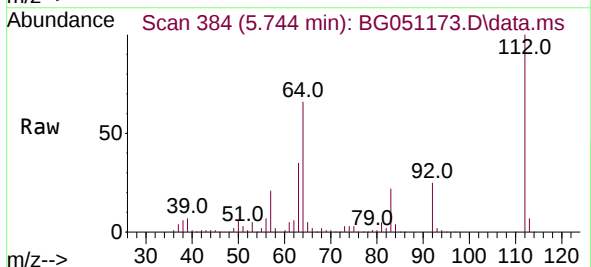
Instrument :
 BNA_G
 ClientSampleId :
 CC-1

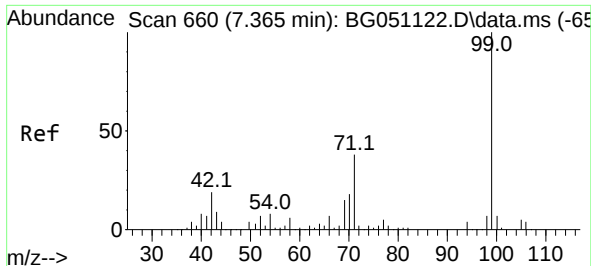
Tgt Ion:152 Resp: 25104
 Ion Ratio Lower Upper
 152 100
 150 157.9 119.4 179.0
 115 63.0 60.2 90.4



#5
 2-Fluorophenol
 Concen: 117.459 ng
 RT: 5.744 min Scan# 384
 Delta R.T. 0.001 min
 Lab File: BG051173.D
 Acq: 22 Nov 2021 16:51

Tgt Ion:112 Resp: 190749
 Ion Ratio Lower Upper
 112 100
 64 66.0 46.7 70.1
 63 35.2 35.3 52.9#

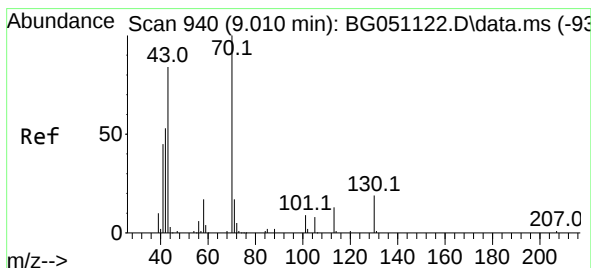
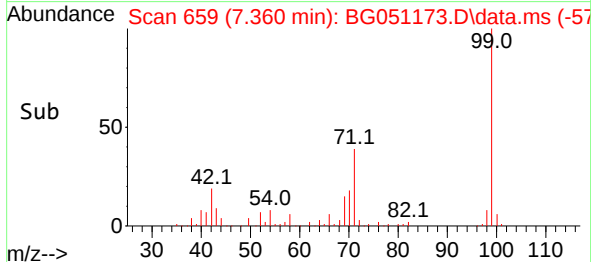
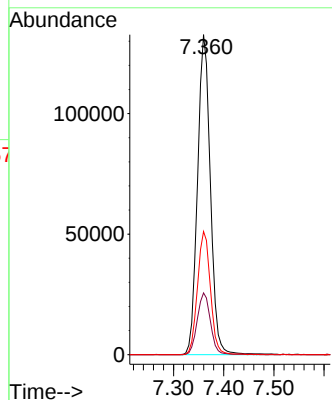
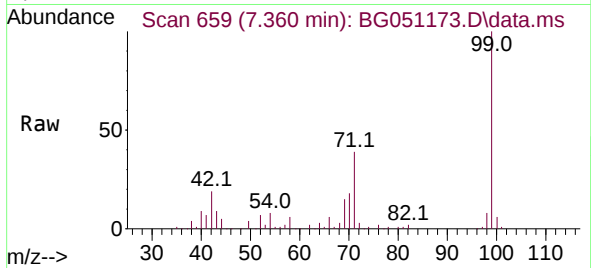




#7
Phenol-d6
Concen: 103.122 ng
RT: 7.360 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

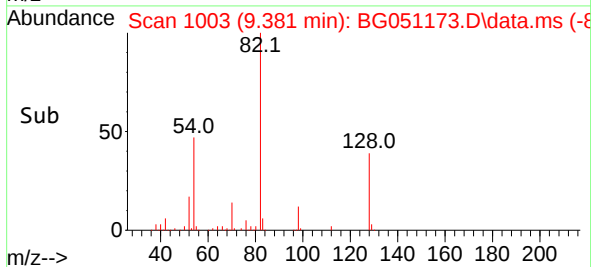
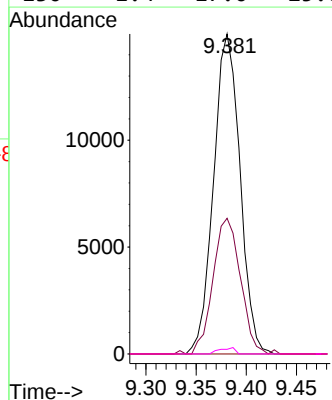
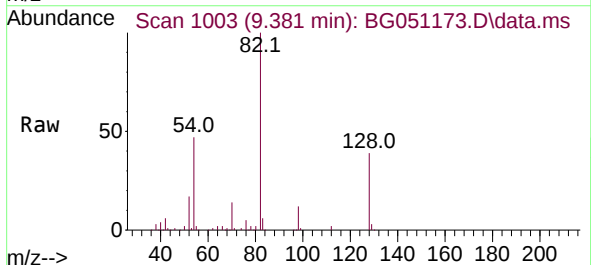
Instrument :
BNA_G
ClientSampleId :
CC-1

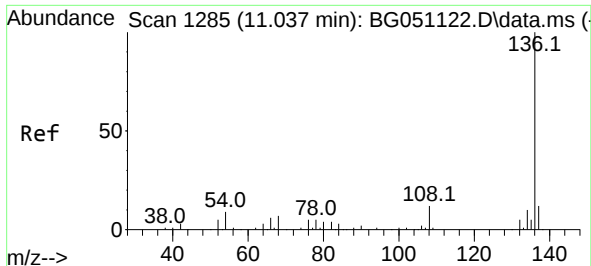
Tgt Ion: 99 Resp: 235869
Ion Ratio Lower Upper
99 100
42 19.3 20.5 30.7#
71 38.5 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.231 ng
RT: 9.381 min Scan# 1003
Delta R.T. 0.371 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion: 70 Resp: 27403
Ion Ratio Lower Upper
70 100
42 42.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

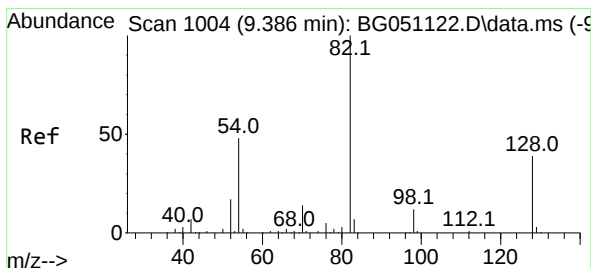
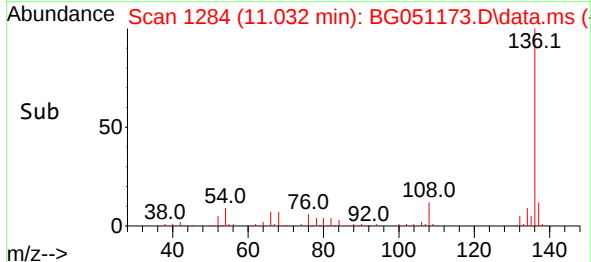
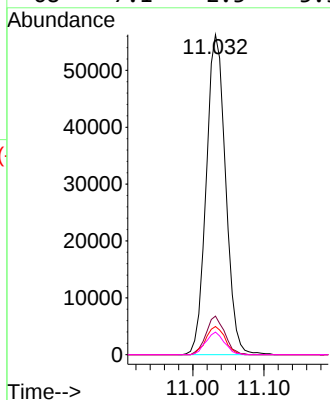
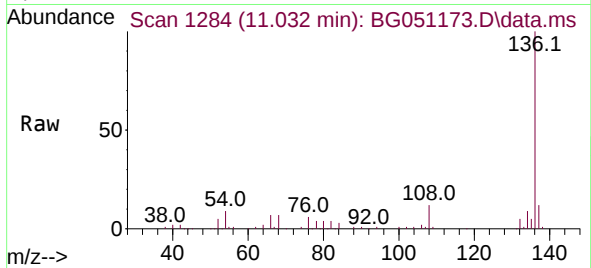




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

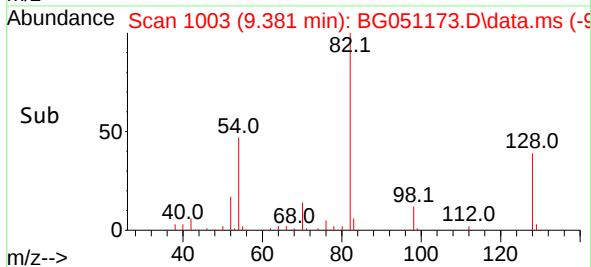
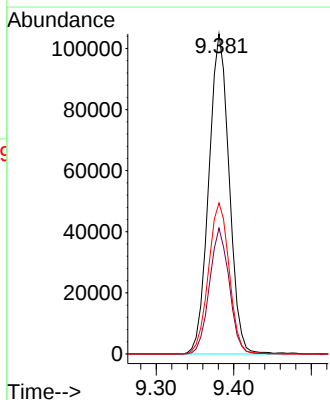
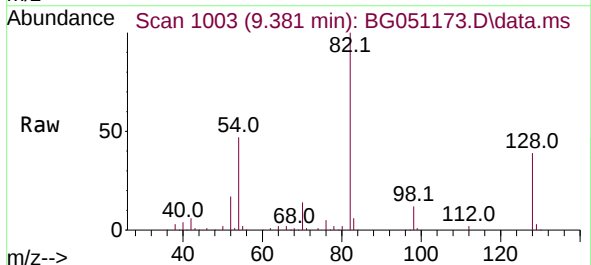
Instrument :
BNA_G
ClientSampleId :
CC-1

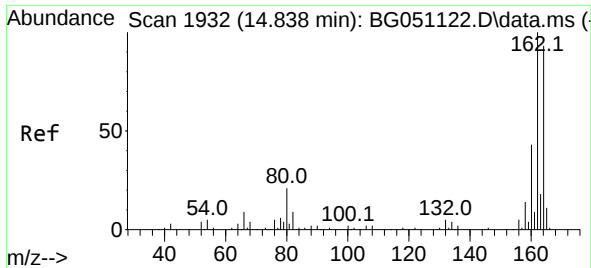
Tgt Ion:	136	Resp:	106397
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.2	12.2
54	8.8	5.5	8.3#
68	7.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 82.056 ng
RT: 9.381 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion:	82	Resp:	191255
Ion Ratio	Lower	Upper	
82	100		
128	39.3	29.8	44.6
54	47.2	45.8	68.8

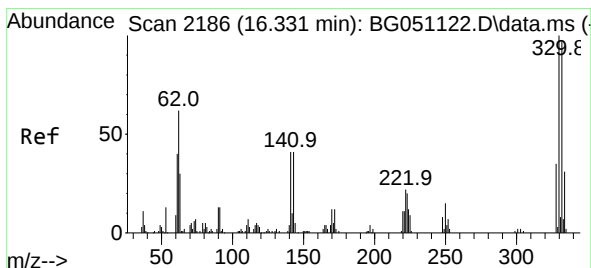
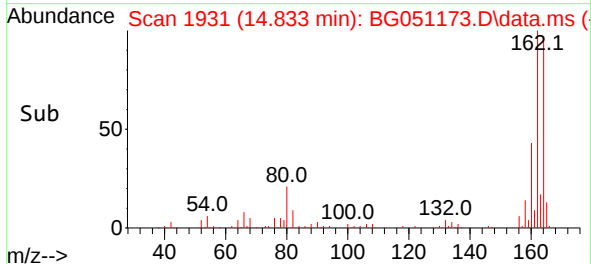
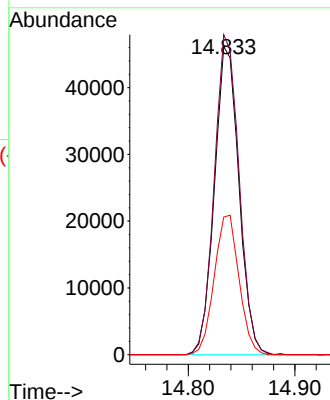
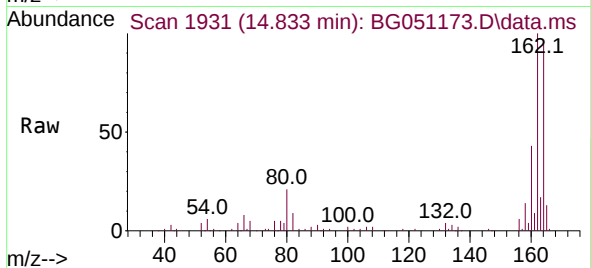




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

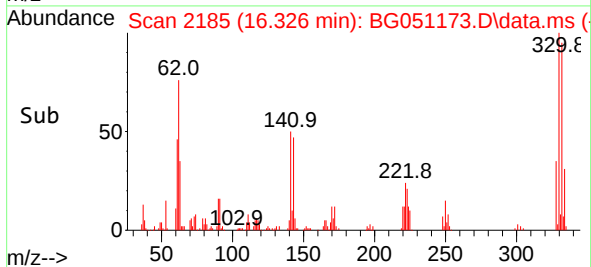
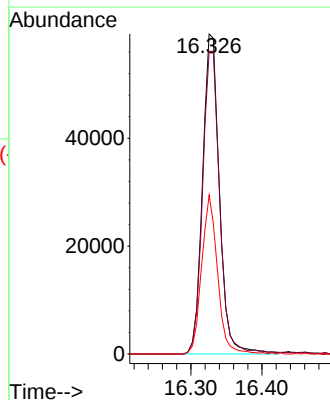
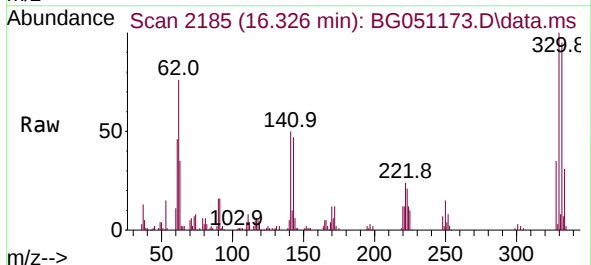
Instrument :
BNA_G
ClientSampleId :
CC-1

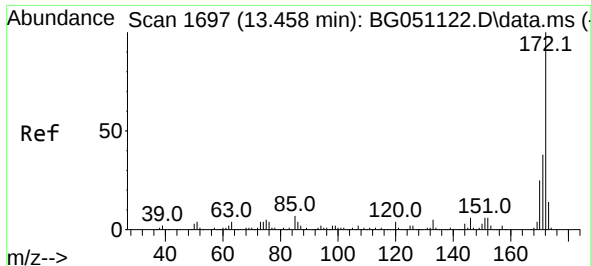
Tgt Ion:164 Resp: 73687
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 44.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 125.292 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion:330 Resp: 98128
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 46.6 35.6 53.4

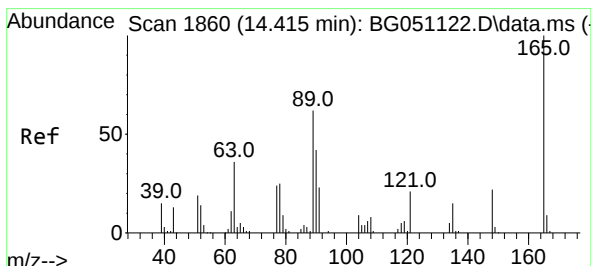
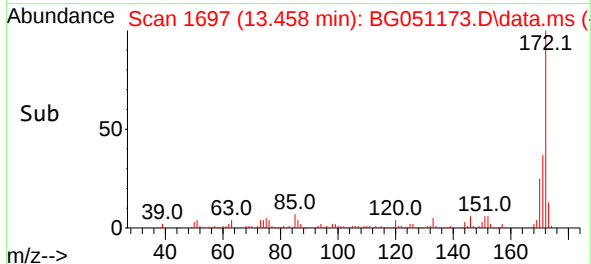
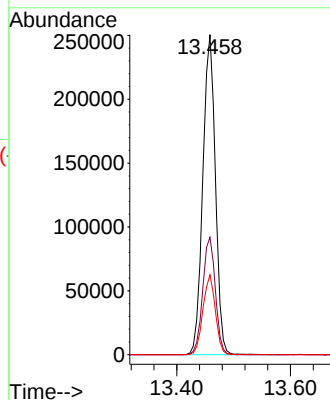
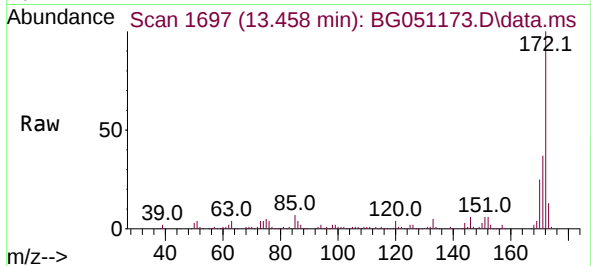




#45
2-Fluorobiphenyl
Concen: 78.696 ng
RT: 13.458 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

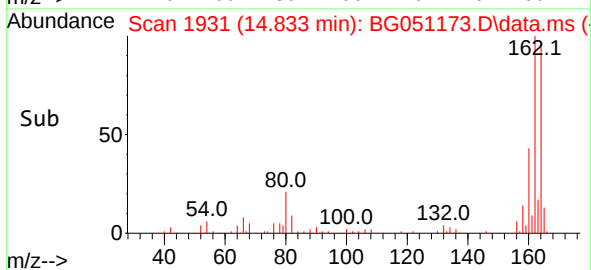
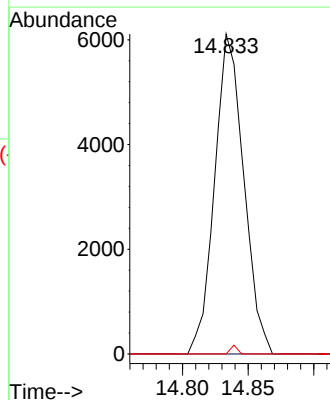
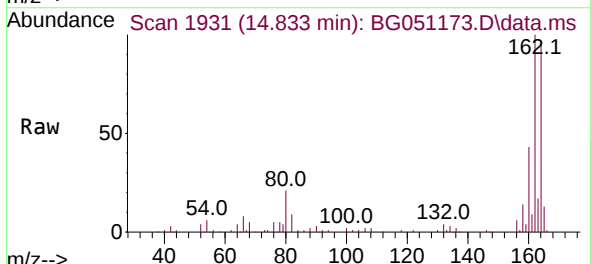
Instrument :
BNA_G
ClientSampleId :
CC-1

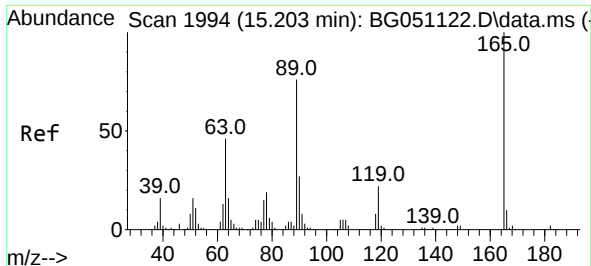
Tgt Ion:172 Resp: 384294
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.943 ng
RT: 14.833 min Scan# 1931
Delta R.T. 0.418 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion:165 Resp: 9419
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

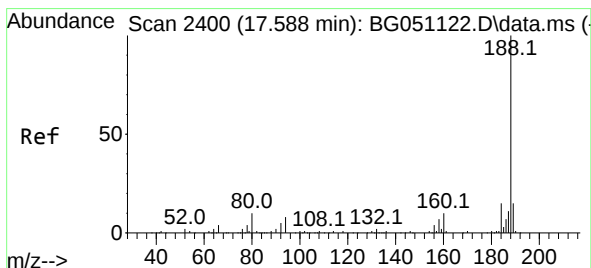
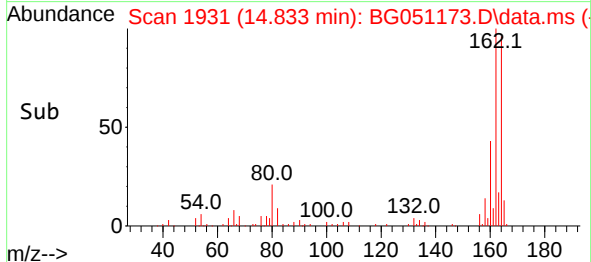
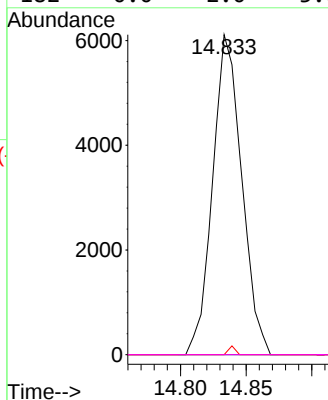
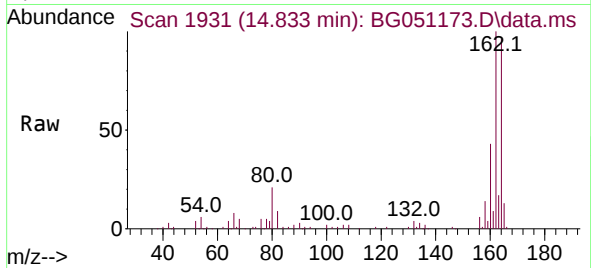




#57
2,4-Dinitrotoluene
Concen: 5.546 ng
RT: 14.833 min Scan# 1994
Delta R.T. -0.369 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

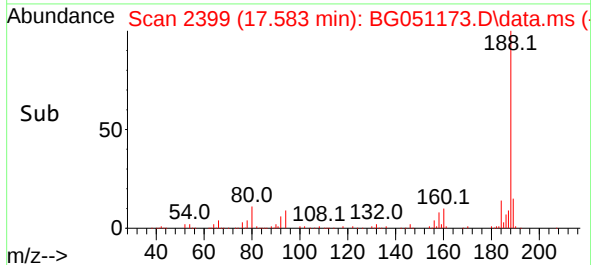
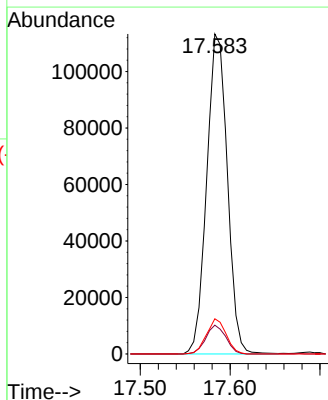
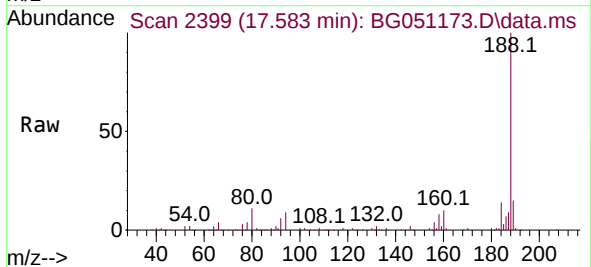
Instrument :
BNA_G
ClientSampleId :
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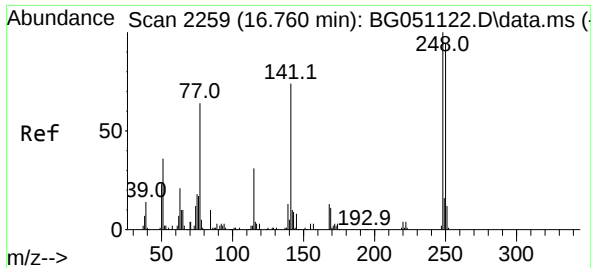
Tgt Ion:165	Resp:	9419
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 2399
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion:188	Resp:	180673
Ion Ratio	Lower	Upper
188	100	
94	9.0	5.4 8.0#
80	11.0	3.7 5.5#

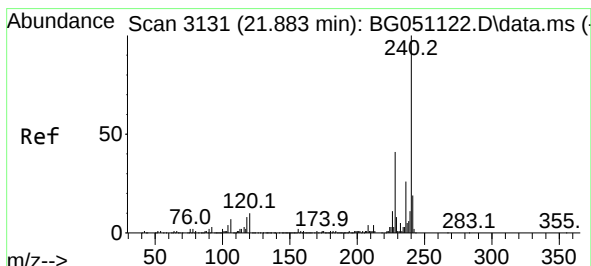
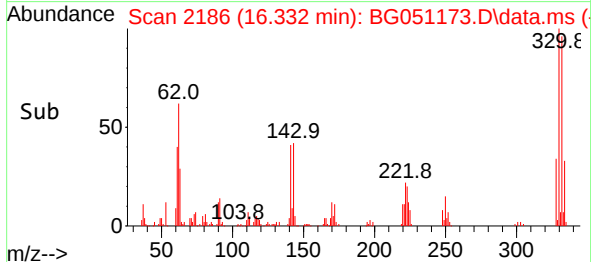
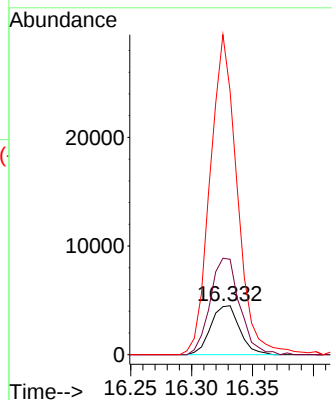
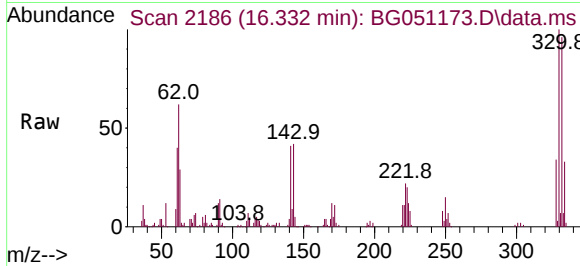




#67
4-Bromophenyl-phenylether
Concen: 3.808 ng
RT: 16.332 min Scan# 2186
Delta R.T. -0.428 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

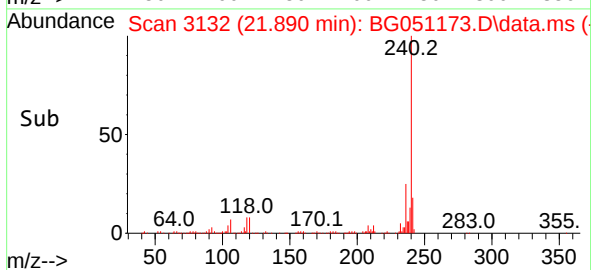
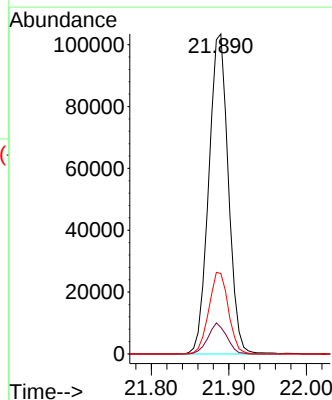
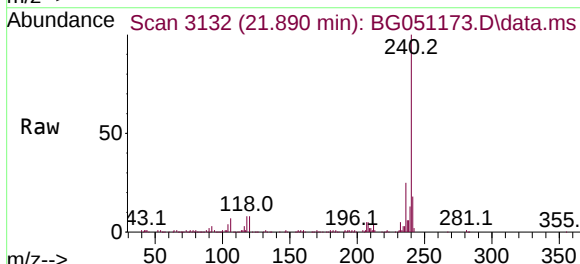
Instrument :
BNA_G
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CC-1

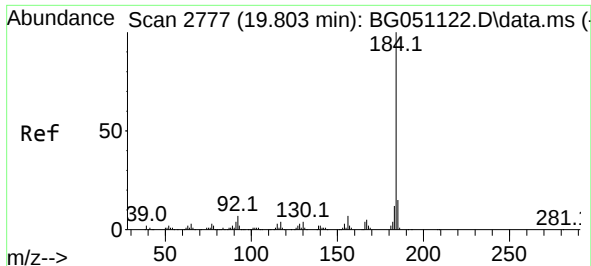
Tgt Ion:248 Resp: 7441
Ion Ratio Lower Upper
248 100
250 194.8 76.1 114.1#
141 537.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.890 min Scan# 3132
Delta R.T. 0.007 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion:240 Resp: 181675
Ion Ratio Lower Upper
240 100
120 8.3 4.2 6.2#
236 25.2 21.8 32.6

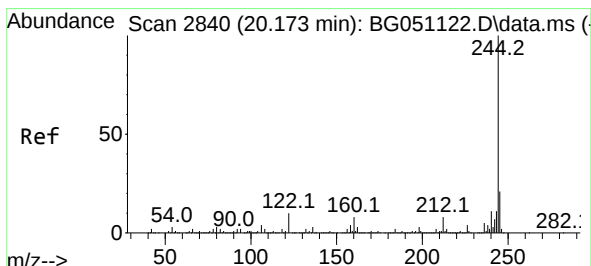
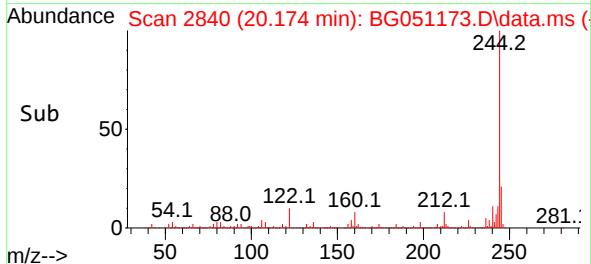
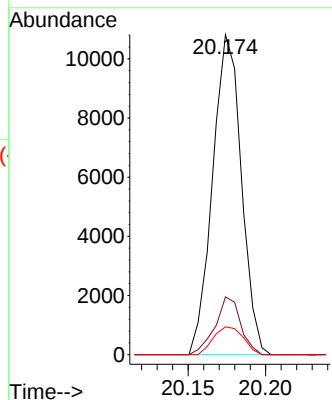
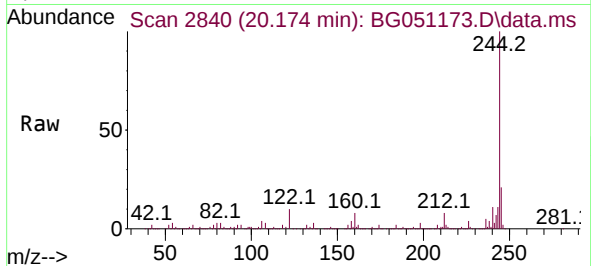




#77
Benzidine
Concen: 4.671 ng
RT: 20.174 min Scan# 2840
Delta R.T. 0.371 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

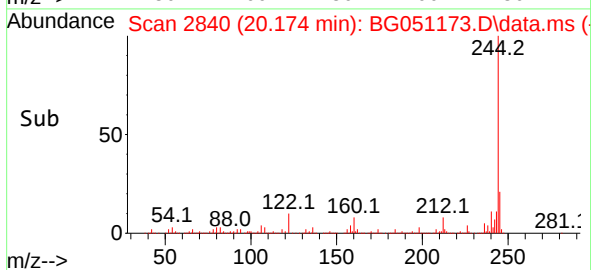
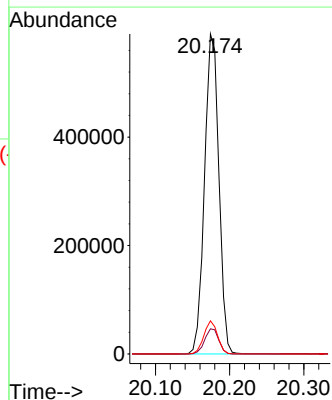
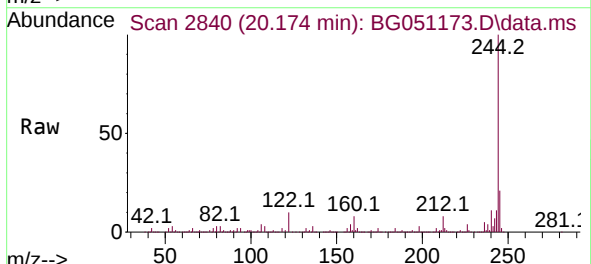
Instrument :
BNA_G
ClientSampleId :
CC-1

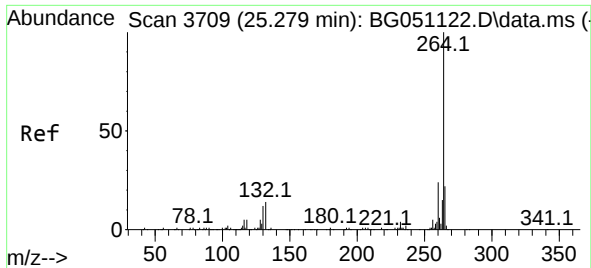
Tgt Ion:184 Resp: 13935
Ion Ratio Lower Upper
184 100
185 18.1 10.7 16.1#
183 8.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 80.097 ng
RT: 20.174 min Scan# 2840
Delta R.T. 0.001 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion:244 Resp: 796000
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 10.4 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.292 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BG051173.D
 Acq: 22 Nov 2021 16:51

Instrument :
 BNA_G
 ClientSampleId :
 CC-1

Tgt Ion:264	Resp: 177254
Ion Ratio	Lower Upper
264	100
260	24.3 19.4 29.2
265	22.5 16.9 25.3

