

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053099.D
 Acq On : 11 Apr 2022 13:42
 Operator : CG/JU
 Sample : N2334-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB040622

Quant Time: Apr 12 06:07:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

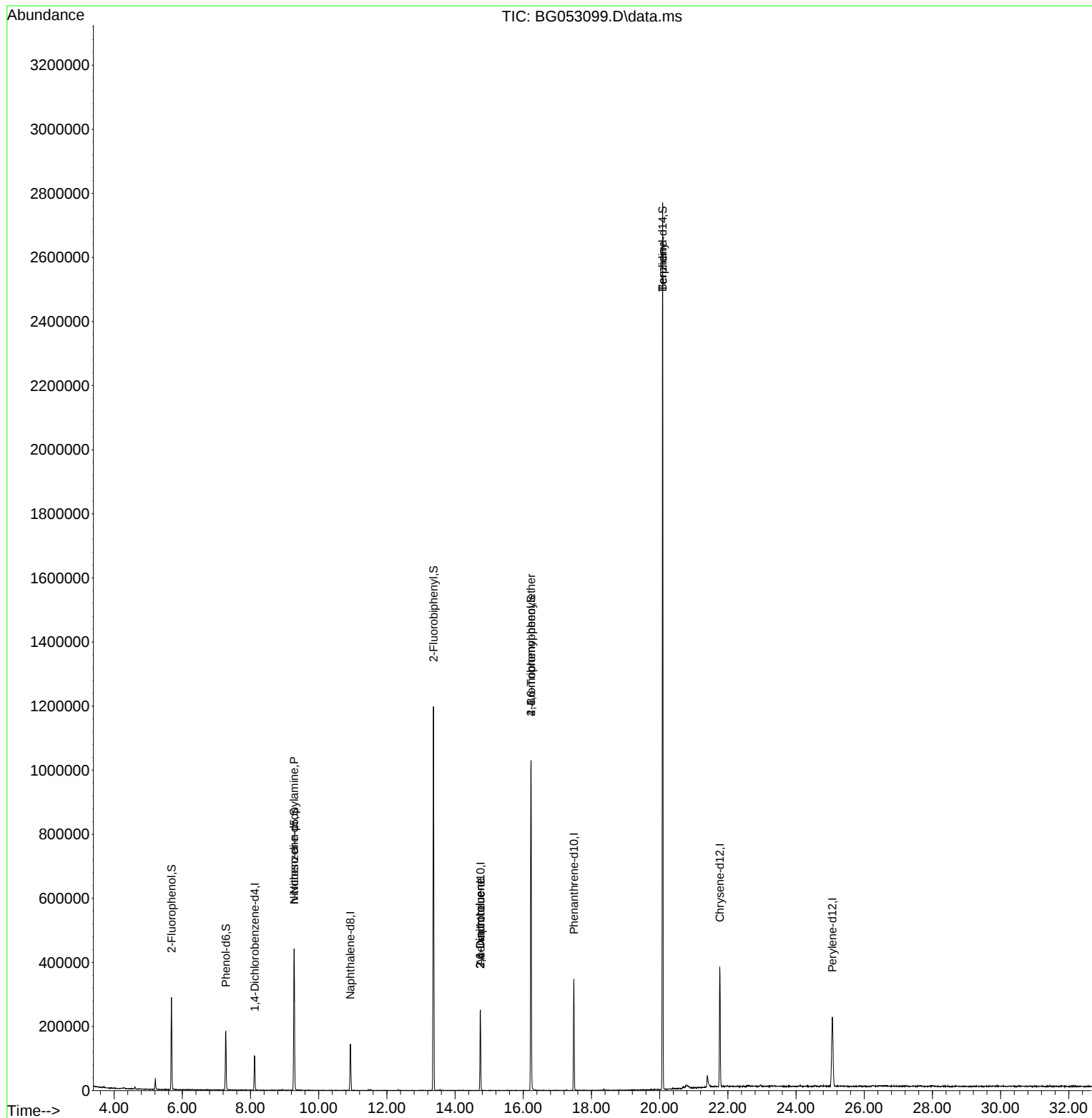
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	30009	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	120445	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	90402	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	218647	20.000	ng	0.00
76) Chrysene-d12	21.763	240	245483	20.000	ng	-0.01
86) Perylene-d12	25.065	264	247137	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	113831	65.023	ng	0.00
7) Phenol-d6	7.277	99	104987	38.889	ng	0.00
23) Nitrobenzene-d5	9.280	82	282680	95.295	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	210091	146.073	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	634976	96.853	ng	0.00
79) Terphenyl-d14	20.089	244	1369984	94.254	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.280	70	39196	19.832	ng	# 81
51) 2,6-Dinitrotoluene	14.737	165	11713	7.765	ng	# 26
57) 2,4-Dinitrotoluene	14.737	165	11713	5.454	ng	# 24
67) 4-Bromophenyl-phenylether	16.229	248	13894	4.959	ng	# 1
77) Benzidine	20.089	184	23644	3.376	ng	# 93

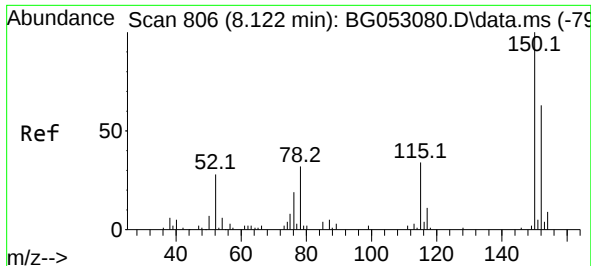
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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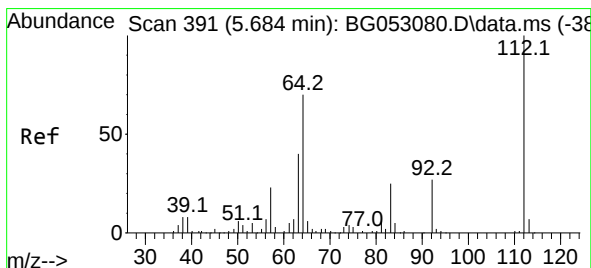
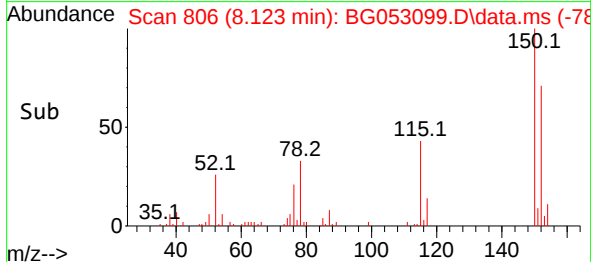
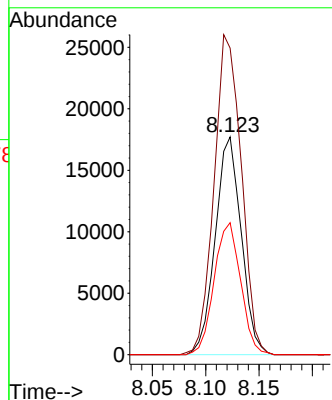
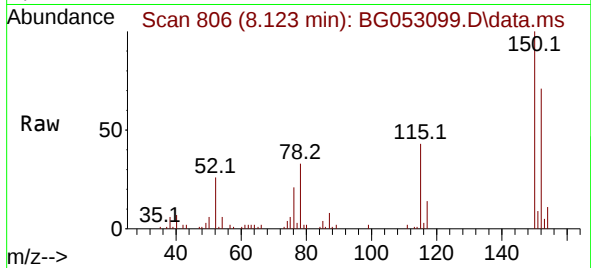




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

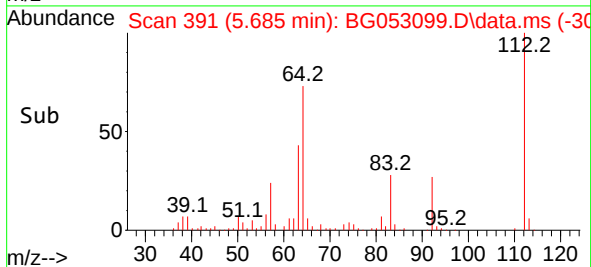
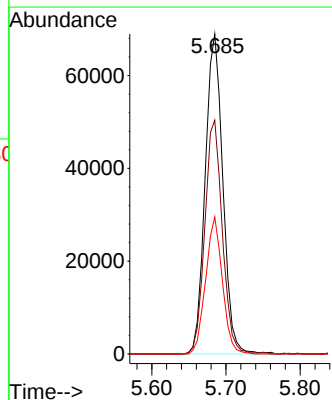
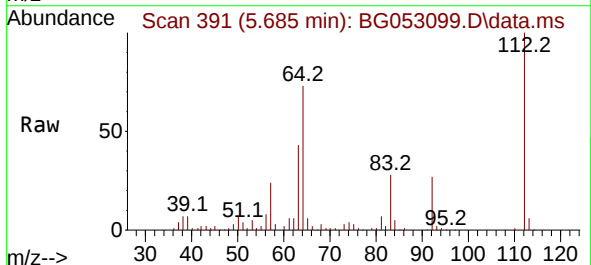
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BNA_G
ClientSampleId :
FB040622

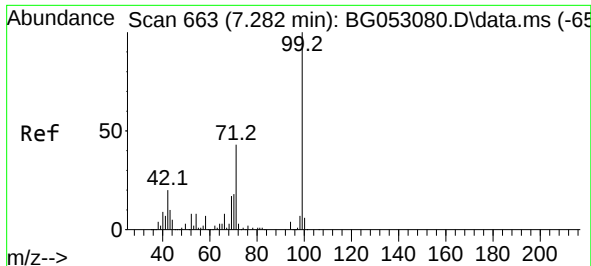
Tgt Ion:152 Resp: 30009
Ion Ratio Lower Upper
152 100
150 140.8 114.6 172.0
115 60.6 45.9 68.9



#5
2-Fluorophenol
Concen: 65.023 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

Tgt Ion:112 Resp: 113831
Ion Ratio Lower Upper
112 100
64 73.0 48.0 72.0#
63 42.8 26.5 39.7#

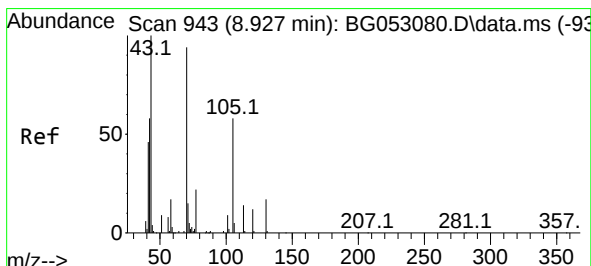
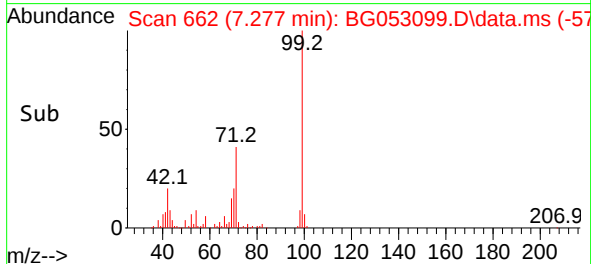
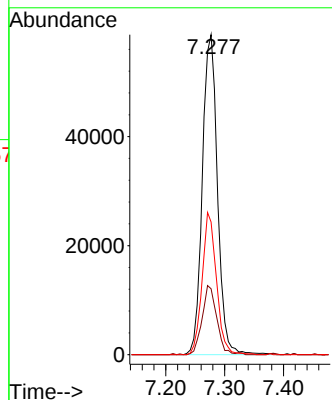
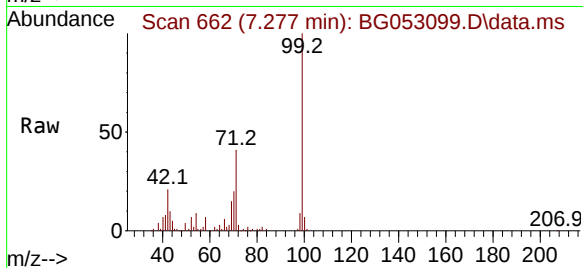




#7
Phenol-d6
Concen: 38.889 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

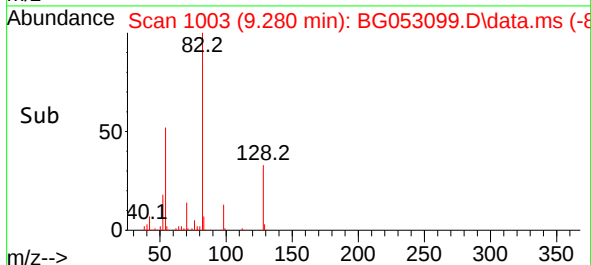
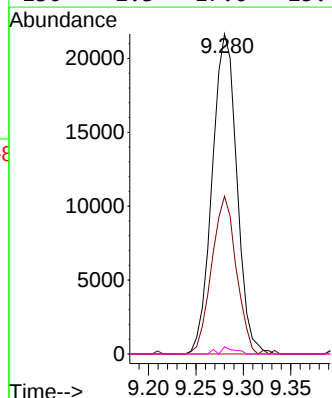
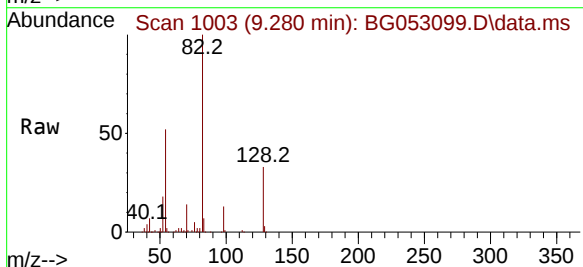
Instrument :
BNA_G
ClientSampleId :
FB040622

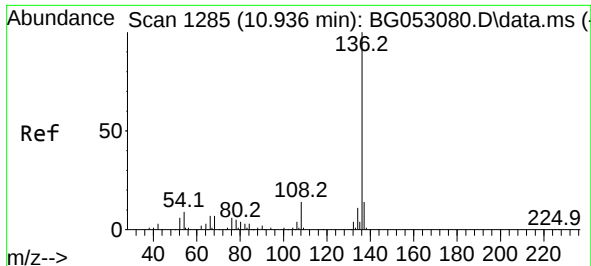
Tgt Ion: 99 Resp: 104987
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 41.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.832 ng
RT: 9.280 min Scan# 1003
Delta R.T. 0.353 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

Tgt Ion: 70 Resp: 39196
Ion Ratio Lower Upper
70 100
42 49.3 46.0 69.0
101 0.0 6.2 9.4#
130 2.3 17.0 25.4#

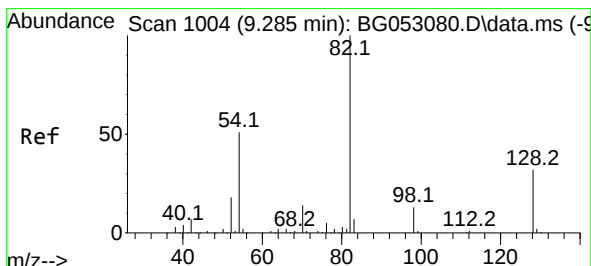
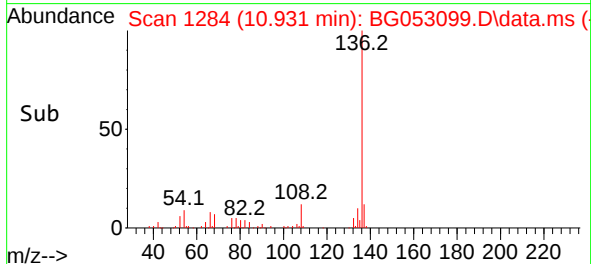
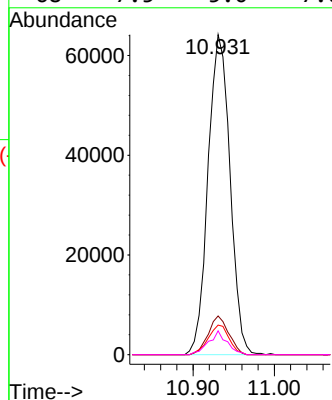
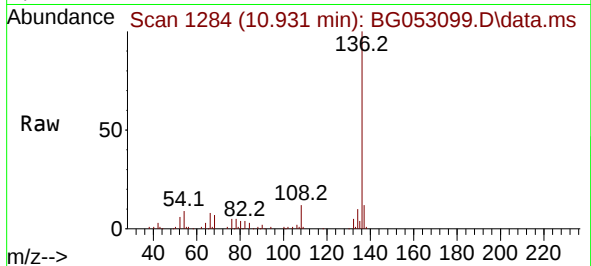




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

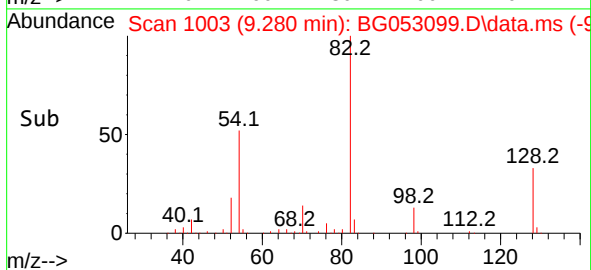
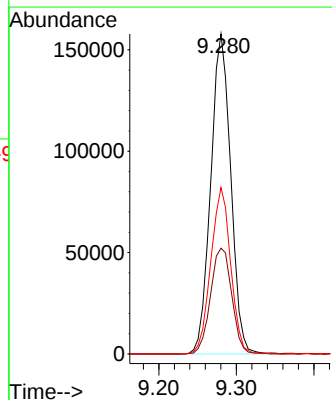
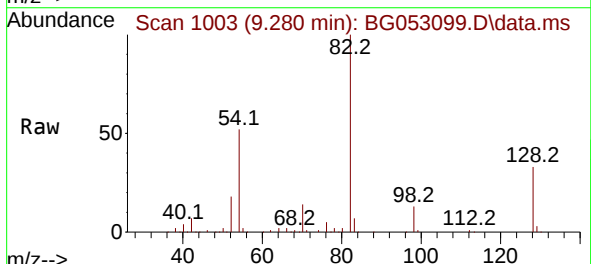
Instrument :
BNA_G
ClientSampleId :
FB040622

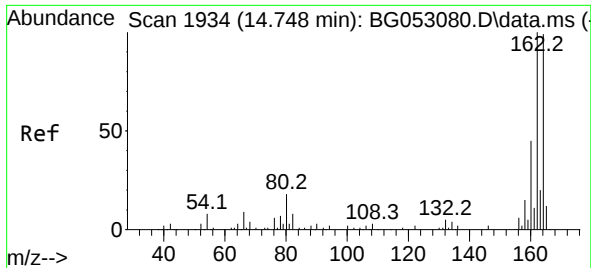
Tgt Ion:136	Resp:	120445
Ion Ratio	Lower	Upper
136	100	
137	12.1	9.4 14.2
54	9.3	6.4 9.6
68	7.5	5.0 7.6



#23
Nitrobenzene-d5
Concen: 95.295 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

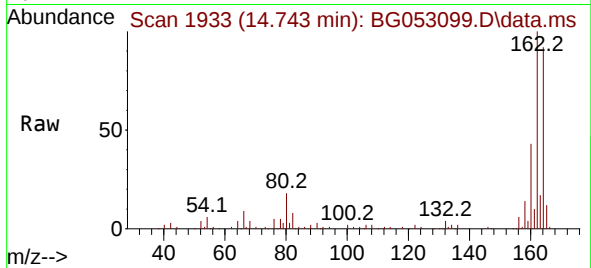
Tgt Ion: 82	Resp:	282680
Ion Ratio	Lower	Upper
82	100	
128	33.1	31.3 46.9
54	52.0	37.8 56.8



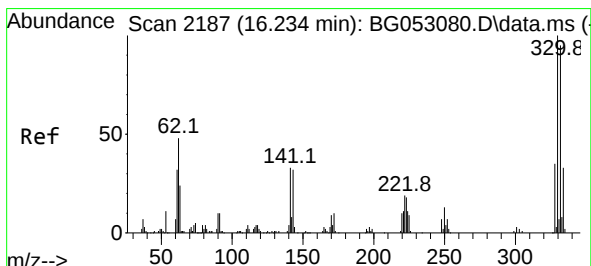
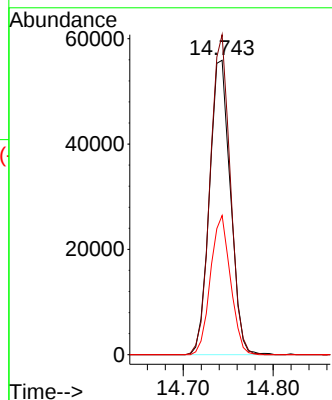
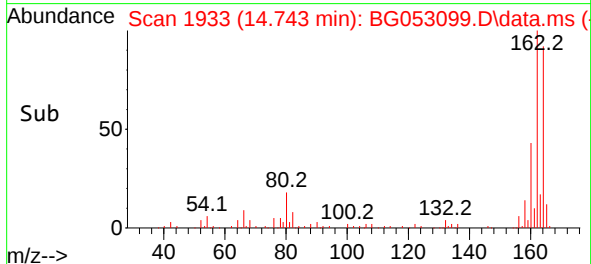


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.743 min Scan# 1933
 Delta R.T. -0.005 min
 Lab File: BG053099.D
 Acq: 11 Apr 2022 13:42

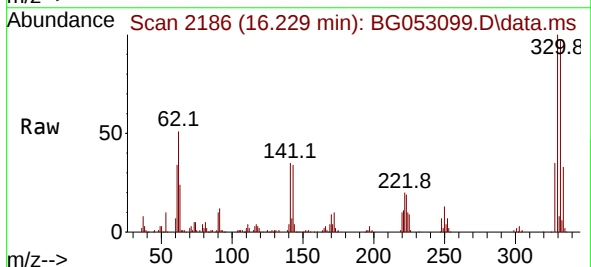
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 ClientSampleId :
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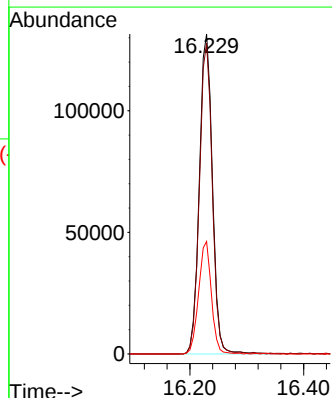
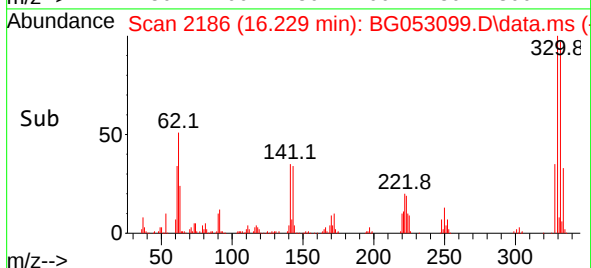
Tgt Ion:	164	Resp:	90402
Ion Ratio	Lower	Upper	
164	100		
162	108.7	80.0	120.0
160	47.3	38.8	58.2

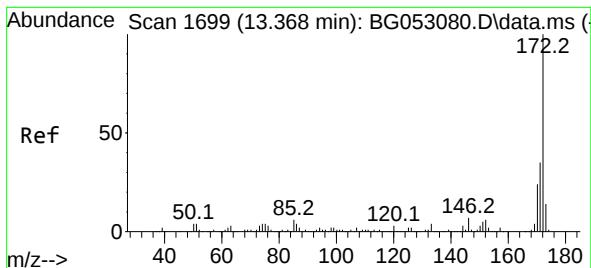


#42
 2,4,6-Tribromophenol
 Concen: 146.073 ng
 RT: 16.229 min Scan# 2186
 Delta R.T. -0.005 min
 Lab File: BG053099.D
 Acq: 11 Apr 2022 13:42



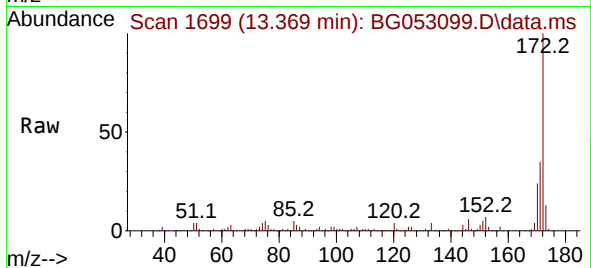
Tgt Ion:	330	Resp:	210091
Ion Ratio	Lower	Upper	
330	100		
332	95.6	75.8	113.6
141	34.4	24.6	36.8



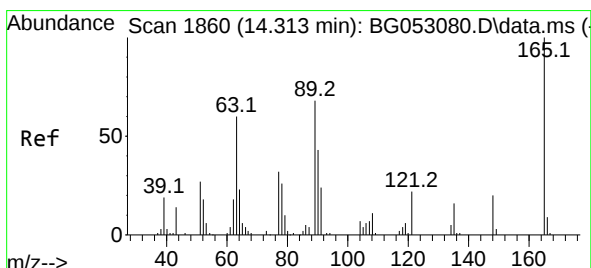
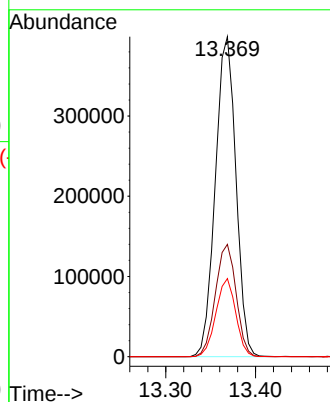
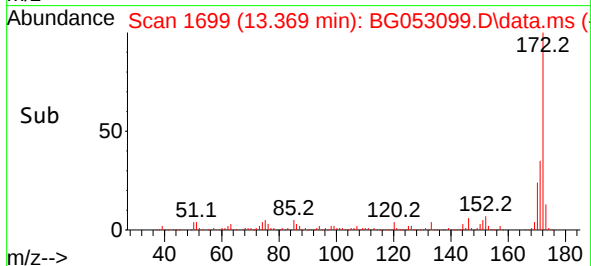


#45
2-Fluorobiphenyl
Concen: 96.853 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

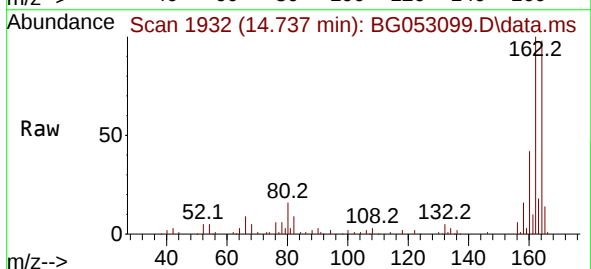
Instrument :
BNA_G
ClientSampleId :
FB040622



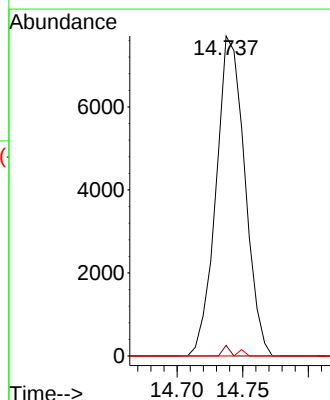
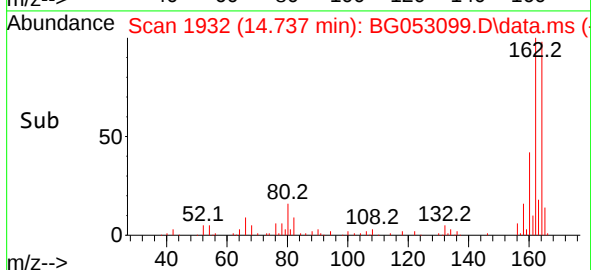
Tgt Ion:172 Resp: 634976
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 24.4 18.0 27.0

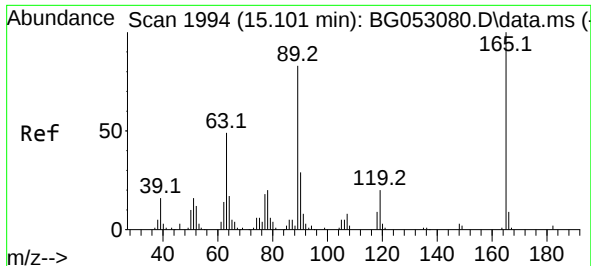


#51
2,6-Dinitrotoluene
Concen: 7.765 ng
RT: 14.737 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42



Tgt Ion:165 Resp: 11713
Ion Ratio Lower Upper
165 100
63 3.3 43.7 65.5#
89 0.0 45.0 67.4#

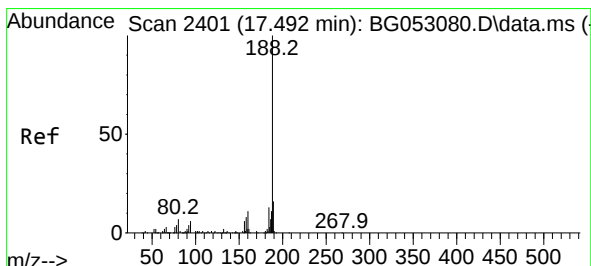
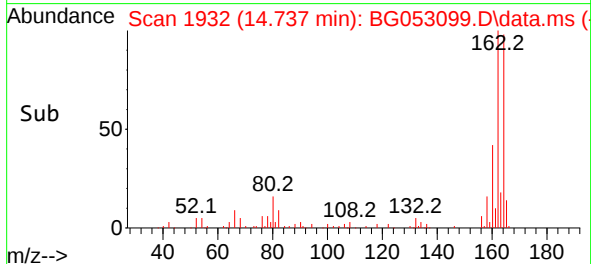
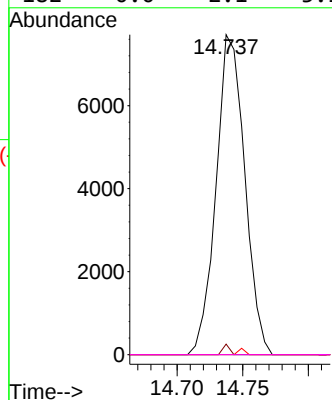
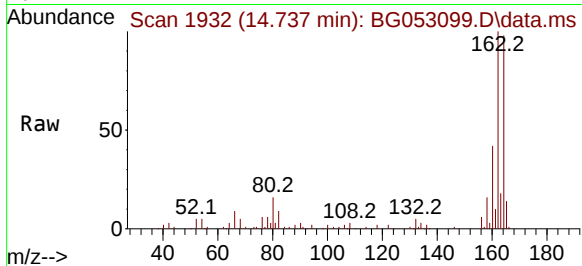




#57
2,4-Dinitrotoluene
Concen: 5.454 ng
RT: 14.737 min Scan# 1994
Delta R.T. -0.363 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

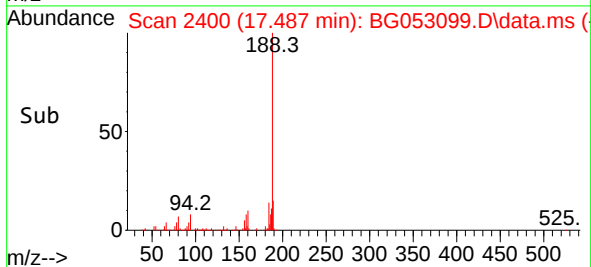
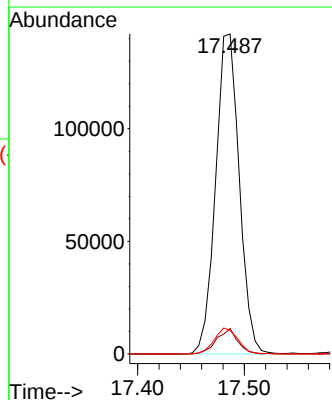
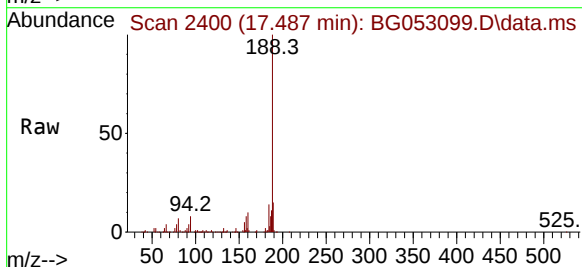
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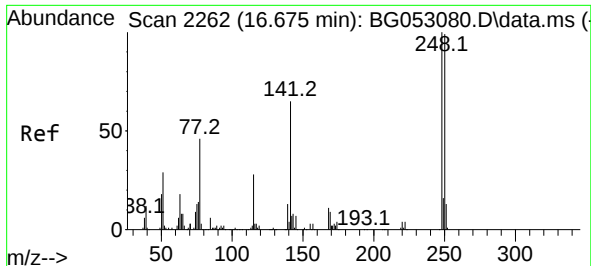
Tgt Ion:165 Resp: 11713
Ion Ratio Lower Upper
165 100
63 3.3 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

Tgt Ion:188 Resp: 218647
Ion Ratio Lower Upper
188 100
94 8.0 5.7 8.5
80 7.4 7.2 10.8

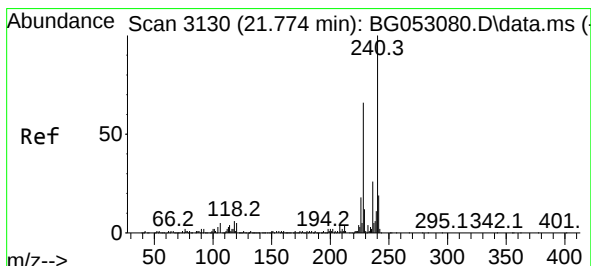
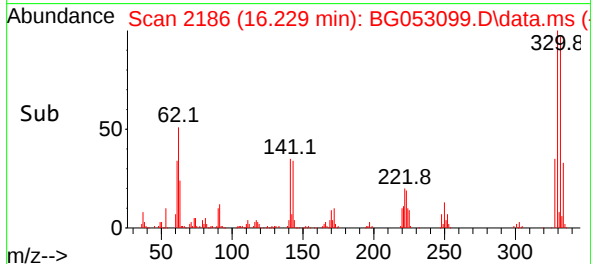
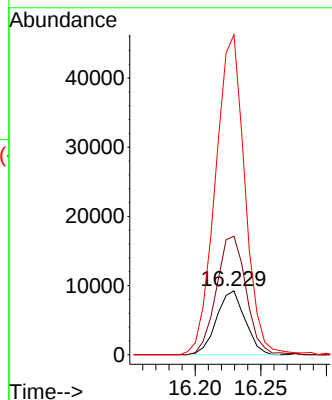
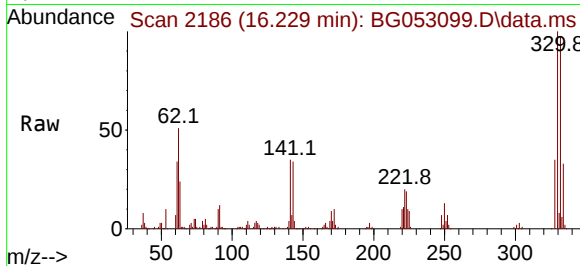




#67
4-Bromophenyl-phenylether
Concen: 4.959 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.446 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

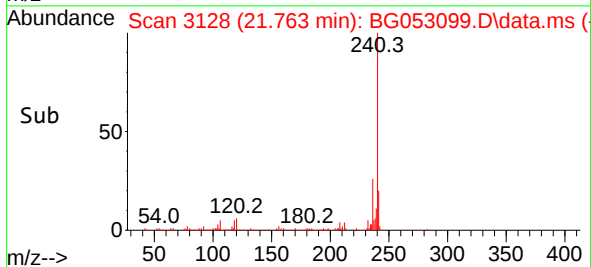
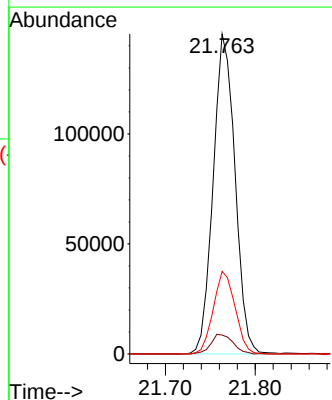
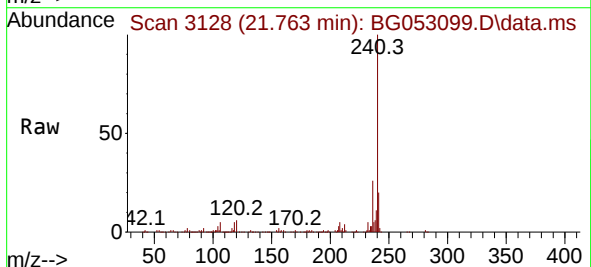
Instrument :
BNA_G
ClientSampleId :
FB040622

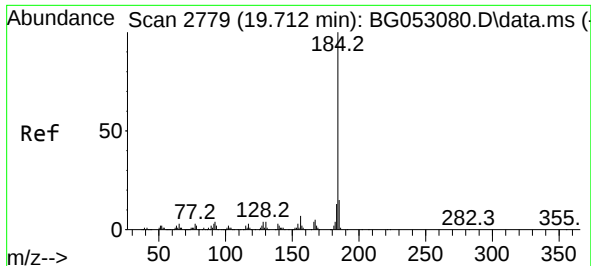
Tgt Ion:248 Resp: 13894
Ion Ratio Lower Upper
248 100
250 185.5 77.9 116.9#
141 501.4 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

Tgt Ion:240 Resp: 245483
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 25.8 19.8 29.6

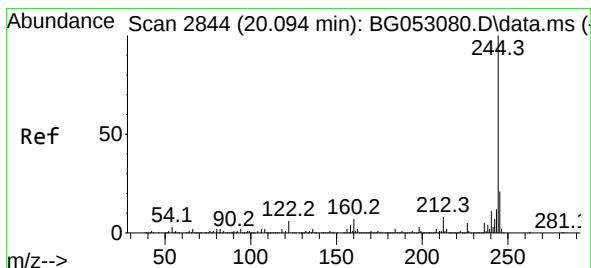
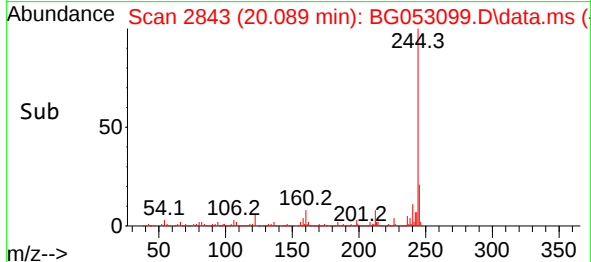
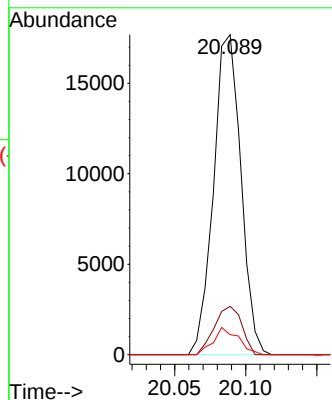
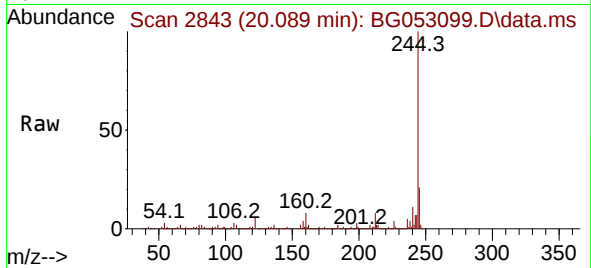




#77
Benzidine
Concen: 3.376 ng
RT: 20.089 min Scan# 2843
Delta R.T. 0.377 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

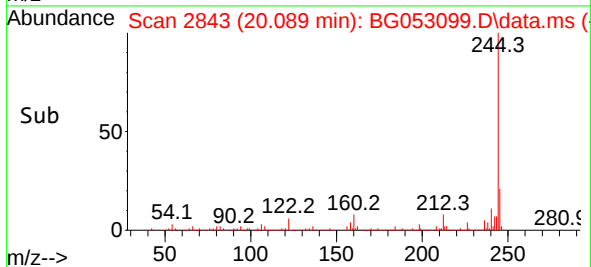
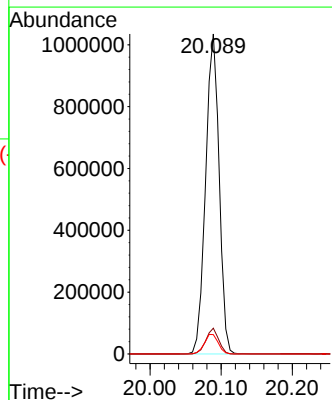
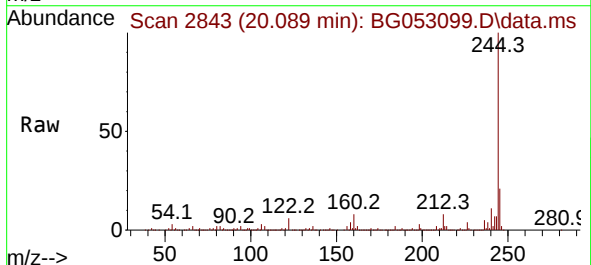
Instrument :
BNA_G
ClientSampleId :
FB040622

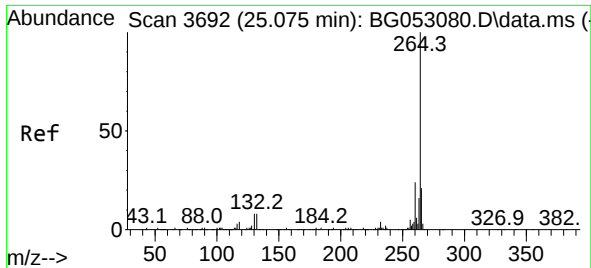
Tgt Ion:184 Resp: 23644
Ion Ratio Lower Upper
184 100
185 15.1 11.5 17.3
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 94.254 ng
RT: 20.089 min Scan# 2843
Delta R.T. -0.005 min
Lab File: BG053099.D
Acq: 11 Apr 2022 13:42

Tgt Ion:244 Resp: 1369984
Ion Ratio Lower Upper
244 100
212 8.1 5.4 8.2
122 6.0 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.065 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG053099.D
 Acq: 11 Apr 2022 13:42

Instrument :
 BNA_G
 ClientSampleId :
 FB040622

Tgt Ion:264 Resp: 247137
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 20.7 15.1 22.7

