

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053594.D
 Acq On : 17 May 2022 21:42
 Operator : CG/JU
 Sample : N2832-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB09

Quant Time: May 18 03:14:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

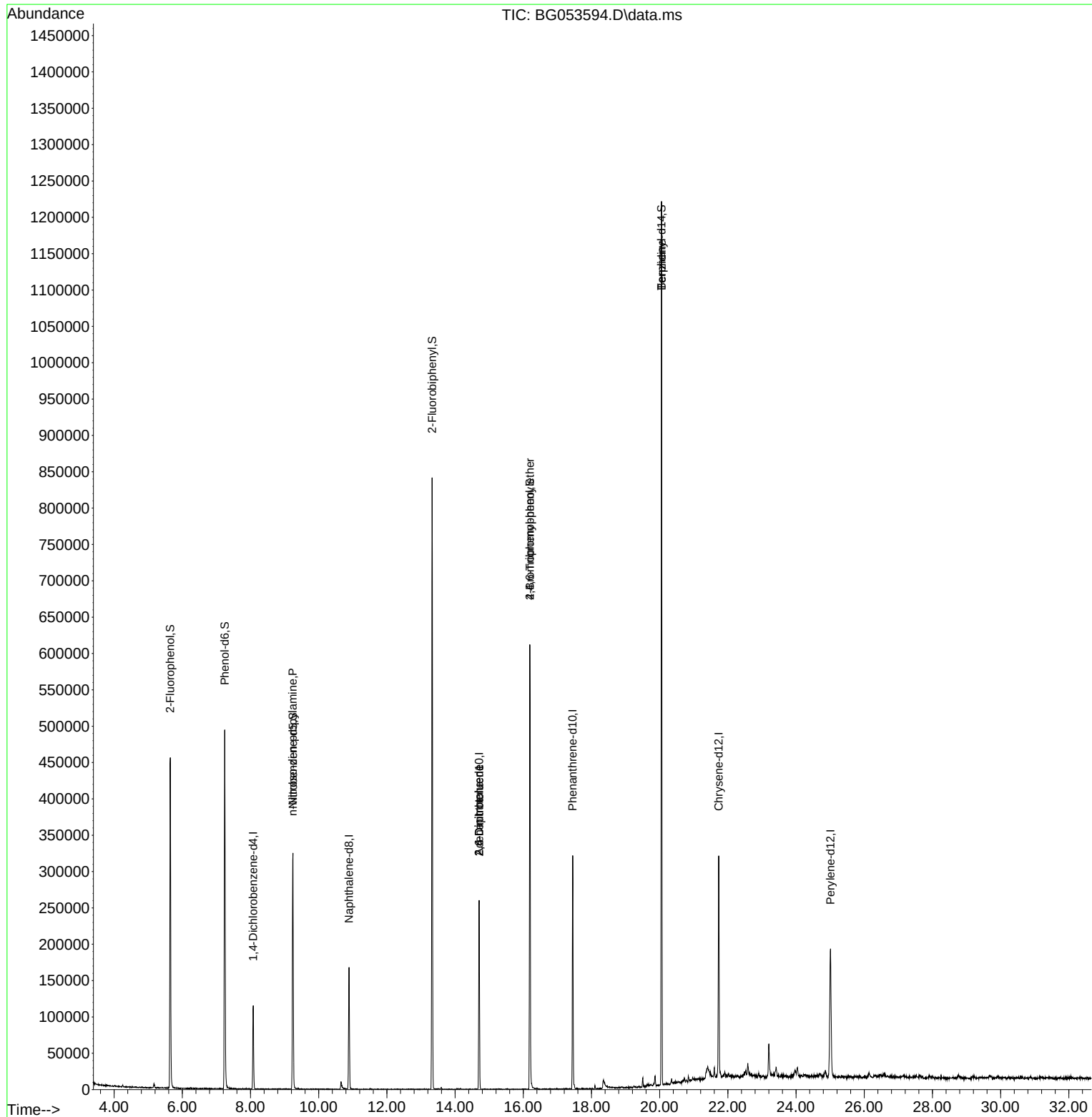
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	31959	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	132180	20.000	ng	# 0.00
39) Acenaphthene-d10	14.707	164	96605	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	206556	20.000	ng	0.00
76) Chrysene-d12	21.733	240	192835	20.000	ng	0.00
86) Perylene-d12	25.011	264	195112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	192428	102.186	ng	0.00
7) Phenol-d6	7.247	99	290034	101.484	ng	0.00
23) Nitrobenzene-d5	9.244	82	208884	67.271	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	124050	87.064	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	441150	66.730	ng	0.00
79) Terphenyl-d14	20.053	244	637795	61.601	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.238	70	29032	14.158	ng	# 78
51) 2,6-Dinitrotoluene	14.707	165	12486	8.348	ng	# 16
57) 2,4-Dinitrotoluene	14.707	165	12486	5.759	ng	# 21
67) 4-Bromophenyl-phenylether	16.193	248	8339	3.457	ng	# 1
77) Benzidine	20.059	184	11130	2.678	ng	# 91

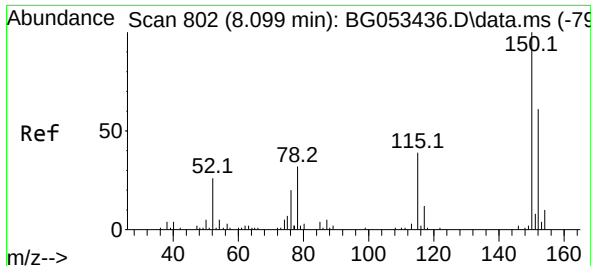
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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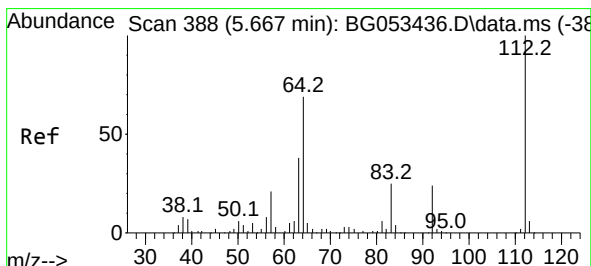
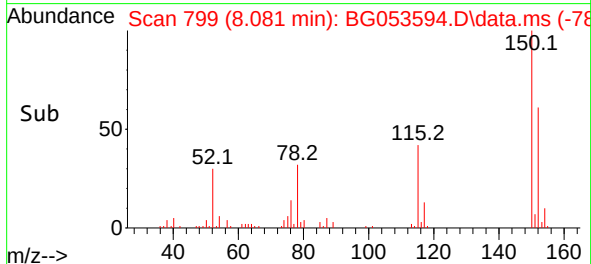
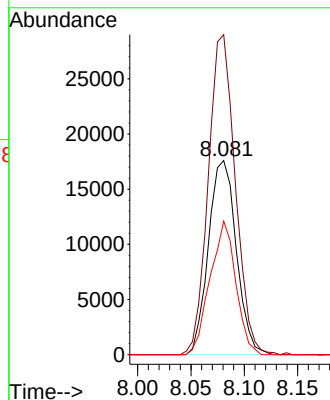
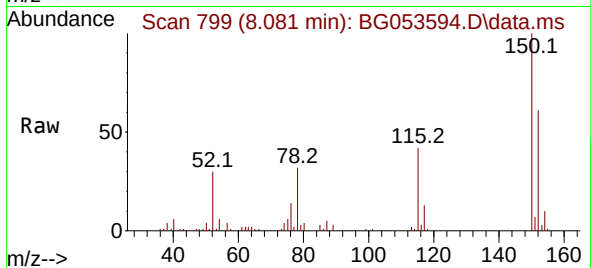




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 79
Delta R.T. -0.008 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

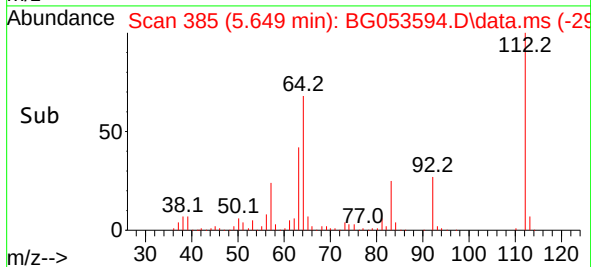
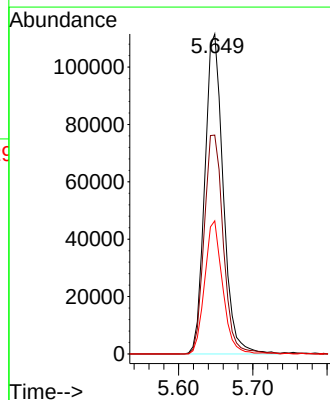
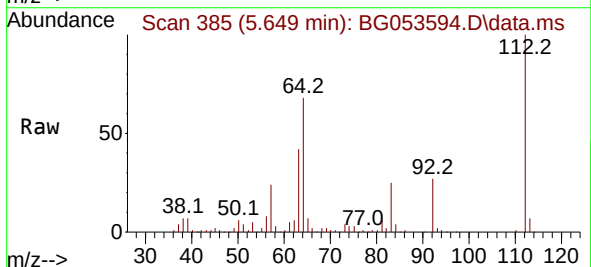
Instrument :
BNA_G
ClientSampleId :
SB09

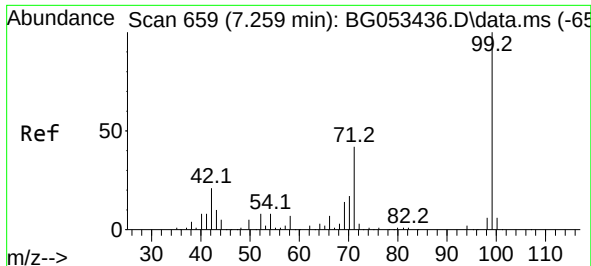
Tgt Ion:152 Resp: 31959
Ion Ratio Lower Upper
152 100
150 164.9 131.6 197.4
115 68.8 50.9 76.3



#5
2-Fluorophenol
Concen: 102.186 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion:112 Resp: 192428
Ion Ratio Lower Upper
112 100
64 68.4 55.1 82.7
63 41.6 30.4 45.6

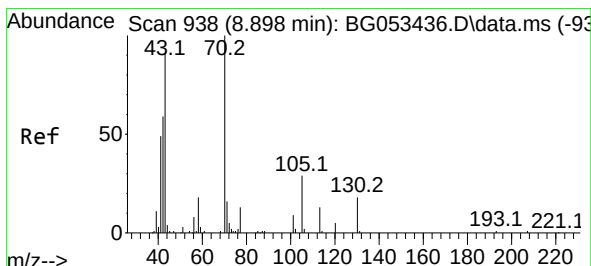
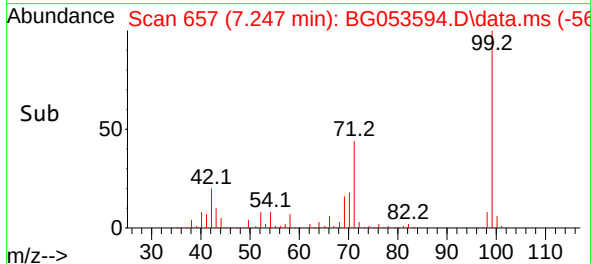
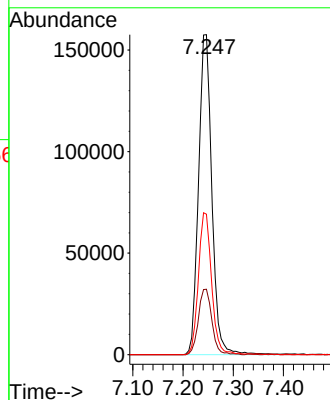
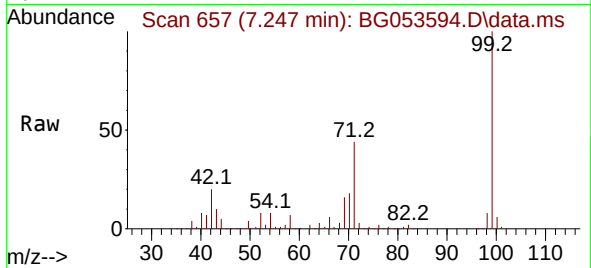




#7
Phenol-d6
Concen: 101.484 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

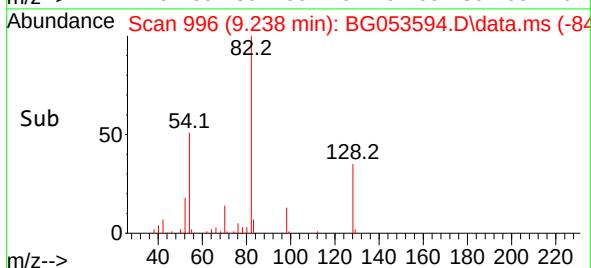
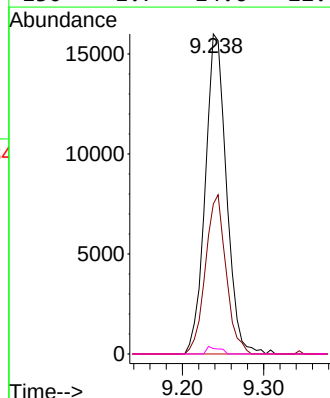
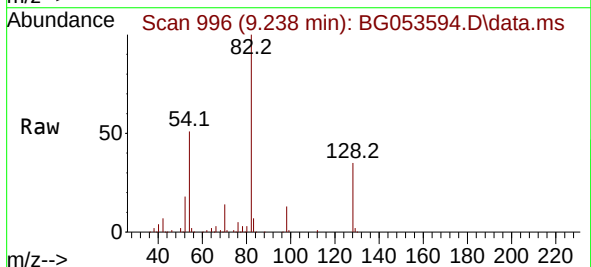
Instrument :
BNA_G
ClientSampleId :
SB09

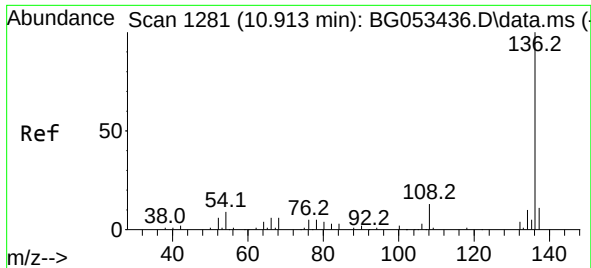
Tgt Ion: 99 Resp: 290034
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 43.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.158 ng
RT: 9.238 min Scan# 996
Delta R.T. 0.350 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion: 70 Resp: 29032
Ion Ratio Lower Upper
70 100
42 46.9 47.3 70.9#
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#

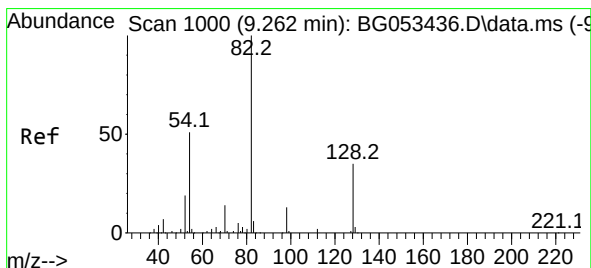
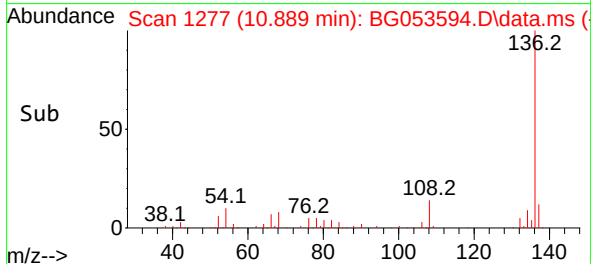
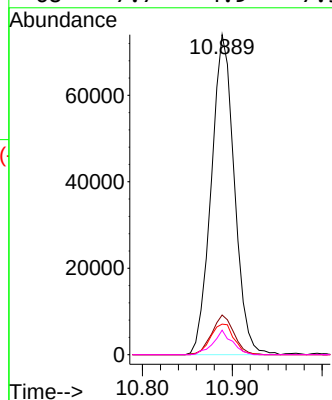
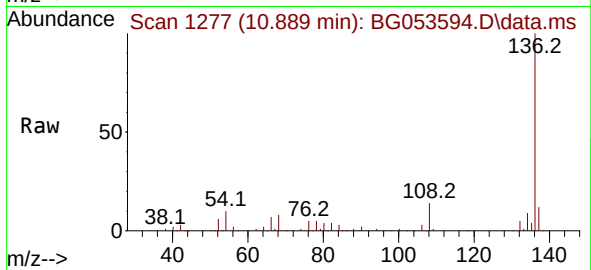




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

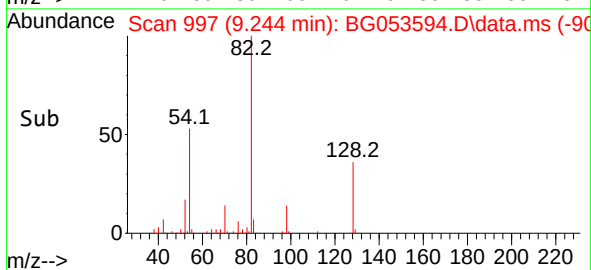
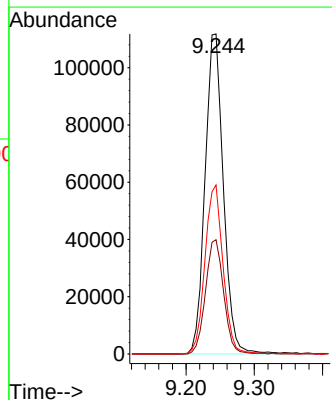
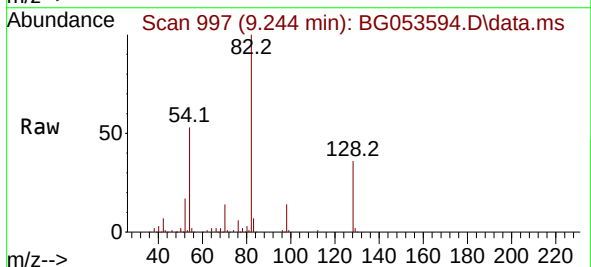
Instrument :
BNA_G
ClientSampleId :
SB09

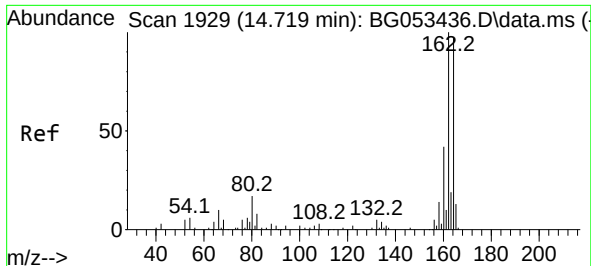
Tgt Ion:	136	Resp:	132180
Ion Ratio	Lower	Upper	
136	100		
137	12.4	8.5	12.7
54	9.6	7.4	11.2
68	7.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 67.271 ng
RT: 9.244 min Scan# 997
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion:	82	Resp:	208884
Ion Ratio	Lower	Upper	
82	100		
128	35.7	27.9	41.9
54	52.8	41.2	61.8

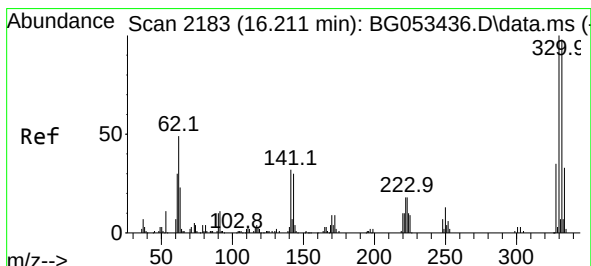
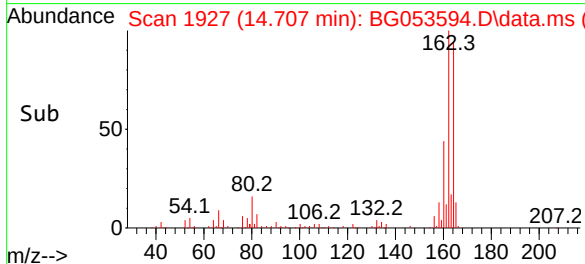
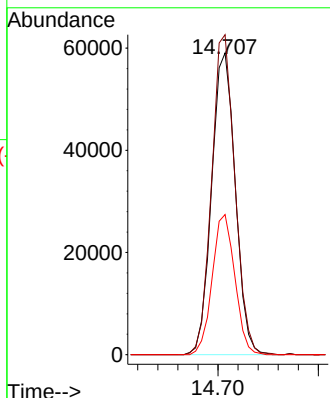
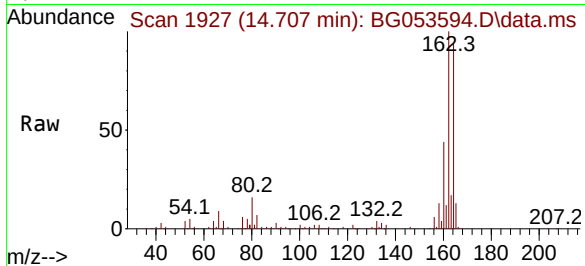




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.707 min Scan# 1929
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

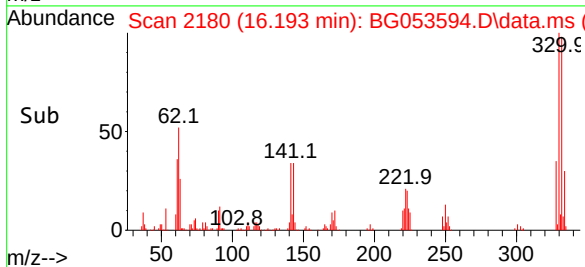
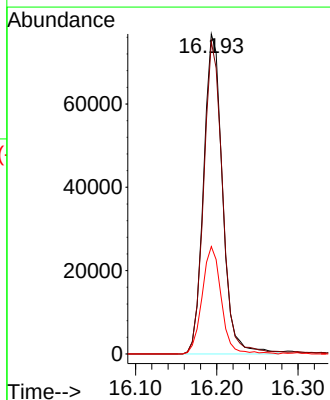
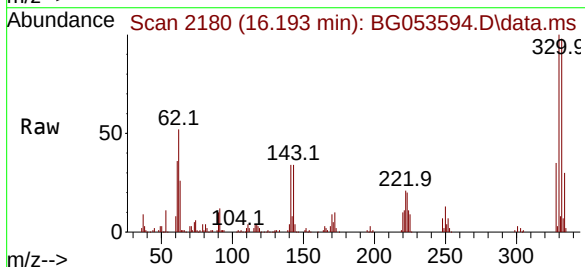
Instrument :
BNA_G
ClientSampleId :
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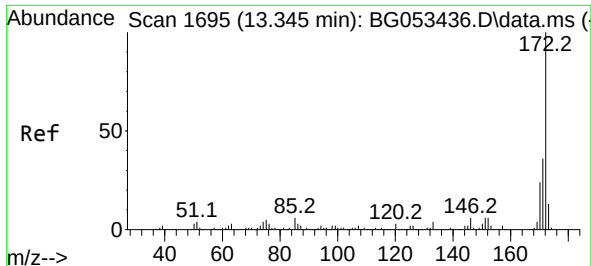
Tgt Ion:164 Resp: 96605
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 46.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 87.064 ng
RT: 16.193 min Scan# 2180
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion:330 Resp: 124050
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 33.9 27.1 40.7

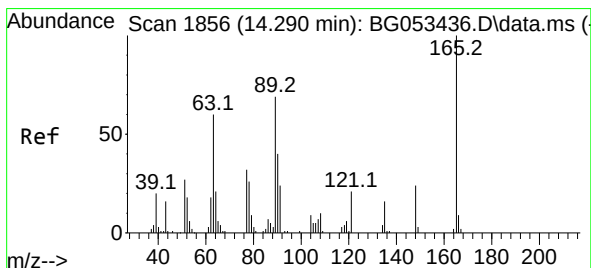
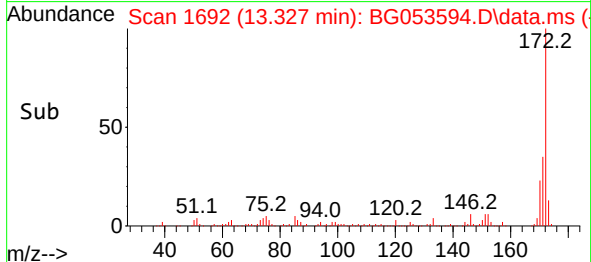
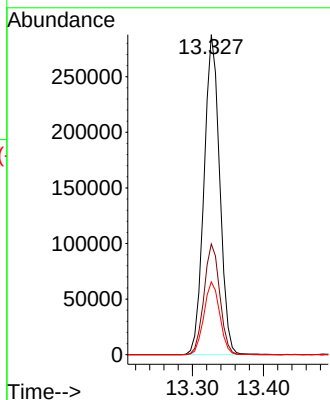
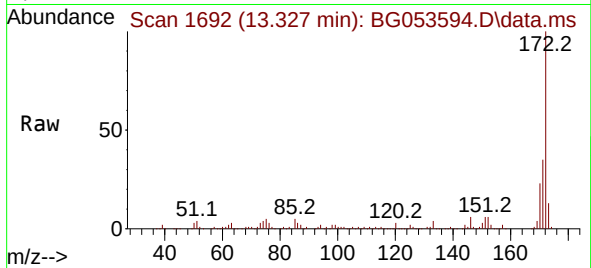




#45
2-Fluorobiphenyl
Concen: 66.730 ng
RT: 13.327 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

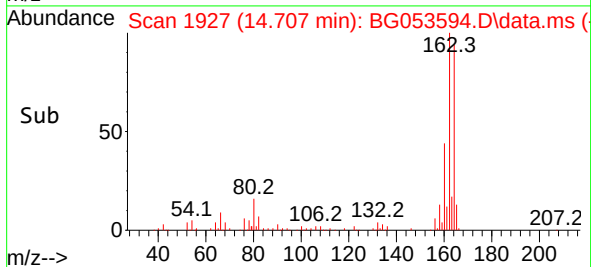
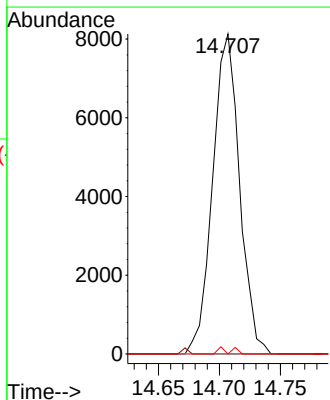
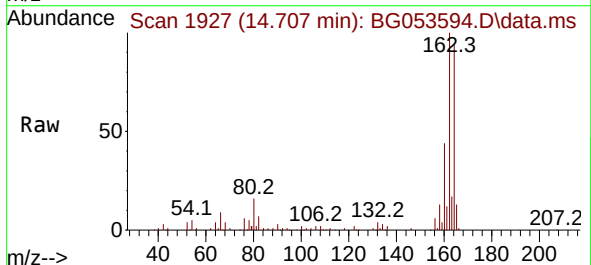
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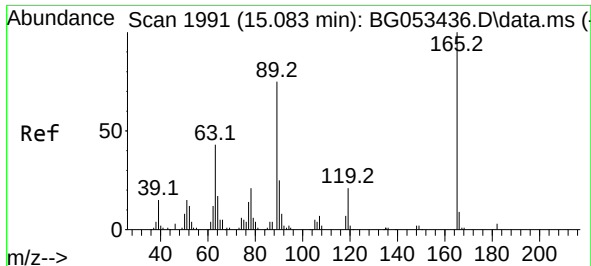
Tgt Ion:172 Resp: 441150
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.348 ng
RT: 14.707 min Scan# 1927
Delta R.T. 0.426 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion:165 Resp: 12486
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

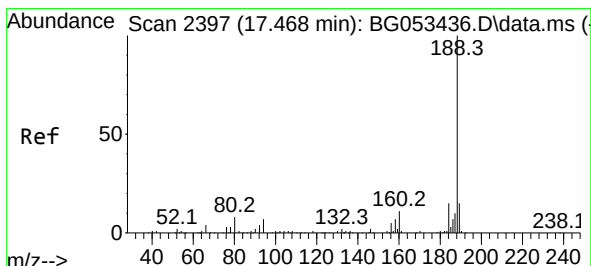
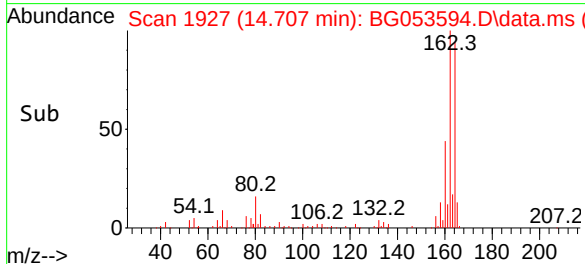
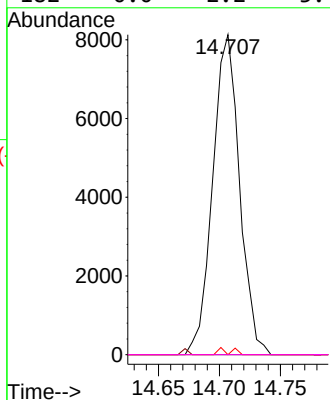
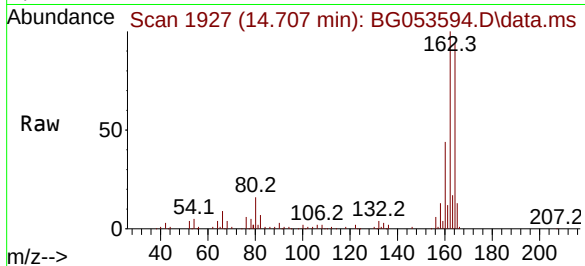




#57
2,4-Dinitrotoluene
Concen: 5.759 ng
RT: 14.707 min Scan# 1927
Delta R.T. -0.367 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

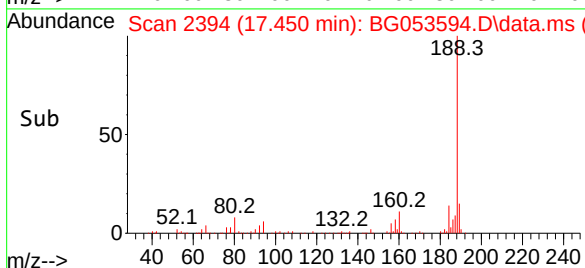
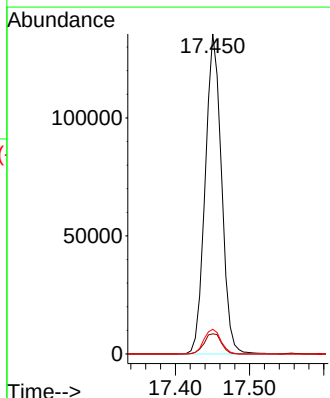
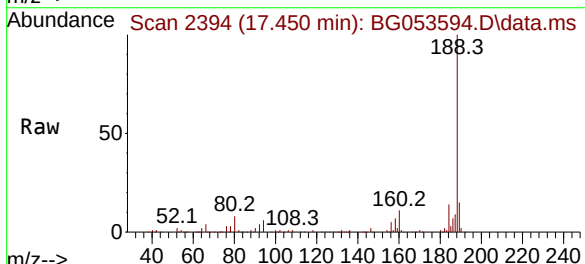
Instrument :
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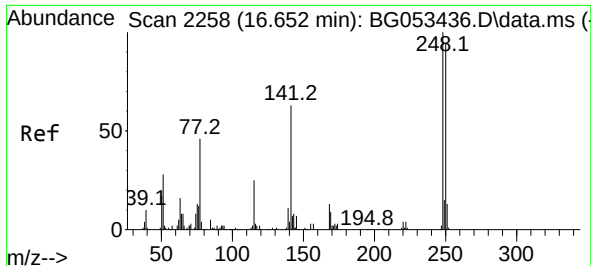
Tgt Ion:165	Resp:	12486
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	0.0	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion:188	Resp:	206556
Ion Ratio	Lower	Upper
188	100	
94	6.3	5.4
80	7.7	6.8

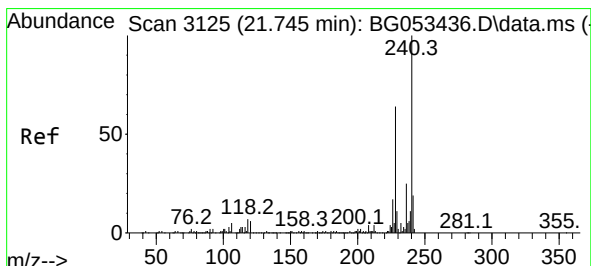
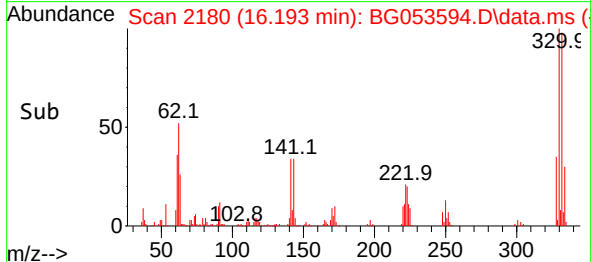
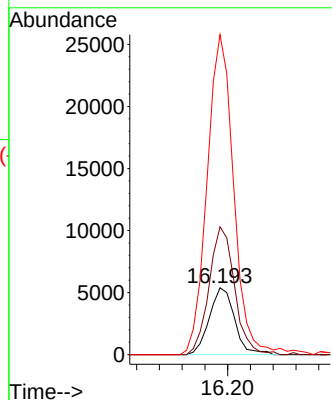
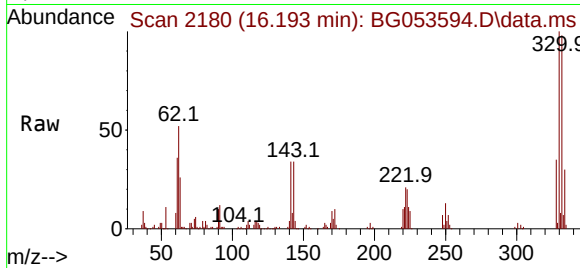




#67
4-Bromophenyl-phenylether
Concen: 3.457 ng
RT: 16.193 min Scan# 2118
Delta R.T. -0.449 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

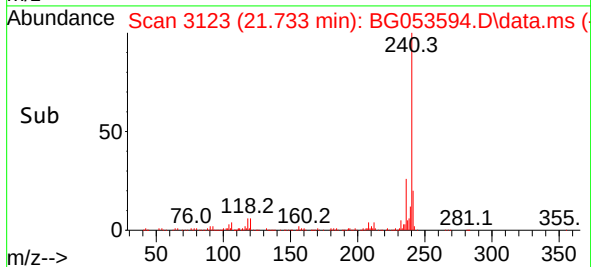
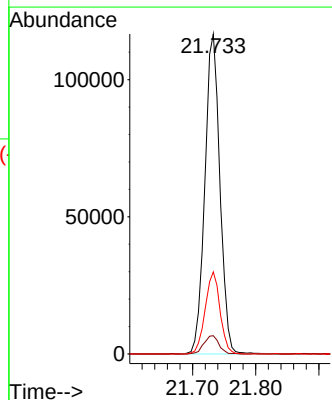
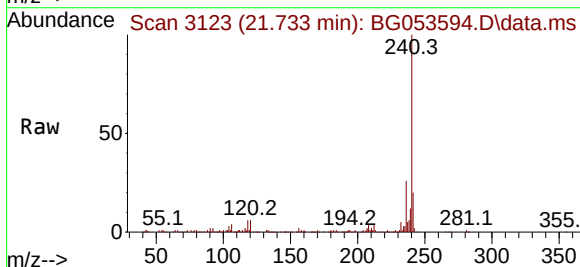
Instrument :
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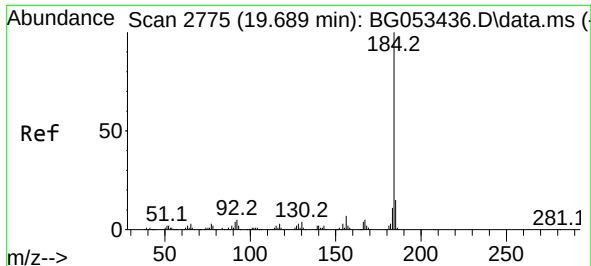
Tgt Ion:248 Resp: 8339
Ion Ratio Lower Upper
248 100
250 191.1 75.2 112.8#
141 478.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion:240 Resp: 192835
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 25.6 20.2 30.4

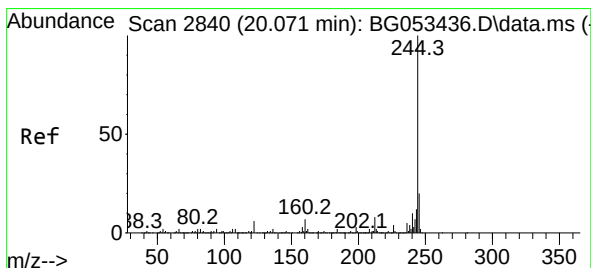
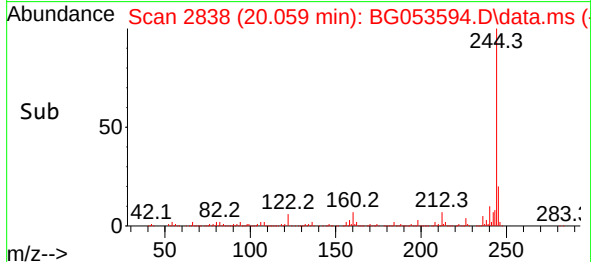
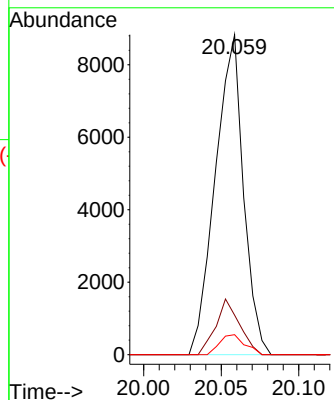
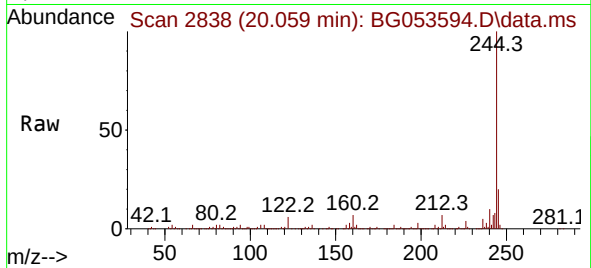




#77
Benzidine
Concen: 2.678 ng
RT: 20.059 min Scan# 21
Delta R.T. 0.379 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

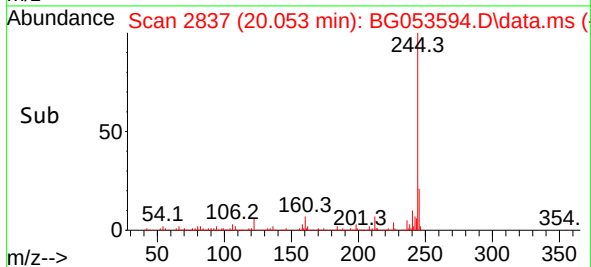
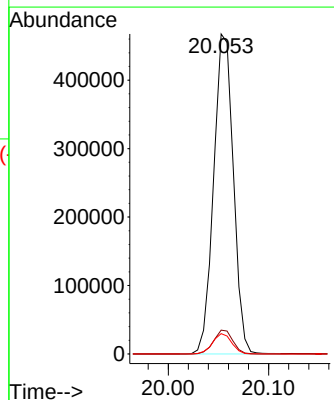
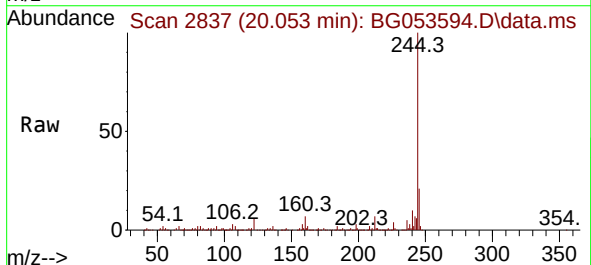
Instrument :
BNA_G
ClientSampleId :
SB09

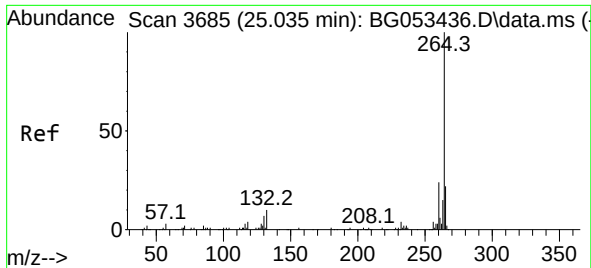
Tgt Ion:184 Resp: 11130
Ion Ratio Lower Upper
184 100
185 12.3 11.8 17.6
183 6.2 8.9 13.3#



#79
Terphenyl-d14
Concen: 61.601 ng
RT: 20.053 min Scan# 2837
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

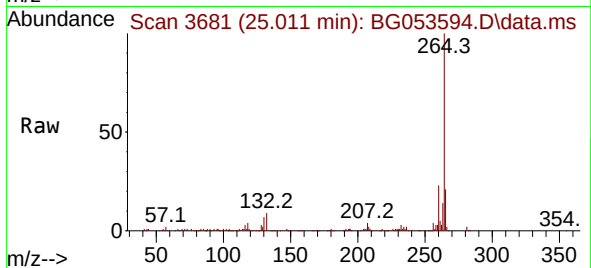
Tgt Ion:244 Resp: 637795
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.4 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.011 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Instrument :
BNA_G
ClientSampleId :
SB09



Tgt Ion:264 Resp: 195112

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.2	17.4	26.2

