

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058796.D
 Acq On : 21 Aug 2023 16:32
 Operator : MA/JU
 Sample : 04086-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP17B

Quant Time: Aug 22 01:28:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

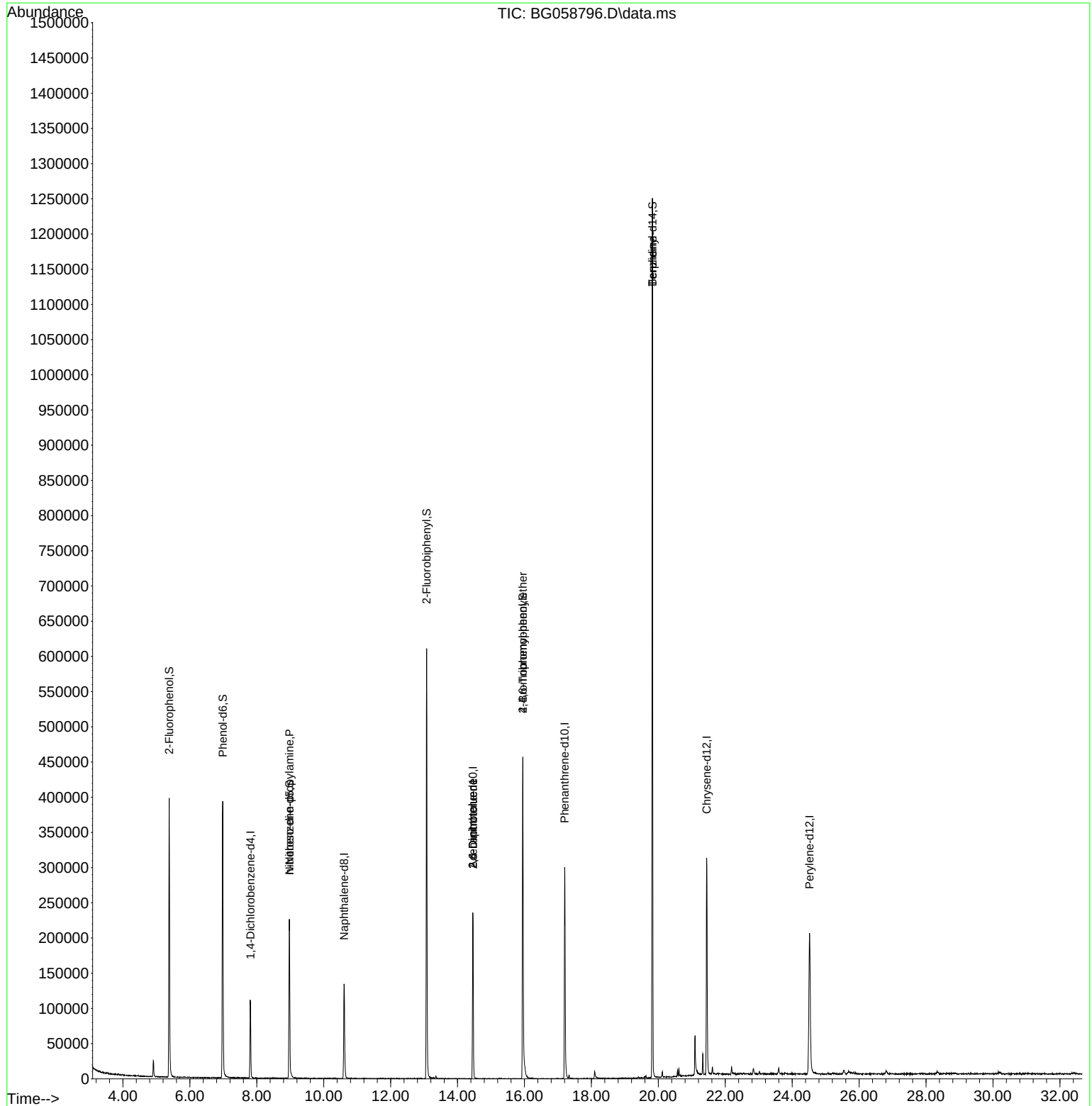
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	31304	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	126671	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	92402	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	230952	20.000	ng	0.00
76) Chrysene-d12	21.443	240	207249	20.000	ng	0.00
86) Perylene-d12	24.516	264	251995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	166393	85.538	ng	0.00
7) Phenol-d6	6.983	99	228172	83.604	ng	0.00
23) Nitrobenzene-d5	8.975	82	141068	53.542	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	117818	81.319	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	347964	54.771	ng	0.00
79) Terphenyl-d14	19.821	244	643844	55.782	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	18541	10.510	ng	Qvalue # 68
51) 2,6-Dinitrotoluene	14.457	165	11848	7.883	ng	# 22
57) 2,4-Dinitrotoluene	14.457	165	11848	5.651	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	7015	2.768	ng	# 1
77) Benzidine	19.821	184	9027	2.430	ng	# 94

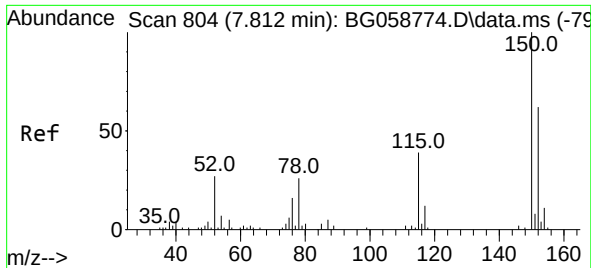
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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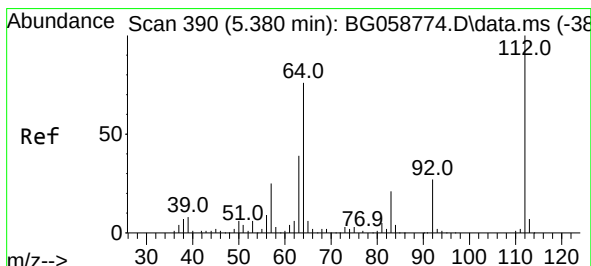
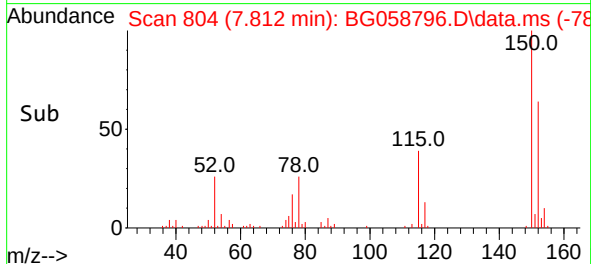
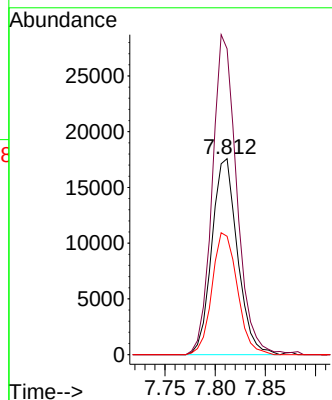
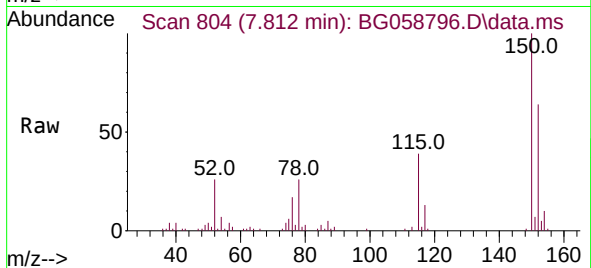




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.000 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

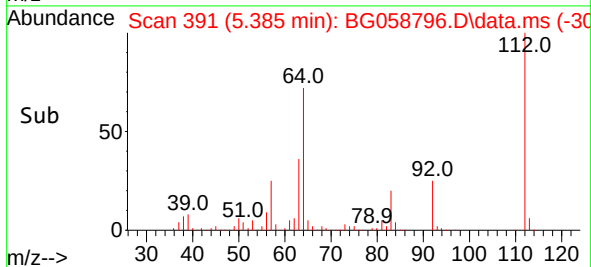
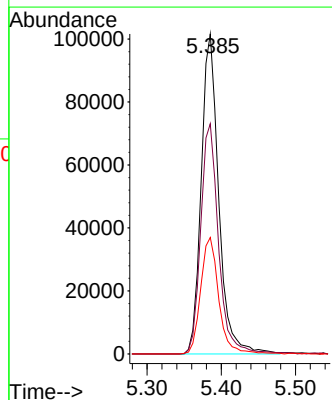
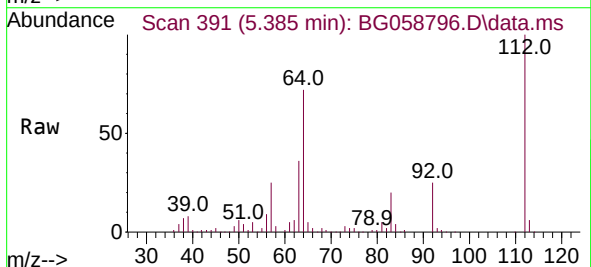
Instrument :
BNA_G
ClientSampleId :
B-PP17B

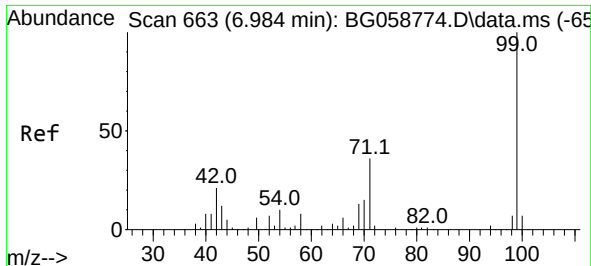
Tgt Ion:152 Resp: 31304
Ion Ratio Lower Upper
152 100
150 156.1 128.6 192.8
115 60.4 50.4 75.6



#5
2-Fluorophenol
Concen: 85.538 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.005 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

Tgt Ion:112 Resp: 166393
Ion Ratio Lower Upper
112 100
64 71.9 60.6 90.8
63 36.4 31.0 46.4

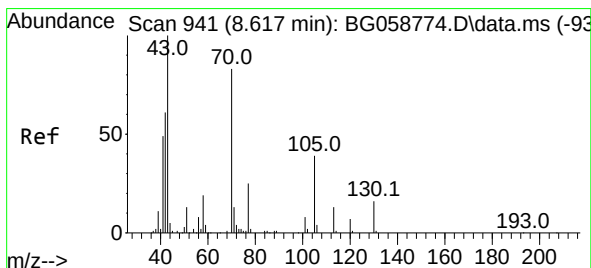
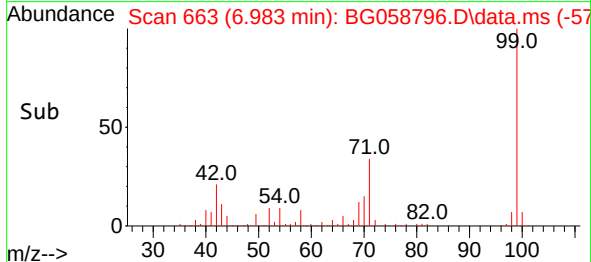
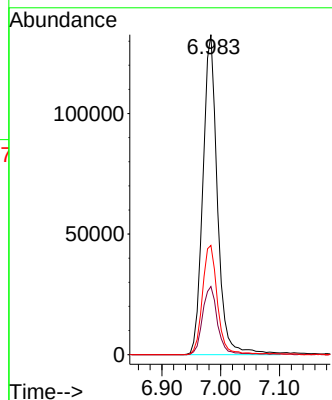
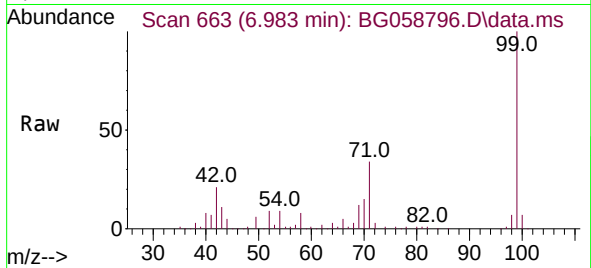




#7
Phenol-d6
Concen: 83.604 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

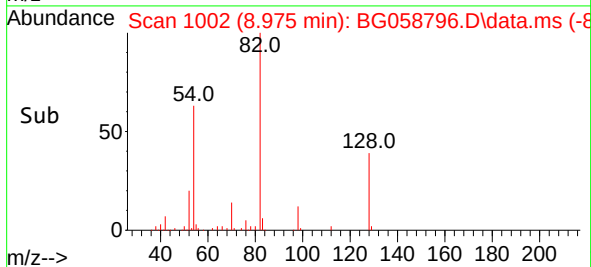
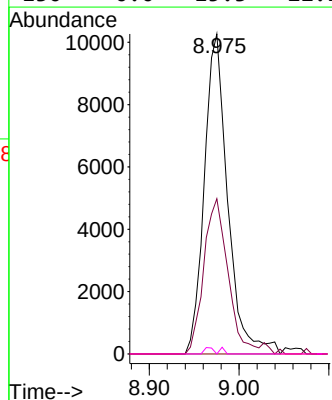
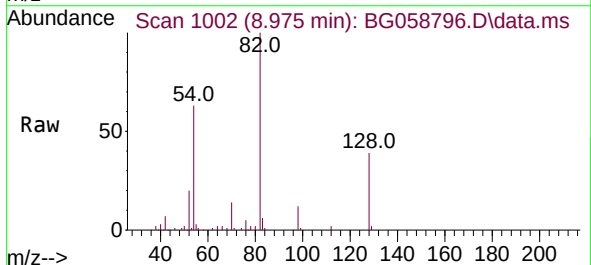
Instrument :
BNA_G
ClientSampleId :
B-PP17B

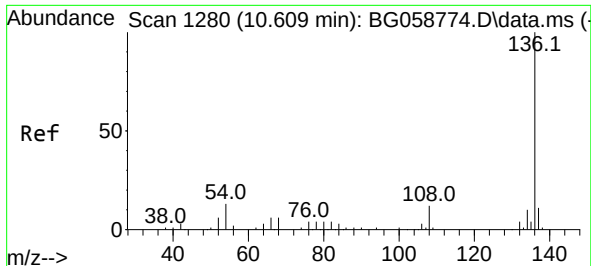
Tgt Ion: 99 Resp: 228172
Ion Ratio Lower Upper
99 100
42 21.3 16.5 24.7
71 34.1 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.510 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.358 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

Tgt Ion: 70 Resp: 18541
Ion Ratio Lower Upper
70 100
42 48.5 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

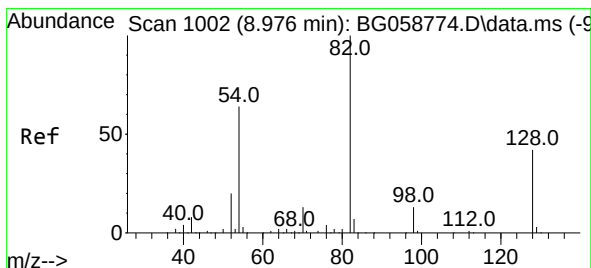
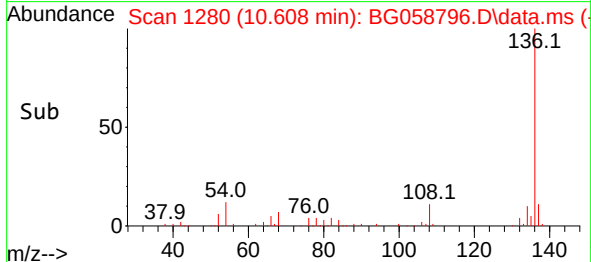
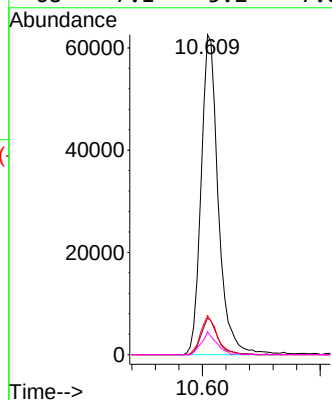
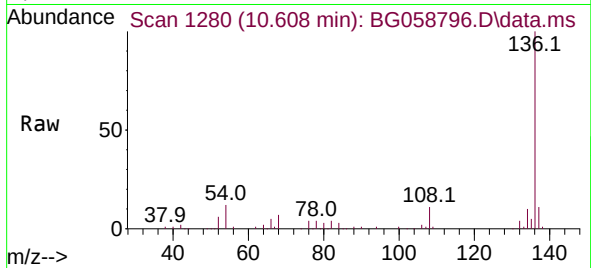




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

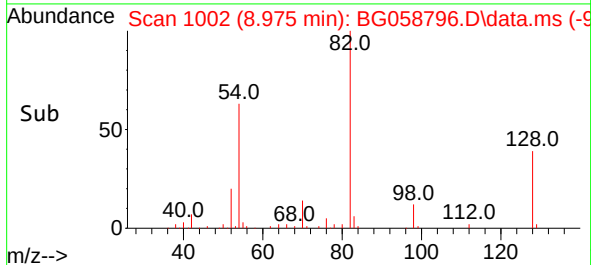
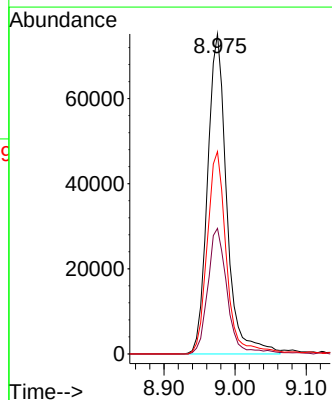
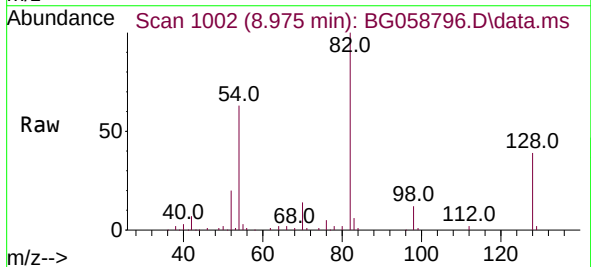
Instrument :
BNA_G
ClientSampleId :
B-PP17B

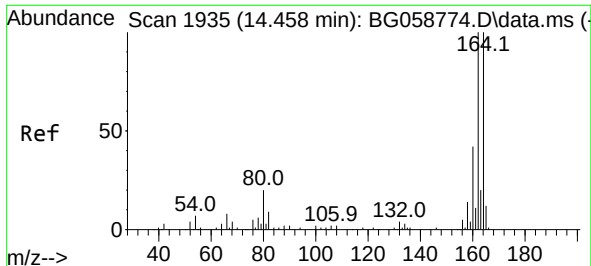
Tgt Ion:136 Resp: 126671
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 12.2 10.1 15.1
68 7.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 53.542 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.001 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

Tgt Ion: 82 Resp: 141068
Ion Ratio Lower Upper
82 100
128 39.2 33.2 49.8
54 63.2 51.2 76.8

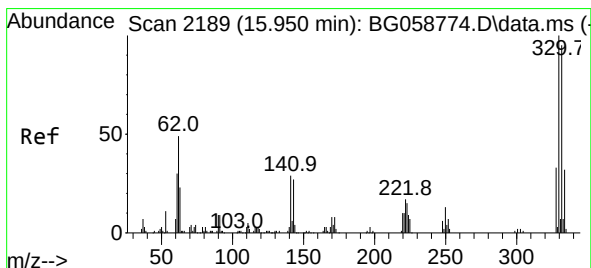
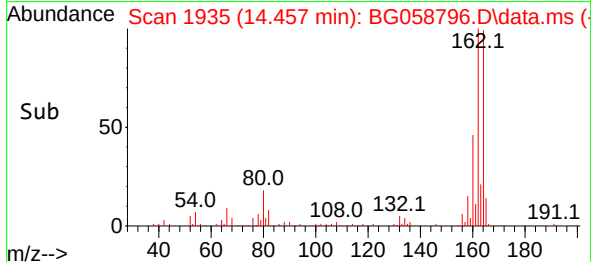
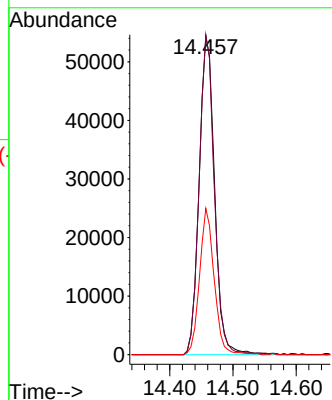
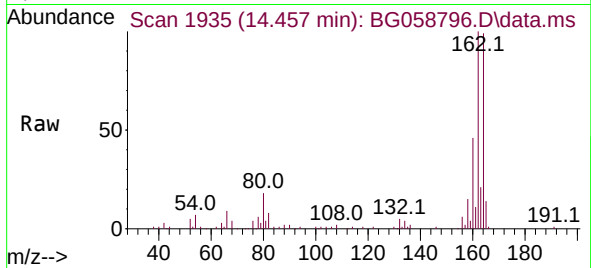




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

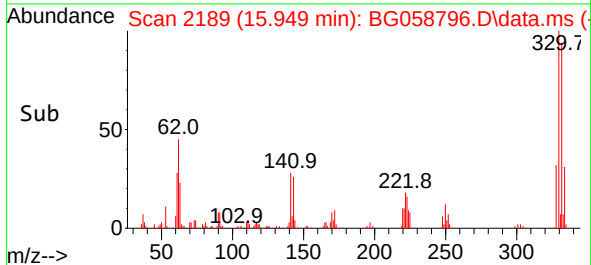
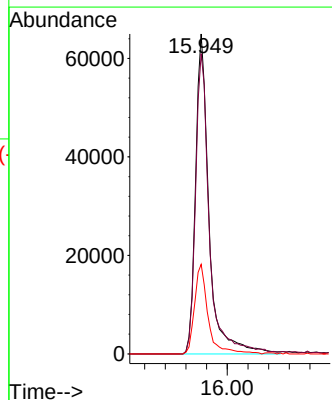
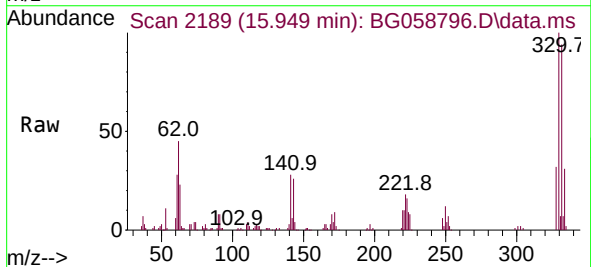
Instrument :
BNA_G
ClientSampleId :
B-PP17B

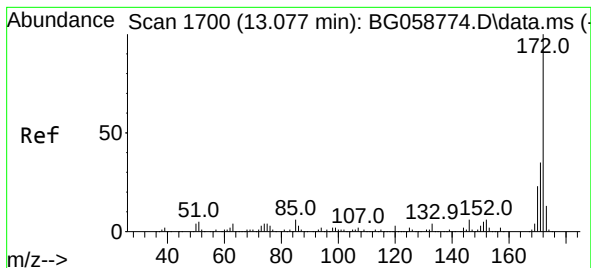
Tgt Ion:164 Resp: 92402
Ion Ratio Lower Upper
164 100
162 100.6 79.6 119.4
160 45.9 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 81.319 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

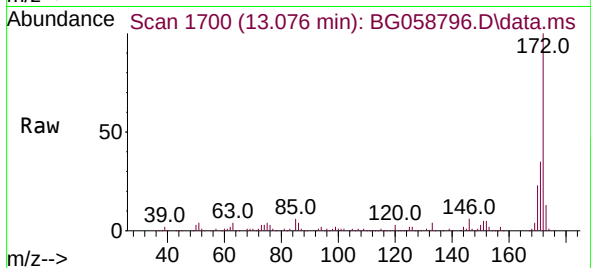
Tgt Ion:330 Resp: 117818
Ion Ratio Lower Upper
330 100
332 96.0 78.5 117.7
141 28.0 23.0 34.6



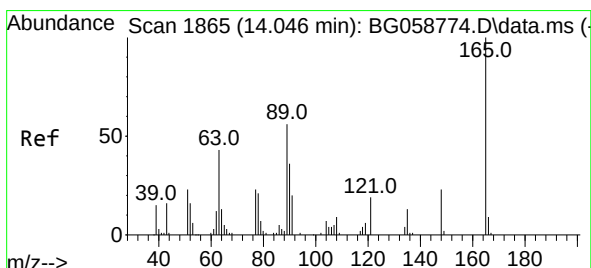
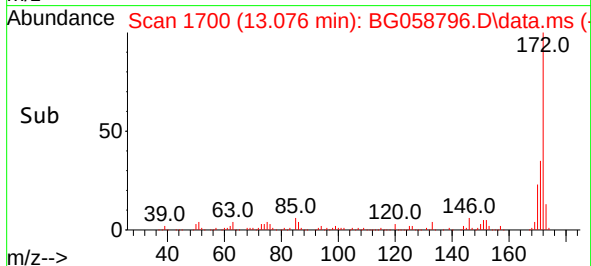
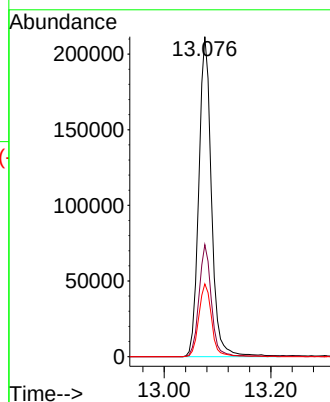


#45
2-Fluorobiphenyl
Concen: 54.771 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

Instrument :
BNA_G
ClientSampleId :
B-PP17B

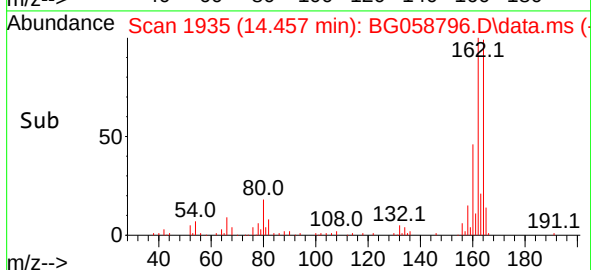
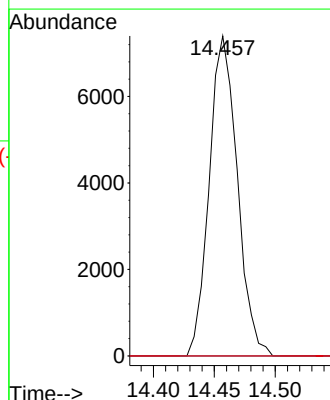
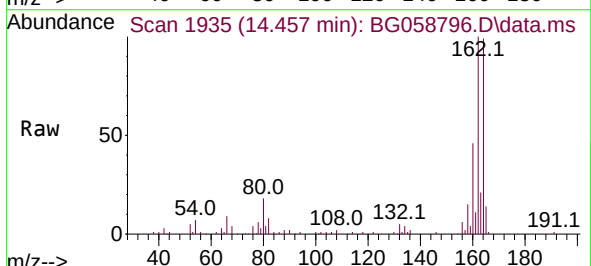


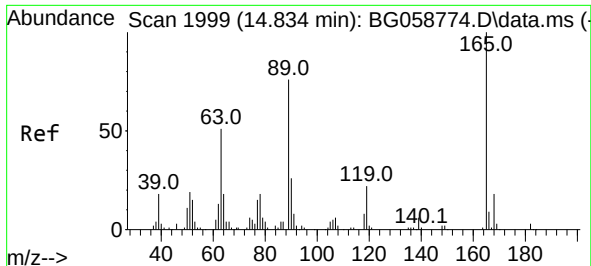
Tgt Ion:172 Resp: 347964
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 22.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.883 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

Tgt Ion:165 Resp: 11848
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

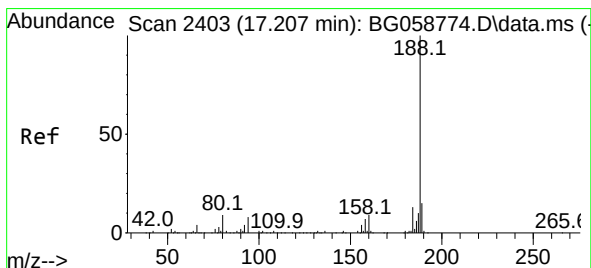
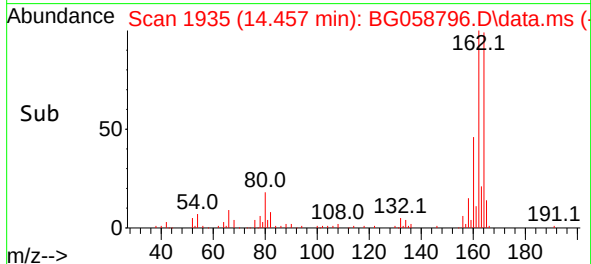
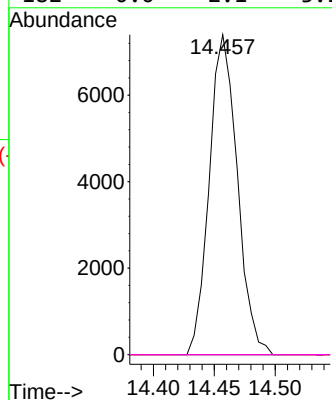
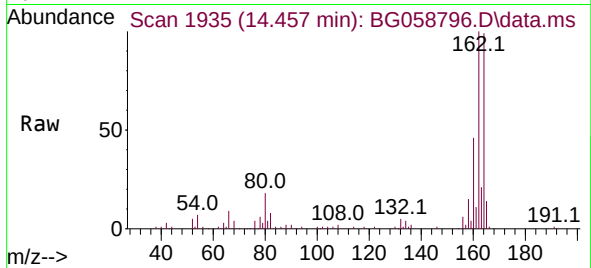




#57
2,4-Dinitrotoluene
Concen: 5.651 ng
RT: 14.457 min Scan# 1999
Delta R.T. -0.377 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

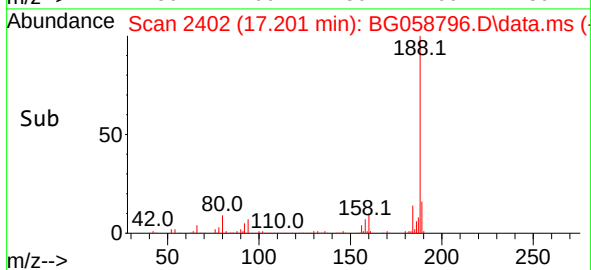
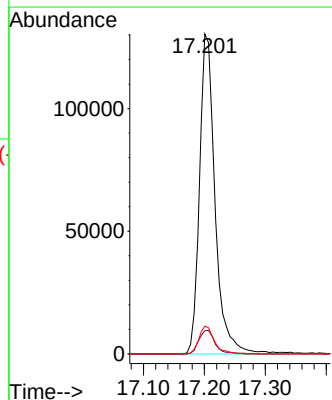
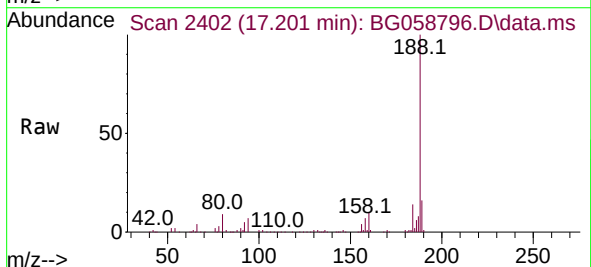
Instrument :
BNA_G
ClientSampleId :
B-PP17B

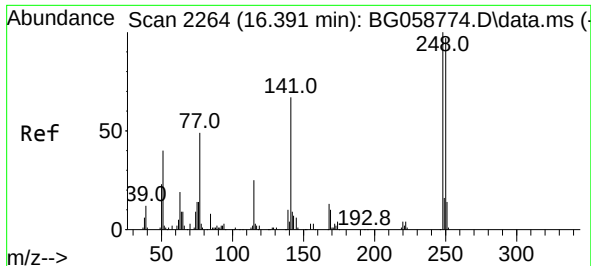
Tgt Ion:165 Resp: 11848
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

Tgt Ion:188 Resp: 230952
Ion Ratio Lower Upper
188 100
94 7.2 6.1 9.1
80 8.7 6.9 10.3

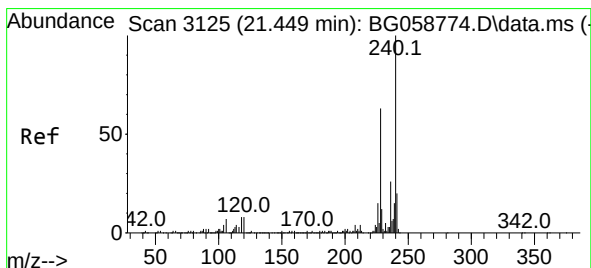
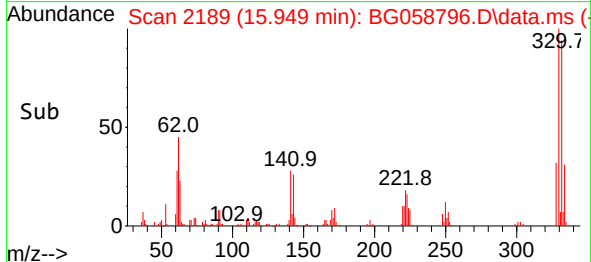
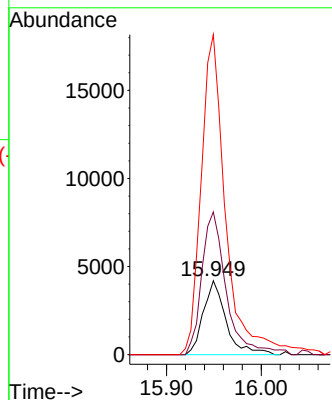
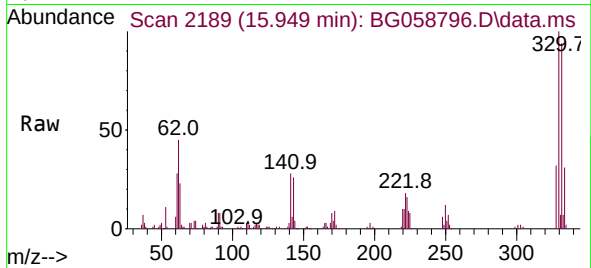




#67
4-Bromophenyl-phenylether
Concen: 2.768 ng
RT: 15.949 min Scan# 211
Delta R.T. -0.442 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

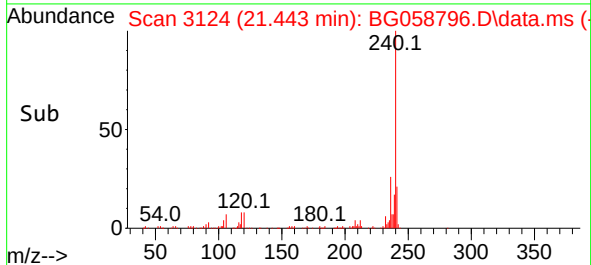
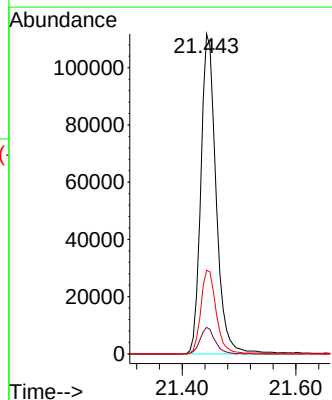
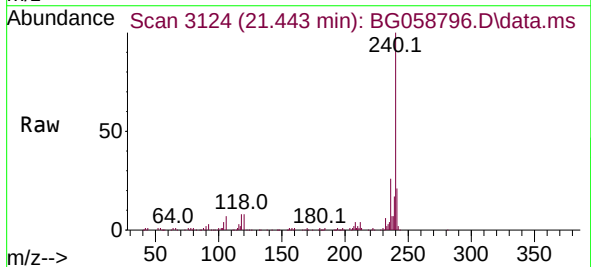
Instrument :
BNA_G
ClientSampleId :
B-PP17B

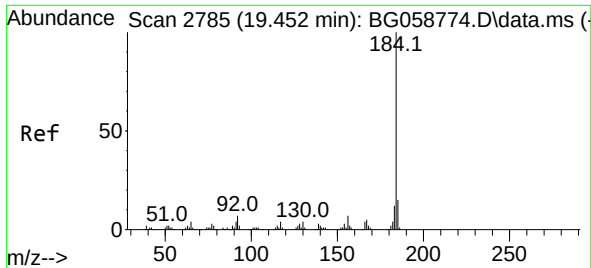
Tgt Ion:248 Resp: 7015
Ion Ratio Lower Upper
248 100
250 193.1 77.7 116.5#
141 433.3 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

Tgt Ion:240 Resp: 207249
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.2
236 26.1 20.5 30.7

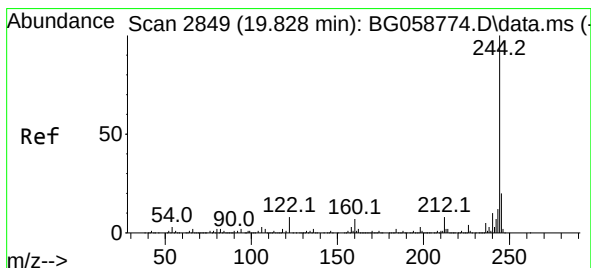
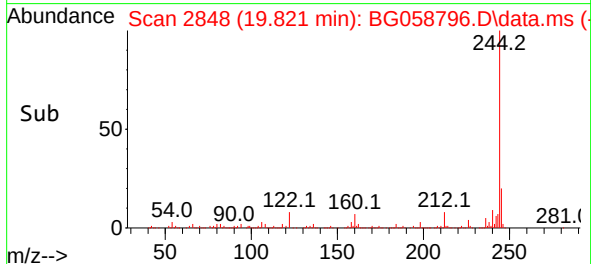
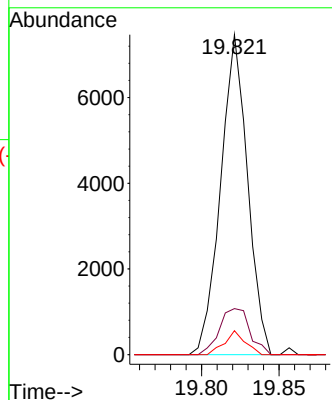
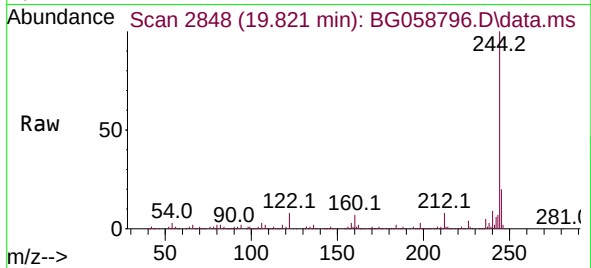




#77
Benzidine
Concen: 2.430 ng
RT: 19.821 min Scan# 2848
Delta R.T. 0.369 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

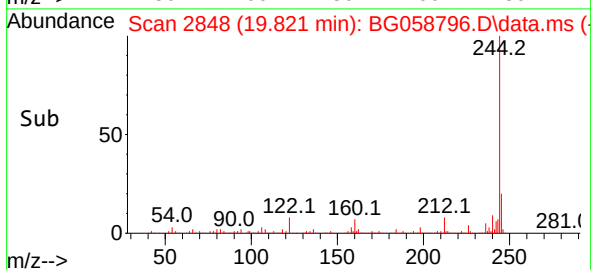
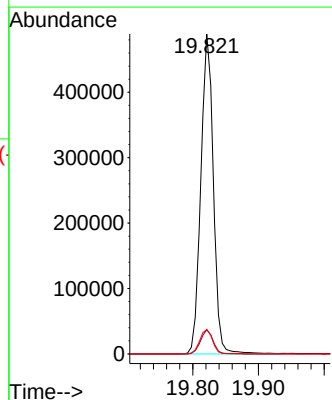
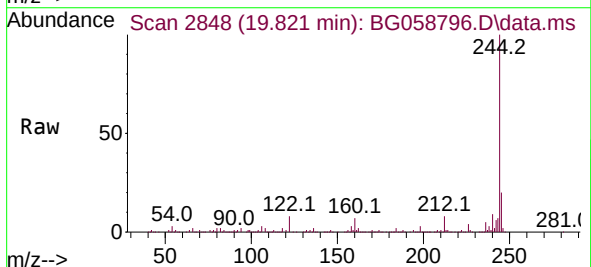
Instrument :
BNA_G
ClientSampleId :
B-PP17B

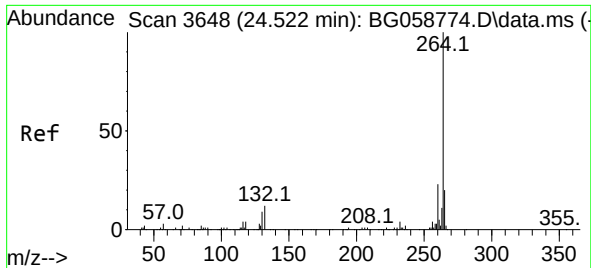
Tgt Ion:184 Resp: 9027
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 7.5 10.0 15.0#



#79
Terphenyl-d14
Concen: 55.782 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BG058796.D
Acq: 21 Aug 2023 16:32

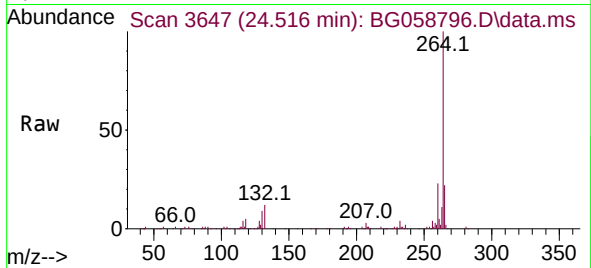
Tgt Ion:244 Resp: 643844
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.6 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG058796.D
 Acq: 21 Aug 2023 16:32

Instrument :
 BNA_G
 ClientSampleId :
 B-PP17B



Tgt Ion:264 Resp: 251995

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	22.0	16.4	24.6

