

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058828.D
 Acq On : 23 Aug 2023 19:01
 Operator : MA/JU
 Sample : 04110-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-05(0-0.2)

Quant Time: Aug 24 02:46:20 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)

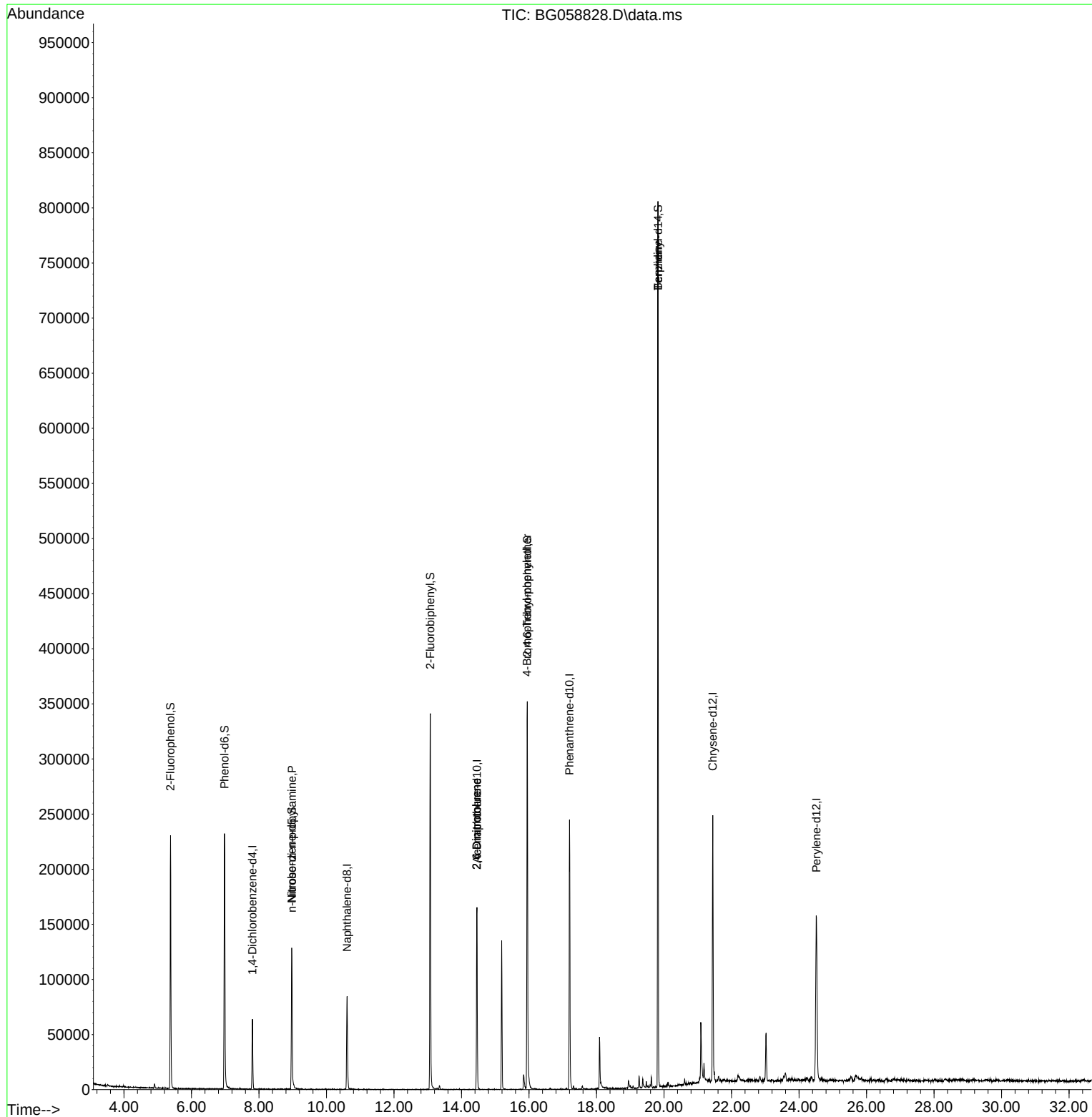
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	16851	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	79987	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	66163	20.000	ng	0.00
64) Phenanthrene-d10	17.200	188	167782	20.000	ng	0.00
76) Chrysene-d12	21.443	240	143722	20.000	ng	0.00
86) Perylene-d12	24.515	264	174976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	91515	87.396	ng	0.00
7) Phenol-d6	6.977	99	135121	91.973	ng	0.00
23) Nitrobenzene-d5	8.969	82	83055	49.922	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	86610	83.486	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	205659	45.210	ng	0.00
79) Terphenyl-d14	19.821	244	403616	50.426	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	10969	11.550	ng	# 70
51) 2,6-Dinitrotoluene	14.451	165	8029	7.460	ng	# 22
57) 2,4-Dinitrotoluene	14.451	165	8029	5.349	ng	# 19
67) 4-Bromophenyl-phenylether	15.943	248	5249	2.851	ng	# 1
77) Benzidine	19.821	184	5730	2.225	ng	# 92

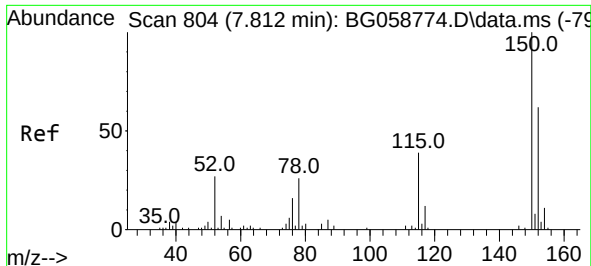
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058828.D
Acq On : 23 Aug 2023 19:01
Operator : MA/JU
Sample : 04110-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-TP-05(0-0.2)

Quant Time: Aug 24 02:46:20 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

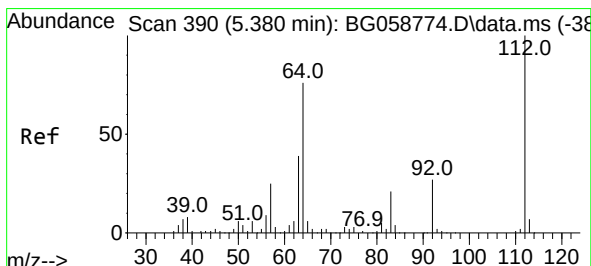
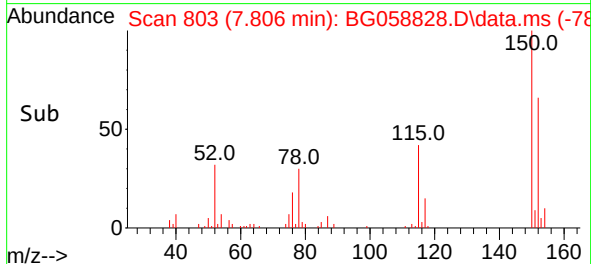
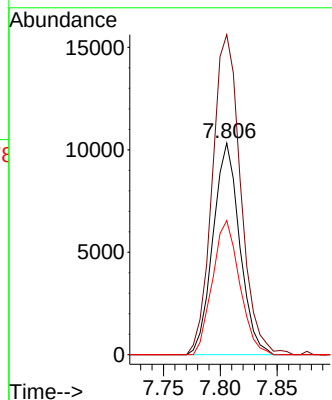
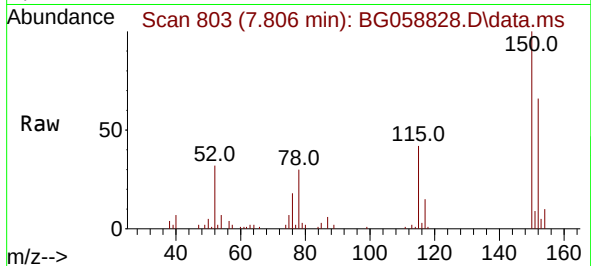




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

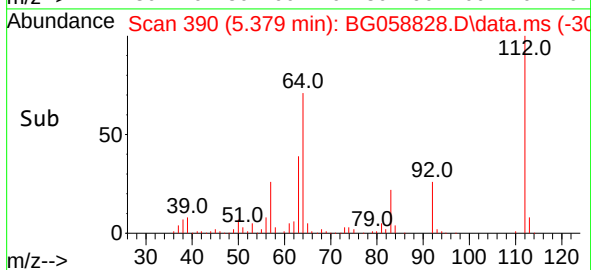
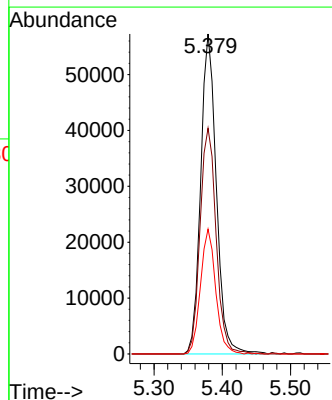
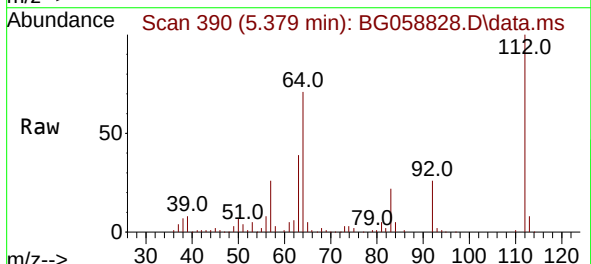
Instrument :
BNA_G
ClientSampleId :
SS-TP-05(0-0.2)

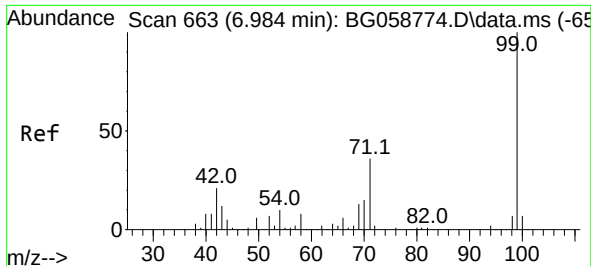
Tgt Ion:152 Resp: 16851
Ion Ratio Lower Upper
152 100
150 151.2 128.6 192.8
115 63.3 50.4 75.6



#5
2-Fluorophenol
Concen: 87.396 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

Tgt Ion:112 Resp: 91515
Ion Ratio Lower Upper
112 100
64 70.5 60.6 90.8
63 39.0 31.0 46.4

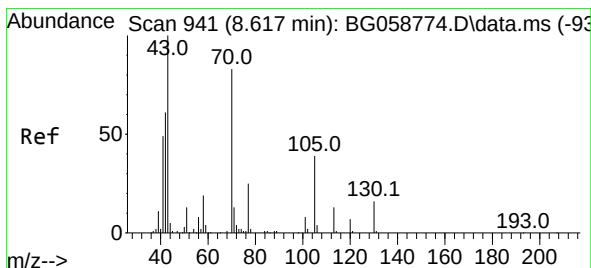
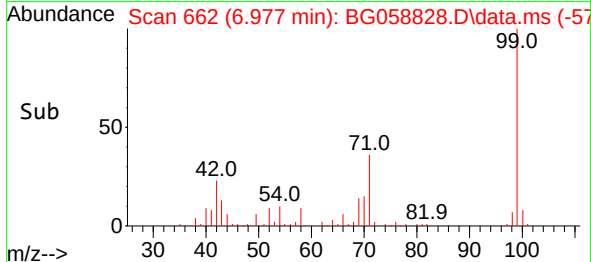
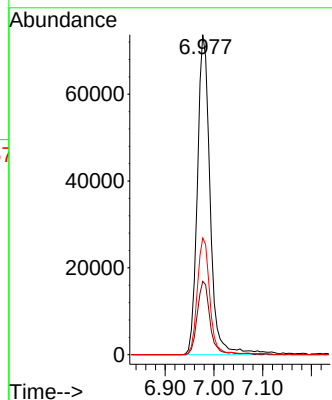
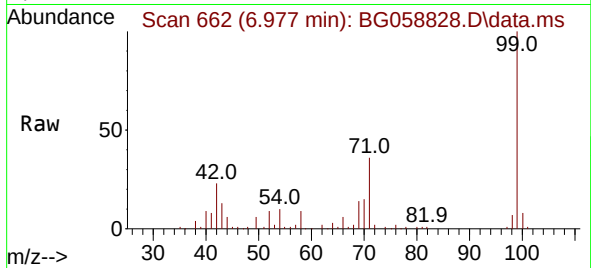




#7
Phenol-d6
Concen: 91.973 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

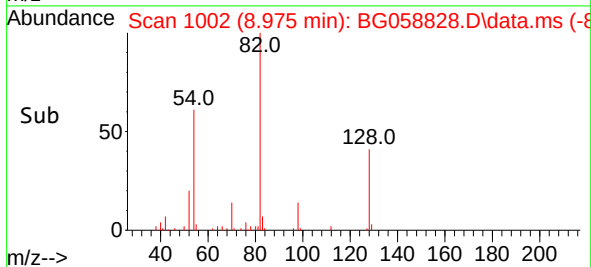
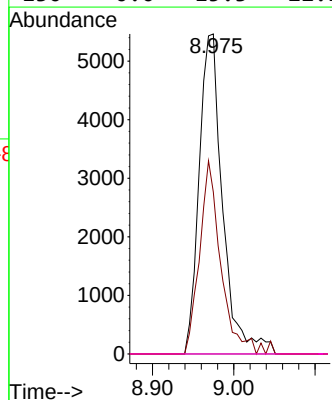
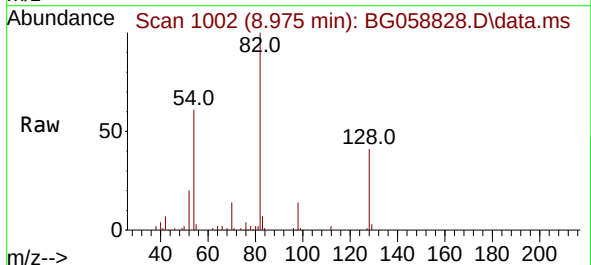
Instrument :
BNA_G
ClientSampleId :
SS-TP-05(0-0.2)

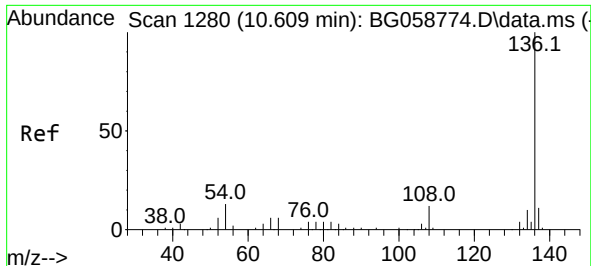
Tgt Ion: 99 Resp: 135121
Ion Ratio Lower Upper
99 100
42 22.9 16.5 24.7
71 36.5 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.550 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.357 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

Tgt Ion: 70 Resp: 10969
Ion Ratio Lower Upper
70 100
42 50.6 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

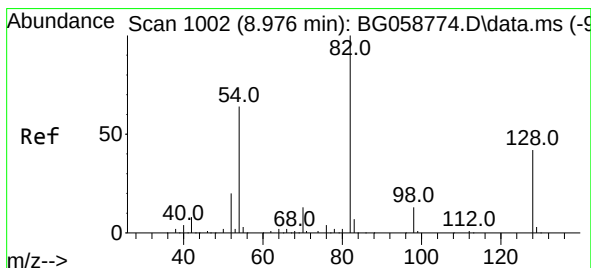
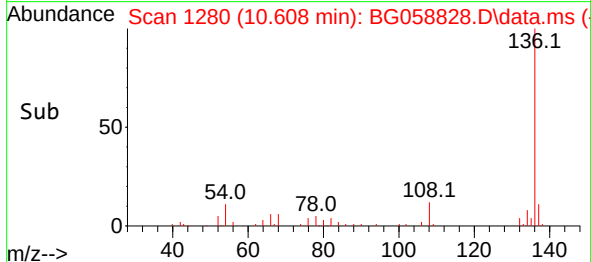
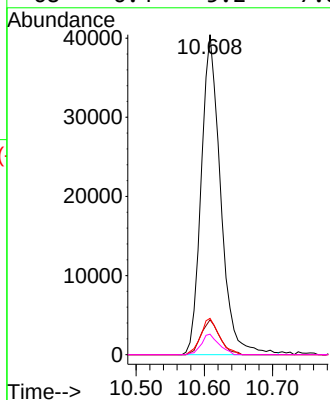
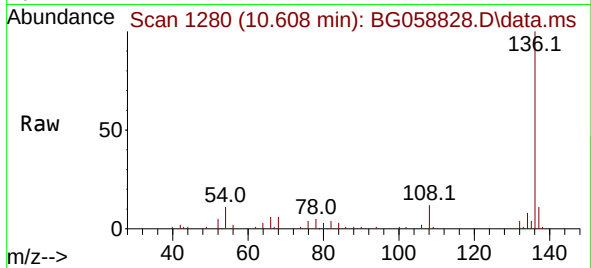




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

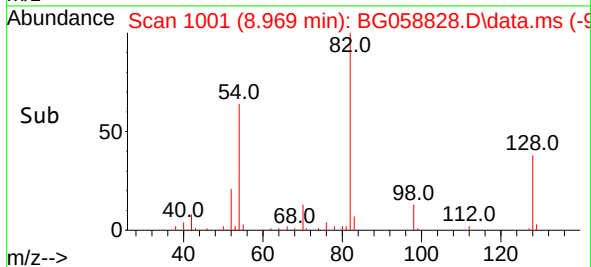
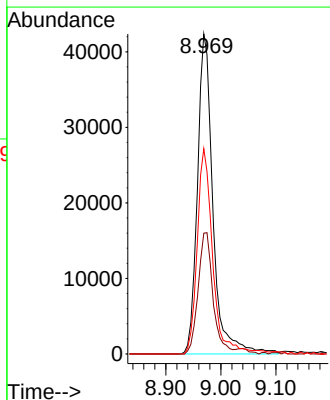
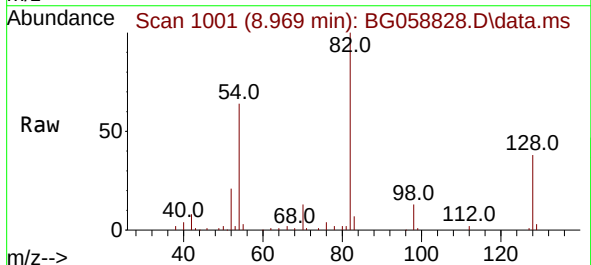
Instrument :
BNA_G
ClientSampleId :
SS-TP-05(0-0.2)

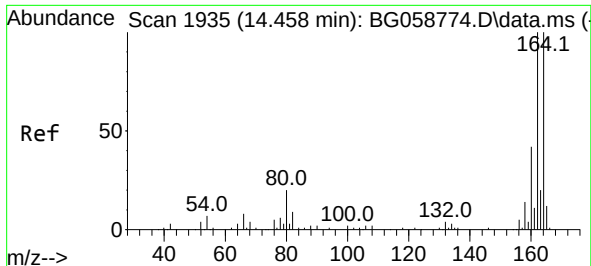
Tgt Ion:	136	Resp:	79987
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	11.4	10.1	15.1
68	6.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 49.922 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

Tgt Ion:	82	Resp:	83055
Ion Ratio	Lower	Upper	
82	100		
128	37.8	33.2	49.8
54	64.2	51.2	76.8

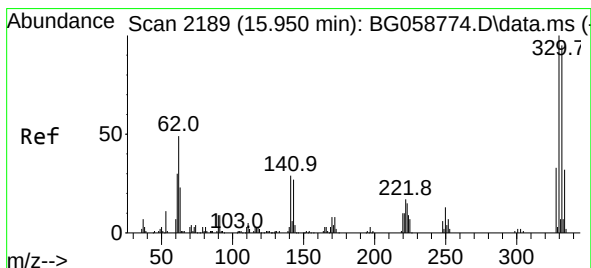
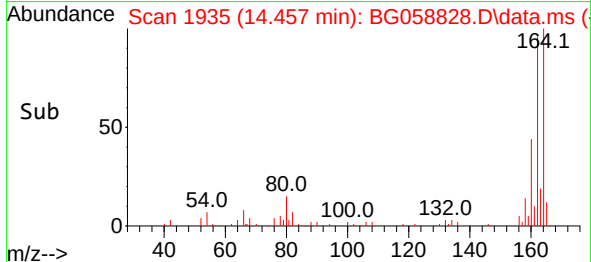
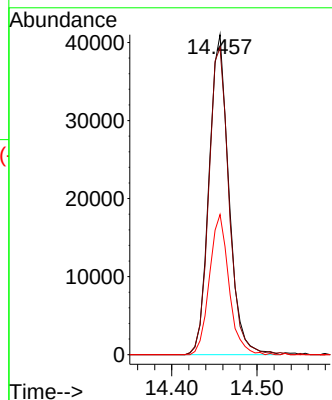
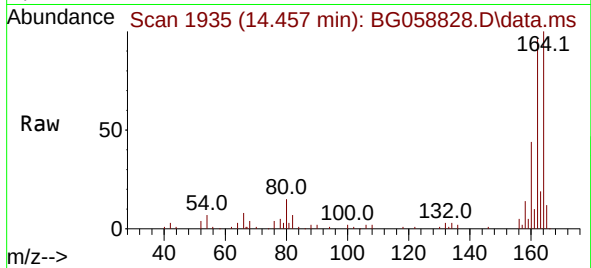




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

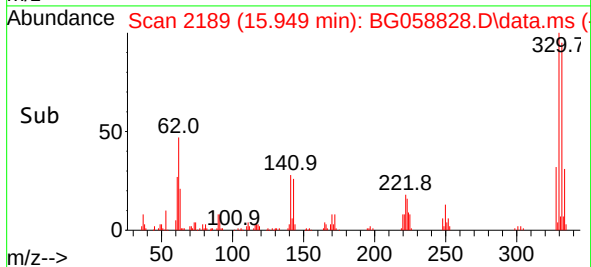
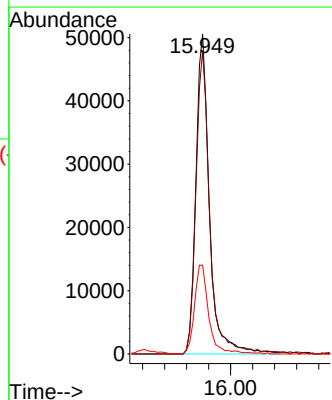
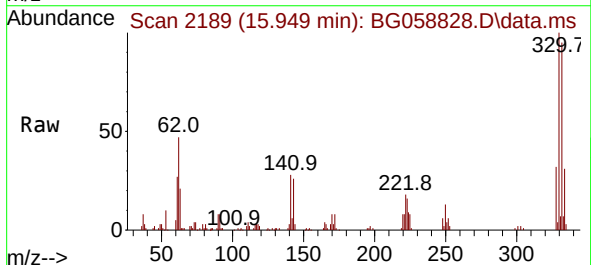
Instrument :
BNA_G
ClientSampleId :
SS-TP-05(0-0.2)

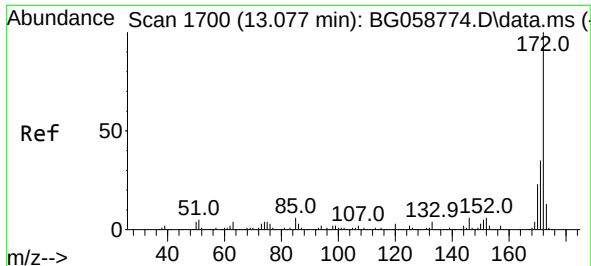
Tgt Ion:164 Resp: 66163
Ion Ratio Lower Upper
164 100
162 95.9 79.6 119.4
160 43.8 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 83.486 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

Tgt Ion:330 Resp: 86610
Ion Ratio Lower Upper
330 100
332 95.7 78.5 117.7
141 29.2 23.0 34.6

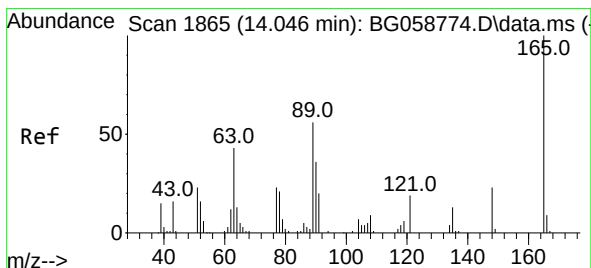
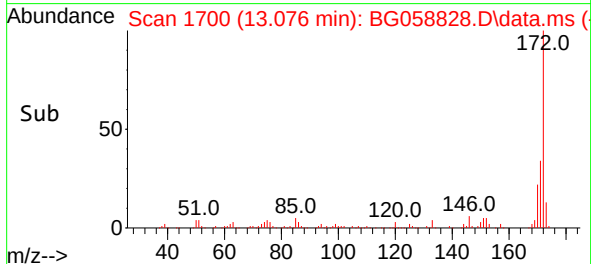
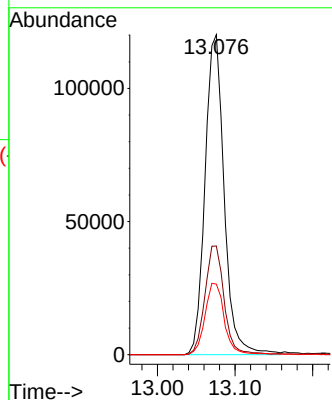
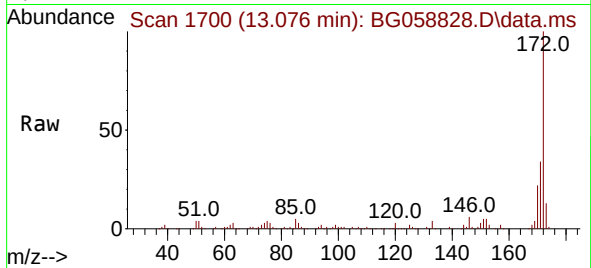




#45
2-Fluorobiphenyl
Concen: 45.210 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

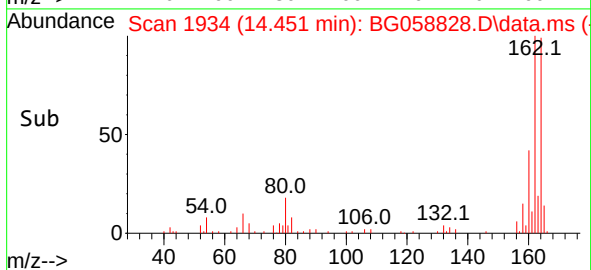
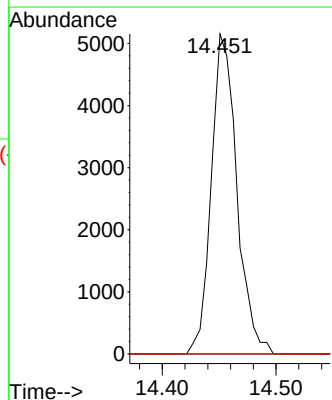
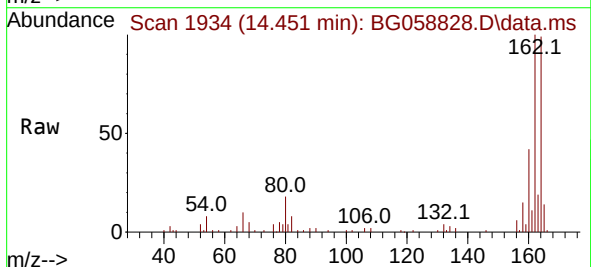
Instrument :
BNA_G
ClientSampleId :
SS-TP-05(0-0.2)

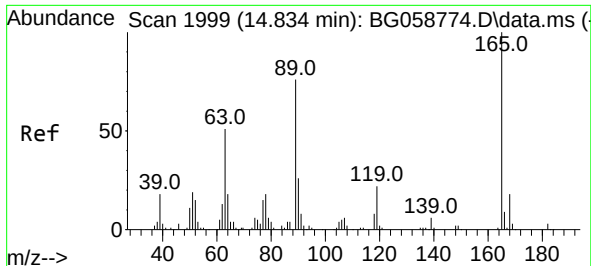
Tgt Ion:172 Resp: 205659
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 22.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.460 ng
RT: 14.451 min Scan# 1934
Delta R.T. 0.405 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

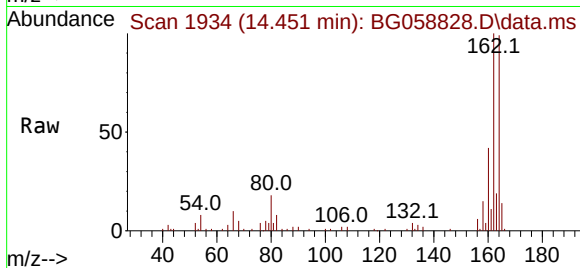
Tgt Ion:165 Resp: 8029
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#



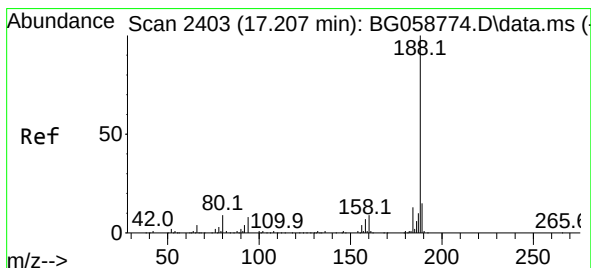
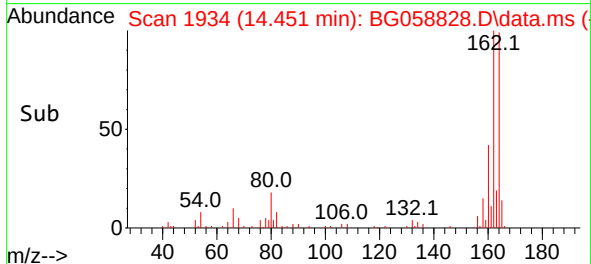
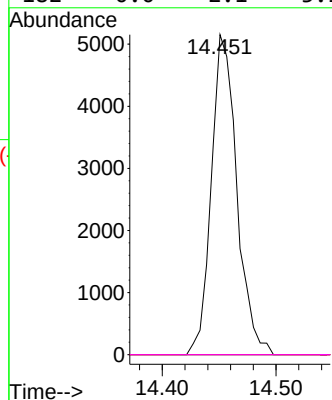


#57
2,4-Dinitrotoluene
Concen: 5.349 ng
RT: 14.451 min Scan# 1999
Delta R.T. -0.383 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

Instrument :
BNA_G
ClientSampleId :
SS-TP-05(0-0.2)

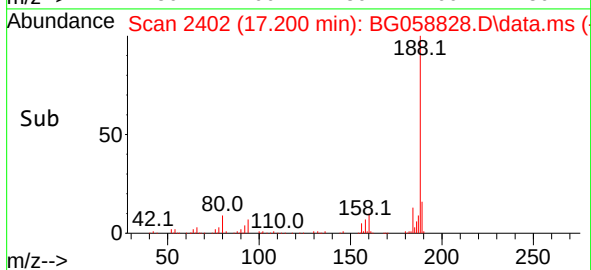
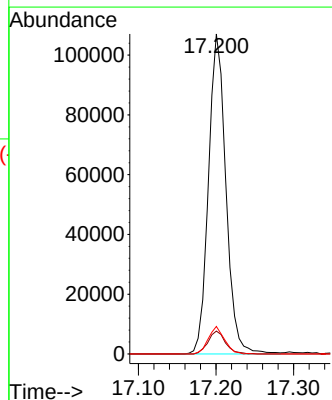
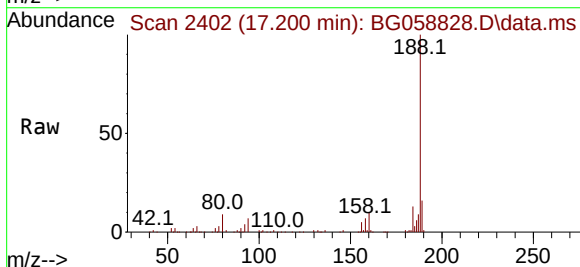


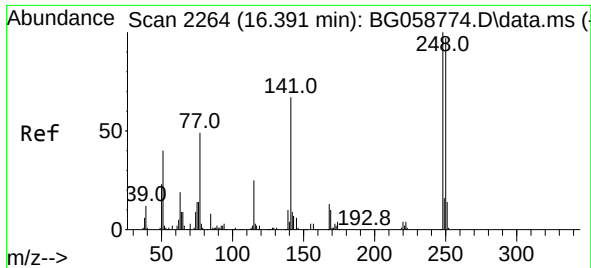
Tgt Ion:	165	Resp:	8029
Ion Ratio	Lower	Upper	
165	100		
63	0.0	41.8	62.6#
89	0.0	60.7	91.1#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 2402
Delta R.T. -0.007 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

Tgt Ion:	188	Resp:	167782
Ion Ratio	Lower	Upper	
188	100		
94	7.2	6.1	9.1
80	8.6	6.9	10.3

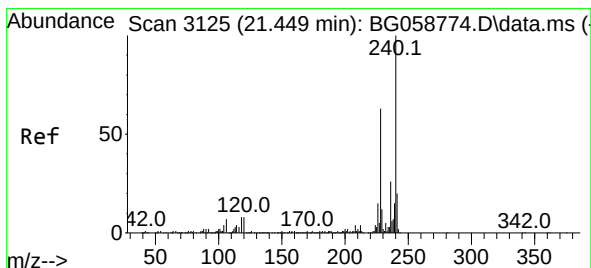
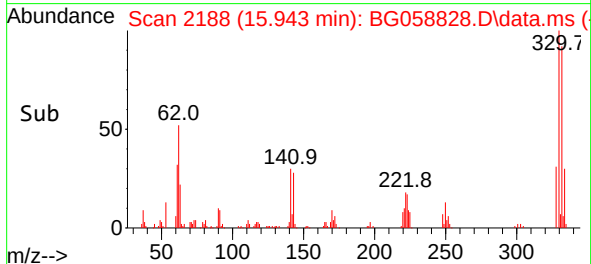
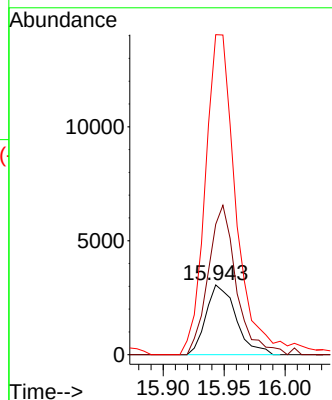
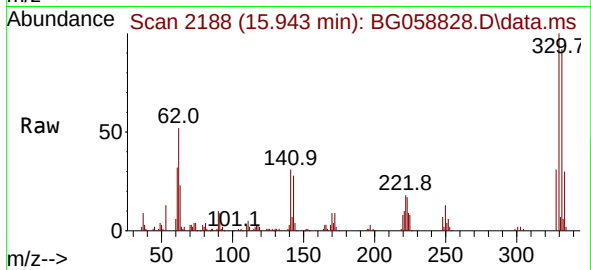




#67
4-Bromophenyl-phenylether
Concen: 2.851 ng
RT: 15.943 min Scan# 21188
Delta R.T. -0.448 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

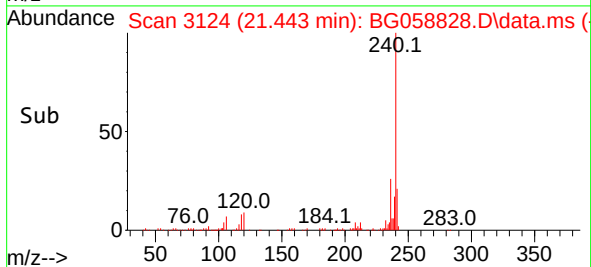
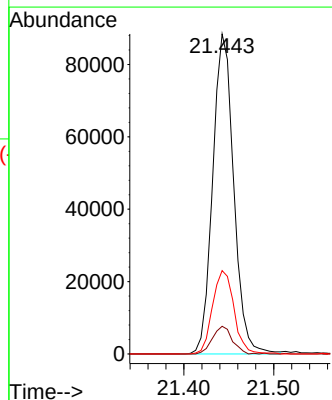
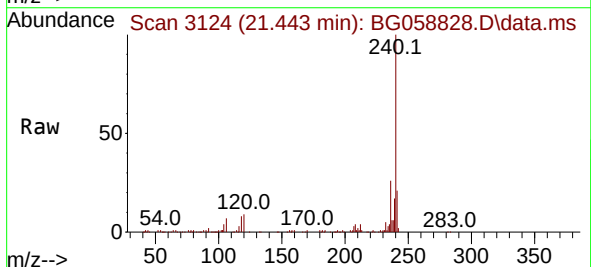
Instrument :
BNA_G
ClientSampleId :
SS-TP-05(0-0.2)

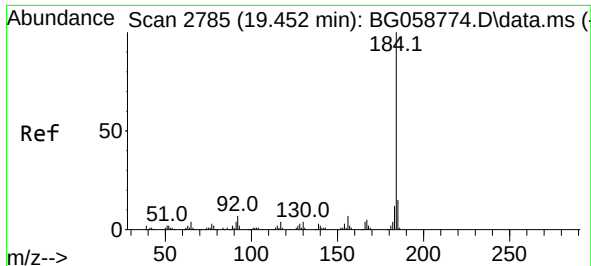
Tgt Ion:248 Resp: 5249
Ion Ratio Lower Upper
248 100
250 187.0 77.7 116.5#
141 459.0 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

Tgt Ion:240 Resp: 143722
Ion Ratio Lower Upper
240 100
120 8.6 6.2 9.2
236 26.1 20.5 30.7

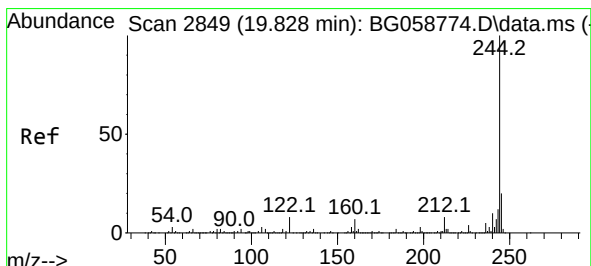
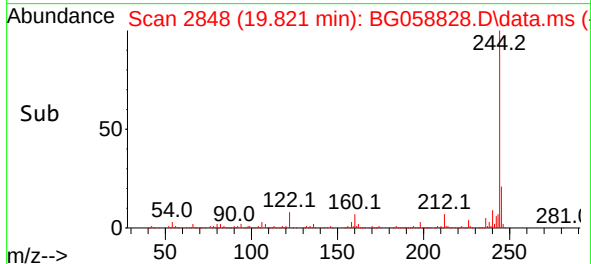
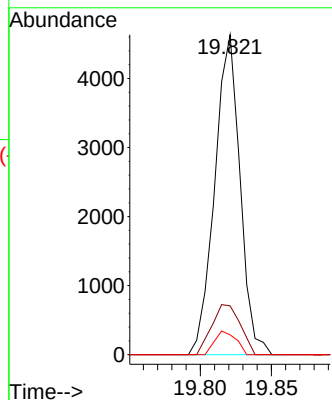
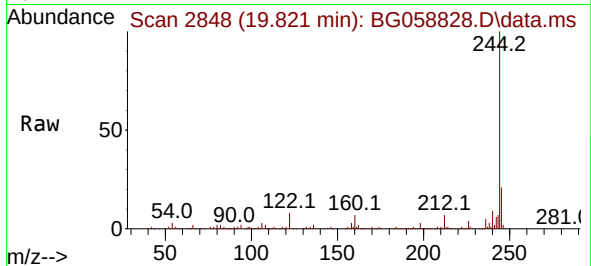




#77
Benzidine
Concen: 2.225 ng
RT: 19.821 min Scan# 21
Delta R.T. 0.369 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

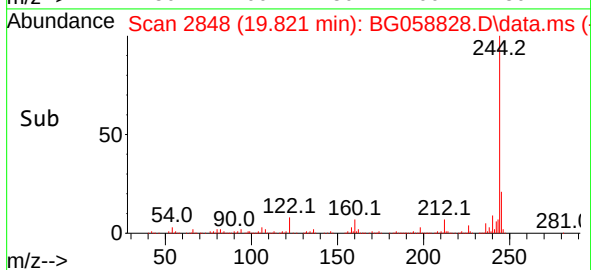
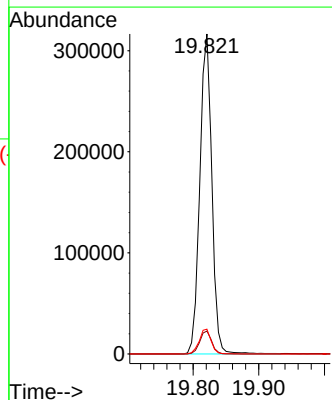
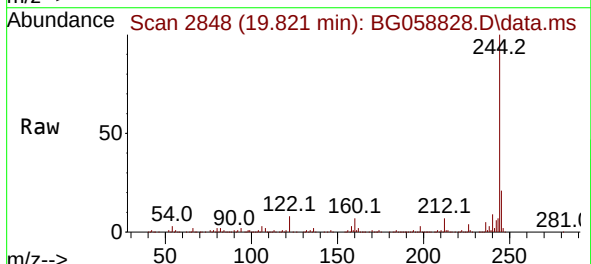
Instrument :
BNA_G
ClientSampleId :
SS-TP-05(0-0.2)

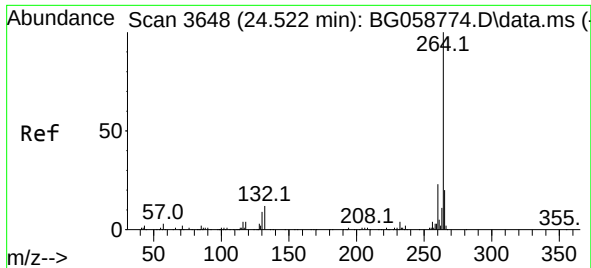
Tgt Ion:184 Resp: 5730
Ion Ratio Lower Upper
184 100
185 15.3 11.9 17.9
183 6.2 10.0 15.0#



#79
Terphenyl-d14
Concen: 50.426 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.007 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

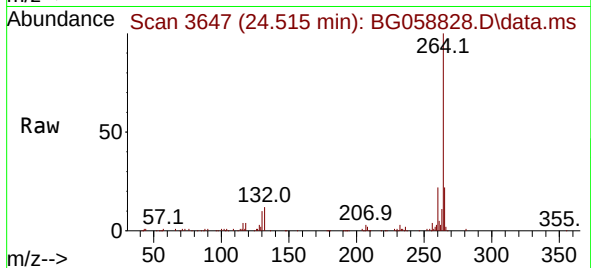
Tgt Ion:244 Resp: 403616
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 7.7 6.3 9.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.515 min Scan# 30
Delta R.T. -0.007 min
Lab File: BG058828.D
Acq: 23 Aug 2023 19:01

Instrument :
BNA_G
ClientSampleId :
SS-TP-05(0-0.2)



Tgt Ion:264 Resp: 174976

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.2
265	21.8	16.4	24.6

