

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058680.D
 Acq On : 10 Aug 2023 15:41
 Operator : MA/JU
 Sample : 03956-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP23B

Quant Time: Aug 11 01:55:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

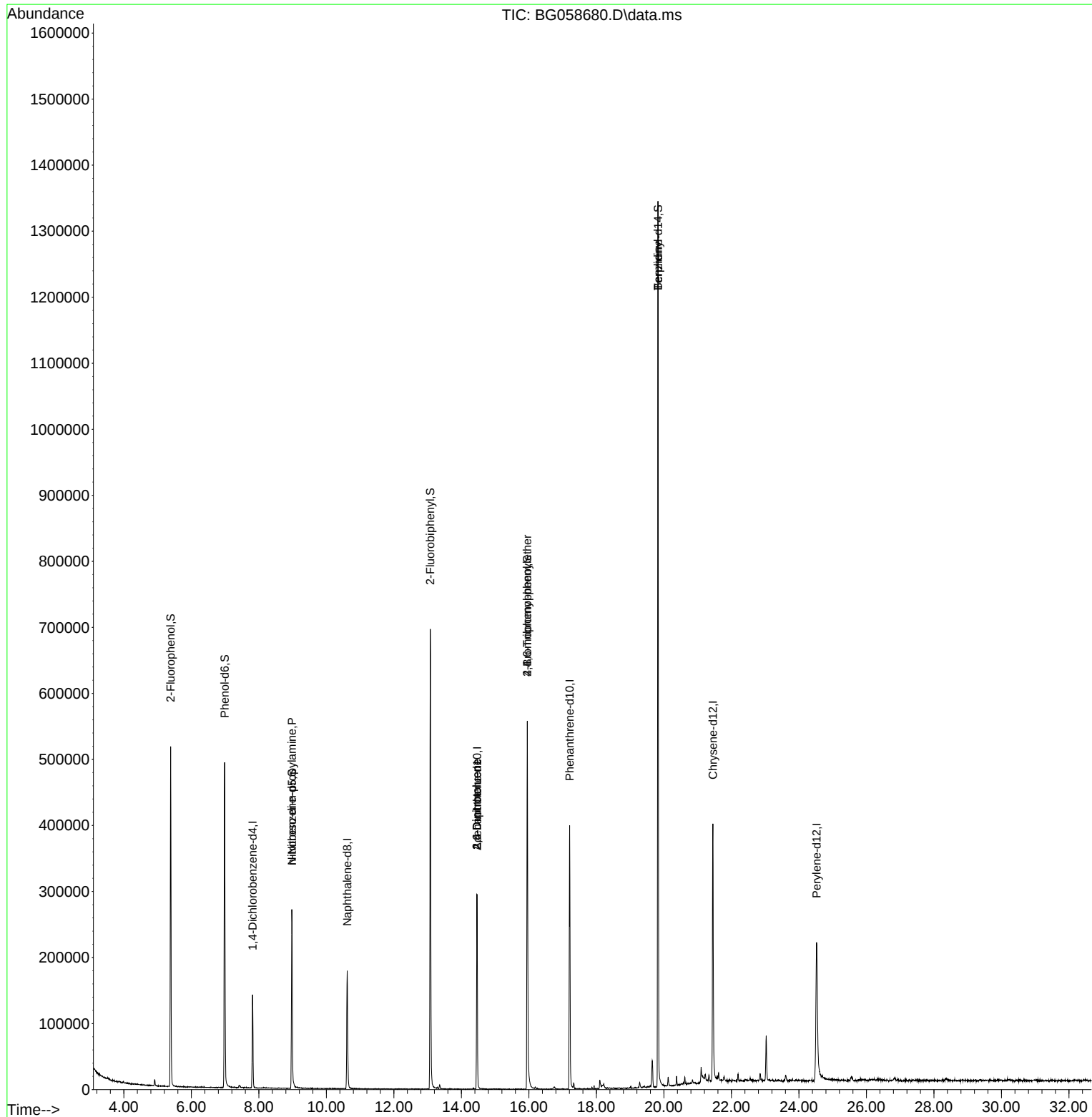
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	39393	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	170185	20.000	ng	0.00
39) Acenaphthene-d10	14.464	164	117684	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	292859	20.000	ng	0.00
76) Chrysene-d12	21.450	240	265024	20.000	ng	0.00
86) Perylene-d12	24.523	264	292226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	220864	85.696	ng	0.00
7) Phenol-d6	6.984	99	304309	84.854	ng	0.00
23) Nitrobenzene-d5	8.976	82	179287	51.753	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	144705	75.018	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	423581	53.939	ng	0.00
79) Terphenyl-d14	19.822	244	769372	54.592	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.976	70	22291	9.623	ng	Qvalue # 78
51) 2,6-Dinitrotoluene	14.458	165	15500	7.993	ng	# 22
57) 2,4-Dinitrotoluene	14.458	165	15500	5.765	ng	# 23
67) 4-Bromophenyl-phenylether	15.950	248	8875	2.672	ng	# 1
77) Benzidine	19.822	184	9119	2.269	ng	# 94

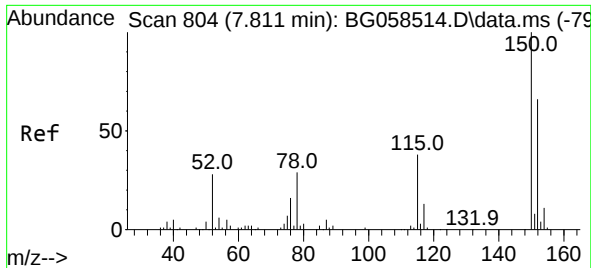
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058680.D
Acq On : 10 Aug 2023 15:41
Operator : MA/JU
Sample : 03956-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-PP23B

Quant Time: Aug 11 01:55:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

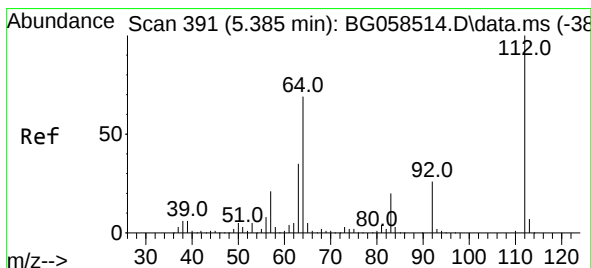
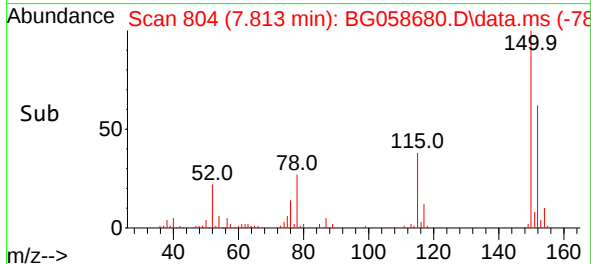
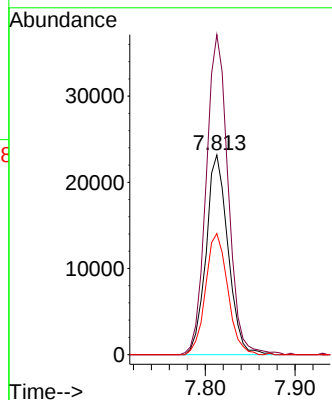
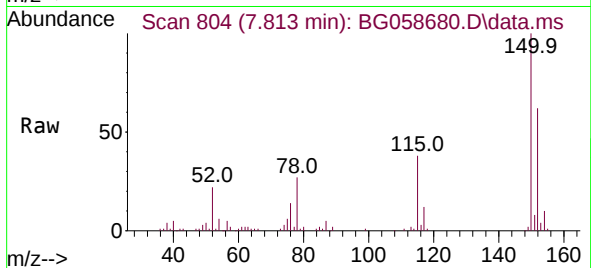




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

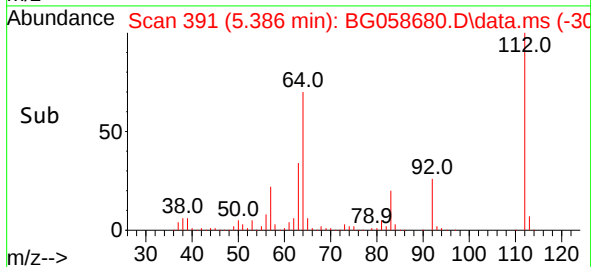
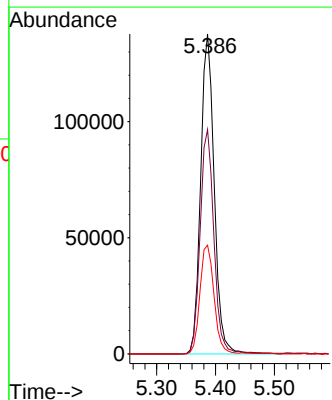
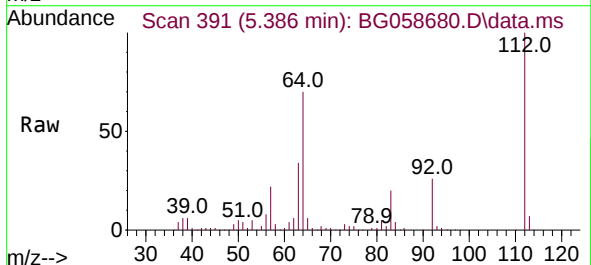
Instrument :
BNA_G
ClientSampleId :
B-PP23B

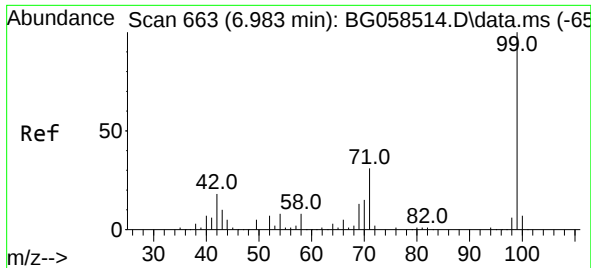
Tgt Ion:152 Resp: 39393
Ion Ratio Lower Upper
152 100
150 160.3 120.5 180.7
115 60.6 45.9 68.9



#5
2-Fluorophenol
Concen: 85.696 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

Tgt Ion:112 Resp: 220864
Ion Ratio Lower Upper
112 100
64 70.1 55.3 82.9
63 34.0 28.3 42.5

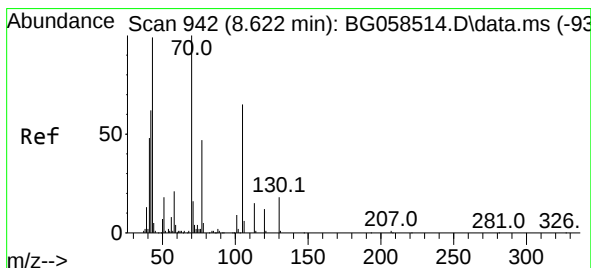
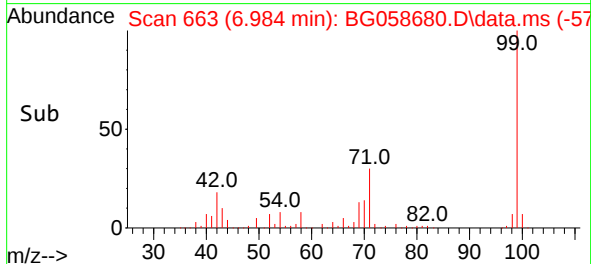
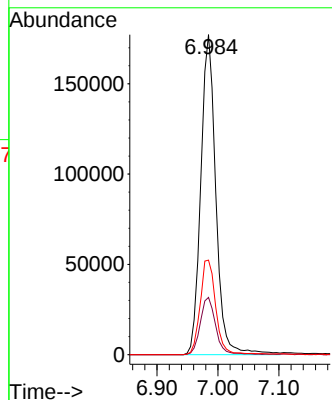
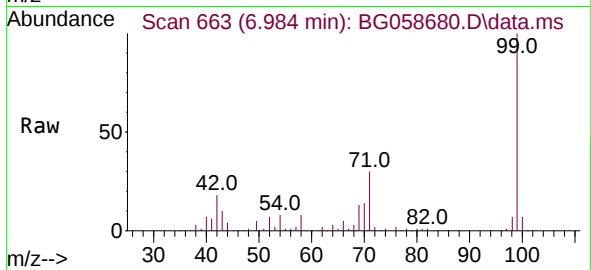




#7
Phenol-d6
Concen: 84.854 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

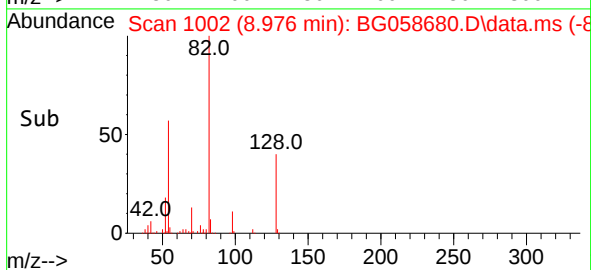
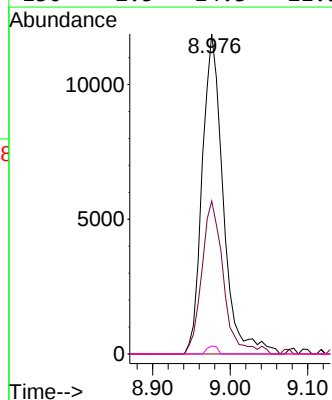
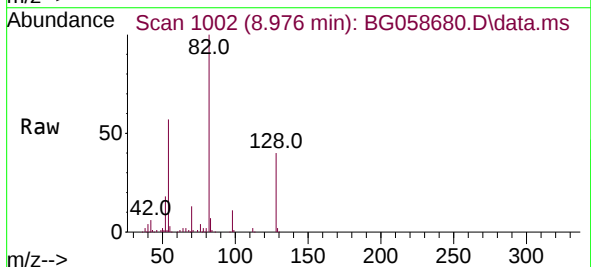
Instrument :
BNA_G
ClientSampleId :
B-PP23B

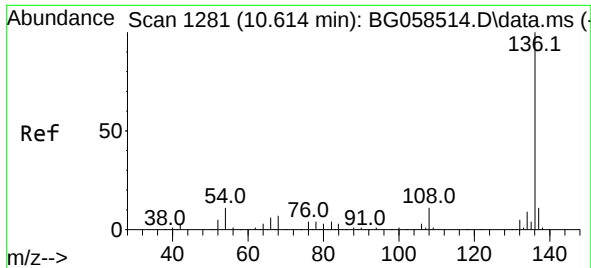
Tgt Ion: 99 Resp: 304309
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 29.5 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.623 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

Tgt Ion: 70 Resp: 22291
Ion Ratio Lower Upper
70 100
42 47.8 49.7 74.5#
101 0.0 7.0 10.4#
130 2.5 14.3 21.5#

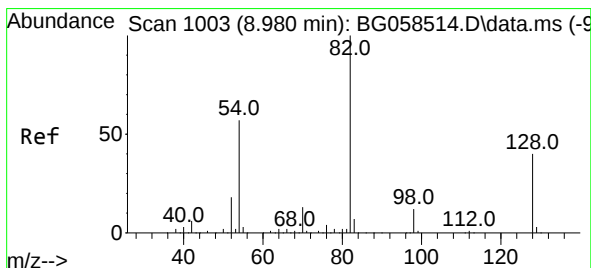
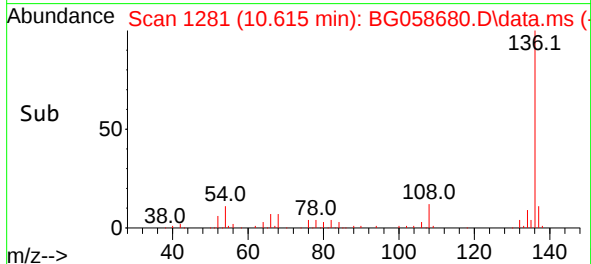
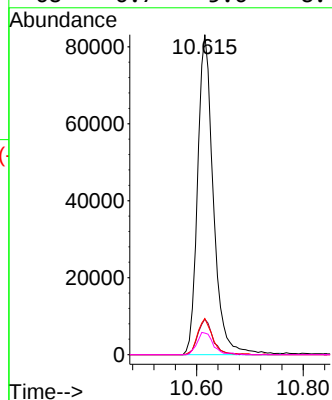
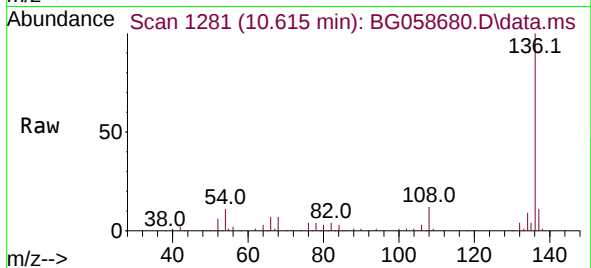




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

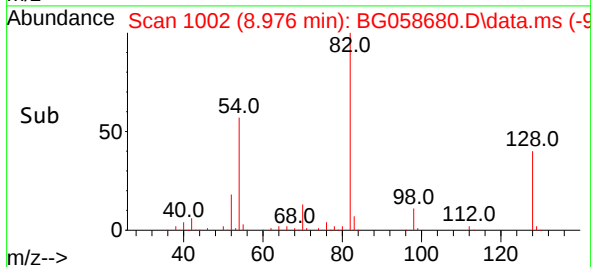
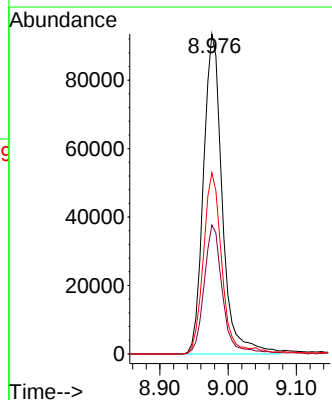
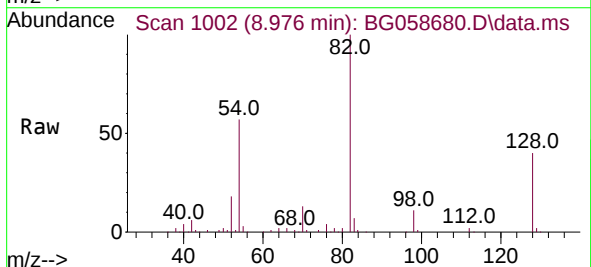
Instrument :
BNA_G
ClientSampleId :
B-PP23B

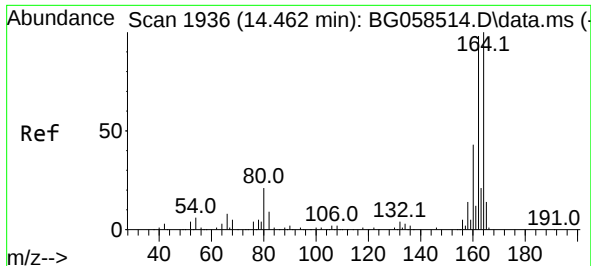
Tgt Ion:	136	Resp:	170185
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	11.3	8.9	13.3
68	6.7	5.6	8.4



#23
Nitrobenzene-d5
Concen: 51.753 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.004 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

Tgt Ion:	82	Resp:	179287
Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.2	48.2
54	56.6	46.0	69.0

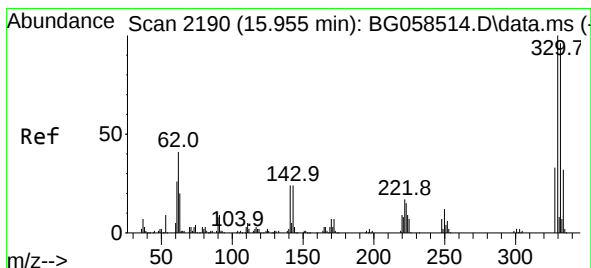
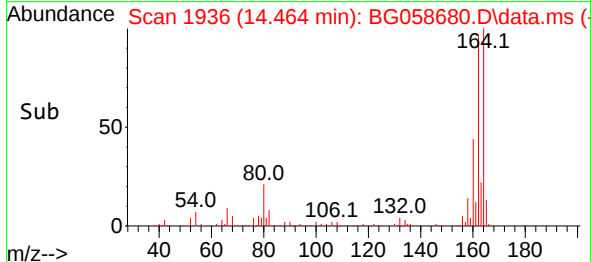
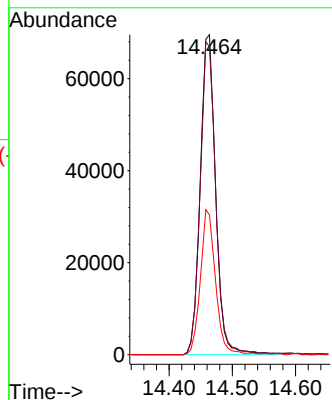
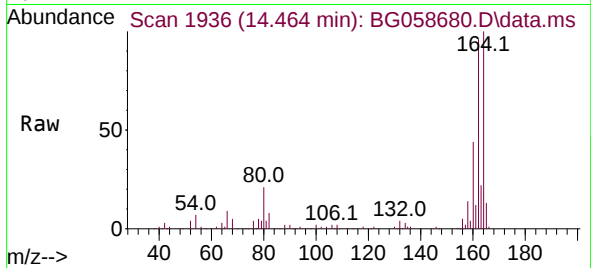




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.464 min Scan# 1936
Delta R.T. 0.002 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

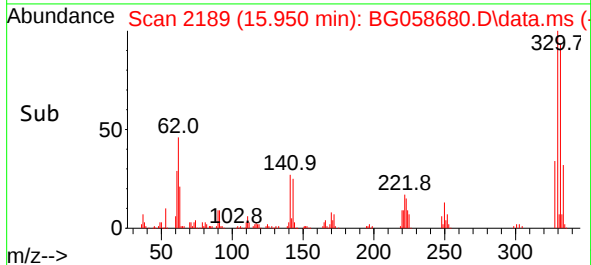
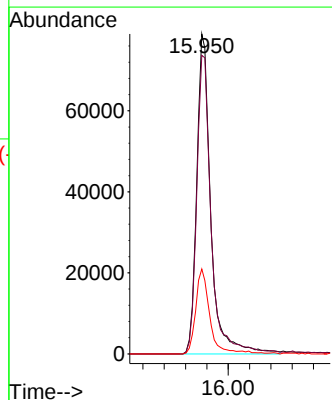
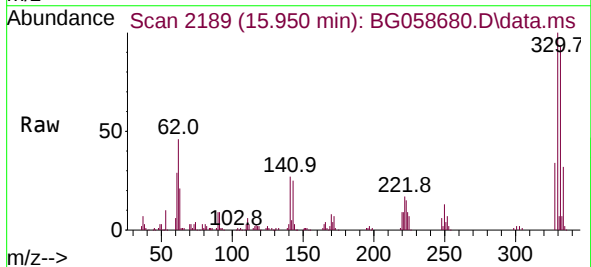
Instrument :
BNA_G
ClientSampleId :
B-PP23B

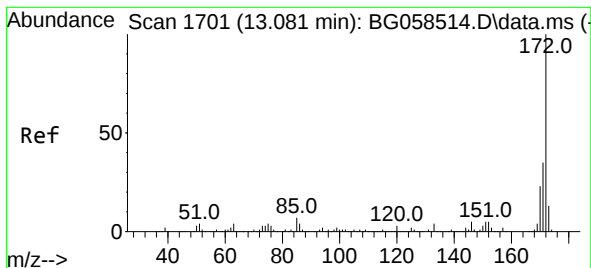
Tgt Ion:164 Resp: 117684
Ion Ratio Lower Upper
164 100
162 96.2 78.3 117.5
160 43.6 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 75.018 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

Tgt Ion:330 Resp: 144705
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 26.6 20.7 31.1

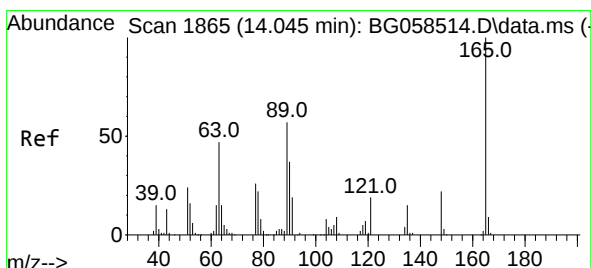
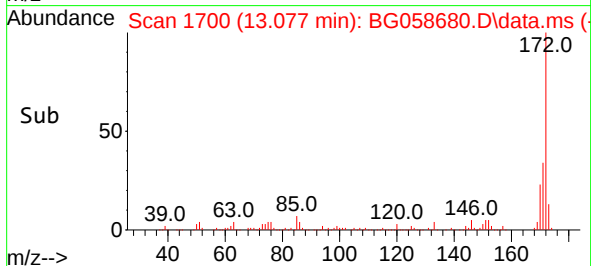
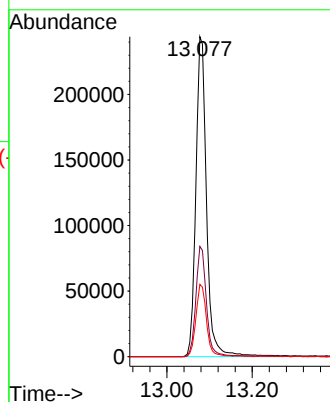
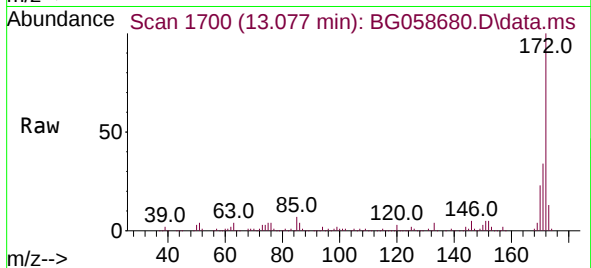




#45
2-Fluorobiphenyl
Concen: 53.939 ng
RT: 13.077 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

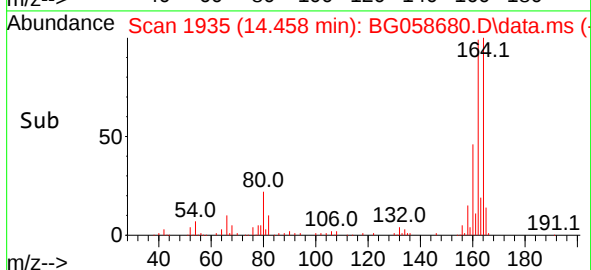
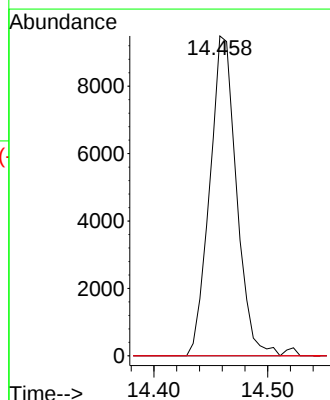
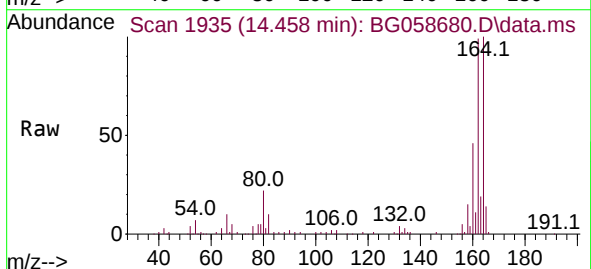
Instrument :
BNA_G
ClientSampleId :
B-PP23B

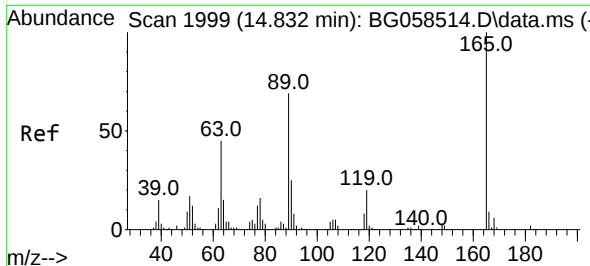
Tgt Ion:172 Resp: 423581
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 22.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.993 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

Tgt Ion:165 Resp: 15500
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#

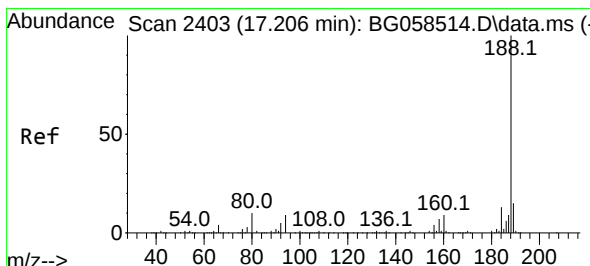
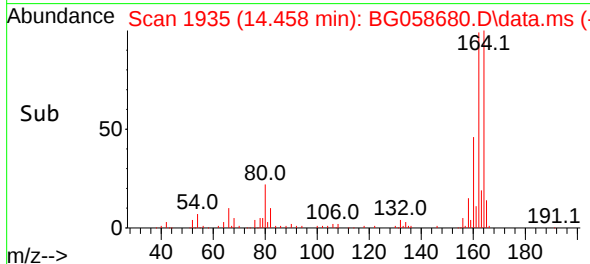
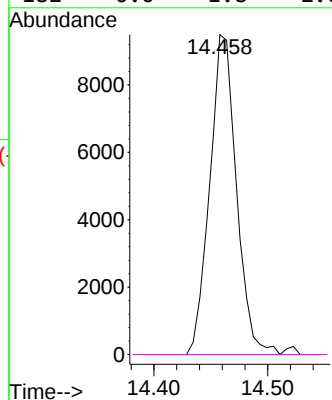
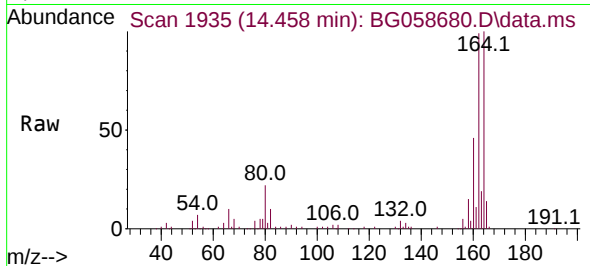




#57
2,4-Dinitrotoluene
Concen: 5.765 ng
RT: 14.458 min Scan# 1999
Delta R.T. -0.374 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

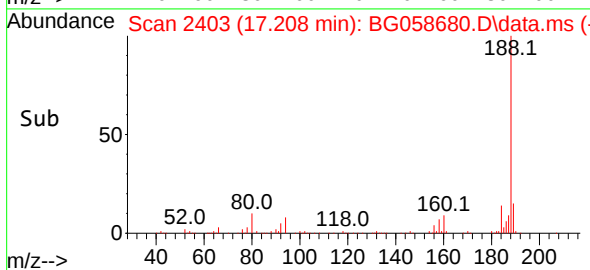
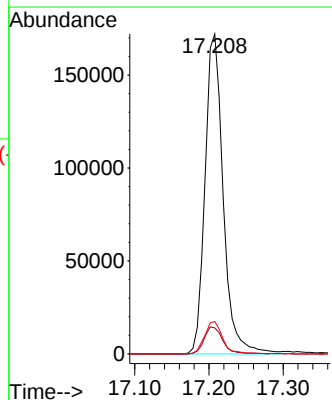
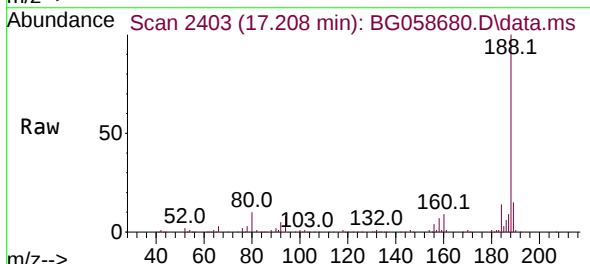
Instrument :
BNA_G
ClientSampleId :
B-PP23B

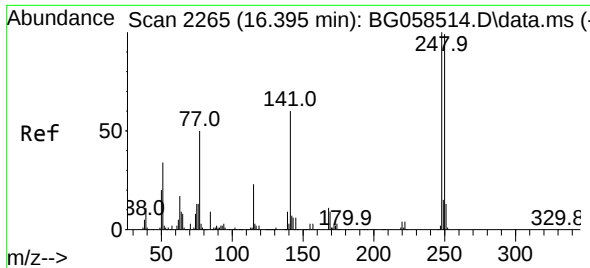
Tgt Ion:165 Resp: 15500
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.208 min Scan# 2403
Delta R.T. 0.002 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

Tgt Ion:188 Resp: 292859
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 10.1 8.1 12.1

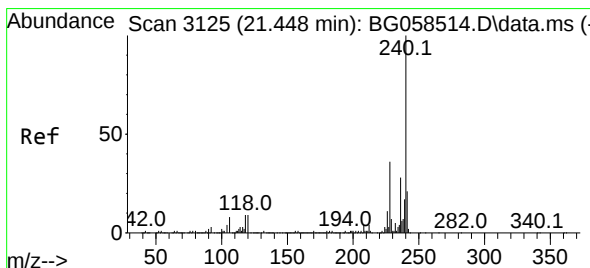
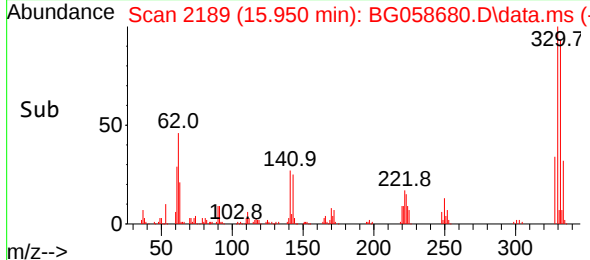
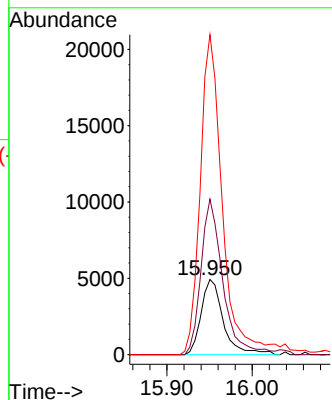
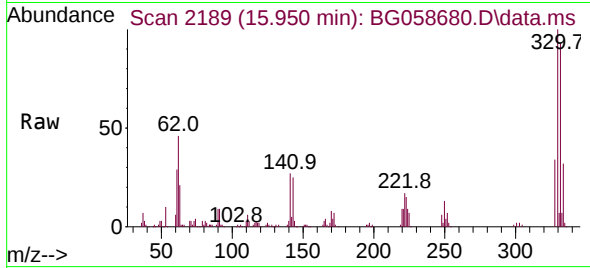




#67
4-Bromophenyl-phenylether
Concen: 2.672 ng
RT: 15.950 min Scan# 2119
Delta R.T. -0.445 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

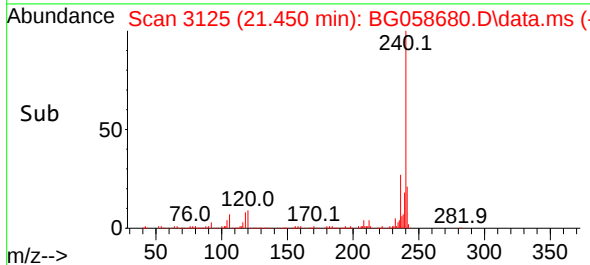
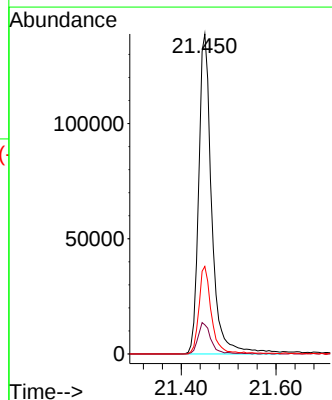
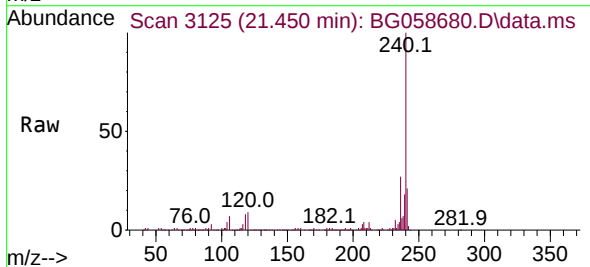
Instrument :
BNA_G
ClientSampleId :
B-PP23B

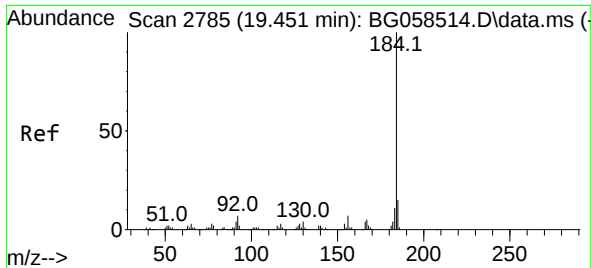
Tgt Ion:248 Resp: 8875
Ion Ratio Lower Upper
248 100
250 206.7 79.5 119.3#
141 425.7 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

Tgt Ion:240 Resp: 265024
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 27.3 22.2 33.4

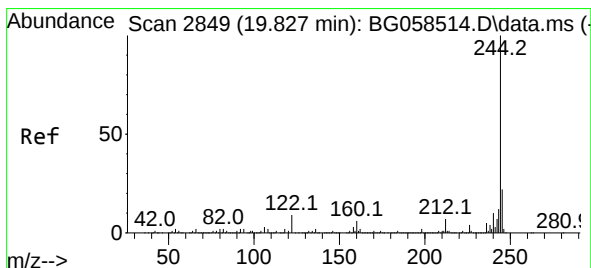
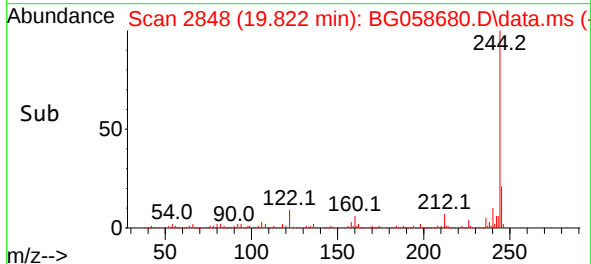
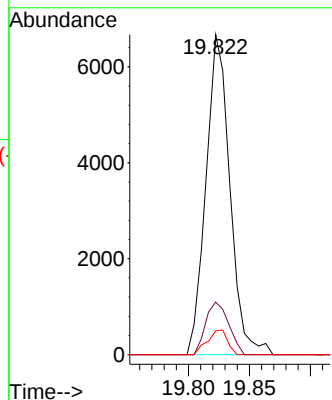
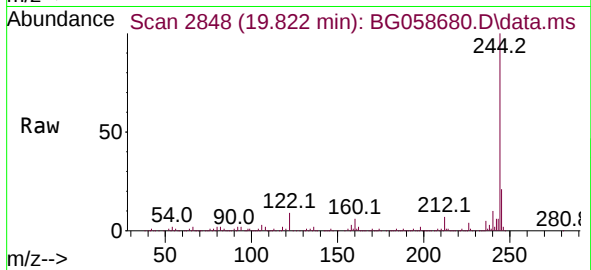




#77
Benzidine
Concen: 2.269 ng
RT: 19.822 min Scan# 2848
Delta R.T. 0.372 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

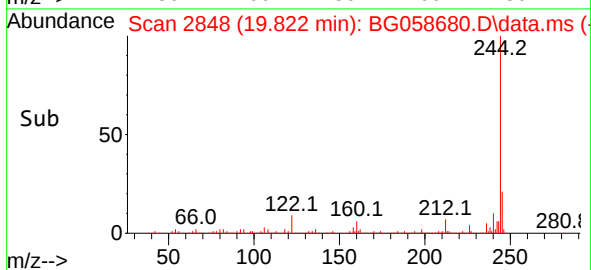
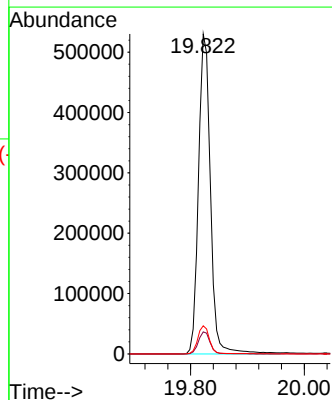
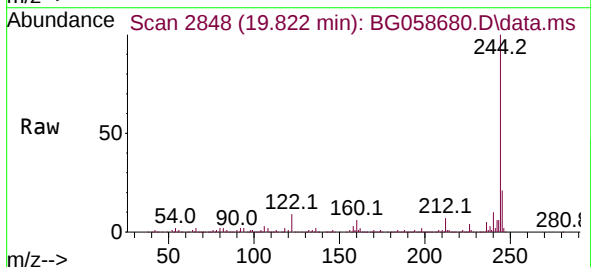
Instrument :
BNA_G
ClientSampleId :
B-PP23B

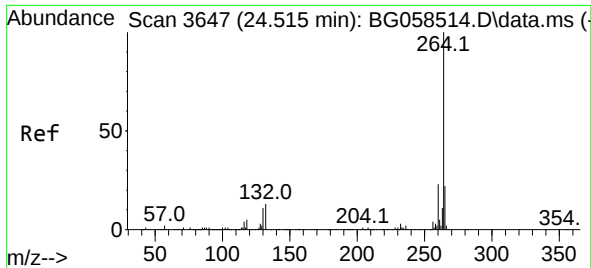
Tgt Ion:184 Resp: 9119
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 7.4 8.7 13.1#



#79
Terphenyl-d14
Concen: 54.592 ng
RT: 19.822 min Scan# 2848
Delta R.T. -0.004 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

Tgt Ion:244 Resp: 769372
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.8 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.523 min Scan# 30

Delta R.T. 0.008 min

Lab File: BG058680.D

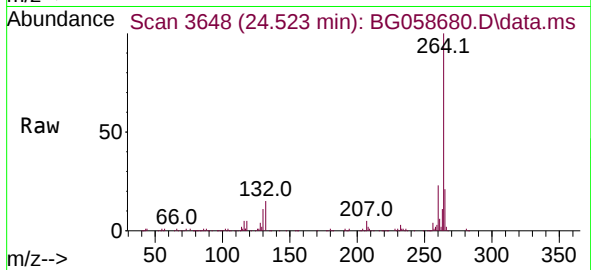
Acq: 10 Aug 2023 15:41

Instrument :

BNA_G

ClientSampleId :

B-PP23B



Tgt Ion:264 Resp: 292226

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.5 17.9 26.9

