

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058802.D
 Acq On : 22 Aug 2023 10:09
 Operator : MA/JU
 Sample : PB154955BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 22 17:12:18 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)

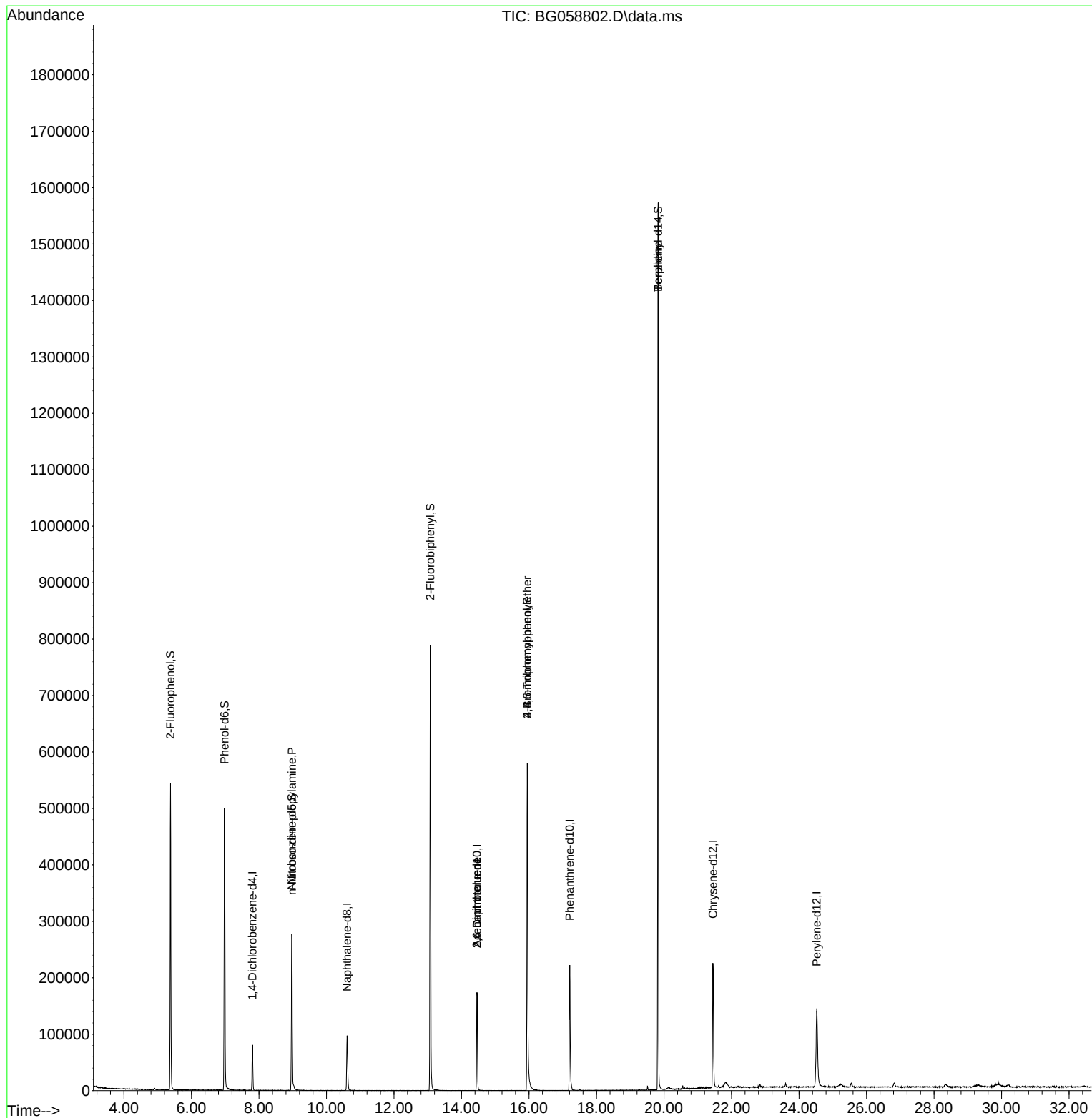
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	22911	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	96112	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	70806	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	182208	20.000	ng	0.00
76) Chrysene-d12	21.449	240	159232	20.000	ng	0.00
86) Perylene-d12	24.522	264	190372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	209533	147.175	ng	0.00
7) Phenol-d6	6.977	99	282151	141.254	ng	0.00
23) Nitrobenzene-d5	8.969	82	175265	87.672	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	149531	134.685	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	451966	92.840	ng	0.00
79) Terphenyl-d14	19.827	244	862850	97.300	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	22202	17.195	ng	# 77
51) 2,6-Dinitrotoluene	14.457	165	8798	7.639	ng	# 22
57) 2,4-Dinitrotoluene	14.457	165	8798	5.477	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	9394	4.698	ng	# 1
77) Benzidine	19.827	184	11770	4.124	ng	# 89

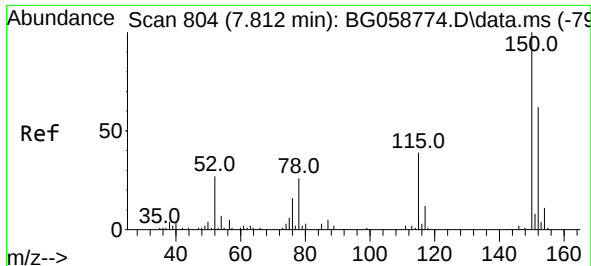
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

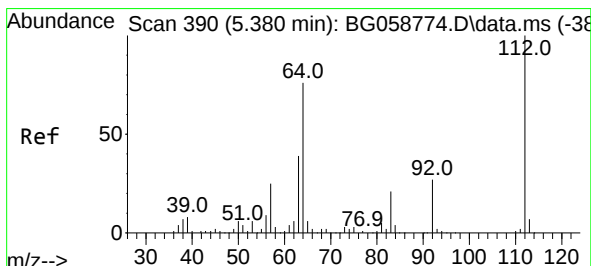
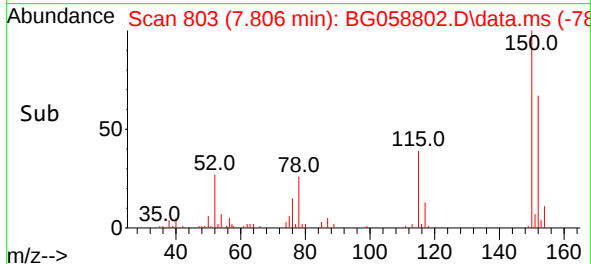
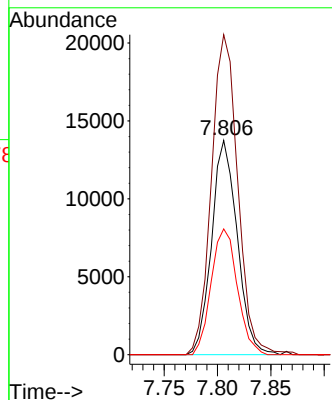
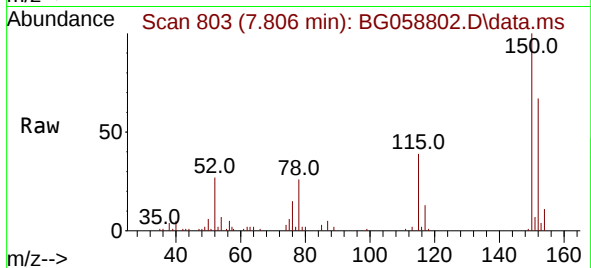




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

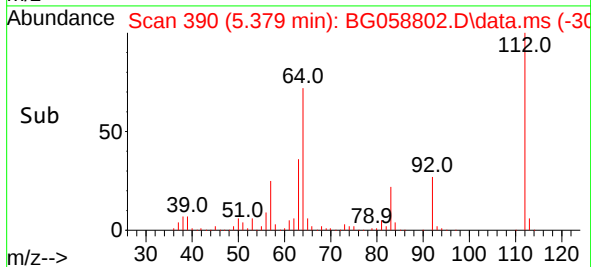
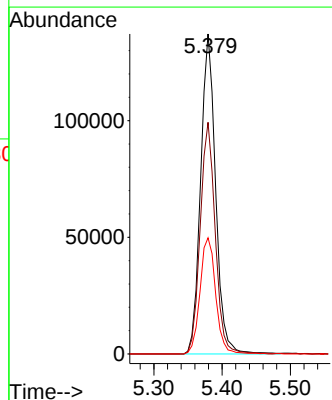
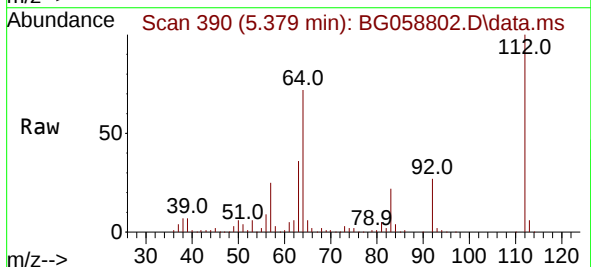
Instrument :
BNA_G
ClientSampleId :

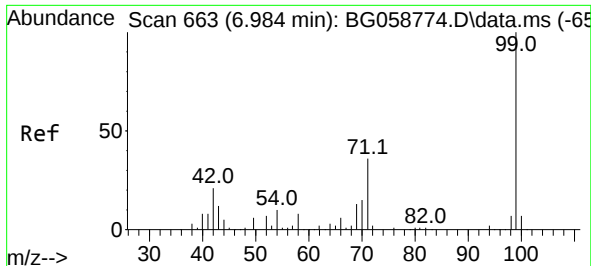
Tgt Ion:152 Resp: 22911
Ion Ratio Lower Upper
152 100
150 149.3 128.6 192.8
115 58.7 50.4 75.6



#5
2-Fluorophenol
Concen: 147.175 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

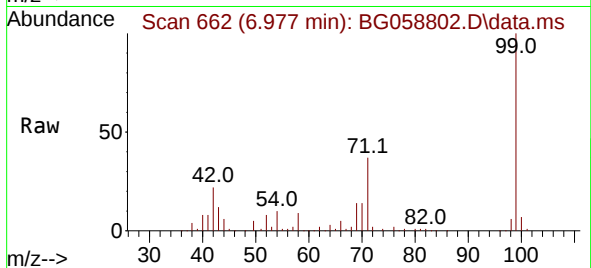
Tgt Ion:112 Resp: 209533
Ion Ratio Lower Upper
112 100
64 72.4 60.6 90.8
63 36.3 31.0 46.4



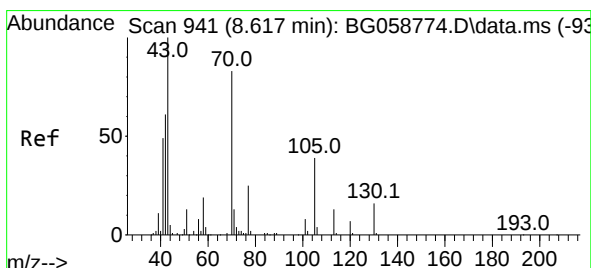
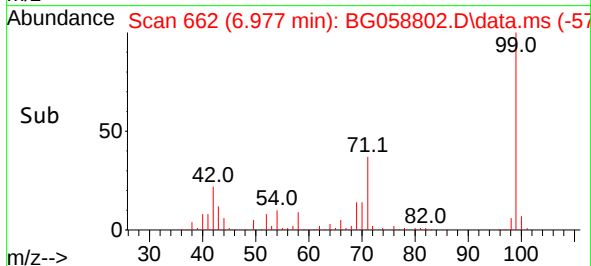
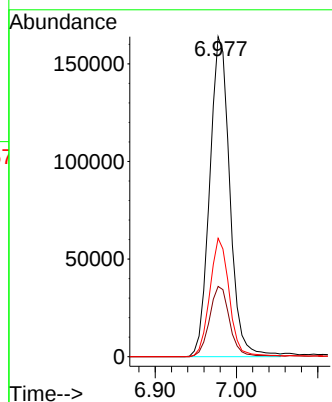


#7
Phenol-d6
Concen: 141.254 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

Instrument :
BNA_G
ClientSampleId :

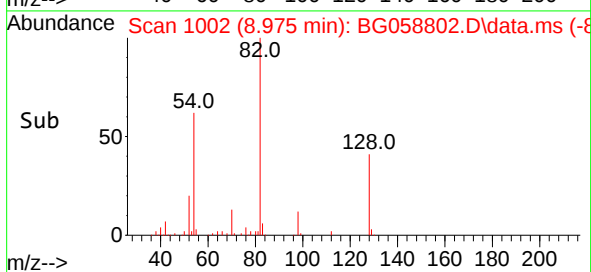
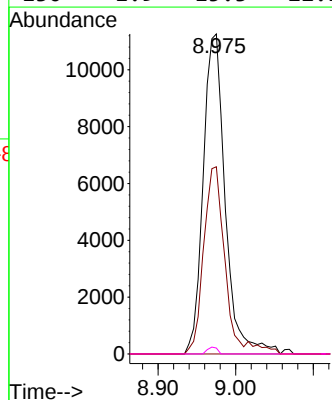
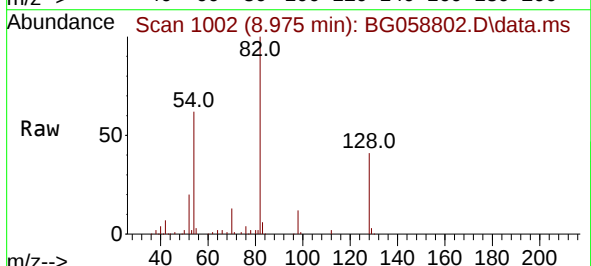


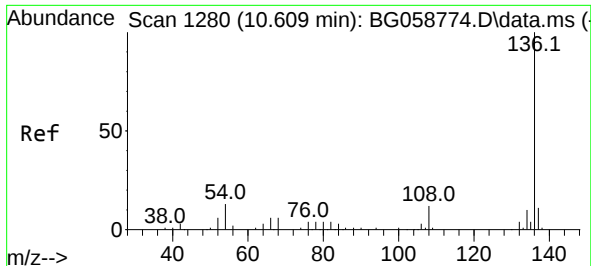
Tgt Ion: 99 Resp: 282151
Ion Ratio Lower Upper
99 100
42 21.9 16.5 24.7
71 37.0 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.195 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.358 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

Tgt Ion: 70 Resp: 22202
Ion Ratio Lower Upper
70 100
42 58.5 59.2 88.8#
101 0.0 8.2 12.2#
130 1.9 15.3 22.9#

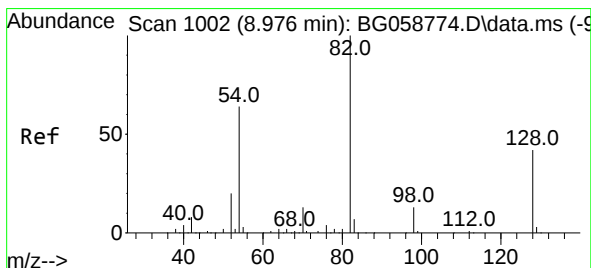
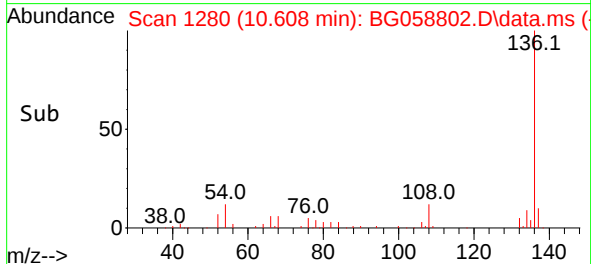
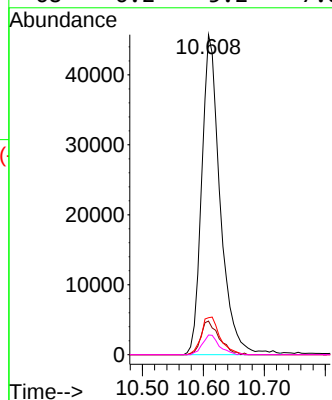
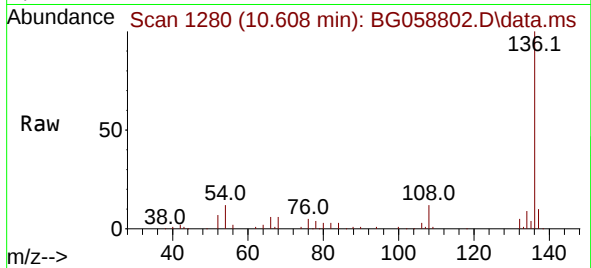




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

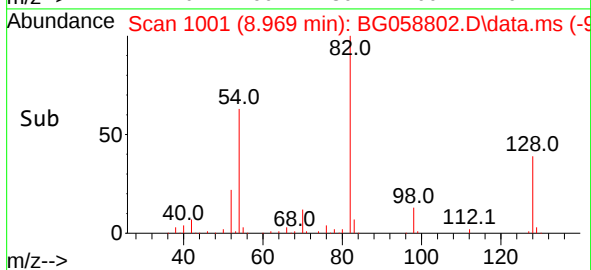
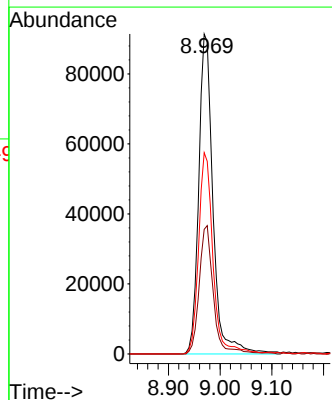
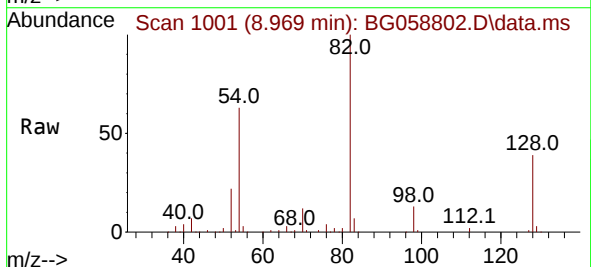
Instrument :
BNA_G
ClientSampleId :

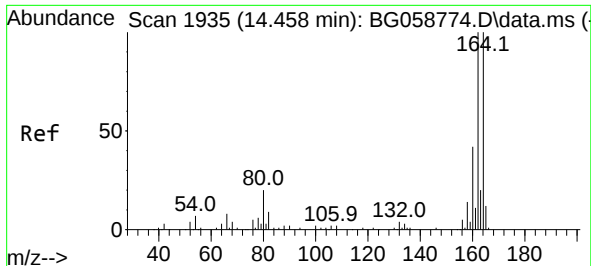
Tgt Ion:136 Resp: 96112
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 11.5 10.1 15.1
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 87.672 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

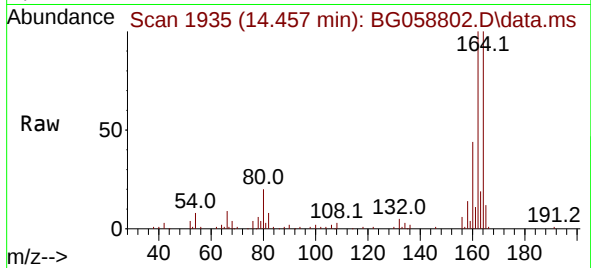
Tgt Ion: 82 Resp: 175265
Ion Ratio Lower Upper
82 100
128 39.0 33.2 49.8
54 62.9 51.2 76.8



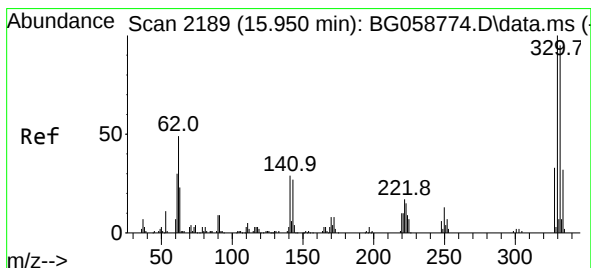
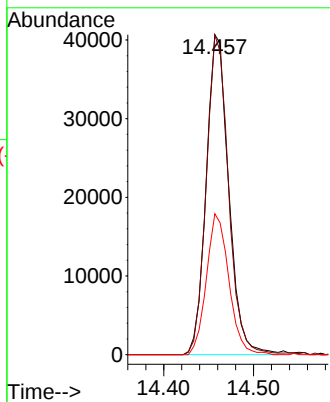
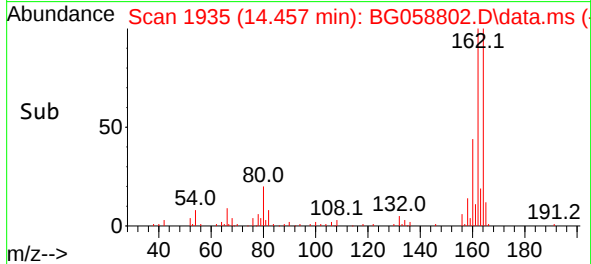


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

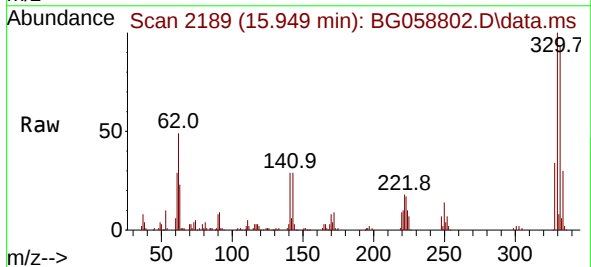
Instrument :
BNA_G
ClientSampleId :



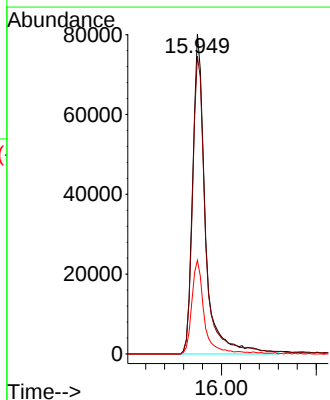
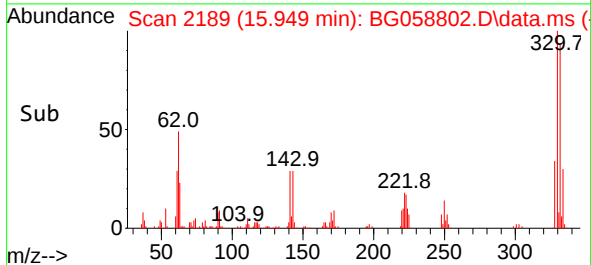
Tgt Ion:164 Resp: 70806
Ion Ratio Lower Upper
164 100
162 99.9 79.6 119.4
160 44.0 34.0 51.0

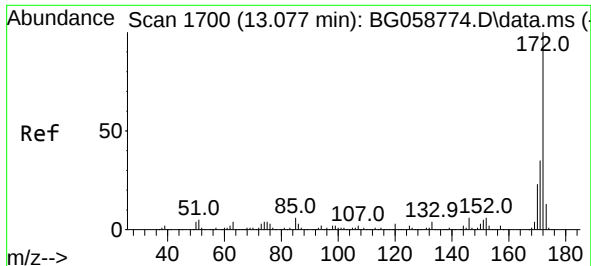


#42
2,4,6-Tribromophenol
Concen: 134.685 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09



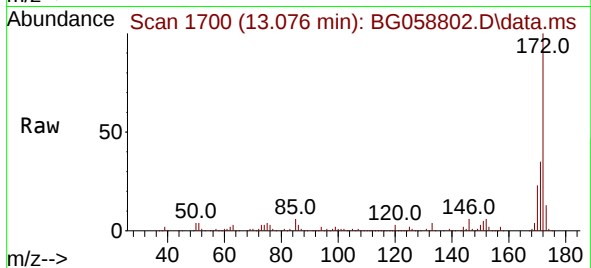
Tgt Ion:330 Resp: 149531
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 28.0 23.0 34.6



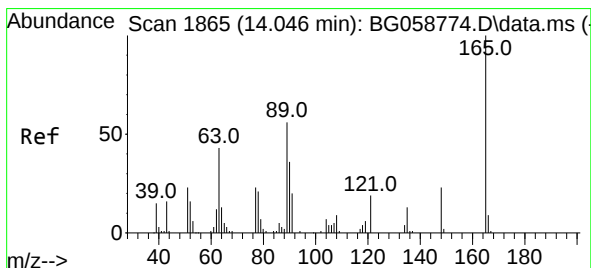
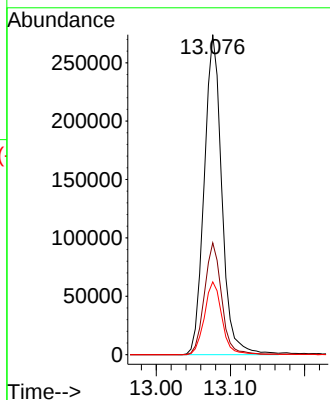
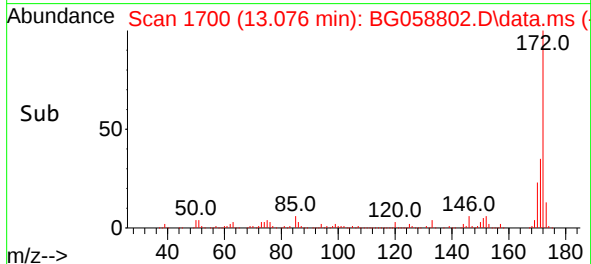


#45
2-Fluorobiphenyl
Concen: 92.840 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

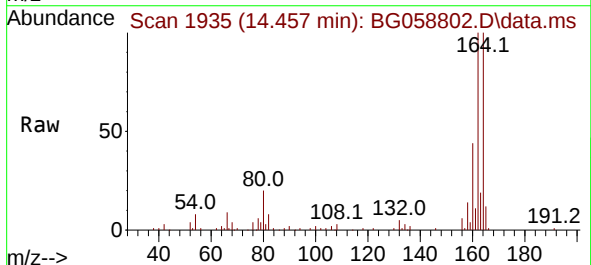
Instrument :
BNA_G
ClientSampleId :



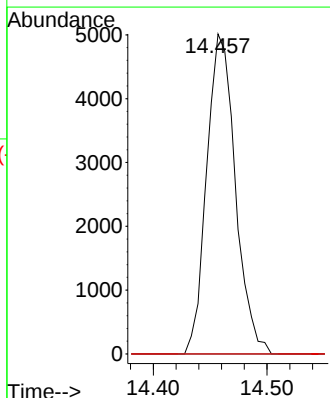
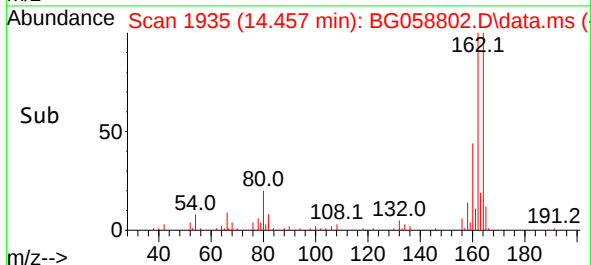
Tgt Ion:172 Resp: 451966
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 22.7 18.6 27.8

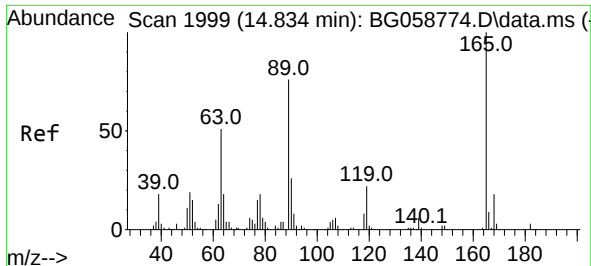


#51
2,6-Dinitrotoluene
Concen: 7.639 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09



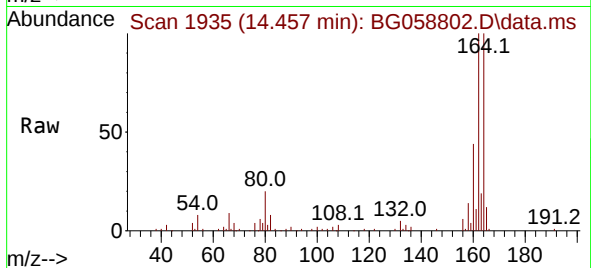
Tgt Ion:165 Resp: 8798
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#



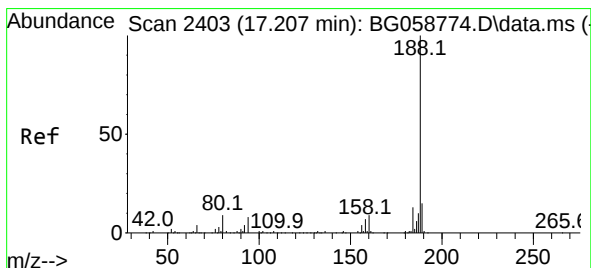
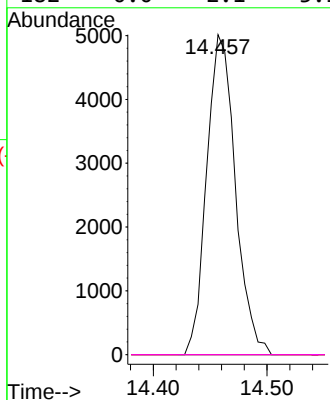
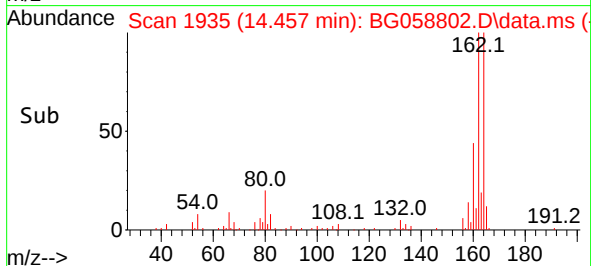


#57
2,4-Dinitrotoluene
Concen: 5.477 ng
RT: 14.457 min Scan# 1999
Delta R.T. -0.377 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

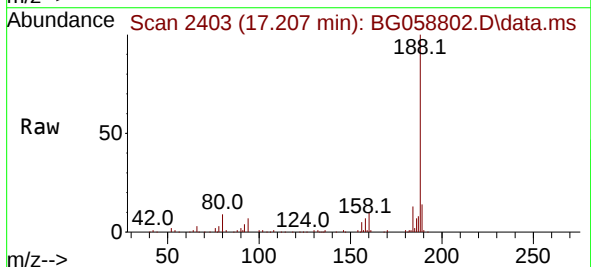
Instrument :
BNA_G
ClientSampleId :



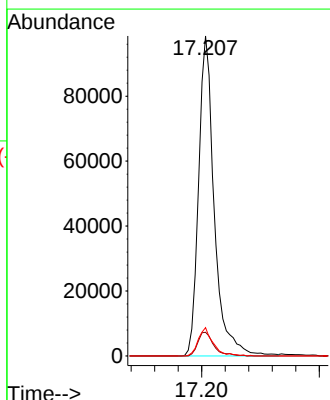
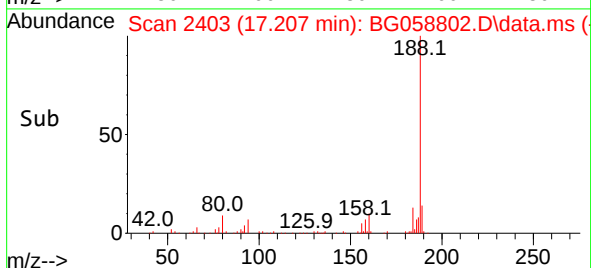
Tgt Ion:165 Resp: 8798
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#

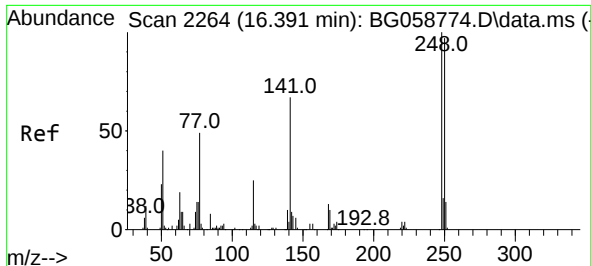


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09



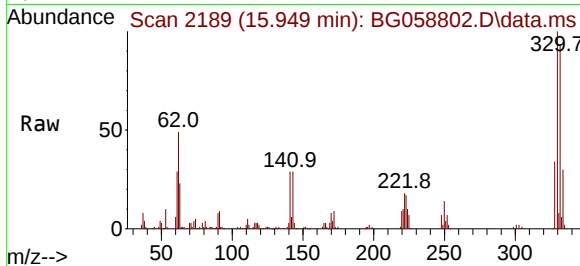
Tgt Ion:188 Resp: 182208
Ion Ratio Lower Upper
188 100
94 7.4 6.1 9.1
80 8.9 6.9 10.3



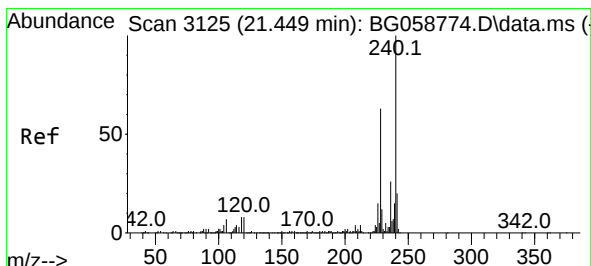
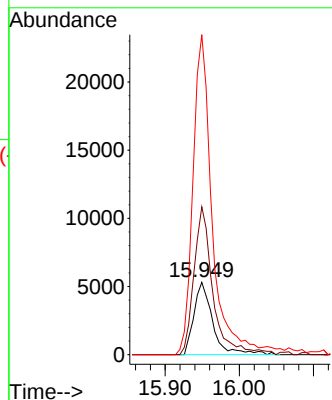
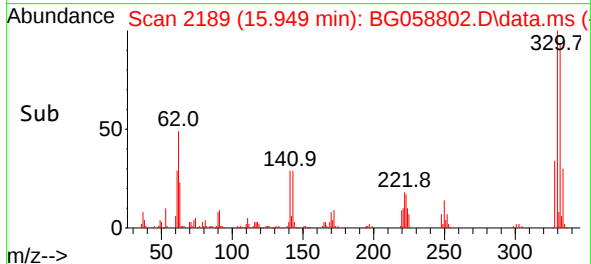


#67
4-Bromophenyl-phenylether
Concen: 4.698 ng
RT: 15.949 min Scan# 2119
Delta R.T. -0.442 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

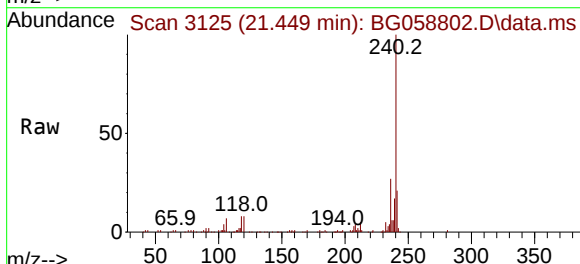
Instrument :
BNA_G
ClientSampleId :



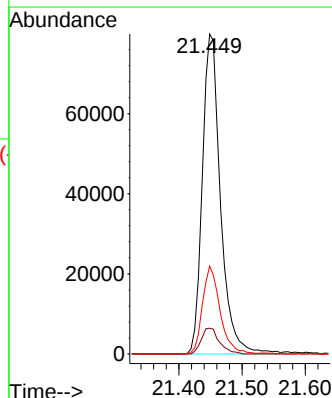
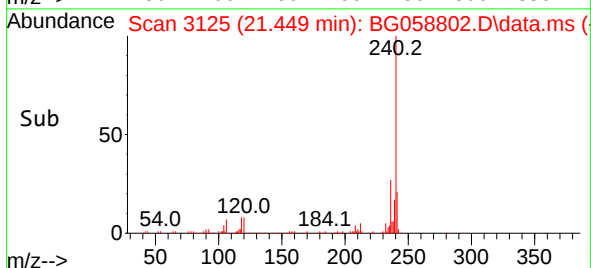
Tgt Ion:248 Resp: 9394
Ion Ratio Lower Upper
248 100
250 204.3 77.7 116.5#
141 442.2 53.6 80.4#

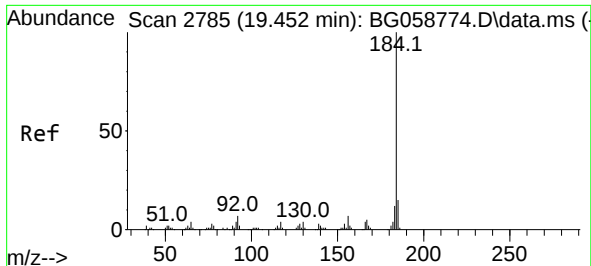


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09



Tgt Ion:240 Resp: 159232
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.2
236 27.4 20.5 30.7

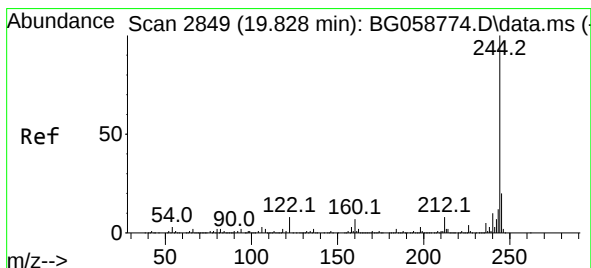
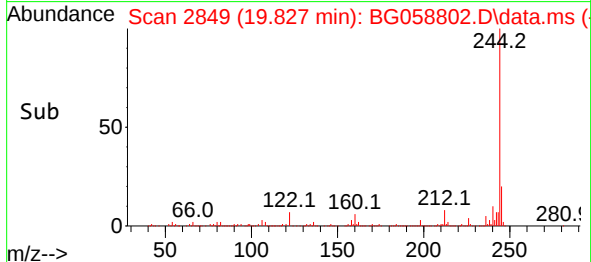
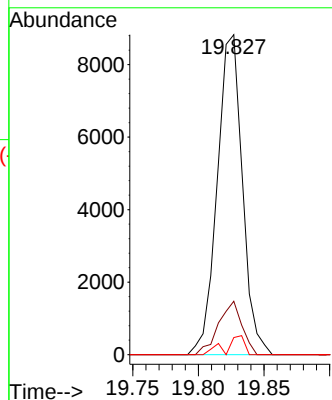
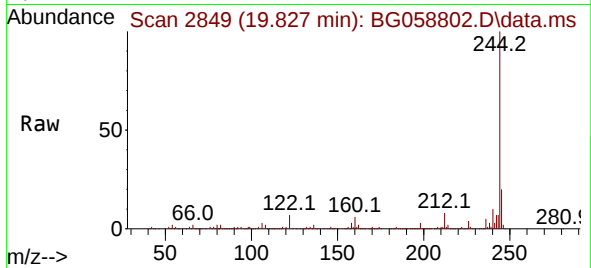




#77
Benzidine
Concen: 4.124 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.375 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

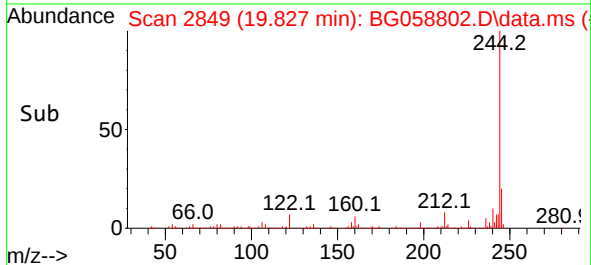
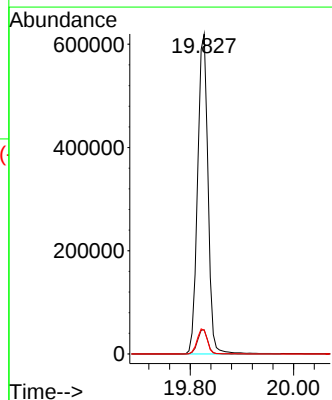
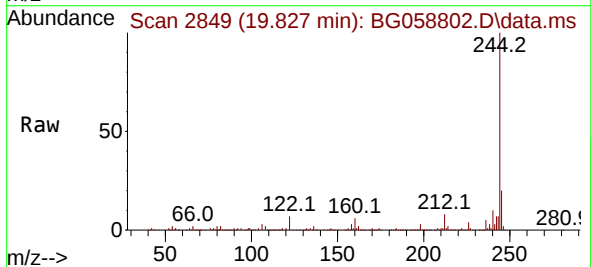
Instrument :
BNA_G
ClientSampleId :

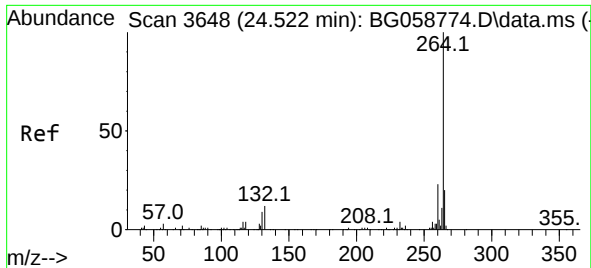
Tgt Ion:184 Resp: 11770
Ion Ratio Lower Upper
184 100
185 16.7 11.9 17.9
183 5.3 10.0 15.0#



#79
Terphenyl-d14
Concen: 97.300 ng
RT: 19.827 min Scan# 2849
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

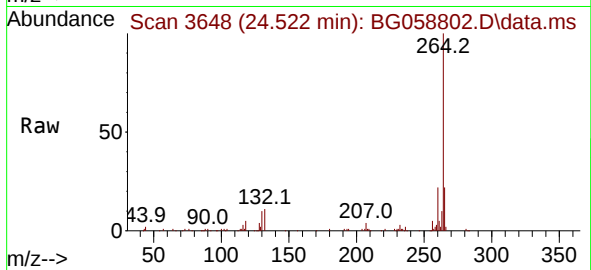
Tgt Ion:244 Resp: 862850
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 7.4 6.3 9.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 30
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264	Resp:	190372
Ion Ratio	Lower	Upper
264	100	
260	22.3	18.2 27.2
265	22.3	16.4 24.6

