

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058847.D
 Acq On : 24 Aug 2023 20:45
 Operator : MA/JU
 Sample : 04091-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-F

Quant Time: Aug 25 02:59:36 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)

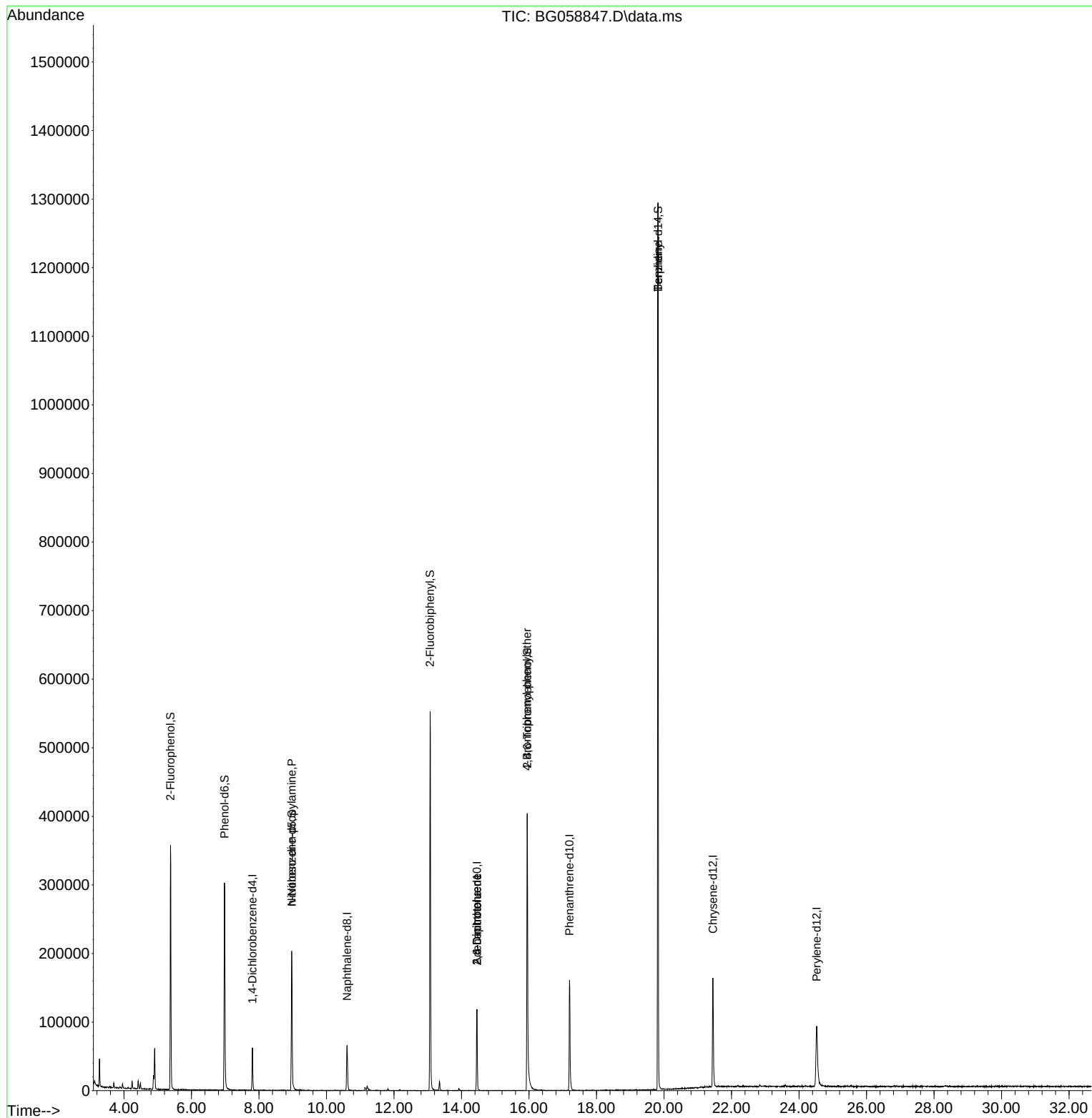
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	16384	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	66096	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	49003	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	127683	20.000	ng	0.00
76) Chrysene-d12	21.449	240	116384	20.000	ng	0.00
86) Perylene-d12	24.522	264	134193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	145605	143.015	ng	0.00
7) Phenol-d6	6.978	99	178219	124.766	ng	0.00
23) Nitrobenzene-d5	8.969	82	125643	91.392	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	114932	149.581	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	319703	94.891	ng	0.00
79) Terphenyl-d14	19.821	244	670428	103.435	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.969	70	16830	18.227	ng	Qvalue # 74
51) 2,6-Dinitrotoluene	14.457	165	6301	7.905	ng	# 22
57) 2,4-Dinitrotoluene	14.457	165	6301	5.667	ng	# 19
67) 4-Bromophenyl-phenylether	15.944	248	6882	4.912	ng	# 1
77) Benzidine	19.821	184	9853	4.724	ng	# 91

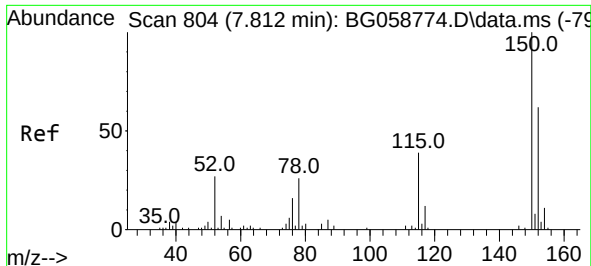
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 25 02:59:36 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

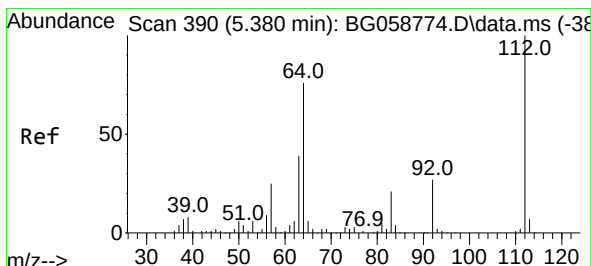
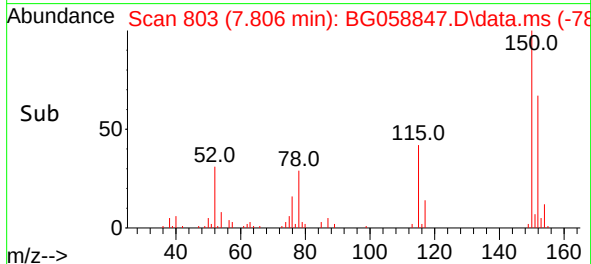
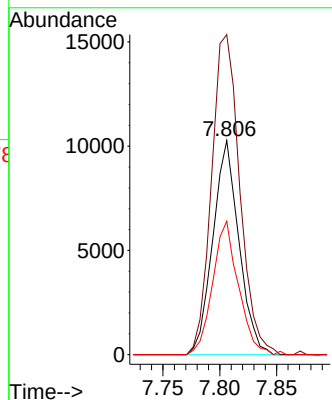
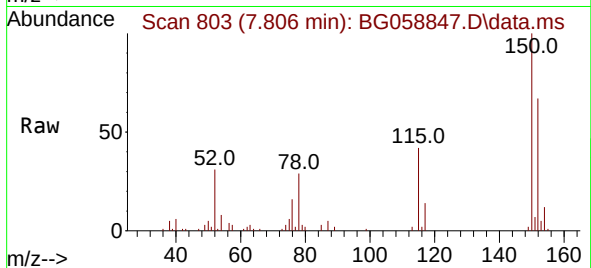




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

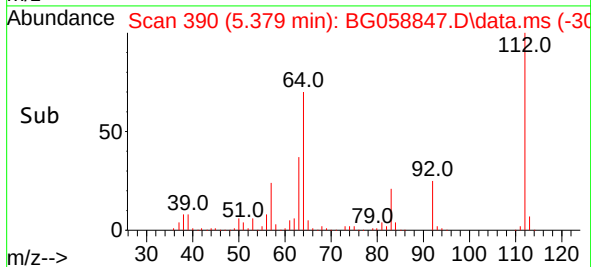
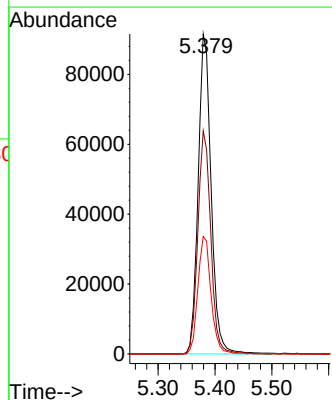
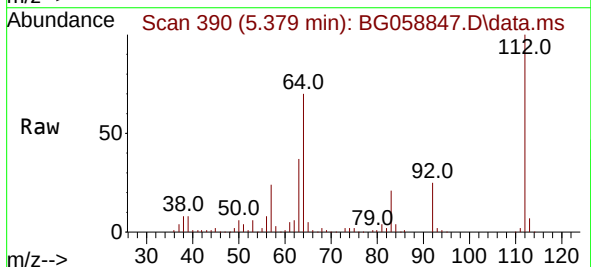
Instrument :
BNA_G
ClientSampleId :
TP-F

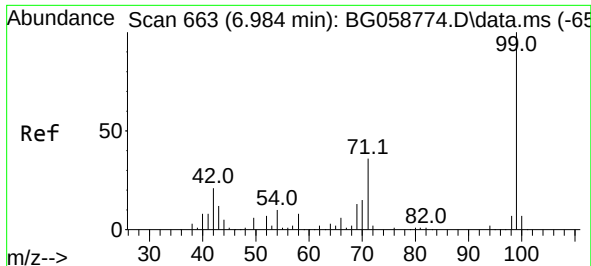
Tgt Ion:152 Resp: 16384
Ion Ratio Lower Upper
152 100
150 149.5 128.6 192.8
115 62.4 50.4 75.6



#5
2-Fluorophenol
Concen: 143.015 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion:112 Resp: 145605
Ion Ratio Lower Upper
112 100
64 69.7 60.6 90.8
63 36.7 31.0 46.4

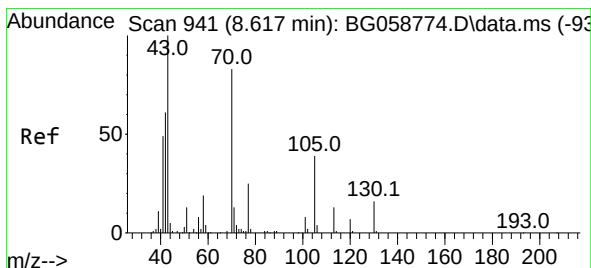
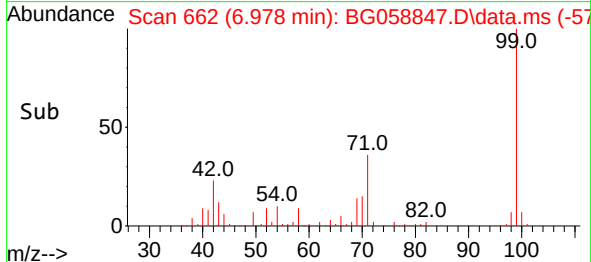
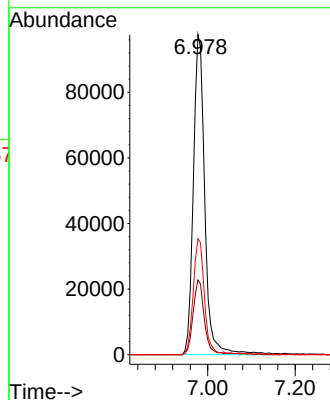
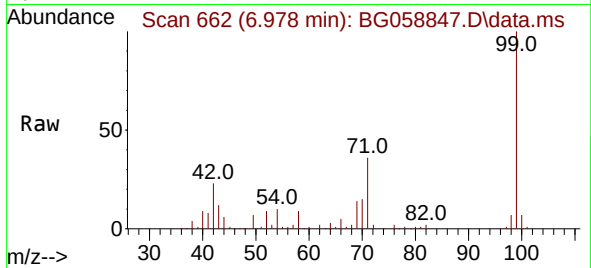




#7
Phenol-d6
Concen: 124.766 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

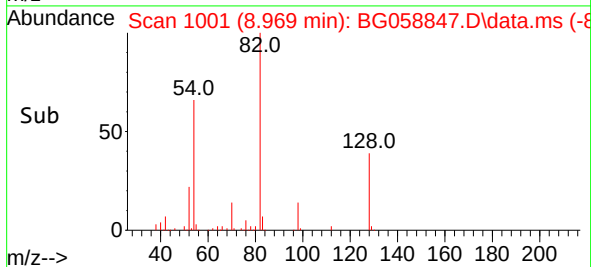
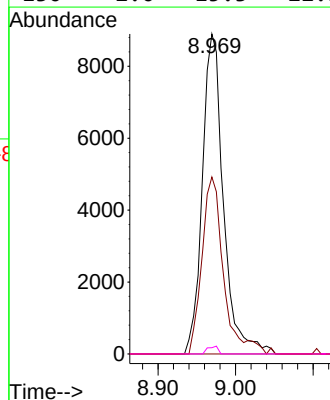
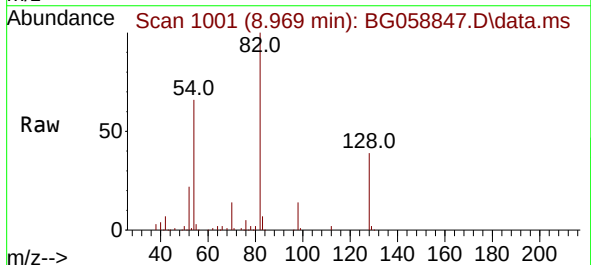
Instrument :
BNA_G
ClientSampleId :
TP-F

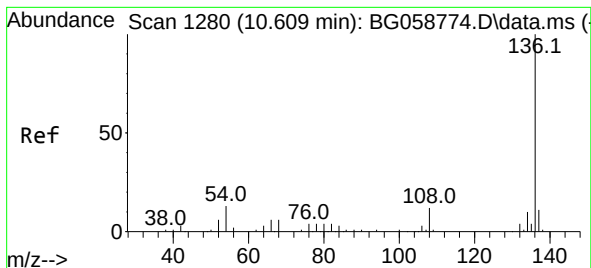
Tgt Ion: 99 Resp: 178219
Ion Ratio Lower Upper
99 100
42 23.3 16.5 24.7
71 36.2 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.227 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.352 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion: 70 Resp: 16830
Ion Ratio Lower Upper
70 100
42 55.3 59.2 88.8#
101 0.0 8.2 12.2#
130 2.0 15.3 22.9#

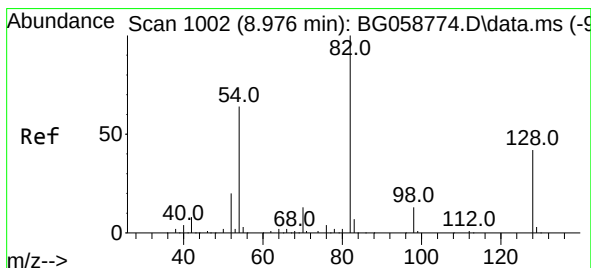
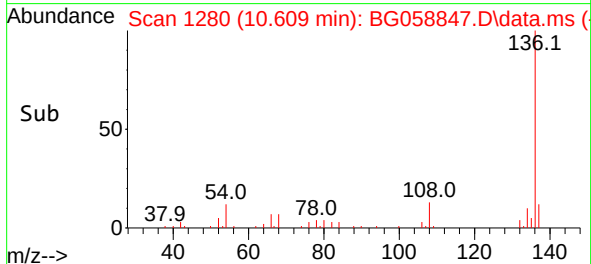
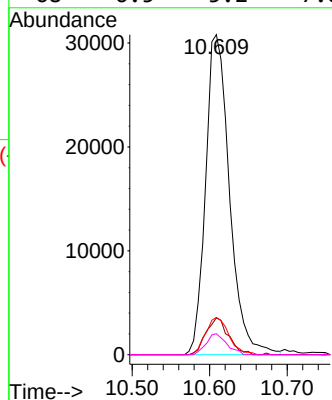
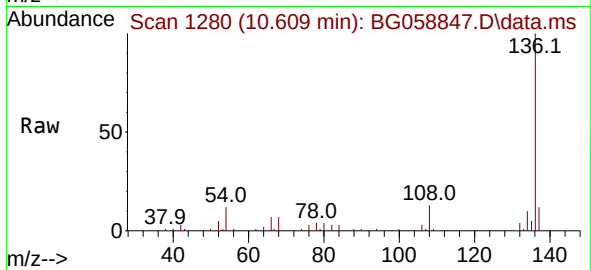




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

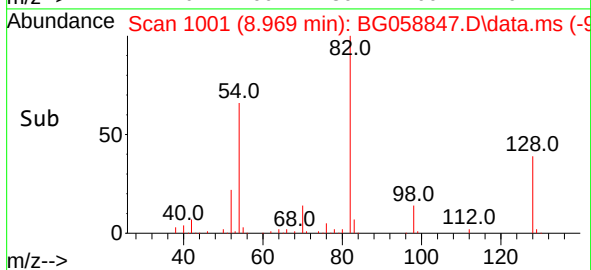
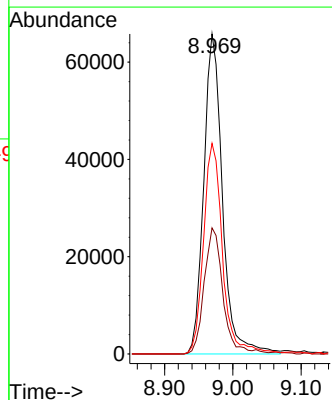
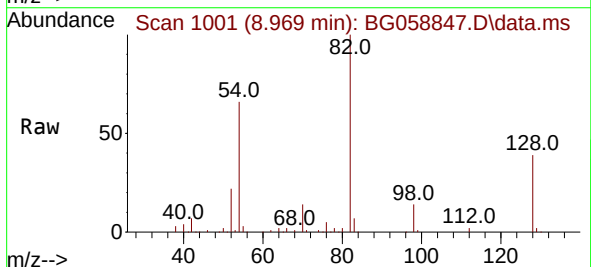
Instrument :
BNA_G
ClientSampleId :
TP-F

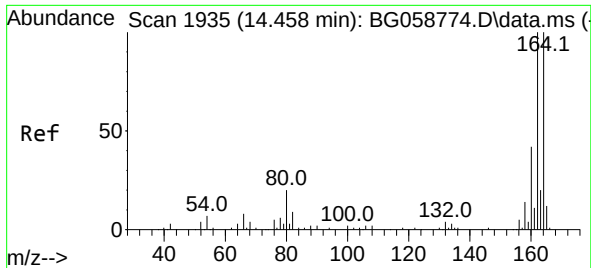
Tgt Ion:	136	Resp:	66096
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	11.6	10.1	15.1
68	6.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 91.392 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion:	82	Resp:	125643
Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.2	49.8
54	65.8	51.2	76.8

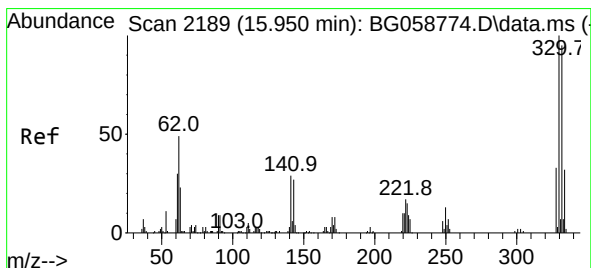
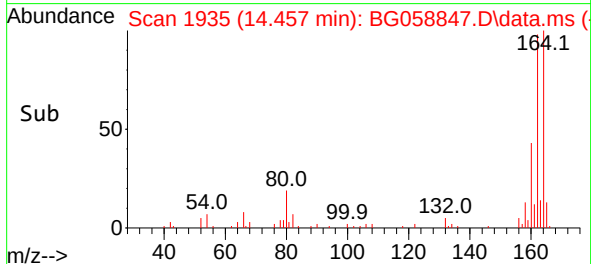
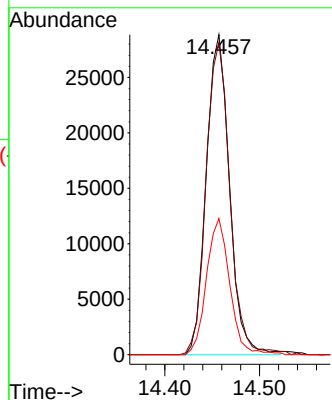
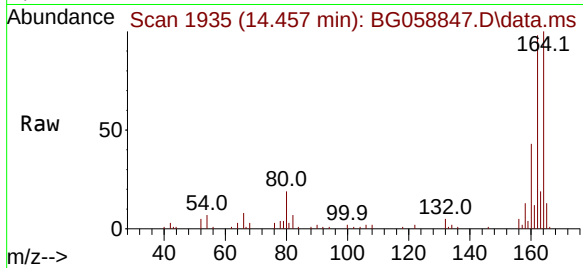




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

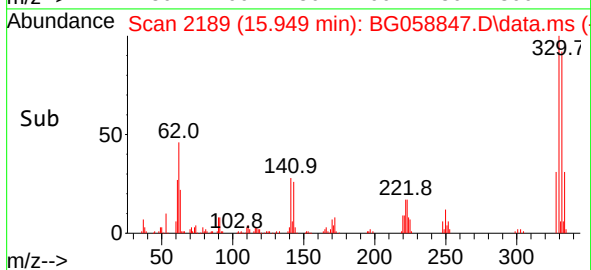
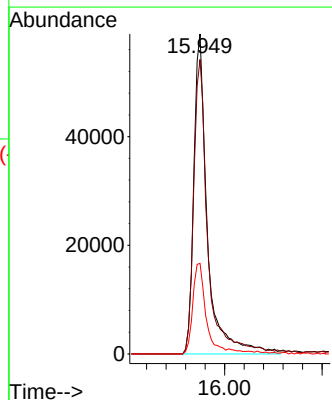
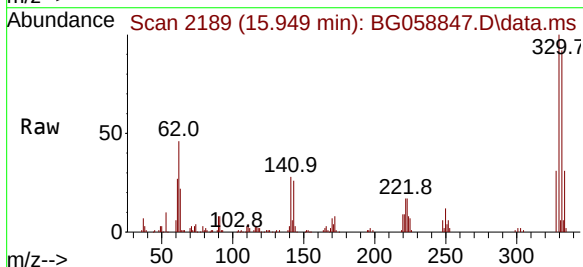
Instrument :
BNA_G
ClientSampleId :
TP-F

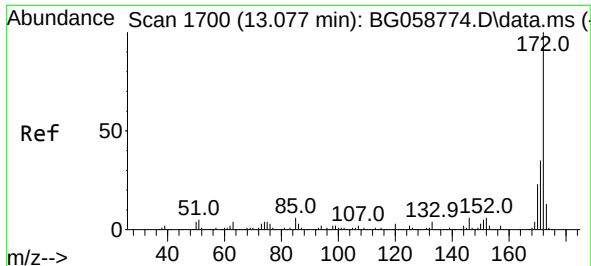
Tgt Ion:164	Resp:	49003	
Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.6	119.4
160	42.6	34.0	51.0



#42
2,4,6-Tribromophenol
Concen: 149.581 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion:330	Resp:	114932	
Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.5	117.7
141	28.6	23.0	34.6

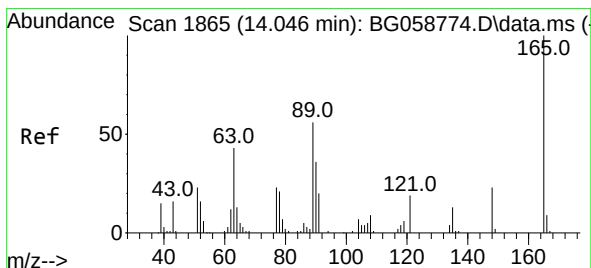
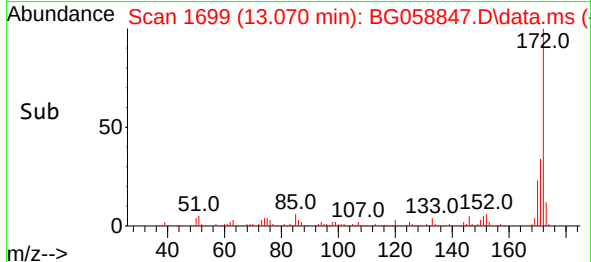
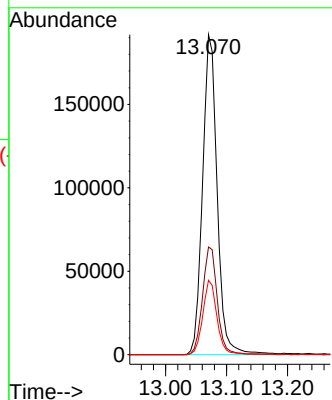
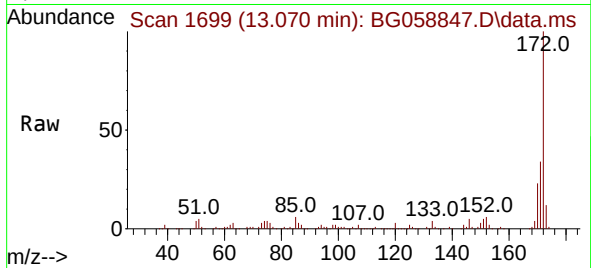




#45
2-Fluorobiphenyl
Concen: 94.891 ng
RT: 13.070 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

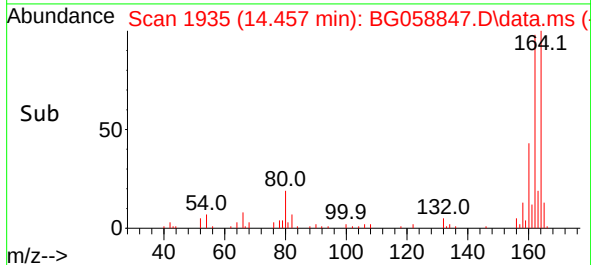
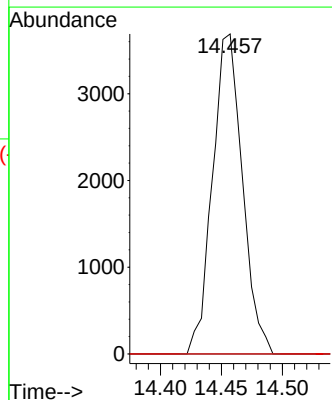
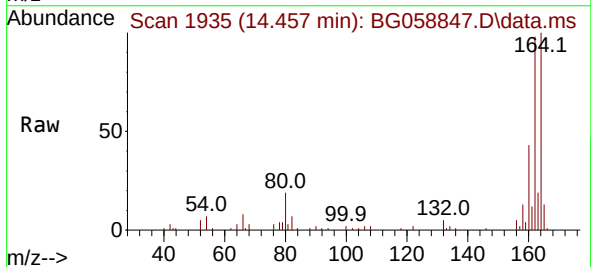
Instrument :
BNA_G
ClientSampleId :
TP-F

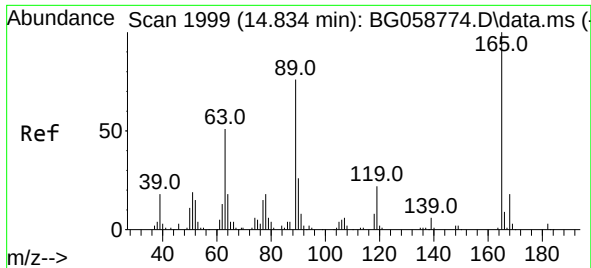
Tgt Ion:172 Resp: 319703
Ion Ratio Lower Upper
172 100
171 33.6 28.1 42.1
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.905 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion:165 Resp: 6301
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

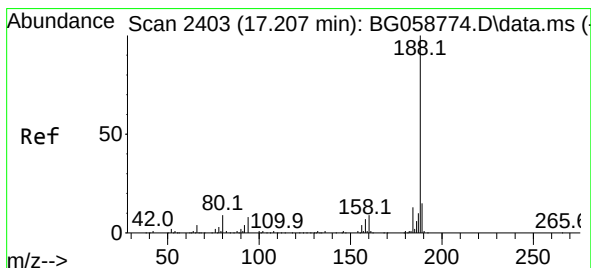
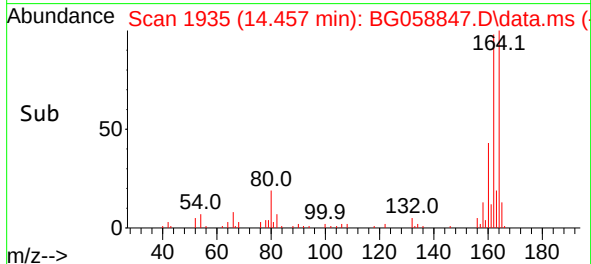
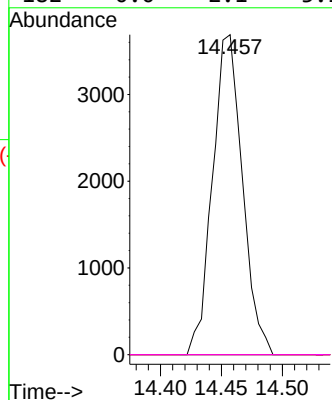
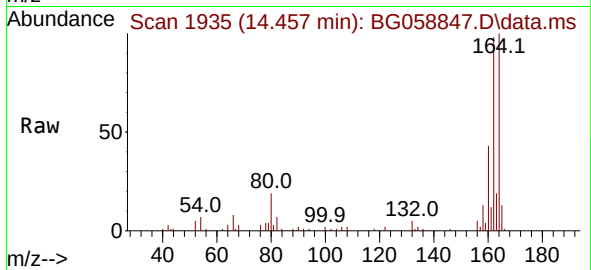




#57
2,4-Dinitrotoluene
Concen: 5.667 ng
RT: 14.457 min Scan# 1999
Delta R.T. -0.377 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

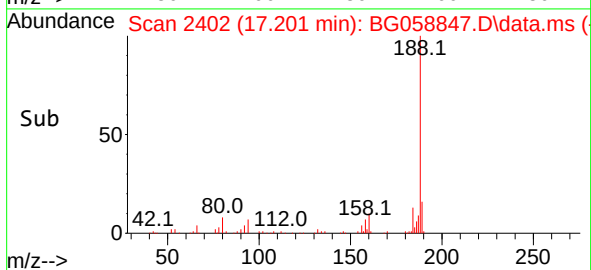
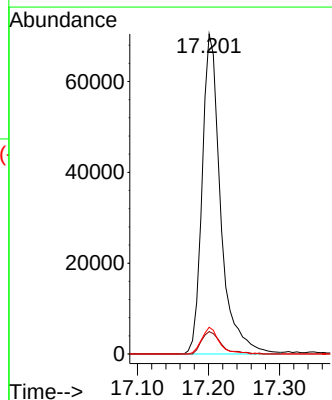
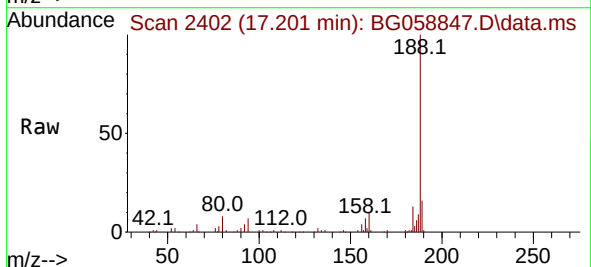
Instrument :
BNA_G
ClientSampleId :
TP-F

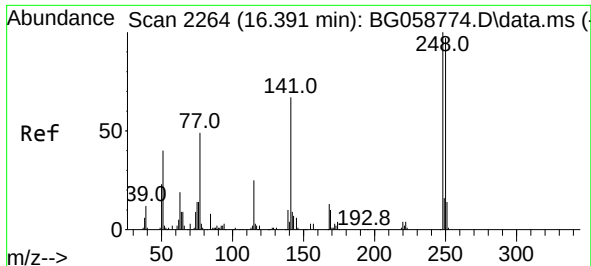
Tgt Ion:165	Resp:	6301
Ion	Ratio	Lower Upper
165	100	
63	0.0	41.8 62.6#
89	0.0	60.7 91.1#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion:188	Resp:	127683
Ion	Ratio	Lower Upper
188	100	
94	7.0	6.1 9.1
80	8.3	6.9 10.3

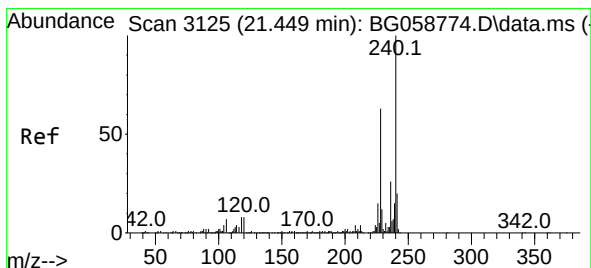
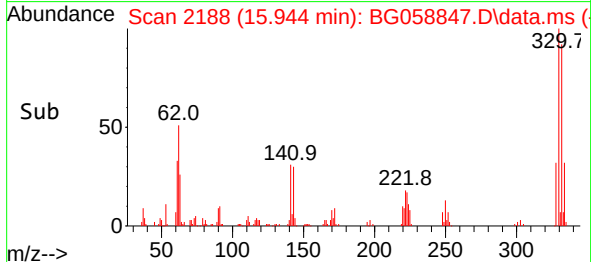
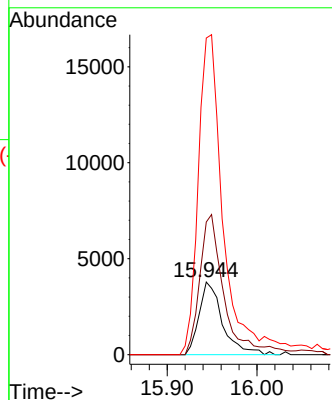
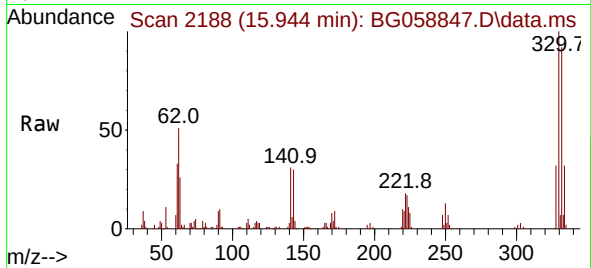




#67
4-Bromophenyl-phenylether
Concen: 4.912 ng
RT: 15.944 min Scan# 2188
Delta R.T. -0.447 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

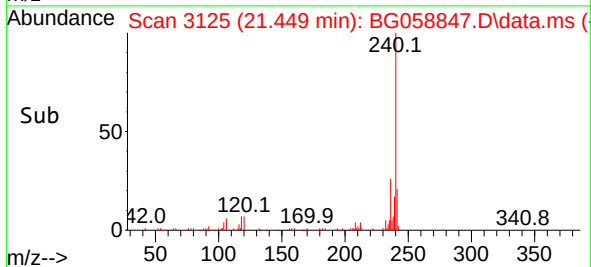
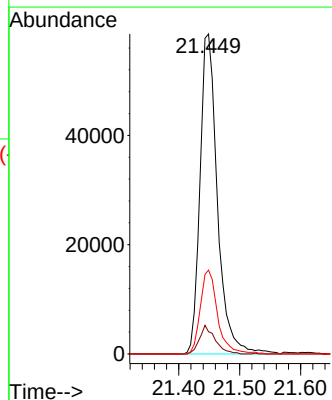
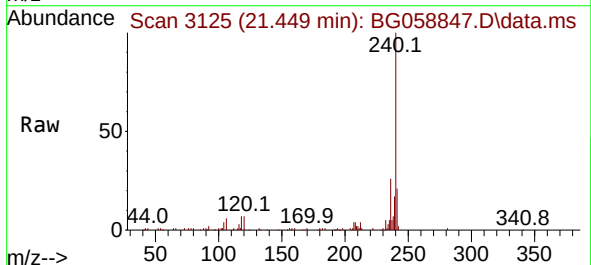
Instrument :
BNA_G
ClientSampleId :
TP-F

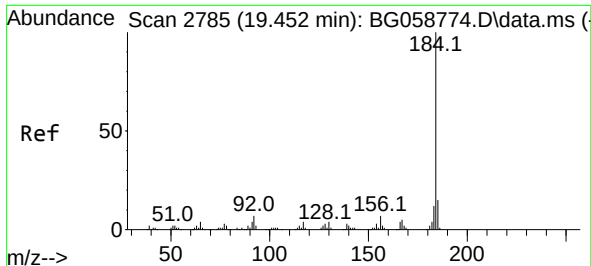
Tgt Ion:248 Resp: 6882
Ion Ratio Lower Upper
248 100
250 182.8 77.7 116.5#
141 436.1 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion:240 Resp: 116384
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.2
236 26.2 20.5 30.7

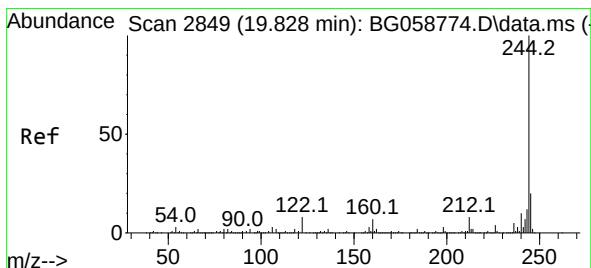
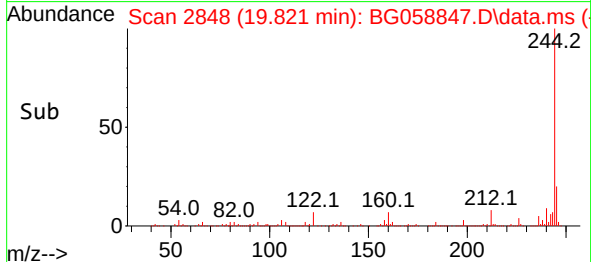
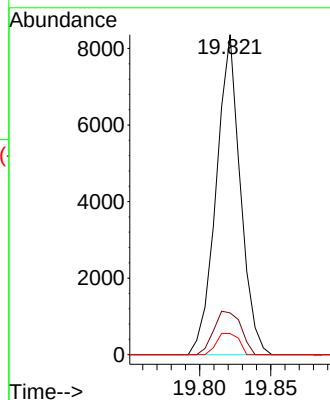
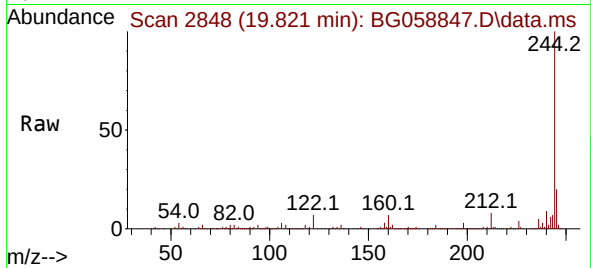




#77
Benzidine
Concen: 4.724 ng
RT: 19.821 min Scan# 2848
Delta R.T. 0.369 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

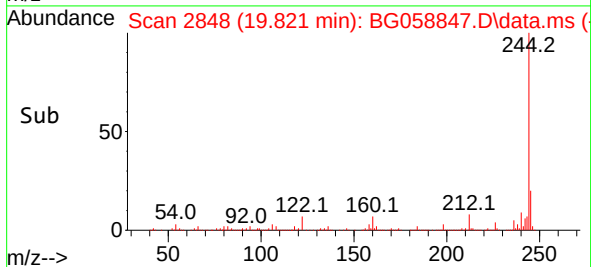
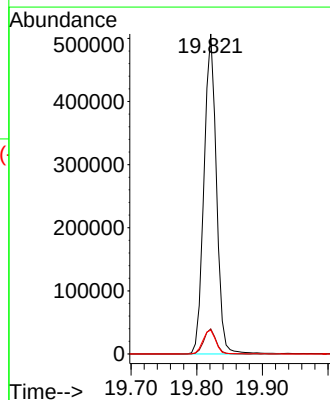
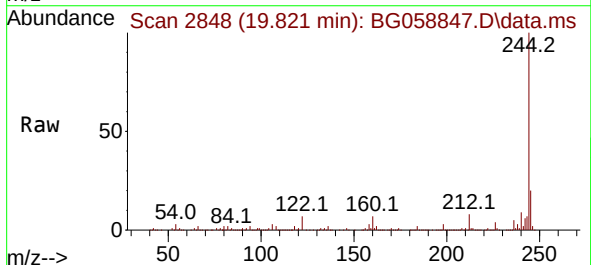
Instrument :
BNA_G
ClientSampleId :
TP-F

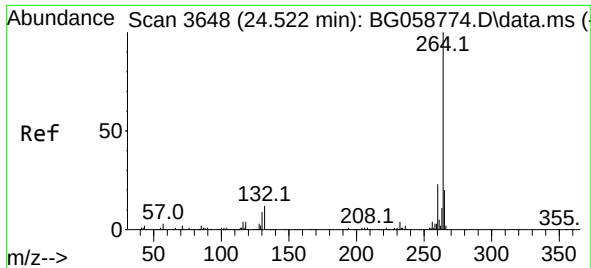
Tgt Ion:184 Resp: 9853
Ion Ratio Lower Upper
184 100
185 13.1 11.9 17.9
183 6.6 10.0 15.0#



#79
Terphenyl-d14
Concen: 103.435 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion:244 Resp: 670428
Ion Ratio Lower Upper
244 100
212 7.9 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. -0.000 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion:264 Resp: 134193
Ion Ratio Lower Upper
264 100
260 20.8 18.2 27.2
265 20.6 16.4 24.6

