

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058767.D
 Acq On : 17 Aug 2023 18:03
 Operator : MA/JU
 Sample : 04042-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-376

Quant Time: Aug 18 01:53:25 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)

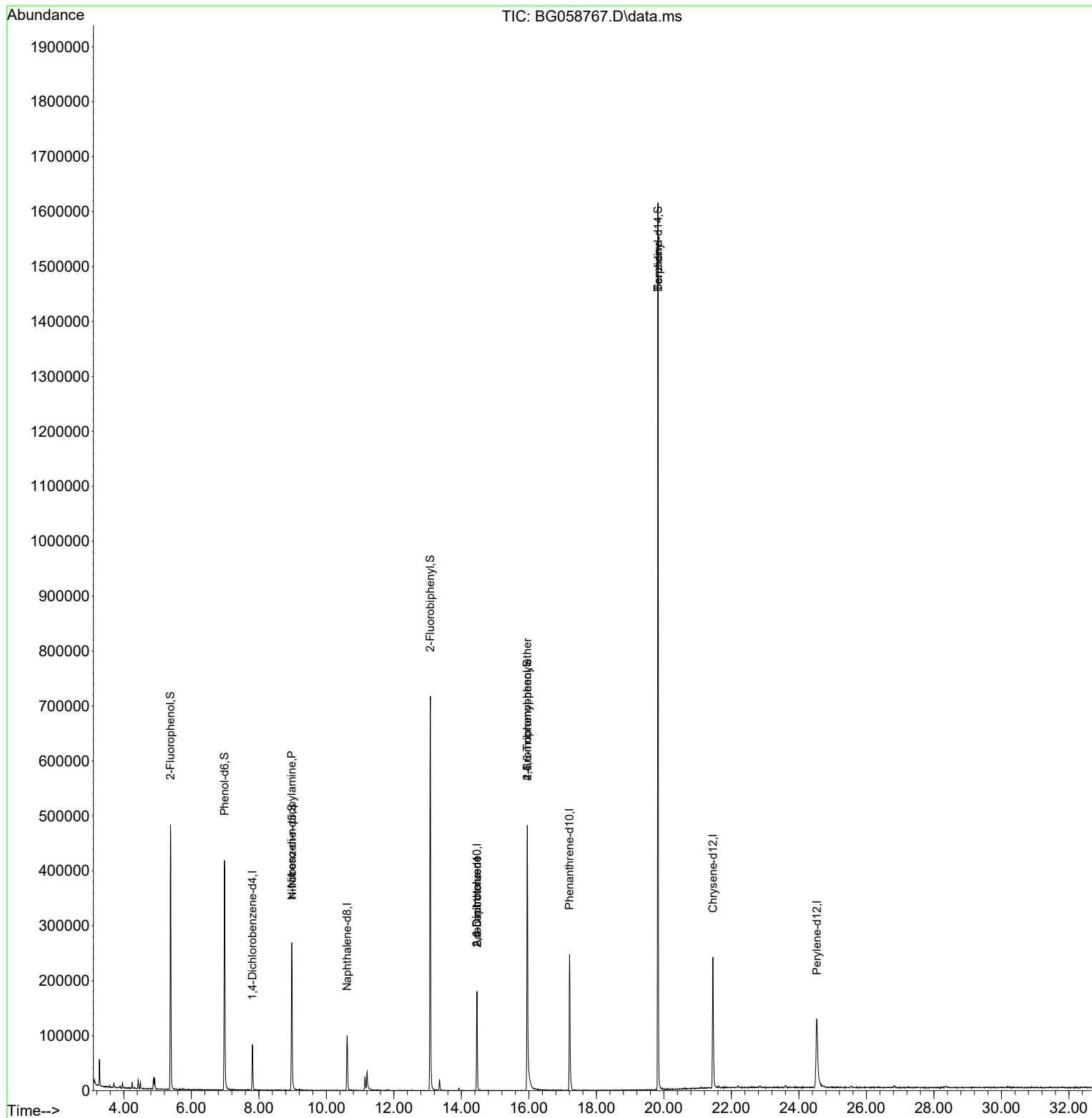
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	22924	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	95968	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	70534	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	191142	20.000	ng	0.00
76) Chrysene-d12	21.452	240	174248	20.000	ng	0.00
86) Perylene-d12	24.530	264	203300	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	193826	129.233	ng	0.00
7) Phenol-d6	6.980	99	246335	118.035	ng	0.00
23) Nitrobenzene-d5	8.978	82	174866	89.513	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	133731	115.674	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	422152	89.692	ng	0.00
79) Terphenyl-d14	19.824	244	858816	92.686	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.972	70	22609	16.772	ng	# 84
51) 2,6-Dinitrotoluene	14.460	165	8469	7.286	ng	# 22
57) 2,4-Dinitrotoluene	14.460	165	8469	5.256	ng	# 23
67) 4-Bromophenyl-phenylether	15.952	248	7540	3.478	ng	# 1
77) Benzidine	19.824	184	12061	4.565	ng	# 94

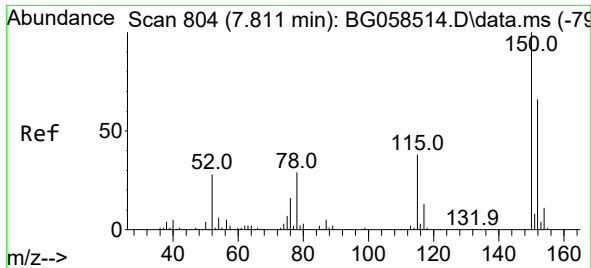
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
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Instrument :
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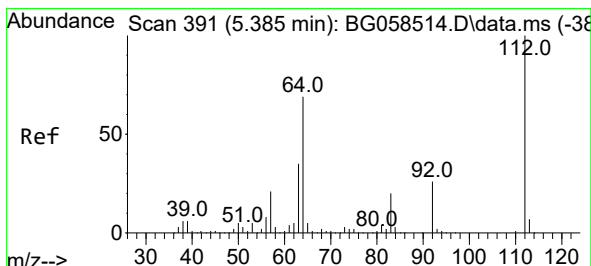
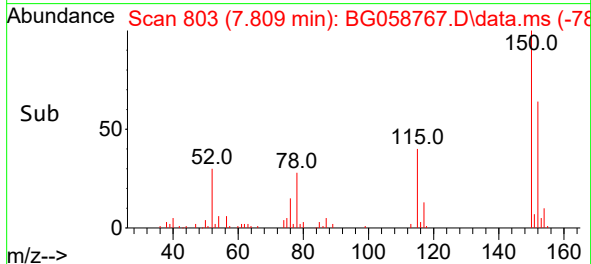
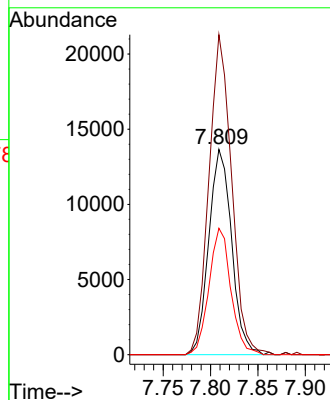
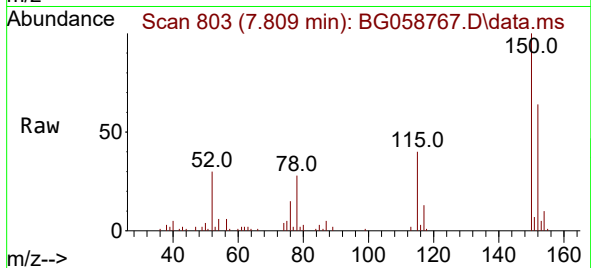




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

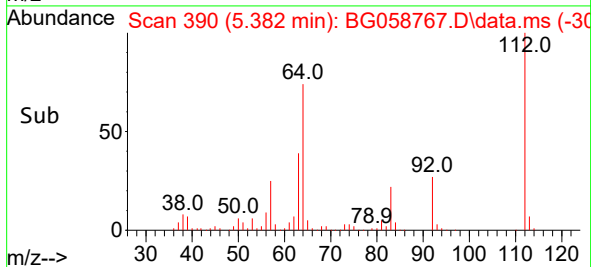
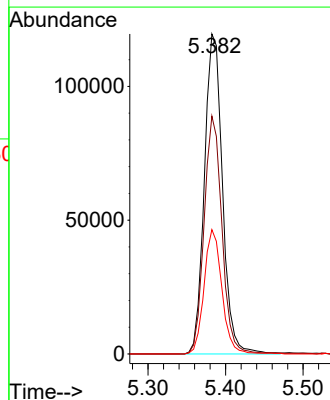
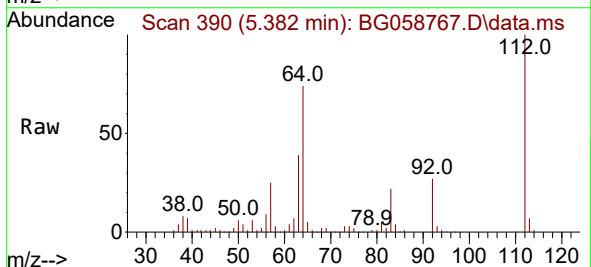
Instrument :
BNA_G
ClientSampleId :
TP-376

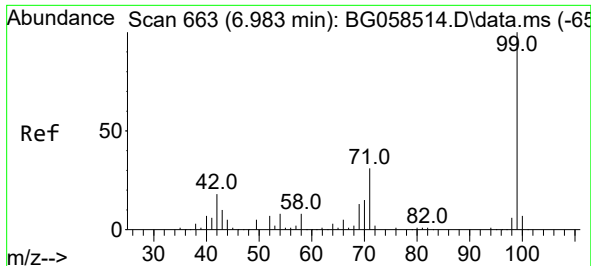
Tgt Ion:152 Resp: 22924
Ion Ratio Lower Upper
152 100
150 155.9 120.5 180.7
115 61.6 45.9 68.9



#5
2-Fluorophenol
Concen: 129.233 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

Tgt Ion:112 Resp: 193826
Ion Ratio Lower Upper
112 100
64 74.4 55.3 82.9
63 38.9 28.3 42.5

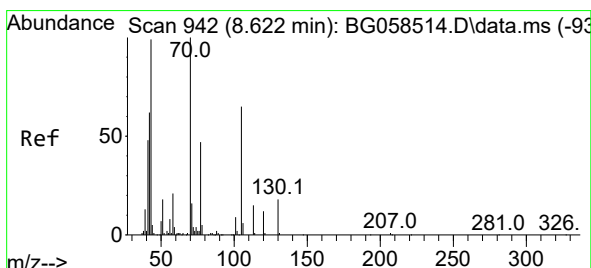
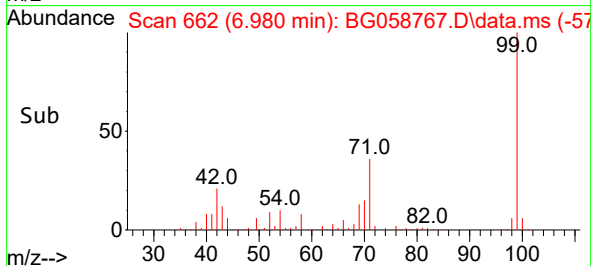
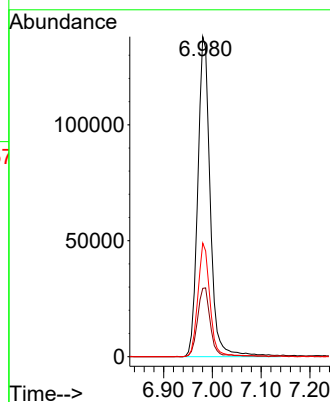
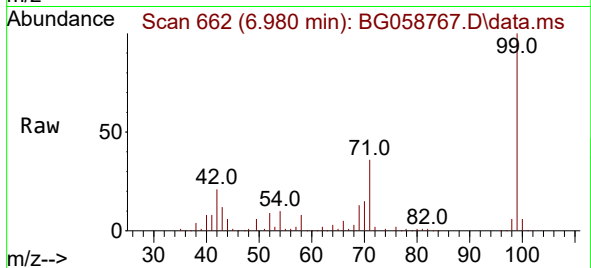




#7
Phenol-d6
Concen: 118.035 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

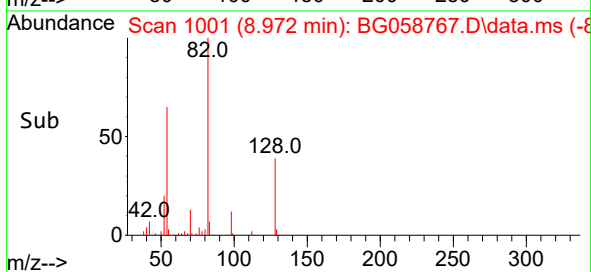
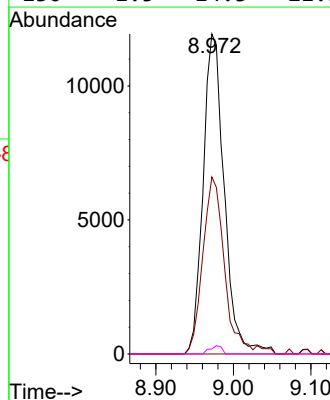
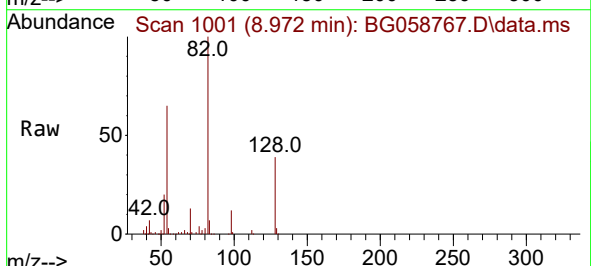
Instrument :
BNA_G
ClientSampleId :
TP-376

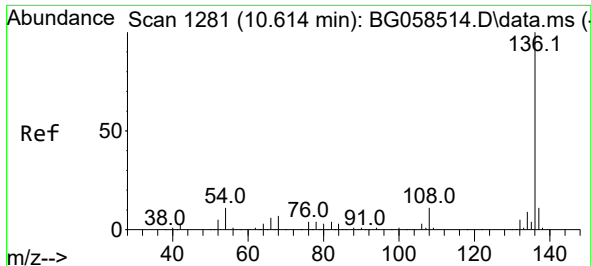
Tgt Ion: 99 Resp: 246335
Ion Ratio Lower Upper
99 100
42 21.3 14.6 21.8
71 35.5 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.772 ng
RT: 8.972 min Scan# 1001
Delta R.T. 0.350 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

Tgt Ion: 70 Resp: 22609
Ion Ratio Lower Upper
70 100
42 55.3 49.7 74.5
101 0.0 7.0 10.4#
130 1.5 14.3 21.5#

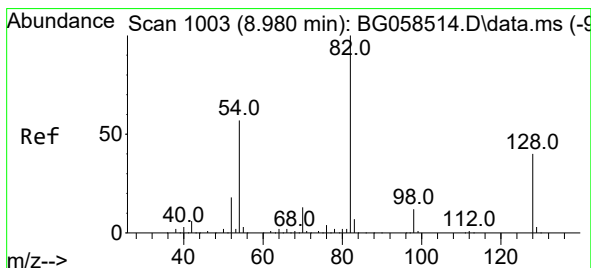
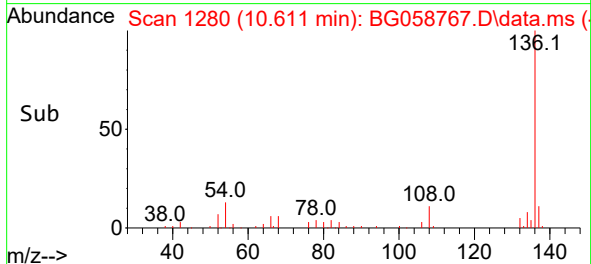
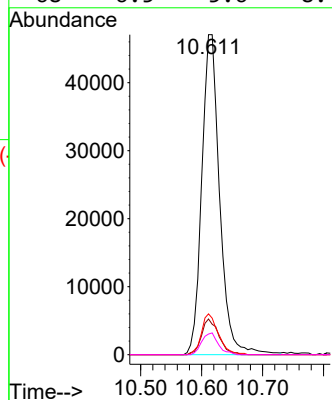
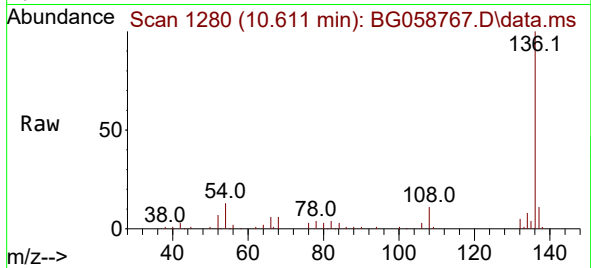




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

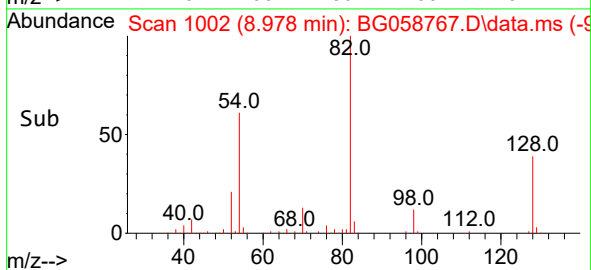
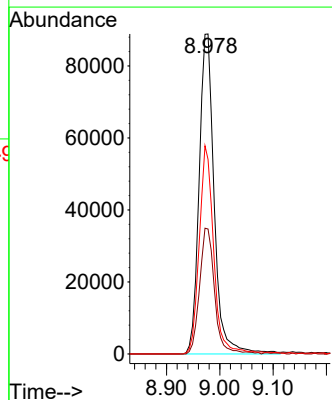
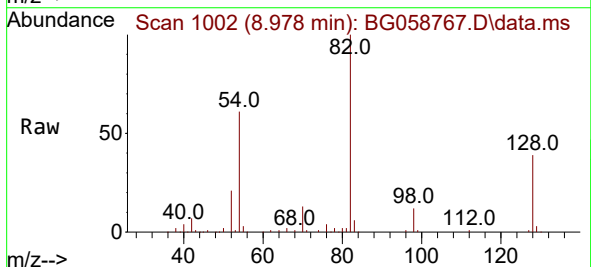
Instrument :
BNA_G
ClientSampleId :
TP-376

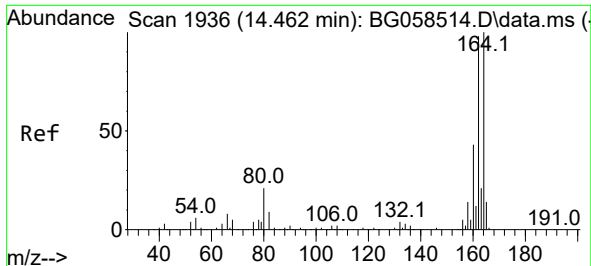
Tgt Ion:	136	Resp:	95968
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	12.7	8.9	13.3
68	6.5	5.6	8.4



#23
Nitrobenzene-d5
Concen: 89.513 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

Tgt Ion:	82	Resp:	174866
Ion Ratio	Lower	Upper	
82	100		
128	39.1	32.2	48.2
54	60.8	46.0	69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.460 min Scan# 1936

Delta R.T. -0.002 min

Lab File: BG058767.D

Acq: 17 Aug 2023 18:03

Instrument :

BNA_G

ClientSampleId :

TP-376

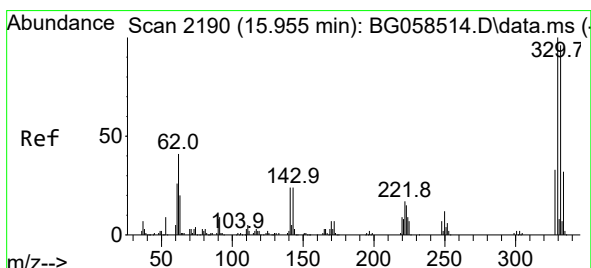
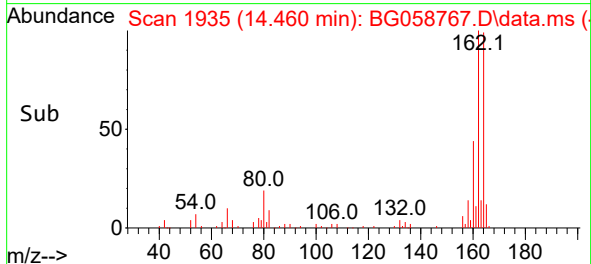
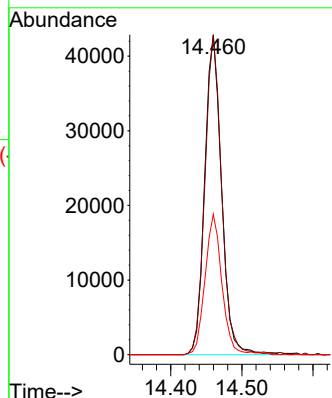
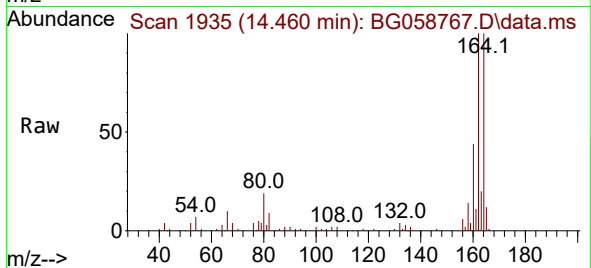
Tgt Ion:164 Resp: 70534

Ion Ratio Lower Upper

164 100

162 100.2 78.3 117.5

160 43.9 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 115.674 ng

RT: 15.952 min Scan# 2189

Delta R.T. -0.002 min

Lab File: BG058767.D

Acq: 17 Aug 2023 18:03

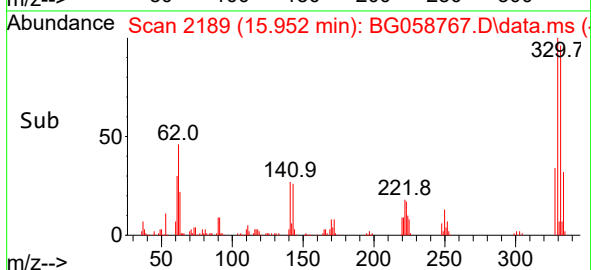
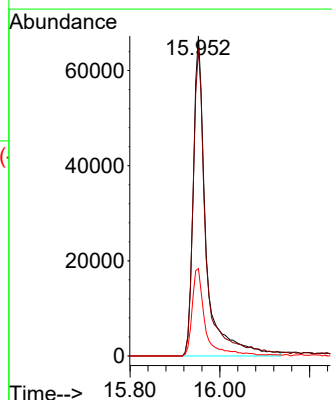
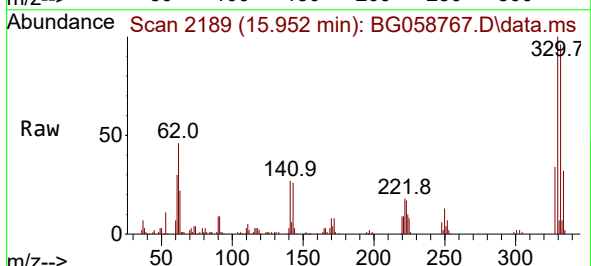
Tgt Ion:330 Resp: 133731

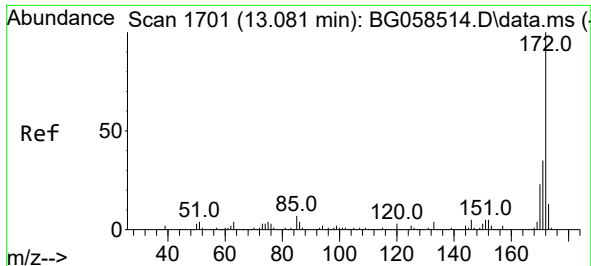
Ion Ratio Lower Upper

330 100

332 97.4 77.5 116.3

141 28.0 20.7 31.1

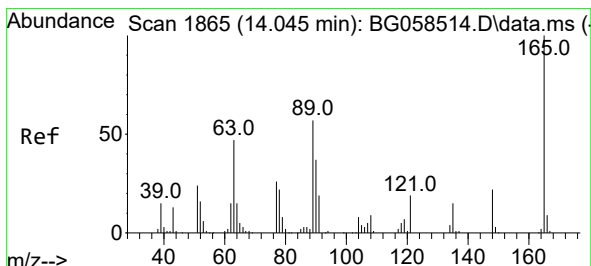
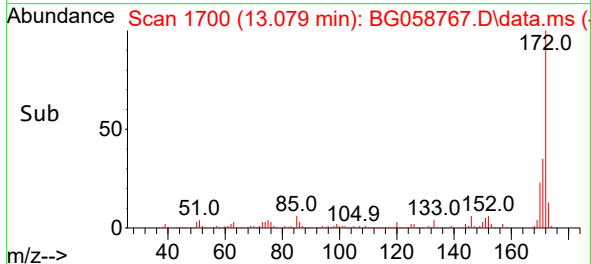
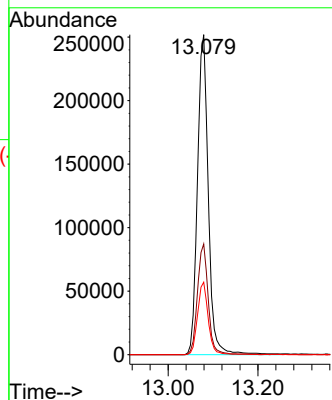
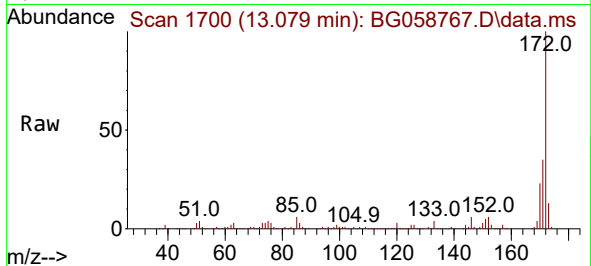




#45
2-Fluorobiphenyl
Concen: 89.692 ng
RT: 13.079 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

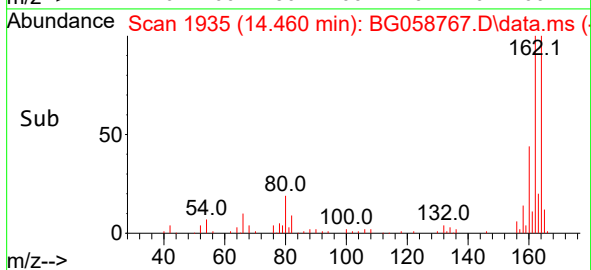
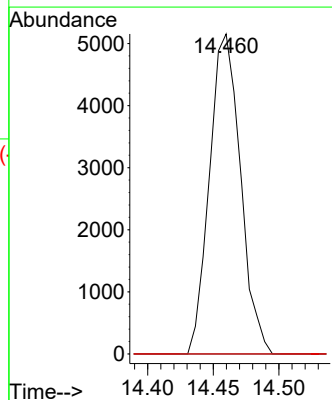
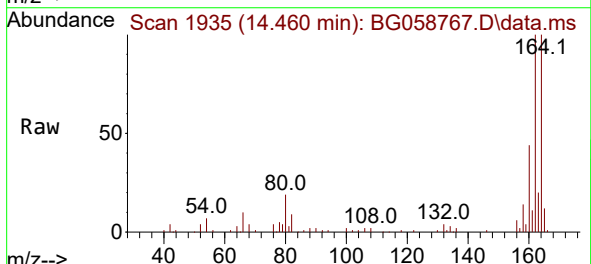
Instrument :
BNA_G
ClientSampleId :
TP-376

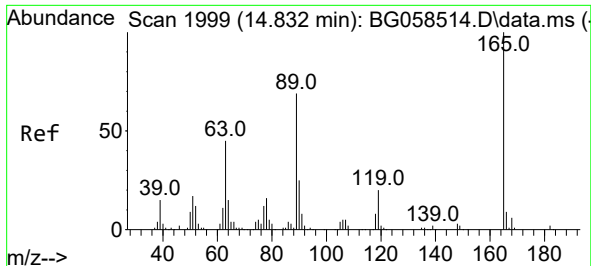
Tgt Ion:172 Resp: 422152
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 22.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.286 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.415 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

Tgt Ion:165 Resp: 8469
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: 5.256 ng

RT: 14.460 min Scan# 1999

Delta R.T. -0.372 min

Lab File: BG058767.D

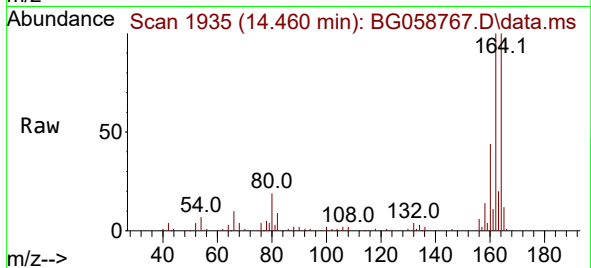
Acq: 17 Aug 2023 18:03

Instrument :

BNA_G

ClientSampleId :

TP-376



Tgt Ion:165 Resp: 8469

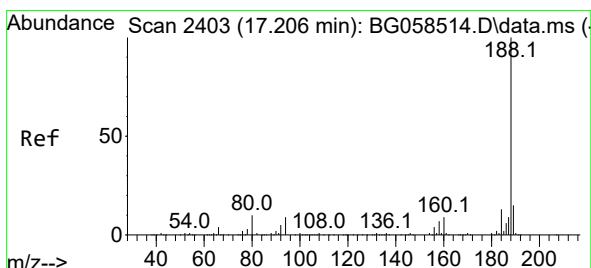
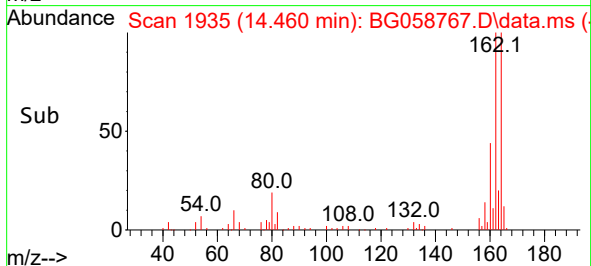
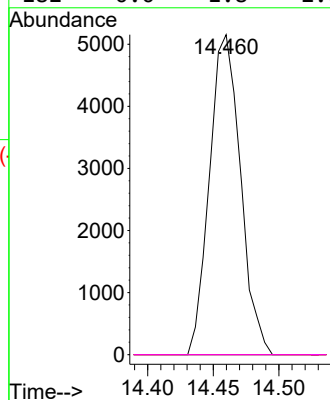
Ion Ratio Lower Upper

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: 17.204 min Scan# 2402

Delta R.T. -0.002 min

Lab File: BG058767.D

Acq: 17 Aug 2023 18:03

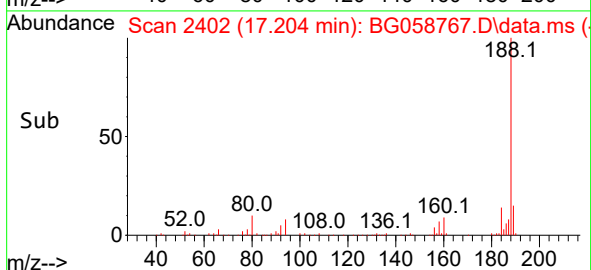
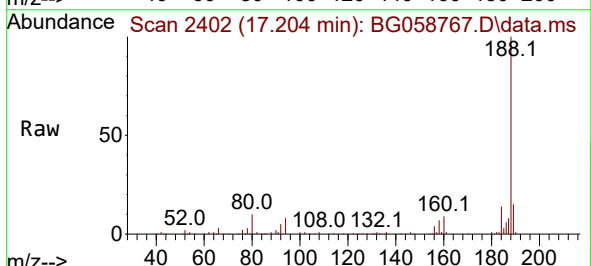
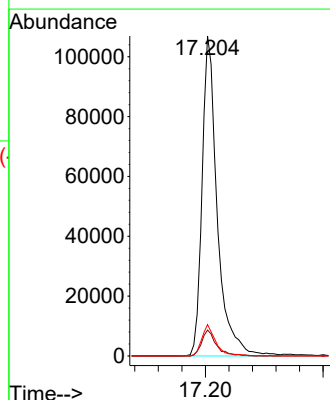
Tgt Ion:188 Resp: 191142

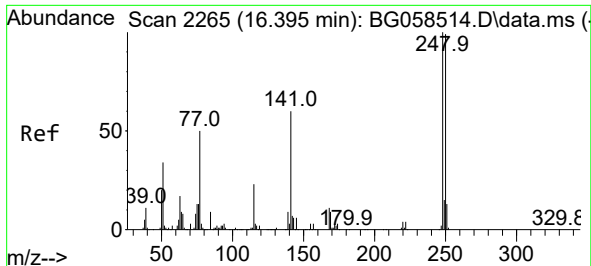
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.8 8.1 12.1

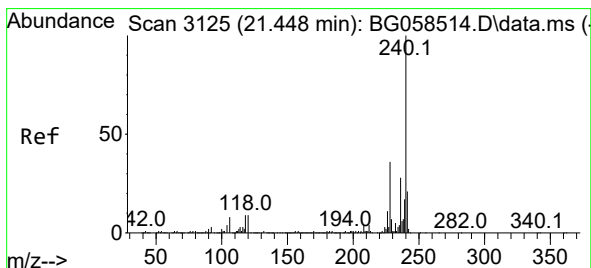
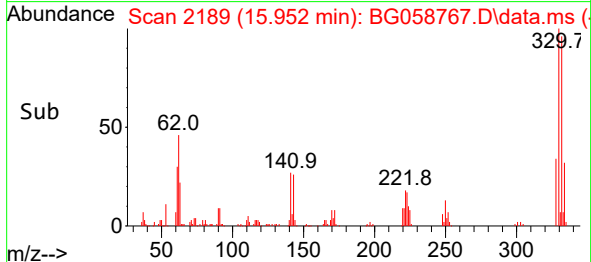
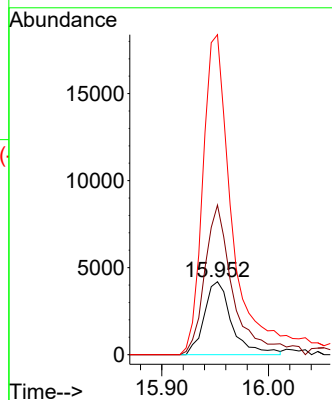
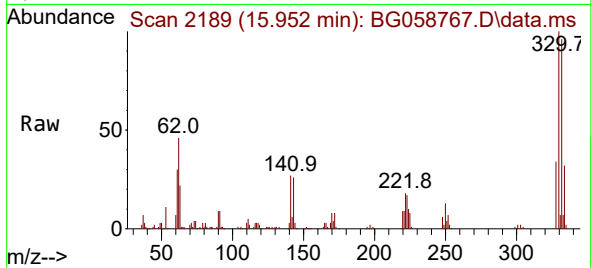




#67
4-Bromophenyl-phenylether
Concen: 3.478 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.443 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

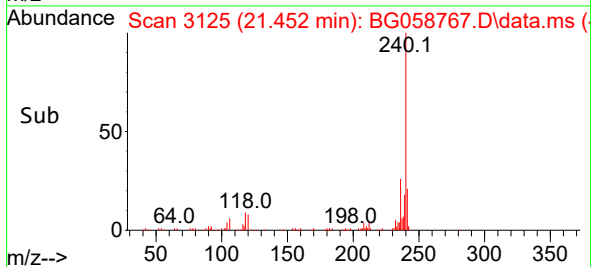
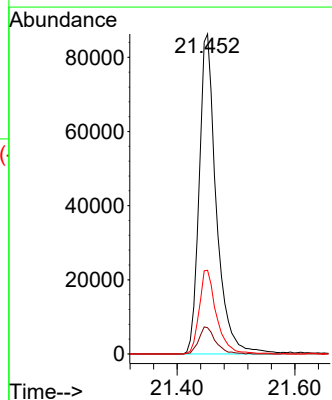
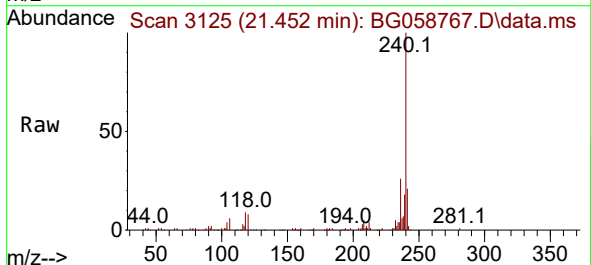
Instrument :
BNA_G
ClientSampleId :
TP-376

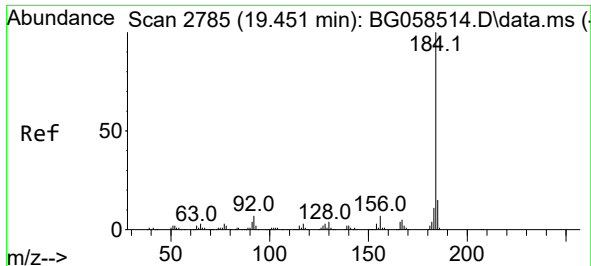
Tgt Ion:248 Resp: 7540
Ion Ratio Lower Upper
248 100
250 205.1 79.5 119.3#
141 438.8 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

Tgt Ion:240 Resp: 174248
Ion Ratio Lower Upper
240 100
120 8.2 7.4 11.0
236 26.2 22.2 33.4

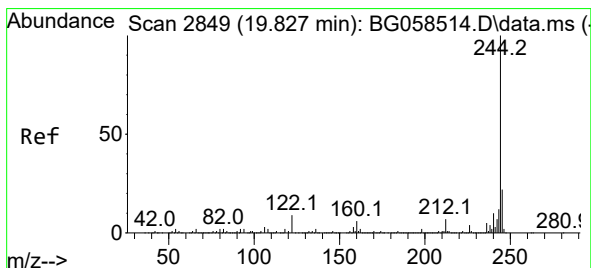
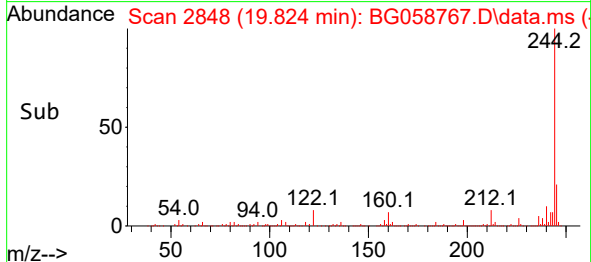
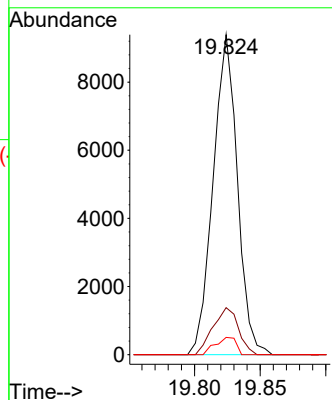
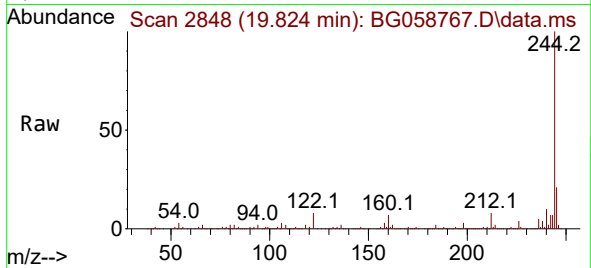




#77
Benzidine
Concen: 4.565 ng
RT: 19.824 min Scan# 21
Delta R.T. 0.374 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

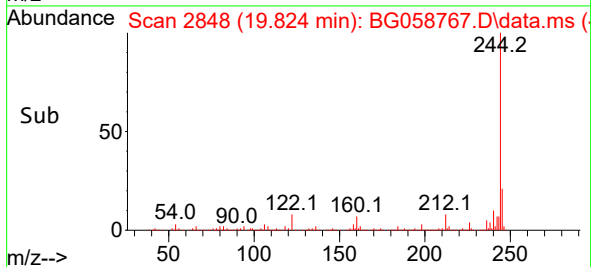
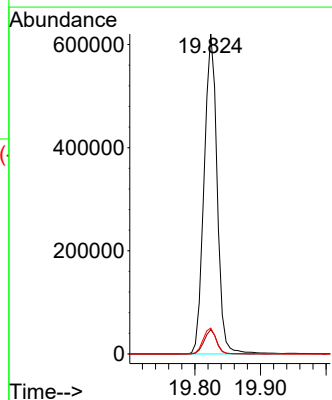
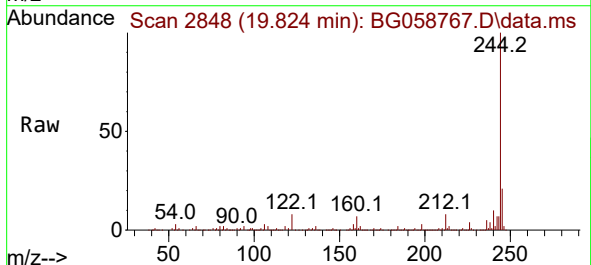
Instrument :
BNA_G
ClientSampleId :
TP-376

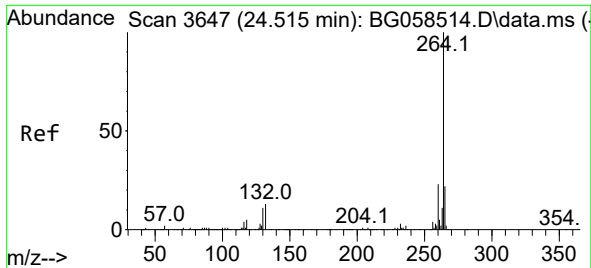
Tgt Ion:184 Resp: 12061
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 5.4 8.7 13.1#



#79
Terphenyl-d14
Concen: 92.686 ng
RT: 19.824 min Scan# 2848
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

Tgt Ion:244 Resp: 858816
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 8.1 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.530 min Scan# 30
Delta R.T. 0.015 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

Instrument :
BNA_G
ClientSampleId :
TP-376

Tgt Ion:264 Resp: 203300
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 21.6 17.9 26.9

