

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058557.D
 Acq On : 1 Aug 2023 11:14
 Operator : MA/JU
 Sample : 03769-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P40A

Quant Time: Aug 01 19:01:15 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)

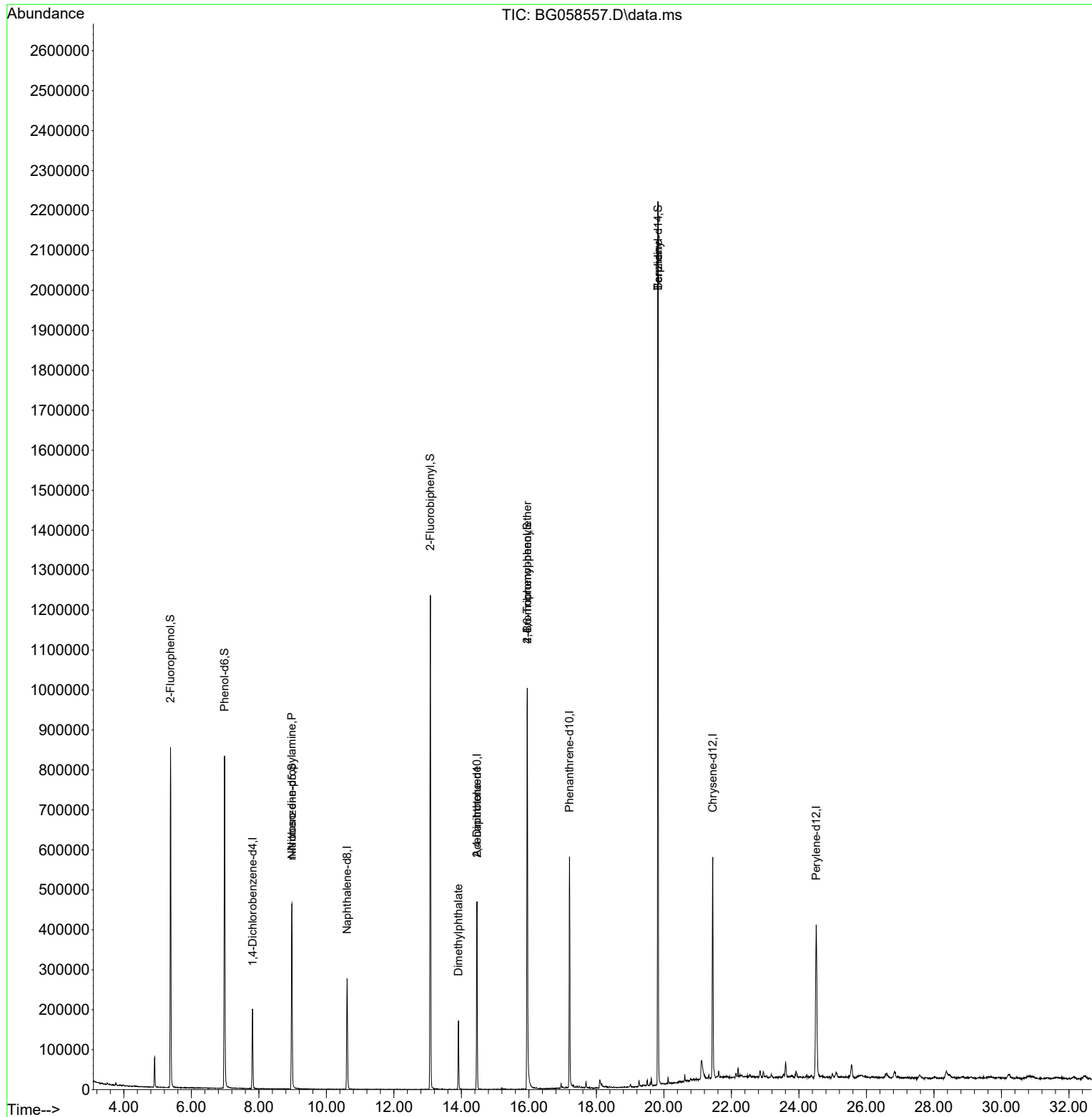
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	56487	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	242302	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	168976	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	375102	20.000	ng	0.00
76) Chrysene-d12	21.446	240	324574	20.000	ng	0.00
86) Perylene-d12	24.513	264	404452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.383	112	366282	99.111	ng	0.00
7) Phenol-d6	6.981	99	517323	100.598	ng	0.00
23) Nitrobenzene-d5	8.978	82	301318	61.090	ng	0.00
42) 2,4,6-Tribromophenol	15.953	330	249797	90.191	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	689563	61.155	ng	0.00
79) Terphenyl-d14	19.824	244	1190688	68.986	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.973	70	38106	11.472	ng	Qvalue # 78
50) Dimethylphthalate	13.914	163	122741	9.672	ng	100
57) 2,4-Dinitrotoluene	14.460	165	21371	5.536	ng	# 23
67) 4-Bromophenyl-phenylether	15.953	248	15678	3.685	ng	# 1
77) Benzidine	19.824	184	14677	2.982	ng	# 88

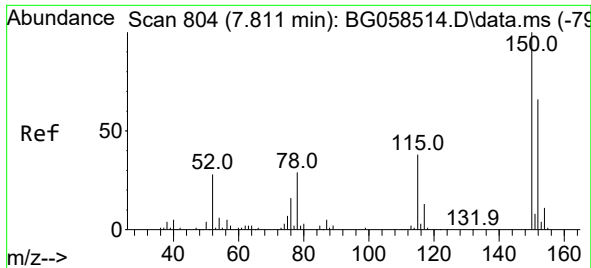
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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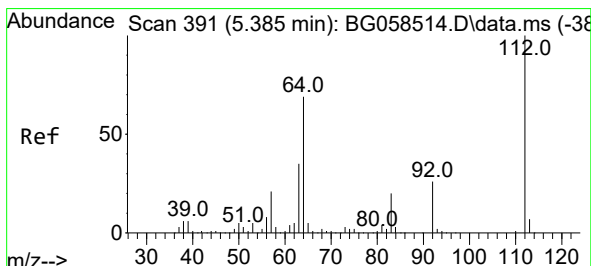
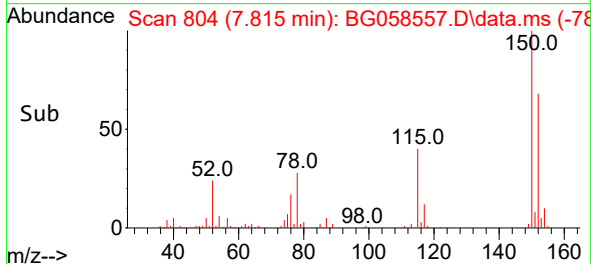
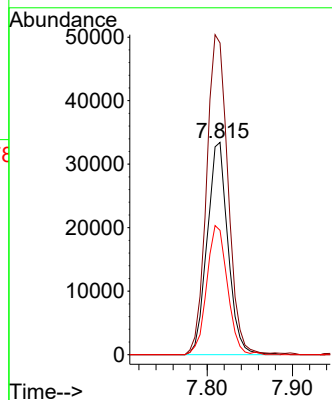
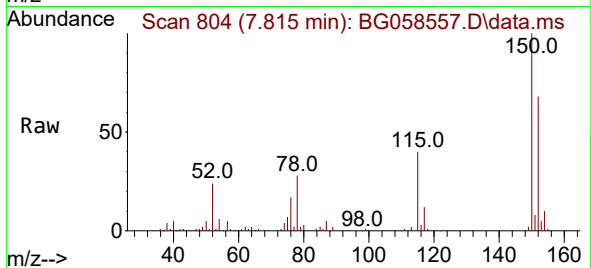




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

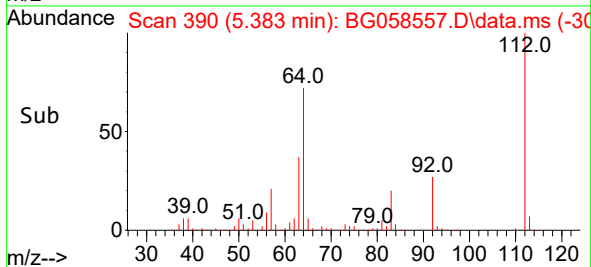
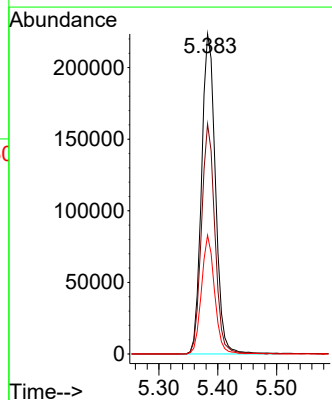
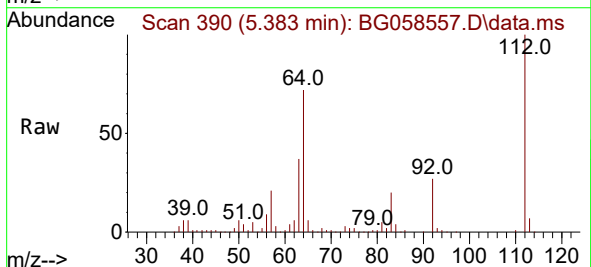
Instrument :
BNA_G
ClientSampleId :
B-P40A

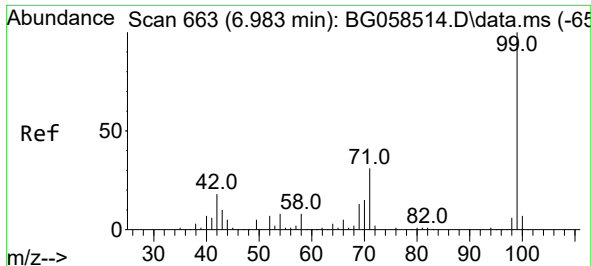
Tgt Ion:152 Resp: 56487
Ion Ratio Lower Upper
152 100
150 146.8 120.5 180.7
115 58.6 45.9 68.9



#5
2-Fluorophenol
Concen: 99.111 ng
RT: 5.383 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

Tgt Ion:112 Resp: 366282
Ion Ratio Lower Upper
112 100
64 71.8 55.3 82.9
63 37.1 28.3 42.5

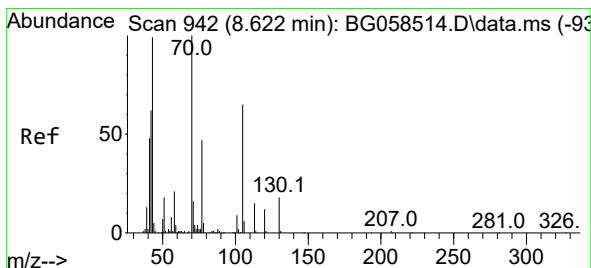
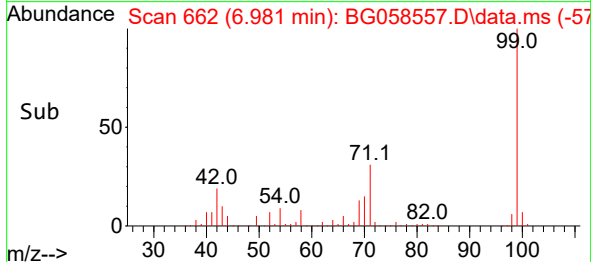
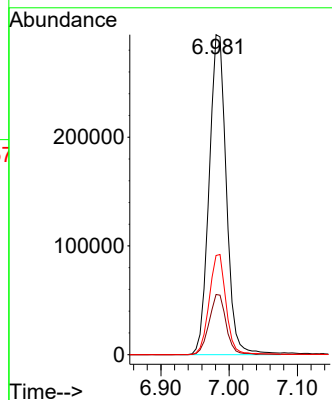
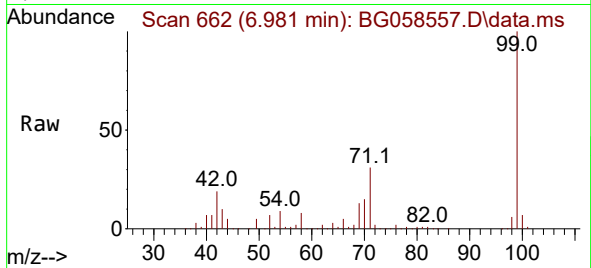




#7
Phenol-d6
Concen: 100.598 ng
RT: 6.981 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

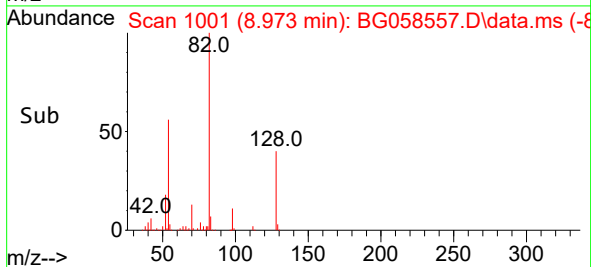
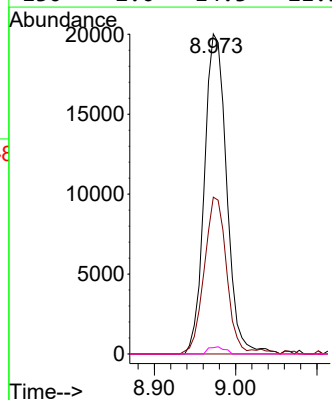
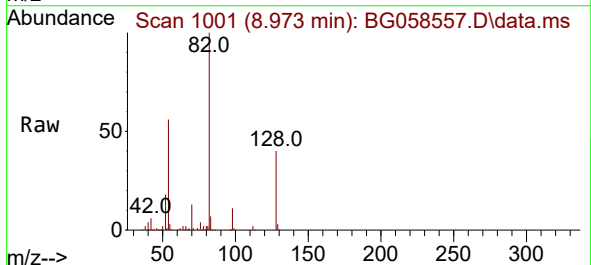
Instrument :
BNA_G
ClientSampleId :
B-P40A

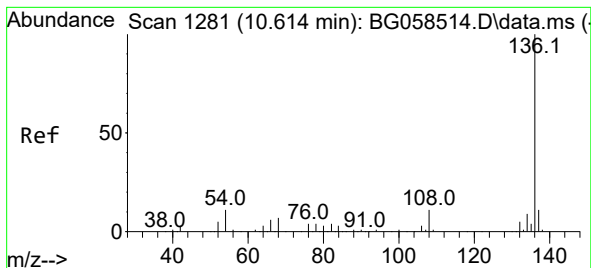
Tgt Ion: 99 Resp: 517323
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 31.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.472 ng
RT: 8.973 min Scan# 1001
Delta R.T. 0.350 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

Tgt Ion: 70 Resp: 38106
Ion Ratio Lower Upper
70 100
42 49.0 49.7 74.5#
101 0.0 7.0 10.4#
130 2.0 14.3 21.5#

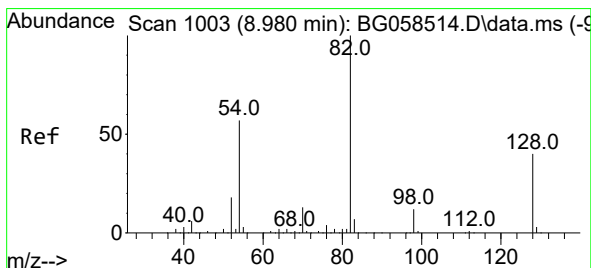
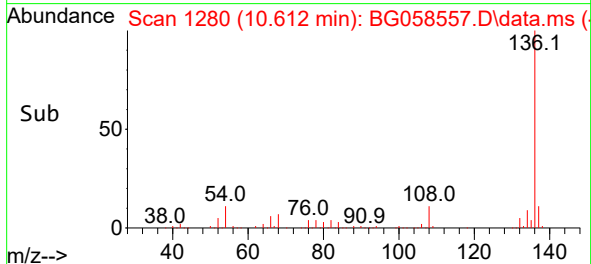
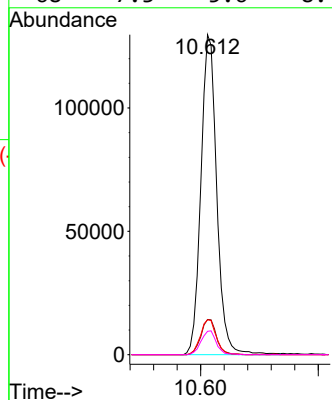
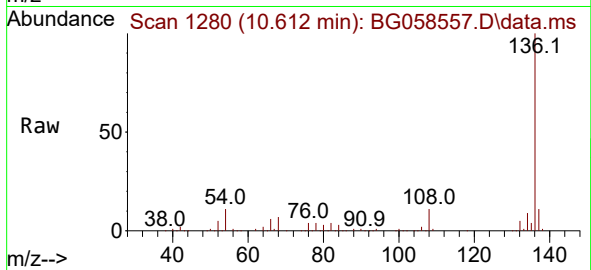




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

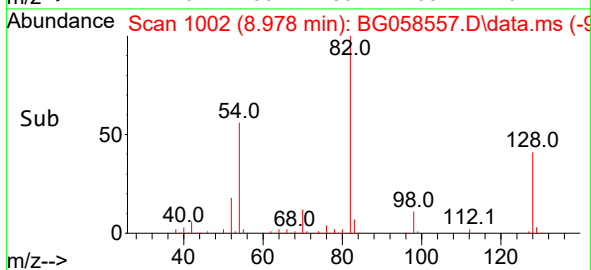
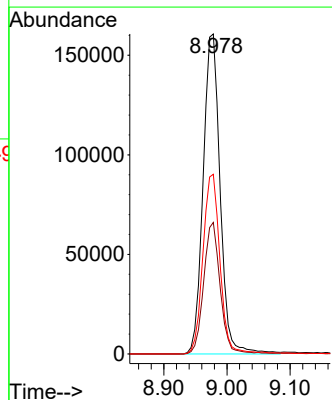
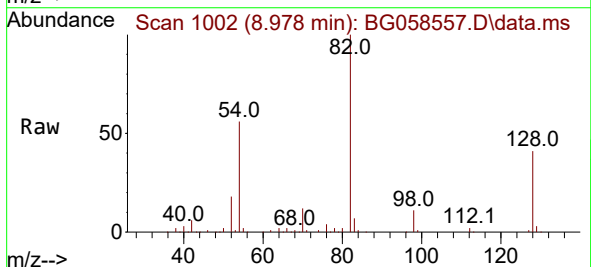
Instrument :
BNA_G
ClientSampleId :
B-P40A

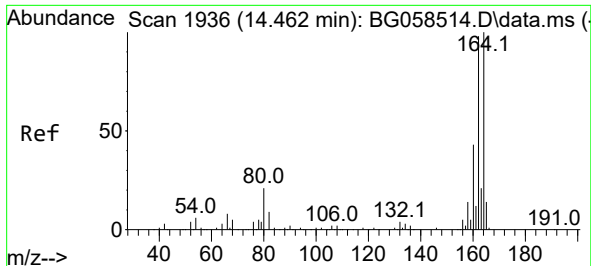
Tgt Ion:136 Resp: 242302
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.9 8.9 13.3
68 7.3 5.6 8.4



#23
Nitrobenzene-d5
Concen: 61.090 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

Tgt Ion: 82 Resp: 301318
Ion Ratio Lower Upper
82 100
128 41.1 32.2 48.2
54 56.2 46.0 69.0

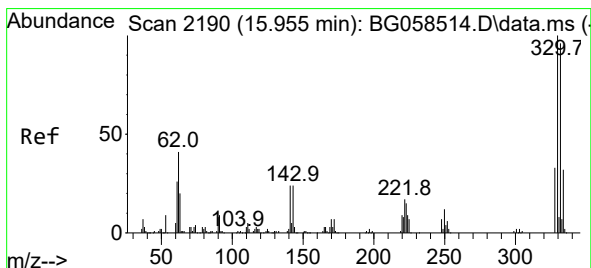
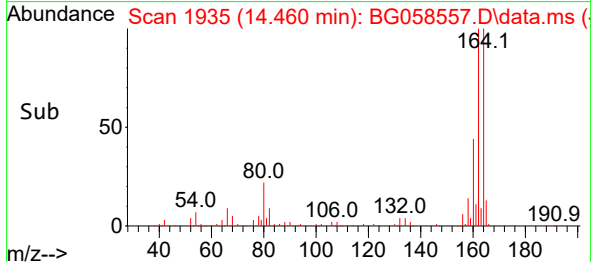
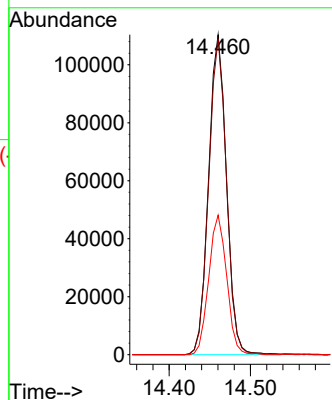
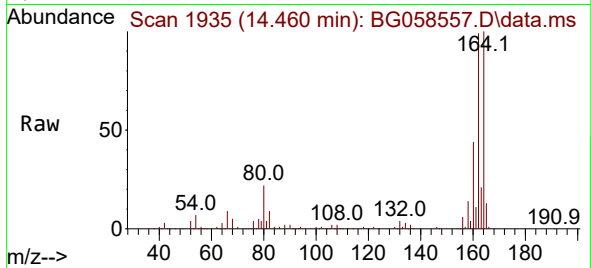




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

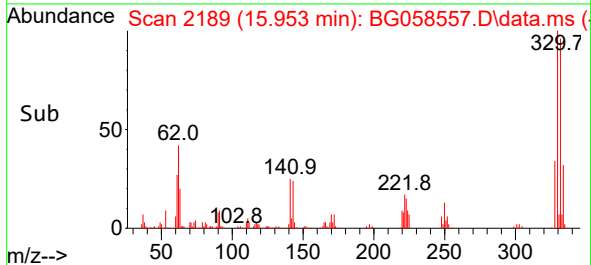
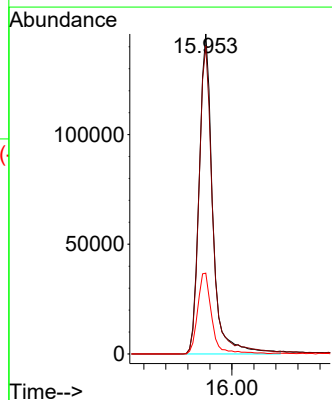
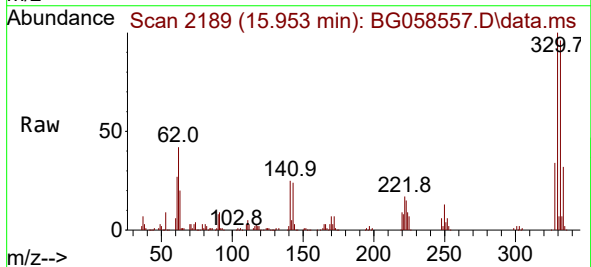
Instrument :
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ClientSampleId :
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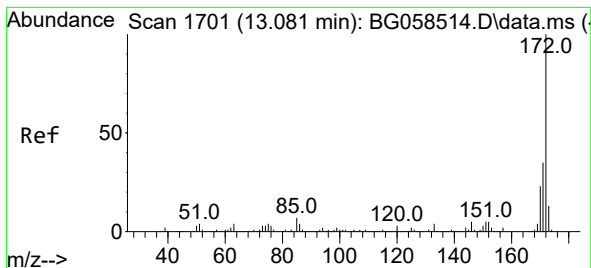
Tgt Ion:164 Resp: 168976
Ion Ratio Lower Upper
164 100
162 98.8 78.3 117.5
160 43.6 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 90.191 ng
RT: 15.953 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

Tgt Ion:330 Resp: 249797
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 26.4 20.7 31.1

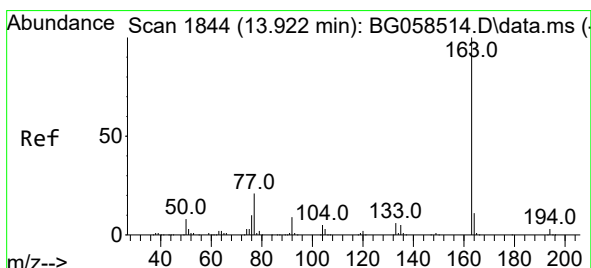
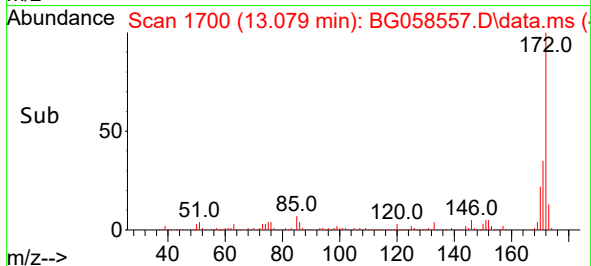
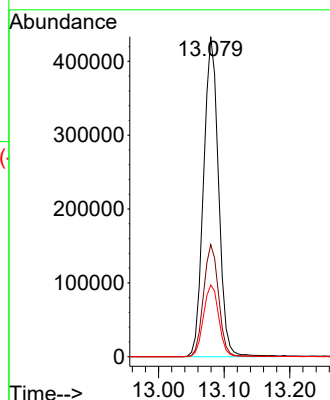
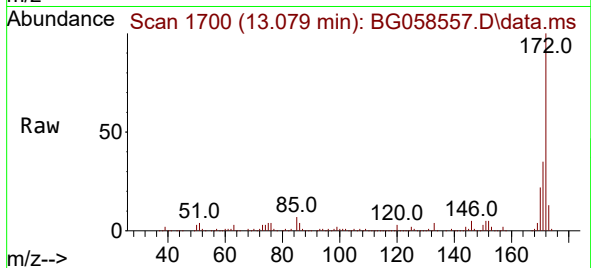




#45
2-Fluorobiphenyl
Concen: 61.155 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

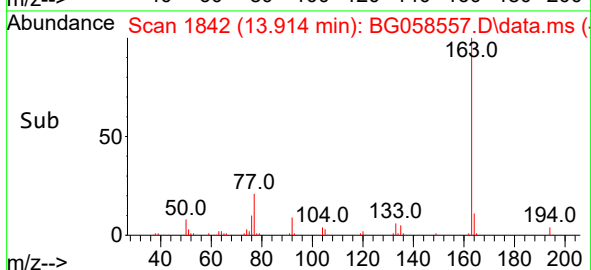
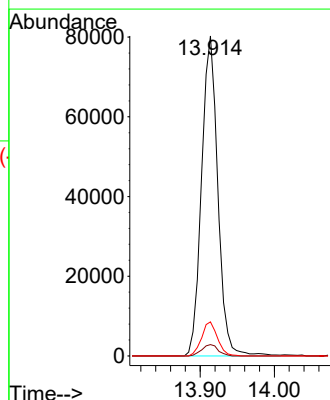
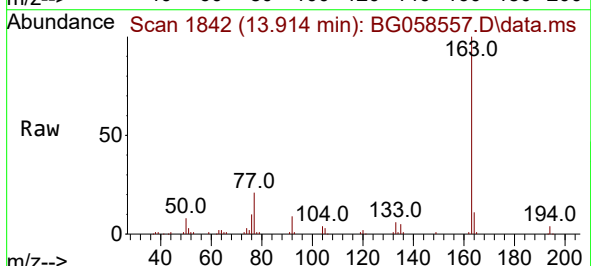
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ClientSampleId :
B-P40A

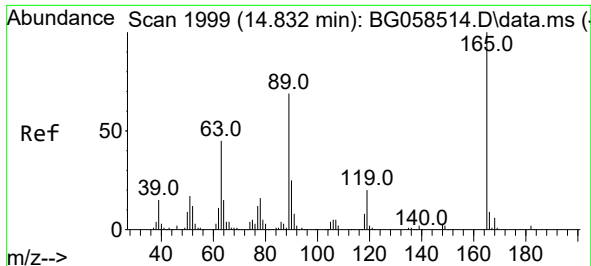
Tgt Ion:172 Resp: 689563
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 22.4 18.4 27.6



#50
Dimethylphthalate
Concen: 9.672 ng
RT: 13.914 min Scan# 1842
Delta R.T. -0.008 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

Tgt Ion:163 Resp: 122741
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.6 8.6 12.8





#57

2,4-Dinitrotoluene

Concen: 5.536 ng

RT: 14.460 min Scan# 1999

Delta R.T. -0.372 min

Lab File: BG058557.D

Acq: 1 Aug 2023 11:14

Instrument :

BNA_G

ClientSampleId :

B-P40A

Tgt Ion:165 Resp: 21371

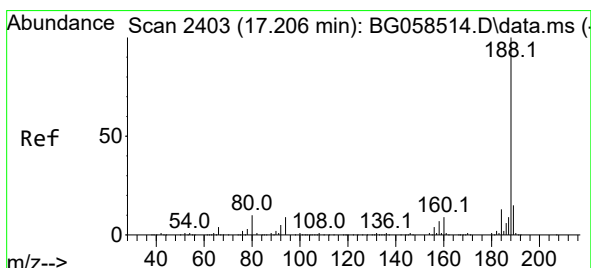
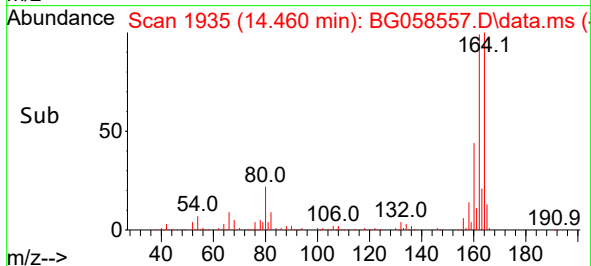
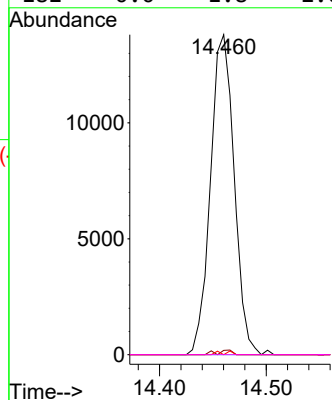
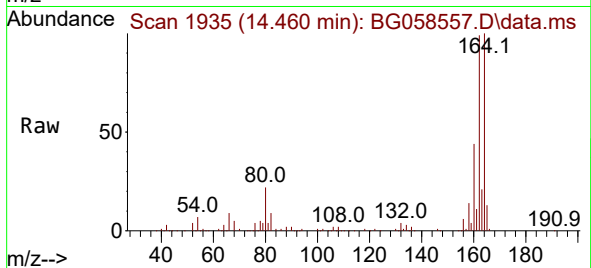
Ion Ratio Lower Upper

165 100

63 1.3 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: BG058557.D

Acq: 1 Aug 2023 11:14

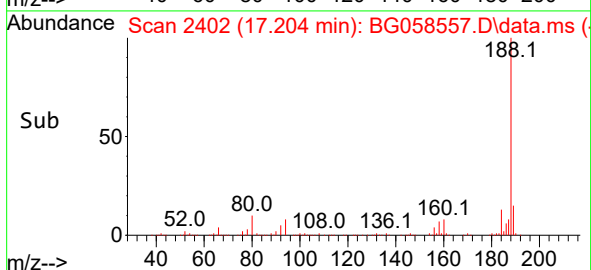
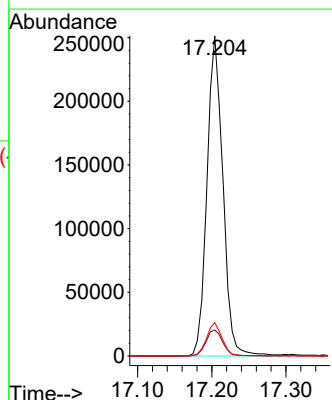
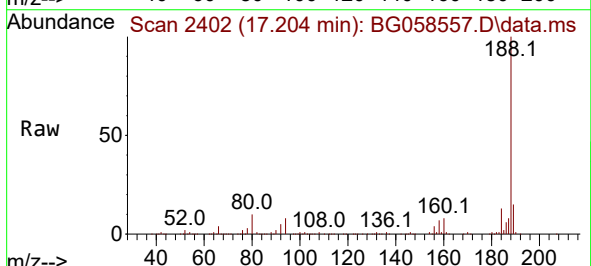
Tgt Ion:188 Resp: 375102

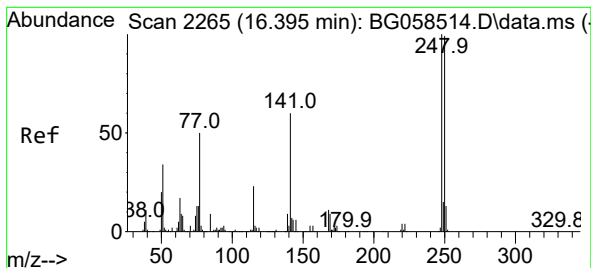
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 10.4 8.1 12.1

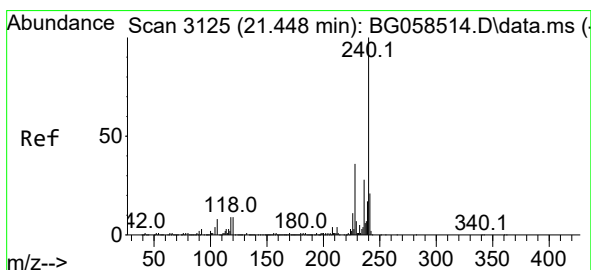
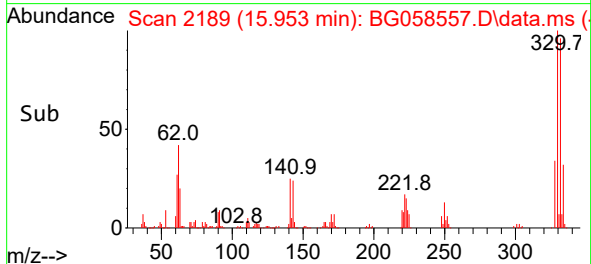
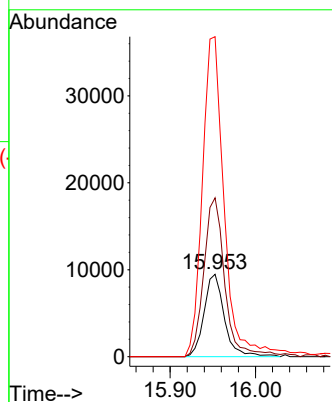
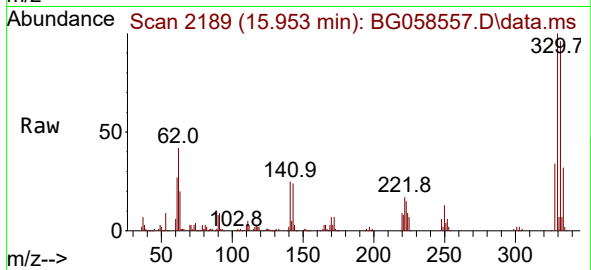




#67
4-Bromophenyl-phenylether
Concen: 3.685 ng
RT: 15.953 min Scan# 2189
Delta R.T. -0.443 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

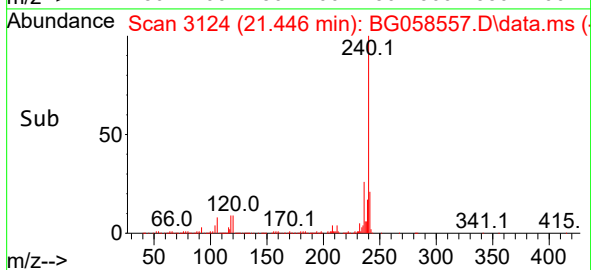
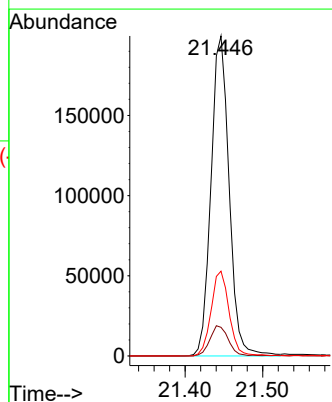
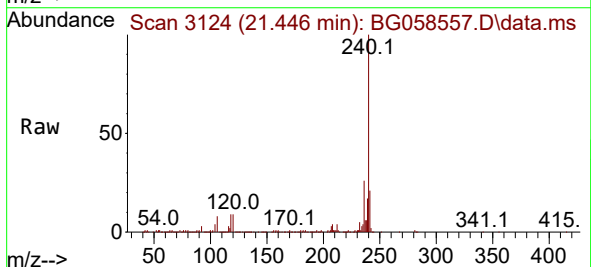
Instrument :
BNA_G
ClientSampleId :
B-P40A

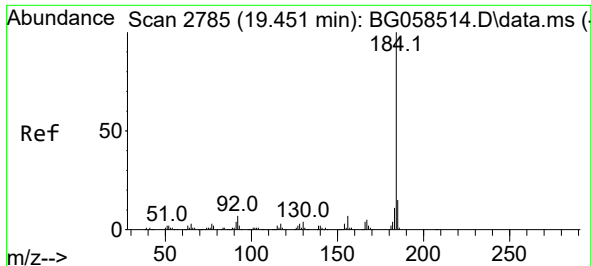
Tgt Ion:248 Resp: 15678
Ion Ratio Lower Upper
248 100
250 192.9 79.5 119.3#
141 388.4 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

Tgt Ion:240 Resp: 324574
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 26.5 22.2 33.4

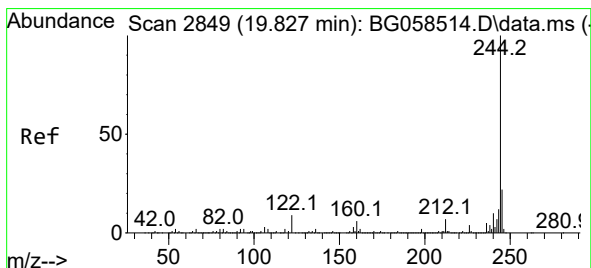
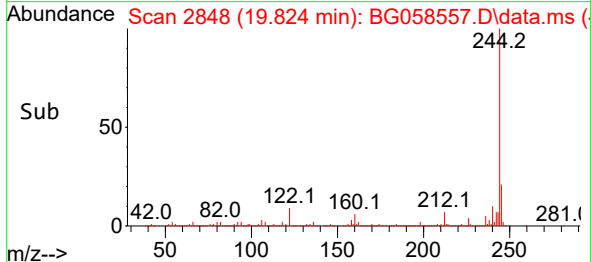
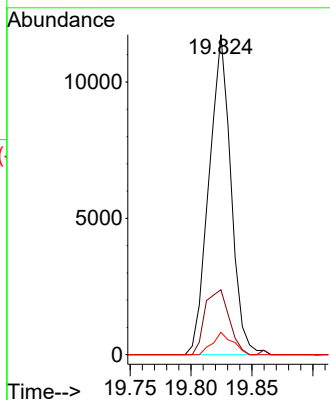
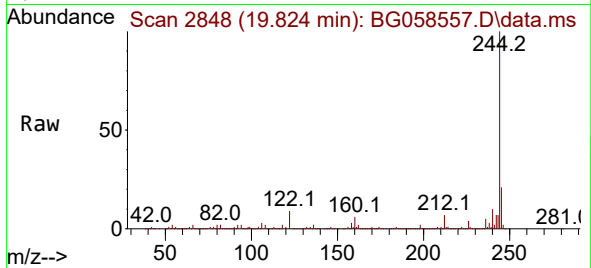




#77
Benzidine
Concen: 2.982 ng
RT: 19.824 min Scan# 21
Delta R.T. 0.374 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

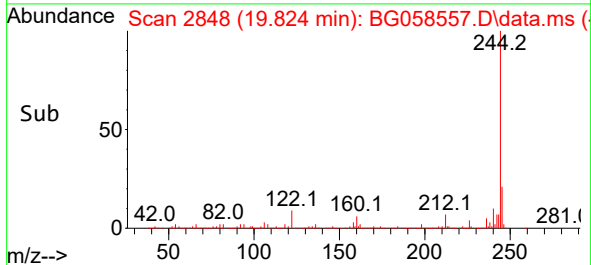
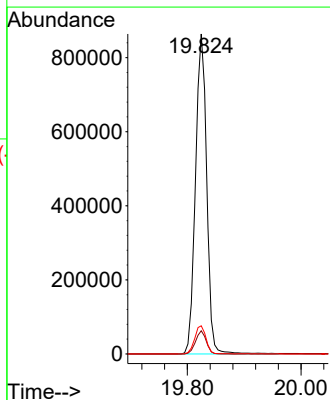
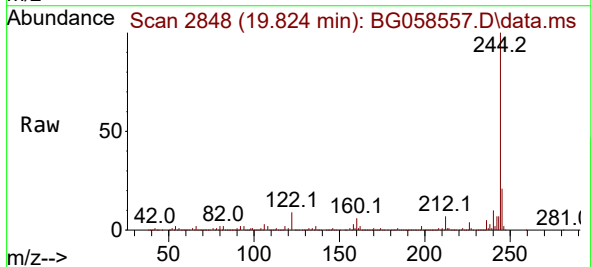
Instrument :
BNA_G
ClientSampleId :
B-P40A

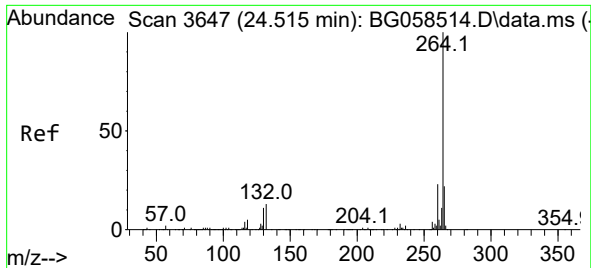
Tgt Ion:184 Resp: 14677
Ion Ratio Lower Upper
184 100
185 20.3 11.9 17.9#
183 7.0 8.7 13.1#



#79
Terphenyl-d14
Concen: 68.986 ng
RT: 19.824 min Scan# 2848
Delta R.T. -0.002 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

Tgt Ion:244 Resp: 1190688
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.8 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.513 min Scan# 30
Delta R.T. -0.002 min
Lab File: BG058557.D
Acq: 1 Aug 2023 11:14

Instrument :
BNA_G
ClientSampleId :
B-P40A

Tgt Ion:264 Resp: 404452

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.8	17.9	26.9

