

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058570.D
 Acq On : 2 Aug 2023 9:14
 Operator : MA/JU
 Sample : PB154374BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154374BL

Quant Time: Aug 02 19:22:39 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)

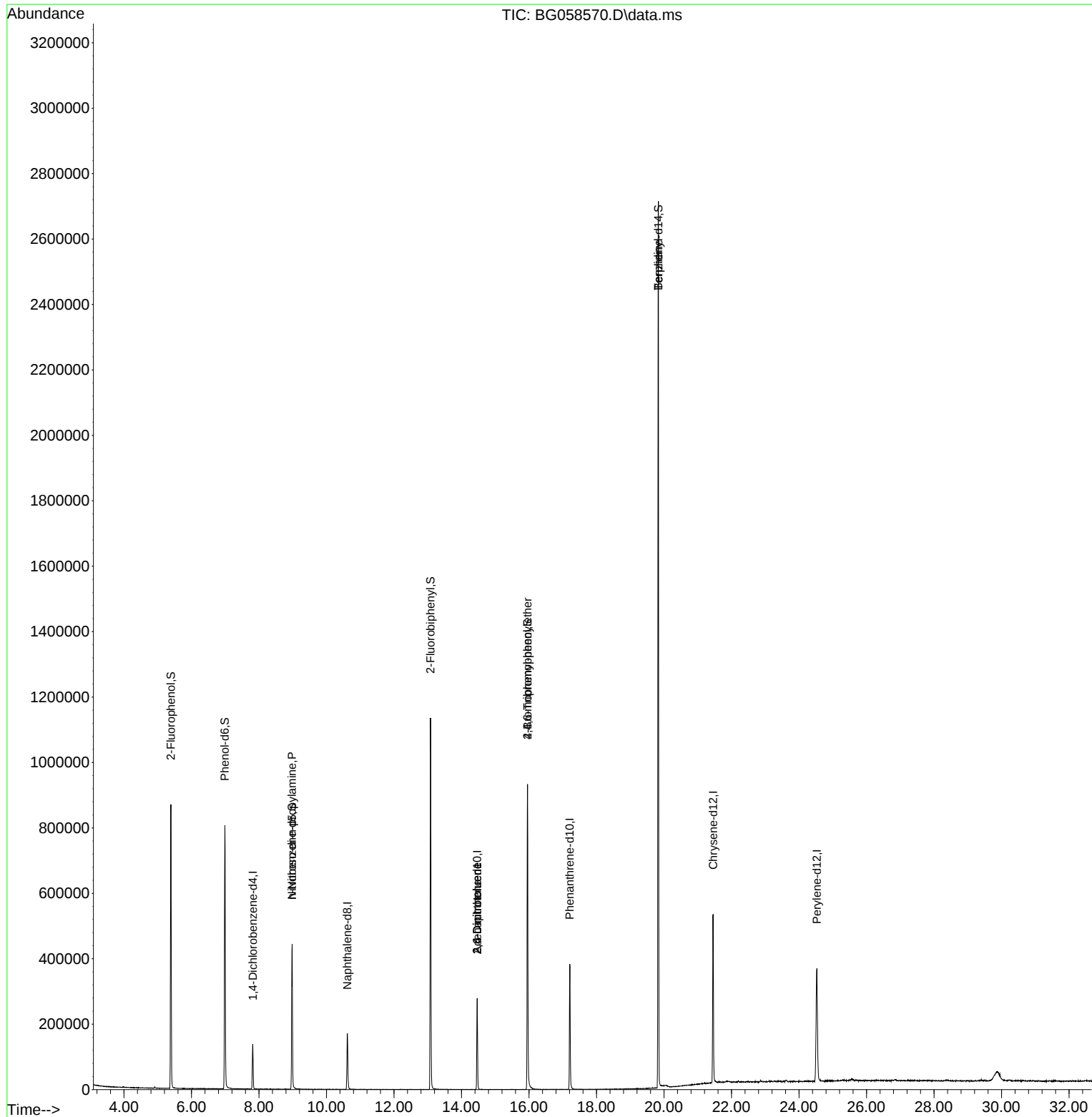
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	39460	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	160448	20.000	ng	# 0.00
39) Acenaphthene-d10	14.462	164	108188	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	279385	20.000	ng	0.00
76) Chrysene-d12	21.454	240	318877	20.000	ng	0.00
86) Perylene-d12	24.527	264	393097	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	369792	143.237	ng	0.00
7) Phenol-d6	6.989	99	484257	134.801	ng	0.00
23) Nitrobenzene-d5	8.981	82	282398	86.463	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	219073	123.541	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	643657	89.158	ng	0.00
79) Terphenyl-d14	19.833	244	1524543	89.908	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.981	70	35600	15.342	ng	# 76
51) 2,6-Dinitrotoluene	14.462	165	14181	7.954	ng	# 22
57) 2,4-Dinitrotoluene	14.462	165	14181	5.737	ng	# 23
67) 4-Bromophenyl-phenylether	15.955	248	13470	4.251	ng	# 1
77) Benzidine	19.833	184	19302	3.992	ng	# 92

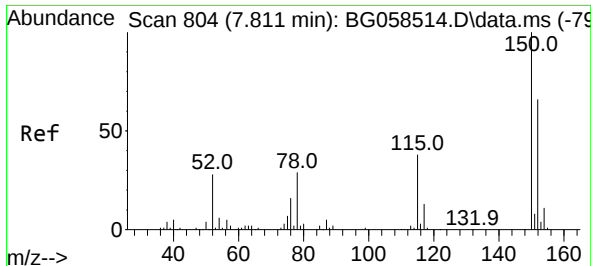
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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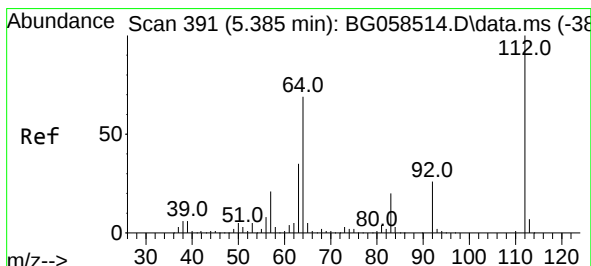
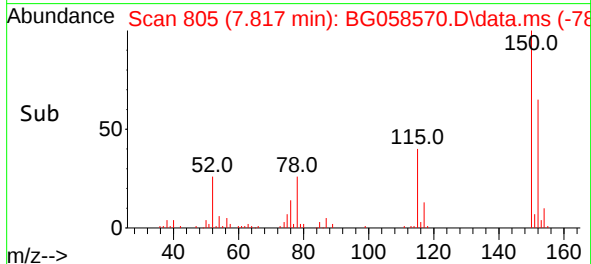
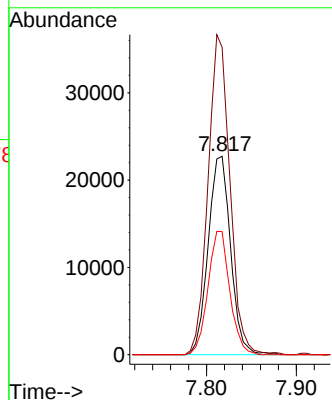
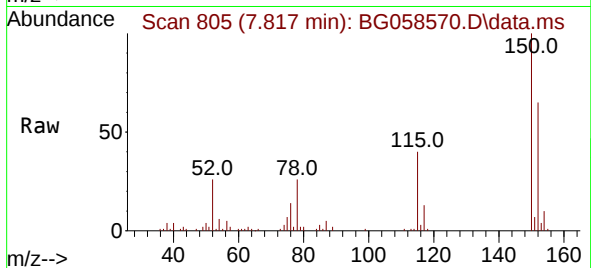




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 804
Delta R.T. 0.006 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

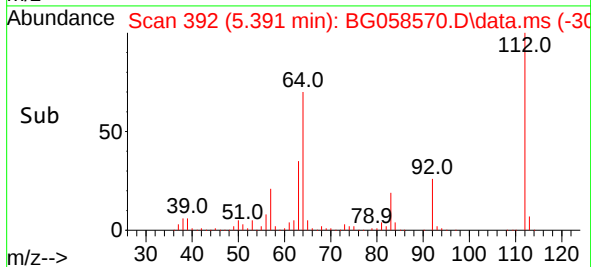
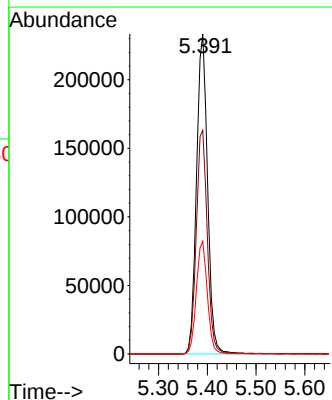
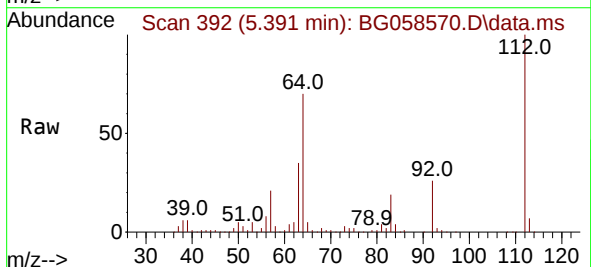
Instrument :
BNA_G
ClientSampleId :
PB154374BL

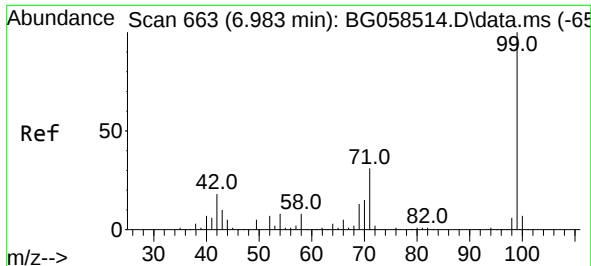
Tgt Ion:152 Resp: 39460
Ion Ratio Lower Upper
152 100
150 154.9 120.5 180.7
115 62.0 45.9 68.9



#5
2-Fluorophenol
Concen: 143.237 ng
RT: 5.391 min Scan# 392
Delta R.T. 0.006 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

Tgt Ion:112 Resp: 369792
Ion Ratio Lower Upper
112 100
64 69.9 55.3 82.9
63 35.1 28.3 42.5

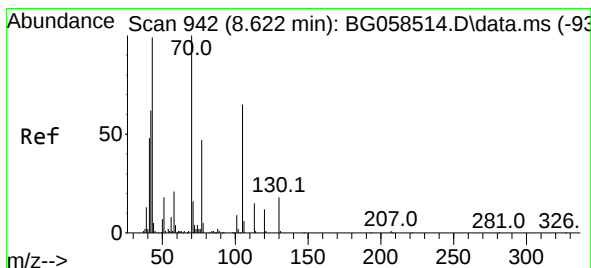
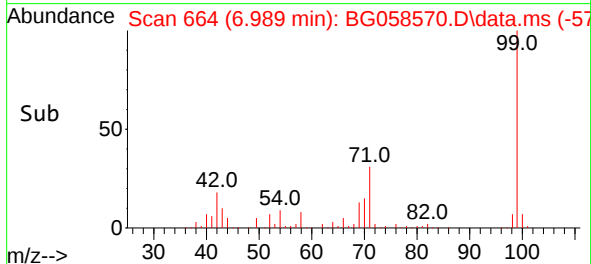
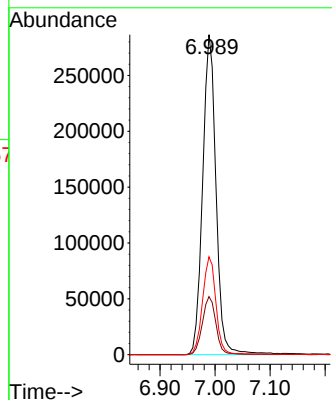
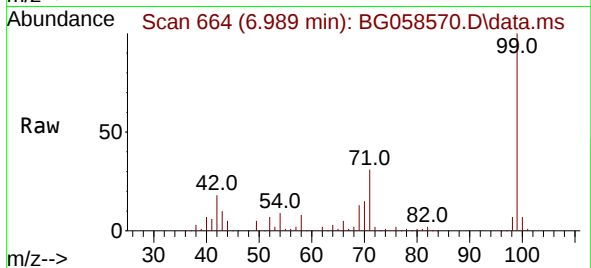




#7
Phenol-d6
Concen: 134.801 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

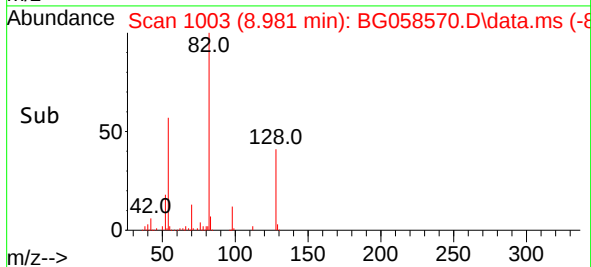
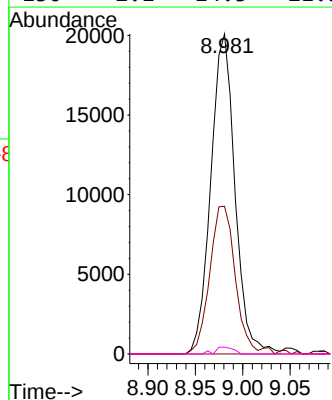
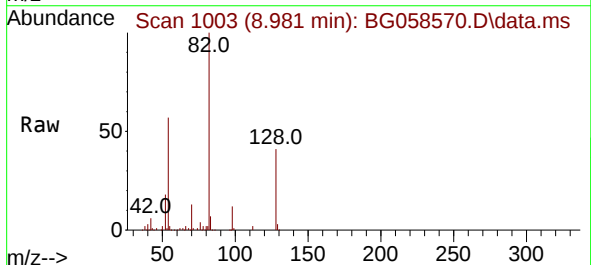
Instrument :
BNA_G
ClientSampleId :
PB154374BL

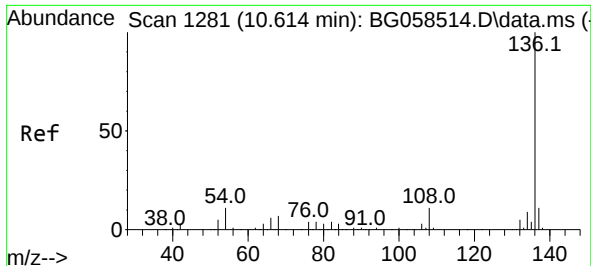
Tgt Ion: 99 Resp: 484257
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 30.6 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.342 ng
RT: 8.981 min Scan# 1003
Delta R.T. 0.359 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

Tgt Ion: 70 Resp: 35600
Ion Ratio Lower Upper
70 100
42 46.2 49.7 74.5#
101 0.0 7.0 10.4#
130 2.1 14.3 21.5#

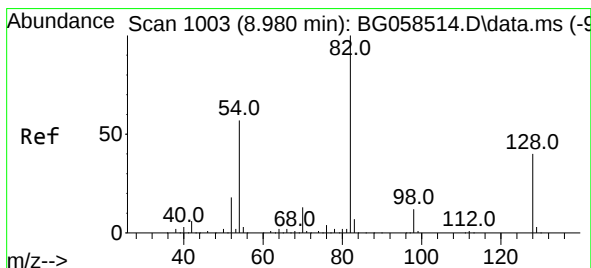
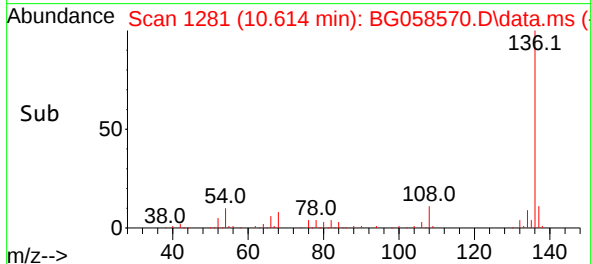
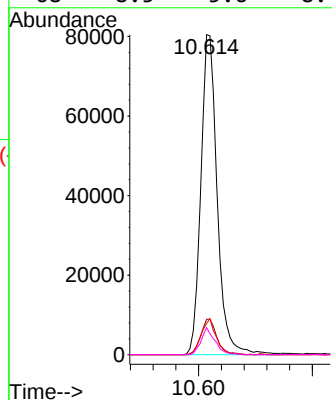
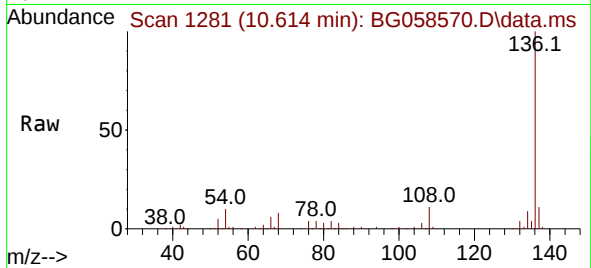




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

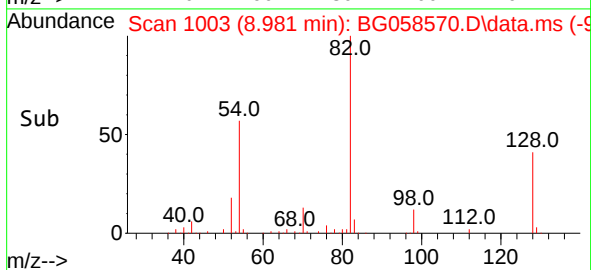
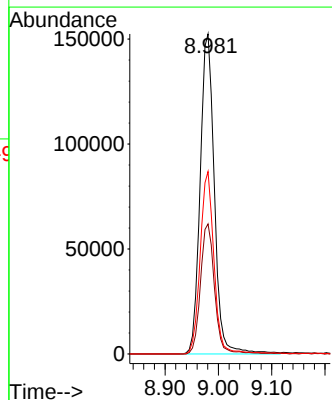
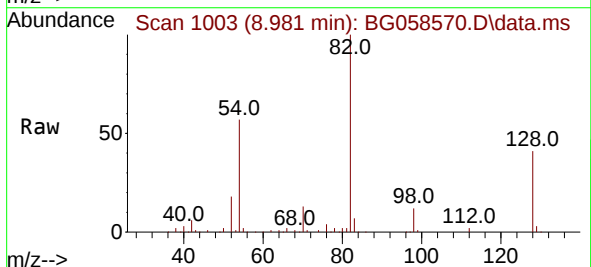
Instrument :
BNA_G
ClientSampleId :
PB154374BL

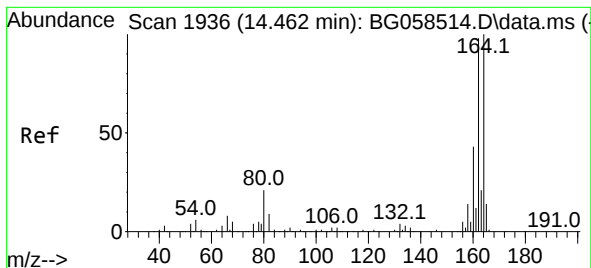
Tgt Ion:136 Resp: 160448
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.7 8.9 13.3
68 8.5 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 86.463 ng
RT: 8.981 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

Tgt Ion: 82 Resp: 282398
Ion Ratio Lower Upper
82 100
128 40.6 32.2 48.2
54 57.0 46.0 69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.462 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058570.D

Acq: 2 Aug 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB154374BL

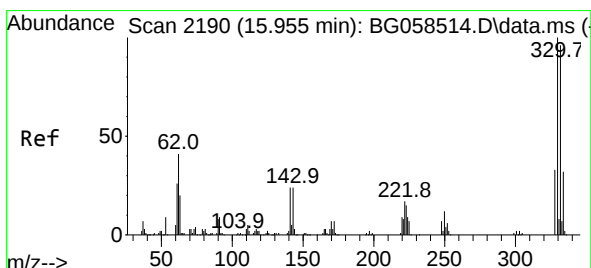
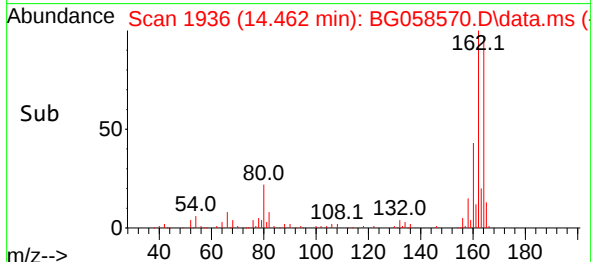
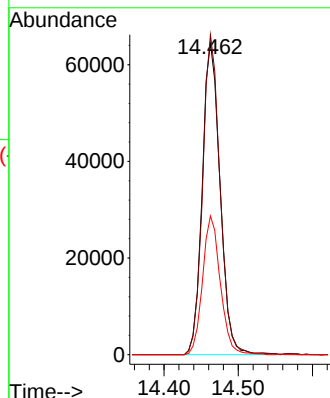
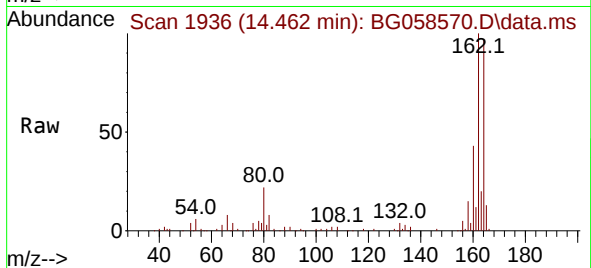
Tgt Ion:164 Resp: 108188

Ion Ratio Lower Upper

164 100

162 102.7 78.3 117.5

160 44.5 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 123.541 ng

RT: 15.955 min Scan# 2190

Delta R.T. 0.000 min

Lab File: BG058570.D

Acq: 2 Aug 2023 9:14

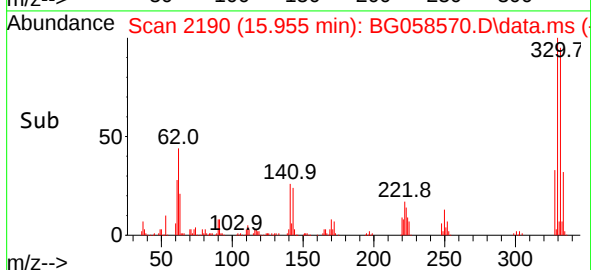
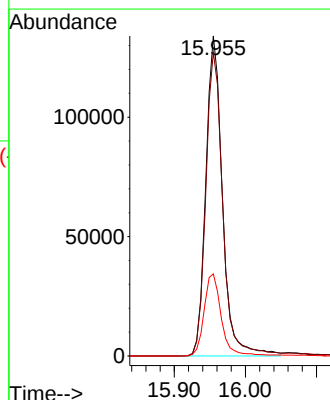
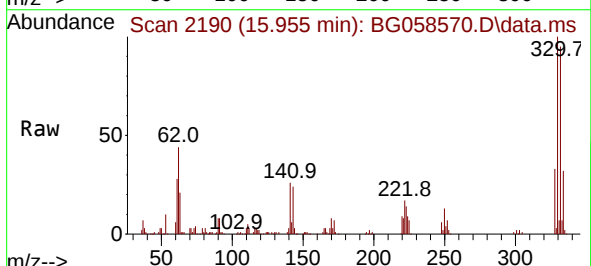
Tgt Ion:330 Resp: 219073

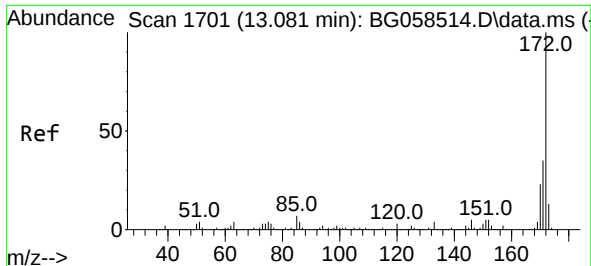
Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 26.9 20.7 31.1

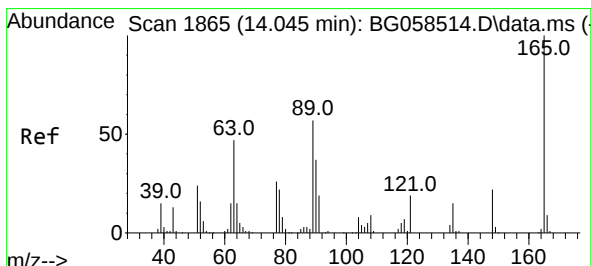
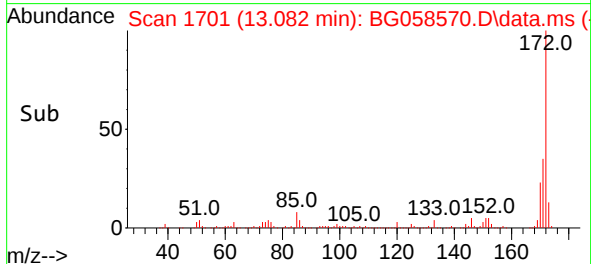
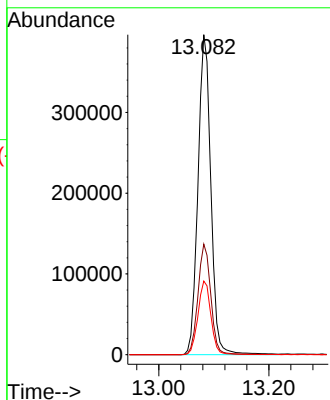
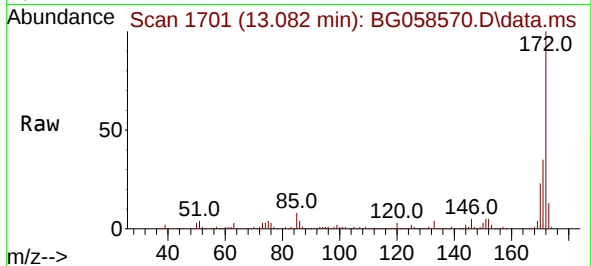




#45
2-Fluorobiphenyl
Concen: 89.158 ng
RT: 13.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

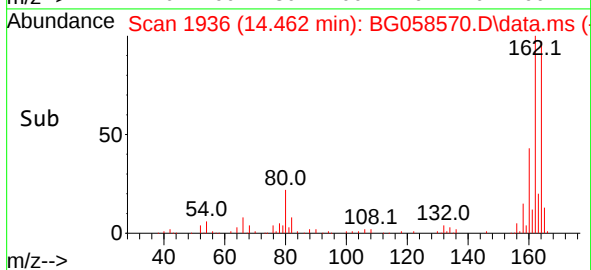
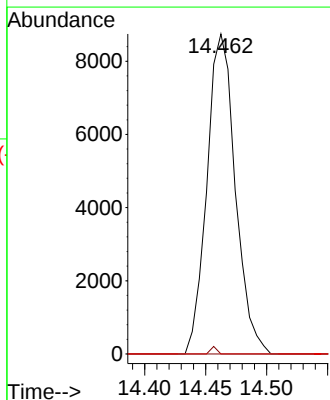
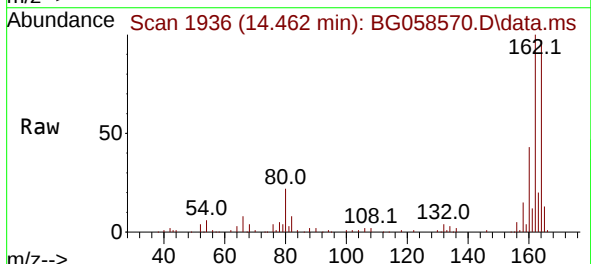
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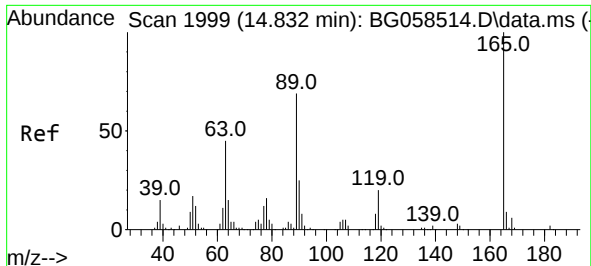
Tgt Ion:172 Resp: 643657
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.0 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.954 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

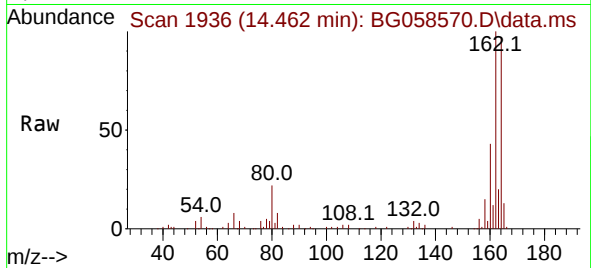
Tgt Ion:165 Resp: 14181
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#



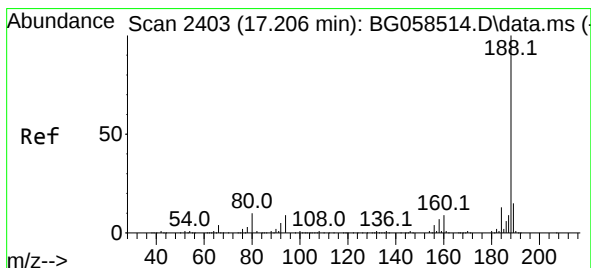
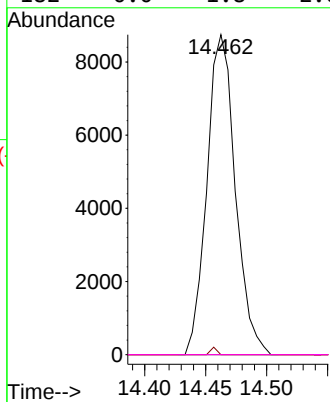
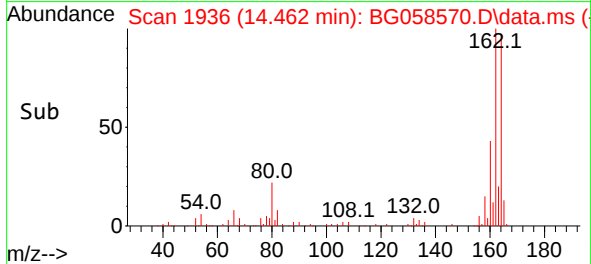


#57
2,4-Dinitrotoluene
Concen: 5.737 ng
RT: 14.462 min Scan# 1999
Delta R.T. -0.370 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

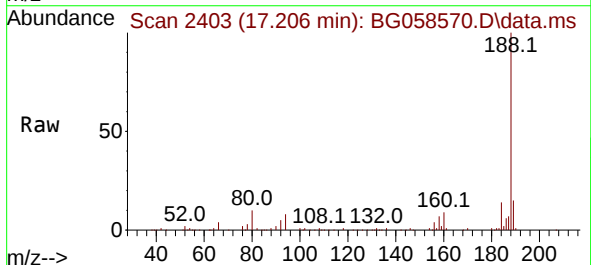
Instrument :
BNA_G
ClientSampleId :
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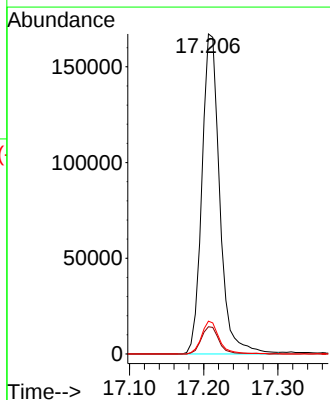
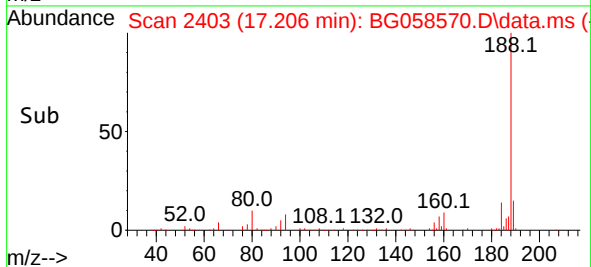
Tgt Ion:165 Resp: 14181
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#

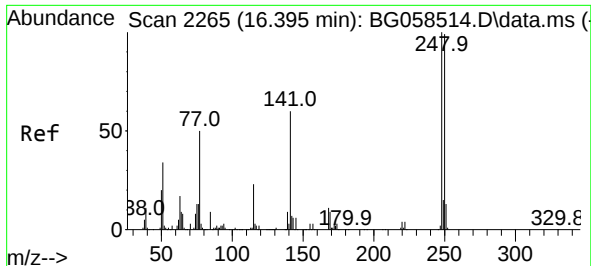


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14



Tgt Ion:188 Resp: 279385
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 10.2 8.1 12.1

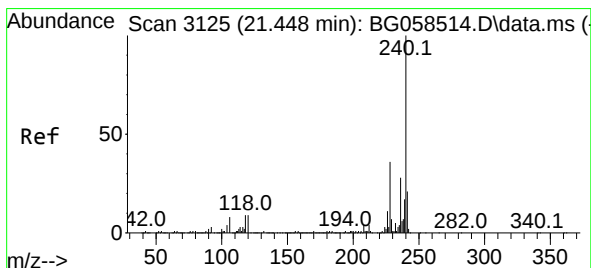
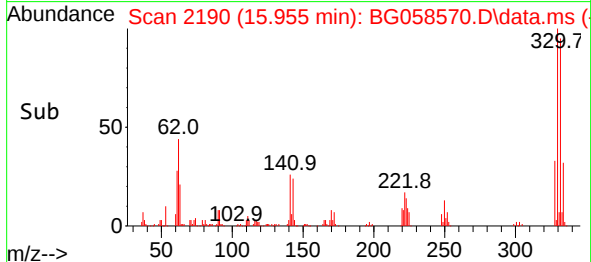
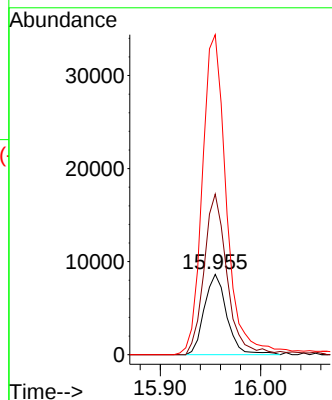
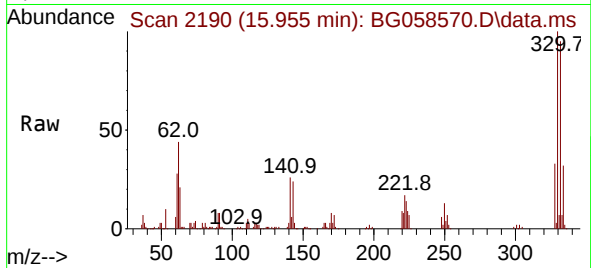




#67
4-Bromophenyl-phenylether
Concen: 4.251 ng
RT: 15.955 min Scan# 21190
Delta R.T. -0.440 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

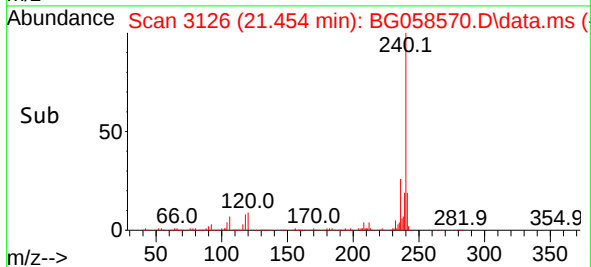
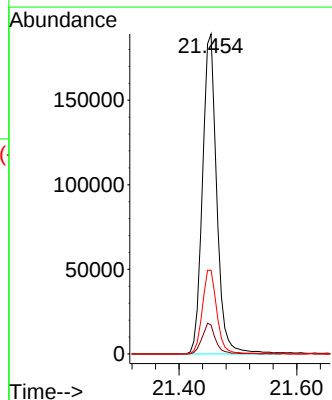
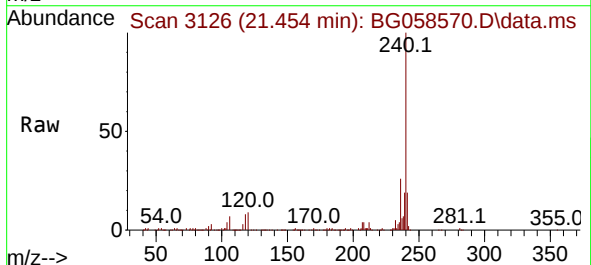
Instrument :
BNA_G
ClientSampleId :
PB154374BL

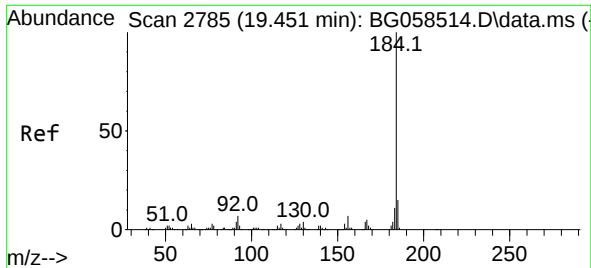
Tgt Ion:248 Resp: 13470
Ion Ratio Lower Upper
248 100
250 200.0 79.5 119.3#
141 398.2 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

Tgt Ion:240 Resp: 318877
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 26.2 22.2 33.4

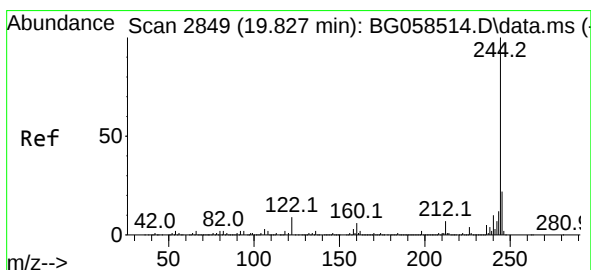
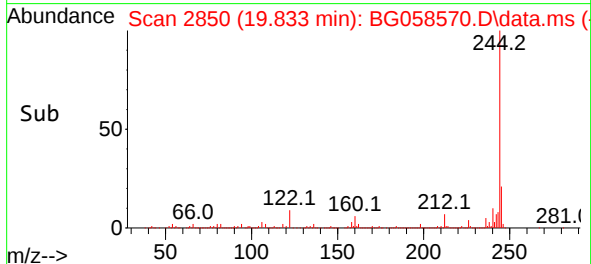
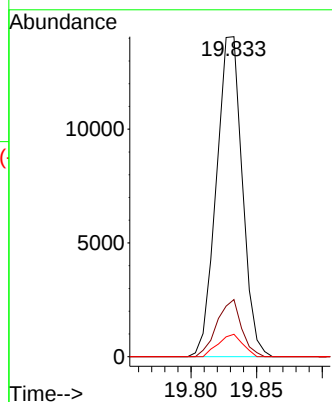
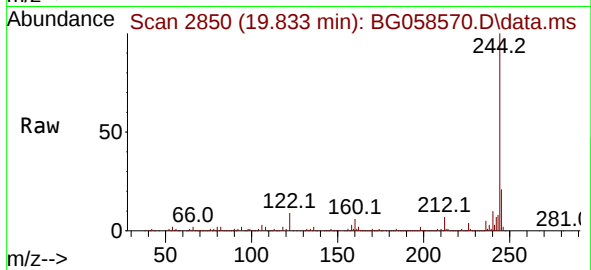




#77
Benzidine
Concen: 3.992 ng
RT: 19.833 min Scan# 2850
Delta R.T. 0.382 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

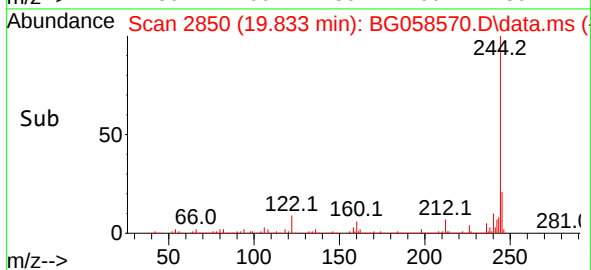
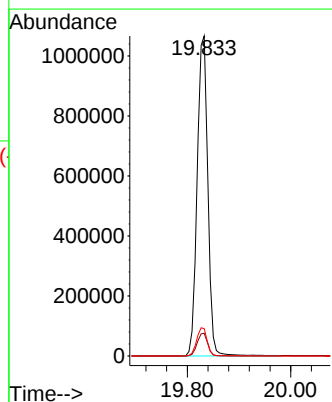
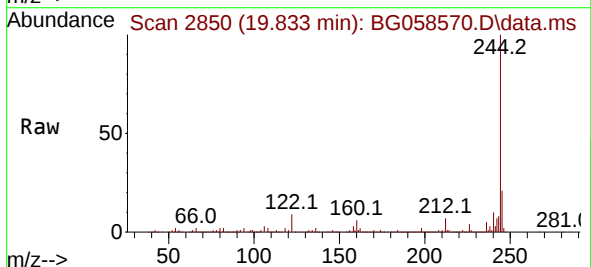
Instrument :
BNA_G
ClientSampleId :
PB154374BL

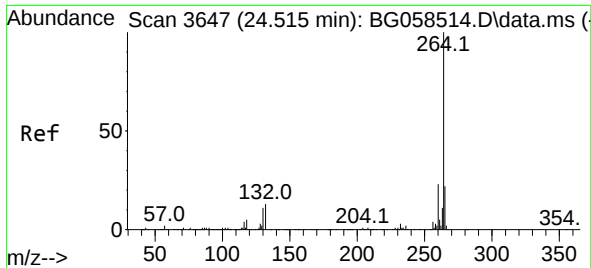
Tgt Ion:184 Resp: 19302
Ion Ratio Lower Upper
184 100
185 17.8 11.9 17.9
183 7.0 8.7 13.1#



#79
Terphenyl-d14
Concen: 89.908 ng
RT: 19.833 min Scan# 2850
Delta R.T. 0.006 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

Tgt Ion:244 Resp: 1524543
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.6 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.527 min Scan# 30
Delta R.T. 0.012 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

Instrument :
BNA_G
ClientSampleId :
PB154374BL

Tgt Ion:264 Resp: 393097
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.3 17.9 26.9

