

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058760.D
 Acq On : 17 Aug 2023 13:16
 Operator : MA/JU
 Sample : PB154392TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154392TB

Quant Time: Aug 18 01:52:01 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)

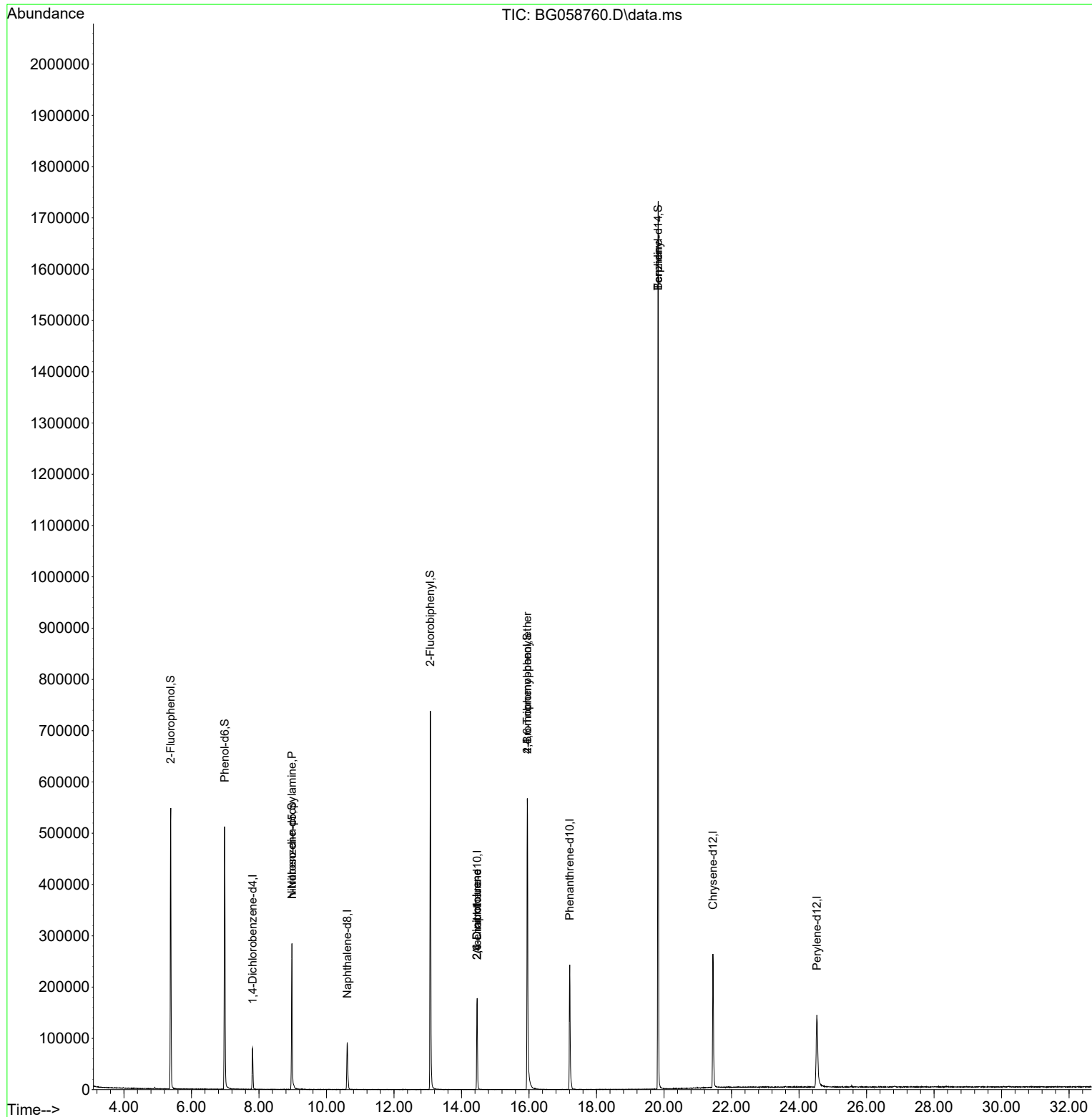
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	22658	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	95534	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	72121	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	191602	20.000	ng	0.00
76) Chrysene-d12	21.448	240	184542	20.000	ng	0.00
86) Perylene-d12	24.527	264	219290	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	218582	147.451	ng	0.00
7) Phenol-d6	6.983	99	291524	141.328	ng	0.00
23) Nitrobenzene-d5	8.975	82	175855	90.428	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	151526	128.182	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	437969	91.005	ng	0.00
79) Terphenyl-d14	19.827	244	924384	94.197	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	22839	17.141	ng	# 85
51) 2,6-Dinitrotoluene	14.456	165	9181	7.725	ng	# 22
57) 2,4-Dinitrotoluene	14.456	165	9181	5.572	ng	# 23
67) 4-Bromophenyl-phenylether	15.949	248	9307	4.283	ng	# 1
77) Benzydine	19.827	184	12751	4.557	ng	# 90

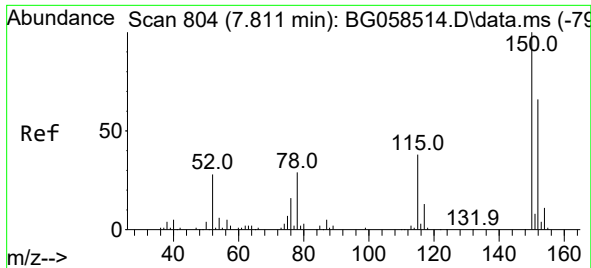
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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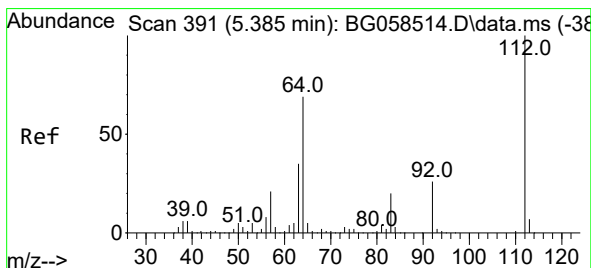
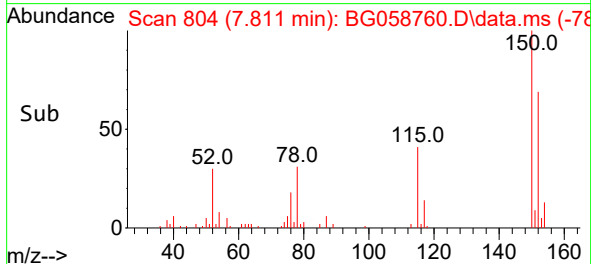
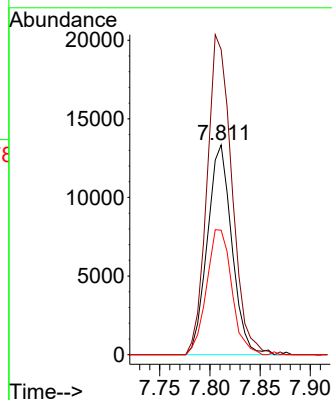
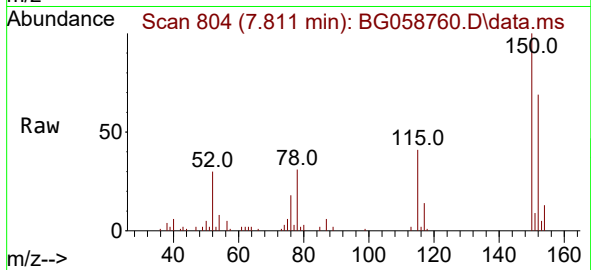




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

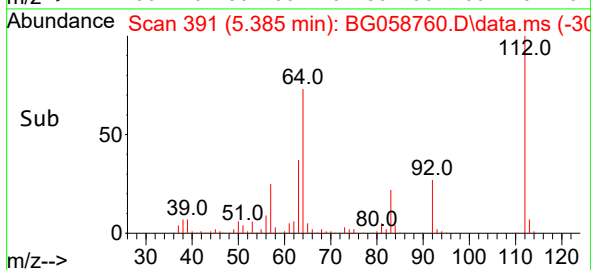
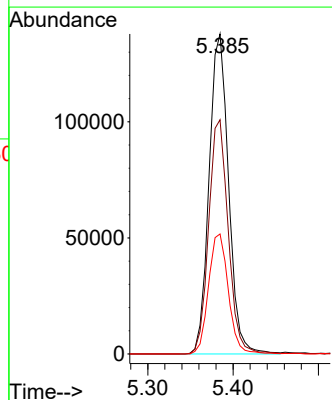
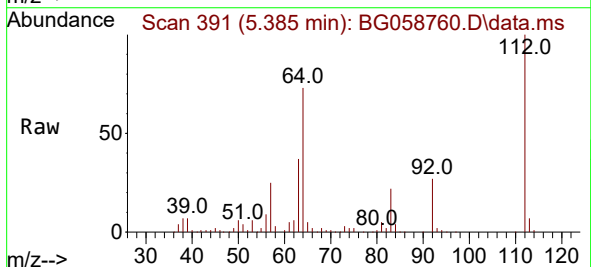
Instrument :
BNA_G
ClientSampleId :
PB154392TB

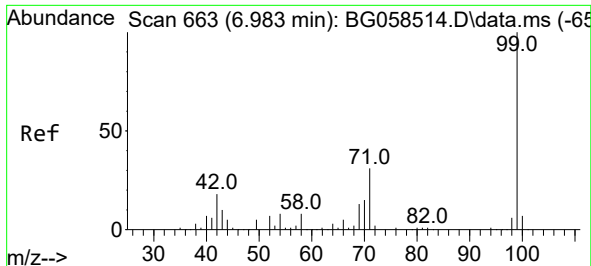
Tgt Ion:152 Resp: 22658
Ion Ratio Lower Upper
152 100
150 145.5 120.5 180.7
115 59.3 45.9 68.9



#5
2-Fluorophenol
Concen: 147.451 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion:112 Resp: 218582
Ion Ratio Lower Upper
112 100
64 73.2 55.3 82.9
63 37.5 28.3 42.5

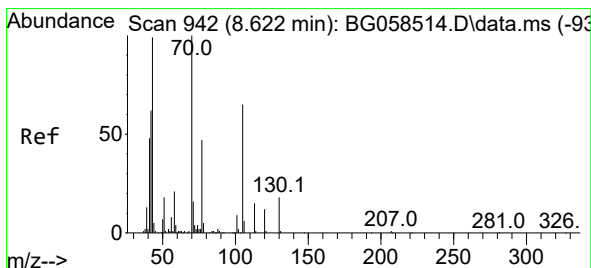
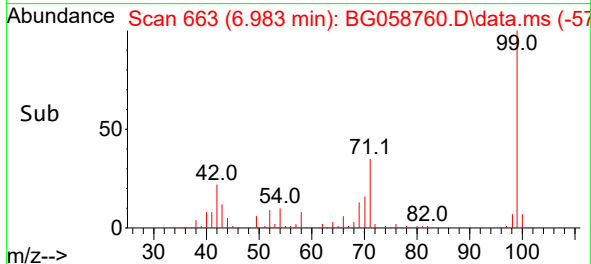
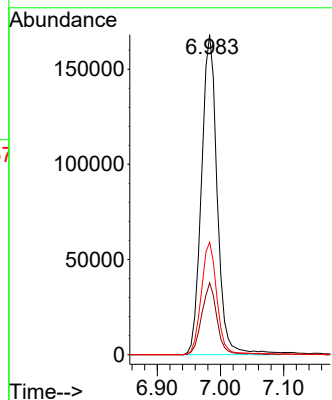
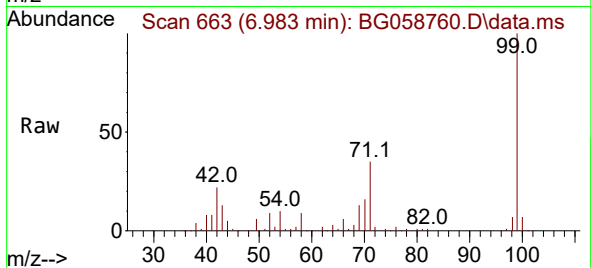




#7
Phenol-d6
Concen: 141.328 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

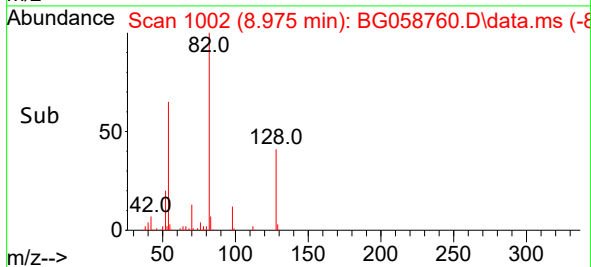
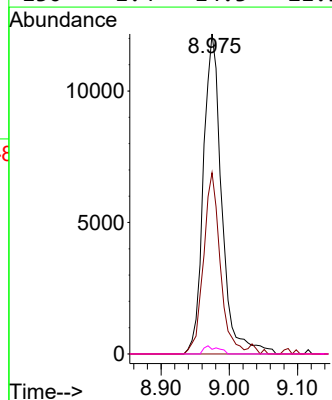
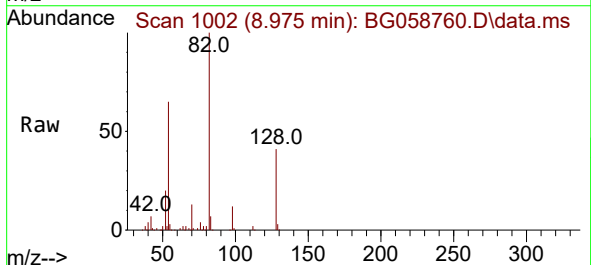
Instrument :
BNA_G
ClientSampleId :
PB154392TB

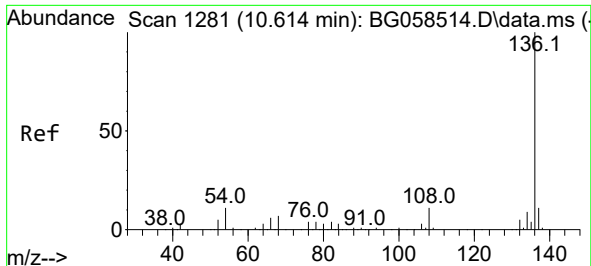
Tgt Ion: 99 Resp: 291524
Ion Ratio Lower Upper
99 100
42 22.4 14.6 21.8#
71 35.1 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.141 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion: 70 Resp: 22839
Ion Ratio Lower Upper
70 100
42 56.7 49.7 74.5
101 0.0 7.0 10.4#
130 1.4 14.3 21.5#

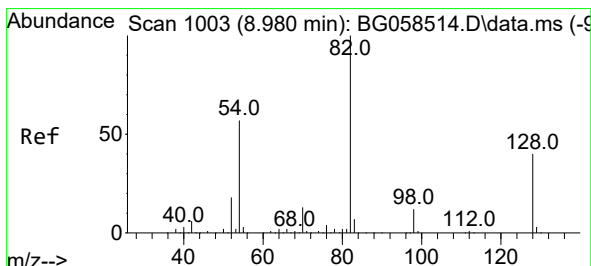
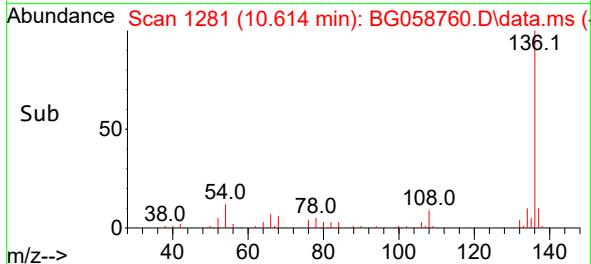
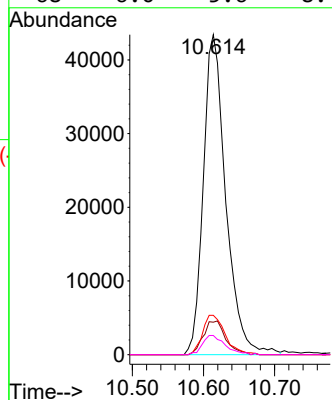
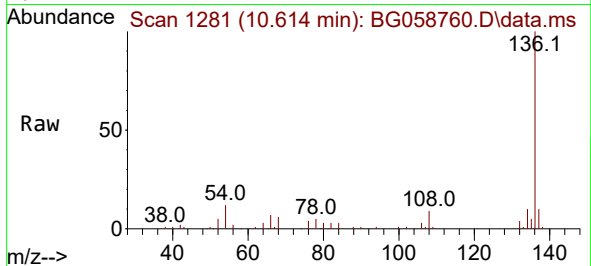




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

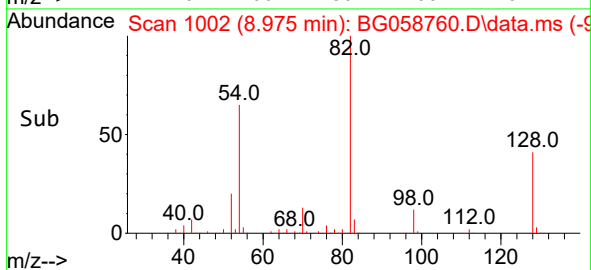
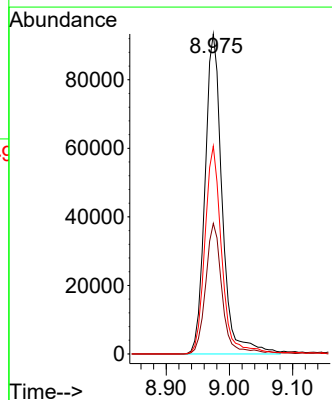
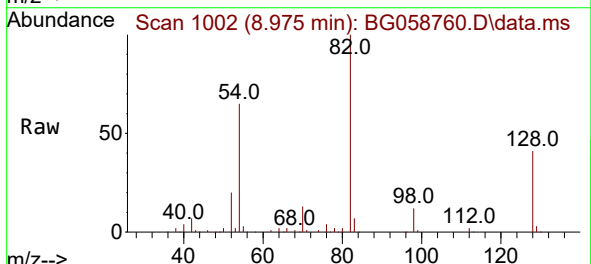
Instrument :
BNA_G
ClientSampleId :
PB154392TB

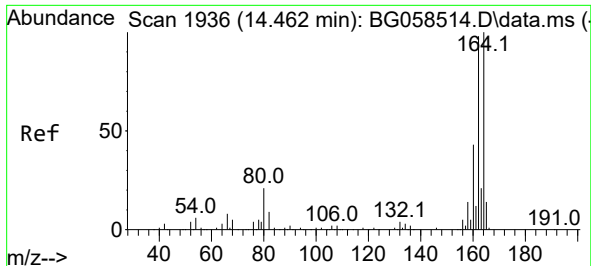
Tgt Ion:	136	Resp:	95534
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.6	13.0
54	12.3	8.9	13.3
68	6.0	5.6	8.4



#23
Nitrobenzene-d5
Concen: 90.428 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion:	82	Resp:	175855
Ion Ratio	Lower	Upper	
82	100		
128	40.8	32.2	48.2
54	64.9	46.0	69.0

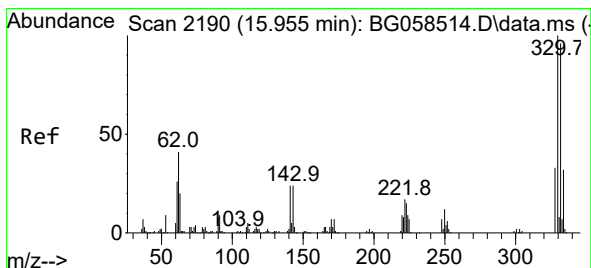
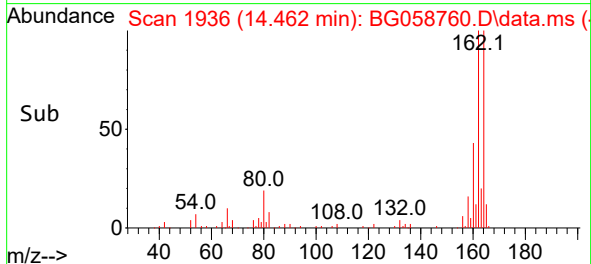
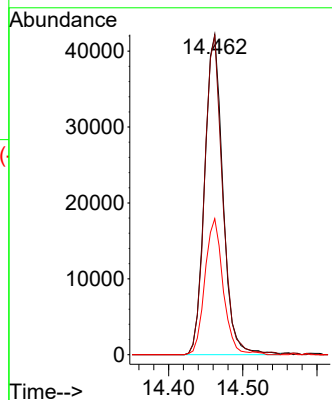
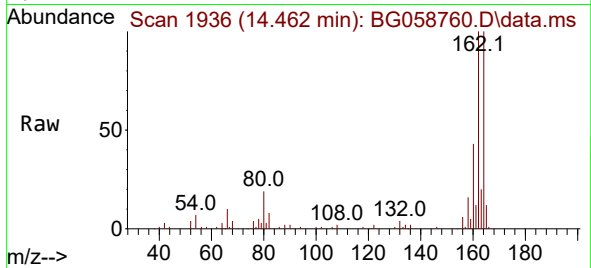




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

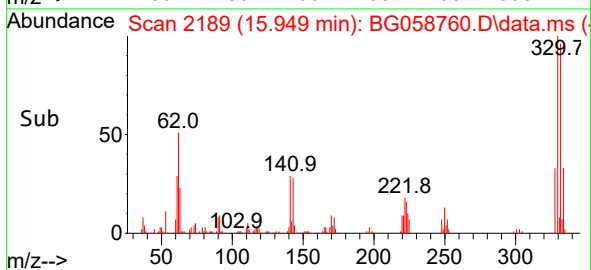
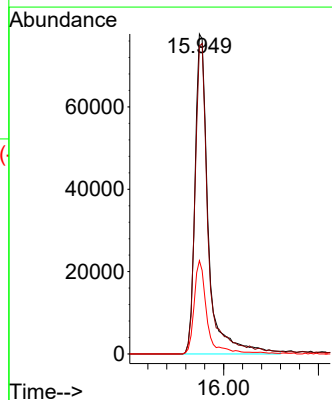
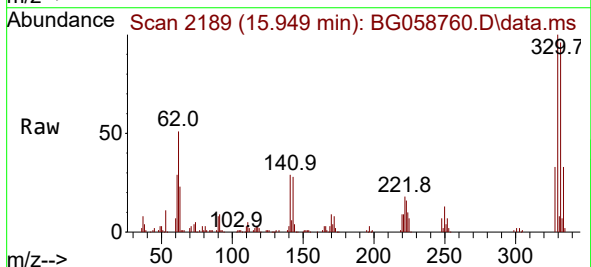
Instrument :
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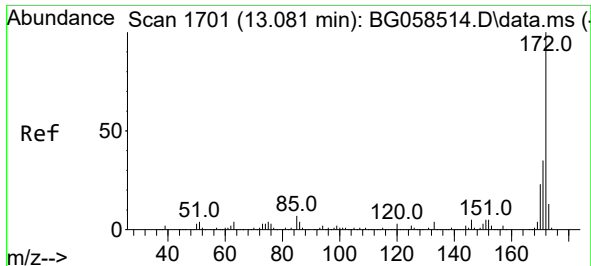
Tgt Ion:164 Resp: 72121
Ion Ratio Lower Upper
164 100
162 99.7 78.3 117.5
160 42.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 128.182 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion:330 Resp: 151526
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 27.9 20.7 31.1

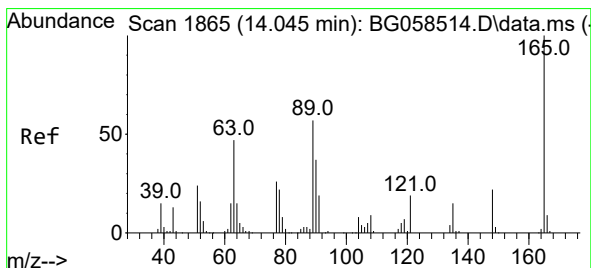
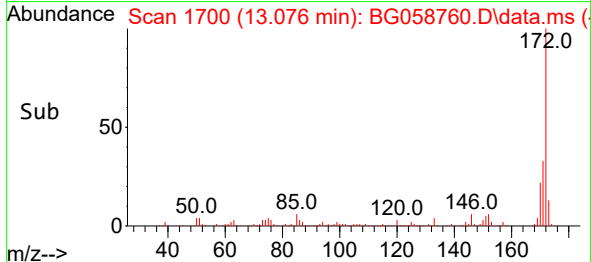
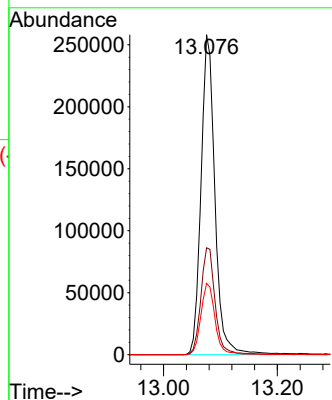
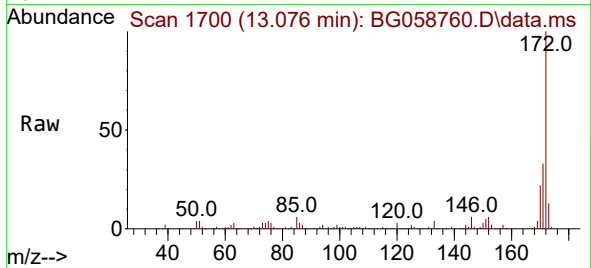




#45
2-Fluorobiphenyl
Concen: 91.005 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

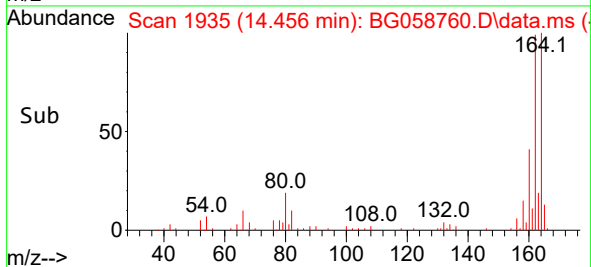
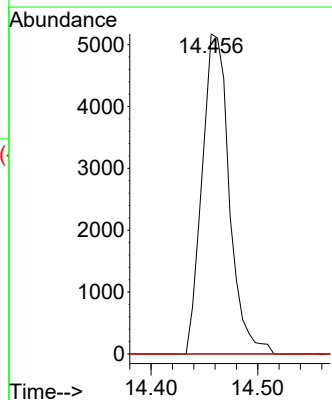
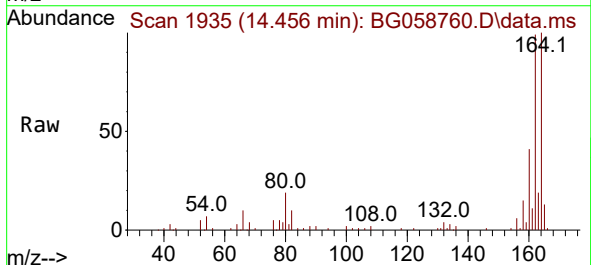
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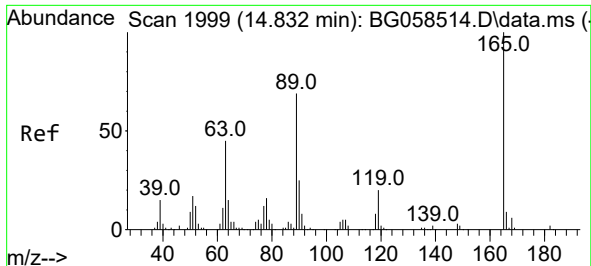
Tgt Ion:172 Resp: 437969
Ion Ratio Lower Upper
172 100
171 33.4 28.0 42.0
170 22.3 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.725 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion:165 Resp: 9181
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#

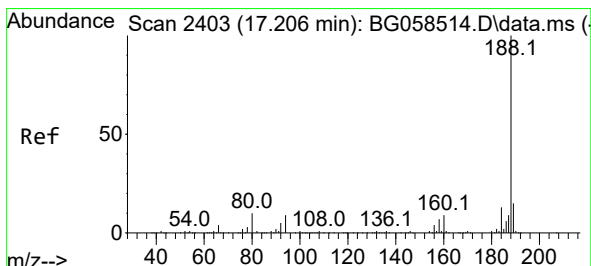
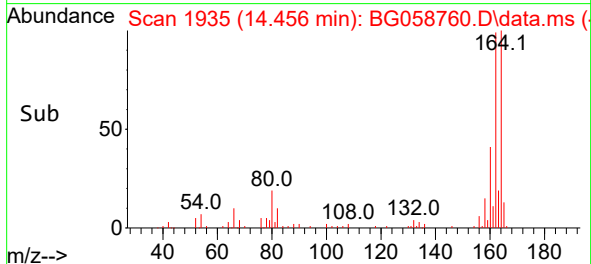
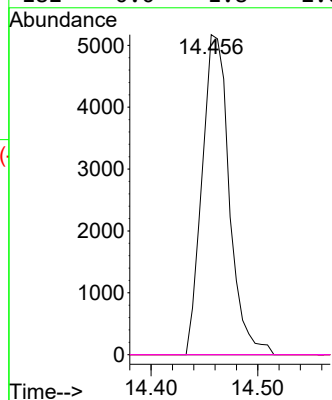
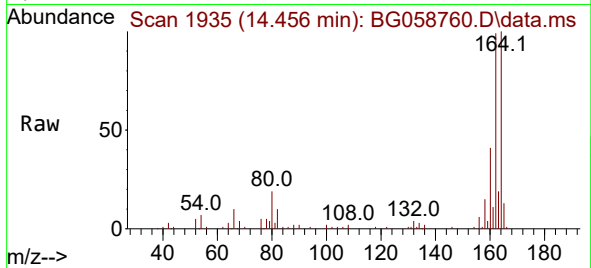




#57
2,4-Dinitrotoluene
Concen: 5.572 ng
RT: 14.456 min Scan# 1999
Delta R.T. -0.376 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

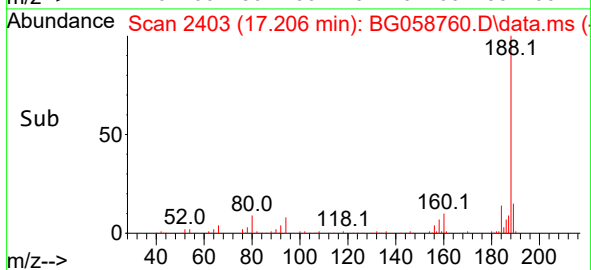
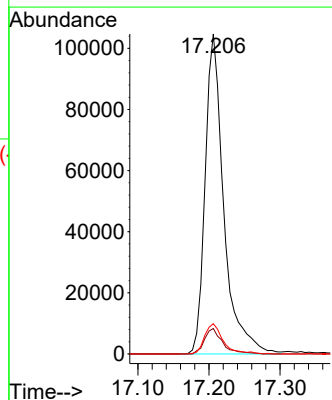
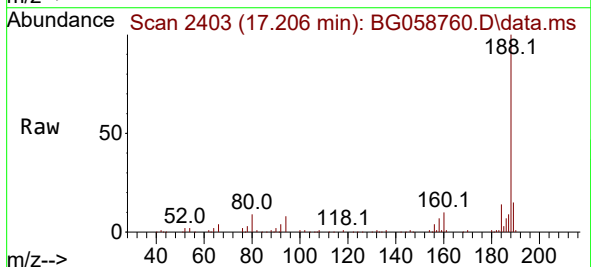
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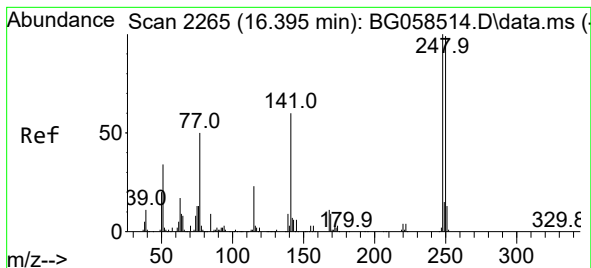
Tgt Ion:165 Resp: 9181
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion:188 Resp: 191602
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 9.4 8.1 12.1

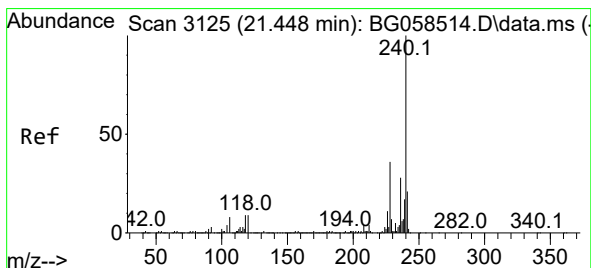
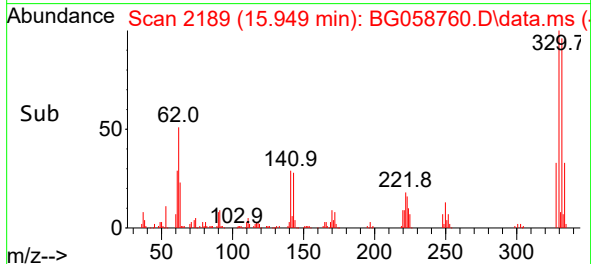
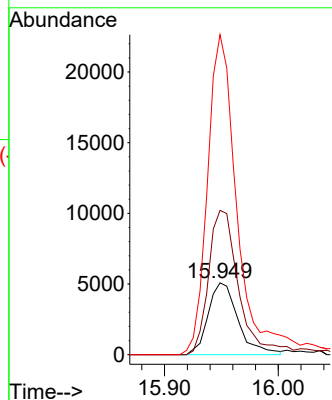
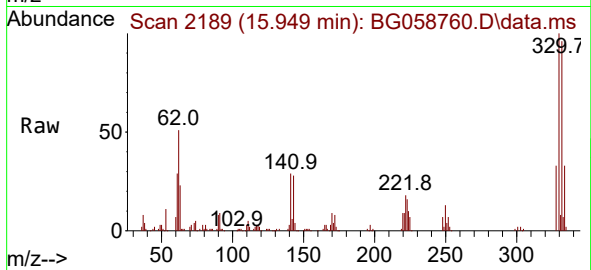




#67
4-Bromophenyl-phenylether
Concen: 4.283 ng
RT: 15.949 min Scan# 2119
Delta R.T. -0.447 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

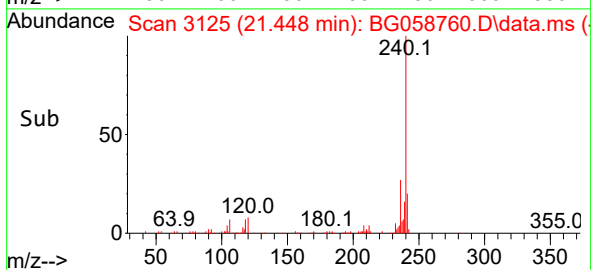
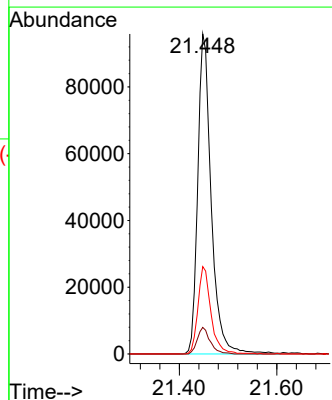
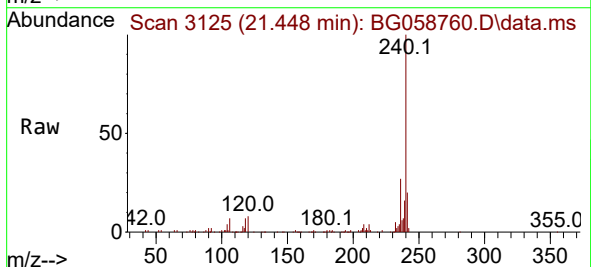
Instrument :
BNA_G
ClientSampleId :
PB154392TB

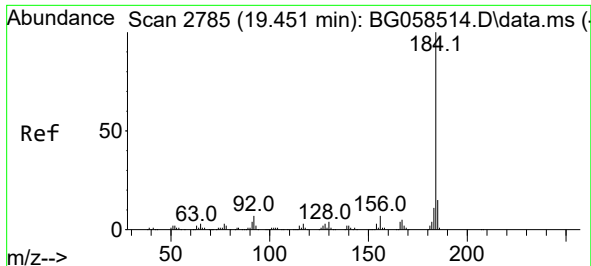
Tgt Ion:248 Resp: 9307
Ion Ratio Lower Upper
248 100
250 200.9 79.5 119.3#
141 445.4 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion:240 Resp: 184542
Ion Ratio Lower Upper
240 100
120 8.3 7.4 11.0
236 27.3 22.2 33.4

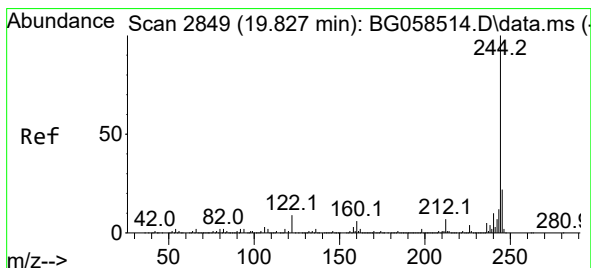
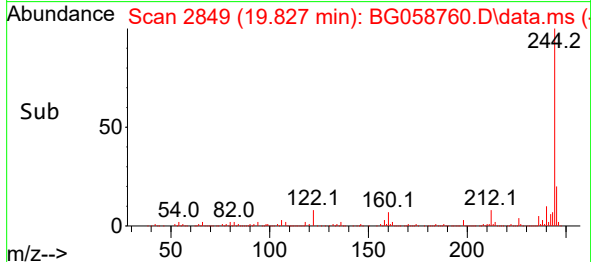
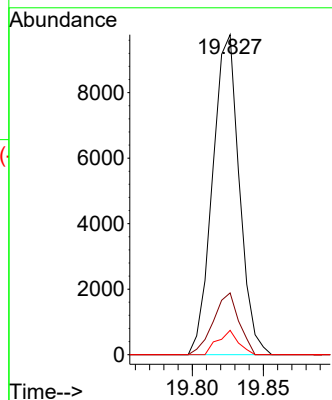
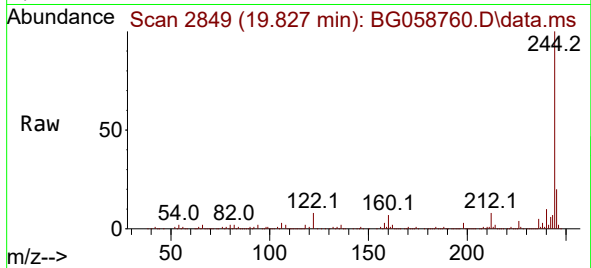




#77
Benzidine
Concen: 4.557 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.376 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

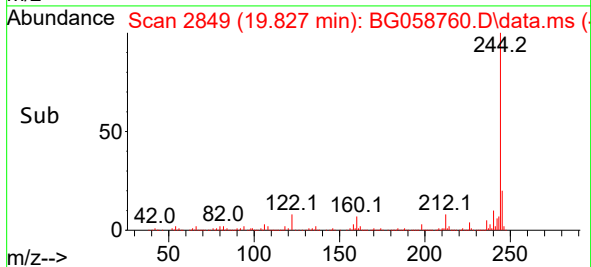
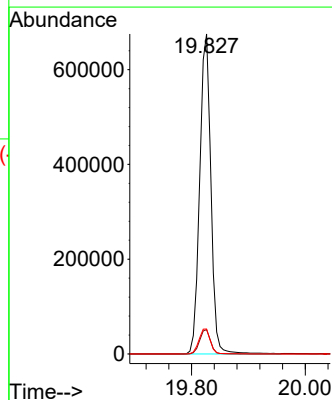
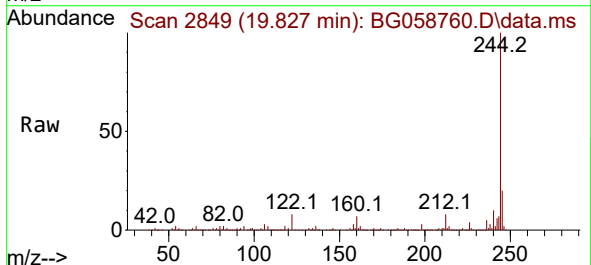
Instrument :
BNA_G
ClientSampleId :
PB154392TB

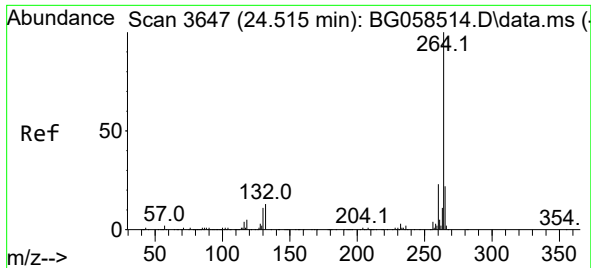
Tgt Ion:184 Resp: 12751
Ion Ratio Lower Upper
184 100
185 19.3 11.9 17.9#
183 7.6 8.7 13.1#



#79
Terphenyl-d14
Concen: 94.197 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion:244 Resp: 924384
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 7.8 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: BG058760.D
 Acq: 17 Aug 2023 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB154392TB

Tgt Ion:264 Resp: 219290
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.4 27.6
 265 20.9 17.9 26.9

