

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057799.D
 Acq On : 22 Jun 2023 00:58
 Operator : CG/JU
 Sample : 03302-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 04:56:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

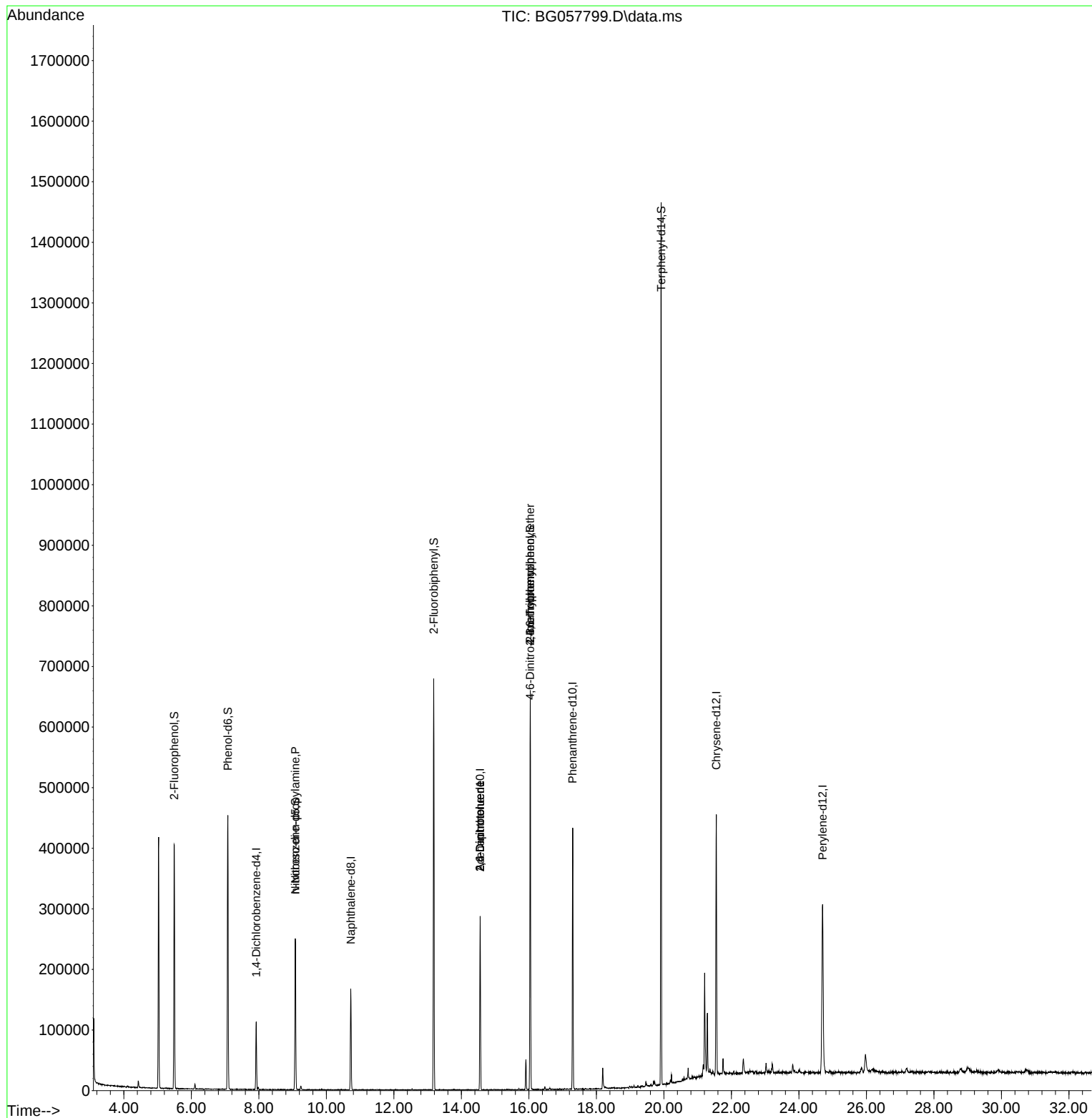
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	30208	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	135146	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	99580	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	274668	20.000	ng	0.00
76) Chrysene-d12	21.552	240	244475	20.000	ng	0.00
86) Perylene-d12	24.701	264	298404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.488	112	172876	88.241	ng	0.00
7) Phenol-d6	7.080	99	266608	89.186	ng	0.00
23) Nitrobenzene-d5	9.078	82	148929	56.558	ng	-0.01
42) 2,4,6-Tribromophenol	16.040	330	133735	96.410	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	356794	54.345	ng	0.00
79) Terphenyl-d14	19.918	244	767545	58.542	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.078	70	18257	8.760	ng	# 75
51) 2,6-Dinitrotoluene	14.554	165	13060	9.273	ng	# 18
57) 2,4-Dinitrotoluene	14.554	165	13060	6.838	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.035	198	203	5.455	ng	# 1
67) 4-Bromophenyl-phenylether	16.040	248	8578	2.945	ng	# 1

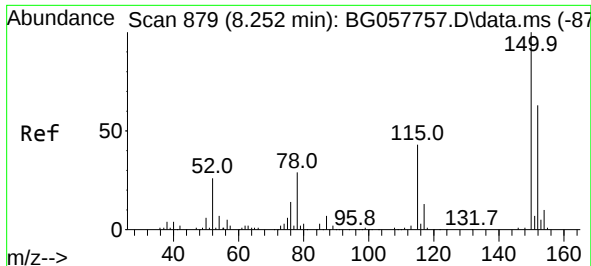
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
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Misc :
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Instrument :
BNA_G
ClientSampleId :

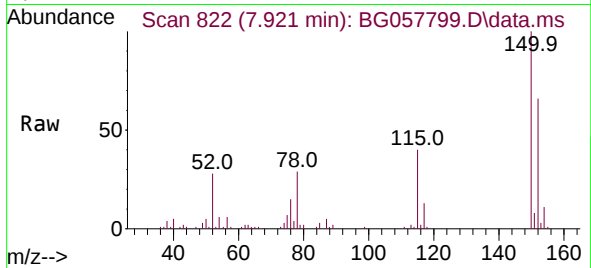
Quant Time: Jun 22 04:56:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration



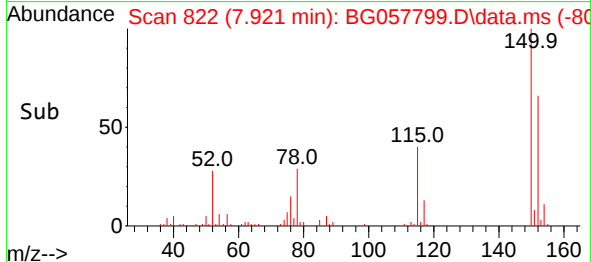
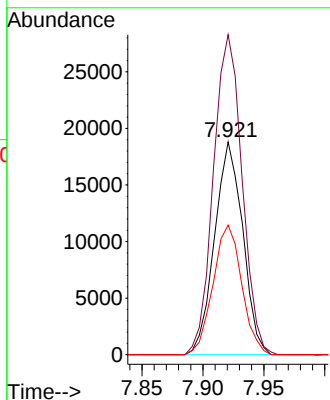


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

Instrument :
BNA_G
ClientSampleId :

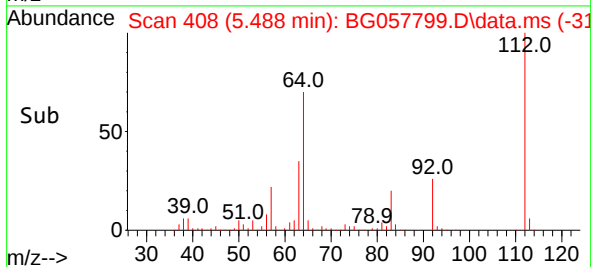
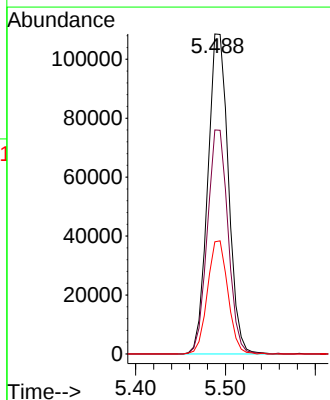
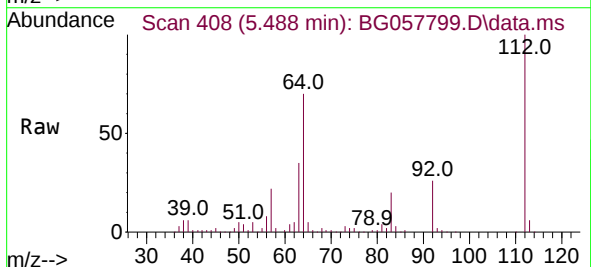


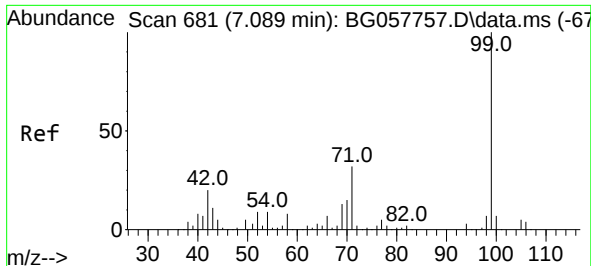
Tgt Ion:152 Resp: 30208
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 60.9 48.9 73.3



#5
2-Fluorophenol
Concen: 88.241 ng
RT: 5.488 min Scan# 408
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

Tgt Ion:112 Resp: 172876
Ion Ratio Lower Upper
112 100
64 70.0 62.1 93.1
63 35.1 31.5 47.3

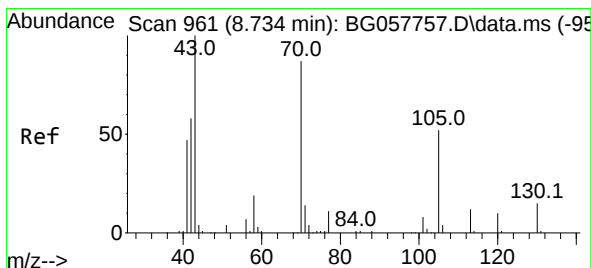
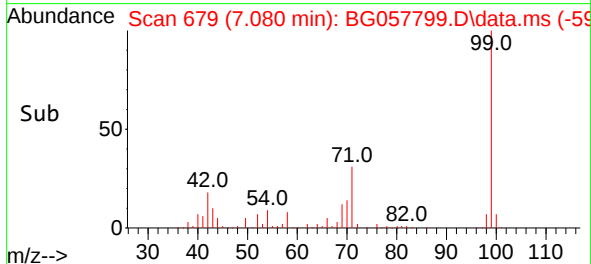
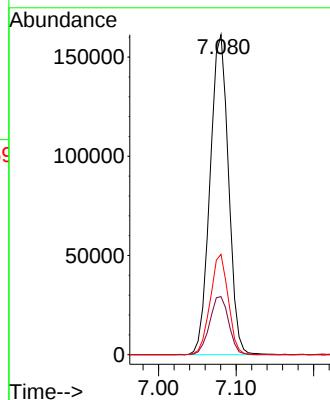
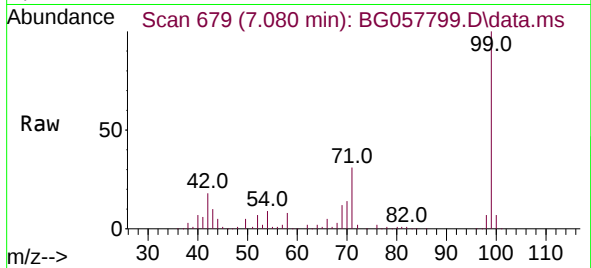




#7
Phenol-d6
Concen: 89.186 ng
RT: 7.080 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

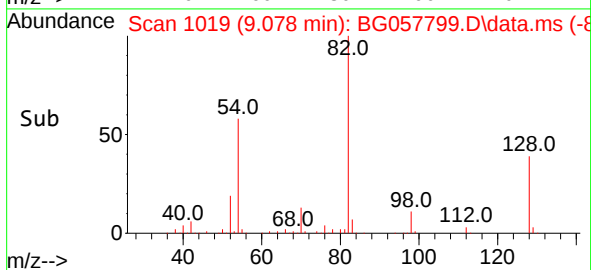
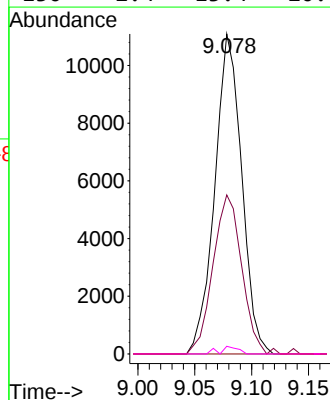
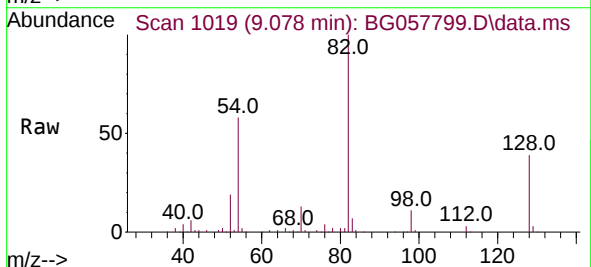
Instrument :
BNA_G
ClientSampleId :

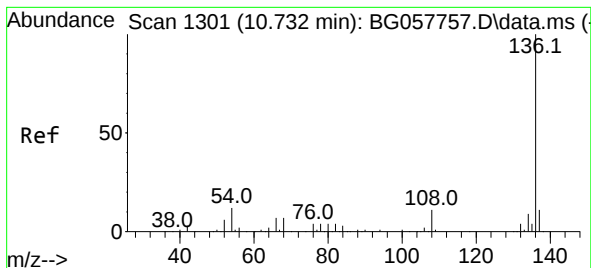
Tgt Ion: 99 Resp: 266608
Ion Ratio Lower Upper
99 100
42 18.1 16.4 24.6
71 31.3 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 8.760 ng
RT: 9.078 min Scan# 1019
Delta R.T. 0.344 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

Tgt Ion: 70 Resp: 18257
Ion Ratio Lower Upper
70 100
42 49.7 54.2 81.2#
101 0.0 7.4 11.0#
130 2.4 13.4 20.0#

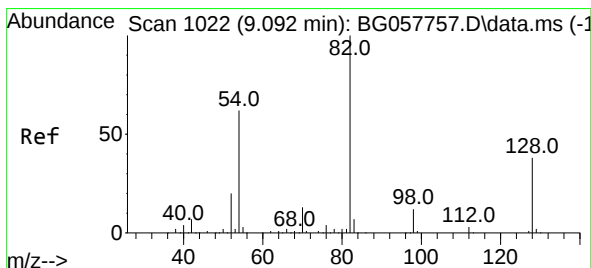
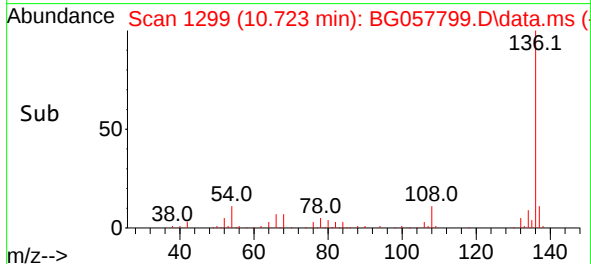
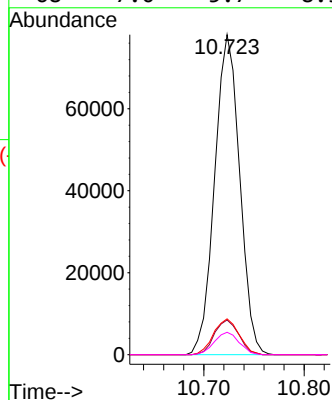
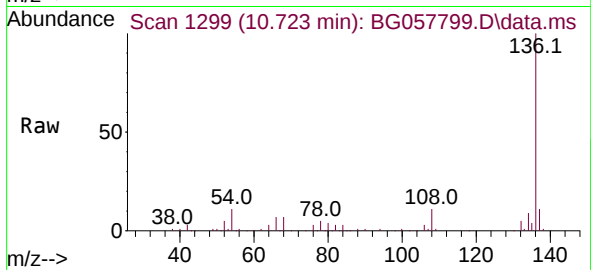




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1019
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

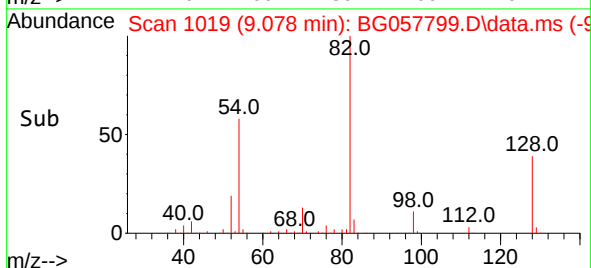
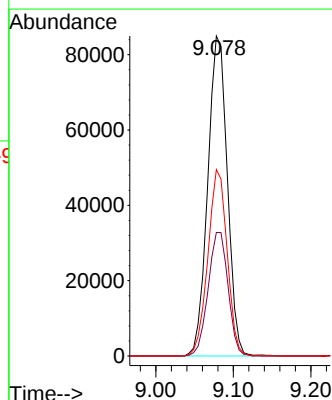
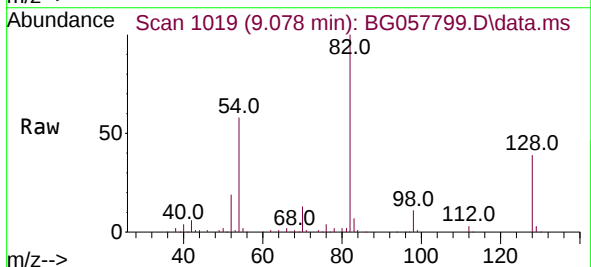
Instrument :
BNA_G
ClientSampleId :

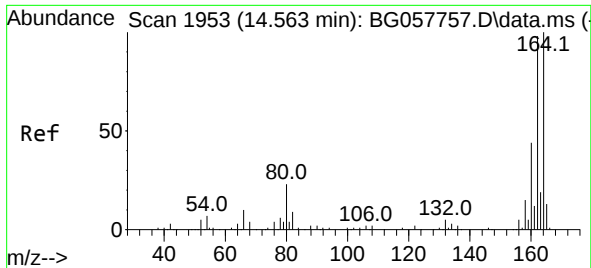
Tgt Ion:136 Resp: 135146
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.2 9.5 14.3
68 7.0 5.7 8.5



#23
Nitrobenzene-d5
Concen: 56.558 ng
RT: 9.078 min Scan# 1019
Delta R.T. -0.014 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

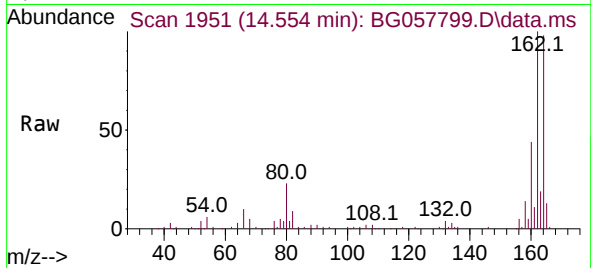
Tgt Ion: 82 Resp: 148929
Ion Ratio Lower Upper
82 100
128 38.6 30.7 46.1
54 58.3 49.6 74.4



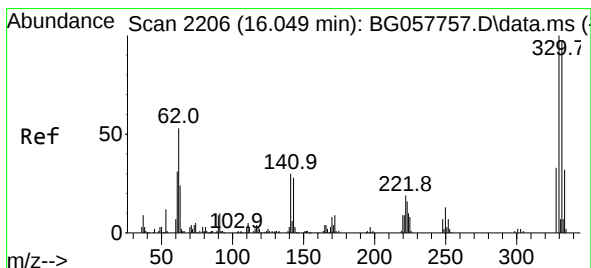
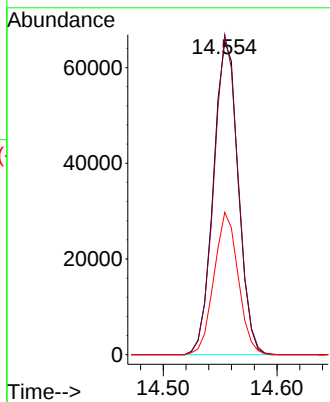
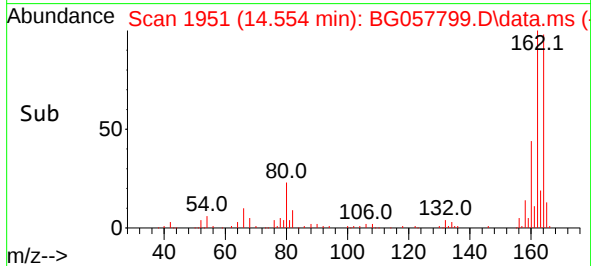


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

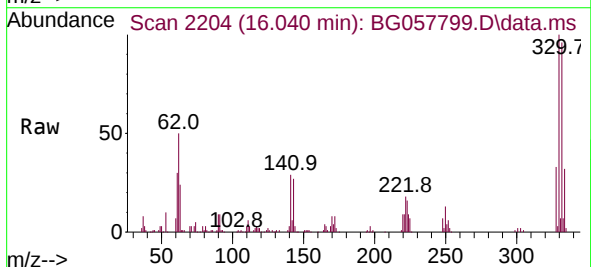
Instrument :
BNA_G
ClientSampleId :



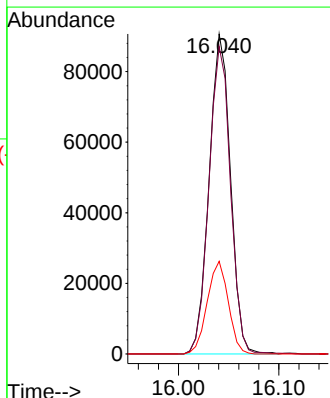
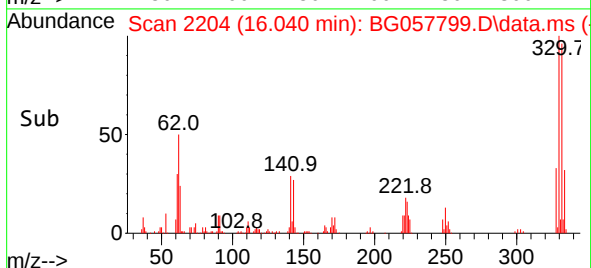
Tgt Ion:164 Resp: 99580
Ion Ratio Lower Upper
164 100
162 102.2 78.3 117.5
160 45.4 35.4 53.0

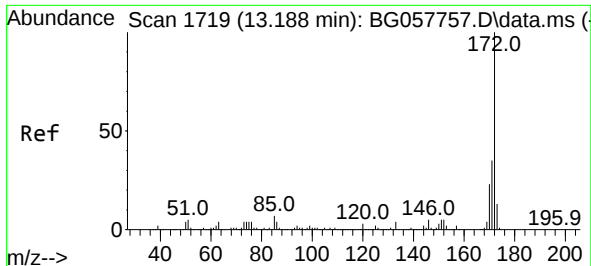


#42
2,4,6-Tribromophenol
Concen: 96.410 ng
RT: 16.040 min Scan# 2204
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58



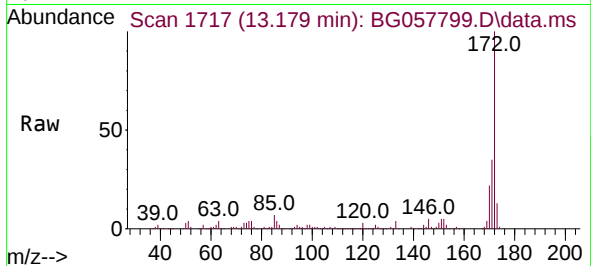
Tgt Ion:330 Resp: 133735
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 28.6 24.7 37.1



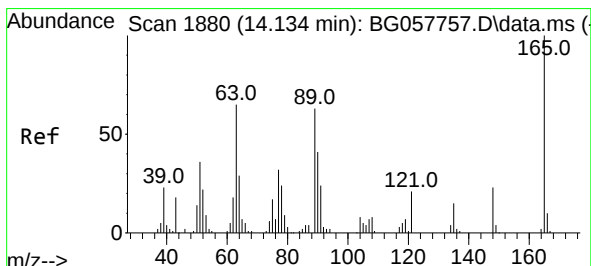
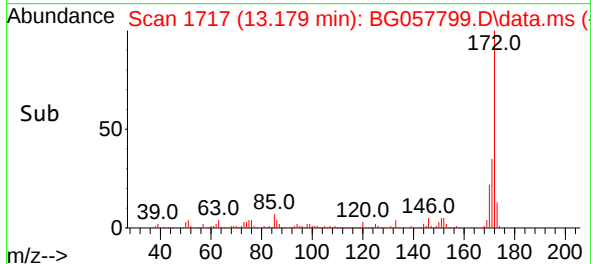
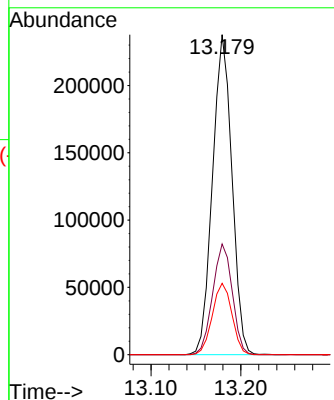


#45
2-Fluorobiphenyl
Concen: 54.345 ng
RT: 13.179 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

Instrument :
BNA_G
ClientSampleId :

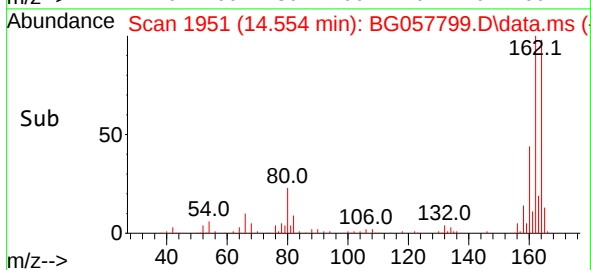
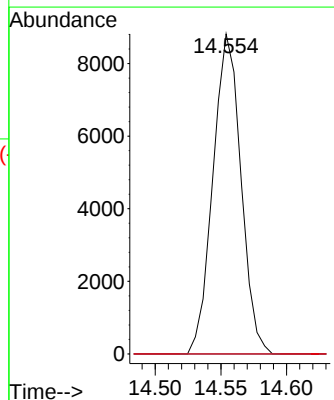
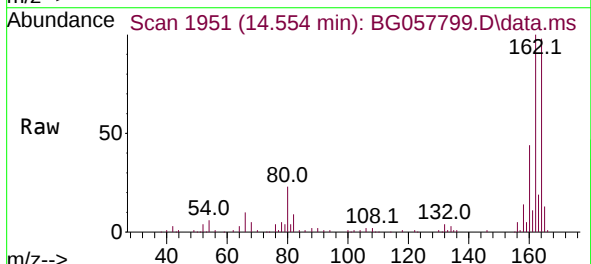


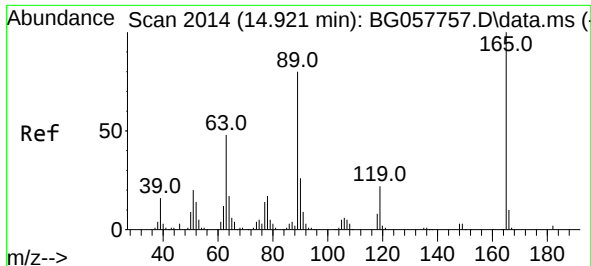
Tgt Ion:172 Resp: 356794
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.273 ng
RT: 14.554 min Scan# 1951
Delta R.T. 0.420 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

Tgt Ion:165 Resp: 13060
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 0.0 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.838 ng

RT: 14.554 min Scan# 1951

Delta R.T. -0.367 min

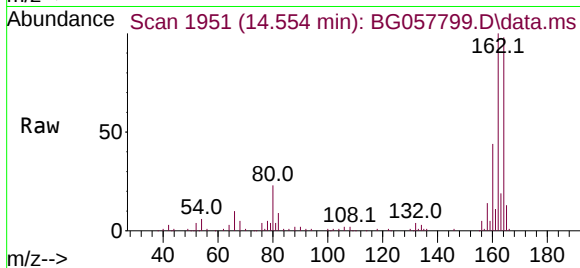
Lab File: BG057799.D

Acq: 22 Jun 2023 00:58

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 13060

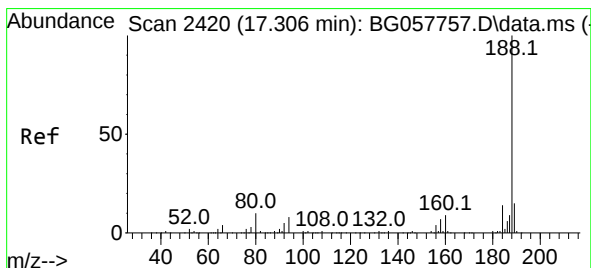
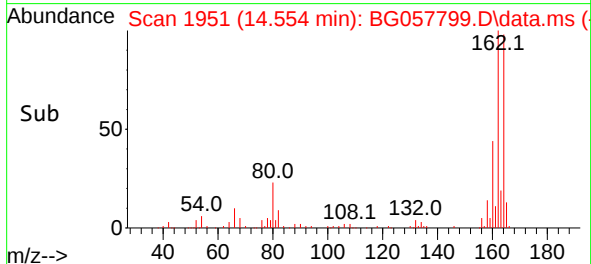
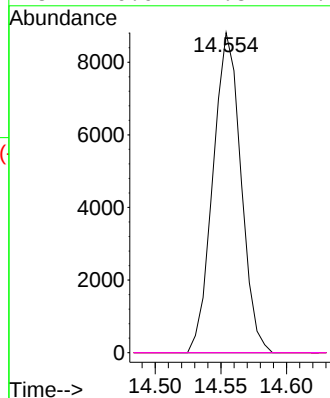
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 63.7 95.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2418

Delta R.T. -0.009 min

Lab File: BG057799.D

Acq: 22 Jun 2023 00:58

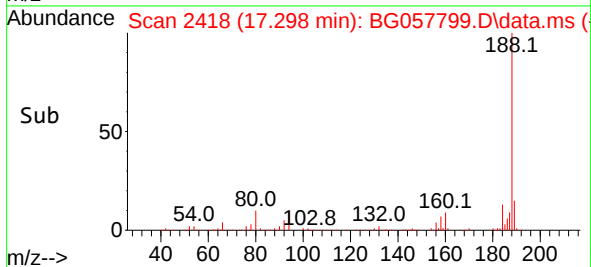
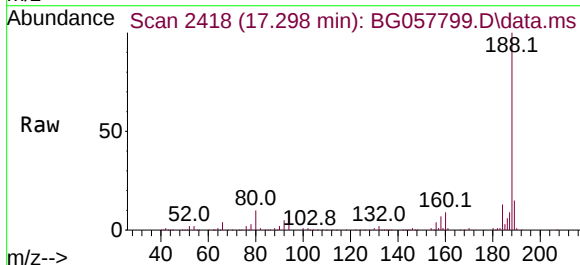
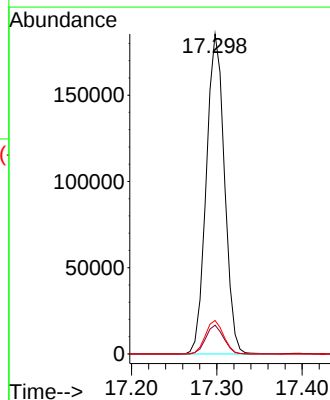
Tgt Ion:188 Resp: 274668

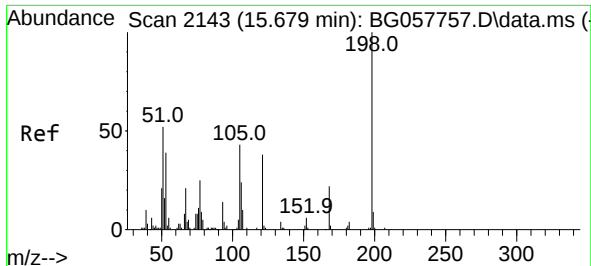
Ion Ratio Lower Upper

188 100

94 9.0 6.6 9.8

80 10.5 7.6 11.4

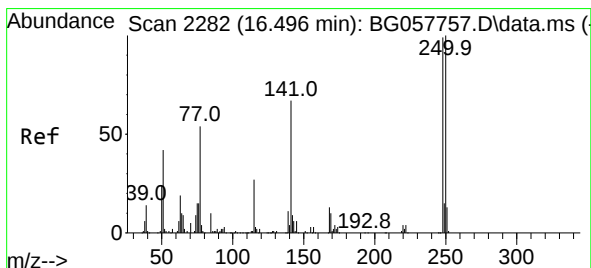
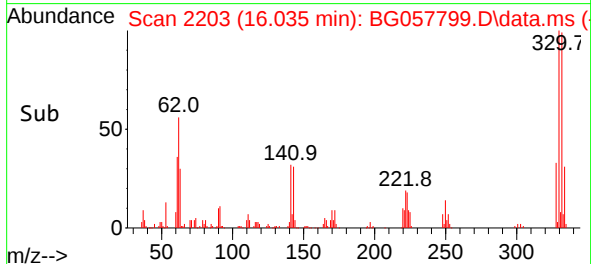
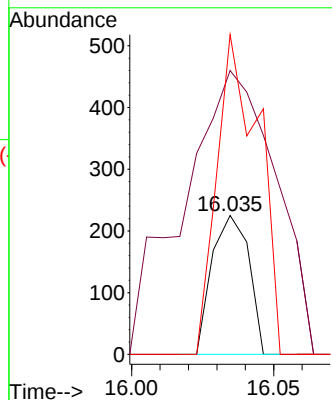
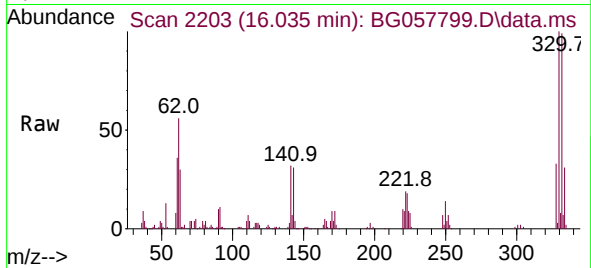




#65
4,6-Dinitro-2-methylphenol
Concen: 5.455 ng
RT: 16.035 min Scan# 2143
Delta R.T. 0.356 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

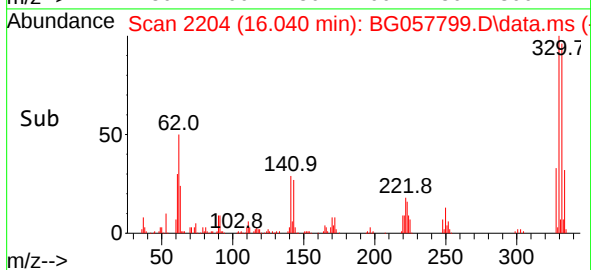
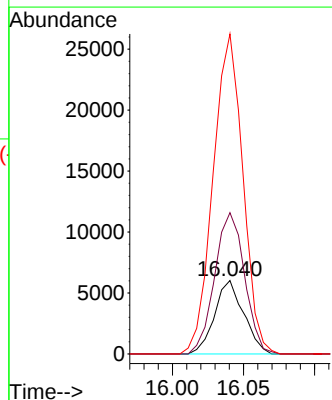
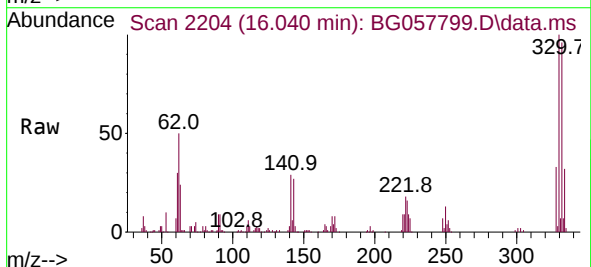
Instrument :
BNA_G
ClientSampleId :

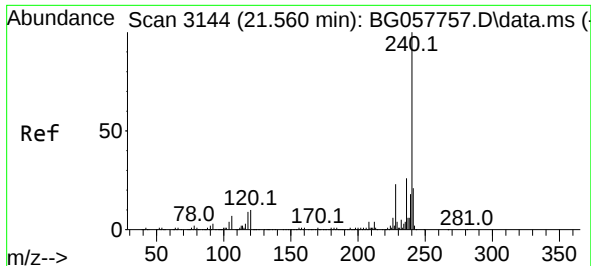
Tgt Ion:198 Resp: 203
Ion Ratio Lower Upper
198 100
51 204.4 36.6 76.6#
105 230.2 24.3 64.3#



#67
4-Bromophenyl-phenylether
Concen: 2.945 ng
RT: 16.040 min Scan# 2204
Delta R.T. -0.455 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

Tgt Ion:248 Resp: 8578
Ion Ratio Lower Upper
248 100
250 192.3 81.1 121.7#
141 435.7 54.6 81.8#

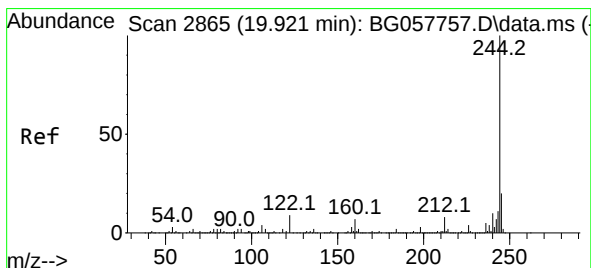
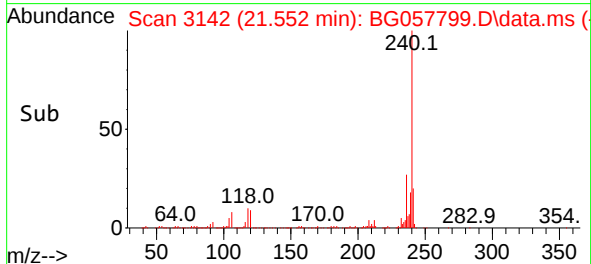
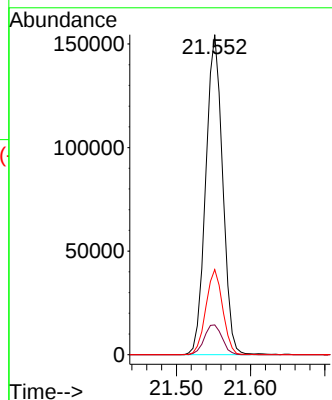
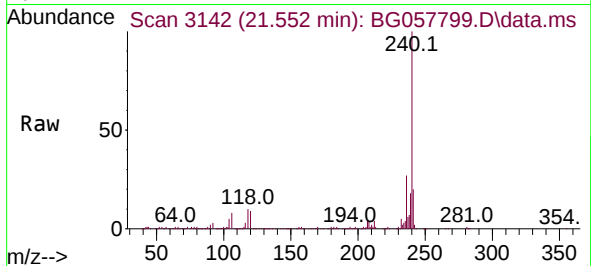




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.552 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

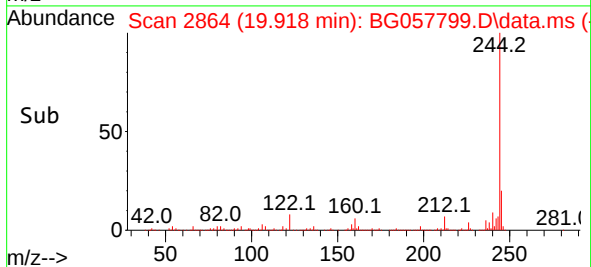
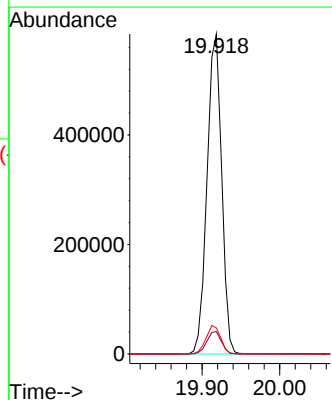
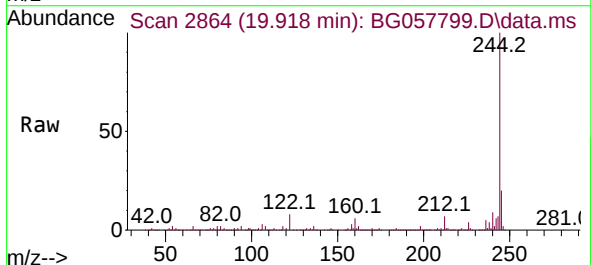
Instrument :
BNA_G
ClientSampleId :

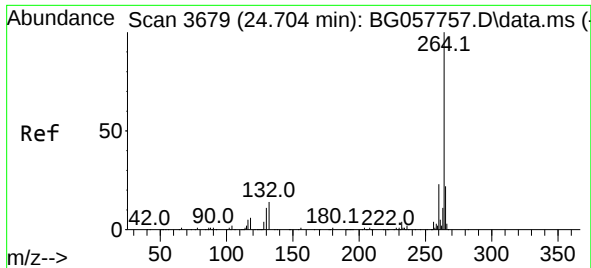
Tgt Ion:240 Resp: 244475
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 26.6 20.6 30.8



#79
Terphenyl-d14
Concen: 58.542 ng
RT: 19.918 min Scan# 2864
Delta R.T. -0.003 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

Tgt Ion:244 Resp: 767545
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 8.1 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.701 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG057799.D
 Acq: 22 Jun 2023 00:58

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:264 Resp: 298404
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 21.6 17.4 26.2

