

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059895.D
 Acq On : 25 Nov 2023 17:20
 Operator : MA/JU
 Sample : 05311-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Nov 27 03:23:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

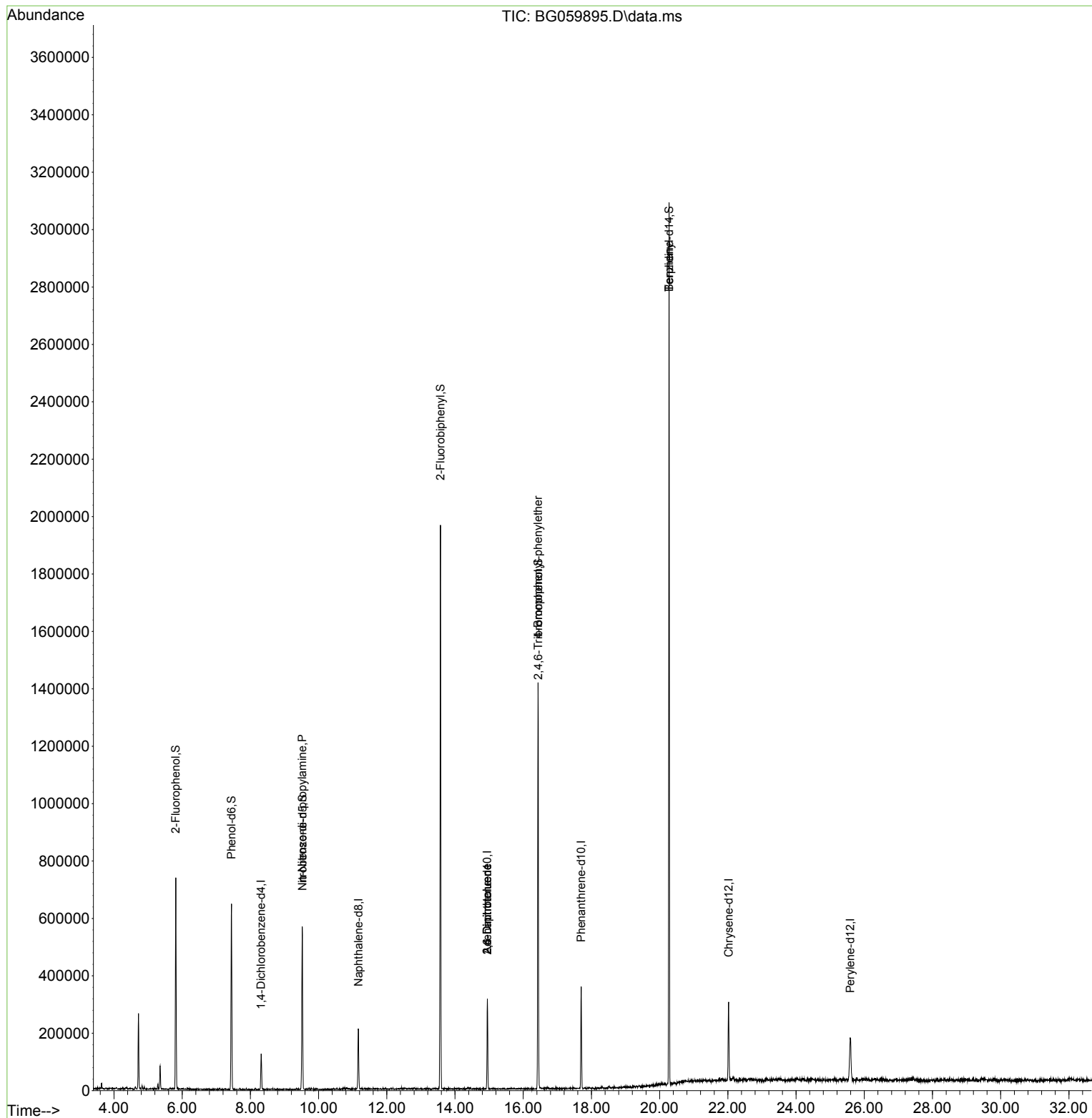
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.315	152	27035	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	147458	20.000	ng	# 0.00
39) Acenaphthene-d10	14.948	164	101891	20.000	ng	# 0.00
64) Phenanthrene-d10	17.698	188	195823	20.000	ng	-0.01
76) Chrysene-d12	22.022	240	166268	20.000	ng	#-0.01
86) Perylene-d12	25.589	264	177975	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.812	112	254340	158.346	ng	0.00
7) Phenol-d6	7.445	99	310436	130.420	ng	0.00
23) Nitrobenzene-d5	9.525	82	345712	89.540	ng	0.00
42) 2,4,6-Tribromophenol	16.441	330	200312	173.268	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	868814	114.776	ng	0.00
79) Terphenyl-d14	20.277	244	1253991	111.338	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.519	70	56910	30.361	ng	# 84
51) 2,6-Dinitrotoluene	14.948	165	11859	7.917	ng	# 3
57) 2,4-Dinitrotoluene	14.948	165	11859	5.148	ng	# 6
67) 4-Bromophenyl-phenylether	16.435	248	12632	6.005	ng	# 1
77) Benzdine	20.277	184	35479	9.410	ng	# 85

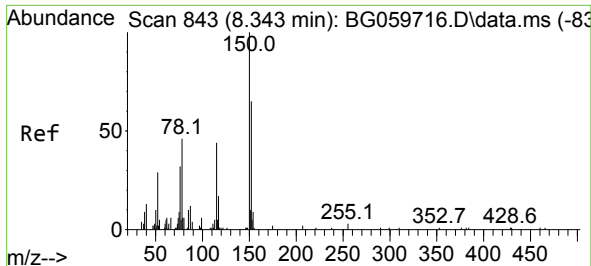
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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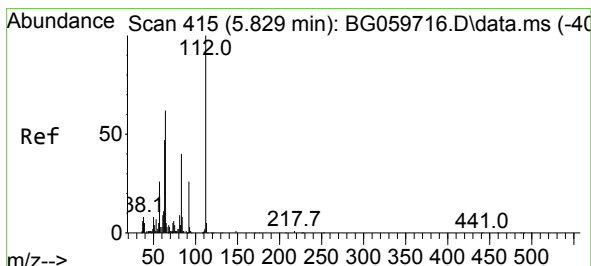
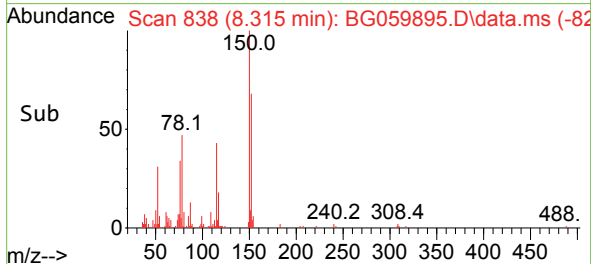
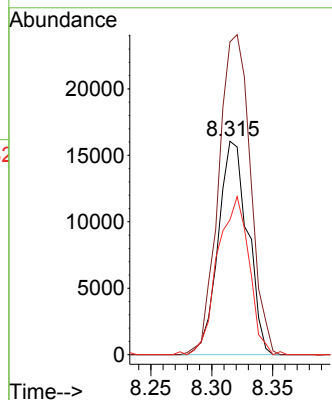
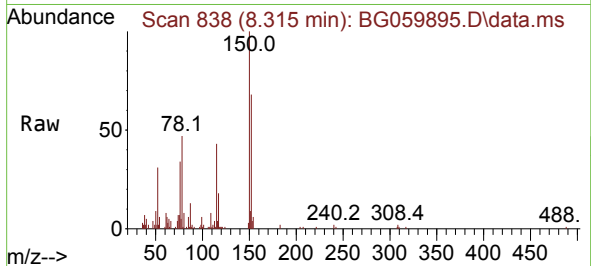




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.315 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

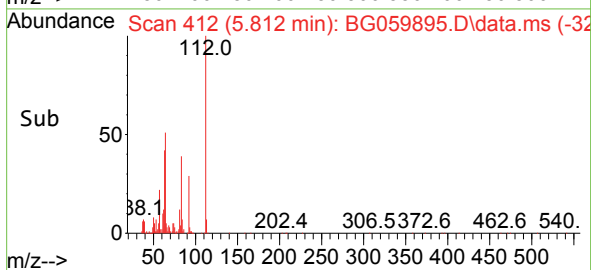
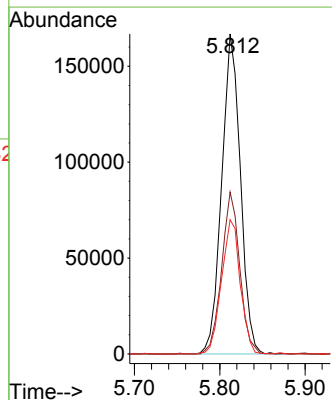
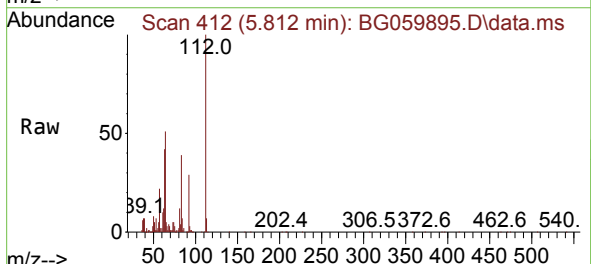
Instrument :
BNA_G
ClientSampleId :
TP-1

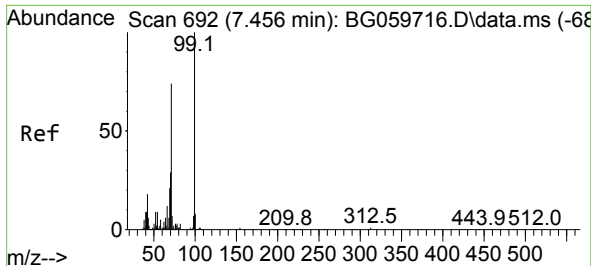
Tgt Ion:152 Resp: 27035
Ion Ratio Lower Upper
152 100
150 146.5 122.2 183.4
115 63.2 54.2 81.4



#5
2-Fluorophenol
Concen: 158.346 ng
RT: 5.812 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

Tgt Ion:112 Resp: 254340
Ion Ratio Lower Upper
112 100
64 50.6 49.5 74.3
63 42.0 37.4 56.2

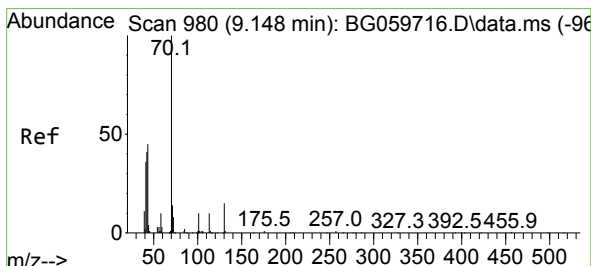
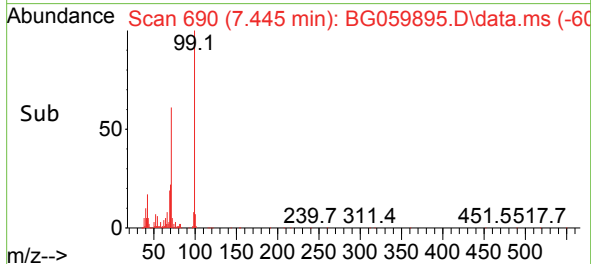
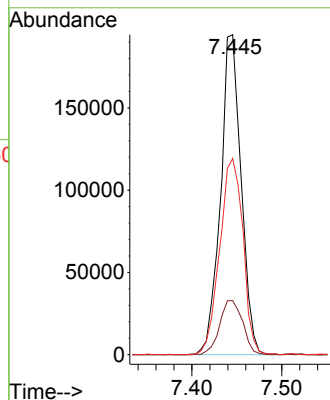
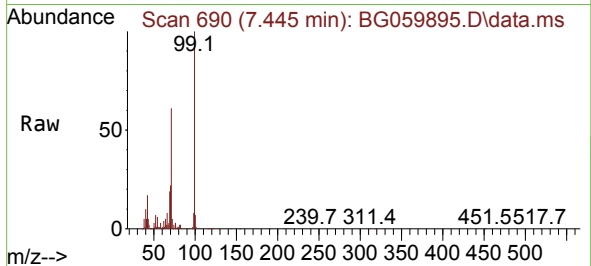




#7
Phenol-d6
Concen: 130.420 ng
RT: 7.445 min Scan# 692
Delta R.T. 0.000 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

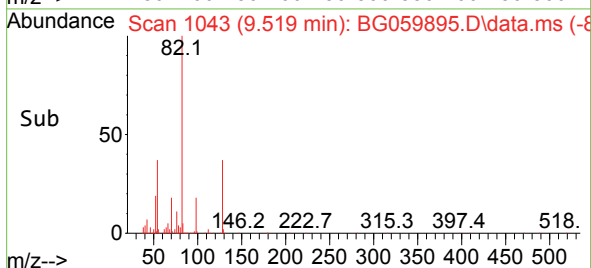
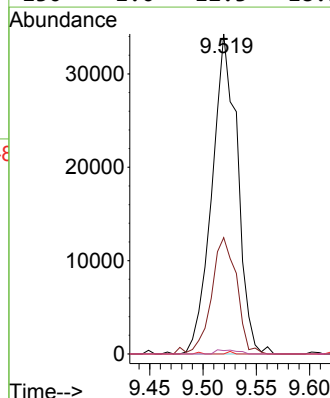
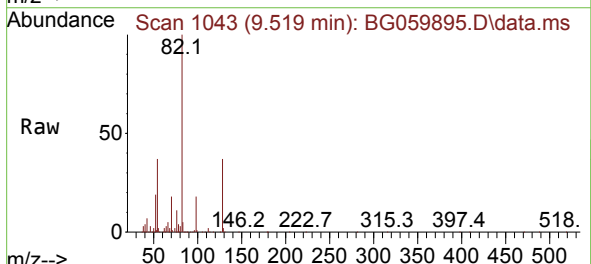
Instrument :
BNA_G
ClientSampleId :
TP-1

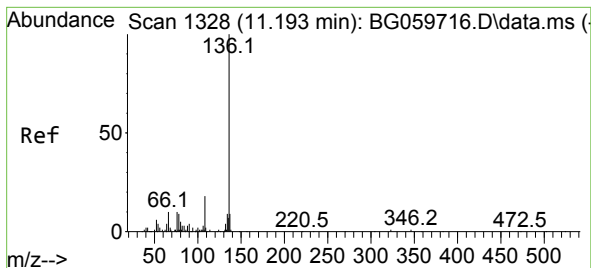
Tgt Ion: 99 Resp: 310436
Ion Ratio Lower Upper
99 100
42 16.9 14.3 21.5
71 61.3 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 30.361 ng
RT: 9.519 min Scan# 1043
Delta R.T. 0.388 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

Tgt Ion: 70 Resp: 56910
Ion Ratio Lower Upper
70 100
42 36.4 32.8 49.2
101 0.0 7.7 11.5#
130 1.0 12.3 18.5#

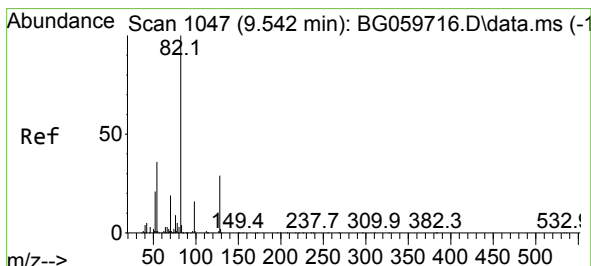
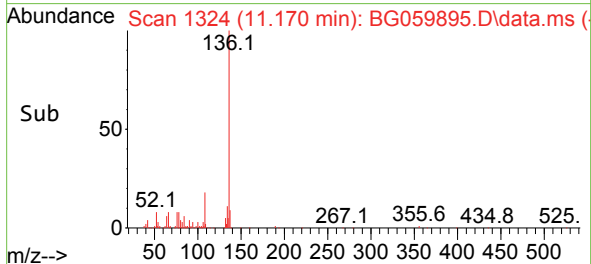
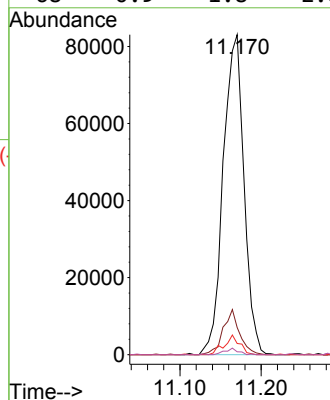
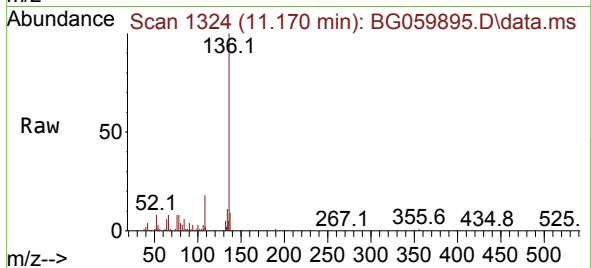




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 111
Delta R.T. 0.000 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

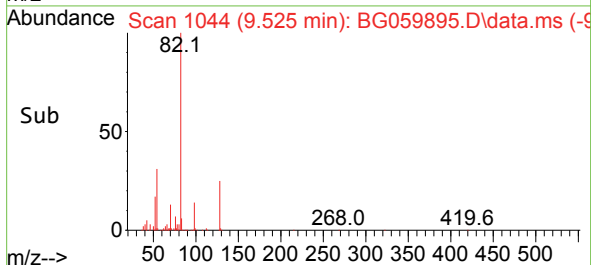
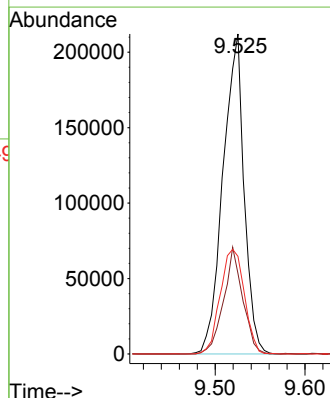
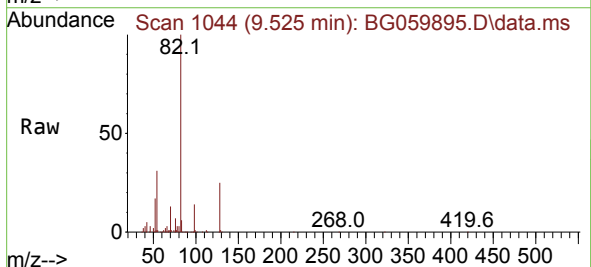
Instrument :
BNA_G
ClientSampleId :
TP-1

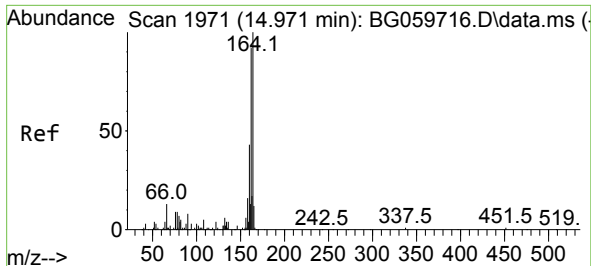
Tgt Ion:136 Resp: 147458
Ion Ratio Lower Upper
136 100
137 8.5 7.4 11.0
54 3.5 3.1 4.7
68 0.9 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 89.540 ng
RT: 9.525 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

Tgt Ion: 82 Resp: 345712
Ion Ratio Lower Upper
82 100
128 25.2 23.0 34.6
54 30.5 28.7 43.1

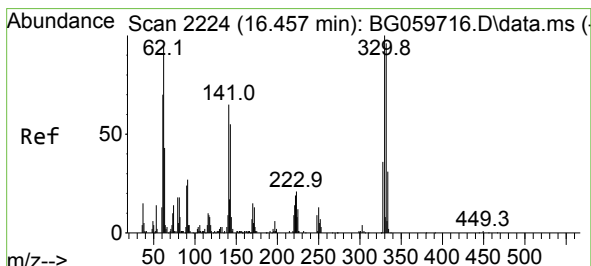
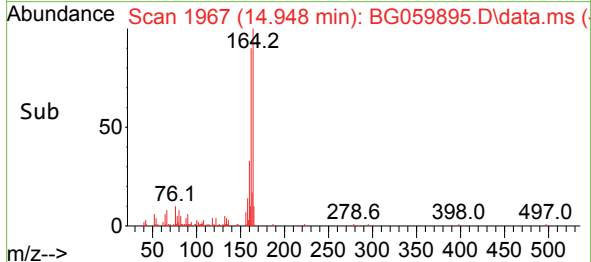
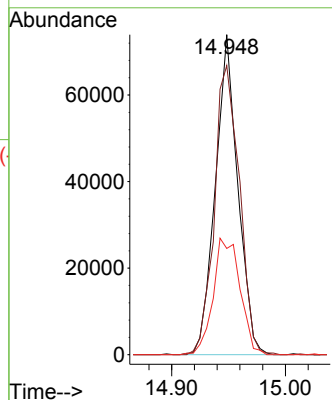
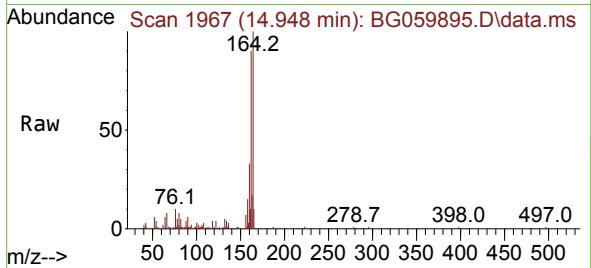




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.948 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

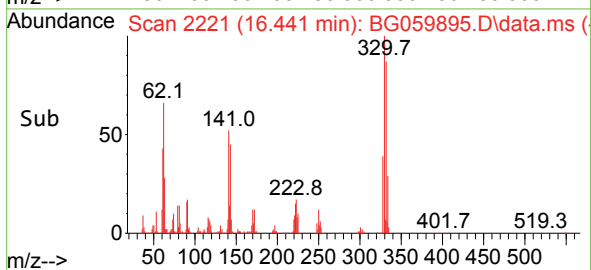
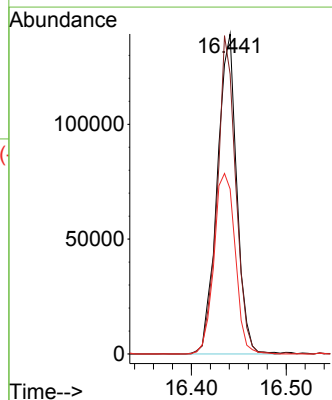
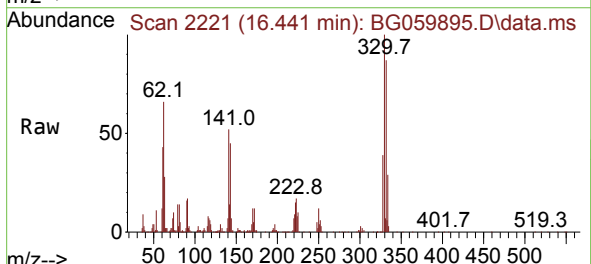
Instrument :
BNA_G
ClientSampleId :
TP-1

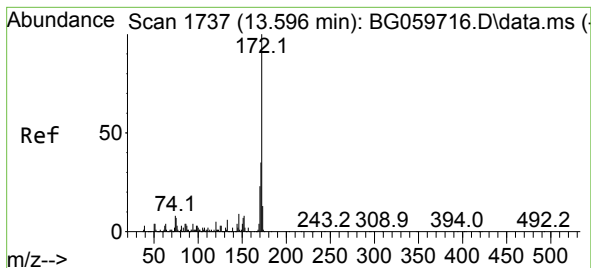
Tgt Ion:164 Resp: 101891
Ion Ratio Lower Upper
164 100
162 90.4 73.3 109.9
160 33.2 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 173.268 ng
RT: 16.441 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

Tgt Ion:330 Resp: 200312
Ion Ratio Lower Upper
330 100
332 94.2 73.3 109.9
141 61.1 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 114.776 ng

RT: 13.573 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059895.D

Acq: 25 Nov 2023 17:20

Instrument :

BNA_G

ClientSampleId :

TP-1

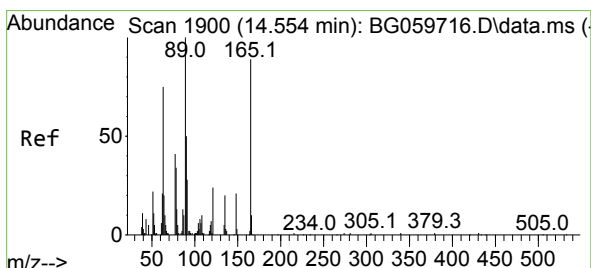
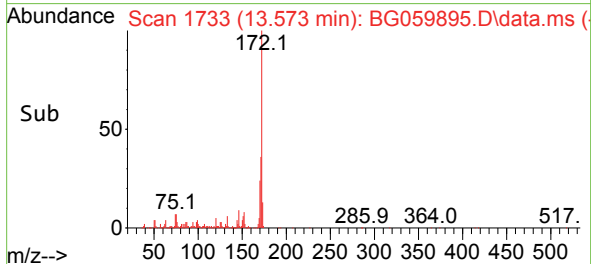
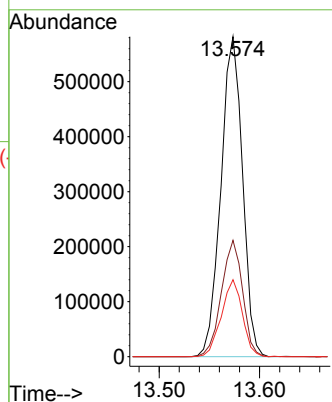
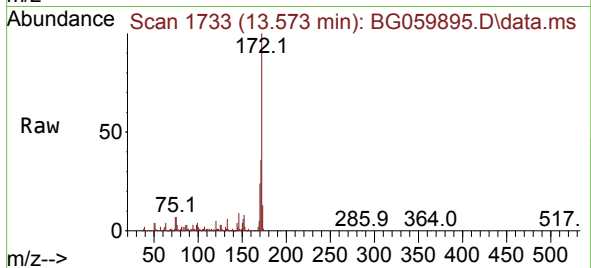
Tgt Ion:172 Resp: 868814

Ion Ratio Lower Upper

172 100

171 36.3 27.7 41.5

170 24.0 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 7.917 ng

RT: 14.948 min Scan# 1967

Delta R.T. 0.406 min

Lab File: BG059895.D

Acq: 25 Nov 2023 17:20

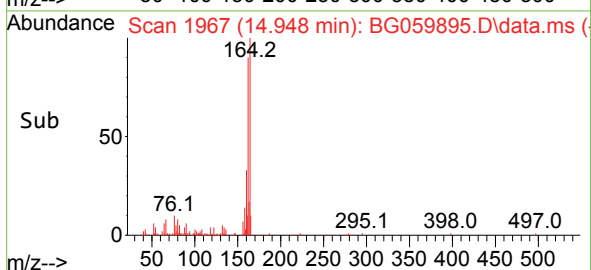
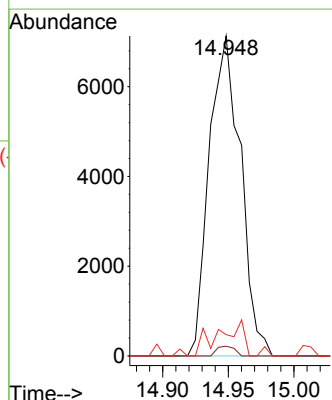
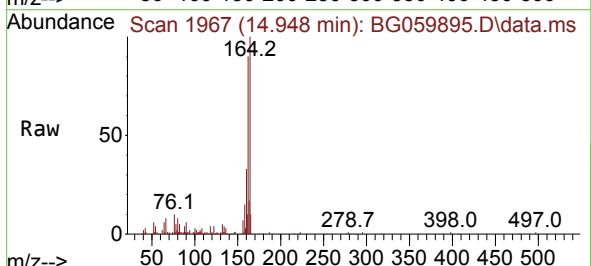
Tgt Ion:165 Resp: 11859

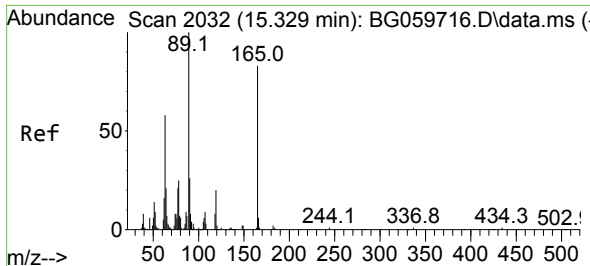
Ion Ratio Lower Upper

165 100

63 3.1 75.3 112.9#

89 6.6 90.9 136.3#

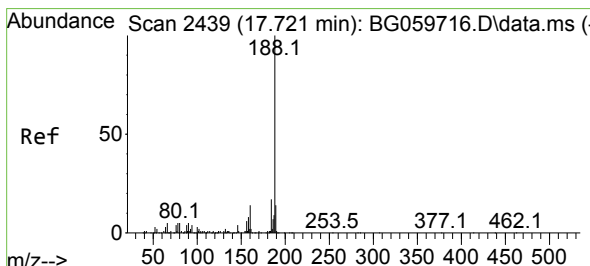
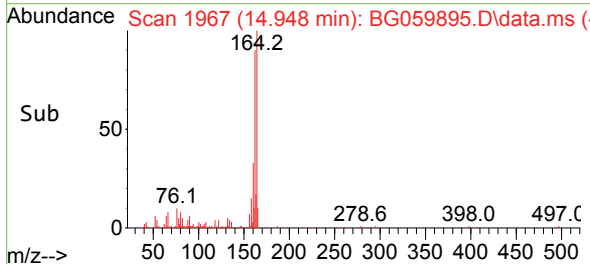
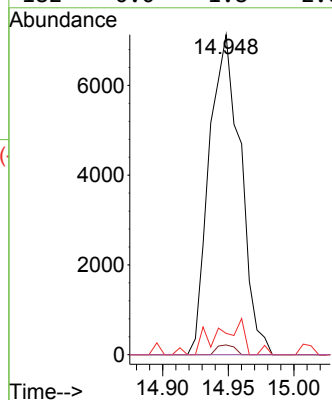
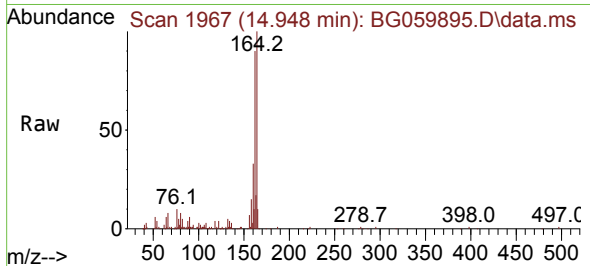




#57
2,4-Dinitrotoluene
Concen: 5.148 ng
RT: 14.948 min Scan# 1967
Delta R.T. -0.376 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

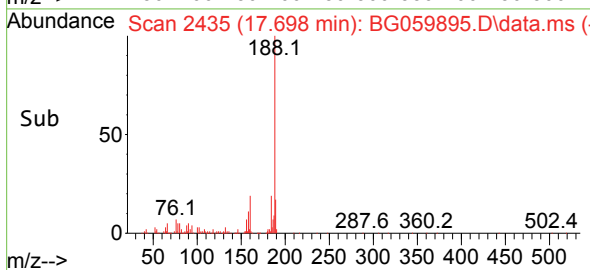
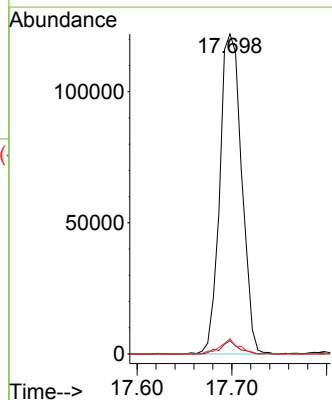
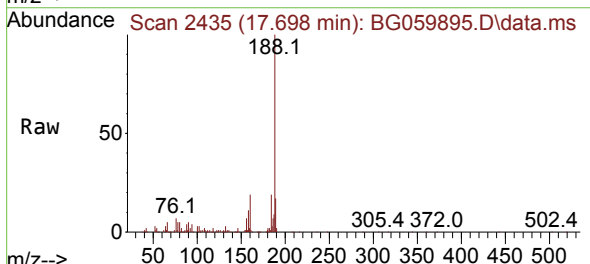
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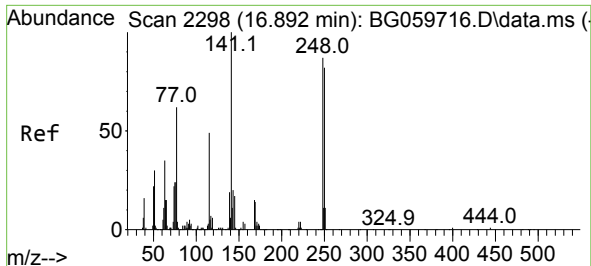
Tgt Ion:165 Resp: 11859
Ion Ratio Lower Upper
165 100
63 3.1 55.8 83.8#
89 6.6 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.698 min Scan# 2435
Delta R.T. -0.011 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

Tgt Ion:188 Resp: 195823
Ion Ratio Lower Upper
188 100
94 4.1 3.0 4.4
80 4.8 4.2 6.4

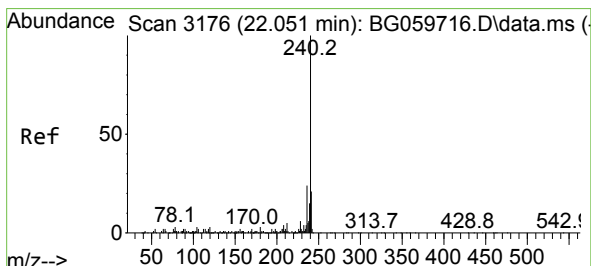
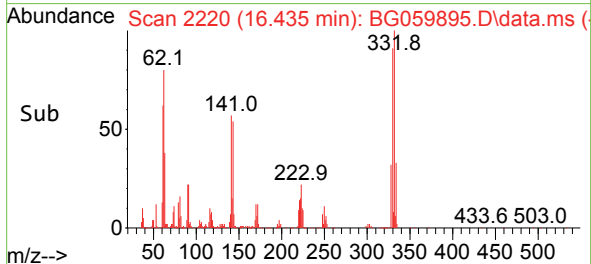
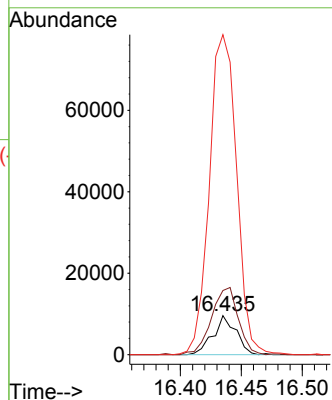
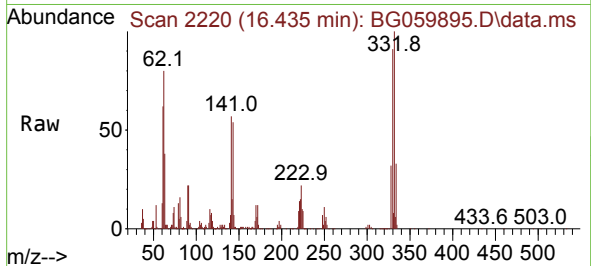




#67
4-Bromophenyl-phenylether
Concen: 6.005 ng
RT: 16.435 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

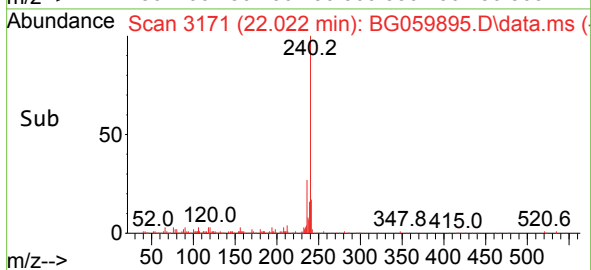
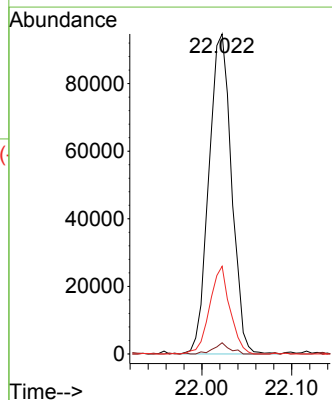
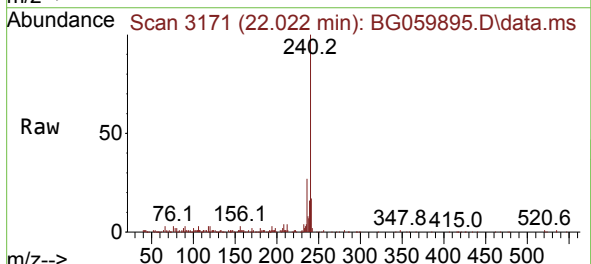
Instrument :
BNA_G
ClientSampleId :
TP-1

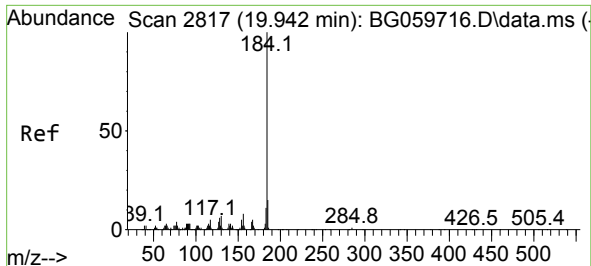
Tgt Ion:248 Resp: 12632
Ion Ratio Lower Upper
248 100
250 164.2 75.2 112.8#
141 818.9 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.022 min Scan# 3171
Delta R.T. -0.011 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

Tgt Ion:240 Resp: 166268
Ion Ratio Lower Upper
240 100
120 3.5 2.2 3.2#
236 27.4 19.4 29.2

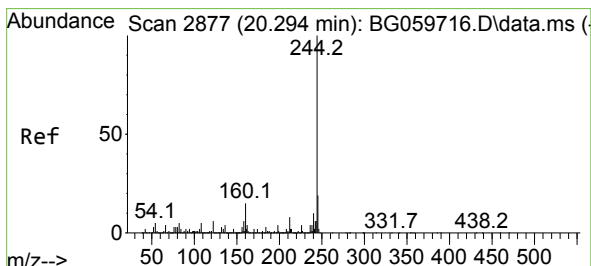
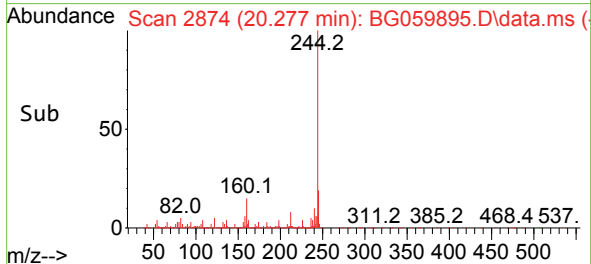
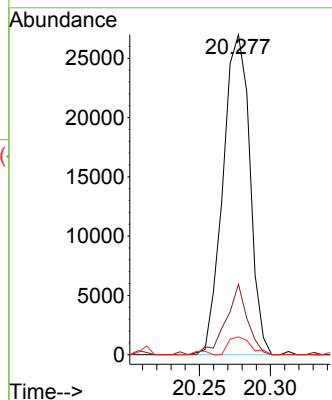
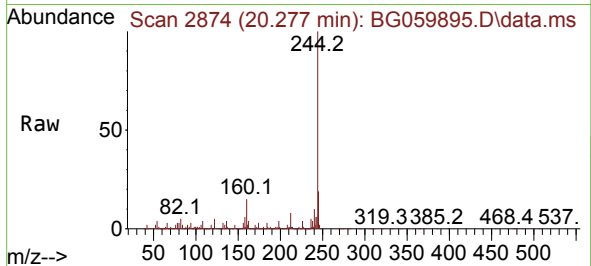




#77
Benzidine
Concen: 9.410 ng
RT: 20.277 min Scan# 2817
Delta R.T. 0.347 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

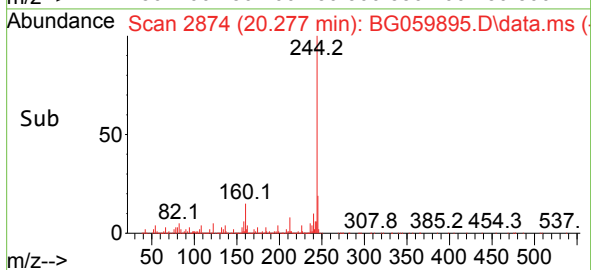
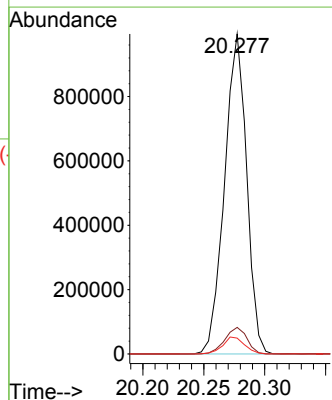
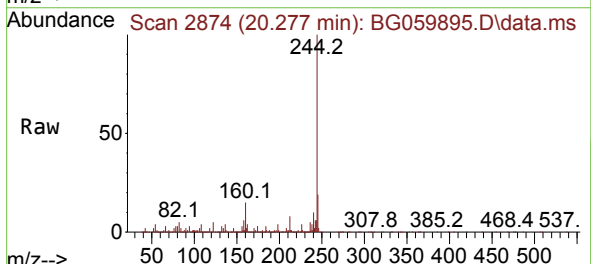
Instrument :
BNA_G
ClientSampleId :
TP-1

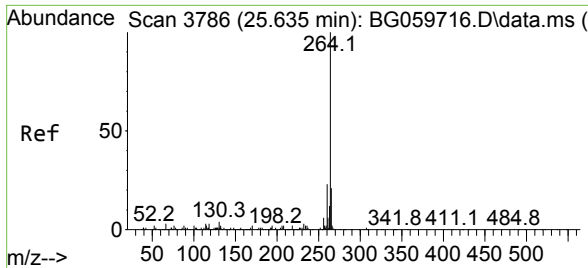
Tgt Ion:184 Resp: 35479
Ion Ratio Lower Upper
184 100
185 22.0 12.2 18.2#
183 5.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 111.338 ng
RT: 20.277 min Scan# 2874
Delta R.T. -0.006 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

Tgt Ion:244 Resp: 1253991
Ion Ratio Lower Upper
244 100
212 8.3 6.6 10.0
122 5.0 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.589 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:	264	Resp:	177975
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	17.8	17.0	25.6

