

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
 Data File : BG057891.D
 Acq On : 28 Jun 2023 13:51
 Operator : CG/JU
 Sample : 03366-03 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB38

Quant Time: Jun 28 14:44:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

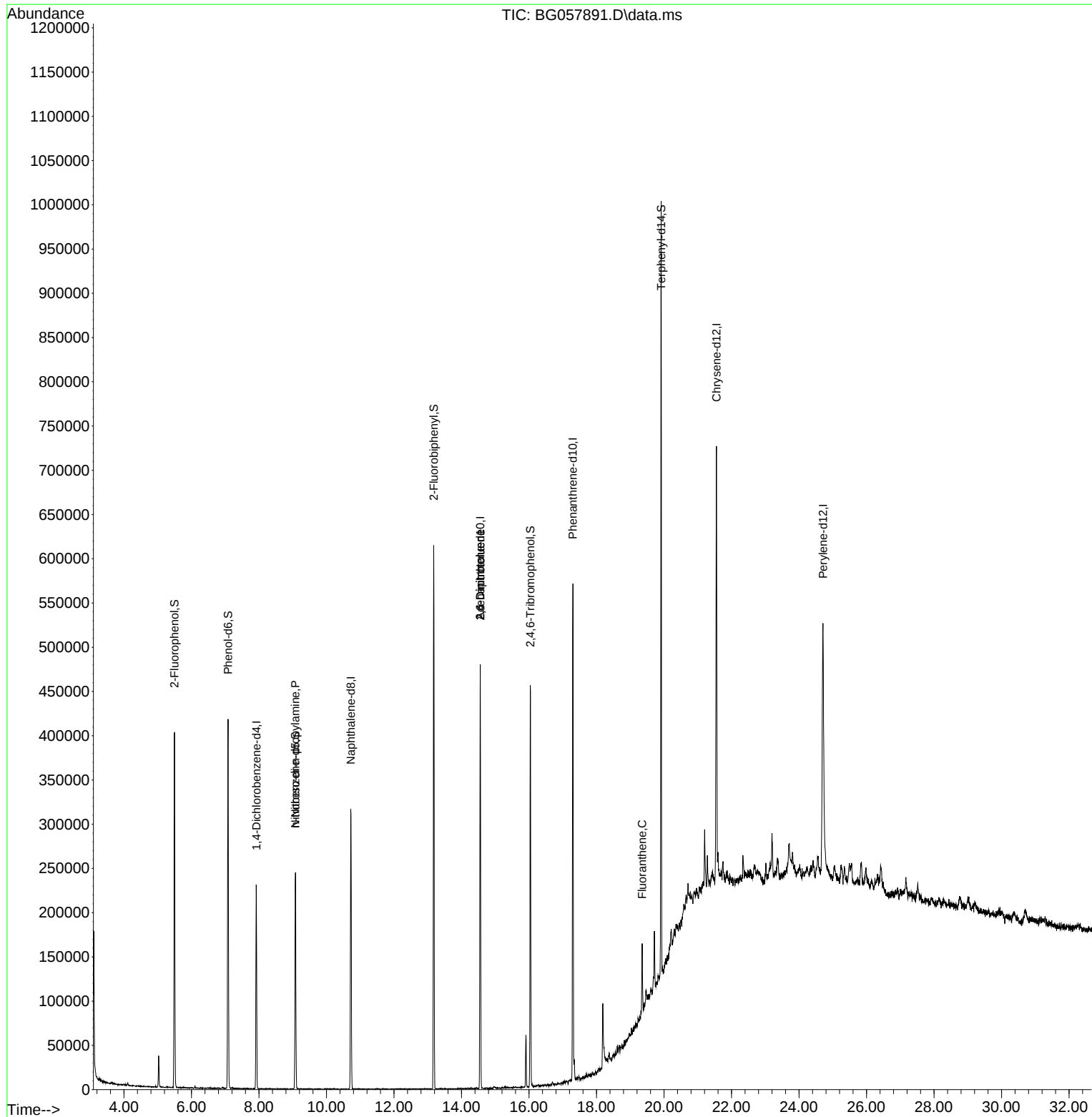
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	63835	20.000	ng	0.00
21) Naphthalene-d8	10.720	136	272388	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	169879	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	358001	20.000	ng	0.00
76) Chrysene-d12	21.554	240	295862	20.000	ng	0.00
86) Perylene-d12	24.709	264	364253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	180756	43.324	ng	0.00
7) Phenol-d6	7.083	99	255068	40.883	ng	0.00
23) Nitrobenzene-d5	9.080	82	150579	27.092	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	98128	34.391	ng	0.00
45) 2-Fluorobiphenyl	13.176	172	329986	29.643	ng	0.00
79) Terphenyl-d14	19.915	244	443730	27.342	ng	0.00
Target Compounds						
9) Benzaldehyde	7.083	77	233	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.080	70	18975	4.545	ng	# 74
51) 2,6-Dinitrotoluene	14.556	165	22954	8.211	ng	# 24
57) 2,4-Dinitrotoluene	14.556	165	22954	5.659	ng	# 21
75) Fluoranthene	19.351	202	45114	2.084	ng	98

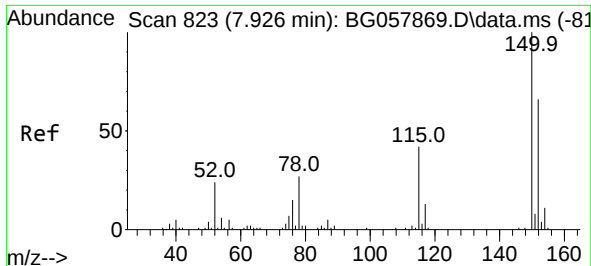
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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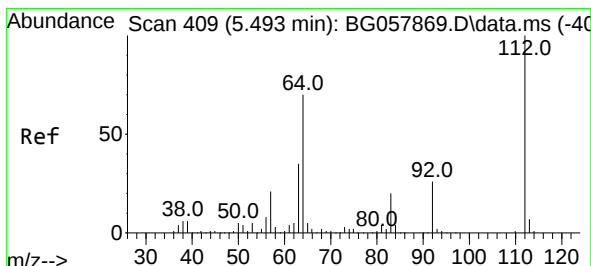
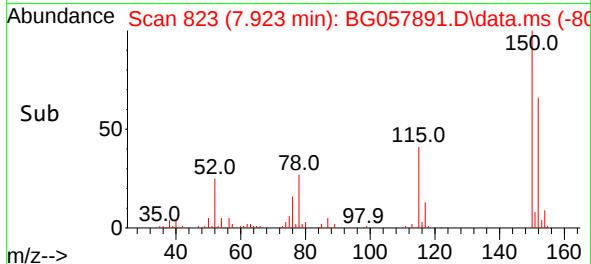
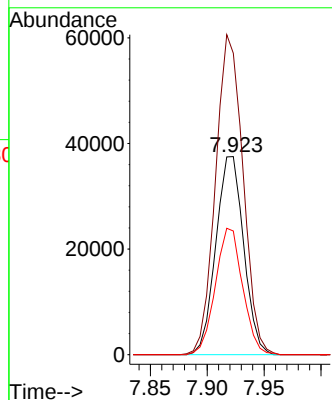
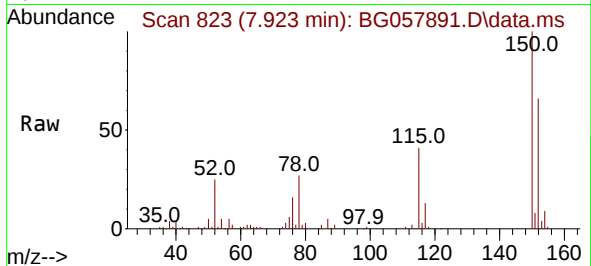




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

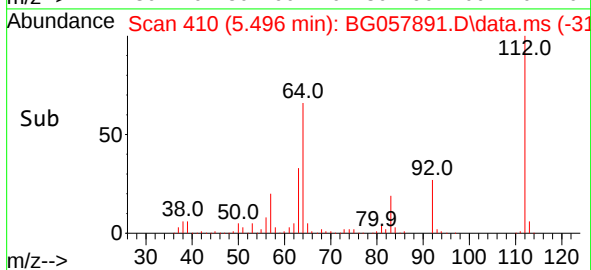
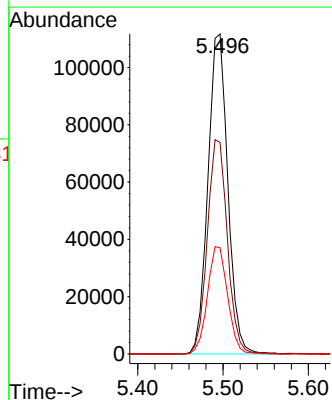
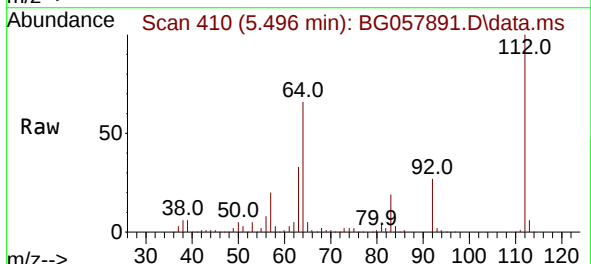
Instrument :
BNA_G
ClientSampleId :
SB38

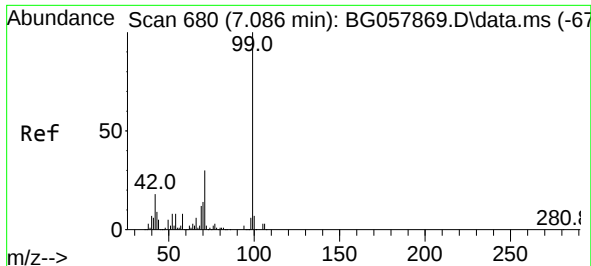
Tgt Ion:152 Resp: 63835
Ion Ratio Lower Upper
152 100
150 152.2 122.0 183.0
115 62.4 50.7 76.1



#5
2-Fluorophenol
Concen: 43.324 ng
RT: 5.496 min Scan# 410
Delta R.T. 0.003 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

Tgt Ion:112 Resp: 180756
Ion Ratio Lower Upper
112 100
64 66.1 55.8 83.6
63 33.2 27.9 41.9

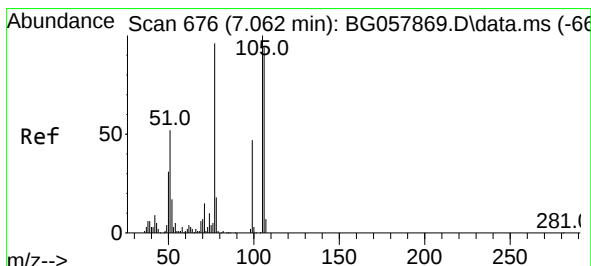
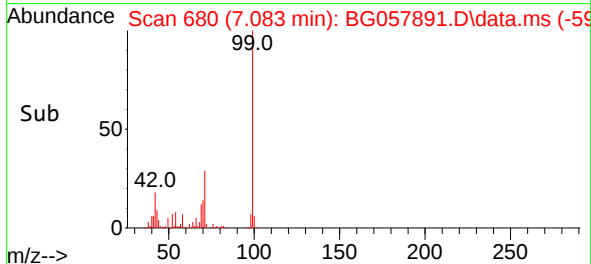
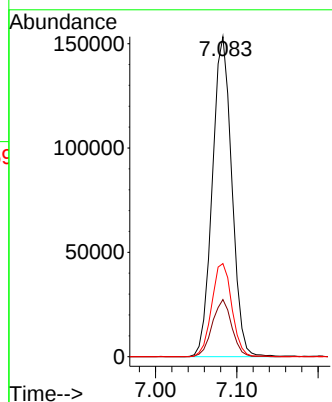
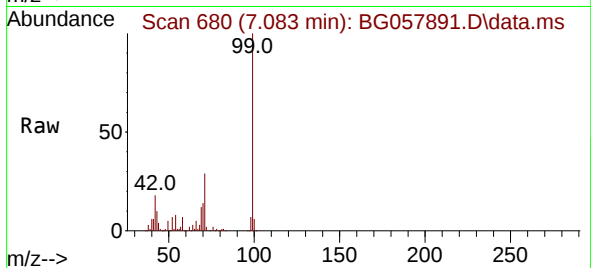




#7
Phenol-d6
Concen: 40.883 ng
RT: 7.083 min Scan# 680
Delta R.T. -0.003 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

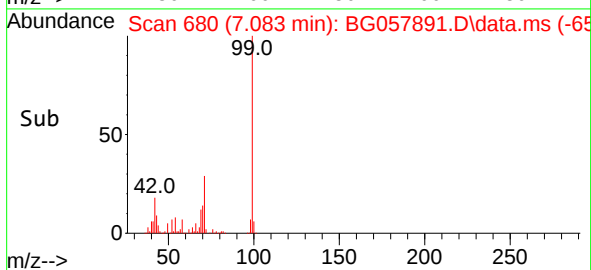
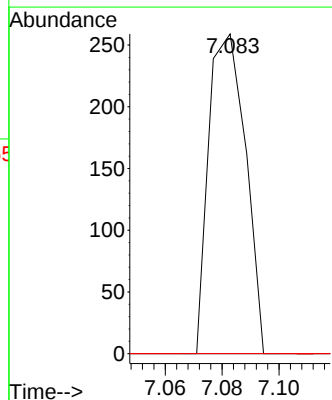
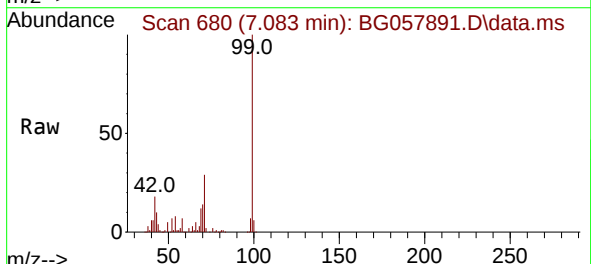
Instrument :
BNA_G
ClientSampleId :
SB38

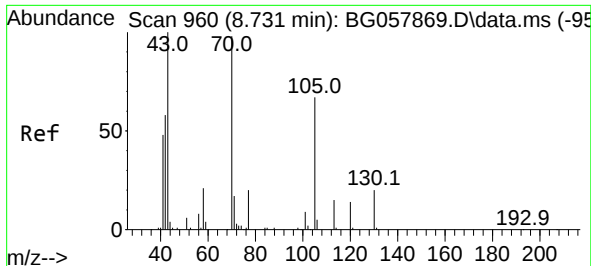
Tgt Ion: 99 Resp: 255068
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 29.1 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.083 min Scan# 680
Delta R.T. 0.021 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

Tgt Ion: 77 Resp: 233
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

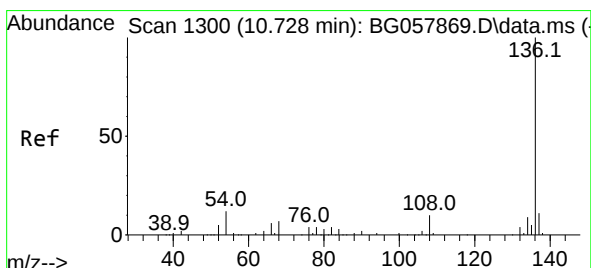
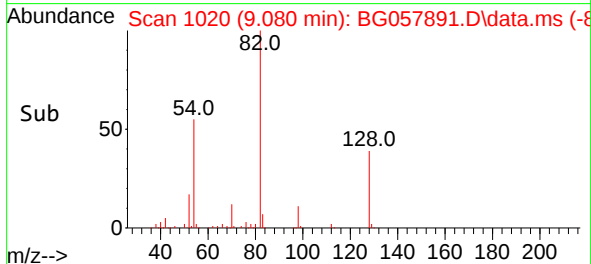
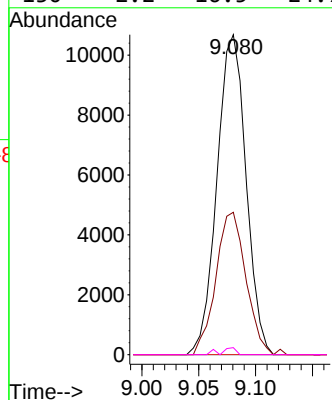
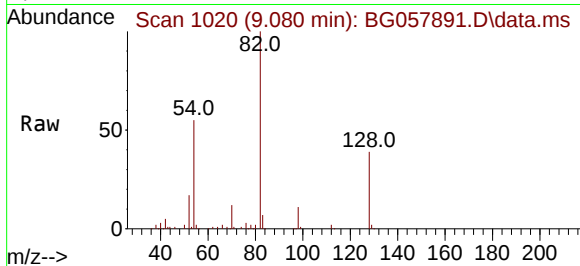




#19
n-Nitroso-di-n-propylamine
Concen: 4.545 ng
RT: 9.080 min Scan# 1020
Delta R.T. 0.350 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

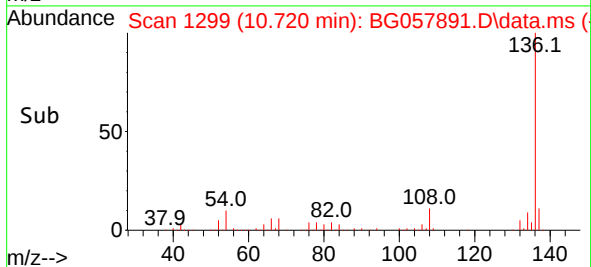
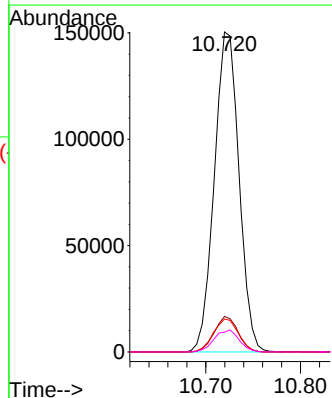
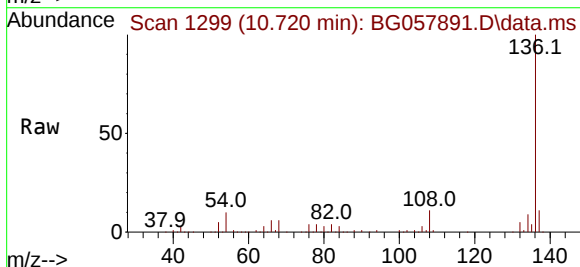
Instrument :
BNA_G
ClientSampleId :
SB38

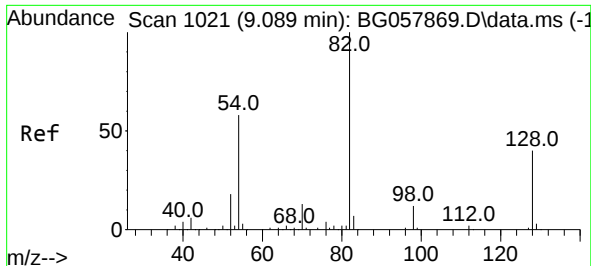
Tgt Ion:	70	Resp:	18975
Ion	Ratio	Lower	Upper
70	100		
42	44.5	48.4	72.6#
101	0.0	7.2	10.8#
130	2.2	16.5	24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

Tgt Ion:	136	Resp:	272388
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.3	9.3	13.9
68	6.2	5.9	8.9

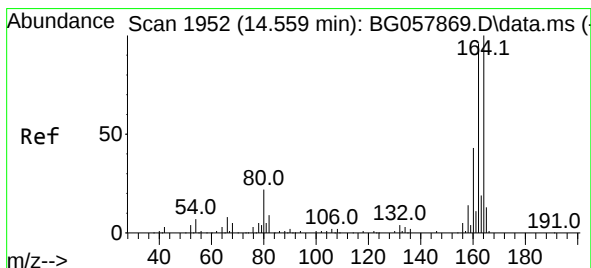
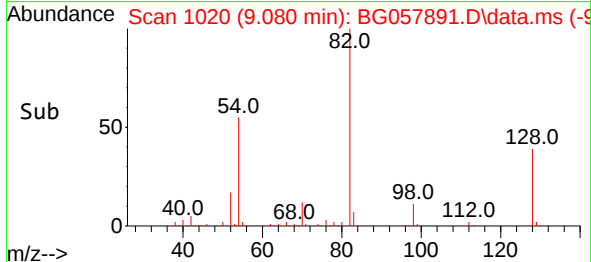
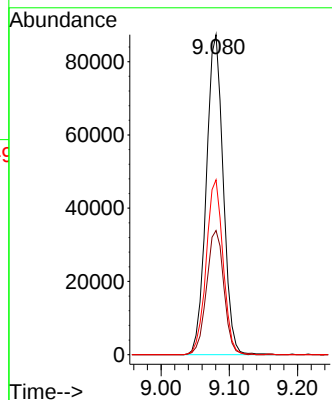
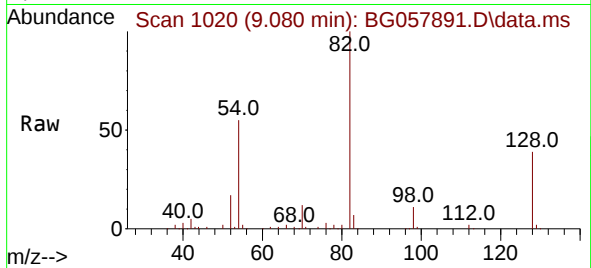




#23
Nitrobenzene-d5
Concen: 27.092 ng
RT: 9.080 min Scan# 1021
Delta R.T. -0.009 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

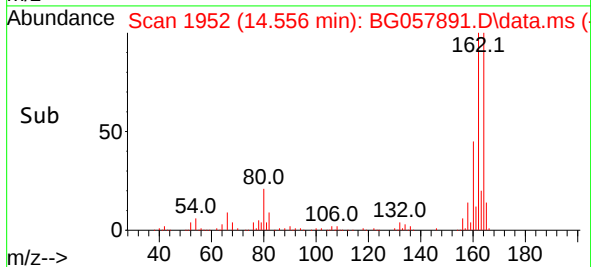
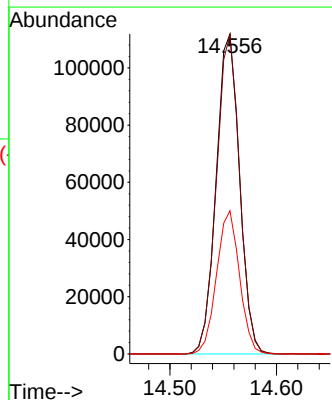
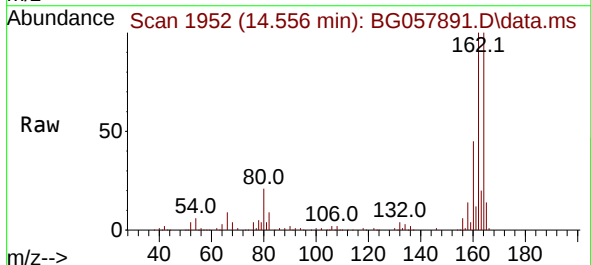
Instrument :
BNA_G
ClientSampleId :
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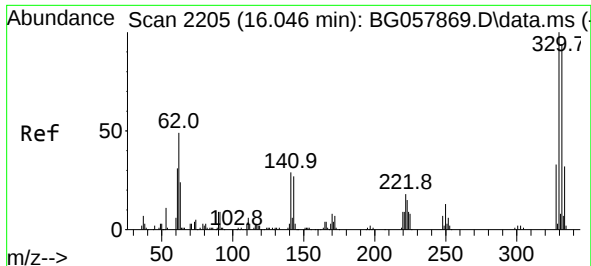
Tgt Ion: 82 Resp: 150579
Ion Ratio Lower Upper
82 100
128 38.8 32.2 48.4
54 54.6 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.003 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

Tgt Ion:164 Resp: 169879
Ion Ratio Lower Upper
164 100
162 99.7 76.4 114.6
160 44.8 34.2 51.2

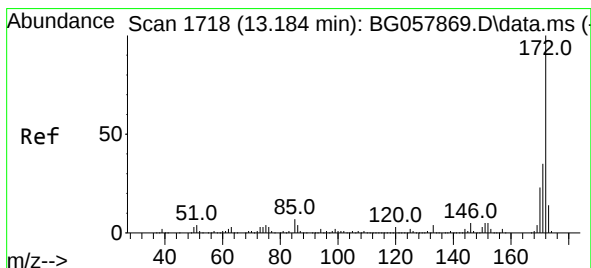
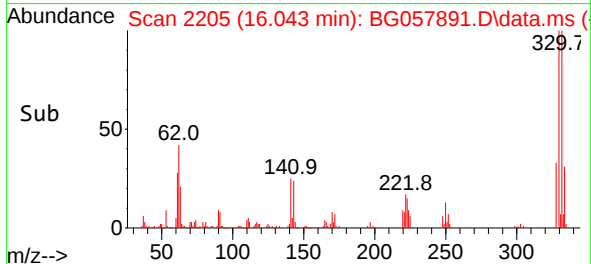
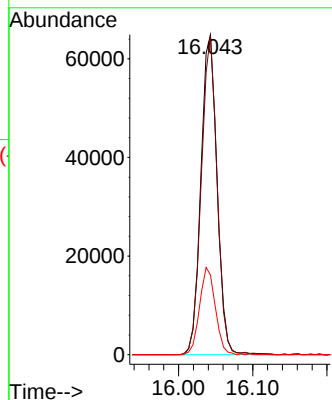
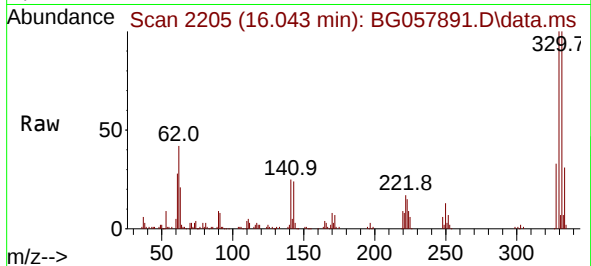




#42
2,4,6-Tribromophenol
Concen: 34.391 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

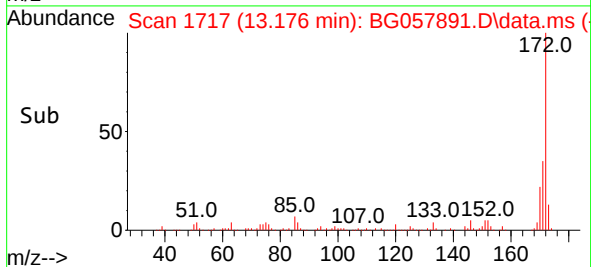
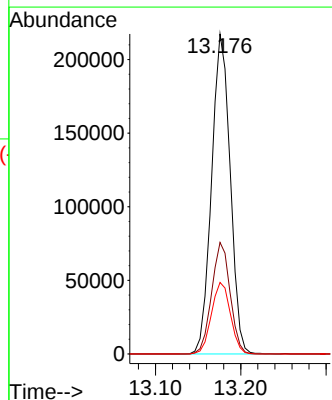
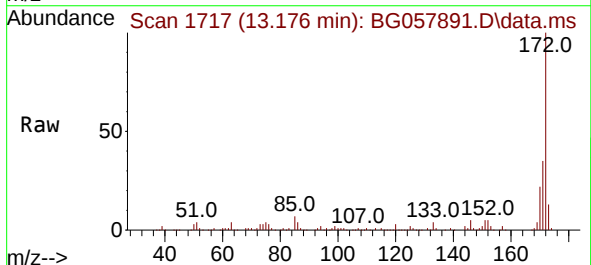
Instrument :
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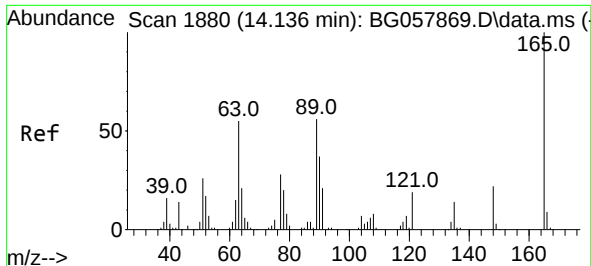
Tgt Ion:330 Resp: 98128
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 26.6 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 29.643 ng
RT: 13.176 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

Tgt Ion:172 Resp: 329986
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 22.3 18.6 27.8

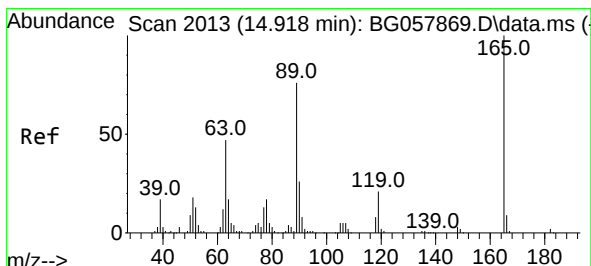
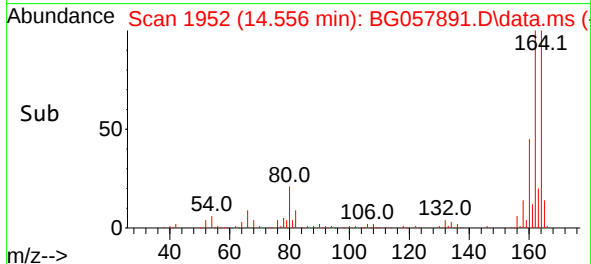
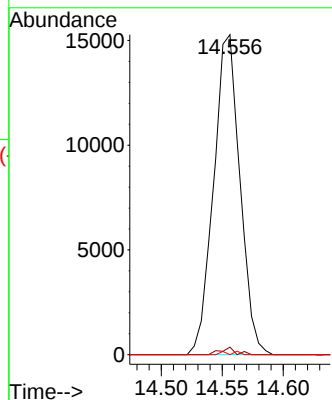
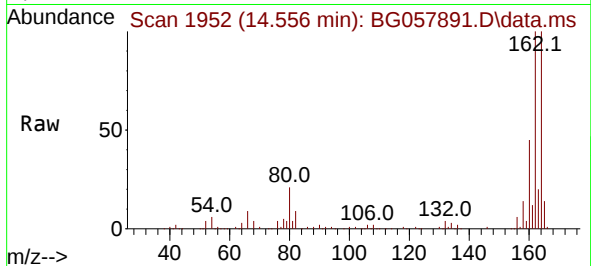




#51
2,6-Dinitrotoluene
Concen: 8.211 ng
RT: 14.556 min Scan# 1952
Delta R.T. 0.420 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

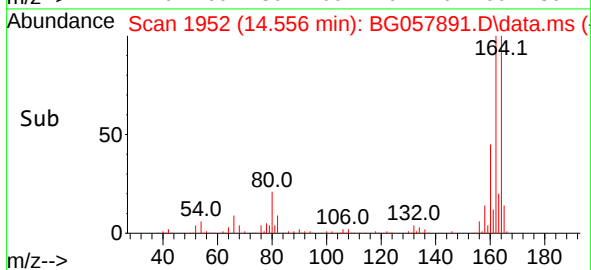
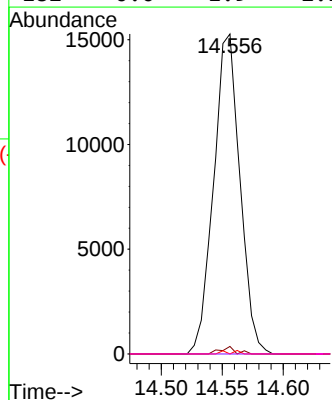
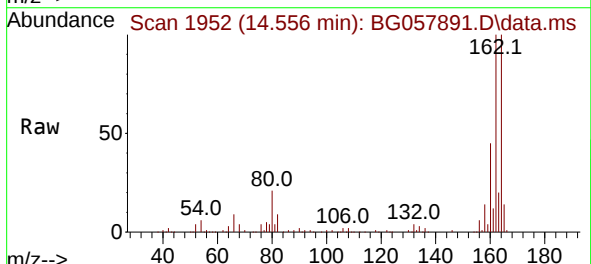
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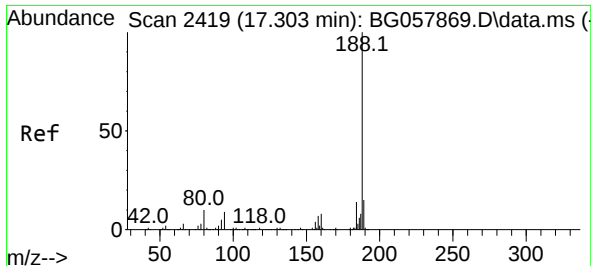
Tgt Ion:165 Resp: 22954
Ion Ratio Lower Upper
165 100
63 2.4 46.4 69.6#
89 0.0 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.659 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.361 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

Tgt Ion:165 Resp: 22954
Ion Ratio Lower Upper
165 100
63 2.4 37.6 56.4#
89 0.0 61.0 91.4#
182 0.0 1.9 2.9#

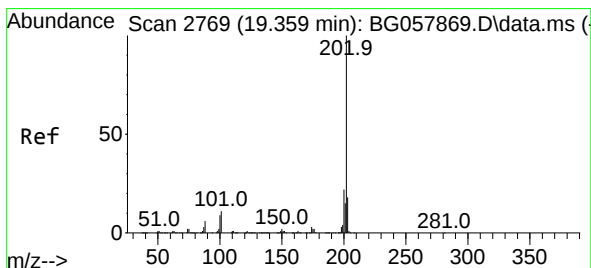
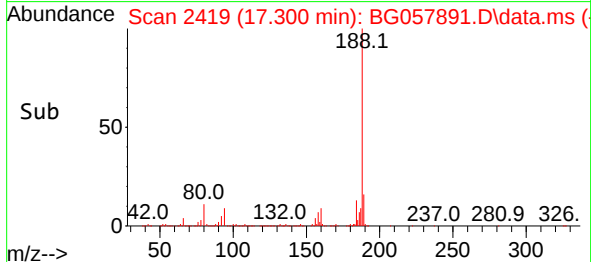
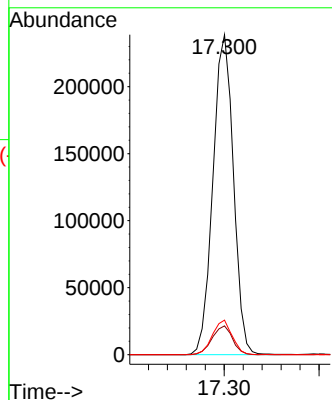
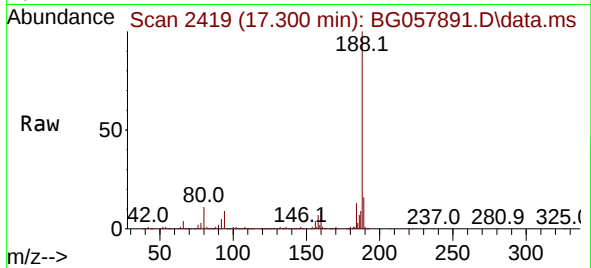




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.300 min Scan# 2419
Delta R.T. -0.003 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

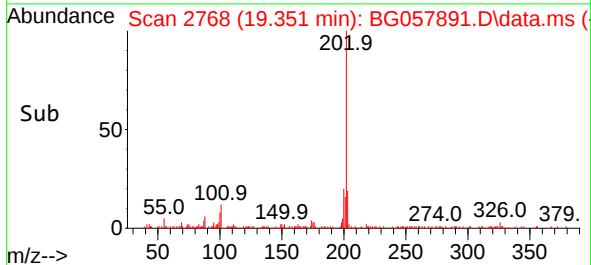
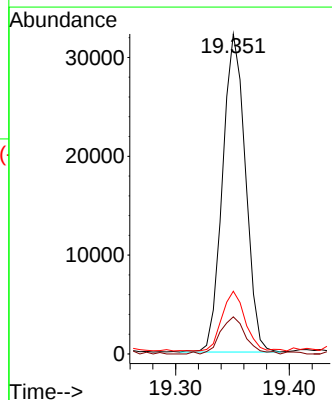
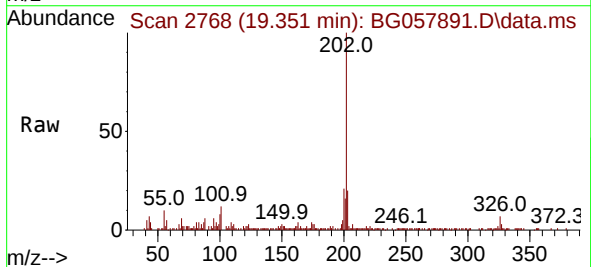
Instrument :
BNA_G
ClientSampleId :
SB38

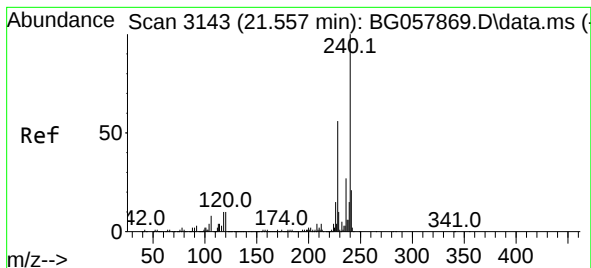
Tgt Ion:188 Resp: 358001
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.8 8.4 12.6



#75
Fluoranthene
Concen: 2.084 ng
RT: 19.351 min Scan# 2768
Delta R.T. -0.009 min
Lab File: BG057891.D
Acq: 28 Jun 2023 13:51

Tgt Ion:202 Resp: 45114
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.3
203 19.6 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.554 min Scan# 3143

Delta R.T. -0.003 min

Lab File: BG057891.D

Acq: 28 Jun 2023 13:51

Instrument :

BNA_G

ClientSampleId :

SB38

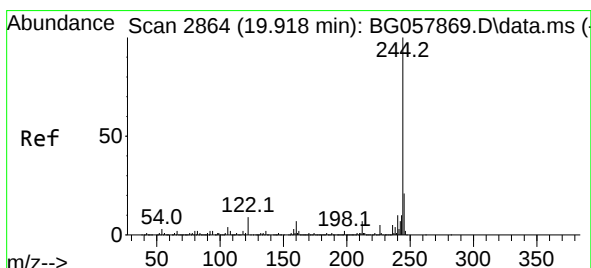
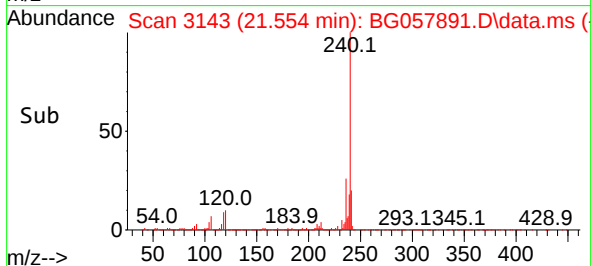
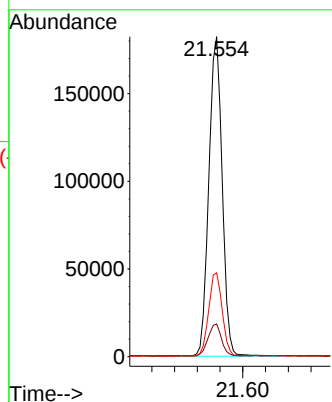
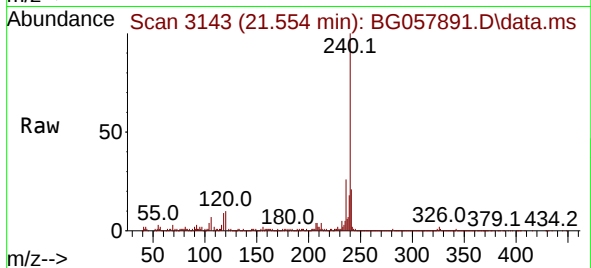
Tgt Ion:240 Resp: 295862

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

236 26.2 21.9 32.9



#79

Terphenyl-d14

Concen: 27.342 ng

RT: 19.915 min Scan# 2864

Delta R.T. -0.003 min

Lab File: BG057891.D

Acq: 28 Jun 2023 13:51

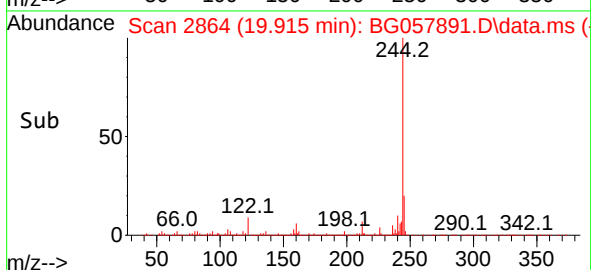
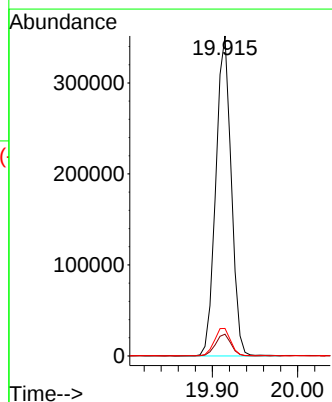
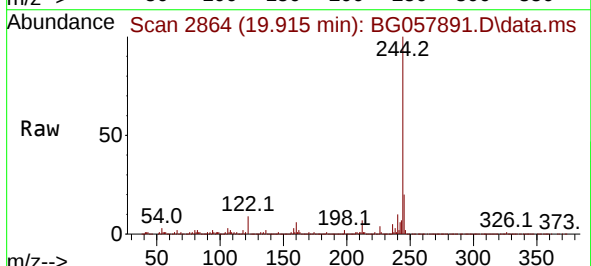
Tgt Ion:244 Resp: 443730

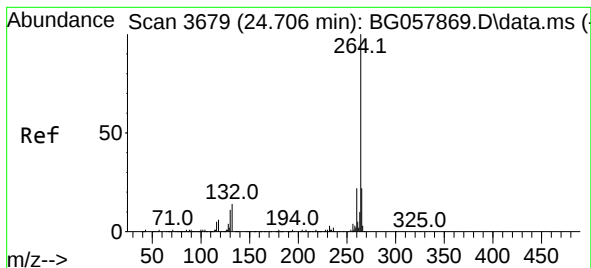
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 8.6 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.709 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG057891.D

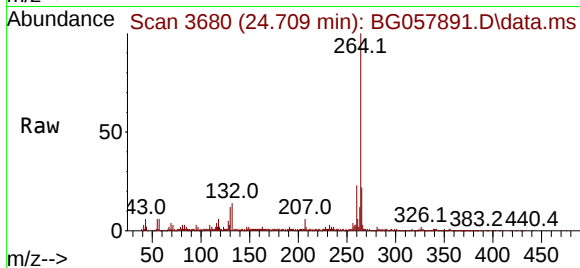
Acq: 28 Jun 2023 13:51

Instrument :

BNA_G

ClientSampleId :

SB38



Tgt Ion:264 Resp: 364253

Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.8

265 21.8 17.3 25.9

