

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058583.D
 Acq On : 2 Aug 2023 18:10
 Operator : MA/JU
 Sample : 03813-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PLAUDERVILLE-3

Quant Time: Aug 03 02:44:28 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)

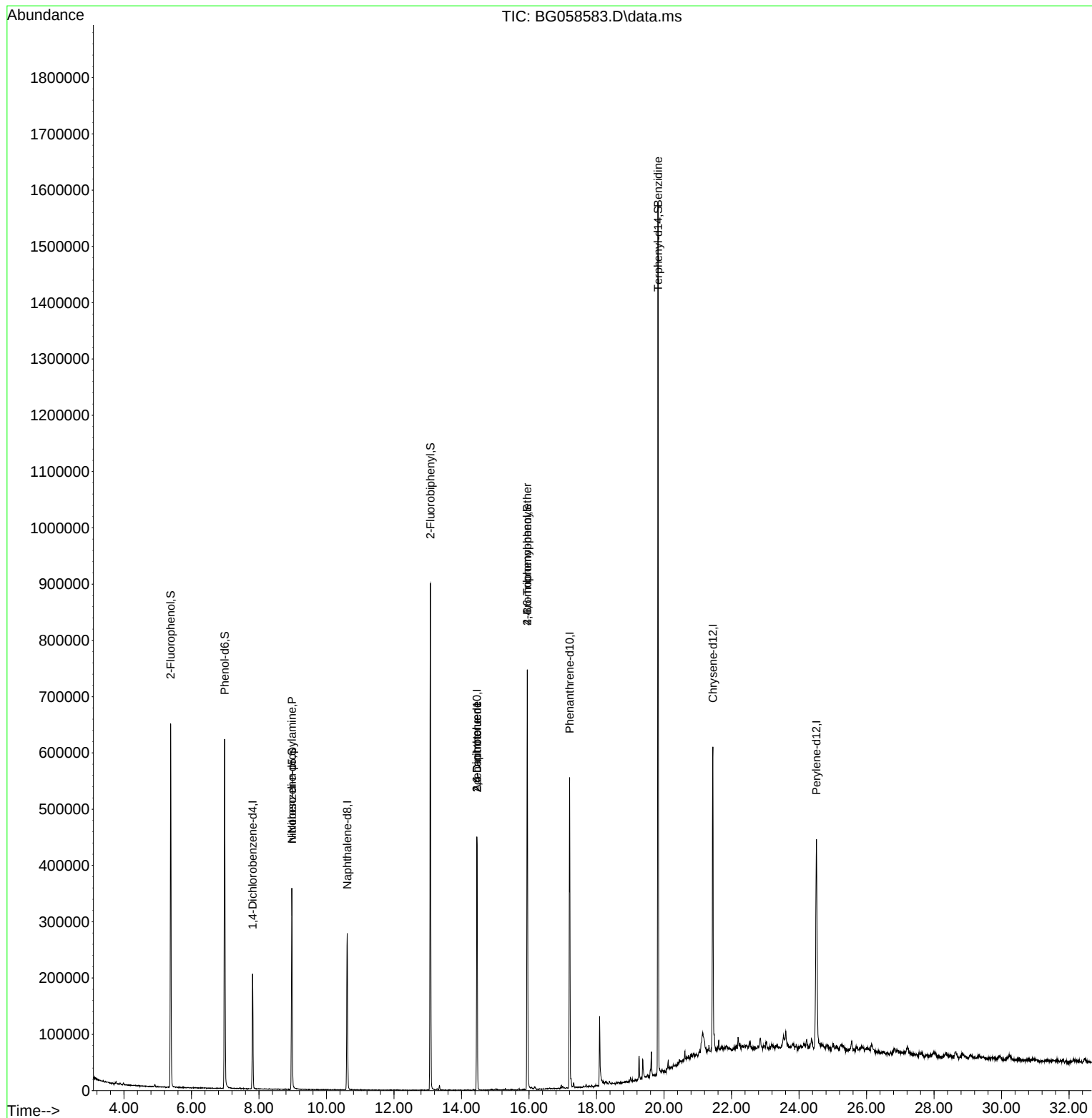
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	56572	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	242742	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	162809	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	361197	20.000	ng	0.00
76) Chrysene-d12	21.448	240	316603	20.000	ng	0.00
86) Perylene-d12	24.515	264	396833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	271825	73.441	ng	0.00
7) Phenol-d6	6.983	99	377281	73.255	ng	0.00
23) Nitrobenzene-d5	8.974	82	222319	44.992	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	166552	62.413	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	516515	47.543	ng	0.00
79) Terphenyl-d14	19.820	244	818396	48.610	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.974	70	27443	8.249	ng	Qvalue 80
51) 2,6-Dinitrotoluene	14.456	165	20939	7.805	ng	# 25
57) 2,4-Dinitrotoluene	14.456	165	20939	5.630	ng	# 25
67) 4-Bromophenyl-phenylether	15.949	248	10367	2.531	ng	# 1
77) Benzidine	19.826	184	10028	2.089	ng	# 90

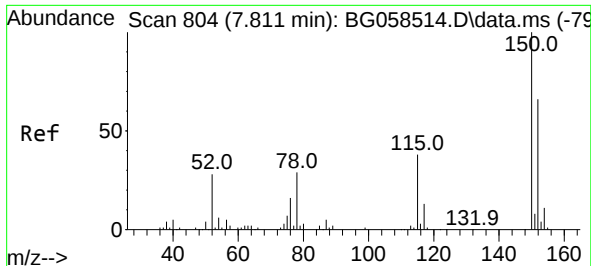
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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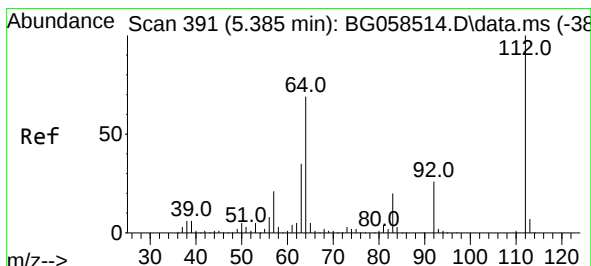
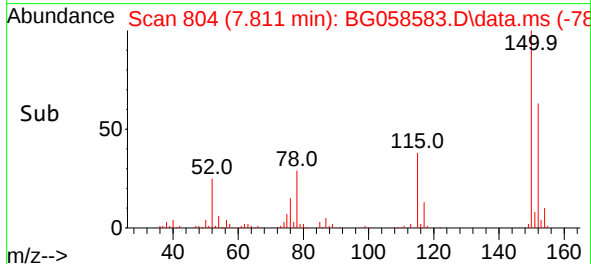
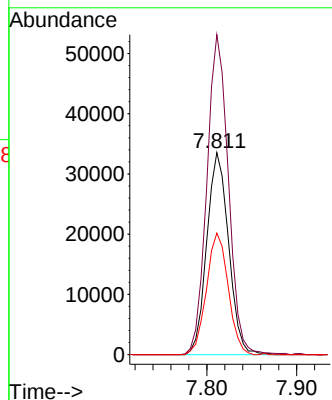
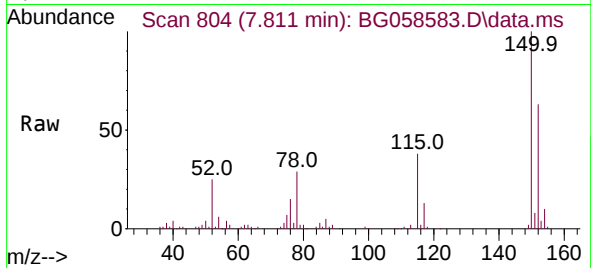




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

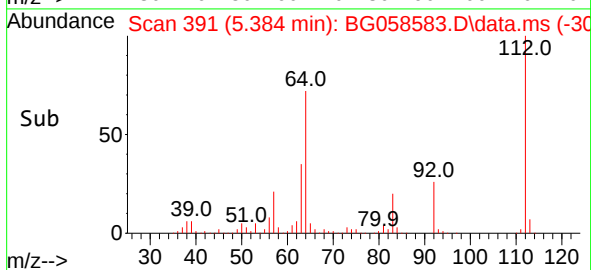
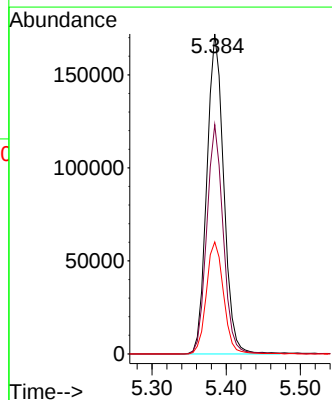
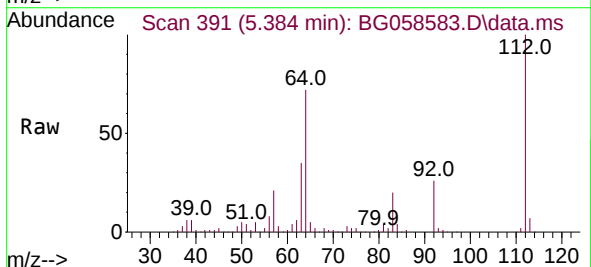
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-3

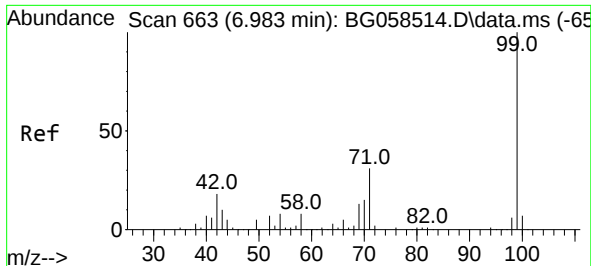
Tgt Ion:152 Resp: 56572
Ion Ratio Lower Upper
152 100
150 158.5 120.5 180.7
115 60.2 45.9 68.9



#5
2-Fluorophenol
Concen: 73.441 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

Tgt Ion:112 Resp: 271825
Ion Ratio Lower Upper
112 100
64 71.6 55.3 82.9
63 35.0 28.3 42.5

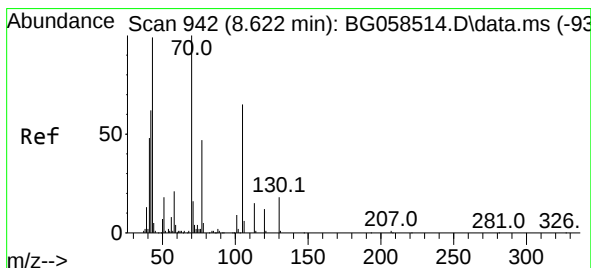
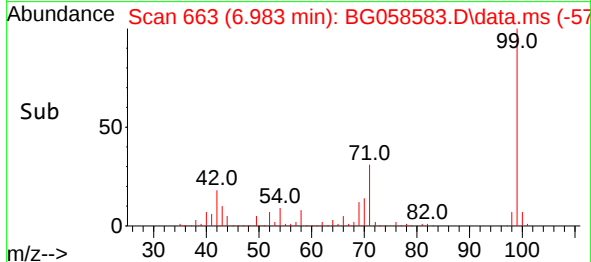
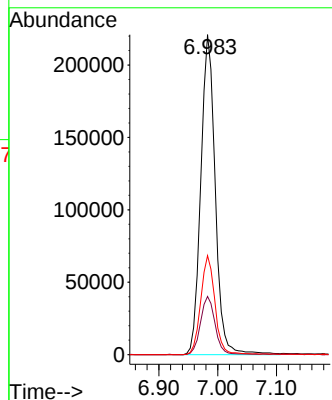
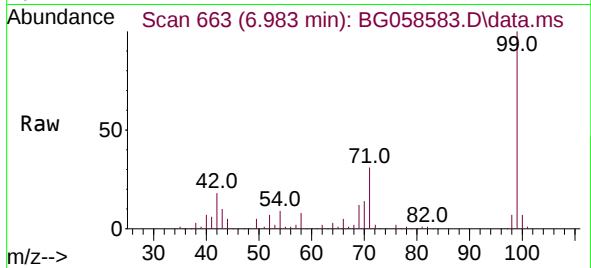




#7
Phenol-d6
Concen: 73.255 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

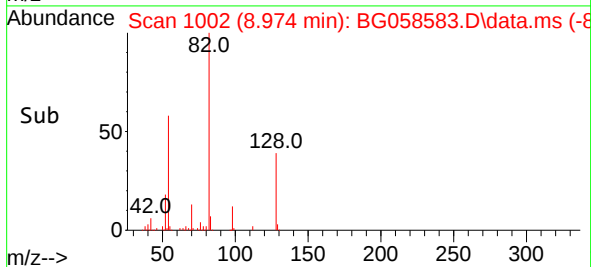
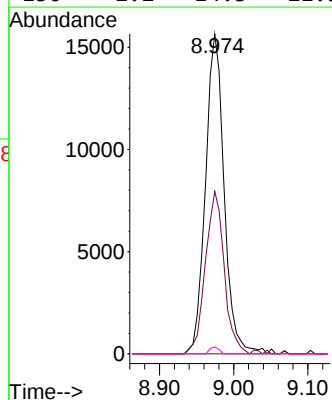
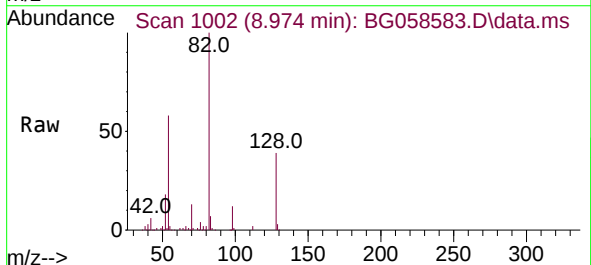
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-3

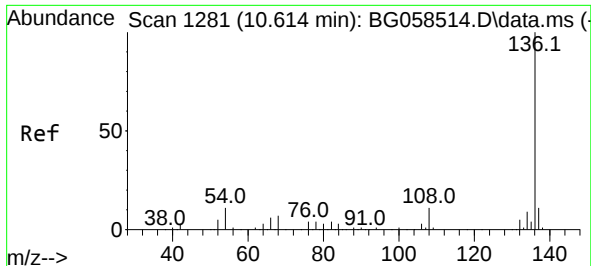
Tgt Ion: 99 Resp: 377281
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 30.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.249 ng
RT: 8.974 min Scan# 1002
Delta R.T. 0.352 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

Tgt Ion: 70 Resp: 27443
Ion Ratio Lower Upper
70 100
42 50.8 49.7 74.5
101 0.0 7.0 10.4#
130 2.2 14.3 21.5#

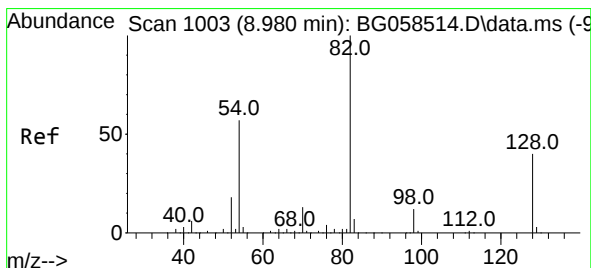
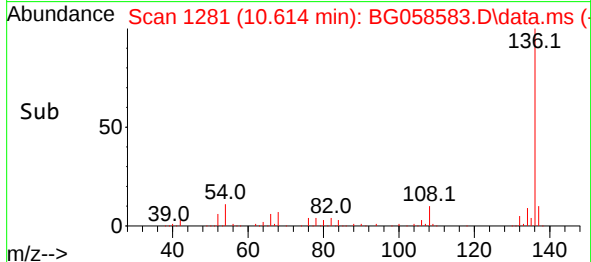
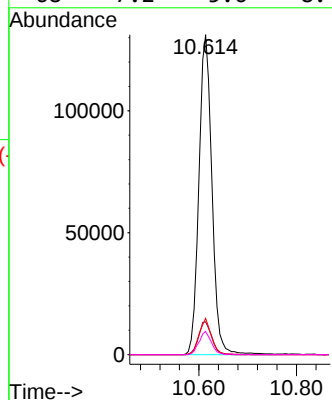
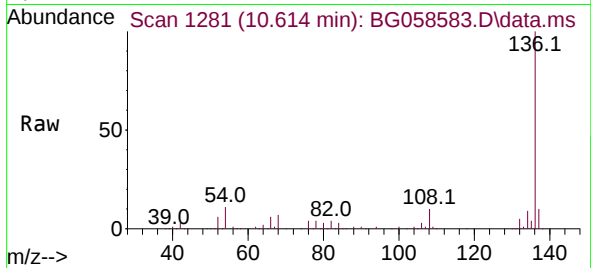




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

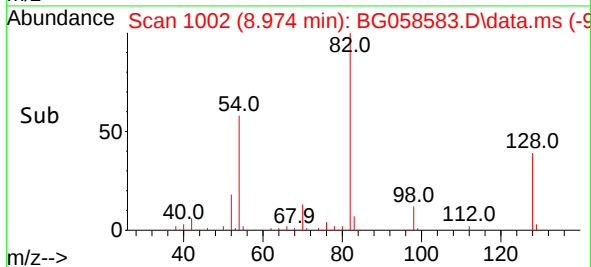
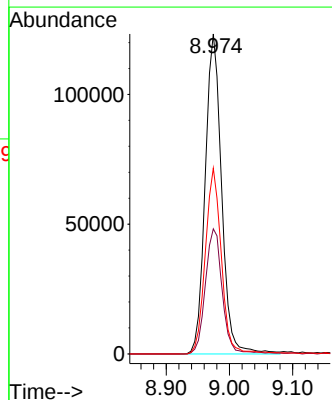
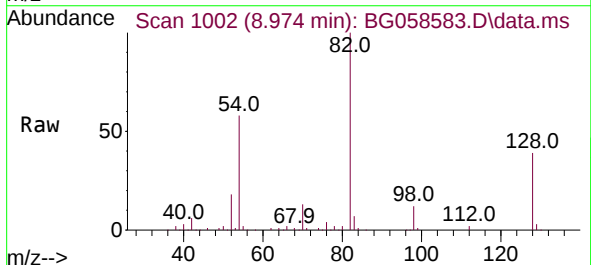
Instrument :
BNA_G
ClientSampleId :
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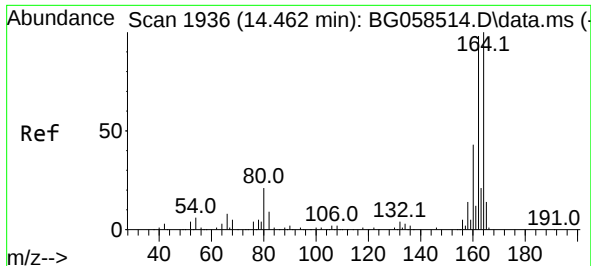
Tgt Ion:	136	Resp:	242742
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	11.3	8.9	13.3
68	7.2	5.6	8.4



#23
Nitrobenzene-d5
Concen: 44.992 ng
RT: 8.974 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

Tgt Ion:	82	Resp:	222319
Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.2	48.2
54	58.0	46.0	69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.456 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BG058583.D

Acq: 2 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PLAUDERVILLE-3

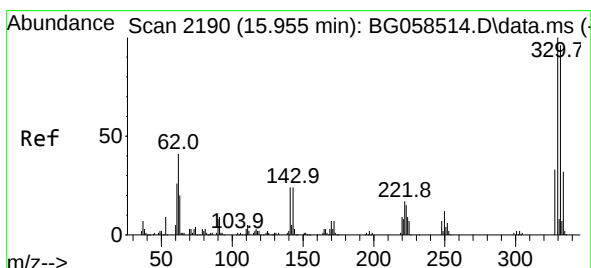
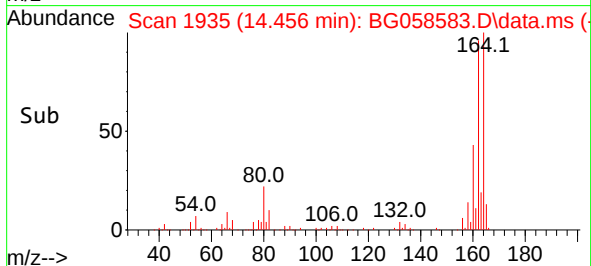
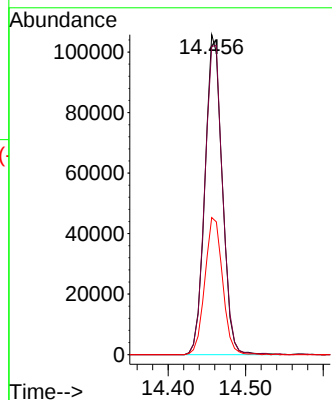
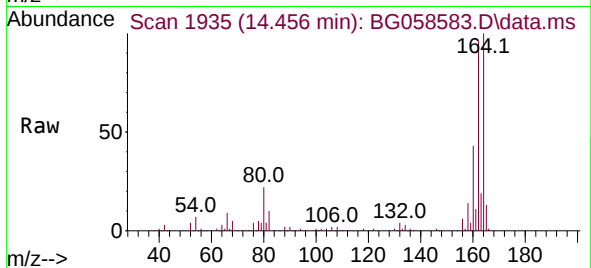
Tgt Ion:164 Resp: 162809

Ion Ratio Lower Upper

164 100

162 96.3 78.3 117.5

160 42.8 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 62.413 ng

RT: 15.949 min Scan# 2189

Delta R.T. -0.006 min

Lab File: BG058583.D

Acq: 2 Aug 2023 18:10

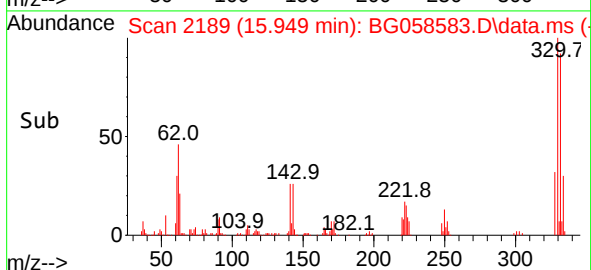
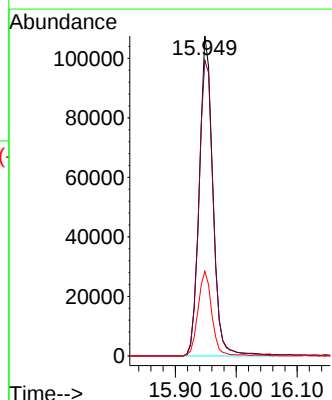
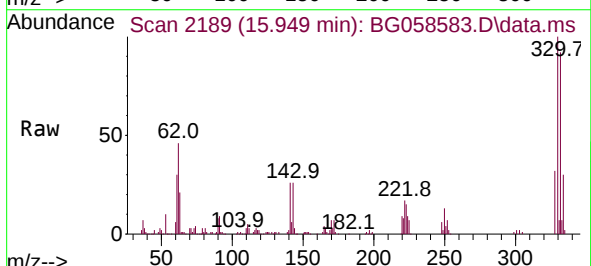
Tgt Ion:330 Resp: 166552

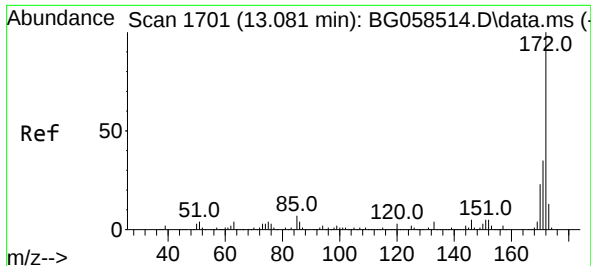
Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 26.7 20.7 31.1

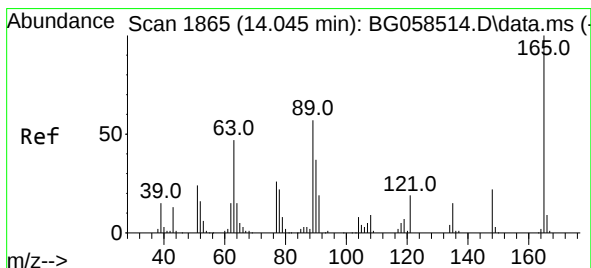
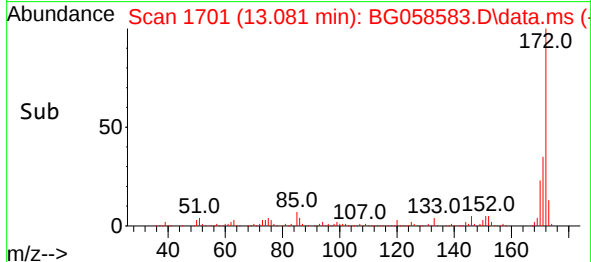
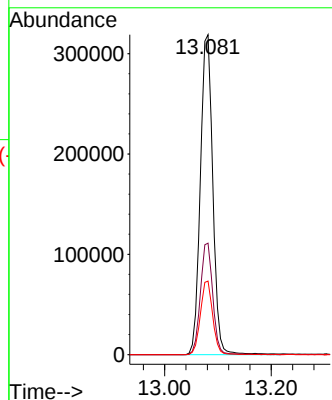
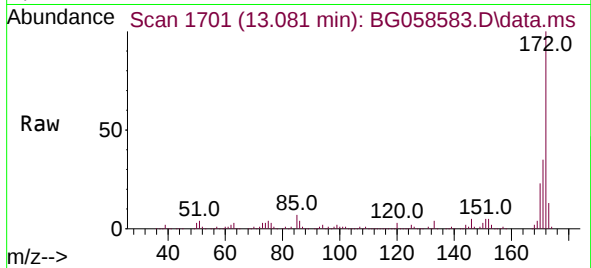




#45
2-Fluorobiphenyl
Concen: 47.543 ng
RT: 13.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

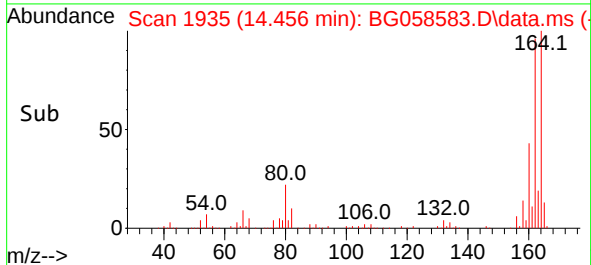
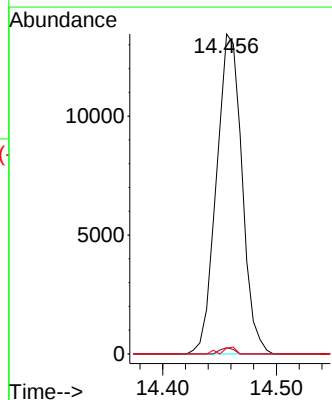
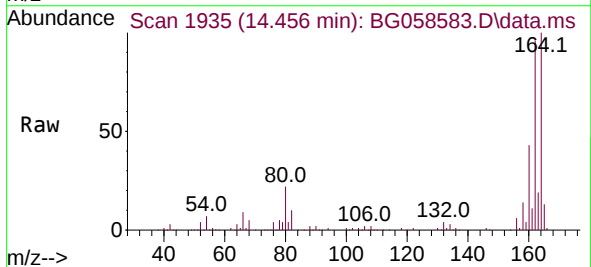
Instrument :
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ClientSampleId :
PLAUDERVILLE-3

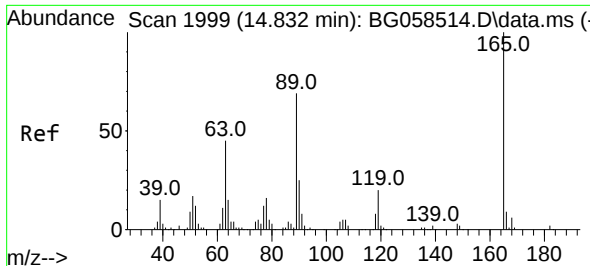
Tgt Ion:172 Resp: 516515
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.0 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.805 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

Tgt Ion:165 Resp: 20939
Ion Ratio Lower Upper
165 100
63 1.9 46.4 69.6#
89 1.8 45.3 67.9#

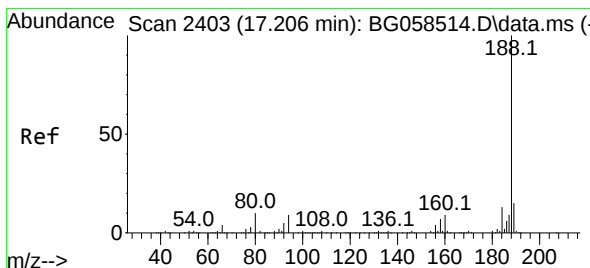
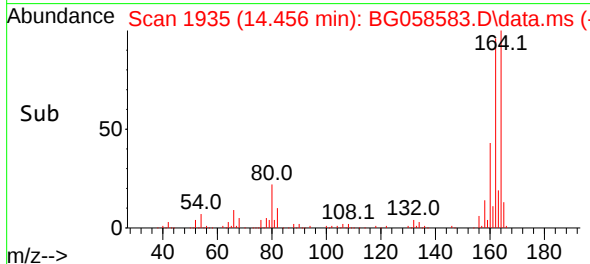
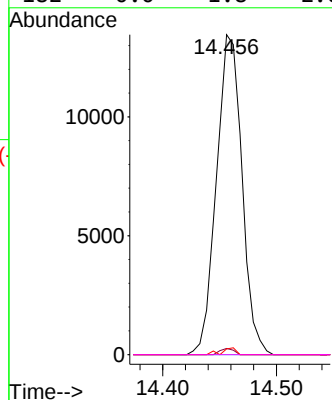
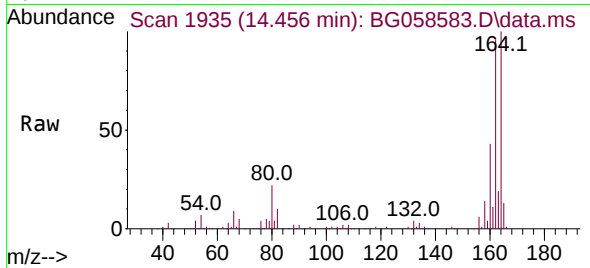




#57
2,4-Dinitrotoluene
Concen: 5.630 ng
RT: 14.456 min Scan# 1999
Delta R.T. -0.376 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

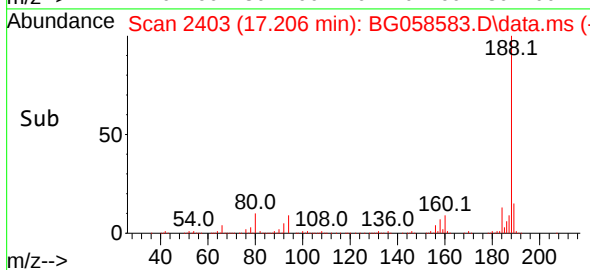
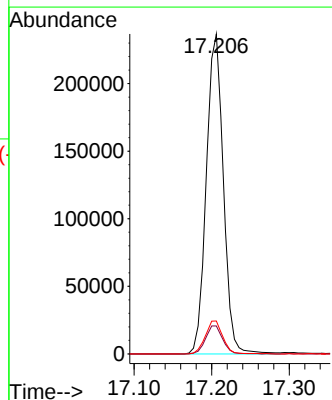
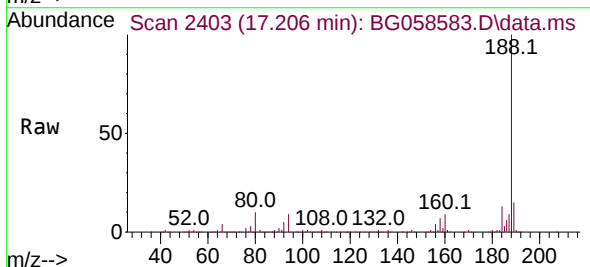
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-3

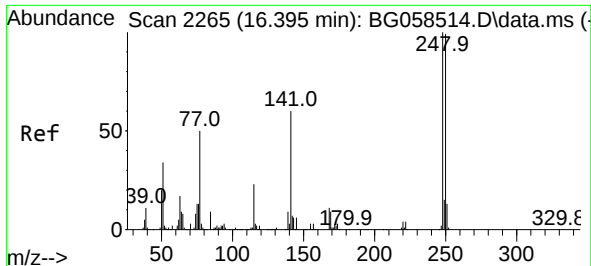
Tgt Ion:165	Resp:	20939
Ion Ratio	Lower	Upper
165	100	
63	1.9	36.6 54.8#
89	1.8	55.4 83.0#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

Tgt Ion:188	Resp:	361197
Ion Ratio	Lower	Upper
188	100	
94	8.7	7.0 10.6
80	10.3	8.1 12.1

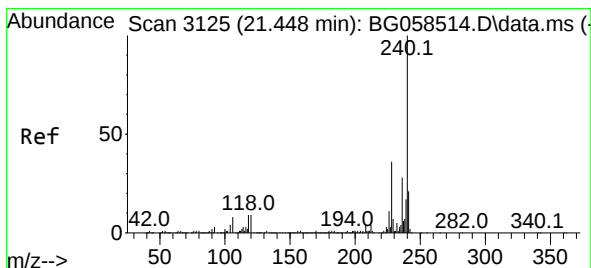
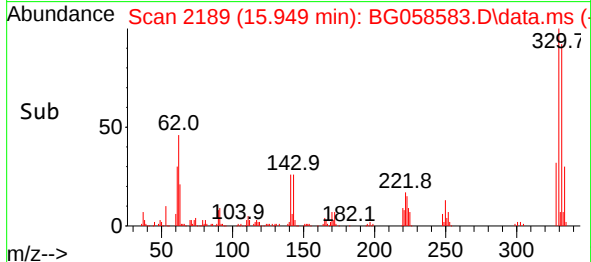
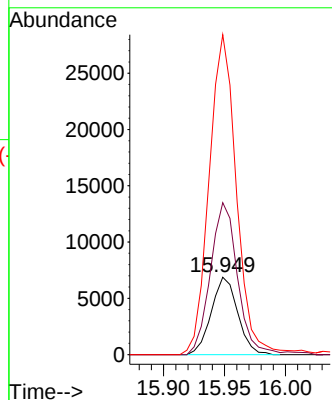
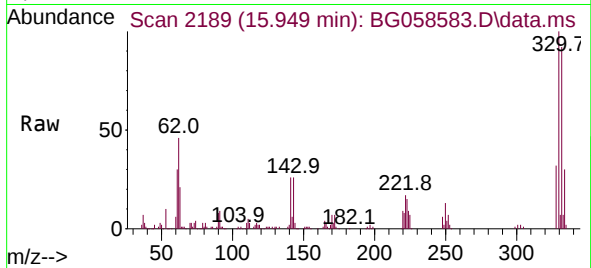




#67
4-Bromophenyl-phenylether
Concen: 2.531 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.447 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

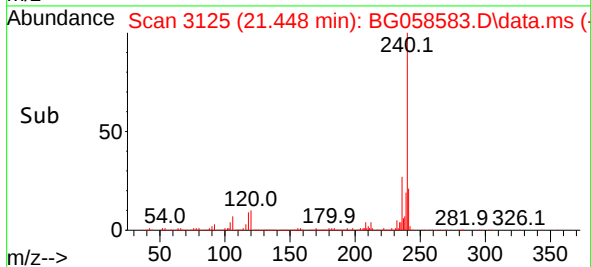
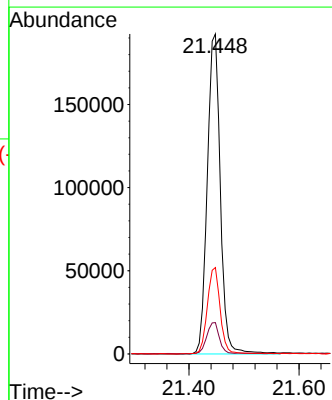
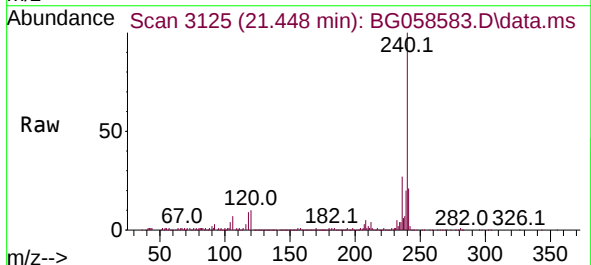
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-3

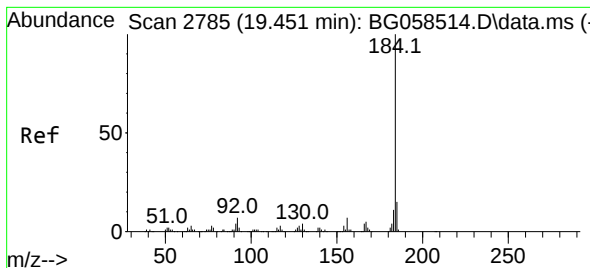
Tgt Ion:248 Resp: 10367
Ion Ratio Lower Upper
248 100
250 196.5 79.5 119.3#
141 414.0 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058583.D
Acq: 2 Aug 2023 18:10

Tgt Ion:240 Resp: 316603
Ion Ratio Lower Upper
240 100
120 9.8 7.4 11.0
236 27.0 22.2 33.4





#77

Benzidine

Concen: 2.089 ng

RT: 19.826 min Scan# 2849

Delta R.T. 0.376 min

Lab File: BG058583.D

Acq: 2 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PLAUDERVILLE-3

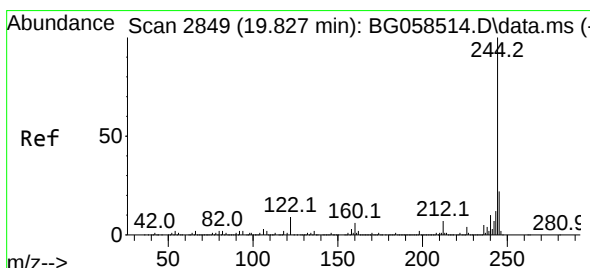
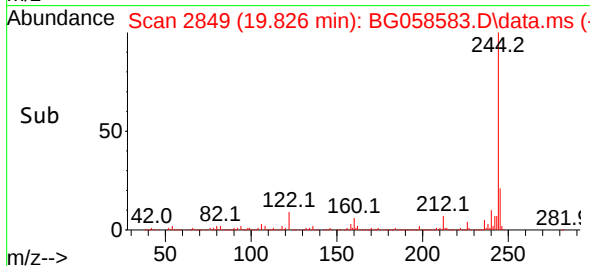
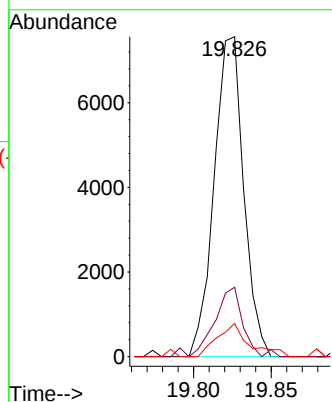
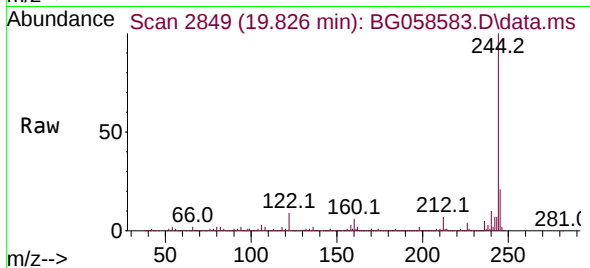
Tgt Ion:184 Resp: 10028

Ion Ratio Lower Upper

184 100

185 21.7 11.9 17.9#

183 10.3 8.7 13.1



#79

Terphenyl-d14

Concen: 48.610 ng

RT: 19.820 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BG058583.D

Acq: 2 Aug 2023 18:10

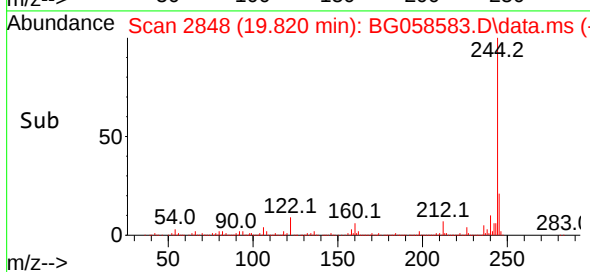
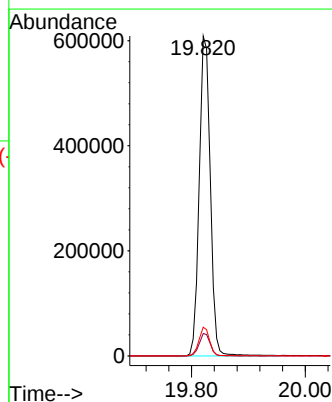
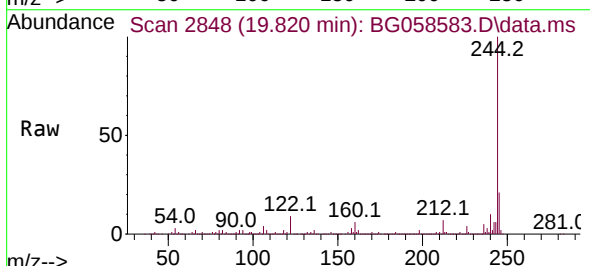
Tgt Ion:244 Resp: 818396

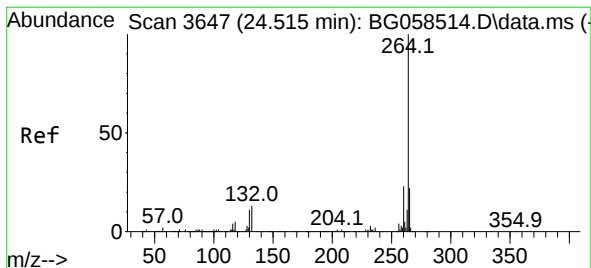
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.0 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.515 min Scan# 30

Delta R.T. -0.000 min

Lab File: BG058583.D

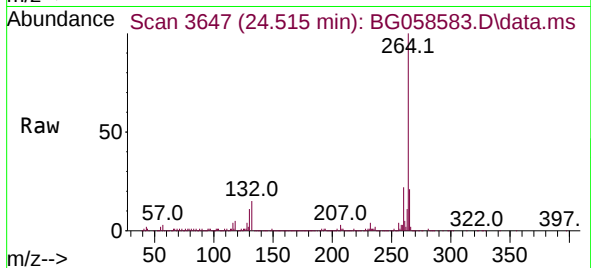
Acq: 2 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PLAUDERVILLE-3



Tgt Ion:264 Resp: 396833

Ion Ratio Lower Upper

264 100

260 22.3 18.4 27.6

265 21.4 17.9 26.9

