

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056281.D
 Acq On : 13 Jan 2023 17:15
 Operator : CG/JU
 Sample : 01125-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-1-11

Quant Time: Jan 16 00:23:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

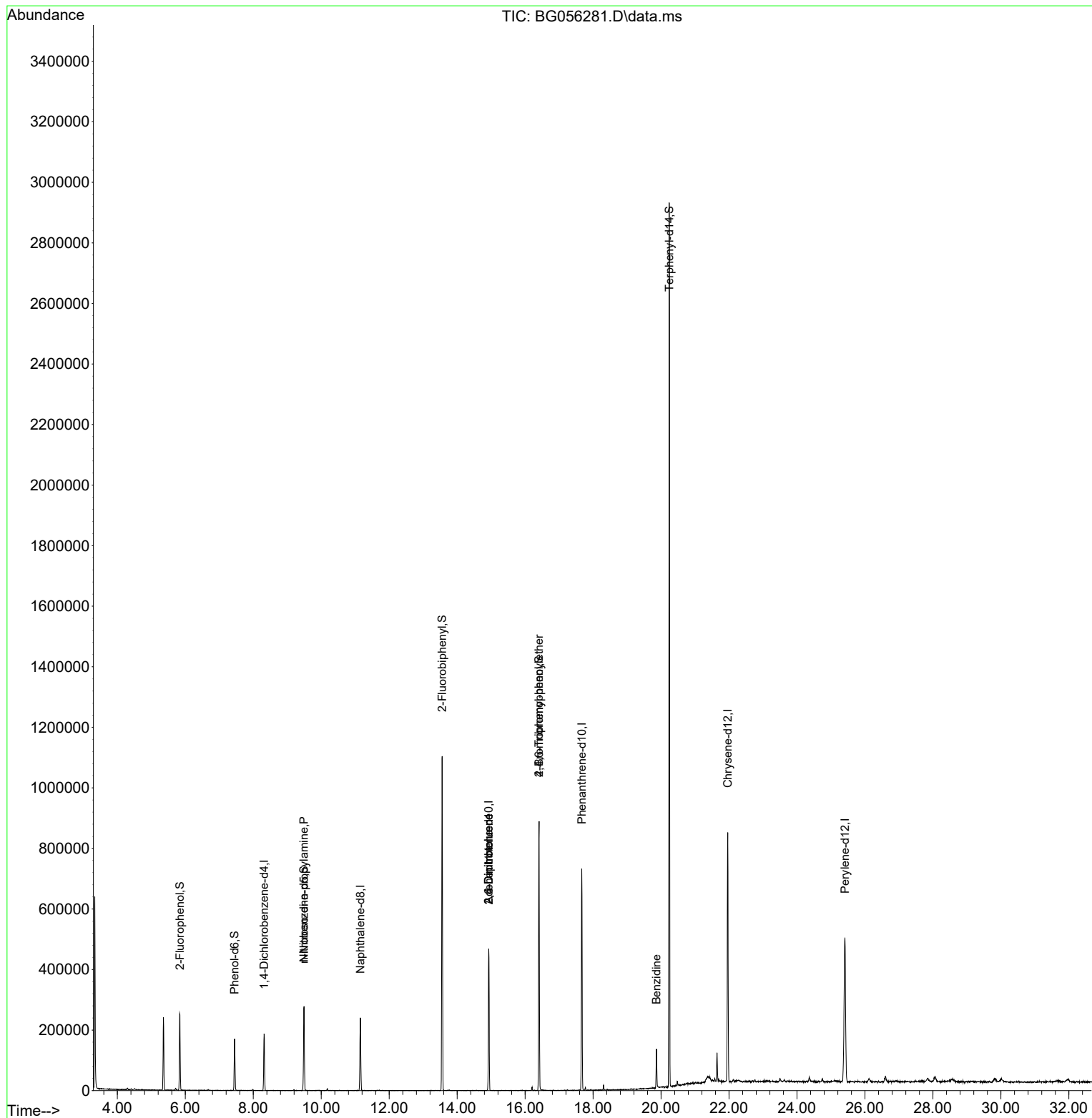
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	63039	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	225137	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	183674	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	519370	20.000	ng	0.00
76) Chrysene-d12	21.961	240	559034	20.000	ng	# 0.00
86) Perylene-d12	25.410	264	598432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	138289	39.169	ng	0.01
7) Phenol-d6	7.448	99	128791	23.753	ng	0.00
23) Nitrobenzene-d5	9.493	82	202458	45.999	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	184727	79.411	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	649522	48.832	ng	0.00
79) Terphenyl-d14	20.239	244	1595817	51.127	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.487	70	24390	7.397	ng	# 73
51) 2,6-Dinitrotoluene	14.928	165	24619	7.792	ng	# 32
57) 2,4-Dinitrotoluene	14.928	165	24619	5.572	ng	# 29
67) 4-Bromophenyl-phenylether	16.408	248	16116	2.437	ng	# 1
77) Benzidine	19.863	184	89640	4.576	ng	97

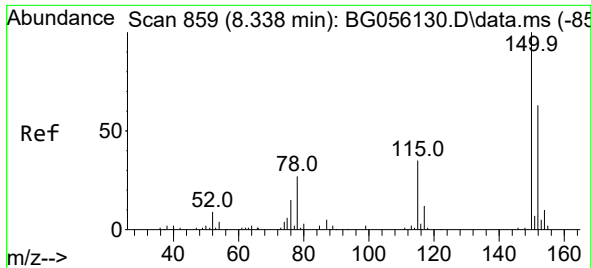
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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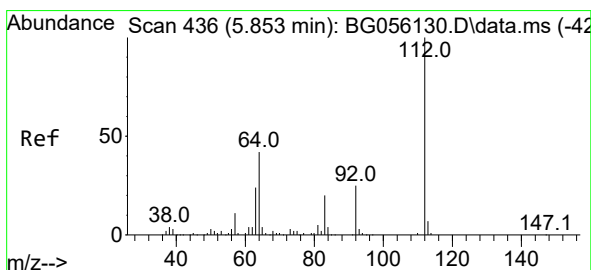
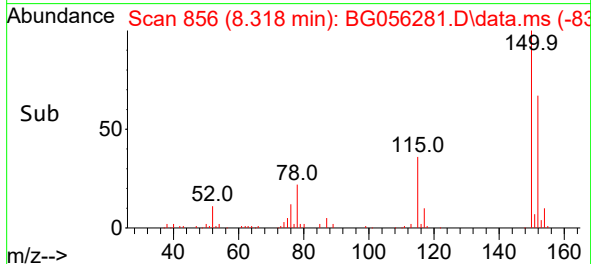
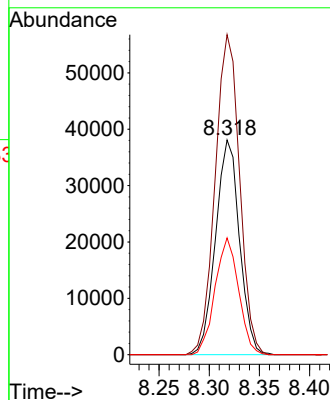
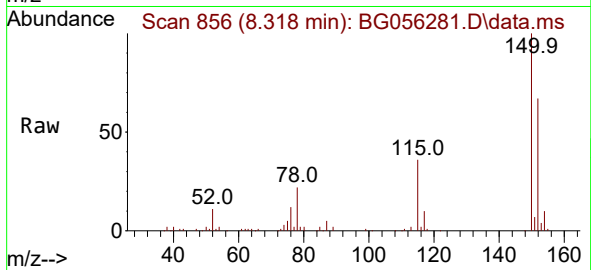




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

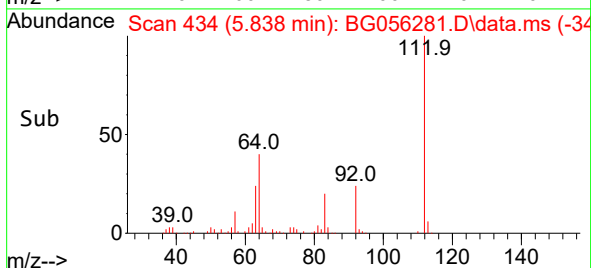
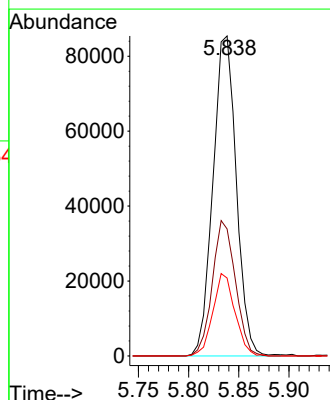
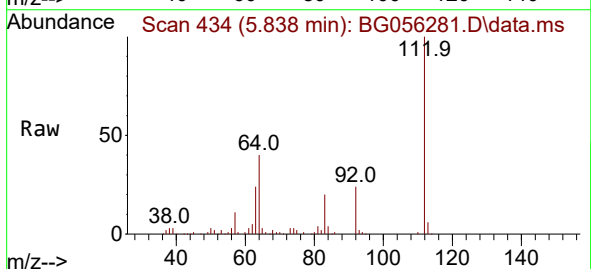
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

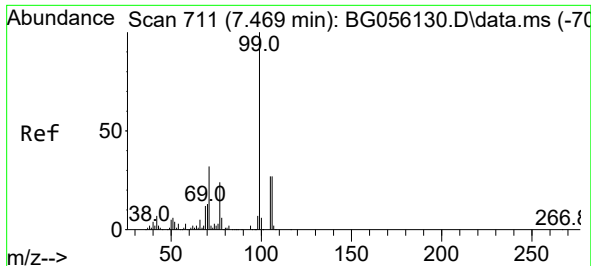
Tgt Ion:152 Resp: 63039
Ion Ratio Lower Upper
152 100
150 149.0 127.9 191.9
115 54.4 44.2 66.2



#5
2-Fluorophenol
Concen: 39.169 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.013 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

Tgt Ion:112 Resp: 138289
Ion Ratio Lower Upper
112 100
64 39.7 33.3 49.9
63 24.4 19.0 28.4

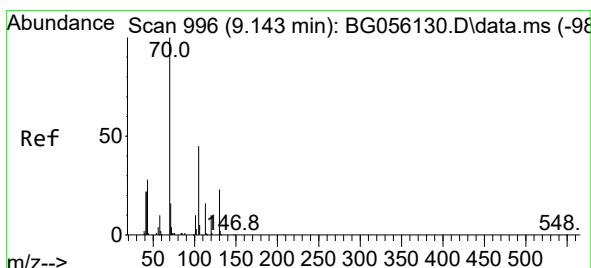
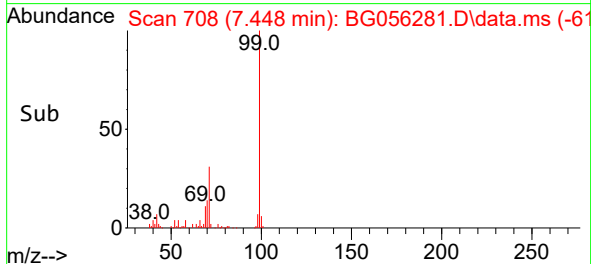
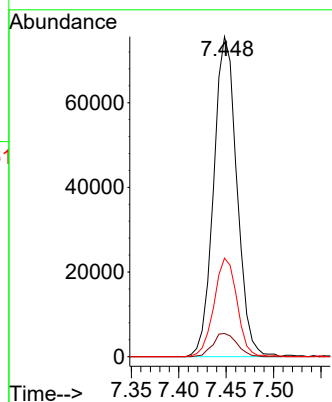
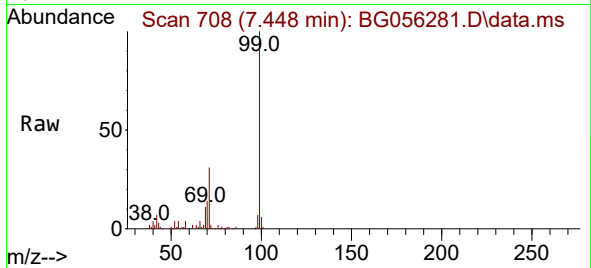




#7
Phenol-d6
Concen: 23.753 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

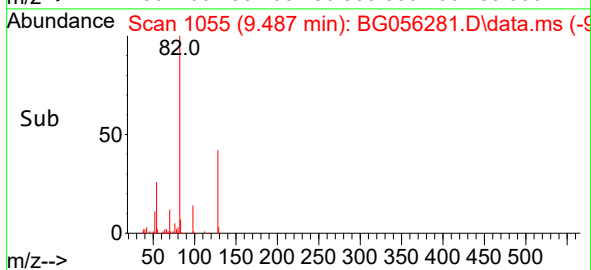
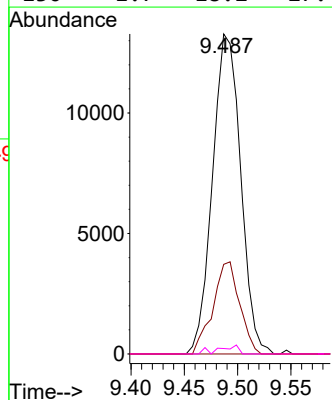
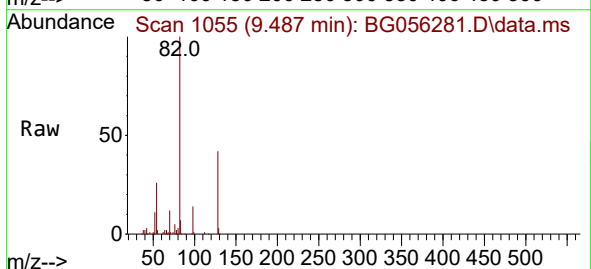
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

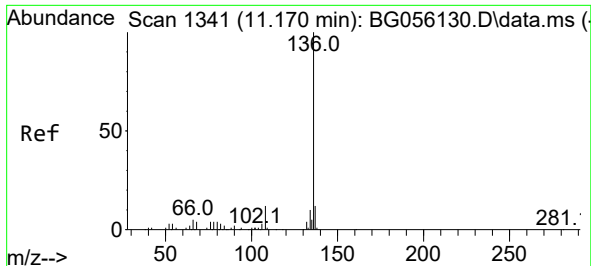
Tgt Ion: 99 Resp: 128791
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 30.8 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 7.397 ng
RT: 9.487 min Scan# 1055
Delta R.T. 0.371 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

Tgt Ion: 70 Resp: 24390
Ion Ratio Lower Upper
70 100
42 28.0 18.2 27.2#
101 0.0 8.3 12.5#
130 1.7 18.2 27.4#

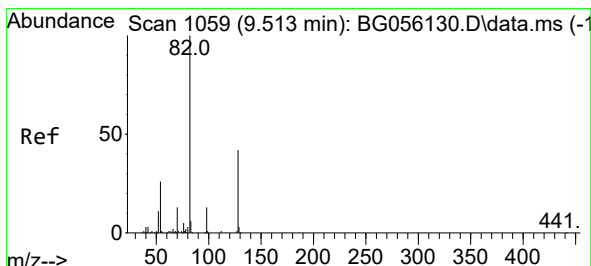
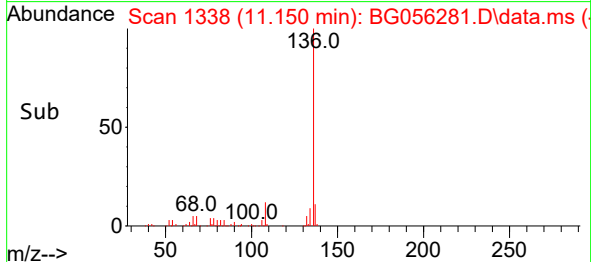
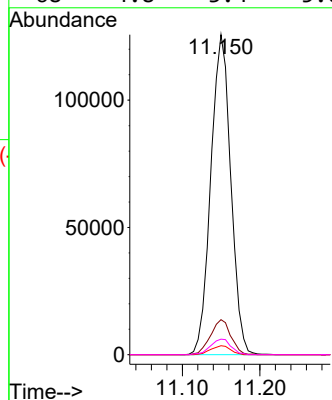
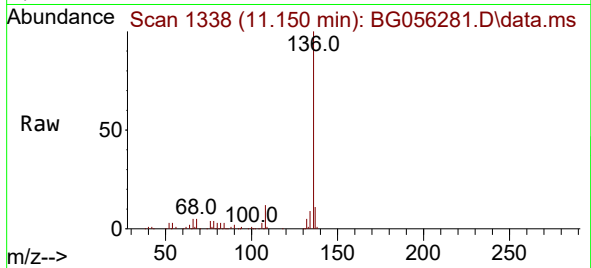




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

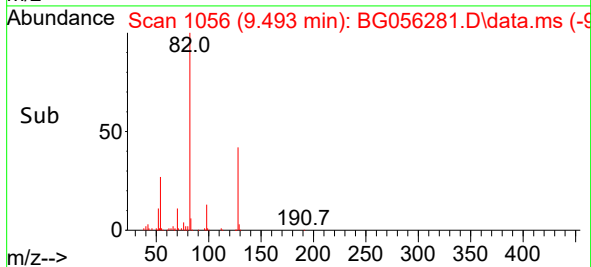
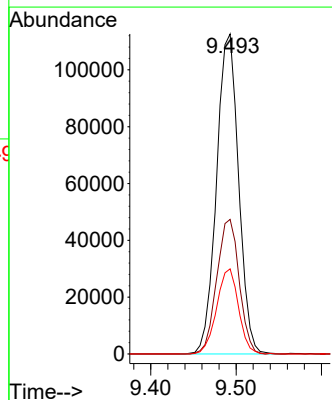
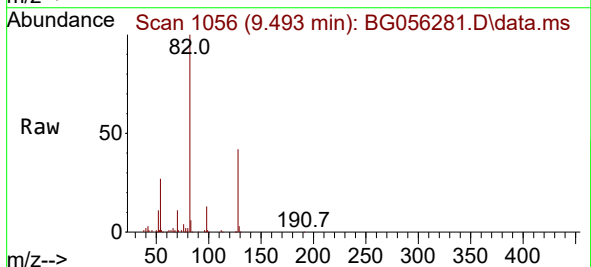
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

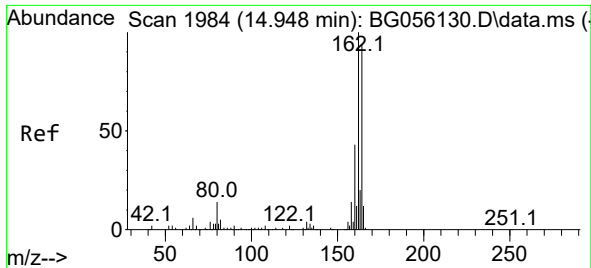
Tgt Ion:	136	Resp:	225137
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.0
54	2.8	2.2	3.2
68	4.8	3.4	5.0



#23
Nitrobenzene-d5
Concen: 45.999 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

Tgt Ion:	82	Resp:	202458
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.2
54	26.6	20.3	30.5

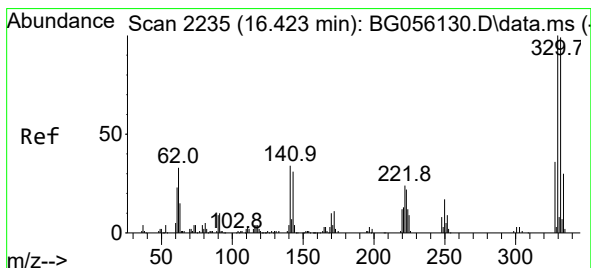
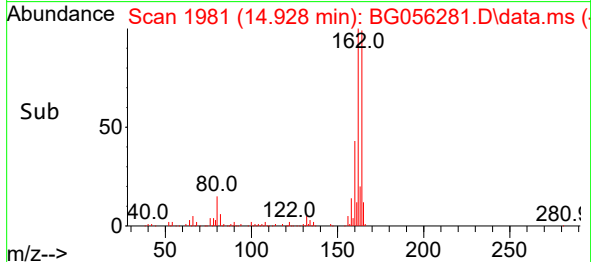
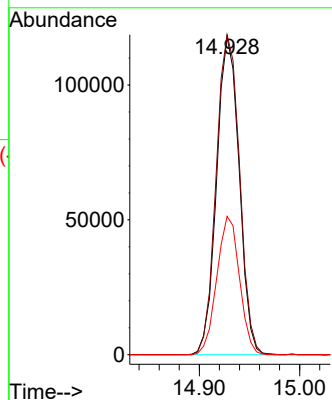
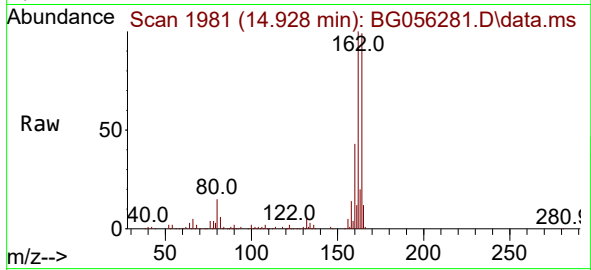




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.928 min Scan# 1981
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

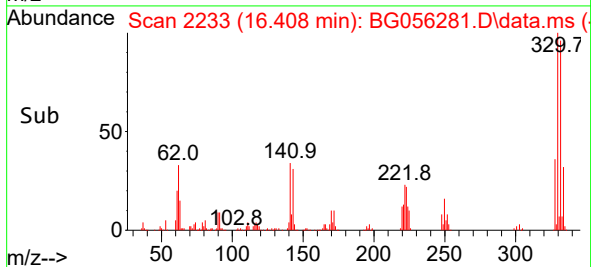
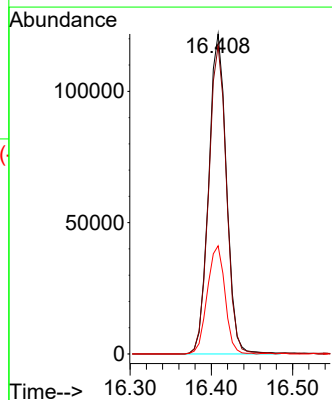
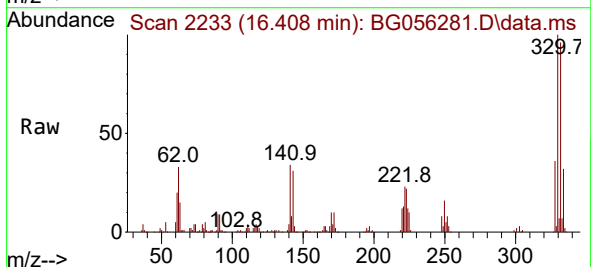
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

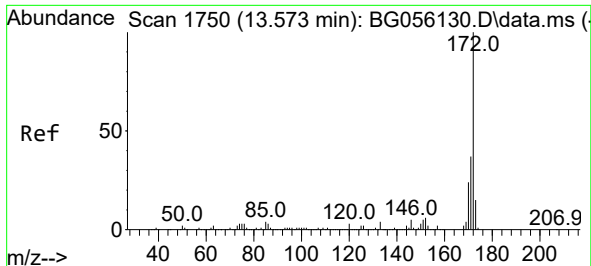
Tgt Ion:164 Resp: 183674
Ion Ratio Lower Upper
164 100
162 100.7 84.7 127.1
160 43.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 79.411 ng
RT: 16.408 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

Tgt Ion:330 Resp: 184727
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.6 27.9 41.9

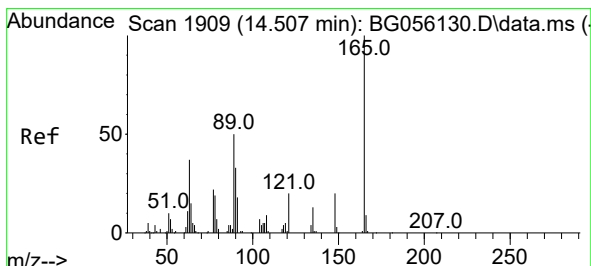
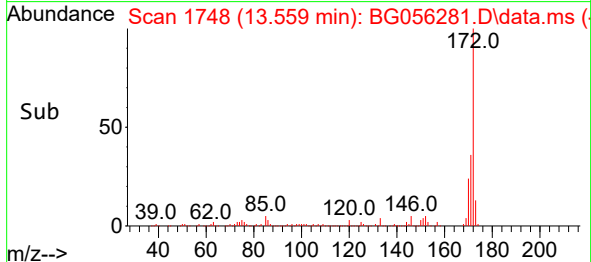
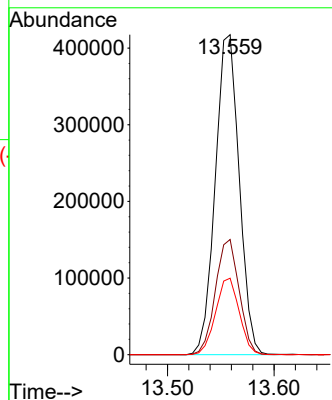
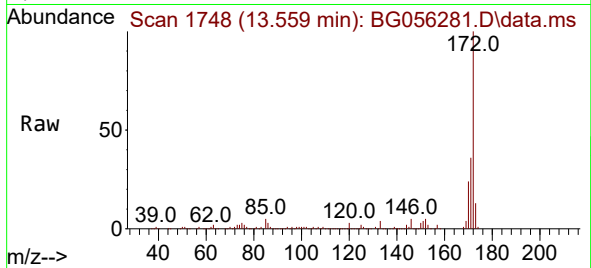




#45
2-Fluorobiphenyl
Concen: 48.832 ng
RT: 13.559 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

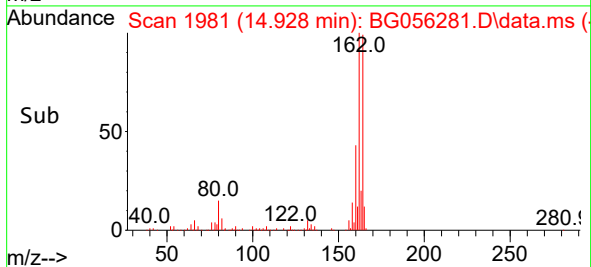
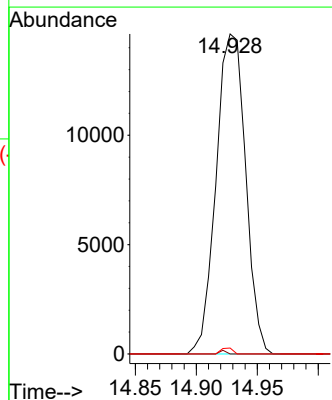
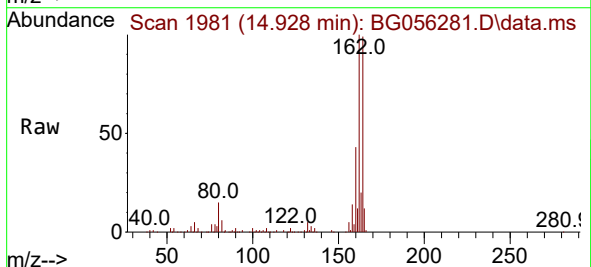
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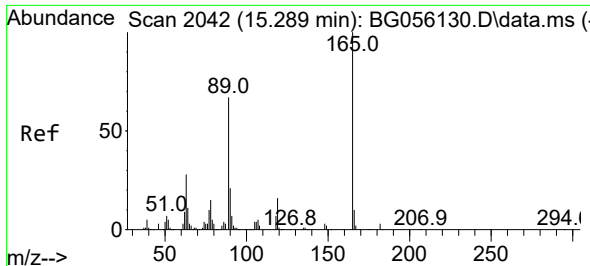
Tgt Ion:172 Resp: 649522
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.792 ng
RT: 14.928 min Scan# 1981
Delta R.T. 0.436 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

Tgt Ion:165 Resp: 24619
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.9 39.8 59.8#

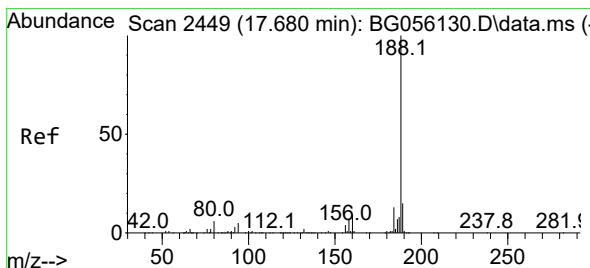
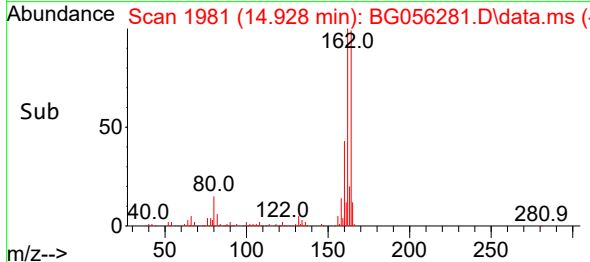
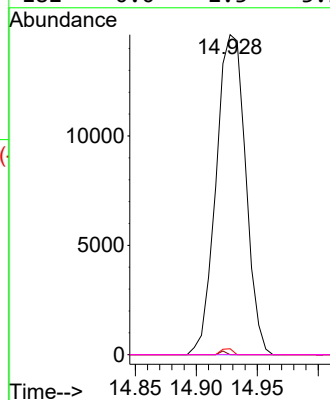
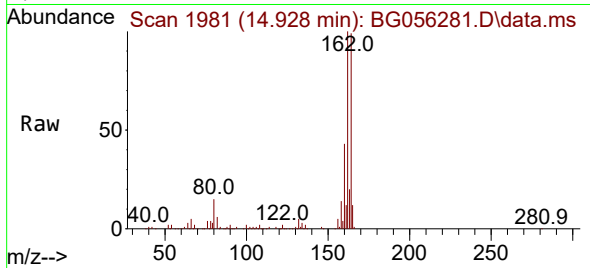




#57
2,4-Dinitrotoluene
Concen: 5.572 ng
RT: 14.928 min Scan# 1981
Delta R.T. -0.346 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

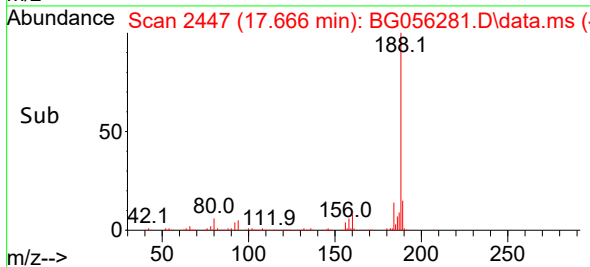
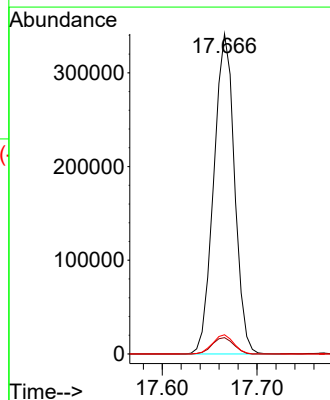
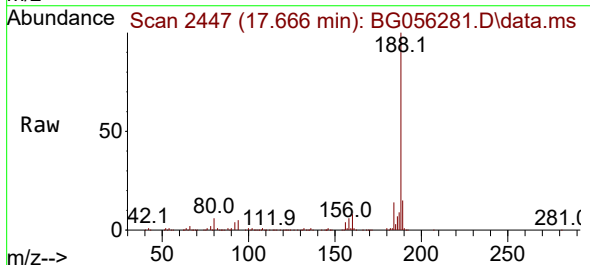
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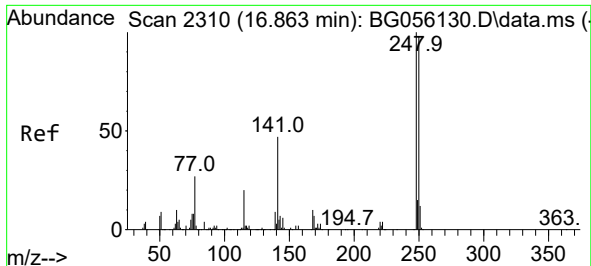
Tgt Ion:165 Resp: 24619
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.9 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.666 min Scan# 2447
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

Tgt Ion:188 Resp: 519370
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 6.0 5.0 7.4

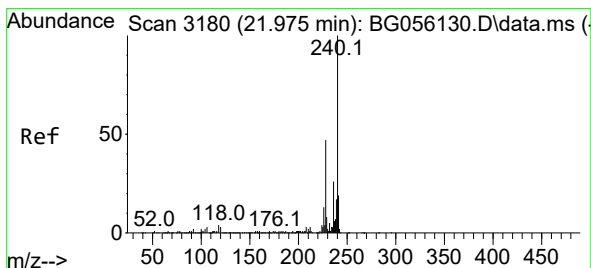
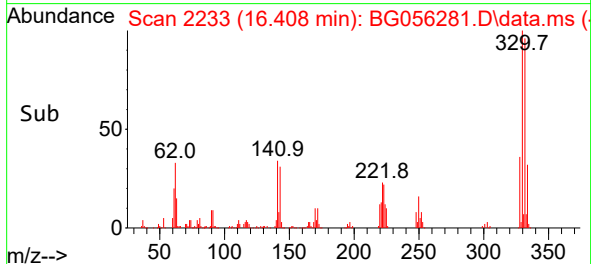
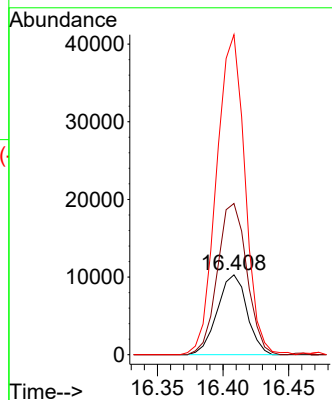
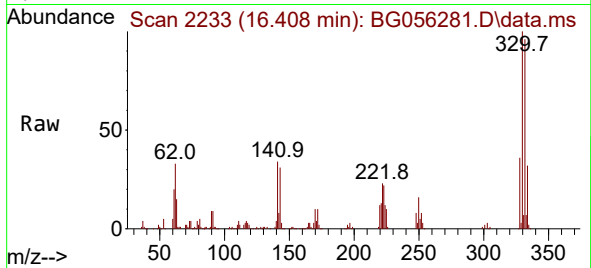




#67
4-Bromophenyl-phenylether
Concen: 2.437 ng
RT: 16.408 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

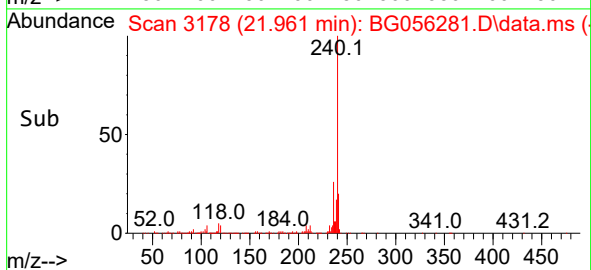
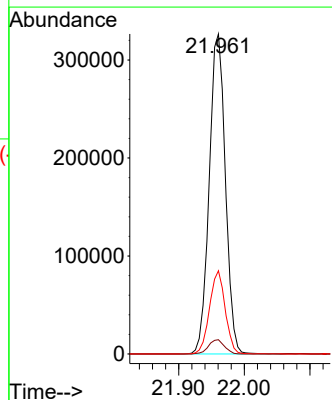
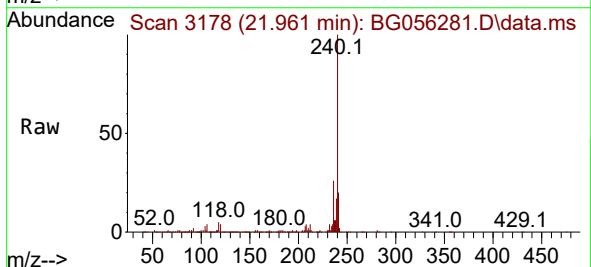
Instrument :
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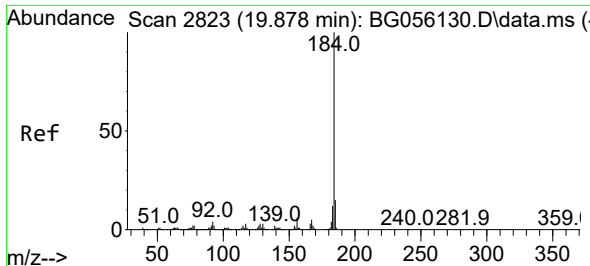
Tgt Ion:248 Resp: 16116
Ion Ratio Lower Upper
248 100
250 189.3 78.2 117.4#
141 400.6 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.961 min Scan# 3178
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

Tgt Ion:240 Resp: 559034
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 26.0 20.8 31.2

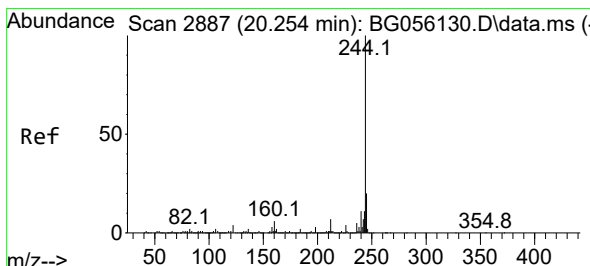
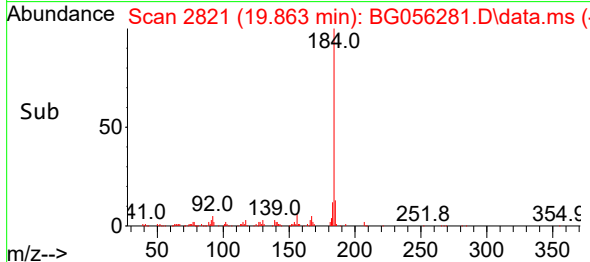
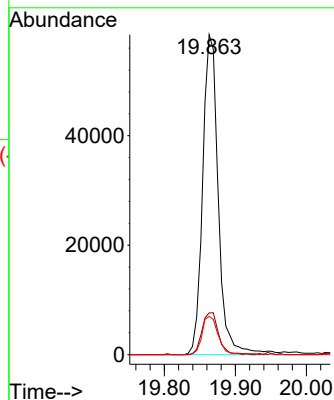
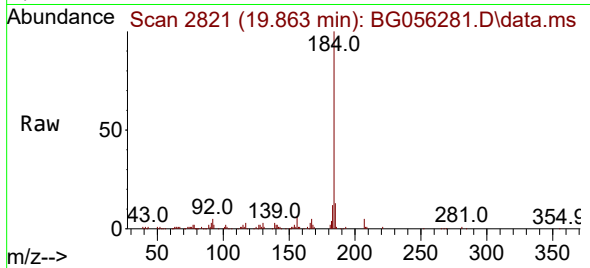




#77
Benzidine
Concen: 4.576 ng
RT: 19.863 min Scan# 2821
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

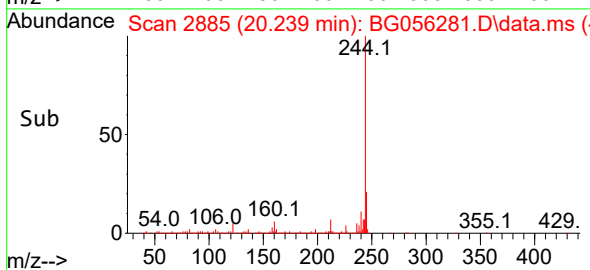
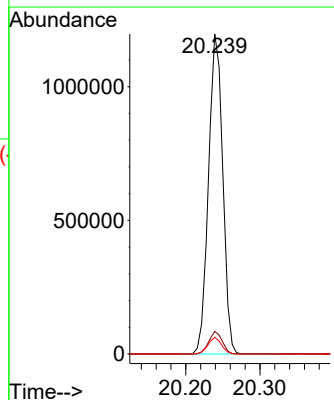
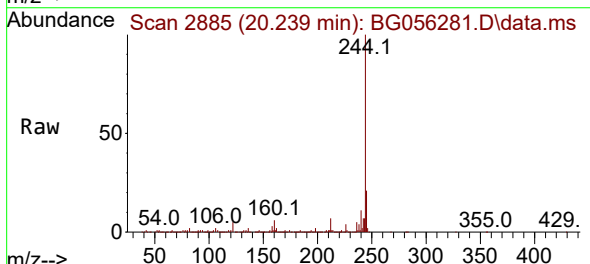
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

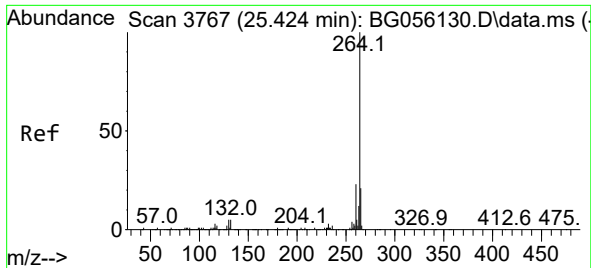
Tgt Ion:184 Resp: 89640
Ion Ratio Lower Upper
184 100
185 13.1 12.2 18.2
183 11.9 9.4 14.0



#79
Terphenyl-d14
Concen: 51.127 ng
RT: 20.239 min Scan# 2885
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

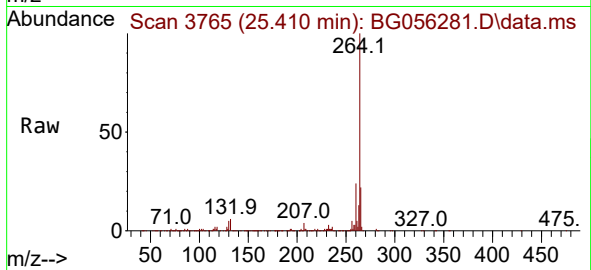
Tgt Ion:244 Resp: 1595817
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 5.2 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.410 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG056281.D
 Acq: 13 Jan 2023 17:15

Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-1-11



Tgt Ion:264 Resp: 598432
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.4 16.7 25.1

