

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056964.D
 Acq On : 4 Apr 2023 13:48
 Operator : CG/JU
 Sample : 02104-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-03-25

Quant Time: Apr 05 04:07:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

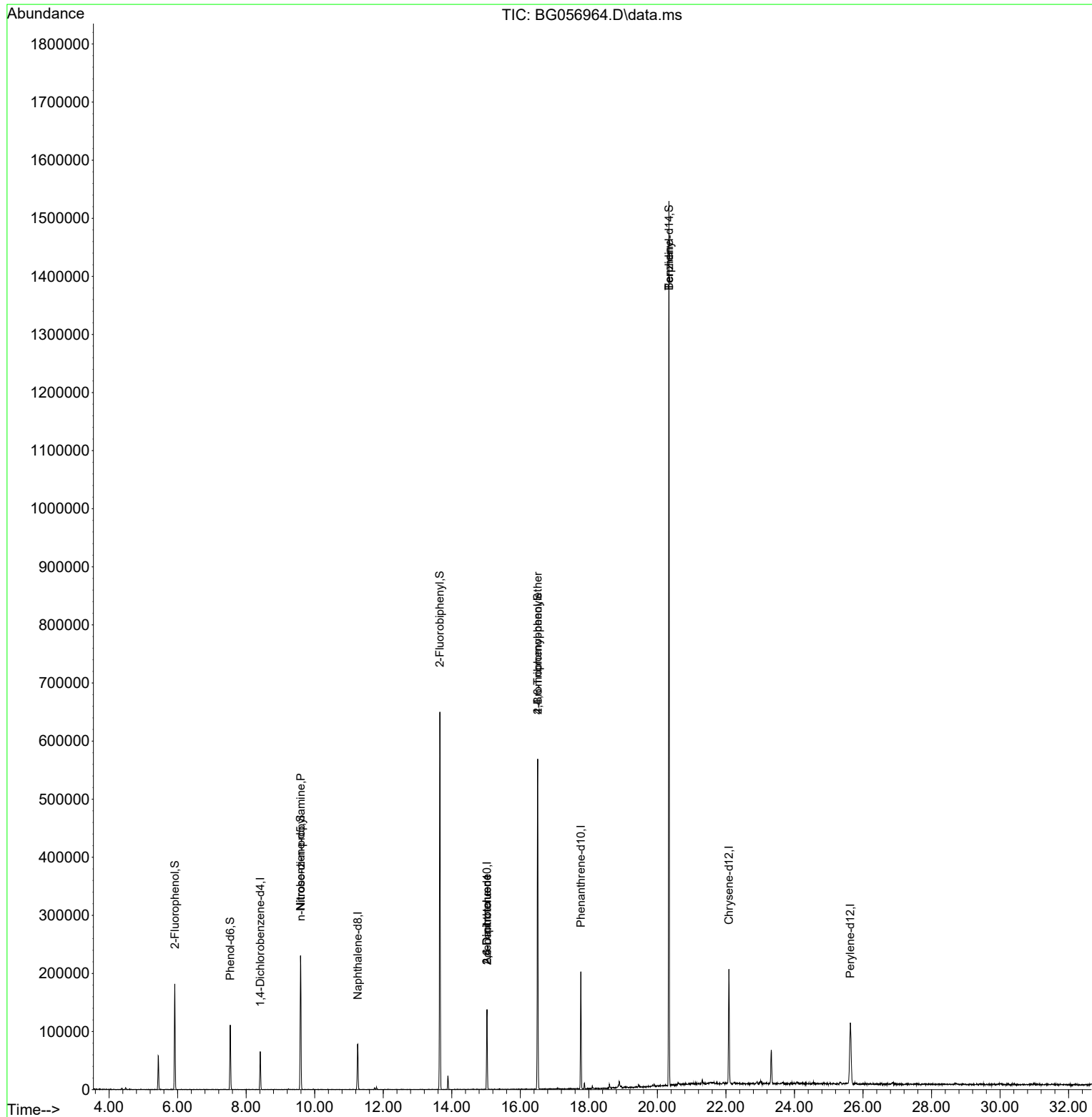
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	16757	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	64914	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	47743	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	127149	20.000	ng	0.00
76) Chrysene-d12	22.089	240	126784	20.000	ng	0.00
86) Perylene-d12	25.631	264	130654	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	71977	68.745	ng	0.00
7) Phenol-d6	7.538	99	62483	39.901	ng	0.00
23) Nitrobenzene-d5	9.588	82	145545	91.742	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	113024	148.187	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	329056	93.459	ng	0.00
79) Terphenyl-d14	20.338	244	736025	98.236	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.594	70	21056	18.799	ng	# 72
51) 2,6-Dinitrotoluene	15.028	165	6133	7.546	ng	# 18
57) 2,4-Dinitrotoluene	15.028	165	6133	5.350	ng	# 18
67) 4-Bromophenyl-phenylether	16.508	248	7053	4.483	ng	# 1
77) Benzidine	20.338	184	12084	3.487	ng	# 92

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

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Quant Time: Apr 05 04:07:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

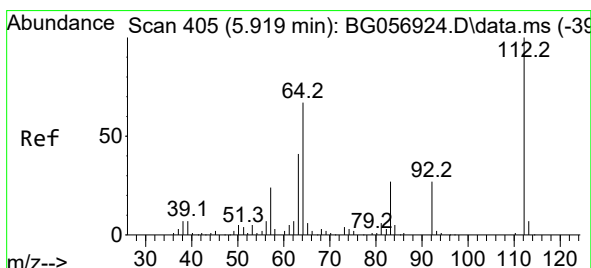
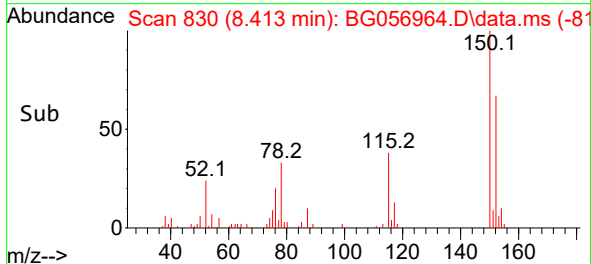
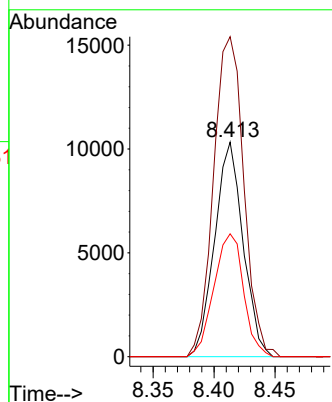
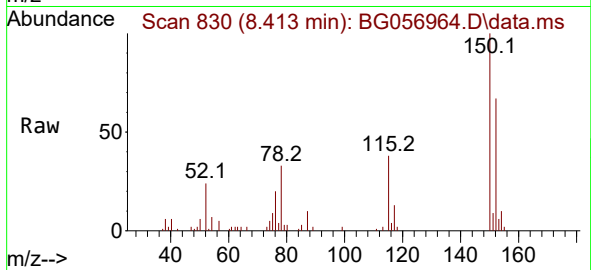




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

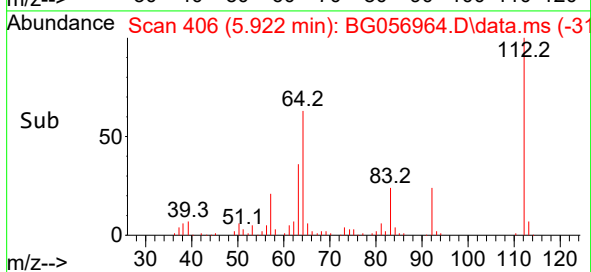
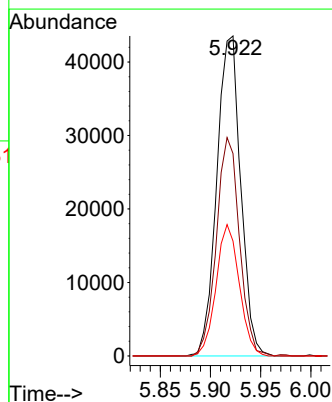
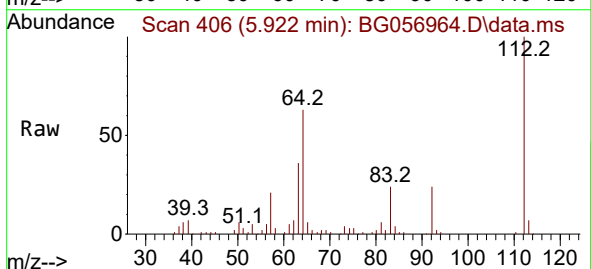
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-25

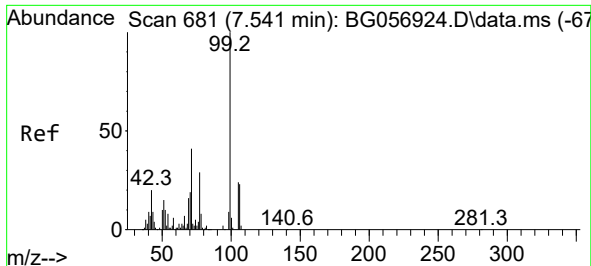
Tgt Ion:152 Resp: 16757
Ion Ratio Lower Upper
152 100
150 149.1 124.1 186.1
115 57.2 49.1 73.7



#5
2-Fluorophenol
Concen: 68.745 ng
RT: 5.922 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Tgt Ion:112 Resp: 71977
Ion Ratio Lower Upper
112 100
64 63.3 53.2 79.8
63 35.9 32.6 48.8

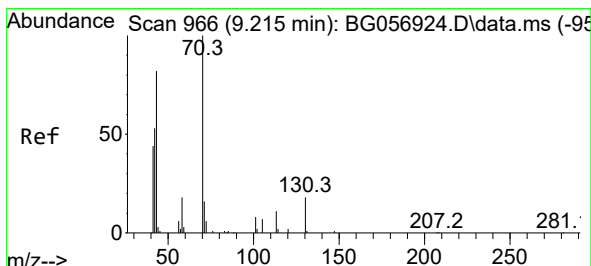
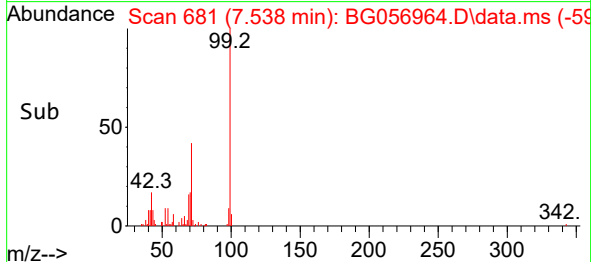
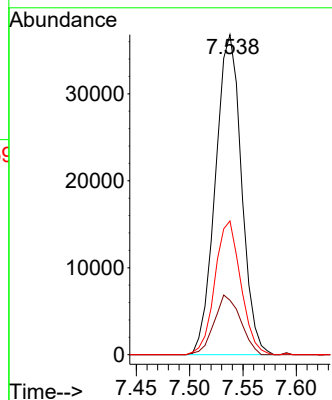
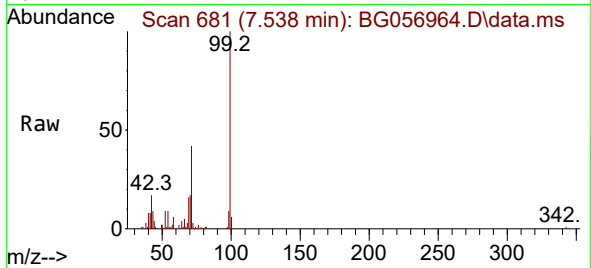




#7
Phenol-d6
Concen: 39.901 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

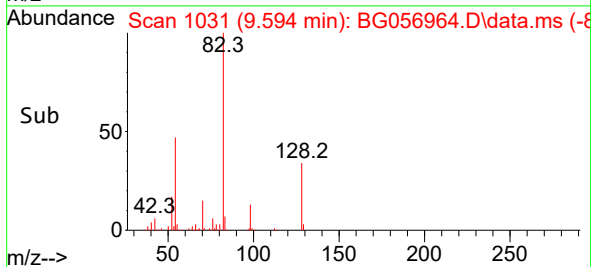
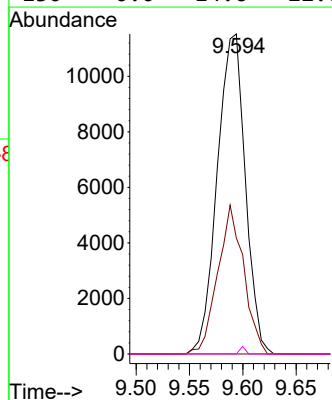
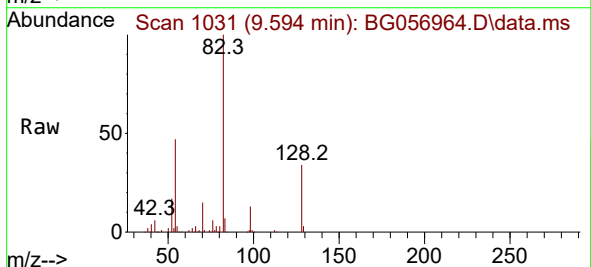
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-25

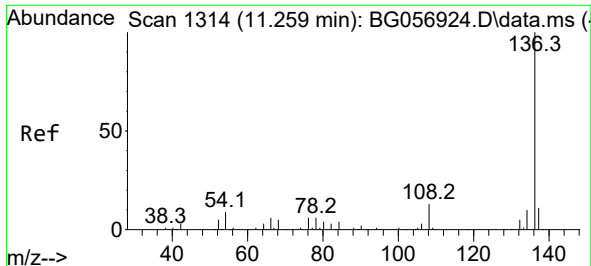
Tgt Ion: 99 Resp: 62483
Ion Ratio Lower Upper
99 100
42 17.0 15.7 23.5
71 41.8 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.799 ng
RT: 9.594 min Scan# 1031
Delta R.T. 0.379 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Tgt Ion: 70 Resp: 21056
Ion Ratio Lower Upper
70 100
42 36.2 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

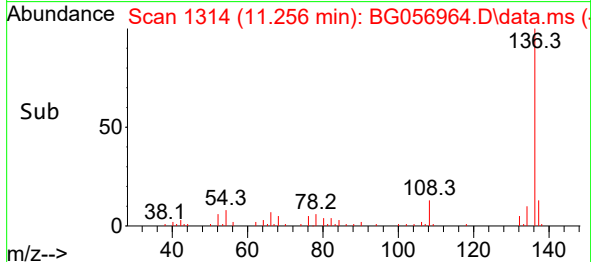
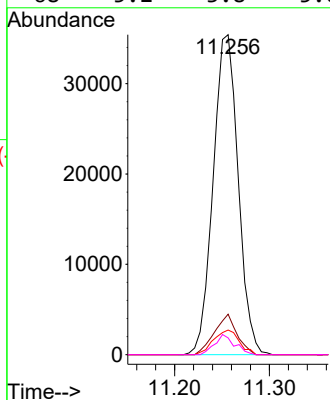
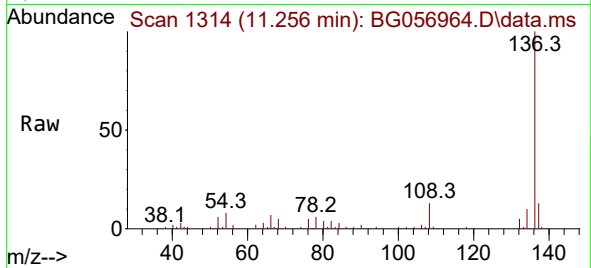




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

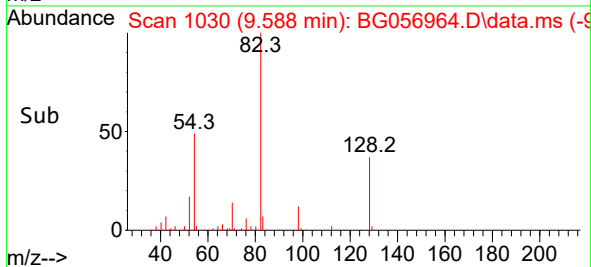
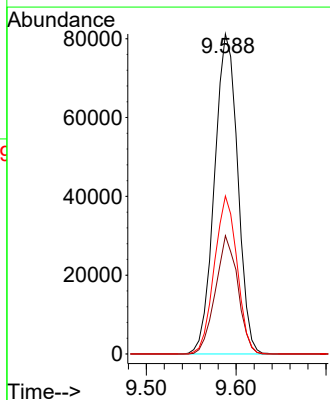
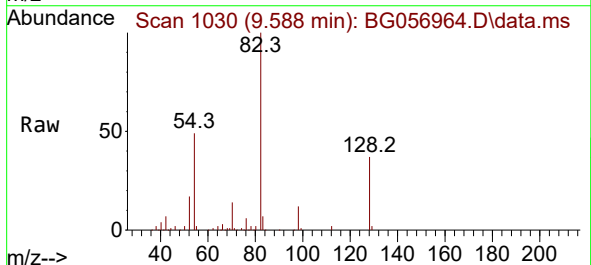
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-25

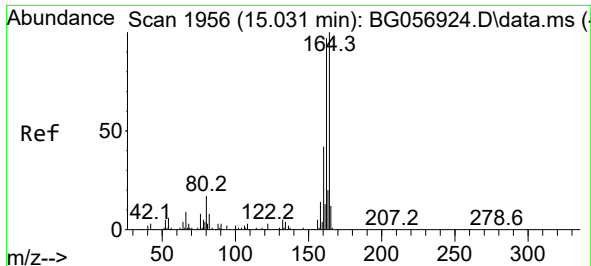
Tgt Ion:	136	Resp:	64914
Ion Ratio	Lower	Upper	
136	100		
137	12.6	8.6	13.0
54	7.7	6.9	10.3
68	5.2	3.8	5.6



#23
Nitrobenzene-d5
Concen: 91.742 ng
RT: 9.588 min Scan# 1030
Delta R.T. -0.009 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Tgt Ion:	82	Resp:	145545
Ion Ratio	Lower	Upper	
82	100		
128	36.9	27.9	41.9
54	49.3	39.4	59.2

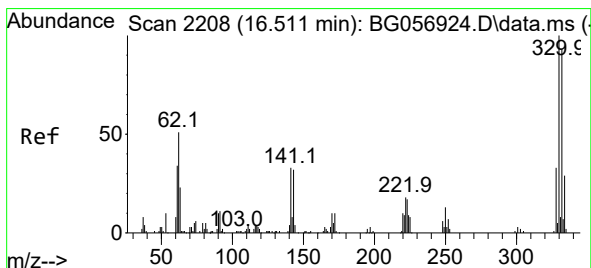
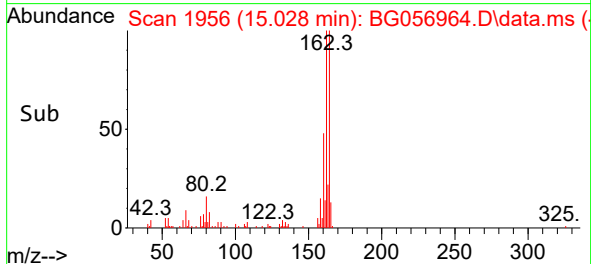
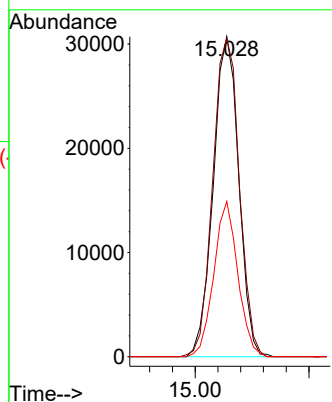
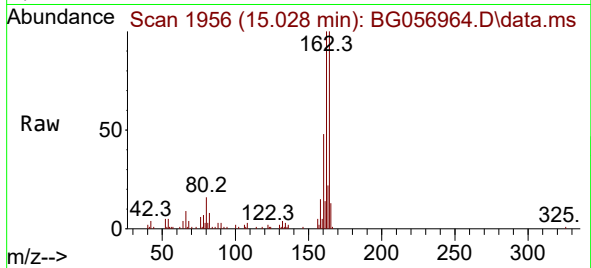




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

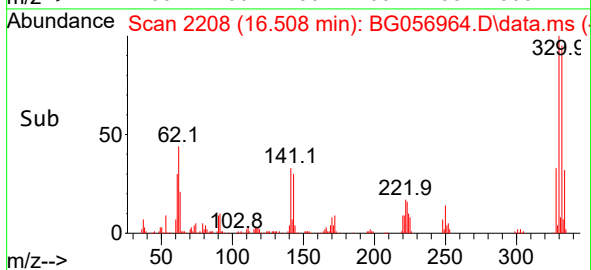
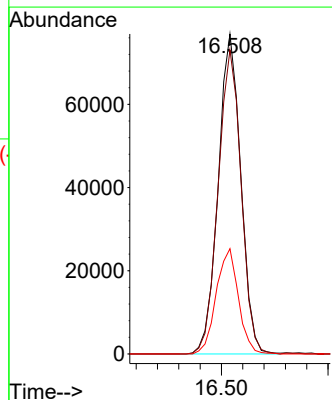
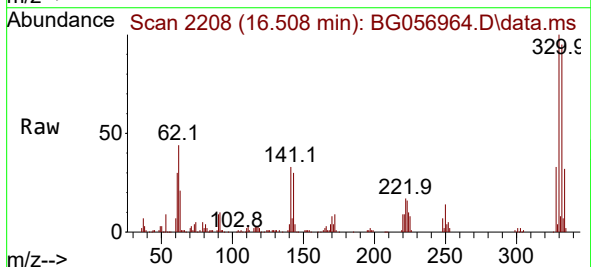
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-25

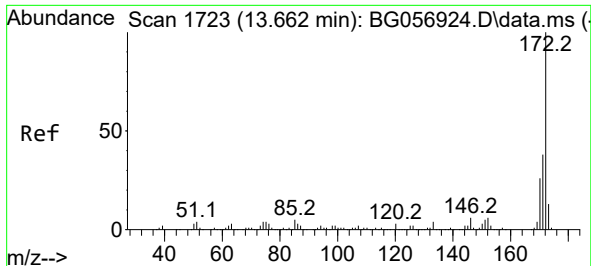
Tgt Ion:164 Resp: 47743
Ion Ratio Lower Upper
164 100
162 99.6 77.8 116.8
160 48.5 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 148.187 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.003 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Tgt Ion:330 Resp: 113024
Ion Ratio Lower Upper
330 100
332 96.4 76.1 114.1
141 32.3 25.8 38.6

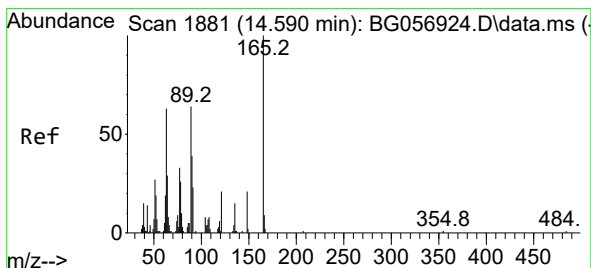
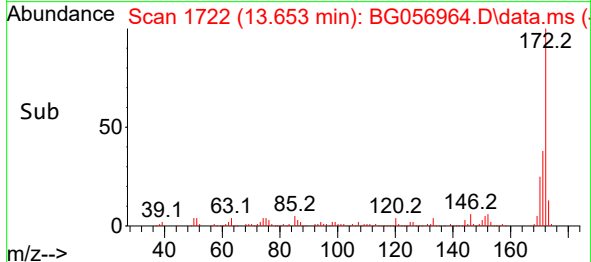
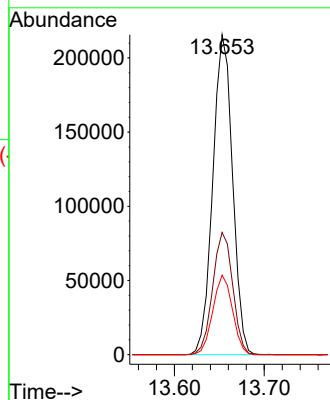
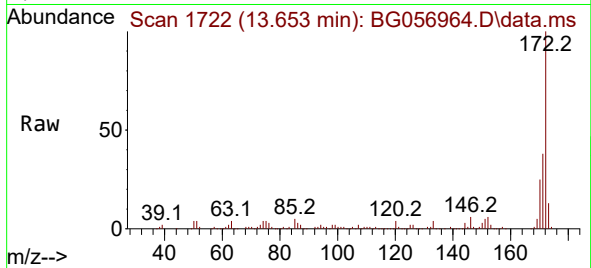




#45
2-Fluorobiphenyl
Concen: 93.459 ng
RT: 13.653 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

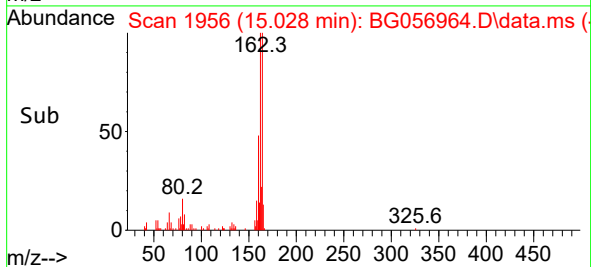
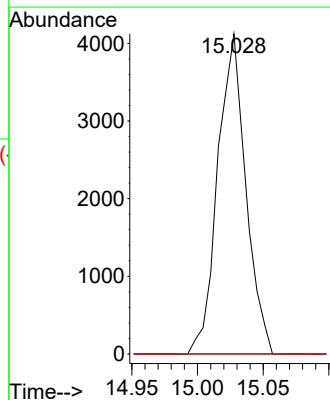
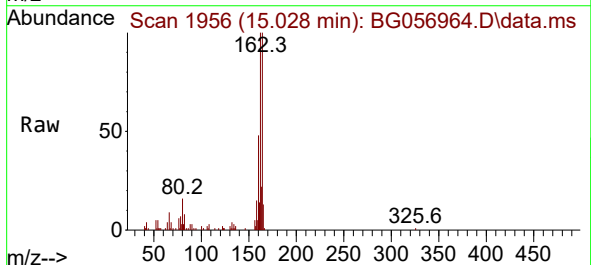
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-25

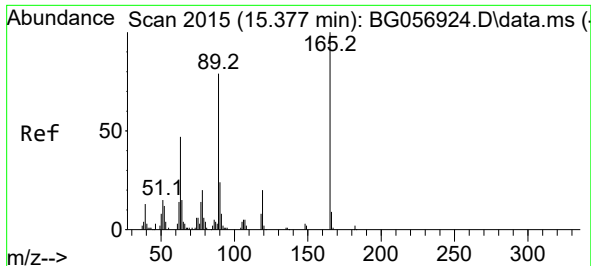
Tgt Ion:172 Resp: 329056
Ion Ratio Lower Upper
172 100
171 38.2 30.6 46.0
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.546 ng
RT: 15.028 min Scan# 1956
Delta R.T. 0.438 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

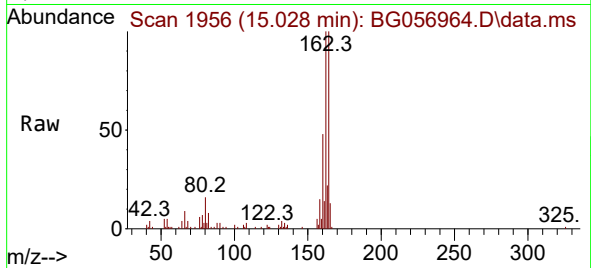
Tgt Ion:165 Resp: 6133
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#



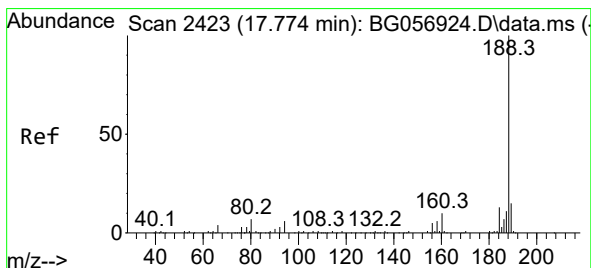
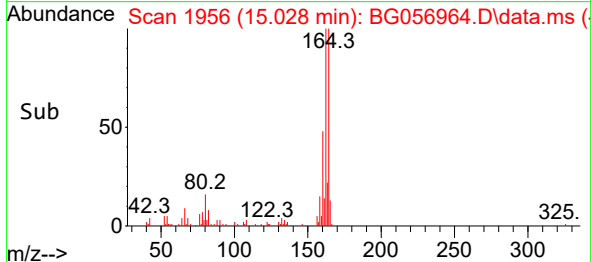
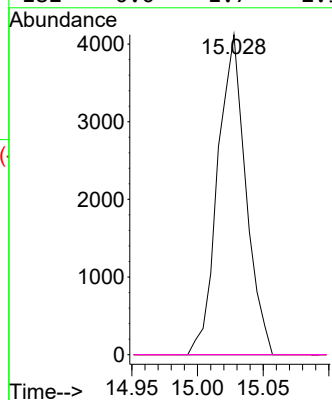


#57
2,4-Dinitrotoluene
Concen: 5.350 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.349 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Instrument :
BNA_G
ClientSampleId :
EB-2023-03-25

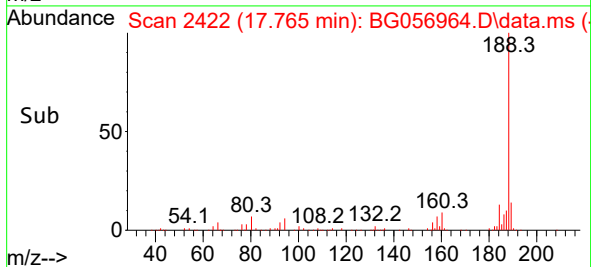
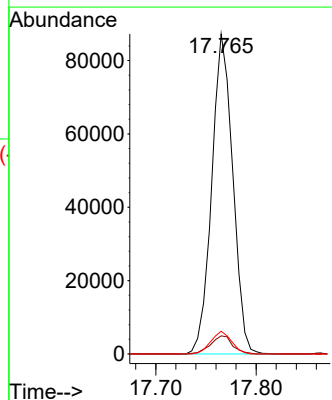
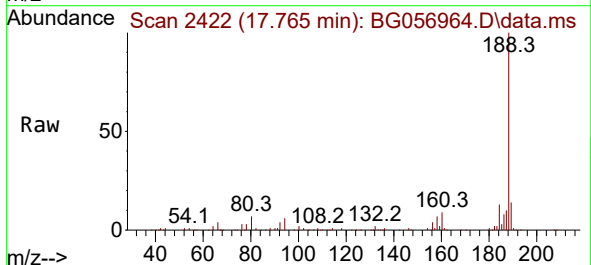


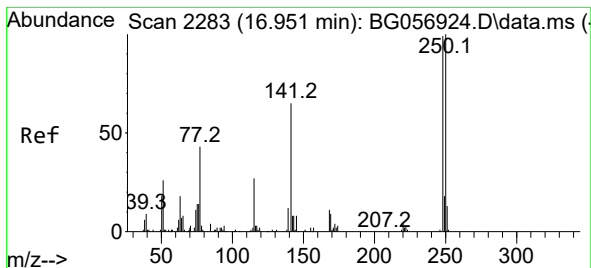
Tgt Ion:165 Resp: 6133
Ion Ratio Lower Upper
165 100
63 0.0 37.7 56.5#
89 0.0 63.2 94.8#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Tgt Ion:188 Resp: 127149
Ion Ratio Lower Upper
188 100
94 5.7 4.6 6.8
80 7.1 5.5 8.3

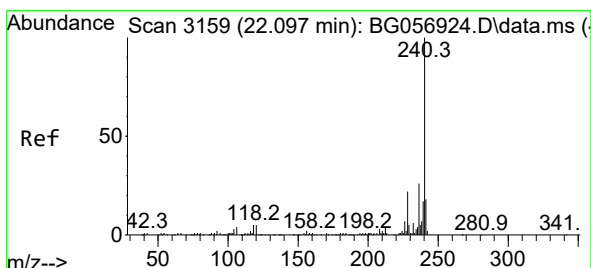
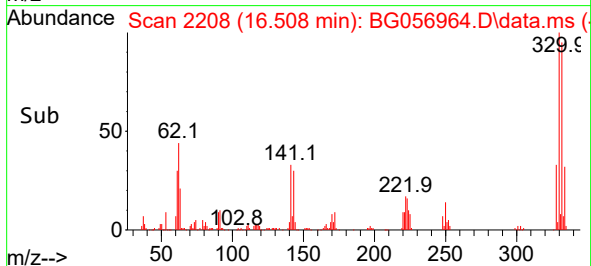
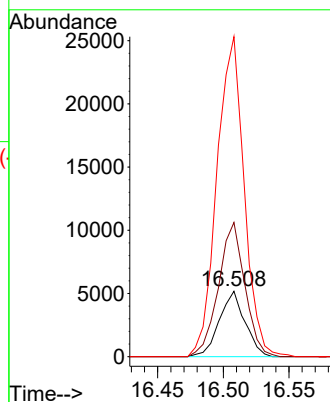
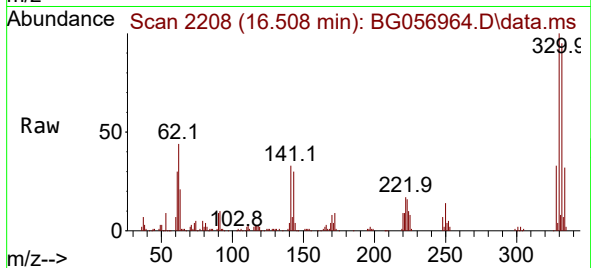




#67
4-Bromophenyl-phenylether
Concen: 4.483 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

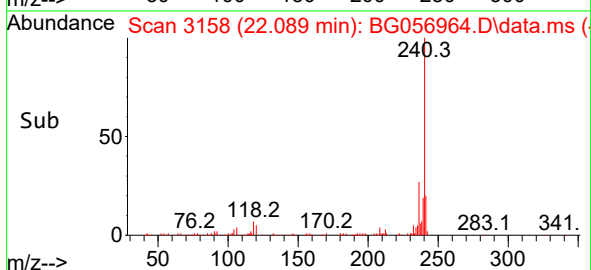
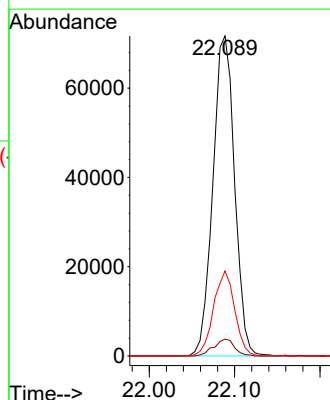
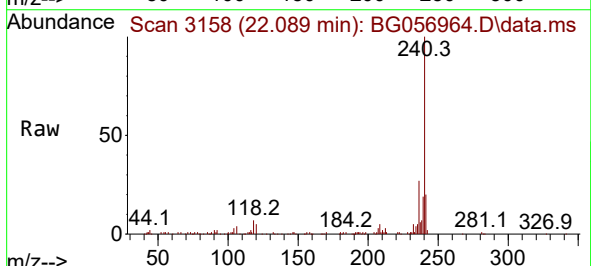
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-25

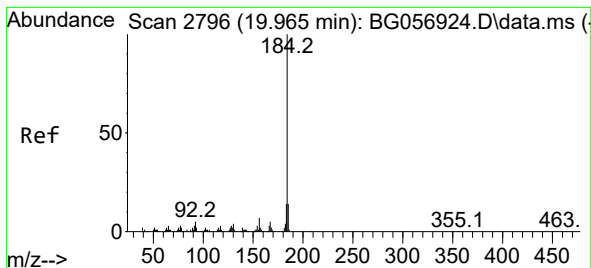
Tgt Ion:248 Resp: 7053
Ion Ratio Lower Upper
248 100
250 205.3 80.5 120.7#
141 489.3 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3158
Delta R.T. -0.009 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Tgt Ion:240 Resp: 126784
Ion Ratio Lower Upper
240 100
120 5.2 3.8 5.6
236 26.6 21.0 31.6





#77

Benzidine

Concen: 3.487 ng

RT: 20.338 min Scan# 2860

Delta R.T. 0.373 min

Lab File: BG056964.D

Acq: 4 Apr 2023 13:48

Instrument :

BNA_G

ClientSampleId :

EB-2023-03-25

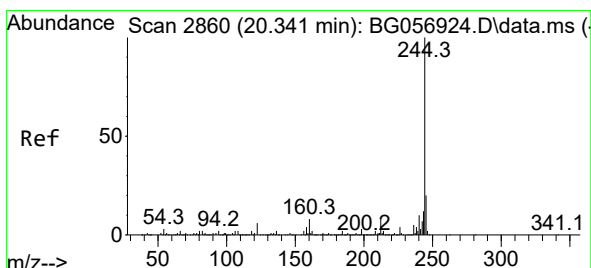
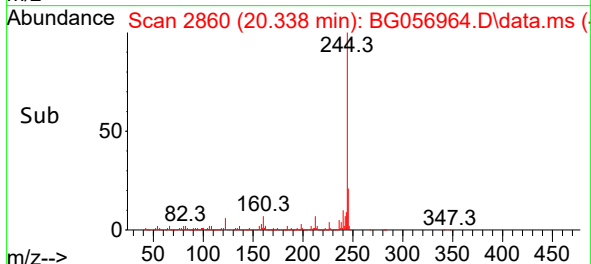
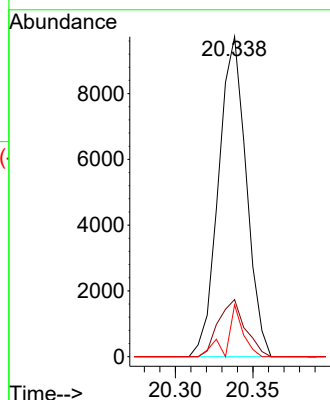
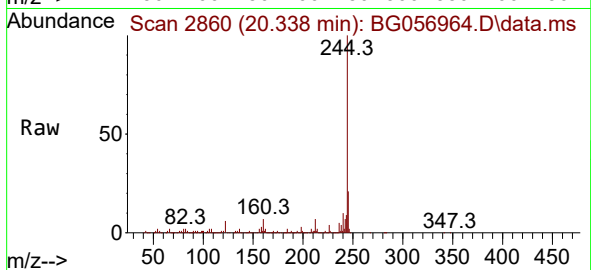
Tgt Ion:184 Resp: 12084

Ion Ratio Lower Upper

184 100

185 17.8 11.0 16.4#

183 16.2 11.4 17.0



#79

Terphenyl-d14

Concen: 98.236 ng

RT: 20.338 min Scan# 2860

Delta R.T. -0.003 min

Lab File: BG056964.D

Acq: 4 Apr 2023 13:48

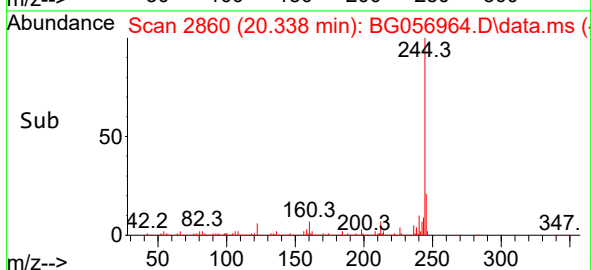
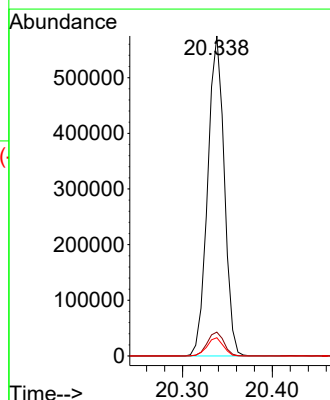
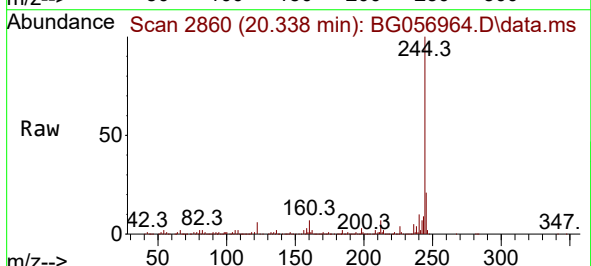
Tgt Ion:244 Resp: 736025

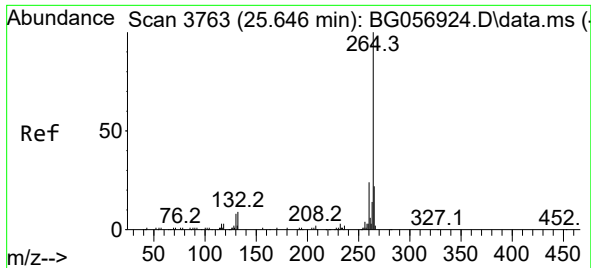
Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

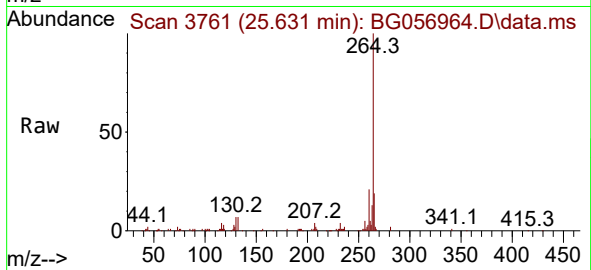
122 5.7 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.631 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG056964.D
Acq: 4 Apr 2023 13:48

Instrument :
BNA_G
ClientSampleId :
EB-2023-03-25



Tgt Ion: 264 Resp: 130654

Ion	Ratio	Lower	Upper
264	100		
260	21.1	19.0	28.4
265	19.2	17.8	26.6

