

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
 Data File : BG057115.D
 Acq On : 17 Apr 2023 17:47
 Operator : CG/JU
 Sample : 02366-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230341-COMP-19

Quant Time: Apr 17 19:13:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 19:00:08 2023
 Response via : Initial Calibration

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

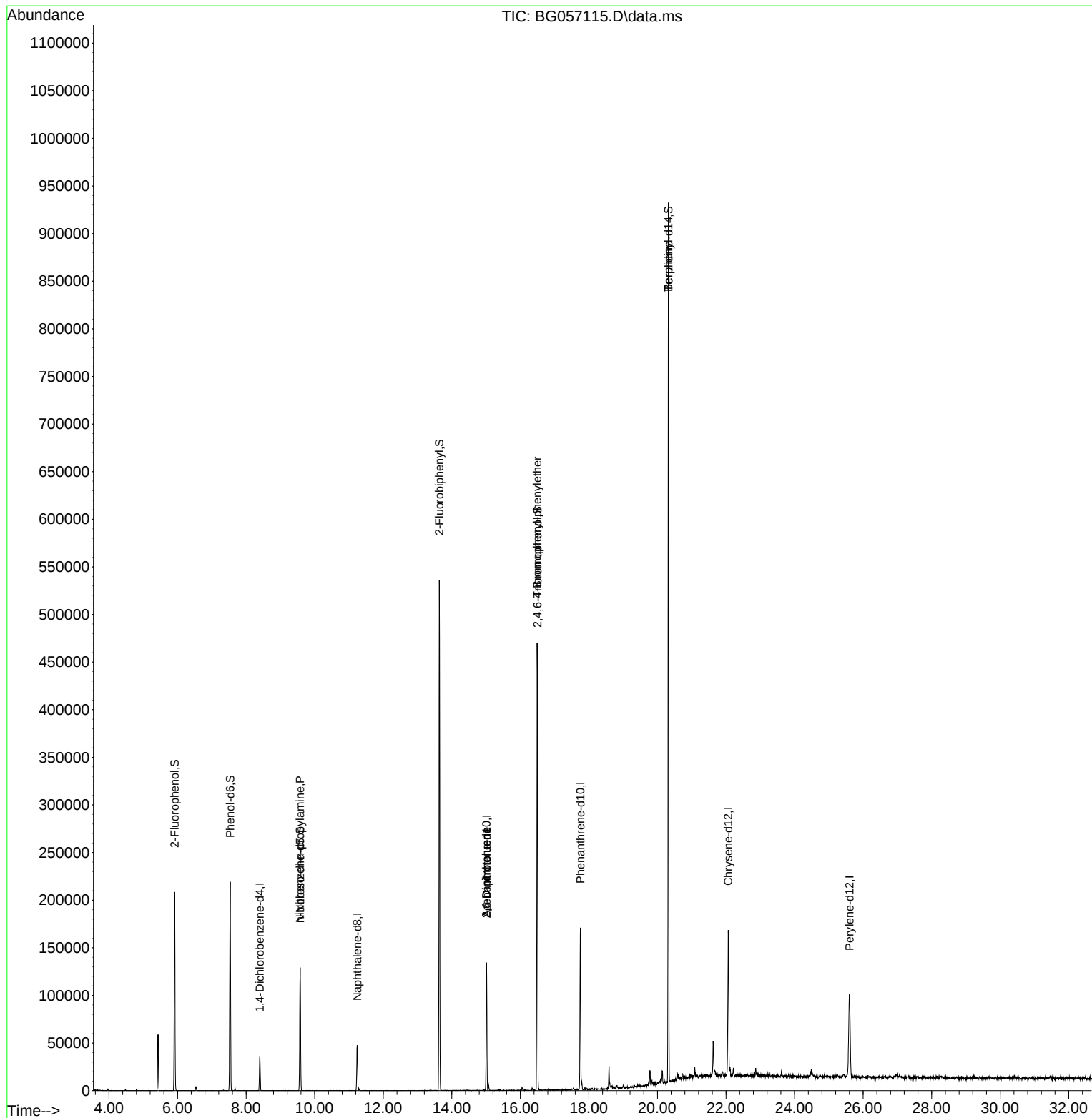
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.396	152	10257	20.000	ng	-0.02
21) Naphthalene-d8	11.239	136	38980	20.000	ng	0.00
39) Acenaphthene-d10	15.010	164	46895	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	106729	20.000	ng	# 0.00
76) Chrysene-d12	22.066	240	92969	20.000	ng	#-0.02
86) Perylene-d12	25.602	264	104379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	82543	128.796	ng	0.00
7) Phenol-d6	7.538	99	120425	125.636	ng	0.00
23) Nitrobenzene-d5	9.577	82	78998	82.925	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	95201	127.076	ng	0.00
45) 2-Fluorobiphenyl	13.636	172	265199	76.685	ng	0.00
79) Terphenyl-d14	20.321	244	437133	79.564	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.577	70	11570	16.876	ng	# 76
51) 2,6-Dinitrotoluene	15.010	165	6101	7.642	ng	# 18
57) 2,4-Dinitrotoluene	15.010	165	6101	5.418	ng	# 18
67) 4-Bromophenyl-phenylether	16.491	248	5880	4.453	ng	# 1
77) Benzidine	20.321	184	7349	2.892	ng	# 94

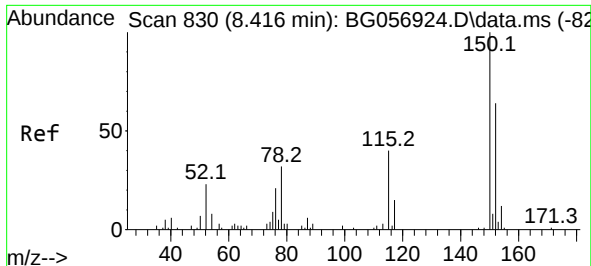
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 17 19:00:08 2023
Response via : Initial Calibration

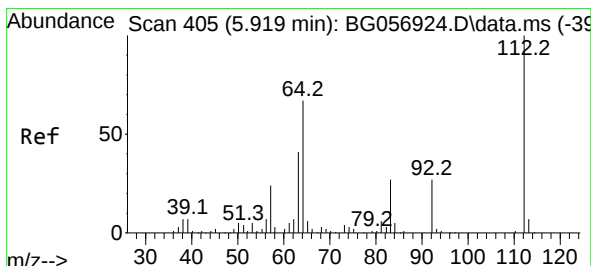
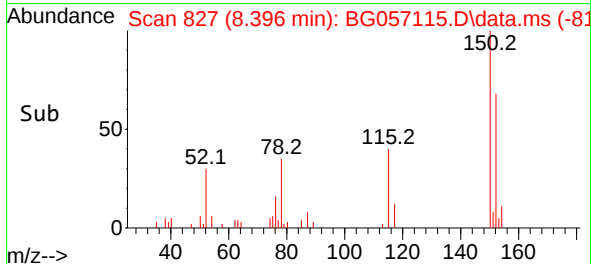
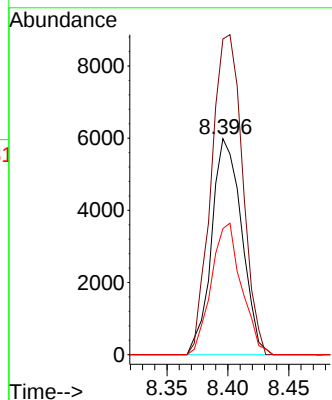
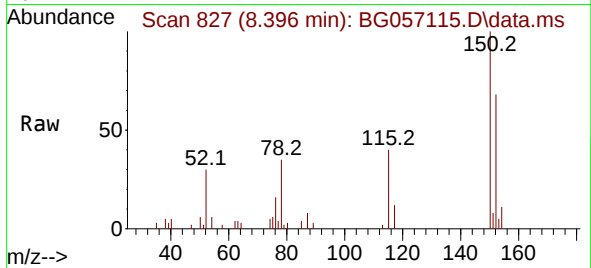




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.396 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

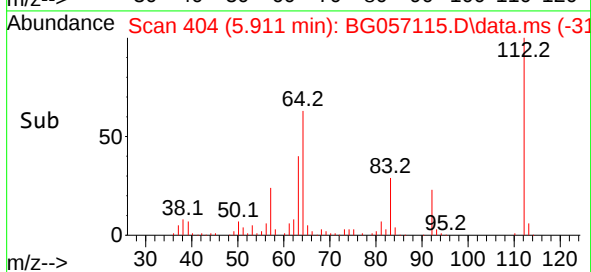
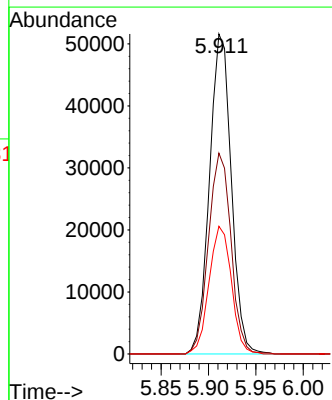
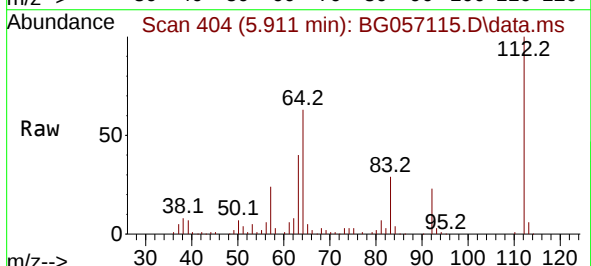
Instrument :
BNA_G
ClientSampleId :
20230341-COMP-19

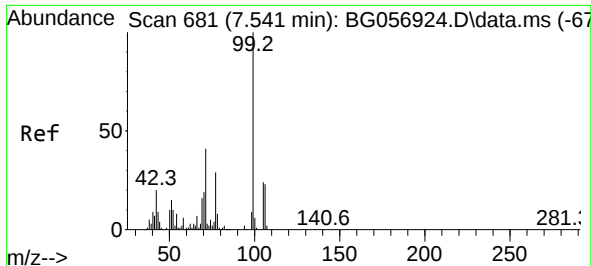
Tgt Ion:152 Resp: 10257
Ion Ratio Lower Upper
152 100
150 146.1 124.1 186.1
115 58.4 49.1 73.7



#5
2-Fluorophenol
Concen: 128.796 ng
RT: 5.911 min Scan# 404
Delta R.T. -0.004 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

Tgt Ion:112 Resp: 82543
Ion Ratio Lower Upper
112 100
64 62.7 53.2 79.8
63 39.9 32.6 48.8

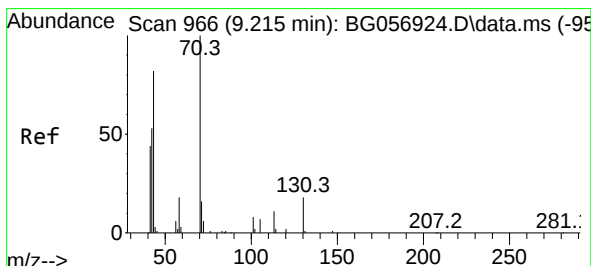
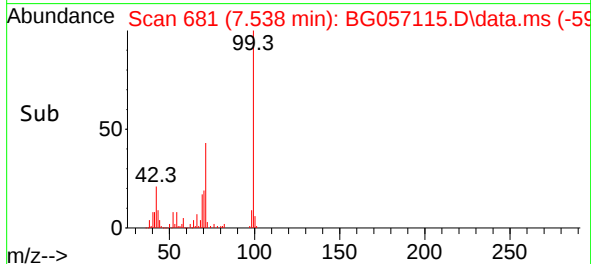
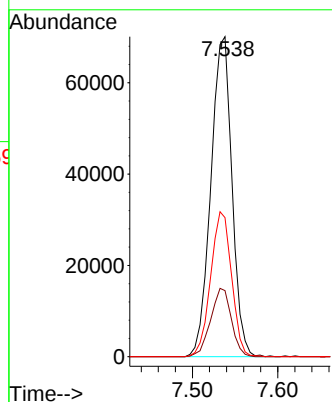
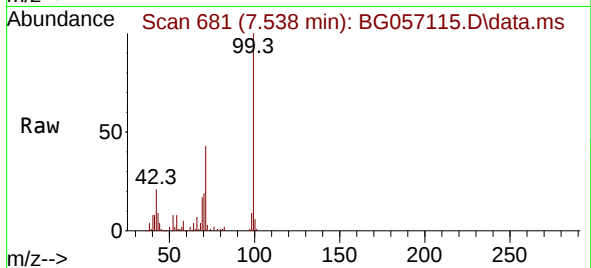




#7
Phenol-d6
Concen: 125.636 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

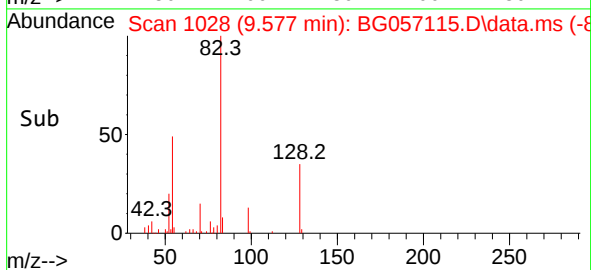
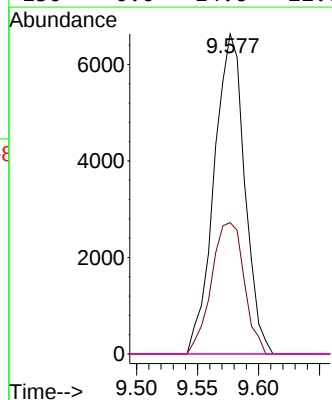
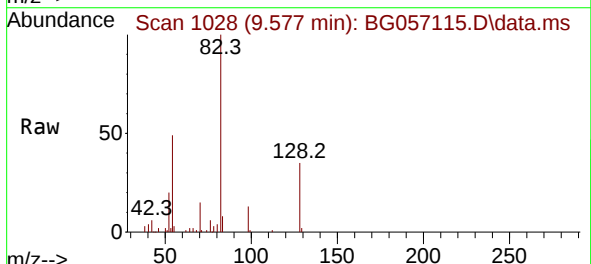
Instrument :
BNA_G
ClientSampleId :
20230341-COMP-19

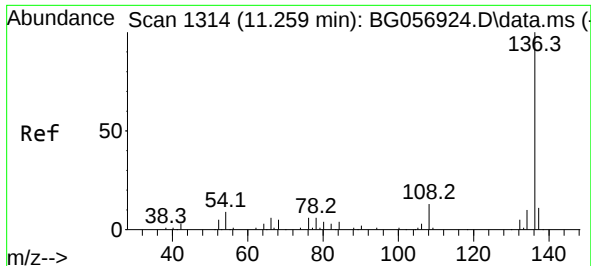
Tgt Ion: 99 Resp: 120425
Ion Ratio Lower Upper
99 100
42 20.7 15.7 23.5
71 43.5 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.876 ng
RT: 9.577 min Scan# 1028
Delta R.T. 0.366 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

Tgt Ion: 70 Resp: 11570
Ion Ratio Lower Upper
70 100
42 41.0 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

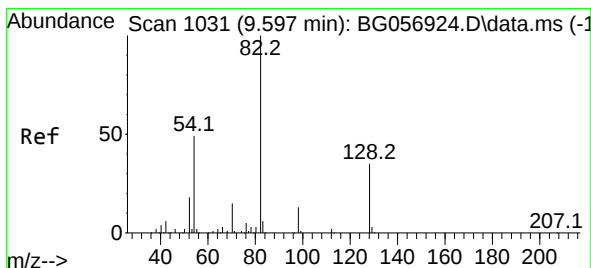
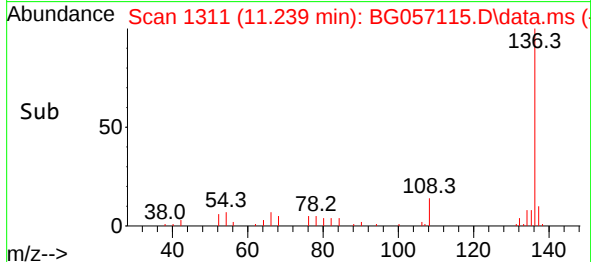
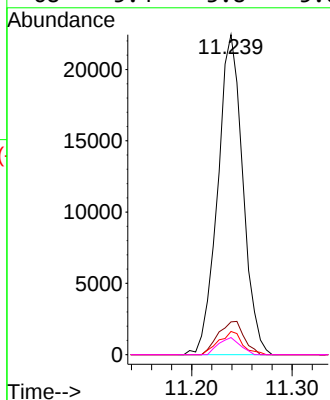
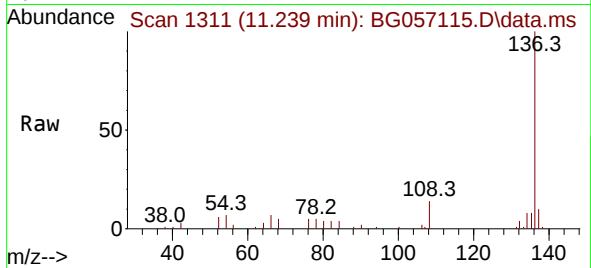




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

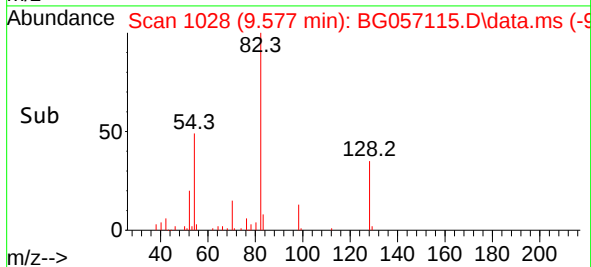
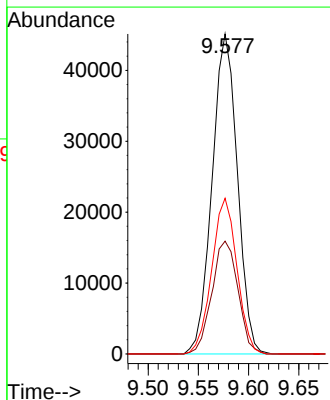
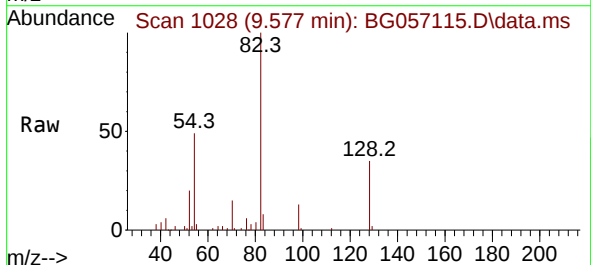
Instrument :
BNA_G
ClientSampleId :
20230341-COMP-19

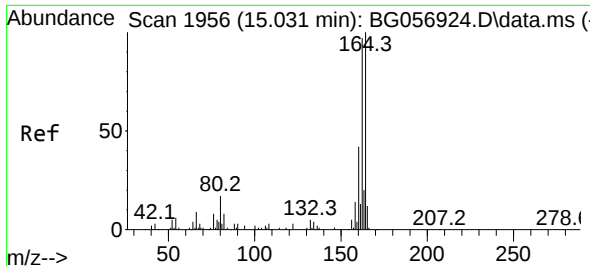
Tgt Ion:	136	Resp:	38980
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	7.2	6.9	10.3
68	5.4	3.8	5.6



#23
Nitrobenzene-d5
Concen: 82.925 ng
RT: 9.577 min Scan# 1028
Delta R.T. -0.009 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

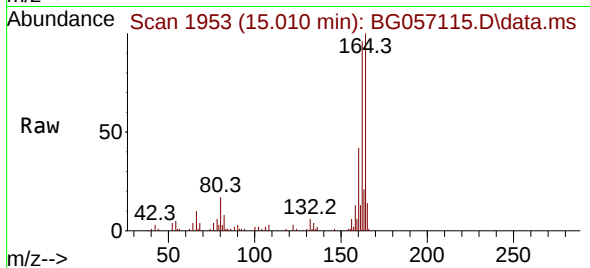
Tgt Ion:	82	Resp:	78998
Ion Ratio	Lower	Upper	
82	100		
128	35.3	27.9	41.9
54	48.7	39.4	59.2



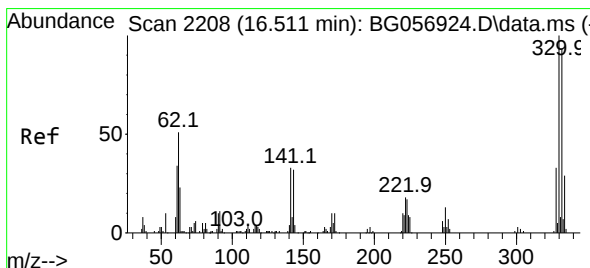
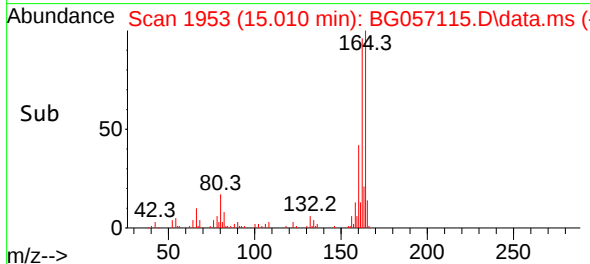
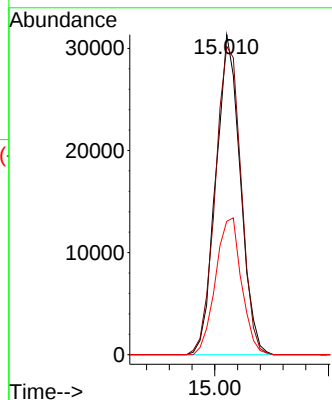


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.010 min Scan# 1953
Delta R.T. -0.009 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

Instrument :
BNA_G
ClientSampleId :
20230341-COMP-19

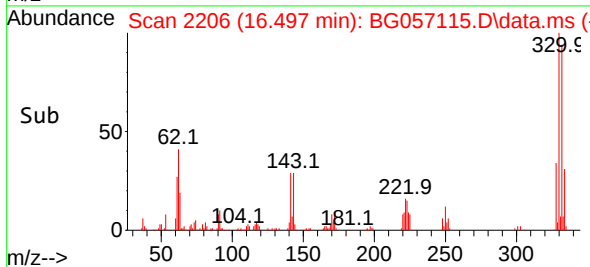
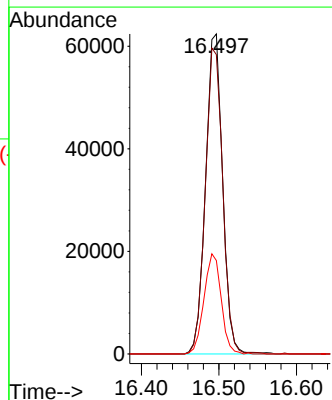
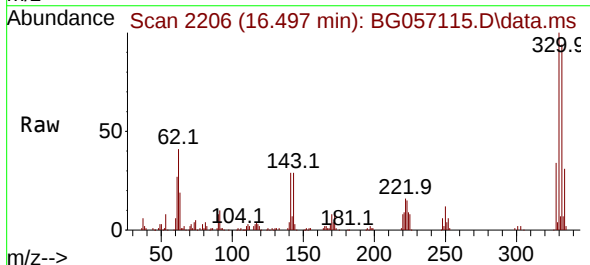


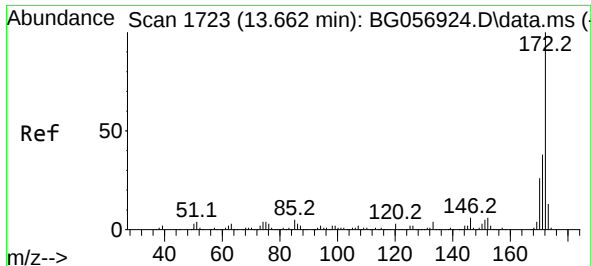
Tgt Ion:	164	Resp:	46895
Ion Ratio	Lower	Upper	
164	100		
162	96.3	77.8	116.8
160	41.7	33.5	50.3



#42
2,4,6-Tribromophenol
Concen: 127.076 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

Tgt Ion:	330	Resp:	95201
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.1	114.1
141	31.6	25.8	38.6

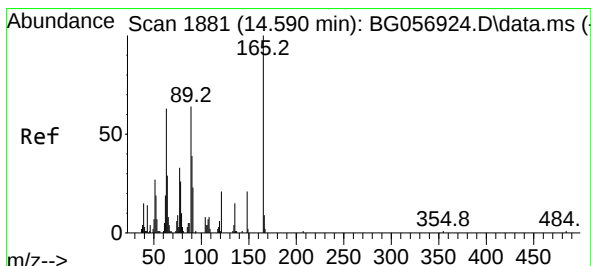
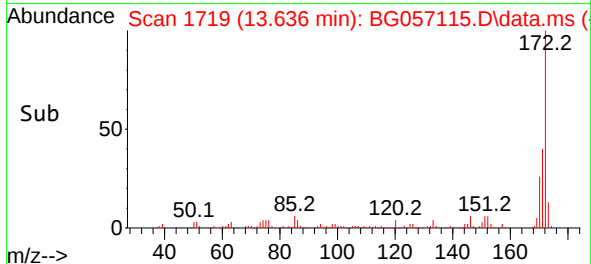
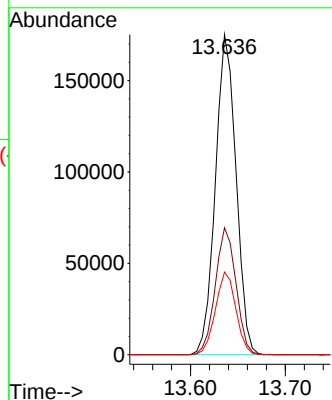
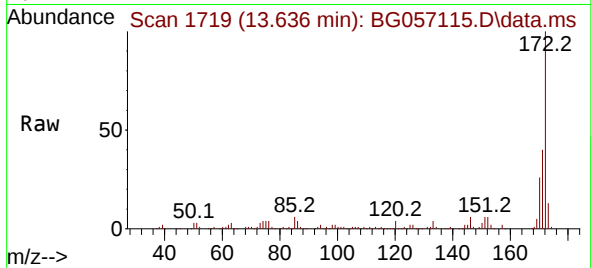




#45
2-Fluorobiphenyl
Concen: 76.685 ng
RT: 13.636 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

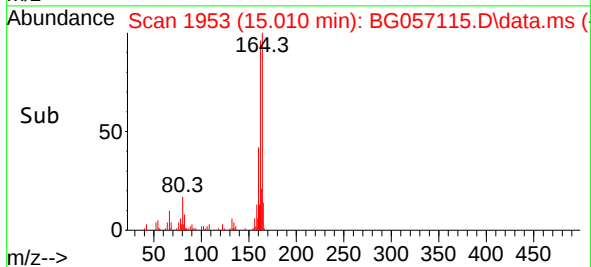
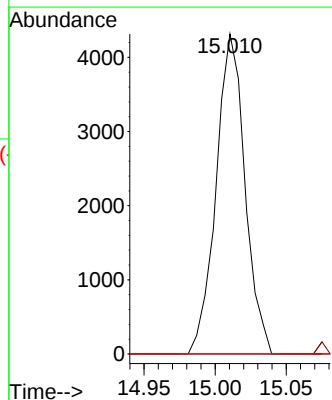
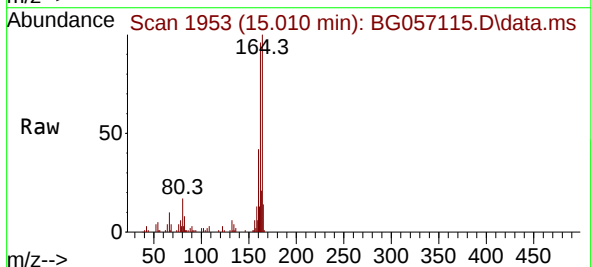
Instrument :
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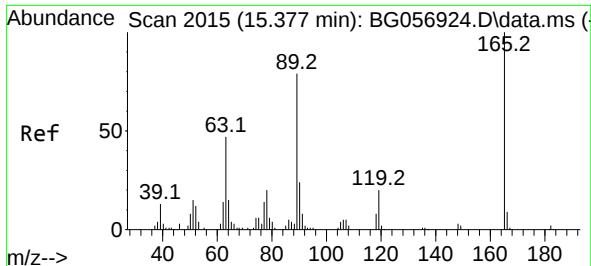
Tgt Ion:172 Resp: 265199
Ion Ratio Lower Upper
172 100
171 39.6 30.6 46.0
170 25.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.642 ng
RT: 15.010 min Scan# 1953
Delta R.T. 0.425 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

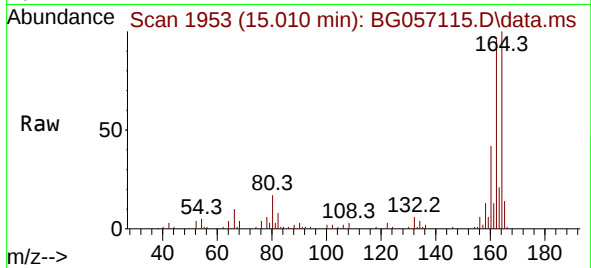
Tgt Ion:165 Resp: 6101
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#



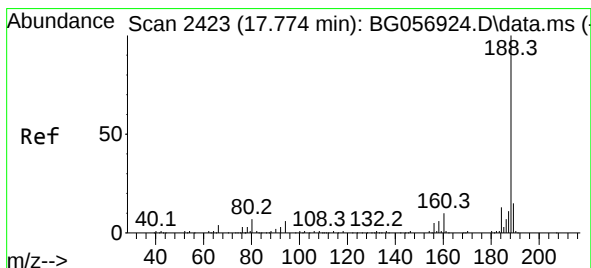
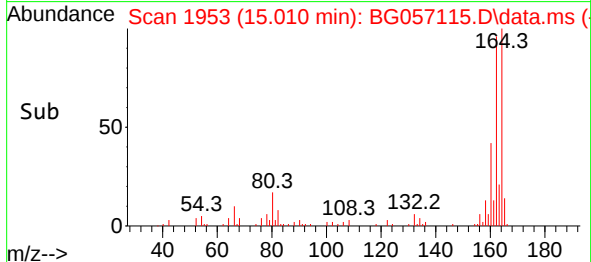
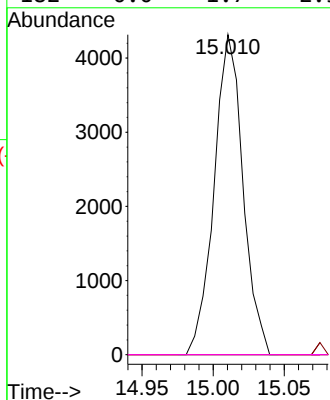


#57
2,4-Dinitrotoluene
Concen: 5.418 ng
RT: 15.010 min Scan# 1953
Delta R.T. -0.356 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

Instrument :
BNA_G
ClientSampleId :
20230341-COMP-19

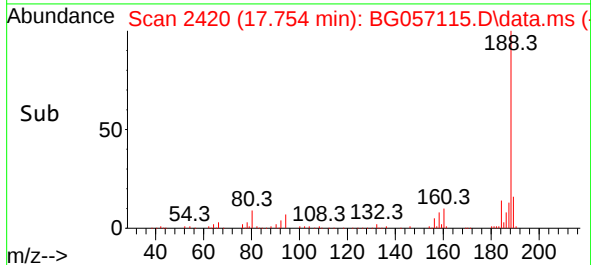
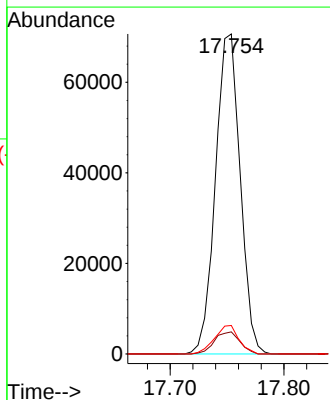
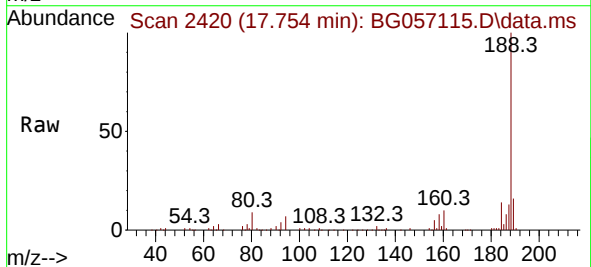


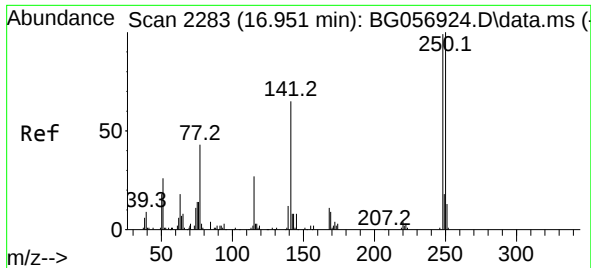
Tgt Ion:165 Resp: 6101
Ion Ratio Lower Upper
165 100
63 0.0 37.7 56.5#
89 0.0 63.2 94.8#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

Tgt Ion:188 Resp: 106729
Ion Ratio Lower Upper
188 100
94 6.9 4.6 6.8#
80 8.9 5.5 8.3#

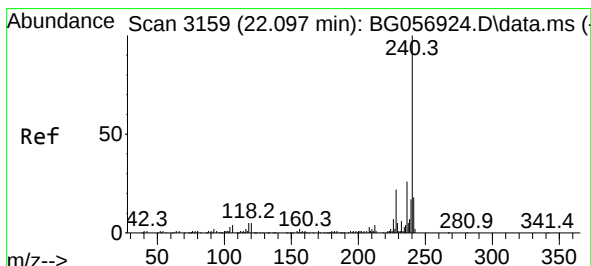
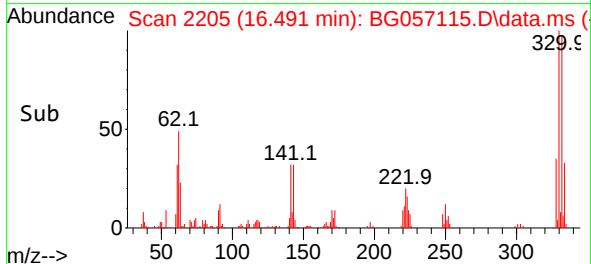
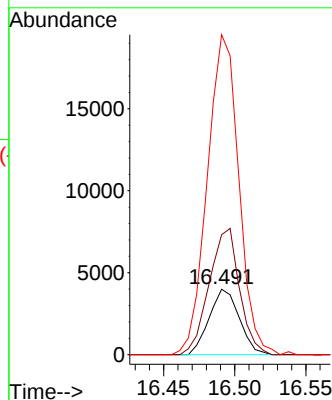
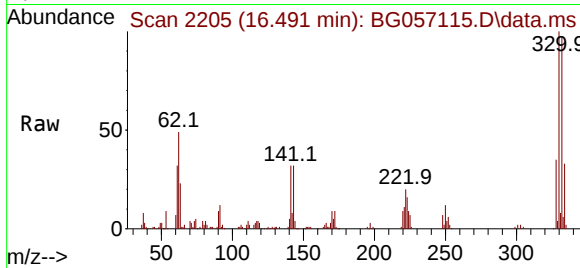




#67
4-Bromophenyl-phenylether
Concen: 4.453 ng
RT: 16.491 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

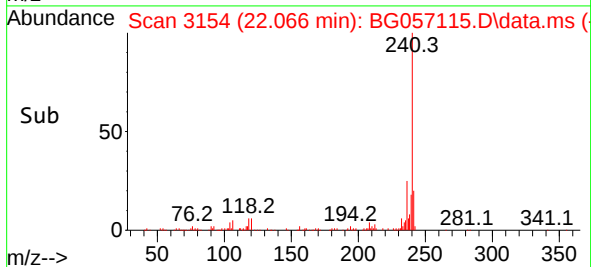
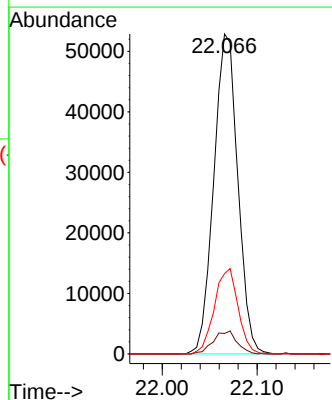
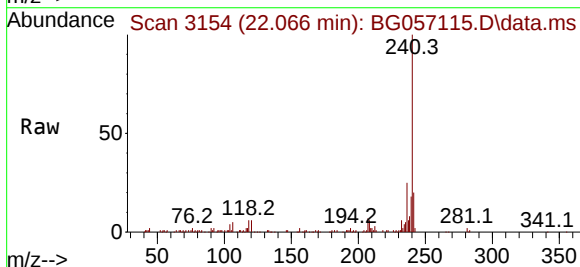
Instrument :
BNA_G
ClientSampleId :
20230341-COMP-19

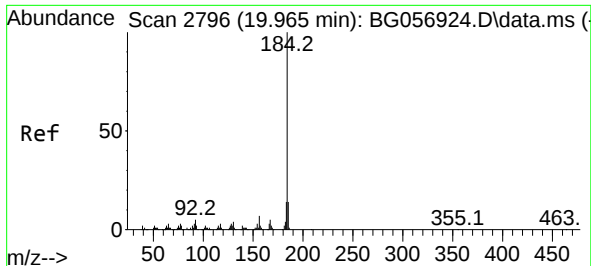
Tgt Ion:248 Resp: 5880
Ion Ratio Lower Upper
248 100
250 183.2 80.5 120.7#
141 488.7 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.066 min Scan# 3154
Delta R.T. -0.015 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

Tgt Ion:240 Resp: 92969
Ion Ratio Lower Upper
240 100
120 6.4 3.8 5.6#
236 25.1 21.0 31.6

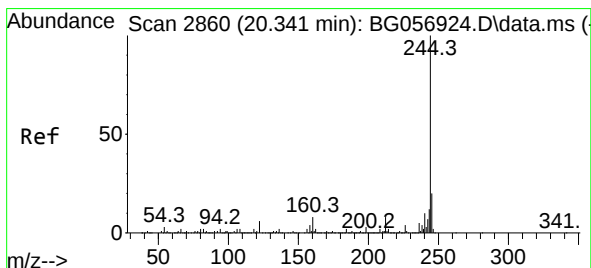
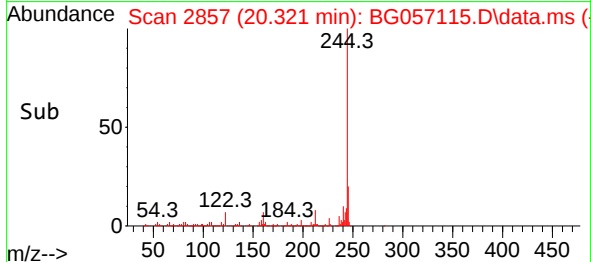
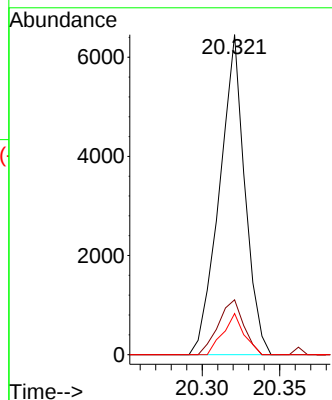
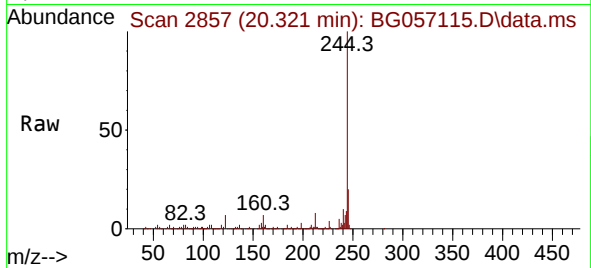




#77
Benzidine
Concen: 2.892 ng
RT: 20.321 min Scan# 2857
Delta R.T. 0.367 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

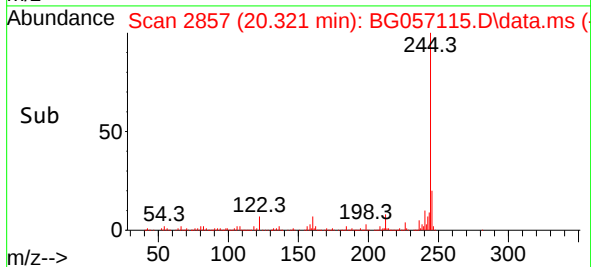
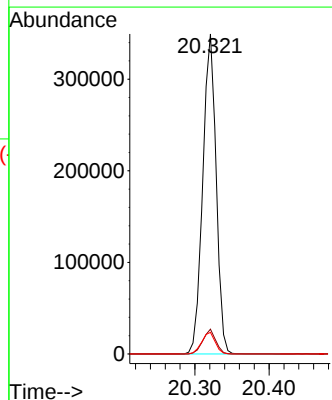
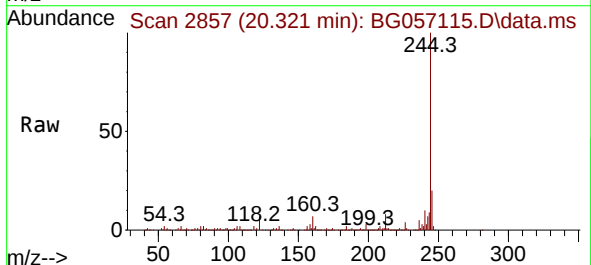
Instrument :
BNA_G
ClientSampleId :
20230341-COMP-19

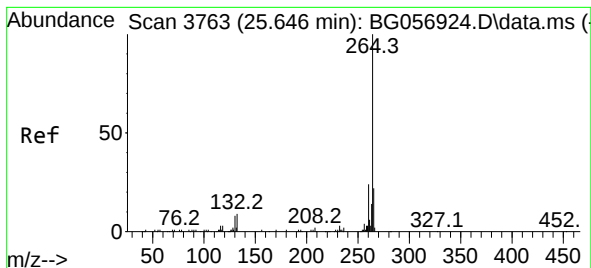
Tgt Ion:184 Resp: 7349
Ion Ratio Lower Upper
184 100
185 17.1 11.0 16.4#
183 12.9 11.4 17.0



#79
Terphenyl-d14
Concen: 79.564 ng
RT: 20.321 min Scan# 2857
Delta R.T. -0.004 min
Lab File: BG057115.D
Acq: 17 Apr 2023 17:47

Tgt Ion:244 Resp: 437133
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 6.8 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.602 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG057115.D

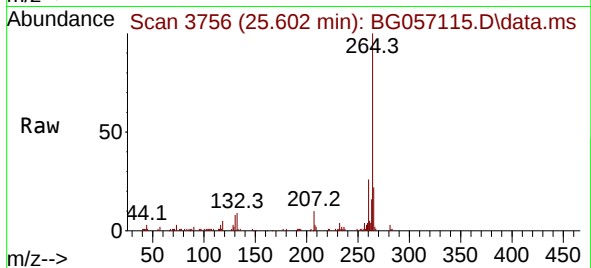
Acq: 17 Apr 2023 17:47

Instrument :

BNA_G

ClientSampleId :

20230341-COMP-19



Tgt Ion:264 Resp: 104379

Ion Ratio Lower Upper

264 100

260 25.6 19.0 28.4

265 22.3 17.8 26.6

