

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057648.D
 Acq On : 6 Jun 2023 22:22
 Operator : CG/JU
 Sample : 03001-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP16-0A

Quant Time: Jun 07 02:51:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

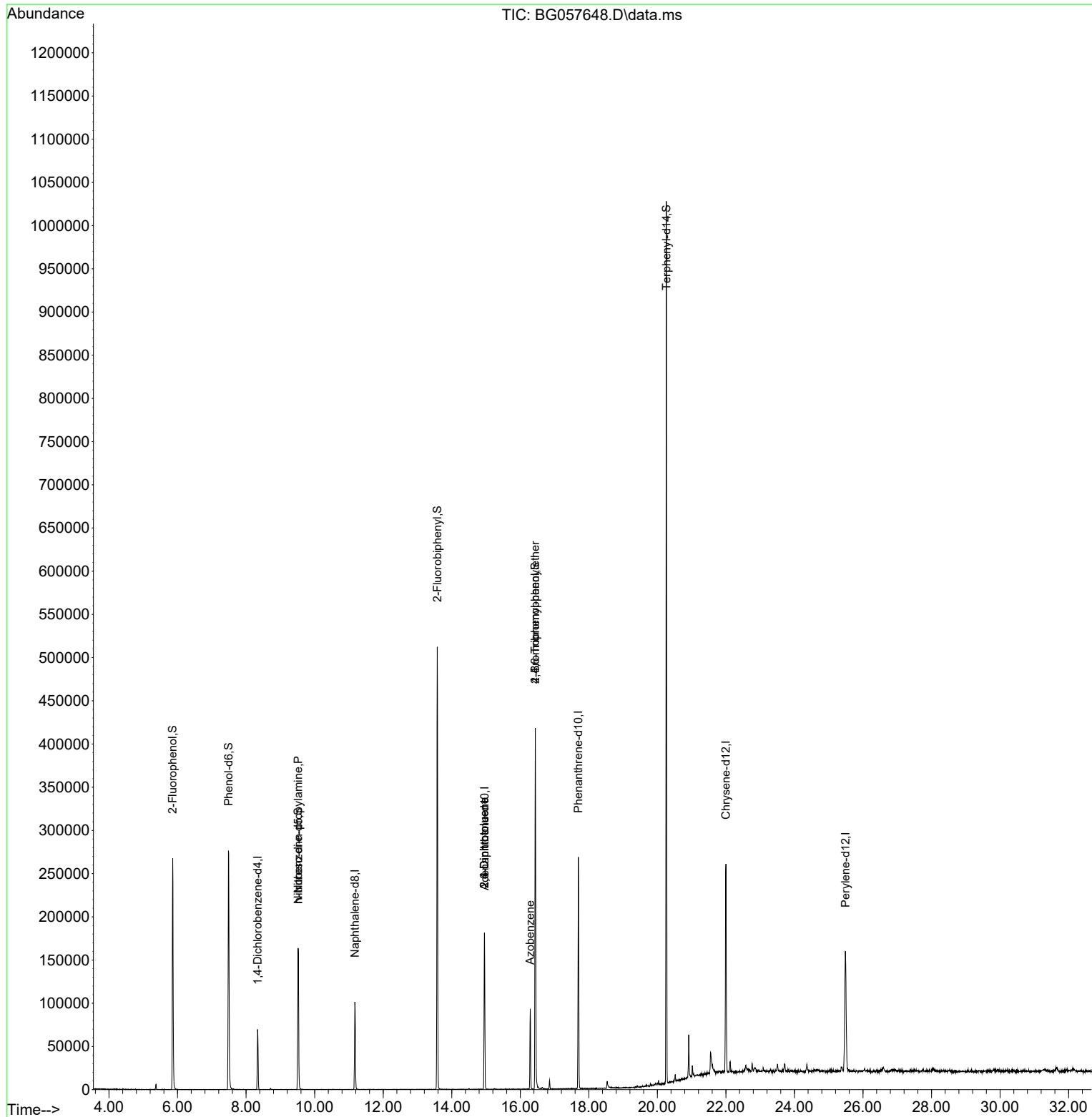
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	21528	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	91709	20.000	ng	0.00
39) Acenaphthene-d10	14.958	164	68675	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	174905	20.000	ng	0.00
76) Chrysene-d12	22.001	240	152215	20.000	ng	0.00
86) Perylene-d12	25.491	264	161982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	124971	100.851	ng	0.00
7) Phenol-d6	7.486	99	188311	97.104	ng	0.00
23) Nitrobenzene-d5	9.518	82	115463	58.854	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	91298	83.036	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	281415	58.890	ng	0.00
79) Terphenyl-d14	20.262	244	512888	58.367	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.518	70	15188	11.273	ng	Qvalue
51) 2,6-Dinitrotoluene	14.952	165	9029	7.452	ng	# 72
57) 2,4-Dinitrotoluene	14.952	165	9029	4.977	ng	# 25
63) Azobenzene	16.291	77	27757	5.283	ng	# 1
67) 4-Bromophenyl-phenylether	16.438	248	6275	3.198	ng	# 1

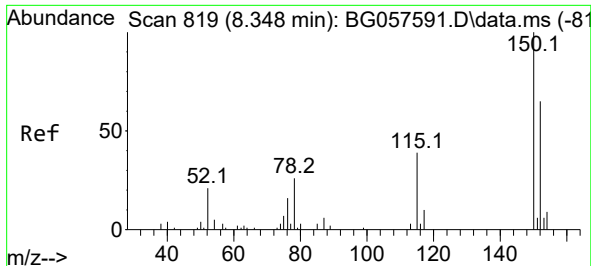
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
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BNA_G
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Quant Time: Jun 07 02:51:07 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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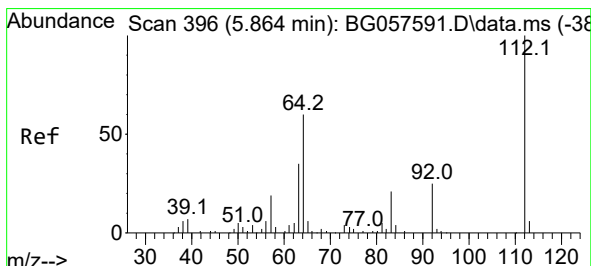
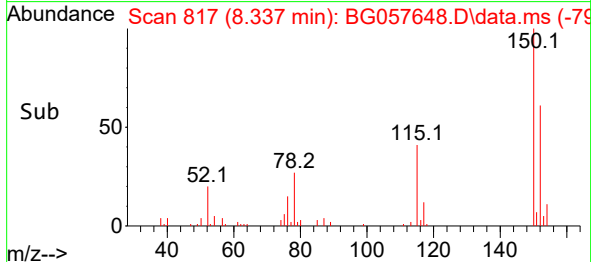
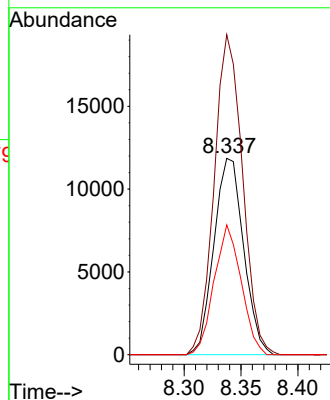
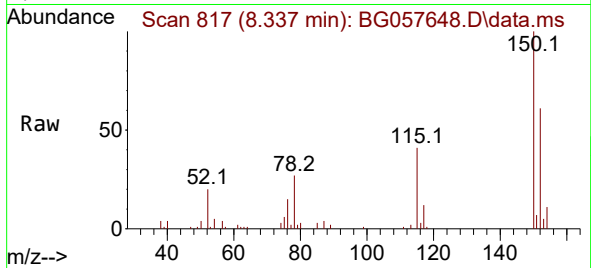




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 819
Delta R.T. 0.003 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

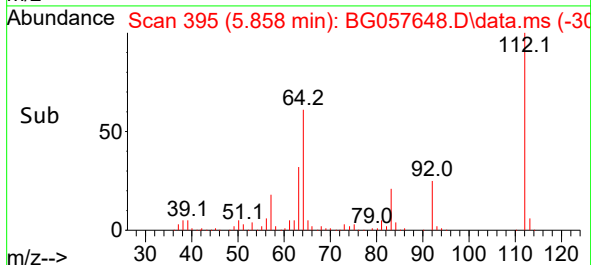
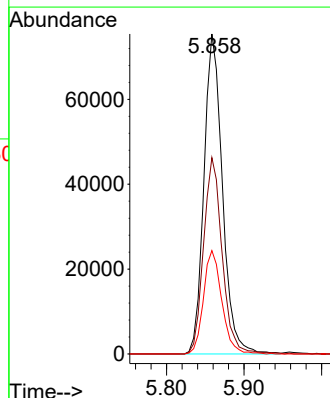
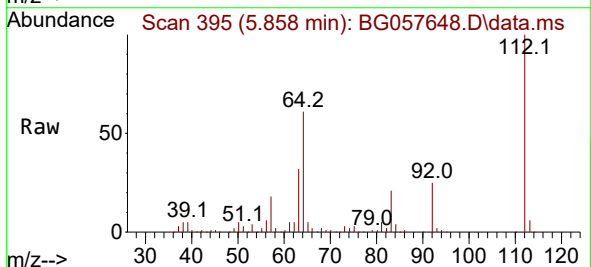
Instrument :
BNA_G
ClientSampleId :
TP16-0A

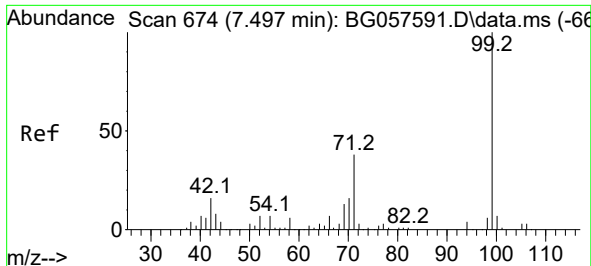
Tgt Ion:152 Resp: 21528
Ion Ratio Lower Upper
152 100
150 163.0 123.0 184.4
115 66.1 47.4 71.2



#5
2-Fluorophenol
Concen: 100.851 ng
RT: 5.858 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

Tgt Ion:112 Resp: 124971
Ion Ratio Lower Upper
112 100
64 61.4 47.8 71.6
63 32.3 27.8 41.8

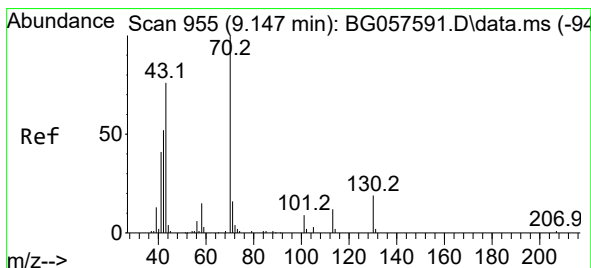
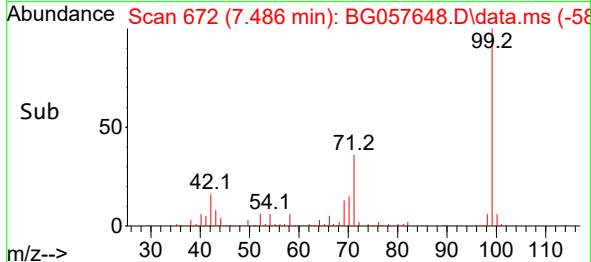
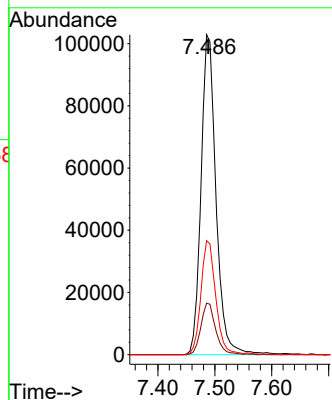
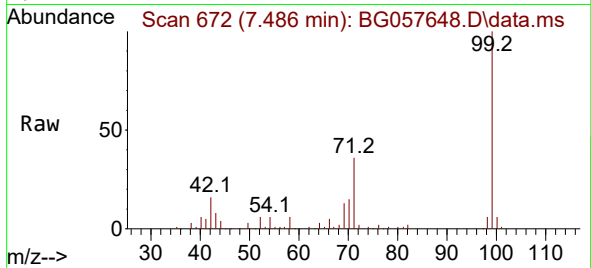




#7
Phenol-d6
Concen: 97.104 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

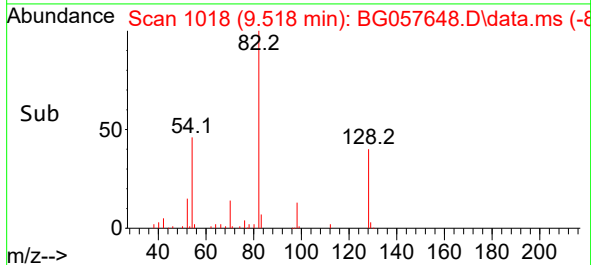
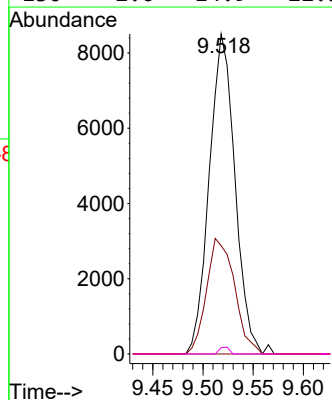
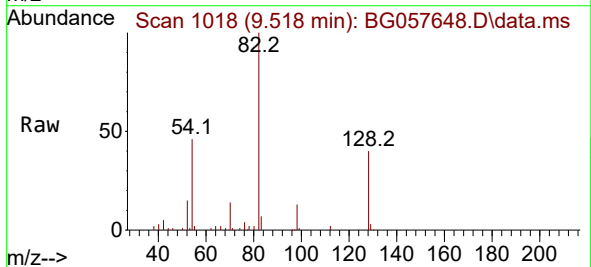
Instrument :
BNA_G
ClientSampleId :
TP16-0A

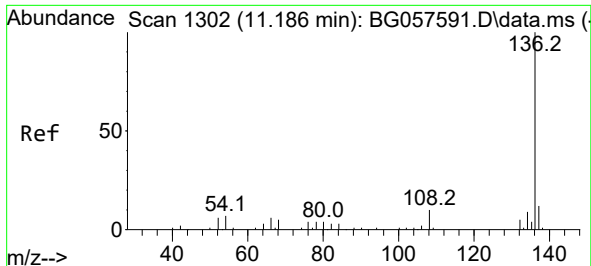
Tgt Ion: 99 Resp: 188311
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 35.7 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.273 ng
RT: 9.518 min Scan# 1018
Delta R.T. 0.380 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

Tgt Ion: 70 Resp: 15188
Ion Ratio Lower Upper
70 100
42 33.8 41.4 62.0#
101 0.0 6.9 10.3#
130 2.0 14.9 22.3#

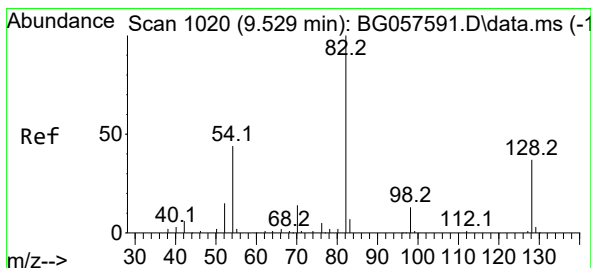
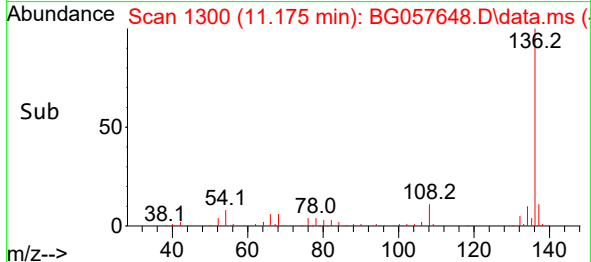
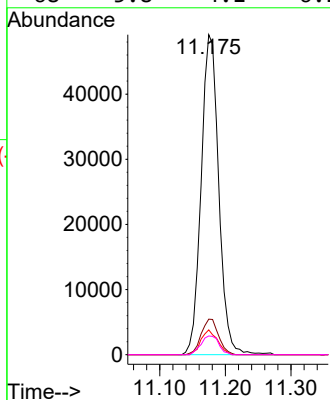
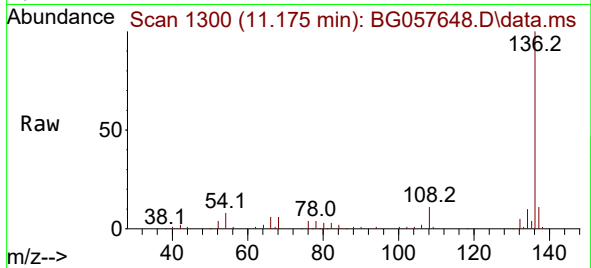




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

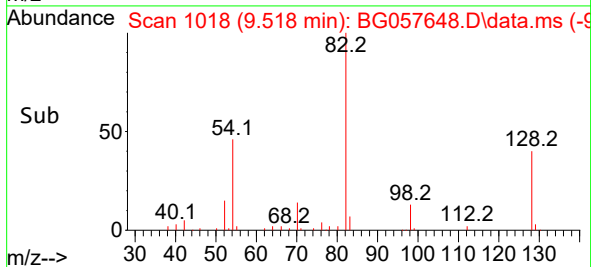
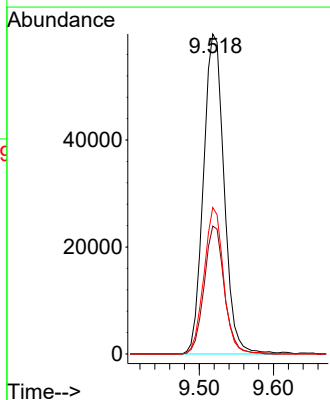
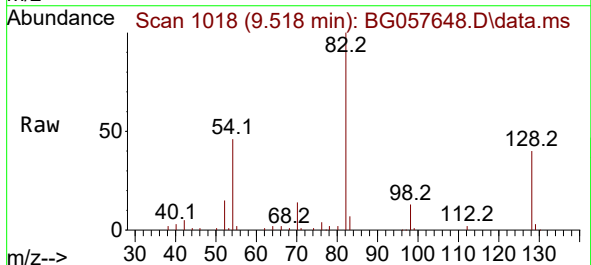
Instrument :
BNA_G
ClientSampleId :
TP16-0A

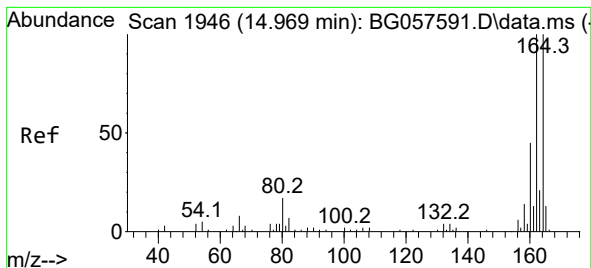
Tgt Ion:136 Resp: 91709
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.8
54 7.7 5.8 8.6
68 5.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 58.854 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

Tgt Ion: 82 Resp: 115463
Ion Ratio Lower Upper
82 100
128 39.9 30.0 45.0
54 45.8 35.2 52.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.958 min Scan# 1944

Delta R.T. -0.002 min

Lab File: BG057648.D

Acq: 6 Jun 2023 22:22

Instrument :

BNA_G

ClientSampleId :

TP16-0A

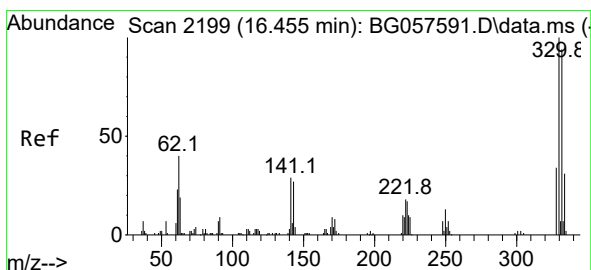
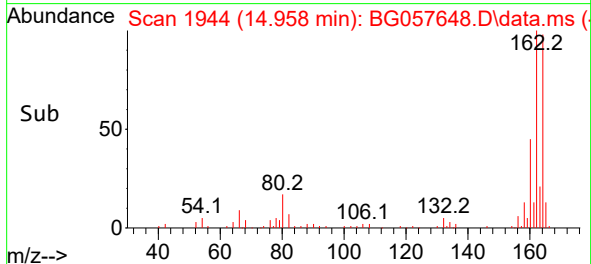
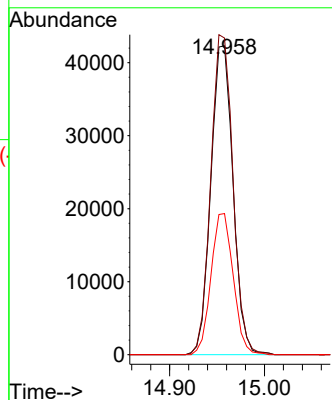
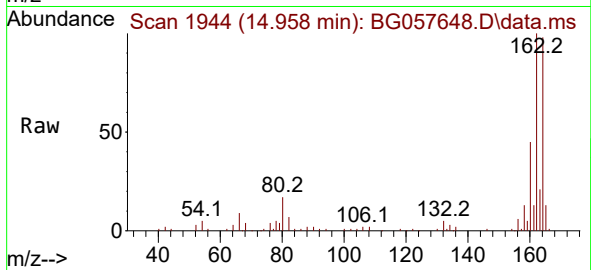
Tgt Ion:164 Resp: 68675

Ion Ratio Lower Upper

164 100

162 102.6 80.1 120.1

160 45.7 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 83.036 ng

RT: 16.438 min Scan# 2196

Delta R.T. -0.008 min

Lab File: BG057648.D

Acq: 6 Jun 2023 22:22

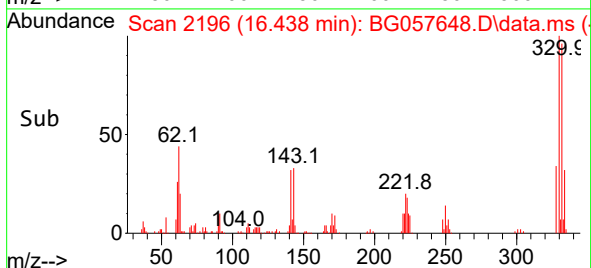
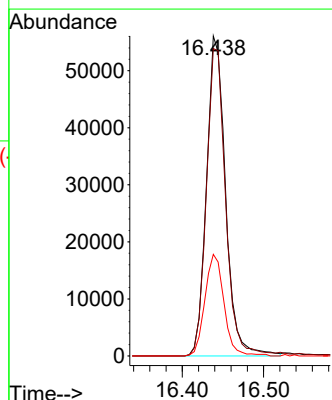
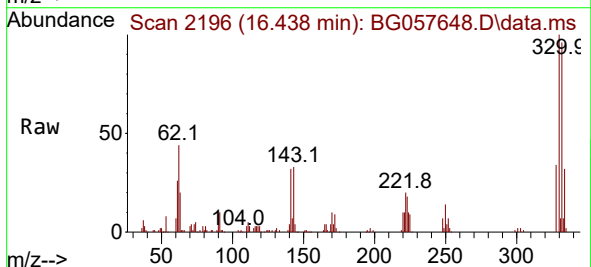
Tgt Ion:330 Resp: 91298

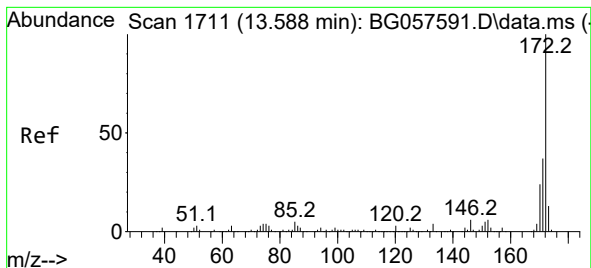
Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 31.8 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 58.890 ng

RT: 13.577 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057648.D

Acq: 6 Jun 2023 22:22

Instrument :

BNA_G

ClientSampleId :

TP16-0A

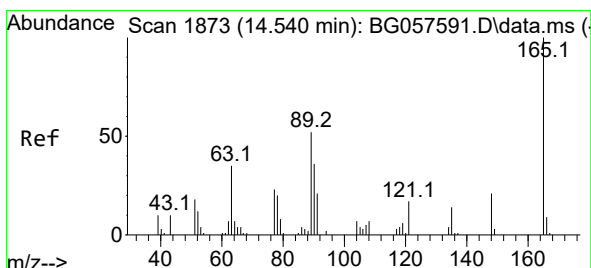
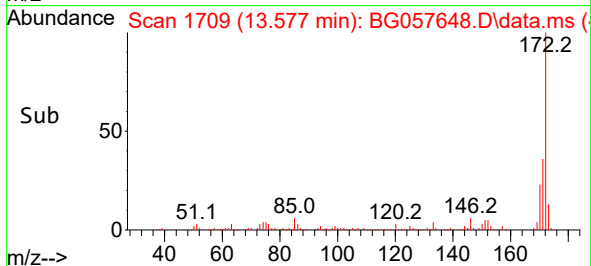
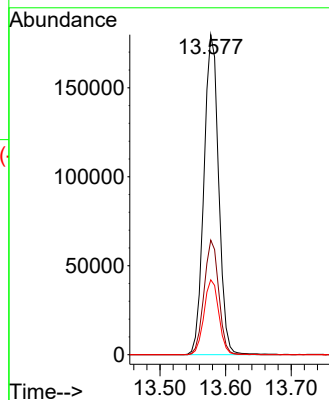
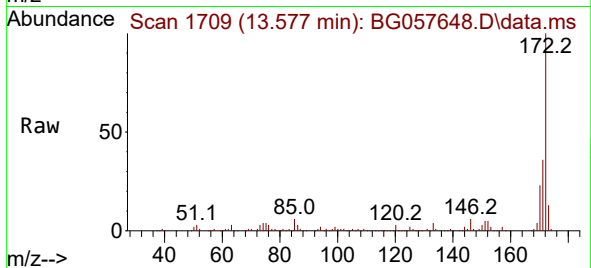
Tgt Ion:172 Resp: 281415

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

170 23.4 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.452 ng

RT: 14.952 min Scan# 1943

Delta R.T. 0.421 min

Lab File: BG057648.D

Acq: 6 Jun 2023 22:22

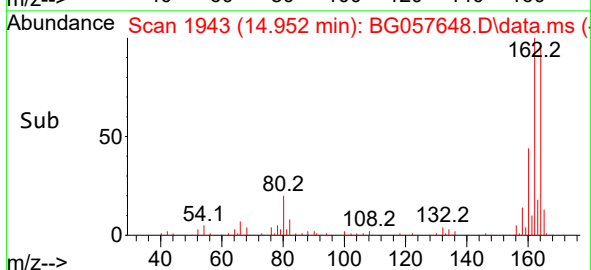
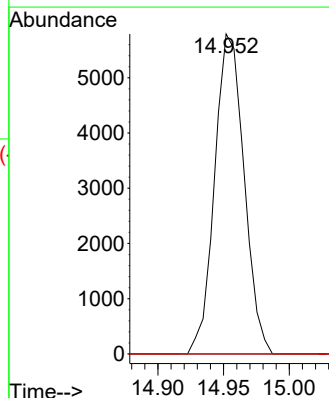
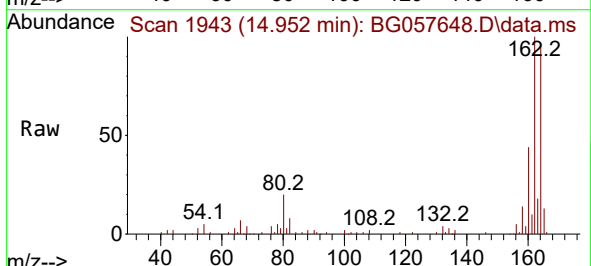
Tgt Ion:165 Resp: 9029

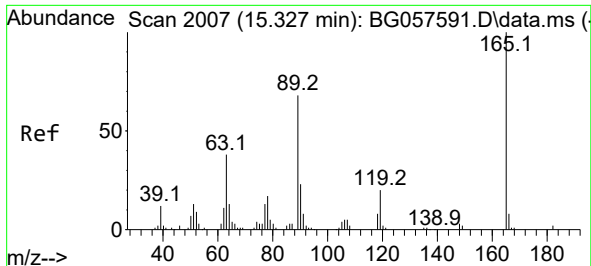
Ion Ratio Lower Upper

165 100

63 0.0 39.3 58.9#

89 0.0 41.5 62.3#





#57

2,4-Dinitrotoluene

Concen: 4.977 ng

RT: 14.952 min Scan# 1943

Delta R.T. -0.372 min

Lab File: BG057648.D

Acq: 6 Jun 2023 22:22

Instrument :

BNA_G

ClientSampleId :

TP16-0A

Tgt Ion:165 Resp: 9029

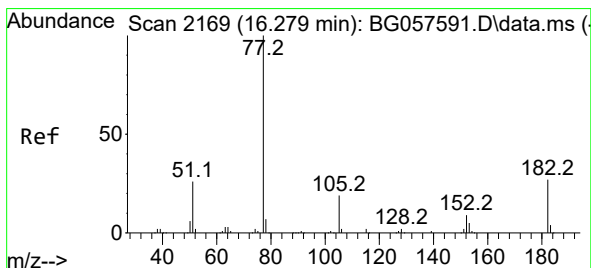
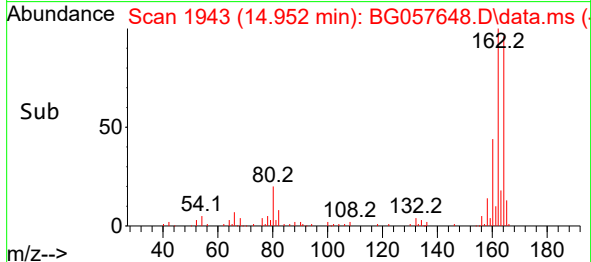
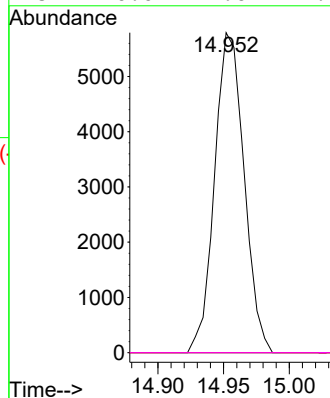
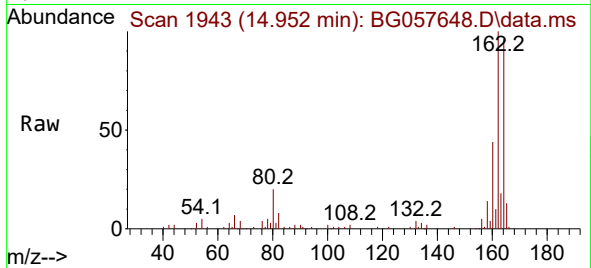
Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

89 0.0 54.2 81.2#

182 0.0 1.6 2.4#



#63

Azobenzene

Concen: 5.283 ng

RT: 16.291 min Scan# 2171

Delta R.T. 0.021 min

Lab File: BG057648.D

Acq: 6 Jun 2023 22:22

Tgt Ion: 77 Resp: 27757

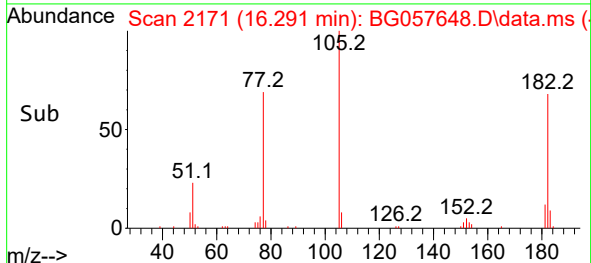
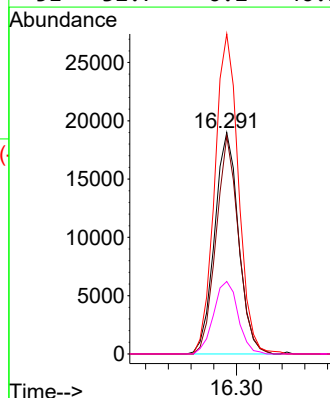
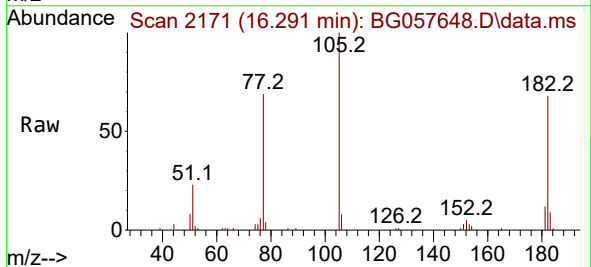
Ion Ratio Lower Upper

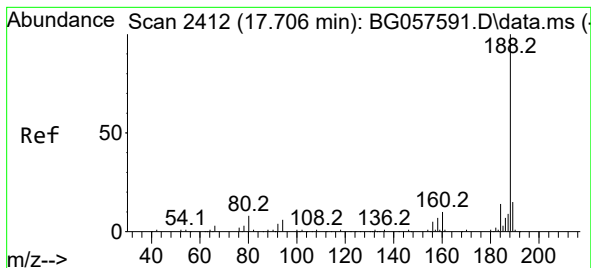
77 100

182 98.3 7.4 47.4#

105 144.5 0.0 39.4#

51 32.7 6.2 46.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.695 min Scan# 2412

Delta R.T. -0.002 min

Lab File: BG057648.D

Acq: 6 Jun 2023 22:22

Instrument :

BNA_G

ClientSampleId :

TP16-0A

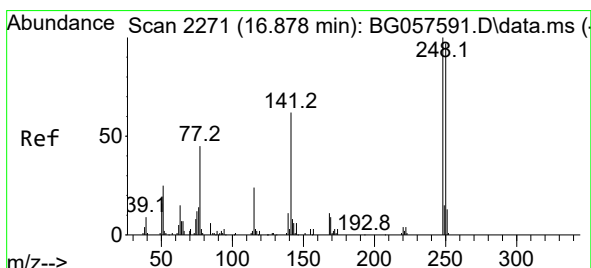
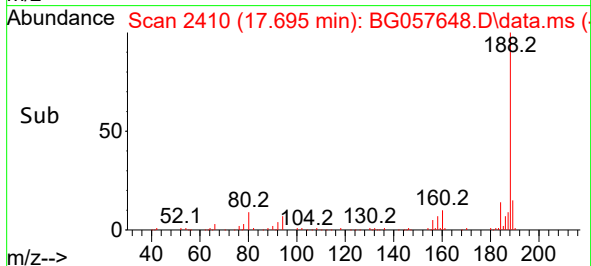
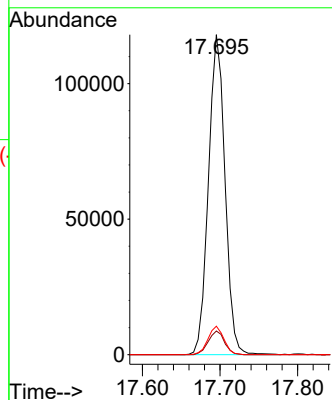
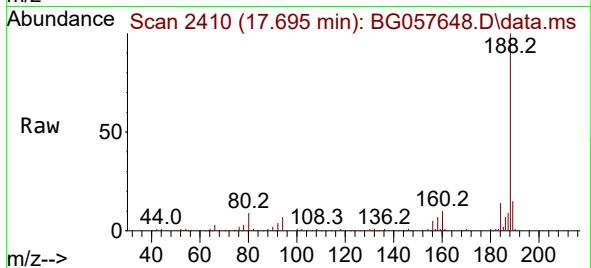
Tgt Ion:188 Resp: 174905

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

80 8.9 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 3.198 ng

RT: 16.438 min Scan# 2196

Delta R.T. -0.431 min

Lab File: BG057648.D

Acq: 6 Jun 2023 22:22

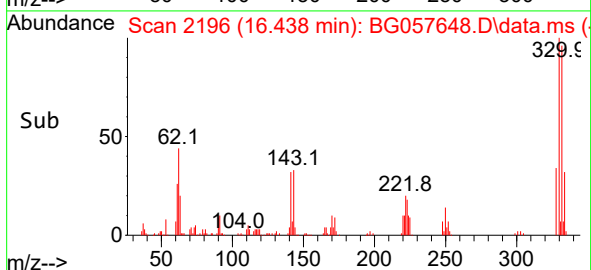
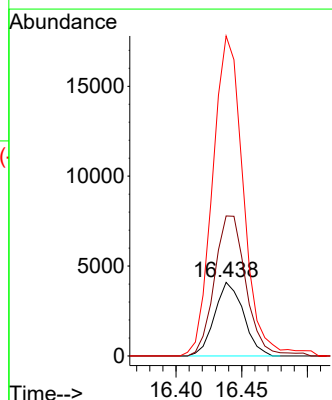
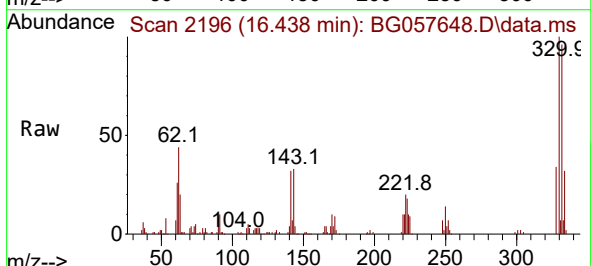
Tgt Ion:248 Resp: 6275

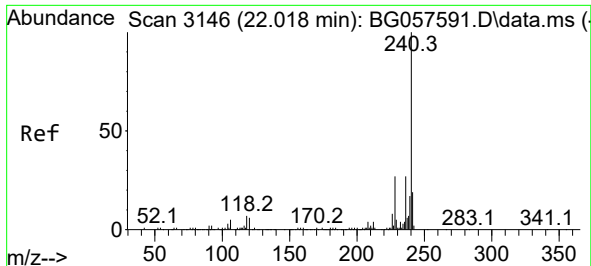
Ion Ratio Lower Upper

248 100

250 190.0 77.4 116.2#

141 434.6 49.4 74.0#

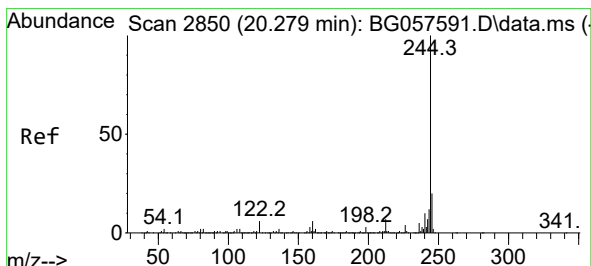
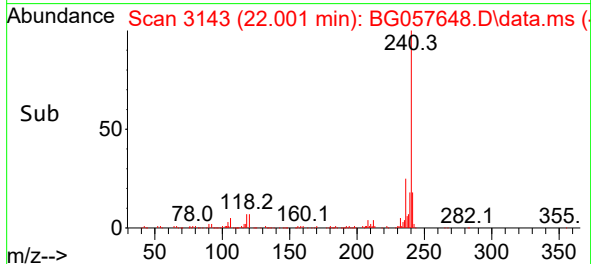
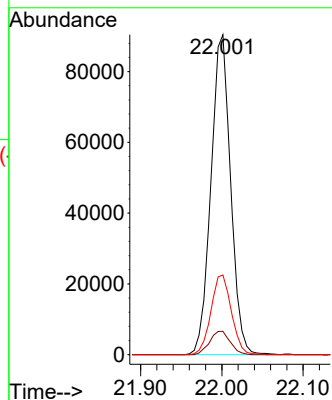
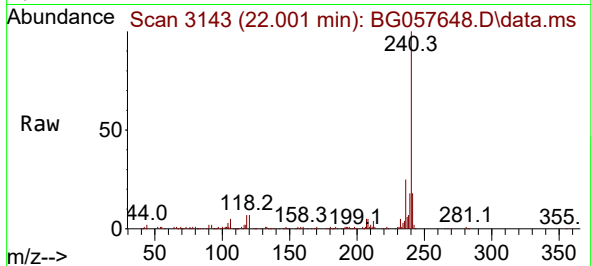




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

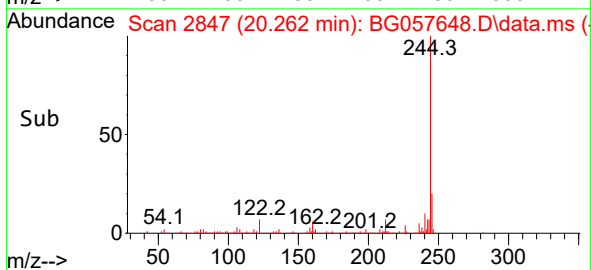
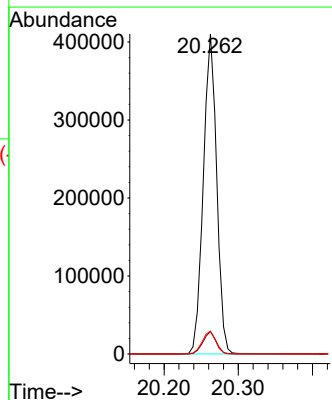
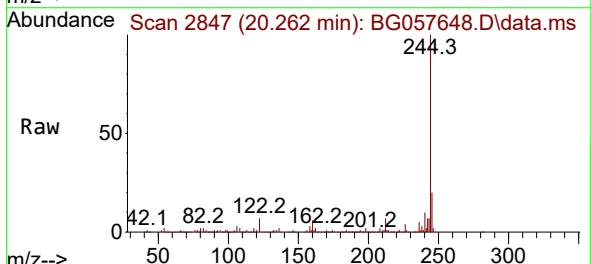
Instrument :
BNA_G
ClientSampleId :
TP16-0A

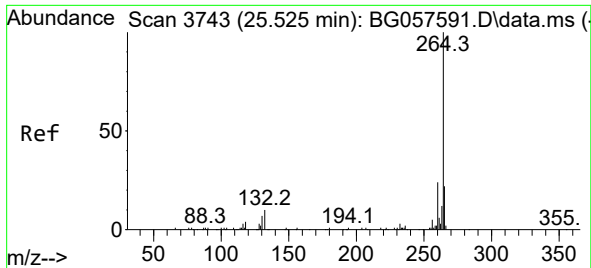
Tgt Ion:240 Resp: 152215
Ion Ratio Lower Upper
240 100
120 7.3 5.2 7.8
236 24.9 21.4 32.0



#79
Terphenyl-d14
Concen: 58.367 ng
RT: 20.262 min Scan# 2847
Delta R.T. -0.002 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

Tgt Ion:244 Resp: 512888
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 7.1 4.8 7.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.491 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

Instrument :
BNA_G
ClientSampleId :
TP16-0A

Tgt Ion:264 Resp: 161982

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.3	17.7	26.5

