

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057789.D
 Acq On : 21 Jun 2023 18:03
 Operator : CG/JU
 Sample : 03289-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 04:51:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

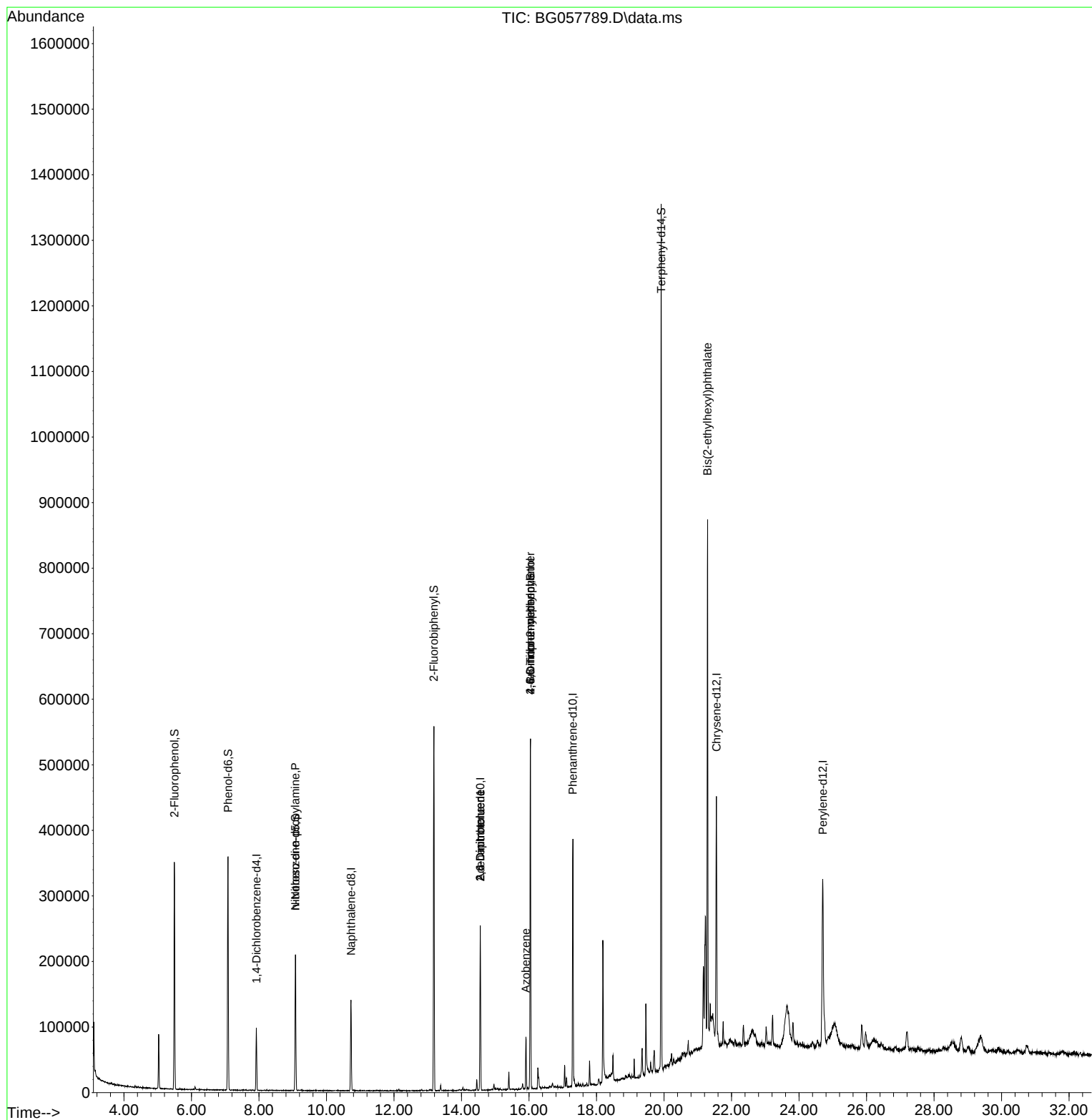
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	25265	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	114906	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	87400	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	238852	20.000	ng	0.00
76) Chrysene-d12	21.555	240	217853	20.000	ng	0.00
86) Perylene-d12	24.704	264	268945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	140275	85.609	ng	0.00
7) Phenol-d6	7.084	99	209258	83.697	ng	0.00
23) Nitrobenzene-d5	9.081	82	119708	53.468	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	110192	90.509	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	300430	52.137	ng	0.00
79) Terphenyl-d14	19.916	244	645896	55.284	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.081	70	15185	8.712	ng	# 78
51) 2,6-Dinitrotoluene	14.557	165	11504	9.306	ng	# 21
57) 2,4-Dinitrotoluene	14.557	165	11504	6.863	ng	# 21
63) Azobenzene	15.909	77	22860	3.245	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.044	198	225	5.494	ng	# 1
67) 4-Bromophenyl-phenylether	16.044	248	7021	2.772	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.290	149	325091	37.875	ng	# 53

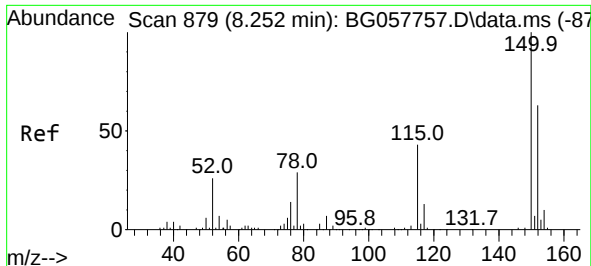
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
Data File : BG057789.D
Acq On : 21 Jun 2023 18:03
Operator : CG/JU
Sample : 03289-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 22 04:51:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

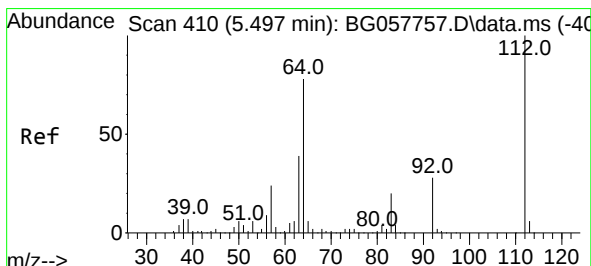
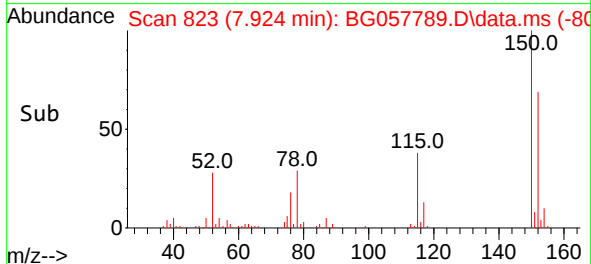
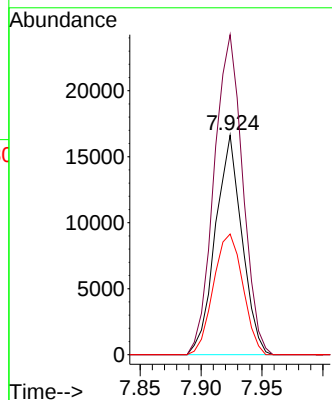
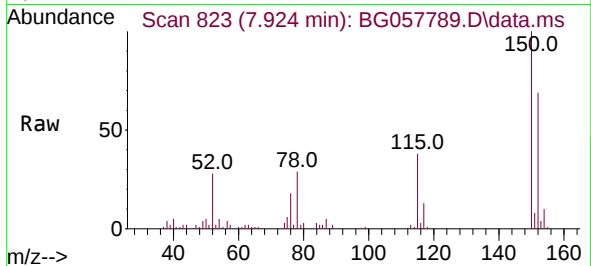




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

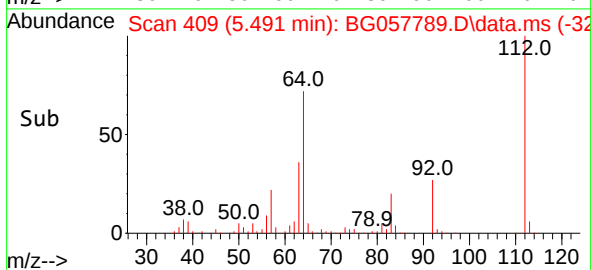
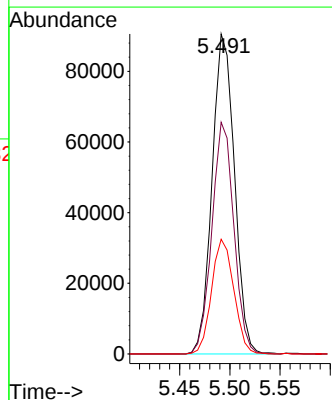
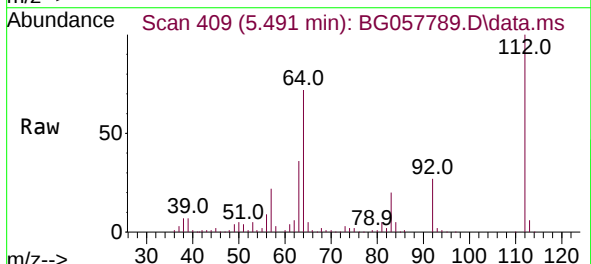
Instrument :
BNA_G
ClientSampleId :

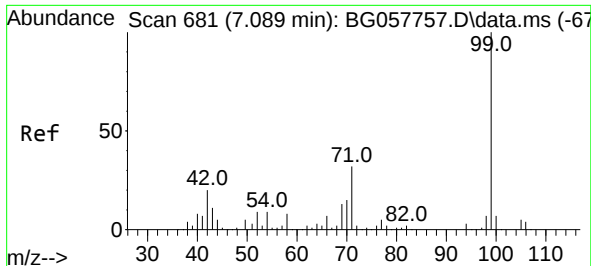
Tgt Ion:152 Resp: 25265
Ion Ratio Lower Upper
152 100
150 145.7 126.6 189.8
115 55.0 48.9 73.3



#5
2-Fluorophenol
Concen: 85.609 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

Tgt Ion:112 Resp: 140275
Ion Ratio Lower Upper
112 100
64 72.4 62.1 93.1
63 35.8 31.5 47.3

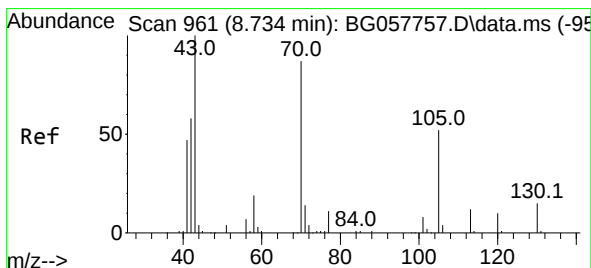
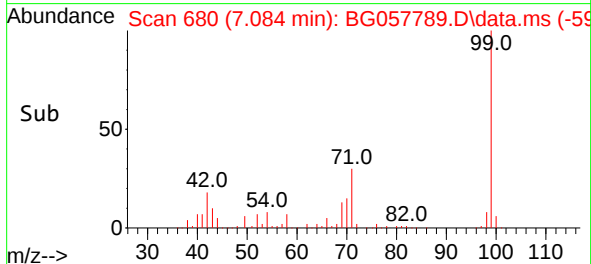
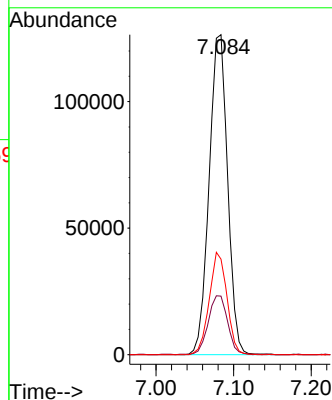
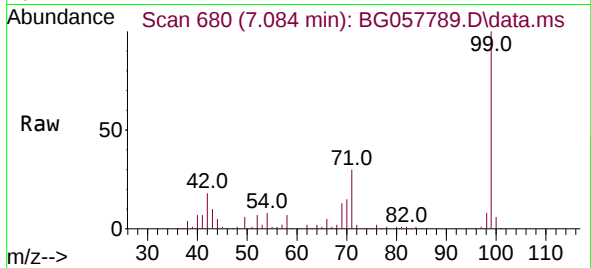




#7
Phenol-d6
Concen: 83.697 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

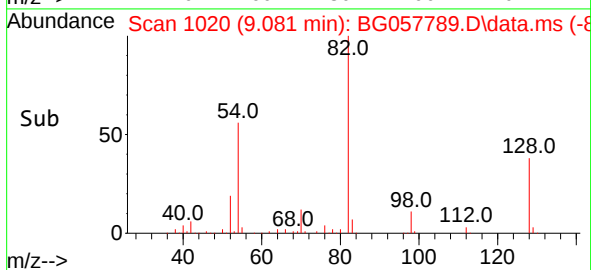
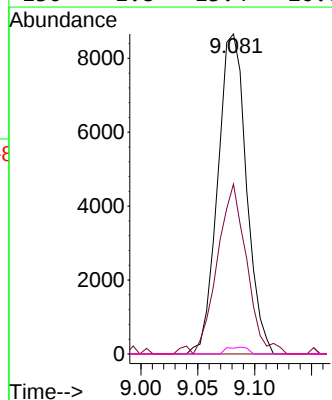
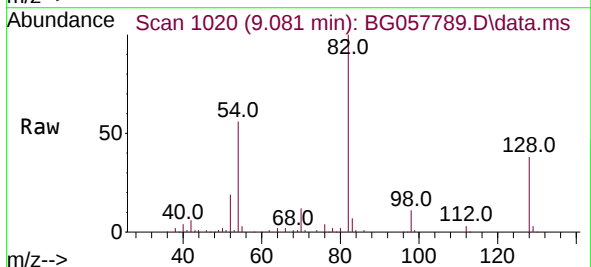
Instrument :
BNA_G
ClientSampleId :

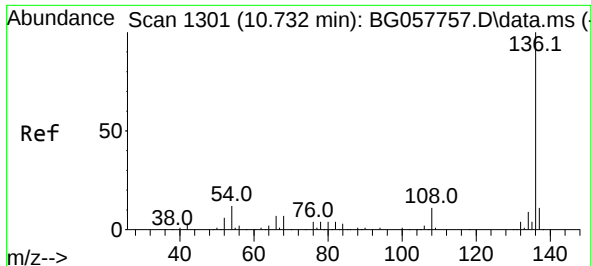
Tgt Ion: 99 Resp: 209258
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 29.8 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 8.712 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

Tgt Ion: 70 Resp: 15185
Ion Ratio Lower Upper
70 100
42 53.1 54.2 81.2#
101 0.0 7.4 11.0#
130 1.8 13.4 20.0#

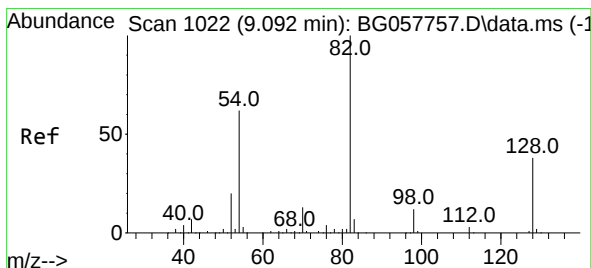
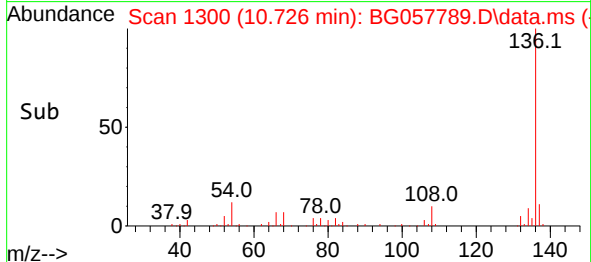
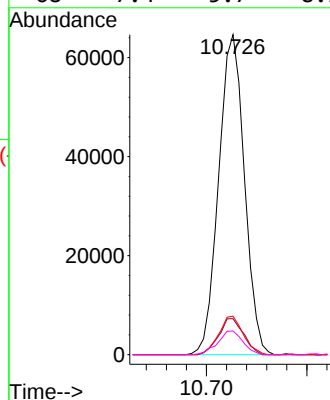
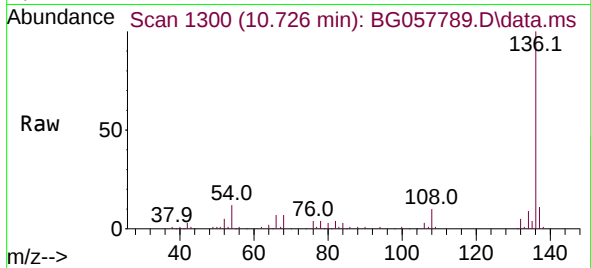




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

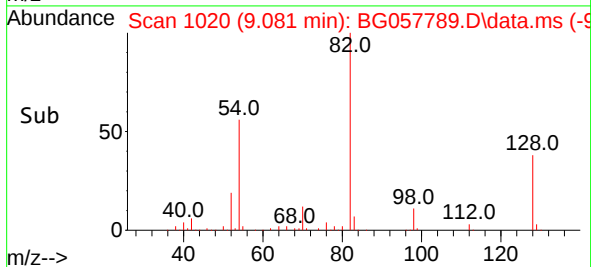
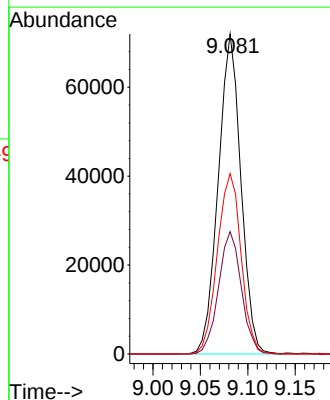
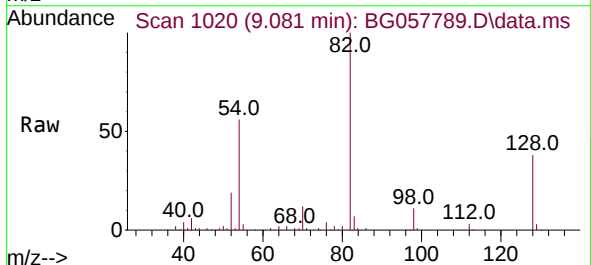
Instrument :
BNA_G
ClientSampleId :

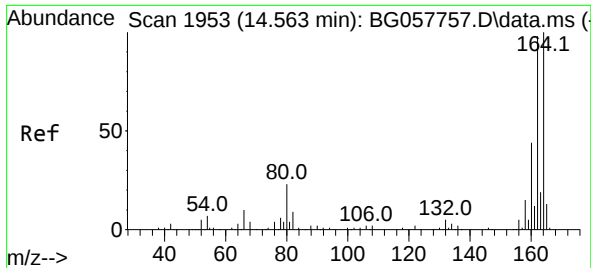
Tgt Ion:	136	Resp:	114906
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	12.1	9.5	14.3
68	7.4	5.7	8.5



#23
Nitrobenzene-d5
Concen: 53.468 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

Tgt Ion:	82	Resp:	119708
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.7	46.1
54	56.4	49.6	74.4

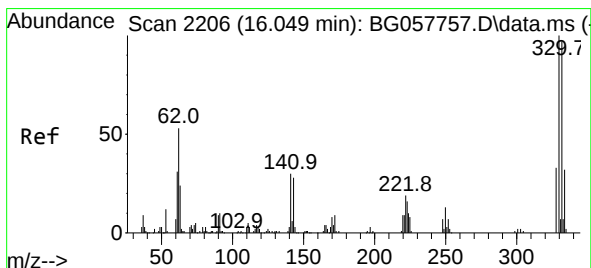
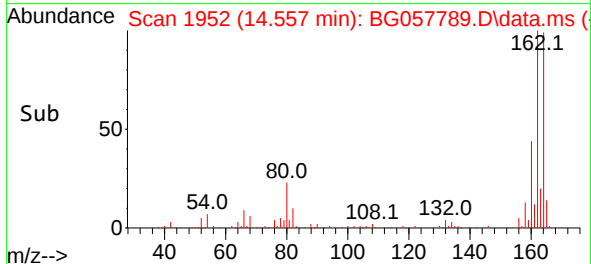
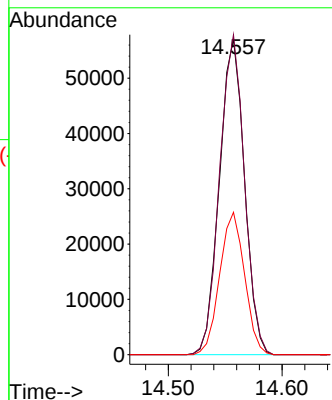
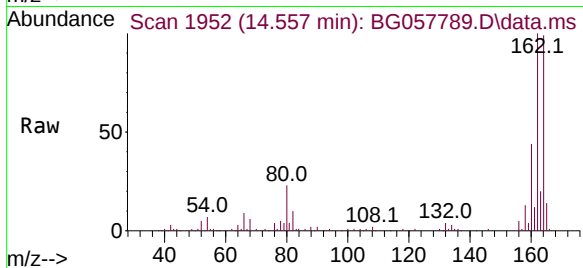




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

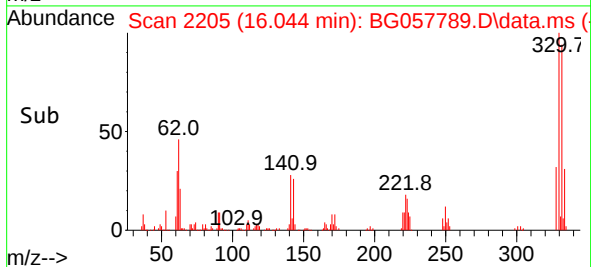
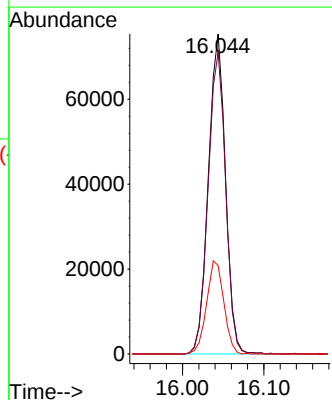
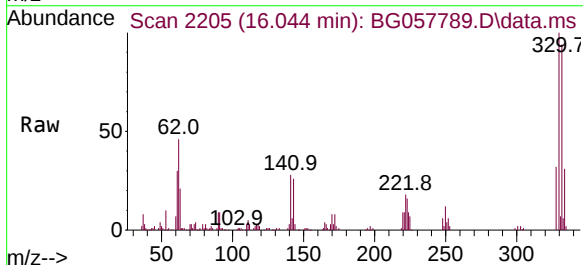
Instrument :
BNA_G
ClientSampleId :

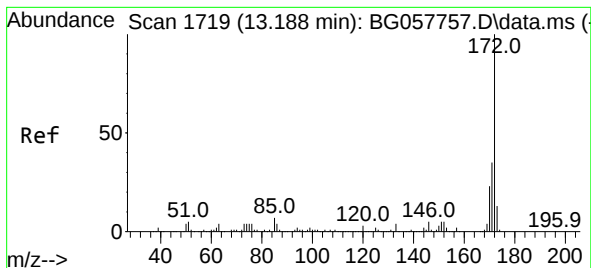
Tgt Ion:164 Resp: 87400
Ion Ratio Lower Upper
164 100
162 101.4 78.3 117.5
160 45.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 90.509 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

Tgt Ion:330 Resp: 110192
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 29.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 52.137 ng

RT: 13.182 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

Instrument :

BNA_G

ClientSampleId :

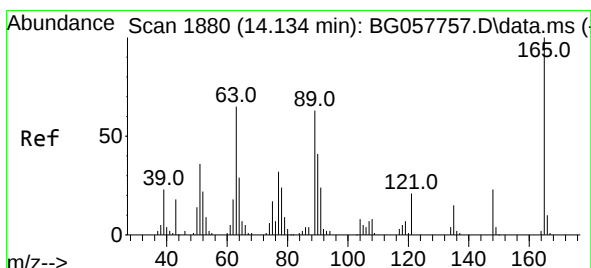
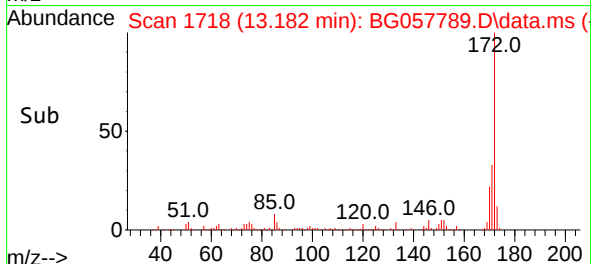
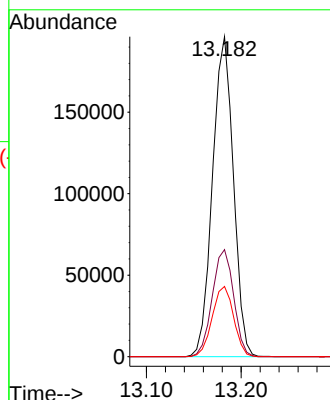
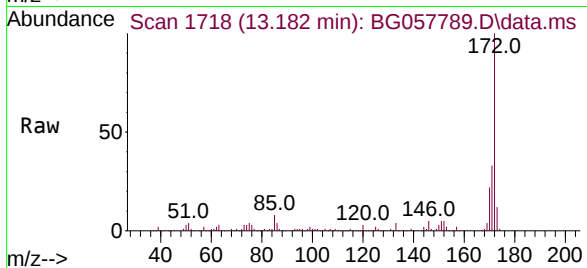
Tgt Ion:172 Resp: 300430

Ion Ratio Lower Upper

172 100

171 33.5 28.1 42.1

170 22.0 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.306 ng

RT: 14.557 min Scan# 1952

Delta R.T. 0.423 min

Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

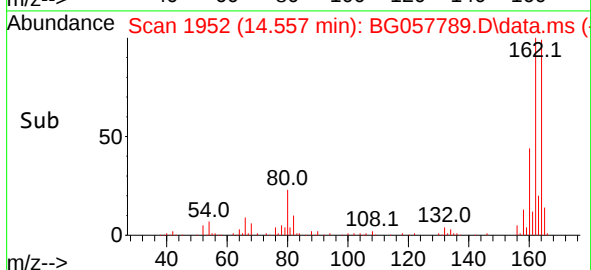
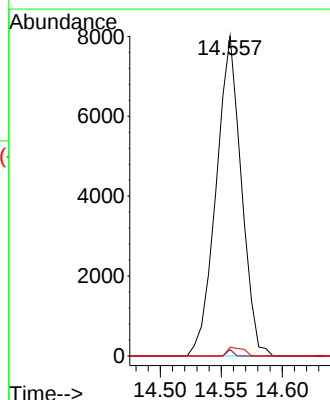
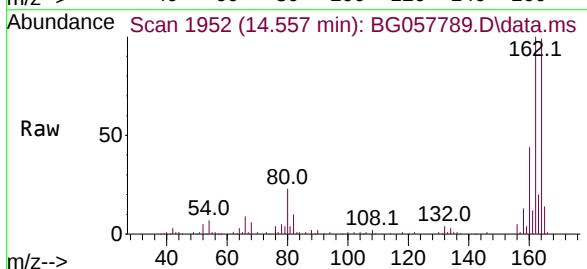
Tgt Ion:165 Resp: 11504

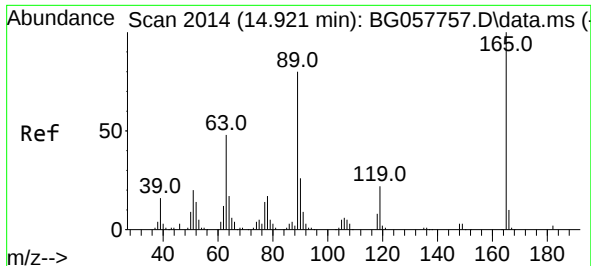
Ion Ratio Lower Upper

165 100

63 2.0 52.8 79.2#

89 2.7 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.863 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.364 min

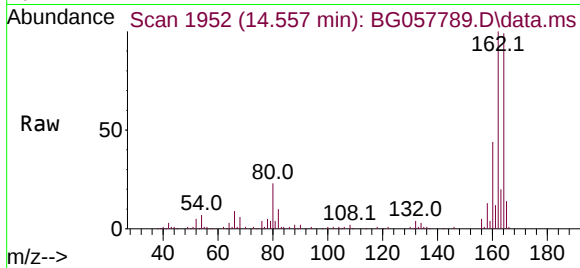
Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 11504

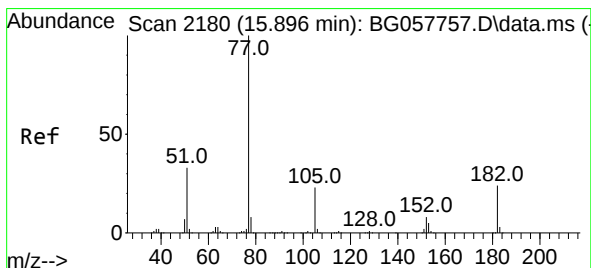
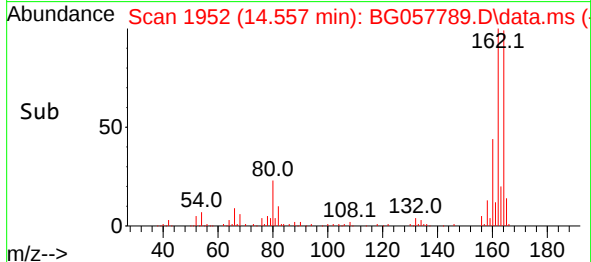
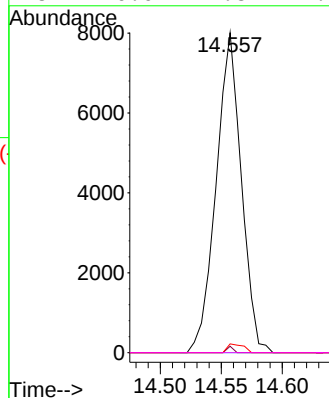
Ion Ratio Lower Upper

165 100

63 2.0 38.6 58.0#

89 2.7 63.7 95.5#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 3.245 ng

RT: 15.909 min Scan# 2182

Delta R.T. 0.012 min

Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

Tgt Ion: 77 Resp: 22860

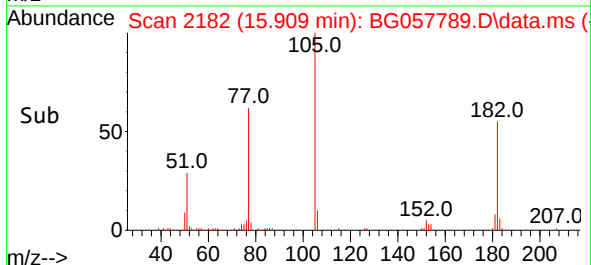
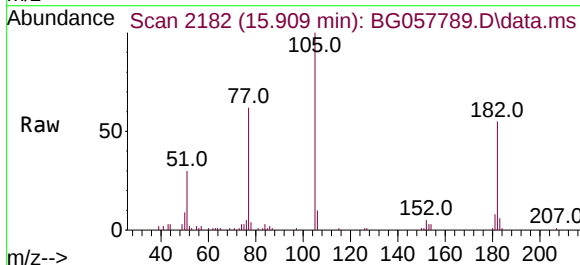
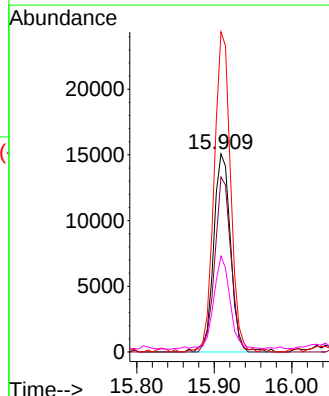
Ion Ratio Lower Upper

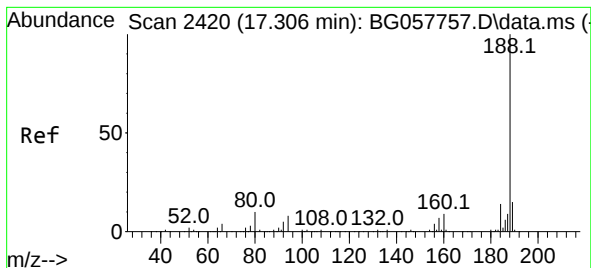
77 100

182 88.4 4.1 44.1#

105 161.6 3.3 43.3#

51 48.4 13.4 53.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

Instrument :

BNA_G

ClientSampleId :

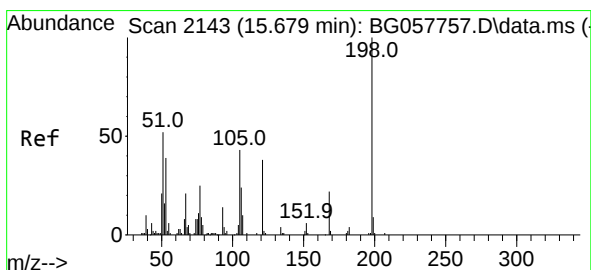
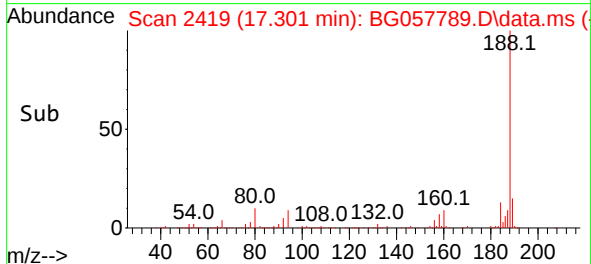
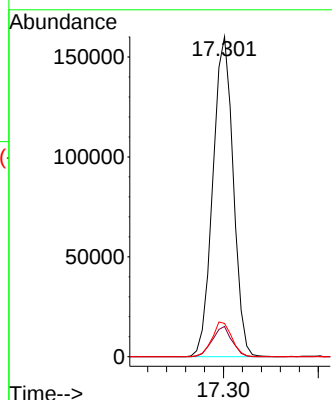
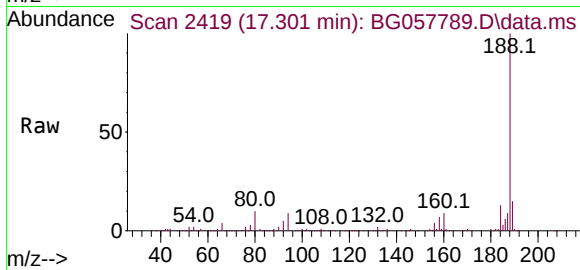
Tgt Ion:188 Resp: 238852

Ion Ratio Lower Upper

188 100

94 9.5 6.6 9.8

80 10.4 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.494 ng

RT: 16.044 min Scan# 2205

Delta R.T. 0.365 min

Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

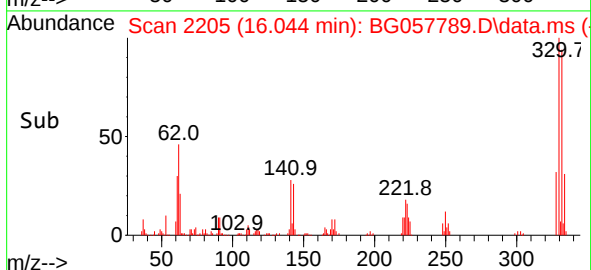
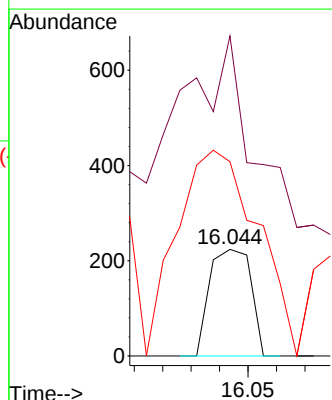
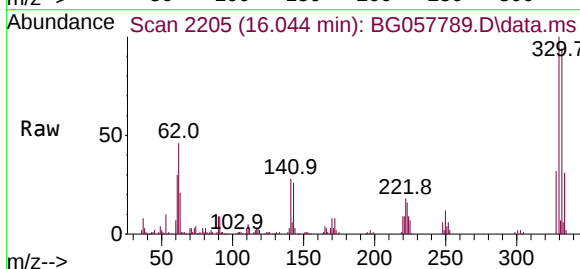
Tgt Ion:198 Resp: 225

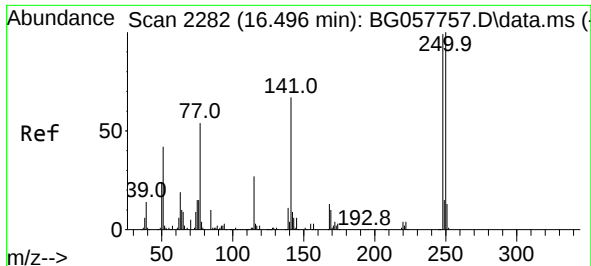
Ion Ratio Lower Upper

198 100

51 300.0 36.6 76.6#

105 182.1 24.3 64.3#

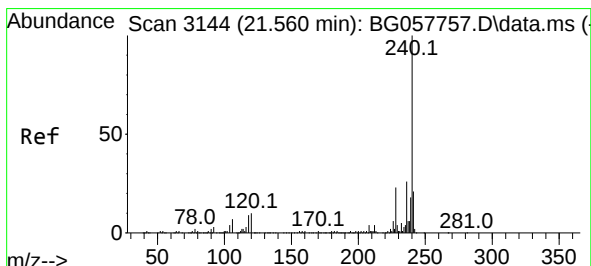
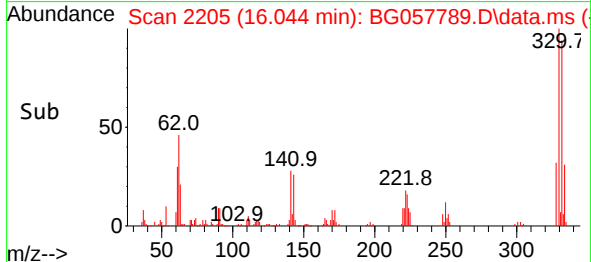
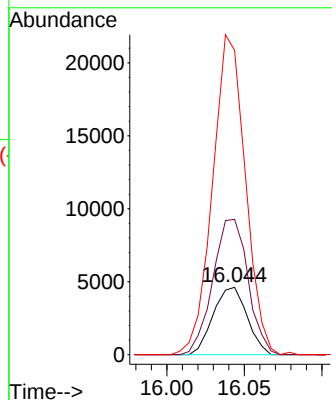
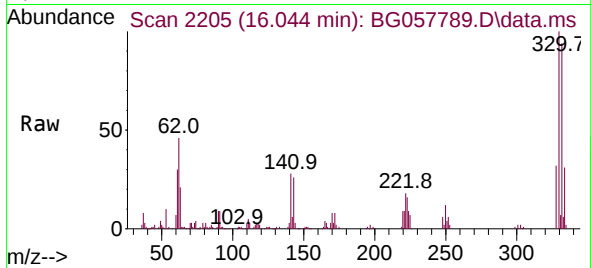




#67
4-Bromophenyl-phenylether
Concen: 2.772 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

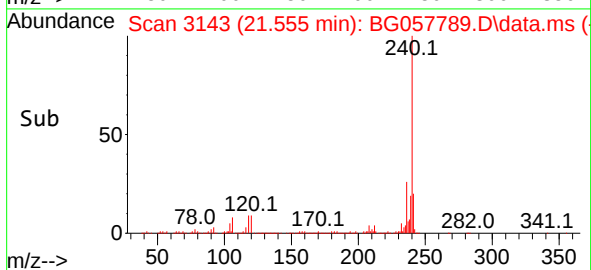
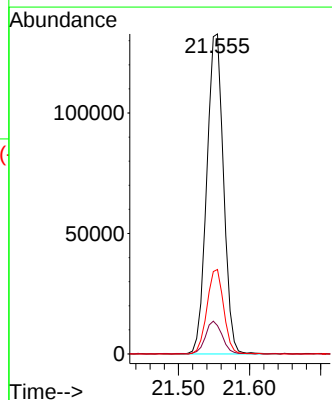
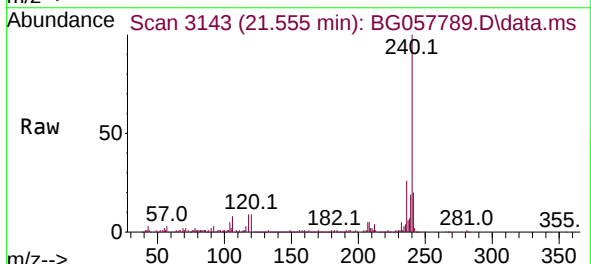
Instrument :
BNA_G
ClientSampleId :

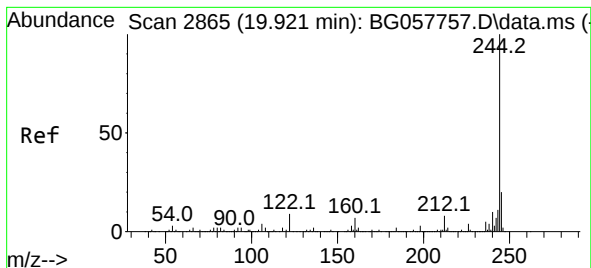
Tgt Ion:248 Resp: 7021
Ion Ratio Lower Upper
248 100
250 200.7 81.1 121.7#
141 451.4 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG057789.D
Acq: 21 Jun 2023 18:03

Tgt Ion:240 Resp: 217853
Ion Ratio Lower Upper
240 100
120 8.8 8.1 12.1
236 26.4 20.6 30.8





#79

Terphenyl-d14

Concen: 55.284 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

Instrument :

BNA_G

ClientSampleId :

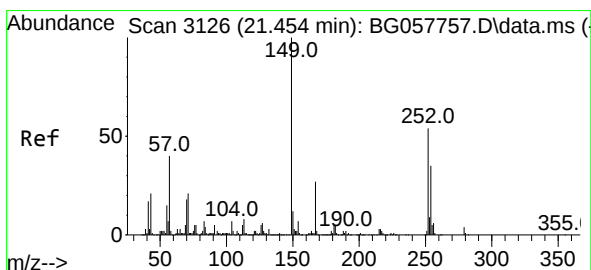
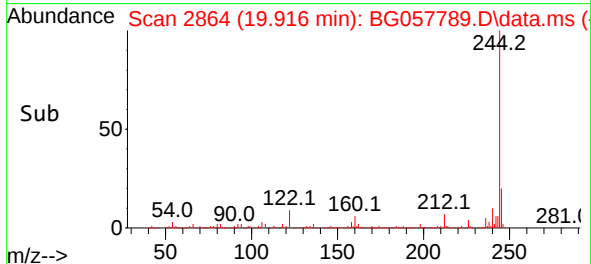
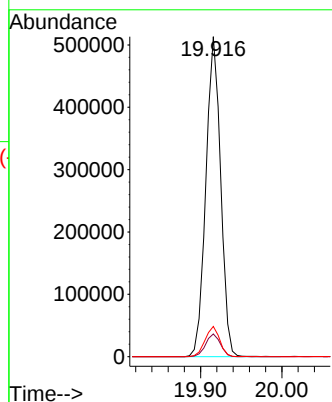
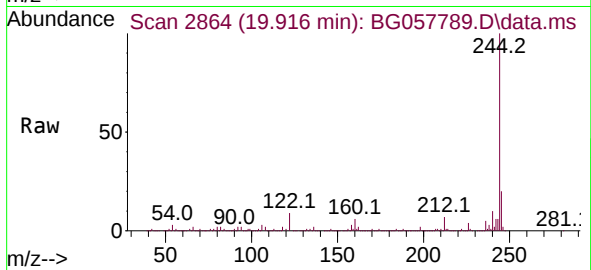
Tgt Ion:244 Resp: 645896

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 9.4 7.6 11.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.875 ng

RT: 21.290 min Scan# 3098

Delta R.T. -0.164 min

Lab File: BG057789.D

Acq: 21 Jun 2023 18:03

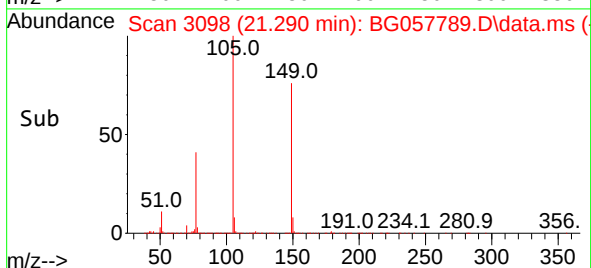
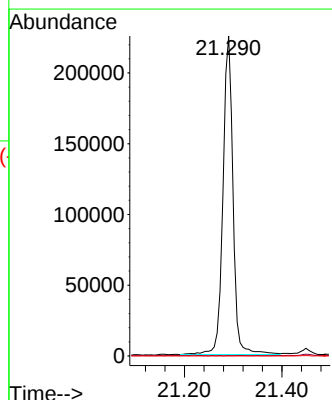
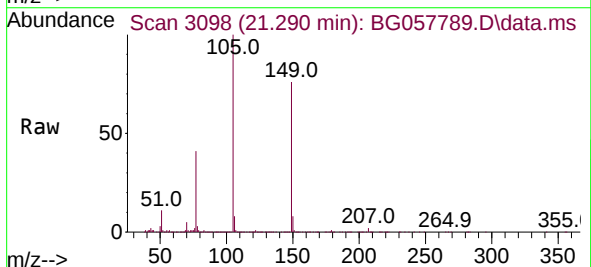
Tgt Ion:149 Resp: 325091

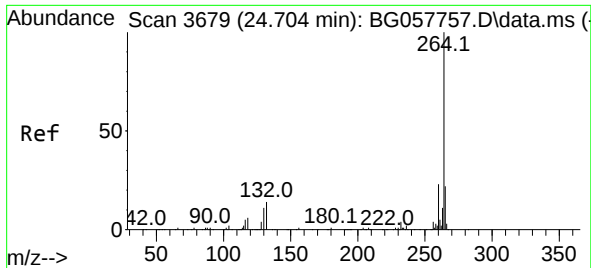
Ion Ratio Lower Upper

149 100

167 0.1 21.8 32.8#

279 0.0 2.9 4.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.704 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BG057789.D
 Acq: 21 Jun 2023 18:03

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:264 Resp: 268945
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 21.8 17.4 26.2

