

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057791.D
 Acq On : 21 Jun 2023 19:25
 Operator : CG/JU
 Sample : 03289-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 04:52:10 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)

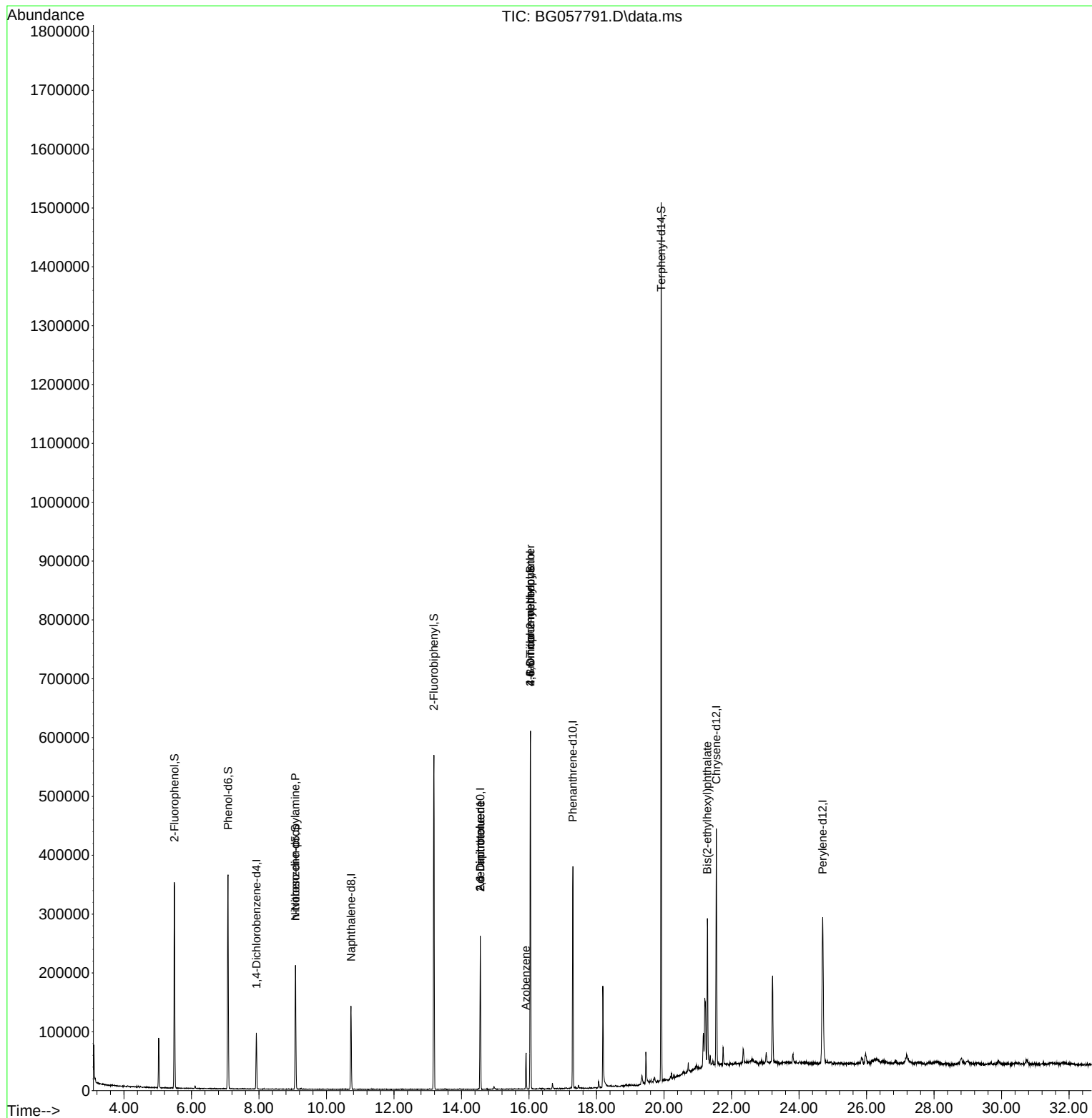
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	25816	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	115496	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	87375	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	237088	20.000	ng	0.00
76) Chrysene-d12	21.548	240	217526	20.000	ng	-0.01
86) Perylene-d12	24.697	264	265693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	147900	88.336	ng	0.00
7) Phenol-d6	7.083	99	213161	83.438	ng	0.00
23) Nitrobenzene-d5	9.080	82	124179	55.182	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	125485	103.099	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	309414	53.711	ng	0.00
79) Terphenyl-d14	19.915	244	747733	64.097	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.080	70	15017	8.431	ng	# 78
51) 2,6-Dinitrotoluene	14.556	165	11319	9.159	ng	# 18
57) 2,4-Dinitrotoluene	14.556	165	11319	6.754	ng	# 18
63) Azobenzene	15.908	77	17773	2.524	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.043	198	222	5.493	ng	# 1
67) 4-Bromophenyl-phenylether	16.043	248	8213	3.266	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.284	149	106366	12.411	ng	# 52

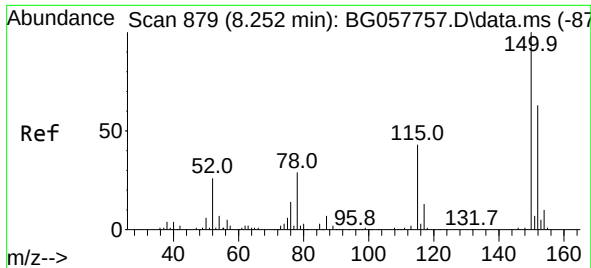
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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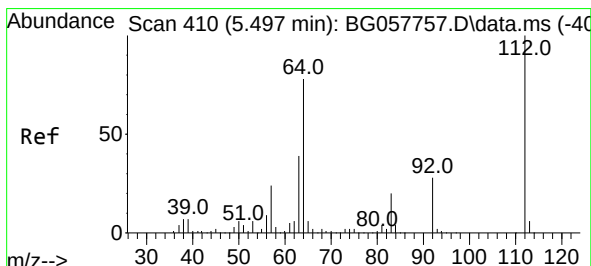
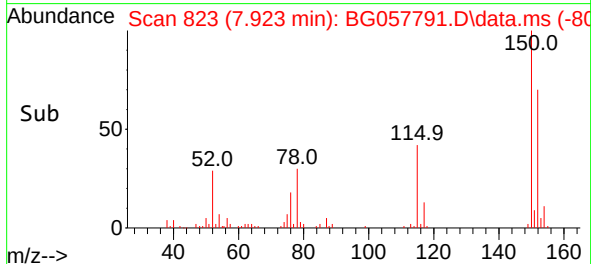
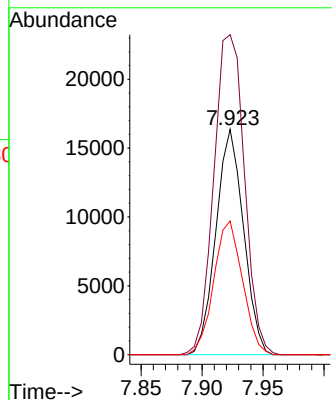
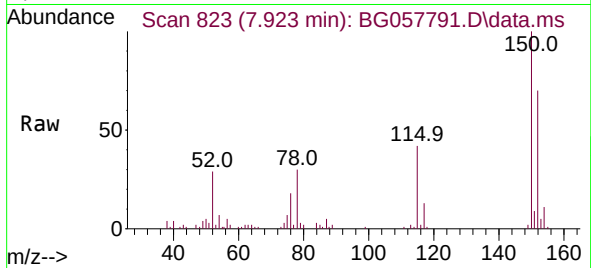




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

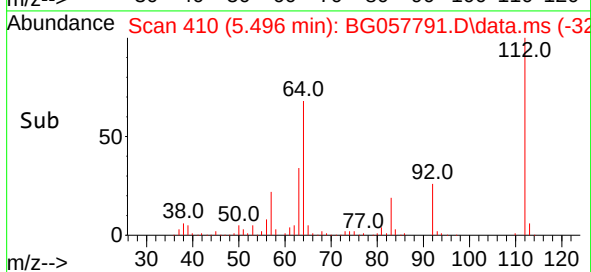
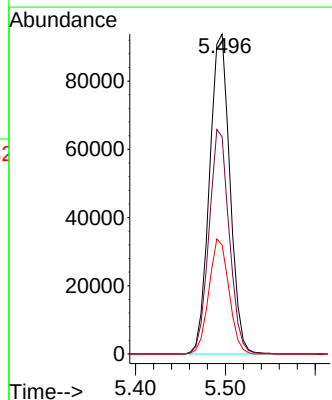
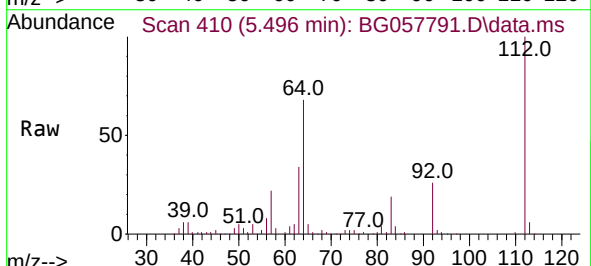
Instrument :
BNA_G
ClientSampleId :

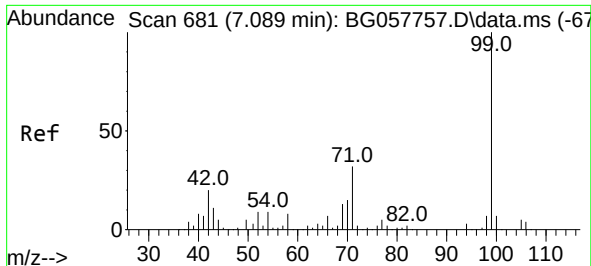
Tgt Ion:152 Resp: 25816
Ion Ratio Lower Upper
152 100
150 142.0 126.6 189.8
115 59.4 48.9 73.3



#5
2-Fluorophenol
Concen: 88.336 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.001 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

Tgt Ion:112 Resp: 147900
Ion Ratio Lower Upper
112 100
64 67.8 62.1 93.1
63 34.0 31.5 47.3

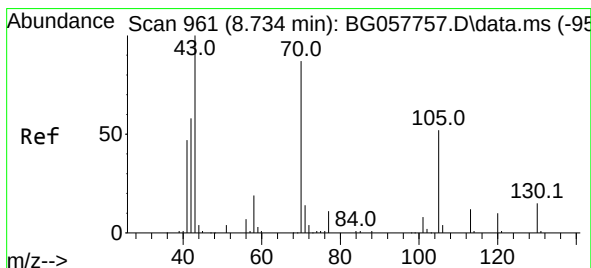
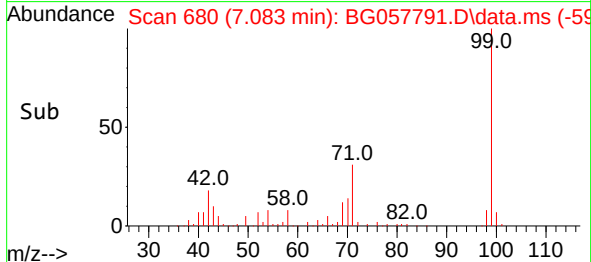
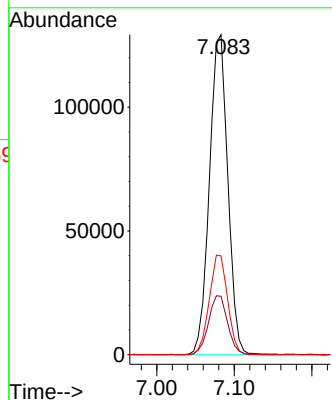
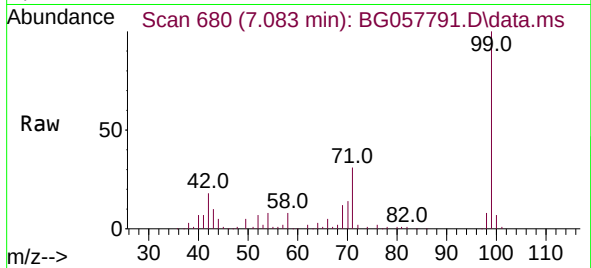




#7
Phenol-d6
Concen: 83.438 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

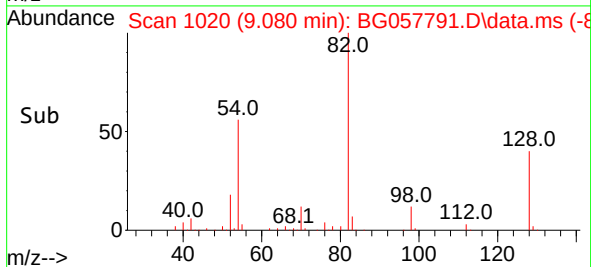
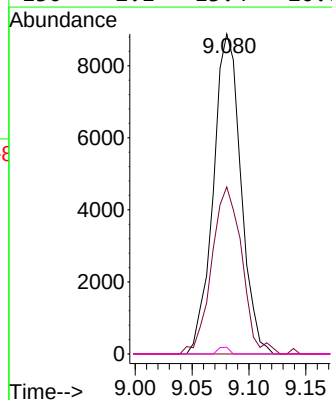
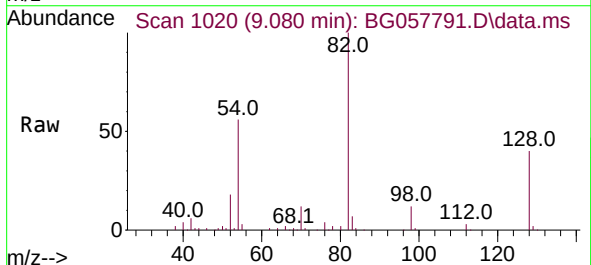
Instrument :
BNA_G
ClientSampleId :

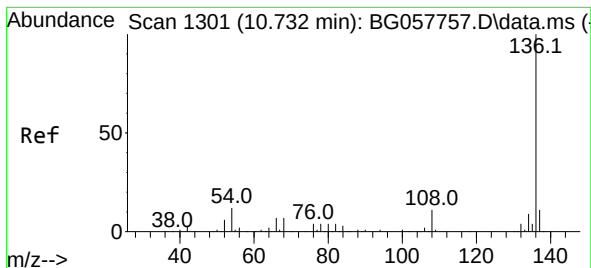
Tgt Ion: 99 Resp: 213161
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 30.9 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 8.431 ng
RT: 9.080 min Scan# 1020
Delta R.T. 0.346 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

Tgt Ion: 70 Resp: 15017
Ion Ratio Lower Upper
70 100
42 52.2 54.2 81.2#
101 0.0 7.4 11.0#
130 2.1 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.726 min Scan# 11

Delta R.T. -0.006 min

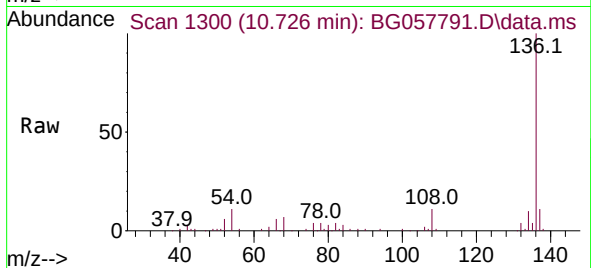
Lab File: BG057791.D

Acq: 21 Jun 2023 19:25

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:136 Resp: 115496

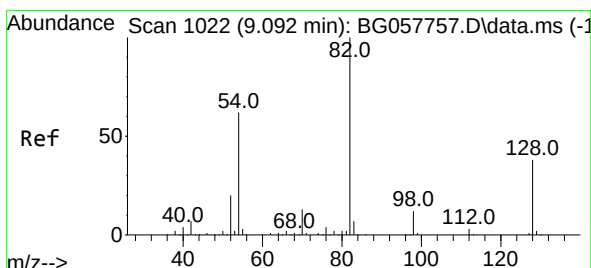
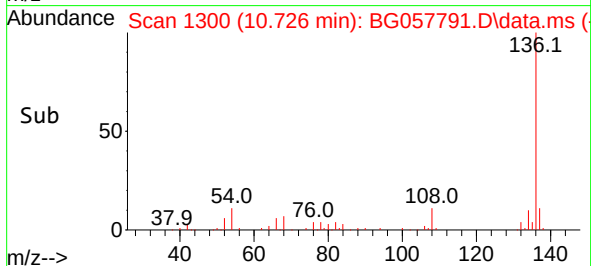
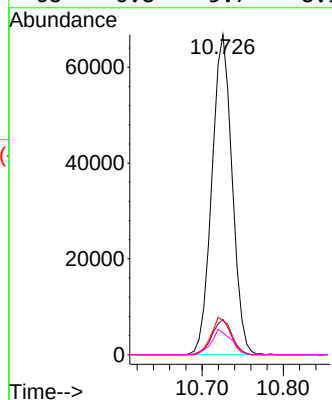
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.7 9.5 14.3

68 6.8 5.7 8.5



#23

Nitrobenzene-d5

Concen: 55.182 ng

RT: 9.080 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057791.D

Acq: 21 Jun 2023 19:25

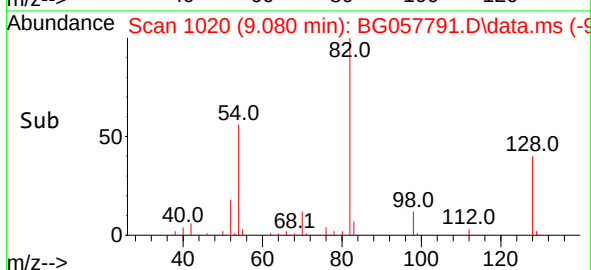
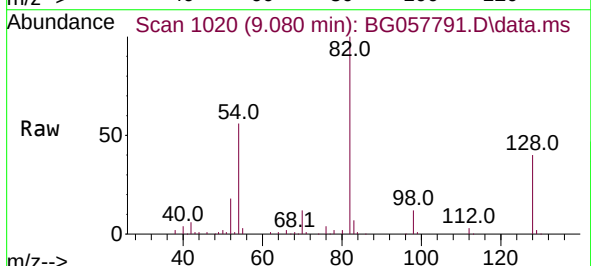
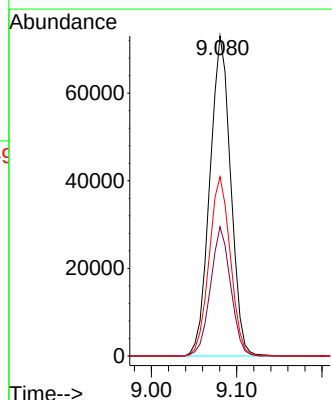
Tgt Ion: 82 Resp: 124179

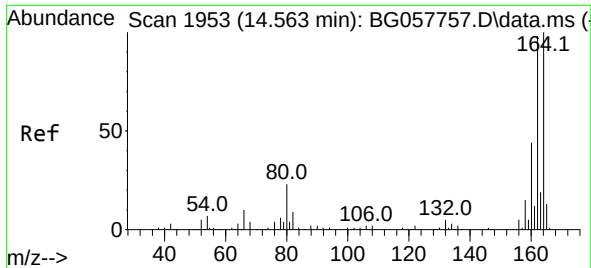
Ion Ratio Lower Upper

82 100

128 40.4 30.7 46.1

54 56.0 49.6 74.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.006 min

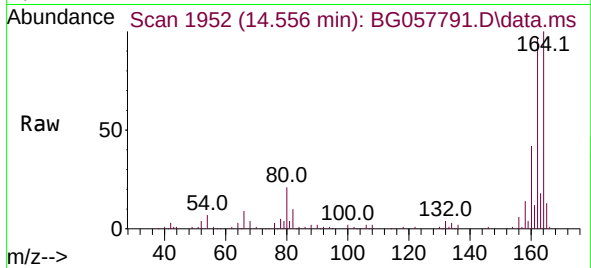
Lab File: BG057791.D

Acq: 21 Jun 2023 19:25

Instrument :

BNA_G

ClientSampleId :



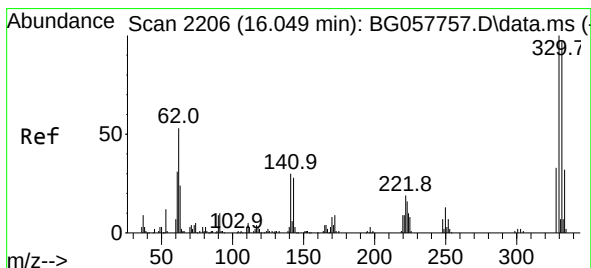
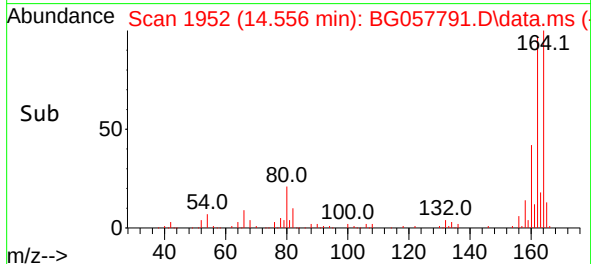
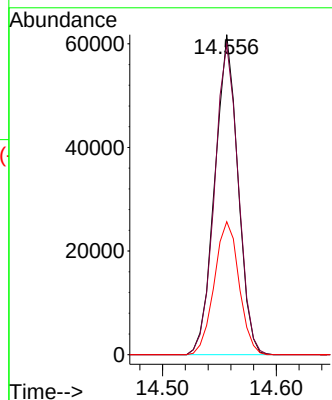
Tgt Ion:164 Resp: 87375

Ion Ratio Lower Upper

164 100

162 96.9 78.3 117.5

160 41.5 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 103.099 ng

RT: 16.043 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BG057791.D

Acq: 21 Jun 2023 19:25

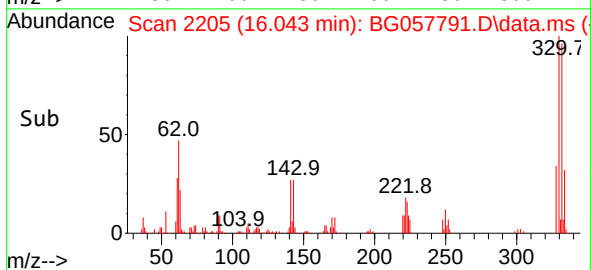
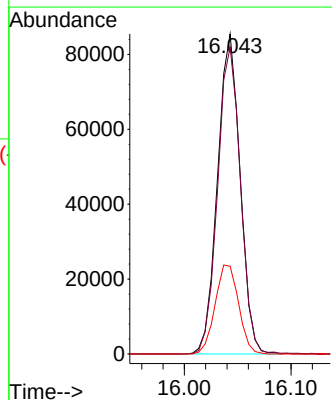
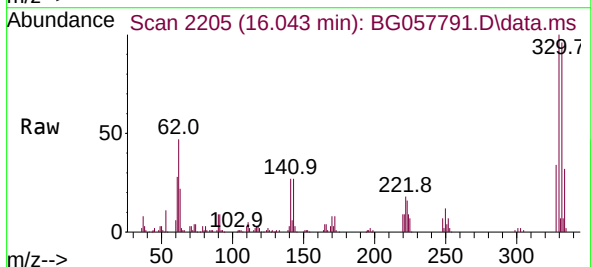
Tgt Ion:330 Resp: 125485

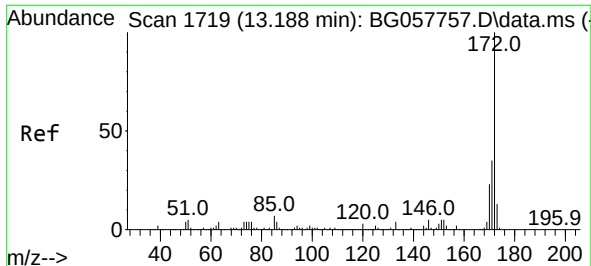
Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

141 28.9 24.7 37.1

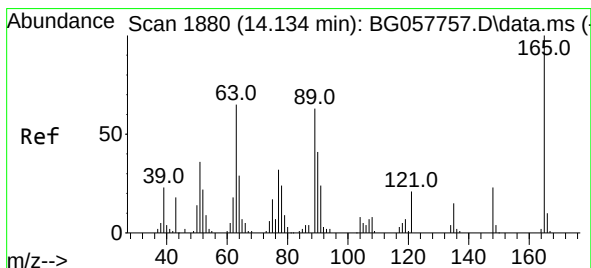
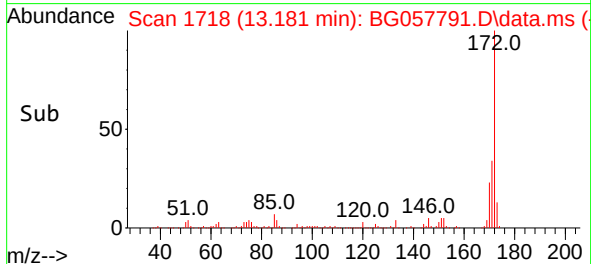
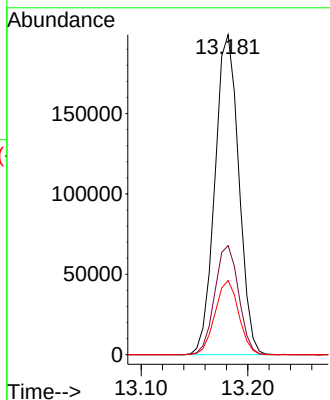
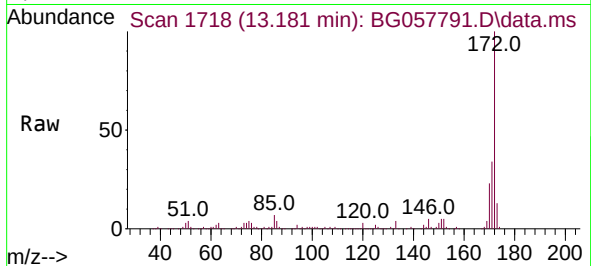




#45
2-Fluorobiphenyl
Concen: 53.711 ng
RT: 13.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

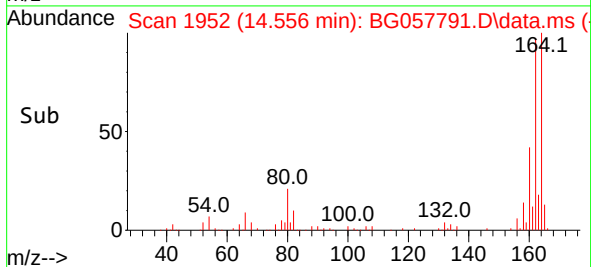
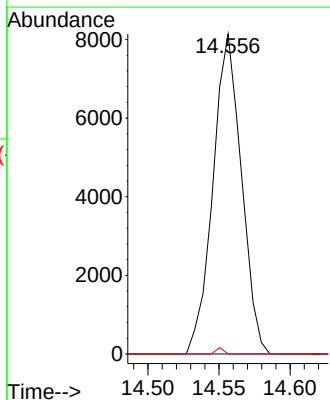
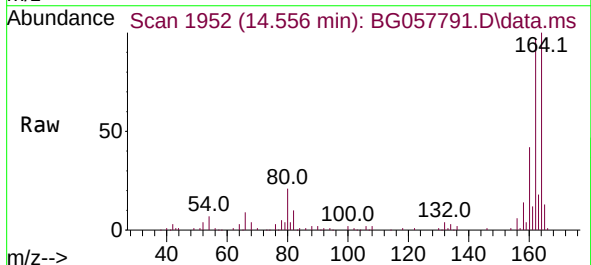
Instrument :
BNA_G
ClientSampleId :

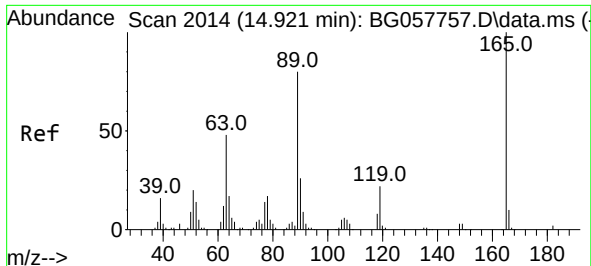
Tgt Ion:172 Resp: 309414
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.159 ng
RT: 14.556 min Scan# 1952
Delta R.T. 0.422 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

Tgt Ion:165 Resp: 11319
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 0.0 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.754 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.365 min

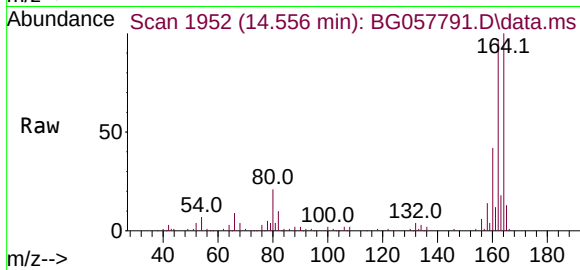
Lab File: BG057791.D

Acq: 21 Jun 2023 19:25

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 11319

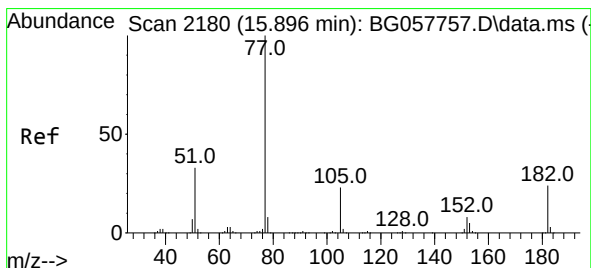
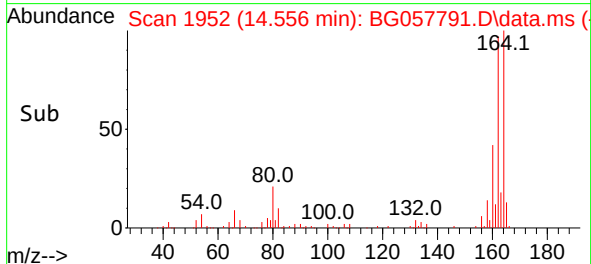
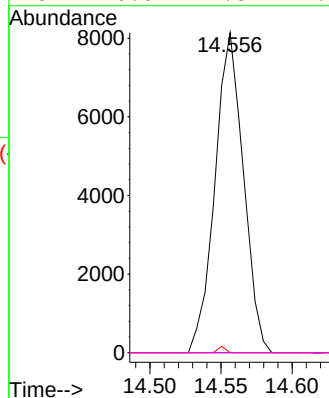
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 63.7 95.5#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 2.524 ng

RT: 15.908 min Scan# 2182

Delta R.T. 0.011 min

Lab File: BG057791.D

Acq: 21 Jun 2023 19:25

Tgt Ion: 77 Resp: 17773

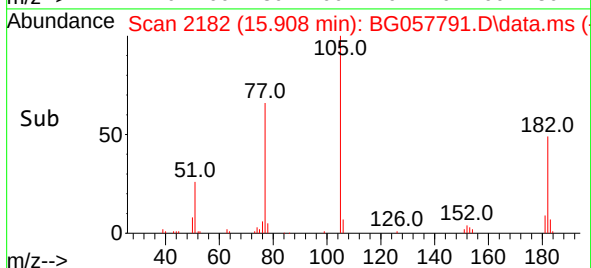
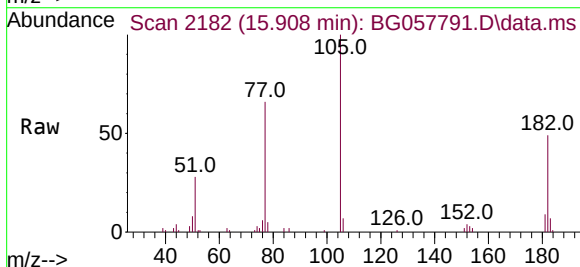
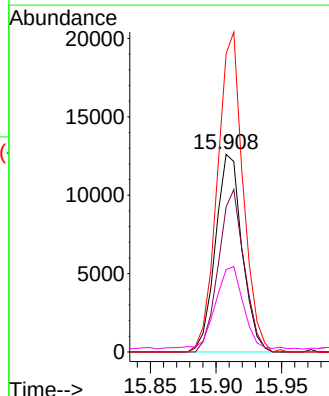
Ion Ratio Lower Upper

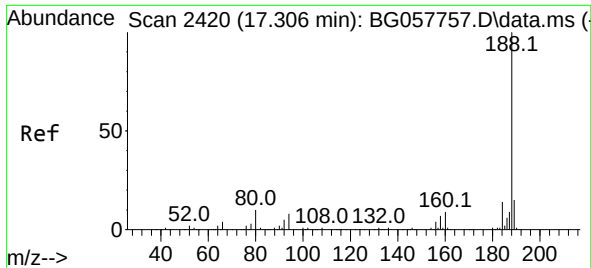
77 100

182 73.4 4.1 44.1#

105 150.9 3.3 43.3#

51 41.7 13.4 53.4

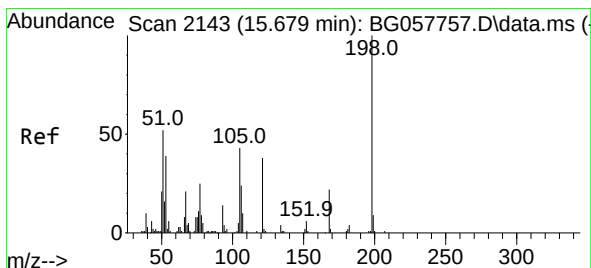
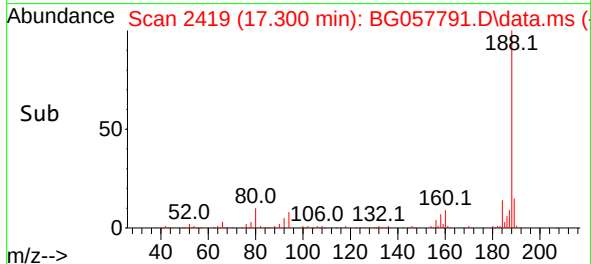
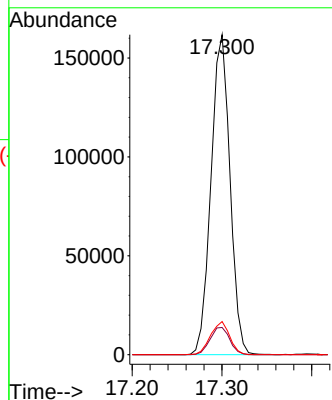
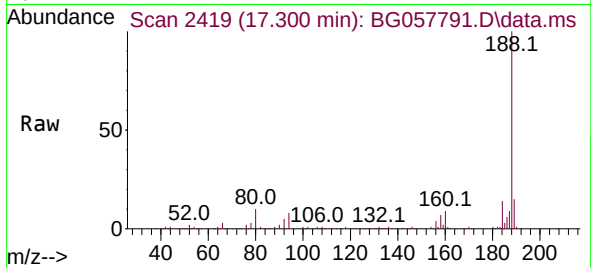




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.300 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

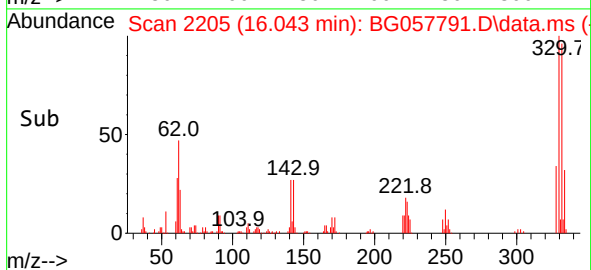
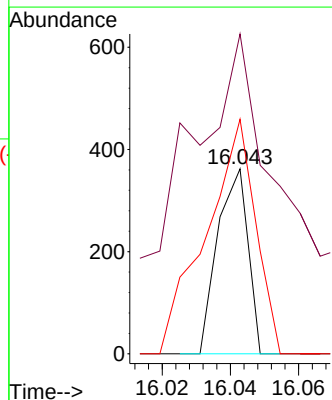
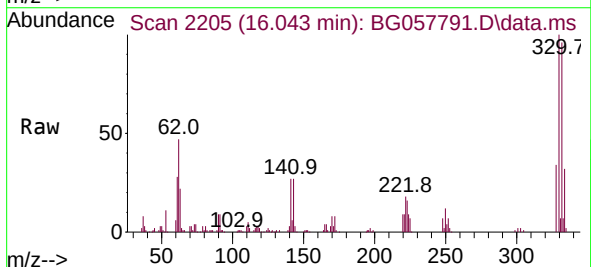
Instrument :
BNA_G
ClientSampleId :

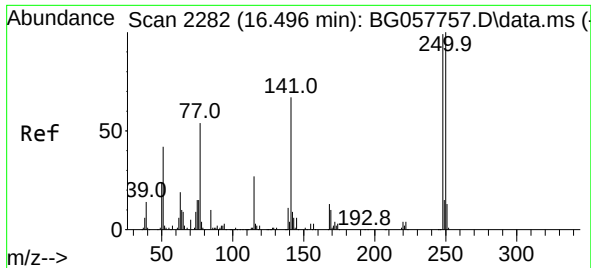
Tgt Ion:188 Resp: 237088
Ion Ratio Lower Upper
188 100
94 8.5 6.6 9.8
80 10.4 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.493 ng
RT: 16.043 min Scan# 2205
Delta R.T. 0.364 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

Tgt Ion:198 Resp: 222
Ion Ratio Lower Upper
198 100
51 172.9 36.6 76.6#
105 126.8 24.3 64.3#

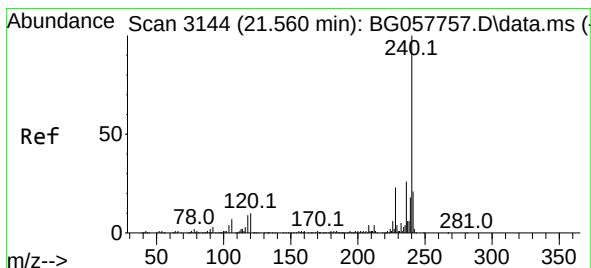
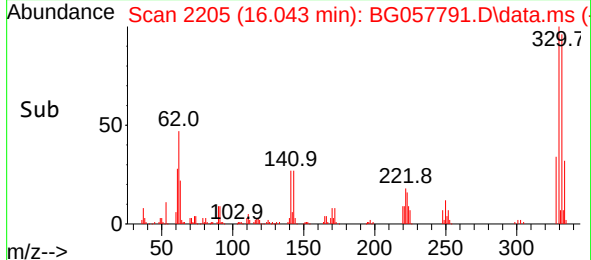
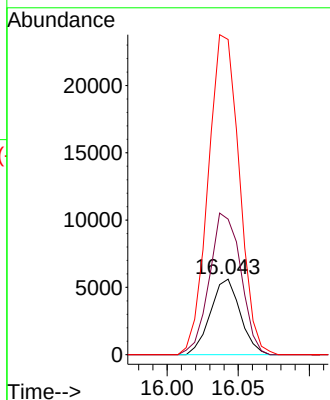
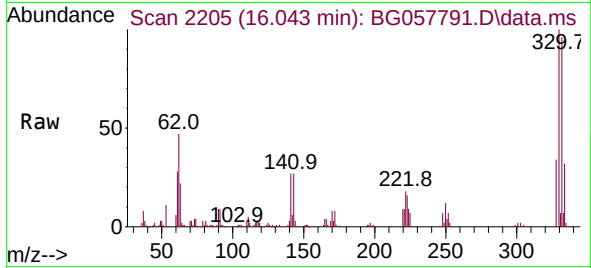




#67
4-Bromophenyl-phenylether
Concen: 3.266 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

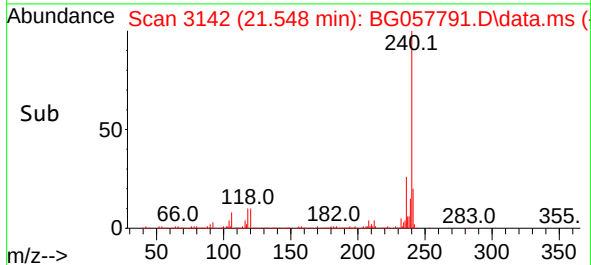
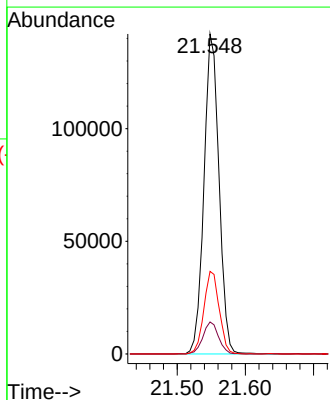
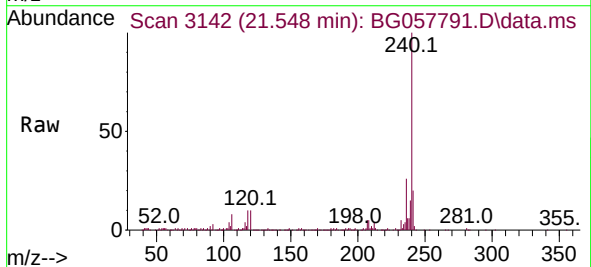
Instrument :
BNA_G
ClientSampleId :

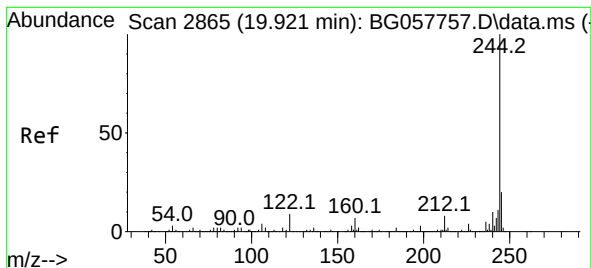
Tgt Ion:248 Resp: 8213
Ion Ratio Lower Upper
248 100
250 179.2 81.1 121.7#
141 417.0 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

Tgt Ion:240 Resp: 217526
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 64.097 ng

RT: 19.915 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057791.D

Acq: 21 Jun 2023 19:25

Instrument :

BNA_G

ClientSampleId :

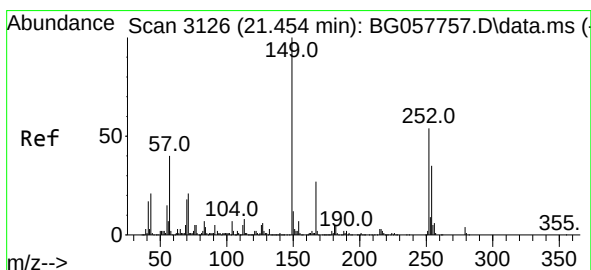
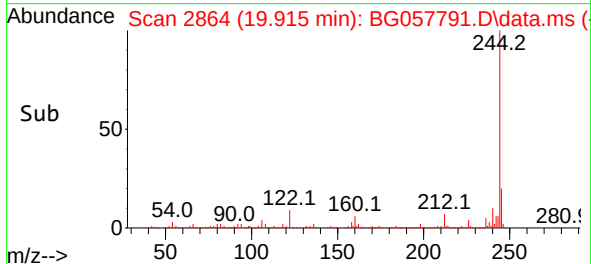
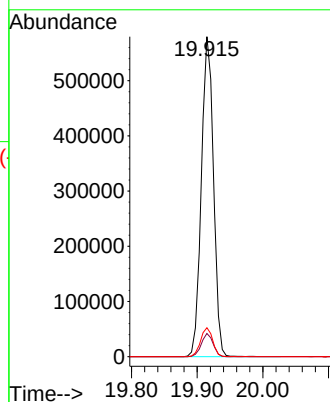
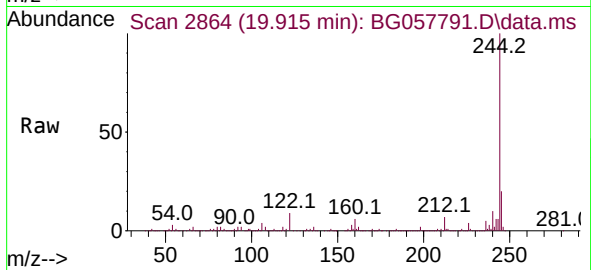
Tgt Ion:244 Resp: 747733

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 9.1 7.6 11.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.411 ng

RT: 21.284 min Scan# 3097

Delta R.T. -0.171 min

Lab File: BG057791.D

Acq: 21 Jun 2023 19:25

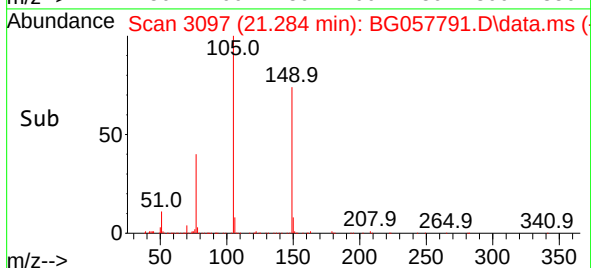
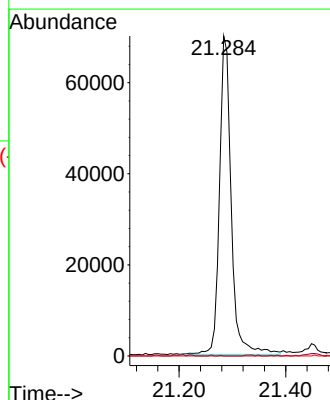
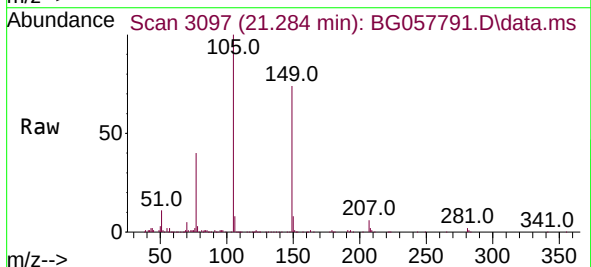
Tgt Ion:149 Resp: 106366

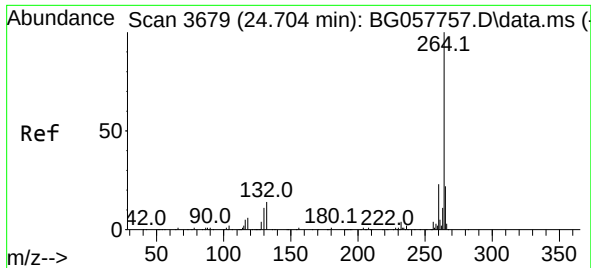
Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

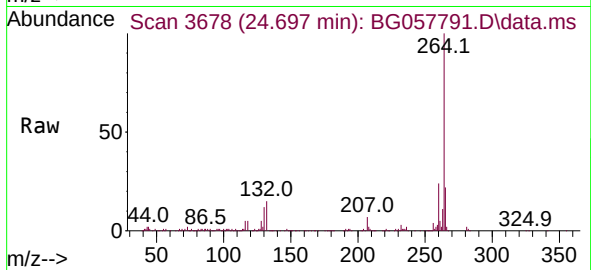
279 0.0 2.9 4.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.697 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG057791.D
 Acq: 21 Jun 2023 19:25

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 265693

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.9	17.4	26.2

