

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053806.D
 Acq On : 3 Jun 2022 10:18
 Operator : CG/JU
 Sample : PB145213TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145213TB

Quant Time: Jun 03 13:28:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

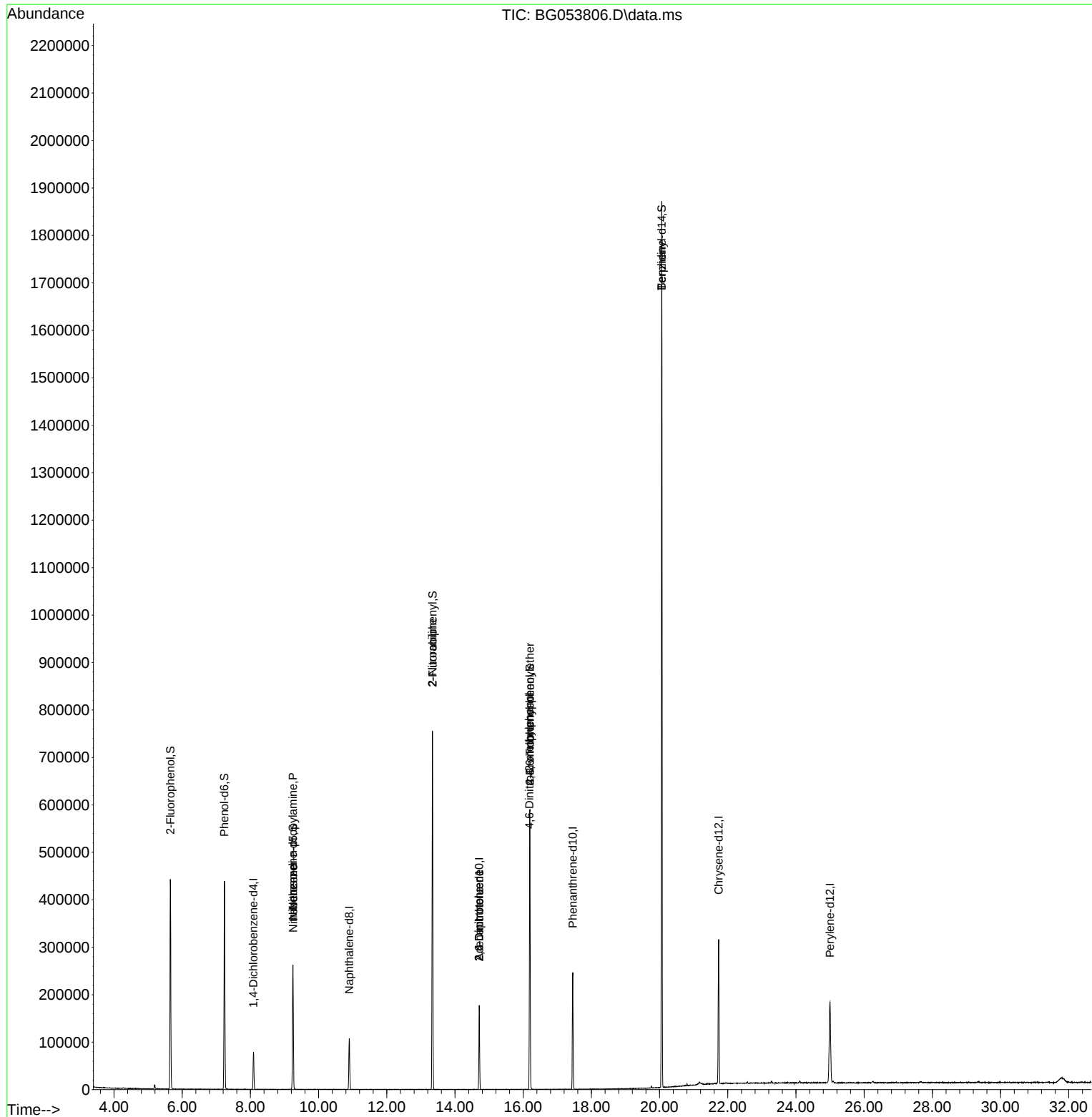
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	24571	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	98174	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	67297	20.000	ng	0.00
64) Phenanthrene-d10	17.455	188	173971	20.000	ng	0.00
76) Chrysene-d12	21.732	240	212260	20.000	ng	# 0.00
86) Perylene-d12	24.999	264	203780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	202902	151.642	ng	0.00
7) Phenol-d6	7.238	99	260219	143.569	ng	0.00
23) Nitrobenzene-d5	9.247	82	163221	109.178	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	127972	156.657	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	436634	97.063	ng	0.00
79) Terphenyl-d14	20.064	244	1001699	93.884	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.247	70	21488	16.739	ng	# 83
24) Nitrobenzene	9.253	77	425	3.211	ng	# 48
48) 2-Nitroaniline	13.336	65	781	5.777	ng	# 9
51) 2,6-Dinitrotoluene	14.711	165	9122	13.488	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	9122	11.275	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.186	198	314	6.019	ng	# 72
67) 4-Bromophenyl-phenylether	16.198	248	8561	4.529	ng	# 1
77) Benzidine	20.064	184	13874	2.673	ng	# 90

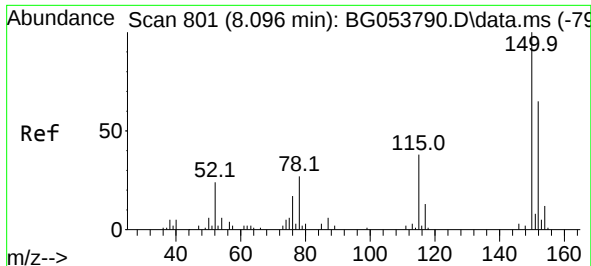
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
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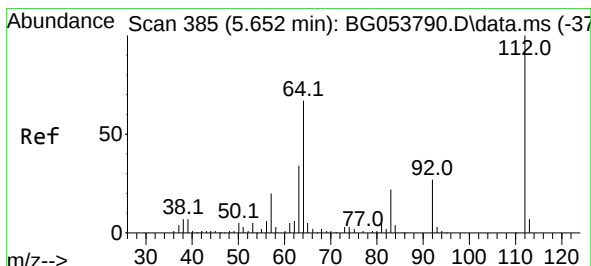
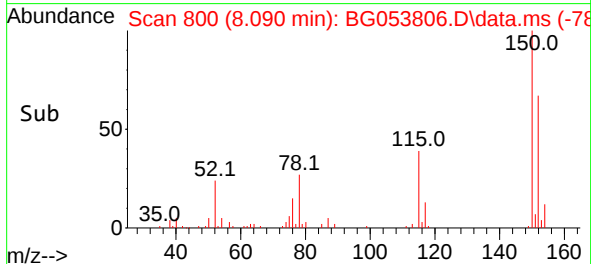
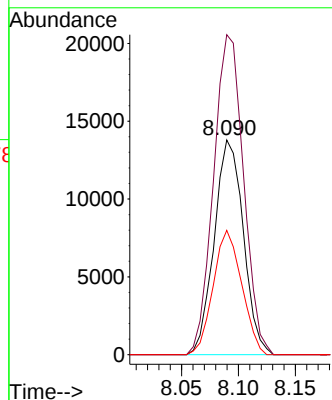
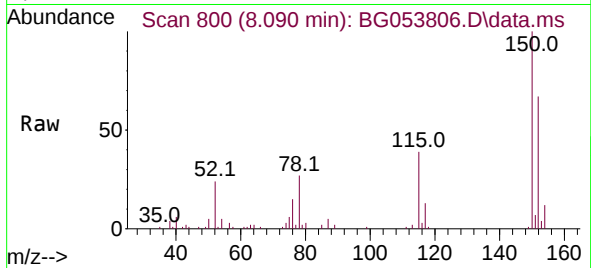




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 801
Delta R.T. -0.006 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

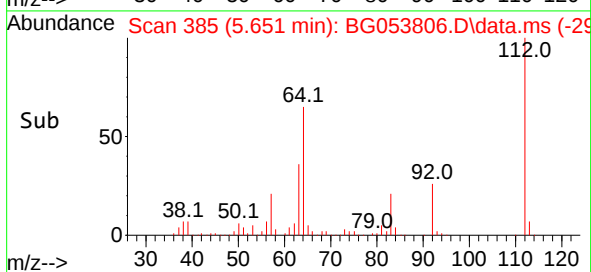
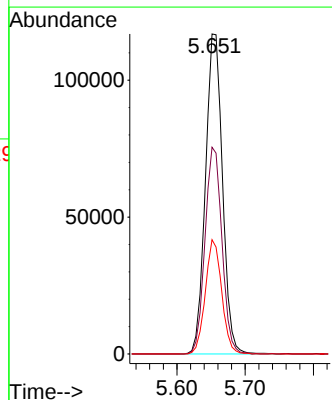
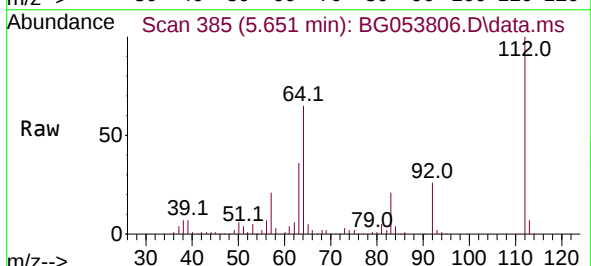
Instrument :
BNA_G
ClientSampleId :
PB145213TB

Tgt Ion:152 Resp: 24571
Ion Ratio Lower Upper
152 100
150 149.0 131.6 197.4
115 57.9 50.9 76.3



#5
2-Fluorophenol
Concen: 151.642 ng
RT: 5.651 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

Tgt Ion:112 Resp: 202902
Ion Ratio Lower Upper
112 100
64 64.6 55.1 82.7
63 35.7 30.4 45.6

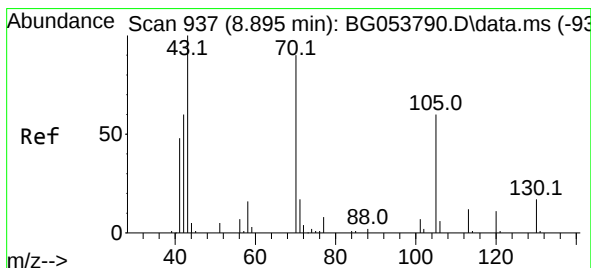
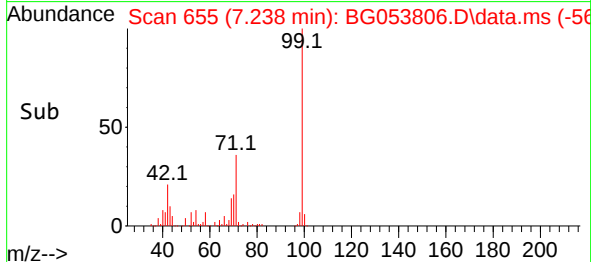
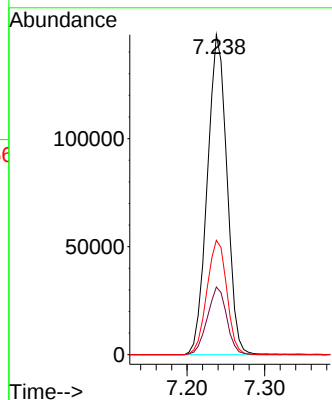
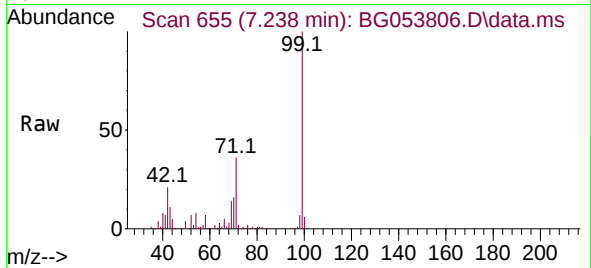




#7
Phenol-d6
Concen: 143.569 ng
RT: 7.238 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

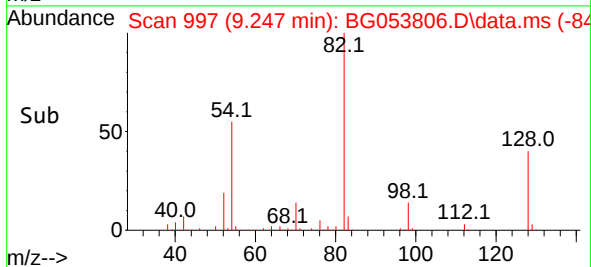
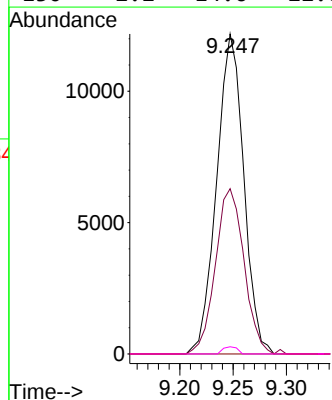
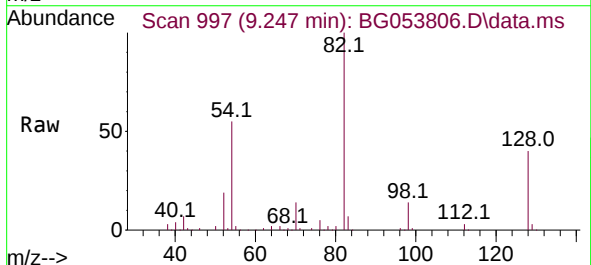
Instrument :
BNA_G
ClientSampleId :
PB145213TB

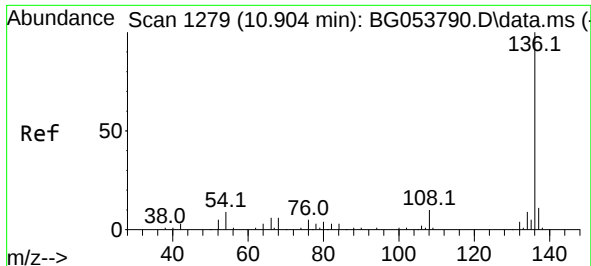
Tgt Ion: 99 Resp: 260219
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 35.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.739 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.352 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

Tgt Ion: 70 Resp: 21488
Ion Ratio Lower Upper
70 100
42 51.7 47.3 70.9
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#

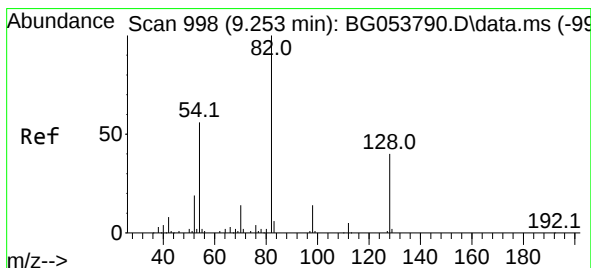
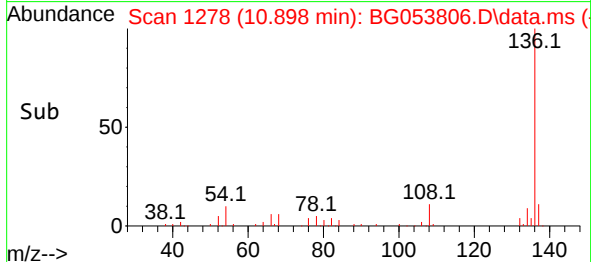
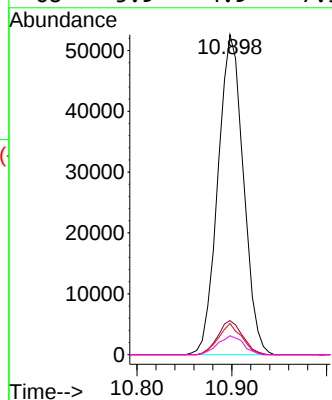
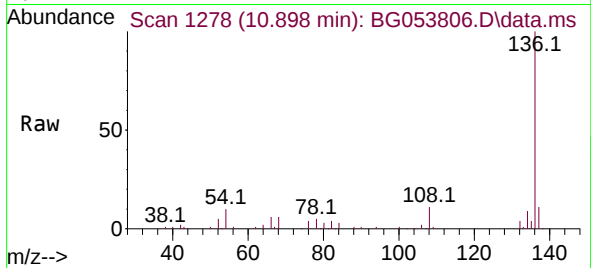




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

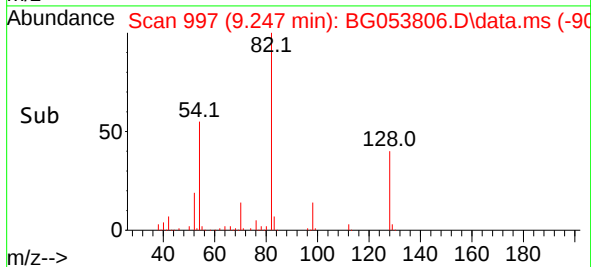
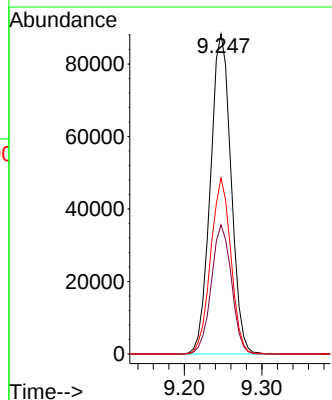
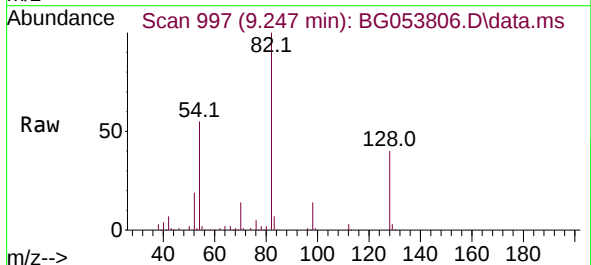
Instrument :
BNA_G
ClientSampleId :
PB145213TB

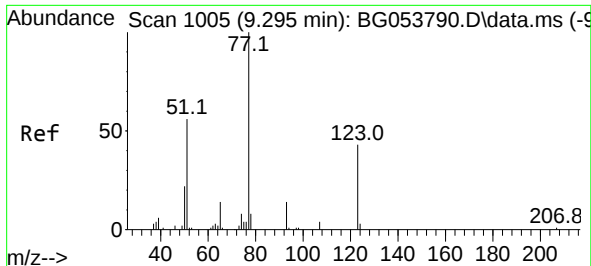
Tgt Ion:136	Resp:	98174
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	9.7	7.4 11.2
68	5.9	4.9 7.3



#23
Nitrobenzene-d5
Concen: 109.178 ng
RT: 9.247 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

Tgt Ion: 82	Resp:	163221
Ion Ratio	Lower	Upper
82	100	
128	40.4	27.9 41.9
54	55.0	41.2 61.8

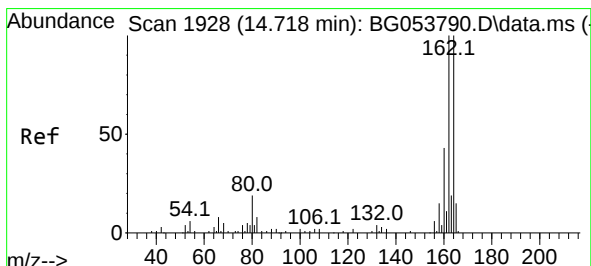
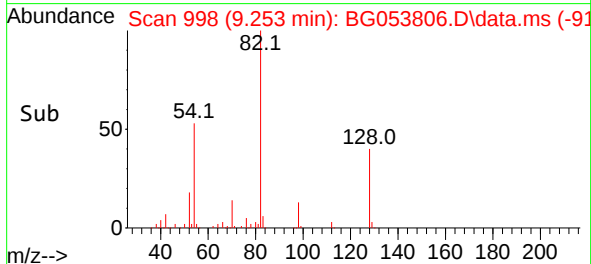
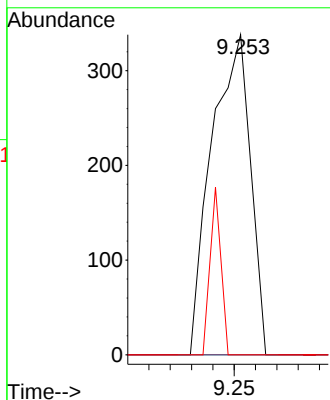
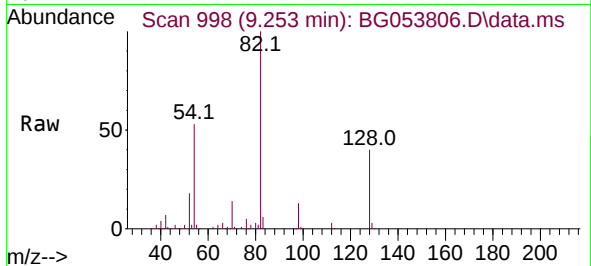




#24
Nitrobenzene
Concen: 3.211 ng
RT: 9.253 min Scan# 91
Delta R.T. -0.042 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

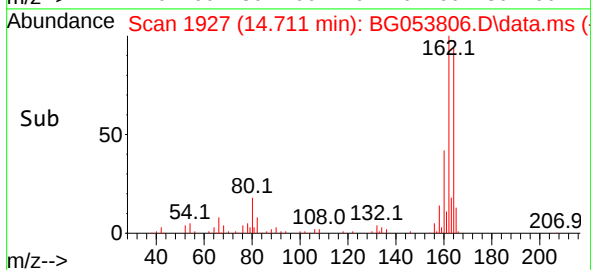
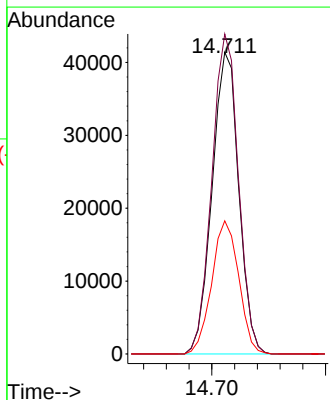
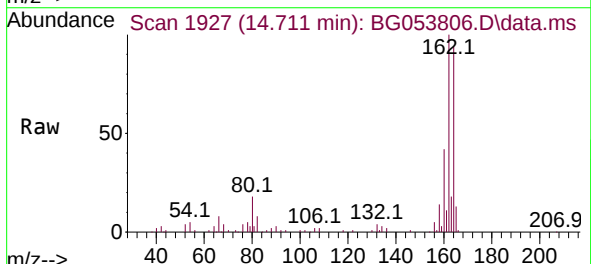
Instrument :
BNA_G
ClientSampleId :
PB145213TB

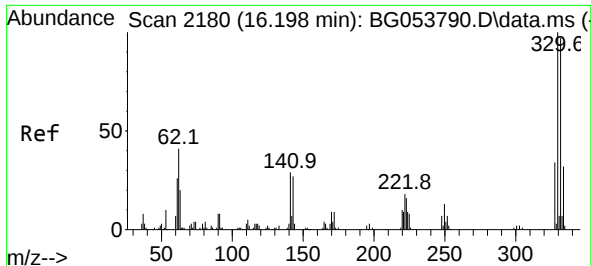
Tgt Ion: 77 Resp: 425
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

Tgt Ion: 164 Resp: 67297
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 44.1 34.2 51.2

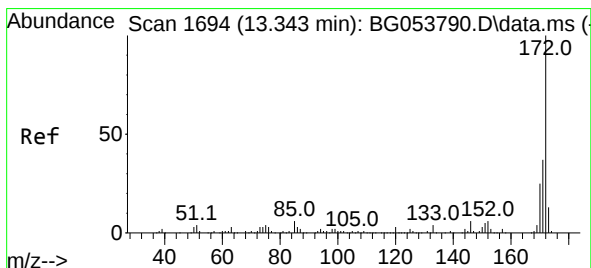
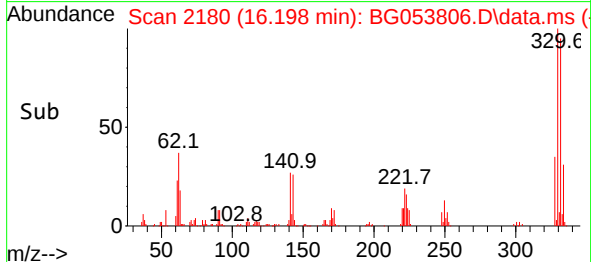
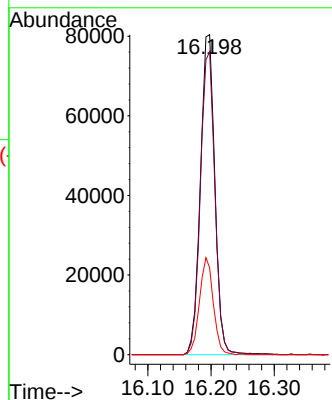
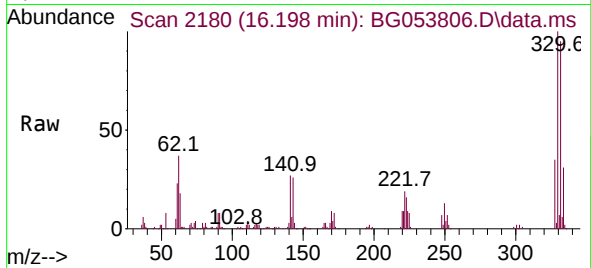




#42
 2,4,6-Tribromophenol
 Concen: 156.657 ng
 RT: 16.198 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: BG053806.D
 Acq: 3 Jun 2022 10:18

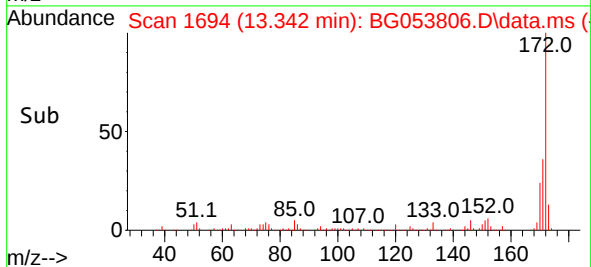
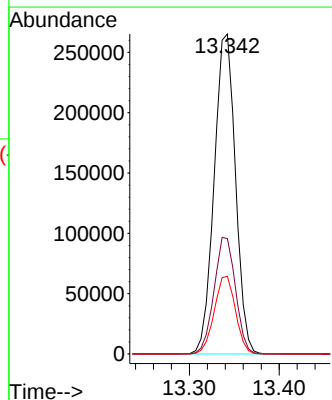
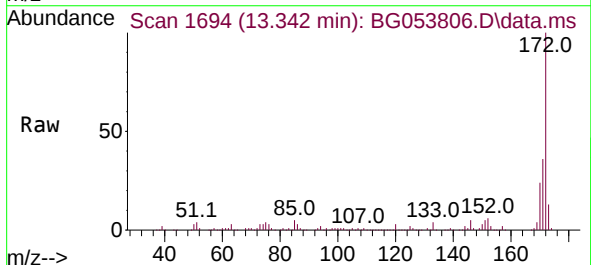
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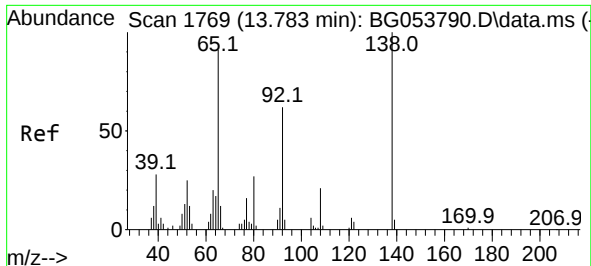
Tgt Ion:330 Resp: 127972
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.0 114.0
 141 28.9 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 97.063 ng
 RT: 13.342 min Scan# 1694
 Delta R.T. -0.001 min
 Lab File: BG053806.D
 Acq: 3 Jun 2022 10:18

Tgt Ion:172 Resp: 436634
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.3 18.9 28.3

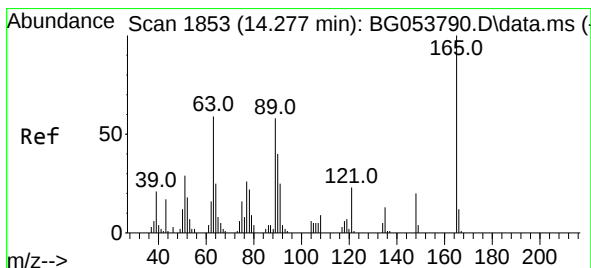
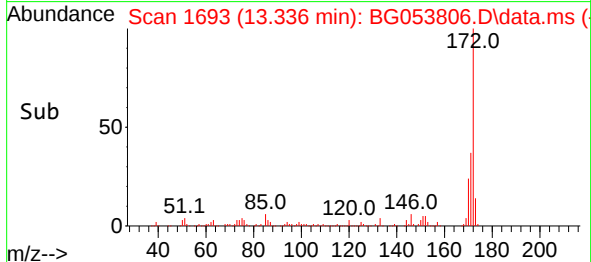
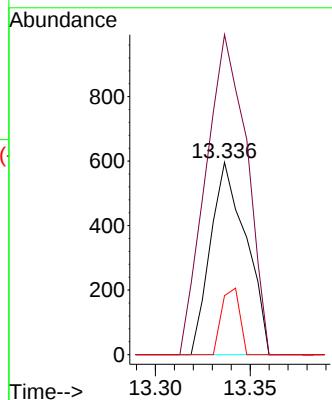
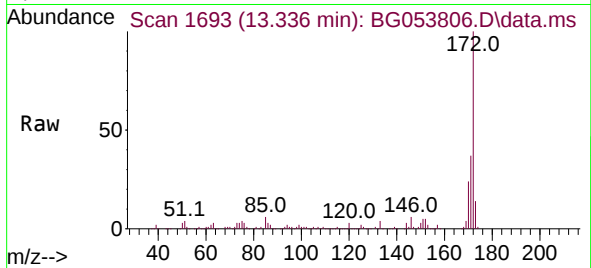




#48
2-Nitroaniline
Concen: 5.777 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.447 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

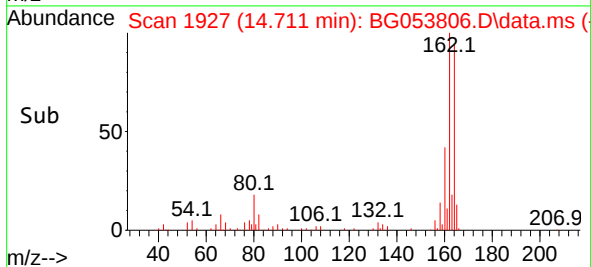
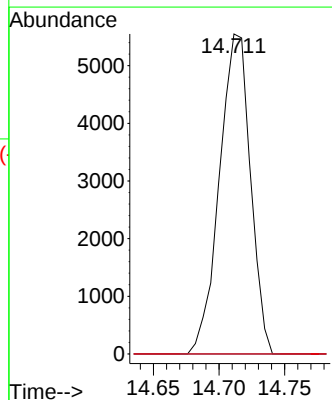
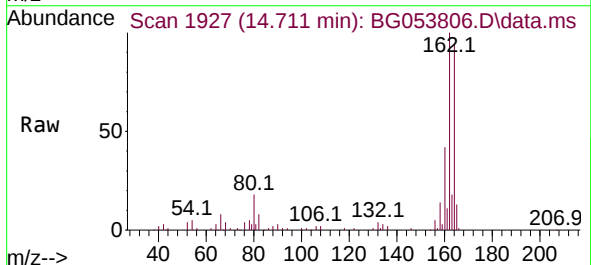
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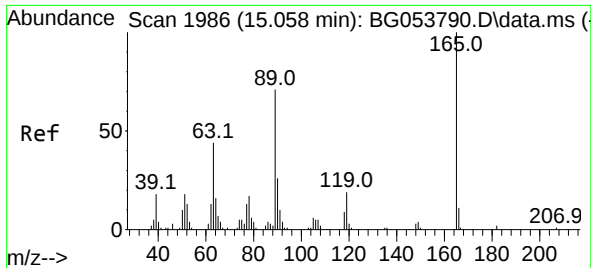
Tgt Ion: 65 Resp: 781
Ion Ratio Lower Upper
65 100
92 166.4 51.5 77.3#
138 30.7 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.488 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.434 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

Tgt Ion:165 Resp: 9122
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 11.275 ng

RT: 14.711 min Scan# 1986

Delta R.T. -0.347 min

Lab File: BG053806.D

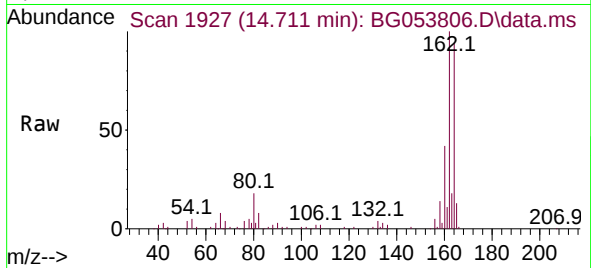
Acq: 3 Jun 2022 10:18

Instrument :

BNA_G

ClientSampleId :

PB145213TB



Tgt Ion:165 Resp: 9122

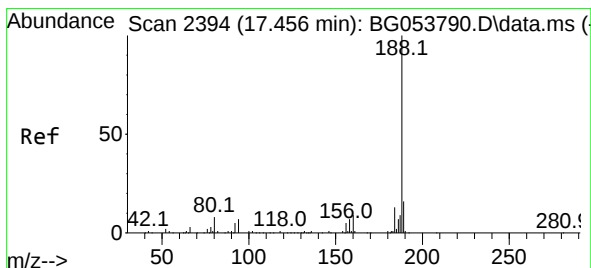
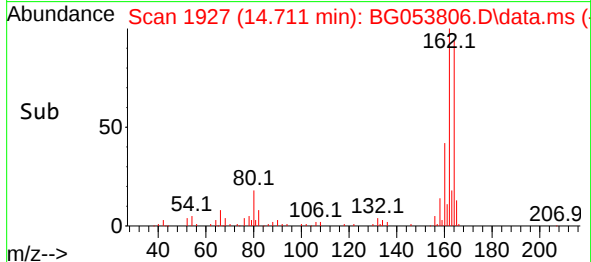
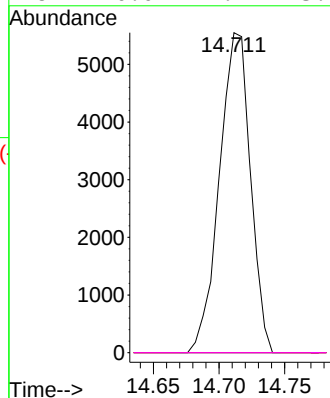
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.455 min Scan# 2394

Delta R.T. -0.001 min

Lab File: BG053806.D

Acq: 3 Jun 2022 10:18

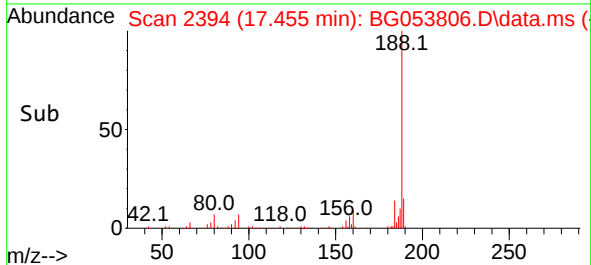
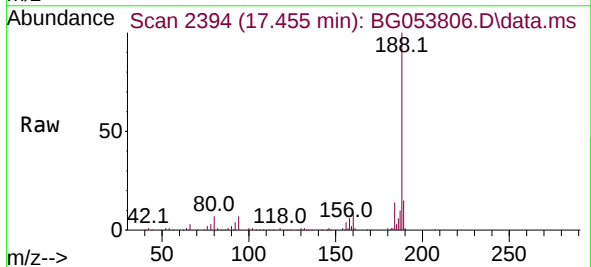
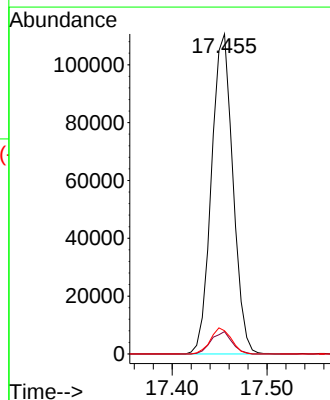
Tgt Ion:188 Resp: 173971

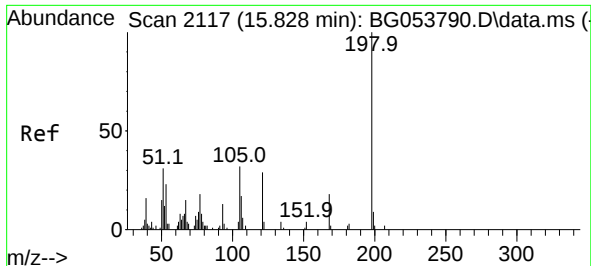
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.0

80 7.2 6.8 10.2

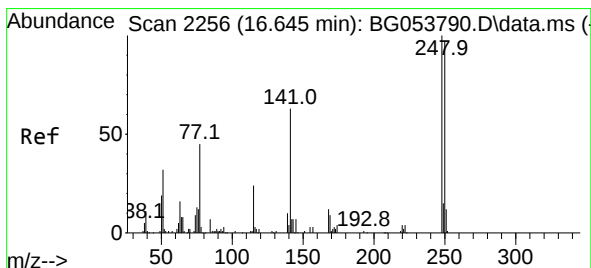
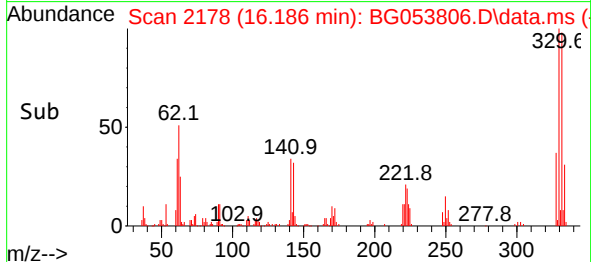
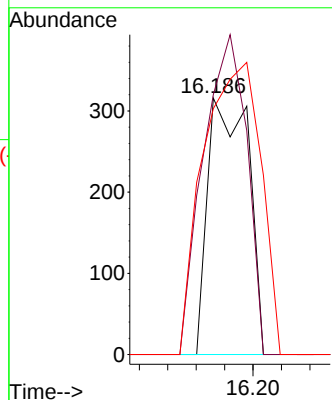
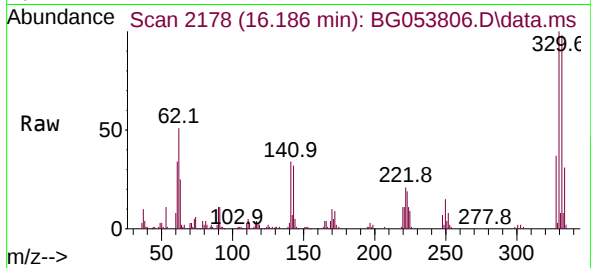




#65
4,6-Dinitro-2-methylphenol
Concen: 6.019 ng
RT: 16.186 min Scan# 2117
Delta R.T. 0.358 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

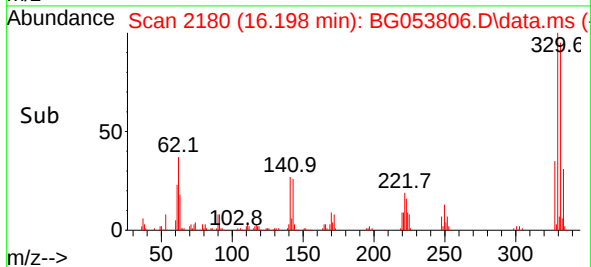
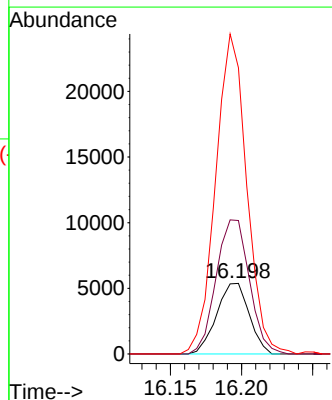
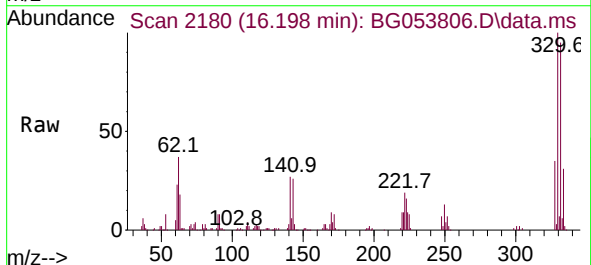
Instrument :
BNA_G
ClientSampleId :
PB145213TB

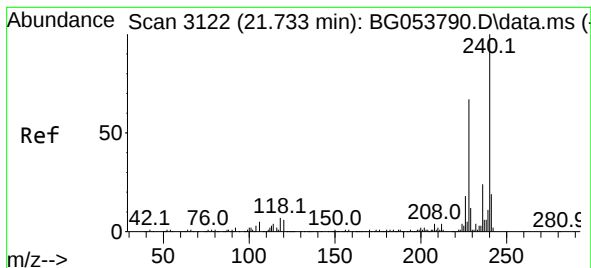
Tgt Ion:198 Resp: 314
Ion Ratio Lower Upper
198 100
51 26.8 28.1 68.1#
105 25.4 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 4.529 ng
RT: 16.198 min Scan# 2180
Delta R.T. -0.447 min
Lab File: BG053806.D
Acq: 3 Jun 2022 10:18

Tgt Ion:248 Resp: 8561
Ion Ratio Lower Upper
248 100
250 190.7 75.2 112.8#
141 318.6 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.732 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG053806.D

Acq: 3 Jun 2022 10:18

Instrument :

BNA_G

ClientSampleId :

PB145213TB

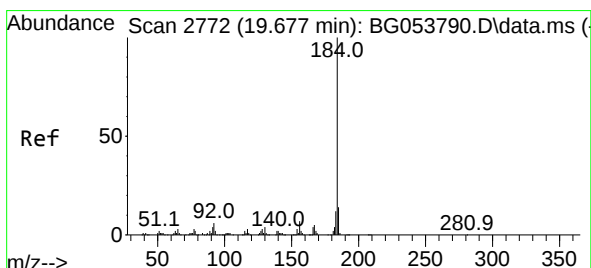
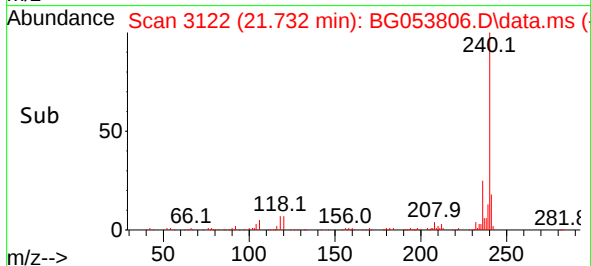
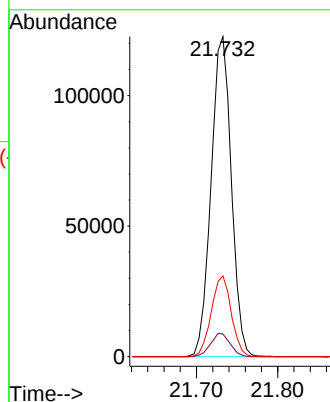
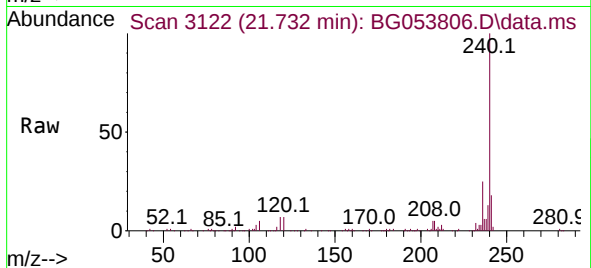
Tgt Ion:240 Resp: 212260

Ion Ratio Lower Upper

240 100

120 7.1 4.6 7.0#

236 25.2 20.2 30.4



#77

Benzidine

Concen: 2.673 ng

RT: 20.064 min Scan# 2838

Delta R.T. 0.387 min

Lab File: BG053806.D

Acq: 3 Jun 2022 10:18

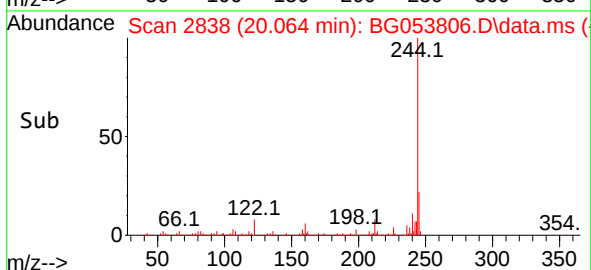
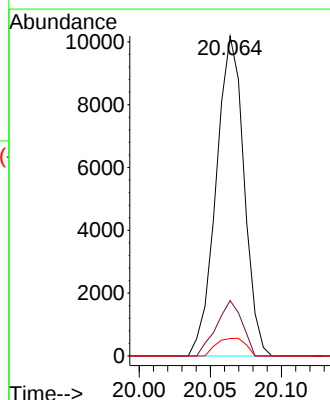
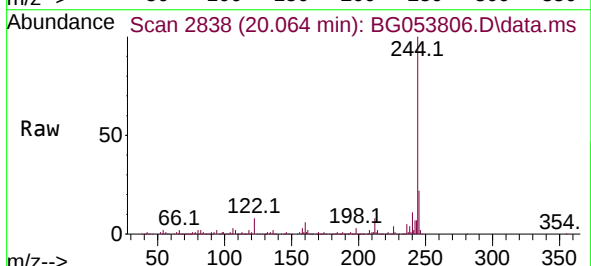
Tgt Ion:184 Resp: 13874

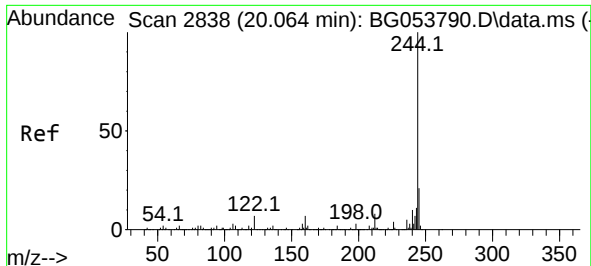
Ion Ratio Lower Upper

184 100

185 17.3 11.8 17.6

183 5.5 8.9 13.3#

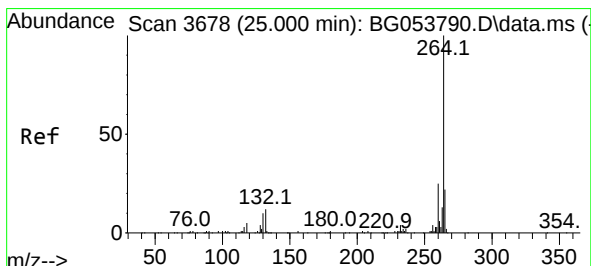
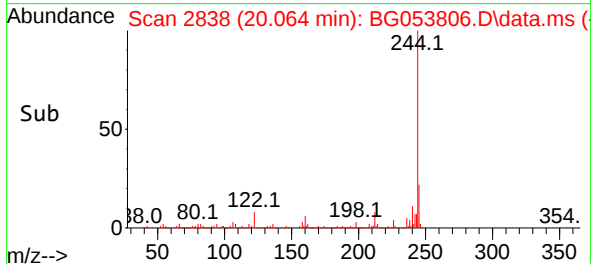
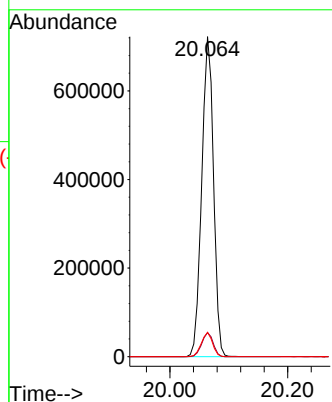
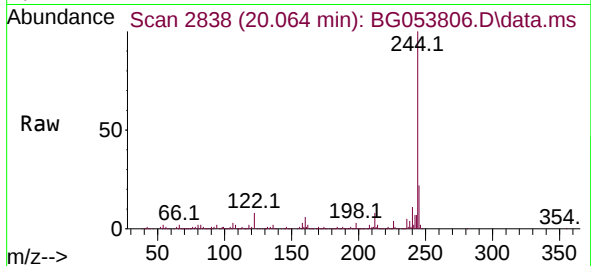




#79
 Terphenyl-d14
 Concen: 93.884 ng
 RT: 20.064 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG053806.D
 Acq: 3 Jun 2022 10:18

Instrument :
 BNA_G
 ClientSampleId :
 PB145213TB

Tgt Ion:244 Resp: 1001699
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.6 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.999 min Scan# 3678
 Delta R.T. -0.000 min
 Lab File: BG053806.D
 Acq: 3 Jun 2022 10:18

Tgt Ion:264 Resp: 203780
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 20.9 17.4 26.2

