

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053886.D
 Acq On : 10 Jun 2022 22:13
 Operator : CG/JU
 Sample : N3282-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 125

Quant Time: Jun 11 02:06:52 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)

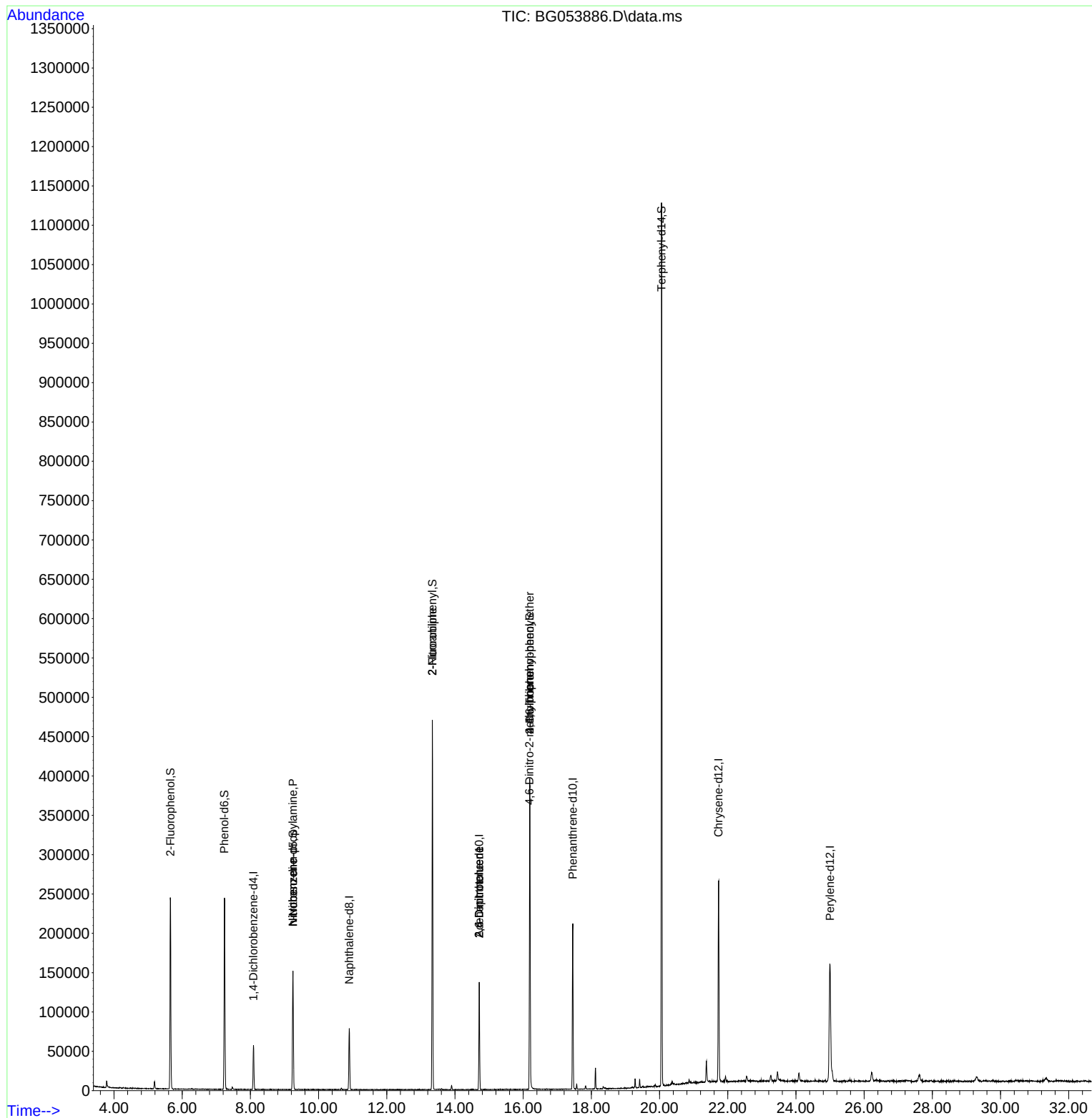
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	18384	20.00	ng	0.00
21) Naphthalene-d8	10.897	136	71252	20.00	ng	0.00
39) Acenaphthene-d10	14.710	164	53864	20.00	ng	0.00
64) Phenanthrene-d10	17.454	188	154334	20.00	ng	# 0.00
76) Chrysene-d12	21.726	240	189383	20.00	ng	0.00
86) Perylene-d12	24.998	264	190229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	116627	116.50	ng	0.00
7) Phenol-d6	7.237	99	152393	112.37	ng	0.00
23) Nitrobenzene-d5	9.246	82	96925	89.33	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	98382	150.47	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	268119	74.47	ng	0.00
79) Terphenyl-d14	20.057	244	653126	68.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.246	70	12845	13.37	ng	# 75
24) Nitrobenzene	9.246	77	135	3.08	ng	# 48
48) 2-Nitroaniline	13.335	65	232	5.31	ng	# 1
51) 2,6-Dinitrotoluene	14.710	165	7064	13.18	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	7064	11.05	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.185	198	58	5.69	ng	83
67) 4-Bromophenyl-phenylether	16.191	248	6044	3.60	ng	# 1

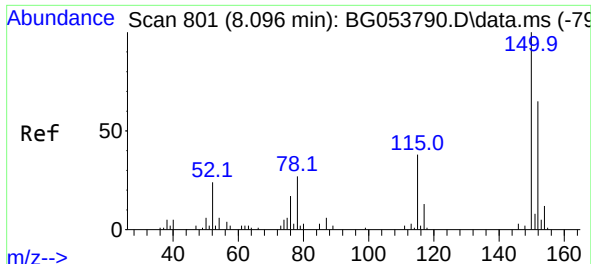
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
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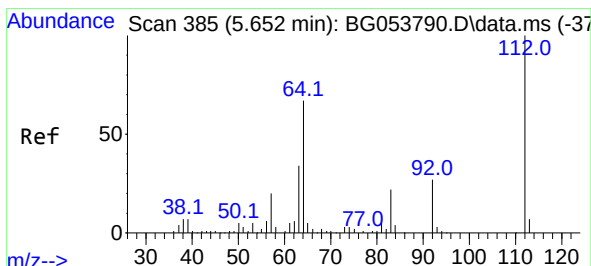
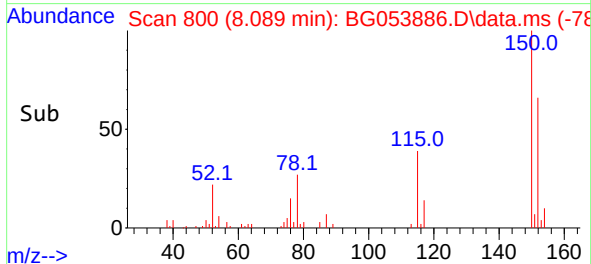
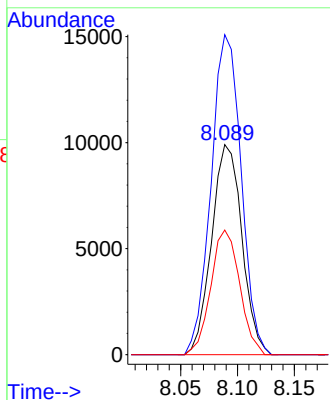
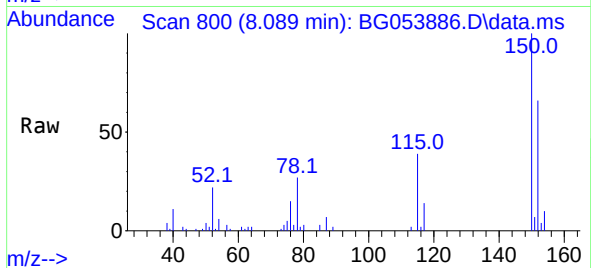




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.089 min Scan# 801
Delta R.T. -0.007 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

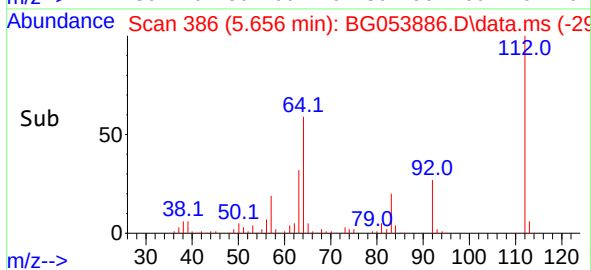
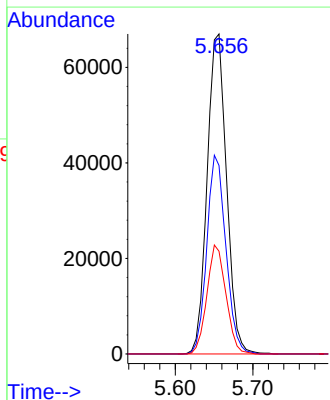
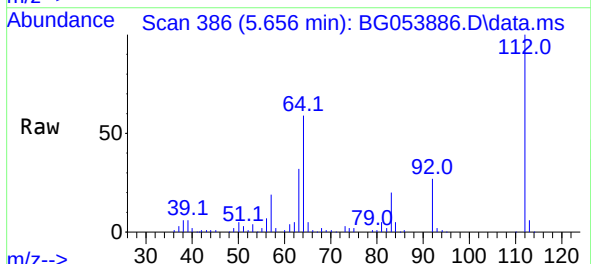
Instrument :
BNA_G
ClientSampleId :
125

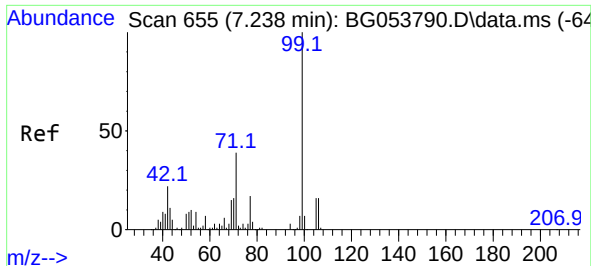
Tgt Ion:152 Resp: 18384
Ion Ratio Lower Upper
152 100
150 152.3 131.6 197.4
115 59.3 50.9 76.3



#5
2-Fluorophenol
Concen: 116.50 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

Tgt Ion:112 Resp: 116627
Ion Ratio Lower Upper
112 100
64 58.9 55.1 82.7
63 32.1 30.4 45.6

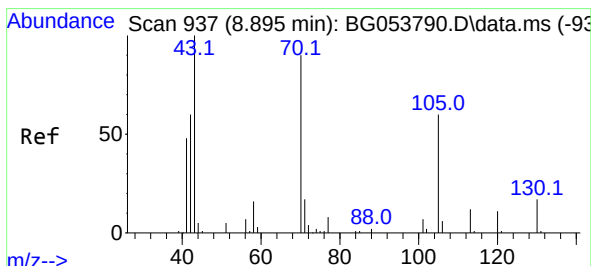
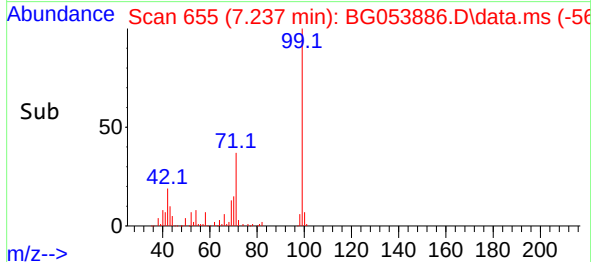
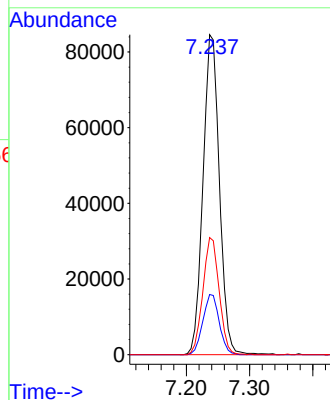
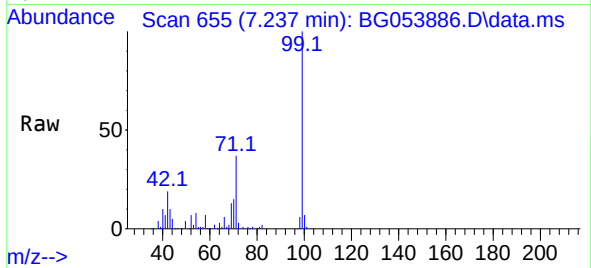




#7
Phenol-d6
Concen: 112.37 ng
RT: 7.237 min Scan# 612
Delta R.T. -0.001 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

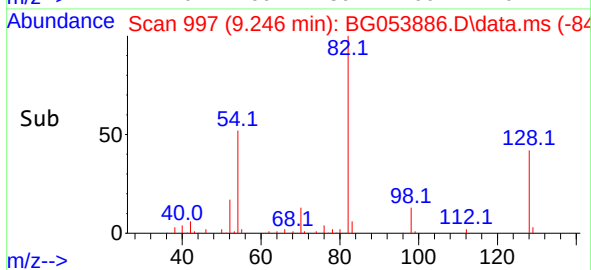
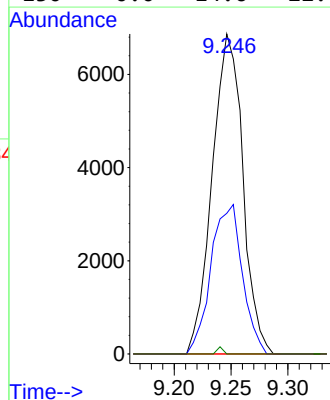
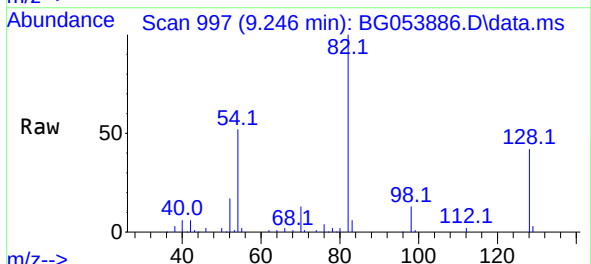
Instrument :
BNA_G
ClientSampleId :
125

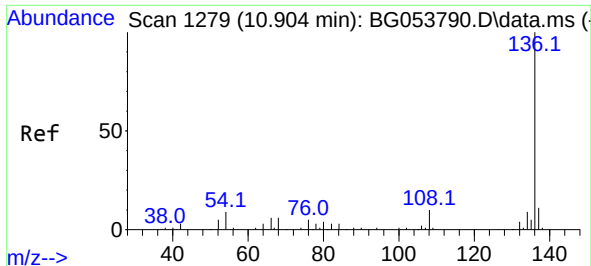
Tgt Ion: 99 Resp: 152393
Ion Ratio Lower Upper
99 100
42 18.8 17.0 25.6
71 36.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.37 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

Tgt Ion: 70 Resp: 12845
Ion Ratio Lower Upper
70 100
42 44.0 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

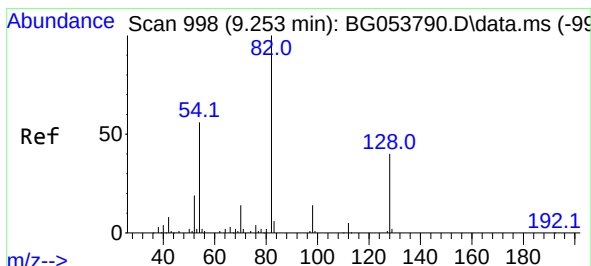
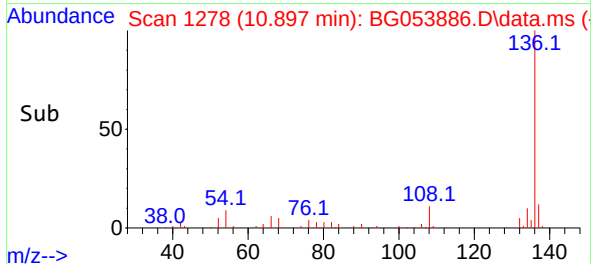
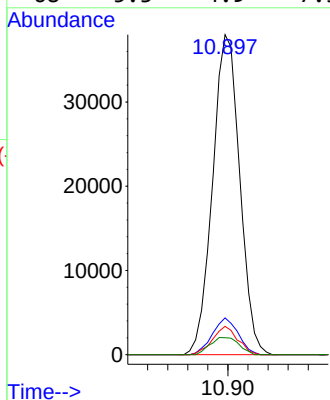
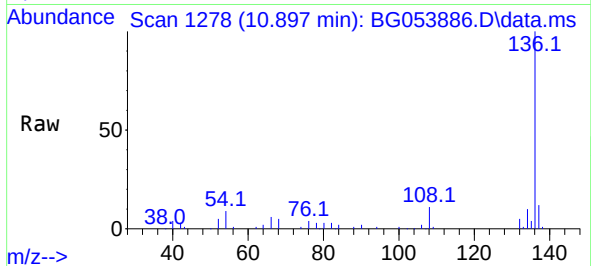




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

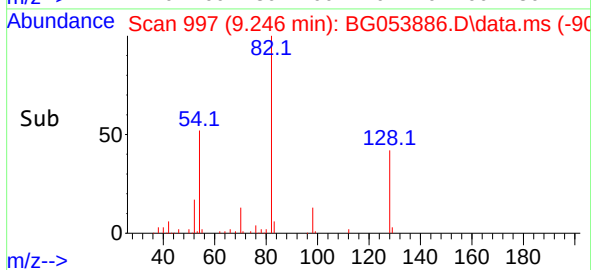
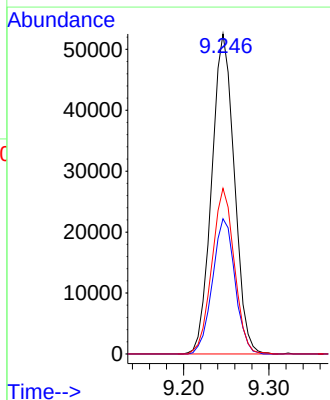
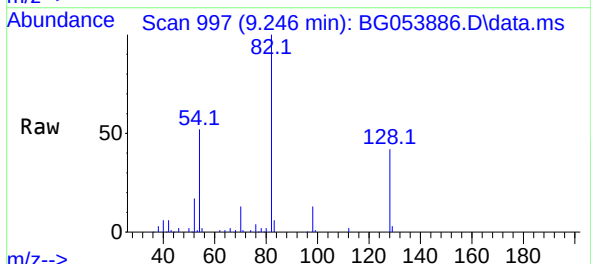
Instrument :
BNA_G
ClientSampleId :
125

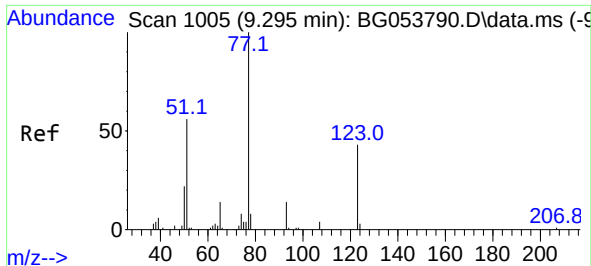
Tgt Ion:	136	Resp:	71252
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	8.8	7.4	11.2
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 89.33 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

Tgt Ion:	82	Resp:	96925
Ion Ratio	Lower	Upper	
82	100		
128	42.3	27.9	41.9
54	51.8	41.2	61.8

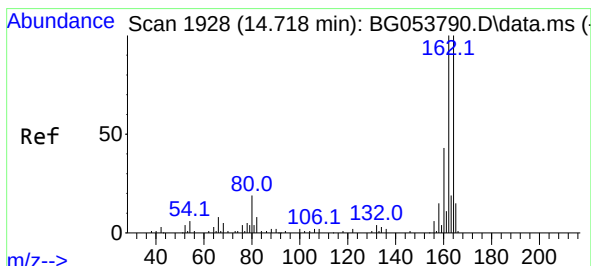
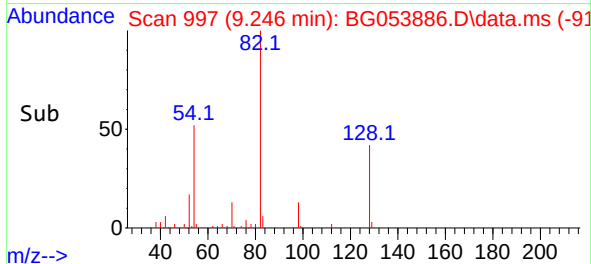
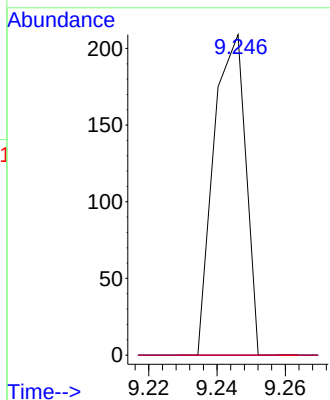
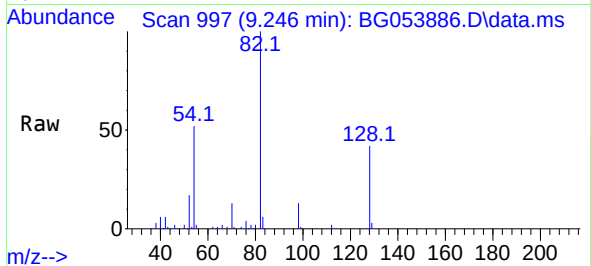




#24
Nitrobenzene
Concen: 3.08 ng
RT: 9.246 min Scan# 91
Delta R.T. -0.049 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

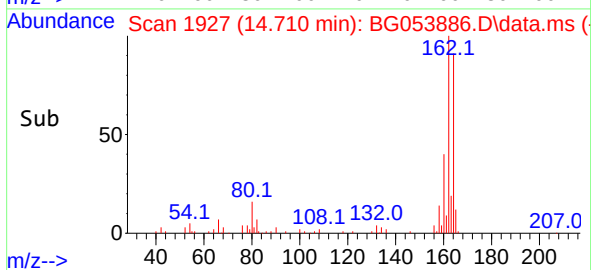
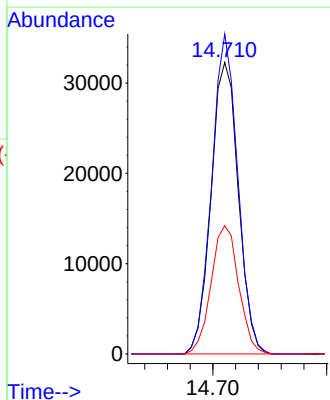
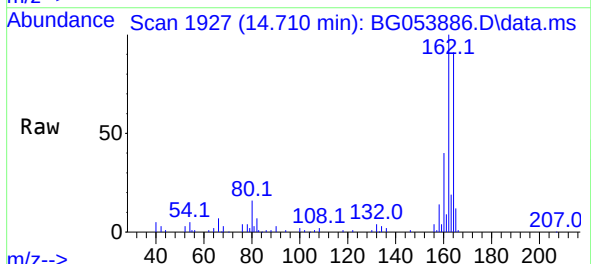
Instrument :
BNA_G
ClientSampleId :
125

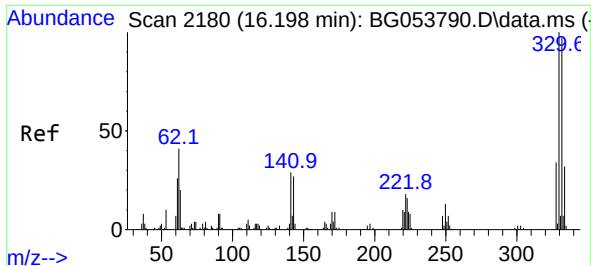
Tgt Ion: 77 Resp: 135
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

Tgt Ion: 164 Resp: 53864
Ion Ratio Lower Upper
164 100
162 109.8 82.3 123.5
160 44.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 150.47 ng

RT: 16.191 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG053886.D

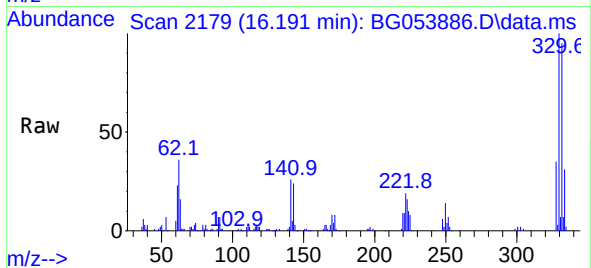
Acq: 10 Jun 2022 22:13

Instrument :

BNA_G

ClientSampleId :

125



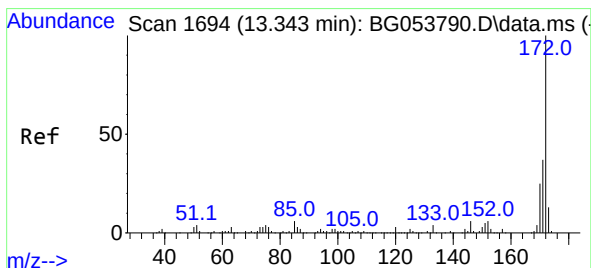
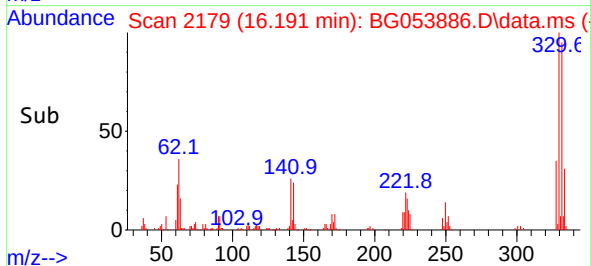
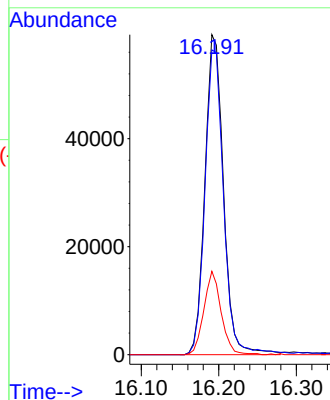
Tgt Ion:330 Resp: 98382

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 24.3 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 74.47 ng

RT: 13.335 min Scan# 1693

Delta R.T. -0.008 min

Lab File: BG053886.D

Acq: 10 Jun 2022 22:13

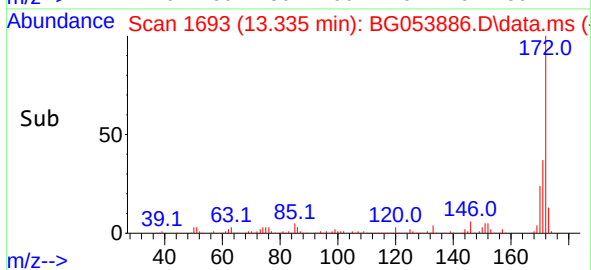
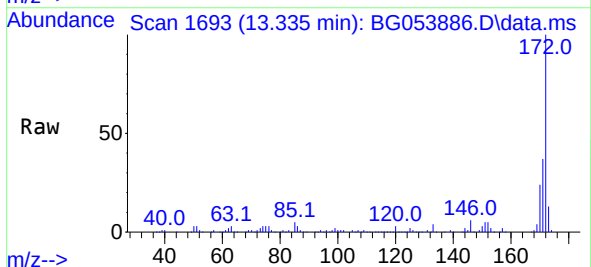
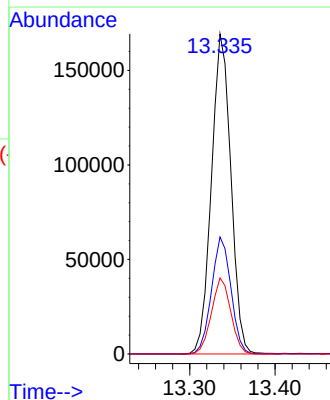
Tgt Ion:172 Resp: 268119

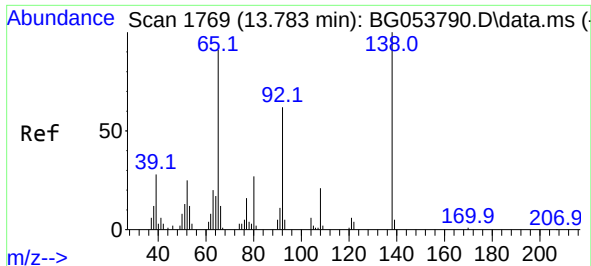
Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 23.8 18.9 28.3

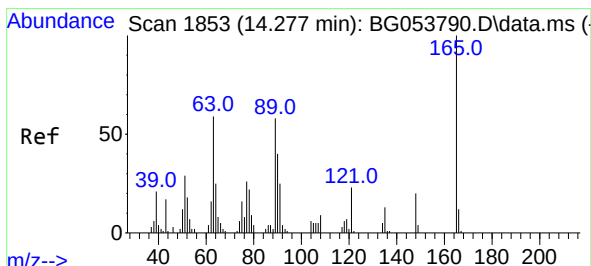
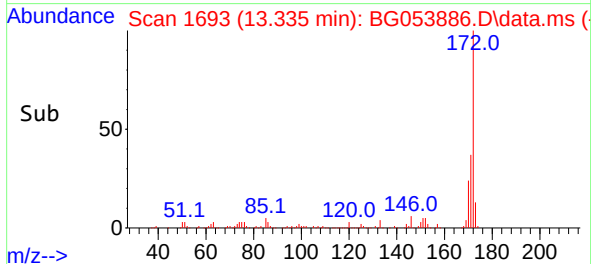
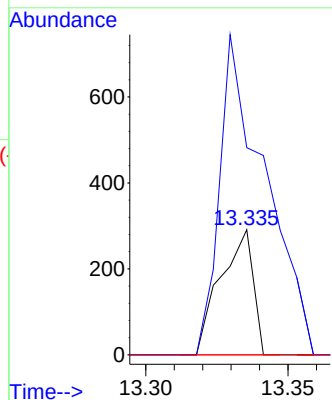
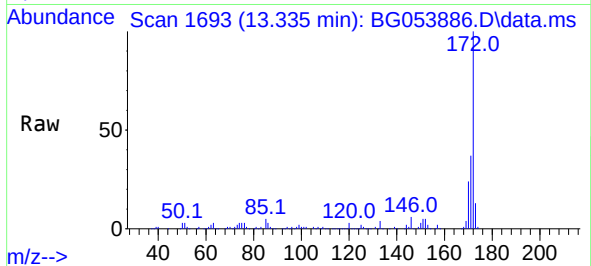




#48
2-Nitroaniline
Concen: 5.31 ng
RT: 13.335 min Scan# 1
Delta R.T. -0.448 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

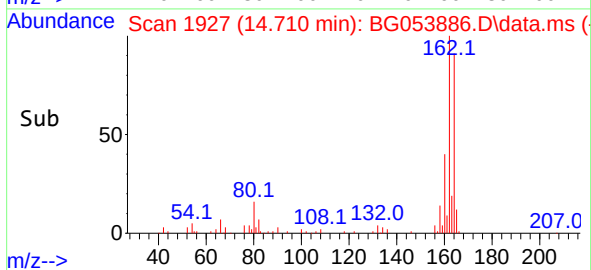
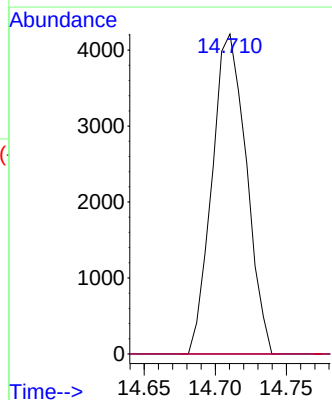
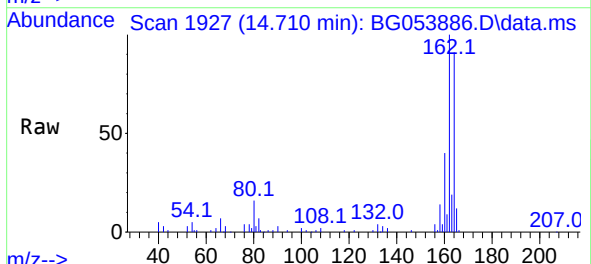
Instrument :
BNA_G
ClientSampleId :
125

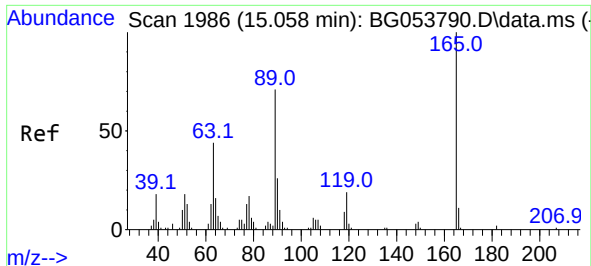
Tgt Ion: 65 Resp: 232
Ion Ratio Lower Upper
65 100
92 165.6 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.18 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.433 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

Tgt Ion:165 Resp: 7064
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: 11.05 ng

RT: 14.710 min Scan# 1986

Delta R.T. -0.348 min

Lab File: BG053886.D

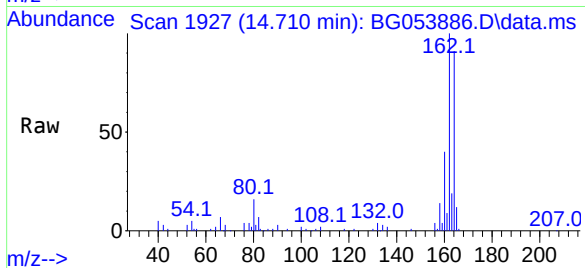
Acq: 10 Jun 2022 22:13

Instrument :

BNA_G

ClientSampleId :

125



Tgt Ion:165 Resp: 7064

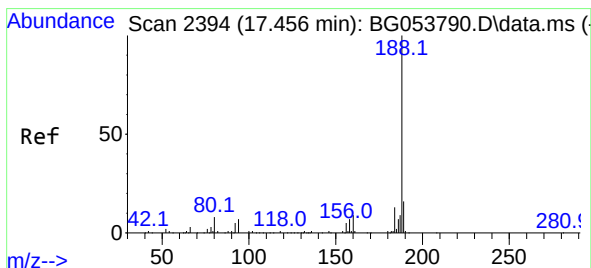
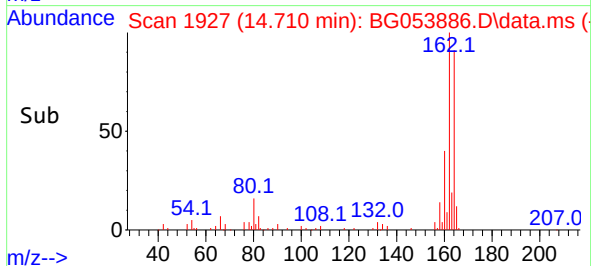
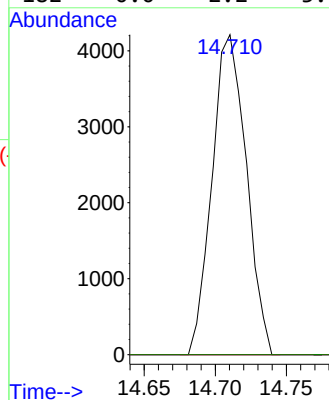
Ion Ratio Lower Upper

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: 20.00 ng

RT: 17.454 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG053886.D

Acq: 10 Jun 2022 22:13

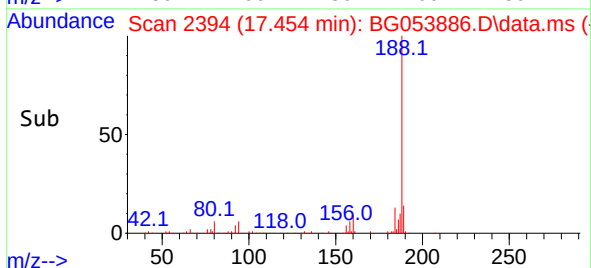
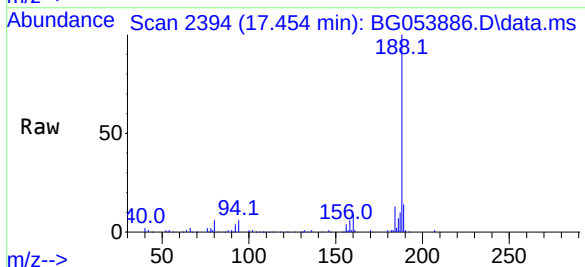
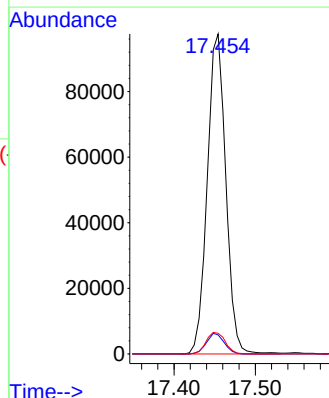
Tgt Ion:188 Resp: 154334

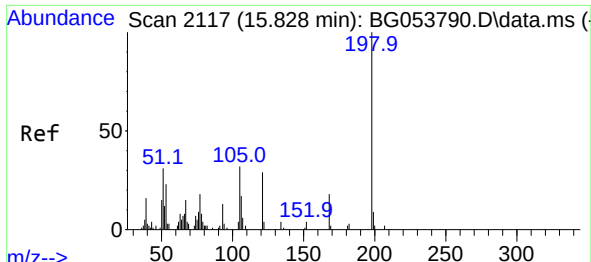
Ion Ratio Lower Upper

188 100

94 5.9 5.4 8.0

80 6.5 6.8 10.2#

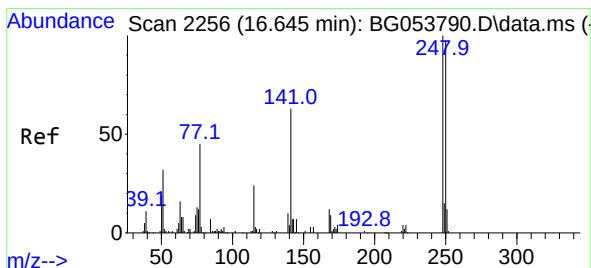
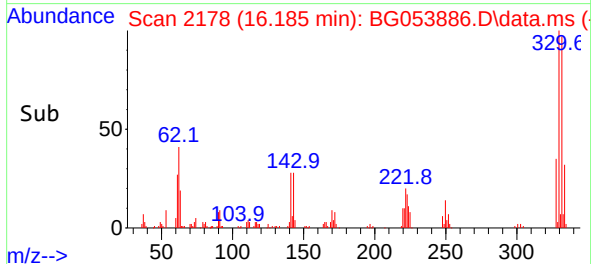
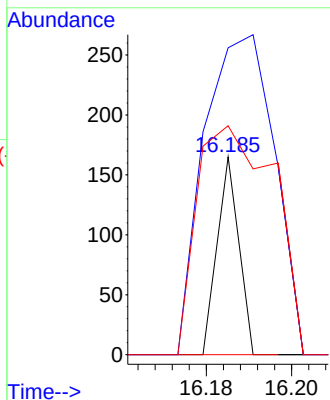
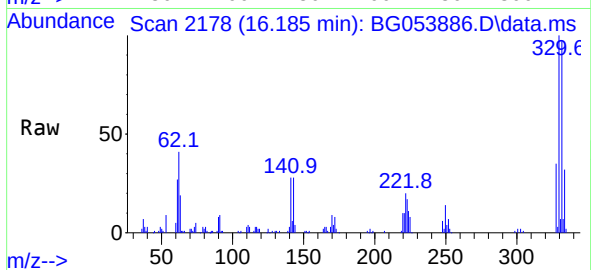




#65
4,6-Dinitro-2-methylphenol
Concen: 5.69 ng
RT: 16.185 min Scan# 2117
Delta R.T. 0.357 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

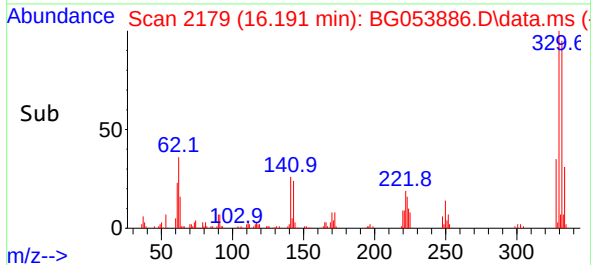
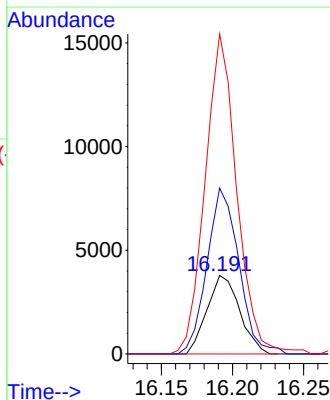
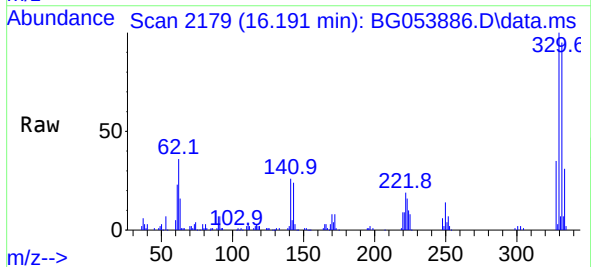
Instrument :
BNA_G
ClientSampleId :
125

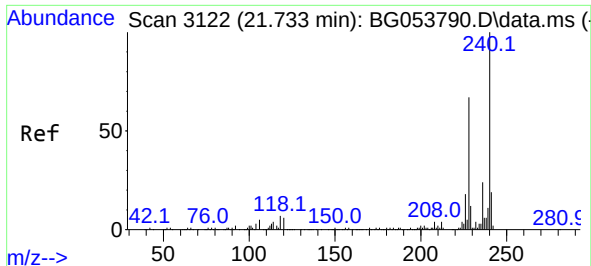
Tgt Ion:	198	Resp:	58
Ion	Ratio	Lower	Upper
198	100		
51	37.9	28.1	68.1
105	28.3	20.3	60.3



#67
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 16.191 min Scan# 2179
Delta R.T. -0.454 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

Tgt Ion:	248	Resp:	6044
Ion	Ratio	Lower	Upper
248	100		
250	160.4	75.2	112.8#
141	309.2	50.0	75.0#

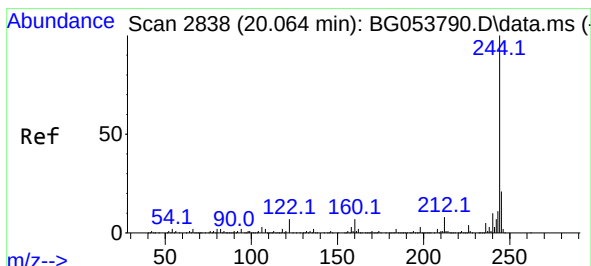
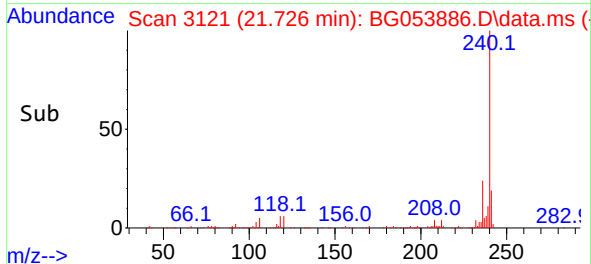
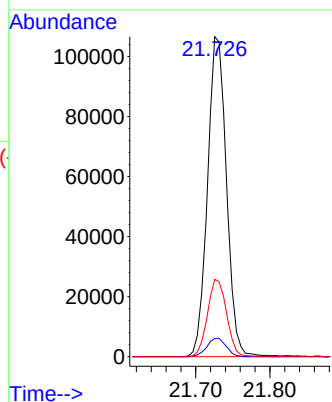
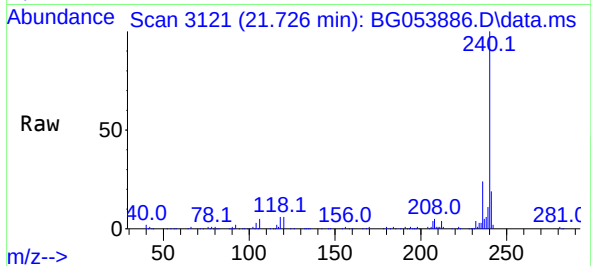




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.726 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

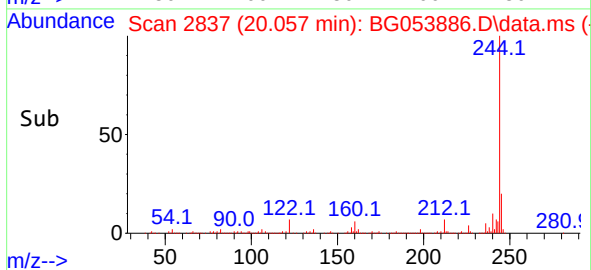
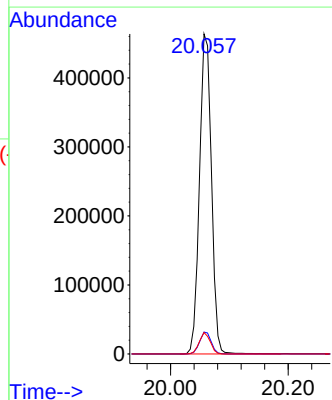
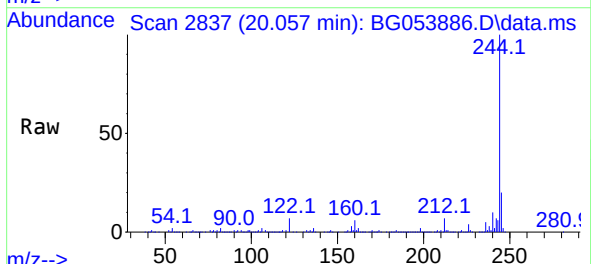
Instrument :
BNA_G
ClientSampleId :
125

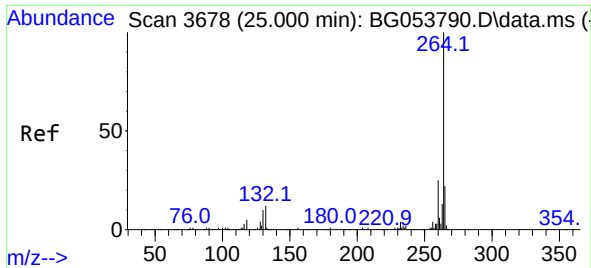
Tgt Ion:240 Resp: 189383
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 24.1 20.2 30.4



#79
Terphenyl-d14
Concen: 68.61 ng
RT: 20.057 min Scan# 2837
Delta R.T. -0.007 min
Lab File: BG053886.D
Acq: 10 Jun 2022 22:13

Tgt Ion:244 Resp: 653126
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 6.7 5.0 7.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.998 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG053886.D
 Acq: 10 Jun 2022 22:13

Instrument :
 BNA_G
 ClientSampleId :
 125

Tgt Ion:264 Resp: 190229
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 19.7 17.4 26.2

