

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053885.D
 Acq On : 10 Jun 2022 21:34
 Operator : CG/JU
 Sample : N3287-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Quant Time: Jun 11 02:06:31 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)

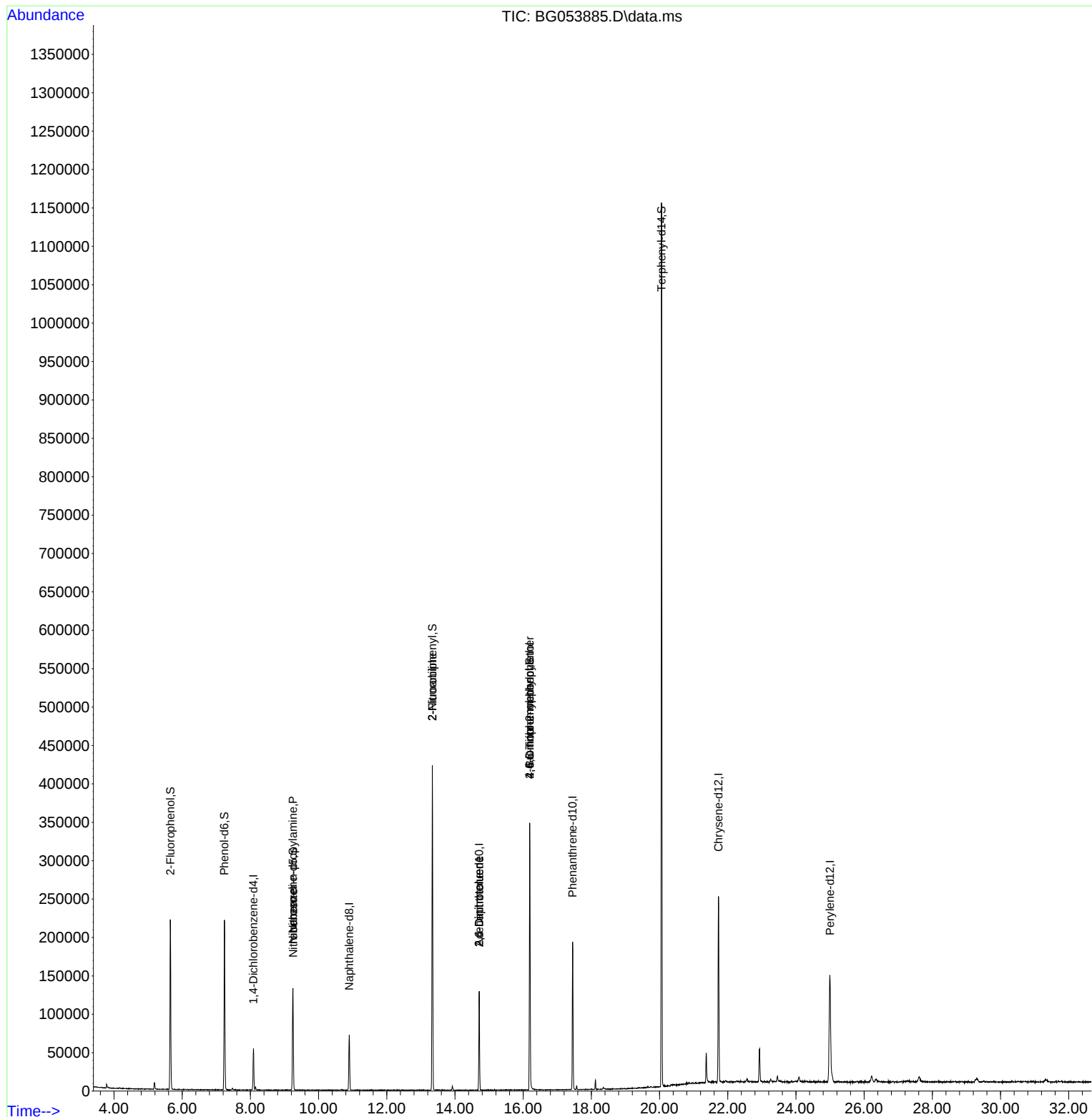
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	16503	20.00	ng	0.00
21) Naphthalene-d8	10.899	136	65627	20.00	ng	0.00
39) Acenaphthene-d10	14.712	164	49845	20.00	ng	0.00
64) Phenanthrene-d10	17.450	188	139052	20.00	ng	# 0.00
76) Chrysene-d12	21.727	240	175935	20.00	ng	0.00
86) Perylene-d12	25.000	264	176570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	103808	115.51	ng	0.00
7) Phenol-d6	7.238	99	134890	110.81	ng	0.00
23) Nitrobenzene-d5	9.248	82	86178	86.23	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	86199	142.47	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	242497	72.78	ng	0.00
79) Terphenyl-d14	20.058	244	647061	73.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.248	70	11162	12.95	ng	# 79
24) Nitrobenzene	9.253	77	185	3.13	ng	# 48
48) 2-Nitroaniline	13.337	65	295	5.42	ng	# 1
51) 2,6-Dinitrotoluene	14.712	165	6601	13.27	ng	# 16
57) 2,4-Dinitrotoluene	14.712	165	6601	11.12	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.192	198	67	5.71	ng	# 50
67) 4-Bromophenyl-phenylether	16.192	248	5278	3.49	ng	# 1

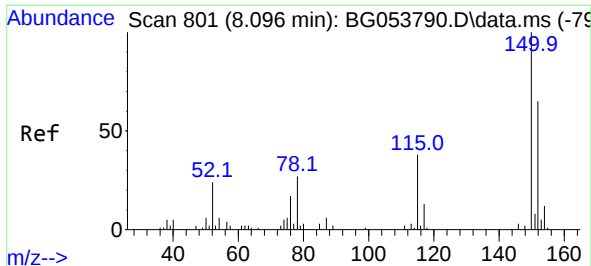
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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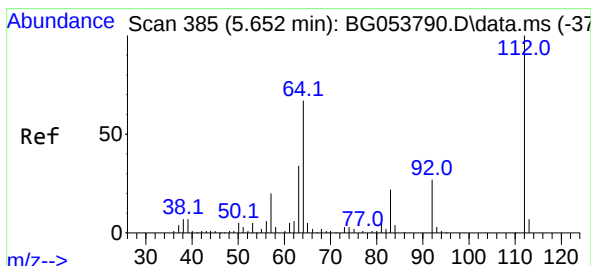
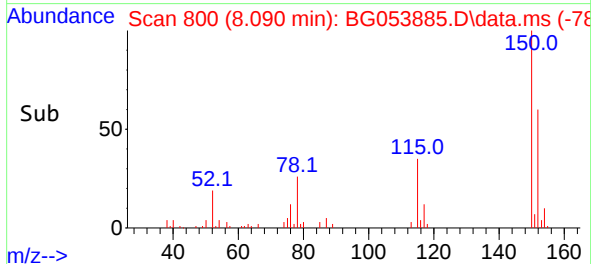
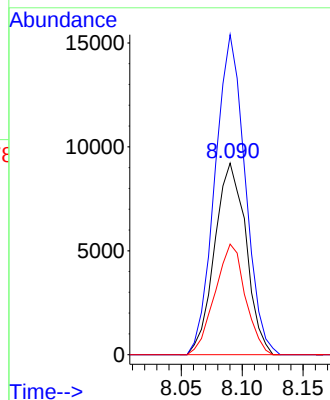
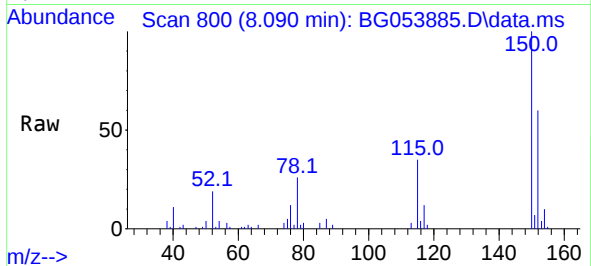




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 801
Delta R.T. -0.006 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

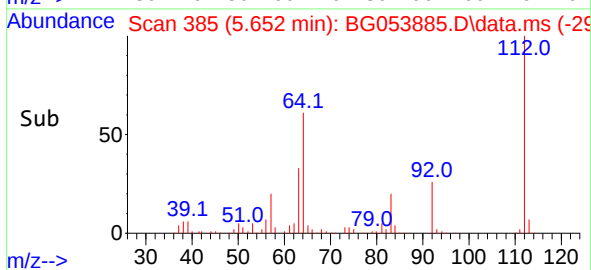
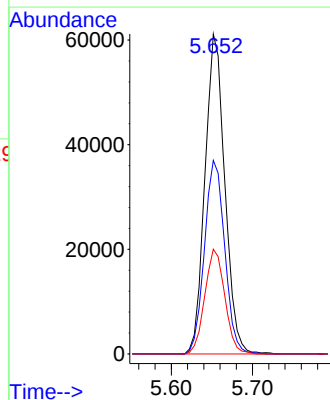
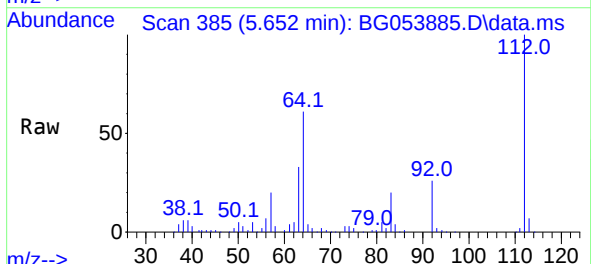
Instrument :
BNA_G
ClientSampleId :
SB-2

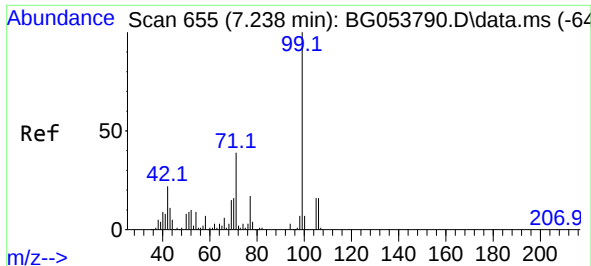
Tgt Ion:152 Resp: 16503
Ion Ratio Lower Upper
152 100
150 167.0 131.6 197.4
115 57.7 50.9 76.3



#5
2-Fluorophenol
Concen: 115.51 ng
RT: 5.652 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

Tgt Ion:112 Resp: 103808
Ion Ratio Lower Upper
112 100
64 60.5 55.1 82.7
63 32.7 30.4 45.6

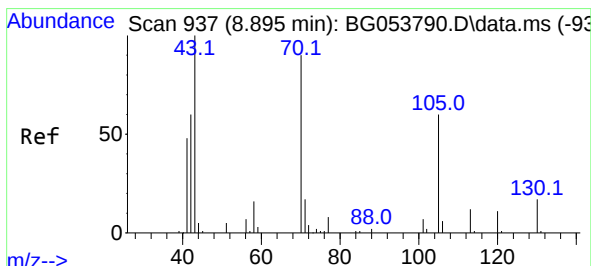
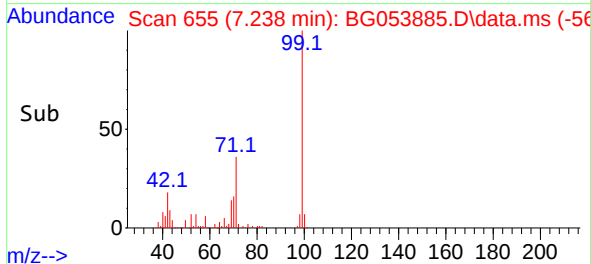
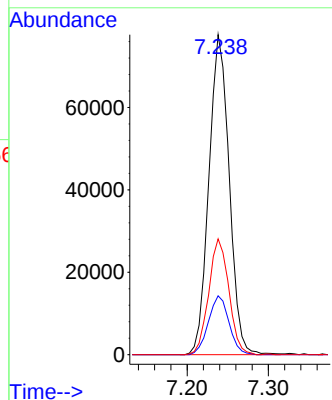
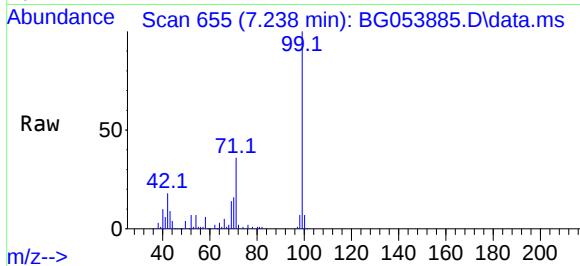




#7
Phenol-d6
Concen: 110.81 ng
RT: 7.238 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

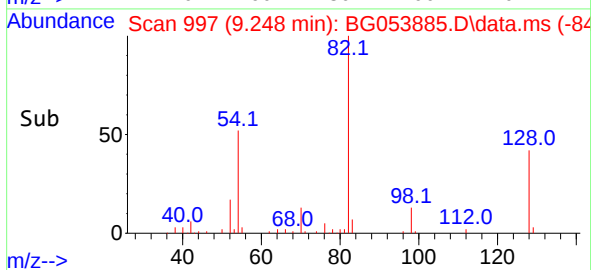
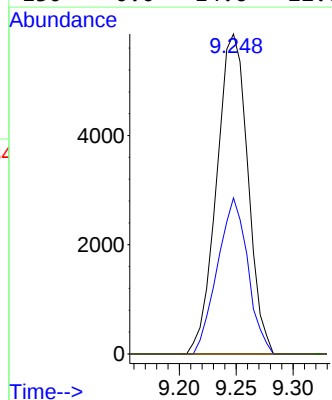
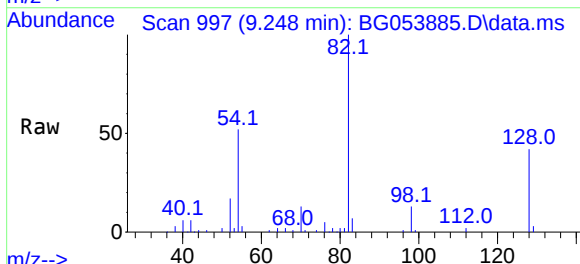
Instrument :
BNA_G
ClientSampleId :
SB-2

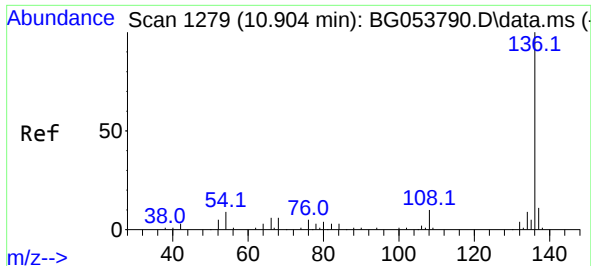
Tgt Ion: 99 Resp: 134890
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 36.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.95 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.352 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

Tgt Ion: 70 Resp: 11162
Ion Ratio Lower Upper
70 100
42 48.7 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

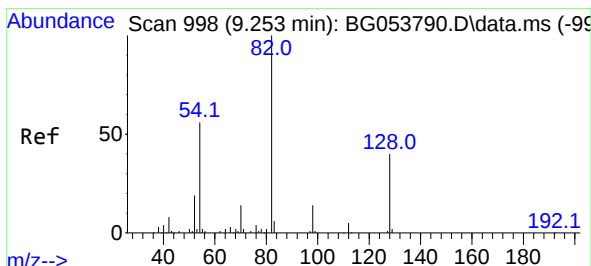
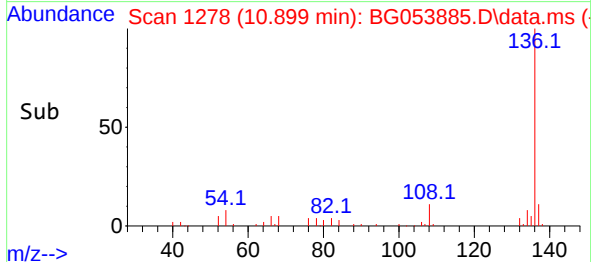
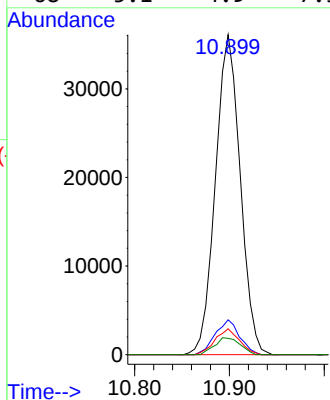
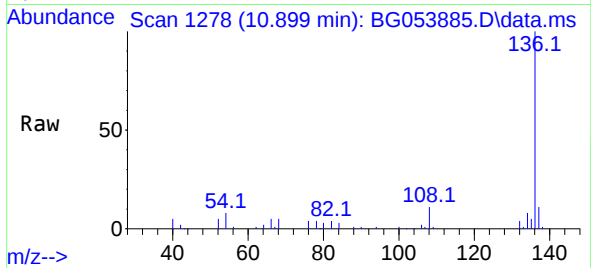




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

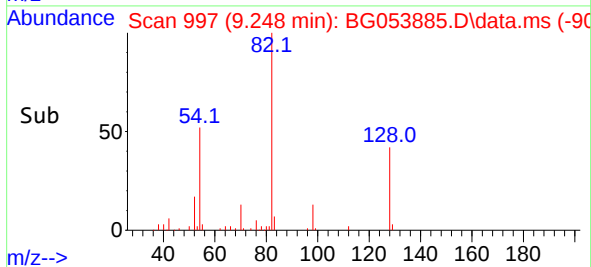
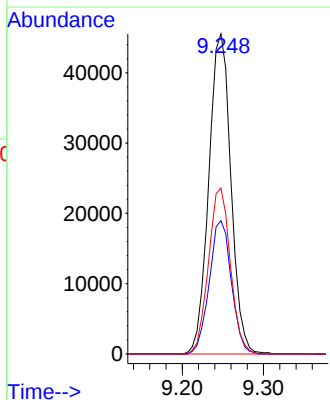
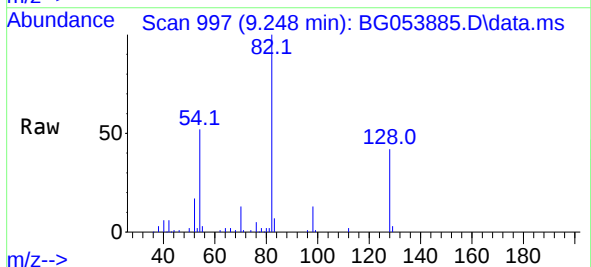
Instrument :
BNA_G
ClientSampleId :
SB-2

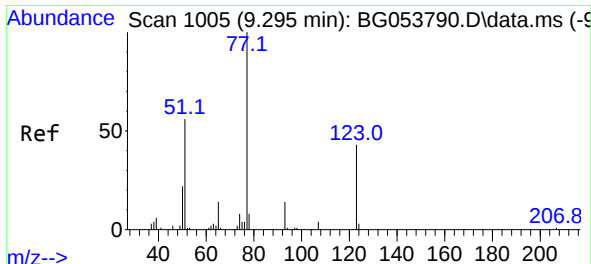
Tgt Ion:	136	Resp:	65627
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.1	7.4	11.2
68	5.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 86.23 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

Tgt Ion:	82	Resp:	86178
Ion	Ratio	Lower	Upper
82	100		
128	41.7	27.9	41.9
54	51.9	41.2	61.8

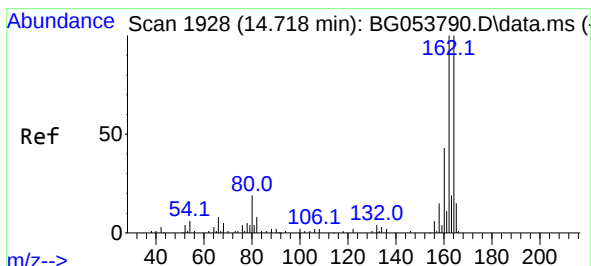
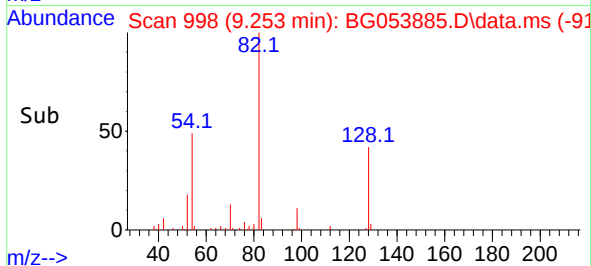
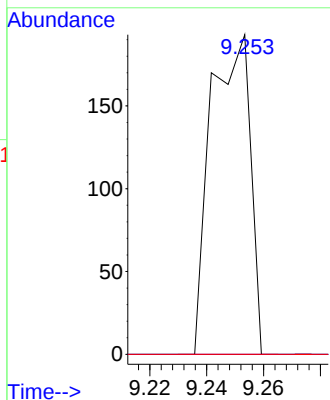
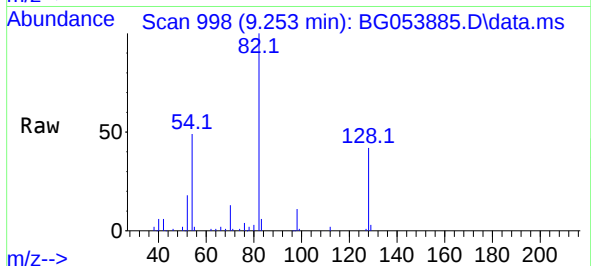




#24
Nitrobenzene
Concen: 3.13 ng
RT: 9.253 min Scan# 91
Delta R.T. -0.042 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

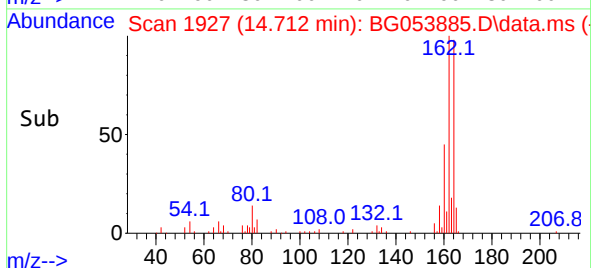
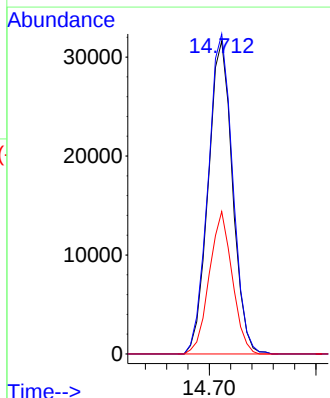
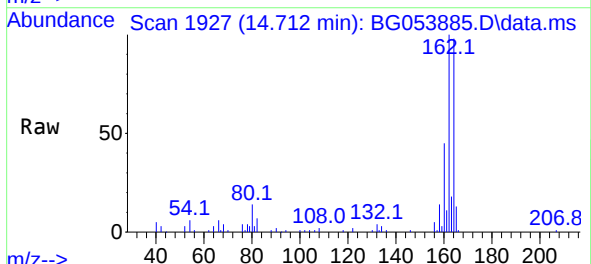
Instrument :
BNA_G
ClientSampleId :
SB-2

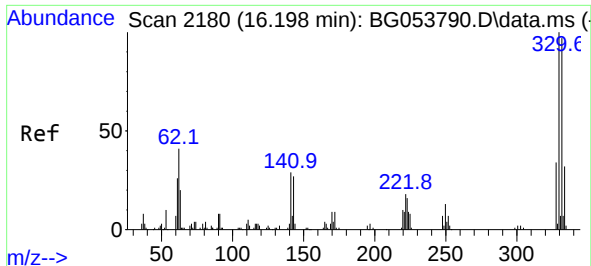
Tgt Ion: 77 Resp: 185
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.712 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

Tgt Ion: 164 Resp: 49845
Ion Ratio Lower Upper
164 100
162 102.2 82.3 123.5
160 45.5 34.2 51.2

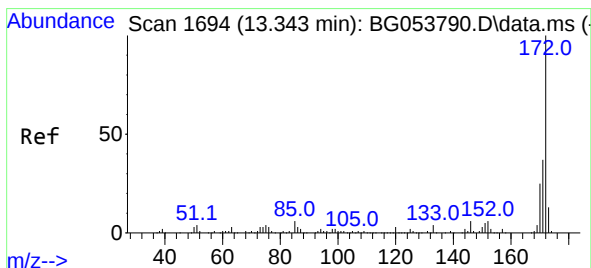
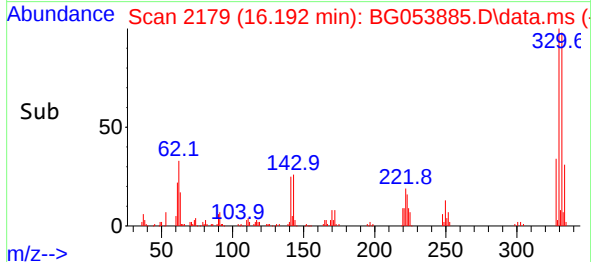
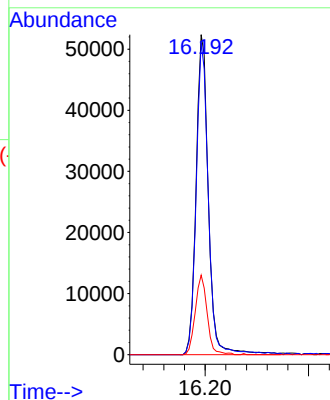
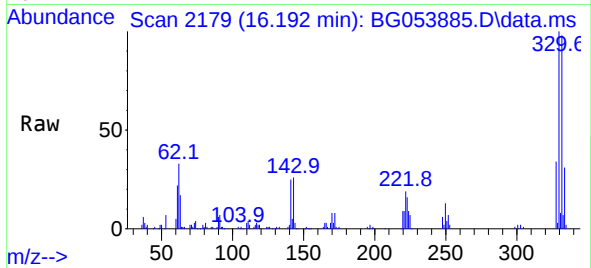




#42
2,4,6-Tribromophenol
Concen: 142.47 ng
RT: 16.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

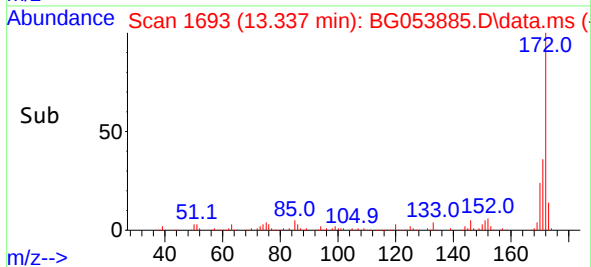
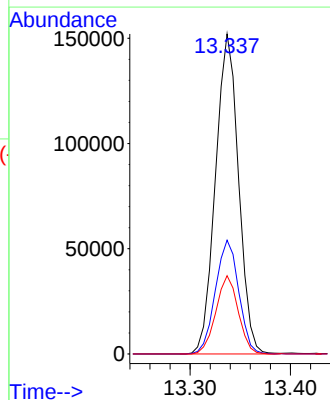
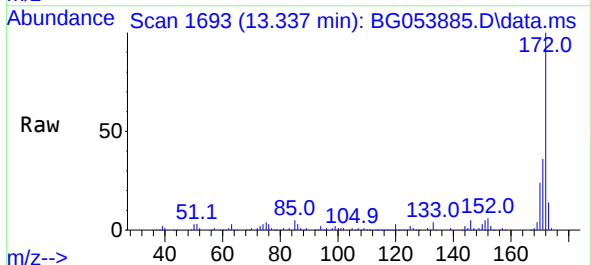
Instrument :
BNA_G
ClientSampleId :
SB-2

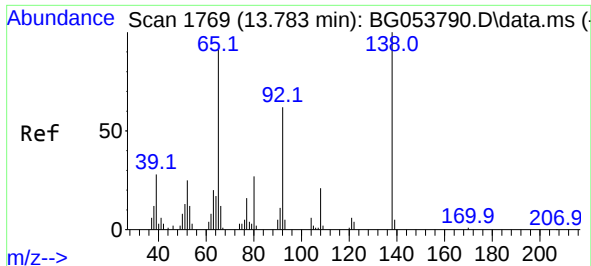
Tgt Ion:330 Resp: 86199
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 24.0 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 72.78 ng
RT: 13.337 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

Tgt Ion:172 Resp: 242497
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.5 18.9 28.3





#48

2-Nitroaniline

Concen: 5.42 ng

RT: 13.337 min Scan# 1

Delta R.T. -0.446 min

Lab File: BG053885.D

Acq: 10 Jun 2022 21:34

Instrument :

BNA_G

ClientSampleId :

SB-2

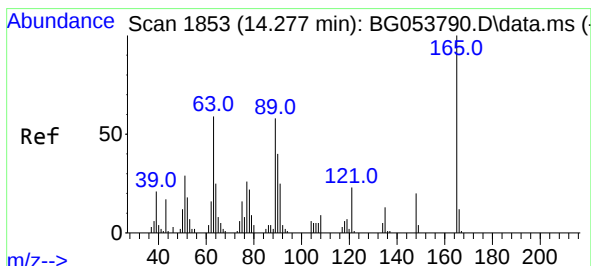
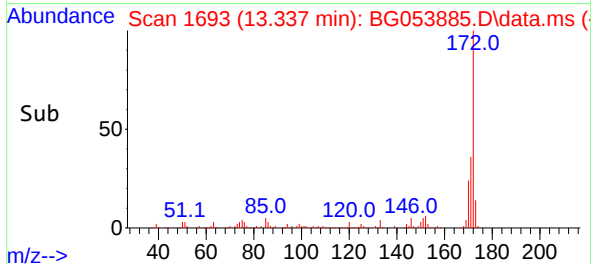
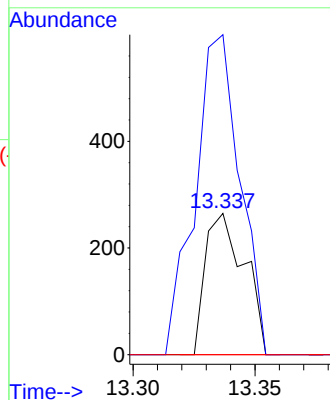
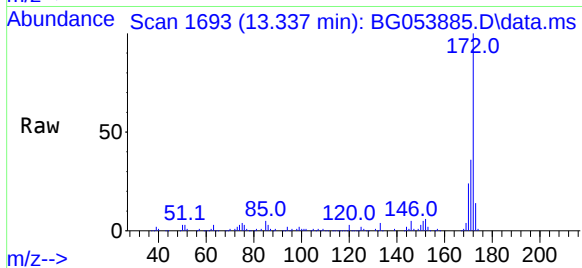
Tgt Ion: 65 Resp: 295

Ion Ratio Lower Upper

65 100

92 226.4 51.5 77.3#

138 0.0 71.3 106.9#



#51

2,6-Dinitrotoluene

Concen: 13.27 ng

RT: 14.712 min Scan# 1927

Delta R.T. 0.435 min

Lab File: BG053885.D

Acq: 10 Jun 2022 21:34

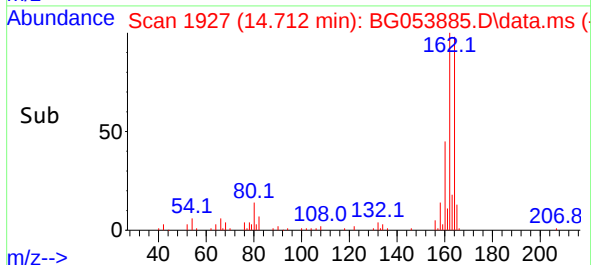
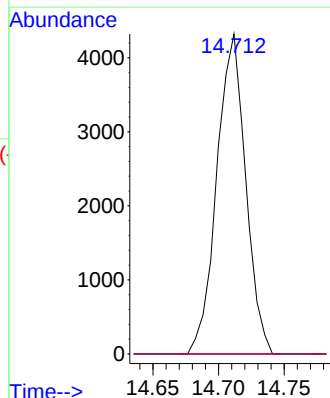
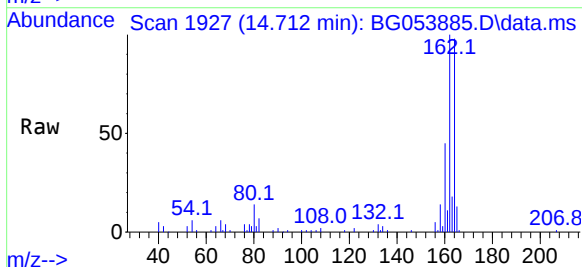
Tgt Ion:165 Resp: 6601

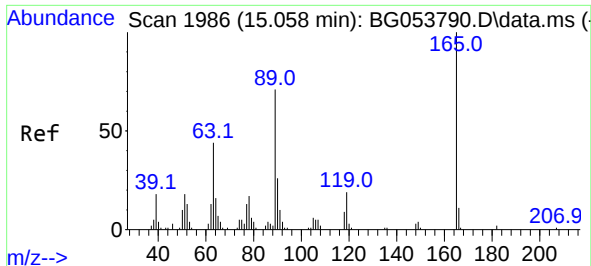
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

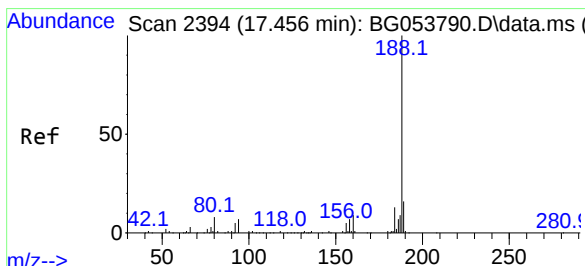
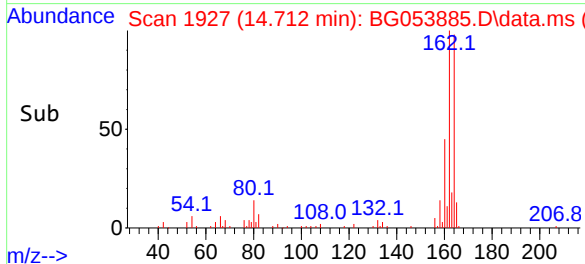
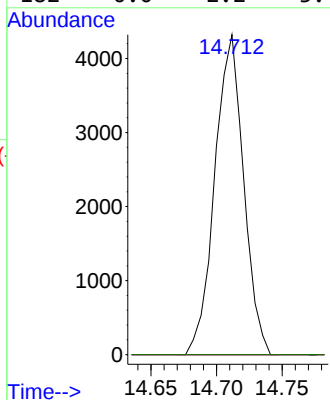
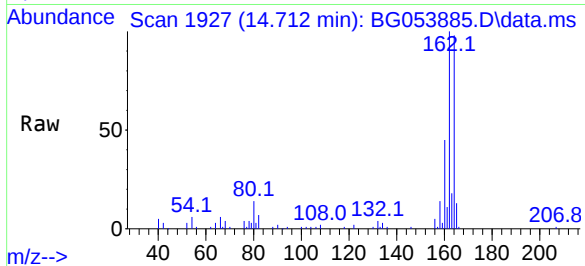




#57
2,4-Dinitrotoluene
Concen: 11.12 ng
RT: 14.712 min Scan# 1986
Delta R.T. -0.346 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

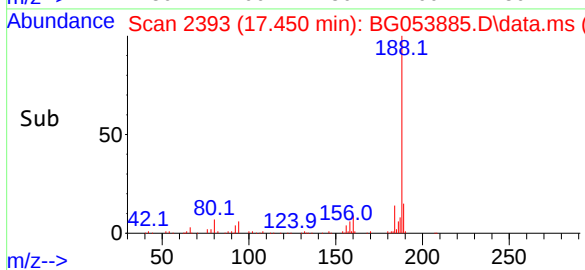
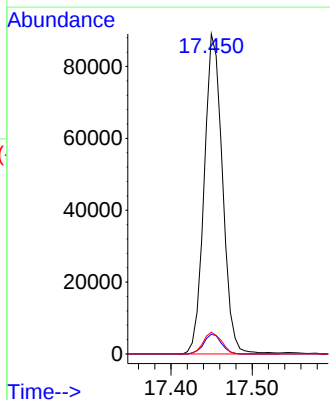
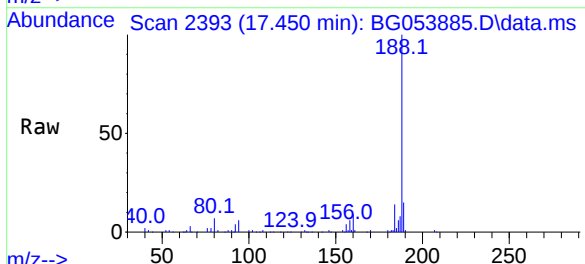
Instrument :
BNA_G
ClientSampleId :
SB-2

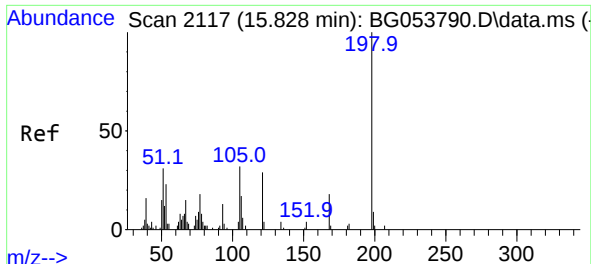
Tgt Ion:165	Resp:	6601
Ion	Ratio	Lower Upper
165	100	
63	0.0	34.6 52.0#
89	0.0	60.3 90.5#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.450 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

Tgt Ion:188	Resp:	139052
Ion	Ratio	Lower Upper
188	100	
94	6.1	5.4 8.0
80	6.8	6.8 10.2#

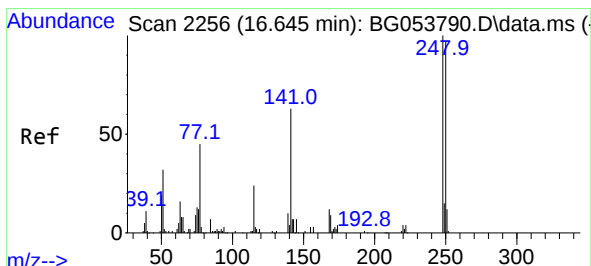
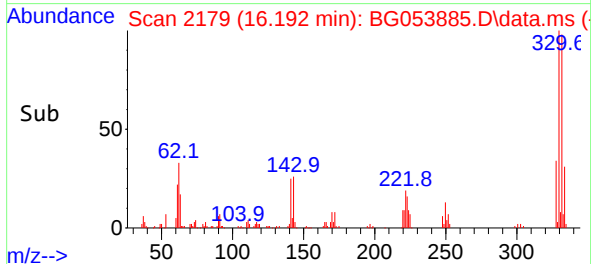
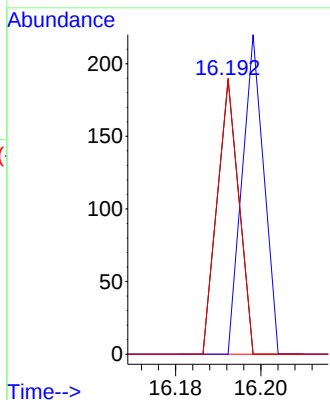
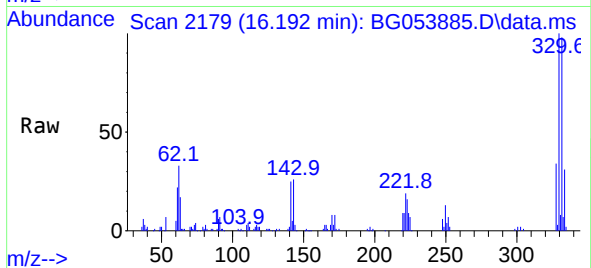




#65
4,6-Dinitro-2-methylphenol
Concen: 5.71 ng
RT: 16.192 min Scan# 2117
Delta R.T. 0.364 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

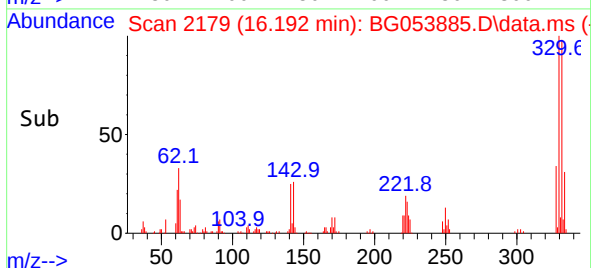
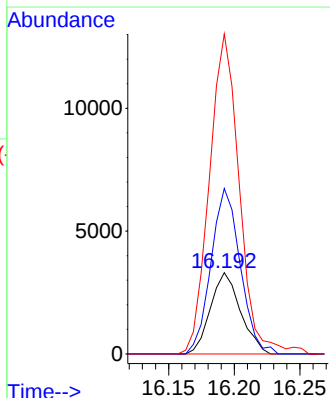
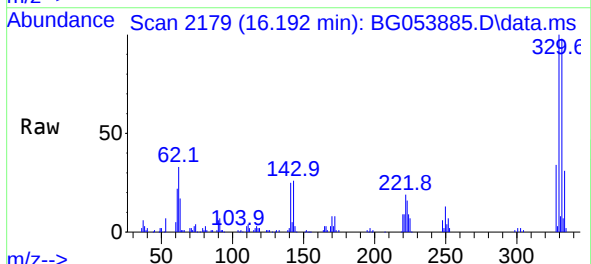
Instrument :
BNA_G
ClientSampleId :
SB-2

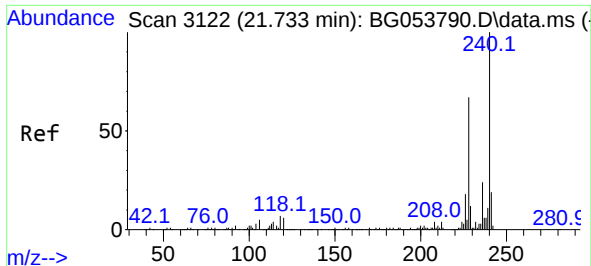
Tgt Ion:198 Resp: 67
Ion Ratio Lower Upper
198 100
51 0.0 28.1 68.1#
105 25.3 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 16.192 min Scan# 2179
Delta R.T. -0.453 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

Tgt Ion:248 Resp: 5278
Ion Ratio Lower Upper
248 100
250 194.7 75.2 112.8#
141 292.9 50.0 75.0#

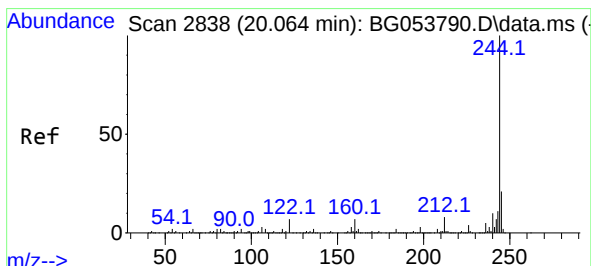
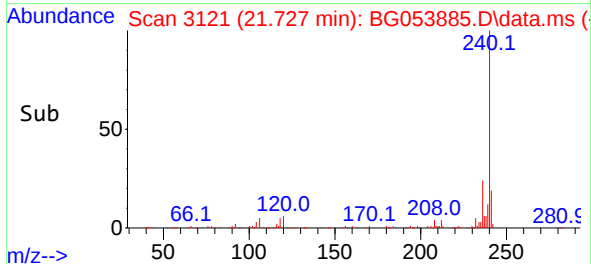
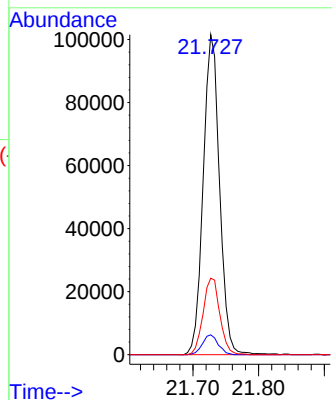
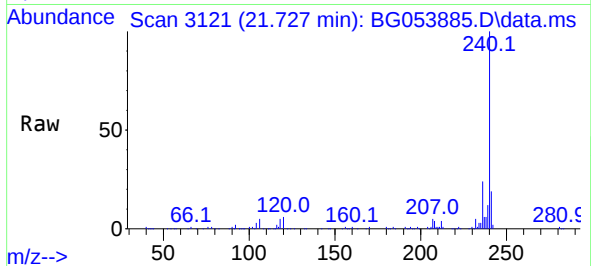




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.727 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

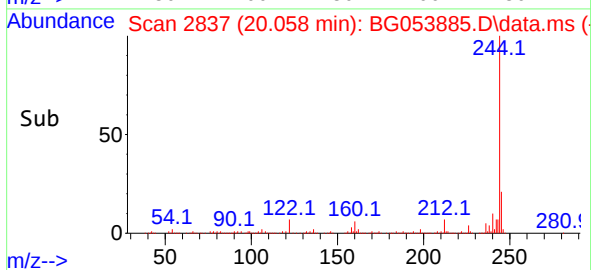
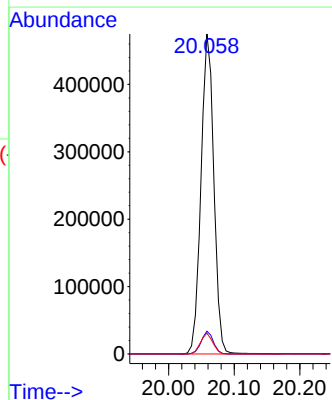
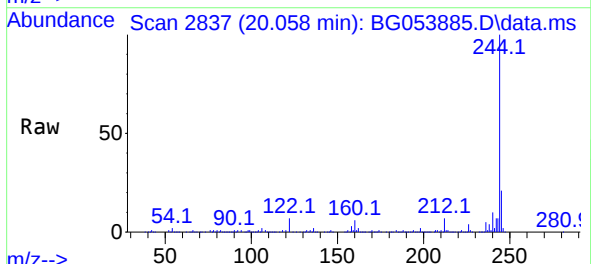
Instrument :
BNA_G
ClientSampleId :
SB-2

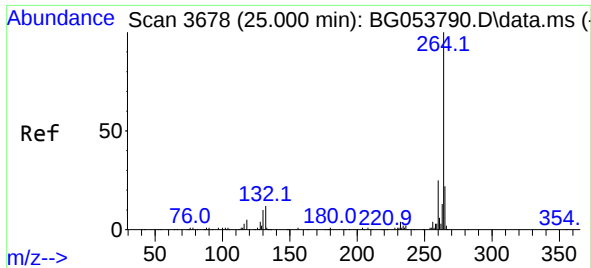
Tgt Ion:240 Resp: 175935
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 23.9 20.2 30.4



#79
Terphenyl-d14
Concen: 73.17 ng
RT: 20.058 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BG053885.D
Acq: 10 Jun 2022 21:34

Tgt Ion:244 Resp: 647061
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 6.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.000 min Scan# 3
 Delta R.T. -0.000 min
 Lab File: BG053885.D
 Acq: 10 Jun 2022 21:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Tgt Ion:264 Resp: 176570
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 20.9 17.4 26.2

