

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
 Data File : BG053716.D
 Acq On : 26 May 2022 14:23
 Operator : CG/JU
 Sample : N2943-19DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP051822DL

Quant Time: May 26 15:59:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

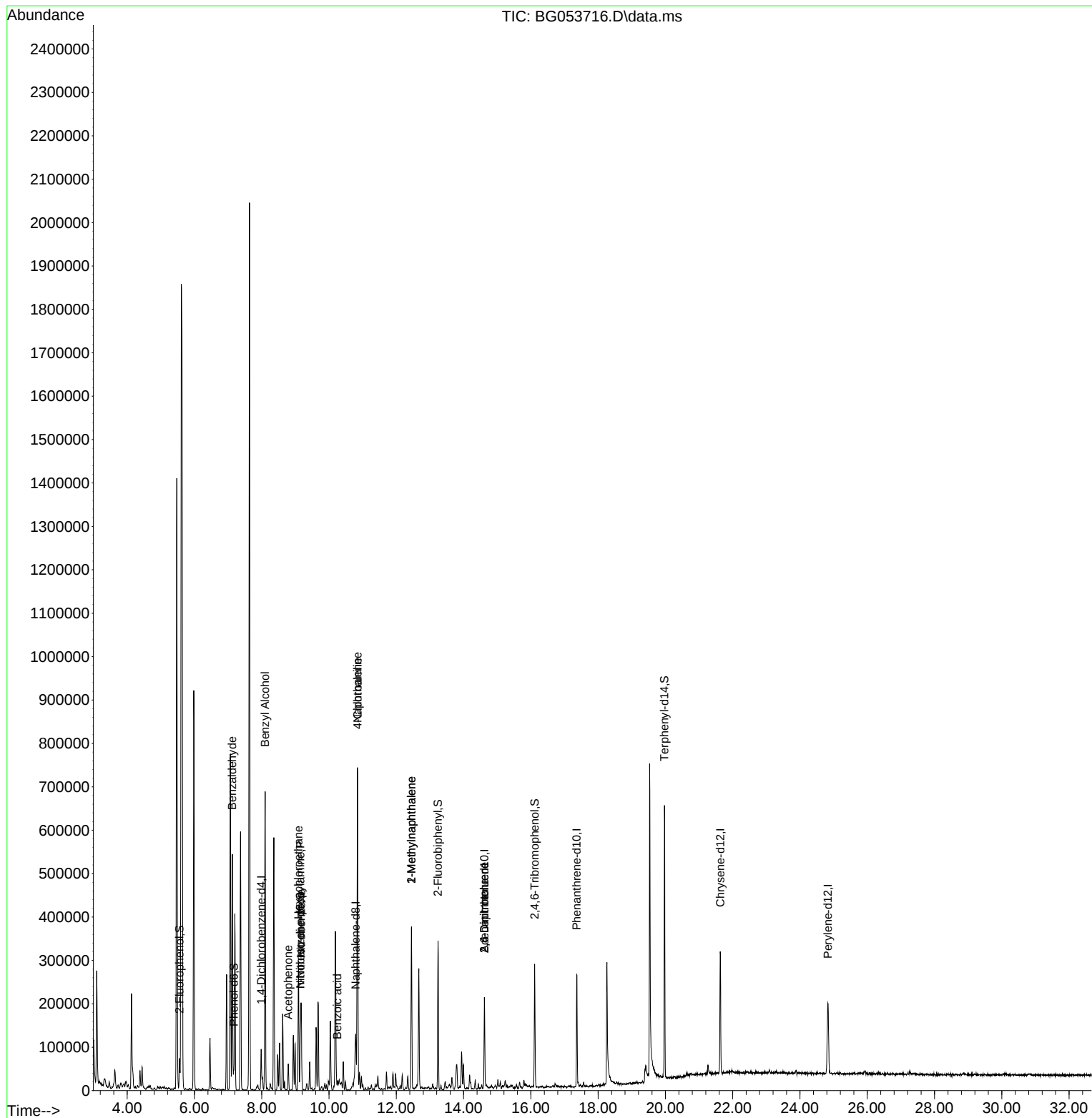
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	24387	20.000	ng	0.00
21) Naphthalene-d8	10.790	136	95339	20.000	ng	-0.01
39) Acenaphthene-d10	14.620	164	71341	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	165007	20.000	ng	-0.01
76) Chrysene-d12	21.628	240	171489	20.000	ng	-0.01
86) Perylene-d12	24.830	264	178162	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	30346	21.118	ng	0.00
7) Phenol-d6	7.165	99	25768	11.816	ng	0.00
23) Nitrobenzene-d5	9.145	82	74395	33.217	ng	-0.01
42) 2,4,6-Tribromophenol	16.112	330	56992	54.165	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	172833	35.401	ng	0.00
79) Terphenyl-d14	19.972	244	312302	33.918	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.124	77	43844	31.646	ng	# 1
15) Benzyl Alcohol	8.099	79	39523	21.678	ng	# 12
18) Hexachloroethane	9.092	117	40955	60.307	ng	# 1
19) n-Nitroso-di-n-propyla...	9.145	70	10604	6.777	ng	# 79
22) Acetophenone	8.787	105	40970	15.702	ng	# 53
24) Nitrobenzene	9.169	77	7815	3.605	ng	# 1
31) Naphthalene	10.843	128	563066	116.104	ng	99
32) Benzoic acid	10.244	122	67	8.553	ng	# 1
33) 4-Chloroaniline	10.849	127	76463	37.648	ng	# 33
37) 2-Methylnaphthalene	12.447	142	172038	47.535	ng	97
38) 1-Methylnaphthalene	12.447	142	172038	48.721	ng	92
51) 2,6-Dinitrotoluene	14.620	165	10179	9.216	ng	# 22
57) 2,4-Dinitrotoluene	14.620	165	10179	6.358	ng	# 27

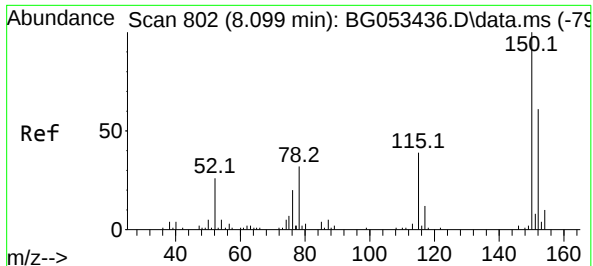
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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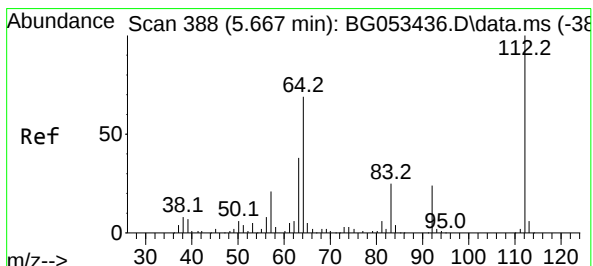
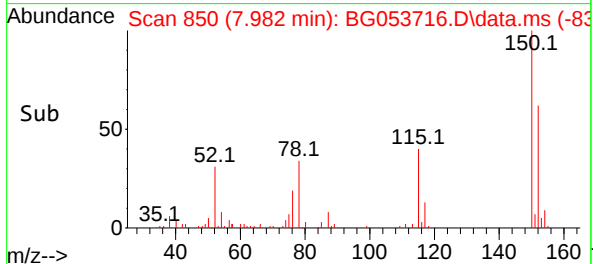
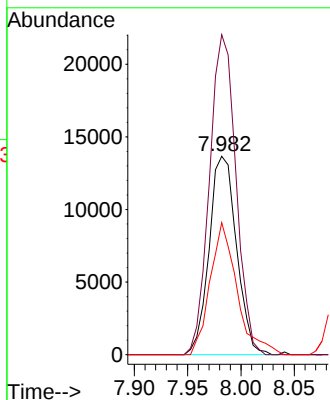
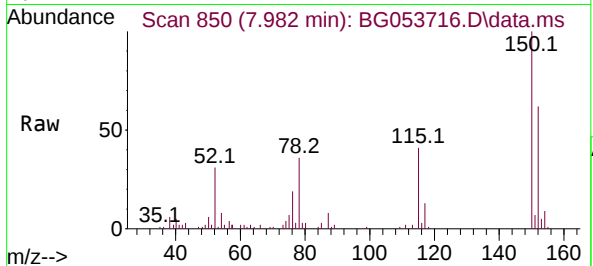




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

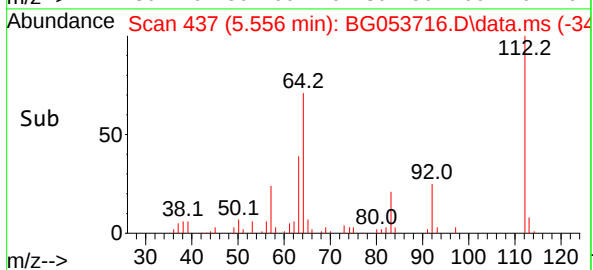
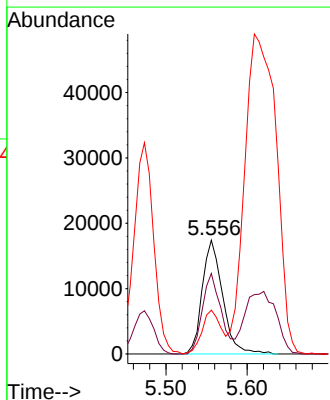
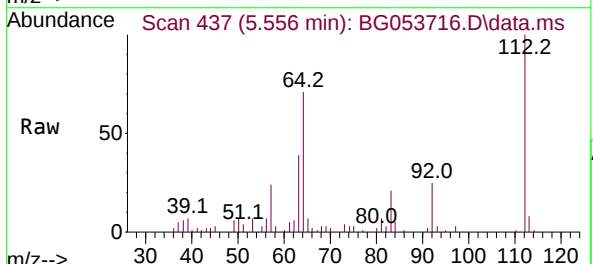
Instrument :
BNA_G
ClientSampleId :
DUP051822DL

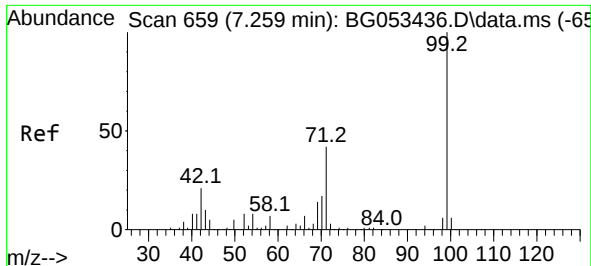
Tgt Ion:152 Resp: 24387
Ion Ratio Lower Upper
152 100
150 161.3 131.6 197.4
115 66.6 50.9 76.3



#5
2-Fluorophenol
Concen: 21.118 ng
RT: 5.556 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Tgt Ion:112 Resp: 30346
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 38.6 30.4 45.6

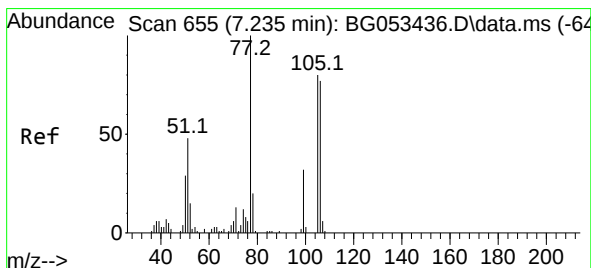
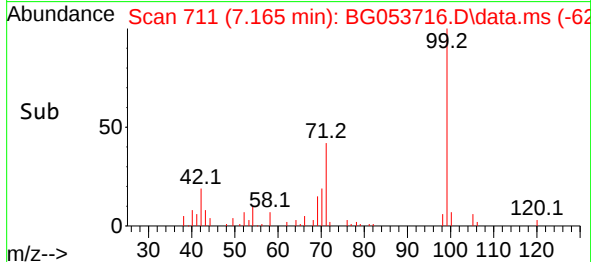
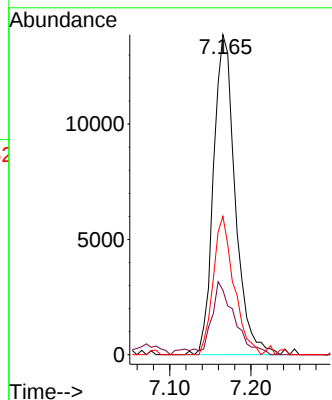
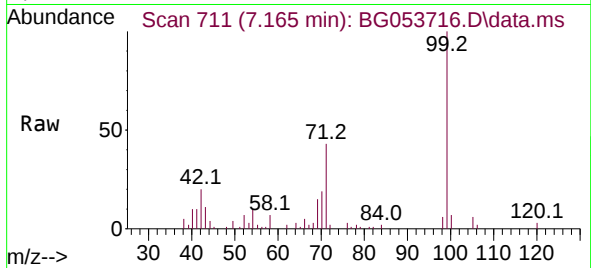




#7
Phenol-d6
Concen: 11.816 ng
RT: 7.165 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

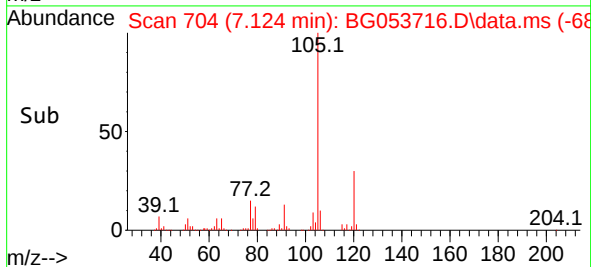
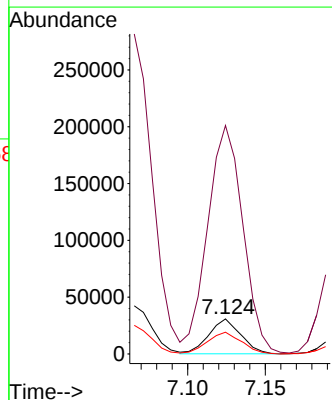
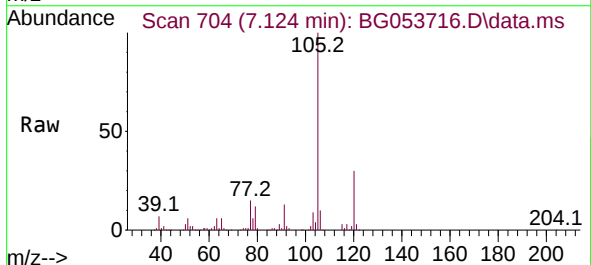
Instrument :
BNA_G
ClientSampleId :
DUP051822DL

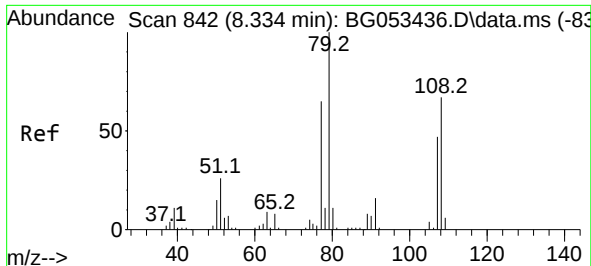
Tgt Ion: 99 Resp: 25768
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 43.3 33.8 50.8



#9
Benzaldehyde
Concen: 31.646 ng
RT: 7.124 min Scan# 704
Delta R.T. 0.002 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Tgt Ion: 77 Resp: 43844
Ion Ratio Lower Upper
77 100
105 651.0 59.6 99.6#
106 62.0 56.8 96.8

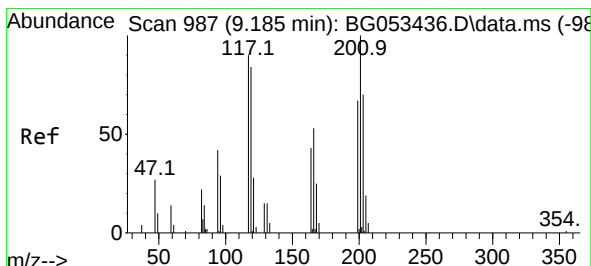
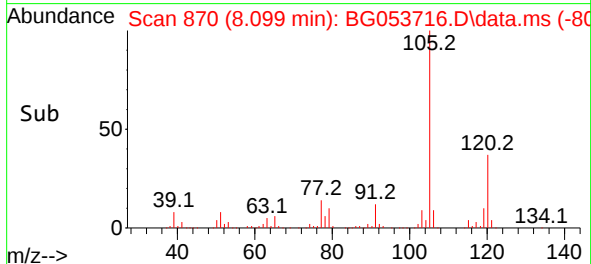
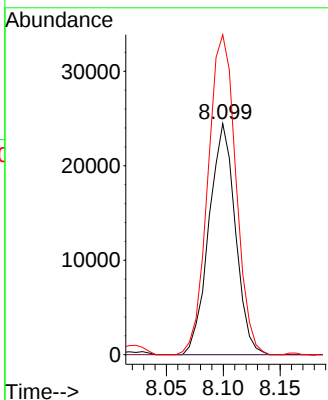
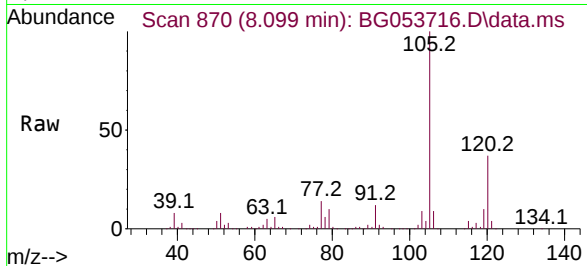




#15
Benzyl Alcohol
Concen: 21.678 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.128 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

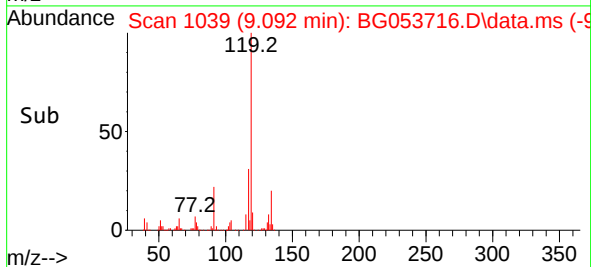
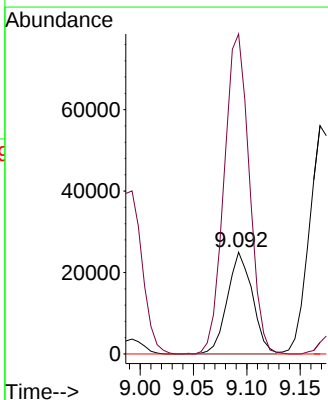
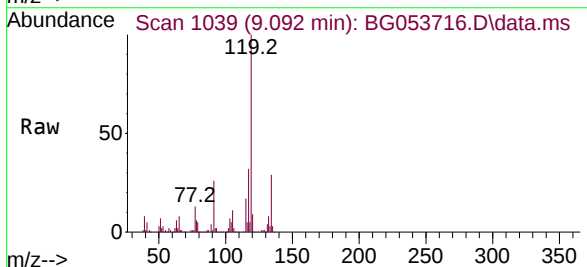
Instrument :
BNA_G
ClientSampleId :
DUP051822DL

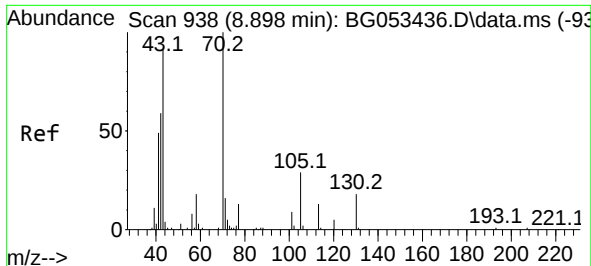
Tgt Ion: 79 Resp: 39523
Ion Ratio Lower Upper
79 100
108 0.0 53.7 80.5#
77 138.5 52.2 78.4#



#18
Hexachloroethane
Concen: 60.307 ng
RT: 9.092 min Scan# 1039
Delta R.T. 0.025 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Tgt Ion: 117 Resp: 40955
Ion Ratio Lower Upper
117 100
119 314.5 75.0 112.6#
201 0.0 89.0 133.6#



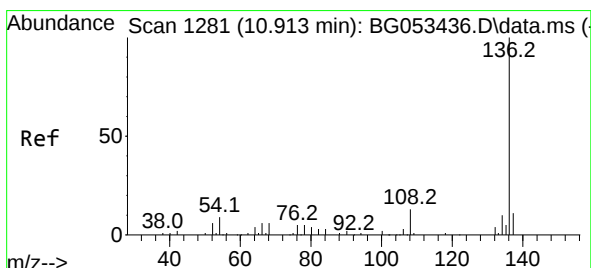
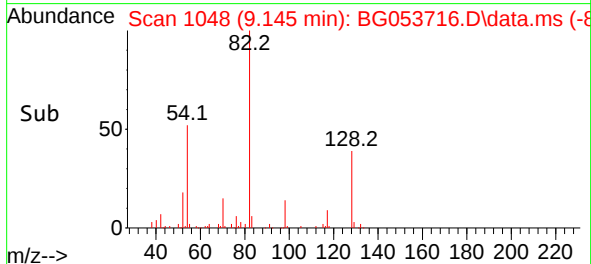
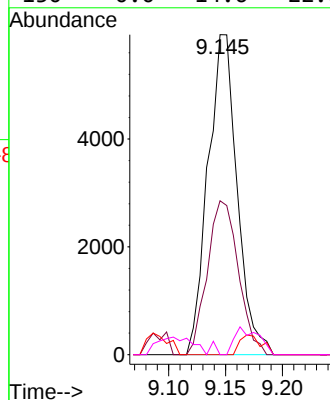
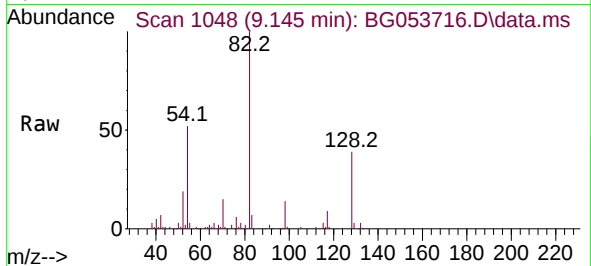


#19
n-Nitroso-di-n-propylamine
Concen: 6.777 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.348 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Instrument :
BNA_G
ClientSampleId :
DUP051822DL

Tgt Ion: 70 Resp: 10604

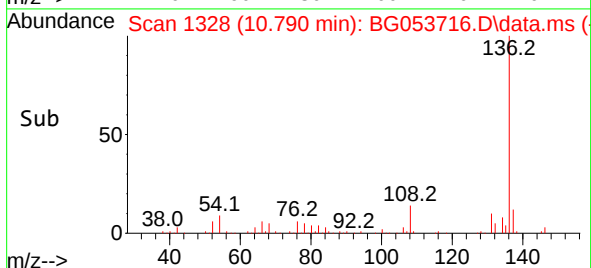
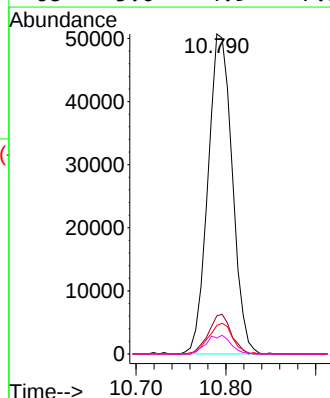
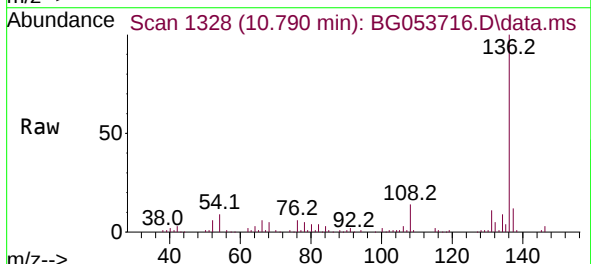
Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

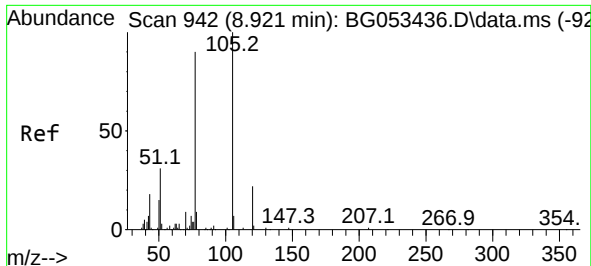


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.010 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Tgt Ion: 136 Resp: 95339

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.5	12.7
54	8.9	7.4	11.2
68	5.0	4.9	7.3

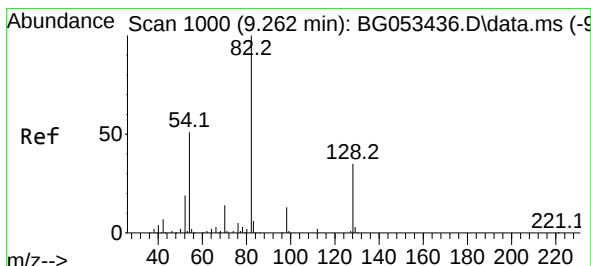
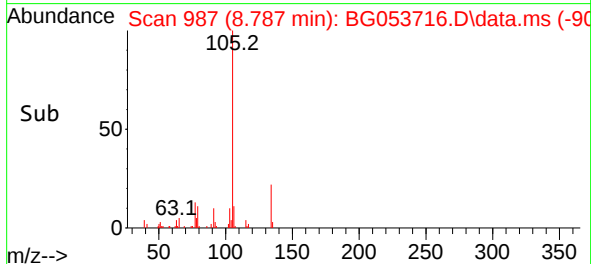
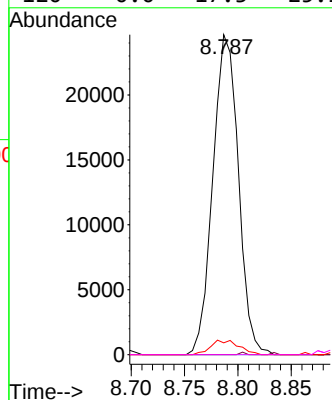
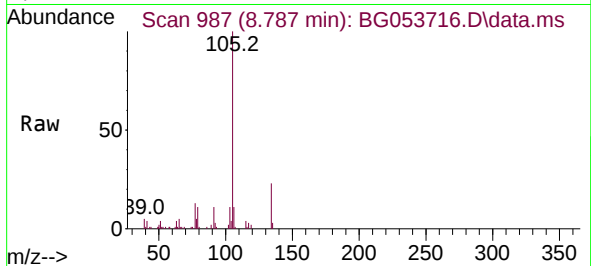




#22
Acetophenone
Concen: 15.702 ng
RT: 8.787 min Scan# 91
Delta R.T. -0.028 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

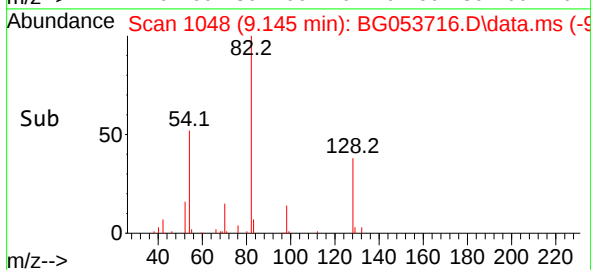
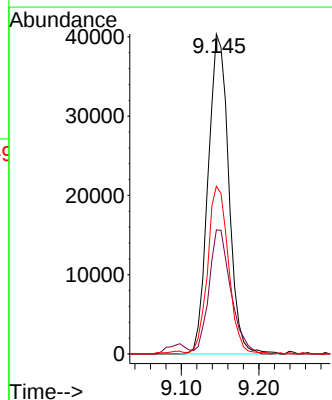
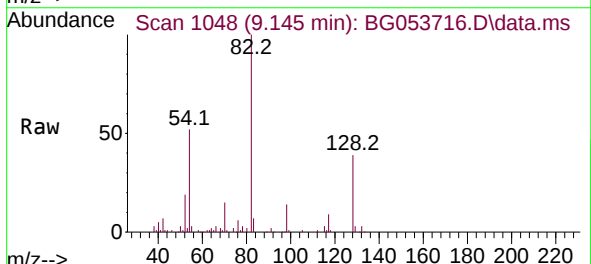
Instrument :
BNA_G
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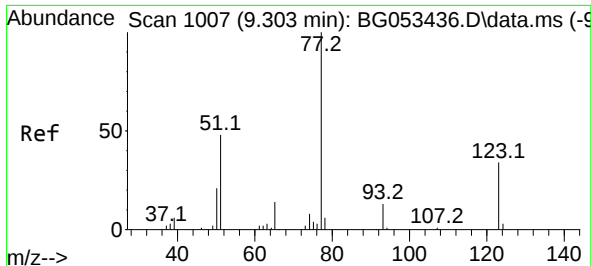
Tgt Ion:105 Resp: 40970
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 3.7 25.4 38.0#
120 0.0 17.3 25.9#



#23
Nitrobenzene-d5
Concen: 33.217 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.010 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Tgt Ion: 82 Resp: 74395
Ion Ratio Lower Upper
82 100
128 38.8 27.9 41.9
54 52.4 41.2 61.8

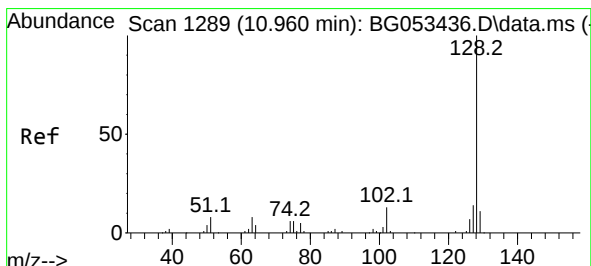
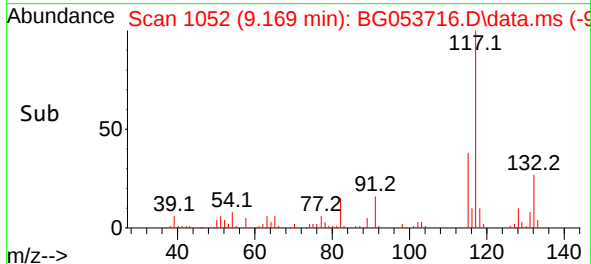
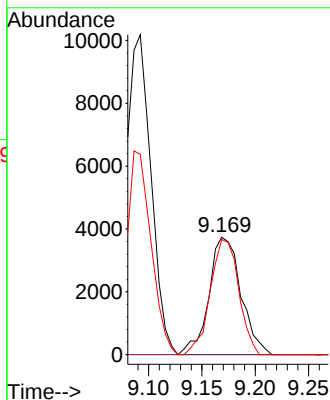
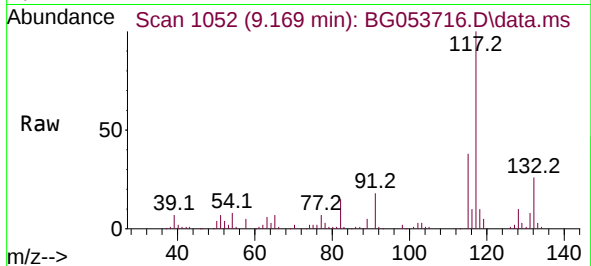




#24
Nitrobenzene
Concen: 3.605 ng
RT: 9.169 min Scan# 1052
Delta R.T. -0.028 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

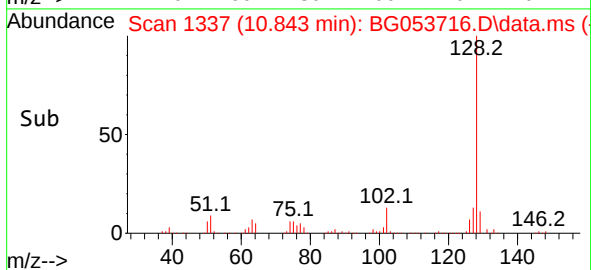
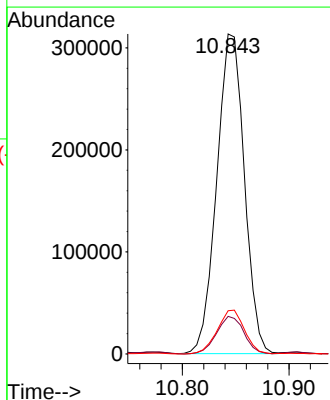
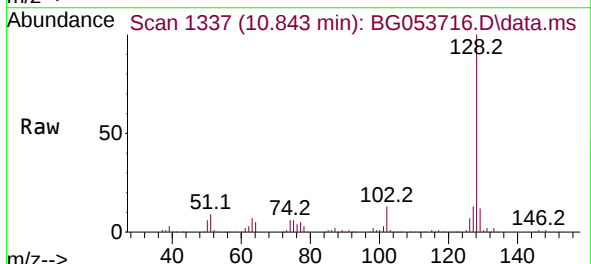
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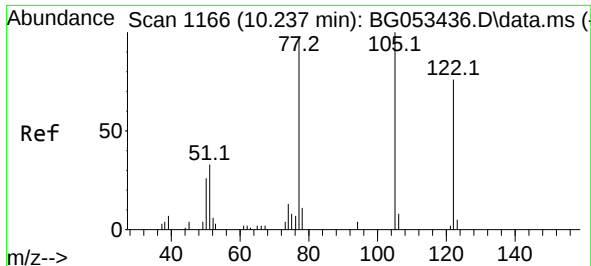
Tgt Ion: 77 Resp: 7815
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 98.1 11.4 17.0#



#31
Naphthalene
Concen: 116.104 ng
RT: 10.843 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Tgt Ion: 128 Resp: 563066
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.5 11.1 16.7





#32

Benzoic acid

Concen: 8.553 ng

RT: 10.244 min Scan# 1166

Delta R.T. 0.084 min

Lab File: BG053716.D

Acq: 26 May 2022 14:23

Instrument :

BNA_G

ClientSampleId :

DUP051822DL

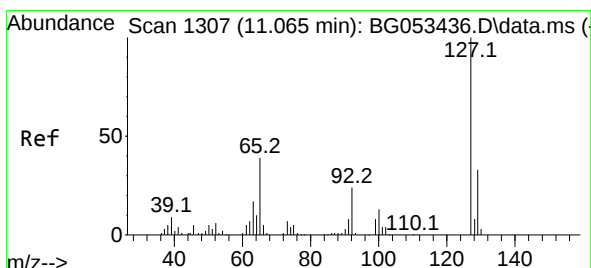
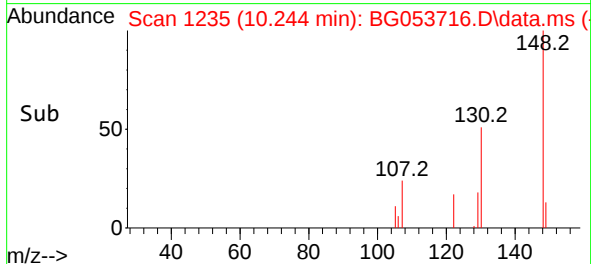
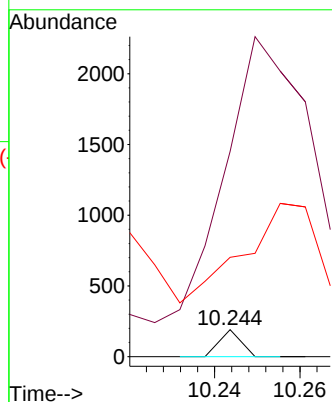
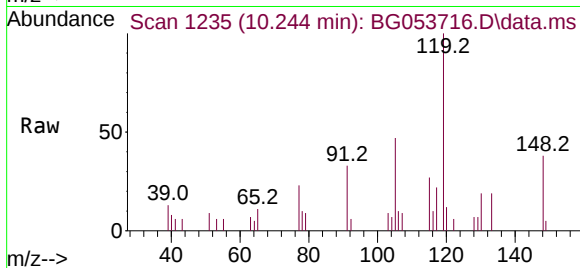
Tgt Ion:122 Resp: 67

Ion Ratio Lower Upper

122 100

105 759.7 111.8 151.8#

77 367.5 109.4 149.4#



#33

4-Chloroaniline

Concen: 37.648 ng

RT: 10.849 min Scan# 1338

Delta R.T. -0.110 min

Lab File: BG053716.D

Acq: 26 May 2022 14:23

Tgt Ion:127 Resp: 76463

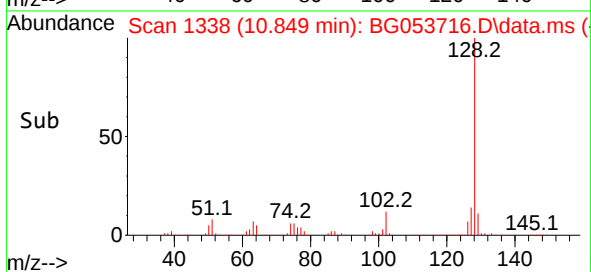
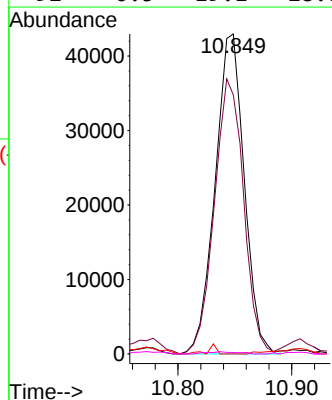
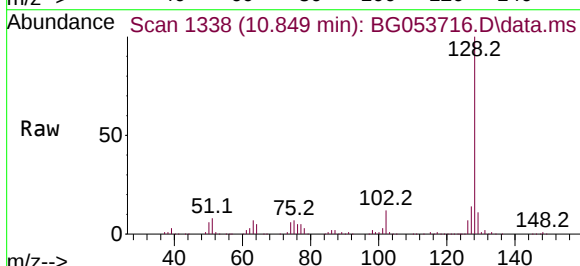
Ion Ratio Lower Upper

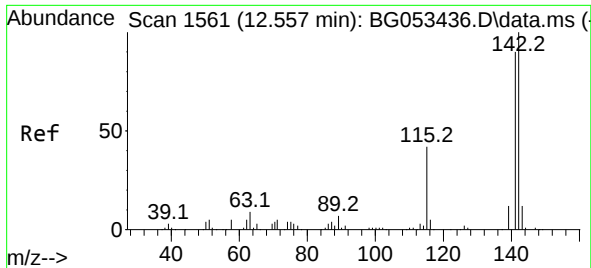
127 100

129 80.9 26.3 39.5#

65 0.0 31.1 46.7#

92 0.5 19.1 28.7#

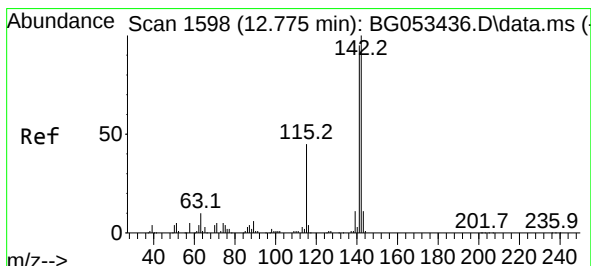
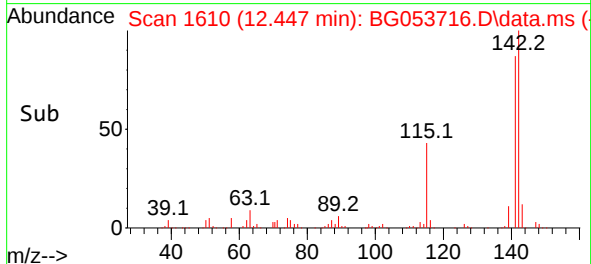
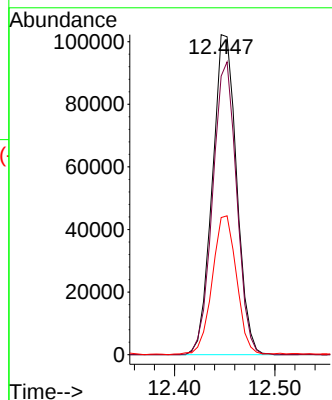
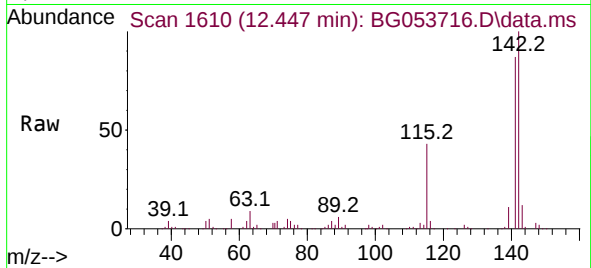




#37
2-Methylnaphthalene
Concen: 47.535 ng
RT: 12.447 min Scan# 1610
Delta R.T. -0.010 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

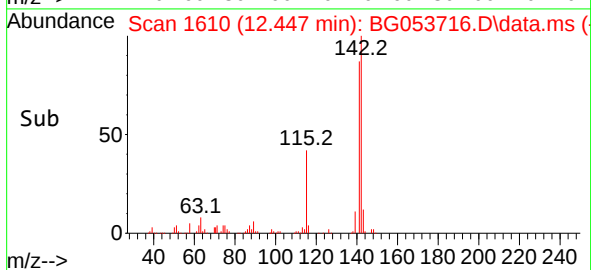
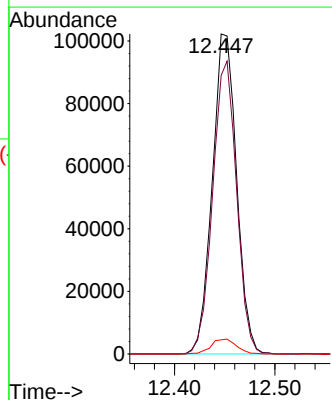
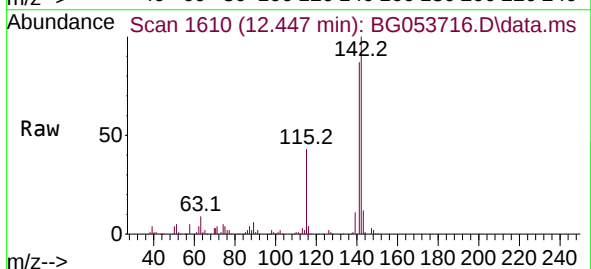
Instrument :
BNA_G
ClientSampleId :
DUP051822DL

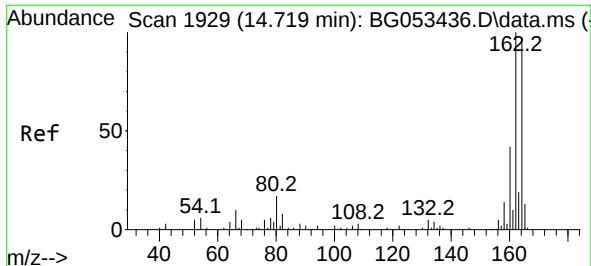
Tgt Ion:142 Resp: 172038
Ion Ratio Lower Upper
142 100
141 87.1 72.3 108.5
115 42.9 33.7 50.5



#38
1-Methylnaphthalene
Concen: 48.721 ng
RT: 12.447 min Scan# 1610
Delta R.T. -0.227 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Tgt Ion:142 Resp: 172038
Ion Ratio Lower Upper
142 100
141 87.1 76.4 114.6
116 4.4 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.620 min Scan# 1929

Delta R.T. -0.004 min

Lab File: BG053716.D

Acq: 26 May 2022 14:23

Instrument :

BNA_G

ClientSampleId :

DUP051822DL

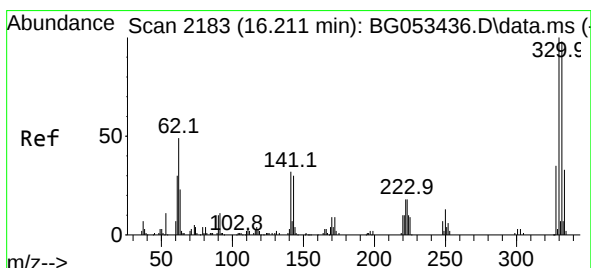
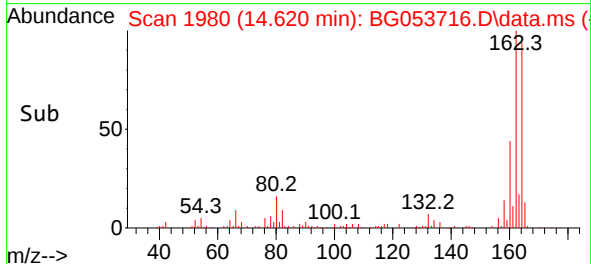
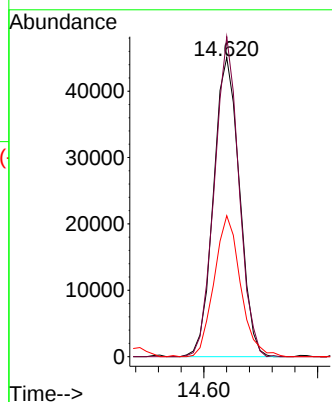
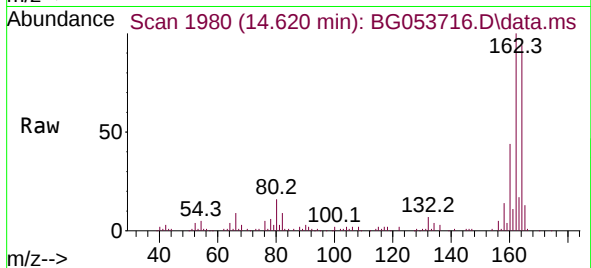
Tgt Ion:164 Resp: 71341

Ion Ratio Lower Upper

164 100

162 106.9 82.3 123.5

160 47.1 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 54.165 ng

RT: 16.112 min Scan# 2234

Delta R.T. -0.004 min

Lab File: BG053716.D

Acq: 26 May 2022 14:23

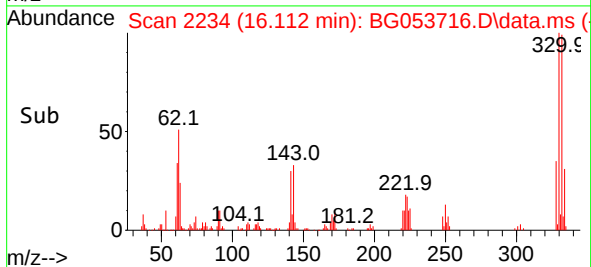
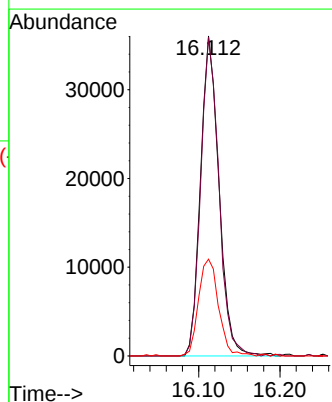
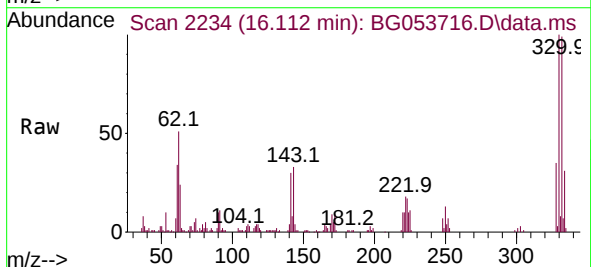
Tgt Ion:330 Resp: 56992

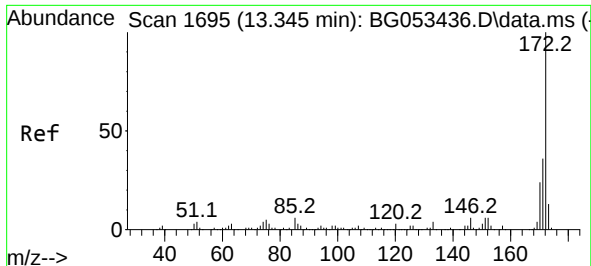
Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

141 32.7 27.1 40.7

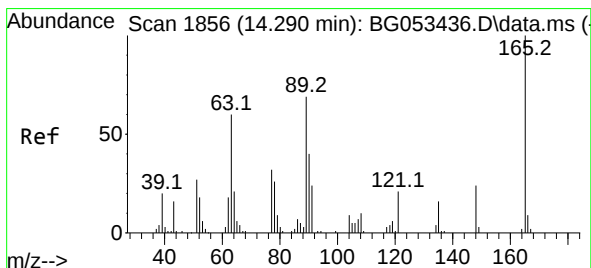
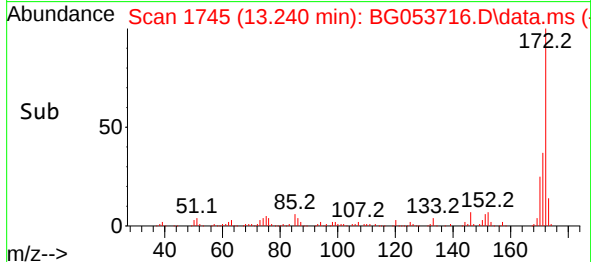
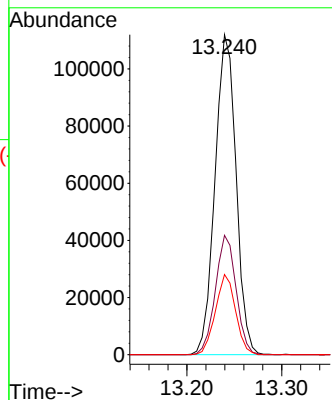
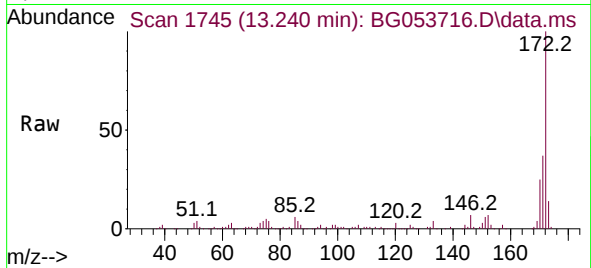




#45
2-Fluorobiphenyl
Concen: 35.401 ng
RT: 13.240 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

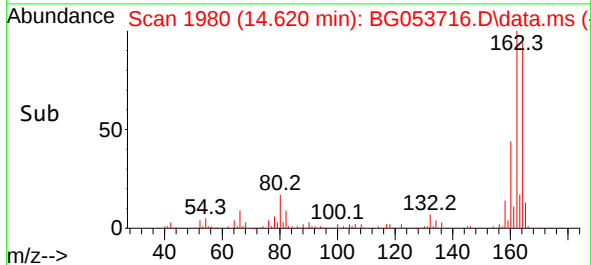
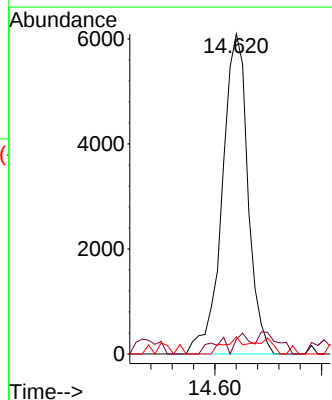
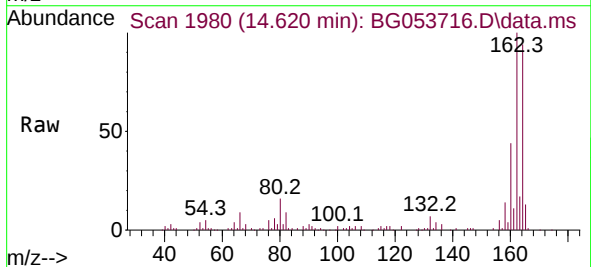
Instrument :
BNA_G
ClientSampleId :
DUP051822DL

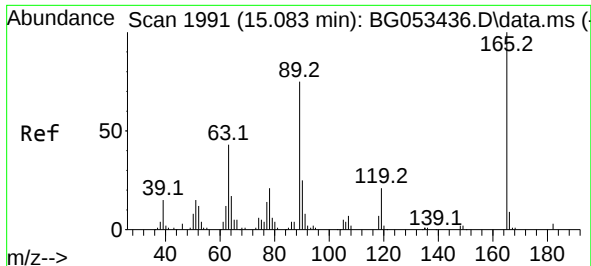
Tgt Ion:172 Resp: 172833
Ion Ratio Lower Upper
172 100
171 37.3 28.5 42.7
170 25.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.216 ng
RT: 14.620 min Scan# 1980
Delta R.T. 0.419 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Tgt Ion:165 Resp: 10179
Ion Ratio Lower Upper
165 100
63 4.6 54.1 81.1#
89 5.4 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.358 ng

RT: 14.620 min Scan# 1991

Delta R.T. -0.374 min

Lab File: BG053716.D

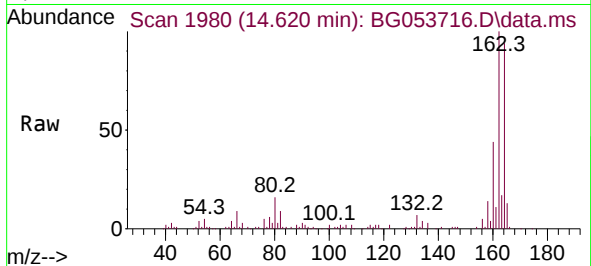
Acq: 26 May 2022 14:23

Instrument :

BNA_G

ClientSampleId :

DUP051822DL



Tgt Ion:165 Resp: 10179

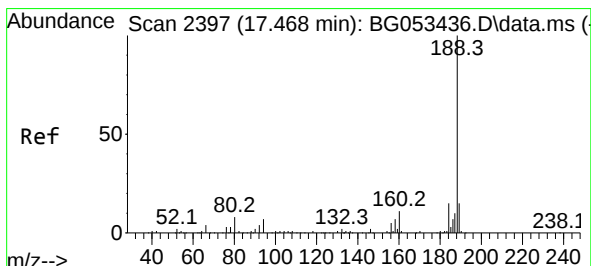
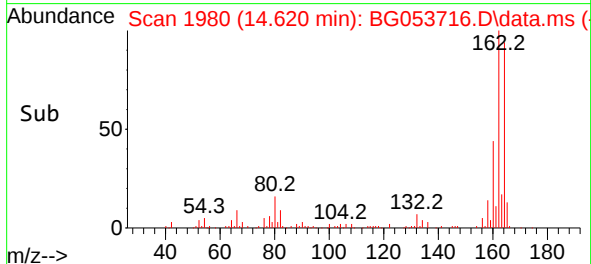
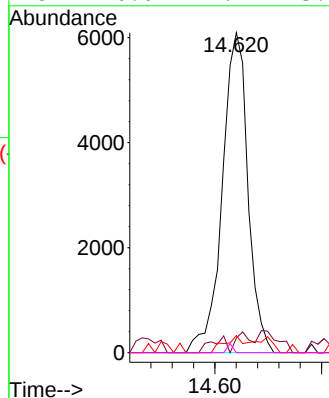
Ion Ratio Lower Upper

165 100

63 4.6 34.6 52.0#

89 5.4 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.363 min Scan# 2447

Delta R.T. -0.010 min

Lab File: BG053716.D

Acq: 26 May 2022 14:23

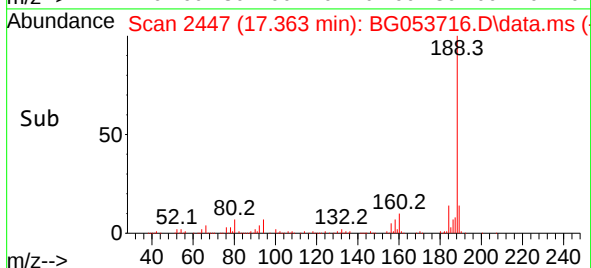
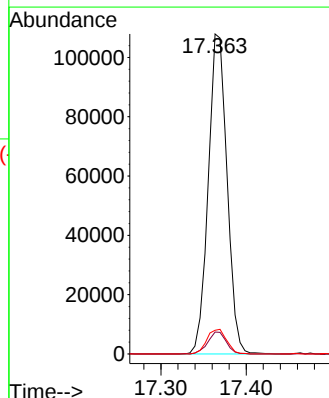
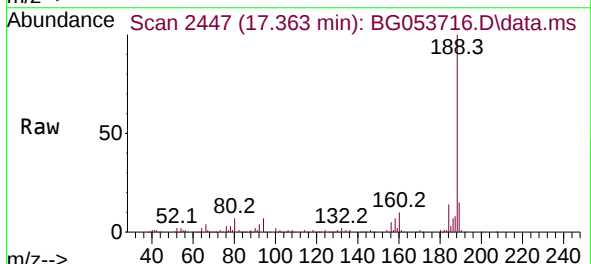
Tgt Ion:188 Resp: 165007

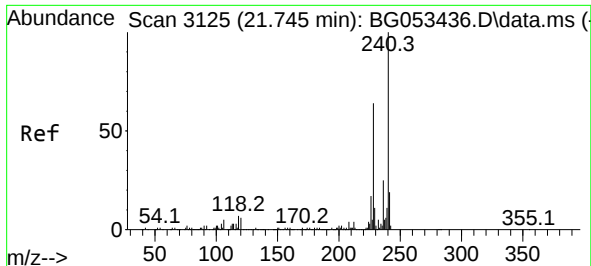
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 7.4 6.8 10.2

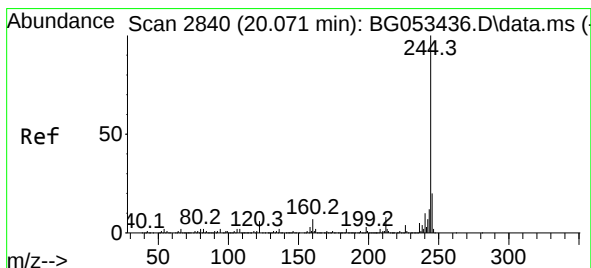
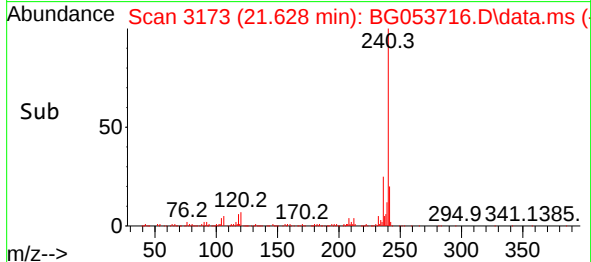
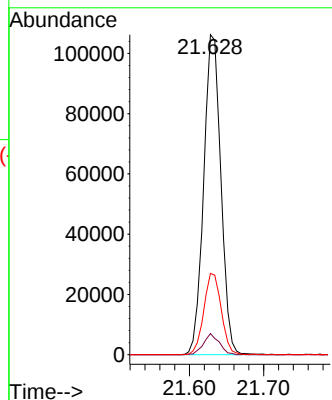
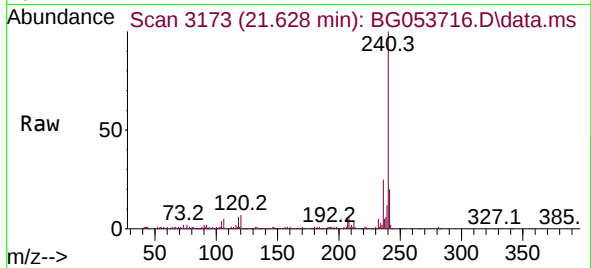




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.628 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

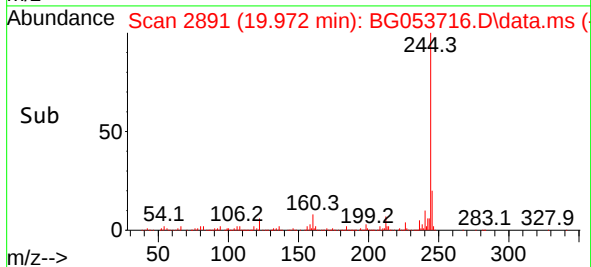
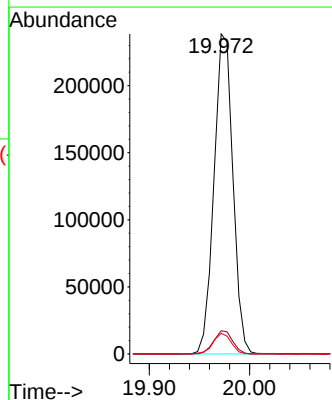
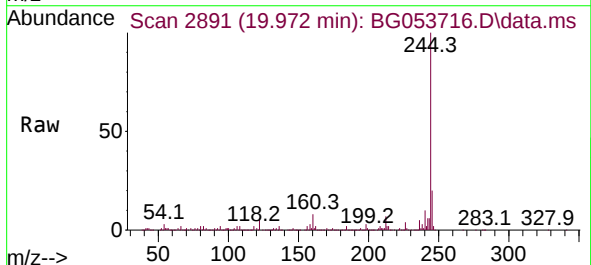
Instrument :
BNA_G
ClientSampleId :
DUP051822DL

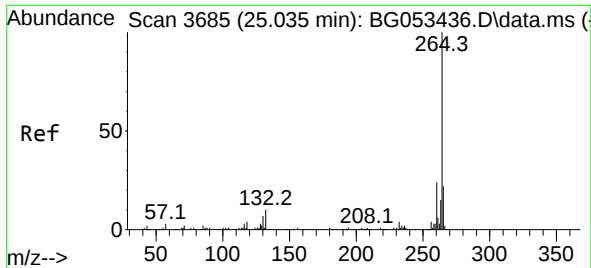
Tgt Ion:240 Resp: 171489
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.4 20.2 30.4



#79
Terphenyl-d14
Concen: 33.918 ng
RT: 19.972 min Scan# 2891
Delta R.T. -0.004 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

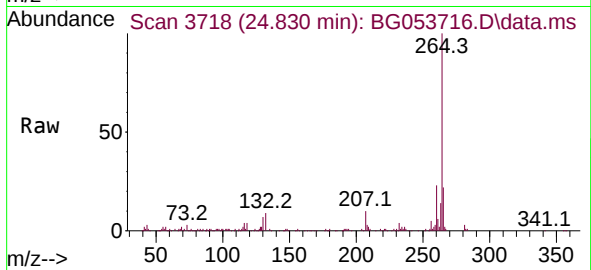
Tgt Ion:244 Resp: 312302
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 6.5 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Instrument :
BNA_G
ClientSampleId :
DUP051822DL



Tgt Ion:264 Resp: 178162

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	21.5	17.4	26.2

