

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049820.D
 Acq On : 12 Aug 2021 16:28
 Operator : CG/JU
 Sample : M3331-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSY1-SB-1011-0-10

Quant Time: Aug 12 17:26:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

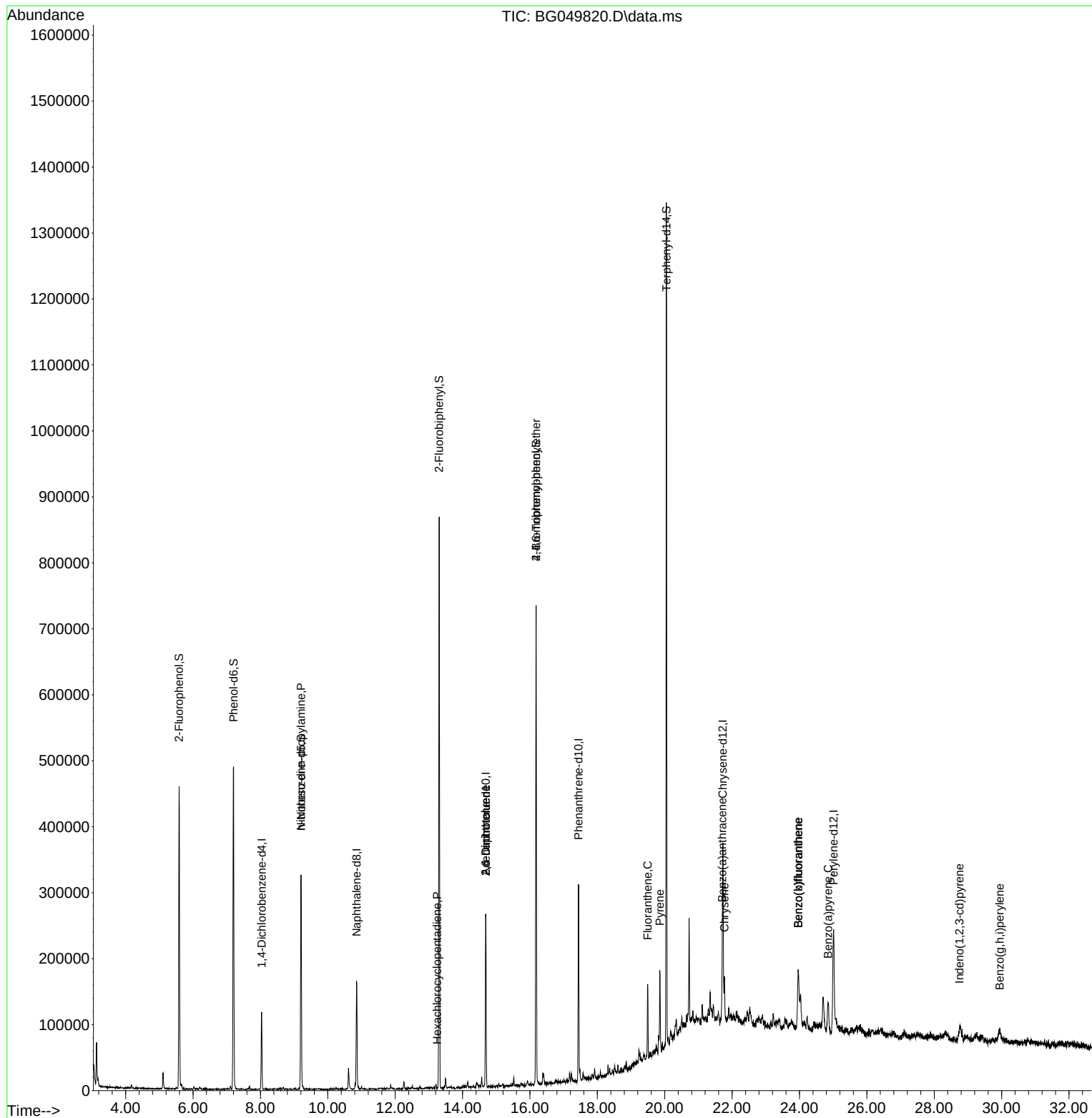
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	30807	20.000	ng	0.00
21) Naphthalene-d8	10.856	136	136762	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	94764	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	179548	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	150681	20.000	ng	0.00
86) Perylene-d12	25.013	264	161999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	187004	108.815	ng	0.00
7) Phenol-d6	7.202	99	267493	102.825	ng	0.00
23) Nitrobenzene-d5	9.205	82	192315	62.226	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	140781	101.070	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	439641	67.506	ng	0.00
79) Terphenyl-d14	20.050	244	562174	67.761	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.205	70	30622	17.590	ng	# 70
41) Hexachlorocyclopentadiene	13.247	237	54	3.574	ng	# 31
51) 2,6-Dinitrotoluene	14.692	165	12407	7.881	ng	# 10
57) 2,4-Dinitrotoluene	14.692	165	12407	5.611	ng	# 15
67) 4-Bromophenyl-phenylether	16.184	248	8526	4.032	ng	# 1
75) Fluoranthene	19.497	202	73516	6.324	ng	98
78) Pyrene	19.856	202	78441	7.636	ng	98
81) Benzo(a)anthracene	21.706	228	46802	4.769	ng	98
83) Chrysene	21.777	228	58843	6.273	ng	98
87) Indeno(1,2,3-cd)pyrene	28.750	276	42139	3.607	ng	# 91
88) Benzo(b)fluoranthene	23.968	252	112942	10.630	ng	# 99
89) Benzo(k)fluoranthene	23.968	252	112942	11.396	ng	# 95
90) Benzo(a)pyrene	24.849	252	53280	5.541	ng	# 85
92) Benzo(g,h,i)perylene	29.942	276	35578	3.689	ng	97

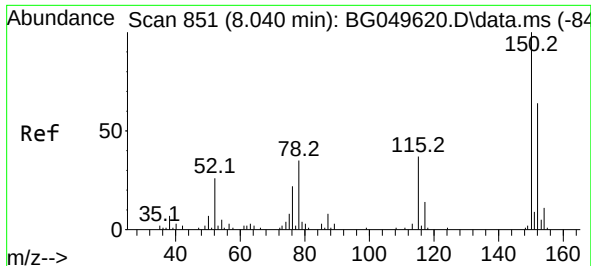
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049820.D
Acq On : 12 Aug 2021 16:28
Operator : CG/JU
Sample : M3331-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

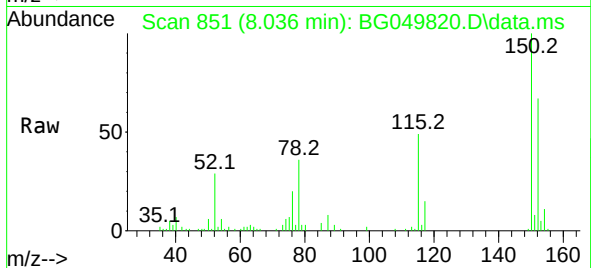
Quant Time: Aug 12 17:26:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration



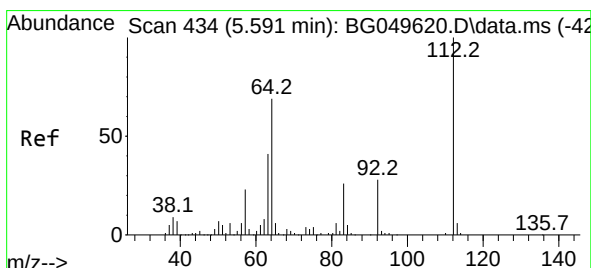
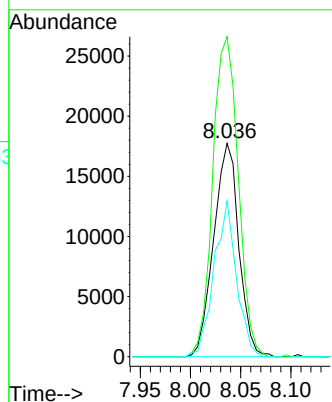
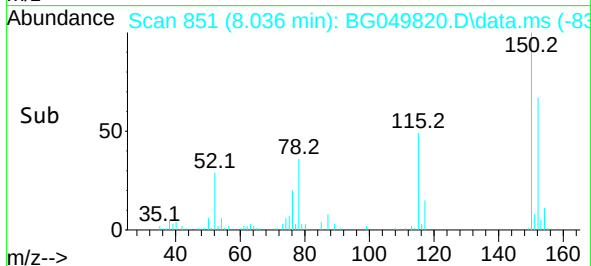


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.036 min Scan# 851
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

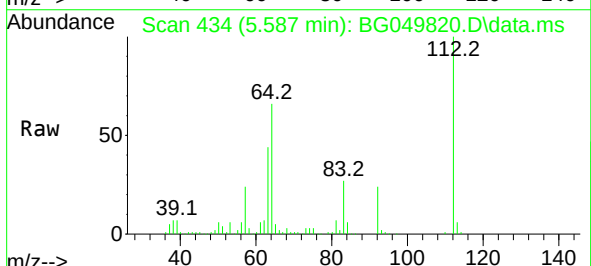
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10



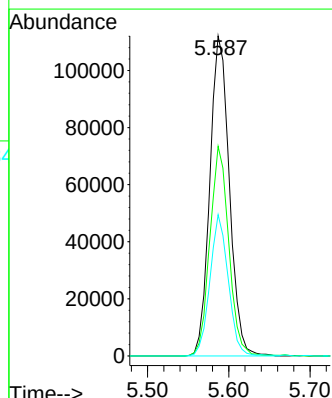
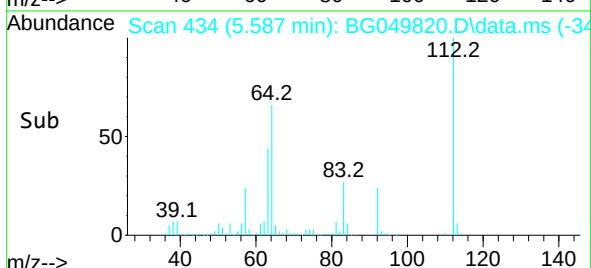
Tgt Ion:152 Resp: 30807
Ion Ratio Lower Upper
152 100
150 150.0 119.4 179.0
115 73.0 60.2 90.4

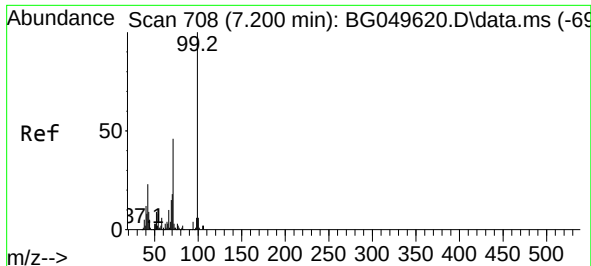


#5
2-Fluorophenol
Concen: 108.815 ng
RT: 5.587 min Scan# 434
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28



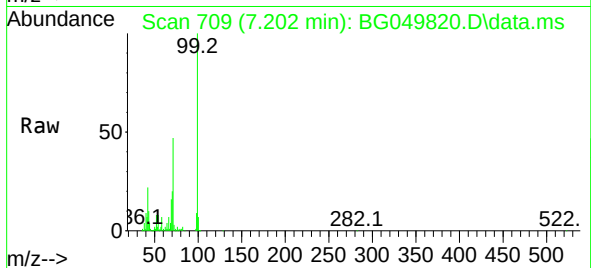
Tgt Ion:112 Resp: 187004
Ion Ratio Lower Upper
112 100
64 65.5 46.7 70.1
63 44.2 35.3 52.9



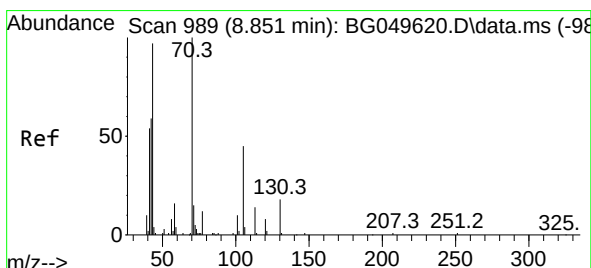
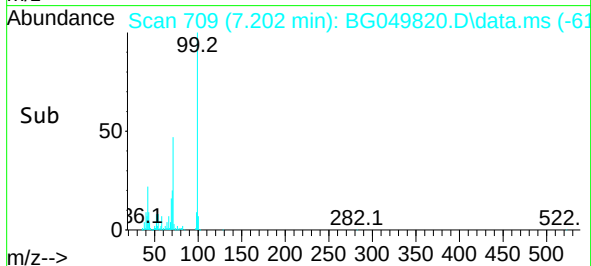
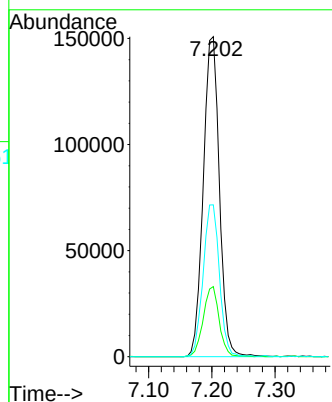


#7
Phenol-d6
Concen: 102.825 ng
RT: 7.202 min Scan# 709
Delta R.T. 0.002 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

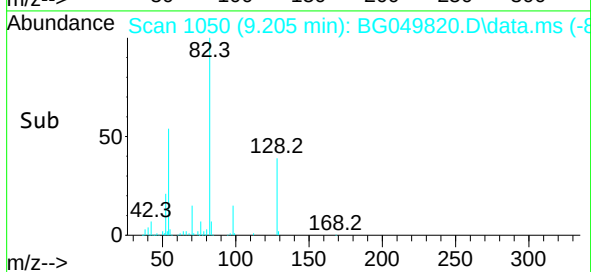
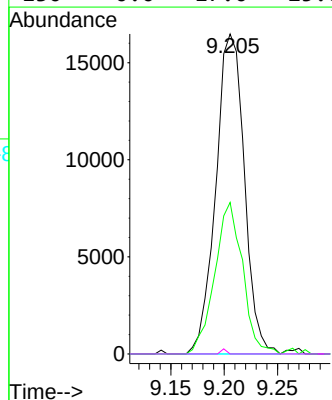
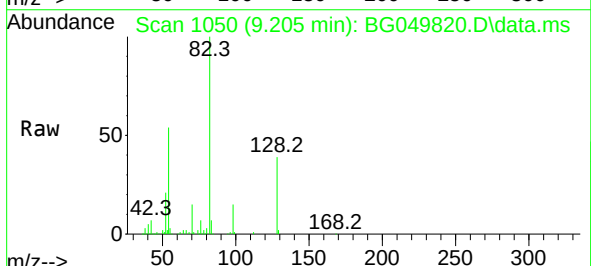


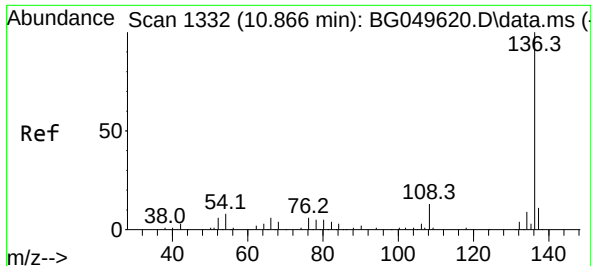
Tgt Ion: 99 Resp: 267493
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 47.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.590 ng
RT: 9.205 min Scan# 1050
Delta R.T. 0.355 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

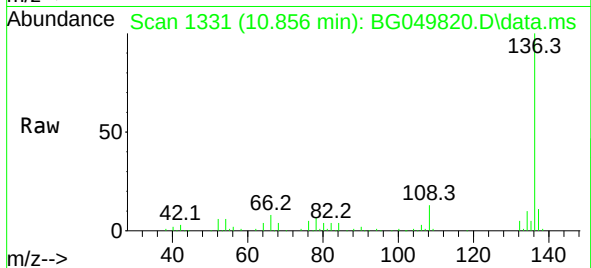
Tgt Ion: 70 Resp: 30622
Ion Ratio Lower Upper
70 100
42 47.4 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



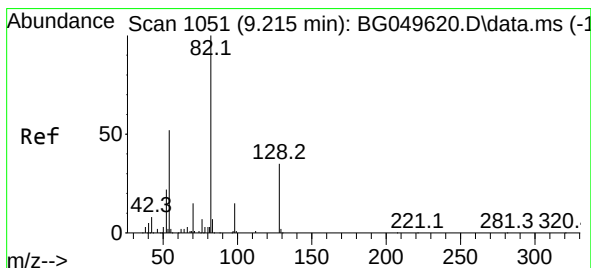
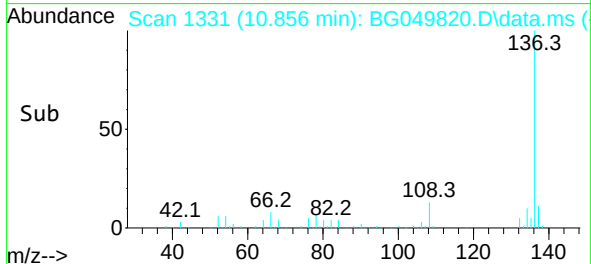
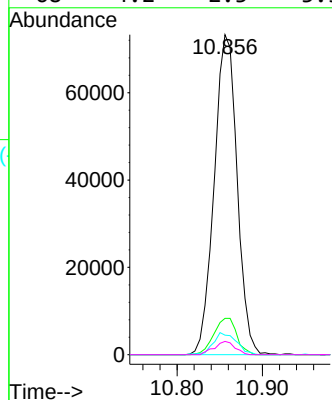


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.856 min Scan# 1331
Delta R.T. -0.010 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

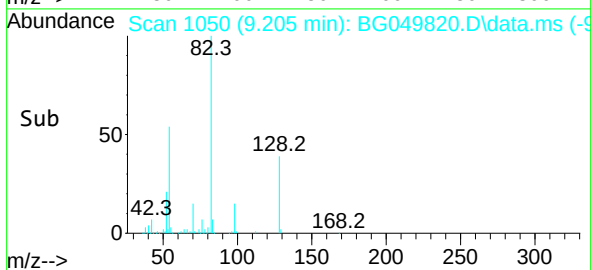
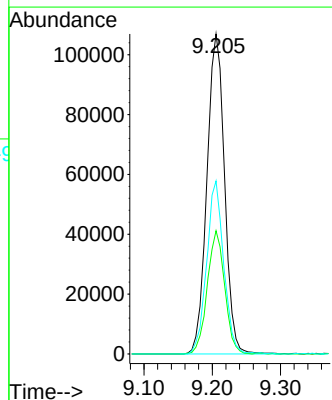
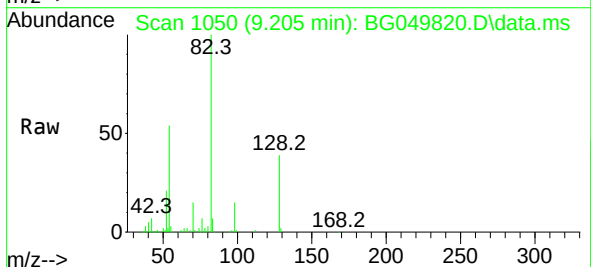


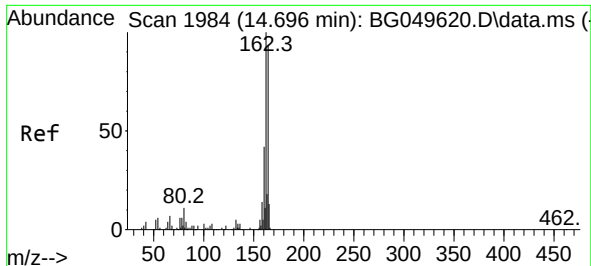
Tgt Ion:136 Resp: 136762
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 6.1 5.5 8.3
68 4.2 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 62.226 ng
RT: 9.205 min Scan# 1050
Delta R.T. -0.010 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion: 82 Resp: 192315
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 54.0 45.8 68.8

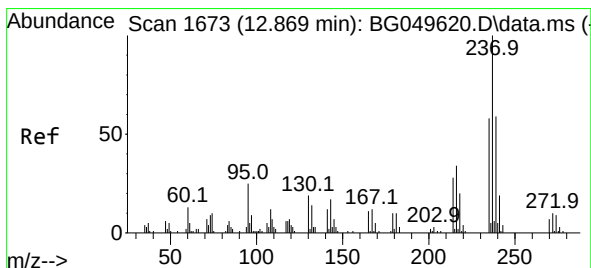
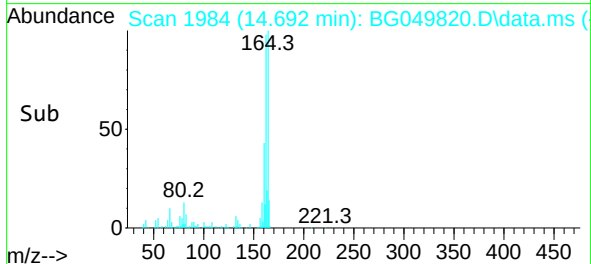
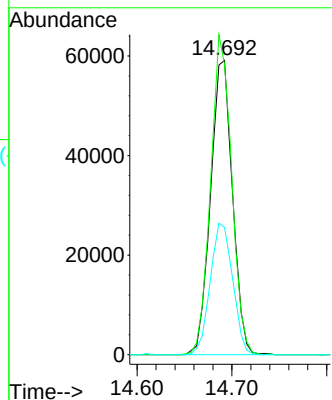
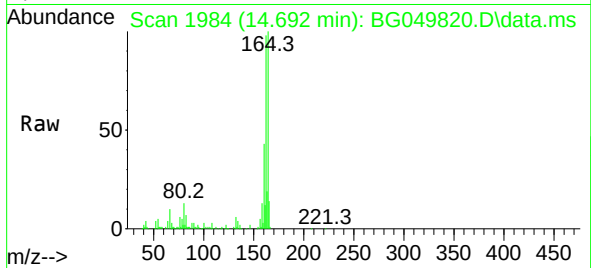




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

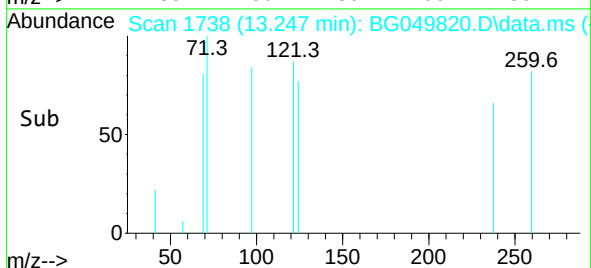
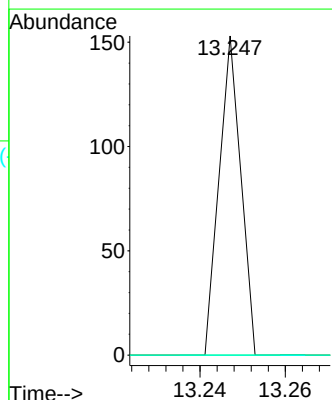
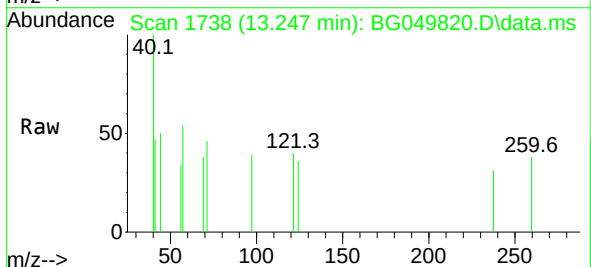
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

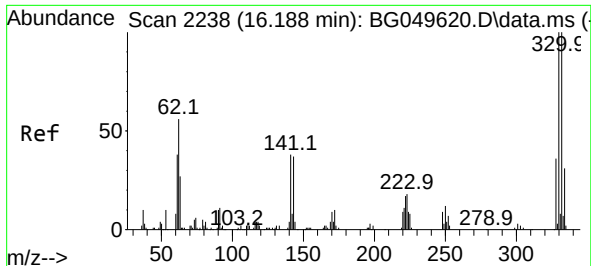
Tgt Ion:164 Resp: 94764
Ion Ratio Lower Upper
164 100
162 98.5 81.4 122.0
160 43.3 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 3.574 ng
RT: 13.247 min Scan# 1738
Delta R.T. 0.378 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:237 Resp: 54
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

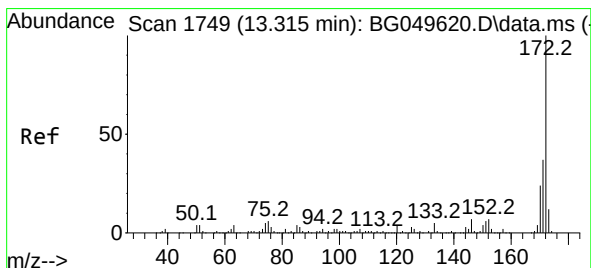
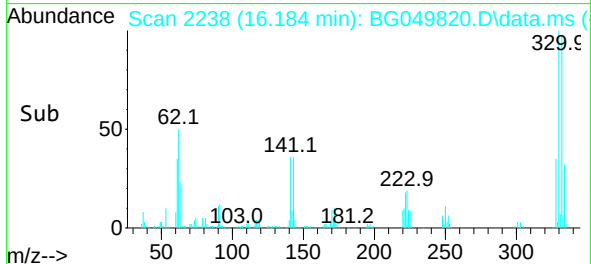
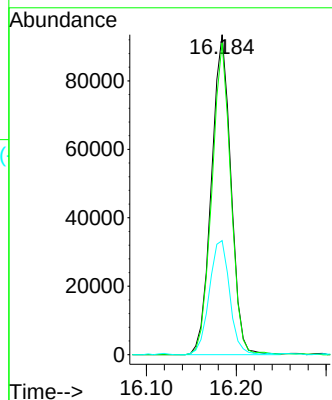
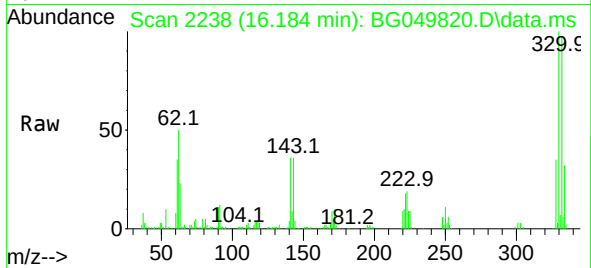




#42
2,4,6-Tribromophenol
Concen: 101.070 ng
RT: 16.184 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

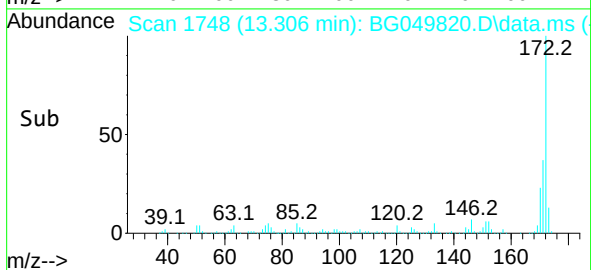
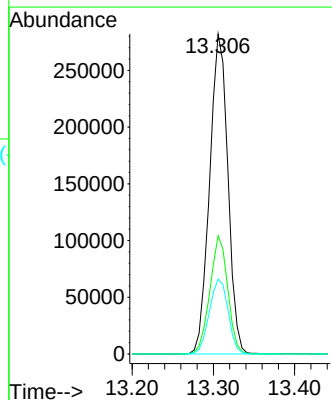
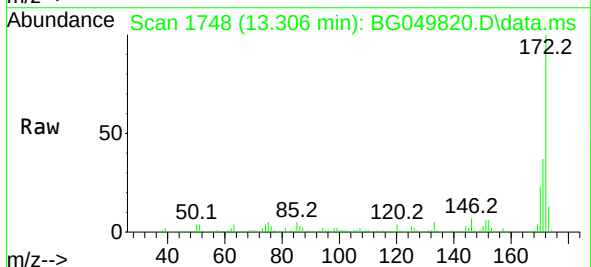
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

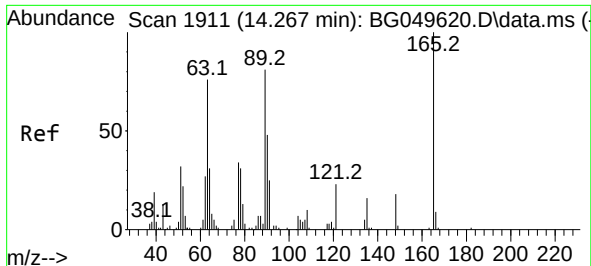
Tgt Ion:330 Resp: 140781
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 37.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 67.506 ng
RT: 13.306 min Scan# 1748
Delta R.T. -0.010 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:172 Resp: 439641
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 23.5 18.6 27.8

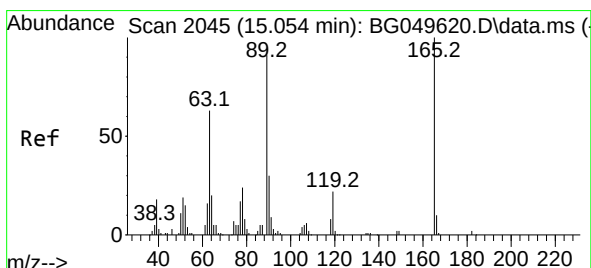
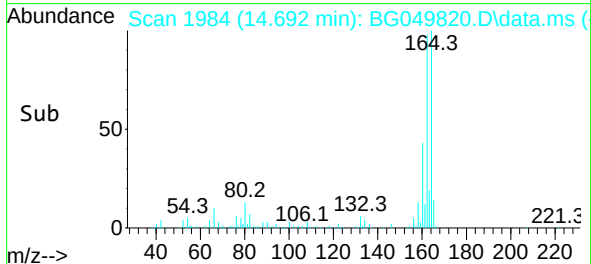
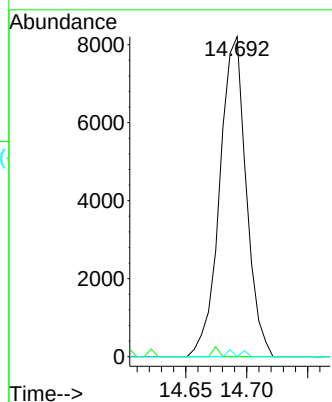
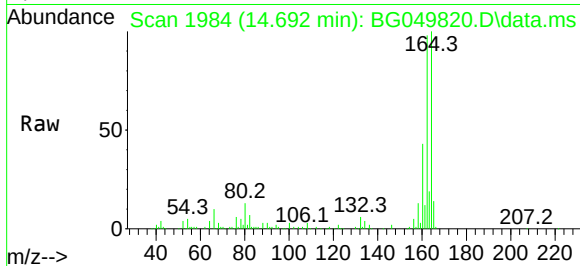




#51
2,6-Dinitrotoluene
Concen: 7.881 ng
RT: 14.692 min Scan# 1984
Delta R.T. 0.425 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

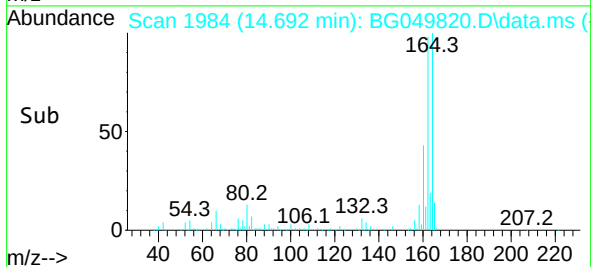
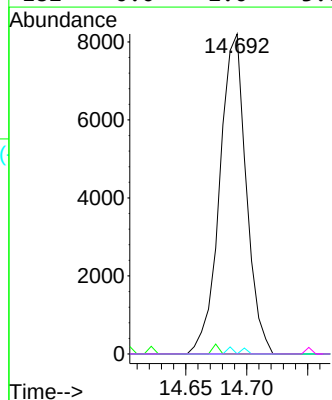
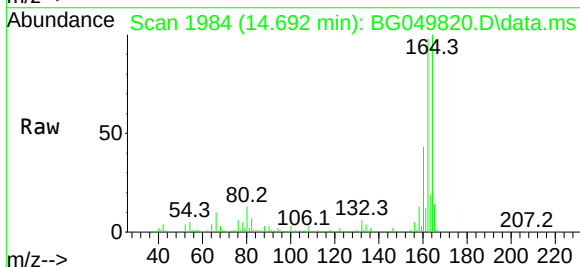
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

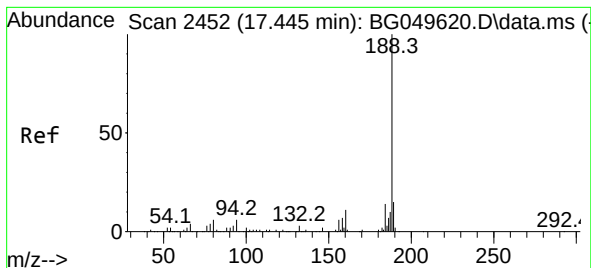
Tgt Ion:165 Resp: 12407
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.611 ng
RT: 14.692 min Scan# 1984
Delta R.T. -0.362 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:165 Resp: 12407
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

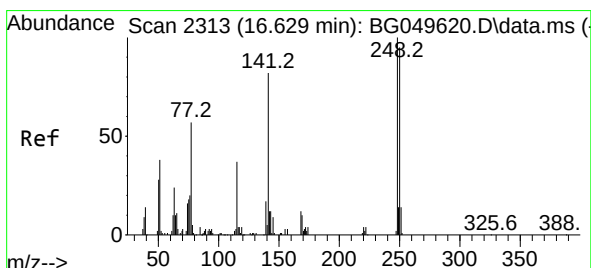
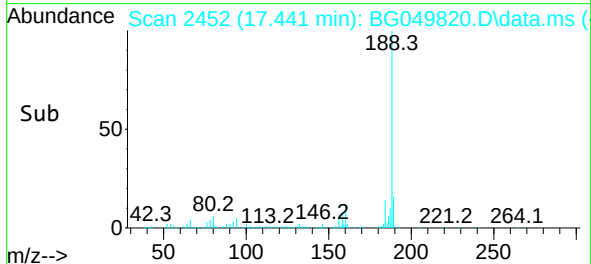
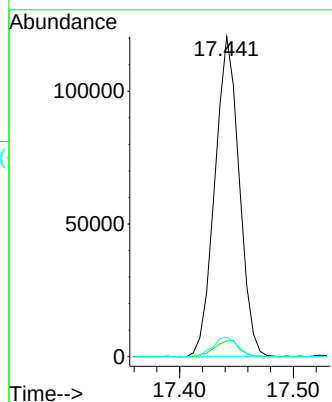
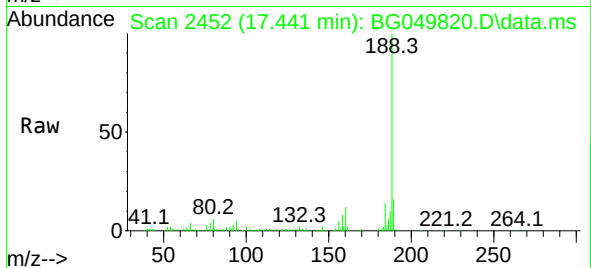




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

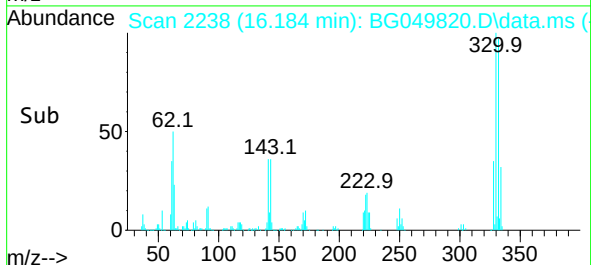
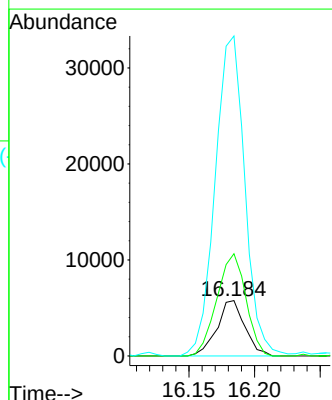
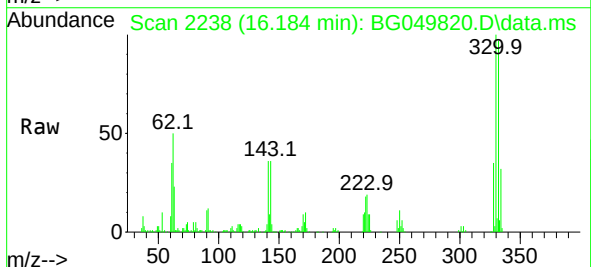
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

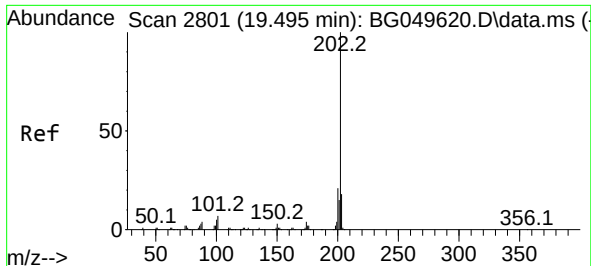
Tgt Ion:188 Resp: 179548
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 6.1 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.032 ng
RT: 16.184 min Scan# 2238
Delta R.T. -0.444 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:248 Resp: 8526
Ion Ratio Lower Upper
248 100
250 184.7 76.1 114.1#
141 577.6 65.4 98.2#

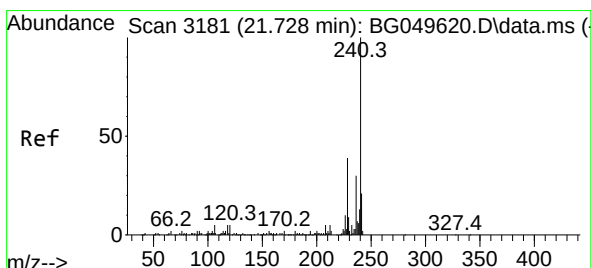
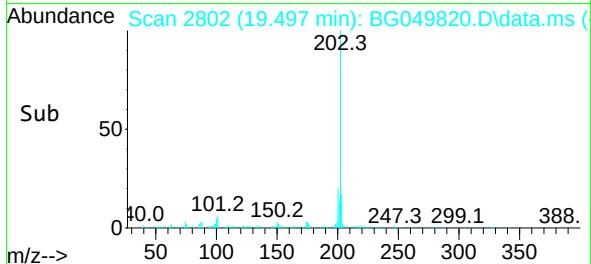
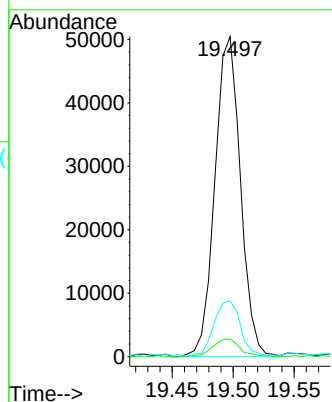
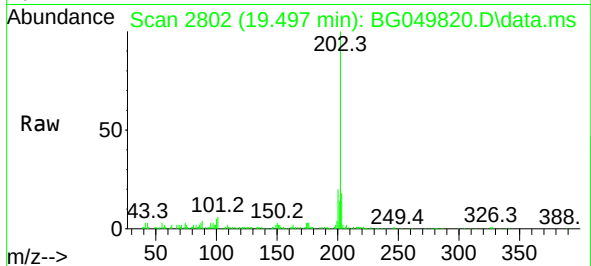




#75
Fluoranthene
Concen: 6.324 ng
RT: 19.497 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

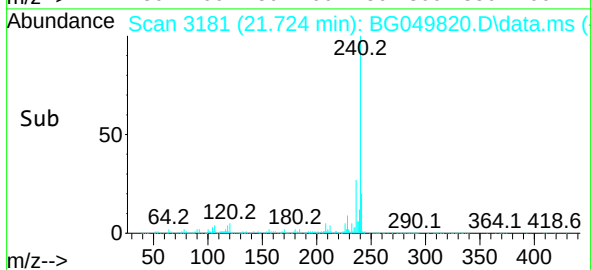
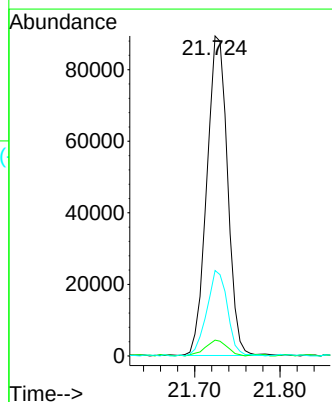
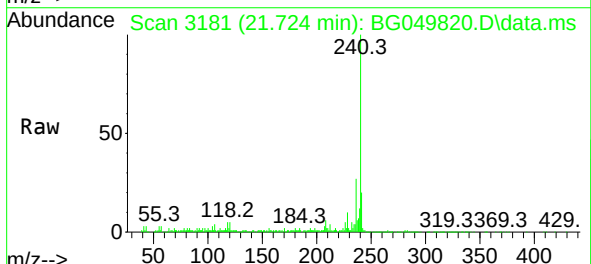
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

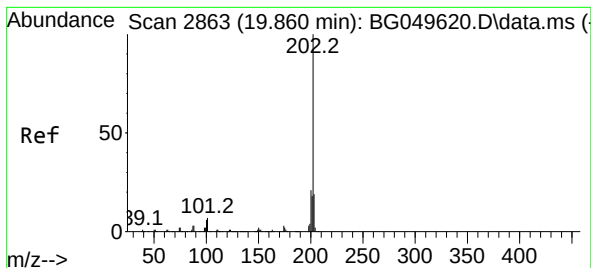
Tgt Ion:202 Resp: 73516
Ion Ratio Lower Upper
202 100
101 5.6 0.0 24.7
203 17.5 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:240 Resp: 150681
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 26.7 21.8 32.6





#78

Pyrene

Concen: 7.636 ng

RT: 19.856 min Scan# 2863

Delta R.T. -0.004 min

Lab File: BG049820.D

Acq: 12 Aug 2021 16:28

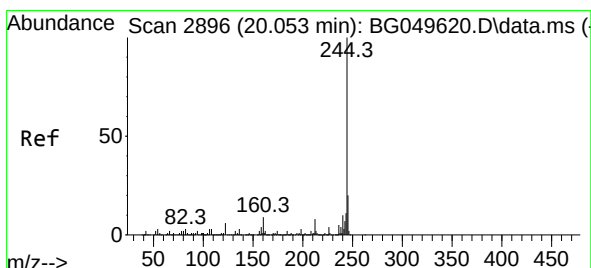
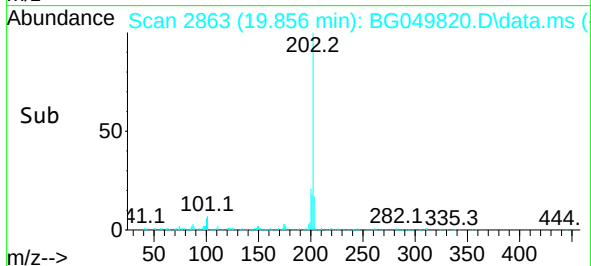
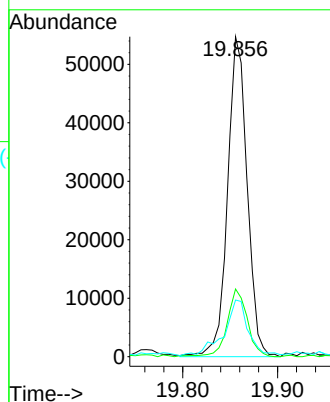
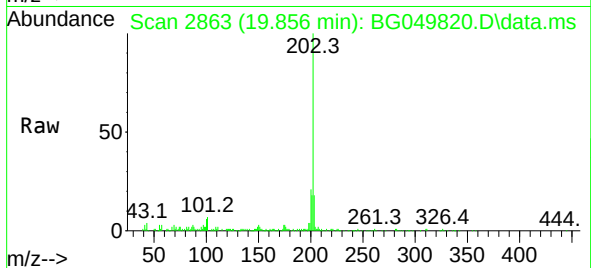
Tgt Ion:	202	Resp:	78441
Ion Ratio	Lower	Upper	
202	100		
200	21.2	15.8	23.8
203	17.7	14.6	21.8

Instrument :

BNA_G

ClientSampleId :

BSY1-SB-1011-0-10



#79

Terphenyl-d14

Concen: 67.761 ng

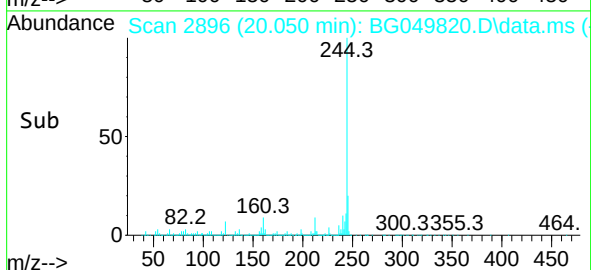
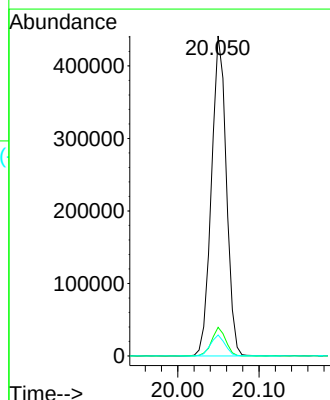
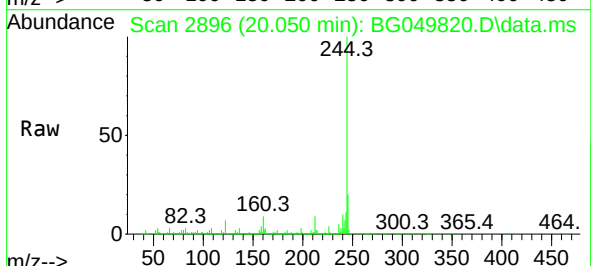
RT: 20.050 min Scan# 2896

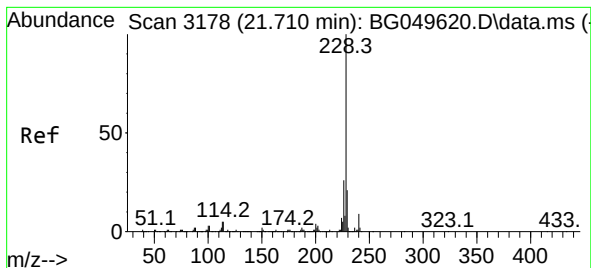
Delta R.T. -0.004 min

Lab File: BG049820.D

Acq: 12 Aug 2021 16:28

Tgt Ion:	244	Resp:	562174
Ion Ratio	Lower	Upper	
244	100		
212	8.9	6.9	10.3
122	6.5	5.0	7.6

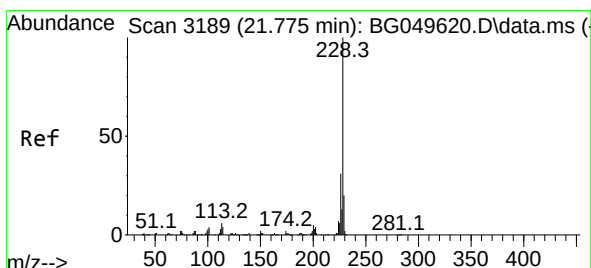
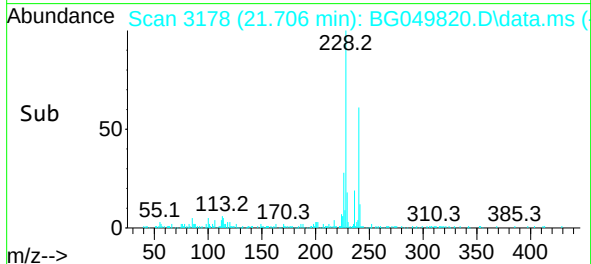
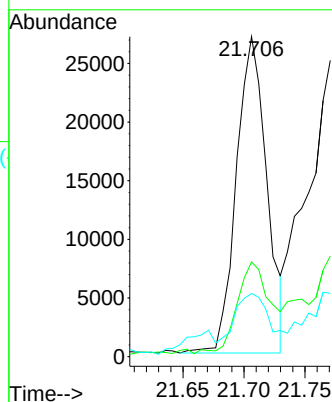
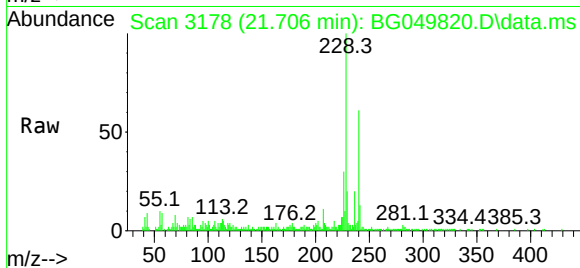




#81
Benzo(a)anthracene
Concen: 4.769 ng
RT: 21.706 min Scan# 3178
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

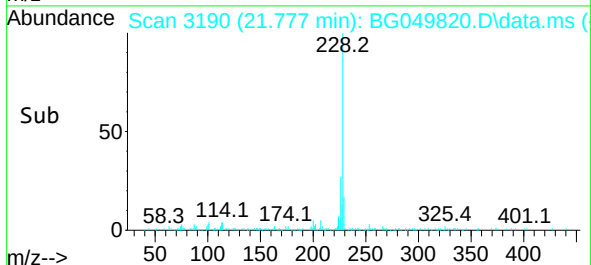
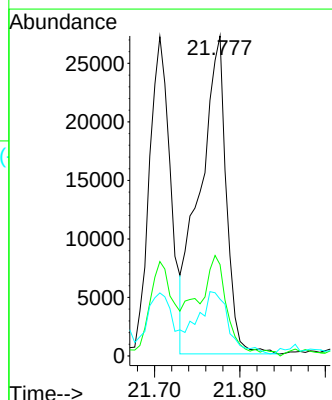
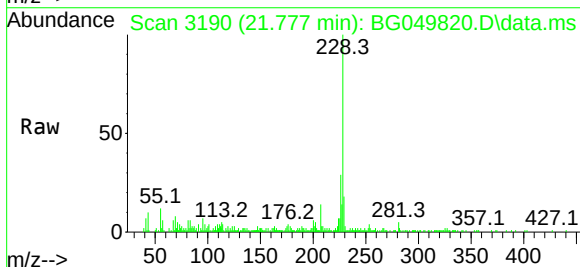
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

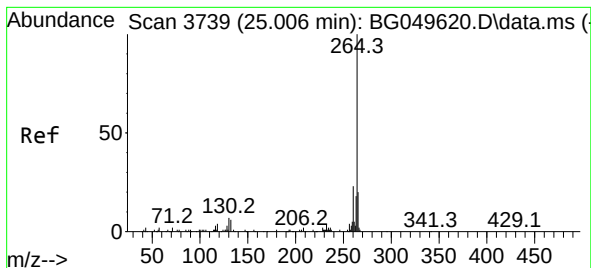
Tgt Ion:228 Resp: 46802
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 19.8 16.0 24.0



#83
Chrysene
Concen: 6.273 ng
RT: 21.777 min Scan# 3190
Delta R.T. 0.002 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:228 Resp: 58843
Ion Ratio Lower Upper
228 100
226 28.6 23.1 34.7
229 17.7 15.3 22.9



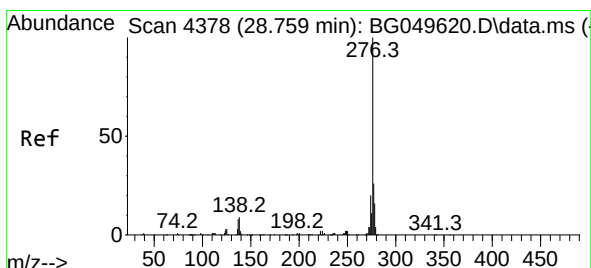
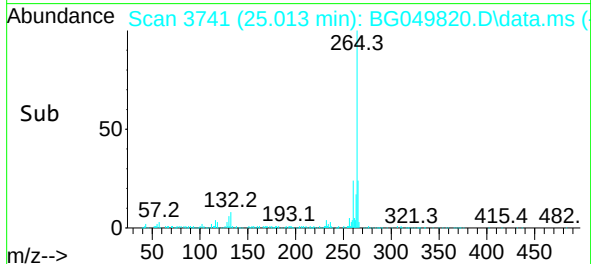
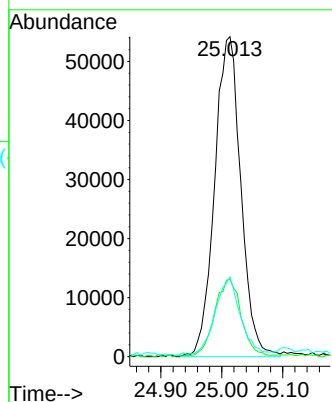
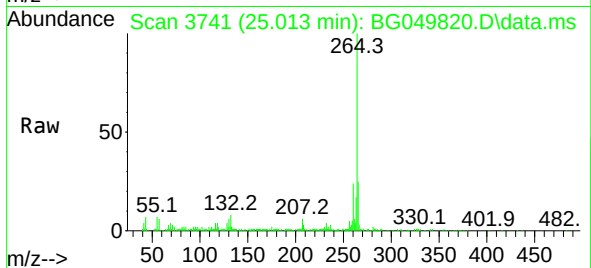


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.013 min Scan# 3741
Delta R.T. 0.008 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

Tgt Ion:264 Resp: 161999

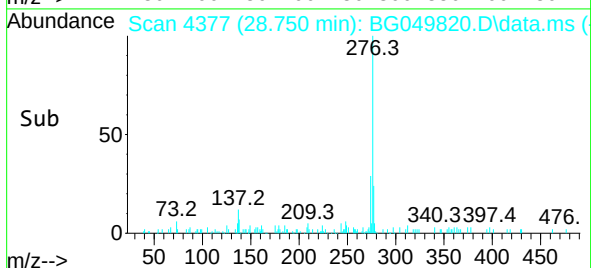
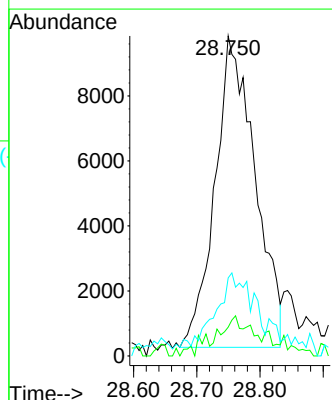
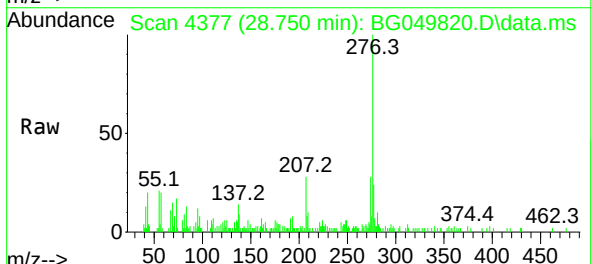
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	24.8	16.9	25.3

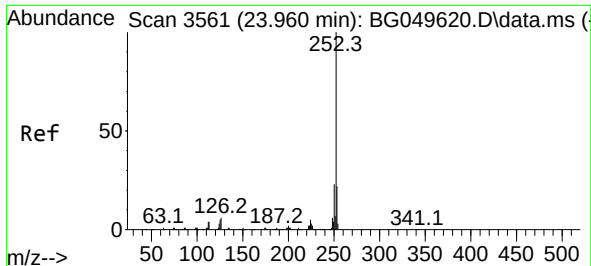


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.607 ng
RT: 28.750 min Scan# 4377
Delta R.T. -0.010 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:276 Resp: 42139

Ion	Ratio	Lower	Upper
276	100		
138	4.0	5.1	7.7#
277	20.2	19.8	29.6

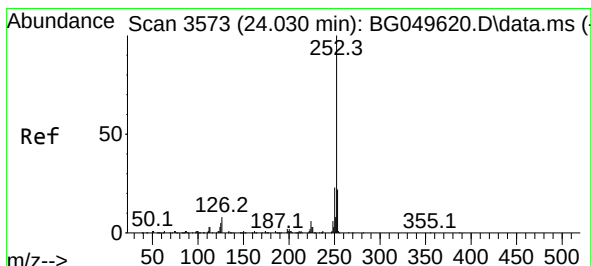
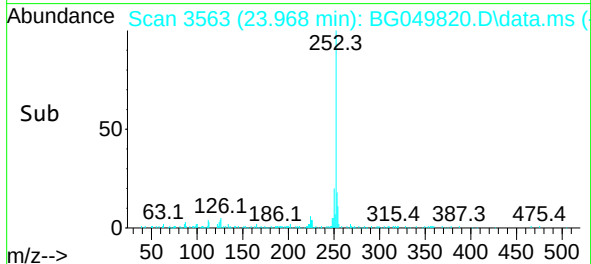
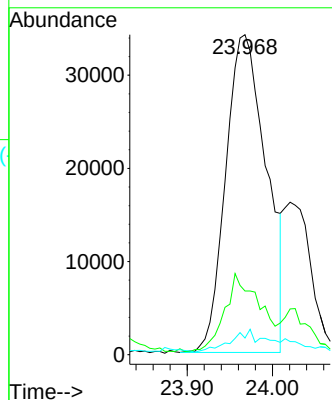
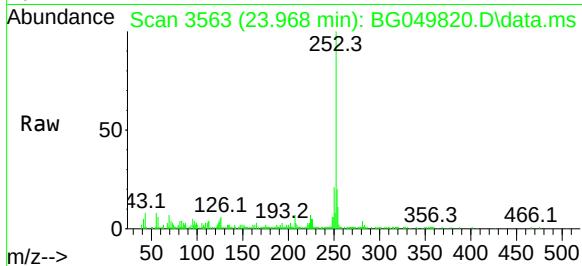




#88
Benzo(b)fluoranthene
Concen: 10.630 ng
RT: 23.968 min Scan# 3563
Delta R.T. 0.008 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

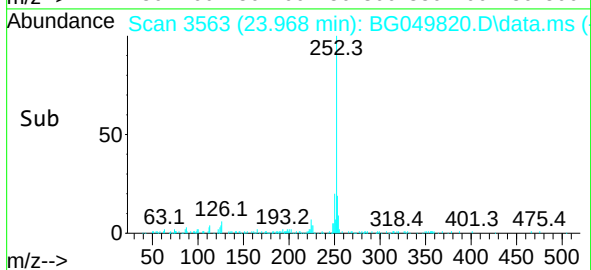
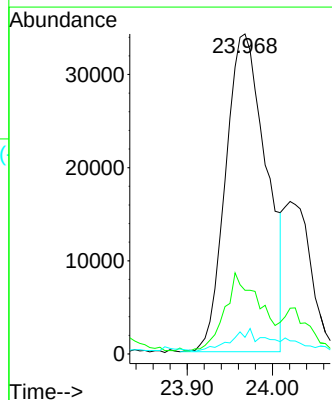
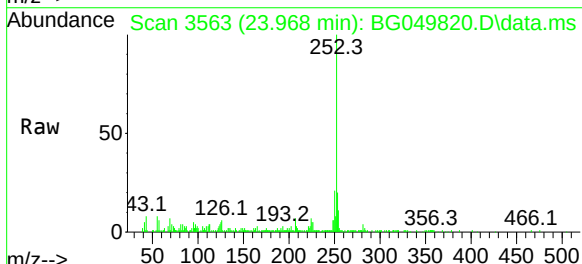
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

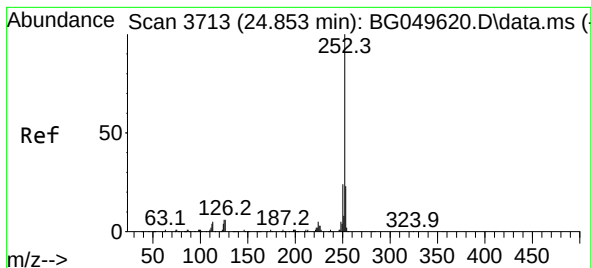
Tgt Ion:252 Resp: 112942
Ion Ratio Lower Upper
252 100
253 19.9 16.2 24.4
125 5.2 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 11.396 ng
RT: 23.968 min Scan# 3563
Delta R.T. -0.063 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:252 Resp: 112942
Ion Ratio Lower Upper
252 100
253 19.9 18.0 27.0
125 5.2 3.1 4.7#

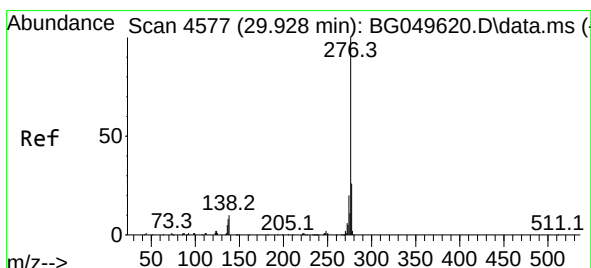
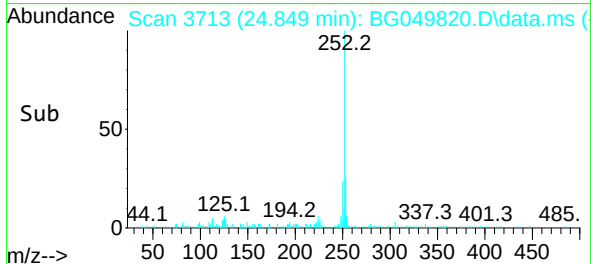
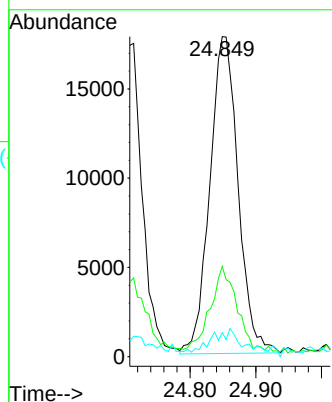
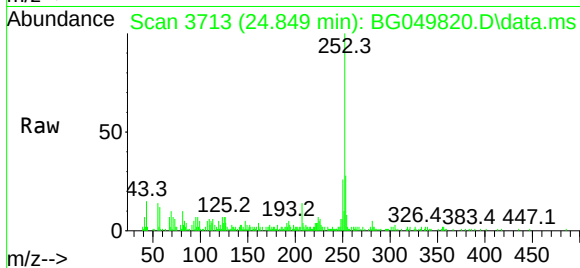




#90
Benzo(a)pyrene
Concen: 5.541 ng
RT: 24.849 min Scan# 3713
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

Tgt Ion:252 Resp: 53280
Ion Ratio Lower Upper
252 100
253 28.3 16.6 25.0#
125 7.5 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 3.689 ng
RT: 29.942 min Scan# 4580
Delta R.T. 0.014 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:276 Resp: 35578
Ion Ratio Lower Upper
276 100
277 21.9 18.4 27.6
138 7.7 7.0 10.6

