

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053863.D
 Acq On : 9 Jun 2022 16:37
 Operator : CG/JU
 Sample : N3270-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11A

Quant Time: Jun 09 17:38:04 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)

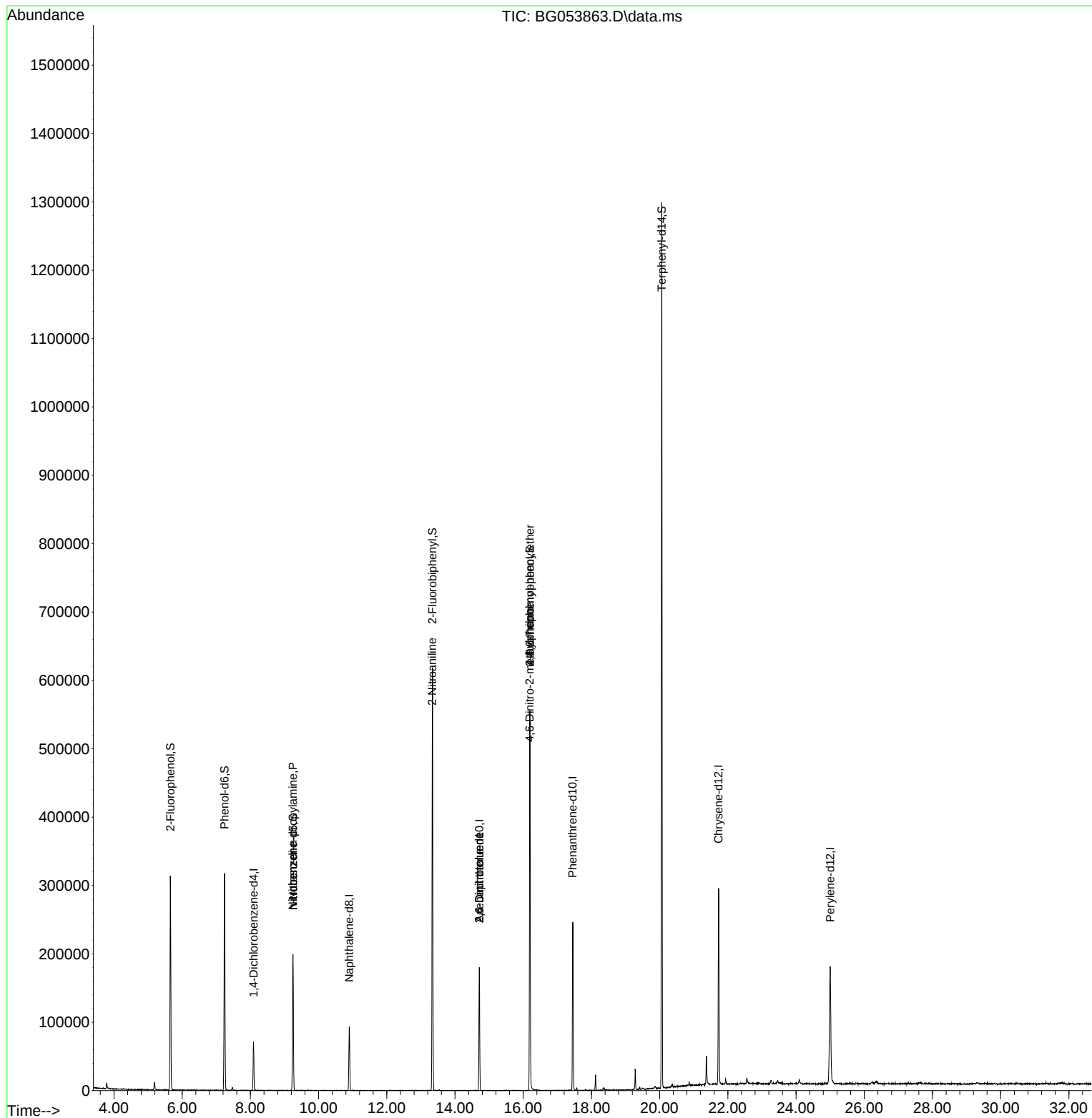
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	22019	20.000	ng	0.00
21) Naphthalene-d8	10.900	136	87951	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	69422	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	183926	20.000	ng	0.00
76) Chrysene-d12	21.729	240	202028	20.000	ng	0.00
86) Perylene-d12	25.001	264	204327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	146922	122.531	ng	0.00
7) Phenol-d6	7.240	99	196573	121.024	ng	0.00
23) Nitrobenzene-d5	9.249	82	128230	95.742	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	138267	164.079	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	350313	75.491	ng	0.00
79) Terphenyl-d14	20.060	244	748715	73.727	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.249	70	16953	14.737	ng	# 78
24) Nitrobenzene	9.249	77	277	3.146	ng	# 48
48) 2-Nitroaniline	13.333	65	331	5.343	ng	# 1
51) 2,6-Dinitrotoluene	14.713	165	9437	13.515	ng	# 16
57) 2,4-Dinitrotoluene	14.713	165	9437	11.295	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.188	198	235	5.898	ng	# 1
67) 4-Bromophenyl-phenylether	16.194	248	8449	4.228	ng	# 1

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

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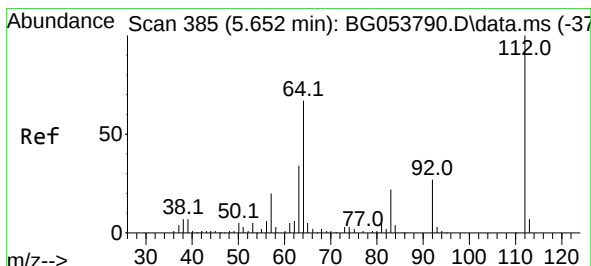
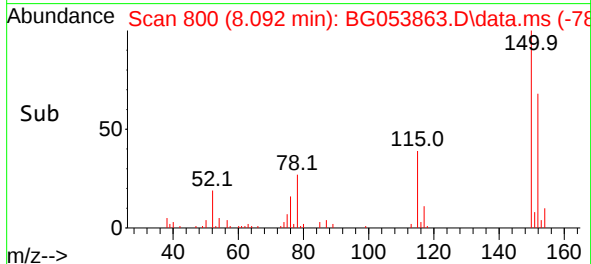
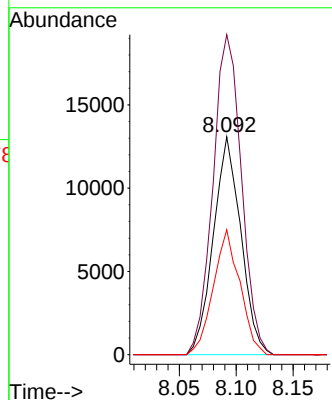
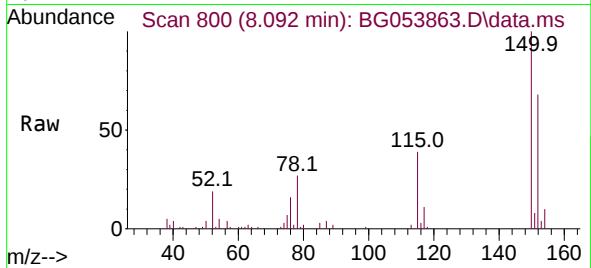




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.092 min Scan# 801
Delta R.T. -0.004 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

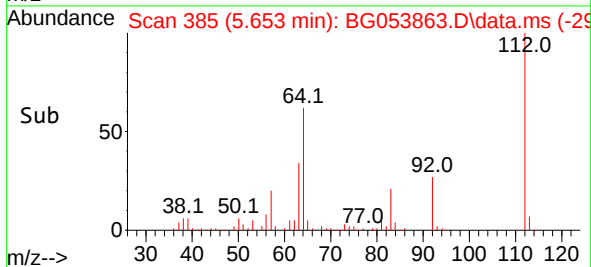
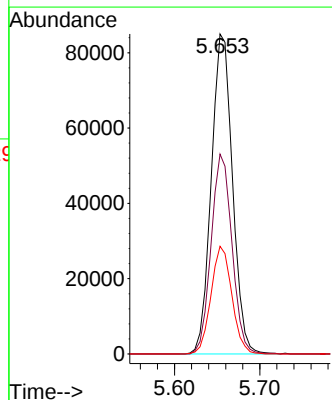
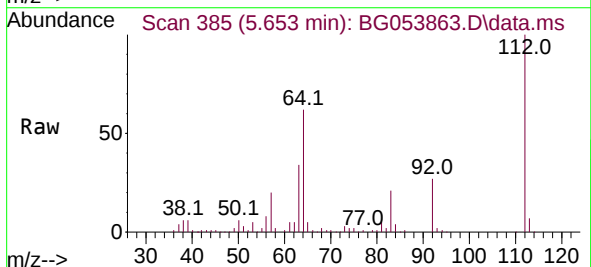
Instrument :
BNA_G
ClientSampleId :
TP-11A

Tgt Ion:152 Resp: 22019
Ion Ratio Lower Upper
152 100
150 146.8 131.6 197.4
115 57.3 50.9 76.3



#5
2-Fluorophenol
Concen: 122.531 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

Tgt Ion:112 Resp: 146922
Ion Ratio Lower Upper
112 100
64 62.5 55.1 82.7
63 33.7 30.4 45.6

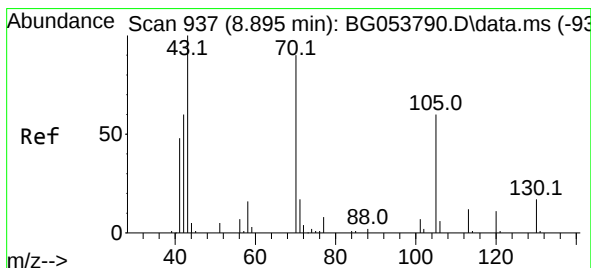
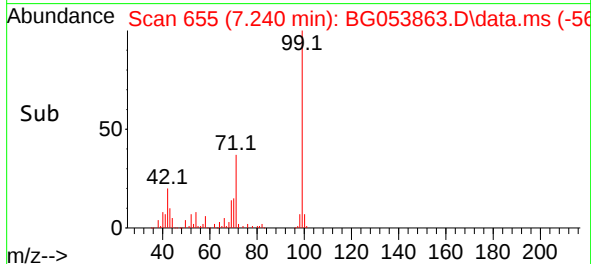
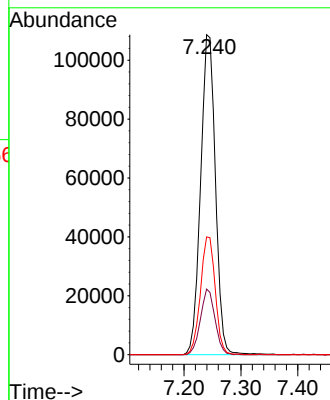
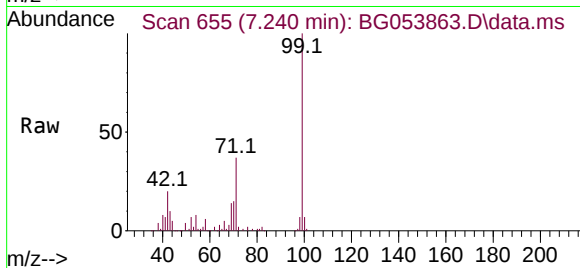




#7
Phenol-d6
Concen: 121.024 ng
RT: 7.240 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

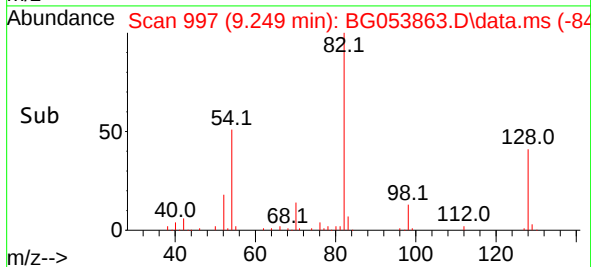
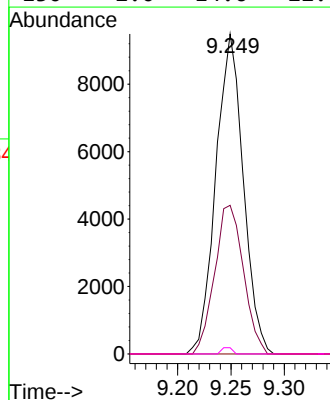
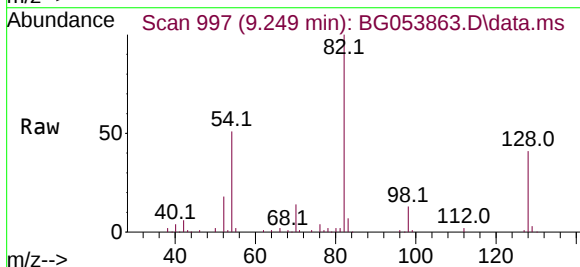
Instrument :
BNA_G
ClientSampleId :
TP-11A

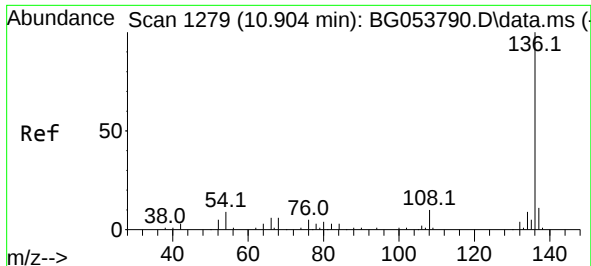
Tgt Ion: 99 Resp: 196573
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 36.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.737 ng
RT: 9.249 min Scan# 997
Delta R.T. 0.354 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

Tgt Ion: 70 Resp: 16953
Ion Ratio Lower Upper
70 100
42 46.4 47.3 70.9#
101 0.0 7.0 10.4#
130 2.0 14.6 22.0#

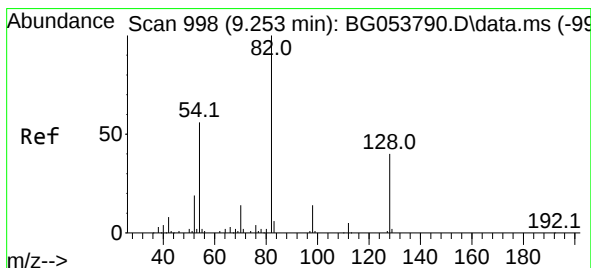
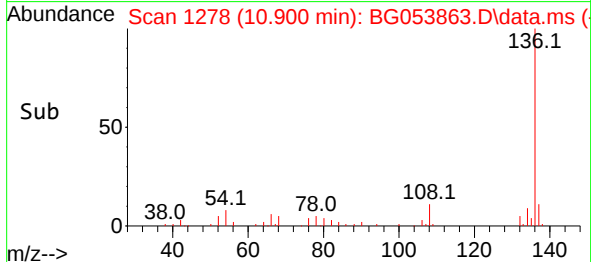
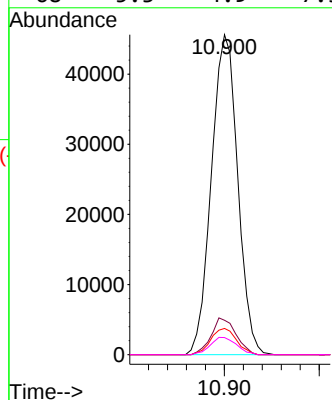
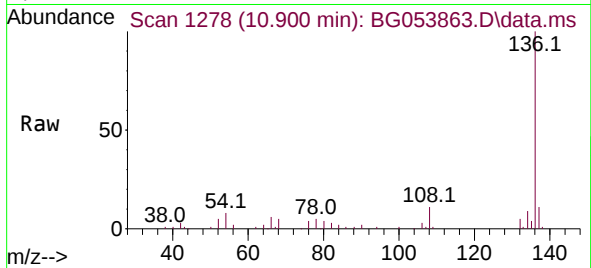




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.900 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

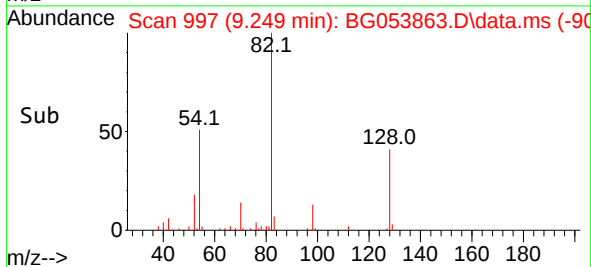
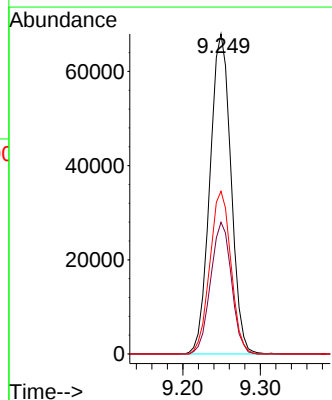
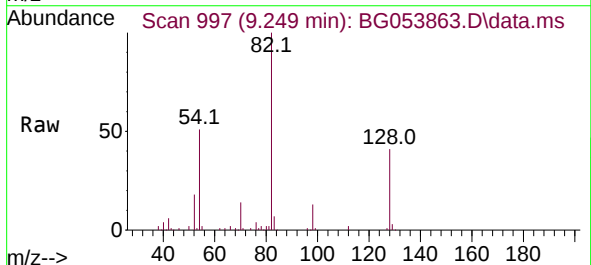
Instrument :
BNA_G
ClientSampleId :
TP-11A

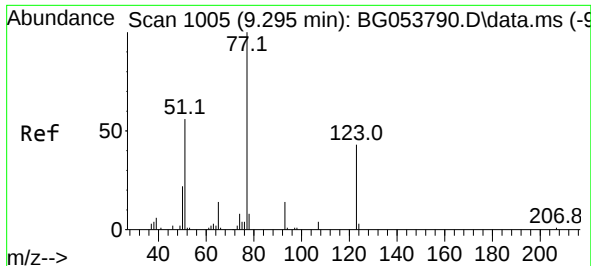
Tgt Ion:	136	Resp:	87951
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.2	7.4	11.2
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 95.742 ng
RT: 9.249 min Scan# 997
Delta R.T. -0.004 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

Tgt Ion:	82	Resp:	128230
Ion	Ratio	Lower	Upper
82	100		
128	41.2	27.9	41.9
54	50.9	41.2	61.8

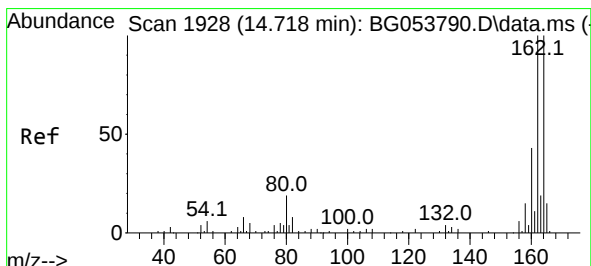
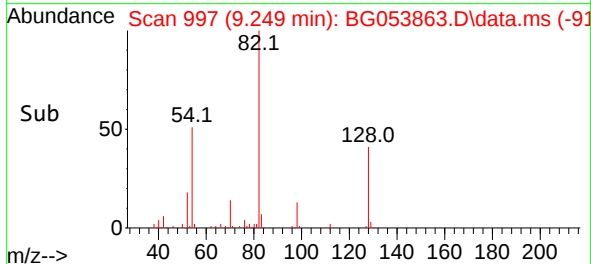
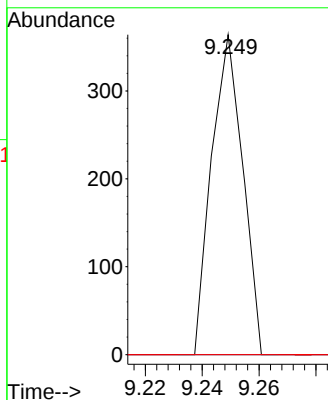
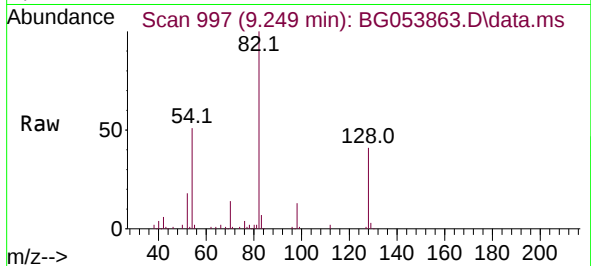




#24
Nitrobenzene
Concen: 3.146 ng
RT: 9.249 min Scan# 91
Delta R.T. -0.046 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

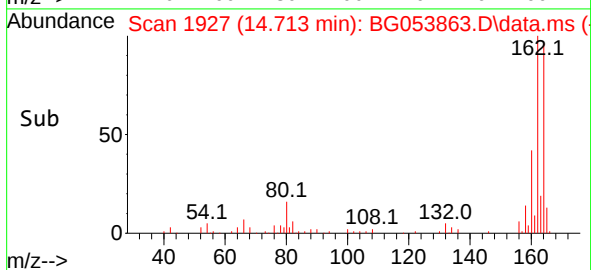
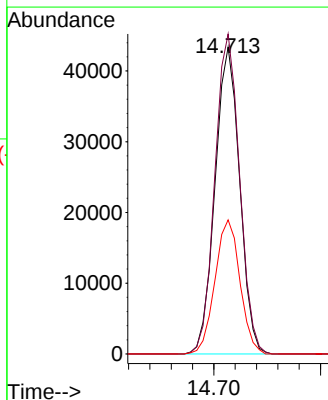
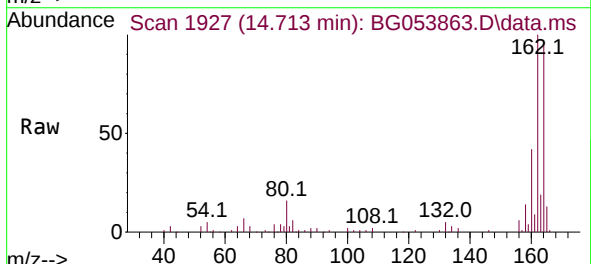
Instrument :
BNA_G
ClientSampleId :
TP-11A

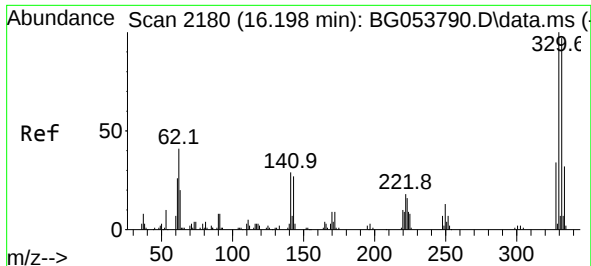
Tgt Ion: 77 Resp: 277
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

Tgt Ion: 164 Resp: 69422
Ion Ratio Lower Upper
164 100
162 104.3 82.3 123.5
160 43.7 34.2 51.2

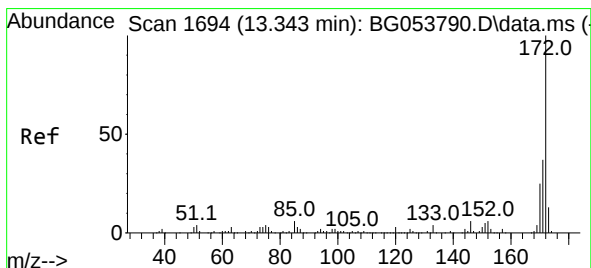
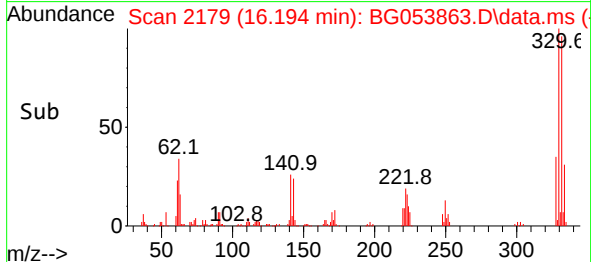
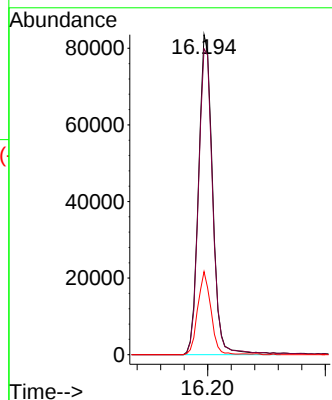
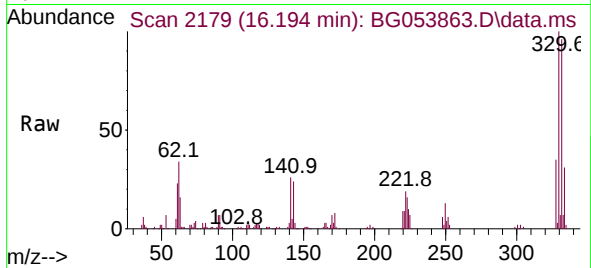




#42
2,4,6-Tribromophenol
Concen: 164.079 ng
RT: 16.194 min Scan# 2180
Delta R.T. -0.004 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

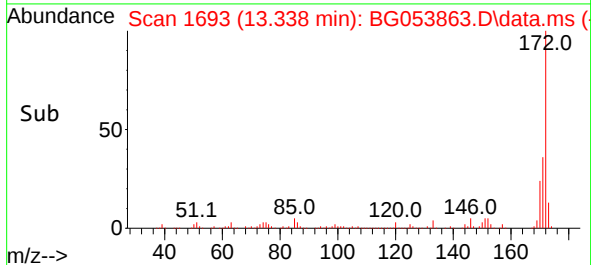
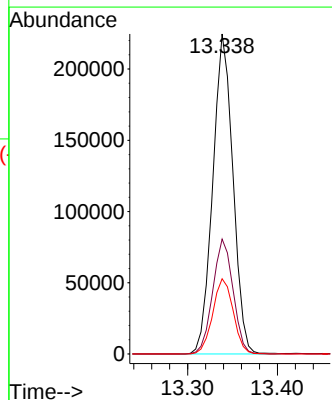
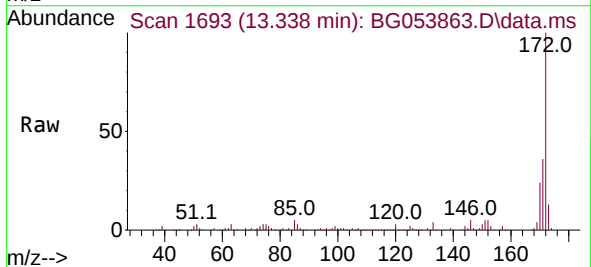
Instrument :
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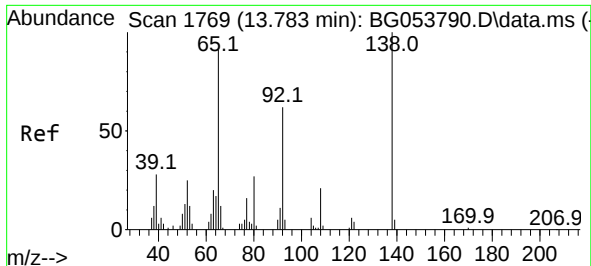
Tgt Ion:330 Resp: 138267
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 24.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 75.491 ng
RT: 13.338 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

Tgt Ion:172 Resp: 350313
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.5 18.9 28.3

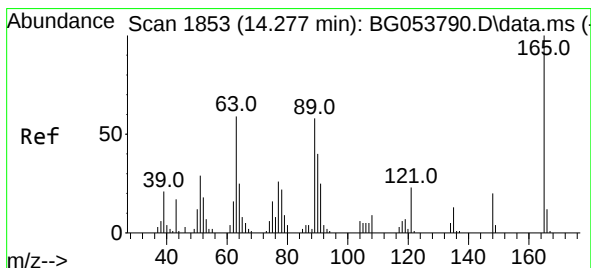
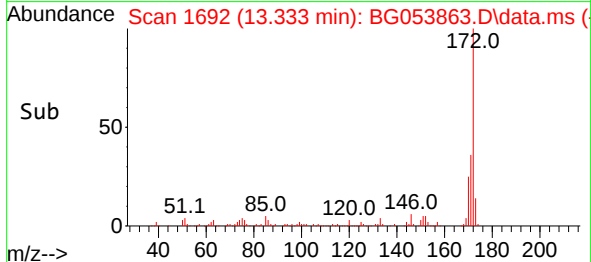
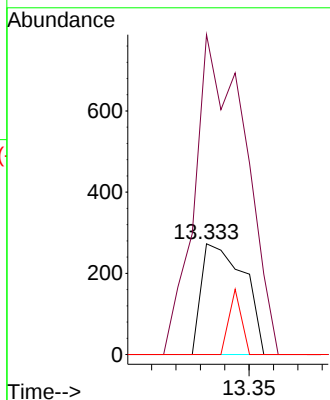
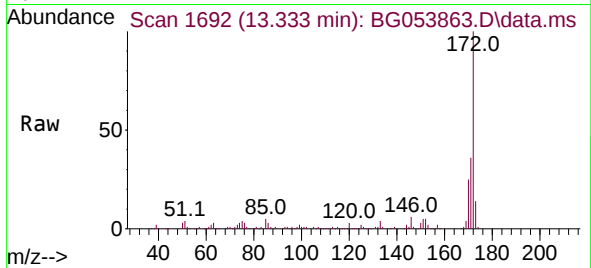




#48
2-Nitroaniline
Concen: 5.343 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.450 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

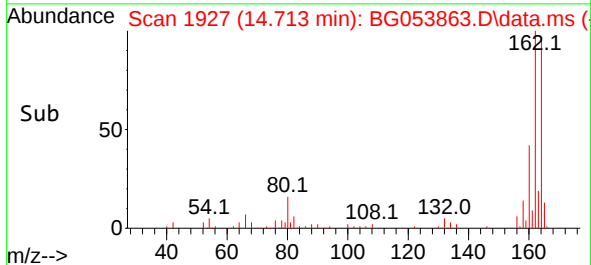
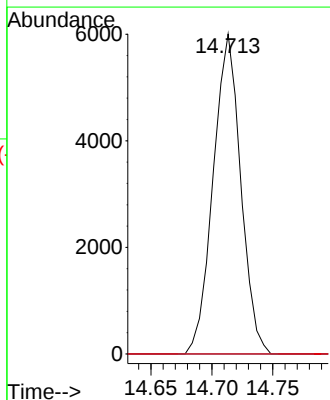
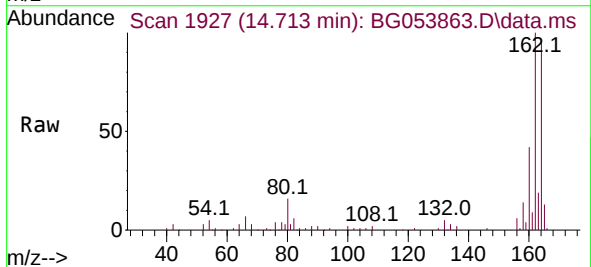
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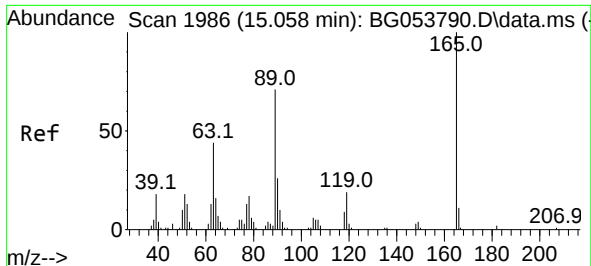
Tgt Ion: 65 Resp: 331
Ion Ratio Lower Upper
65 100
92 288.6 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.515 ng
RT: 14.713 min Scan# 1927
Delta R.T. 0.436 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

Tgt Ion:165 Resp: 9437
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: 11.295 ng

RT: 14.713 min Scan# 1986

Delta R.T. -0.345 min

Lab File: BG053863.D

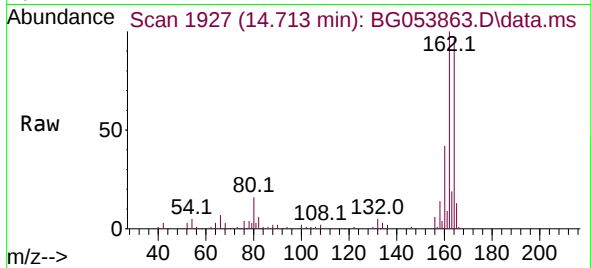
Acq: 9 Jun 2022 16:37

Instrument :

BNA_G

ClientSampleId :

TP-11A



Tgt Ion:165 Resp: 9437

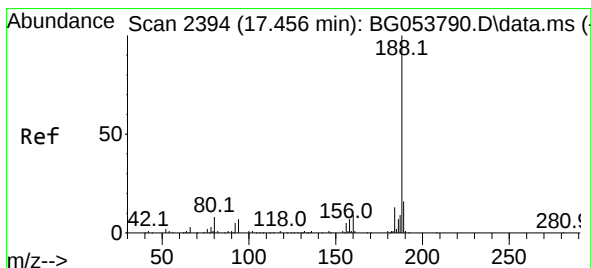
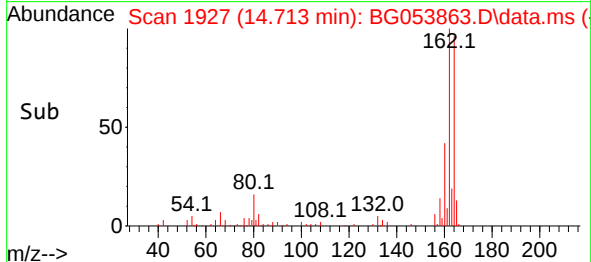
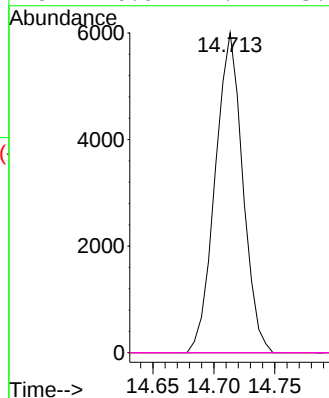
Ion Ratio Lower Upper

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: 17.451 min Scan# 2393

Delta R.T. -0.005 min

Lab File: BG053863.D

Acq: 9 Jun 2022 16:37

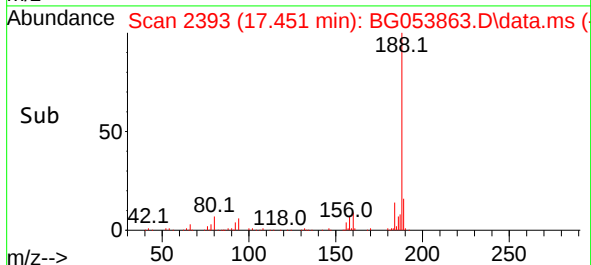
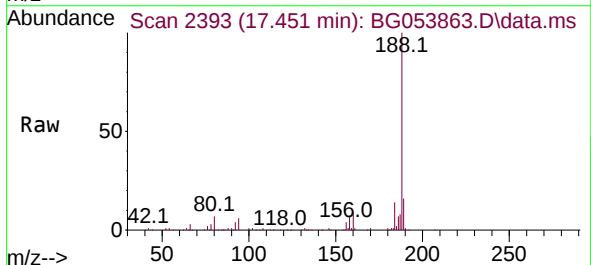
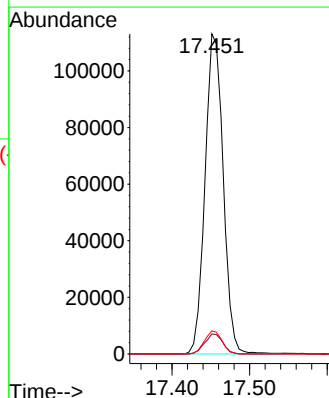
Tgt Ion:188 Resp: 183926

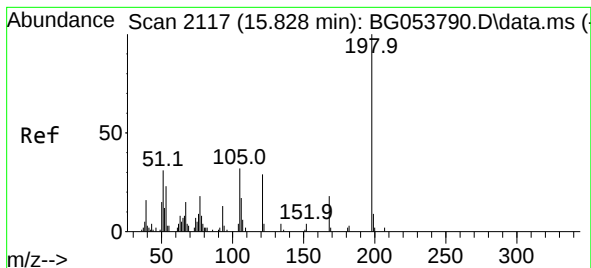
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 7.2 6.8 10.2

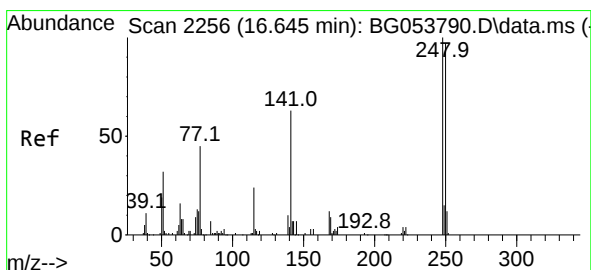
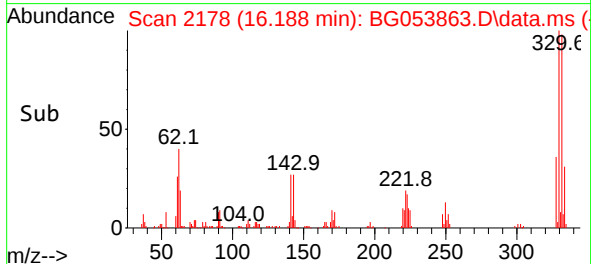
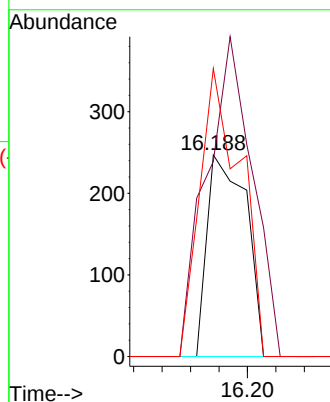
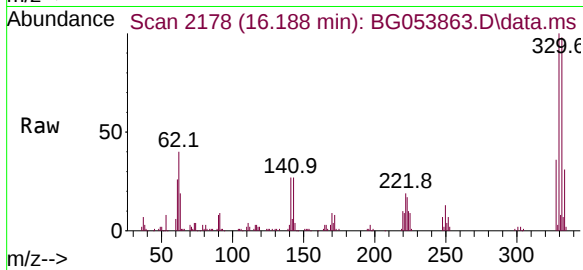




#65
4,6-Dinitro-2-methylphenol
Concen: 5.898 ng
RT: 16.188 min Scan# 2117
Delta R.T. 0.360 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

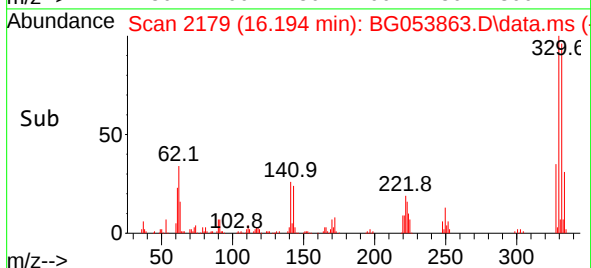
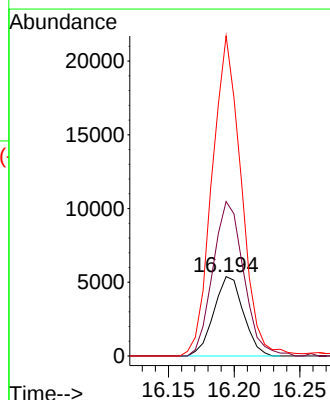
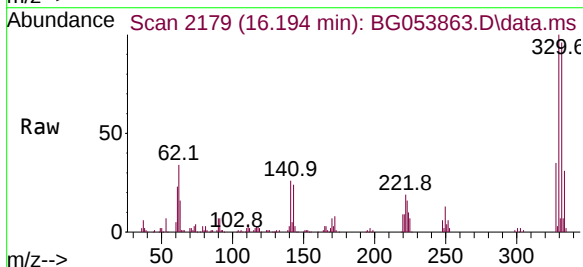
Instrument :
BNA_G
ClientSampleId :
TP-11A

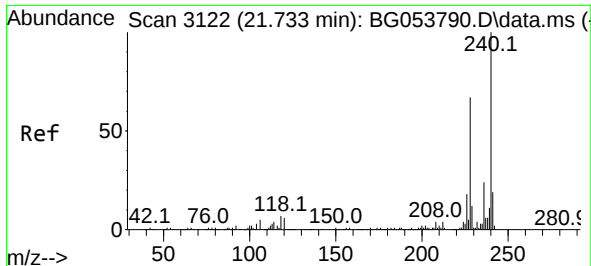
Tgt Ion:198 Resp: 235
Ion Ratio Lower Upper
198 100
51 96.8 28.1 68.1#
105 142.9 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.228 ng
RT: 16.194 min Scan# 2179
Delta R.T. -0.451 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

Tgt Ion:248 Resp: 8449
Ion Ratio Lower Upper
248 100
250 198.4 75.2 112.8#
141 311.8 50.0 75.0#

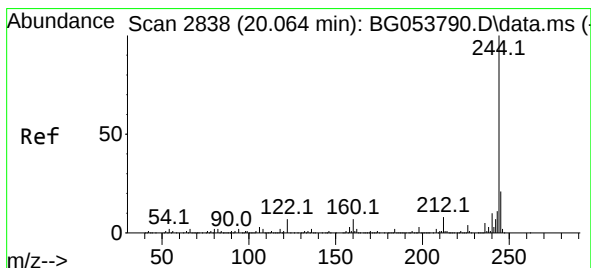
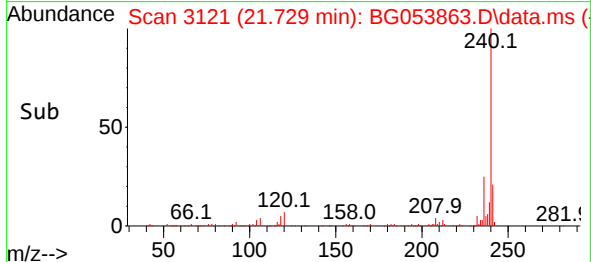
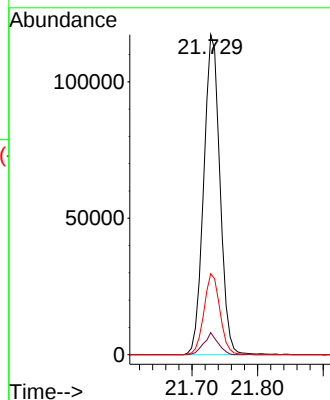
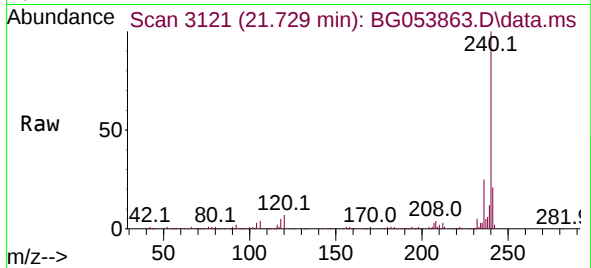




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.729 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

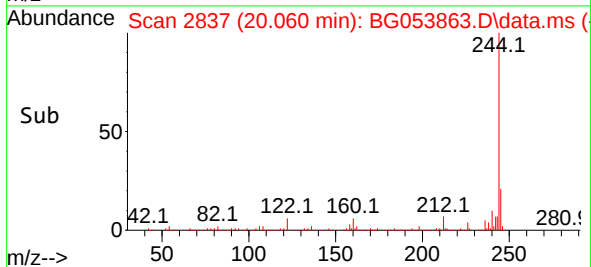
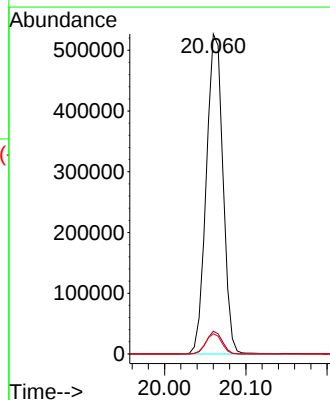
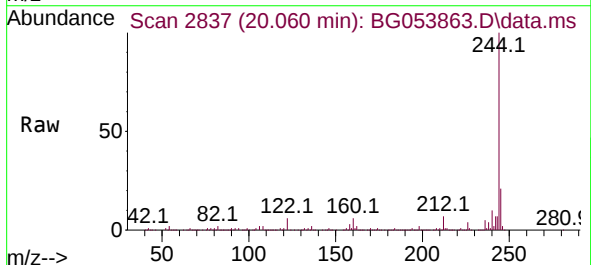
Instrument :
BNA_G
ClientSampleId :
TP-11A

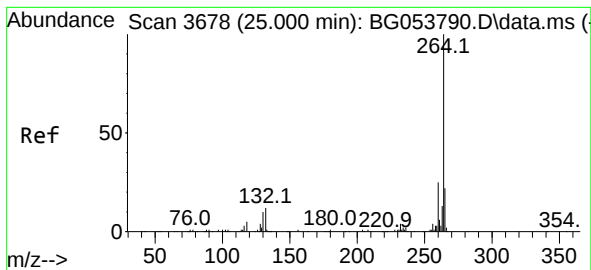
Tgt Ion:240 Resp: 202028
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 25.3 20.2 30.4



#79
Terphenyl-d14
Concen: 73.727 ng
RT: 20.060 min Scan# 2837
Delta R.T. -0.004 min
Lab File: BG053863.D
Acq: 9 Jun 2022 16:37

Tgt Ion:244 Resp: 748715
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 6.3 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 30

Delta R.T. 0.002 min

Lab File: BG053863.D

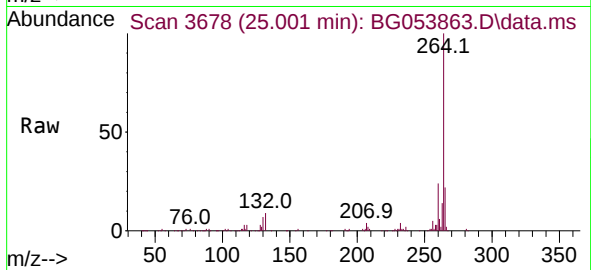
Acq: 9 Jun 2022 16:37

Instrument :

BNA_G

ClientSampleId :

TP-11A



Tgt Ion:264 Resp: 204327

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.9 17.4 26.2

