

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054333.D
 Acq On : 20 Jul 2022 18:48
 Operator : CG/JU
 Sample : N3767-05 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TANK-O

Quant Time: Jul 21 01:25:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

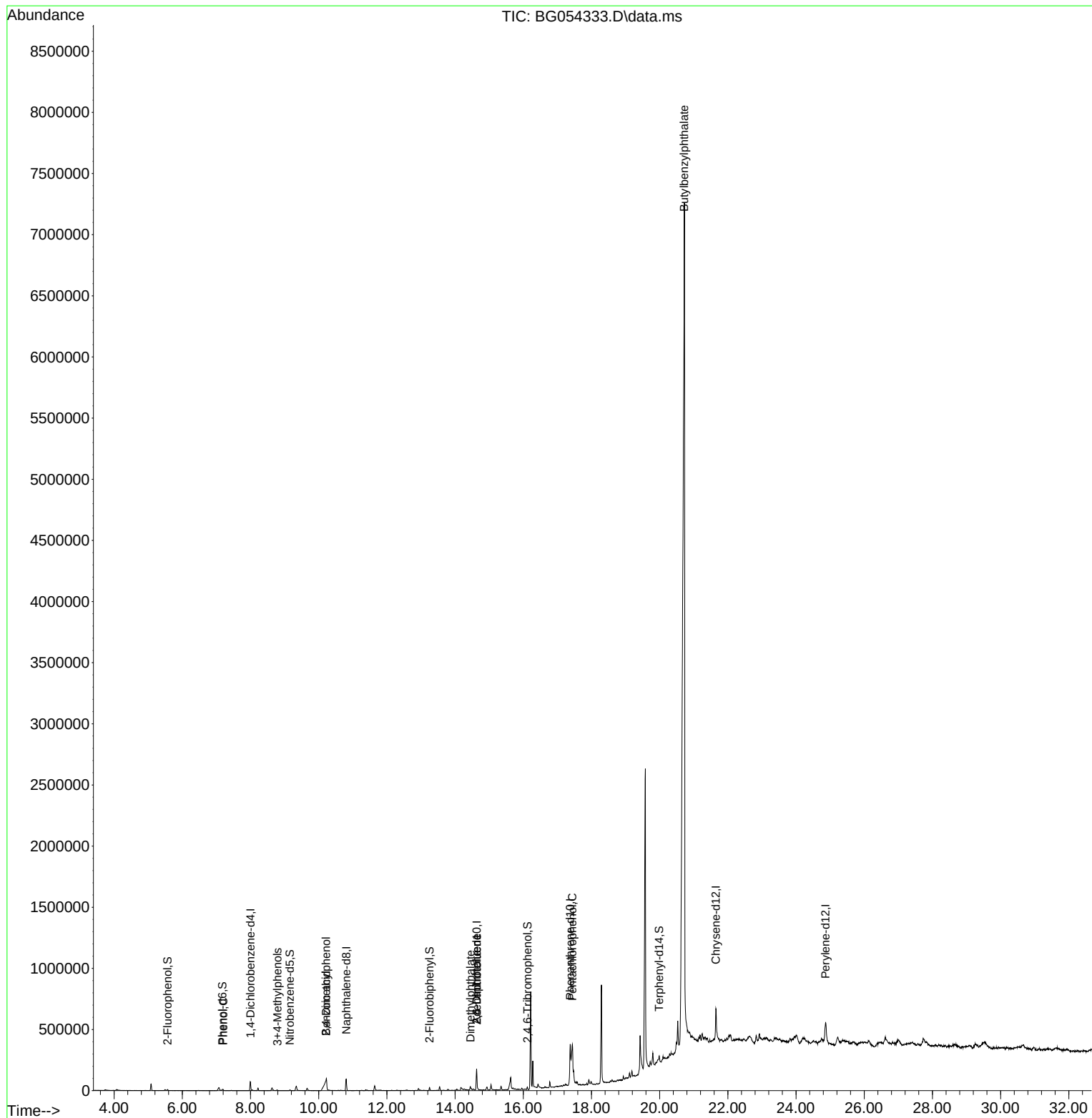
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	23133	20.000	ng	0.00
21) Naphthalene-d8	10.809	136	87095	20.000	ng	# 0.00
39) Acenaphthene-d10	14.634	164	67359	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	154366	20.000	ng	# 0.00
76) Chrysene-d12	21.649	240	177528	20.000	ng	# 0.00
86) Perylene-d12	24.863	264	193202	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	3825	3.452	ng	0.00
7) Phenol-d6	7.178	99	4933	3.249	ng	0.00
23) Nitrobenzene-d5	9.158	82	4096	2.561	ng	0.00
42) 2,4,6-Tribromophenol	16.126	330	5828	4.121	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	14159	2.965	ng	0.00
79) Terphenyl-d14	19.986	244	27869	3.114	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.201	94	4873	3.231	ng	97
20) 3+4-Methylphenols	8.787	107	3722	2.430	ng	# 78
27) 2,4-Dimethylphenol	10.215	122	73145	67.207	ng	# 1
32) Benzoic acid	10.215	122	73145	149.939	ng	# 80
50) Dimethylphthalate	14.451	163	19324	3.673	ng	# 92
51) 2,6-Dinitrotoluene	14.634	165	9502	8.234	ng	# 18
57) 2,4-Dinitrotoluene	14.634	165	9502	5.743	ng	# 23
70) Pentachlorophenol	17.436	266	727	4.426	ng	95
80) Butylbenzylphthalate	20.721	149	29672	9.347	ng	# 57

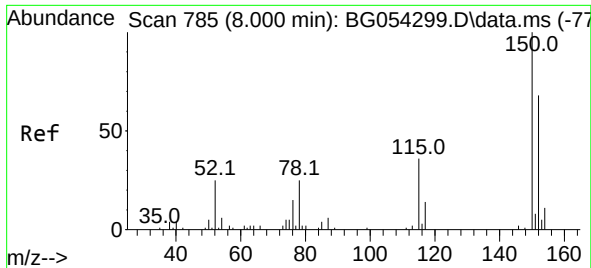
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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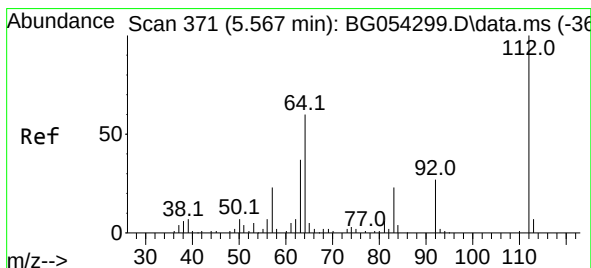
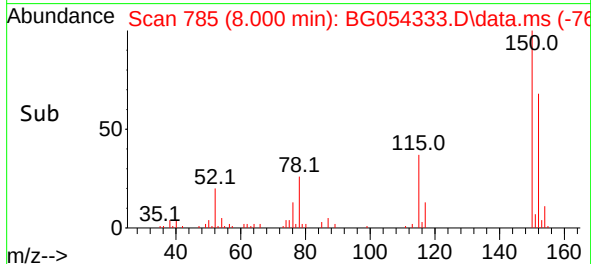
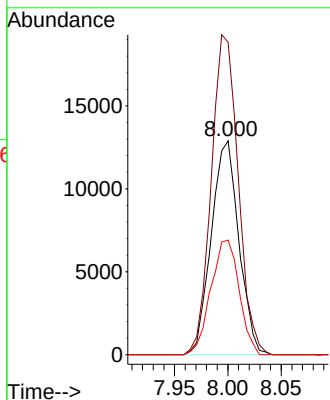
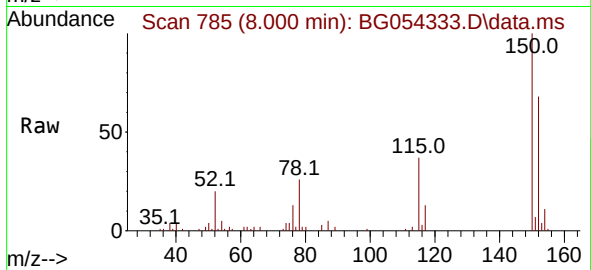




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.000 min Scan# 785
Delta R.T. 0.000 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

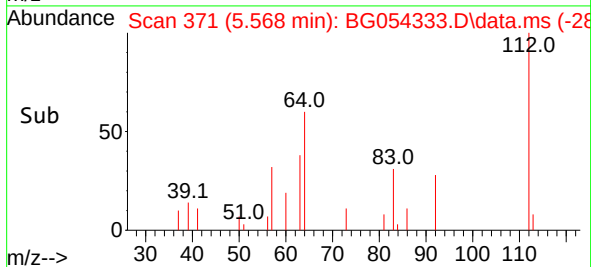
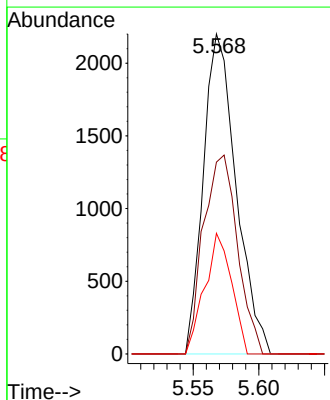
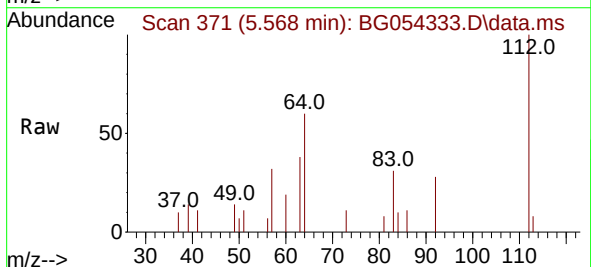
Instrument :
BNA_G
ClientSampleId :
TANK-O

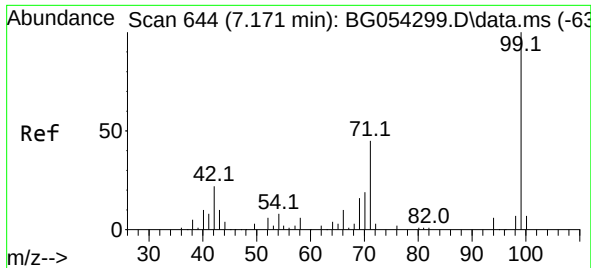
Tgt Ion:152 Resp: 23133
Ion Ratio Lower Upper
152 100
150 146.2 131.6 197.4
115 53.6 50.9 76.3



#5
2-Fluorophenol
Concen: 3.452 ng
RT: 5.568 min Scan# 371
Delta R.T. 0.000 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Tgt Ion:112 Resp: 3825
Ion Ratio Lower Upper
112 100
64 60.0 55.1 82.7
63 37.7 30.4 45.6

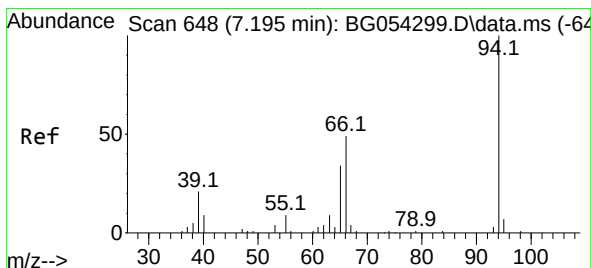
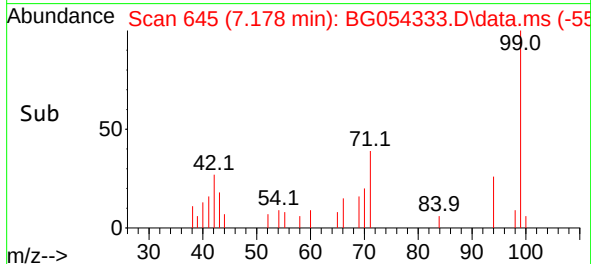
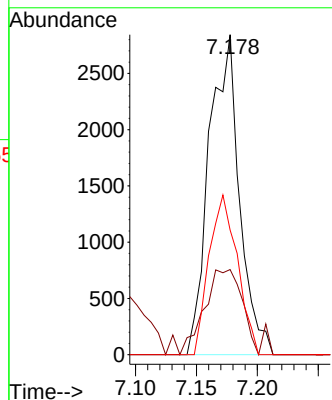
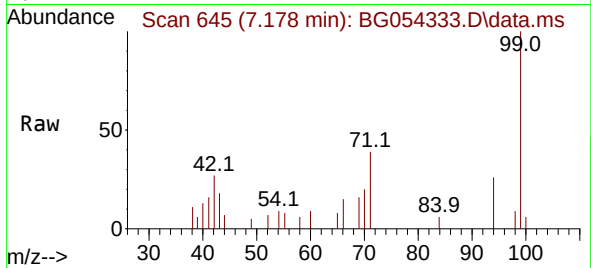




#7
Phenol-d6
Concen: 3.249 ng
RT: 7.178 min Scan# 644
Delta R.T. 0.006 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

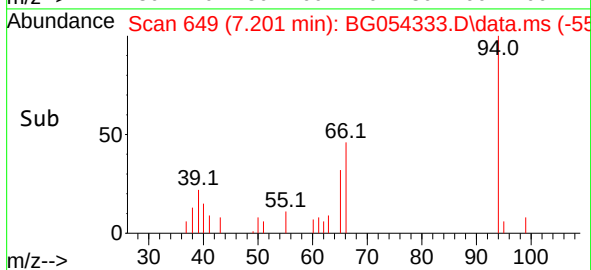
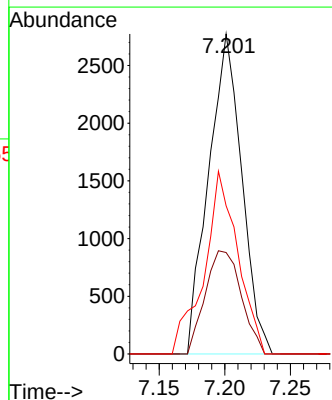
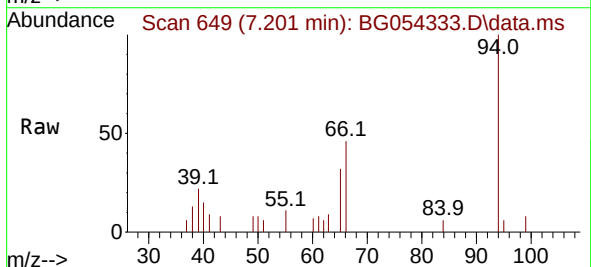
Instrument :
BNA_G
ClientSampleId :
TANK-O

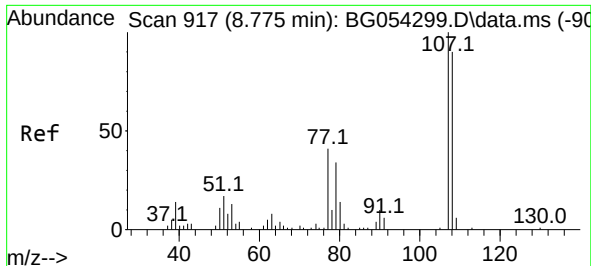
Tgt Ion: 99 Resp: 4933
Ion Ratio Lower Upper
99 100
42 26.6 17.0 25.6#
71 39.0 33.8 50.8



#10
Phenol
Concen: 3.231 ng
RT: 7.201 min Scan# 649
Delta R.T. 0.006 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Tgt Ion: 94 Resp: 4873
Ion Ratio Lower Upper
94 100
65 31.7 14.8 54.8
66 46.3 25.2 65.2





#20

3+4-Methylphenols

Concen: 2.430 ng

RT: 8.787 min Scan# 917

Delta R.T. 0.012 min

Lab File: BG054333.D

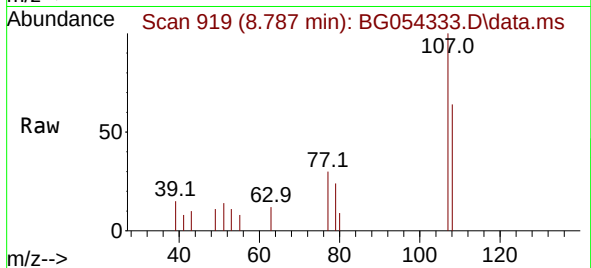
Acq: 20 Jul 2022 18:48

Instrument :

BNA_G

ClientSampleId :

TANK-O



Tgt Ion:107 Resp: 3722

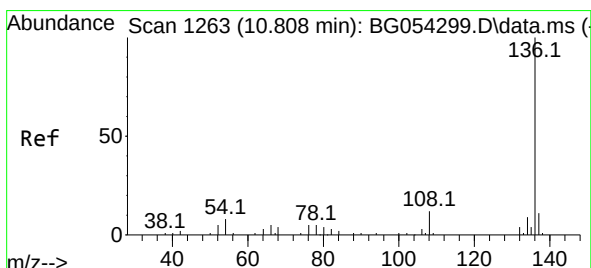
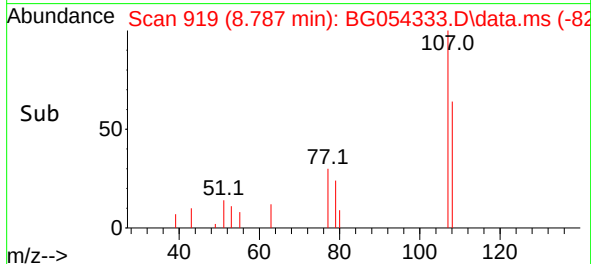
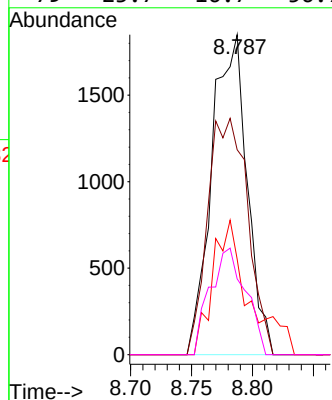
Ion Ratio Lower Upper

107 100

108 64.1 67.5 107.5#

77 29.8 20.3 60.3

79 23.7 16.7 56.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.809 min Scan# 1263

Delta R.T. 0.001 min

Lab File: BG054333.D

Acq: 20 Jul 2022 18:48

Tgt Ion:136 Resp: 87095

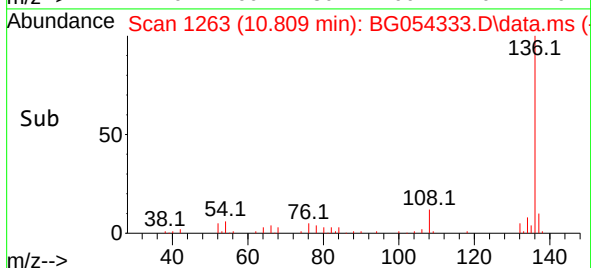
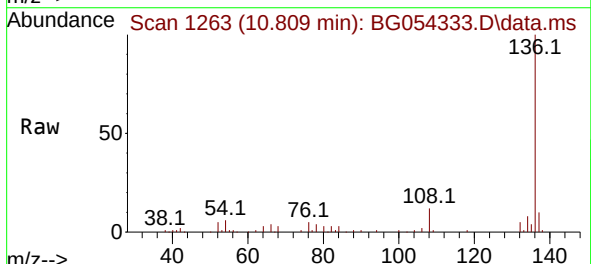
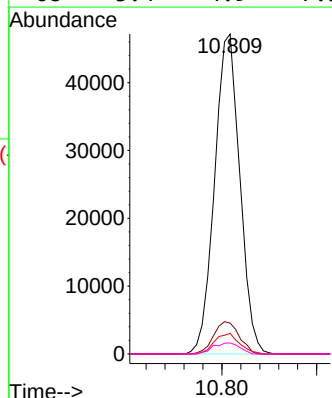
Ion Ratio Lower Upper

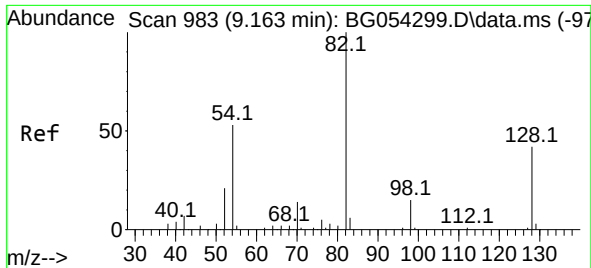
136 100

137 9.6 8.5 12.7

54 6.4 7.4 11.2#

68 3.4 4.9 7.3#

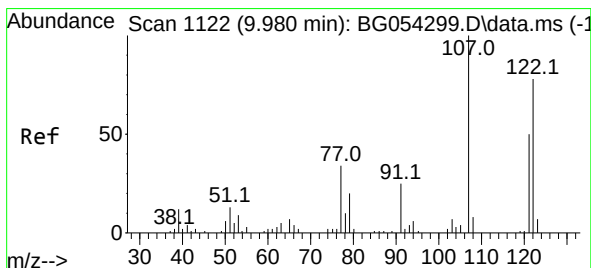
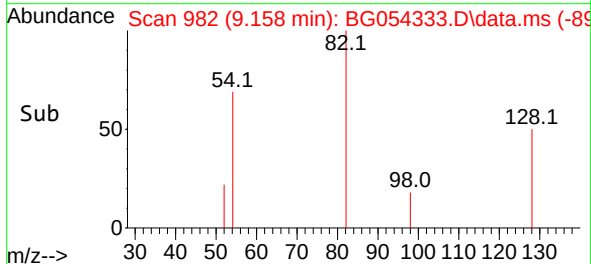
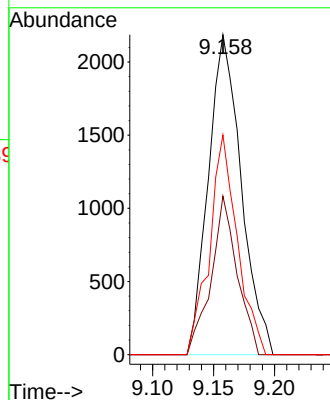
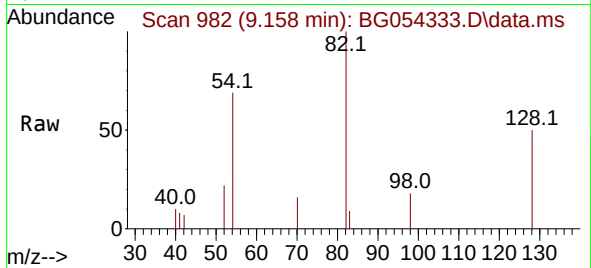




#23
Nitrobenzene-d5
Concen: 2.561 ng
RT: 9.158 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

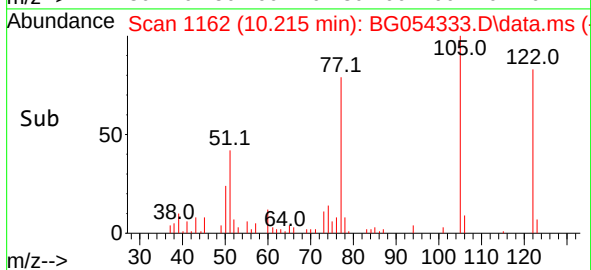
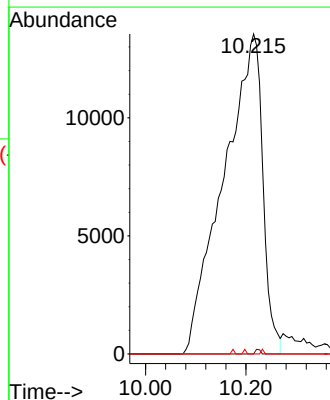
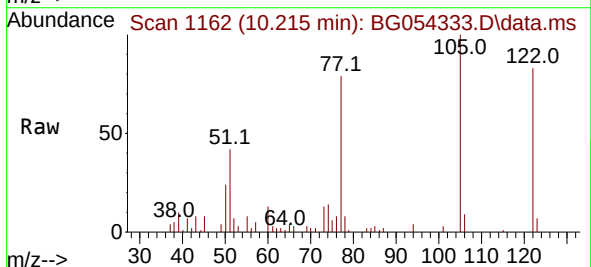
Instrument :
BNA_G
ClientSampleId :
TANK-O

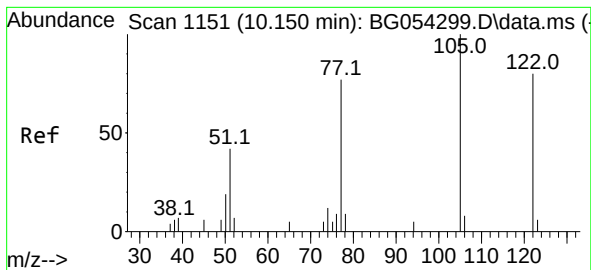
Tgt Ion: 82 Resp: 4096
Ion Ratio Lower Upper
82 100
128 49.6 27.9 41.9#
54 68.6 41.2 61.8#



#27
2,4-Dimethylphenol
Concen: 67.207 ng
RT: 10.215 min Scan# 1162
Delta R.T. 0.235 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Tgt Ion: 122 Resp: 73145
Ion Ratio Lower Upper
122 100
107 0.0 109.4 164.0#
121 0.0 48.7 73.1#





#32

Benzoic acid

Concen: 149.939 ng

RT: 10.215 min Scan# 1151

Delta R.T. 0.065 min

Lab File: BG054333.D

Acq: 20 Jul 2022 18:48

Instrument :

BNA_G

ClientSampleId :

TANK-O

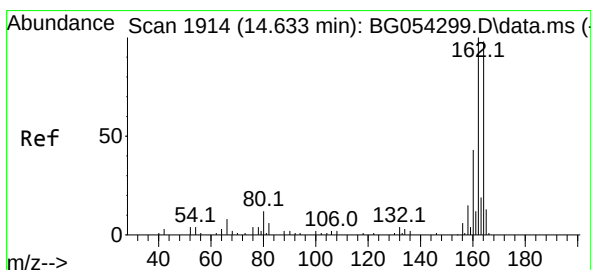
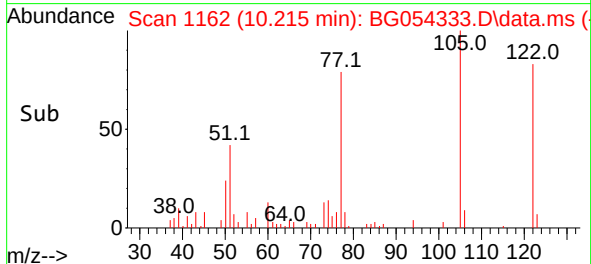
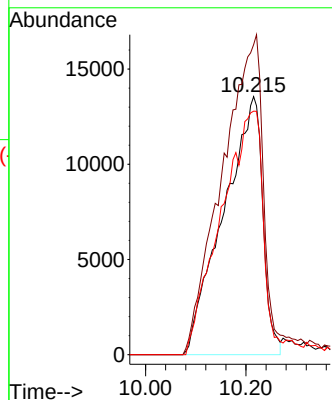
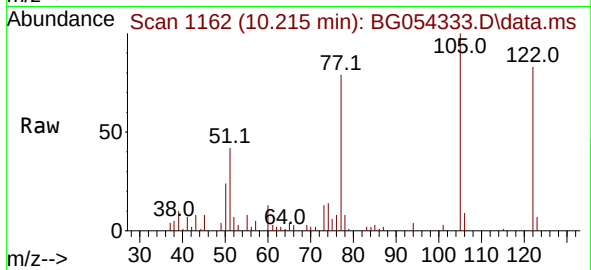
Tgt Ion:122 Resp: 73145

Ion Ratio Lower Upper

122 100

105 120.2 111.8 151.8

77 94.4 109.4 149.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.634 min Scan# 1914

Delta R.T. 0.001 min

Lab File: BG054333.D

Acq: 20 Jul 2022 18:48

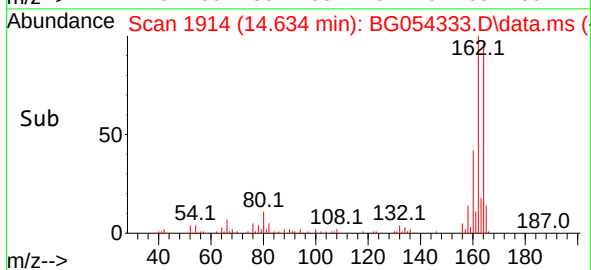
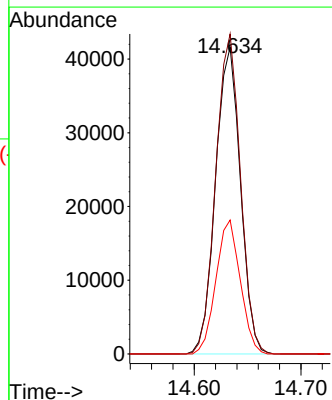
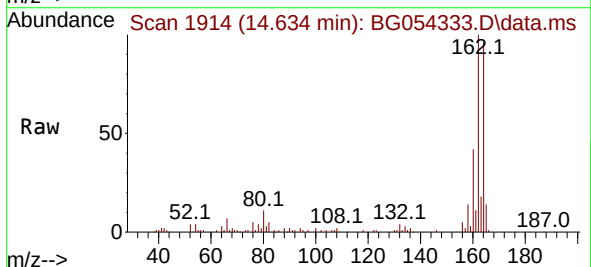
Tgt Ion:164 Resp: 67359

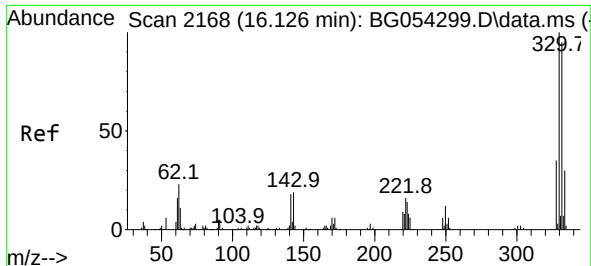
Ion Ratio Lower Upper

164 100

162 104.2 82.3 123.5

160 43.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 4.121 ng

RT: 16.126 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054333.D

Acq: 20 Jul 2022 18:48

Instrument :

BNA_G

ClientSampleId :

TANK-O

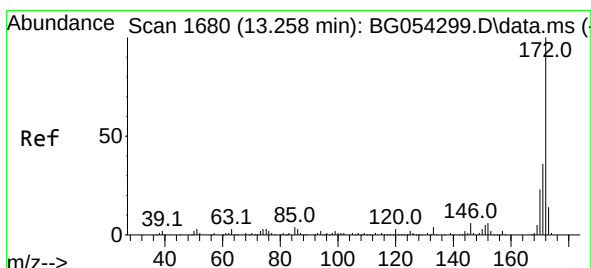
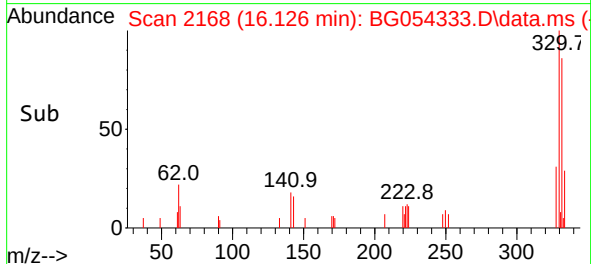
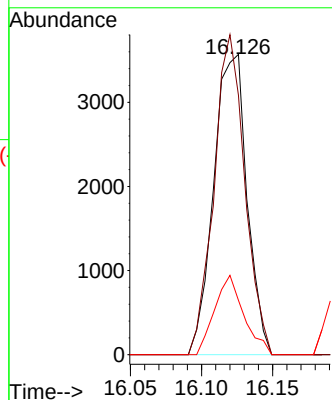
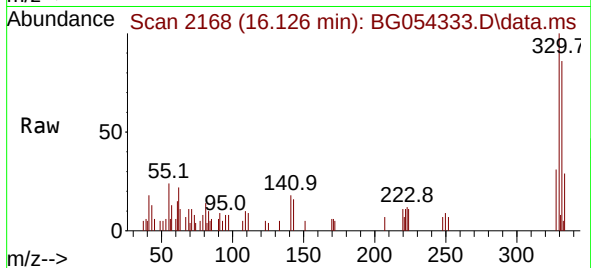
Tgt Ion:330 Resp: 5828

Ion Ratio Lower Upper

330 100

332 98.5 76.0 114.0

141 23.1 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 2.965 ng

RT: 13.253 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BG054333.D

Acq: 20 Jul 2022 18:48

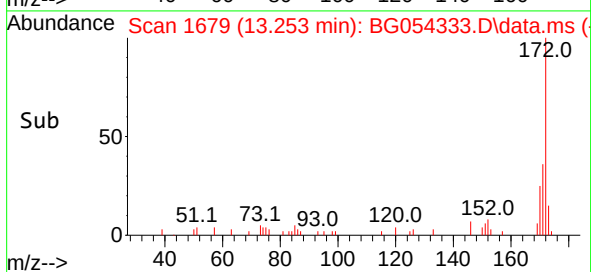
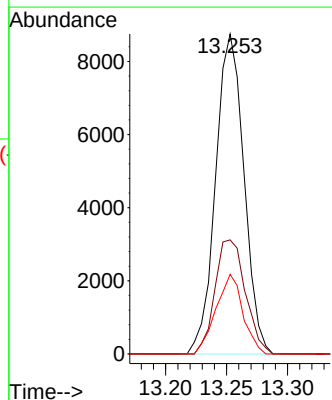
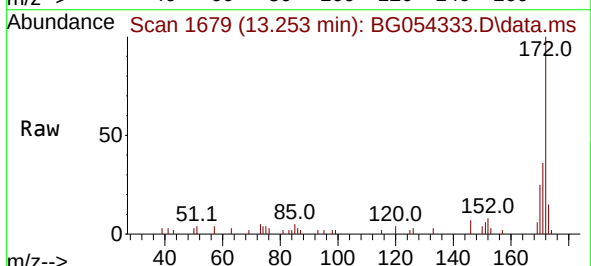
Tgt Ion:172 Resp: 14159

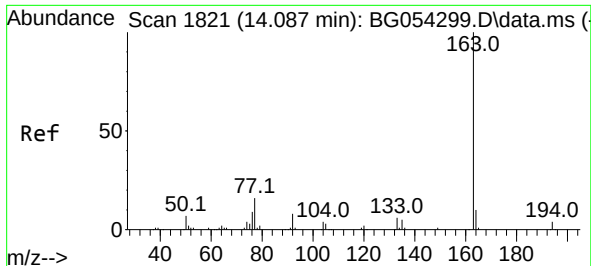
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.9 18.9 28.3

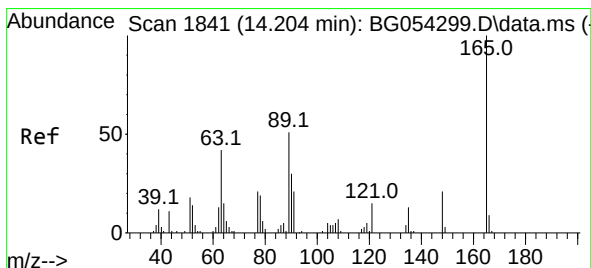
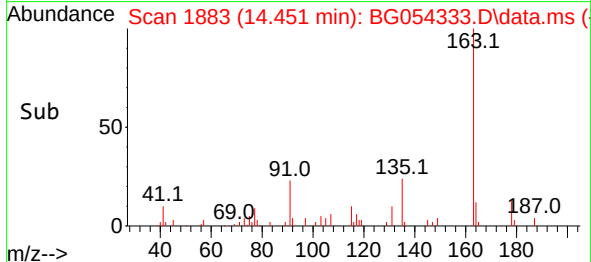
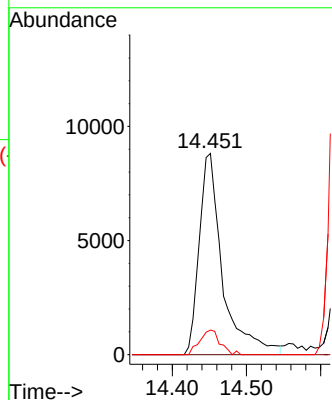
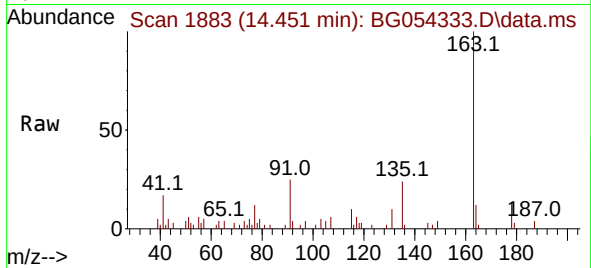




#50
Dimethylphthalate
Concen: 3.673 ng
RT: 14.451 min Scan# 11
Delta R.T. 0.365 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

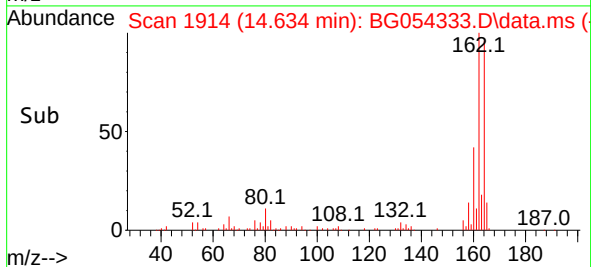
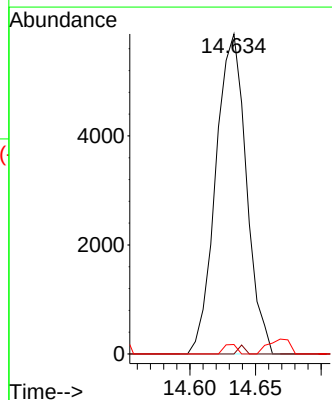
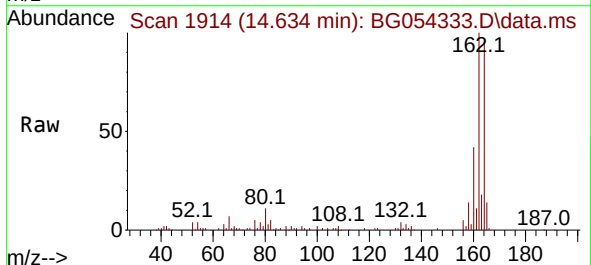
Instrument :
BNA_G
ClientSampleId :
TANK-O

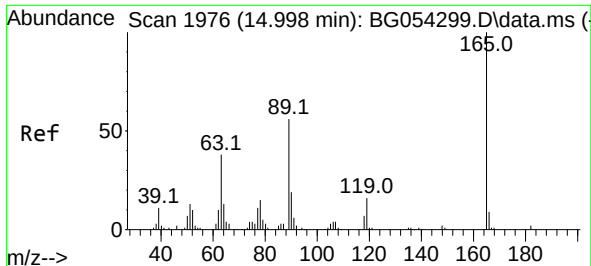
Tgt Ion:163 Resp: 19324
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 12.2 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.234 ng
RT: 14.634 min Scan# 1914
Delta R.T. 0.429 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Tgt Ion:165 Resp: 9502
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.9 54.8 82.2#

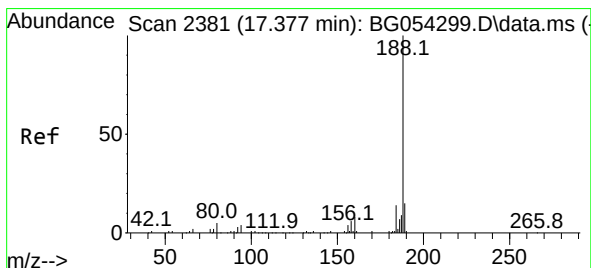
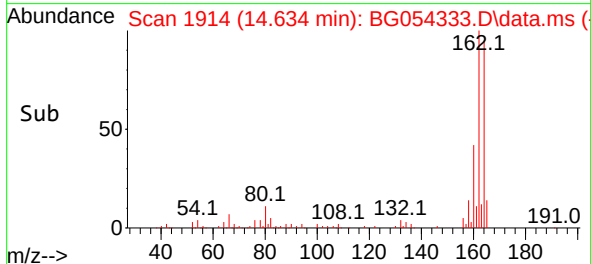
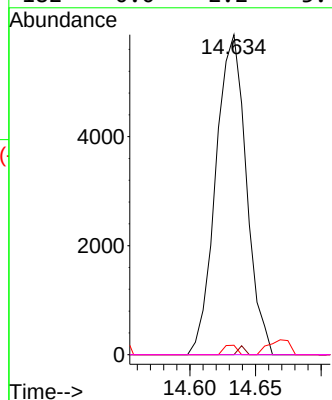
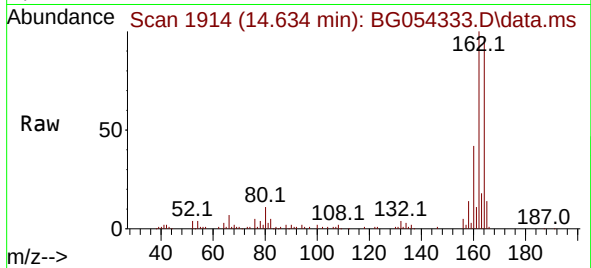




#57
2,4-Dinitrotoluene
Concen: 5.743 ng
RT: 14.634 min Scan# 1914
Delta R.T. -0.364 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

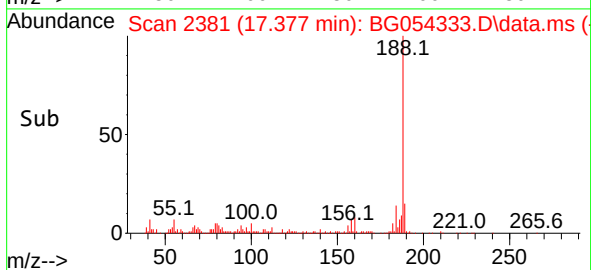
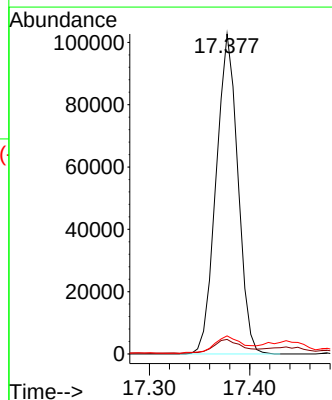
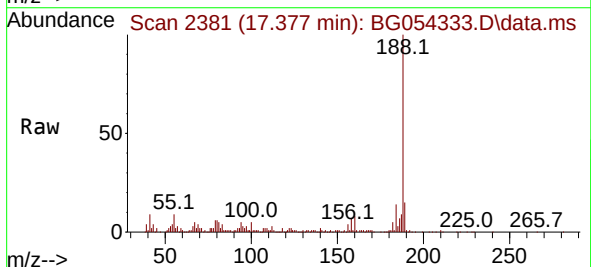
Instrument :
BNA_G
ClientSampleId :
TANK-O

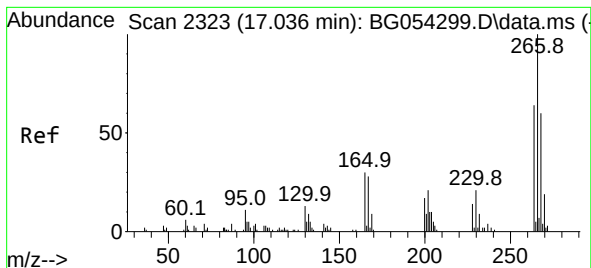
Tgt Ion:165 Resp: 9502
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 2.9 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Tgt Ion:188 Resp: 154366
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 5.7 6.8 10.2#





#70

Pentachlorophenol

Concen: 4.426 ng

RT: 17.436 min Scan# 21

Delta R.T. 0.400 min

Lab File: BG054333.D

Acq: 20 Jul 2022 18:48

Instrument :

BNA_G

ClientSampleId :

TANK-O

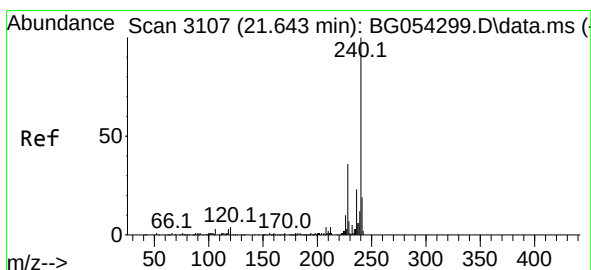
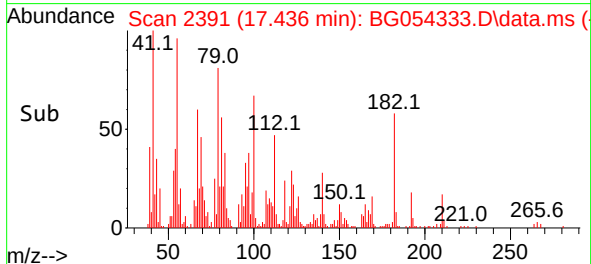
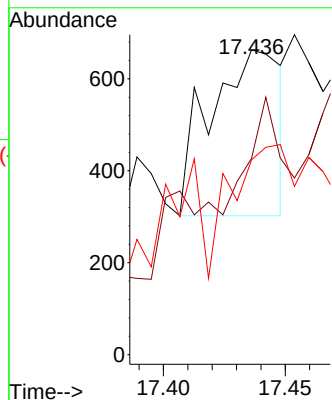
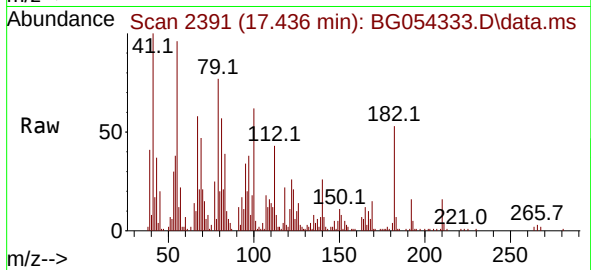
Tgt Ion:266 Resp: 727

Ion Ratio Lower Upper

266 100

268 64.4 56.2 84.2

264 64.0 53.0 79.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.649 min Scan# 3108

Delta R.T. 0.006 min

Lab File: BG054333.D

Acq: 20 Jul 2022 18:48

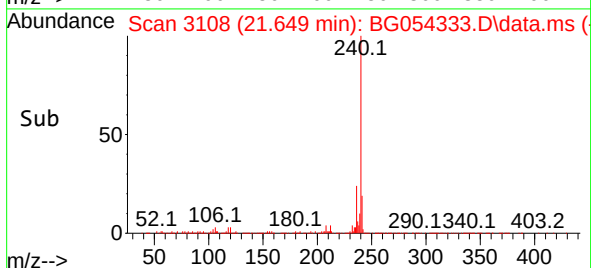
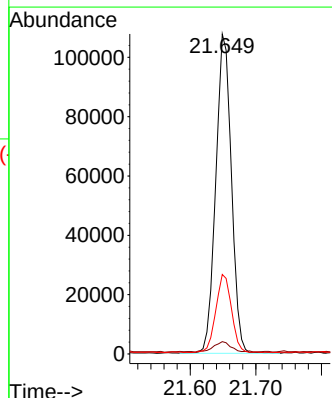
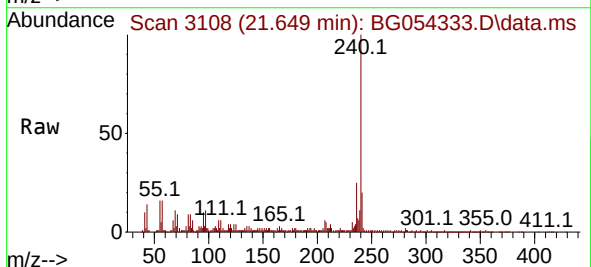
Tgt Ion:240 Resp: 177528

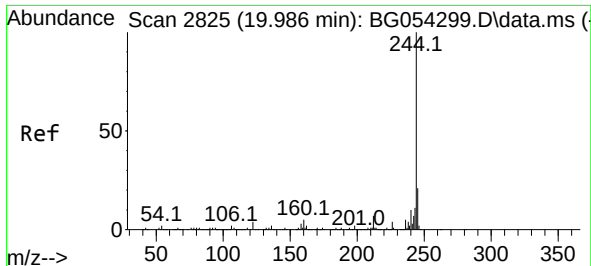
Ion Ratio Lower Upper

240 100

120 3.9 4.6 7.0#

236 24.8 20.2 30.4

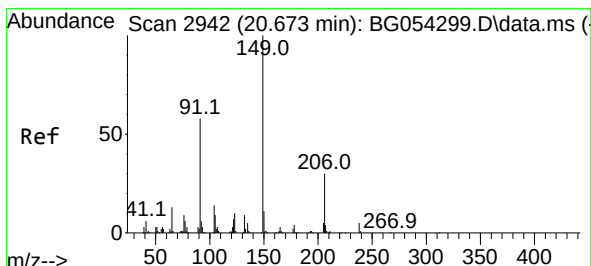
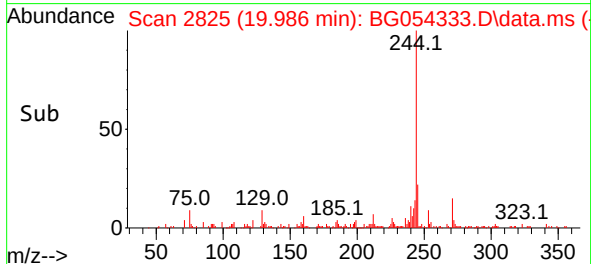
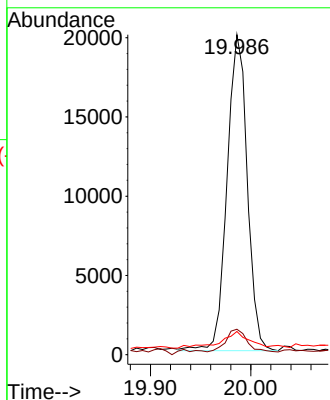
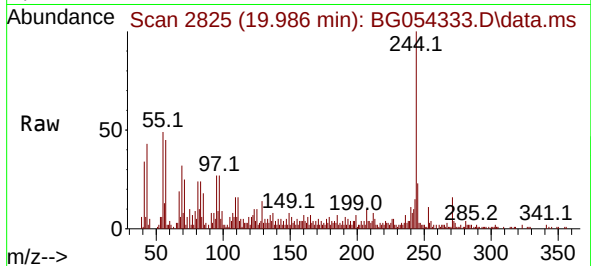




#79
 Terphenyl-d14
 Concen: 3.114 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054333.D
 Acq: 20 Jul 2022 18:48

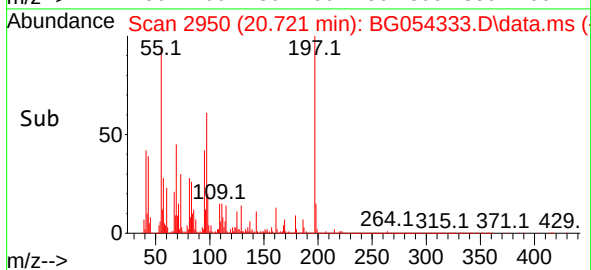
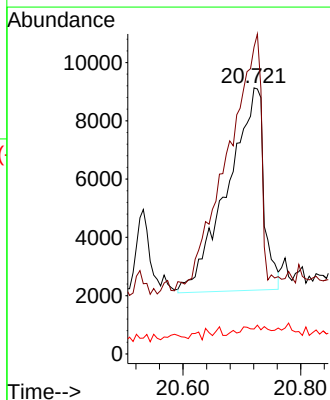
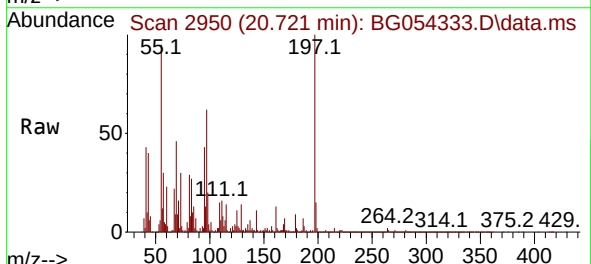
Instrument :
 BNA_G
 ClientSampleId :
 TANK-O

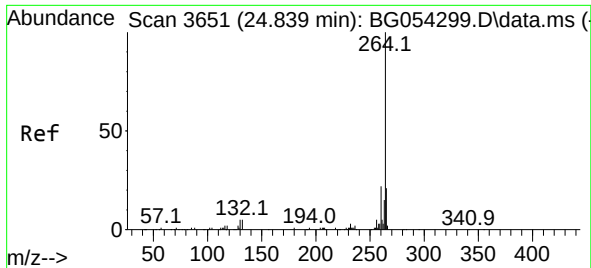
Tgt Ion:244 Resp: 27869
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 7.3 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 9.347 ng
 RT: 20.721 min Scan# 2950
 Delta R.T. 0.047 min
 Lab File: BG054333.D
 Acq: 20 Jul 2022 18:48

Tgt Ion:149 Resp: 29672
 Ion Ratio Lower Upper
 149 100
 91 115.4 59.6 89.4#
 206 9.4 18.6 28.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.863 min Scan# 30
Delta R.T. 0.024 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Instrument :
BNA_G
ClientSampleId :
TANK-O

Tgt Ion:264 Resp: 193202

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.1	17.4	26.2

