

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054332.D
 Acq On : 20 Jul 2022 18:05
 Operator : CG/JU
 Sample : N3767-03 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TANK-N

Quant Time: Jul 21 01:25:13 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)

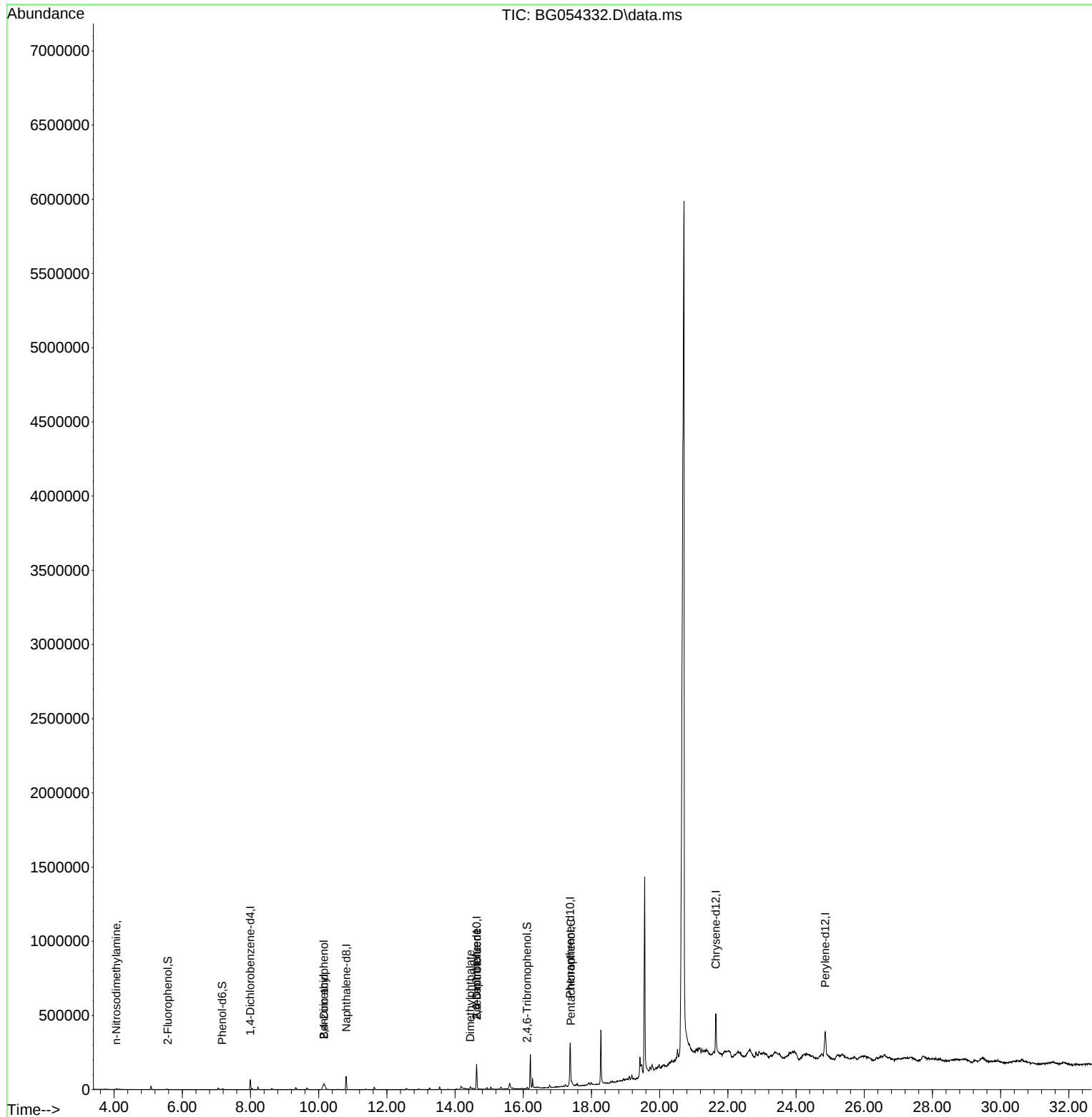
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	20791	20.000	ng	0.00
21) Naphthalene-d8	10.808	136	80797	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	65840	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	155359	20.000	ng	# 0.00
76) Chrysene-d12	21.648	240	177914	20.000	ng	# 0.00
86) Perylene-d12	24.856	264	192647	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	2171	2.180	ng	0.00
7) Phenol-d6	7.171	99	3025	2.217	ng	0.00
23) Nitrobenzene-d5	9.157	82	2133	1.438	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	3292	2.381	ng	-0.01
45) 2-Fluorobiphenyl	13.252	172	7868	1.686	ng	0.00
79) Terphenyl-d14	19.986	244	17241	1.922	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	4.063	42	2832	5.040	ng	# 1
27) 2,4-Dimethylphenol	10.156	122	29126	28.847	ng	# 1
32) Benzoic acid	10.156	122	29126	68.736	ng	# 83
50) Dimethylphthalate	14.445	163	12814	2.492	ng	# 94
51) 2,6-Dinitrotoluene	14.633	165	9195	8.152	ng	# 16
57) 2,4-Dinitrotoluene	14.633	165	9195	5.686	ng	# 21
70) Pentachlorophenol	17.395	266	1034	4.692	ng	# 77

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

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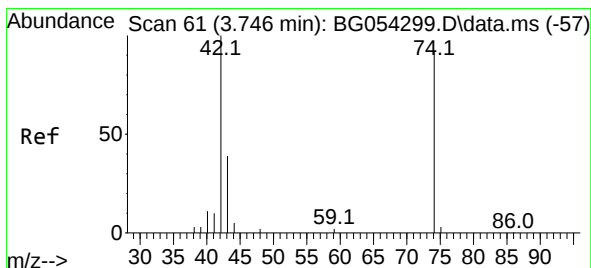
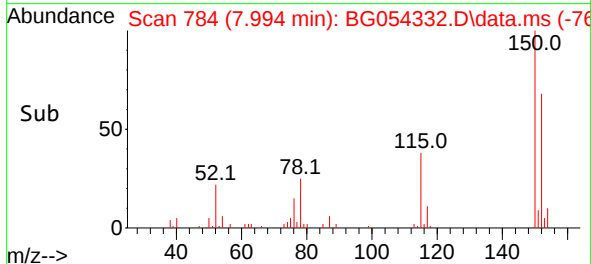
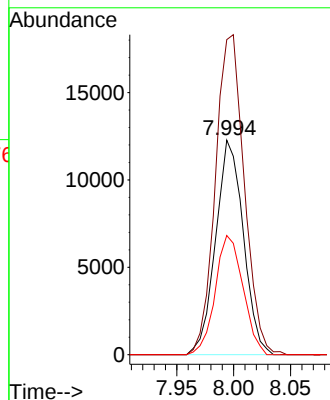
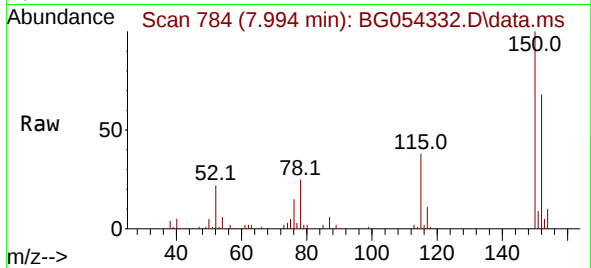




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.994 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

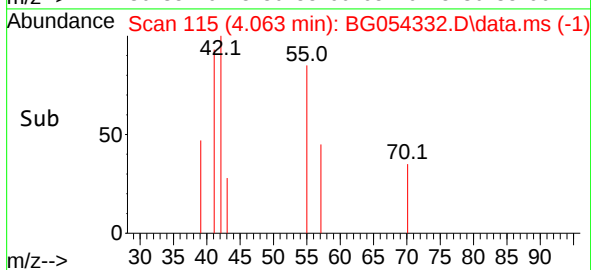
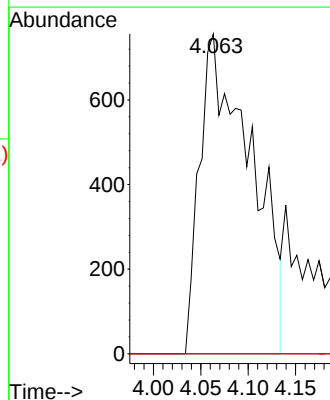
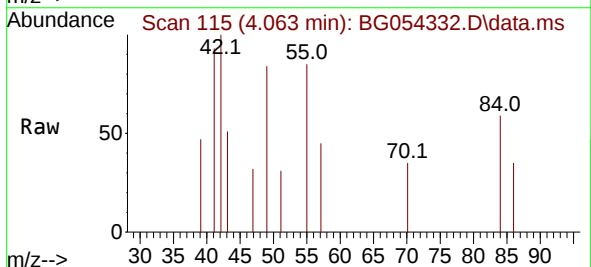
Instrument :
BNA_G
ClientSampleId :
TANK-N

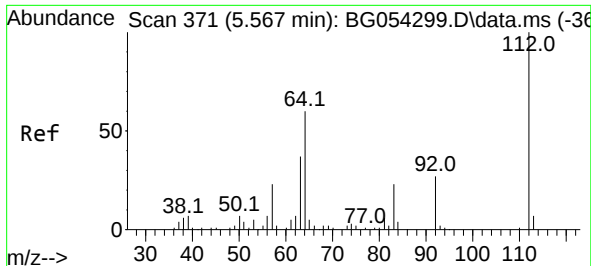
Tgt Ion:152 Resp: 20791
Ion Ratio Lower Upper
152 100
150 146.8 131.6 197.4
115 55.6 50.9 76.3



#4
n-Nitrosodimethylamine
Concen: 5.040 ng
RT: 4.063 min Scan# 115
Delta R.T. 0.317 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

Tgt Ion: 42 Resp: 2832
Ion Ratio Lower Upper
42 100
74 0.0 97.0 145.4#
44 0.0 7.0 10.4#

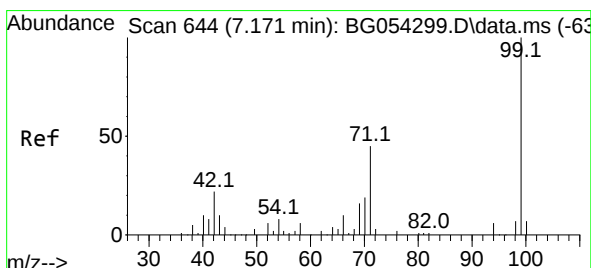
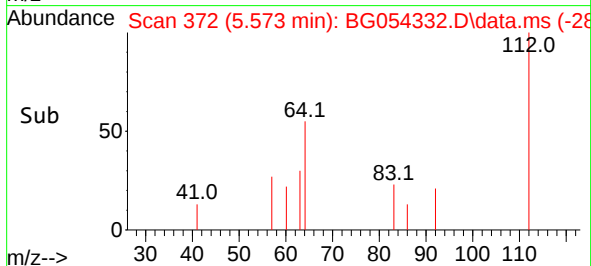
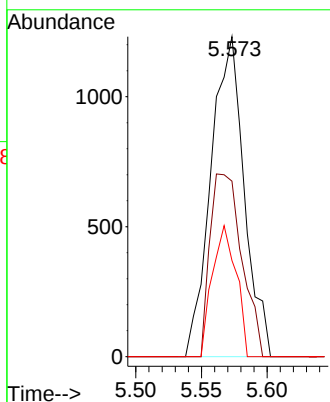
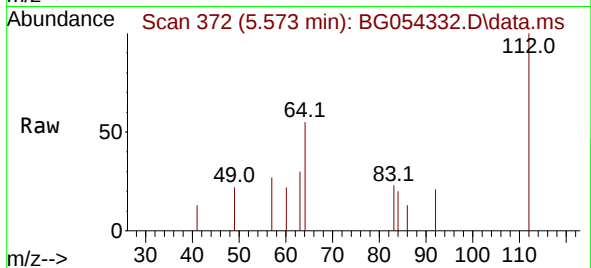




#5
2-Fluorophenol
Concen: 2.180 ng
RT: 5.573 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

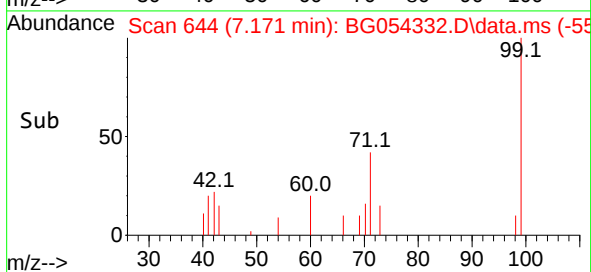
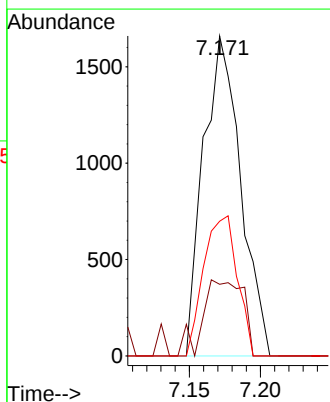
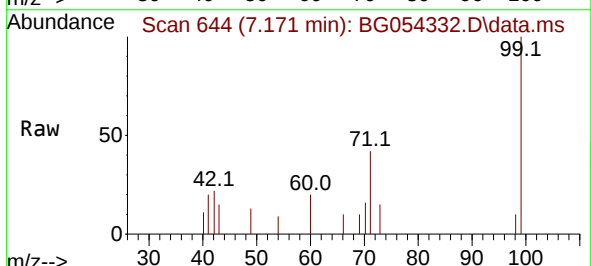
Instrument :
BNA_G
ClientSampleId :
TANK-N

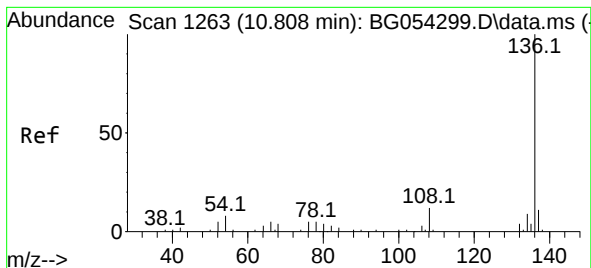
Tgt Ion:112 Resp: 2171
Ion Ratio Lower Upper
112 100
64 54.8 55.1 82.7#
63 30.1 30.4 45.6#



#7
Phenol-d6
Concen: 2.217 ng
RT: 7.171 min Scan# 644
Delta R.T. -0.000 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

Tgt Ion: 99 Resp: 3025
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 42.1 33.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.808 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG054332.D

Acq: 20 Jul 2022 18:05

Instrument :

BNA_G

ClientSampleId :

TANK-N

Tgt Ion:136 Resp: 80797

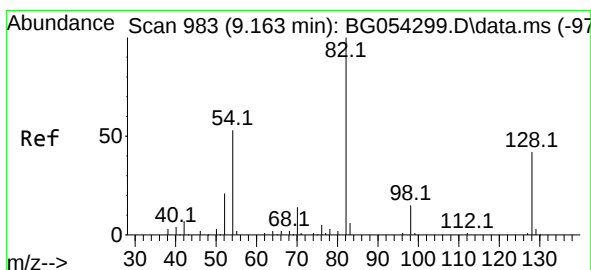
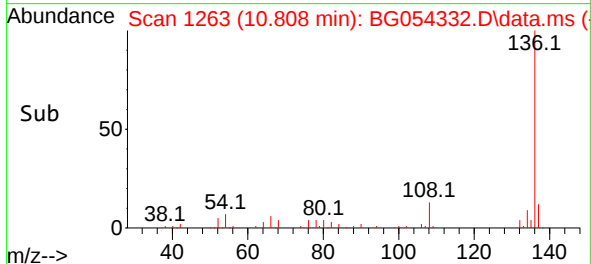
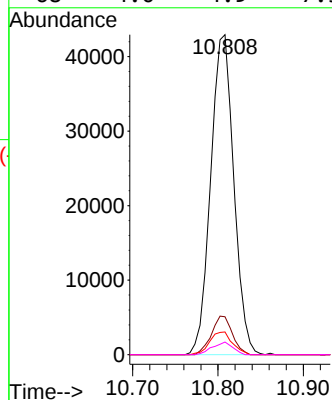
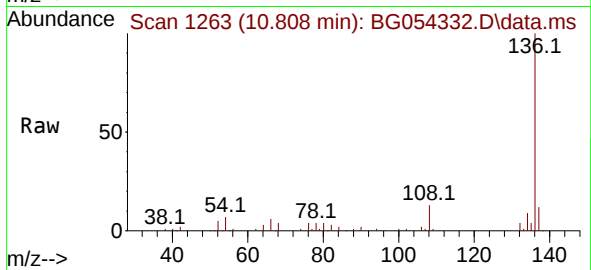
Ion Ratio Lower Upper

136 100

137 11.9 8.5 12.7

54 7.1 7.4 11.2#

68 4.0 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 1.438 ng

RT: 9.157 min Scan# 982

Delta R.T. -0.006 min

Lab File: BG054332.D

Acq: 20 Jul 2022 18:05

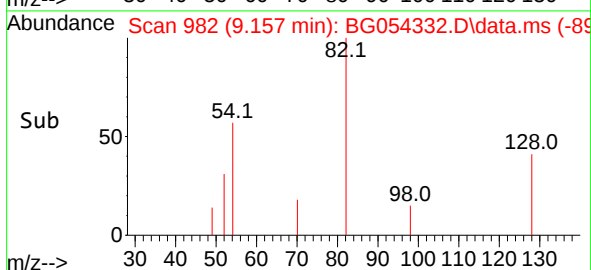
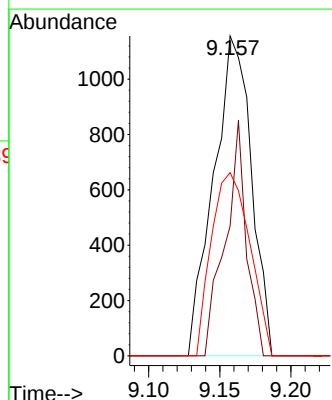
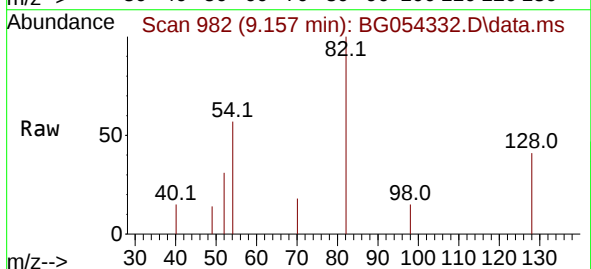
Tgt Ion: 82 Resp: 2133

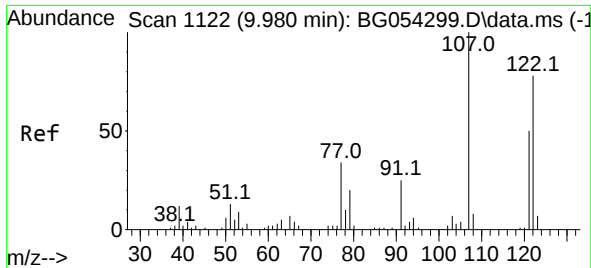
Ion Ratio Lower Upper

82 100

128 40.6 27.9 41.9

54 57.3 41.2 61.8





#27

2,4-Dimethylphenol

Concen: 28.847 ng

RT: 10.156 min Scan# 1112

Delta R.T. 0.176 min

Lab File: BG054332.D

Acq: 20 Jul 2022 18:05

Instrument :

BNA_G

ClientSampleId :

TANK-N

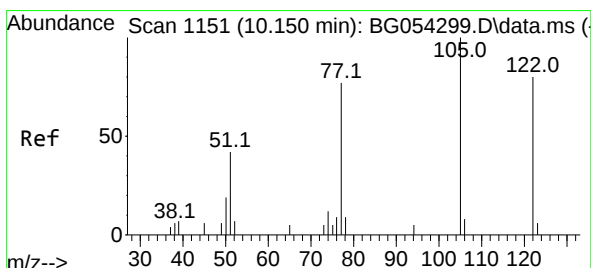
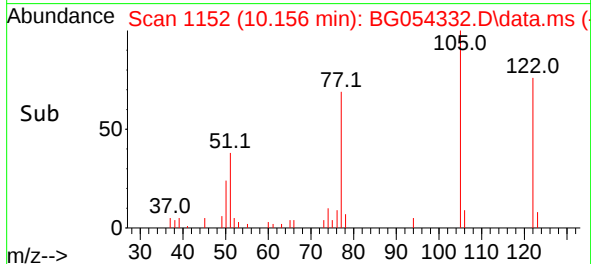
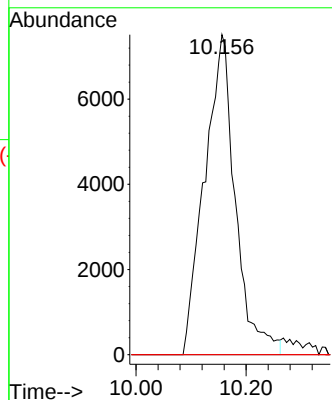
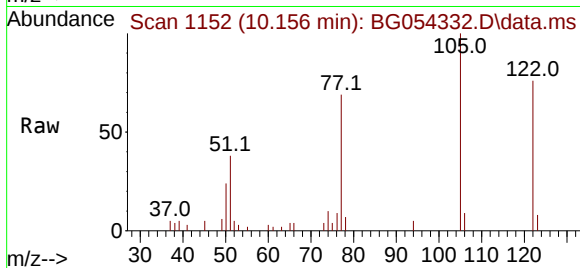
Tgt Ion:122 Resp: 29126

Ion Ratio Lower Upper

122 100

107 0.0 109.4 164.0#

121 0.0 48.7 73.1#



#32

Benzoic acid

Concen: 68.736 ng

RT: 10.156 min Scan# 1152

Delta R.T. 0.006 min

Lab File: BG054332.D

Acq: 20 Jul 2022 18:05

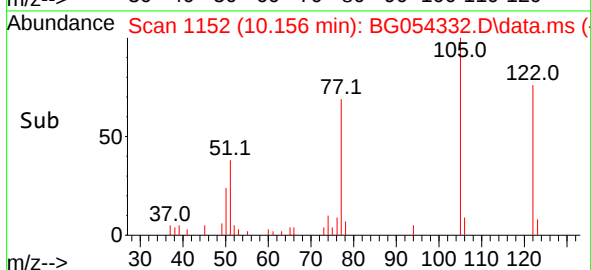
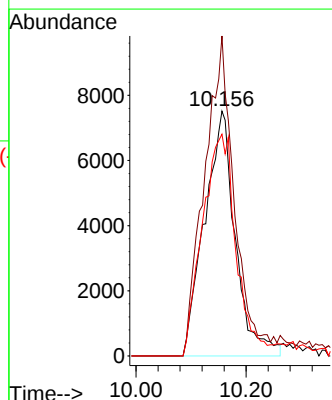
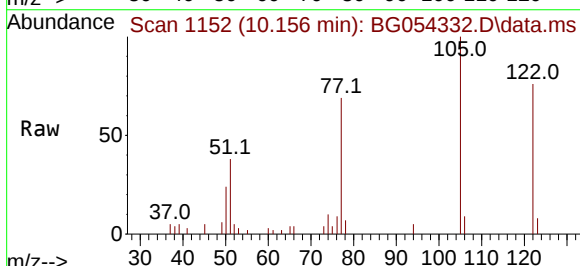
Tgt Ion:122 Resp: 29126

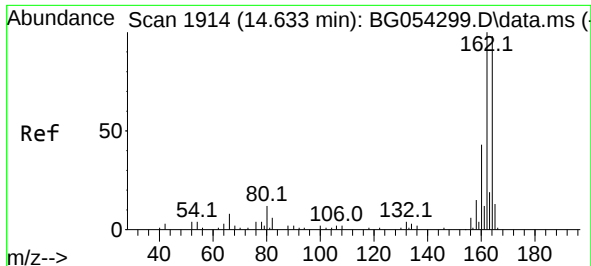
Ion Ratio Lower Upper

122 100

105 130.7 111.8 151.8

77 90.6 109.4 149.4#

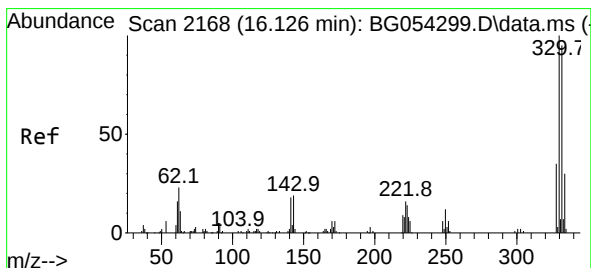
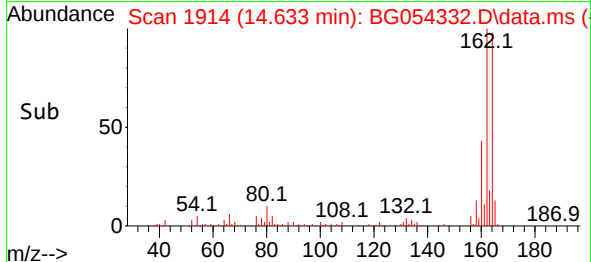
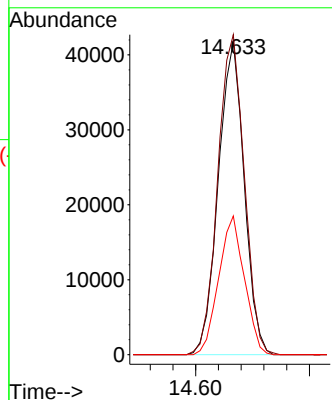
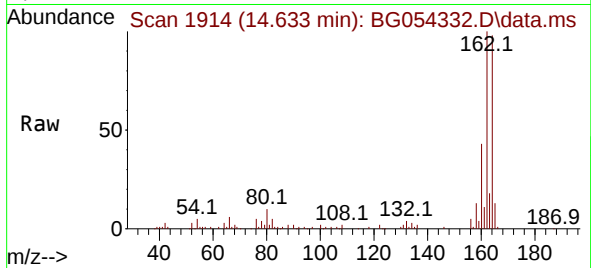




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

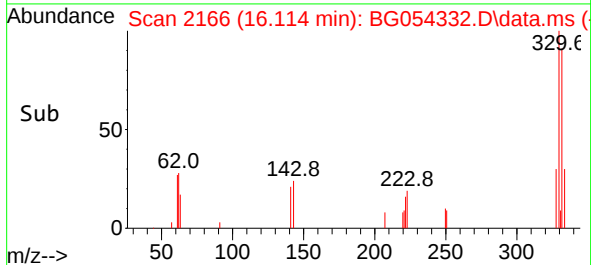
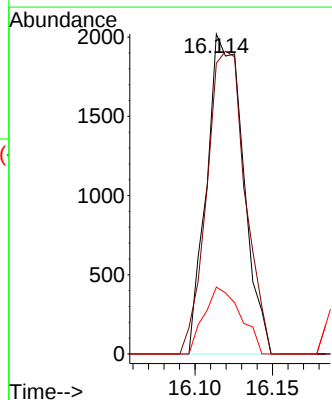
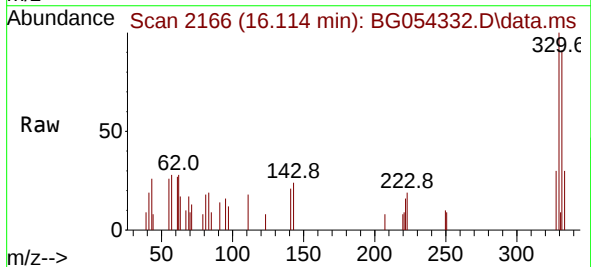
Instrument :
BNA_G
ClientSampleId :
TANK-N

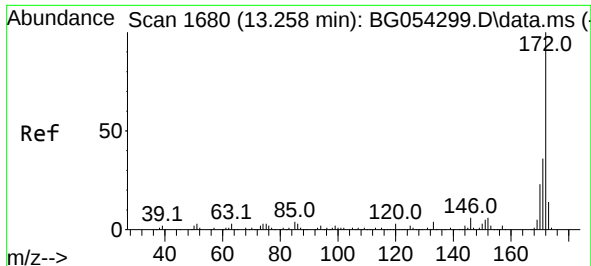
Tgt Ion:164 Resp: 65840
Ion Ratio Lower Upper
164 100
162 102.2 82.3 123.5
160 44.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 2.381 ng
RT: 16.114 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

Tgt Ion:330 Resp: 3292
Ion Ratio Lower Upper
330 100
332 99.5 76.0 114.0
141 20.9 27.1 40.7#

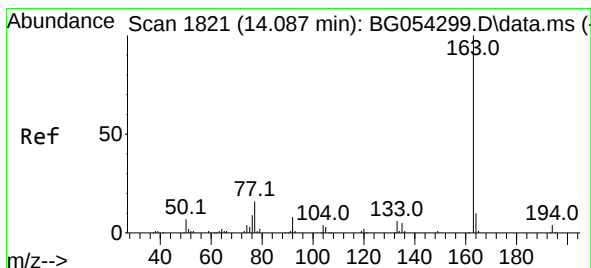
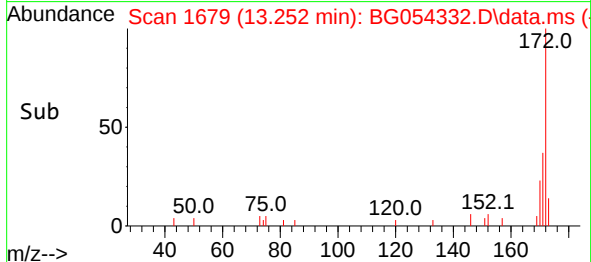
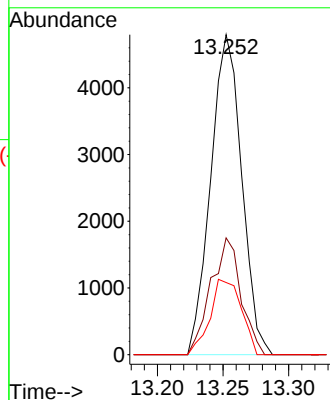
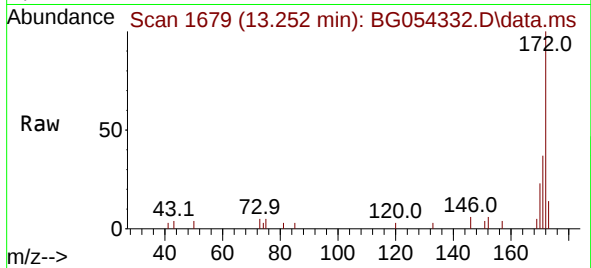




#45
2-Fluorobiphenyl
Concen: 1.686 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

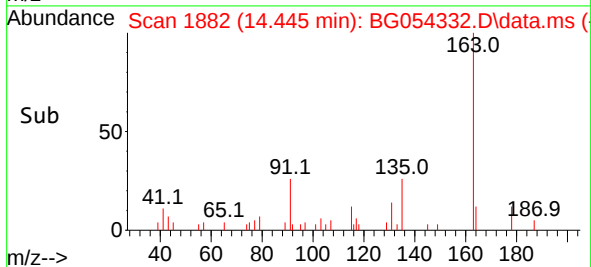
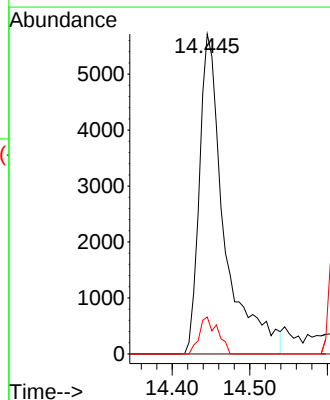
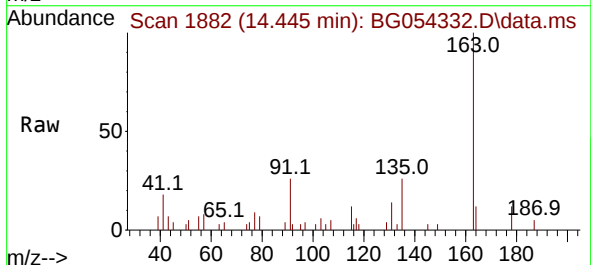
Instrument :
BNA_G
ClientSampleId :
TANK-N

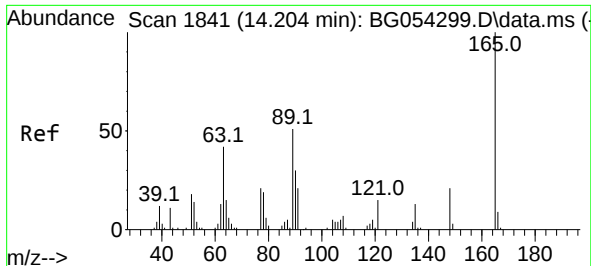
Tgt Ion:172 Resp: 7868
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 22.5 18.9 28.3



#50
Dimethylphthalate
Concen: 2.492 ng
RT: 14.445 min Scan# 1882
Delta R.T. 0.358 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

Tgt Ion:163 Resp: 12814
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 11.5 8.0 12.0

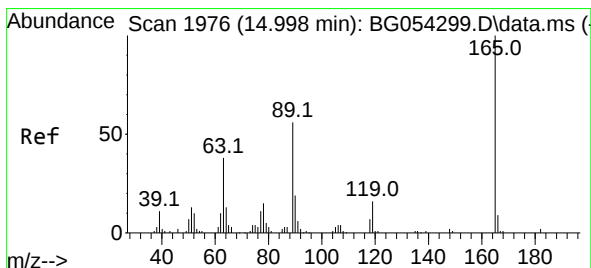
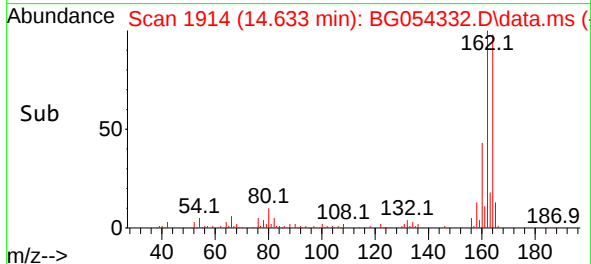
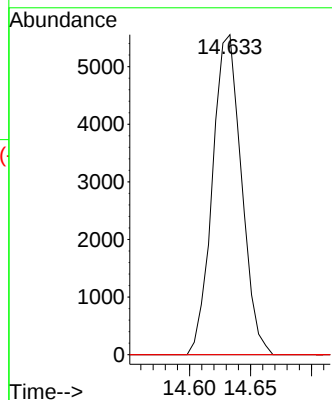
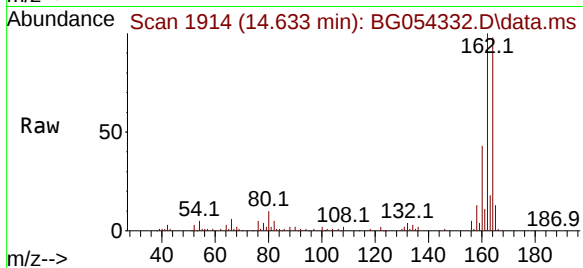




#51
2,6-Dinitrotoluene
Concen: 8.152 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.429 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

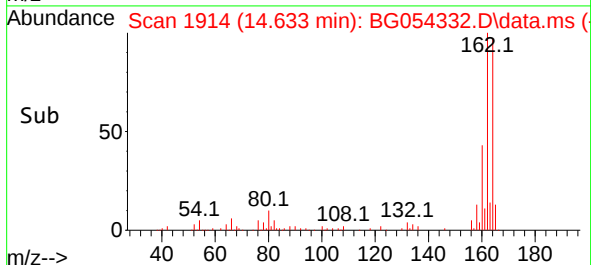
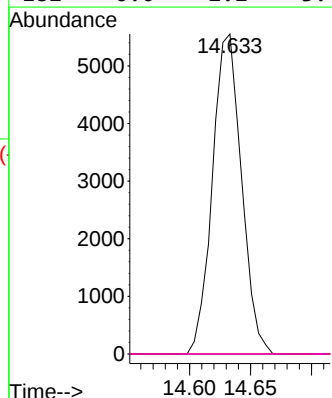
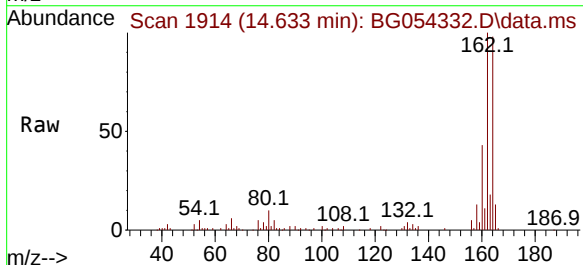
Instrument :
BNA_G
ClientSampleId :
TANK-N

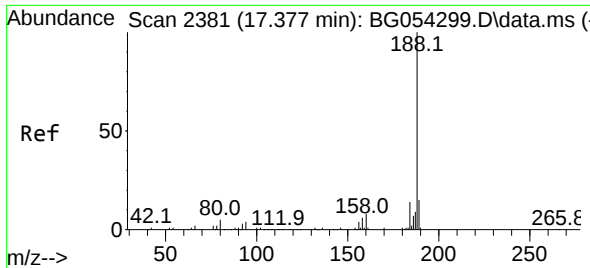
Tgt Ion:165 Resp: 9195
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.686 ng
RT: 14.633 min Scan# 1914
Delta R.T. -0.364 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

Tgt Ion:165 Resp: 9195
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#

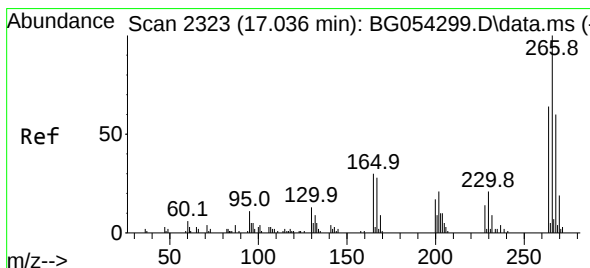
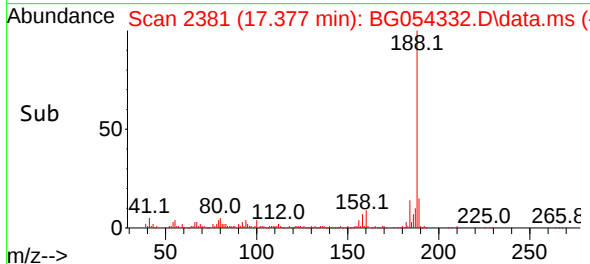
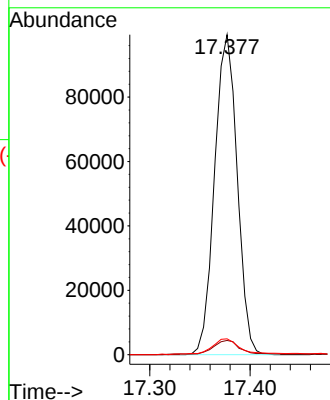
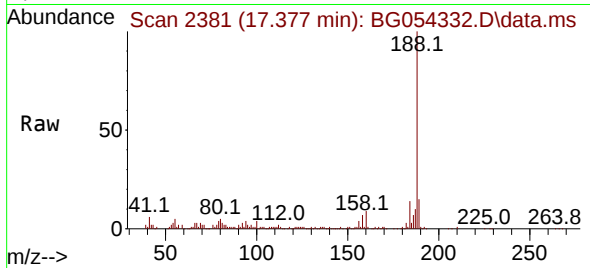




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

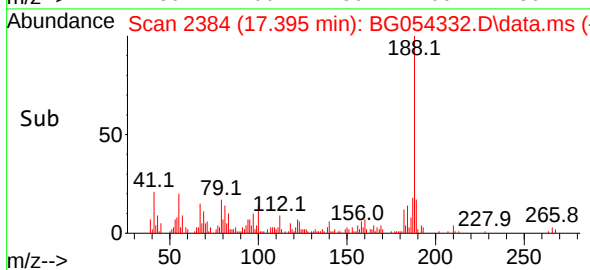
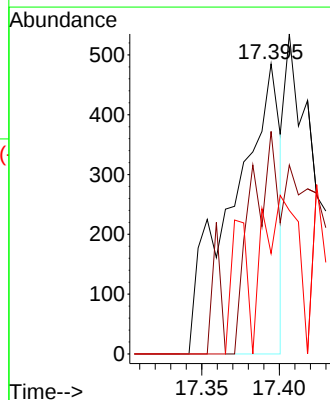
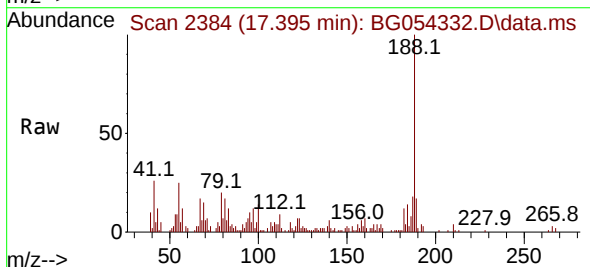
Instrument :
BNA_G
ClientSampleId :
TANK-N

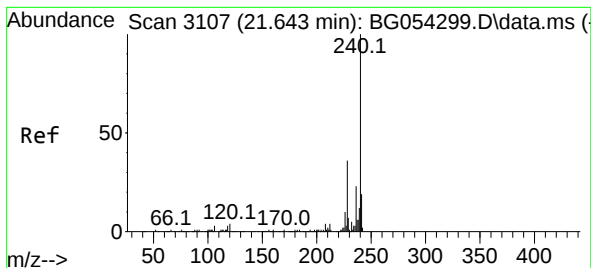
Tgt Ion:188 Resp: 155359
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 5.0 6.8 10.2#



#70
Pentachlorophenol
Concen: 4.692 ng
RT: 17.395 min Scan# 2384
Delta R.T. 0.359 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

Tgt Ion:266 Resp: 1034
Ion Ratio Lower Upper
266 100
268 76.7 56.2 84.2
264 34.6 53.0 79.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3107

Delta R.T. 0.005 min

Lab File: BG054332.D

Acq: 20 Jul 2022 18:05

Instrument :

BNA_G

ClientSampleId :

TANK-N

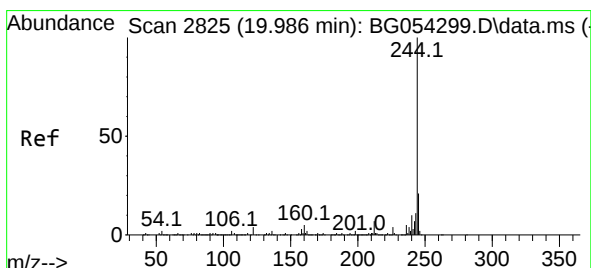
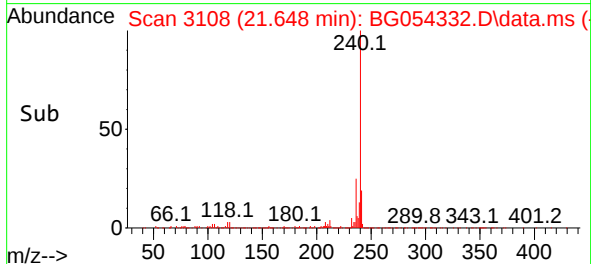
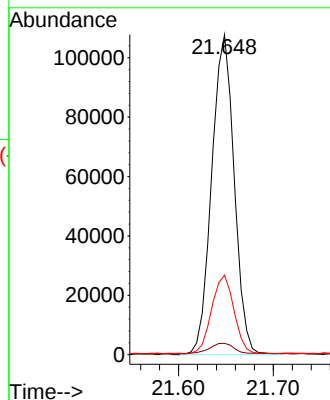
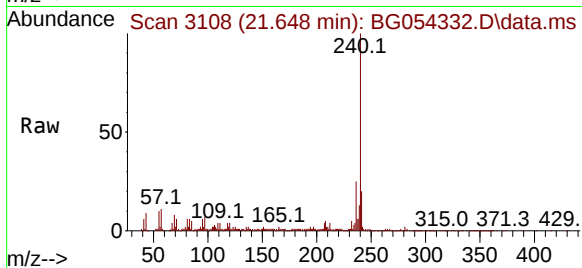
Tgt Ion:240 Resp: 177914

Ion Ratio Lower Upper

240 100

120 3.6 4.6 7.0#

236 24.9 20.2 30.4



#79

Terphenyl-d14

Concen: 1.922 ng

RT: 19.986 min Scan# 2825

Delta R.T. -0.000 min

Lab File: BG054332.D

Acq: 20 Jul 2022 18:05

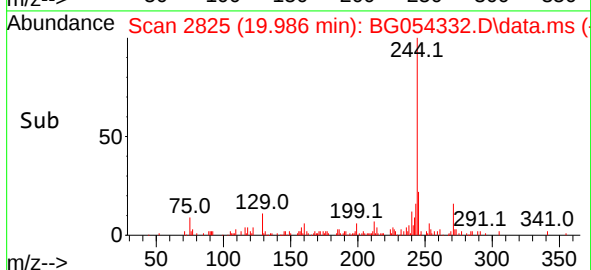
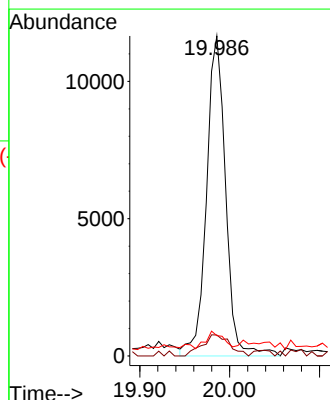
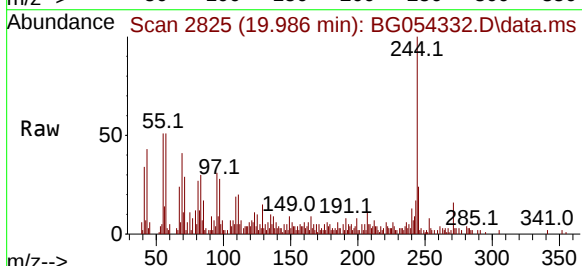
Tgt Ion:244 Resp: 17241

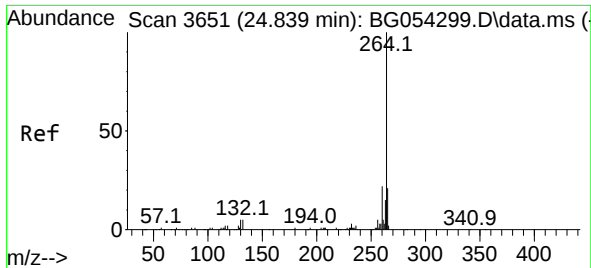
Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7

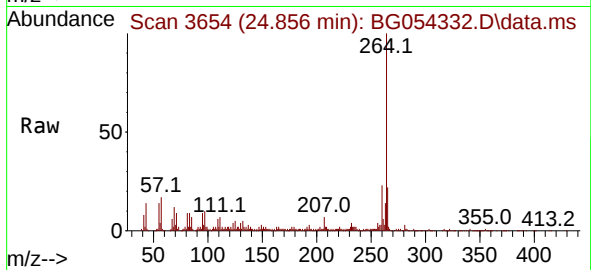
122 6.3 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.856 min Scan# 30
Delta R.T. 0.018 min
Lab File: BG054332.D
Acq: 20 Jul 2022 18:05

Instrument :
BNA_G
ClientSampleId :
TANK-N



Tgt Ion:	264	Resp:	192647
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.0	28.6
265	22.4	17.4	26.2

