

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054334.D
 Acq On : 20 Jul 2022 19:31
 Operator : CG/JU
 Sample : N3767-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TANK-M

Quant Time: Jul 21 01:25:30 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)

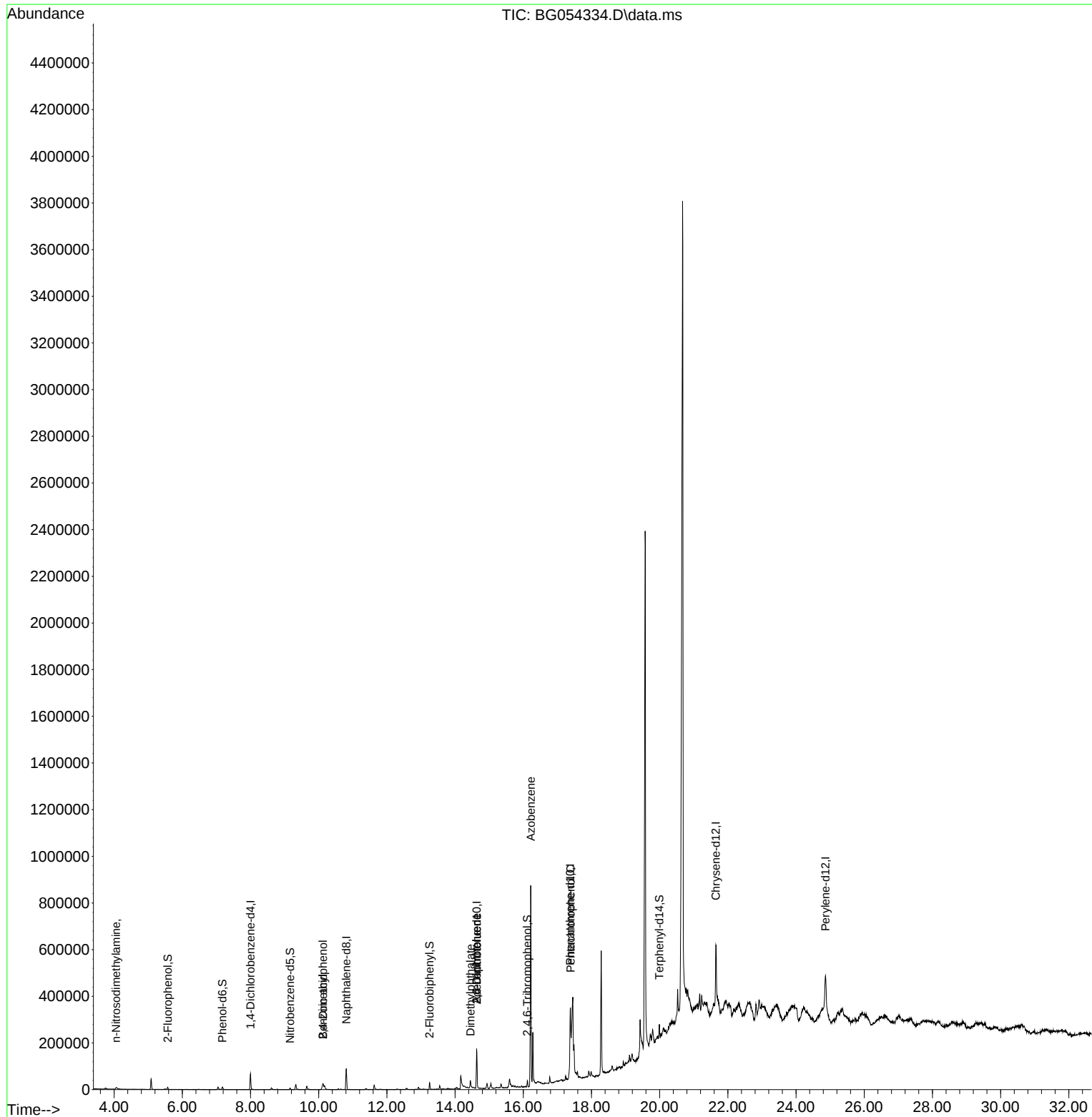
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	20257	20.000	ng	0.00
21) Naphthalene-d8	10.809	136	81953	20.000	ng	# 0.00
39) Acenaphthene-d10	14.634	164	64932	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	150117	20.000	ng	# 0.00
76) Chrysene-d12	21.649	240	175280	20.000	ng	# 0.00
86) Perylene-d12	24.863	264	188956	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.574	112	4755	4.901	ng	0.00
7) Phenol-d6	7.178	99	6156	4.631	ng	0.00
23) Nitrobenzene-d5	9.163	82	4652	3.091	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	7554	5.541	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	17176	3.732	ng	0.00
79) Terphenyl-d14	19.992	244	34191	3.870	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	4.058	42	4882	8.917	ng	# 1
27) 2,4-Dimethylphenol	10.127	122	15425	15.062	ng	# 1
32) Benzoic acid	10.127	122	15425	39.553	ng	# 77
50) Dimethylphthalate	14.451	163	20943	4.129	ng	# 96
51) 2,6-Dinitrotoluene	14.634	165	9221	8.289	ng	# 17
57) 2,4-Dinitrotoluene	14.634	165	9221	5.782	ng	# 22
63) Azobenzene	16.220	77	19483	5.542	ng	74
70) Pentachlorophenol	17.389	266	571	4.302	ng	90

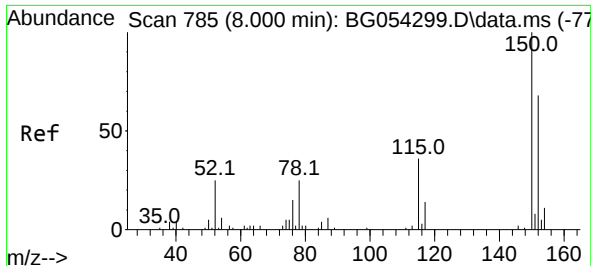
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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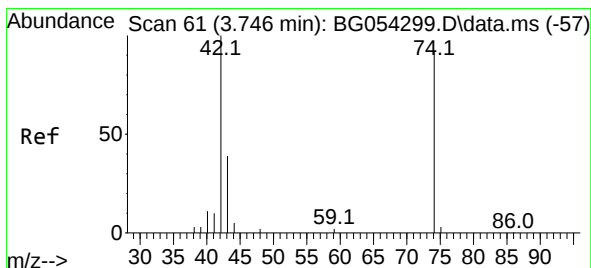
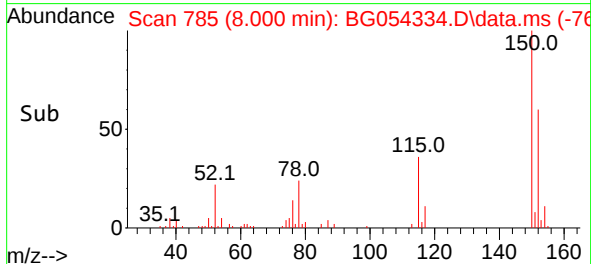
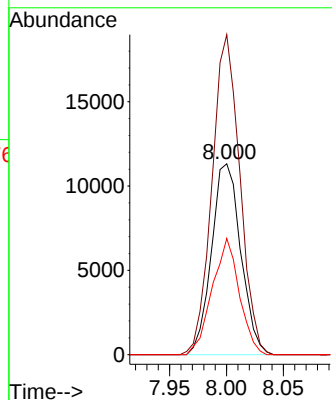
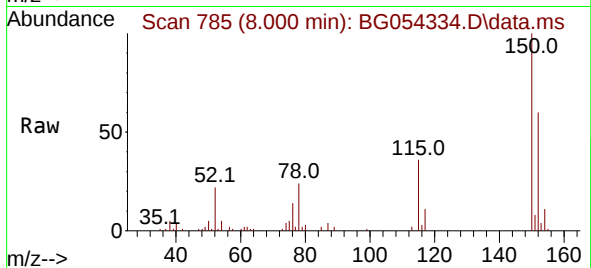




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.000 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG054334.D
Acq: 20 Jul 2022 19:31

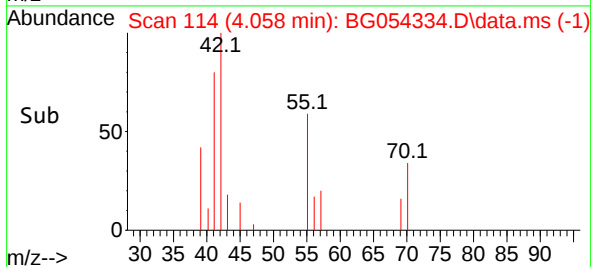
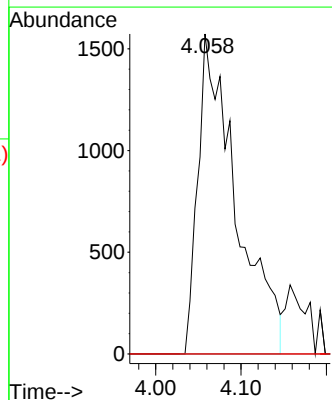
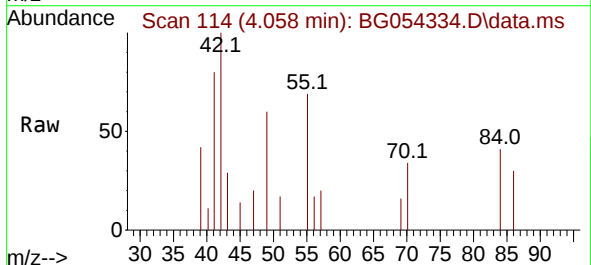
Instrument :
BNA_G
ClientSampleId :
TANK-M

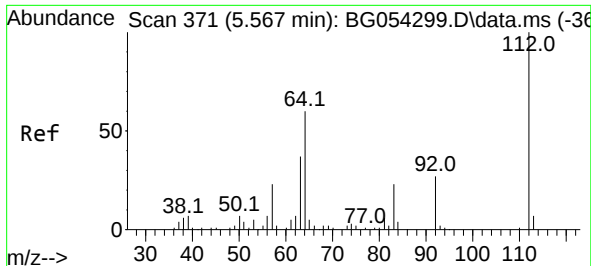
Tgt Ion:152 Resp: 20257
Ion Ratio Lower Upper
152 100
150 167.6 131.6 197.4
115 60.8 50.9 76.3



#4
n-Nitrosodimethylamine
Concen: 8.917 ng
RT: 4.058 min Scan# 114
Delta R.T. 0.312 min
Lab File: BG054334.D
Acq: 20 Jul 2022 19:31

Tgt Ion: 42 Resp: 4882
Ion Ratio Lower Upper
42 100
74 0.0 97.0 145.4#
44 0.0 7.0 10.4#

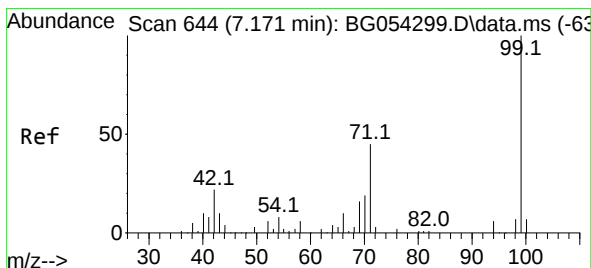
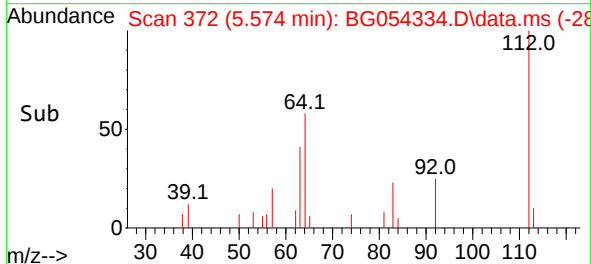
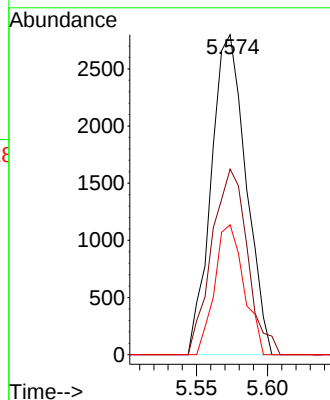
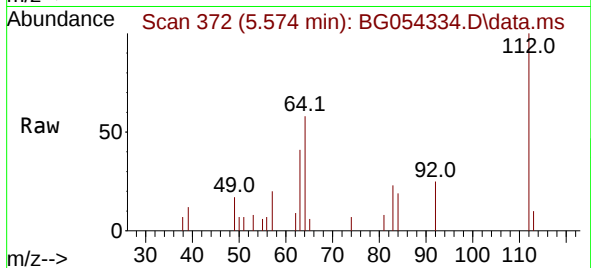




#5
2-Fluorophenol
Concen: 4.901 ng
RT: 5.574 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG054334.D
Acq: 20 Jul 2022 19:31

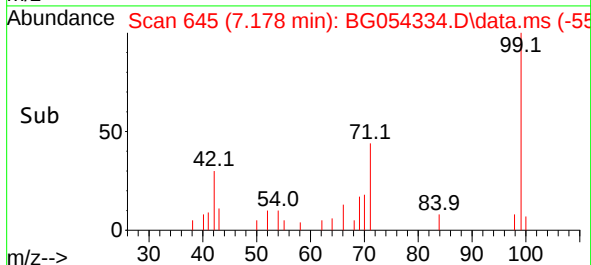
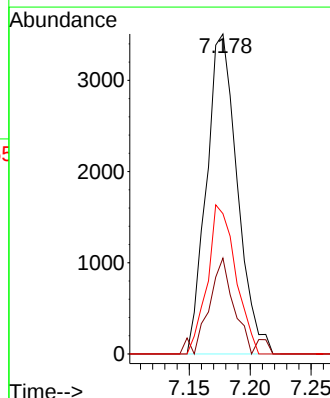
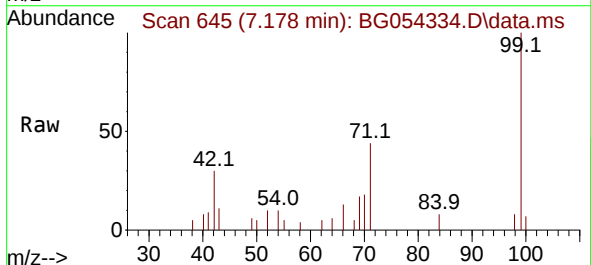
Instrument :
BNA_G
ClientSampleId :
TANK-M

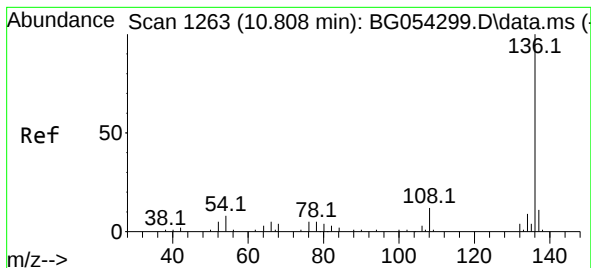
Tgt Ion:112 Resp: 4755
Ion Ratio Lower Upper
112 100
64 58.0 55.1 82.7
63 40.6 30.4 45.6



#7
Phenol-d6
Concen: 4.631 ng
RT: 7.178 min Scan# 645
Delta R.T. 0.006 min
Lab File: BG054334.D
Acq: 20 Jul 2022 19:31

Tgt Ion: 99 Resp: 6156
Ion Ratio Lower Upper
99 100
42 29.9 17.0 25.6#
71 43.9 33.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.809 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG054334.D

Acq: 20 Jul 2022 19:31

Instrument :

BNA_G

ClientSampleId :

TANK-M

Tgt Ion:136 Resp: 81953

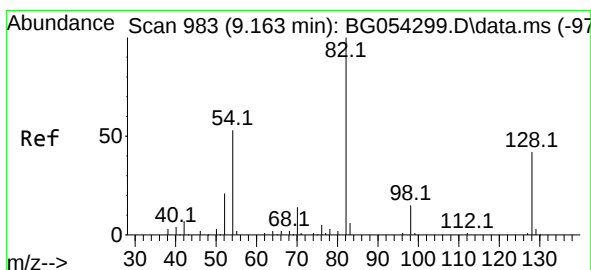
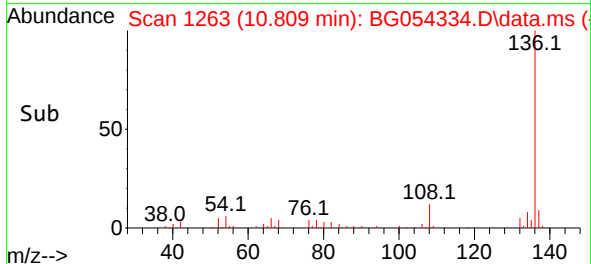
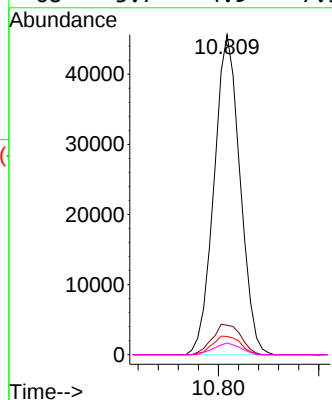
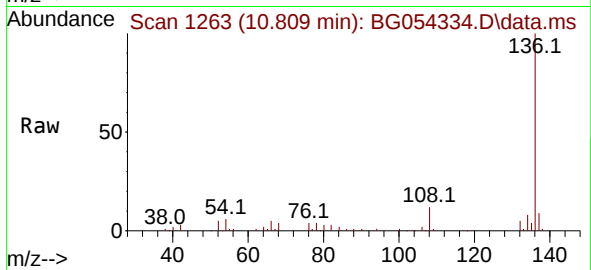
Ion Ratio Lower Upper

136 100

137 9.2 8.5 12.7

54 5.7 7.4 11.2#

68 3.7 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 3.091 ng

RT: 9.163 min Scan# 983

Delta R.T. 0.000 min

Lab File: BG054334.D

Acq: 20 Jul 2022 19:31

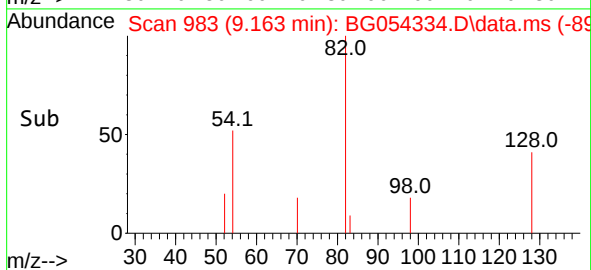
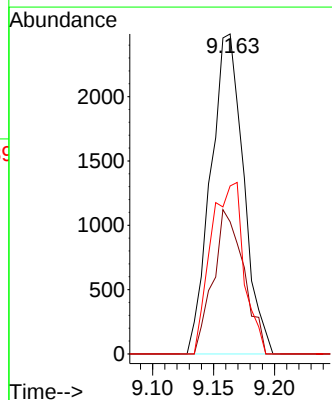
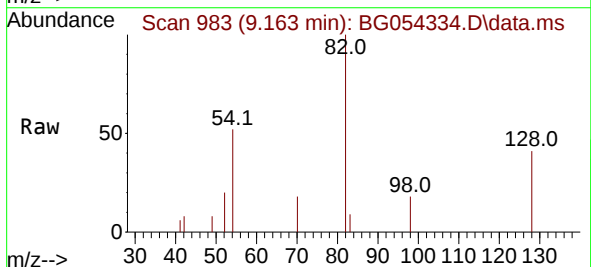
Tgt Ion: 82 Resp: 4652

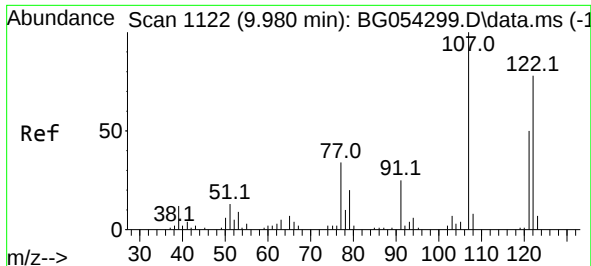
Ion Ratio Lower Upper

82 100

128 41.3 27.9 41.9

54 52.5 41.2 61.8





#27

2,4-Dimethylphenol

Concen: 15.062 ng

RT: 10.127 min Scan# 1147

Delta R.T. 0.147 min

Lab File: BG054334.D

Acq: 20 Jul 2022 19:31

Instrument :

BNA_G

ClientSampleId :

TANK-M

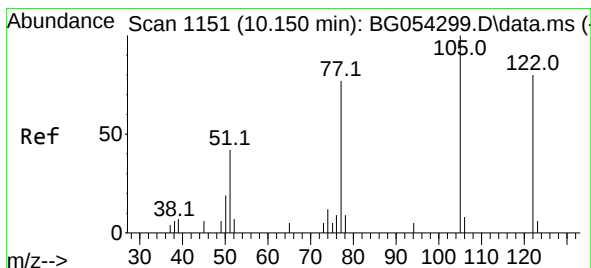
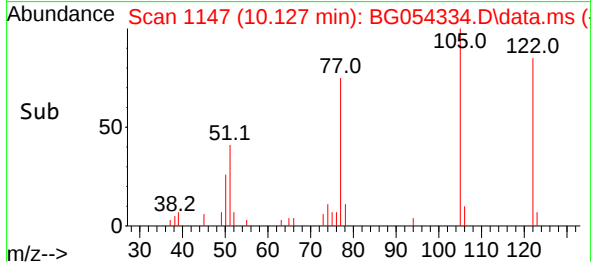
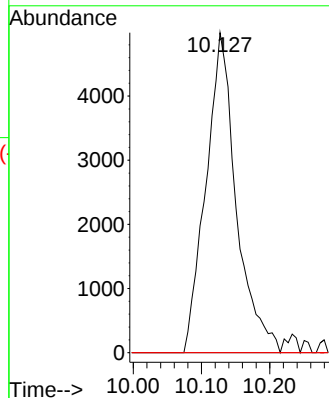
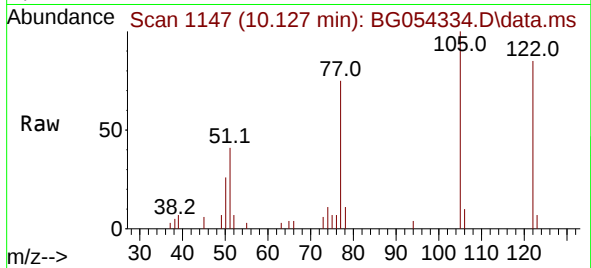
Tgt Ion:122 Resp: 15425

Ion Ratio Lower Upper

122 100

107 0.0 109.4 164.0#

121 0.0 48.7 73.1#



#32

Benzoic acid

Concen: 39.553 ng

RT: 10.127 min Scan# 1147

Delta R.T. -0.023 min

Lab File: BG054334.D

Acq: 20 Jul 2022 19:31

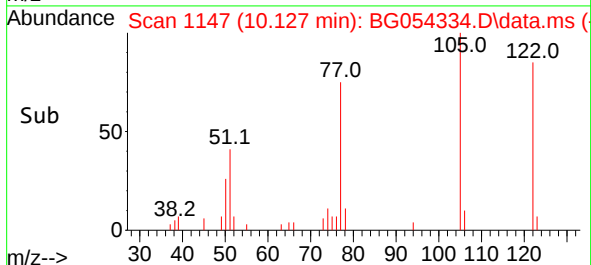
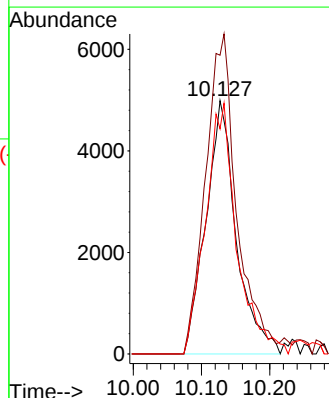
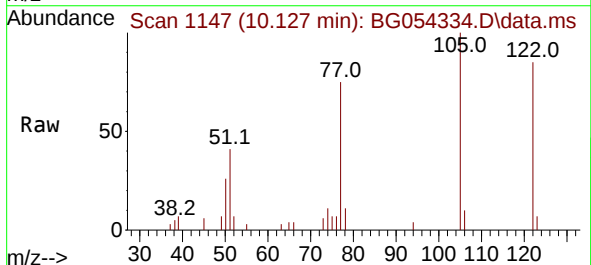
Tgt Ion:122 Resp: 15425

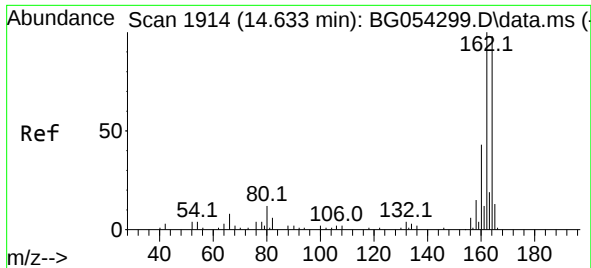
Ion Ratio Lower Upper

122 100

105 118.0 111.8 151.8

77 88.9 109.4 149.4#

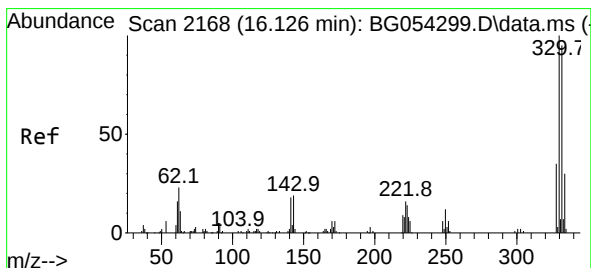
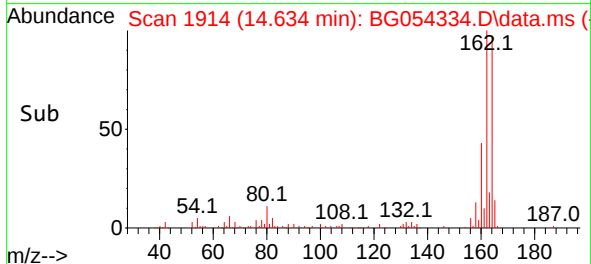
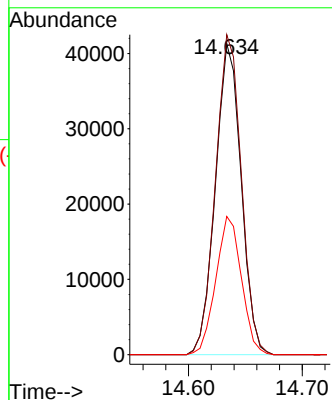
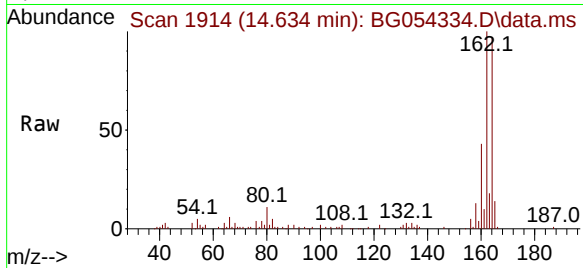




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.634 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BG054334.D
Acq: 20 Jul 2022 19:31

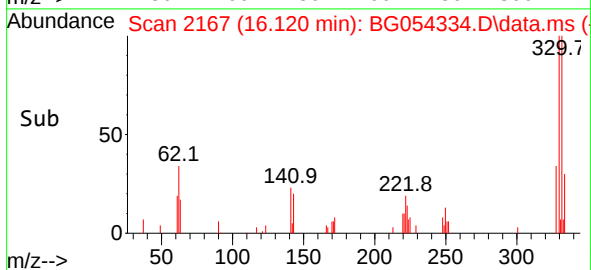
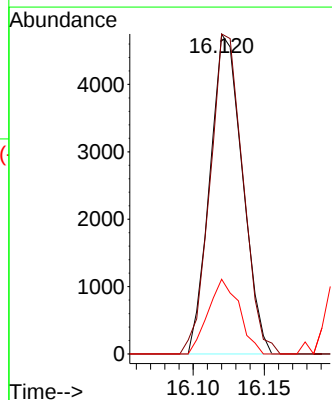
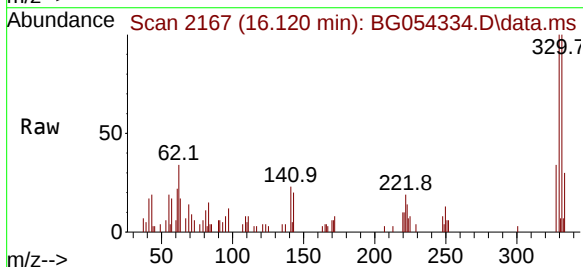
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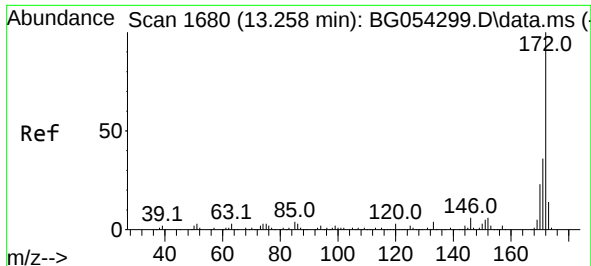
Tgt Ion:164 Resp: 64932
Ion Ratio Lower Upper
164 100
162 102.9 82.3 123.5
160 44.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 5.541 ng
RT: 16.120 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG054334.D
Acq: 20 Jul 2022 19:31

Tgt Ion:330 Resp: 7554
Ion Ratio Lower Upper
330 100
332 100.7 76.0 114.0
141 22.3 27.1 40.7#

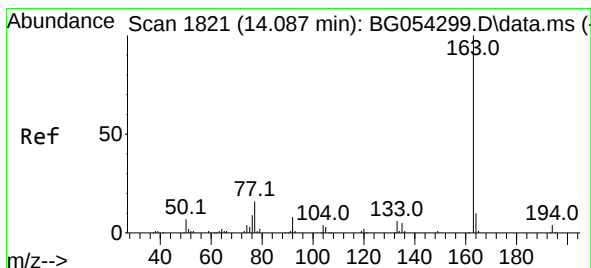
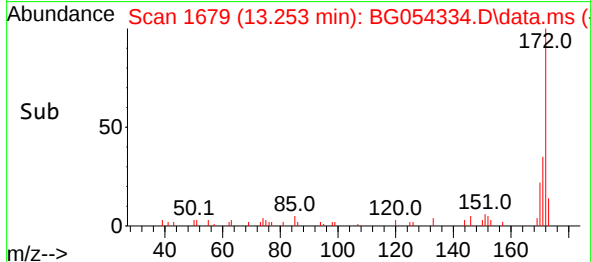
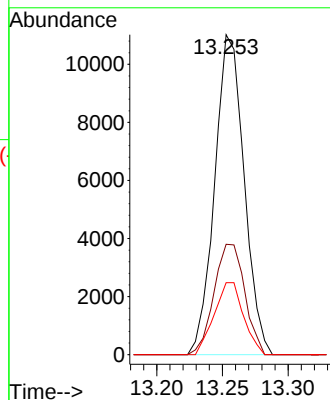
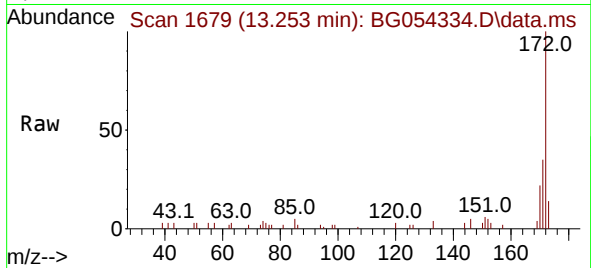




#45
2-Fluorobiphenyl
Concen: 3.732 ng
RT: 13.253 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054334.D
Acq: 20 Jul 2022 19:31

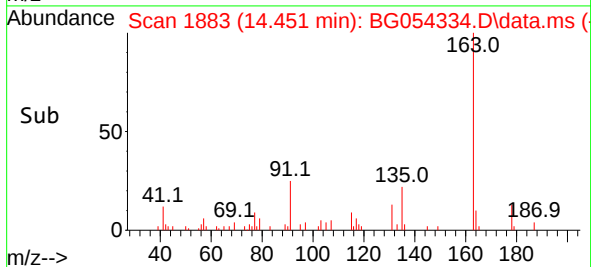
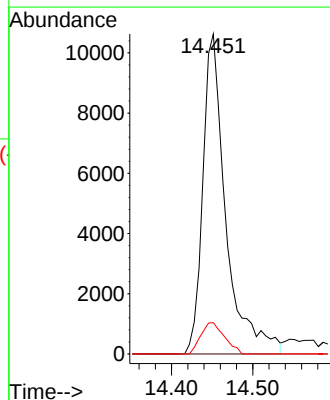
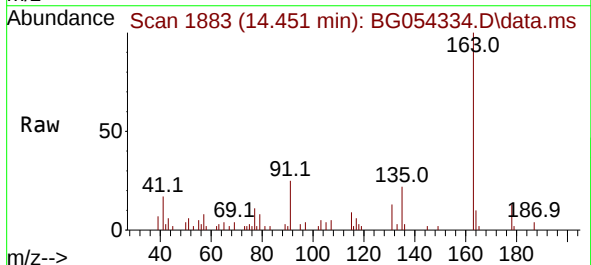
Instrument :
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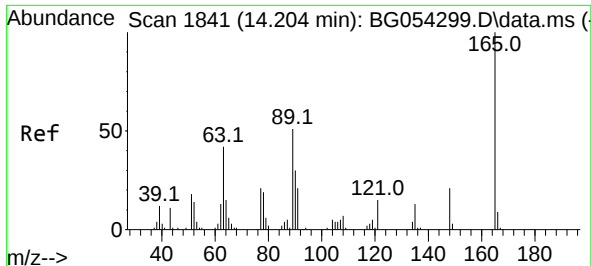
Tgt Ion:	172	Resp:	17176
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.5	18.9	28.3



#50
Dimethylphthalate
Concen: 4.129 ng
RT: 14.451 min Scan# 1883
Delta R.T. 0.365 min
Lab File: BG054334.D
Acq: 20 Jul 2022 19:31

Tgt Ion:	163	Resp:	20943
Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	9.8	8.0	12.0

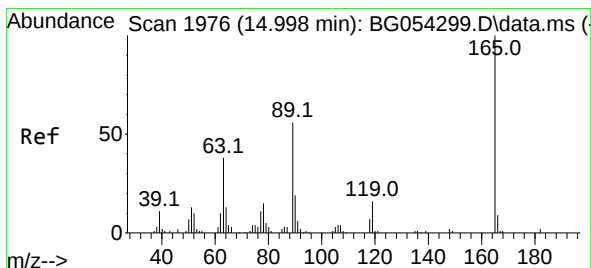
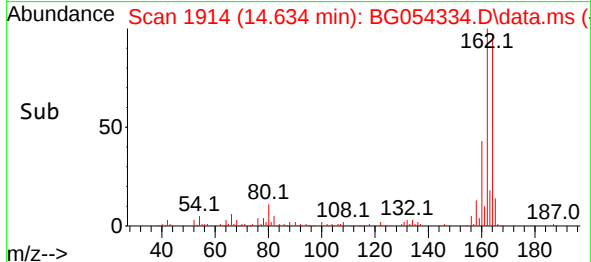
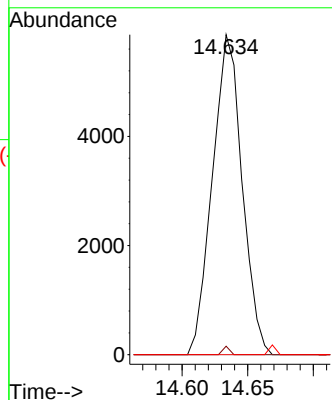
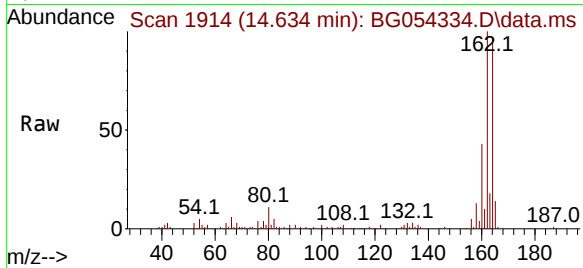




#51
2,6-Dinitrotoluene
Concen: 8.289 ng
RT: 14.634 min Scan# 1914
Delta R.T. 0.429 min
Lab File: BG054334.D
Acq: 20 Jul 2022 19:31

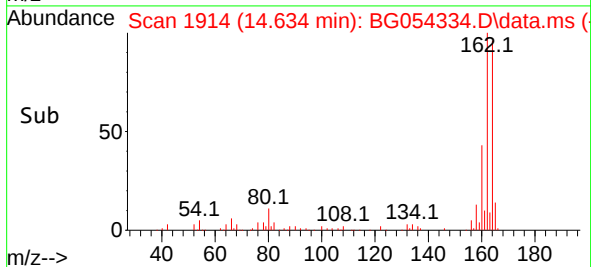
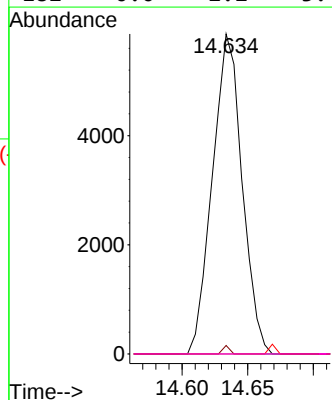
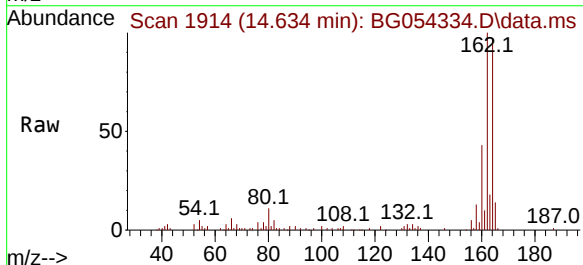
Instrument :
BNA_G
ClientSampleId :
TANK-M

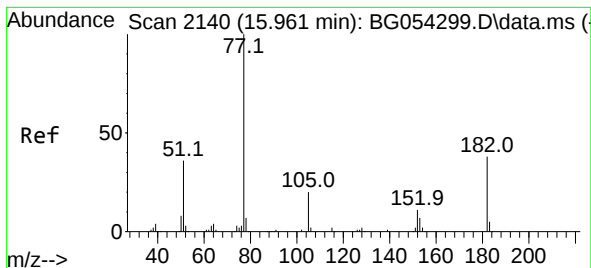
Tgt Ion:165 Resp: 9221
Ion Ratio Lower Upper
165 100
63 2.7 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.782 ng
RT: 14.634 min Scan# 1914
Delta R.T. -0.364 min
Lab File: BG054334.D
Acq: 20 Jul 2022 19:31

Tgt Ion:165 Resp: 9221
Ion Ratio Lower Upper
165 100
63 2.7 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 5.542 ng

RT: 16.220 min Scan# 2140

Delta R.T. 0.259 min

Lab File: BG054334.D

Acq: 20 Jul 2022 19:31

Instrument :

BNA_G

ClientSampleId :

TANK-M

Tgt Ion: 77 Resp: 19483

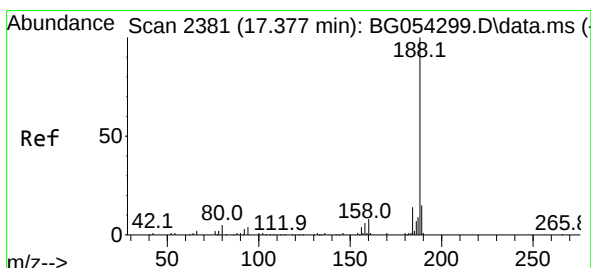
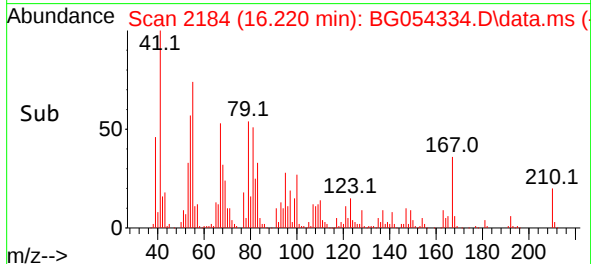
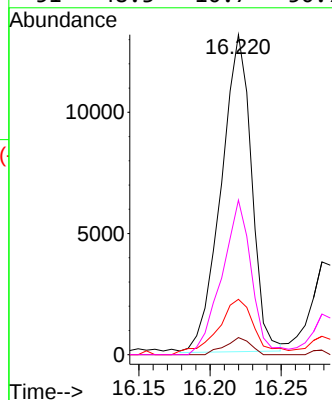
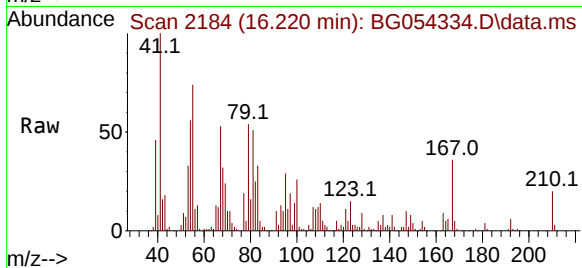
Ion Ratio Lower Upper

77 100

182 5.4 3.8 43.8

105 17.3 0.0 37.8

51 48.3 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.377 min Scan# 2381

Delta R.T. 0.000 min

Lab File: BG054334.D

Acq: 20 Jul 2022 19:31

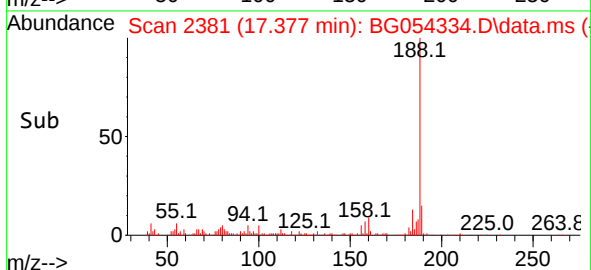
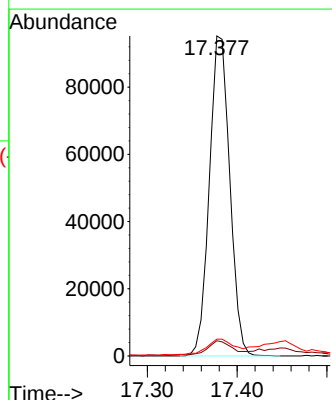
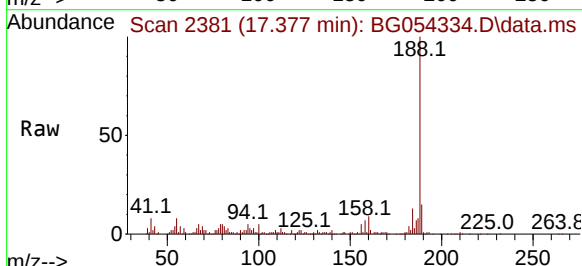
Tgt Ion:188 Resp: 150117

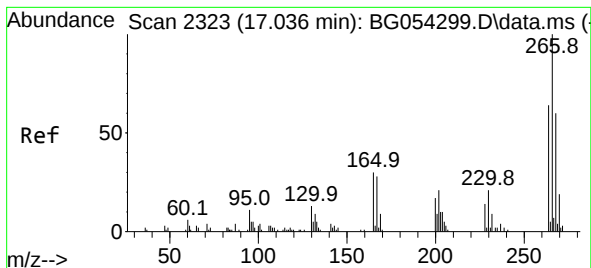
Ion Ratio Lower Upper

188 100

94 4.8 5.4 8.0#

80 5.3 6.8 10.2#





#70

Pentachlorophenol

Concen: 4.302 ng

RT: 17.389 min Scan# 21

Delta R.T. 0.353 min

Lab File: BG054334.D

Acq: 20 Jul 2022 19:31

Instrument :

BNA_G

ClientSampleId :

TANK-M

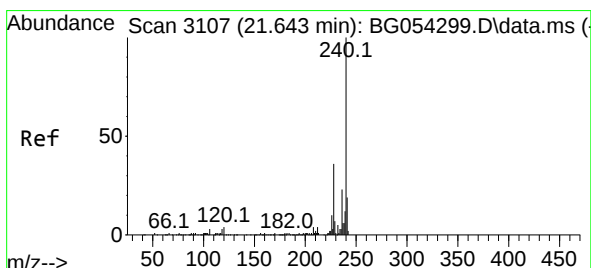
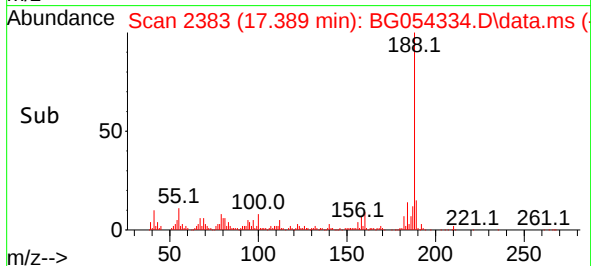
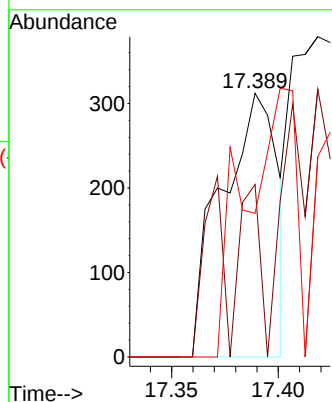
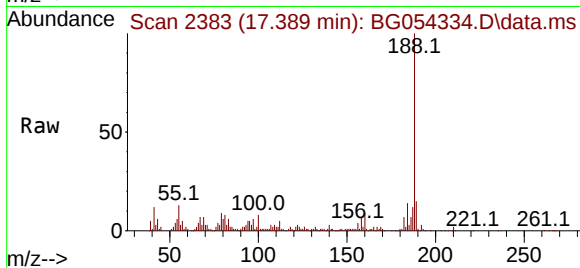
Tgt Ion:266 Resp: 571

Ion Ratio Lower Upper

266 100

268 65.4 56.2 84.2

264 54.5 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: BG054334.D

Acq: 20 Jul 2022 19:31

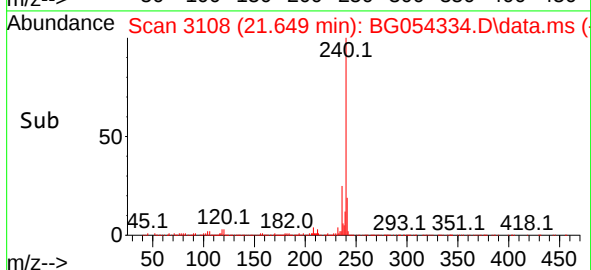
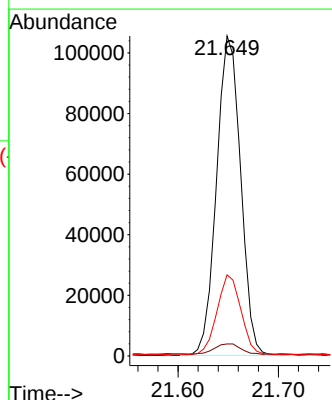
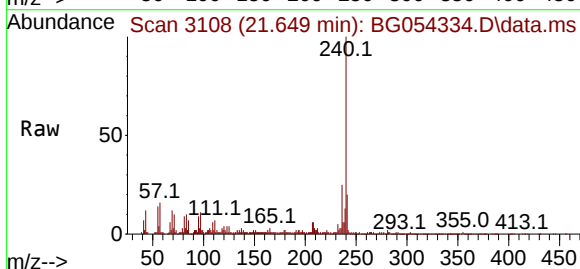
Tgt Ion:240 Resp: 175280

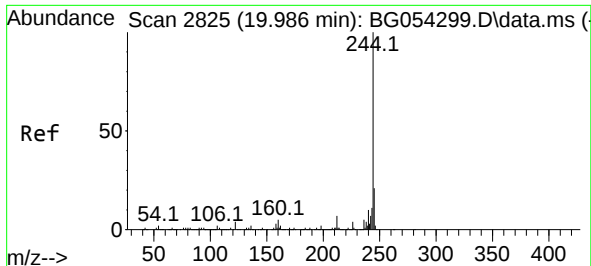
Ion Ratio Lower Upper

240 100

120 3.7 4.6 7.0#

236 25.4 20.2 30.4

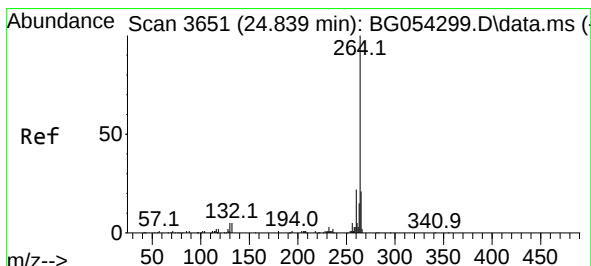
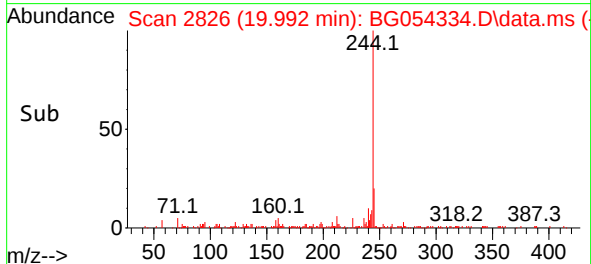
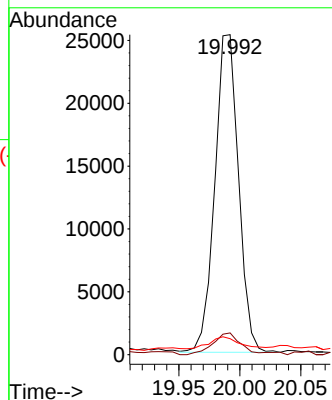
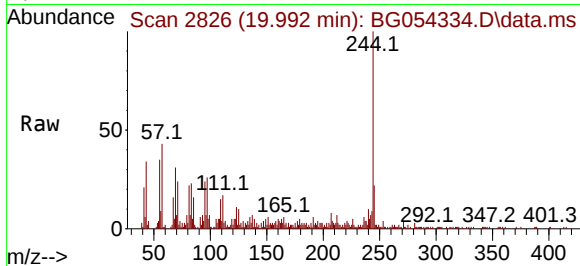




#79
 Terphenyl-d14
 Concen: 3.870 ng
 RT: 19.992 min Scan# 2826
 Delta R.T. 0.006 min
 Lab File: BG054334.D
 Acq: 20 Jul 2022 19:31

Instrument :
 BNA_G
 ClientSampleId :
 TANK-M

Tgt Ion:244 Resp: 34191
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 5.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.863 min Scan# 3655
 Delta R.T. 0.024 min
 Lab File: BG054334.D
 Acq: 20 Jul 2022 19:31

Tgt Ion:264 Resp: 188956
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.3 17.4 26.2

