

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
 Data File : BG054634.D
 Acq On : 14 Aug 2022 15:56
 Operator : CG/JU
 Sample : N4185-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP4

Quant Time: Aug 15 04:19:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

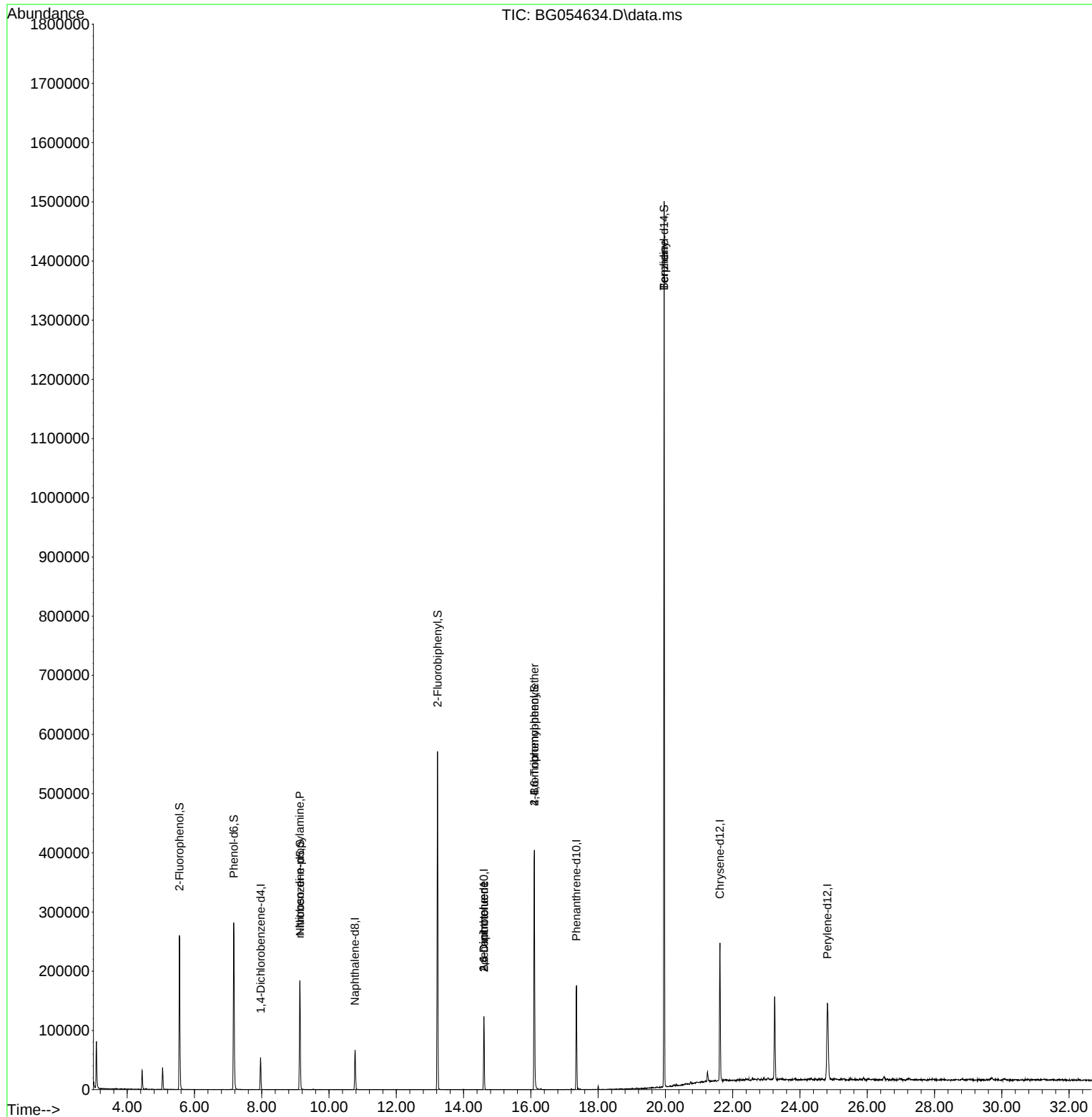
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	17044	20.000	ng	0.00
21) Naphthalene-d8	10.774	136	63032	20.000	ng	# 0.00
39) Acenaphthene-d10	14.605	164	47314	20.000	ng	0.00
64) Phenanthrene-d10	17.354	188	129795	20.000	ng	# 0.00
76) Chrysene-d12	21.620	240	165659	20.000	ng	# 0.00
86) Perylene-d12	24.816	264	166896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	119006	145.782	ng	0.00
7) Phenol-d6	7.166	99	165927	148.338	ng	0.00
23) Nitrobenzene-d5	9.135	82	115416	99.715	ng	0.00
42) 2,4,6-Tribromophenol	16.103	330	112622	113.368	ng	0.00
45) 2-Fluorobiphenyl	13.224	172	326517	97.353	ng	0.00
79) Terphenyl-d14	19.963	244	821209	98.342	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.166	77	187	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.129	70	16342	21.878	ng	# 84
51) 2,6-Dinitrotoluene	14.605	165	6579	8.116	ng	# 16
57) 2,4-Dinitrotoluene	14.605	165	6579	5.661	ng	# 21
67) 4-Bromophenyl-phenylether	16.103	248	7017	3.849	ng	# 1
77) Benzidine	19.963	184	10680	3.560	ng	# 92

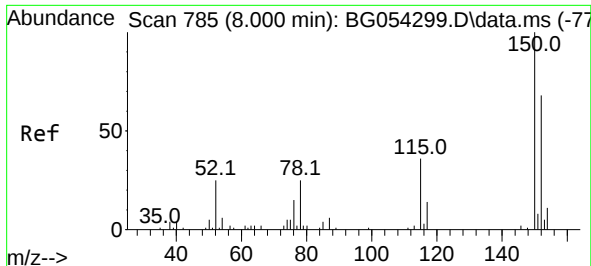
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
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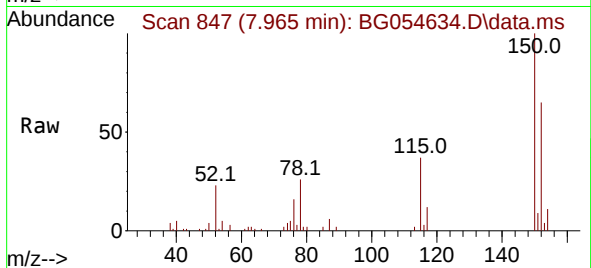
Quant Time: Aug 15 04:19:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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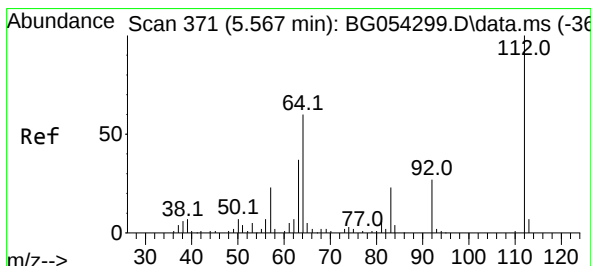
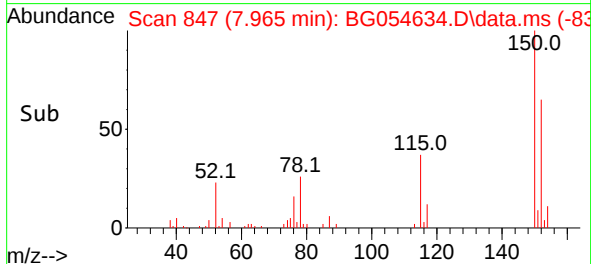
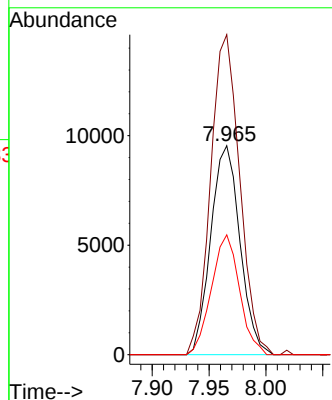


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.965 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

Instrument :
BNA_G
ClientSampleId :
COMP4

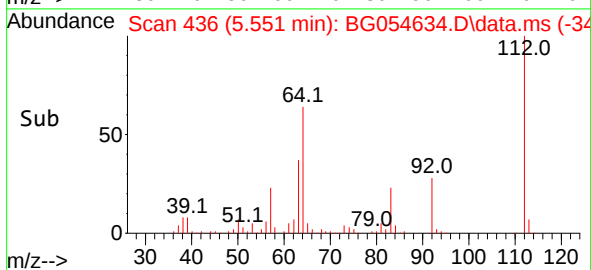
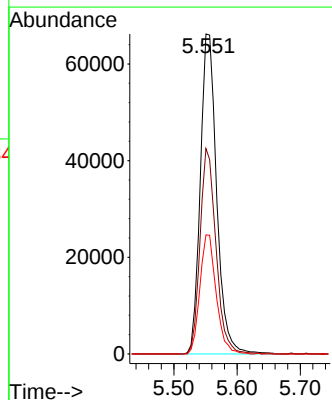
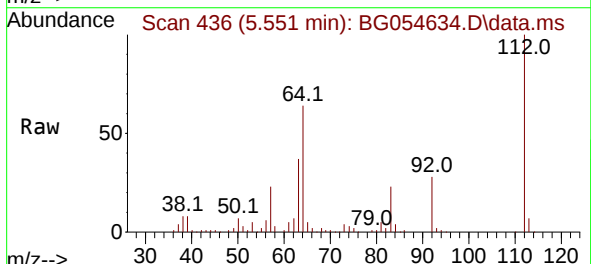


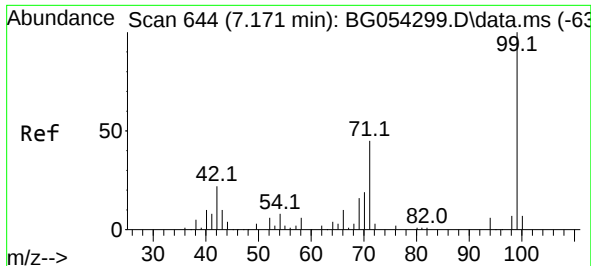
Tgt Ion:152 Resp: 17044
Ion Ratio Lower Upper
152 100
150 153.2 131.6 197.4
115 57.3 50.9 76.3



#5
2-Fluorophenol
Concen: 145.782 ng
RT: 5.551 min Scan# 436
Delta R.T. -0.002 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

Tgt Ion:112 Resp: 119006
Ion Ratio Lower Upper
112 100
64 64.2 55.1 82.7
63 37.2 30.4 45.6

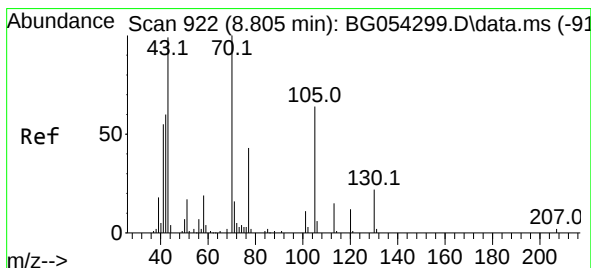
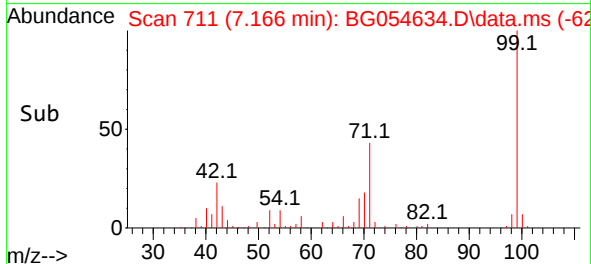
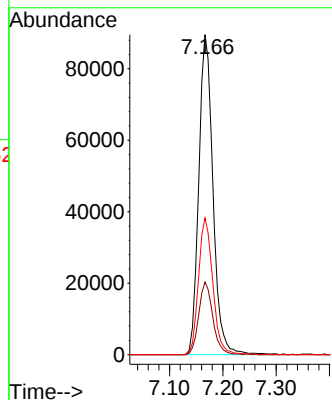
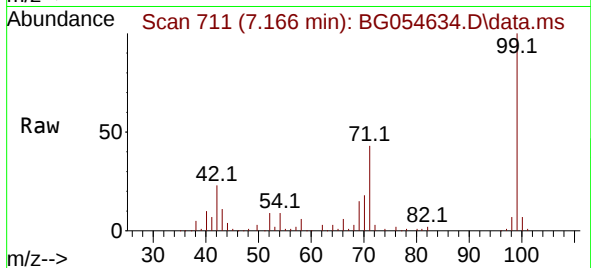




#7
Phenol-d6
Concen: 148.338 ng
RT: 7.166 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

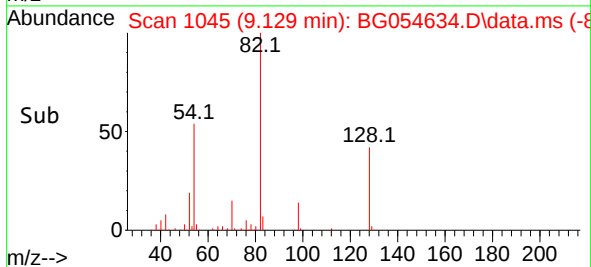
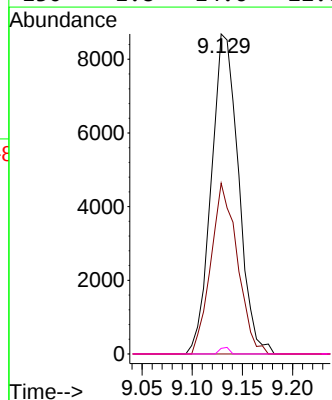
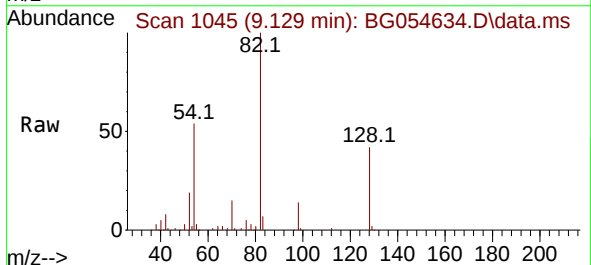
Instrument :
BNA_G
ClientSampleId :
COMP4

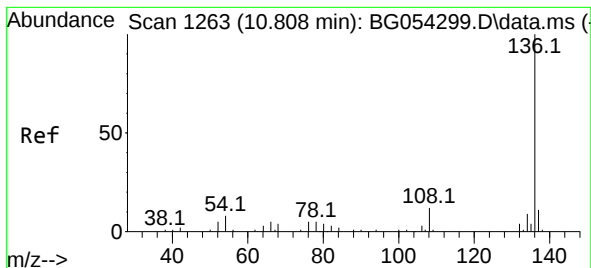
Tgt Ion: 99 Resp: 165927
Ion Ratio Lower Upper
99 100
42 22.7 17.0 25.6
71 42.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.878 ng
RT: 9.129 min Scan# 1045
Delta R.T. 0.350 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

Tgt Ion: 70 Resp: 16342
Ion Ratio Lower Upper
70 100
42 53.3 47.3 70.9
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.774 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG054634.D

Acq: 14 Aug 2022 15:56

Instrument :

BNA_G

ClientSampleId :

COMP4

Tgt Ion:136 Resp: 63032

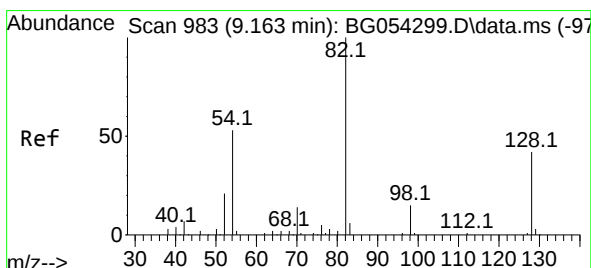
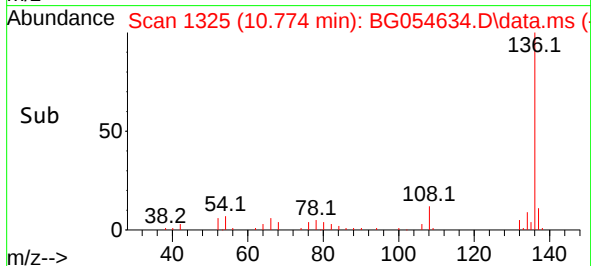
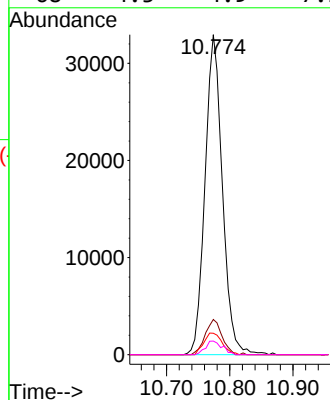
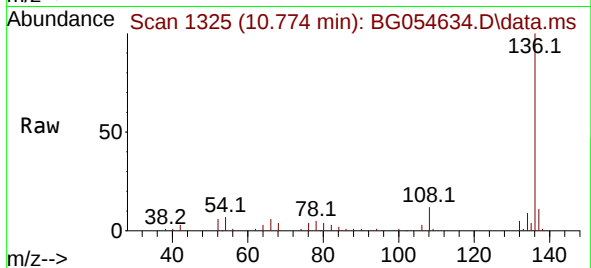
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.7 7.4 11.2#

68 4.3 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 99.715 ng

RT: 9.135 min Scan# 1046

Delta R.T. -0.002 min

Lab File: BG054634.D

Acq: 14 Aug 2022 15:56

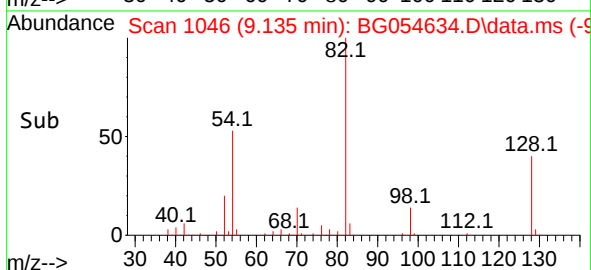
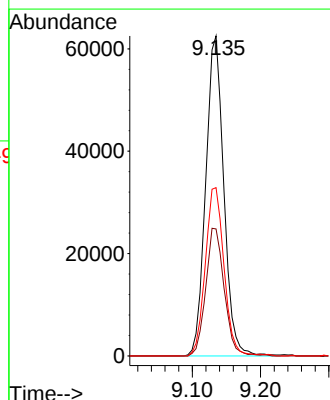
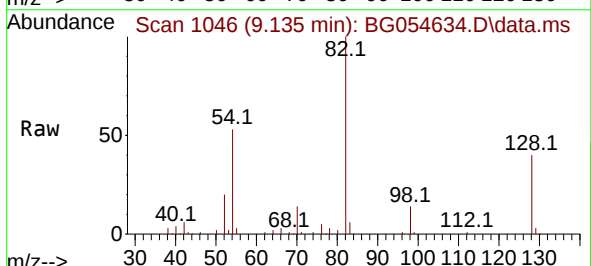
Tgt Ion: 82 Resp: 115416

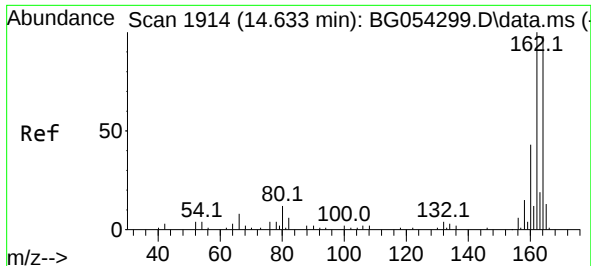
Ion Ratio Lower Upper

82 100

128 39.7 27.9 41.9

54 52.6 41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.605 min Scan# 1914

Delta R.T. -0.002 min

Lab File: BG054634.D

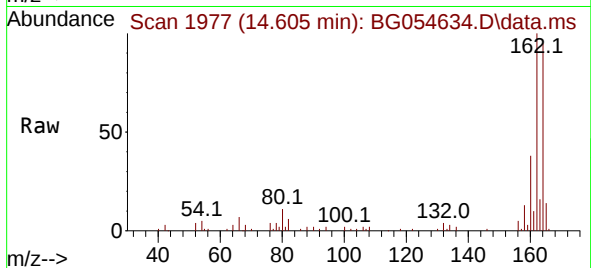
Acq: 14 Aug 2022 15:56

Instrument :

BNA_G

ClientSampleId :

COMP4



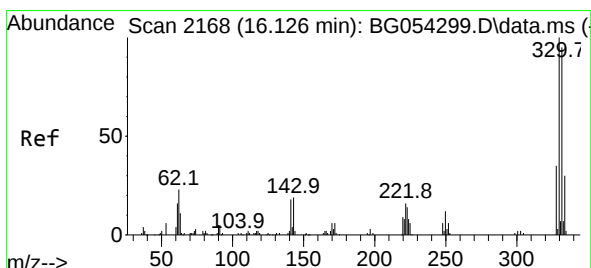
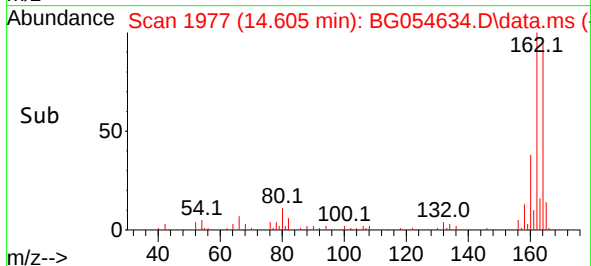
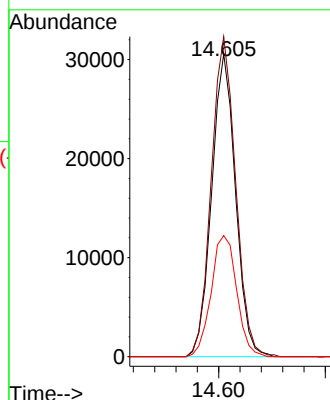
Tgt Ion:164 Resp: 47314

Ion Ratio Lower Upper

164 100

162 105.7 82.3 123.5

160 40.0 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 113.368 ng

RT: 16.103 min Scan# 2232

Delta R.T. -0.008 min

Lab File: BG054634.D

Acq: 14 Aug 2022 15:56

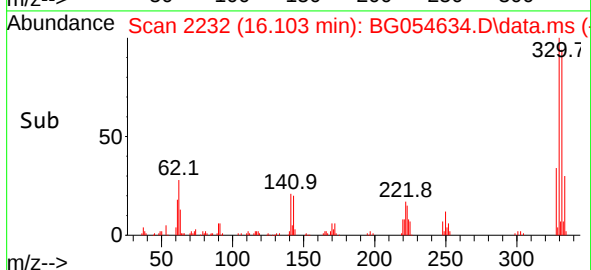
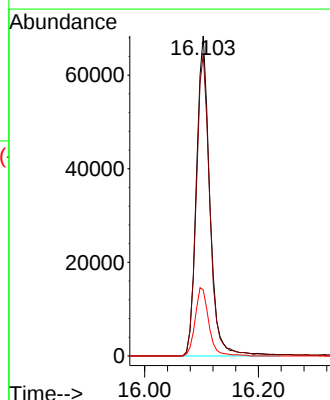
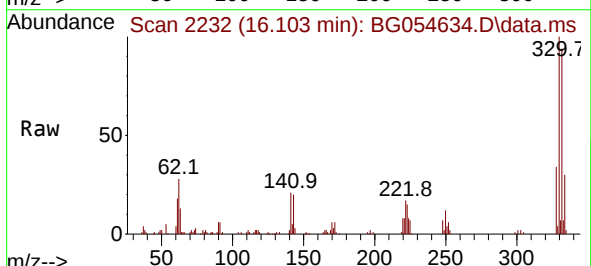
Tgt Ion:330 Resp: 112622

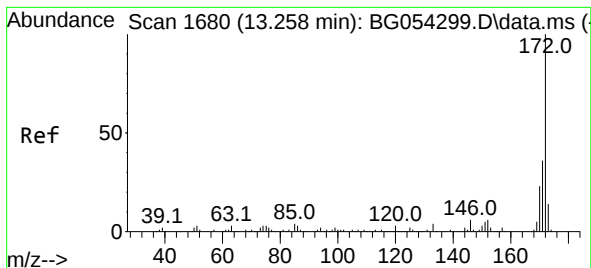
Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 21.6 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 97.353 ng

RT: 13.224 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG054634.D

Acq: 14 Aug 2022 15:56

Instrument :

BNA_G

ClientSampleId :

COMP4

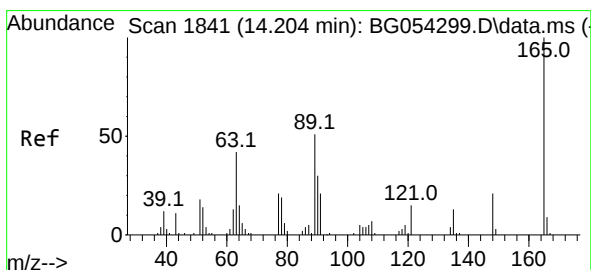
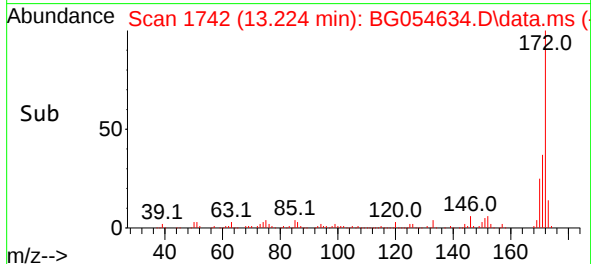
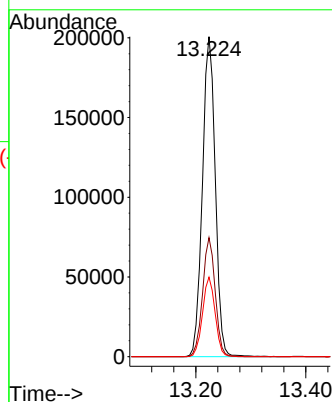
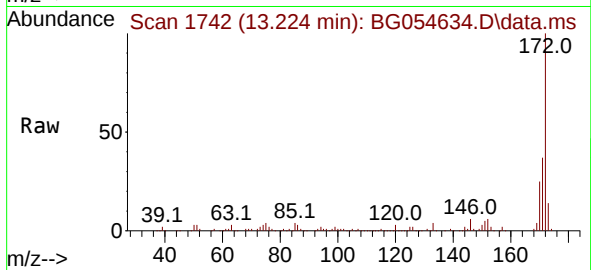
Tgt Ion:172 Resp: 326517

Ion Ratio Lower Upper

172 100

171 37.2 28.5 42.7

170 24.8 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.116 ng

RT: 14.605 min Scan# 1977

Delta R.T. 0.415 min

Lab File: BG054634.D

Acq: 14 Aug 2022 15:56

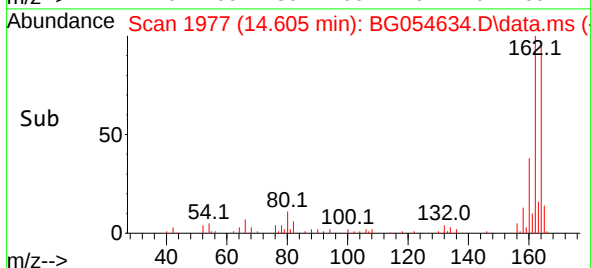
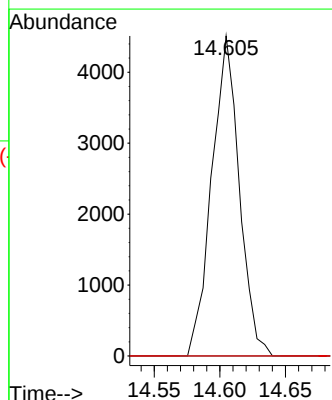
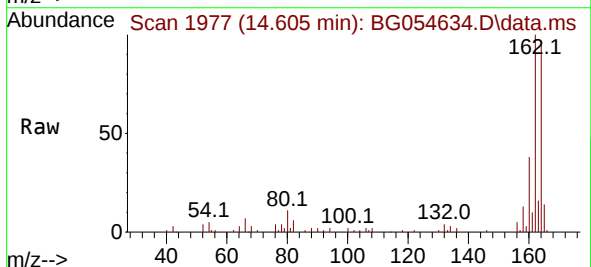
Tgt Ion:165 Resp: 6579

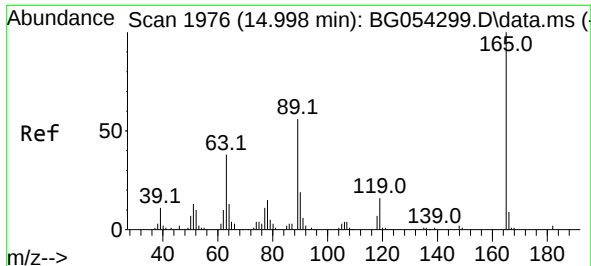
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

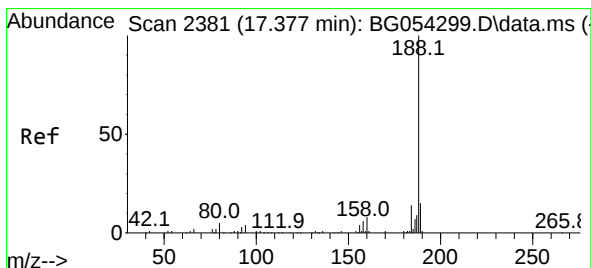
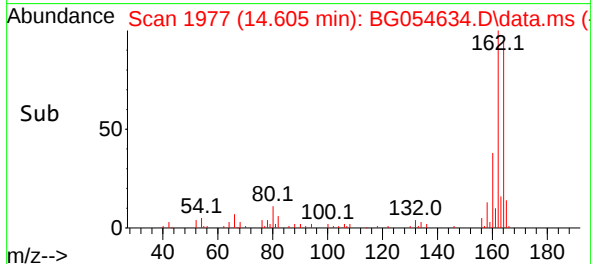
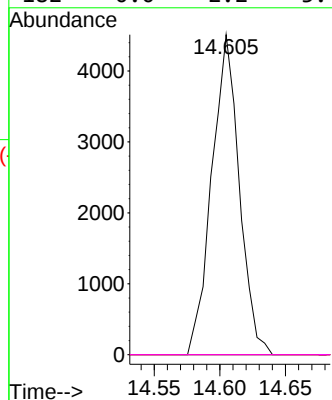
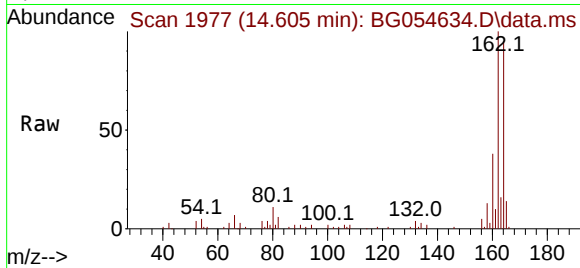




#57
2,4-Dinitrotoluene
Concen: 5.661 ng
RT: 14.605 min Scan# 14
Delta R.T. -0.390 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

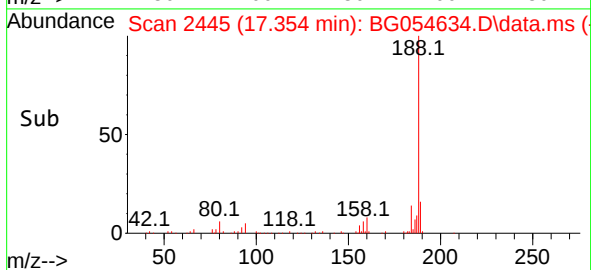
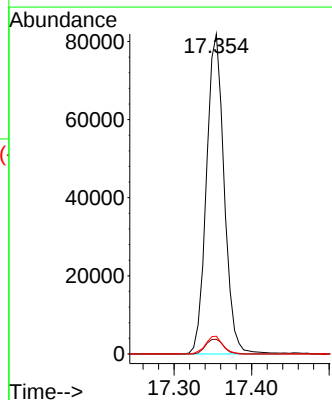
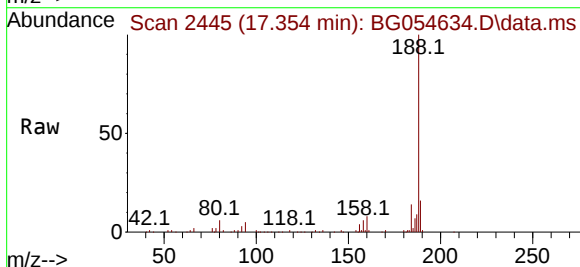
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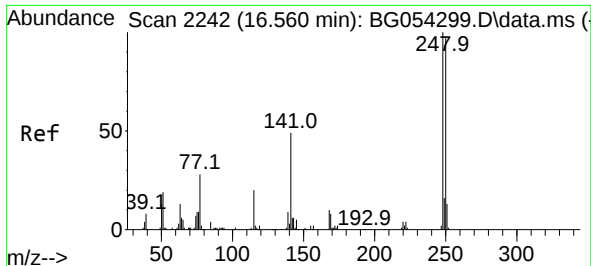
Tgt Ion:	165	Resp:	6579
Ion Ratio	Lower	Upper	
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

Tgt Ion:	188	Resp:	129795
Ion Ratio	Lower	Upper	
188	100		
94	4.6	5.4	8.0#
80	5.5	6.8	10.2#

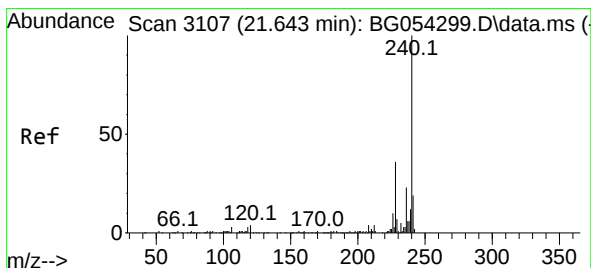
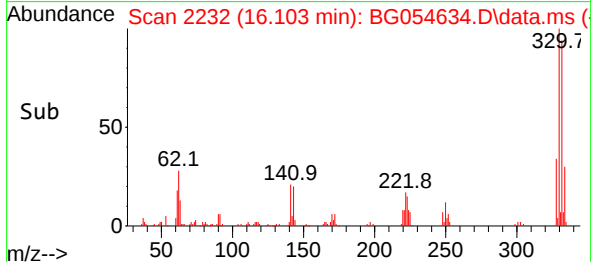
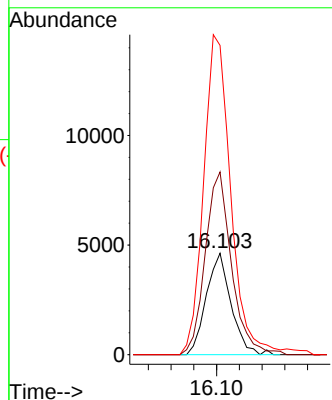
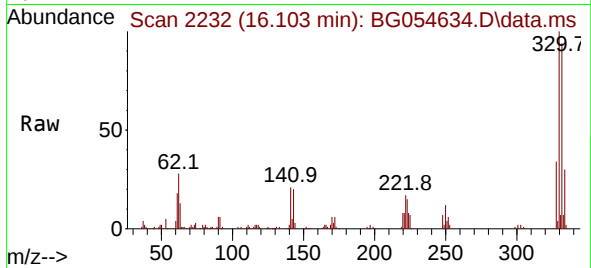




#67
4-Bromophenyl-phenylether
Concen: 3.849 ng
RT: 16.103 min Scan# 21
Delta R.T. -0.437 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

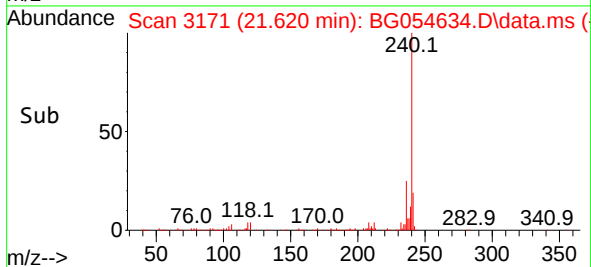
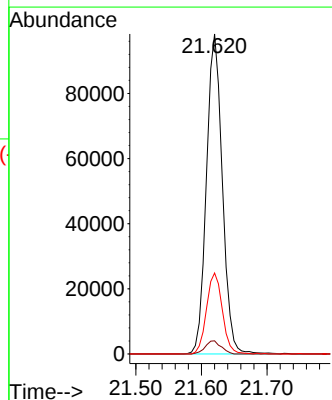
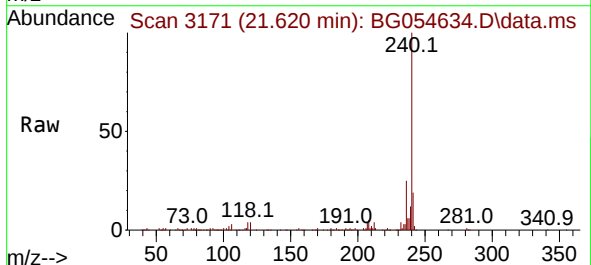
Instrument :
BNA_G
ClientSampleId :
COMP4

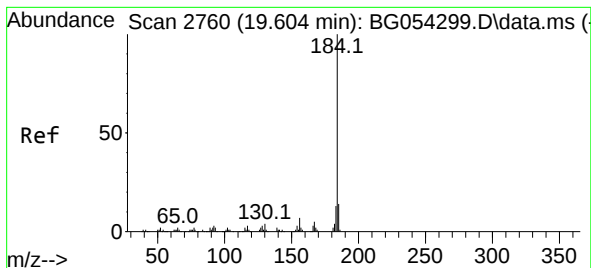
Tgt Ion:248 Resp: 7017
Ion Ratio Lower Upper
248 100
250 180.2 75.2 112.8#
141 305.0 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.620 min Scan# 3171
Delta R.T. -0.008 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

Tgt Ion:240 Resp: 165659
Ion Ratio Lower Upper
240 100
120 4.1 4.6 7.0#
236 25.3 20.2 30.4





#77

Benzidine

Concen: 3.560 ng

RT: 19.963 min Scan# 2889

Delta R.T. 0.374 min

Lab File: BG054634.D

Acq: 14 Aug 2022 15:56

Instrument :

BNA_G

ClientSampleId :

COMP4

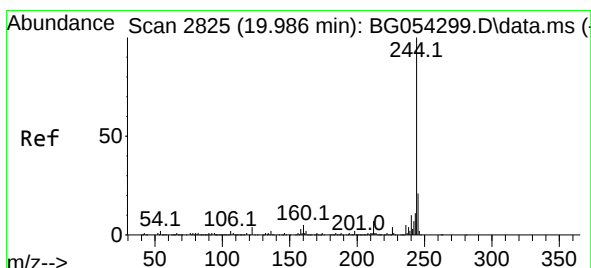
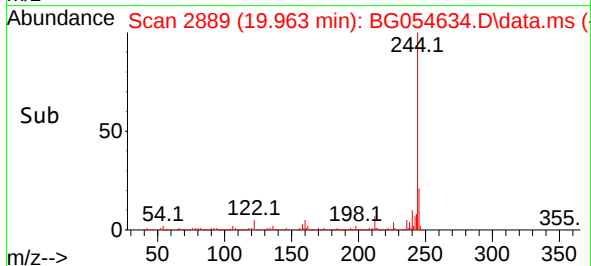
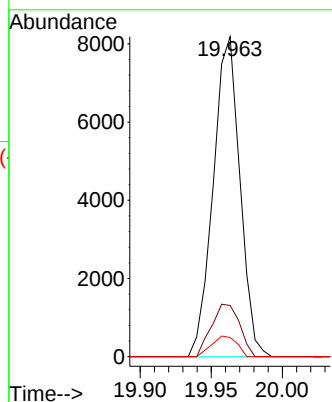
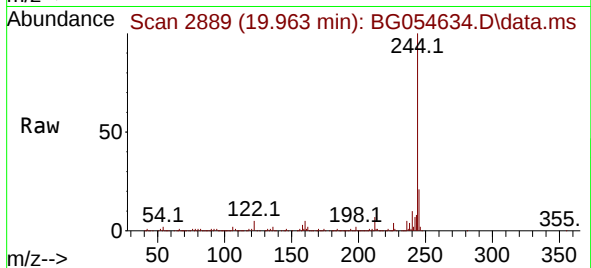
Tgt Ion:184 Resp: 10680

Ion Ratio Lower Upper

184 100

185 16.0 11.8 17.6

183 6.0 8.9 13.3#



#79

Terphenyl-d14

Concen: 98.342 ng

RT: 19.963 min Scan# 2889

Delta R.T. -0.002 min

Lab File: BG054634.D

Acq: 14 Aug 2022 15:56

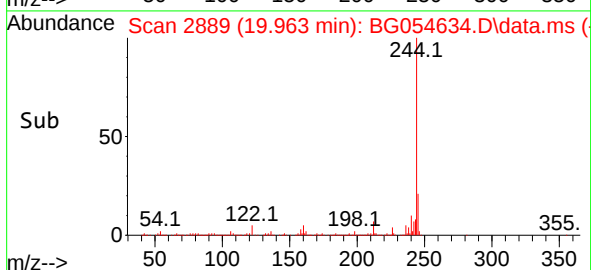
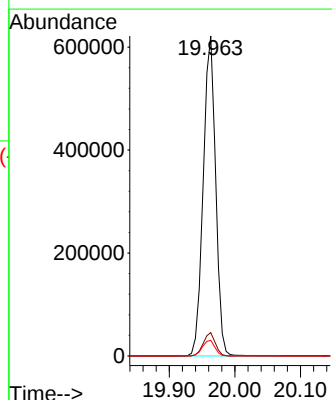
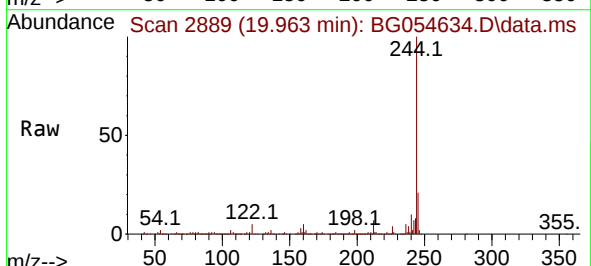
Tgt Ion:244 Resp: 821209

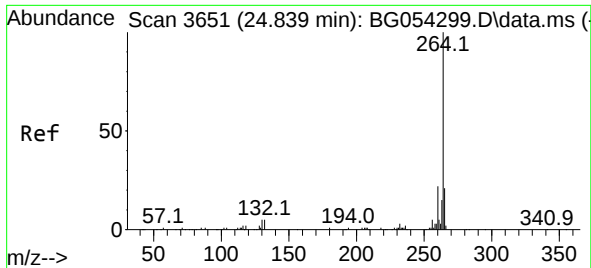
Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 4.9 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.816 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

Instrument :
BNA_G
ClientSampleId :
COMP4

Tgt Ion:264 Resp: 166896
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 20.4 17.4 26.2

