

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054606.D
 Acq On : 11 Aug 2022 15:48
 Operator : CG/JU
 Sample : N4017-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB08

Quant Time: Aug 12 06:03:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

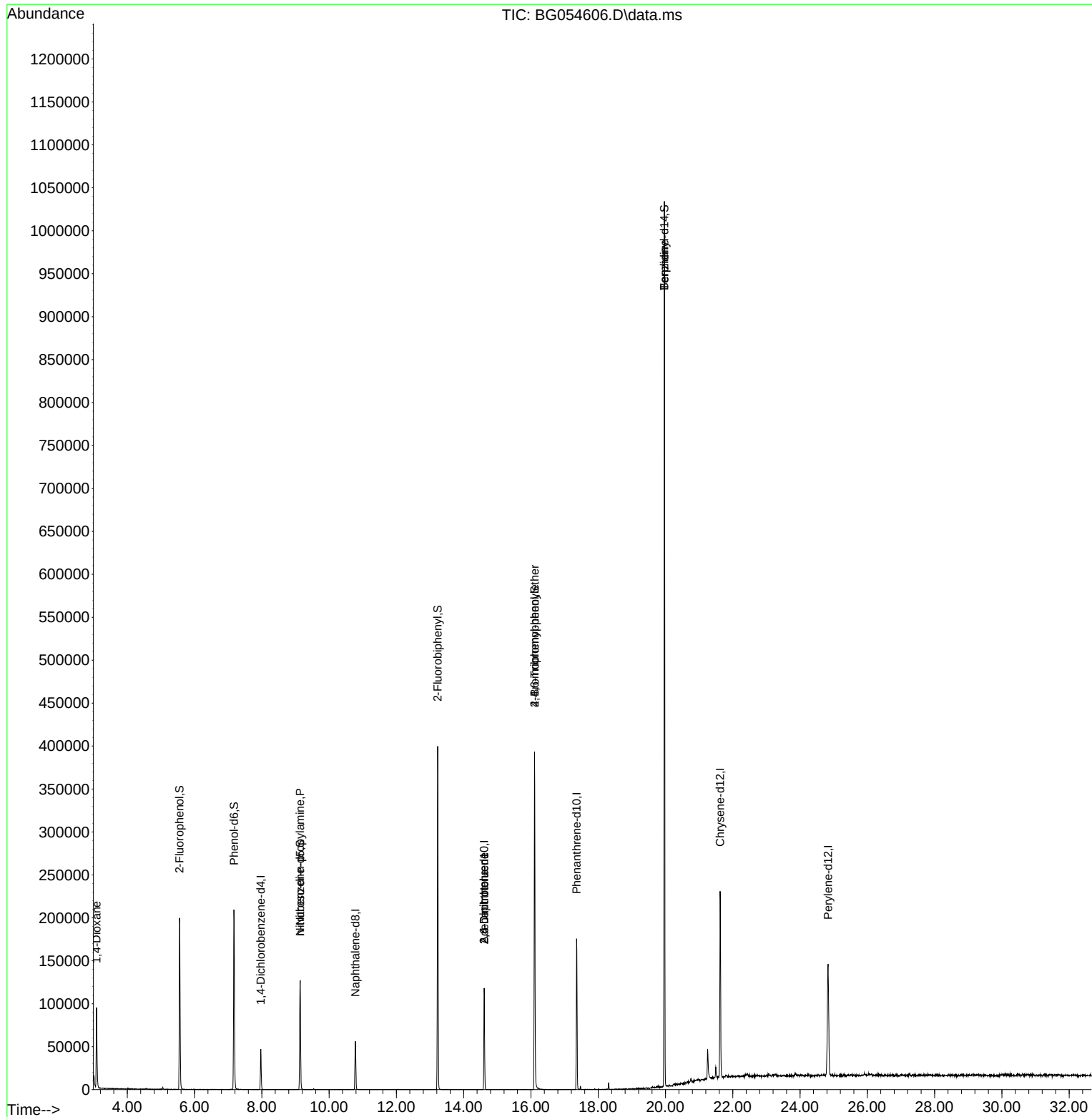
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	14880	20.000	ng	0.00
21) Naphthalene-d8	10.784	136	54854	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	45970	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	131720	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	154948	20.000	ng	# 0.00
86) Perylene-d12	24.832	264	160673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	92829	130.253	ng	0.00
7) Phenol-d6	7.171	99	122721	125.668	ng	0.00
23) Nitrobenzene-d5	9.139	82	81290	80.702	ng	0.00
42) 2,4,6-Tribromophenol	16.107	330	109781	113.739	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	235145	72.160	ng	0.00
79) Terphenyl-d14	19.967	244	586499	75.090	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	928	3.273	ng	# 1
9) Benzaldehyde	7.165	77	190	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.139	70	11152	17.101	ng	# 82
51) 2,6-Dinitrotoluene	14.609	165	6540	8.304	ng	# 16
57) 2,4-Dinitrotoluene	14.609	165	6540	5.792	ng	# 21
67) 4-Bromophenyl-phenylether	16.107	248	6609	3.573	ng	# 1
77) Benzidine	19.967	184	7459	2.658	ng	# 92

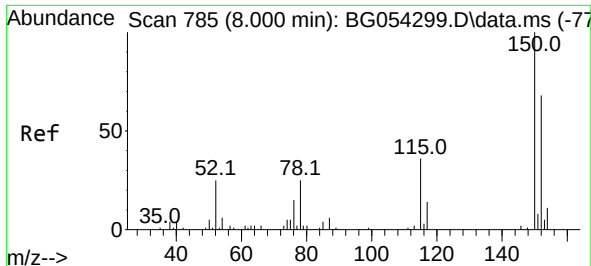
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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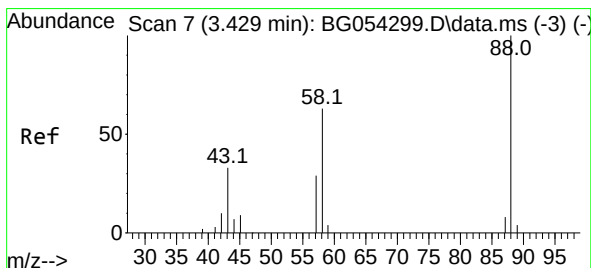
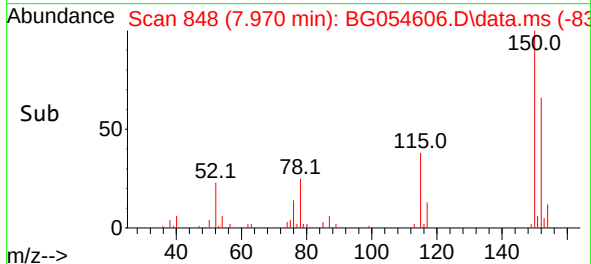
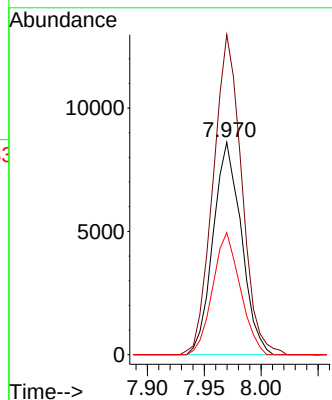
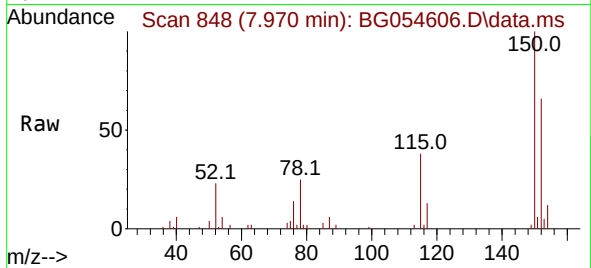




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.970 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG054606.D
 Acq: 11 Aug 2022 15:48

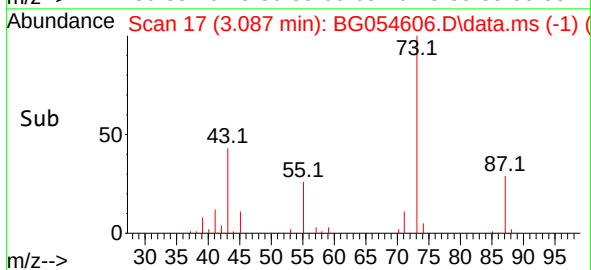
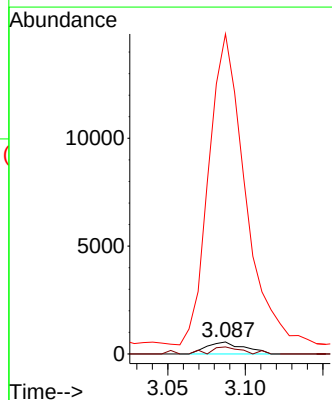
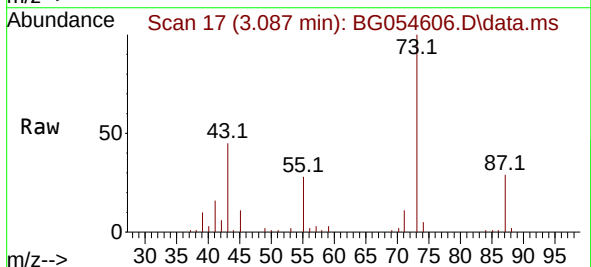
Instrument :
 BNA_G
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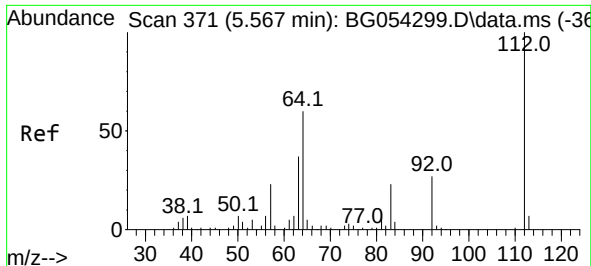
Tgt Ion:152 Resp: 14880
 Ion Ratio Lower Upper
 152 100
 150 150.7 131.6 197.4
 115 57.5 50.9 76.3



#2
 1,4-Dioxane
 Concen: 3.273 ng
 RT: 3.087 min Scan# 17
 Delta R.T. -0.308 min
 Lab File: BG054606.D
 Acq: 11 Aug 2022 15:48

Tgt Ion: 88 Resp: 928
 Ion Ratio Lower Upper
 88 100
 58 51.2 59.2 88.8#
 43 2661.1 24.3 36.5#

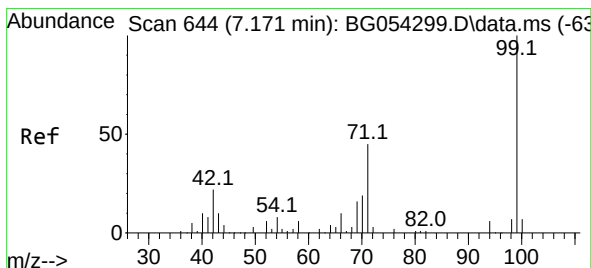
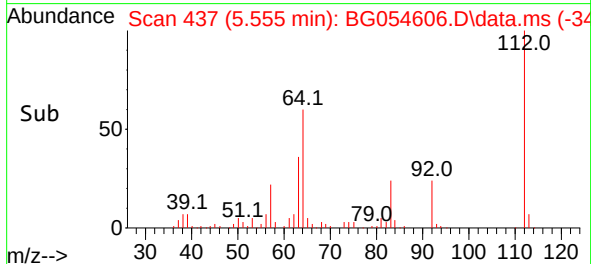
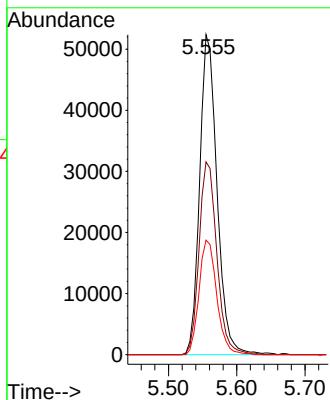
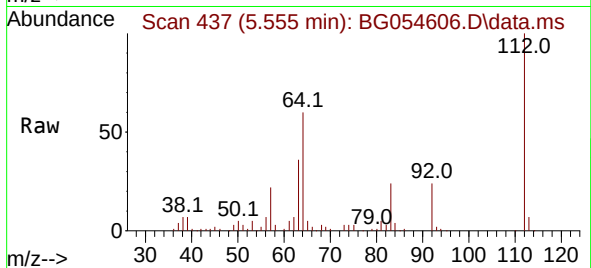




#5
2-Fluorophenol
Concen: 130.253 ng
RT: 5.555 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG054606.D
Acq: 11 Aug 2022 15:48

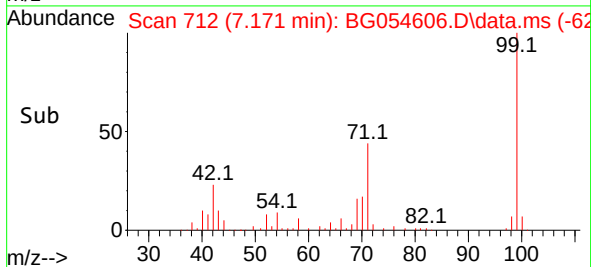
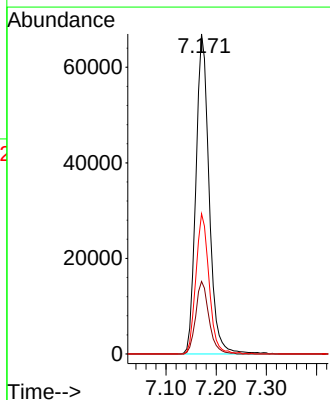
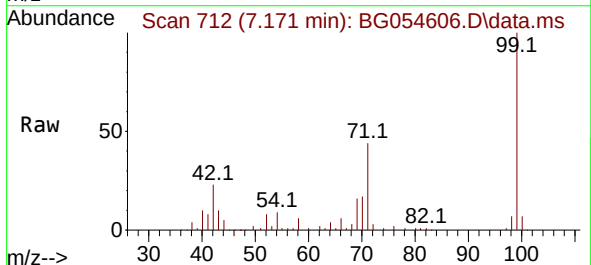
Instrument :
BNA_G
ClientSampleId :
SB08

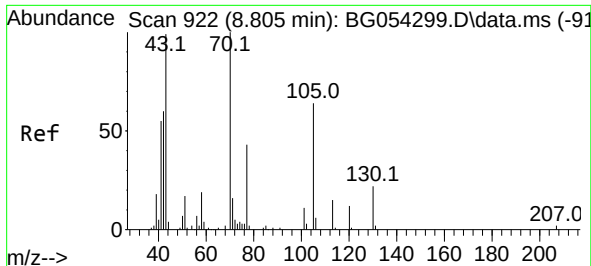
Tgt Ion:112 Resp: 92829
Ion Ratio Lower Upper
112 100
64 60.3 55.1 82.7
63 35.8 30.4 45.6



#7
Phenol-d6
Concen: 125.668 ng
RT: 7.171 min Scan# 712
Delta R.T. -0.009 min
Lab File: BG054606.D
Acq: 11 Aug 2022 15:48

Tgt Ion: 99 Resp: 122721
Ion Ratio Lower Upper
99 100
42 22.7 17.0 25.6
71 43.8 33.8 50.8

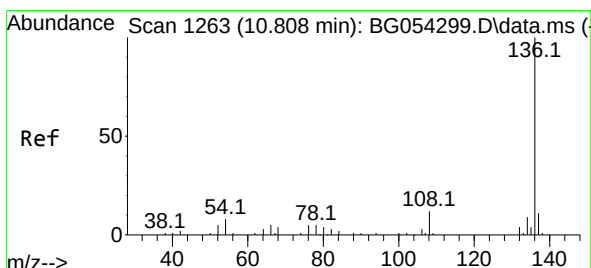
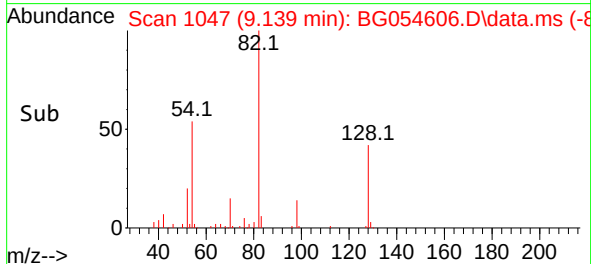
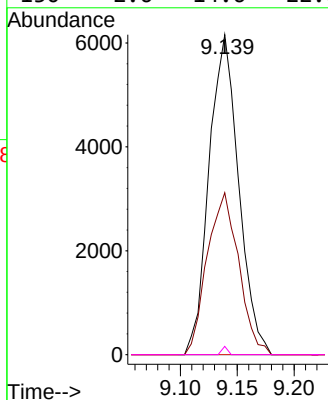
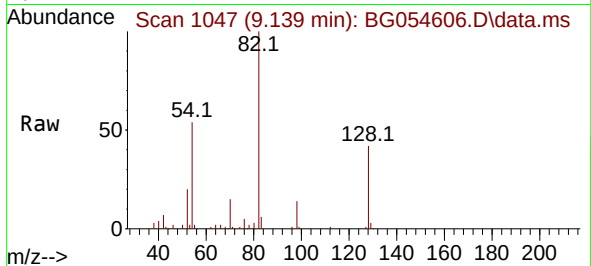




#19
n-Nitroso-di-n-propylamine
Concen: 17.101 ng
RT: 9.139 min Scan# 11
Delta R.T. 0.356 min
Lab File: BG054606.D
Acq: 11 Aug 2022 15:48

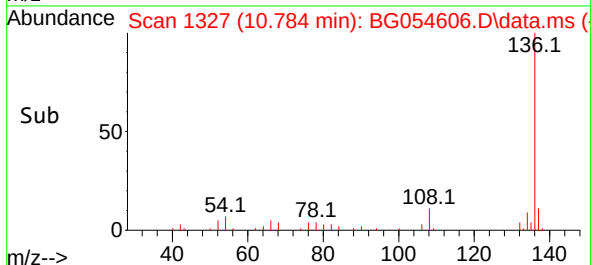
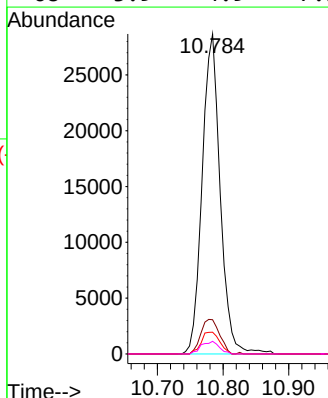
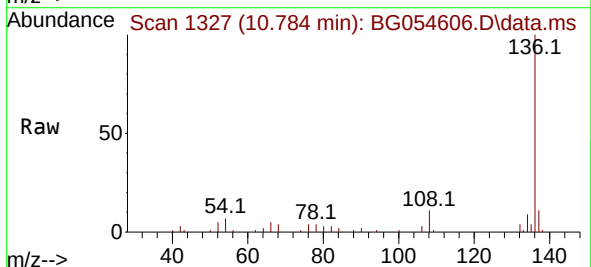
Instrument :
BNA_G
ClientSampleId :
SB08

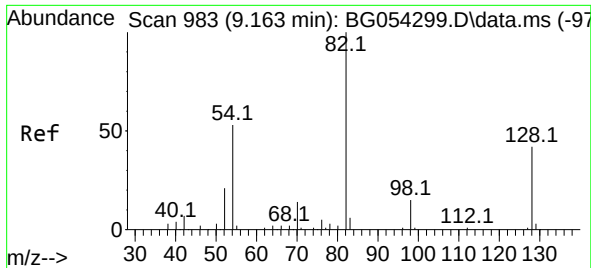
Tgt Ion:	70	Resp:	11152
Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.3	70.9
101	0.0	7.0	10.4#
130	2.6	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 1327
Delta R.T. -0.003 min
Lab File: BG054606.D
Acq: 11 Aug 2022 15:48

Tgt Ion:	136	Resp:	54854
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.8	7.4	11.2#
68	3.9	4.9	7.3#

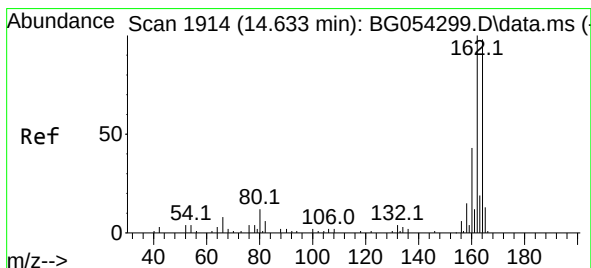
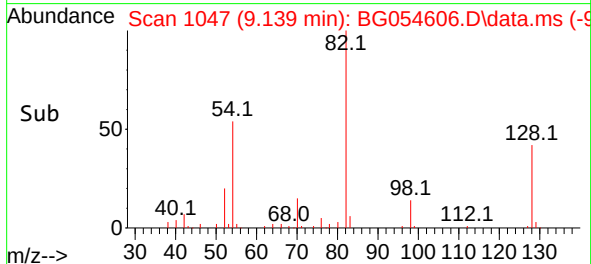
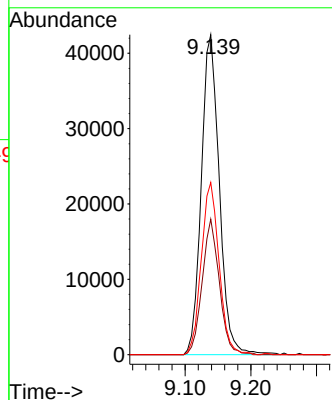
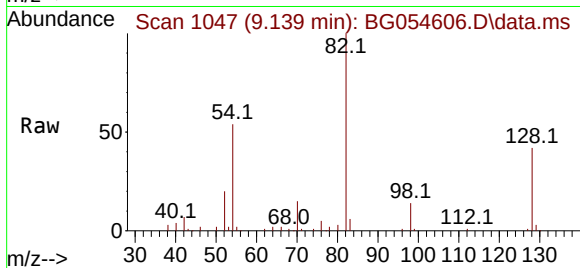




#23
Nitrobenzene-d5
Concen: 80.702 ng
RT: 9.139 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG054606.D
Acq: 11 Aug 2022 15:48

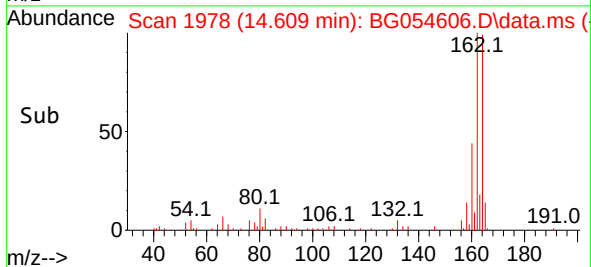
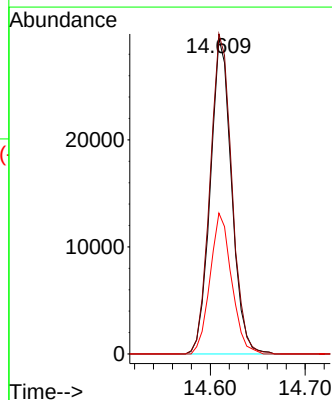
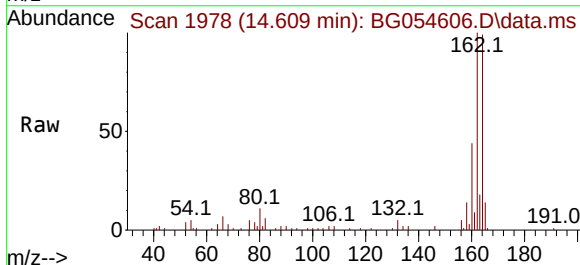
Instrument :
BNA_G
ClientSampleId :
SB08

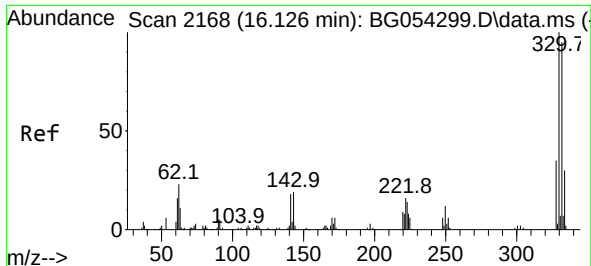
Tgt Ion: 82 Resp: 81290
Ion Ratio Lower Upper
82 100
128 42.3 27.9 41.9#
54 53.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.008 min
Lab File: BG054606.D
Acq: 11 Aug 2022 15:48

Tgt Ion:164 Resp: 45970
Ion Ratio Lower Upper
164 100
162 101.4 82.3 123.5
160 44.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 113.739 ng

RT: 16.107 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG054606.D

Acq: 11 Aug 2022 15:48

Instrument :

BNA_G

ClientSampleId :

SB08

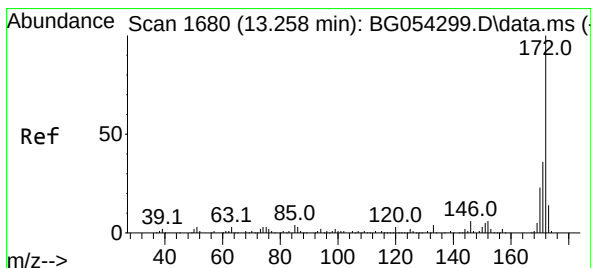
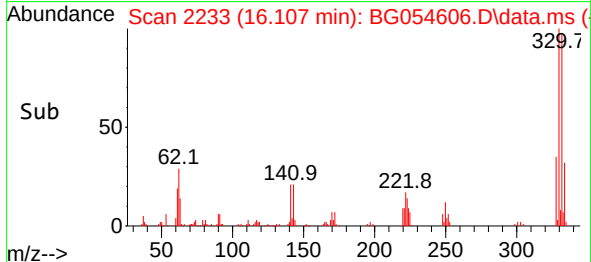
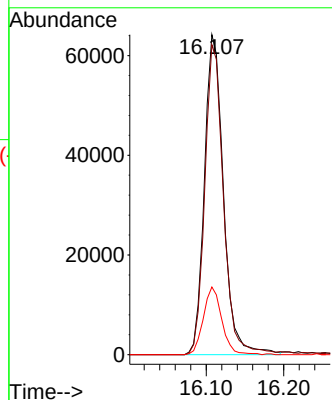
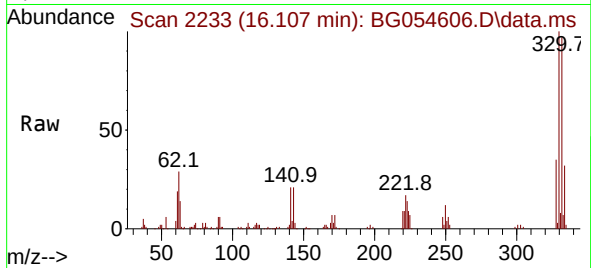
Tgt Ion:330 Resp: 109781

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 20.4 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 72.160 ng

RT: 13.228 min Scan# 1743

Delta R.T. -0.008 min

Lab File: BG054606.D

Acq: 11 Aug 2022 15:48

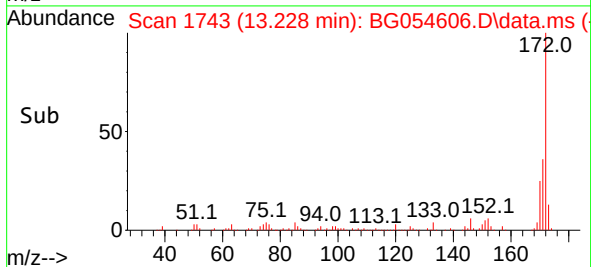
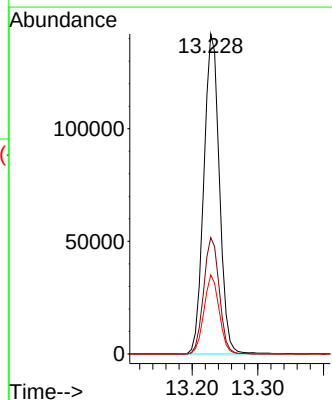
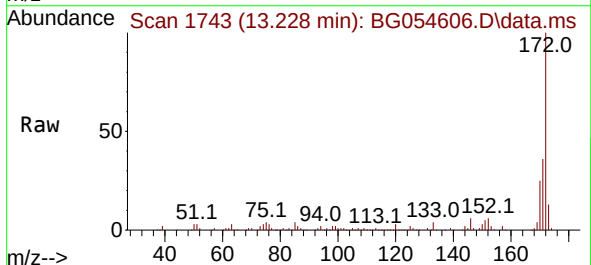
Tgt Ion:172 Resp: 235145

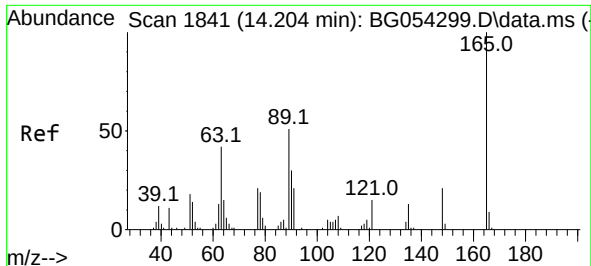
Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.7 18.9 28.3

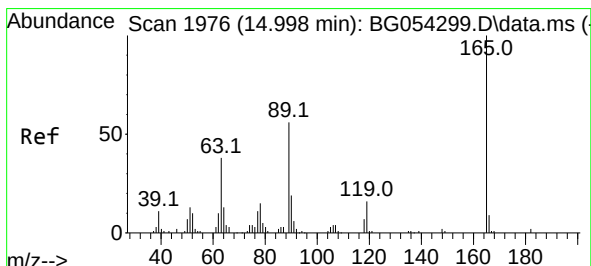
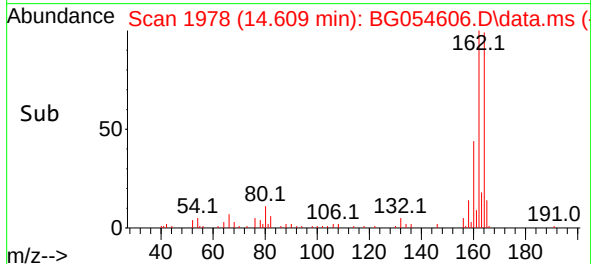
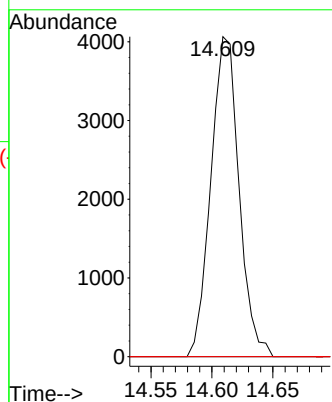
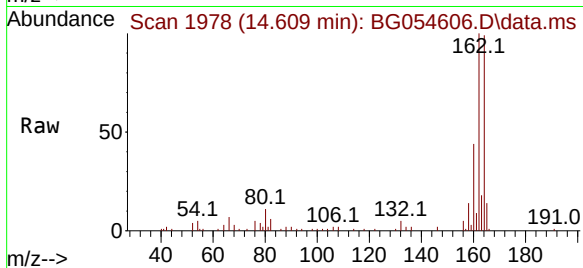




#51
2,6-Dinitrotoluene
Concen: 8.304 ng
RT: 14.609 min Scan# 1978
Delta R.T. 0.415 min
Lab File: BG054606.D
Acq: 11 Aug 2022 15:48

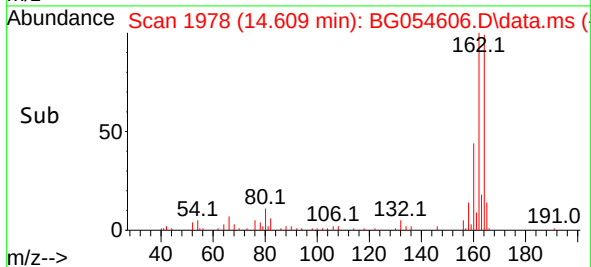
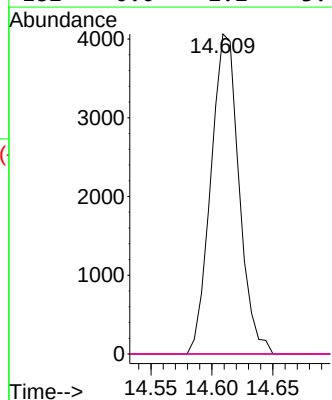
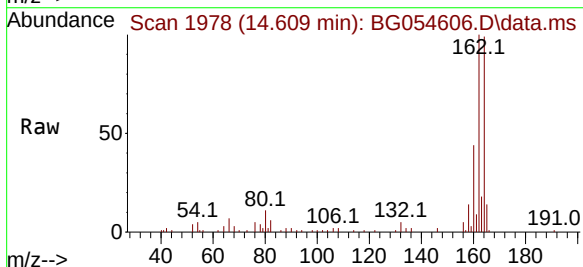
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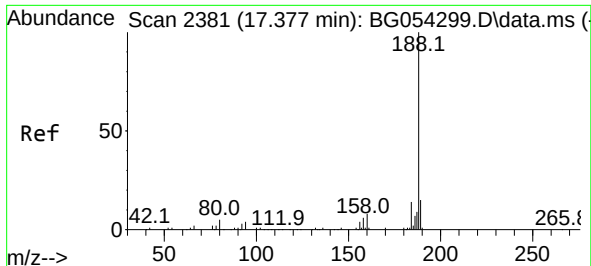
Tgt Ion:165 Resp: 6540
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.792 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.385 min
Lab File: BG054606.D
Acq: 11 Aug 2022 15:48

Tgt Ion:165 Resp: 6540
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#

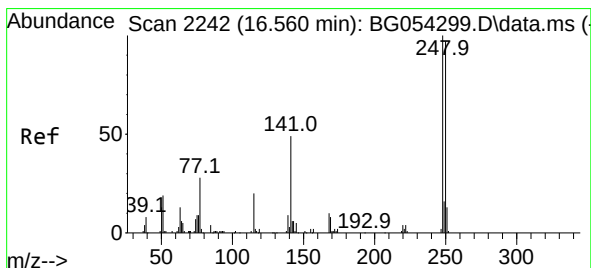
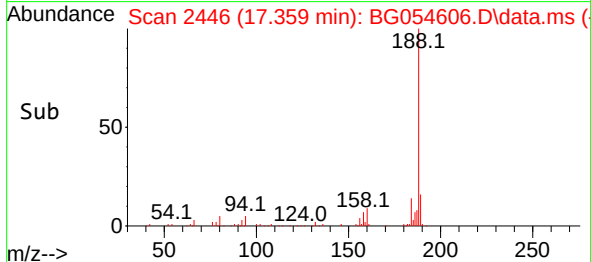
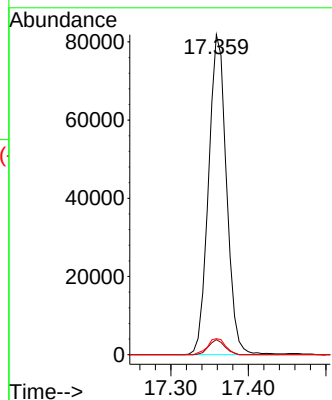
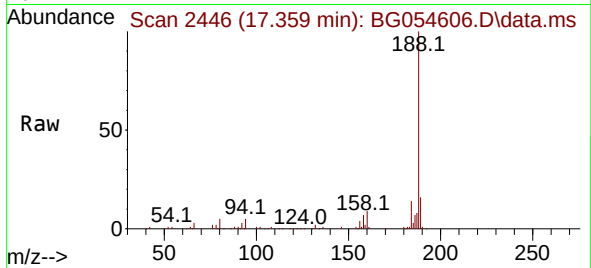




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG054606.D
Acq: 11 Aug 2022 15:48

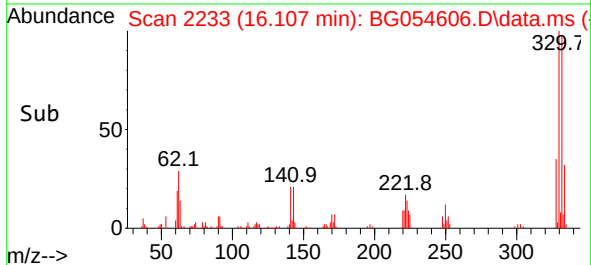
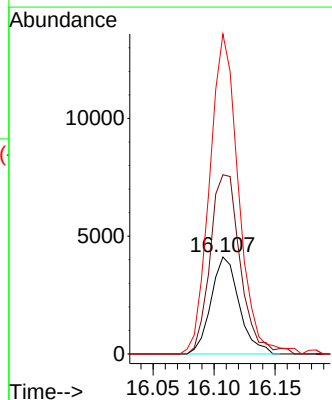
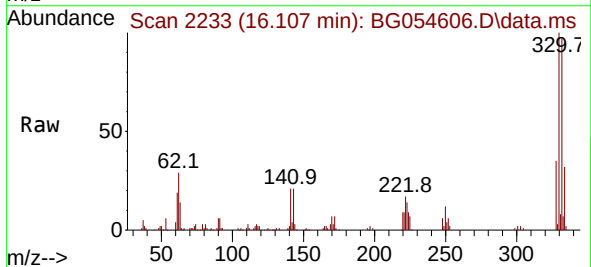
Instrument :
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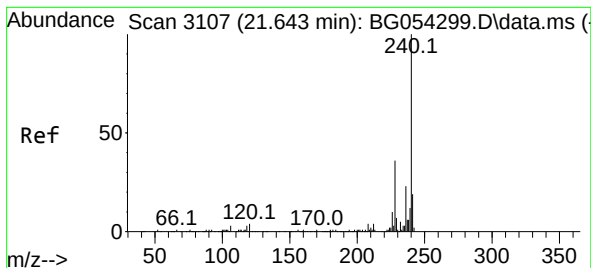
Tgt Ion:188 Resp: 131720
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 5.0 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.573 ng
RT: 16.107 min Scan# 2233
Delta R.T. -0.437 min
Lab File: BG054606.D
Acq: 11 Aug 2022 15:48

Tgt Ion:248 Resp: 6609
Ion Ratio Lower Upper
248 100
250 184.9 75.2 112.8#
141 330.0 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG054606.D

Acq: 11 Aug 2022 15:48

Instrument :

BNA_G

ClientSampleId :

SB08

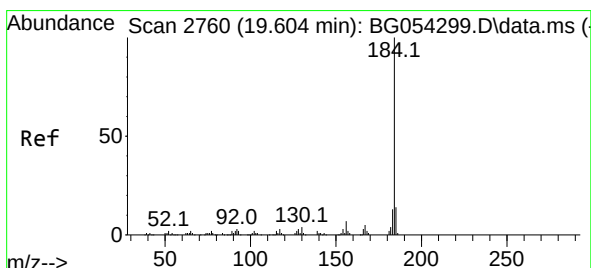
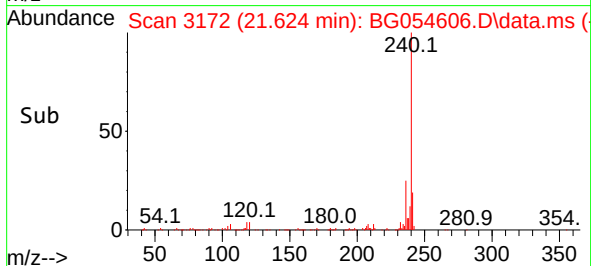
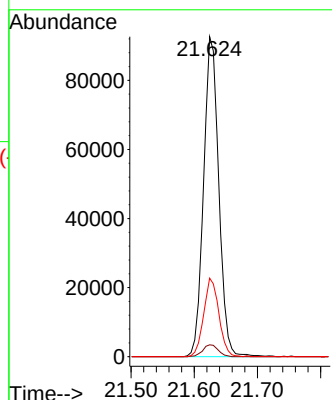
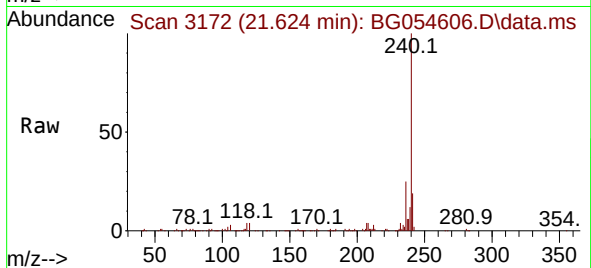
Tgt Ion:240 Resp: 154948

Ion Ratio Lower Upper

240 100

120 3.7 4.6 7.0#

236 24.5 20.2 30.4



#77

Benzidine

Concen: 2.658 ng

RT: 19.967 min Scan# 2890

Delta R.T. 0.373 min

Lab File: BG054606.D

Acq: 11 Aug 2022 15:48

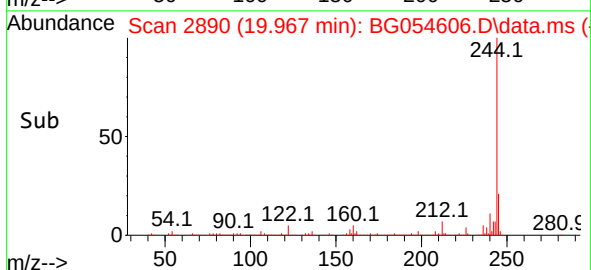
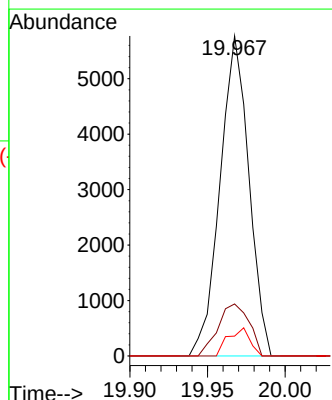
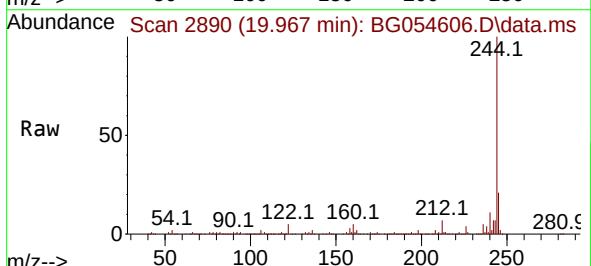
Tgt Ion:184 Resp: 7459

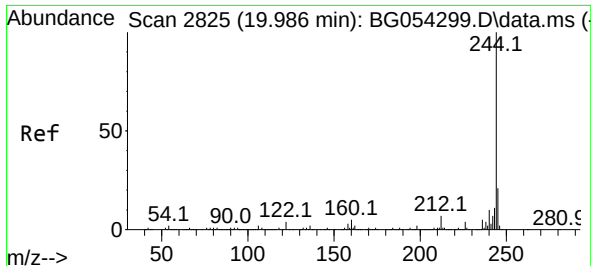
Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.6

183 6.2 8.9 13.3#

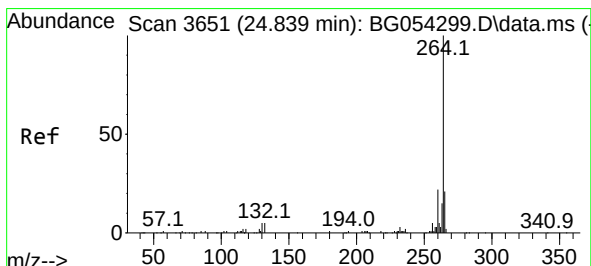
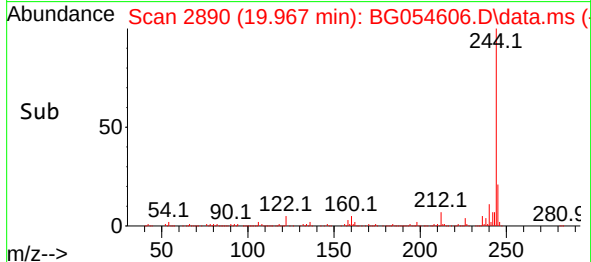
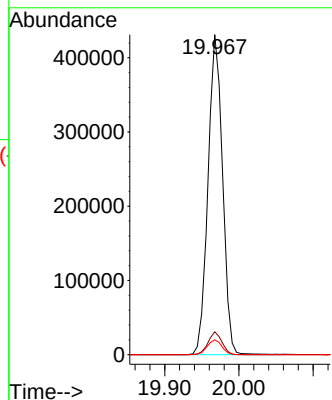
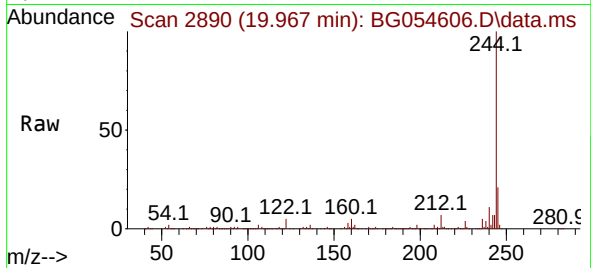




#79
 Terphenyl-d14
 Concen: 75.090 ng
 RT: 19.967 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054606.D
 Acq: 11 Aug 2022 15:48

Instrument :
 BNA_G
 ClientSampleId :
 SB08

Tgt Ion:244 Resp: 586499
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.7 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.832 min Scan# 3718
 Delta R.T. -0.003 min
 Lab File: BG054606.D
 Acq: 11 Aug 2022 15:48

Tgt Ion:264 Resp: 160673
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.1 17.4 26.2

