

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054610.D
 Acq On : 11 Aug 2022 18:35
 Operator : CG/JU
 Sample : N4017-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB06

Quant Time: Aug 12 06:05:39 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)

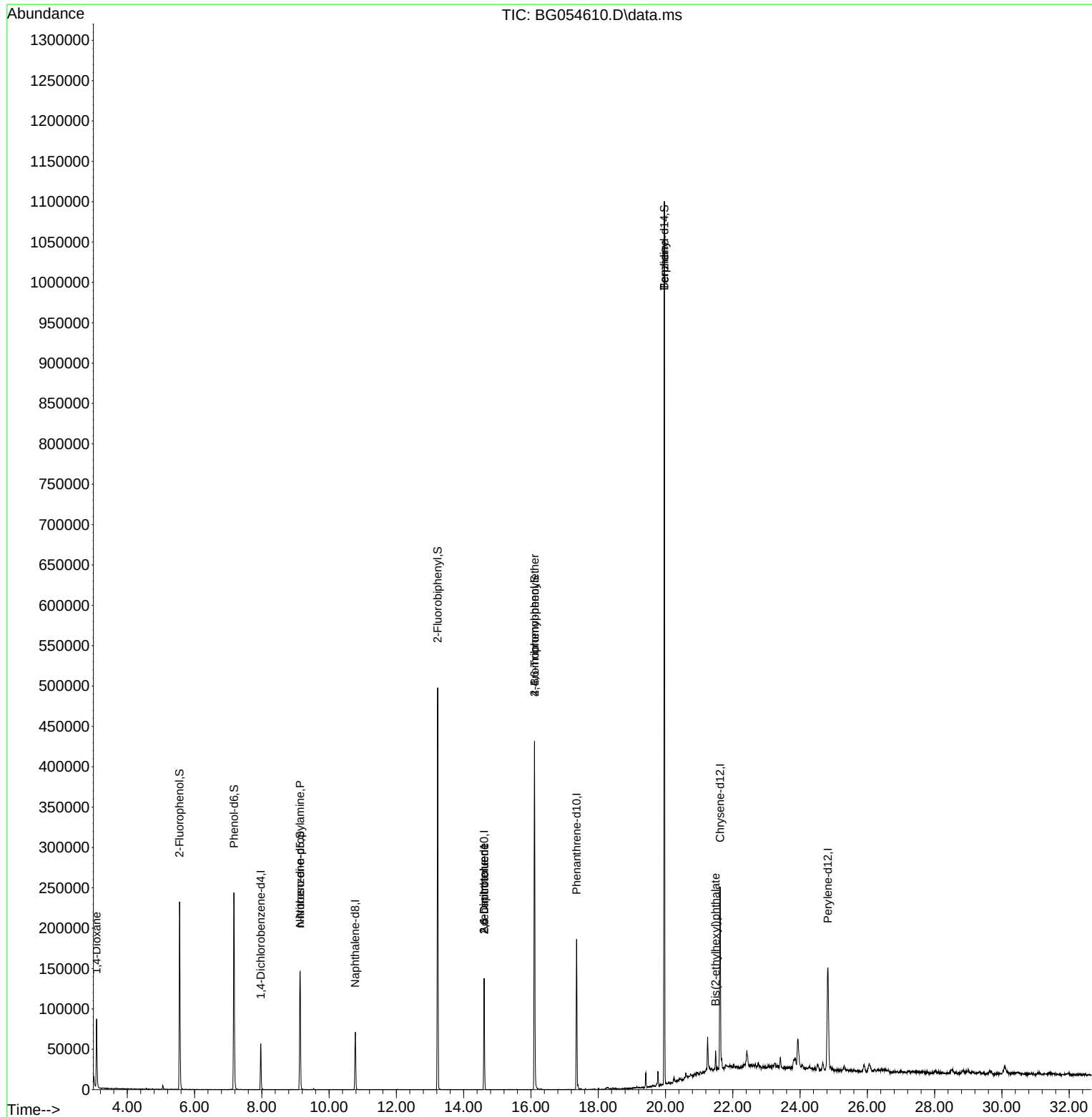
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	17319	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	68023	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	54056	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	139067	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	154437	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	162004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	104537	126.024	ng	0.00
7) Phenol-d6	7.171	99	142178	125.088	ng	0.00
23) Nitrobenzene-d5	9.139	82	94692	75.807	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	122868	108.256	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	291493	76.071	ng	0.00
79) Terphenyl-d14	19.968	244	634085	81.451	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.087	88	826	2.503	ng	# 1
9) Benzaldehyde	7.177	77	65	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.133	70	13245	17.450	ng	# 87
51) 2,6-Dinitrotoluene	14.609	165	7334	7.919	ng	# 16
57) 2,4-Dinitrotoluene	14.609	165	7334	5.524	ng	# 21
67) 4-Bromophenyl-phenylether	16.108	248	7380	3.779	ng	# 1
77) Benzidine	19.968	184	8536	3.052	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.489	149	10127	2.592	ng	# 91

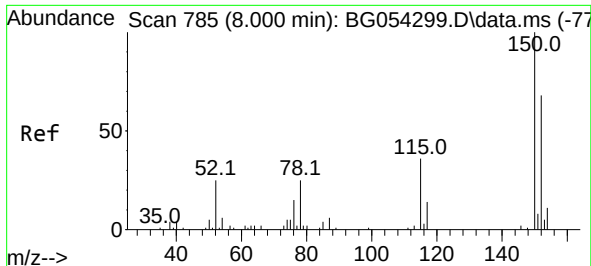
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
Data File : BG054610.D
Acq On : 11 Aug 2022 18:35
Operator : CG/JU
Sample : N4017-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB06

Quant Time: Aug 12 06:05:39 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

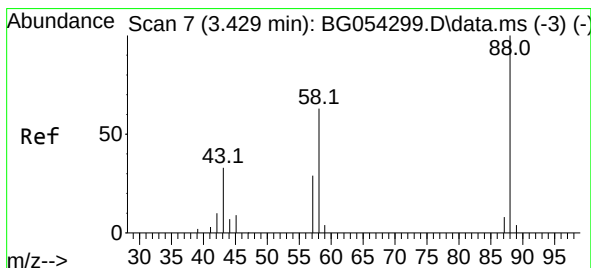
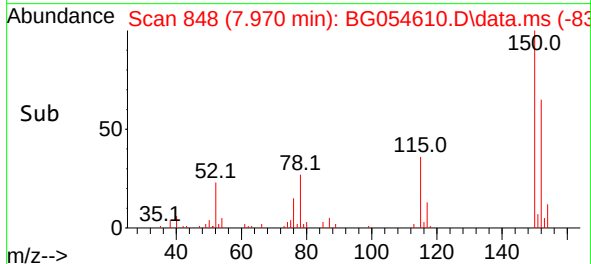
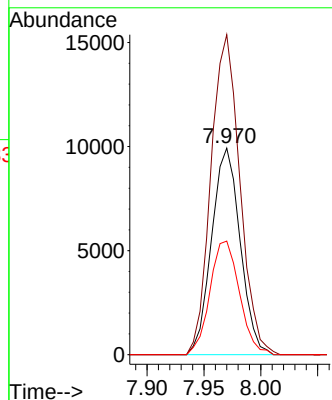
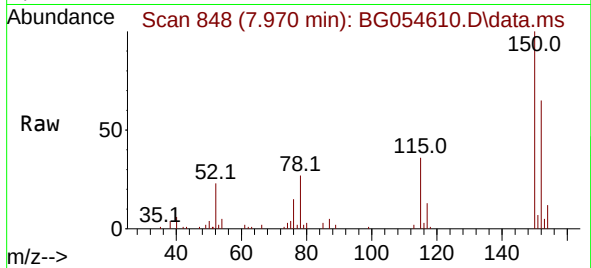




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.970 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG054610.D
 Acq: 11 Aug 2022 18:35

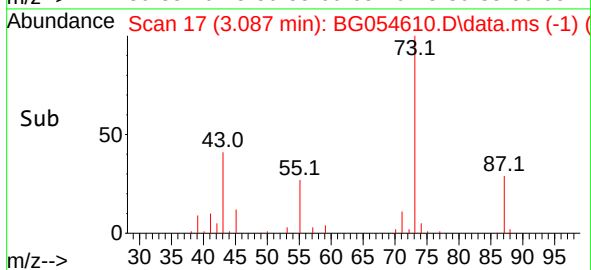
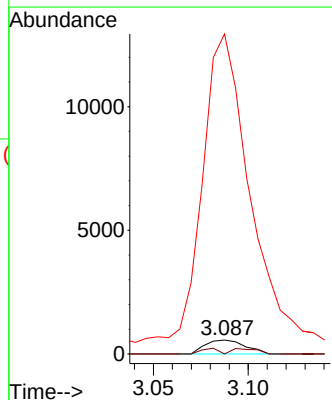
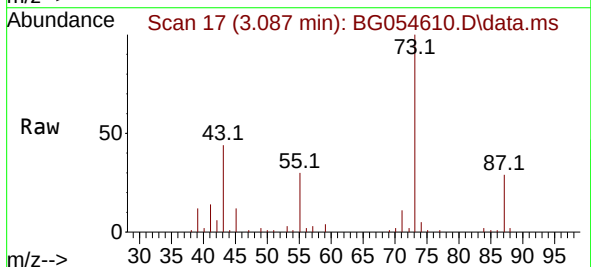
Instrument :
 BNA_G
 ClientSampleId :
 SB06

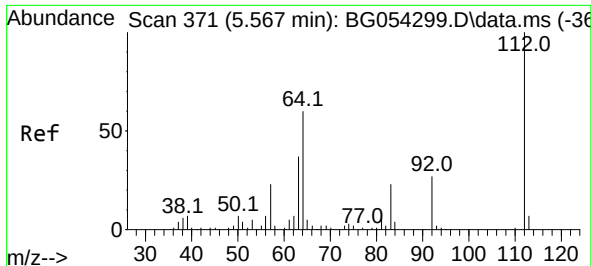
Tgt Ion:152 Resp: 17319
 Ion Ratio Lower Upper
 152 100
 150 155.0 131.6 197.4
 115 55.0 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.503 ng
 RT: 3.087 min Scan# 17
 Delta R.T. -0.308 min
 Lab File: BG054610.D
 Acq: 11 Aug 2022 18:35

Tgt Ion: 88 Resp: 826
 Ion Ratio Lower Upper
 88 100
 58 16.8 59.2 88.8#
 43 2701.9 24.3 36.5#

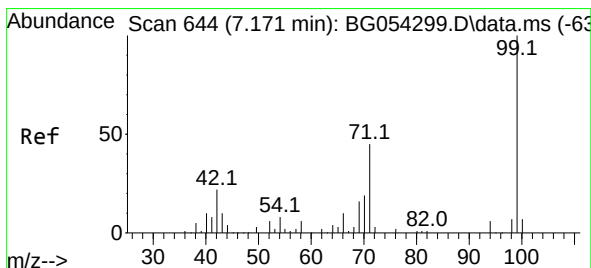
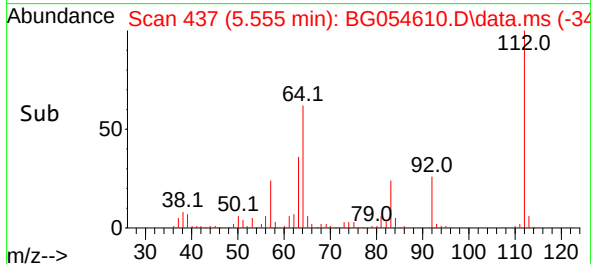
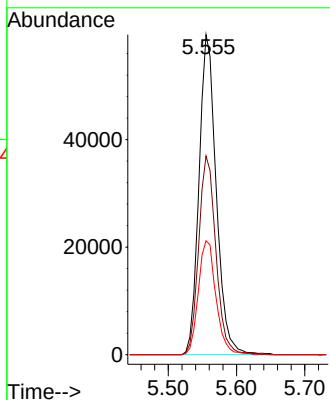
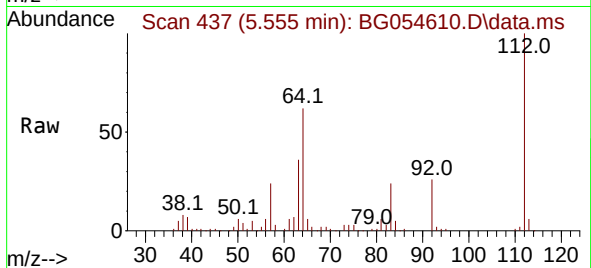




#5
2-Fluorophenol
Concen: 126.024 ng
RT: 5.555 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG054610.D
Acq: 11 Aug 2022 18:35

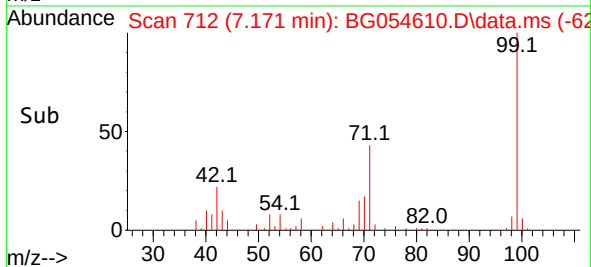
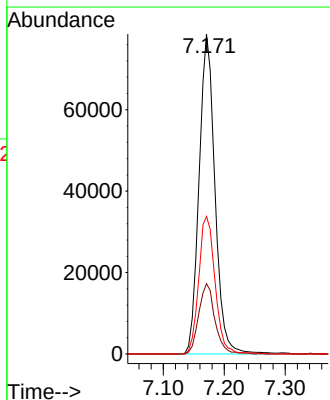
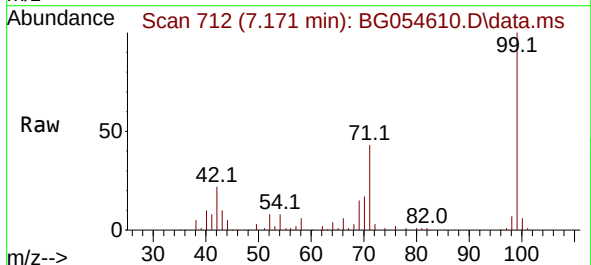
Instrument :
BNA_G
ClientSampleId :
SB06

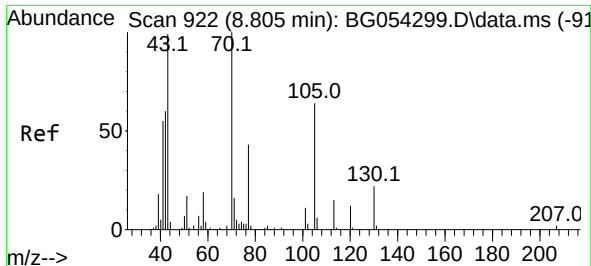
Tgt Ion:112 Resp: 104537
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 35.6 30.4 45.6



#7
Phenol-d6
Concen: 125.088 ng
RT: 7.171 min Scan# 712
Delta R.T. -0.008 min
Lab File: BG054610.D
Acq: 11 Aug 2022 18:35

Tgt Ion: 99 Resp: 142178
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 43.0 33.8 50.8

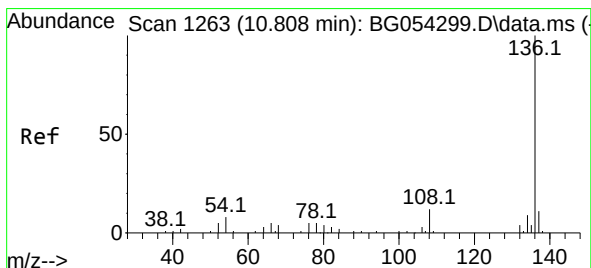
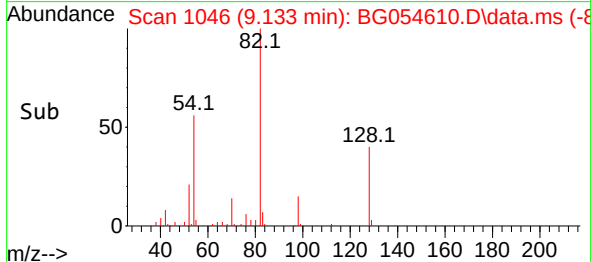
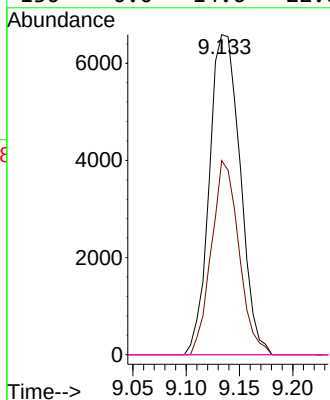
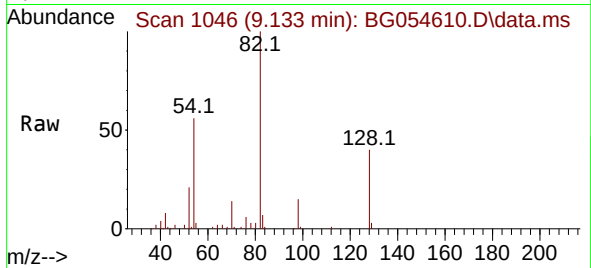




#19
n-Nitroso-di-n-propylamine
Concen: 17.450 ng
RT: 9.133 min Scan# 1046
Delta R.T. 0.350 min
Lab File: BG054610.D
Acq: 11 Aug 2022 18:35

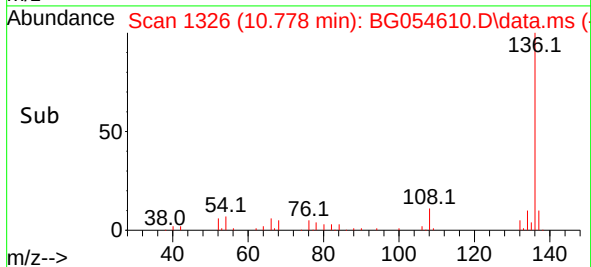
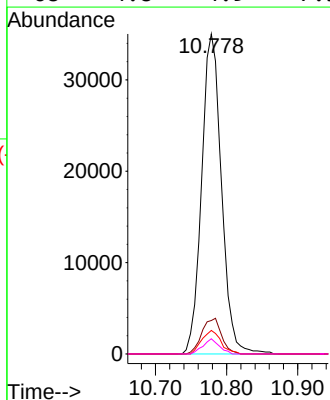
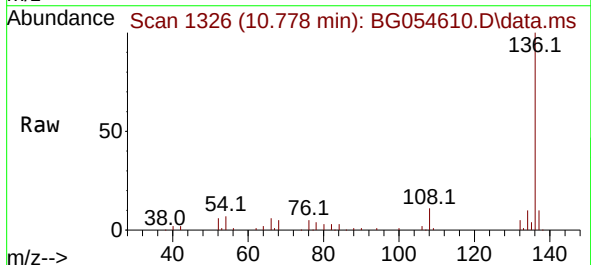
Instrument :
BNA_G
ClientSampleId :
SB06

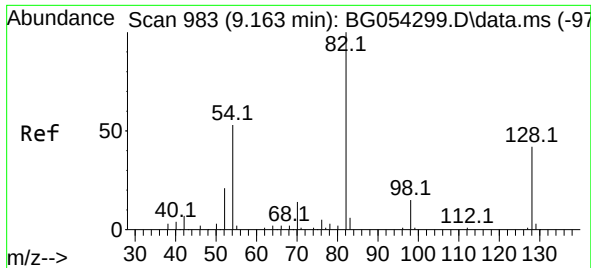
Tgt Ion: 70	Resp: 13245
Ion Ratio	Lower Upper
70	100
42	60.7 47.3 70.9
101	0.0 7.0 10.4#
130	0.0 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1326
Delta R.T. -0.008 min
Lab File: BG054610.D
Acq: 11 Aug 2022 18:35

Tgt Ion: 136	Resp: 68023
Ion Ratio	Lower Upper
136	100
137	10.5 8.5 12.7
54	7.4 7.4 11.2#
68	4.8 4.9 7.3#

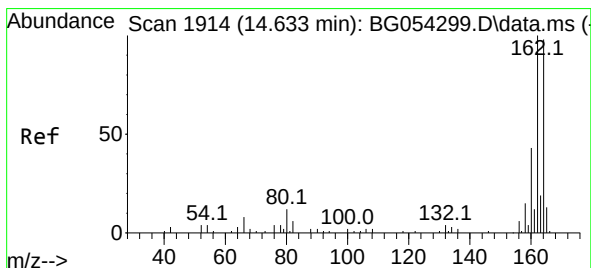
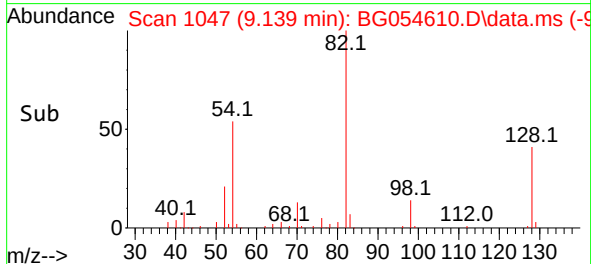
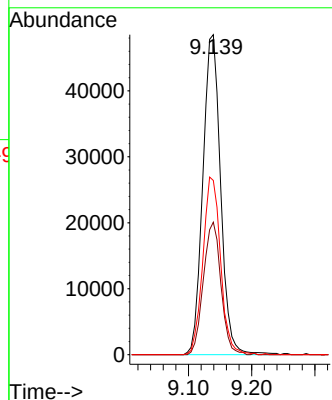
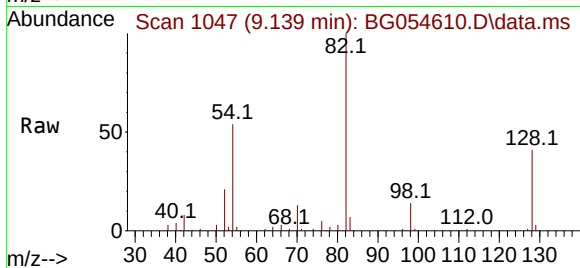




#23
Nitrobenzene-d5
Concen: 75.807 ng
RT: 9.139 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054610.D
Acq: 11 Aug 2022 18:35

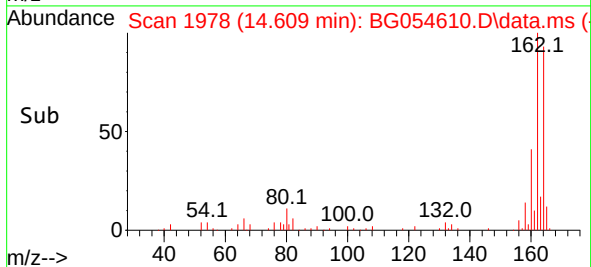
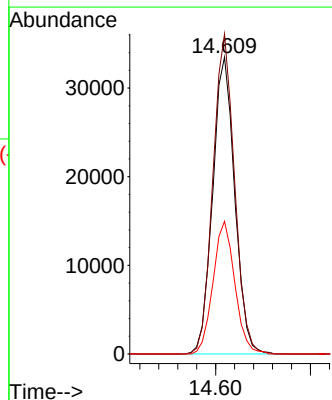
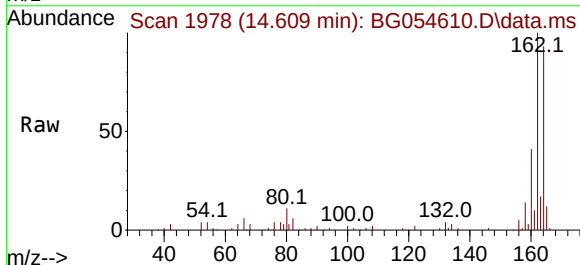
Instrument :
BNA_G
ClientSampleId :
SB06

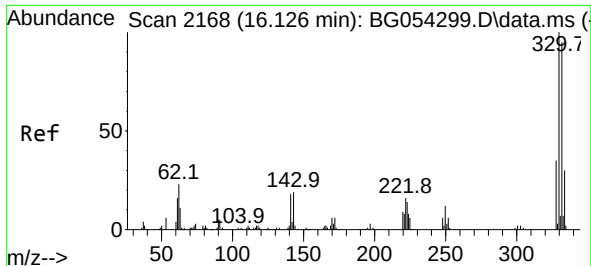
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	27.9	41.9
54	54.4	41.2	61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.008 min
Lab File: BG054610.D
Acq: 11 Aug 2022 18:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.3	123.5
160	44.7	34.2	51.2

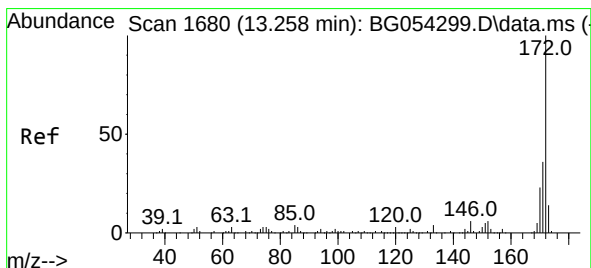
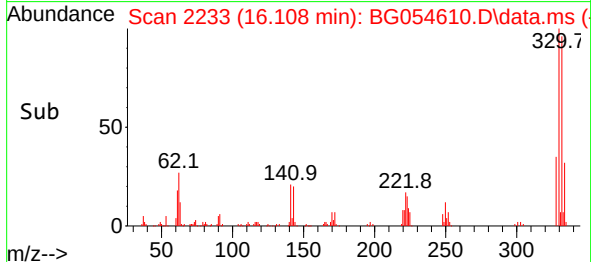
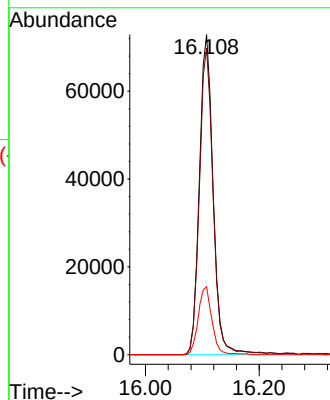
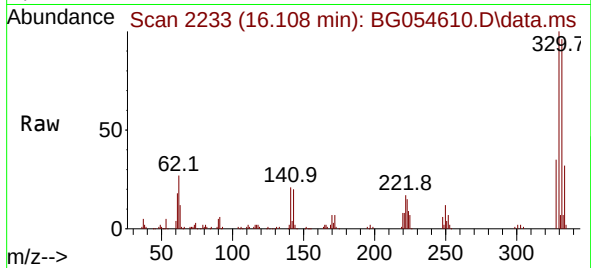




#42
 2,4,6-Tribromophenol
 Concen: 108.256 ng
 RT: 16.108 min Scan# 2168
 Delta R.T. -0.008 min
 Lab File: BG054610.D
 Acq: 11 Aug 2022 18:35

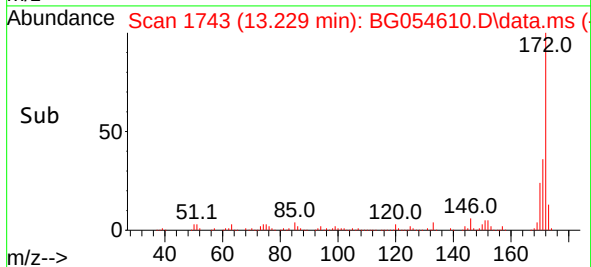
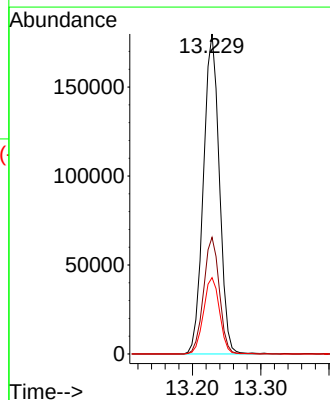
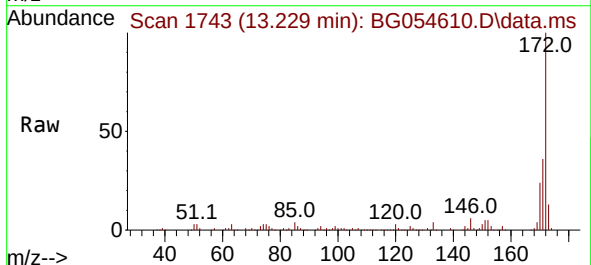
Instrument :
 BNA_G
 ClientSampleId :
 SB06

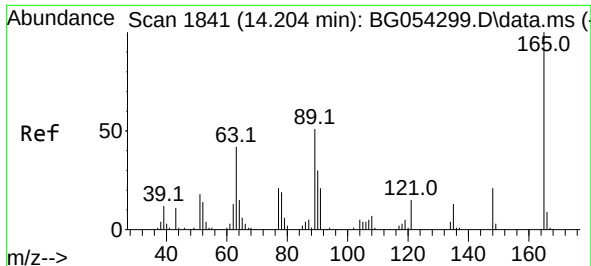
Tgt Ion:330 Resp: 122868
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.0 114.0
 141 21.1 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 76.071 ng
 RT: 13.229 min Scan# 1743
 Delta R.T. -0.008 min
 Lab File: BG054610.D
 Acq: 11 Aug 2022 18:35

Tgt Ion:172 Resp: 291493
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.5 42.7
 170 23.9 18.9 28.3

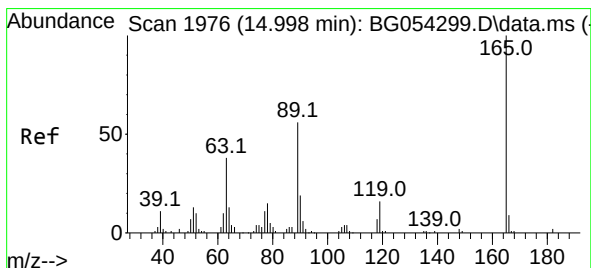
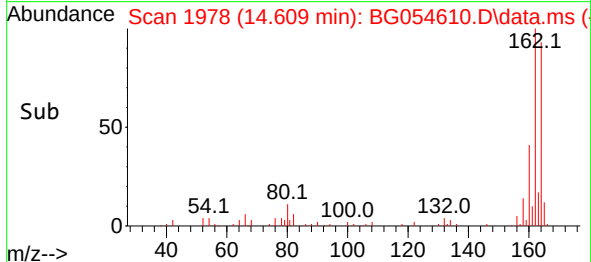
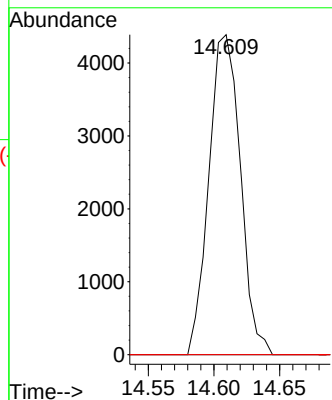
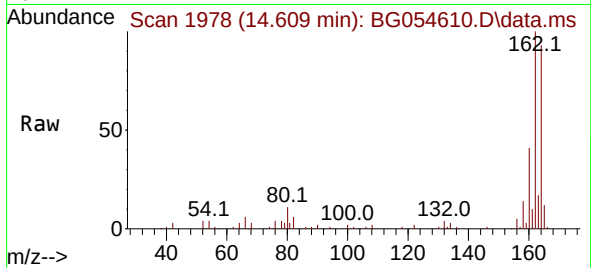




#51
2,6-Dinitrotoluene
Concen: 7.919 ng
RT: 14.609 min Scan# 1978
Delta R.T. 0.415 min
Lab File: BG054610.D
Acq: 11 Aug 2022 18:35

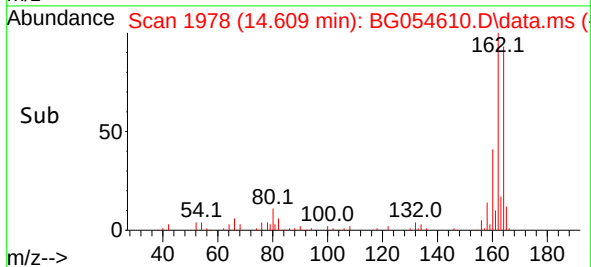
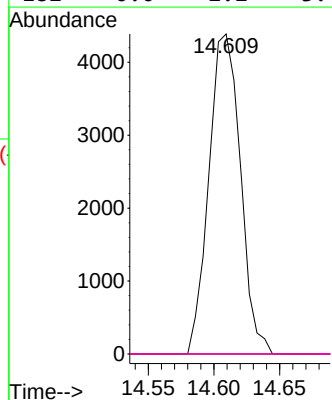
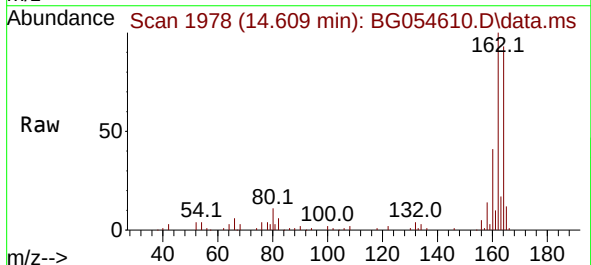
Instrument :
BNA_G
ClientSampleId :
SB06

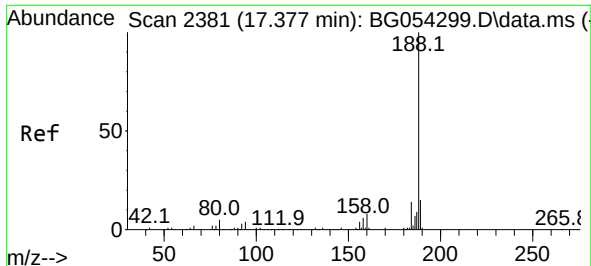
Tgt Ion:165 Resp: 7334
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.524 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.384 min
Lab File: BG054610.D
Acq: 11 Aug 2022 18:35

Tgt Ion:165 Resp: 7334
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#

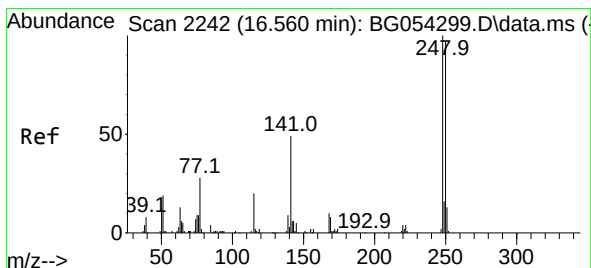
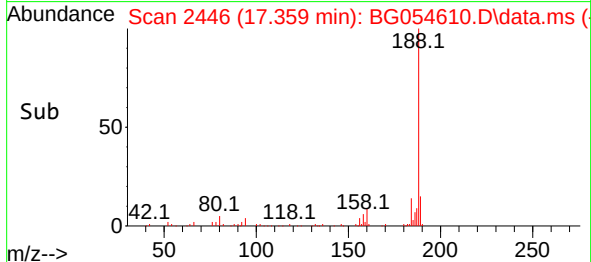
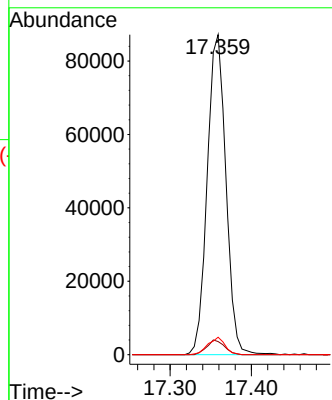
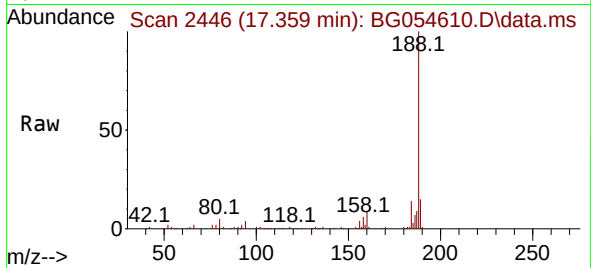




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG054610.D
Acq: 11 Aug 2022 18:35

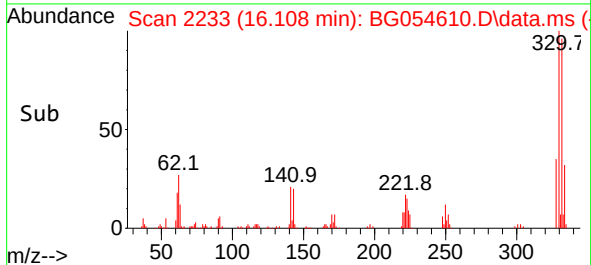
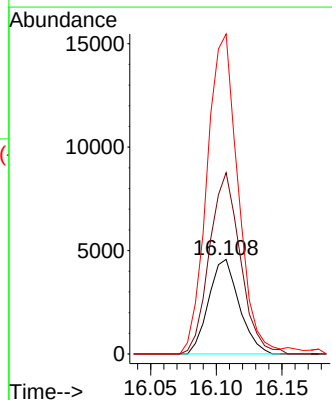
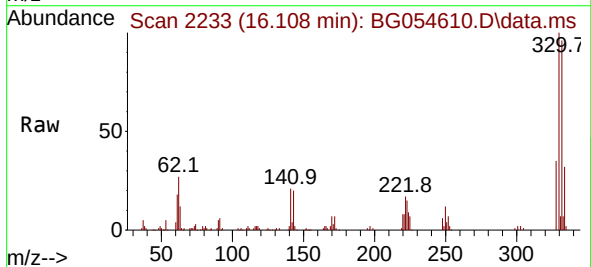
Instrument :
BNA_G
ClientSampleId :
SB06

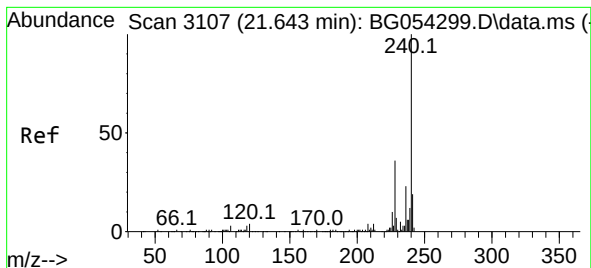
Tgt Ion:188 Resp: 139067
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 5.4 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.779 ng
RT: 16.108 min Scan# 2233
Delta R.T. -0.437 min
Lab File: BG054610.D
Acq: 11 Aug 2022 18:35

Tgt Ion:248 Resp: 7380
Ion Ratio Lower Upper
248 100
250 251.7 75.2 112.8#
141 338.5 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG054610.D

Acq: 11 Aug 2022 18:35

Instrument :

BNA_G

ClientSampleId :

SB06

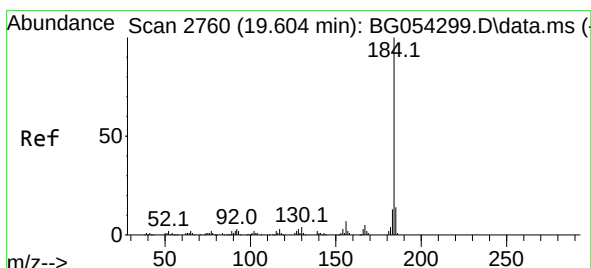
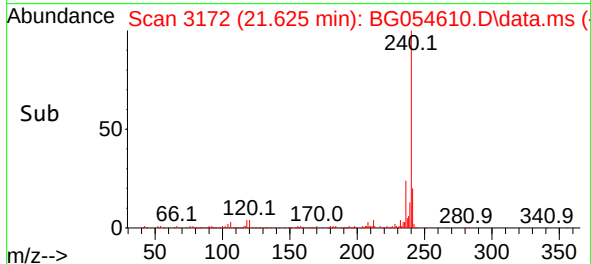
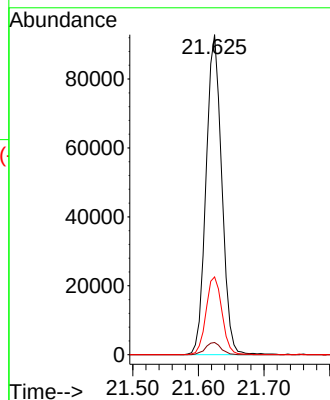
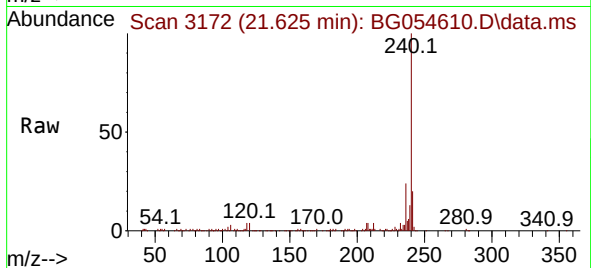
Tgt Ion:240 Resp: 154437

Ion Ratio Lower Upper

240 100

120 3.8 4.6 7.0#

236 24.3 20.2 30.4



#77

Benzidine

Concen: 3.052 ng

RT: 19.968 min Scan# 2890

Delta R.T. 0.374 min

Lab File: BG054610.D

Acq: 11 Aug 2022 18:35

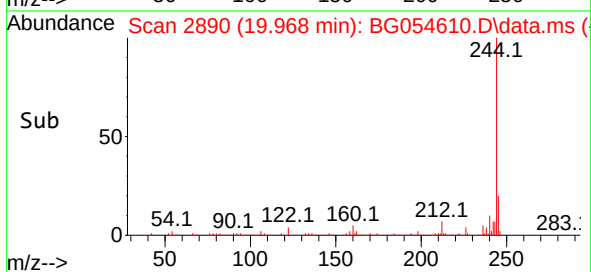
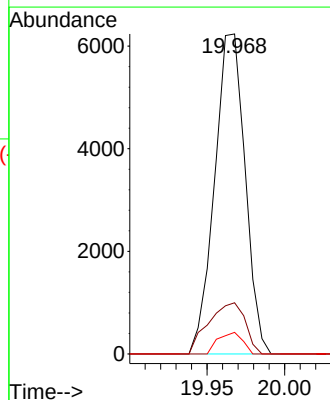
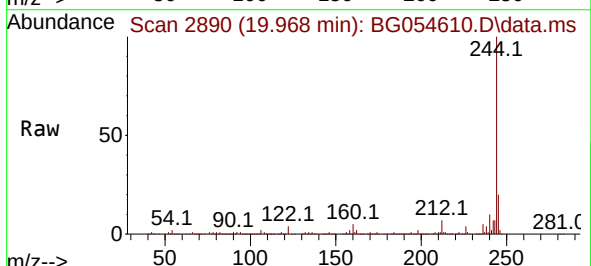
Tgt Ion:184 Resp: 8536

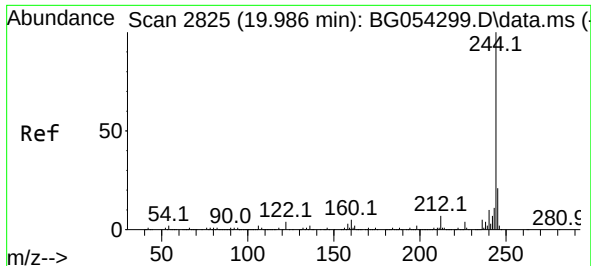
Ion Ratio Lower Upper

184 100

185 16.0 11.8 17.6

183 6.8 8.9 13.3#

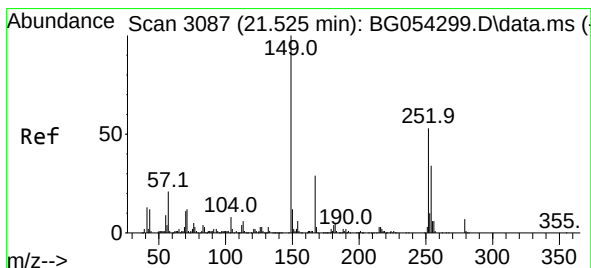
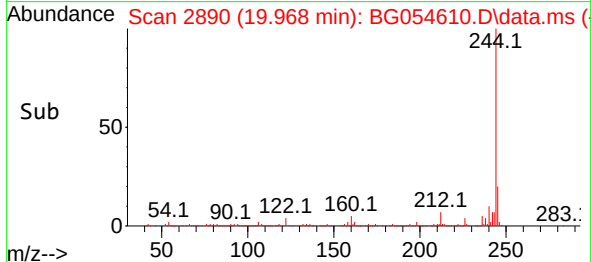
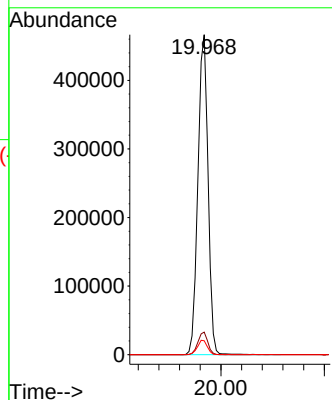
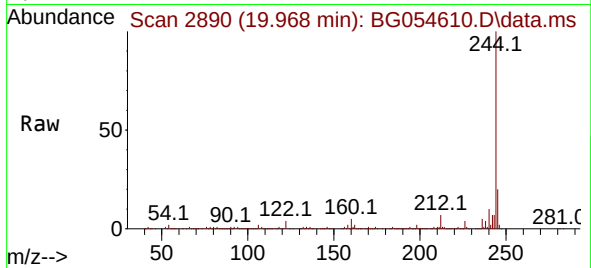




#79
 Terphenyl-d14
 Concen: 81.451 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054610.D
 Acq: 11 Aug 2022 18:35

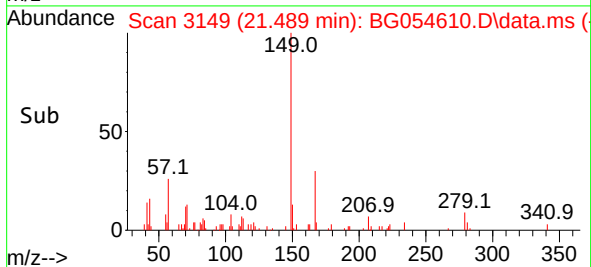
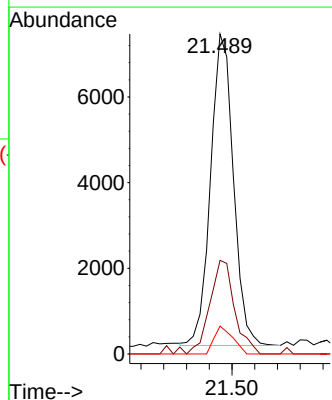
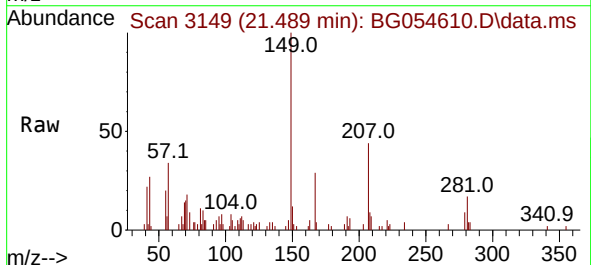
Instrument :
 BNA_G
 ClientSampleId :
 SB06

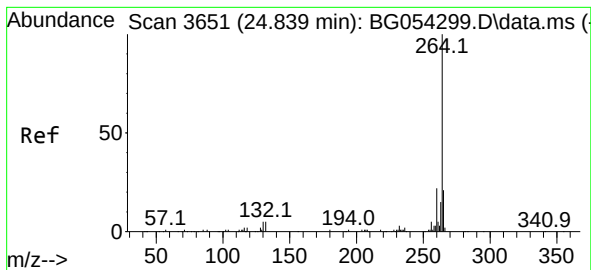
Tgt Ion:244 Resp: 634085
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.4 5.0 7.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.592 ng
 RT: 21.489 min Scan# 3149
 Delta R.T. -0.008 min
 Lab File: BG054610.D
 Acq: 11 Aug 2022 18:35

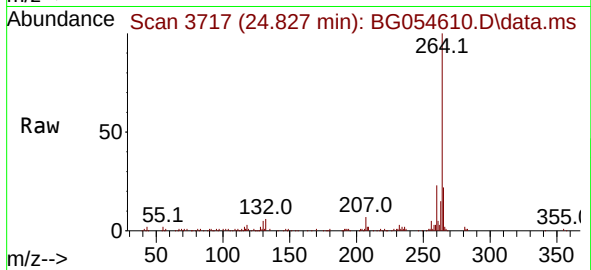
Tgt Ion:149 Resp: 10127
 Ion Ratio Lower Upper
 149 100
 167 29.3 20.2 30.4
 279 8.7 3.6 5.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.827 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG054610.D
Acq: 11 Aug 2022 18:35

Instrument :
BNA_G
ClientSampleId :
SB06



Tgt Ion:264 Resp: 162004

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.7	17.4	26.2

