

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053447.D
 Acq On : 5 May 2022 11:22
 Operator : CG/JU
 Sample : N2665-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4,11

Quant Time: May 06 03:46:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

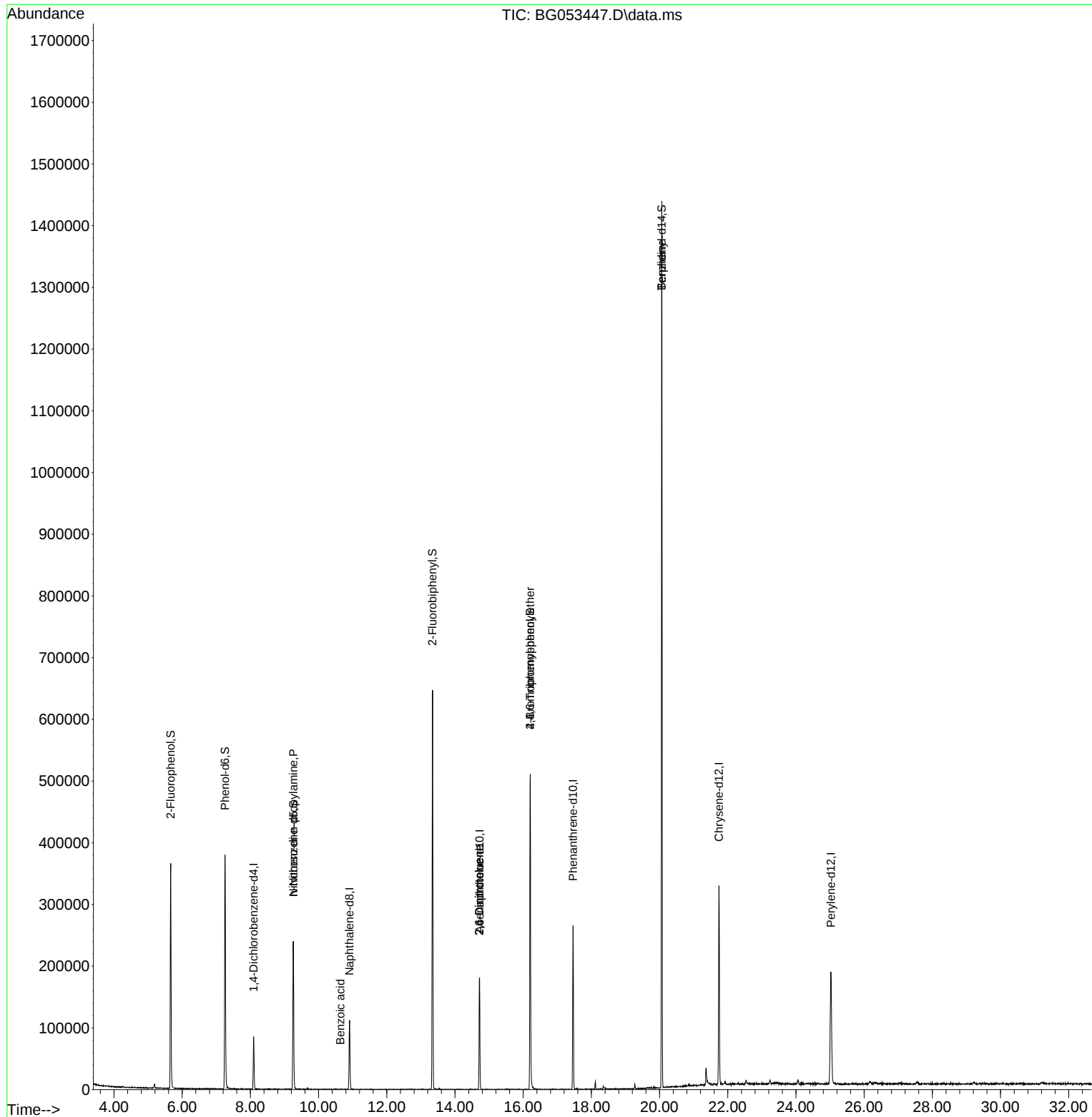
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	23442	20.000	ng	# 0.00
21) Naphthalene-d8	10.908	136	93277	20.000	ng	0.00
39) Acenaphthene-d10	14.720	164	69383	20.000	ng	0.00
64) Phenanthrene-d10	17.464	188	176017	20.000	ng	0.00
76) Chrysene-d12	21.740	240	202829	20.000	ng	0.00
86) Perylene-d12	25.024	264	203925	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.662	112	148419	107.451	ng	0.00
7) Phenol-d6	7.254	99	221619	105.720	ng	0.00
23) Nitrobenzene-d5	9.257	82	160221	73.119	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	107898	105.439	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	340641	71.743	ng	0.00
79) Terphenyl-d14	20.066	244	741429	68.081	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.257	70	22095	14.690	ng	# 78
32) Benzoic acid	10.638	122	55	8.542	ng	# 1
51) 2,6-Dinitrotoluene	14.715	165	9042	8.418	ng	# 16
57) 2,4-Dinitrotoluene	14.715	165	9042	5.807	ng	# 21
67) 4-Bromophenyl-phenylether	16.207	248	7203	3.504	ng	# 1
77) Benzidine	20.066	184	12337	2.822	ng	# 91

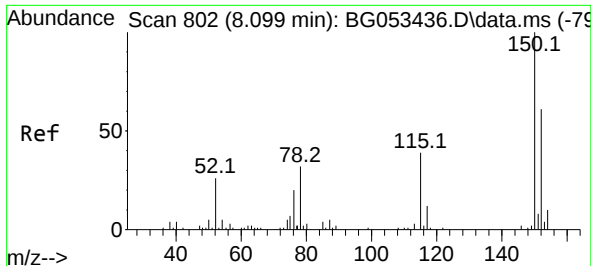
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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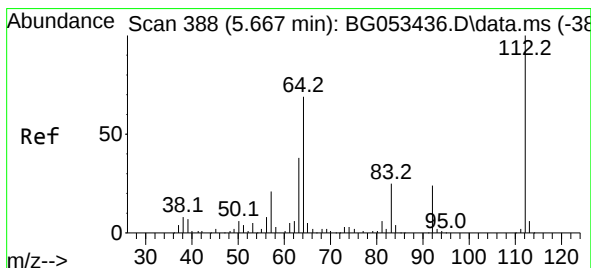
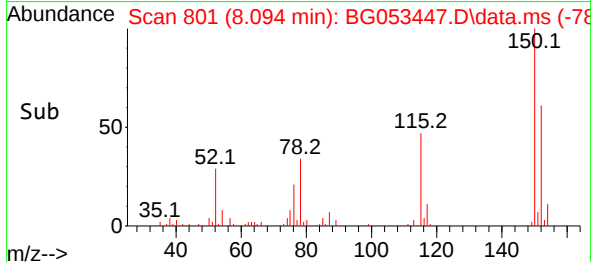
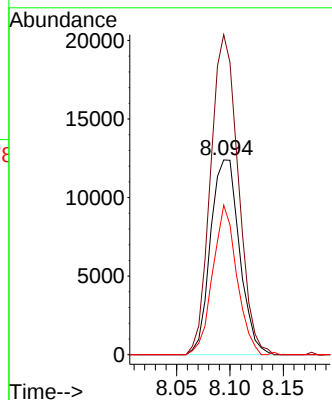
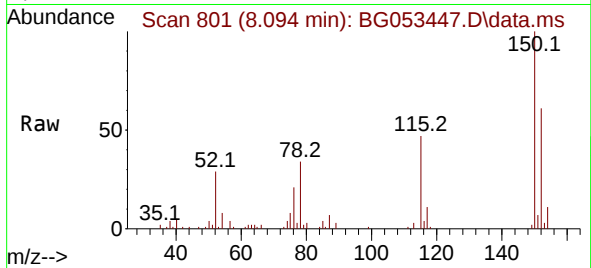




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

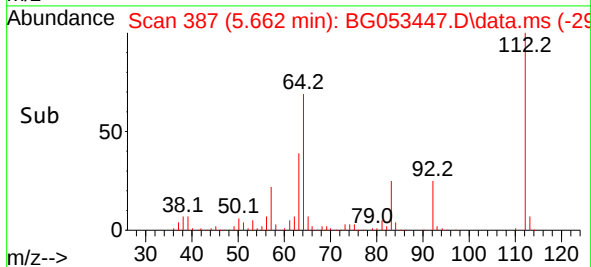
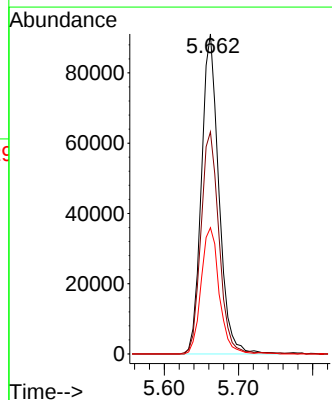
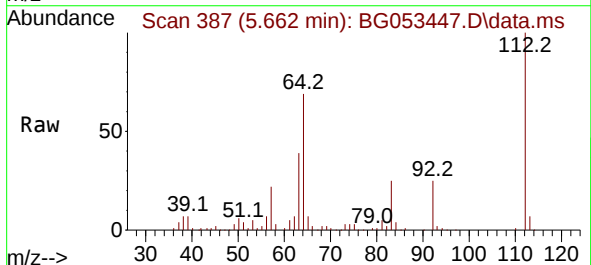
Instrument :
BNA_G
ClientSampleId :
SB-4,11

Tgt Ion:152 Resp: 23442
Ion Ratio Lower Upper
152 100
150 164.3 131.6 197.4
115 76.7 50.9 76.3#



#5
2-Fluorophenol
Concen: 107.451 ng
RT: 5.662 min Scan# 387
Delta R.T. -0.005 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

Tgt Ion:112 Resp: 148419
Ion Ratio Lower Upper
112 100
64 69.4 55.1 82.7
63 39.4 30.4 45.6

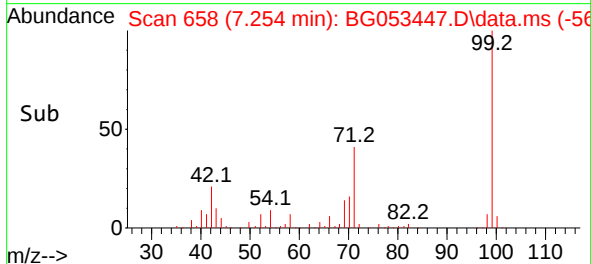
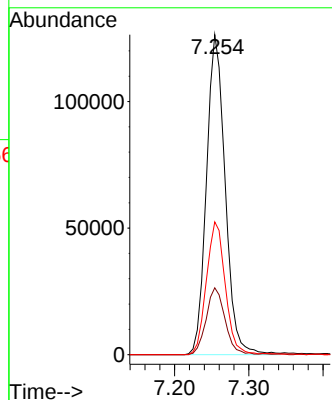
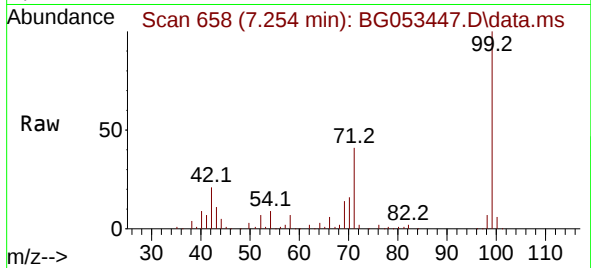




#7
Phenol-d6
Concen: 105.720 ng
RT: 7.254 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

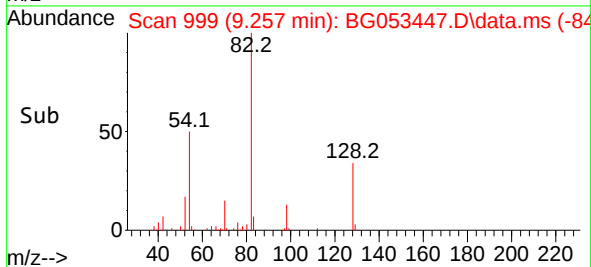
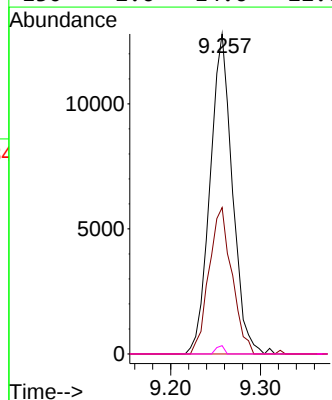
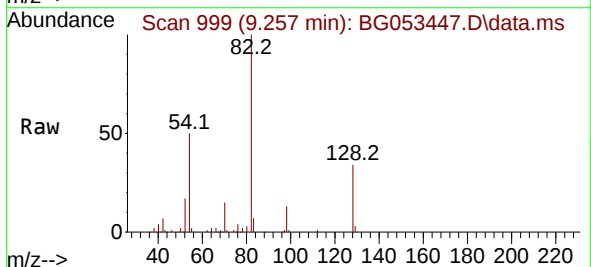
Instrument :
BNA_G
ClientSampleId :
SB-4,11

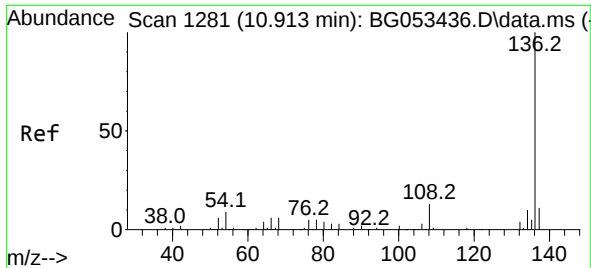
Tgt Ion: 99 Resp: 221619
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 41.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.690 ng
RT: 9.257 min Scan# 999
Delta R.T. 0.360 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

Tgt Ion: 70 Resp: 22095
Ion Ratio Lower Upper
70 100
42 45.8 47.3 70.9#
101 0.0 7.0 10.4#
130 2.6 14.6 22.0#

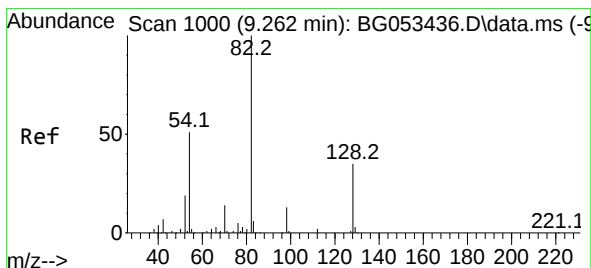
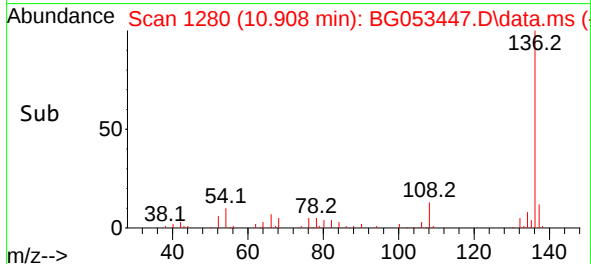
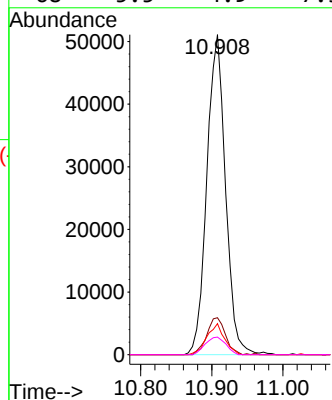
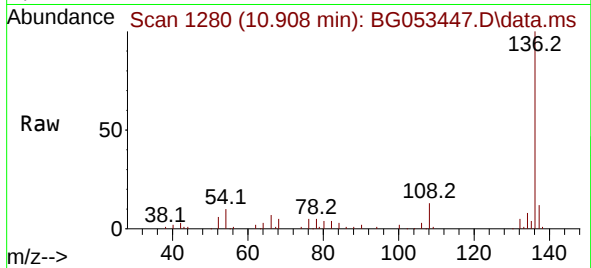




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

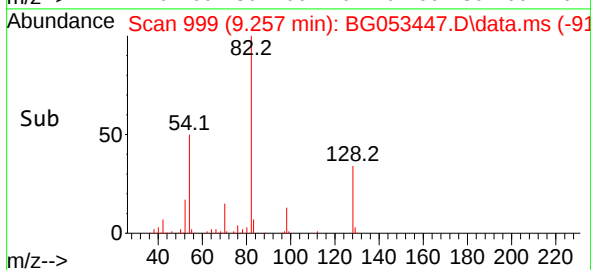
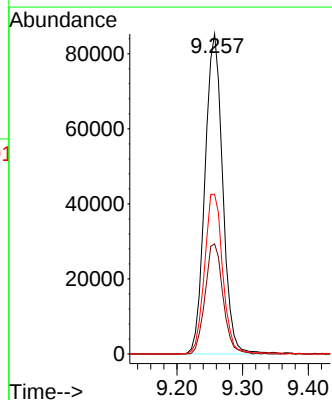
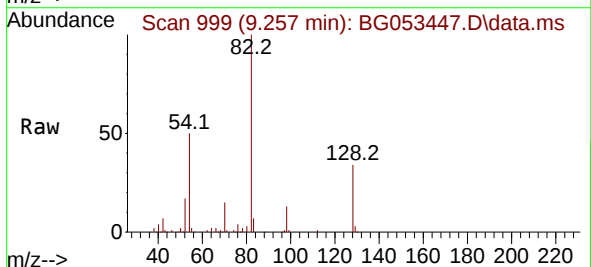
Instrument :
BNA_G
ClientSampleId :
SB-4,11

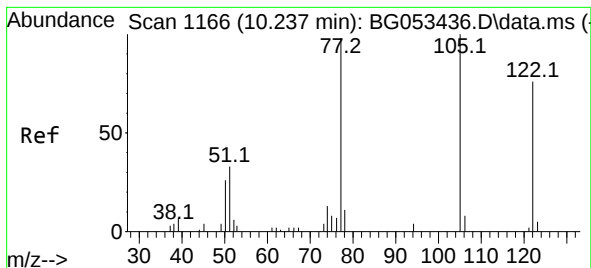
Tgt Ion:136	Resp:	93277
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.5 12.7
54	9.7	7.4 11.2
68	5.5	4.9 7.3



#23
Nitrobenzene-d5
Concen: 73.119 ng
RT: 9.257 min Scan# 999
Delta R.T. -0.005 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

Tgt Ion: 82	Resp:	160221
Ion Ratio	Lower	Upper
82	100	
128	34.4	27.9 41.9
54	49.9	41.2 61.8





#32

Benzoic acid

Concen: 8.542 ng

RT: 10.638 min Scan# 1166

Delta R.T. 0.401 min

Lab File: BG053447.D

Acq: 5 May 2022 11:22

Instrument :

BNA_G

ClientSampleId :

SB-4,11

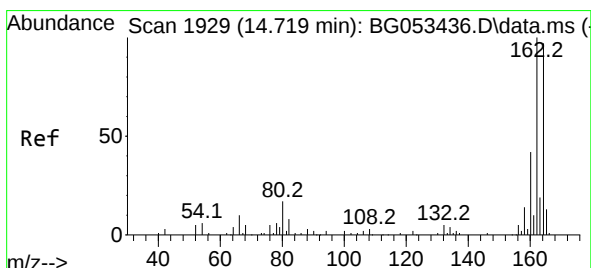
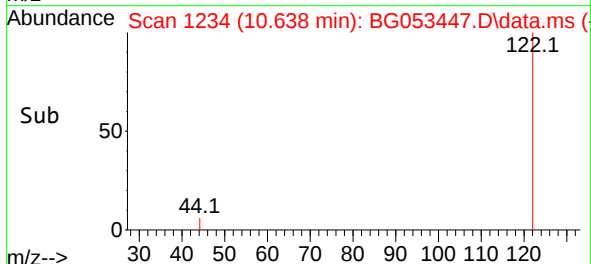
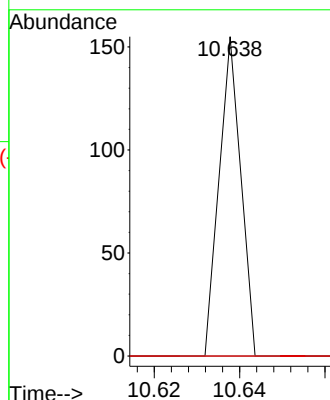
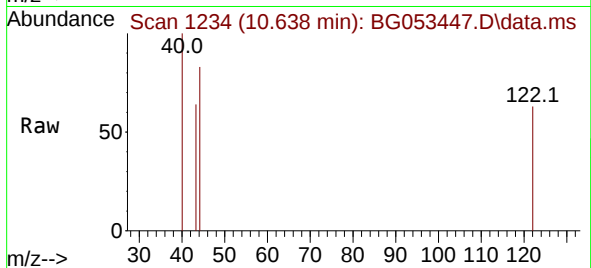
Tgt Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 111.8 151.8#

77 0.0 109.4 149.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.720 min Scan# 1929

Delta R.T. 0.001 min

Lab File: BG053447.D

Acq: 5 May 2022 11:22

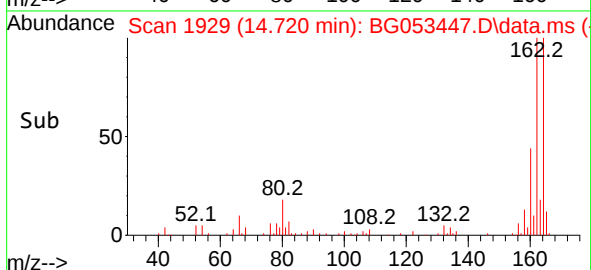
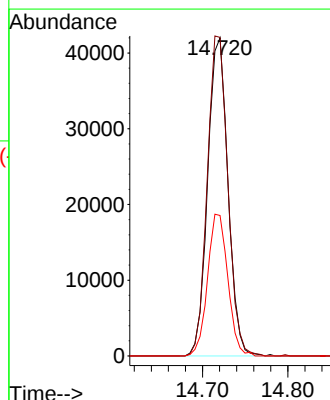
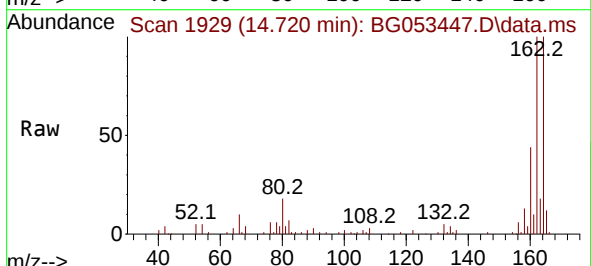
Tgt Ion:164 Resp: 69383

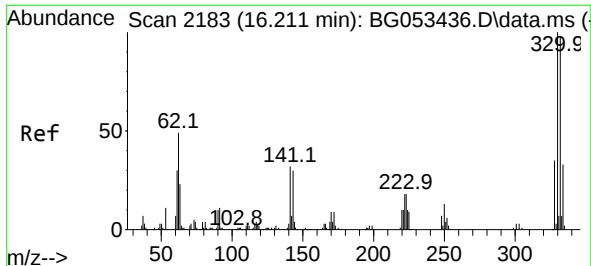
Ion Ratio Lower Upper

164 100

162 100.2 82.3 123.5

160 44.2 34.2 51.2

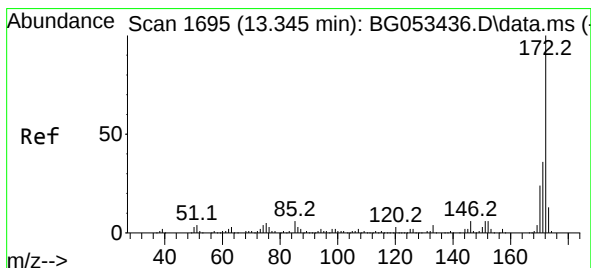
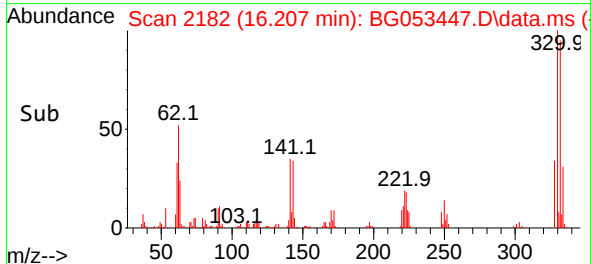
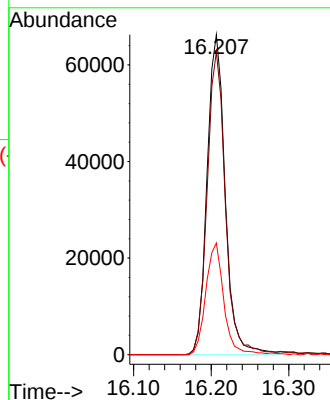
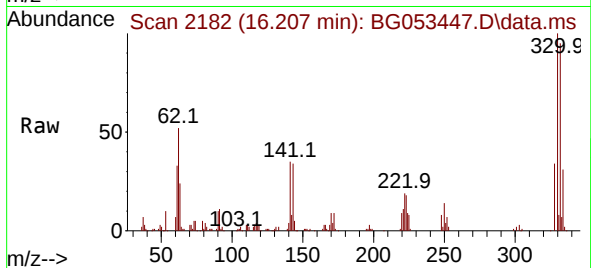




#42
 2,4,6-Tribromophenol
 Concen: 105.439 ng
 RT: 16.207 min Scan# 2183
 Delta R.T. -0.004 min
 Lab File: BG053447.D
 Acq: 5 May 2022 11:22

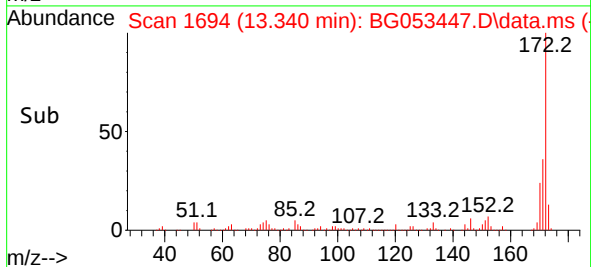
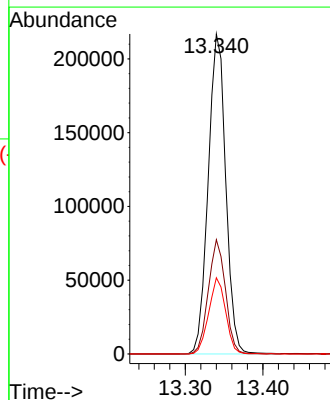
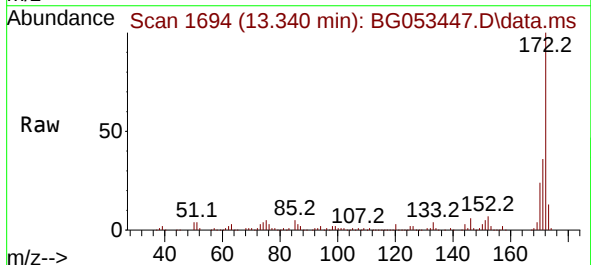
Instrument :
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 SB-4,11

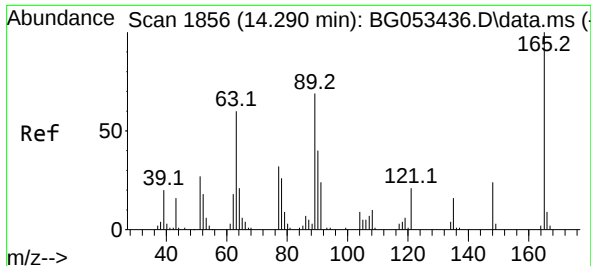
Tgt Ion:330 Resp: 107898
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.0 114.0
 141 34.5 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 71.743 ng
 RT: 13.340 min Scan# 1694
 Delta R.T. -0.005 min
 Lab File: BG053447.D
 Acq: 5 May 2022 11:22

Tgt Ion:172 Resp: 340641
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.8 18.9 28.3

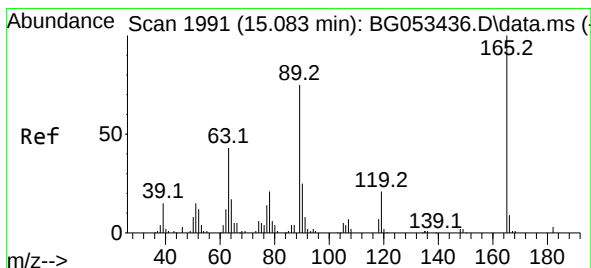
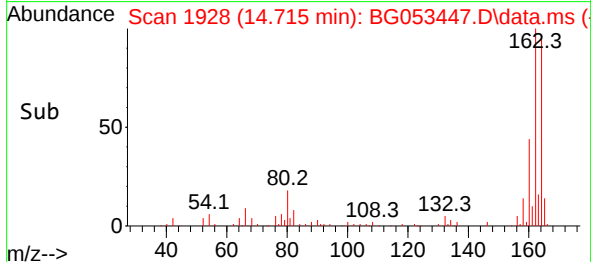
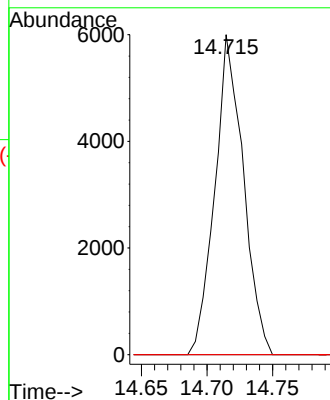
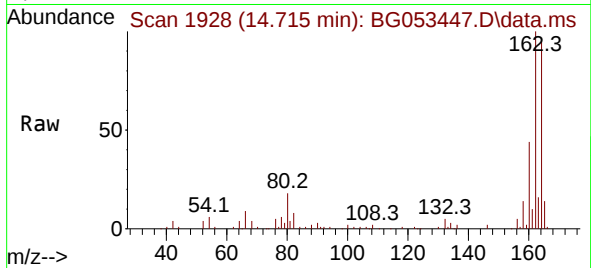




#51
2,6-Dinitrotoluene
Concen: 8.418 ng
RT: 14.715 min Scan# 1928
Delta R.T. 0.424 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

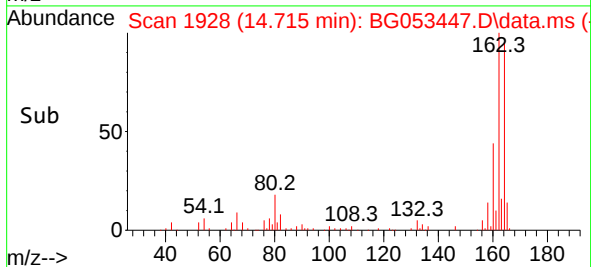
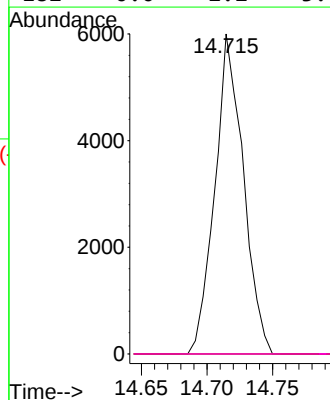
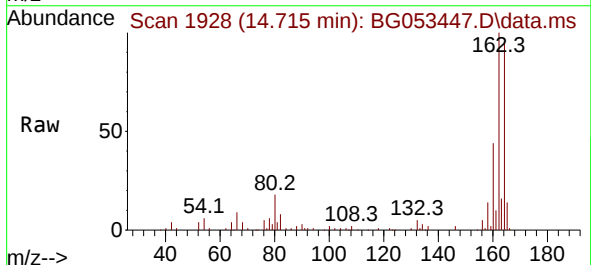
Instrument :
BNA_G
ClientSampleId :
SB-4,11

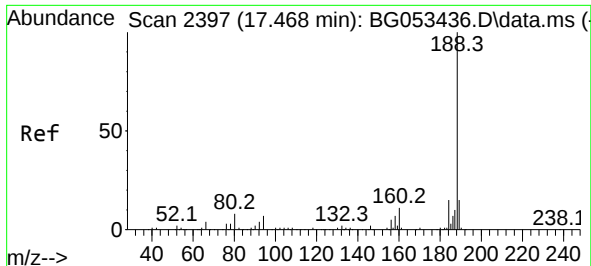
Tgt Ion:165 Resp: 9042
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.807 ng
RT: 14.715 min Scan# 1928
Delta R.T. -0.369 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

Tgt Ion:165 Resp: 9042
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#

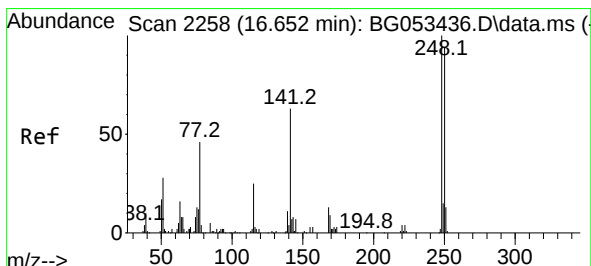
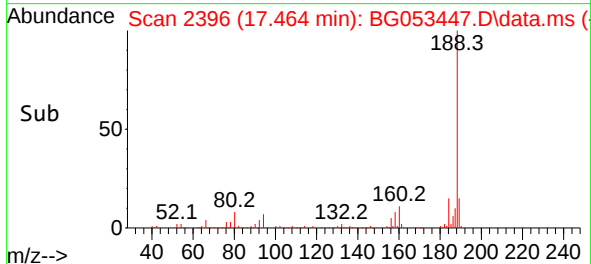
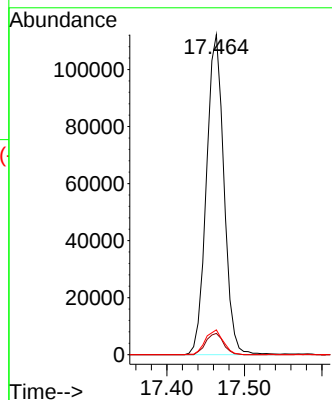
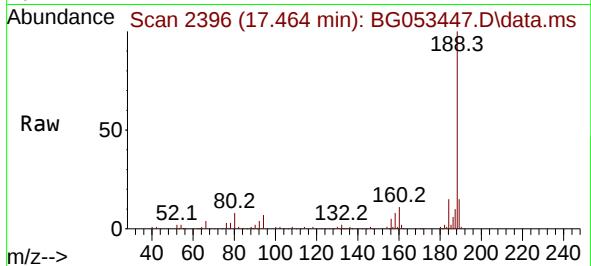




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.464 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

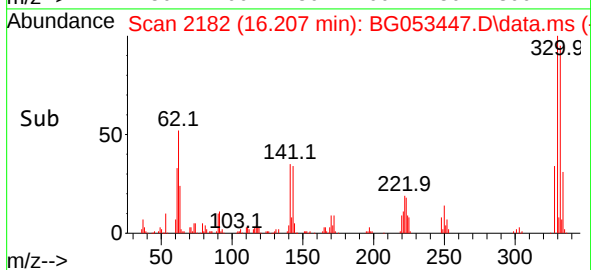
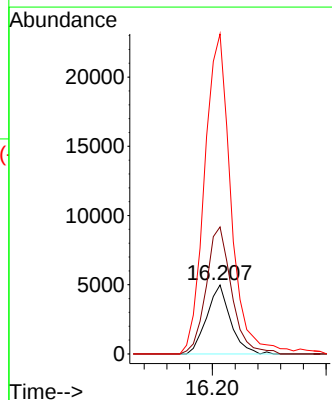
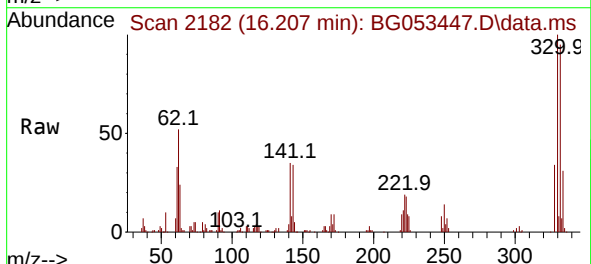
Instrument :
BNA_G
ClientSampleId :
SB-4,11

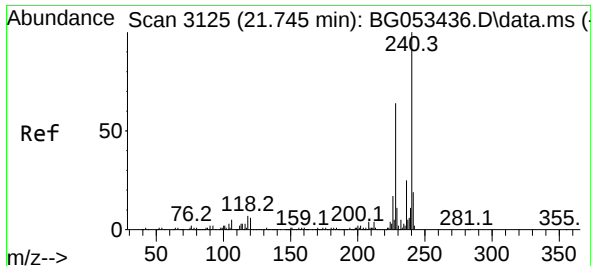
Tgt Ion:188 Resp: 176017
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.8 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 3.504 ng
RT: 16.207 min Scan# 2182
Delta R.T. -0.445 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

Tgt Ion:248 Resp: 7203
Ion Ratio Lower Upper
248 100
250 184.1 75.2 112.8#
141 463.7 50.0 75.0#

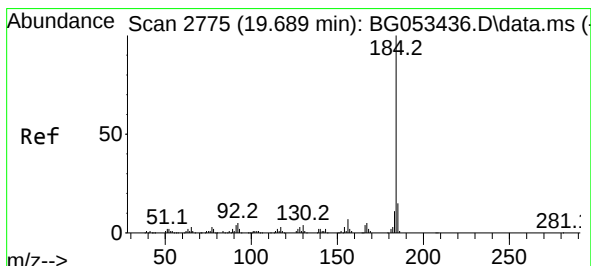
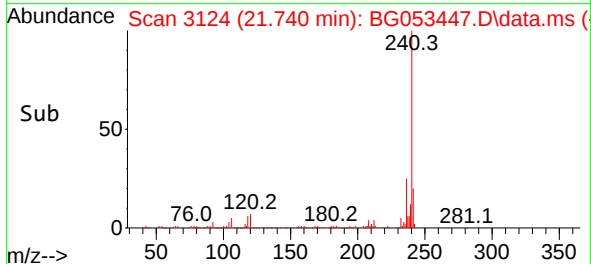
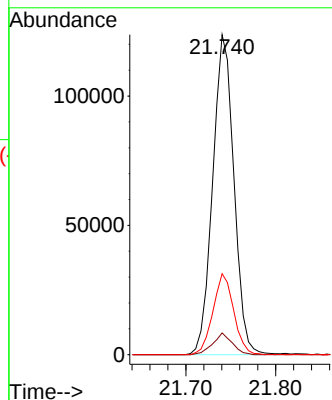
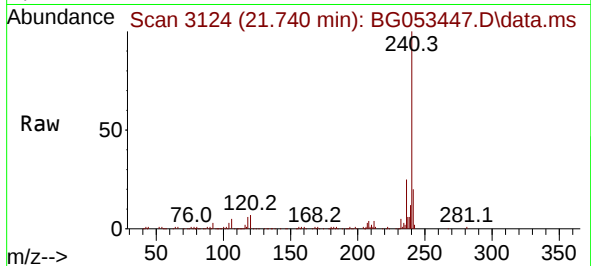




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

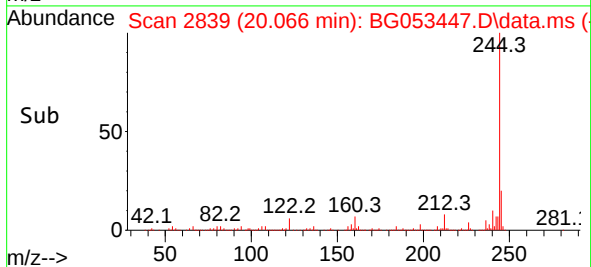
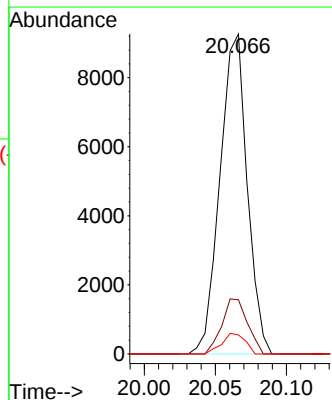
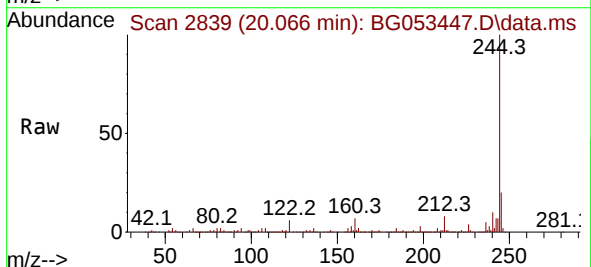
Instrument :
BNA_G
ClientSampleId :
SB-4,11

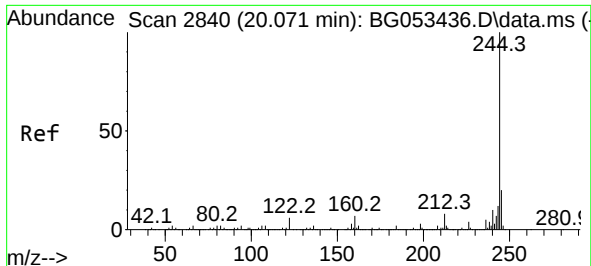
Tgt Ion:240 Resp: 202829
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 25.3 20.2 30.4



#77
Benzidine
Concen: 2.822 ng
RT: 20.066 min Scan# 2839
Delta R.T. 0.377 min
Lab File: BG053447.D
Acq: 5 May 2022 11:22

Tgt Ion:184 Resp: 12337
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.6
183 6.0 8.9 13.3#

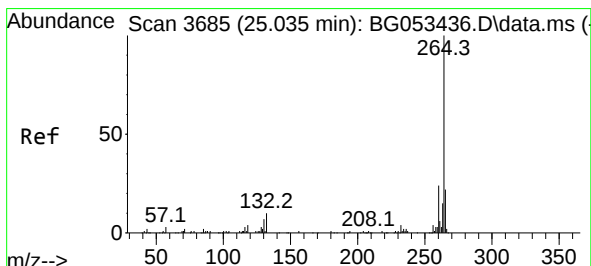
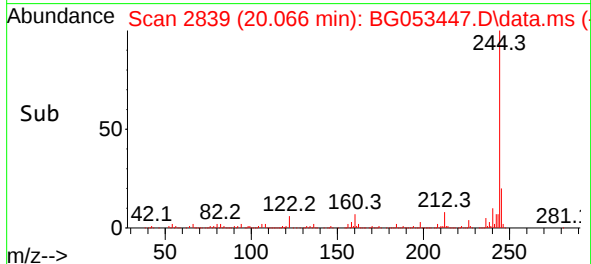
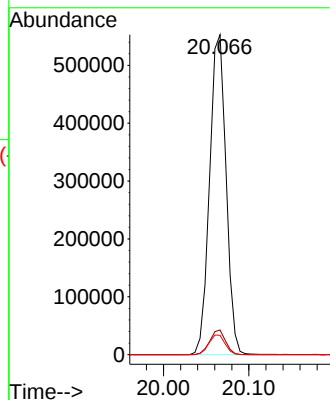
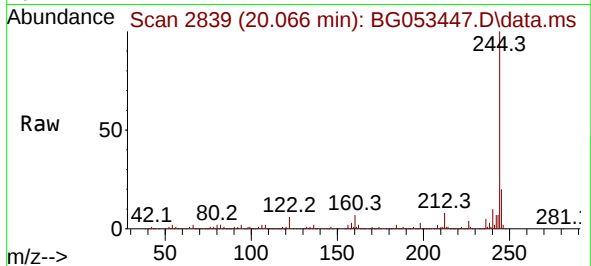




#79
 Terphenyl-d14
 Concen: 68.081 ng
 RT: 20.066 min Scan# 2839
 Delta R.T. -0.005 min
 Lab File: BG053447.D
 Acq: 5 May 2022 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-4,11

Tgt Ion:244 Resp: 741429
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.024 min Scan# 3683
 Delta R.T. -0.010 min
 Lab File: BG053447.D
 Acq: 5 May 2022 11:22

Tgt Ion:264 Resp: 203925
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.5 17.4 26.2

