

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052510.D
 Acq On : 28 Feb 2022 20:39
 Operator : CG/JU
 Sample : N1687-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-17-22-DRUM

Quant Time: Mar 01 01:00:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

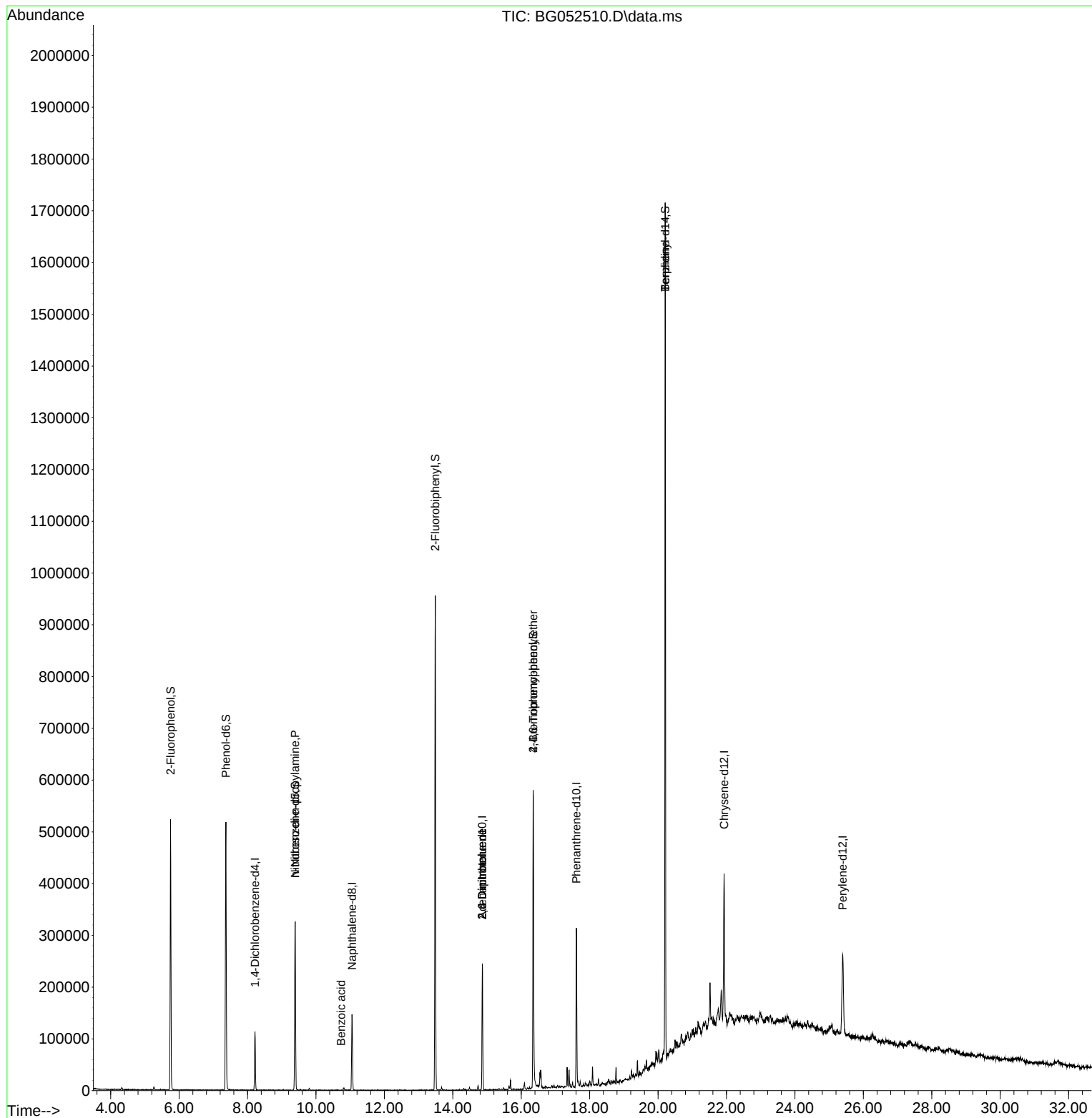
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	32160	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	128175	20.000	ng	-0.01
39) Acenaphthene-d10	14.861	164	88569	20.000	ng	-0.01
64) Phenanthrene-d10	17.611	188	199805	20.000	ng	-0.01
76) Chrysene-d12	21.928	240	184025	20.000	ng	-0.01
86) Perylene-d12	25.394	264	186958	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	223395	121.065	ng	0.00
7) Phenol-d6	7.366	99	309182	108.595	ng	0.00
23) Nitrobenzene-d5	9.386	82	214167	72.619	ng	-0.01
42) 2,4,6-Tribromophenol	16.353	330	131793	103.575	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	509058	79.865	ng	0.00
79) Terphenyl-d14	20.207	244	833645	79.995	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.392	70	29154	13.583	ng	# 69
32) Benzoic acid	10.738	122	59	6.022	ng	# 1
51) 2,6-Dinitrotoluene	14.861	165	11774	8.042	ng	# 16
57) 2,4-Dinitrotoluene	14.861	165	11774	5.650	ng	# 15
67) 4-Bromophenyl-phenylether	16.353	248	8413	3.462	ng	# 1
77) Benzidine	20.207	184	12580	3.199	ng	# 90

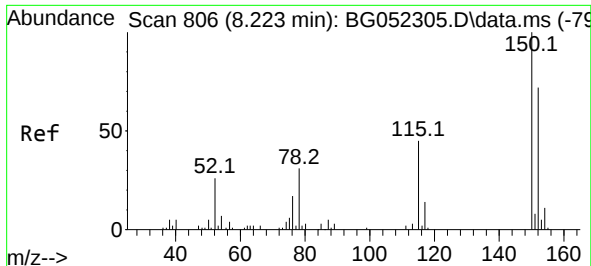
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 08 01:21:20 2022
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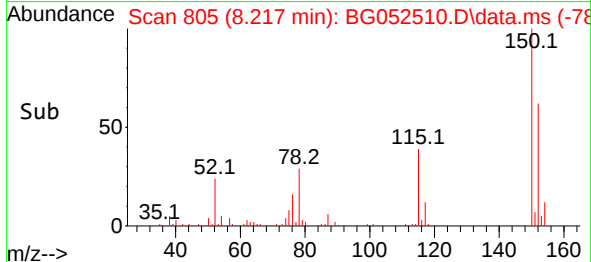
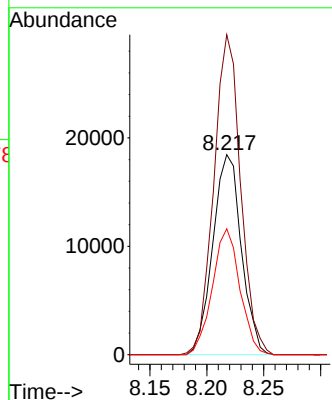
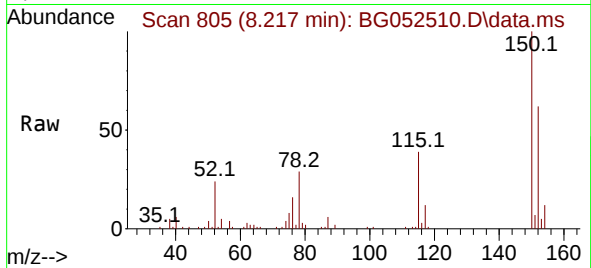




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG052510.D
Acq: 28 Feb 2022 20:39

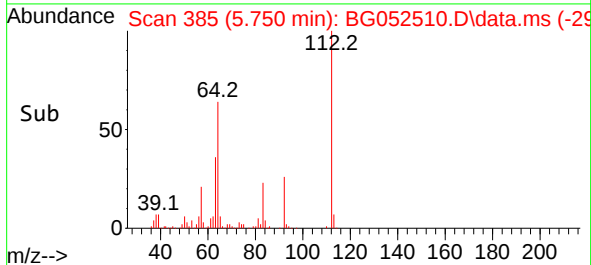
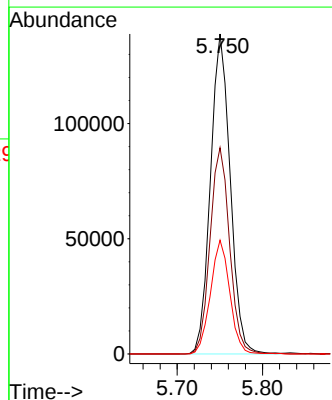
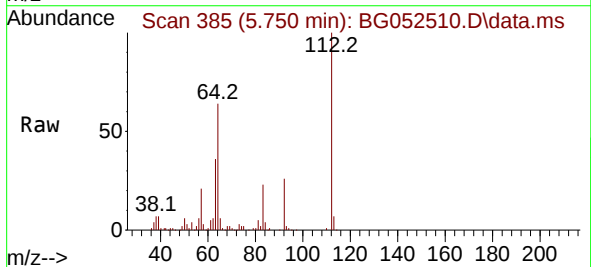
Instrument :
BNA_G
ClientSampleId :
2-17-22-DRUM

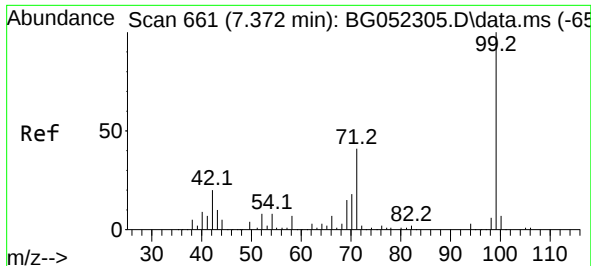
Tgt Ion:152 Resp: 32160
Ion Ratio Lower Upper
152 100
150 160.0 117.8 176.8
115 62.9 50.2 75.2



#5
2-Fluorophenol
Concen: 121.065 ng
RT: 5.750 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG052510.D
Acq: 28 Feb 2022 20:39

Tgt Ion:112 Resp: 223395
Ion Ratio Lower Upper
112 100
64 64.4 60.4 90.6
63 35.5 33.3 49.9

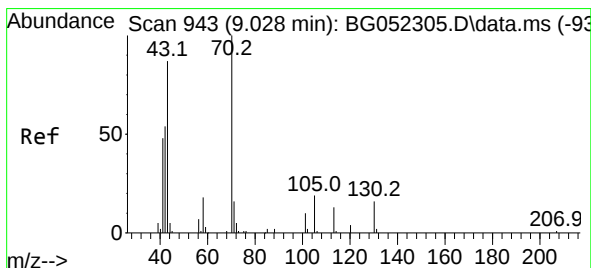
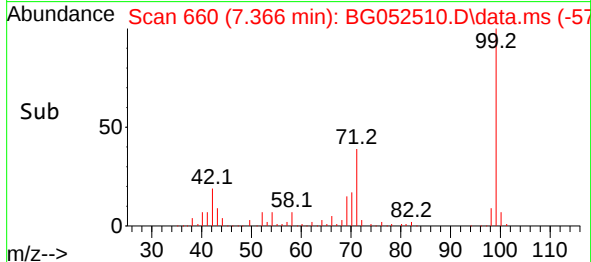
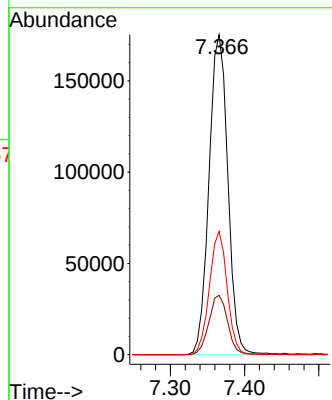
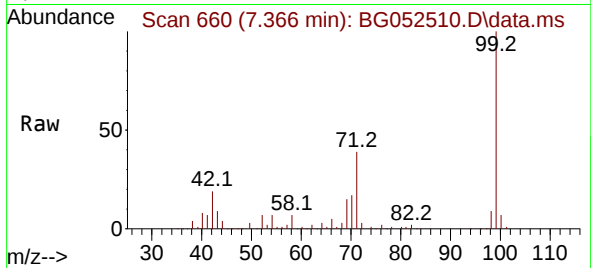




#7
Phenol-d6
Concen: 108.595 ng
RT: 7.366 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG052510.D
Acq: 28 Feb 2022 20:39

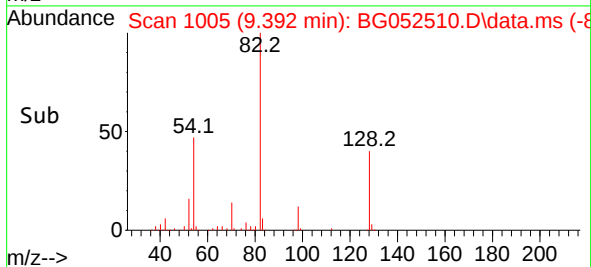
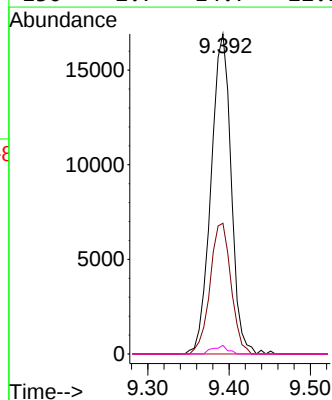
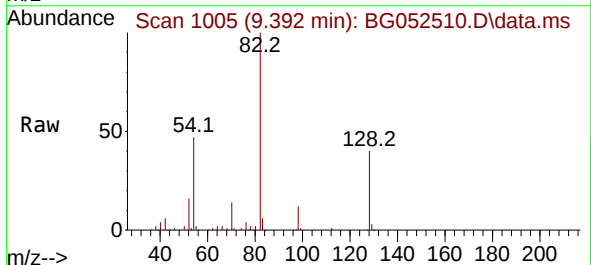
Instrument :
BNA_G
ClientSampleId :
2-17-22-DRUM

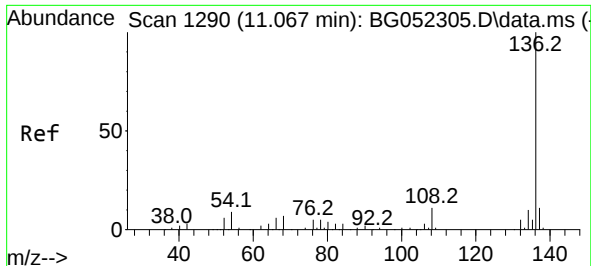
Tgt Ion: 99 Resp: 309182
Ion Ratio Lower Upper
99 100
42 18.5 19.1 28.7#
71 38.6 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.583 ng
RT: 9.392 min Scan# 1005
Delta R.T. 0.364 min
Lab File: BG052510.D
Acq: 28 Feb 2022 20:39

Tgt Ion: 70 Resp: 29154
Ion Ratio Lower Upper
70 100
42 40.9 51.8 77.6#
101 0.0 6.6 10.0#
130 2.7 14.7 22.1#

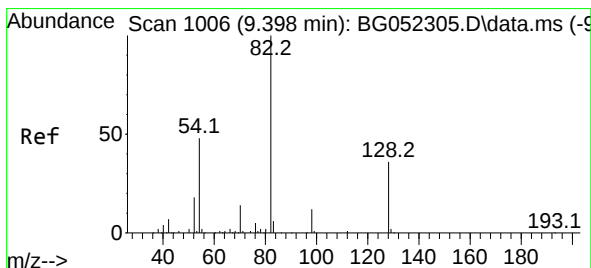
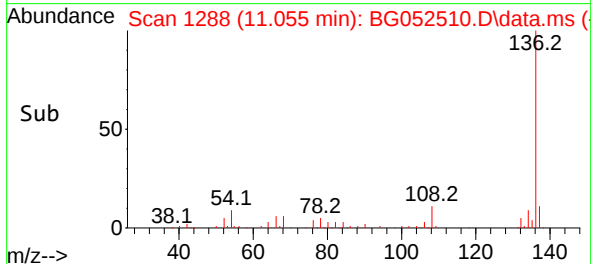
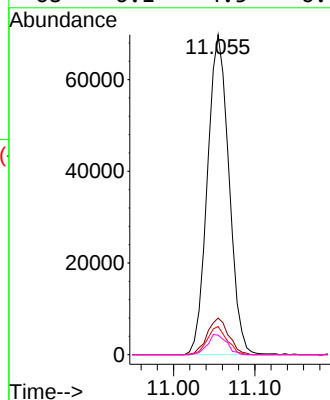
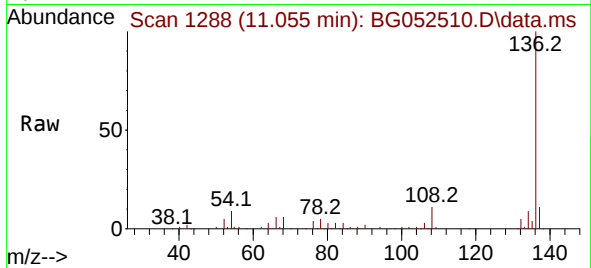




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BG052510.D
Acq: 28 Feb 2022 20:39

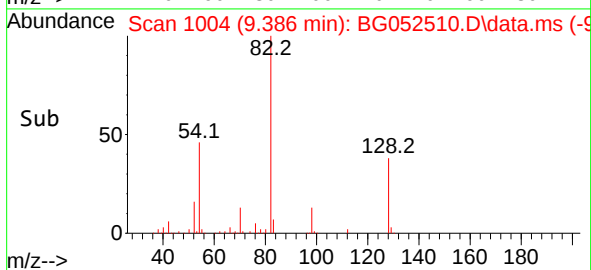
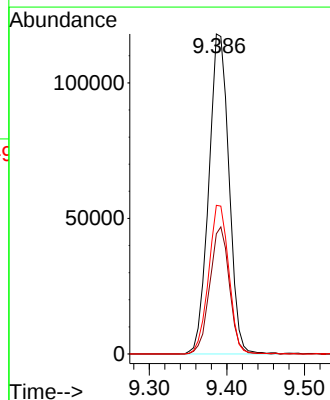
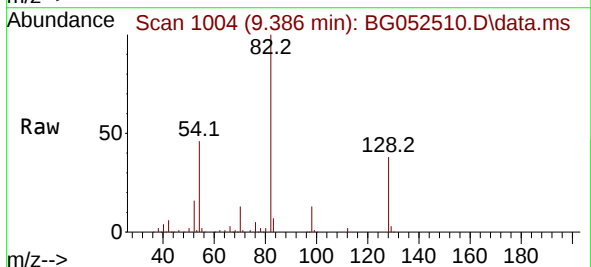
Instrument :
BNA_G
ClientSampleId :
2-17-22-DRUM

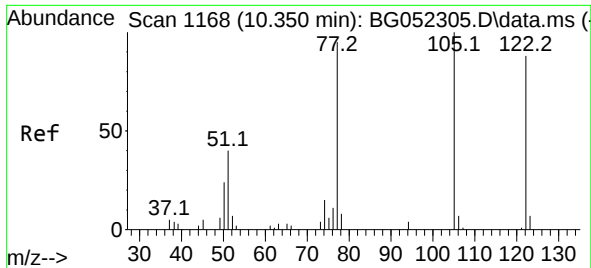
Tgt Ion:	136	Resp:	128175
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.8	8.3	12.5
68	6.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 72.619 ng
RT: 9.386 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BG052510.D
Acq: 28 Feb 2022 20:39

Tgt Ion:	82	Resp:	214167
Ion	Ratio	Lower	Upper
82	100		
128	37.5	27.0	40.4
54	46.4	41.0	61.6

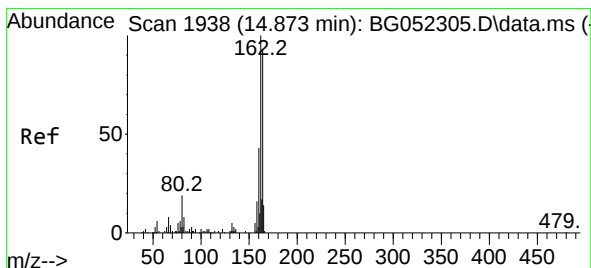
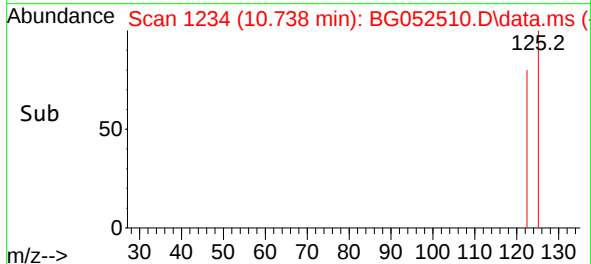
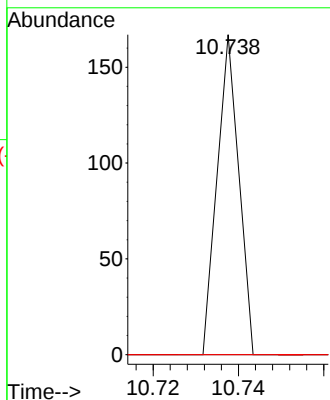
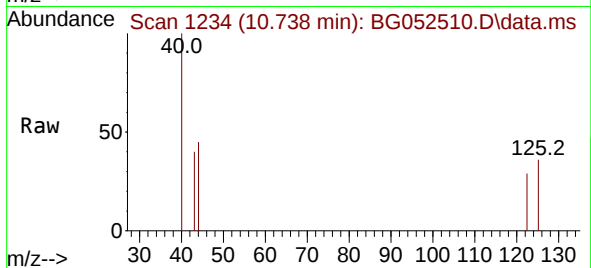




#32
Benzoic acid
Concen: 6.022 ng
RT: 10.738 min Scan# 1168
Delta R.T. 0.388 min
Lab File: BG052510.D
Acq: 28 Feb 2022 20:39

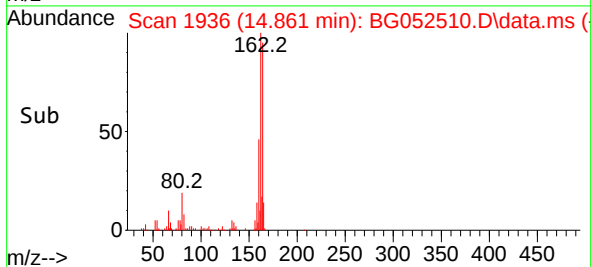
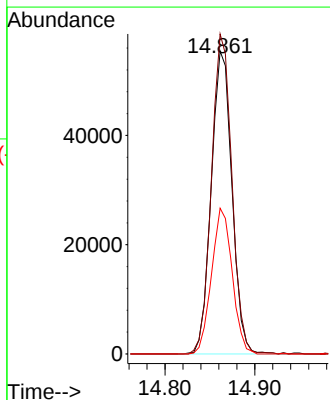
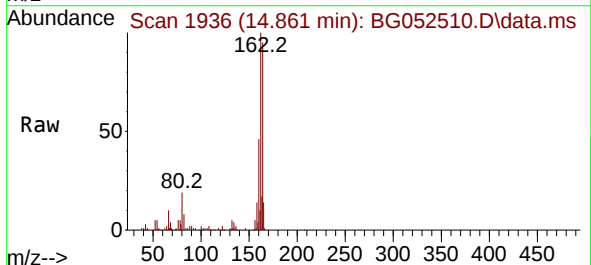
Instrument :
BNA_G
ClientSampleId :
2-17-22-DRUM

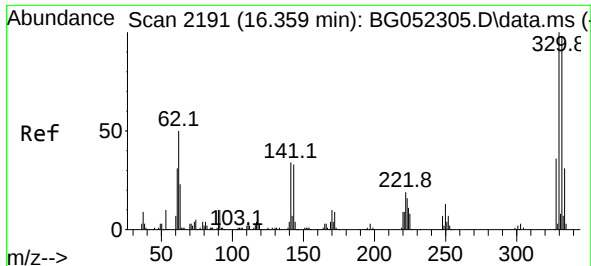
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 109.2 149.2#
77 0.0 92.8 132.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.861 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BG052510.D
Acq: 28 Feb 2022 20:39

Tgt Ion:164 Resp: 88569
Ion Ratio Lower Upper
164 100
162 105.7 82.2 123.2
160 48.1 36.2 54.2

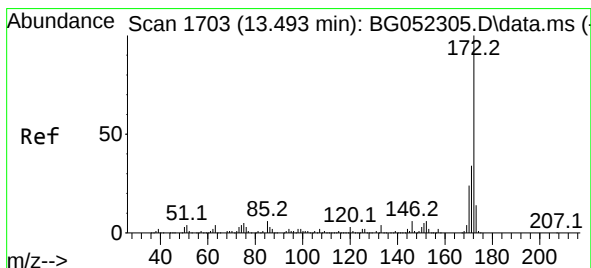
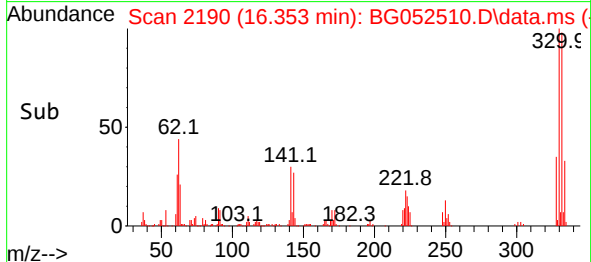
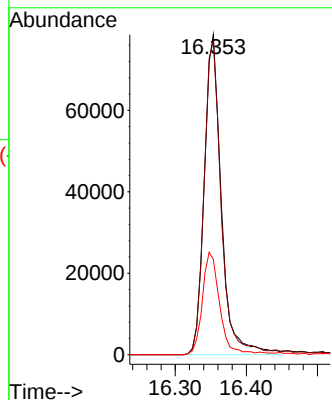
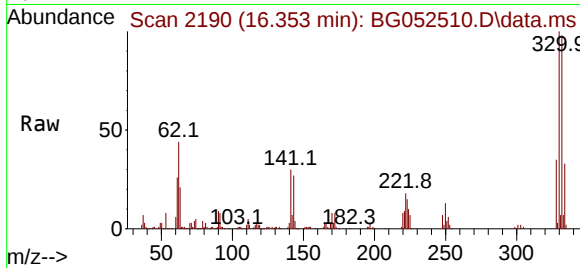




#42
 2,4,6-Tribromophenol
 Concen: 103.575 ng
 RT: 16.353 min Scan# 2190
 Delta R.T. -0.006 min
 Lab File: BG052510.D
 Acq: 28 Feb 2022 20:39

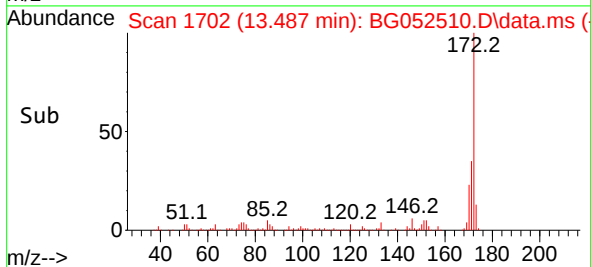
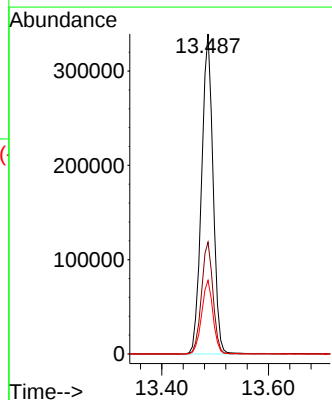
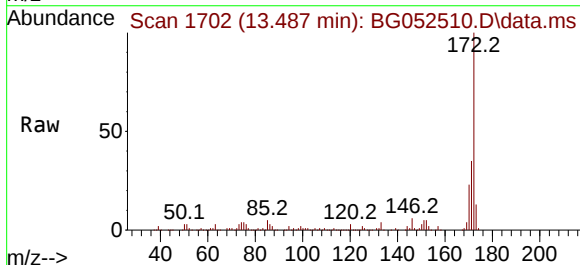
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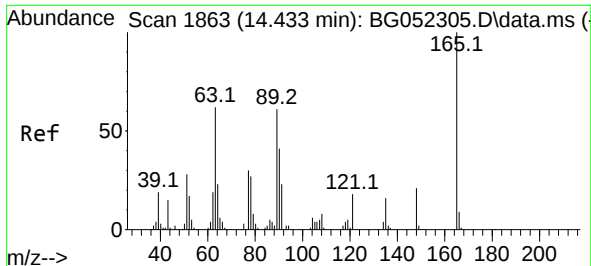
Tgt Ion:330 Resp: 131793
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.6 117.8
 141 32.6 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 79.865 ng
 RT: 13.487 min Scan# 1702
 Delta R.T. -0.006 min
 Lab File: BG052510.D
 Acq: 28 Feb 2022 20:39

Tgt Ion:172 Resp: 509058
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 23.0 18.3 27.5





#51

2,6-Dinitrotoluene

Concen: 8.042 ng

RT: 14.861 min Scan# 1936

Delta R.T. 0.429 min

Lab File: BG052510.D

Acq: 28 Feb 2022 20:39

Instrument :

BNA_G

ClientSampleId :

2-17-22-DRUM

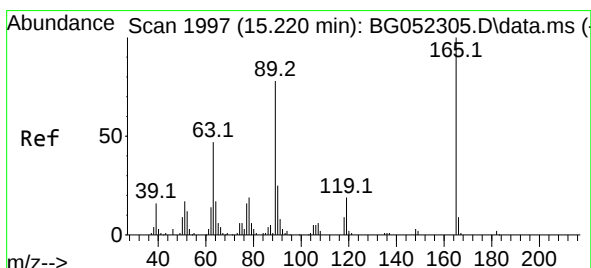
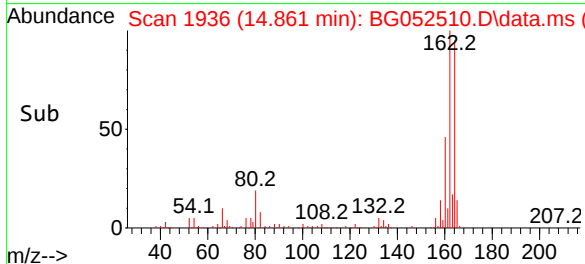
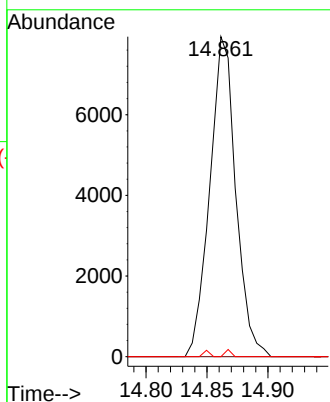
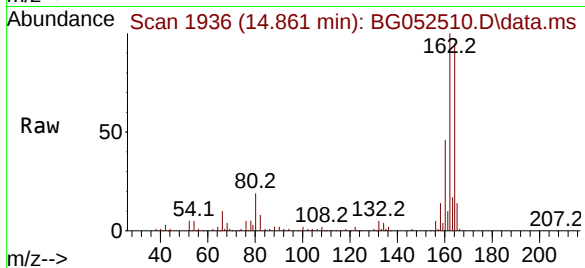
Tgt Ion:165 Resp: 11774

Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 0.0 49.4 74.0#



#57

2,4-Dinitrotoluene

Concen: 5.650 ng

RT: 14.861 min Scan# 1936

Delta R.T. -0.358 min

Lab File: BG052510.D

Acq: 28 Feb 2022 20:39

Tgt Ion:165 Resp: 11774

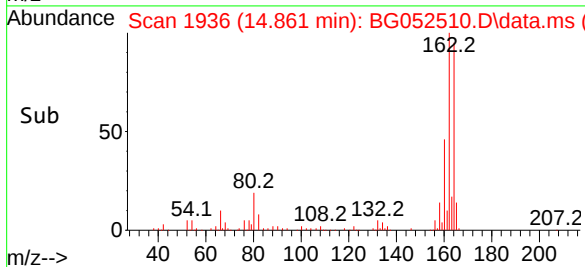
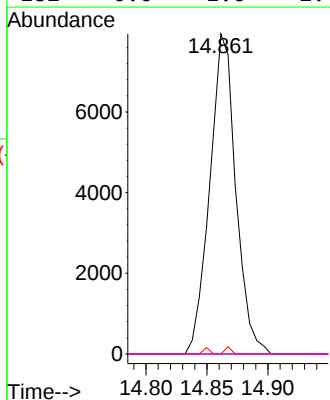
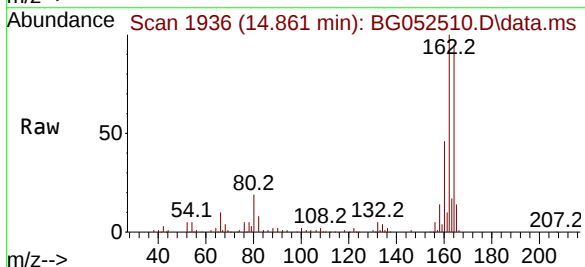
Ion Ratio Lower Upper

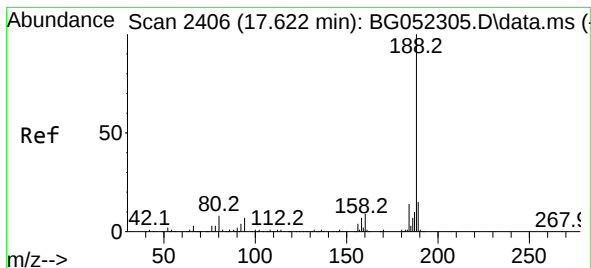
165 100

63 0.0 44.6 66.8#

89 0.0 67.4 101.0#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.611 min Scan# 2404

Delta R.T. -0.012 min

Lab File: BG052510.D

Acq: 28 Feb 2022 20:39

Instrument :

BNA_G

ClientSampleId :

2-17-22-DRUM

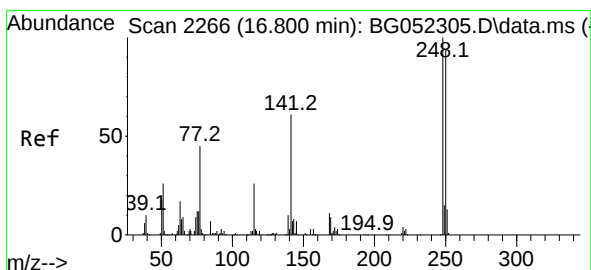
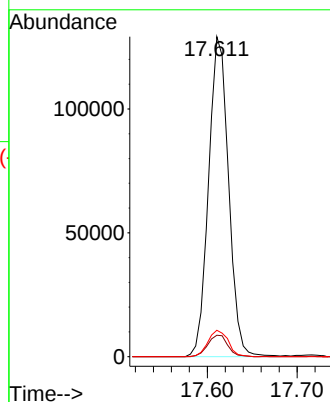
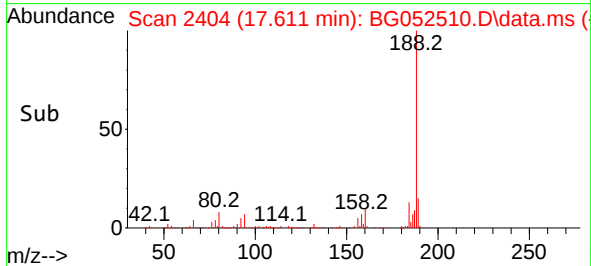
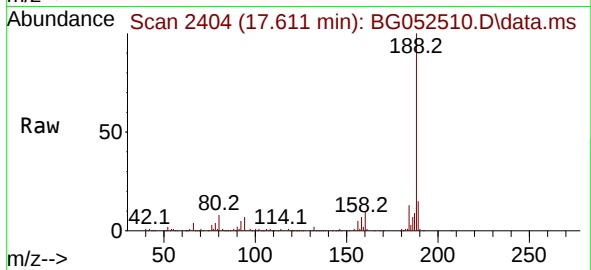
Tgt Ion:188 Resp: 199805

Ion Ratio Lower Upper

188 100

94 6.7 5.9 8.9

80 8.2 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 3.462 ng

RT: 16.353 min Scan# 2190

Delta R.T. -0.447 min

Lab File: BG052510.D

Acq: 28 Feb 2022 20:39

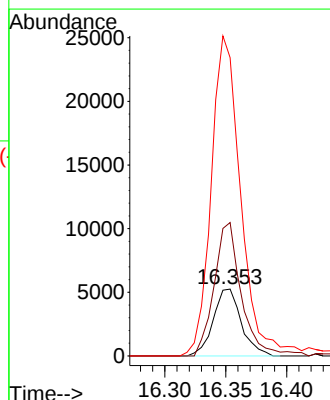
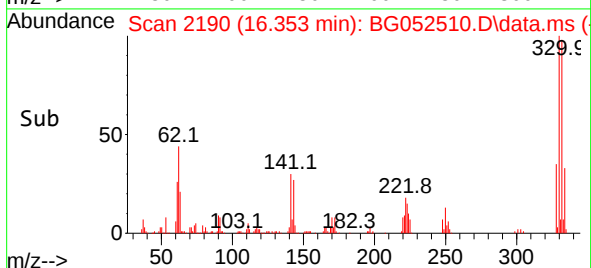
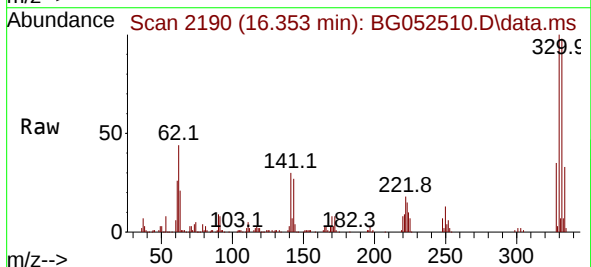
Tgt Ion:248 Resp: 8413

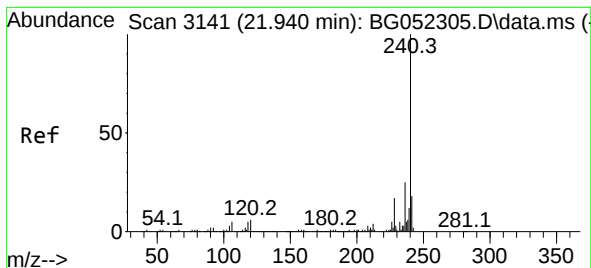
Ion Ratio Lower Upper

248 100

250 199.7 79.6 119.4#

141 446.5 54.6 81.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.928 min Scan# 3141

Delta R.T. -0.012 min

Lab File: BG052510.D

Acq: 28 Feb 2022 20:39

Instrument :

BNA_G

ClientSampleId :

2-17-22-DRUM

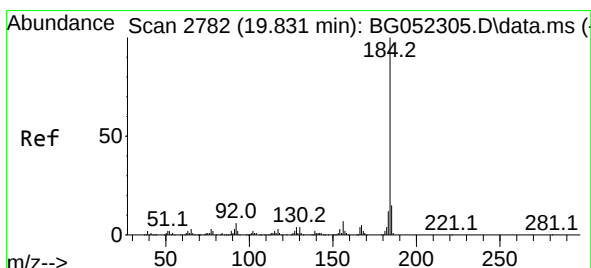
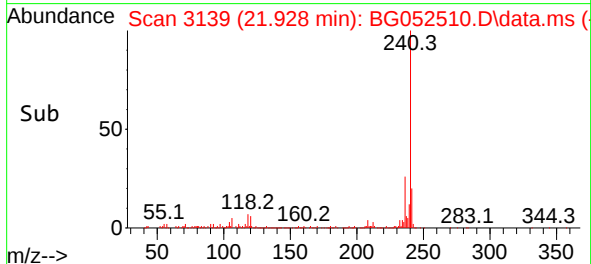
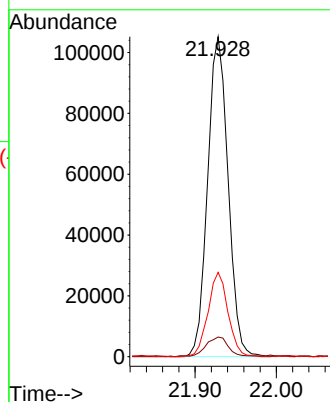
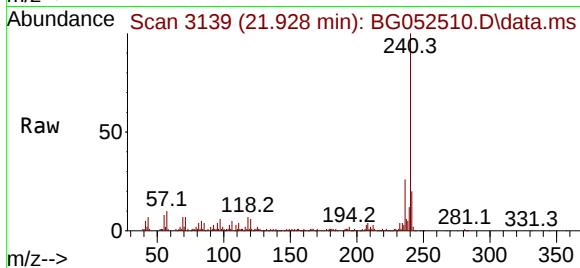
Tgt Ion:240 Resp: 184025

Ion Ratio Lower Upper

240 100

120 6.2 4.4 6.6

236 26.4 20.8 31.2



#77

Benzidine

Concen: 3.199 ng

RT: 20.207 min Scan# 2846

Delta R.T. 0.376 min

Lab File: BG052510.D

Acq: 28 Feb 2022 20:39

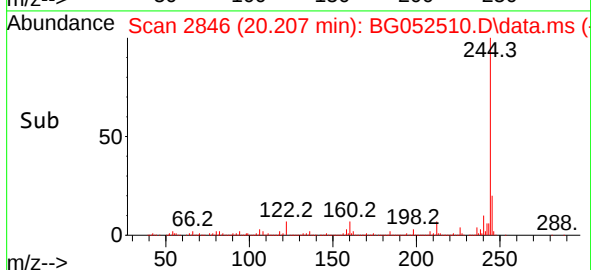
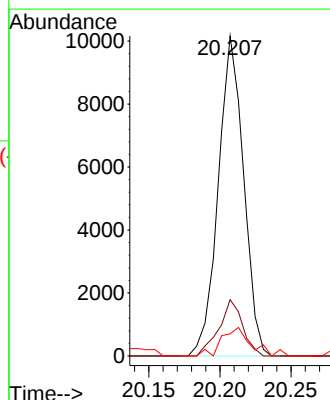
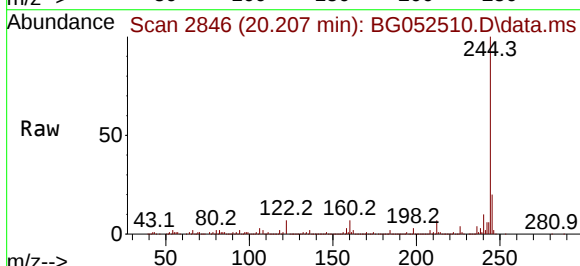
Tgt Ion:184 Resp: 12580

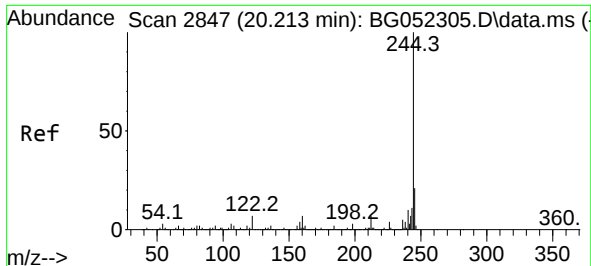
Ion Ratio Lower Upper

184 100

185 17.6 11.8 17.8

183 6.9 9.8 14.6#

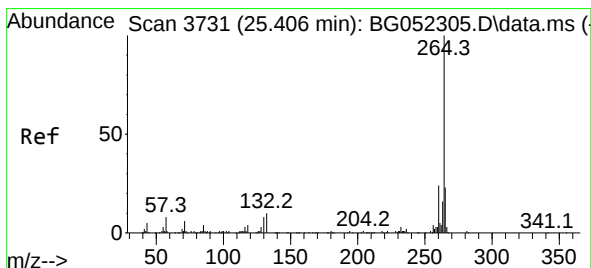
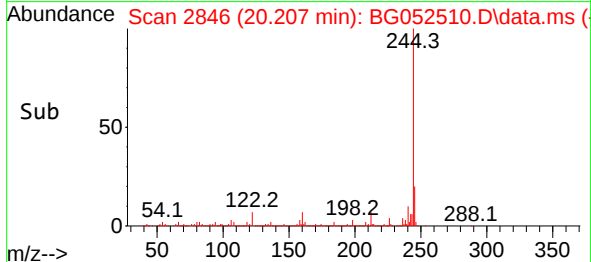
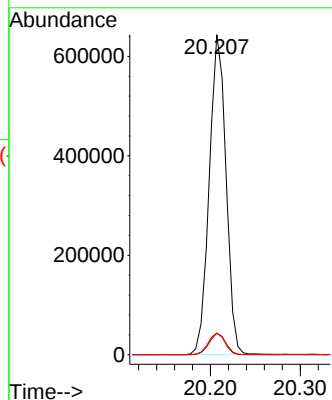
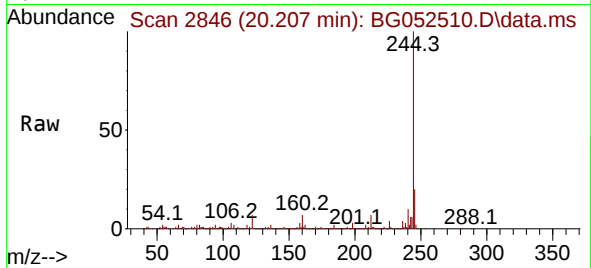




#79
 Terphenyl-d14
 Concen: 79.995 ng
 RT: 20.207 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG052510.D
 Acq: 28 Feb 2022 20:39

Instrument :
 BNA_G
 ClientSampleId :
 2-17-22-DRUM

Tgt Ion:244 Resp: 833645
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 6.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.394 min Scan# 3729
 Delta R.T. -0.012 min
 Lab File: BG052510.D
 Acq: 28 Feb 2022 20:39

Tgt Ion:264 Resp: 186958
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.5 27.7
 265 23.0 17.8 26.6

