

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
 Data File : BG050592.D
 Acq On : 14 Oct 2021 17:52
 Operator : CG/JU
 Sample : M4190-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 15 03:50:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

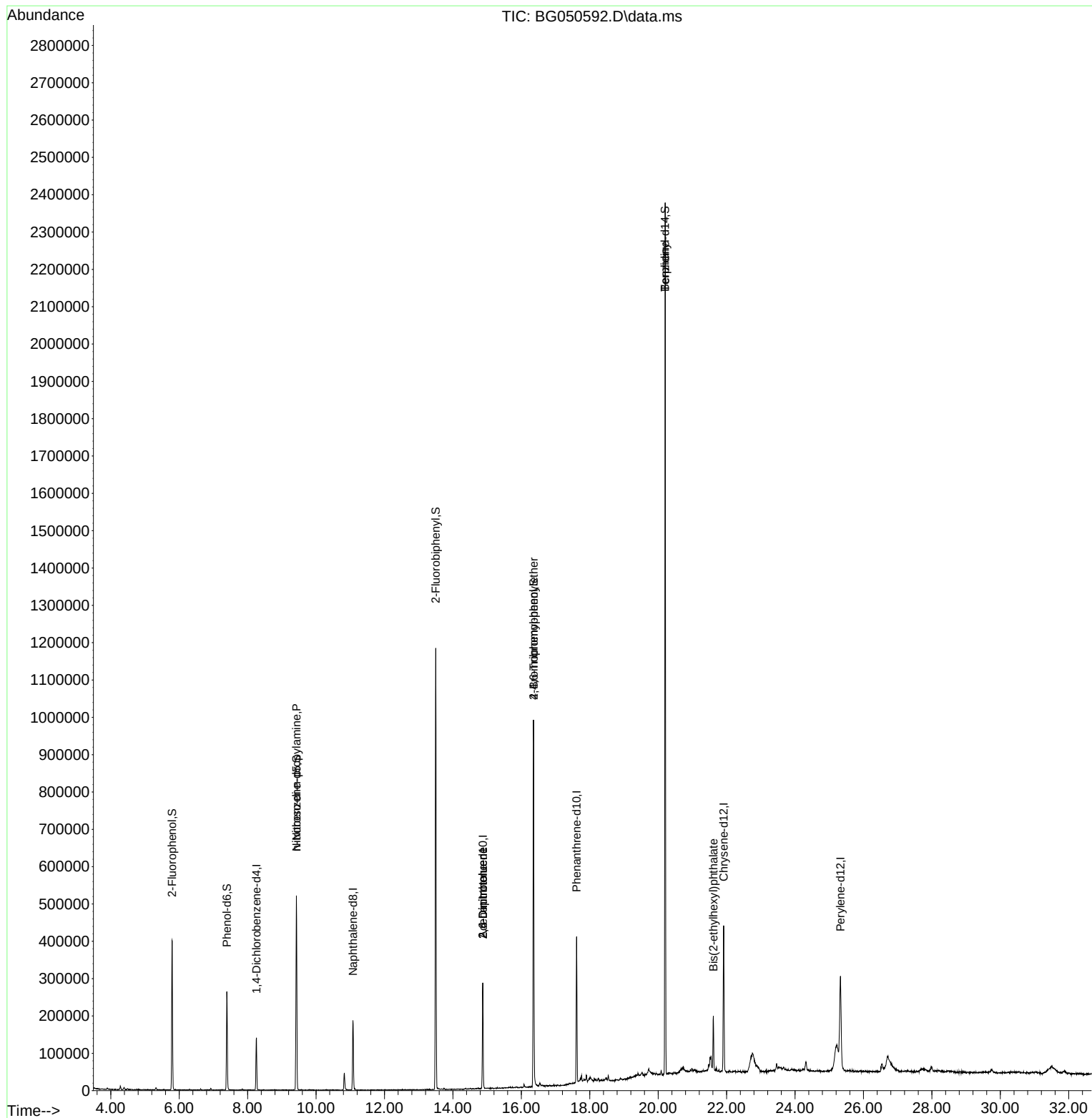
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	36797	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	150271	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	99200	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	238934	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	235786	20.000	ng	#-0.01
86) Perylene-d12	25.326	264	228296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	171449	69.682	ng	0.00
7) Phenol-d6	7.395	99	146984	41.261	ng	0.00
23) Nitrobenzene-d5	9.427	82	333215	91.792	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	148642	157.095	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	588036	89.215	ng	0.00
79) Terphenyl-d14	20.203	244	1009222	83.414	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.395	77	255	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.427	70	47692	18.368	ng	# 72
51) 2,6-Dinitrotoluene	14.874	165	12875	8.573	ng	# 12
57) 2,4-Dinitrotoluene	14.874	165	12875	6.082	ng	# 18
67) 4-Bromophenyl-phenylether	16.361	248	12397	5.149	ng	# 1
77) Benzidine	20.203	184	20436	2.674	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.613	149	58369	5.805	ng	# 53

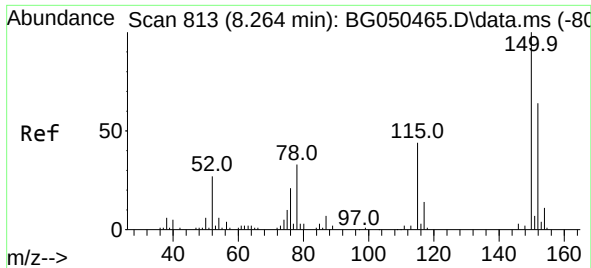
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
Data File : BG050592.D
Acq On : 14 Oct 2021 17:52
Operator : CG/JU
Sample : M4190-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

Quant Time: Oct 15 03:50:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

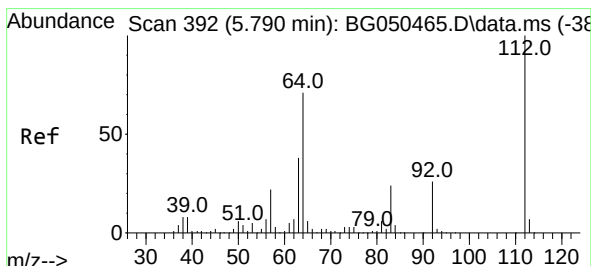
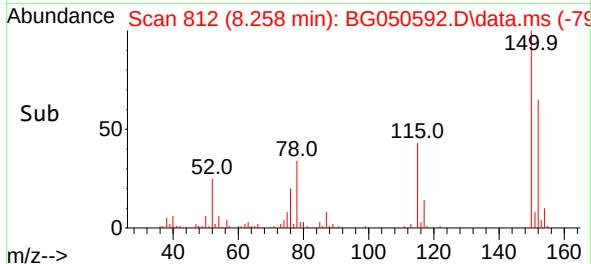
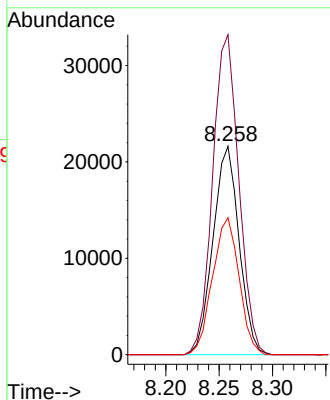
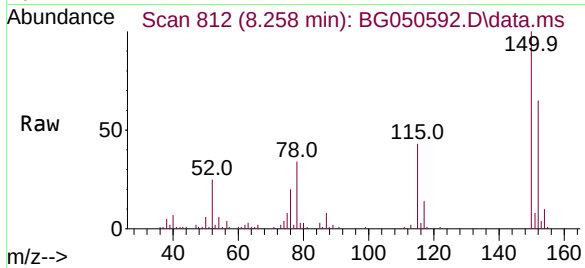




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

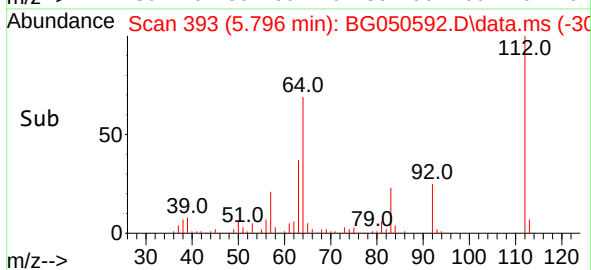
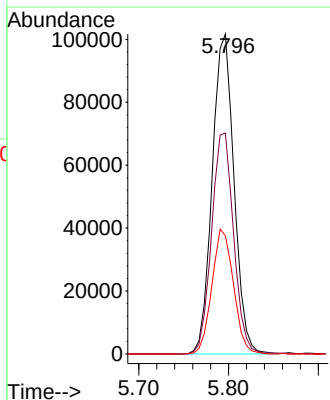
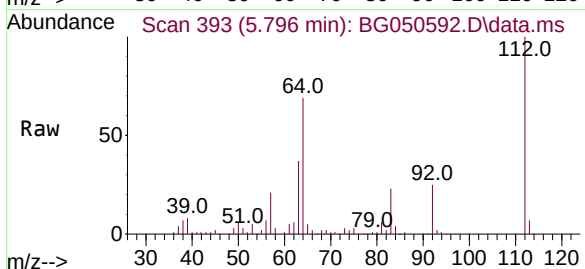
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

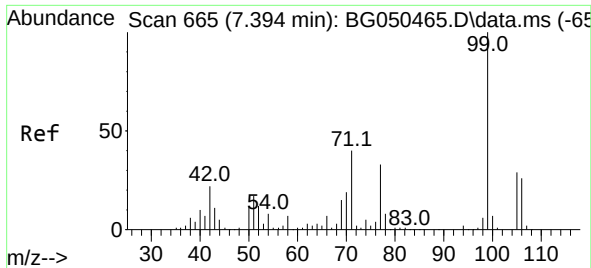
Tgt Ion:152 Resp: 36797
Ion Ratio Lower Upper
152 100
150 153.6 119.4 179.0
115 65.7 60.2 90.4



#5
2-Fluorophenol
Concen: 69.682 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

Tgt Ion:112 Resp: 171449
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 37.0 35.3 52.9

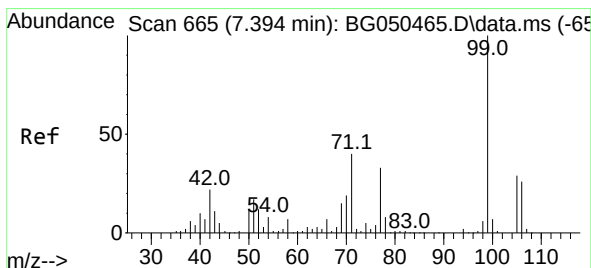
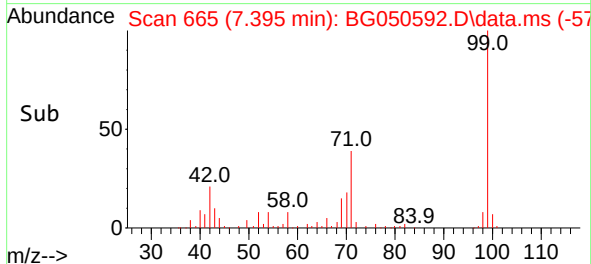
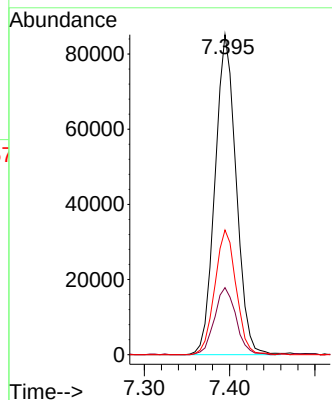
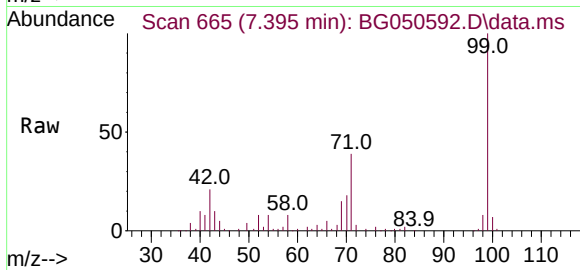




#7
Phenol-d6
Concen: 41.261 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

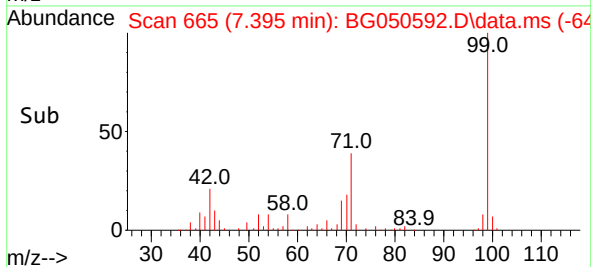
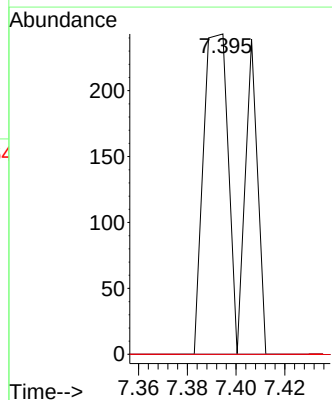
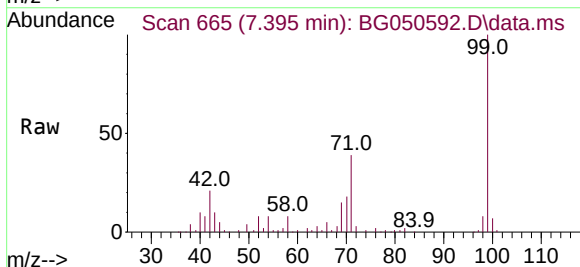
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

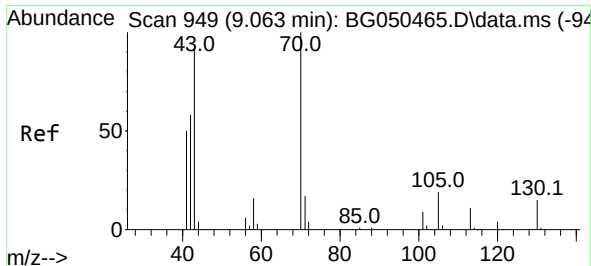
Tgt Ion: 99 Resp: 146984
Ion Ratio Lower Upper
99 100
42 20.9 20.5 30.7
71 38.9 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.395 min Scan# 665
Delta R.T. 0.006 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

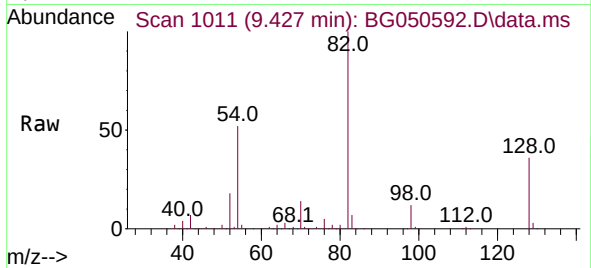
Tgt Ion: 77 Resp: 255
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#



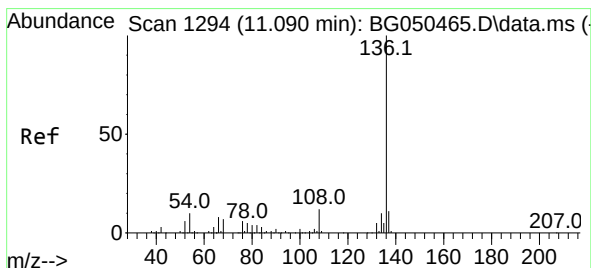
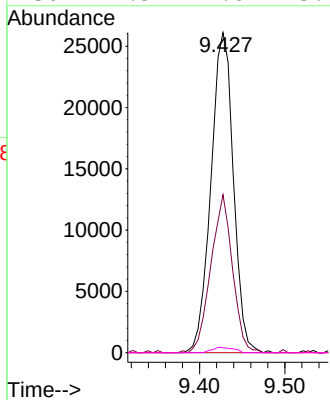
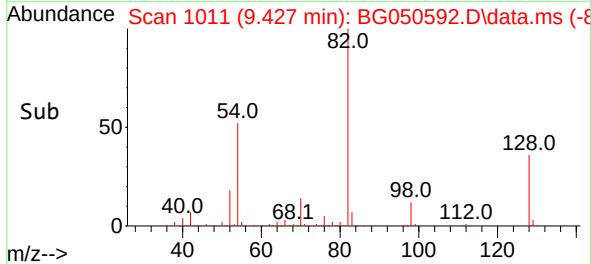


#19
n-Nitroso-di-n-propylamine
Concen: 18.368 ng
RT: 9.427 min Scan# 1011
Delta R.T. 0.370 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

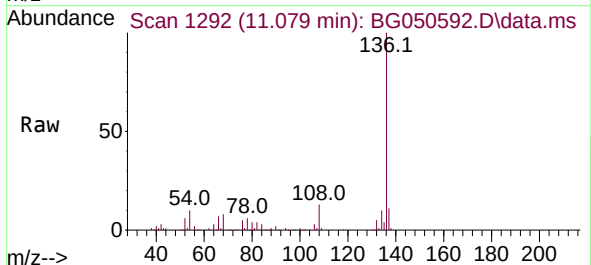
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)



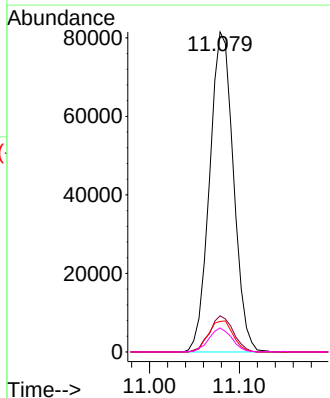
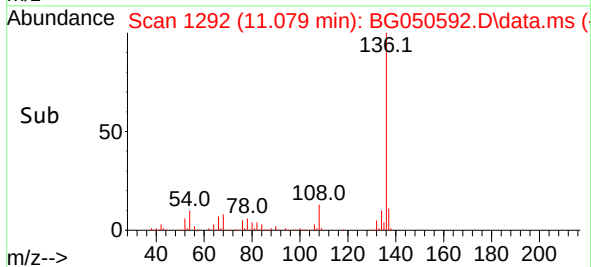
Tgt Ion: 70 Resp: 47692
Ion Ratio Lower Upper
70 100
42 49.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

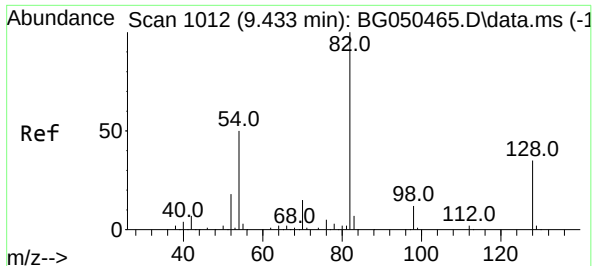


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52



Tgt Ion:136 Resp: 150271
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 9.5 5.5 8.3#
68 7.5 2.3 3.5#

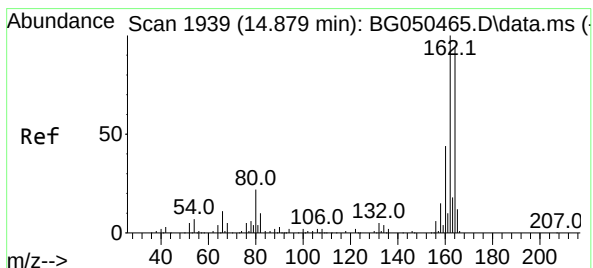
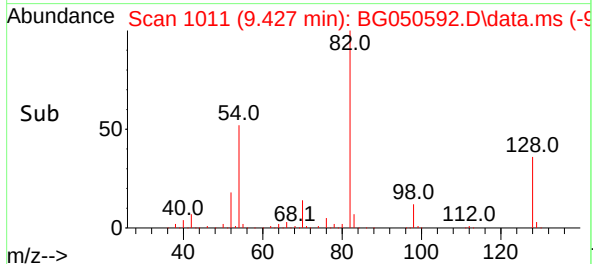
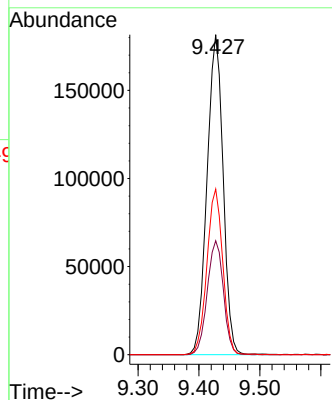
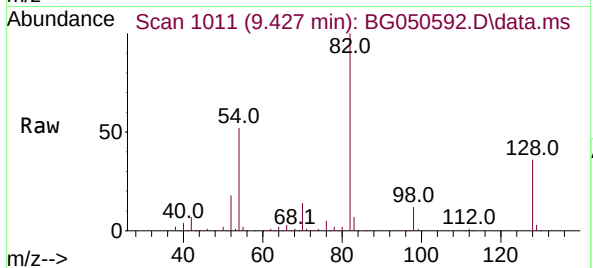




#23
Nitrobenzene-d5
Concen: 91.792 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

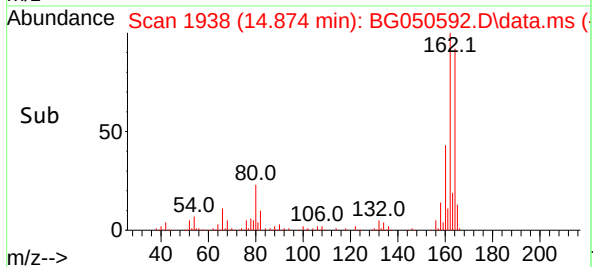
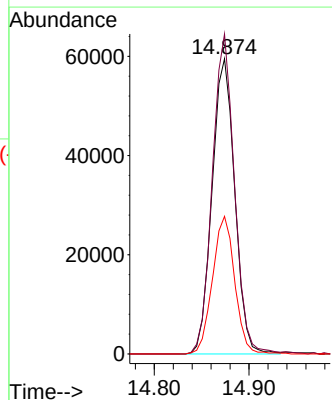
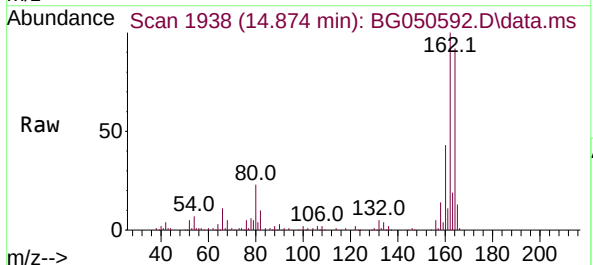
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

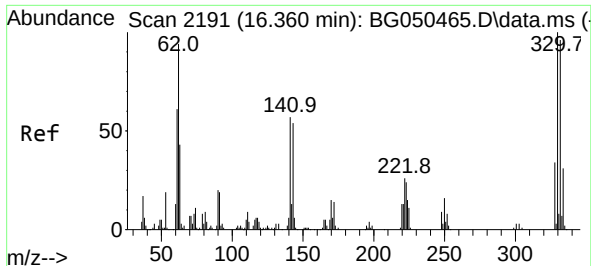
Tgt Ion: 82 Resp: 333215
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 51.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

Tgt Ion:164 Resp: 99200
Ion Ratio Lower Upper
164 100
162 108.4 81.4 122.0
160 46.6 34.9 52.3

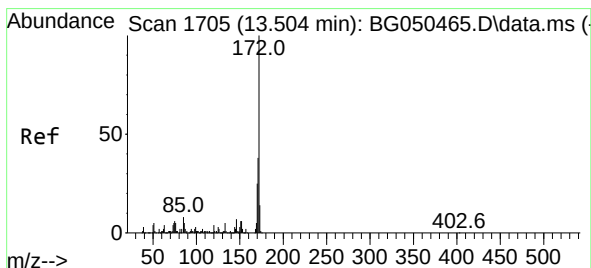
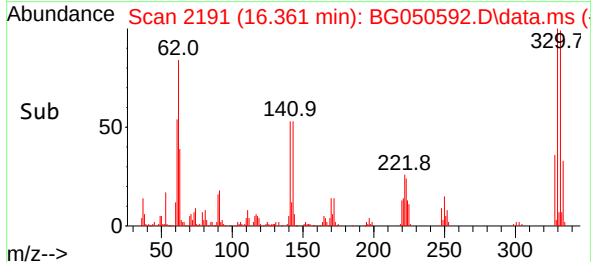
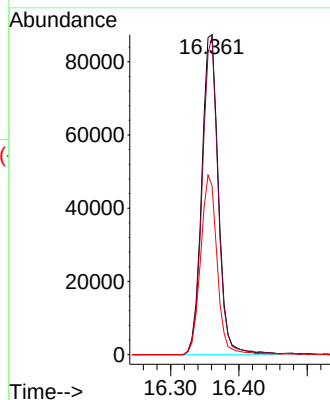
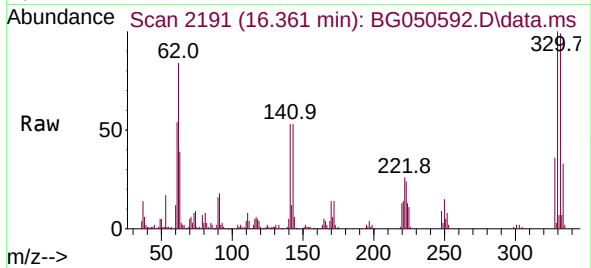




#42
2,4,6-Tribromophenol
Concen: 157.095 ng
RT: 16.361 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

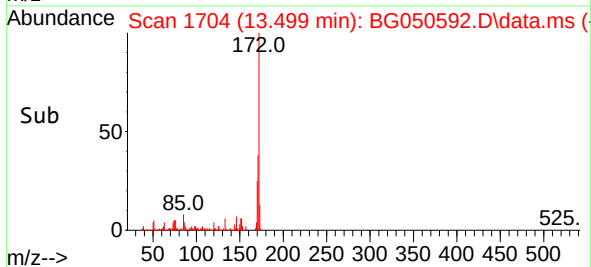
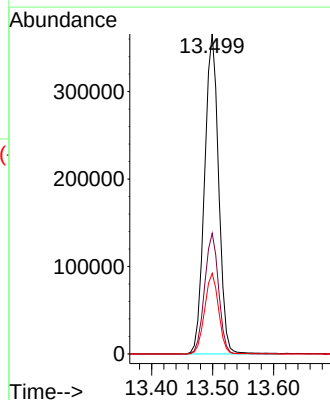
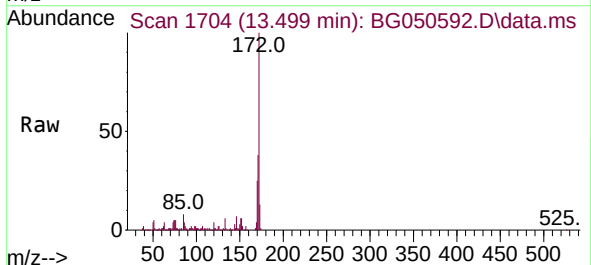
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

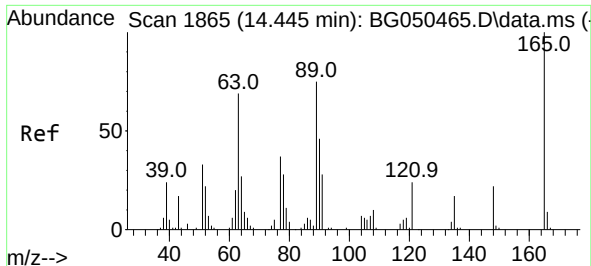
Tgt Ion:330 Resp: 148642
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 55.6 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 89.215 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

Tgt Ion:172 Resp: 588036
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 25.2 18.6 27.8

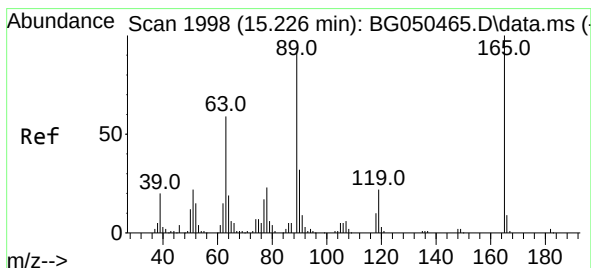
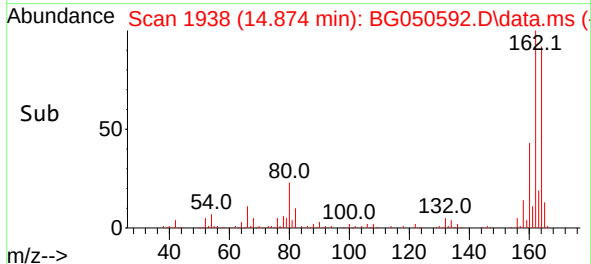
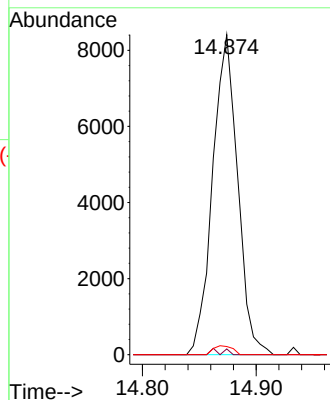
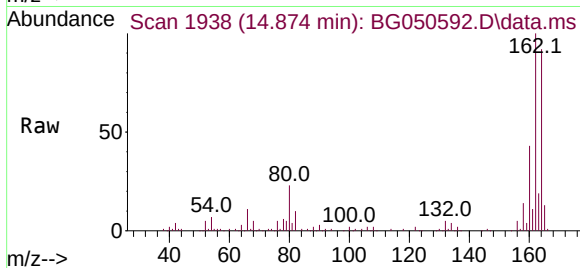




#51
2,6-Dinitrotoluene
Concen: 8.573 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.429 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

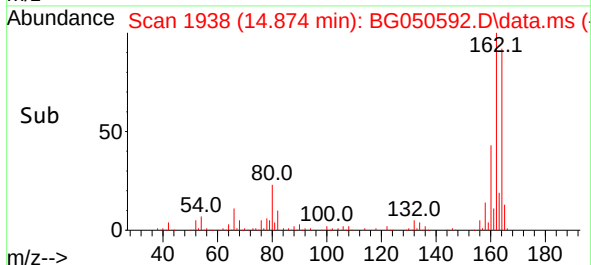
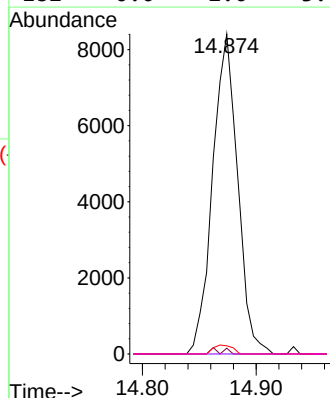
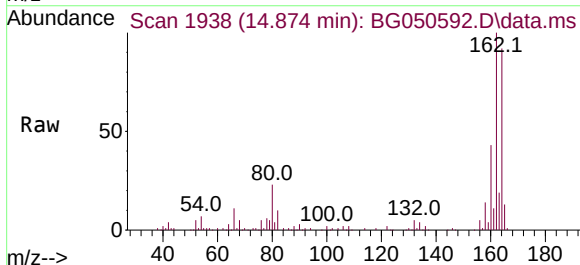
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

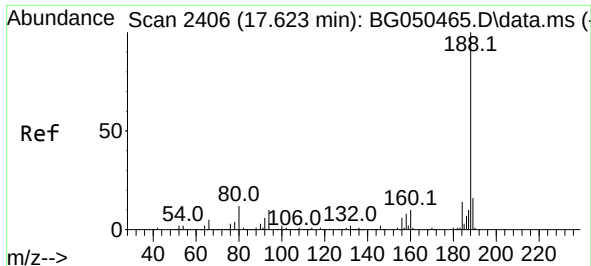
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	63.3	94.9#
89	2.5	63.4	95.0#



#57
2,4-Dinitrotoluene
Concen: 6.082 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.353 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	48.0	72.0#
89	2.5	65.4	98.0#
182	0.0	2.0	3.0#

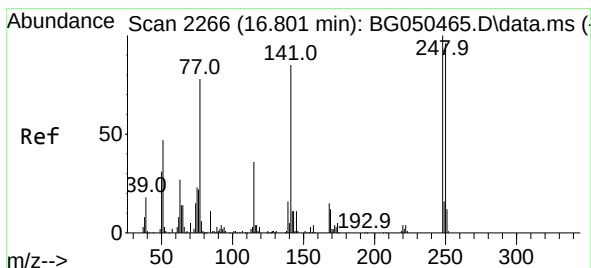
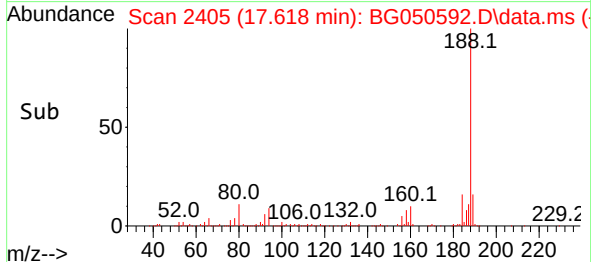
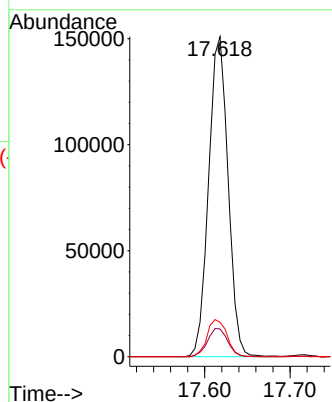
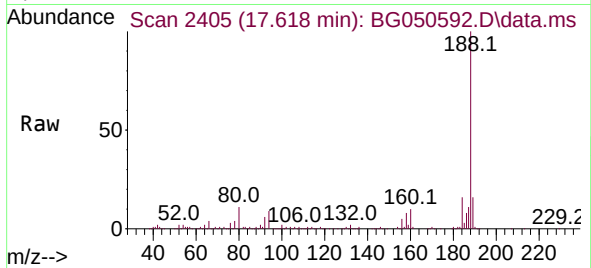




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

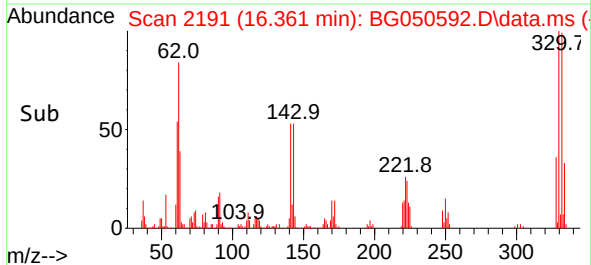
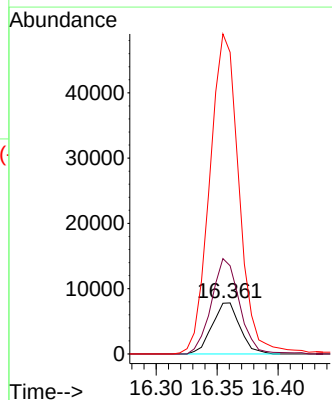
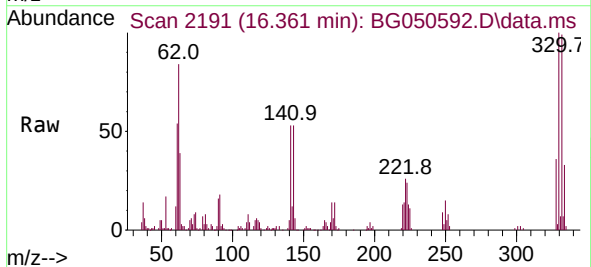
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

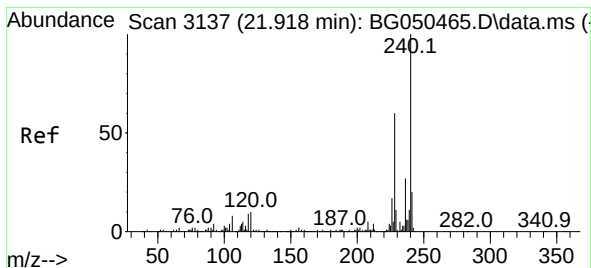
Tgt Ion:188 Resp: 238934
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 10.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.149 ng
RT: 16.361 min Scan# 2191
Delta R.T. -0.441 min
Lab File: BG050592.D
Acq: 14 Oct 2021 17:52

Tgt Ion:248 Resp: 12397
Ion Ratio Lower Upper
248 100
250 172.6 76.1 114.1#
141 590.4 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.913 min Scan# 3136

Delta R.T. -0.012 min

Lab File: BG050592.D

Acq: 14 Oct 2021 17:52

Tgt Ion:240 Resp: 235786

Ion Ratio Lower Upper

240 100

120 9.1 4.2 6.2#

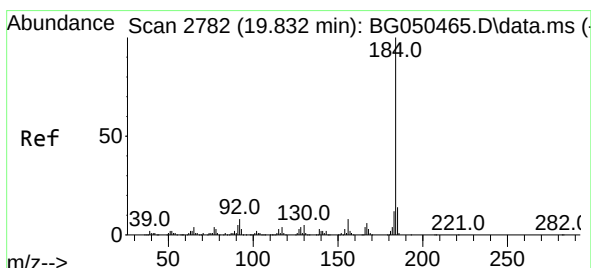
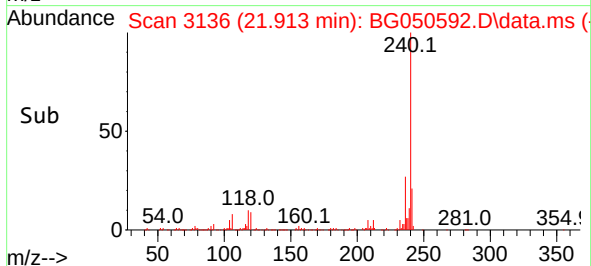
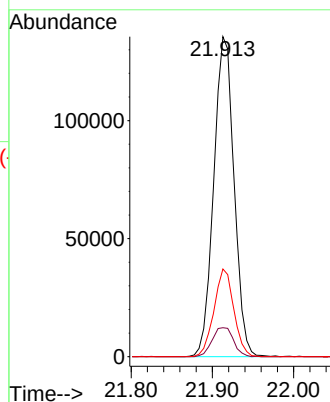
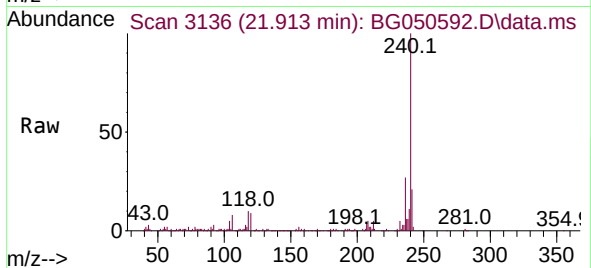
236 27.4 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

SW-RR-03-(SA)



#77

Benzidine

Concen: 2.674 ng

RT: 20.203 min Scan# 2845

Delta R.T. 0.370 min

Lab File: BG050592.D

Acq: 14 Oct 2021 17:52

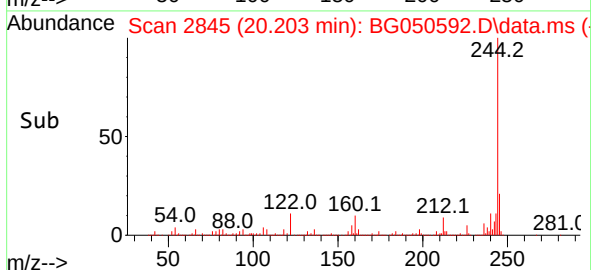
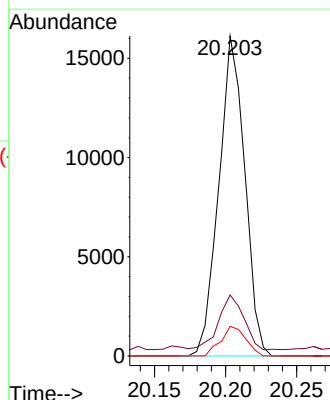
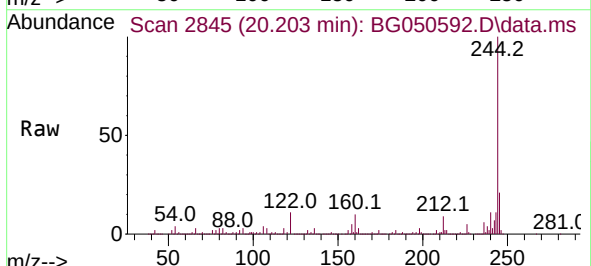
Tgt Ion:184 Resp: 20436

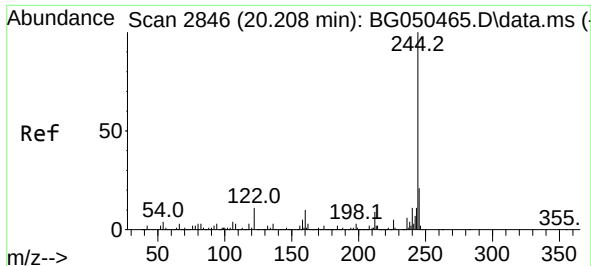
Ion Ratio Lower Upper

184 100

185 19.0 10.7 16.1#

183 9.2 9.4 14.0#

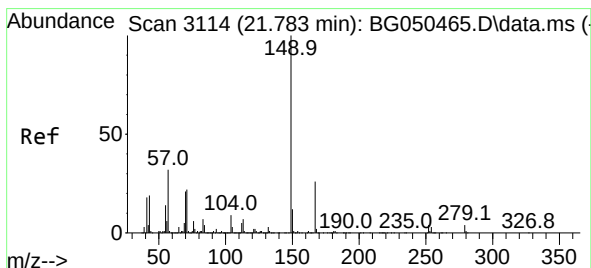
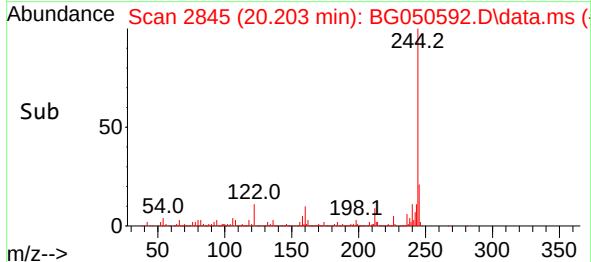
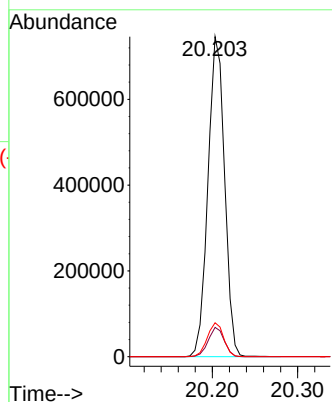
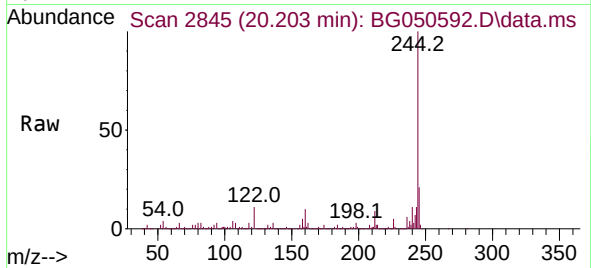




#79
 Terphenyl-d14
 Concen: 83.414 ng
 RT: 20.203 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BG050592.D
 Acq: 14 Oct 2021 17:52

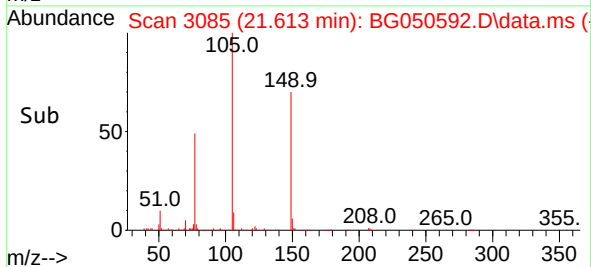
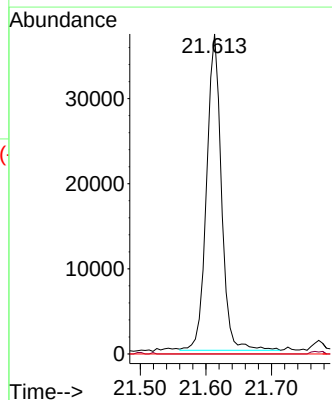
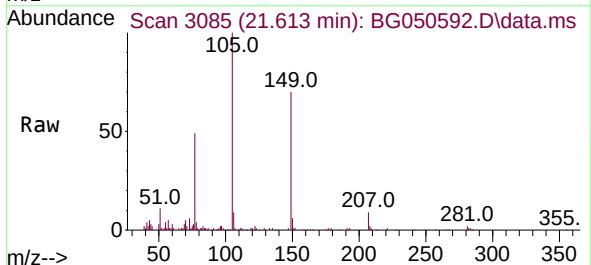
Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-03-(SA)

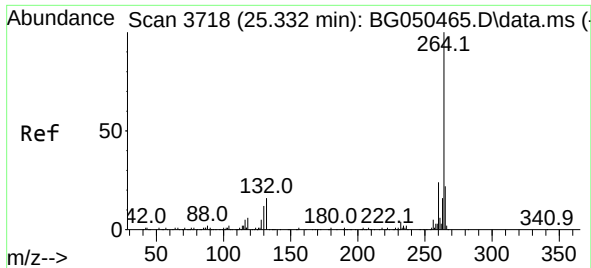
Tgt Ion:244 Resp: 1009222
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.9 10.3
 122 10.6 5.0 7.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.805 ng
 RT: 21.613 min Scan# 3085
 Delta R.T. -0.165 min
 Lab File: BG050592.D
 Acq: 14 Oct 2021 17:52

Tgt Ion:149 Resp: 58369
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.3 33.5#
 279 0.0 3.8 5.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.326 min Scan# 3717
 Delta R.T. -0.006 min
 Lab File: BG050592.D
 Acq: 14 Oct 2021 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-03-(SA)

Tgt Ion:264	Resp:	228296
Ion Ratio	Lower	Upper
264	100	
260	25.0	19.4 29.2
265	21.2	16.9 25.3

