

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050647.D
 Acq On : 20 Oct 2021 16:04
 Operator : CG/JU
 Sample : M4286-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 20 16:47:08 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)

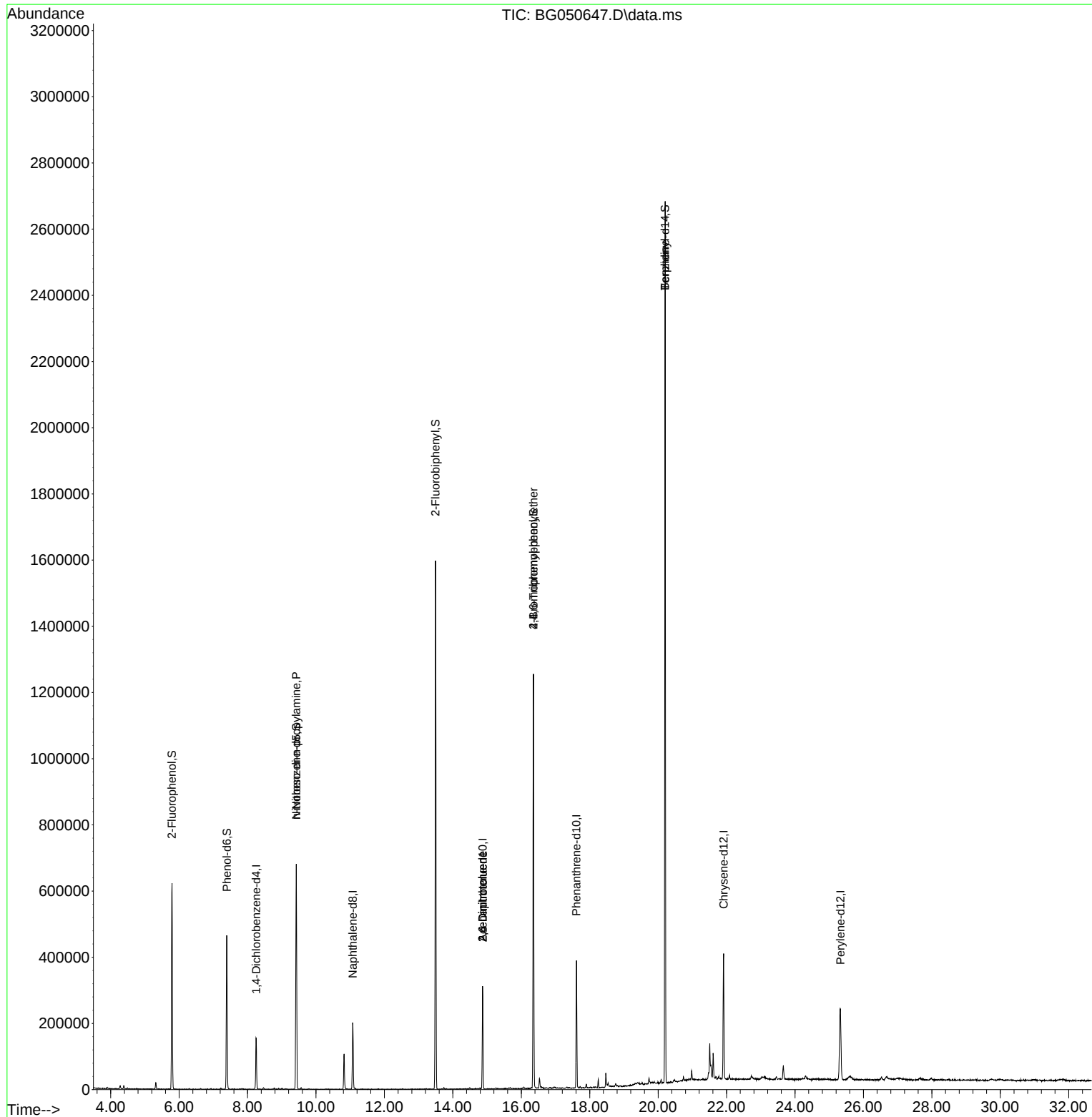
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	40824	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	166065	20.000	ng	#-0.01
39) Acenaphthene-d10	14.869	164	105265	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	233482	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	228855	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	222977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	262627	96.210	ng	0.00
7) Phenol-d6	7.395	99	265934	67.288	ng	0.00
23) Nitrobenzene-d5	9.422	82	442158	110.219	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	178388	177.670	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	781243	111.699	ng	-0.01
79) Terphenyl-d14	20.204	244	1151771	98.079	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.389	77	646	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	63057	21.890	ng	# 71
51) 2,6-Dinitrotoluene	14.869	165	13204	8.285	ng	# 11
57) 2,4-Dinitrotoluene	14.869	165	13204	5.878	ng	# 16
67) 4-Bromophenyl-phenylether	16.355	248	15429	6.558	ng	# 1
77) Benzidine	20.204	184	22525	3.037	ng	# 92

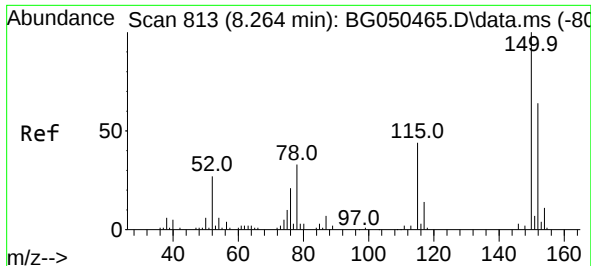
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
Data File : BG050647.D
Acq On : 20 Oct 2021 16:04
Operator : CG/JU
Sample : M4286-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 20 16:47:08 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

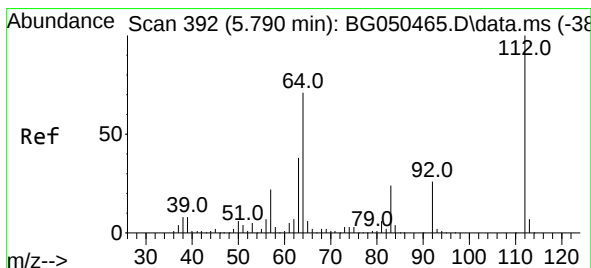
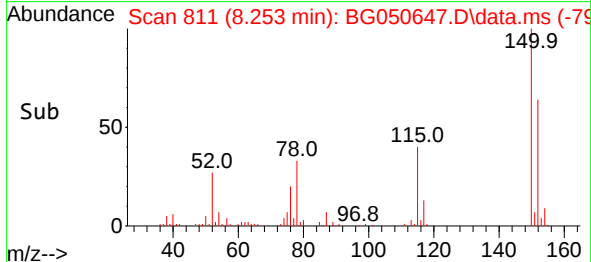
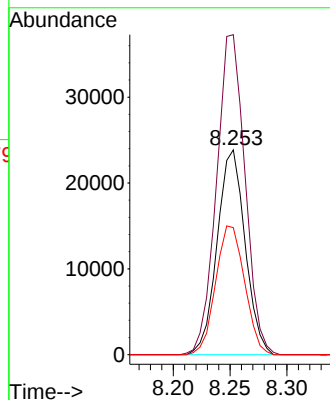
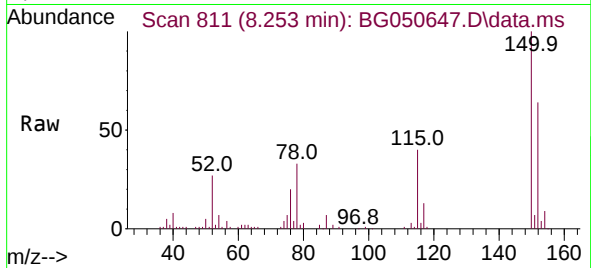




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

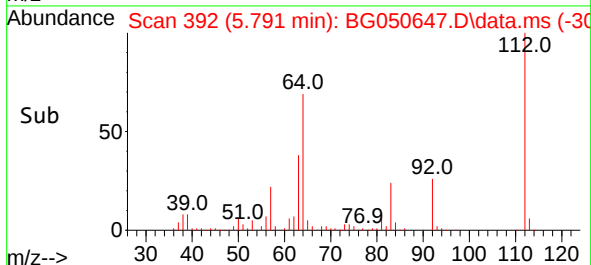
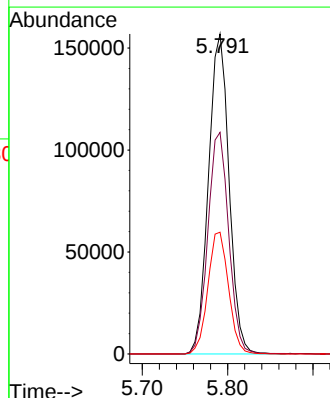
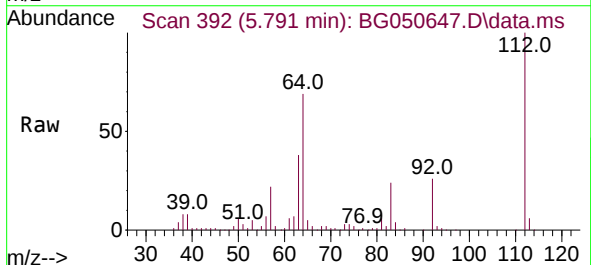
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

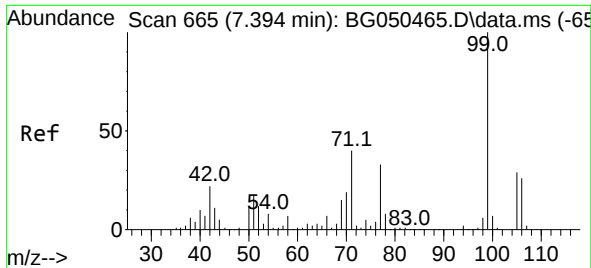
Tgt Ion:152 Resp: 40824
Ion Ratio Lower Upper
152 100
150 156.3 119.4 179.0
115 62.1 60.2 90.4



#5
2-Fluorophenol
Concen: 96.210 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

Tgt Ion:112 Resp: 262627
Ion Ratio Lower Upper
112 100
64 69.3 46.7 70.1
63 38.0 35.3 52.9

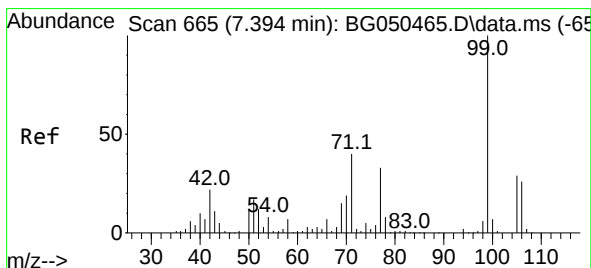
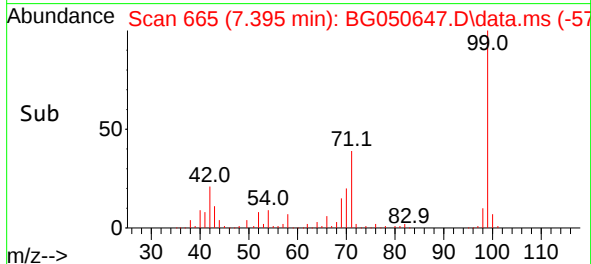
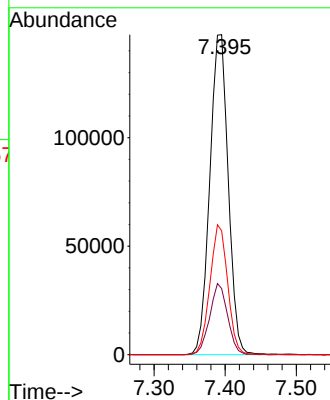
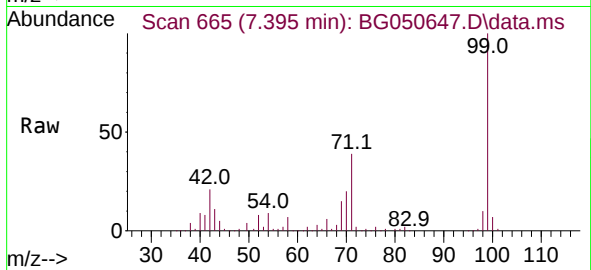




#7
Phenol-d6
Concen: 67.288 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

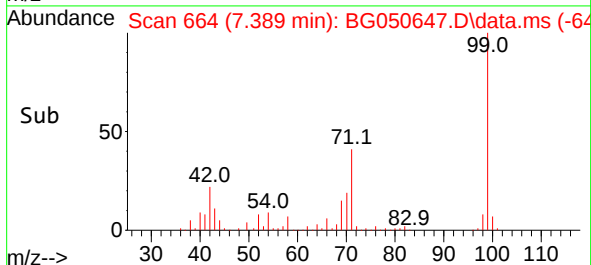
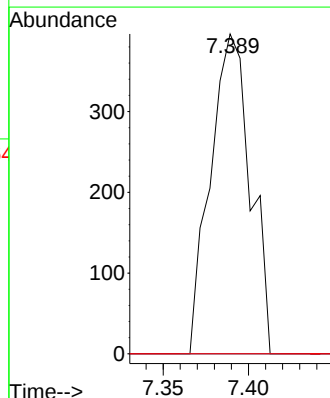
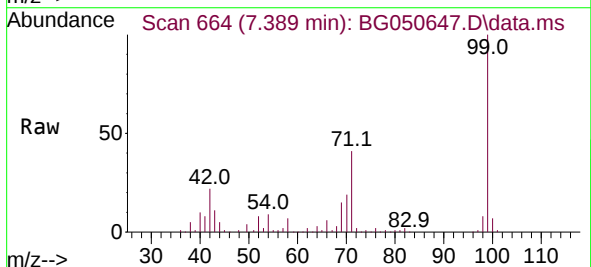
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

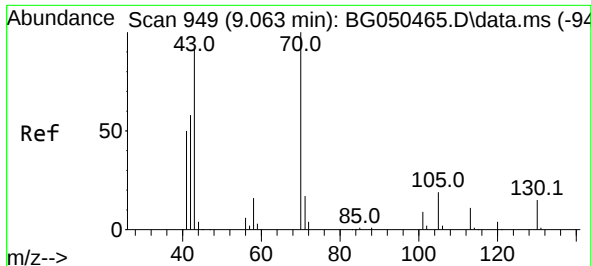
Tgt Ion: 99 Resp: 265934
Ion Ratio Lower Upper
99 100
42 20.7 20.5 30.7
71 38.7 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. 0.000 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

Tgt Ion: 77 Resp: 646
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

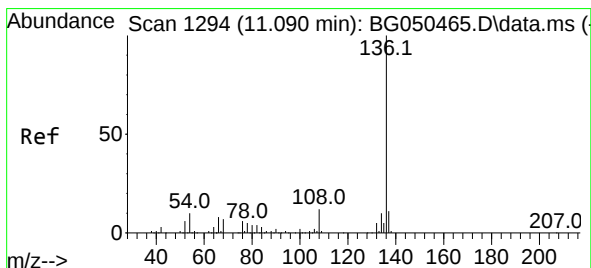
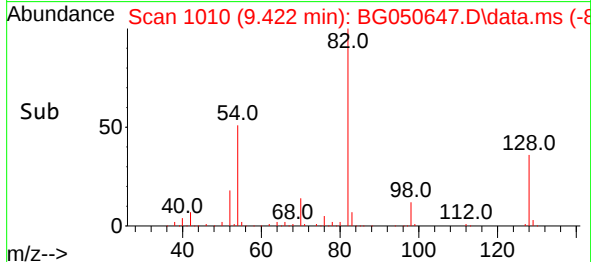
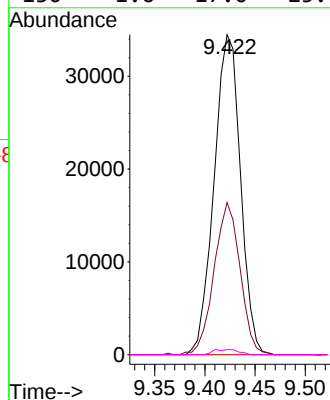
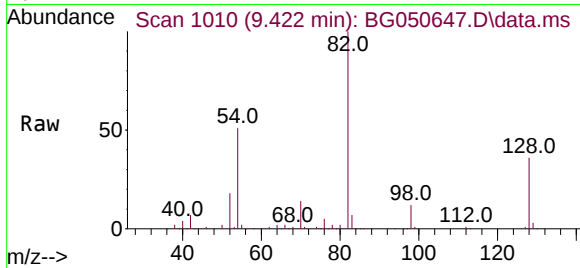




#19
n-Nitroso-di-n-propylamine
Concen: 21.890 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

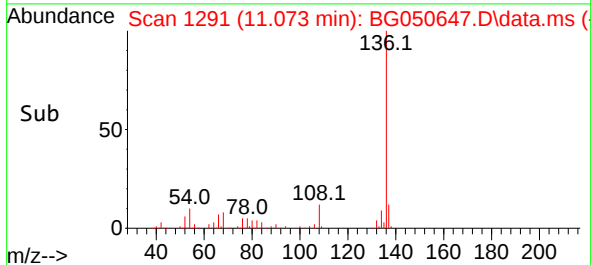
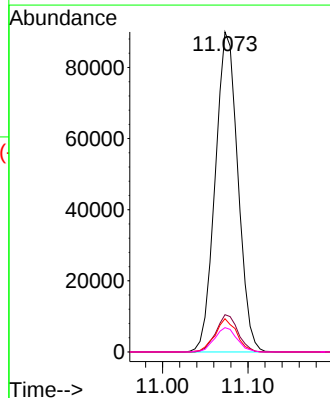
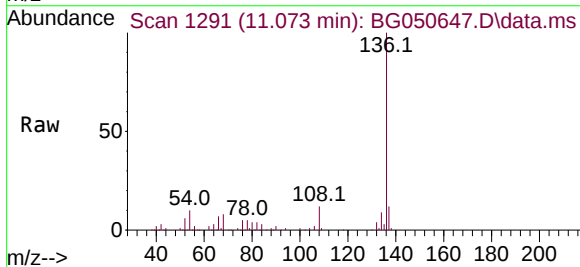
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

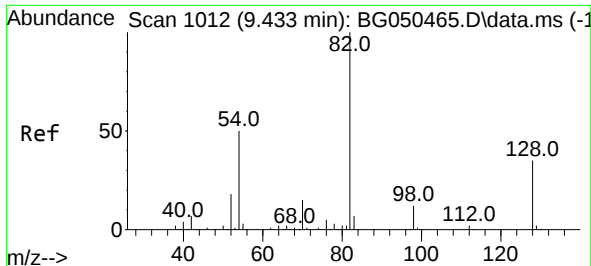
Tgt Ion:	70	Resp:	63057
Ion	Ratio	Lower	Upper
70	100		
42	47.6	54.5	81.7#
101	0.0	9.0	13.6#
130	1.6	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

Tgt Ion:	136	Resp:	166065
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.2
54	10.4	5.5	8.3#
68	7.6	2.3	3.5#

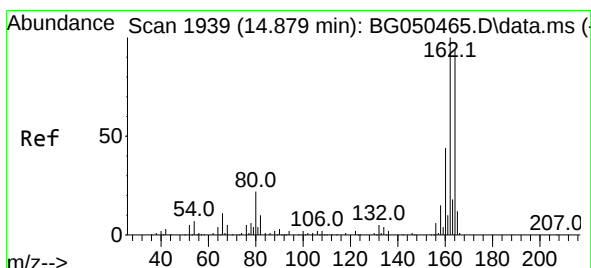
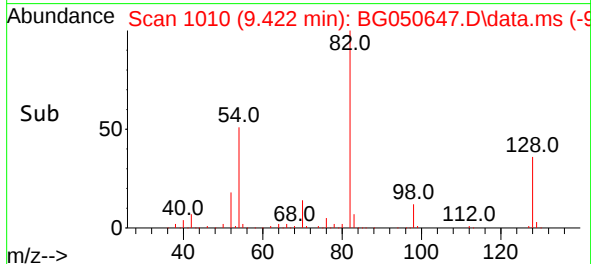
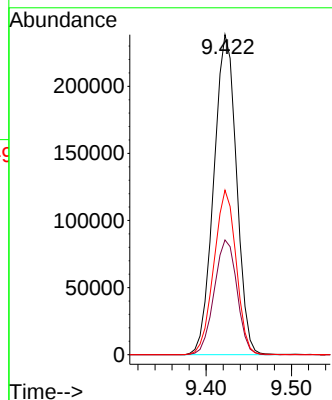
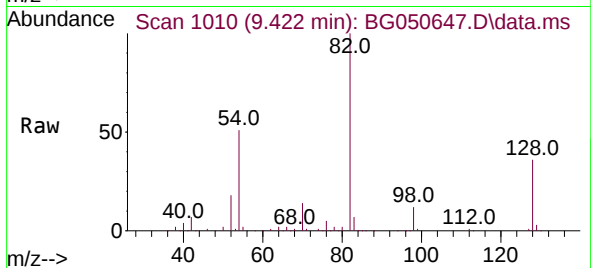




#23
Nitrobenzene-d5
Concen: 110.219 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

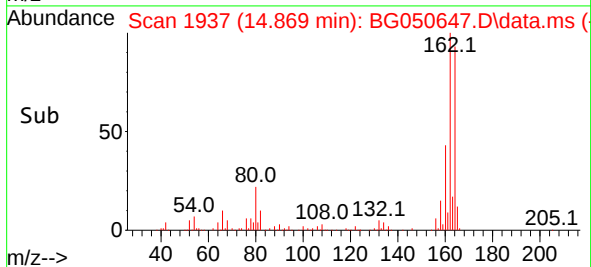
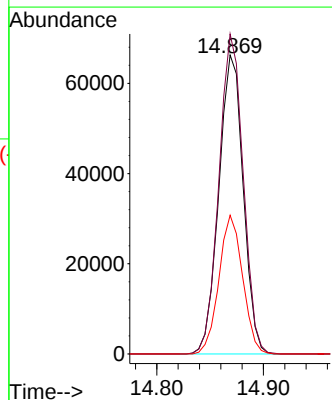
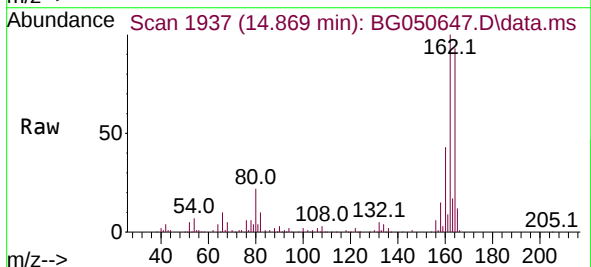
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

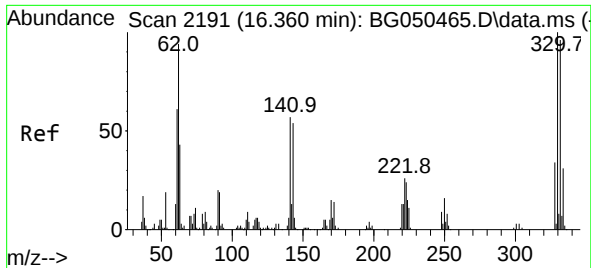
Tgt Ion: 82 Resp: 442158
Ion Ratio Lower Upper
82 100
128 35.9 29.8 44.6
54 51.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

Tgt Ion:164 Resp: 105265
Ion Ratio Lower Upper
164 100
162 107.0 81.4 122.0
160 46.4 34.9 52.3

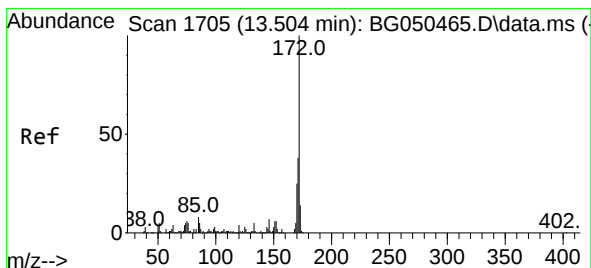
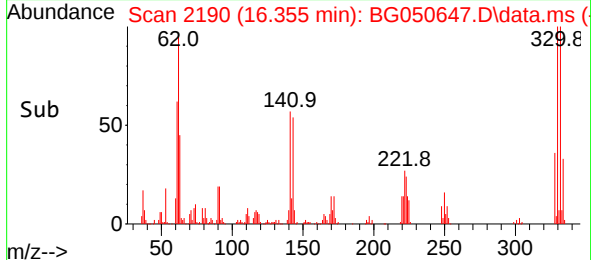
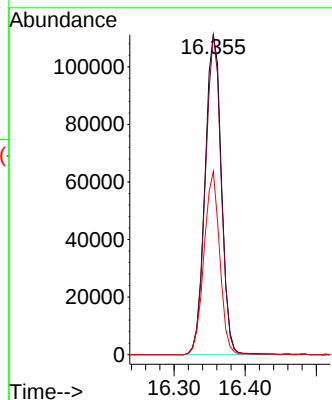
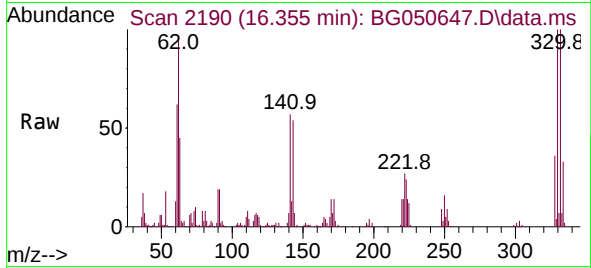




#42
2,4,6-Tribromophenol
Concen: 177.670 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

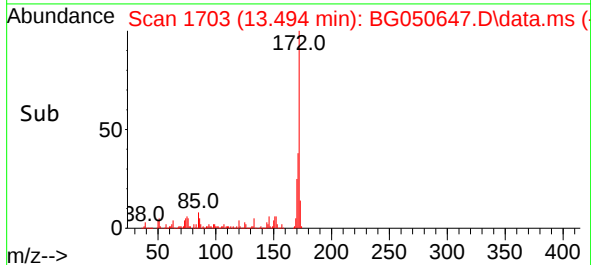
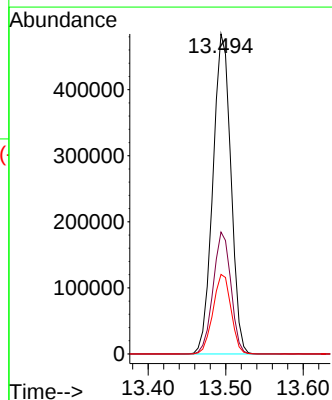
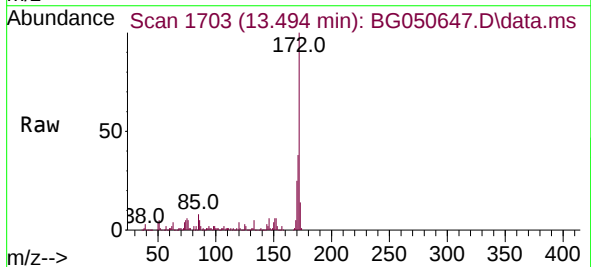
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

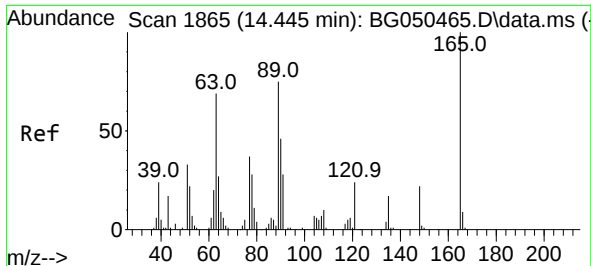
Tgt Ion:330 Resp: 178388
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 55.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 111.699 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

Tgt Ion:172 Resp: 781243
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 24.8 18.6 27.8

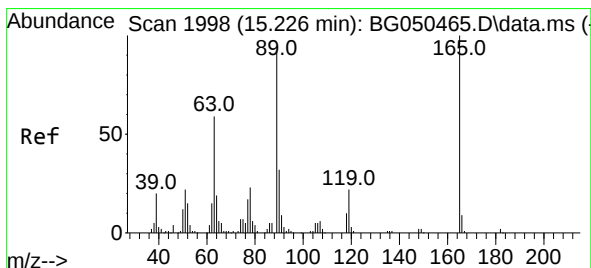
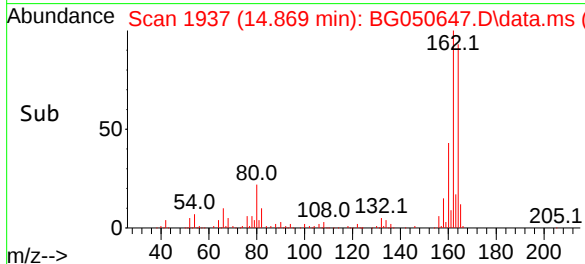
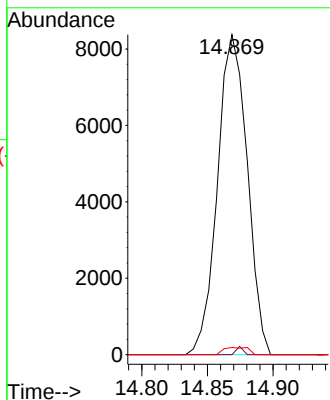
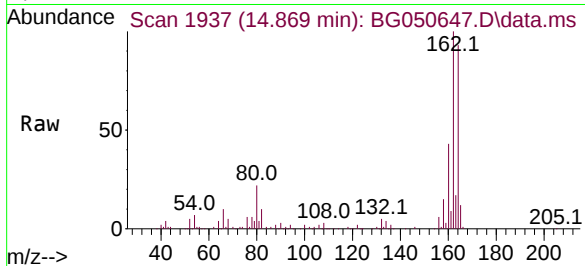




#51
2,6-Dinitrotoluene
Concen: 8.285 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

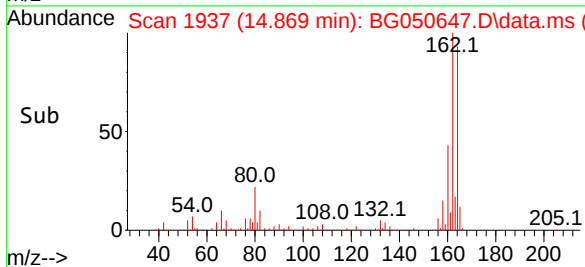
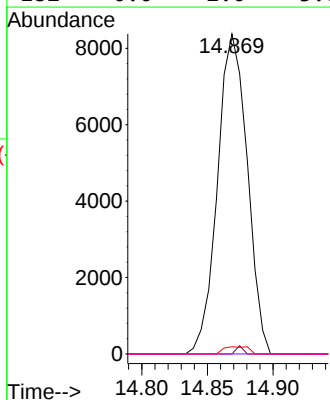
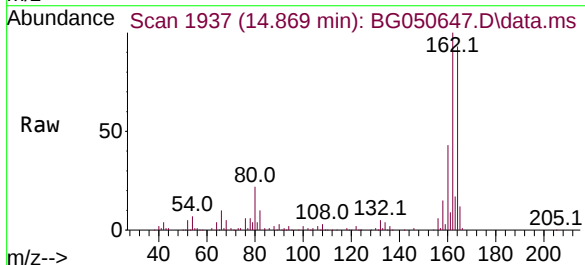
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

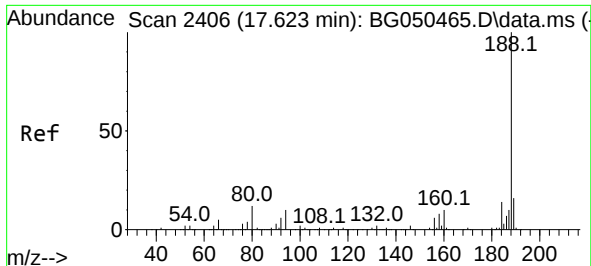
Tgt Ion:165 Resp: 13204
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.2 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.878 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

Tgt Ion:165 Resp: 13204
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.2 65.4 98.0#
182 0.0 2.0 3.0#

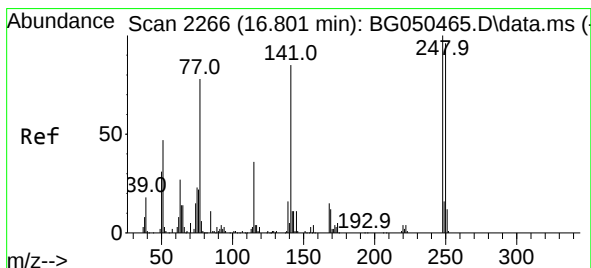
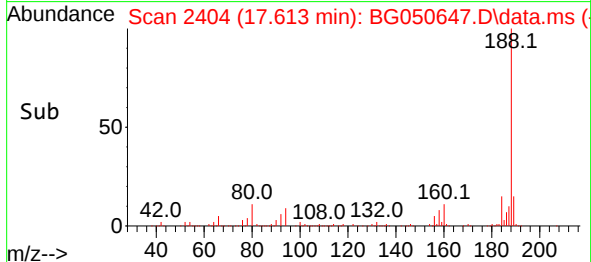
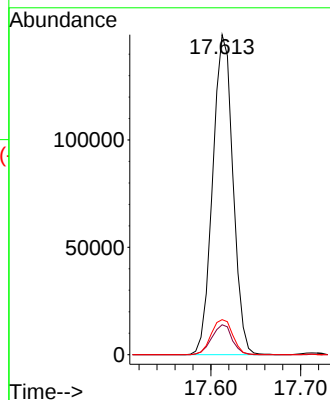
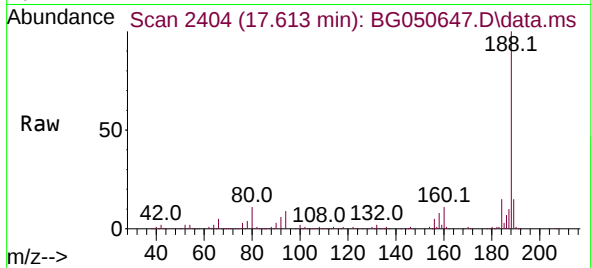




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

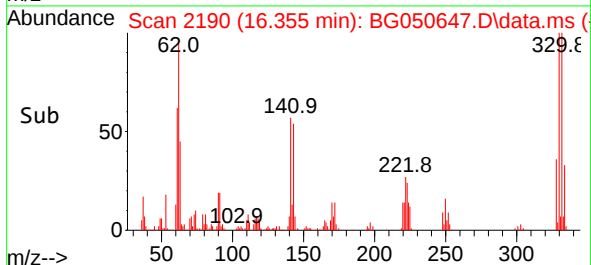
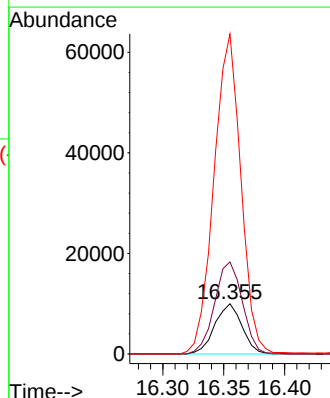
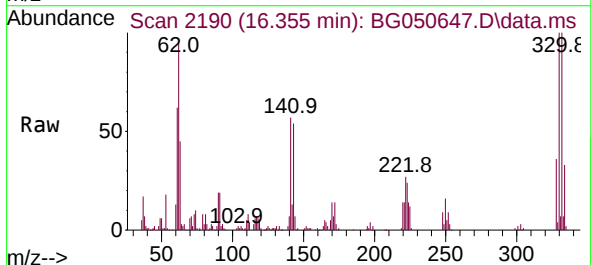
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

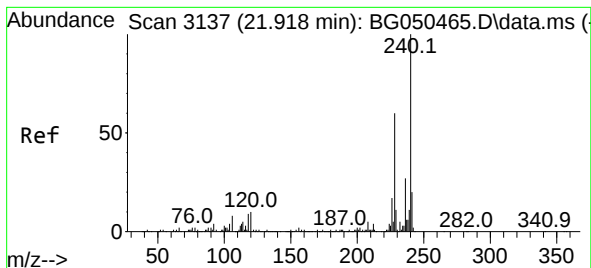
Tgt Ion:188 Resp: 233482
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 6.558 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050647.D
Acq: 20 Oct 2021 16:04

Tgt Ion:248 Resp: 15429
Ion Ratio Lower Upper
248 100
250 183.3 76.1 114.1#
141 637.4 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.913 min Scan# 3136

Delta R.T. -0.011 min

Lab File: BG050647.D

Acq: 20 Oct 2021 16:04

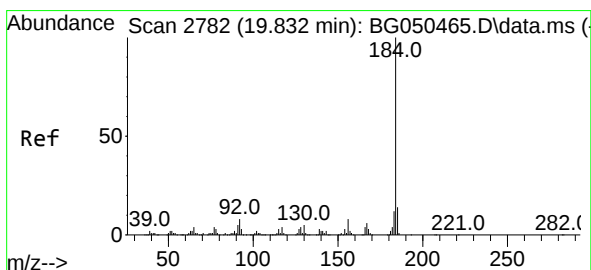
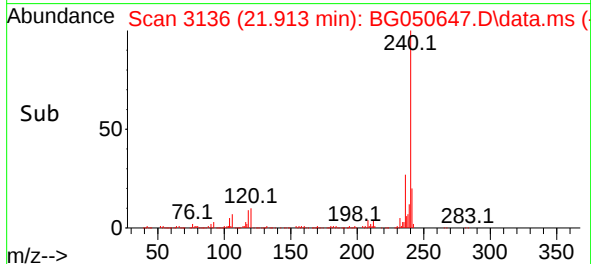
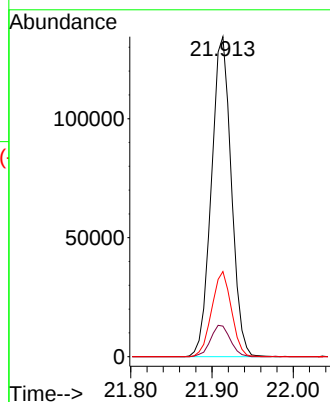
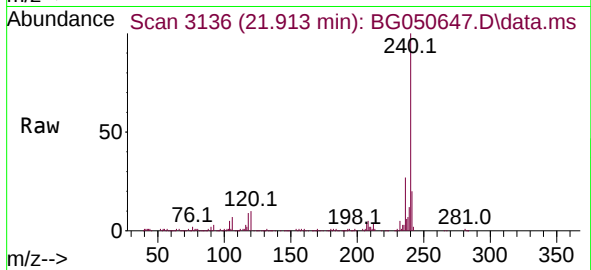
Instrument :

BNA_G

ClientSampleId :

SW-RR-03-(SA)

Tgt Ion:240	Resp:	228855
Ion Ratio	Lower	Upper
240	100	
120	9.6	4.2 6.2#
236	26.6	21.8 32.6



#77

Benzidine

Concen: 3.037 ng

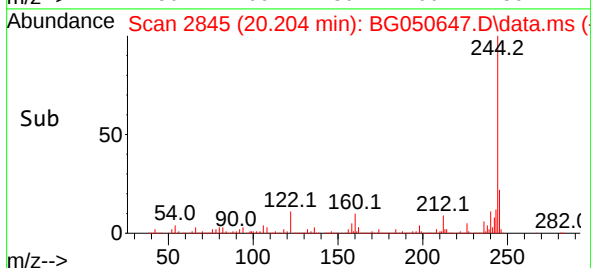
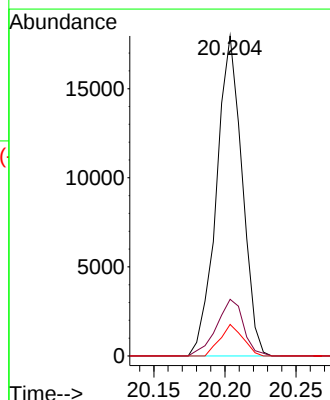
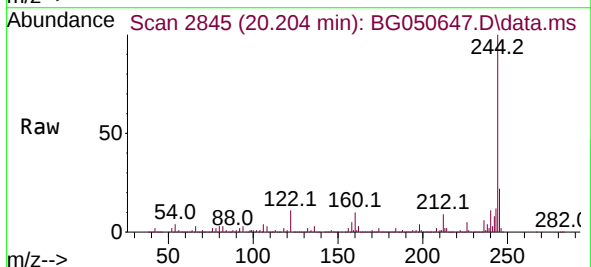
RT: 20.204 min Scan# 2845

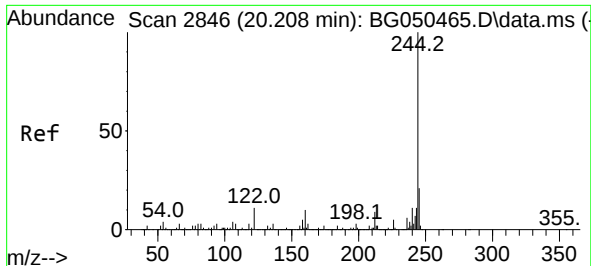
Delta R.T. 0.371 min

Lab File: BG050647.D

Acq: 20 Oct 2021 16:04

Tgt Ion:184	Resp:	22525
Ion Ratio	Lower	Upper
184	100	
185	17.7	10.7 16.1#
183	9.8	9.4 14.0

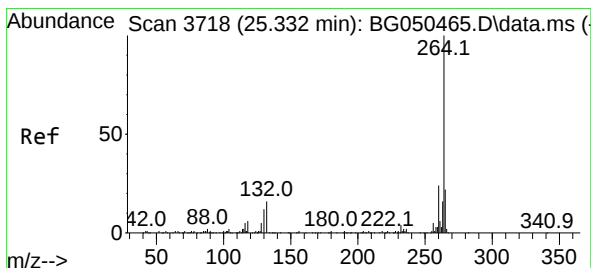
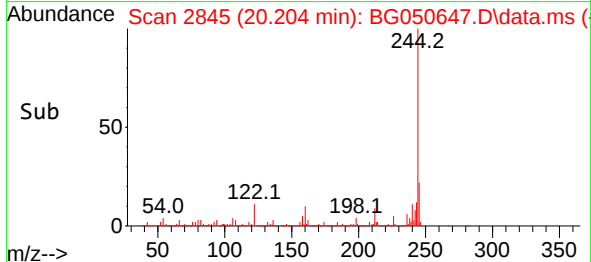
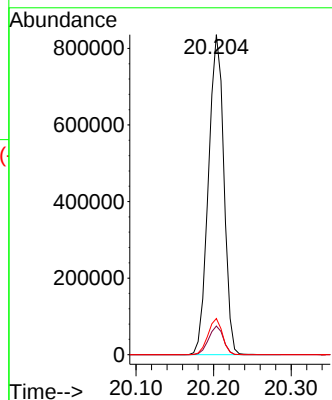
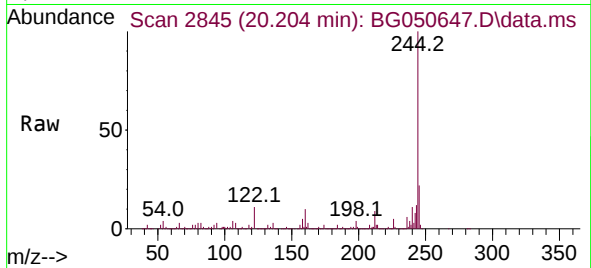




#79
 Terphenyl-d14
 Concen: 98.079 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050647.D
 Acq: 20 Oct 2021 16:04

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

Tgt Ion:244 Resp: 1151771
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 11.3 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG050647.D
 Acq: 20 Oct 2021 16:04

Tgt Ion:264 Resp: 222977
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 19.7 16.9 25.3

