

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
 Data File : BG050616.D
 Acq On : 18 Oct 2021 13:58
 Operator : CG/JU
 Sample : PB139968BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139968BL

Quant Time: Oct 18 15:05:41 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)

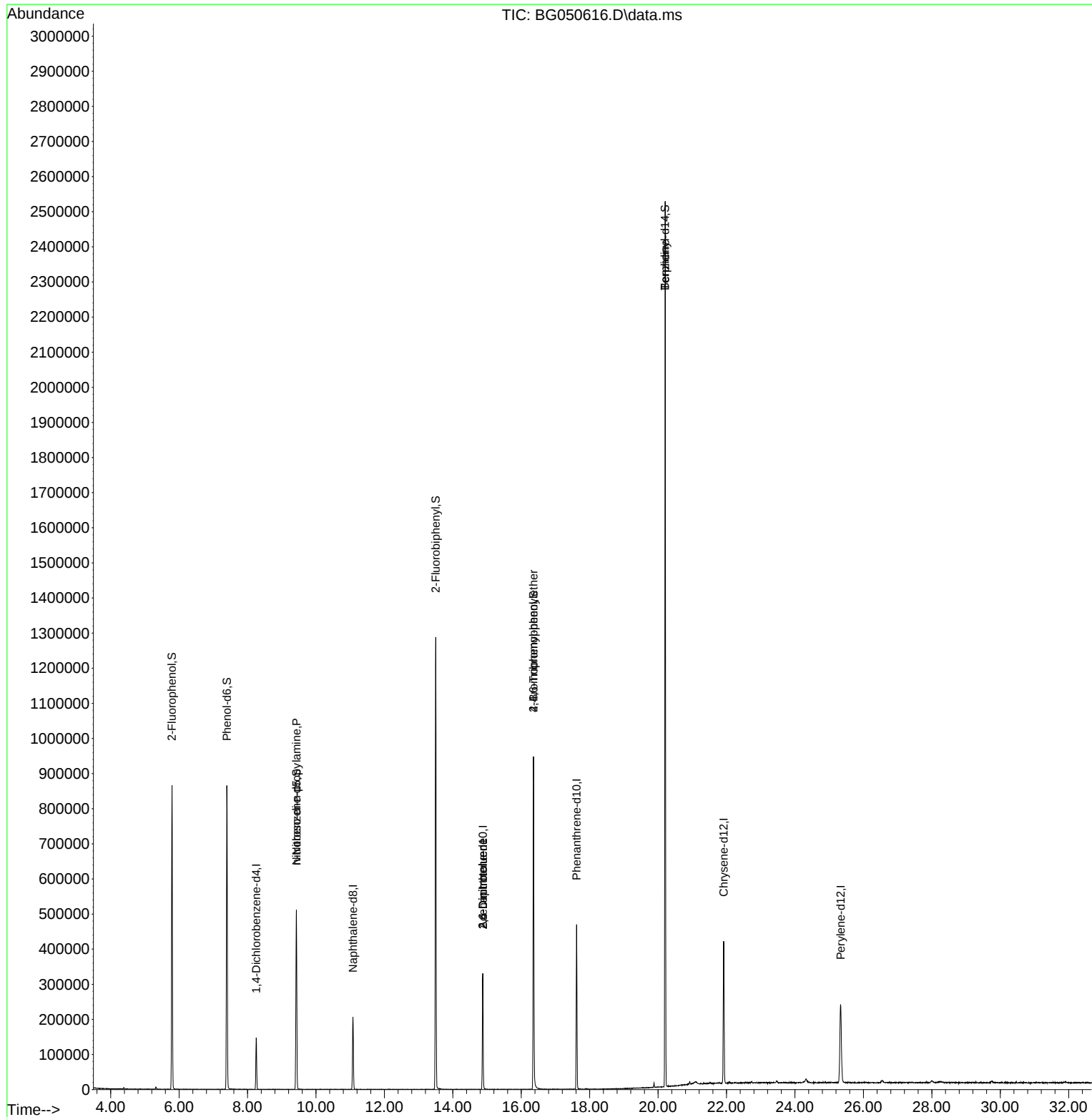
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	38420	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	171465	20.000	ng	# 0.00
39) Acenaphthene-d10	14.876	164	118379	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	289141	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	253230	20.000	ng	#-0.01
86) Perylene-d12	25.334	264	241429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	356366	138.719	ng	0.00
7) Phenol-d6	7.396	99	482672	129.770	ng	0.00
23) Nitrobenzene-d5	9.429	82	339721	82.017	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	145382	128.756	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	644580	81.950	ng	0.00
79) Terphenyl-d14	20.205	244	1106576	85.161	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.396	77	978	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.429	70	47492	17.518	ng	# 68
51) 2,6-Dinitrotoluene	14.876	165	15240	8.503	ng	# 12
57) 2,4-Dinitrotoluene	14.876	165	15240	6.033	ng	# 18
67) 4-Bromophenyl-phenylether	16.356	248	11459	3.933	ng	# 1
77) Benzidine	20.205	184	21859	2.663	ng	# 92

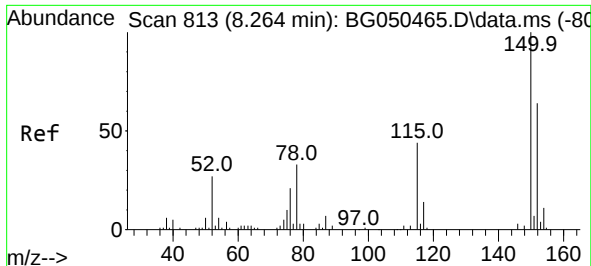
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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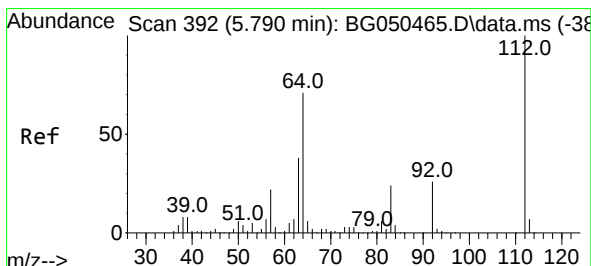
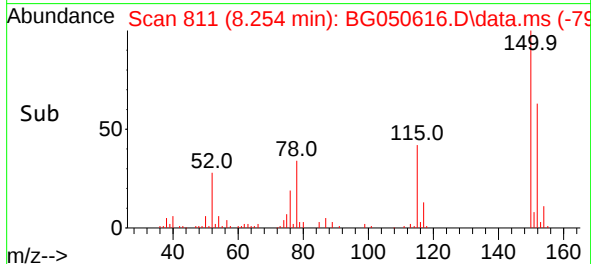
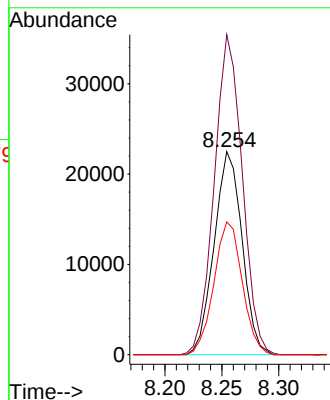
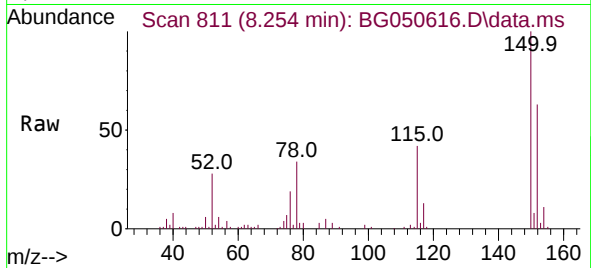




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.254 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

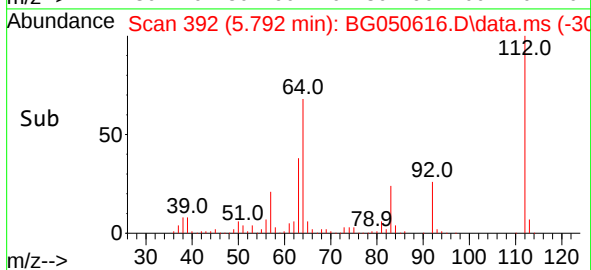
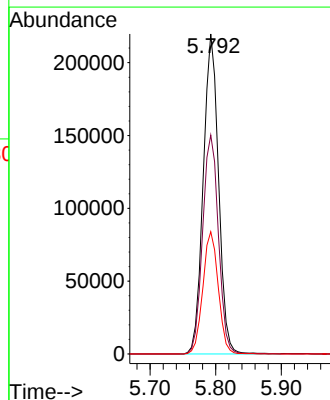
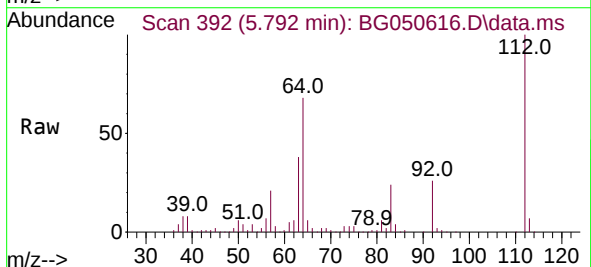
Instrument :
BNA_G
ClientSampleId :
PB139968BL

Tgt Ion:152 Resp: 38420
Ion Ratio Lower Upper
152 100
150 157.6 119.4 179.0
115 65.4 60.2 90.4



#5
2-Fluorophenol
Concen: 138.719 ng
RT: 5.792 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

Tgt Ion:112 Resp: 356366
Ion Ratio Lower Upper
112 100
64 68.4 46.7 70.1
63 38.2 35.3 52.9

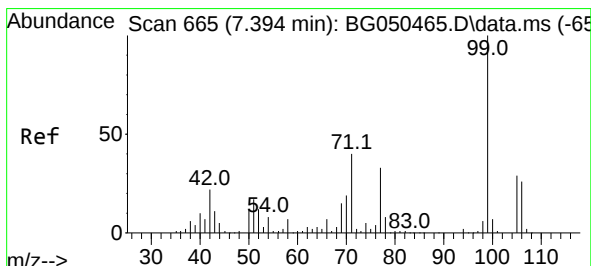
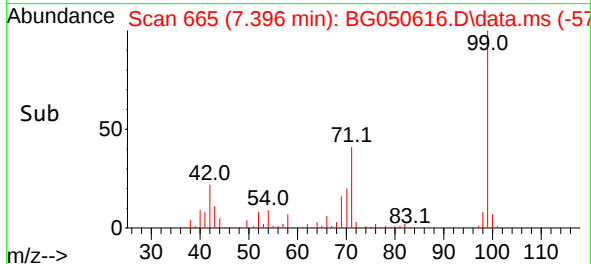
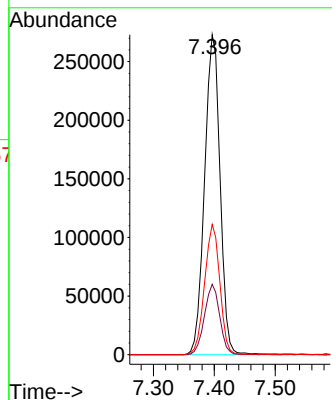
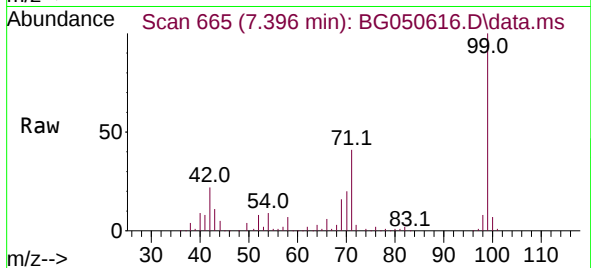




#7
Phenol-d6
Concen: 129.770 ng
RT: 7.396 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

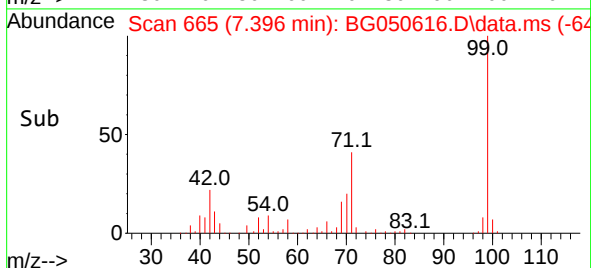
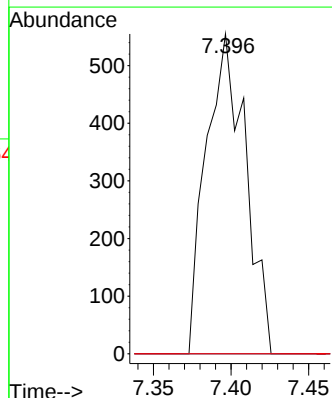
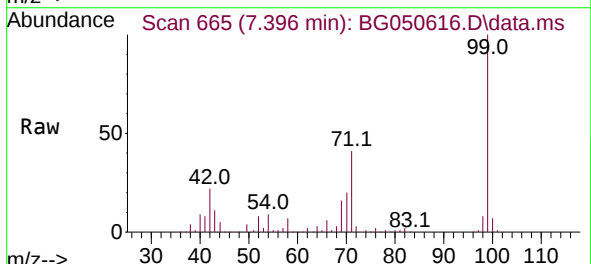
Instrument :
BNA_G
ClientSampleId :
PB139968BL

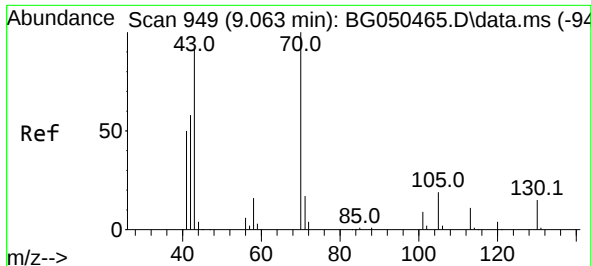
Tgt Ion: 99 Resp: 482672
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 40.7 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.396 min Scan# 665
Delta R.T. 0.008 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

Tgt Ion: 77 Resp: 978
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

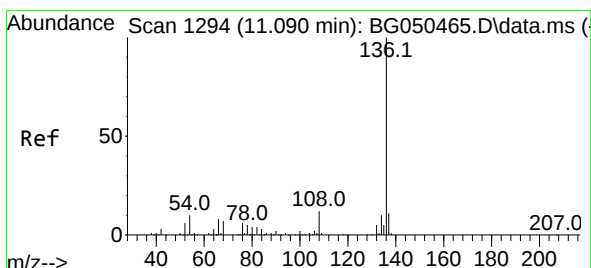
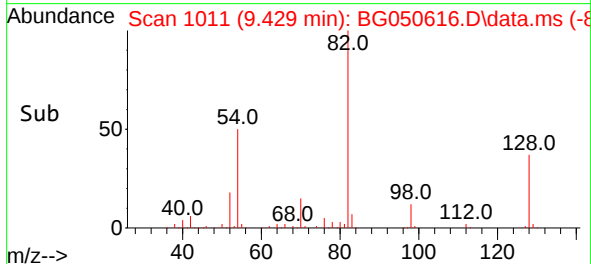
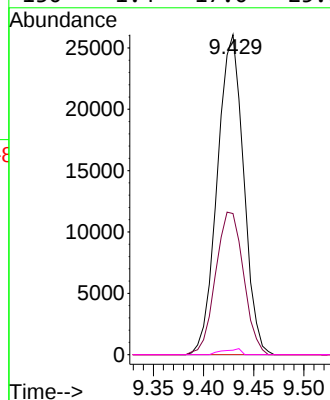
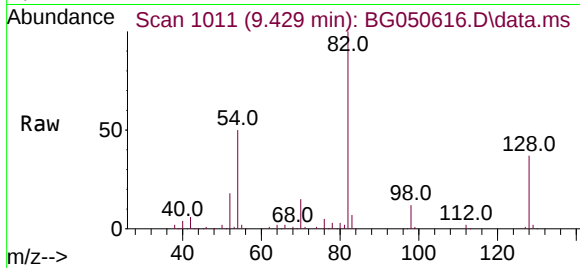




#19
n-Nitroso-di-n-propylamine
Concen: 17.518 ng
RT: 9.429 min Scan# 1011
Delta R.T. 0.372 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

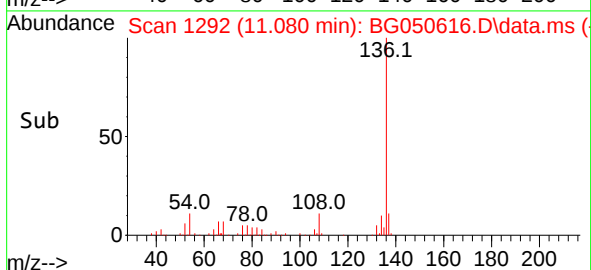
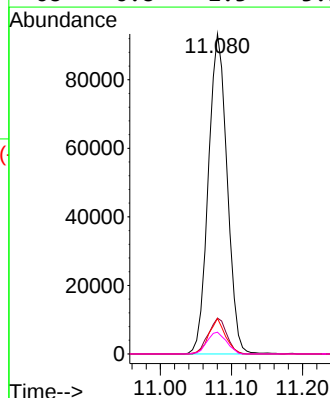
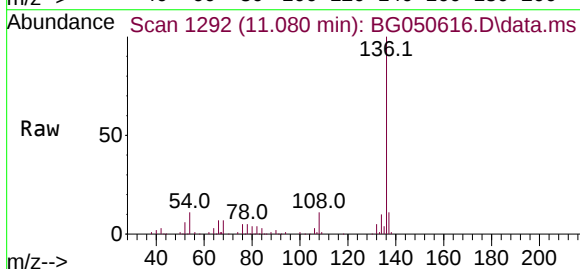
Instrument :
BNA_G
ClientSampleId :
PB139968BL

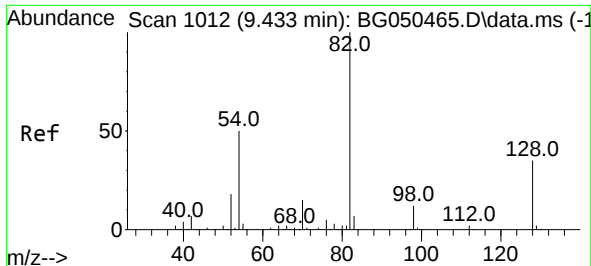
Tgt Ion: 70 Resp: 47492
Ion Ratio Lower Upper
70 100
42 44.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 1292
Delta R.T. -0.004 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

Tgt Ion:136 Resp: 171465
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 11.1 5.5 8.3#
68 6.8 2.3 3.5#

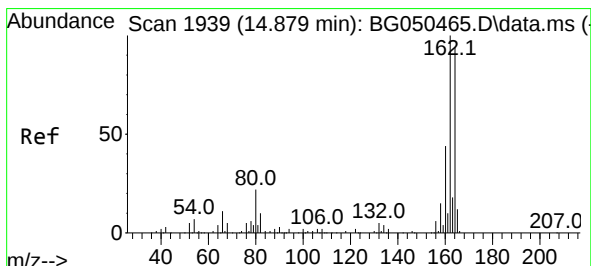
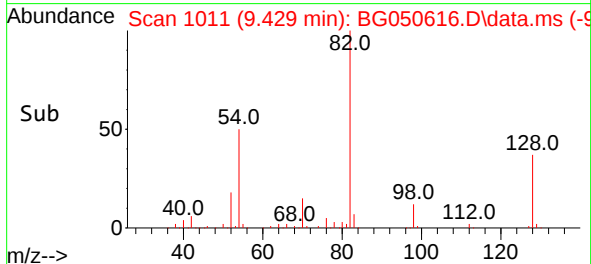
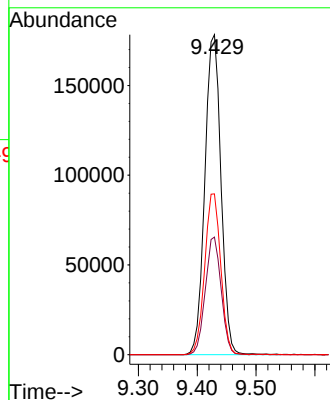
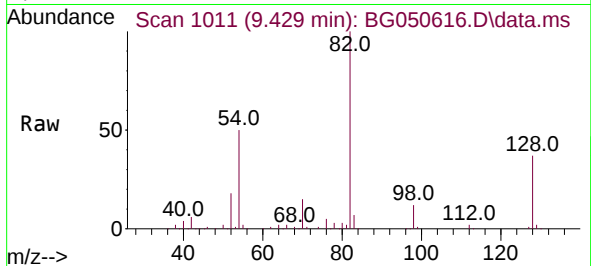




#23
Nitrobenzene-d5
Concen: 82.017 ng
RT: 9.429 min Scan# 1011
Delta R.T. 0.002 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

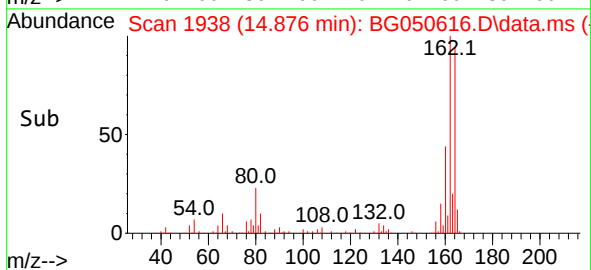
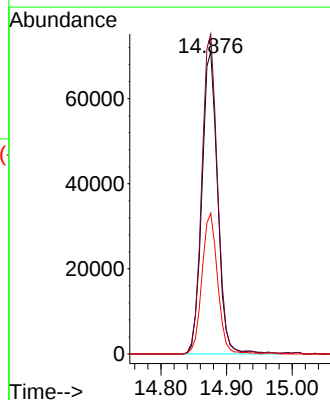
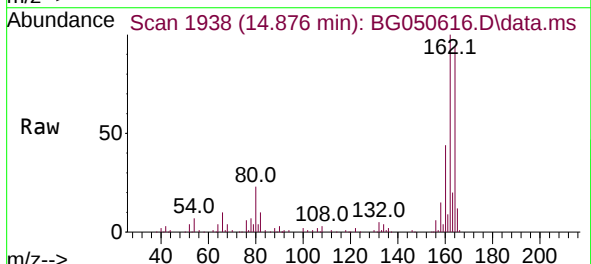
Instrument :
BNA_G
ClientSampleId :
PB139968BL

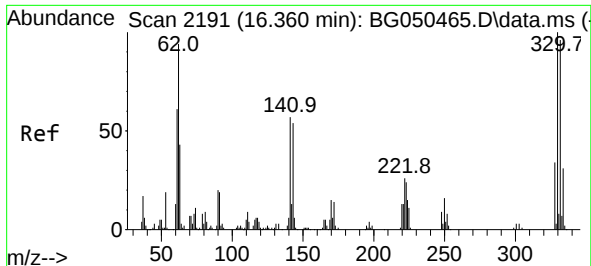
Tgt Ion: 82 Resp: 339721
Ion Ratio Lower Upper
82 100
128 36.8 29.8 44.6
54 50.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1938
Delta R.T. 0.002 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

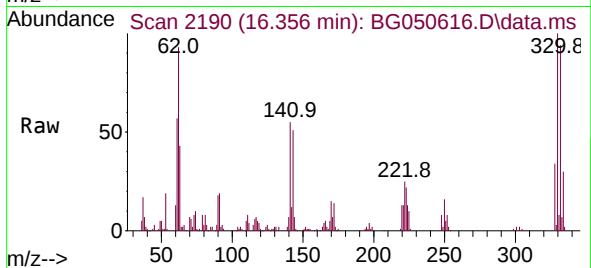
Tgt Ion:164 Resp: 118379
Ion Ratio Lower Upper
164 100
162 105.9 81.4 122.0
160 46.5 34.9 52.3



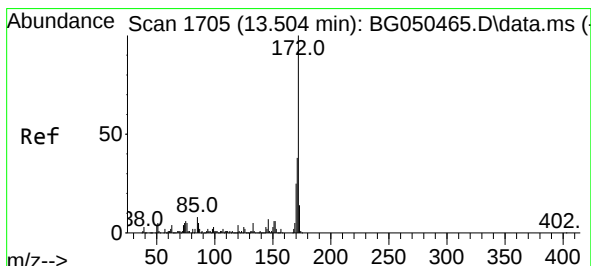
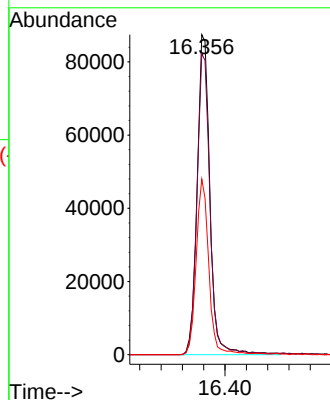
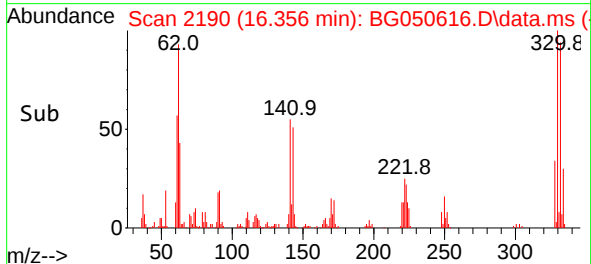


#42
2,4,6-Tribromophenol
Concen: 128.756 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

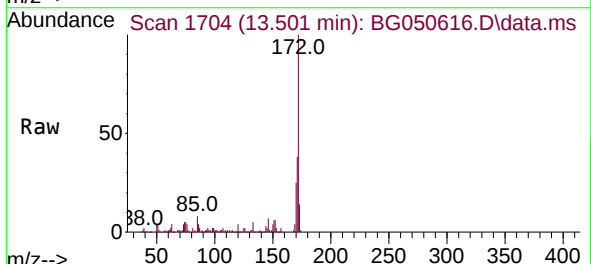
Instrument :
BNA_G
ClientSampleId :
PB139968BL



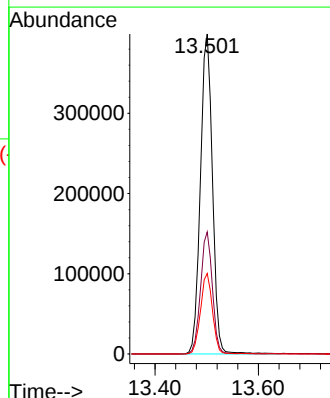
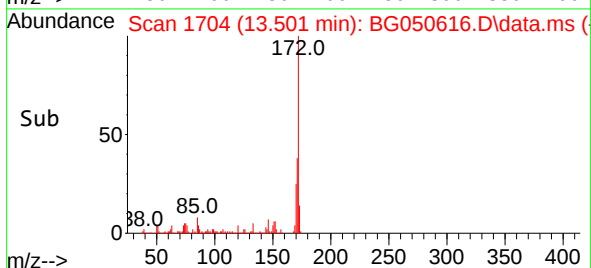
Tgt Ion:330 Resp: 145382
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 53.9 35.6 53.4#

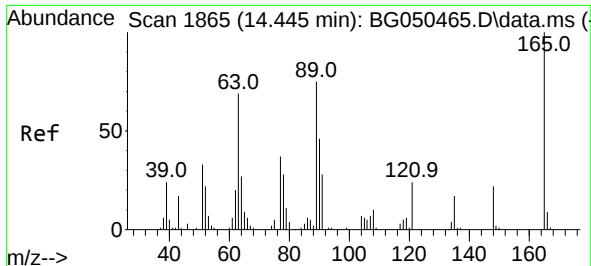


#45
2-Fluorobiphenyl
Concen: 81.950 ng
RT: 13.501 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58



Tgt Ion:172 Resp: 644580
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 25.2 18.6 27.8

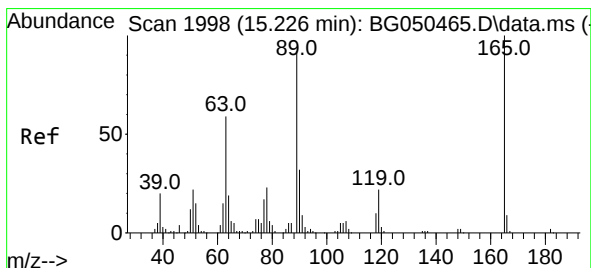
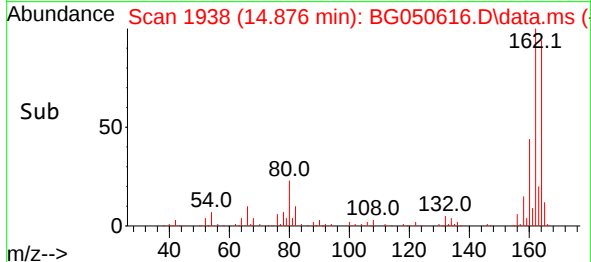
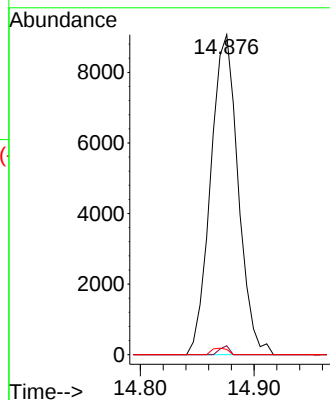
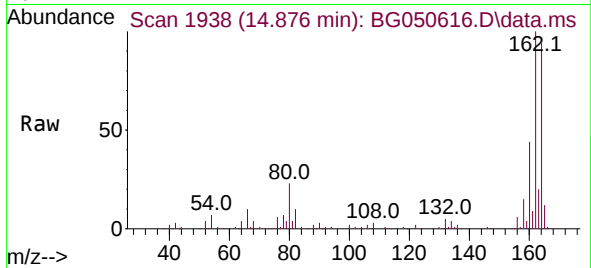




#51
2,6-Dinitrotoluene
Concen: 8.503 ng
RT: 14.876 min Scan# 1938
Delta R.T. 0.431 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

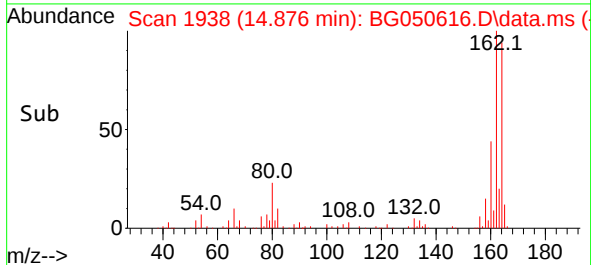
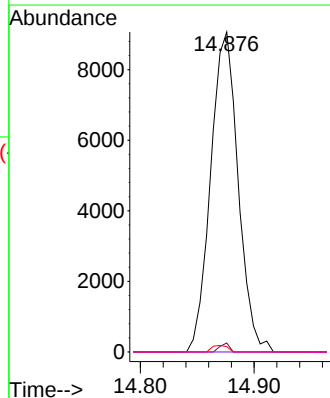
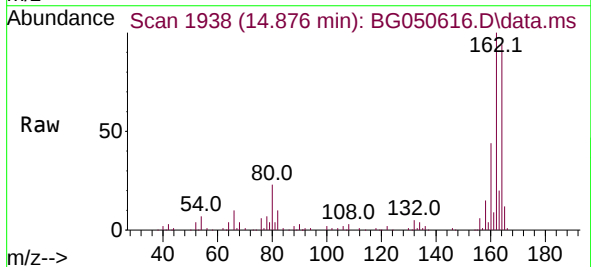
Instrument :
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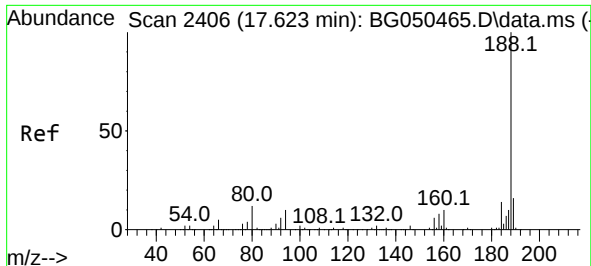
Tgt Ion:165 Resp: 15240
Ion Ratio Lower Upper
165 100
63 2.8 63.3 94.9#
89 1.7 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.033 ng
RT: 14.876 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

Tgt Ion:165 Resp: 15240
Ion Ratio Lower Upper
165 100
63 2.8 48.0 72.0#
89 1.7 65.4 98.0#
182 0.0 2.0 3.0#

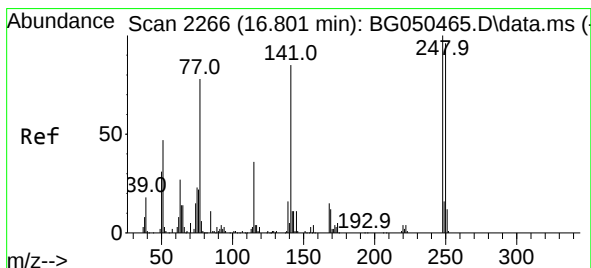
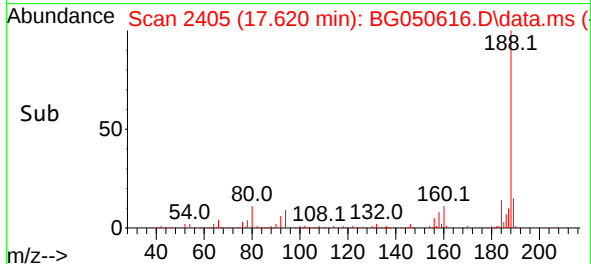
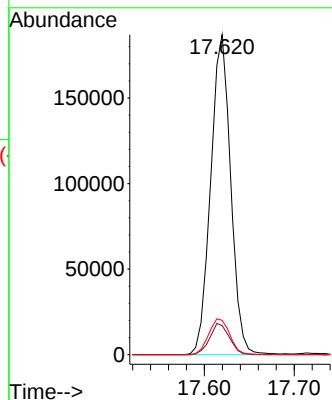
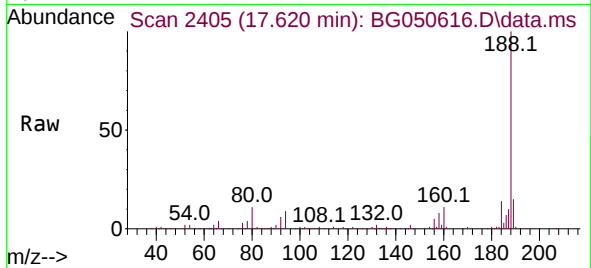




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2405
Delta R.T. 0.002 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

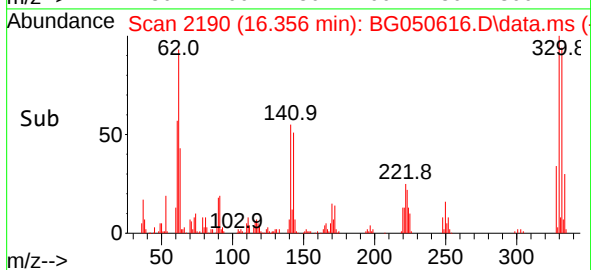
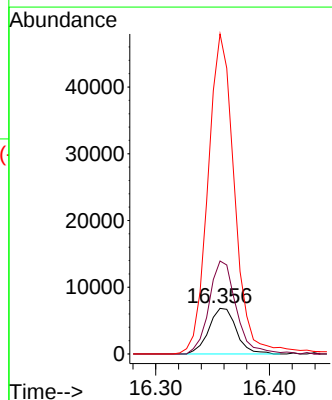
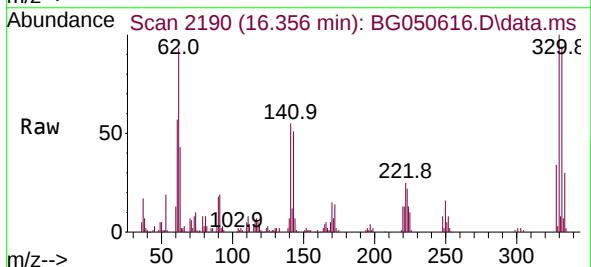
Instrument :
BNA_G
ClientSampleId :
PB139968BL

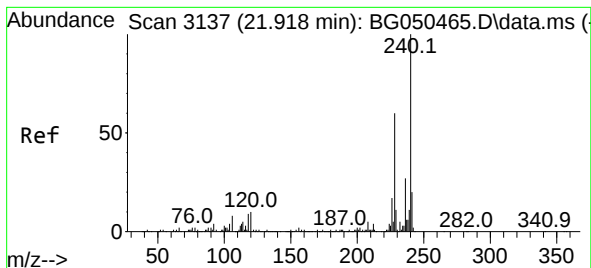
Tgt Ion:188 Resp: 289141
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 10.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.933 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.445 min
Lab File: BG050616.D
Acq: 18 Oct 2021 13:58

Tgt Ion:248 Resp: 11459
Ion Ratio Lower Upper
248 100
250 203.8 76.1 114.1#
141 701.5 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.915 min Scan# 3136

Delta R.T. -0.010 min

Lab File: BG050616.D

Acq: 18 Oct 2021 13:58

Tgt Ion:240 Resp: 253230

Ion Ratio Lower Upper

240 100

120 10.7 4.2 6.2#

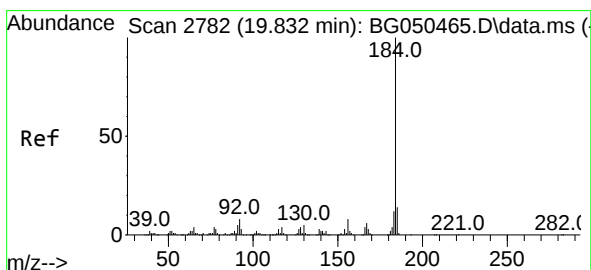
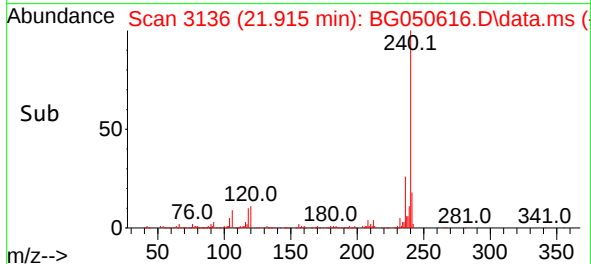
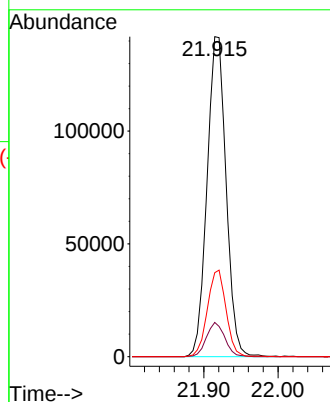
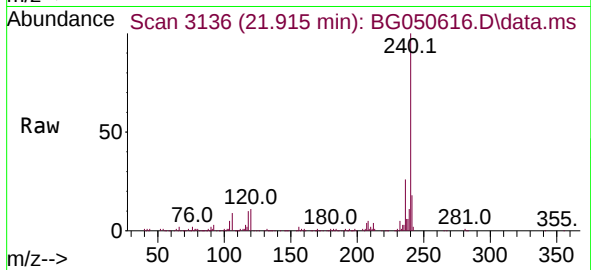
236 26.3 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

PB139968BL



#77

Benzidine

Concen: 2.663 ng

RT: 20.205 min Scan# 2845

Delta R.T. 0.372 min

Lab File: BG050616.D

Acq: 18 Oct 2021 13:58

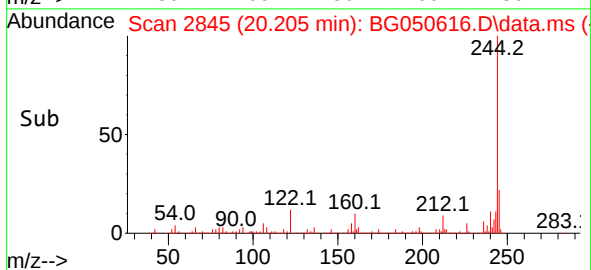
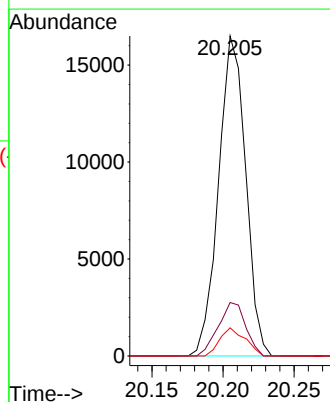
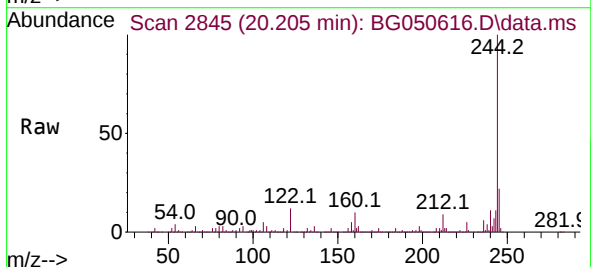
Tgt Ion:184 Resp: 21859

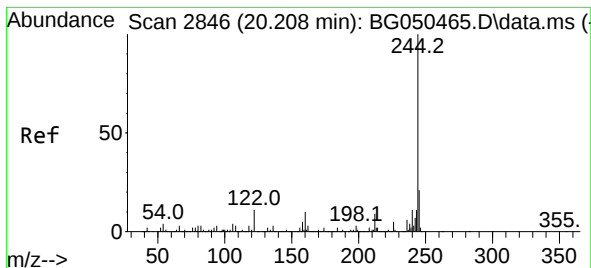
Ion Ratio Lower Upper

184 100

185 16.7 10.7 16.1#

183 8.8 9.4 14.0#





#79

Terphenyl-d14

Concen: 85.161 ng

RT: 20.205 min Scan# 2845

Delta R.T. -0.004 min

Lab File: BG050616.D

Acq: 18 Oct 2021 13:58

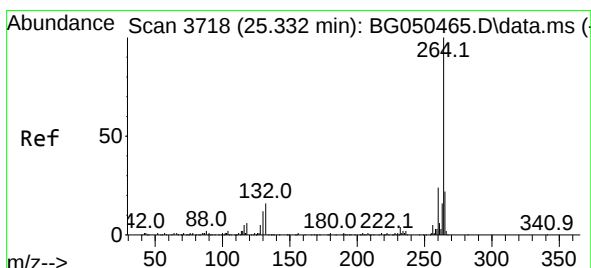
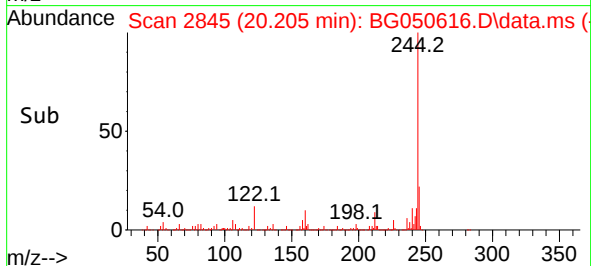
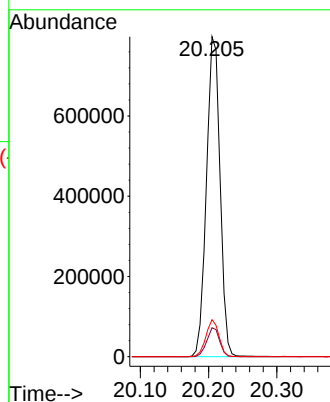
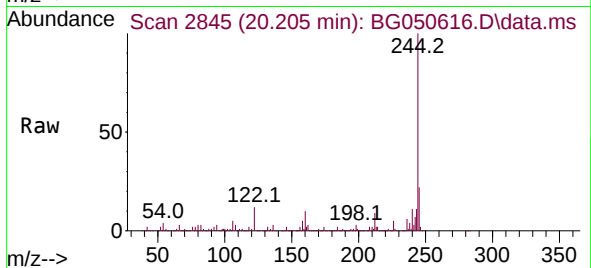
Tgt Ion:244 Resp: 1106576

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

122 11.5 5.0 7.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.334 min Scan# 3718

Delta R.T. 0.002 min

Lab File: BG050616.D

Acq: 18 Oct 2021 13:58

Tgt Ion:264 Resp: 241429

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.0 16.9 25.3

