

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050518.D
 Acq On : 8 Oct 2021 21:02
 Operator : CG/JU
 Sample : M4117-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(6.5-7.0)

Quant Time: Oct 09 01:27:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

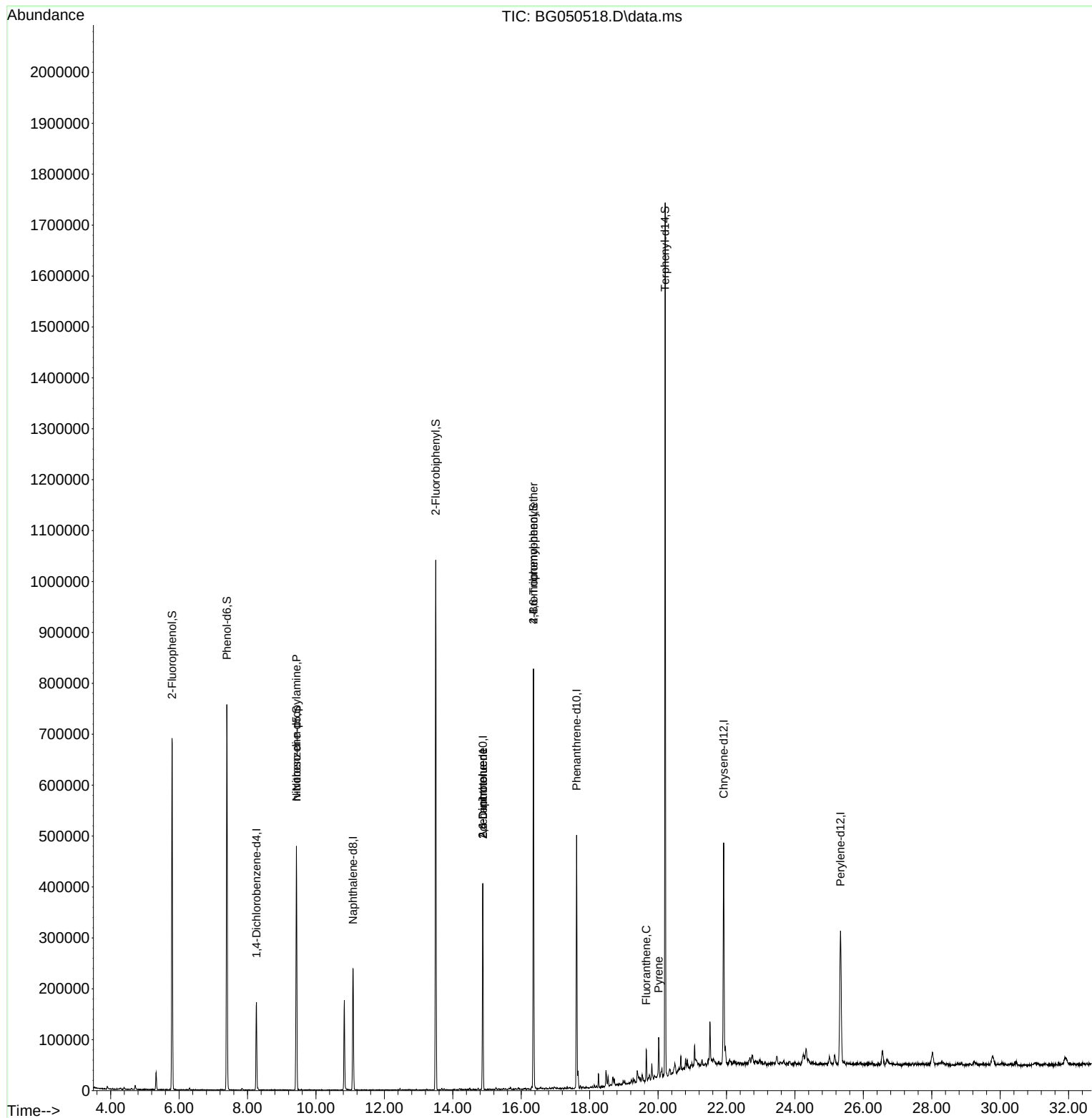
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	46025	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	195552	20.000	ng	# 0.00
39) Acenaphthene-d10	14.877	164	136875	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	291990	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	261501	20.000	ng	# 0.00
86) Perylene-d12	25.329	264	256983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	288516	93.750	ng	0.00
7) Phenol-d6	7.397	99	413738	92.857	ng	0.00
23) Nitrobenzene-d5	9.430	82	300959	63.709	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	115506	88.473	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	517436	56.896	ng	0.00
79) Terphenyl-d14	20.206	244	749900	55.886	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.391	77	870	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.430	70	42450	13.071	ng	# 68
51) 2,6-Dinitrotoluene	14.877	165	17512	8.451	ng	# 12
57) 2,4-Dinitrotoluene	14.877	165	17512	5.996	ng	# 17
67) 4-Bromophenyl-phenylether	16.357	248	9512	3.233	ng	# 1
75) Fluoranthene	19.653	202	37857	2.002	ng	95
78) Pyrene	20.018	202	50264	2.709	ng	98

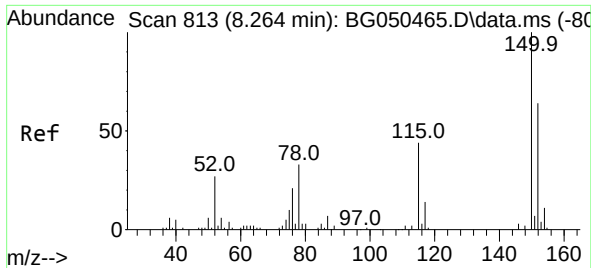
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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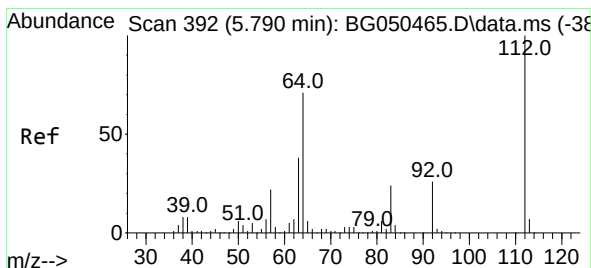
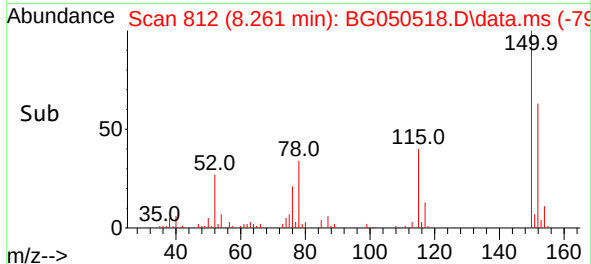
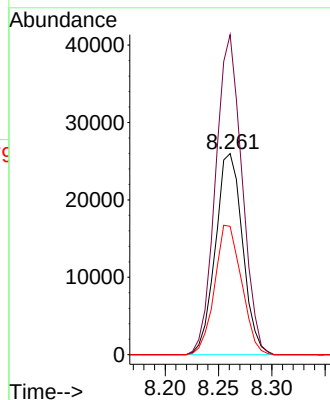
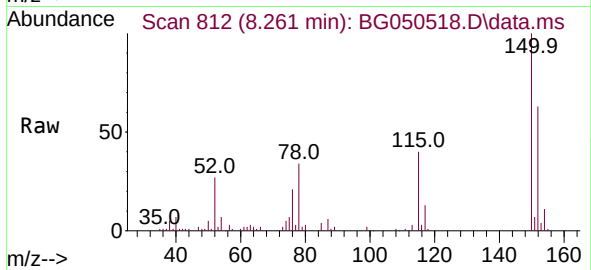




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

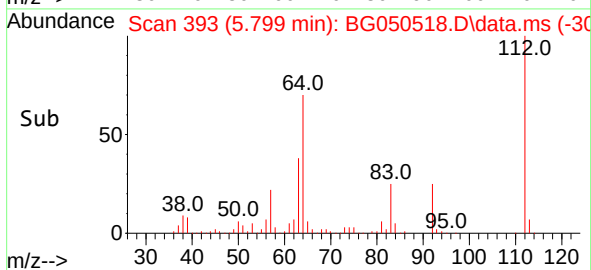
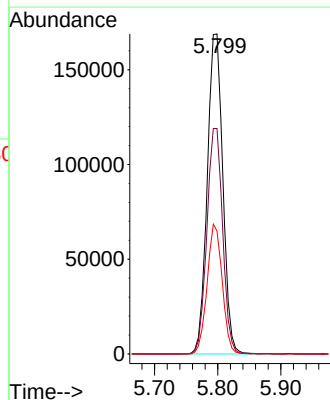
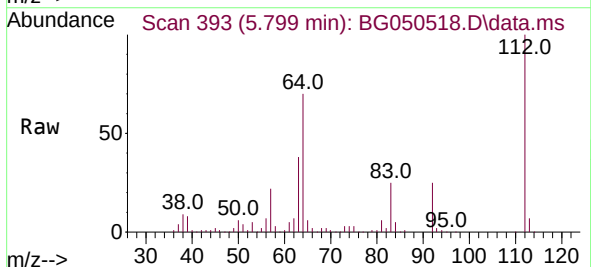
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

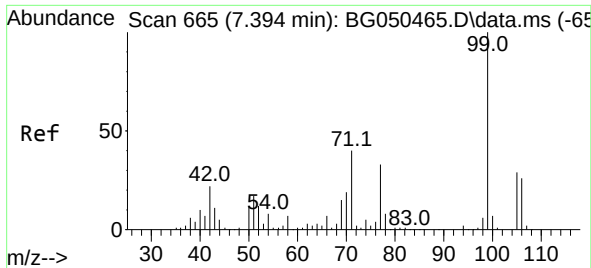
Tgt Ion:152 Resp: 46025
Ion Ratio Lower Upper
152 100
150 159.1 119.4 179.0
115 63.8 60.2 90.4



#5
2-Fluorophenol
Concen: 93.750 ng
RT: 5.799 min Scan# 393
Delta R.T. 0.009 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Tgt Ion:112 Resp: 288516
Ion Ratio Lower Upper
112 100
64 70.5 46.7 70.1#
63 38.4 35.3 52.9

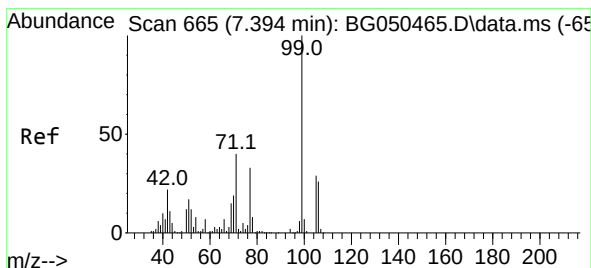
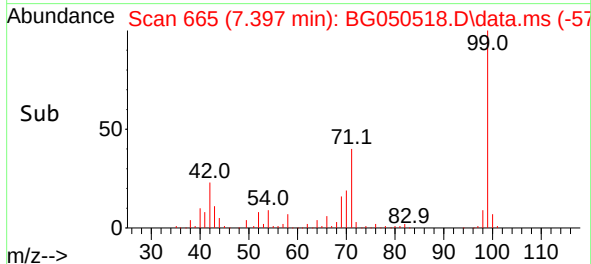
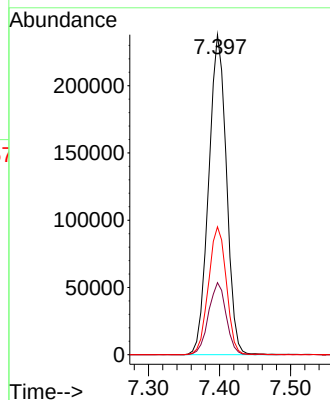
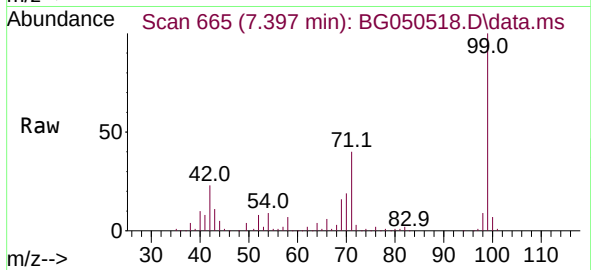




#7
Phenol-d6
Concen: 92.857 ng
RT: 7.397 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

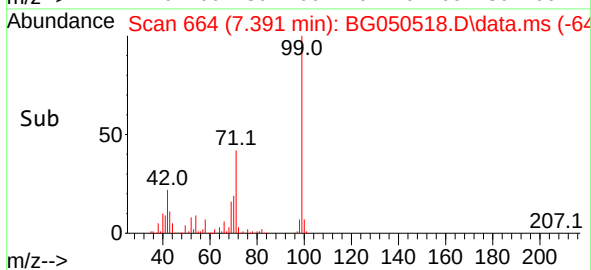
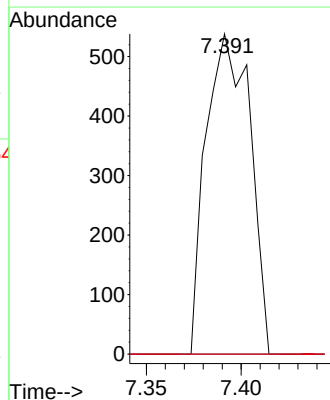
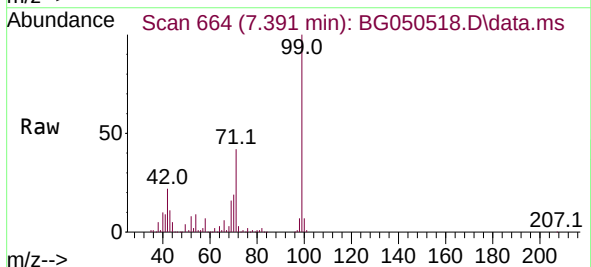
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

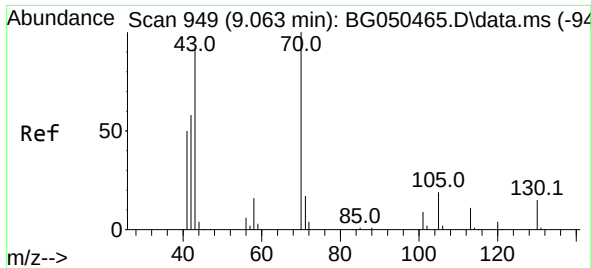
Tgt Ion: 99 Resp: 413738
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 39.9 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.391 min Scan# 664
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Tgt Ion: 77 Resp: 870
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

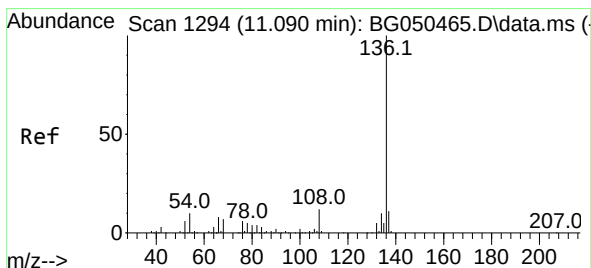
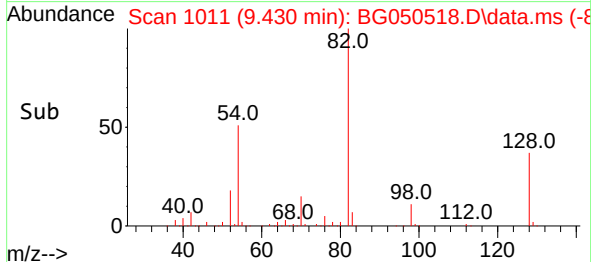
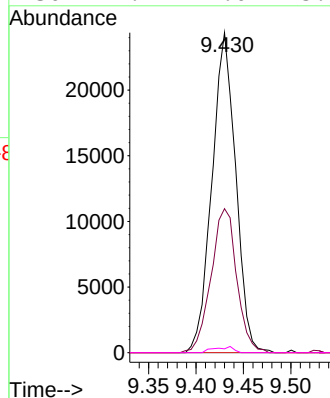
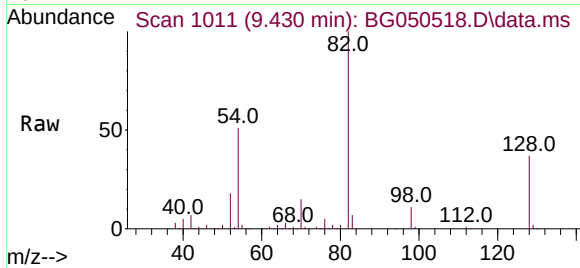




#19
n-Nitroso-di-n-propylamine
Concen: 13.071 ng
RT: 9.430 min Scan# 1011
Delta R.T. 0.367 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

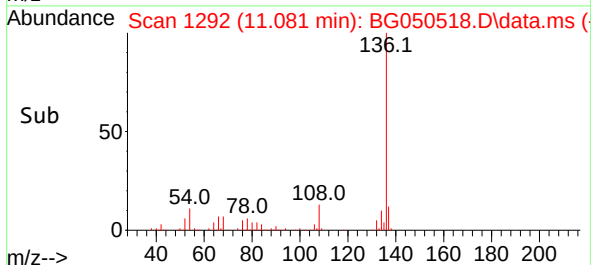
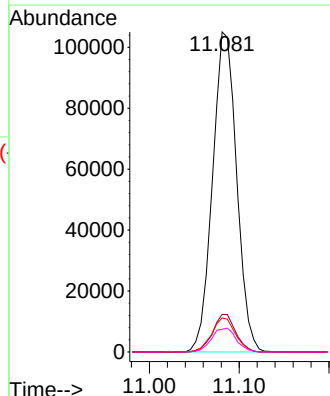
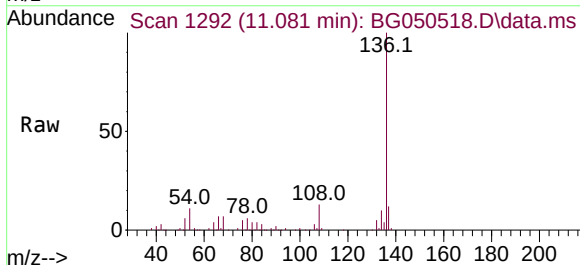
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

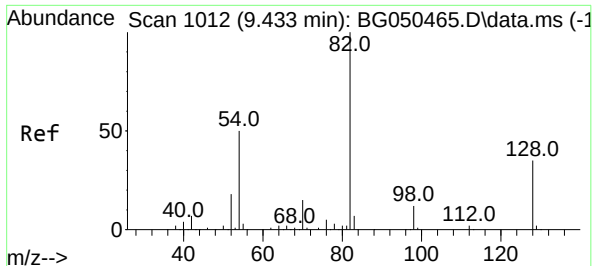
Tgt Ion:	70	Resp:	42450
Ion	Ratio	Lower	Upper
70	100		
42	45.0	54.5	81.7#
101	0.0	9.0	13.6#
130	1.2	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Tgt Ion:	136	Resp:	195552
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.2
54	10.6	5.5	8.3#
68	7.1	2.3	3.5#

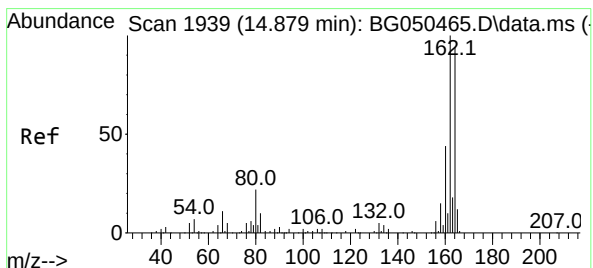
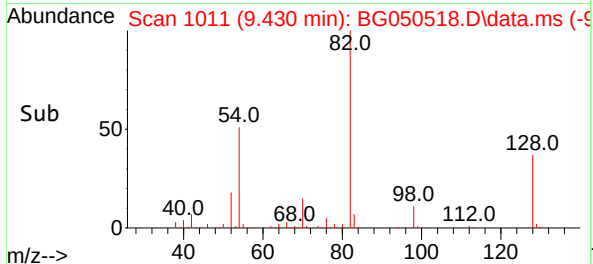
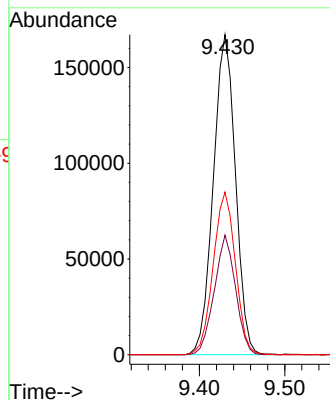
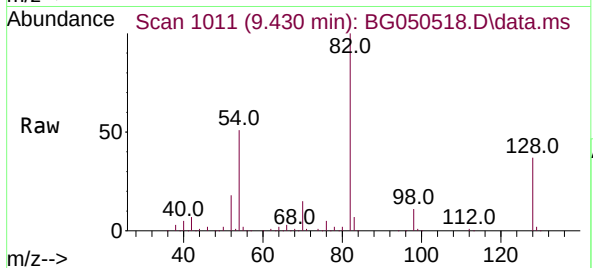




#23
Nitrobenzene-d5
Concen: 63.709 ng
RT: 9.430 min Scan# 1011
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

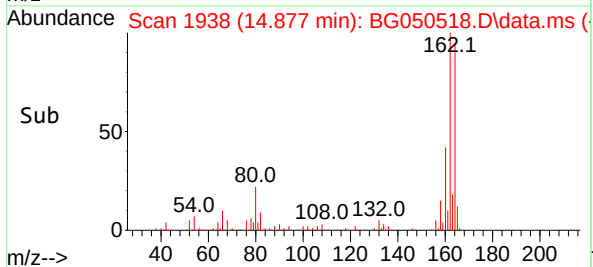
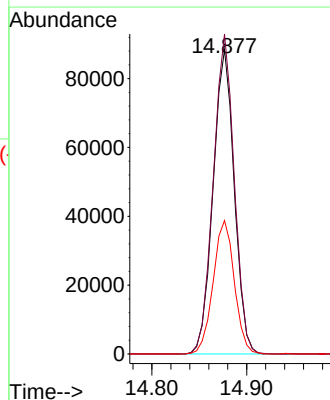
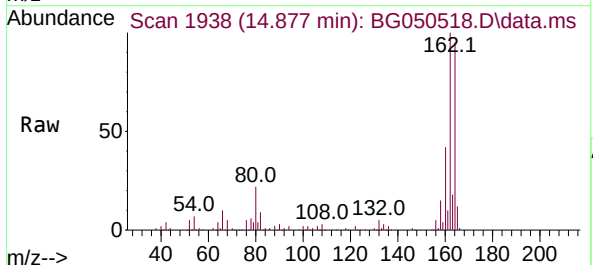
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

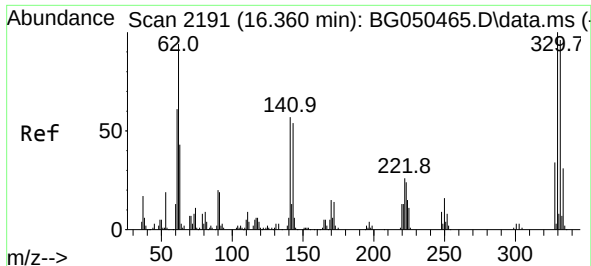
Tgt Ion: 82 Resp: 300959
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 50.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

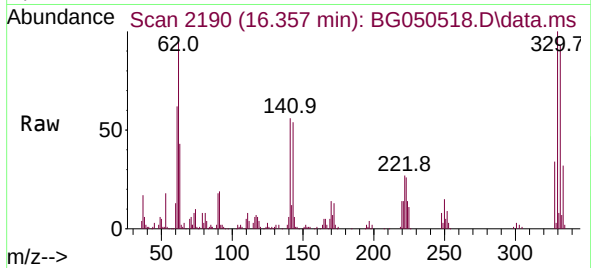
Tgt Ion:164 Resp: 136875
Ion Ratio Lower Upper
164 100
162 105.1 81.4 122.0
160 43.8 34.9 52.3



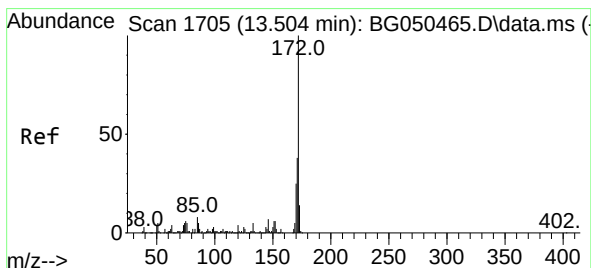
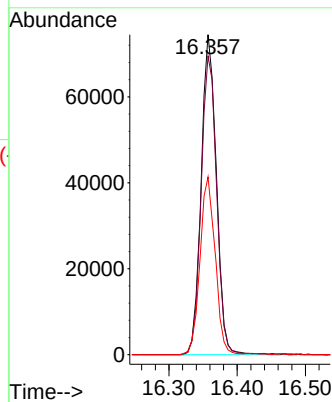
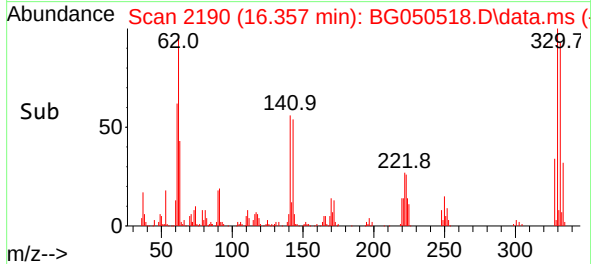


#42
2,4,6-Tribromophenol
Concen: 88.473 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

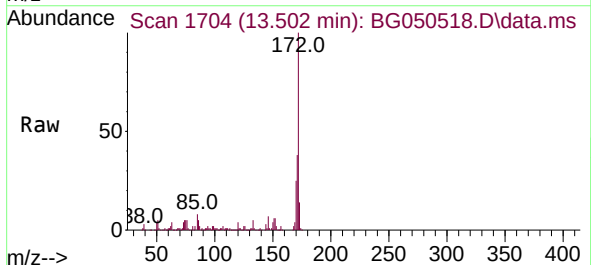
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)



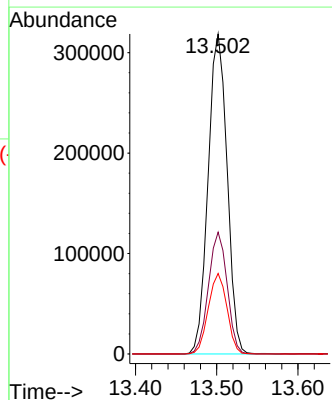
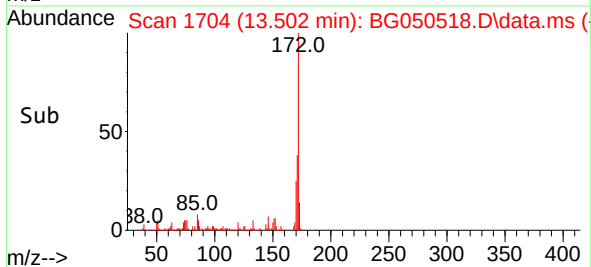
Tgt Ion:330 Resp: 115506
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 55.3 35.6 53.4#

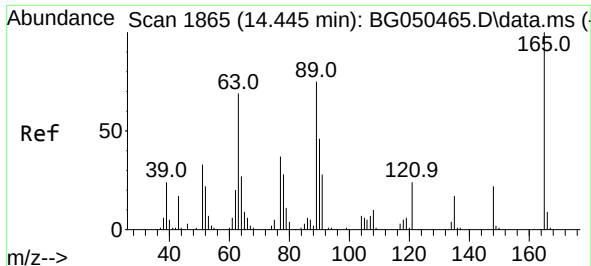


#45
2-Fluorobiphenyl
Concen: 56.896 ng
RT: 13.502 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02



Tgt Ion:172 Resp: 517436
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 25.2 18.6 27.8

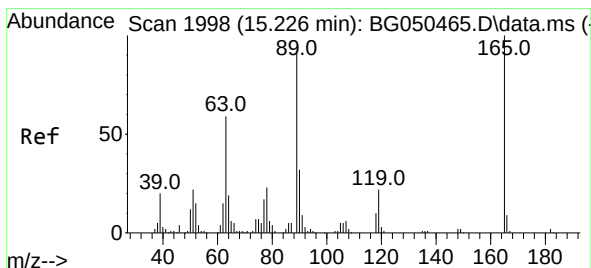
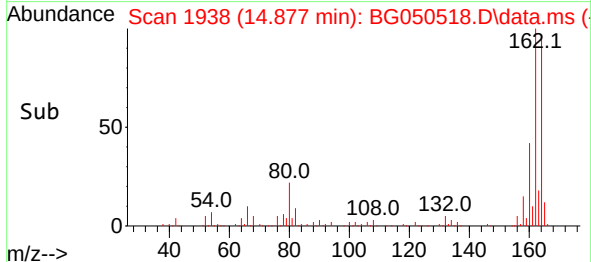
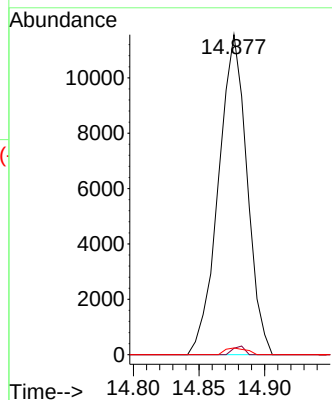
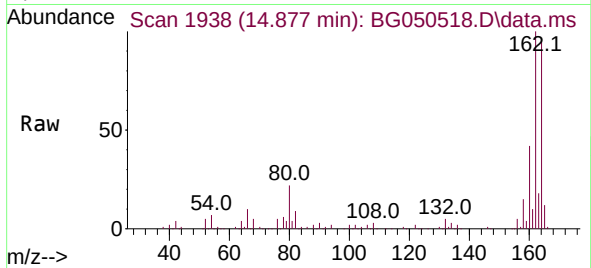




#51
2,6-Dinitrotoluene
Concen: 8.451 ng
RT: 14.877 min Scan# 1938
Delta R.T. 0.432 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

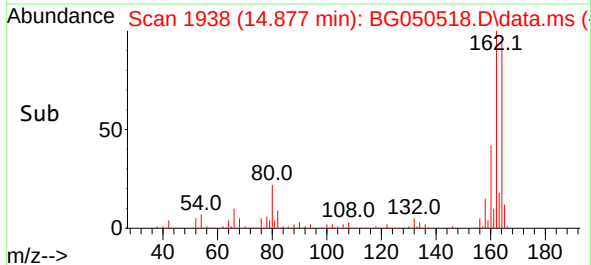
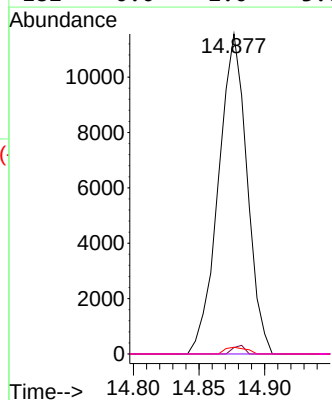
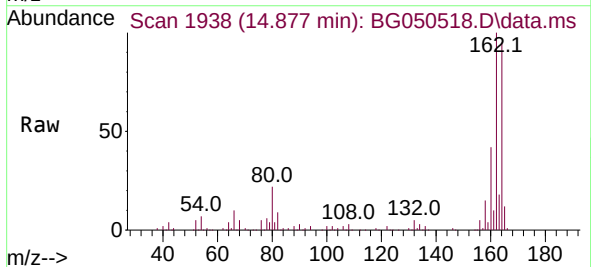
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

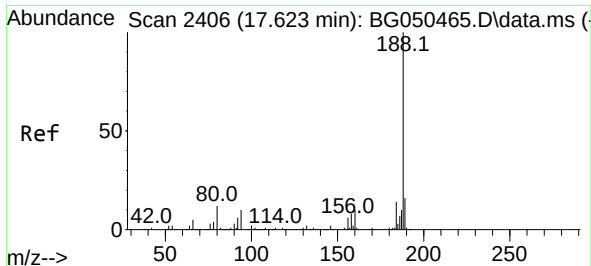
Tgt Ion:165 Resp: 17512
Ion Ratio Lower Upper
165 100
63 2.0 63.3 94.9#
89 2.1 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.996 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.349 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Tgt Ion:165 Resp: 17512
Ion Ratio Lower Upper
165 100
63 2.0 48.0 72.0#
89 2.1 65.4 98.0#
182 0.0 2.0 3.0#

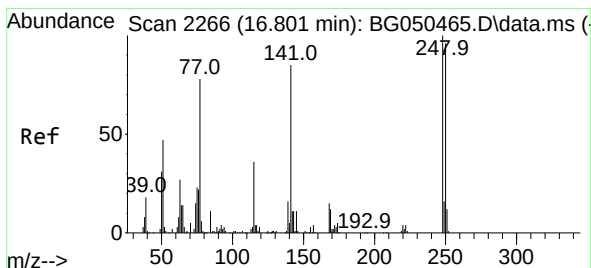
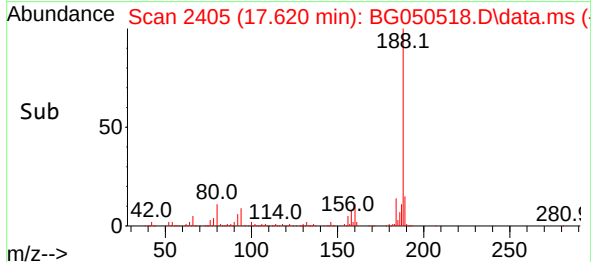
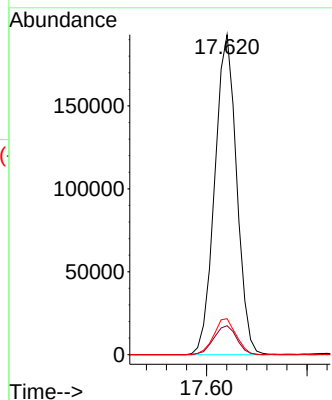
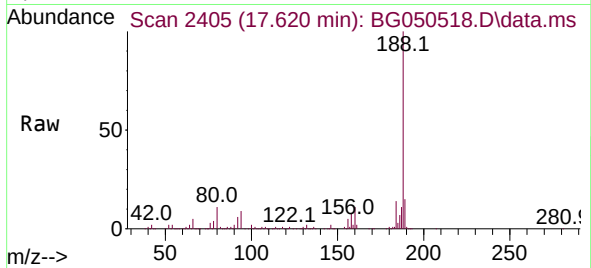




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

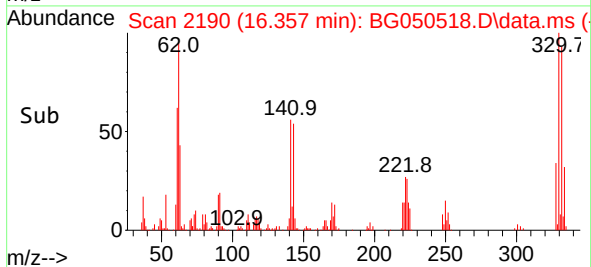
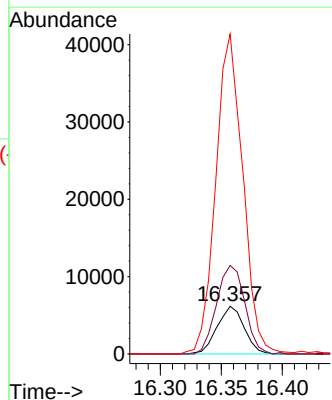
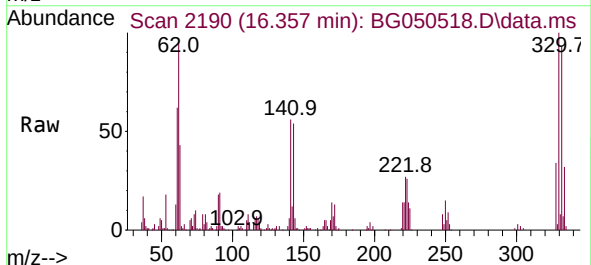
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

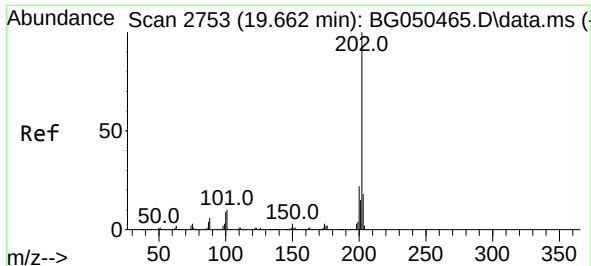
Tgt Ion:188 Resp: 291990
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.233 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.443 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Tgt Ion:248 Resp: 9512
Ion Ratio Lower Upper
248 100
250 185.3 76.1 114.1#
141 670.1 65.4 98.2#

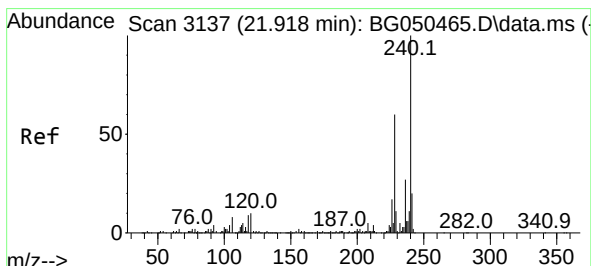
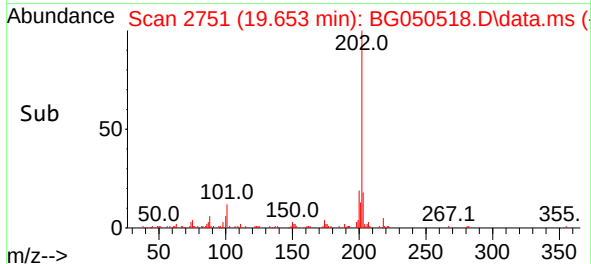
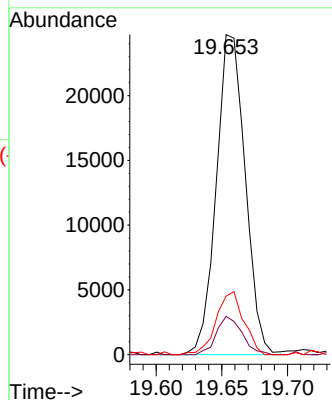
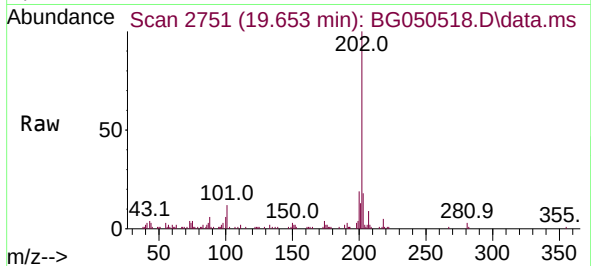




#75
Fluoranthene
Concen: 2.002 ng
RT: 19.653 min Scan# 2751
Delta R.T. -0.009 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

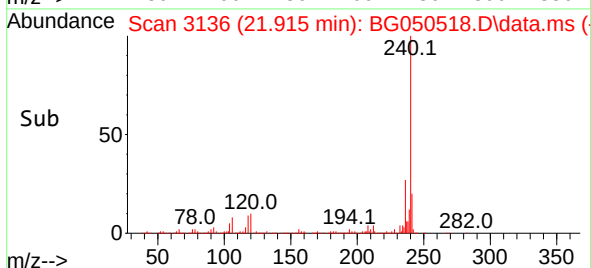
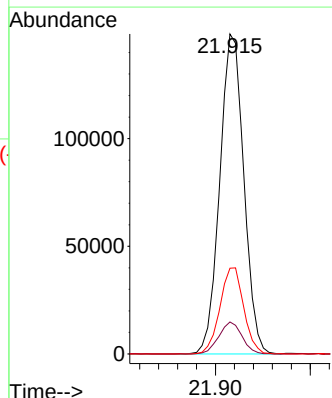
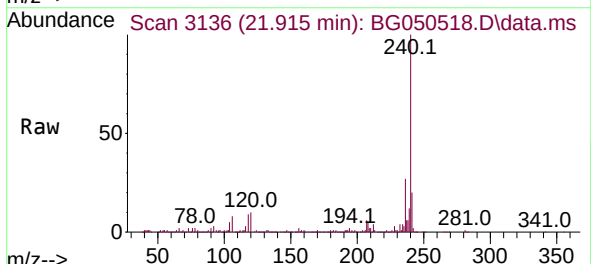
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

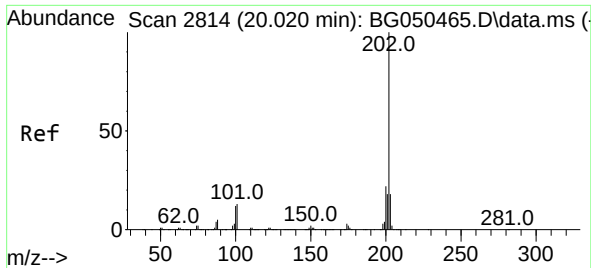
Tgt Ion:	202	Resp:	37857
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	24.7
203	18.3	0.0	38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3136
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Tgt Ion:	240	Resp:	261501
Ion	Ratio	Lower	Upper
240	100		
120	10.0	4.2	6.2#
236	26.8	21.8	32.6

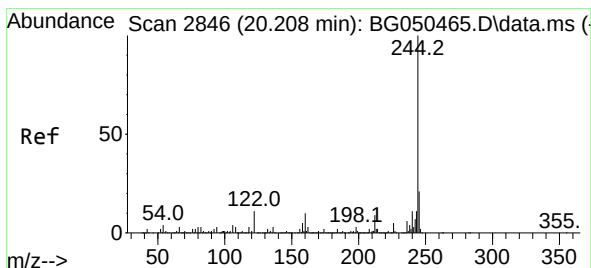
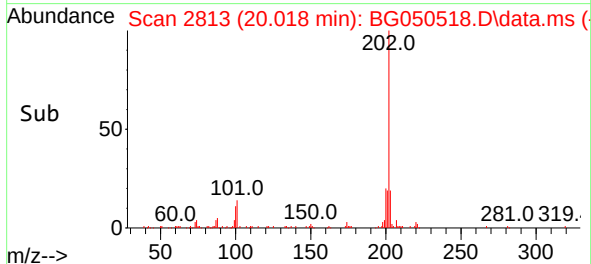
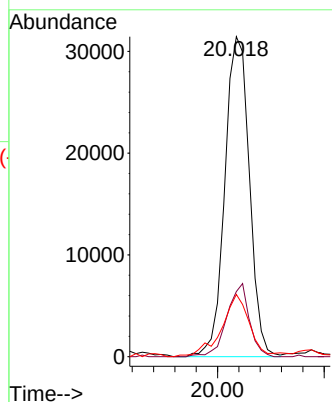
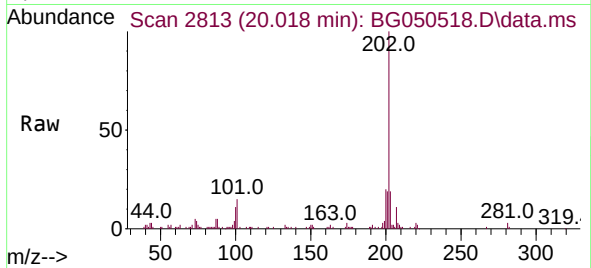




#78
Pyrene
Concen: 2.709 ng
RT: 20.018 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

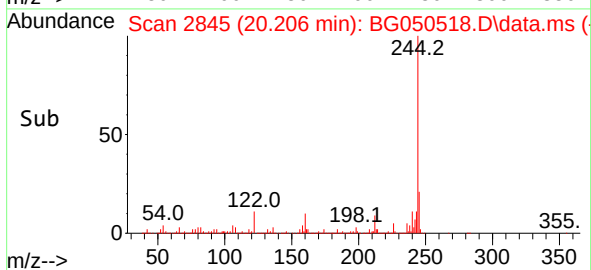
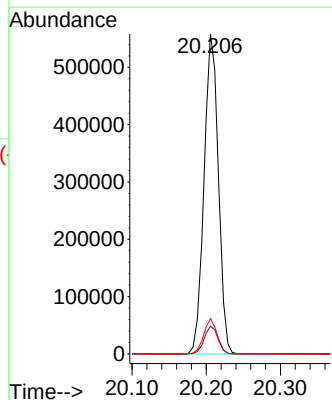
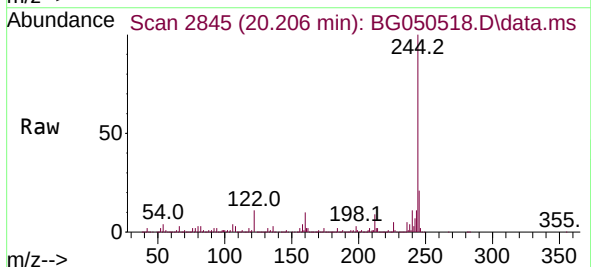
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

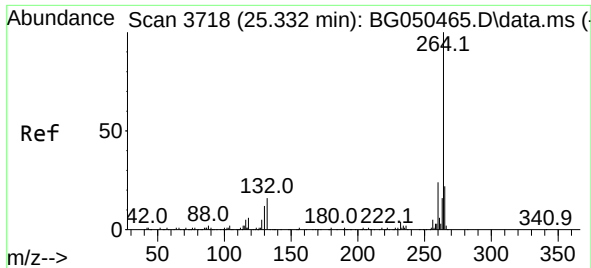
Tgt Ion:202	Resp:	50264
Ion Ratio	Lower	Upper
202	100	
200	20.4	15.8 23.8
203	19.5	14.6 21.8



#79
Terphenyl-d14
Concen: 55.886 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

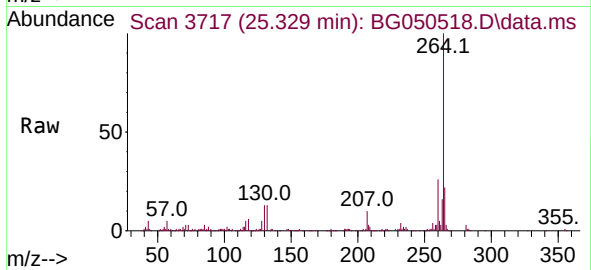
Tgt Ion:244	Resp:	749900
Ion Ratio	Lower	Upper
244	100	
212	8.7	6.9 10.3
122	11.0	5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.329 min Scan# 3717
 Delta R.T. -0.003 min
 Lab File: BG050518.D
 Acq: 8 Oct 2021 21:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(6.5-7.0)



Tgt Ion:264 Resp: 256983

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	22.0	16.9	25.3

