

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061821\
 Data File : BG049018.D
 Acq On : 18 Jun 2021 13:45
 Operator : CG/JU
 Sample : M2687-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(100-104)

Quant Time: Jun 18 14:21:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

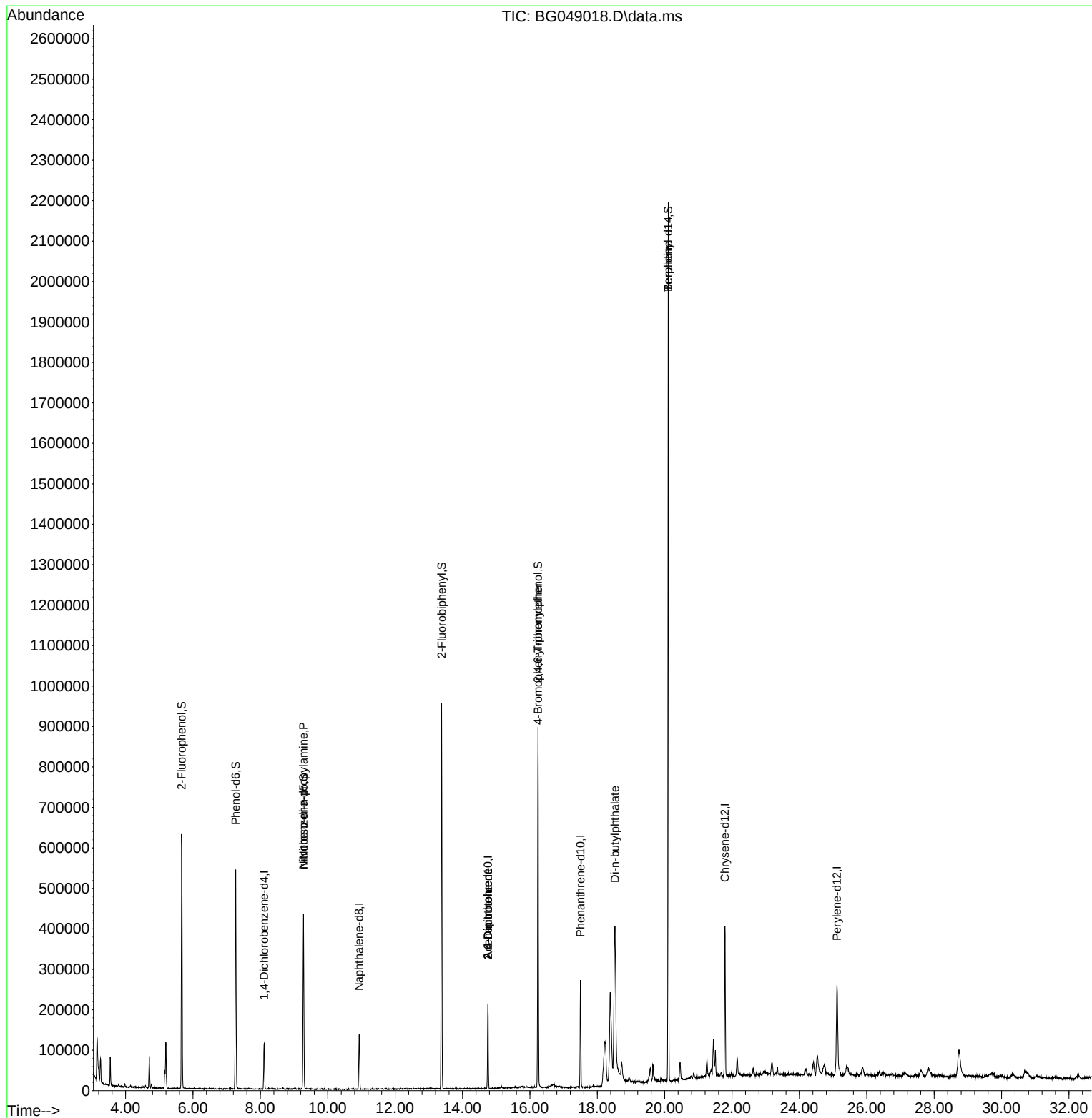
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	30035	20.000	ng	0.00
21) Naphthalene-d8	10.930	136	108379	20.000	ng	#-0.01
39) Acenaphthene-d10	14.754	164	74041	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	172787	20.000	ng	#-0.01
76) Chrysene-d12	21.787	240	230340	20.000	ng	-0.01
86) Perylene-d12	25.113	264	243728	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	242595	125.734	ng	0.00
7) Phenol-d6	7.269	99	279581	96.679	ng	0.00
23) Nitrobenzene-d5	9.279	82	245553	97.696	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	164436	149.901	ng	0.00
45) 2-Fluorobiphenyl	13.380	172	492966	94.055	ng	0.00
79) Terphenyl-d14	20.107	244	1048219	83.343	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.279	70	36130	15.984	ng	# 80
51) 2,6-Dinitrotoluene	14.754	165	9145	7.786	ng	# 11
57) 2,4-Dinitrotoluene	14.754	165	9145	6.339	ng	# 17
67) 4-Bromophenyl-phenylether	16.235	248	10627	4.926	ng	# 1
74) Di-n-butylphthalate	18.526	149	360612	34.333	ng	# 90
77) Benzidine	20.107	184	20752	4.472	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061821\
Data File : BG049018.D
Acq On : 18 Jun 2021 13:45
Operator : CG/JU
Sample : M2687-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
17-B6(100-104)

Quant Time: Jun 18 14:21:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

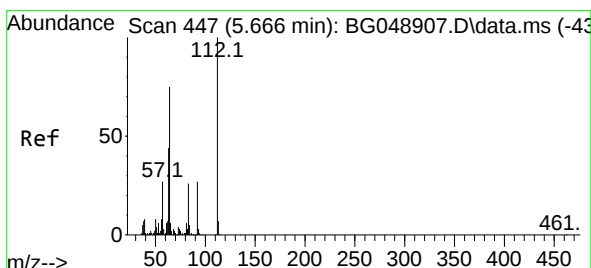
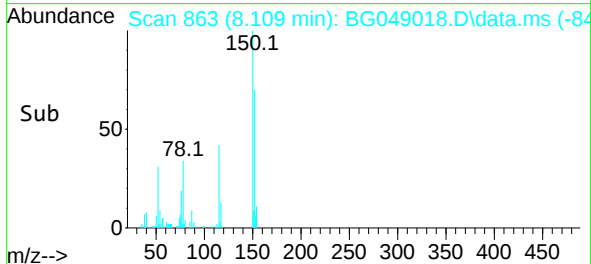
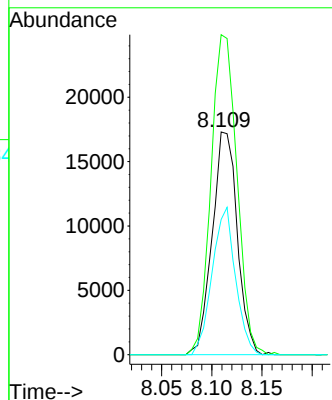
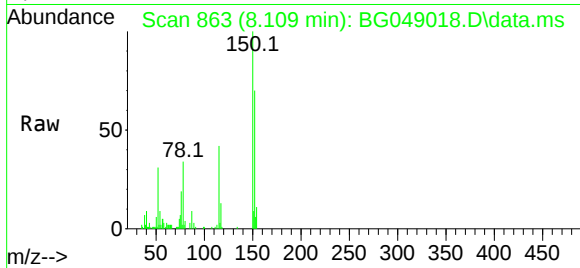




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.109 min Scan# 863
Delta R.T. -0.005 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

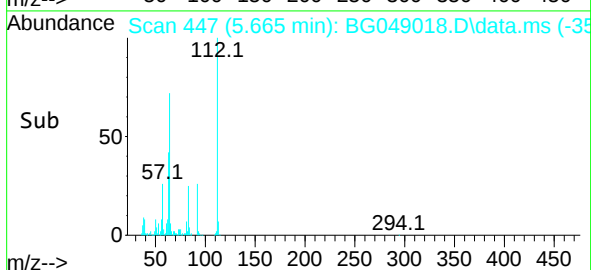
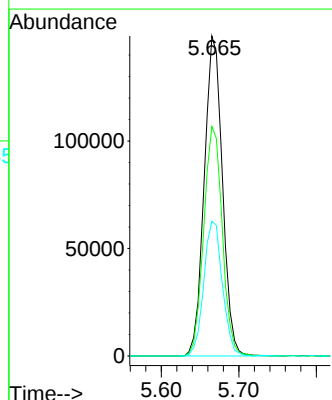
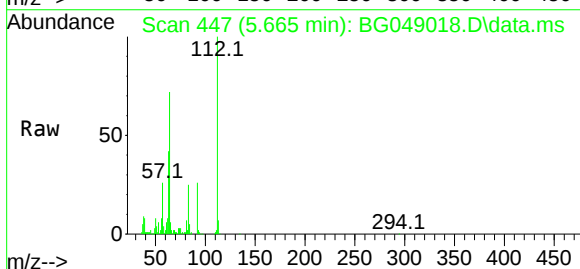
Instrument :
BNA_G
ClientSampleId :
17-B6(100-104)

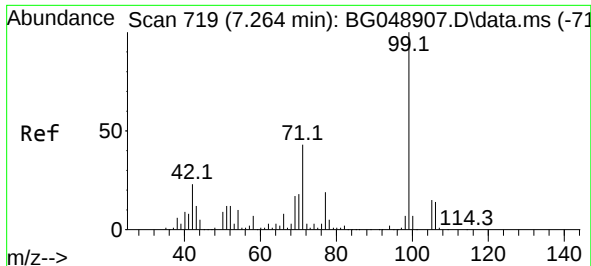
Tgt Ion:152 Resp: 30035
Ion Ratio Lower Upper
152 100
150 143.7 119.4 179.0
115 60.7 60.2 90.4



#5
2-Fluorophenol
Concen: 125.734 ng
RT: 5.665 min Scan# 447
Delta R.T. 0.002 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

Tgt Ion:112 Resp: 242595
Ion Ratio Lower Upper
112 100
64 71.7 46.7 70.1#
63 42.1 35.3 52.9

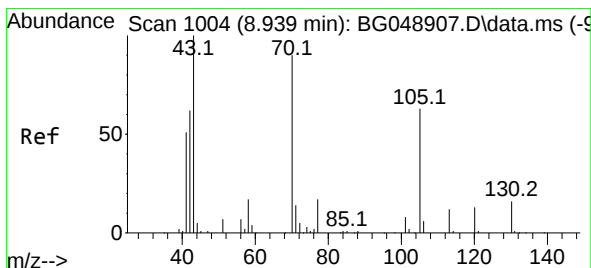
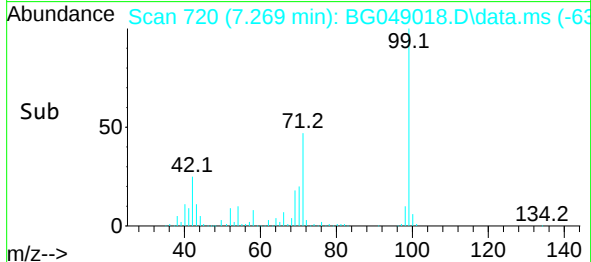
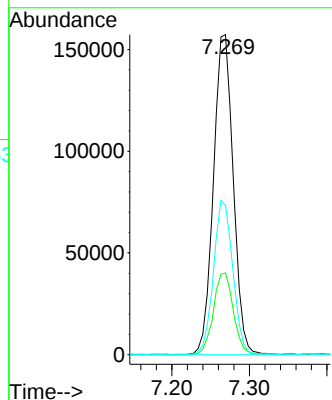
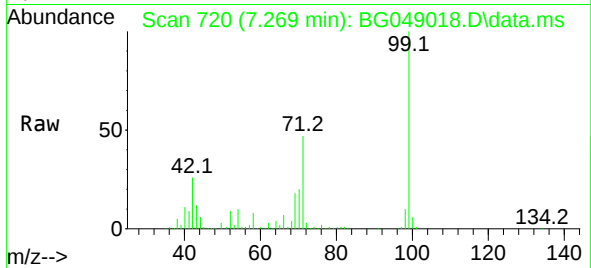




#7
Phenol-d6
Concen: 96.679 ng
RT: 7.269 min Scan# 720
Delta R.T. 0.002 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

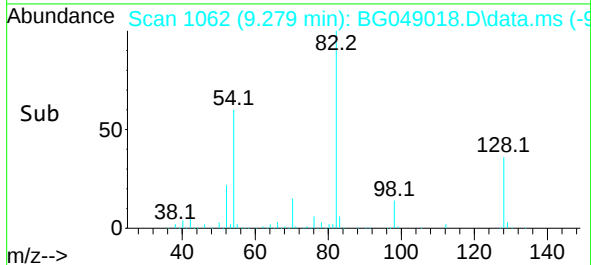
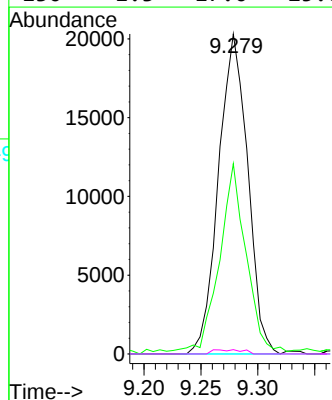
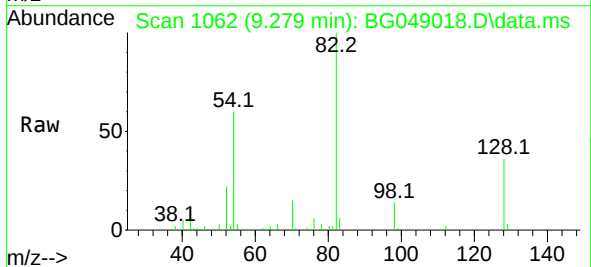
Instrument :
BNA_G
ClientSampleId :
17-B6(100-104)

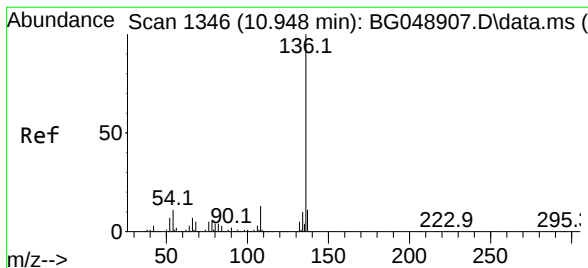
Tgt Ion: 99 Resp: 279581
Ion Ratio Lower Upper
99 100
42 25.6 20.5 30.7
71 46.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.984 ng
RT: 9.279 min Scan# 1062
Delta R.T. 0.354 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

Tgt Ion: 70 Resp: 36130
Ion Ratio Lower Upper
70 100
42 59.4 54.5 81.7
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#



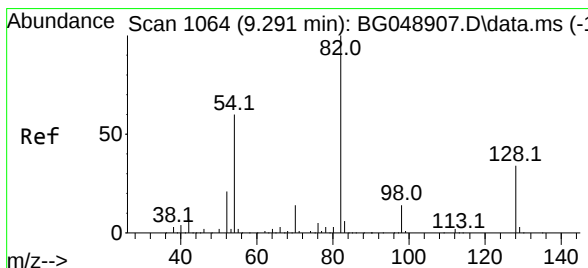
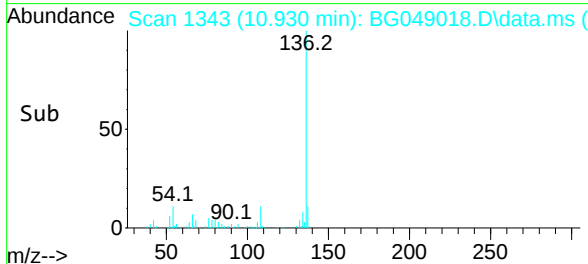
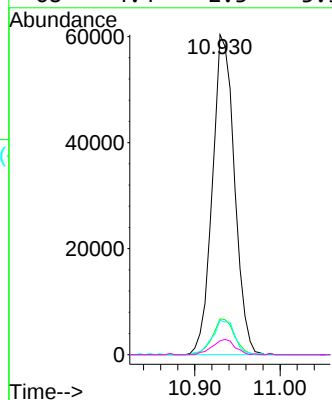
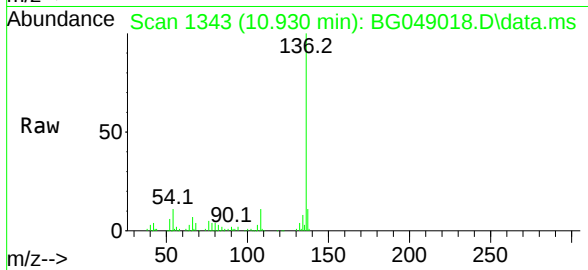


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.930 min Scan# 1343
Delta R.T. -0.010 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

Instrument :
BNA_G
ClientSampleId :
17-B6(100-104)

Tgt Ion:136 Resp: 108379

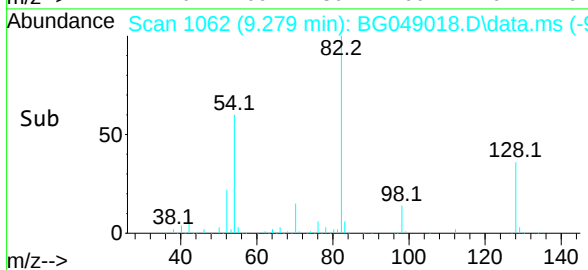
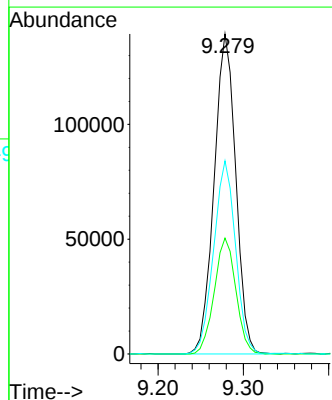
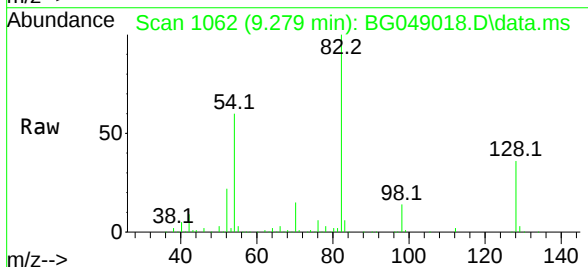
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	10.7	5.5	8.3#
68	4.4	2.3	3.5#

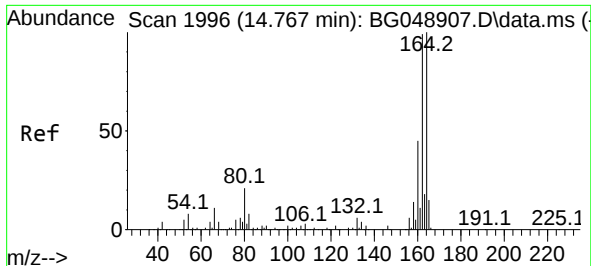


#23
Nitrobenzene-d5
Concen: 97.696 ng
RT: 9.279 min Scan# 1062
Delta R.T. -0.004 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

Tgt Ion: 82 Resp: 245553

Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.8	44.6
54	60.3	45.8	68.8

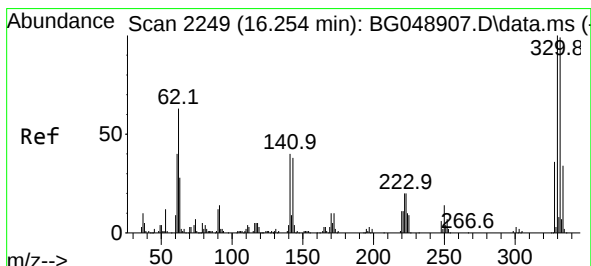
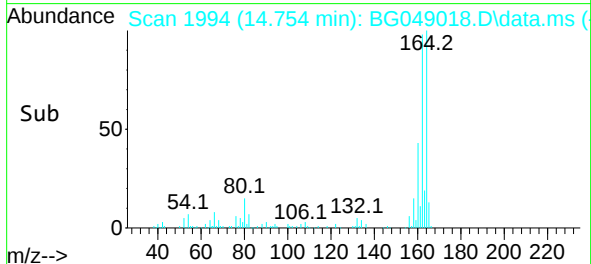
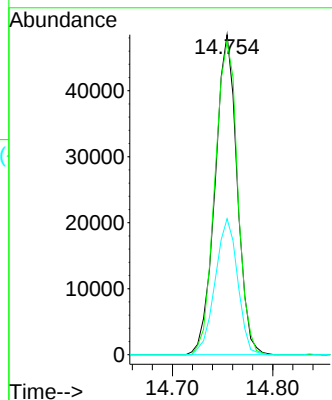
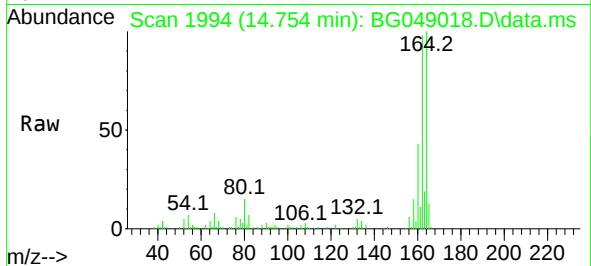




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.004 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

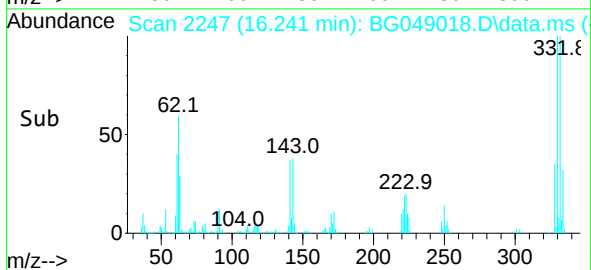
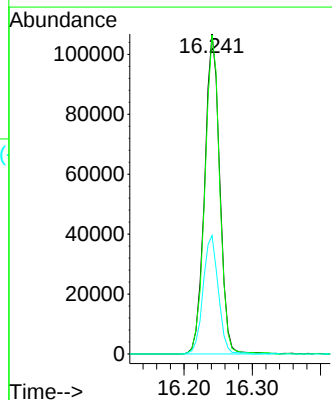
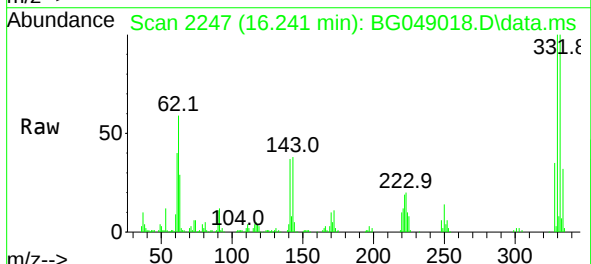
Instrument :
BNA_G
ClientSampleId :
17-B6(100-104)

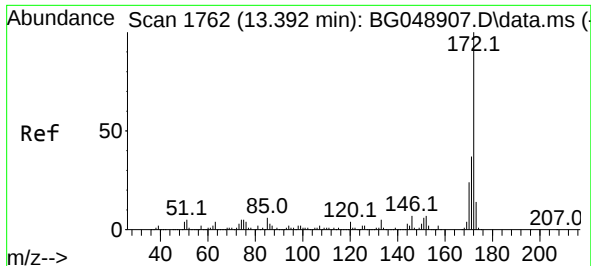
Tgt Ion:164 Resp: 74041
Ion Ratio Lower Upper
164 100
162 97.9 81.4 122.0
160 42.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 149.901 ng
RT: 16.241 min Scan# 2247
Delta R.T. -0.004 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

Tgt Ion:330 Resp: 164436
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 37.1 35.6 53.4

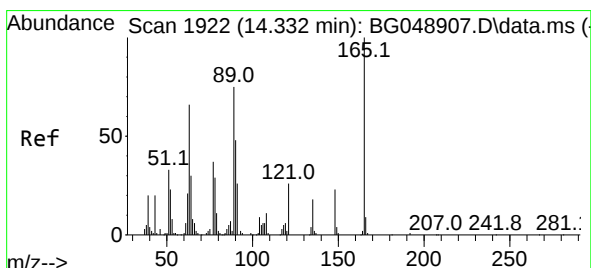
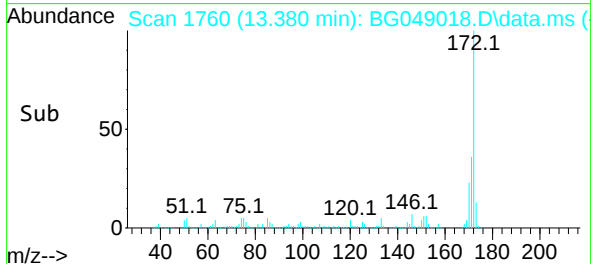
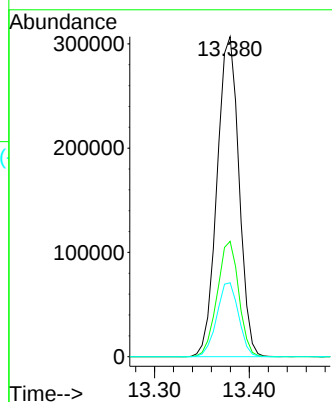
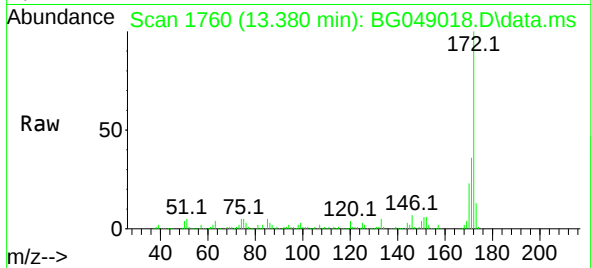




#45
2-Fluorobiphenyl
Concen: 94.055 ng
RT: 13.380 min Scan# 1760
Delta R.T. -0.004 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

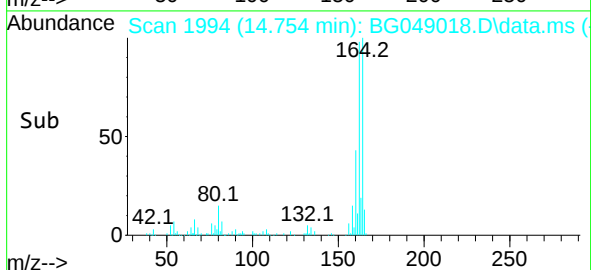
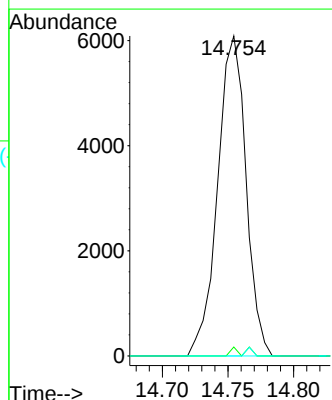
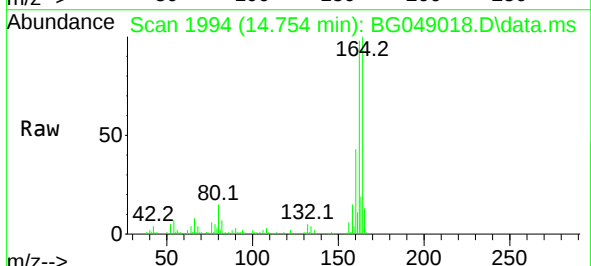
Instrument :
BNA_G
ClientSampleId :
17-B6(100-104)

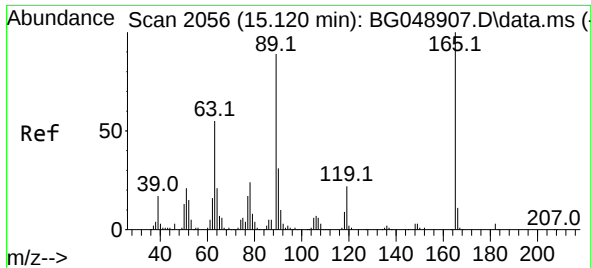
Tgt Ion:172 Resp: 492966
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.786 ng
RT: 14.754 min Scan# 1994
Delta R.T. 0.431 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

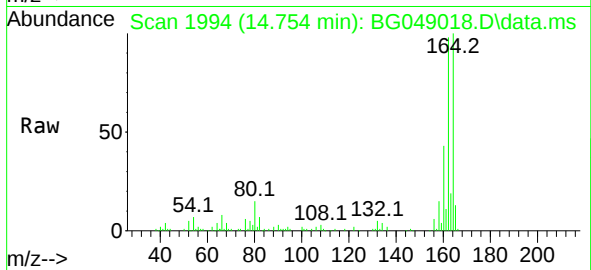
Tgt Ion:165 Resp: 9145
Ion Ratio Lower Upper
165 100
63 2.8 63.3 94.9#
89 0.0 63.4 95.0#



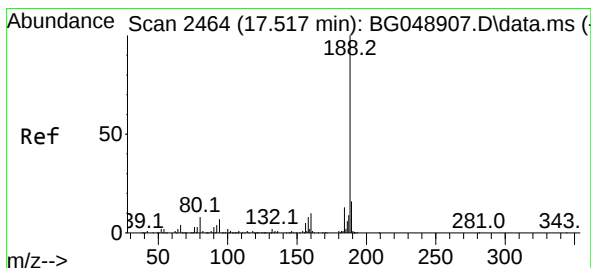
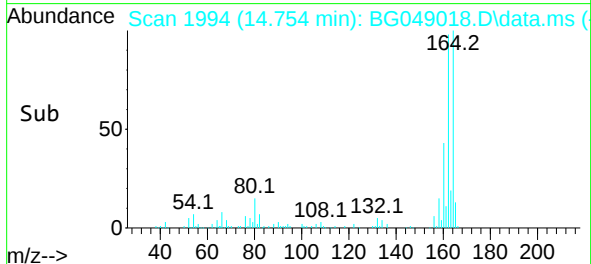
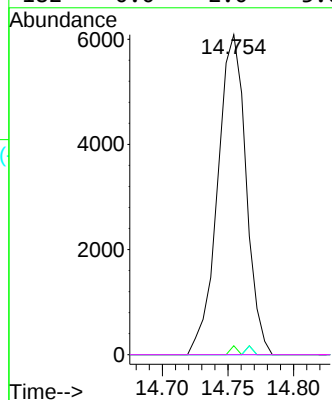


#57
2,4-Dinitrotoluene
Concen: 6.339 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.357 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

Instrument :
BNA_G
ClientSampleId :
17-B6(100-104)

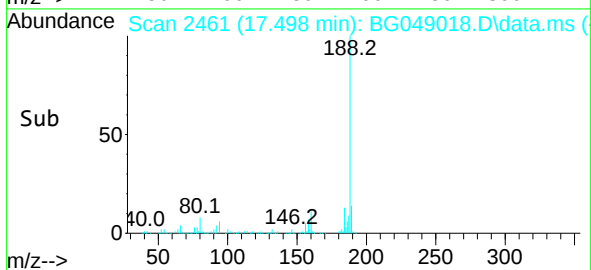
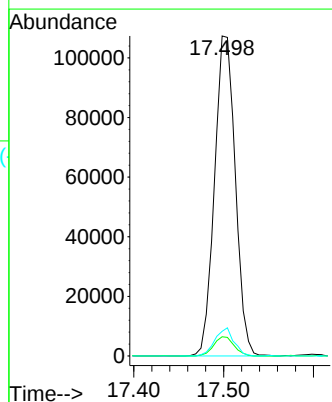
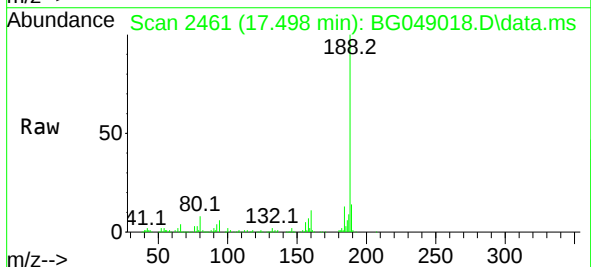


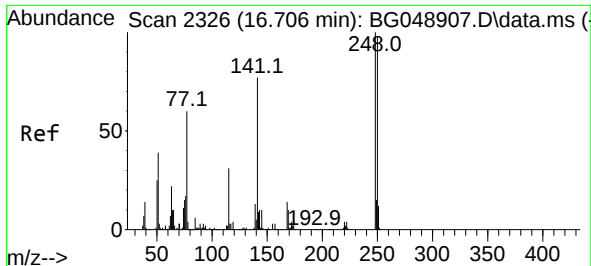
Tgt Ion:165 Resp: 9145
Ion Ratio Lower Upper
165 100
63 2.8 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2461
Delta R.T. -0.010 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

Tgt Ion:188 Resp: 172787
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 7.7 3.7 5.5#

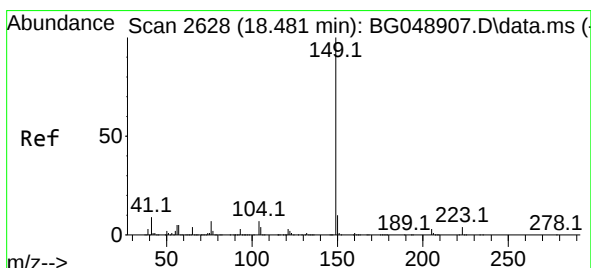
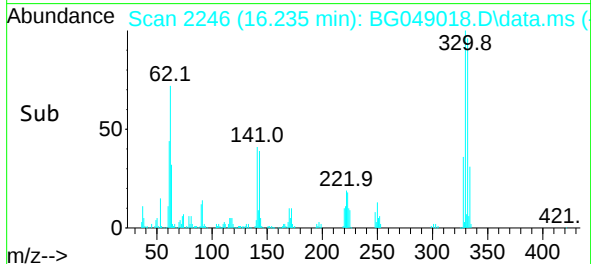
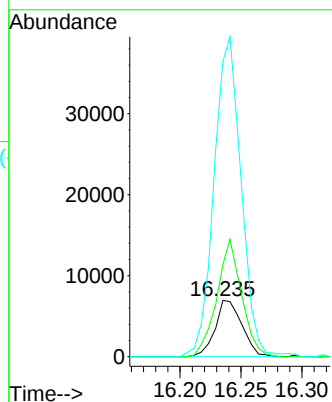
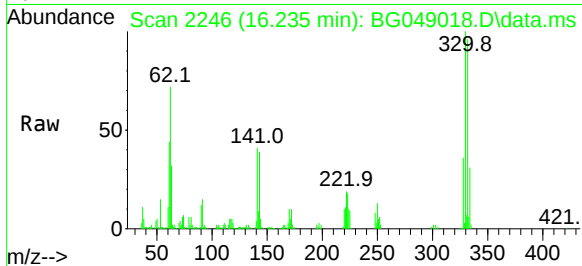




#67
4-Bromophenyl-phenylether
Concen: 4.926 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.457 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

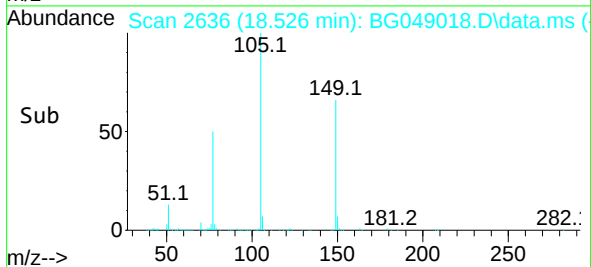
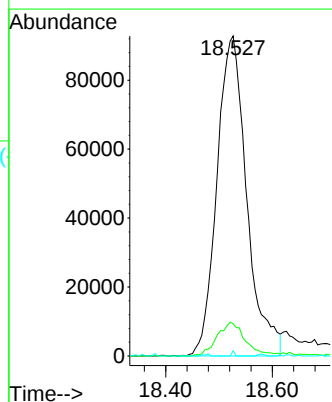
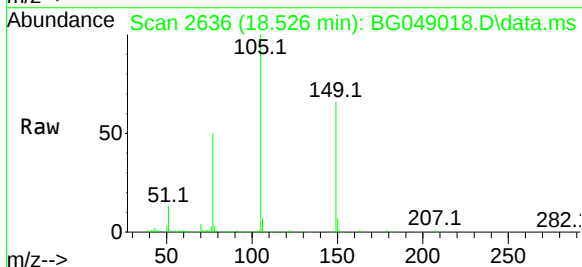
Instrument :
BNA_G
ClientSampleId :
17-B6(100-104)

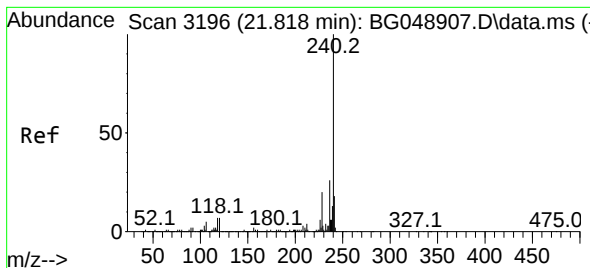
Tgt Ion:248 Resp: 10627
Ion Ratio Lower Upper
248 100
250 163.5 76.1 114.1#
141 524.9 65.4 98.2#



#74
Di-n-butylphthalate
Concen: 34.333 ng
RT: 18.526 min Scan# 2636
Delta R.T. 0.060 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

Tgt Ion:149 Resp: 360612
Ion Ratio Lower Upper
149 100
150 10.1 7.5 11.3
104 1.6 6.6 10.0#

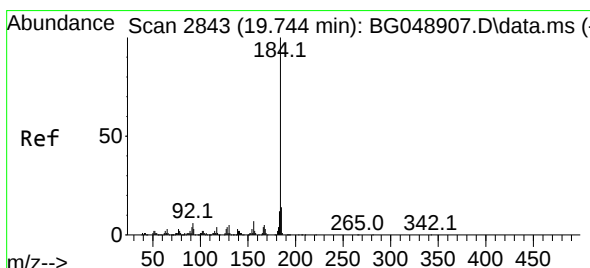
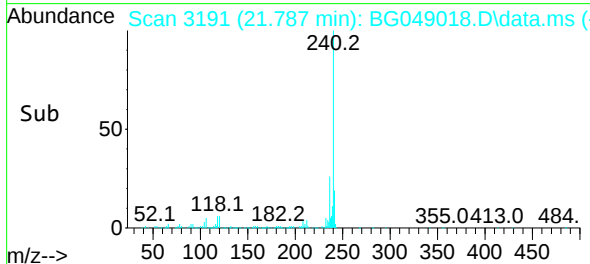
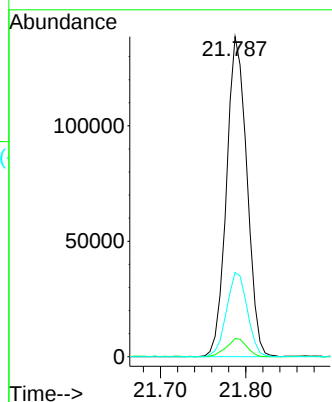
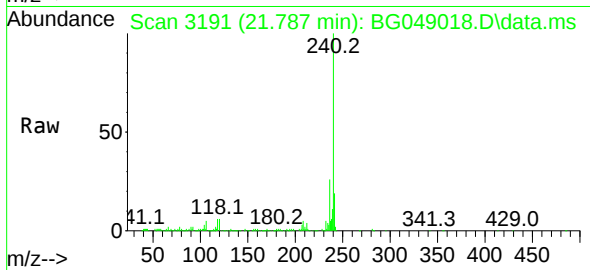




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.787 min Scan# 3191
Delta R.T. -0.010 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

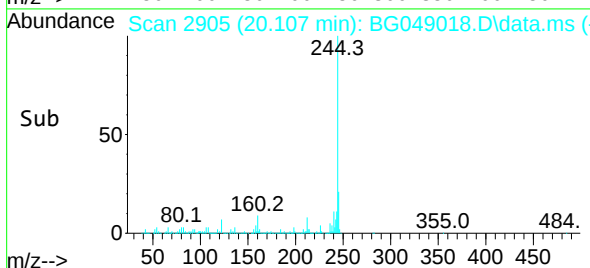
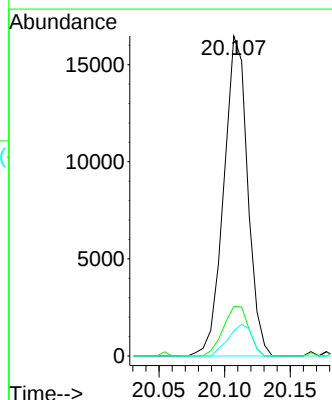
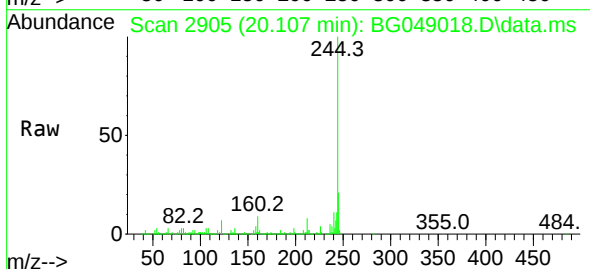
Instrument :
BNA_G
ClientSampleId :
17-B6(100-104)

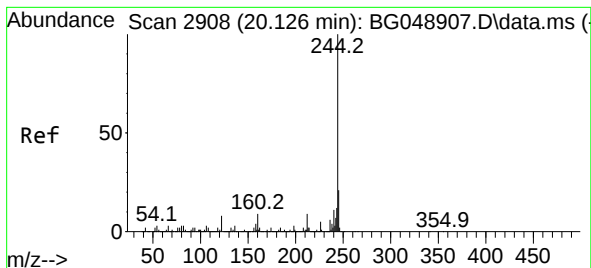
Tgt Ion:240 Resp: 230340
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.2
236 26.3 21.8 32.6



#77
Benzidine
Concen: 4.472 ng
RT: 20.107 min Scan# 2905
Delta R.T. 0.378 min
Lab File: BG049018.D
Acq: 18 Jun 2021 13:45

Tgt Ion:184 Resp: 20752
Ion Ratio Lower Upper
184 100
185 15.5 10.7 16.1
183 7.8 9.4 14.0#





#79

Terphenyl-d14

Concen: 83.343 ng

RT: 20.107 min Scan# 2905

Delta R.T. -0.004 min

Lab File: BG049018.D

Acq: 18 Jun 2021 13:45

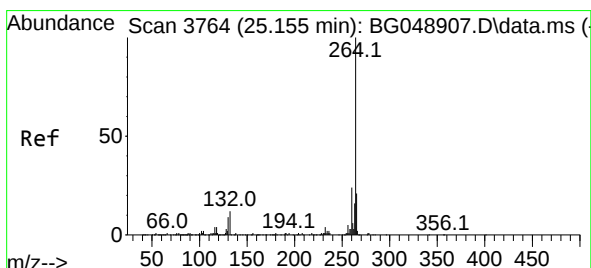
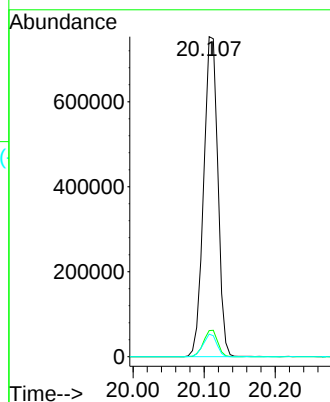
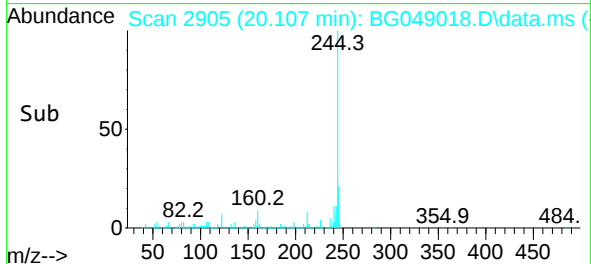
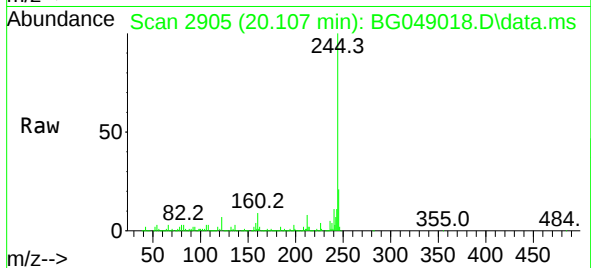
Tgt Ion:244 Resp: 1048219

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

122 7.0 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.113 min Scan# 3757

Delta R.T. -0.016 min

Lab File: BG049018.D

Acq: 18 Jun 2021 13:45

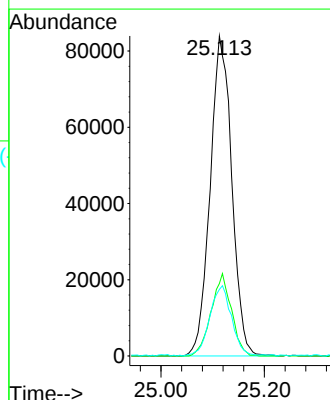
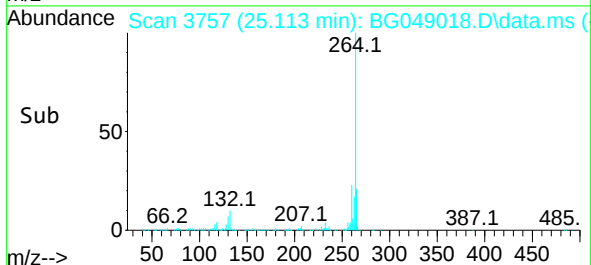
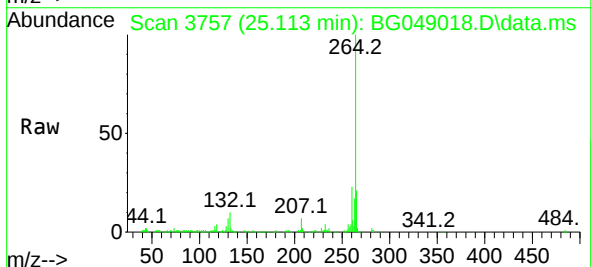
Tgt Ion:264 Resp: 243728

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.2

265 20.8 16.9 25.3



Instrument :

BNA_G

ClientSampleId :

17-B6(100-104)