

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070621\
 Data File : BG049185.D
 Acq On : 6 Jul 2021 14:47
 Operator : CG/JU
 Sample : M2926-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Jul 06 15:21:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

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

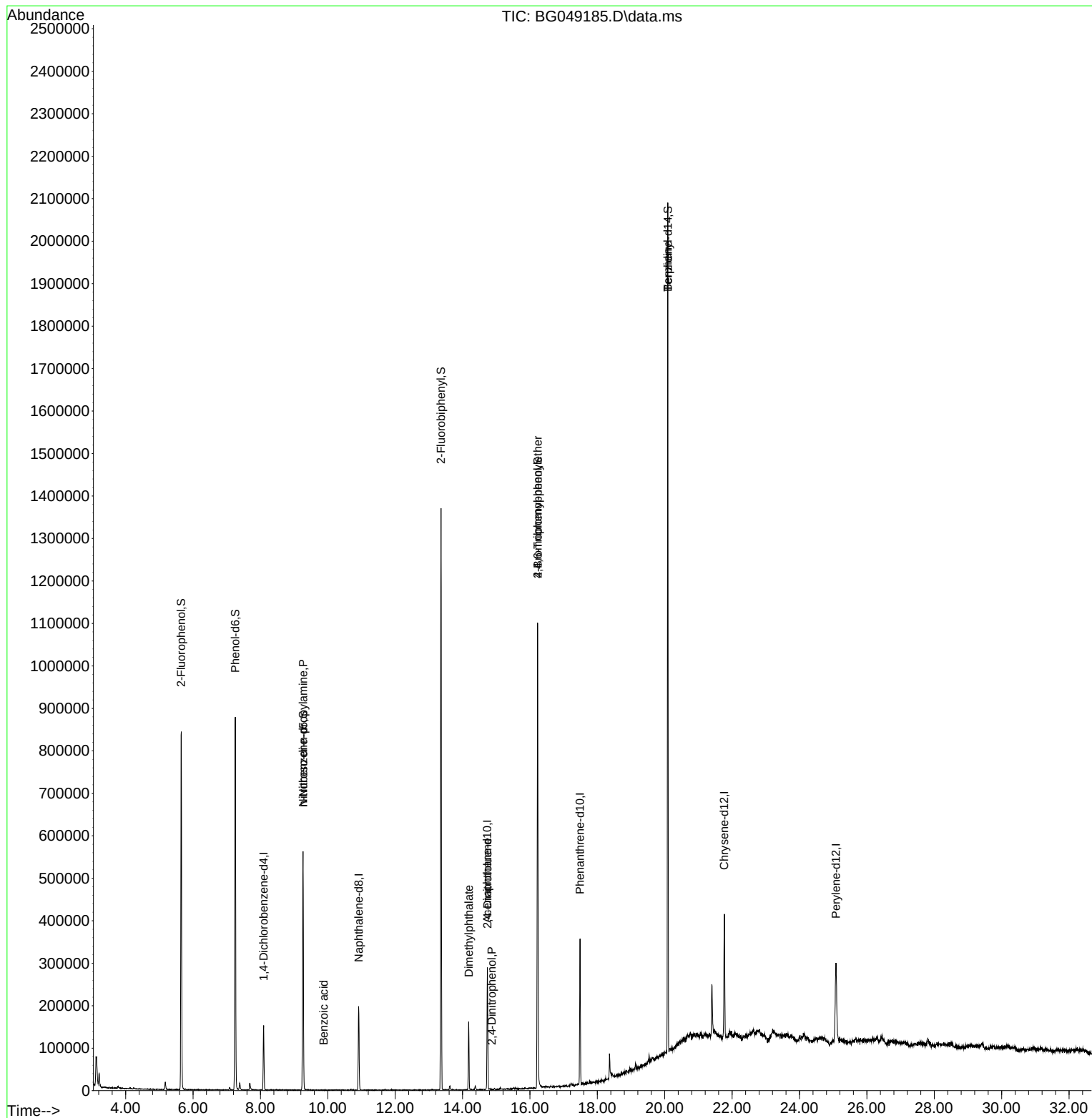
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	40101	20.000	ng	# 0.00
21) Naphthalene-d8	10.916	136	161022	20.000	ng	# 0.01
39) Acenaphthene-d10	14.735	164	105321	20.000	ng	0.00
64) Phenanthrene-d10	17.485	188	206196	20.000	ng	# 0.00
76) Chrysene-d12	21.768	240	192289	20.000	ng	0.00
86) Perylene-d12	25.082	264	208734	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	345649	135.005	ng	0.02
7) Phenol-d6	7.256	99	458895	125.717	ng	0.02
23) Nitrobenzene-d5	9.265	82	327096	86.125	ng	0.01
42) 2,4,6-Tribromophenol	16.228	330	226171	123.876	ng	0.01
45) 2-Fluorobiphenyl	13.360	172	708744	90.789	ng	0.01
79) Terphenyl-d14	20.094	244	906744	79.905	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.265	70	49908	19.025	ng	# 68
32) Benzoic acid	9.876	122	54	6.300	ng	# 1
50) Dimethylphthalate	14.183	163	99703	11.796	ng	98
54) 2,4-Dinitrophenol	14.864	184	61	5.207	ng	# 18
57) 2,4-Dinitrotoluene	14.741	165	13880	5.043	ng	# 17
67) 4-Bromophenyl-phenylether	16.228	248	13876	4.988	ng	# 1
77) Benzidine	20.094	184	18069	4.375	ng	97

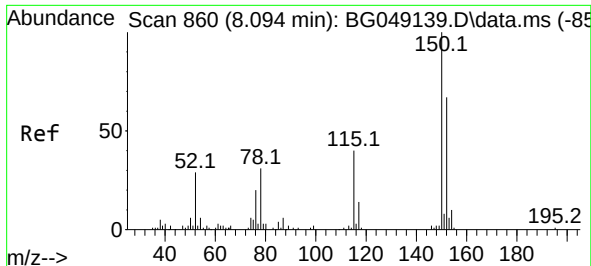
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 06 15:21:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration

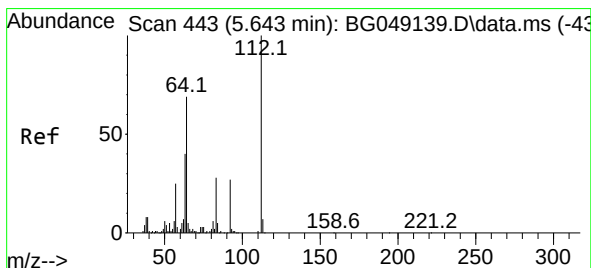
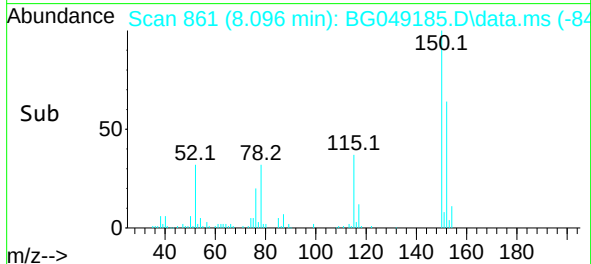
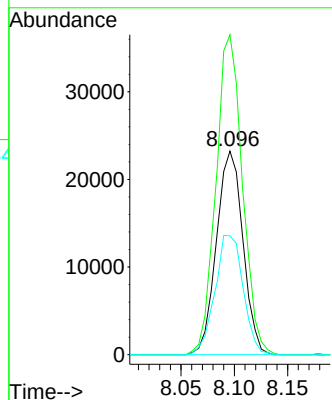
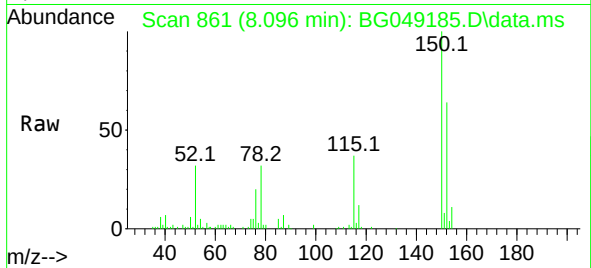




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.096 min Scan# 861
Delta R.T. 0.005 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

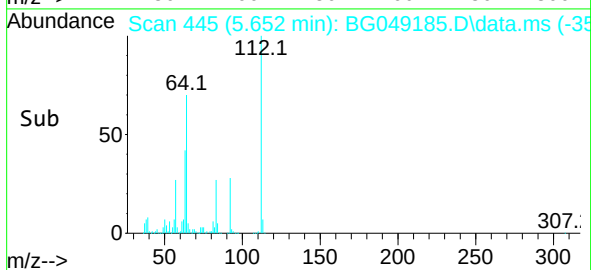
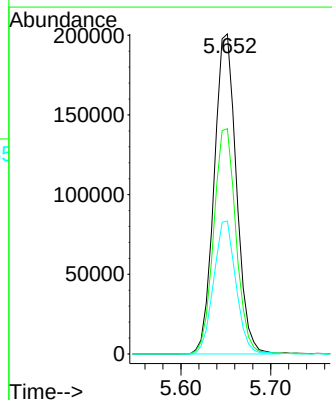
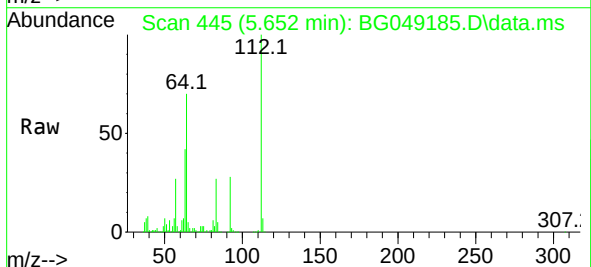
Instrument :
BNA_G
ClientSampleId :
TP-1

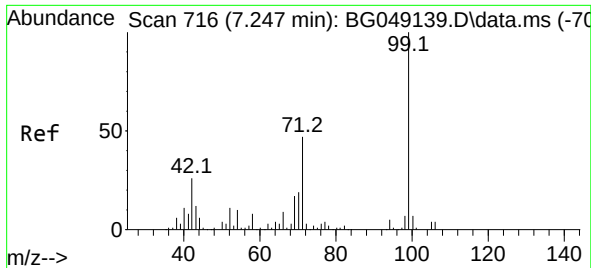
Tgt Ion:152 Resp: 40101
Ion Ratio Lower Upper
152 100
150 157.2 119.4 179.0
115 58.4 60.2 90.4#



#5
2-Fluorophenol
Concen: 135.005 ng
RT: 5.652 min Scan# 445
Delta R.T. 0.017 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

Tgt Ion:112 Resp: 345649
Ion Ratio Lower Upper
112 100
64 70.4 46.7 70.1#
63 41.5 35.3 52.9

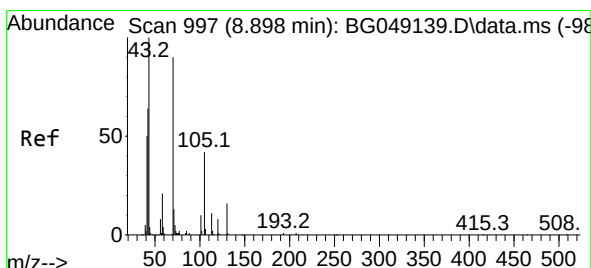
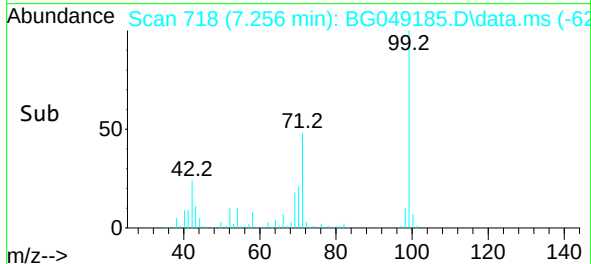
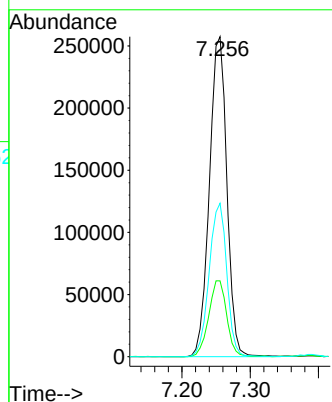
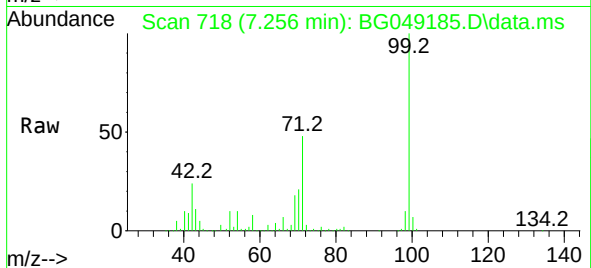




#7
Phenol-d6
Concen: 125.717 ng
RT: 7.256 min Scan# 718
Delta R.T. 0.017 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

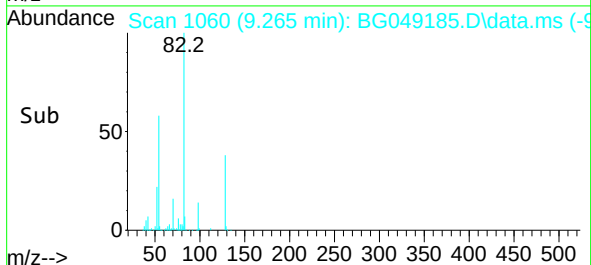
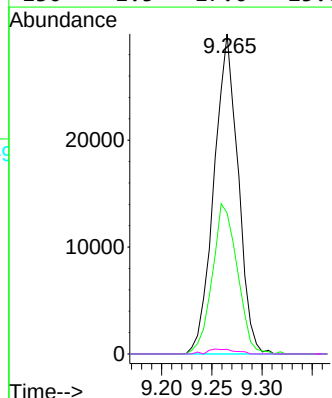
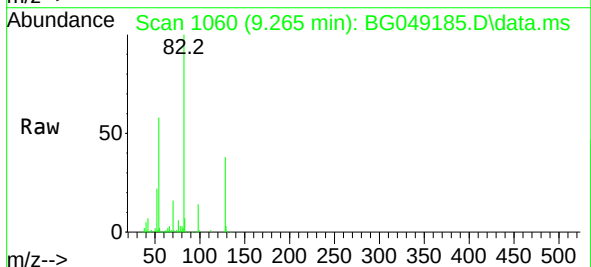
Instrument :
BNA_G
ClientSampleId :
TP-1

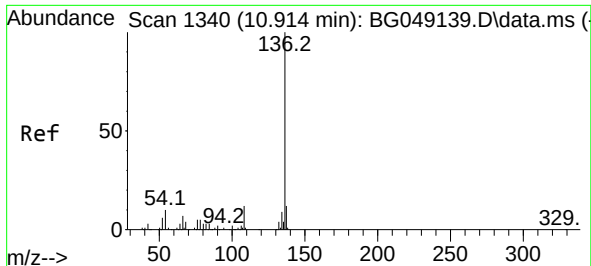
Tgt Ion: 99 Resp: 458895
Ion Ratio Lower Upper
99 100
42 23.7 20.5 30.7
71 48.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.025 ng
RT: 9.265 min Scan# 1060
Delta R.T. 0.370 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

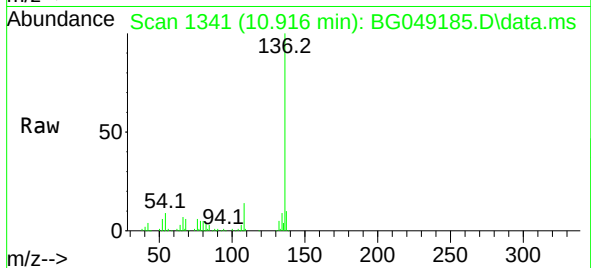
Tgt Ion: 70 Resp: 49908
Ion Ratio Lower Upper
70 100
42 44.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#



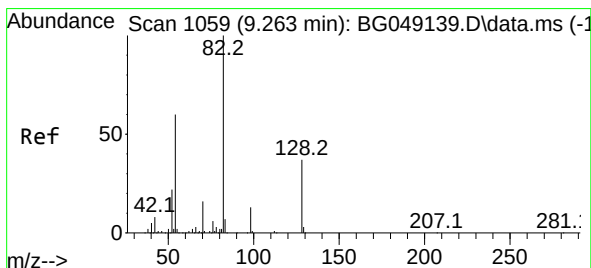
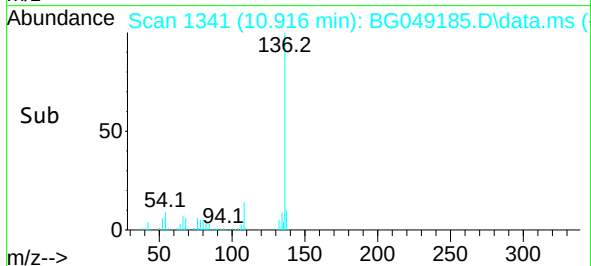
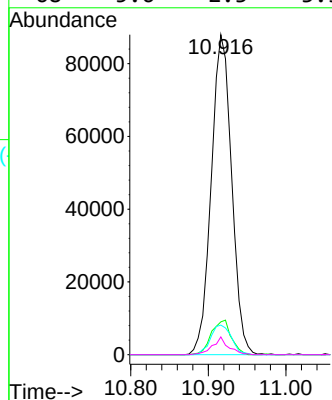


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

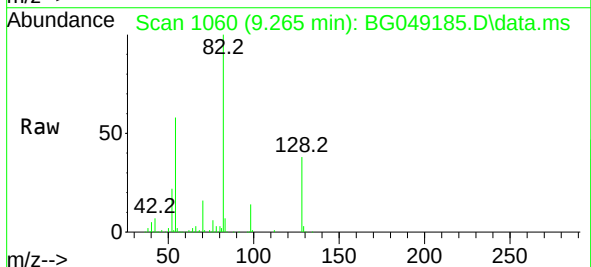
Instrument :
BNA_G
ClientSampled :
TP-1



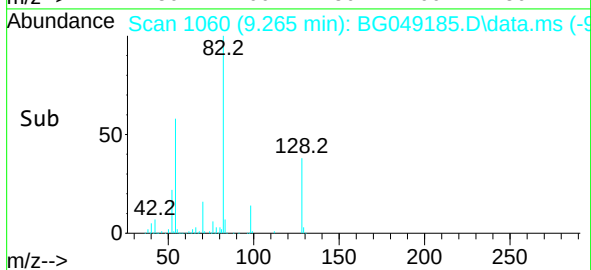
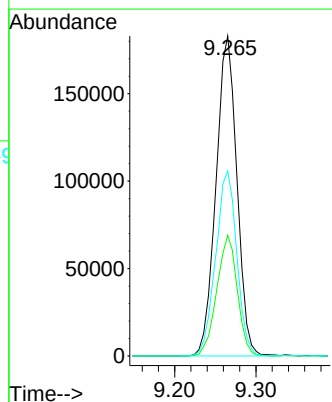
Tgt Ion:136 Resp: 161022
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 9.3 5.5 8.3#
68 5.6 2.3 3.5#

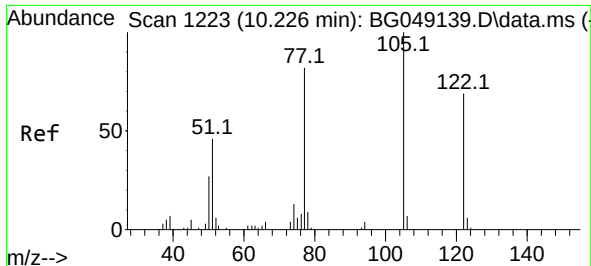


#23
Nitrobenzene-d5
Concen: 86.125 ng
RT: 9.265 min Scan# 1060
Delta R.T. 0.011 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47



Tgt Ion: 82 Resp: 327096
Ion Ratio Lower Upper
82 100
128 37.8 29.8 44.6
54 57.8 45.8 68.8

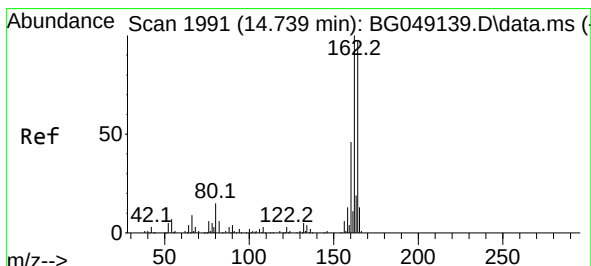
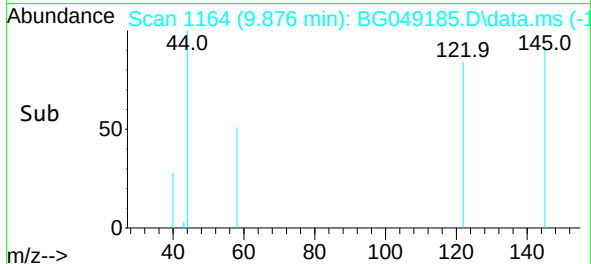
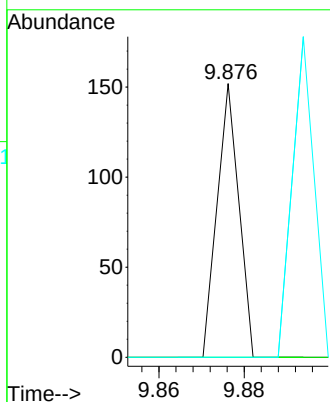
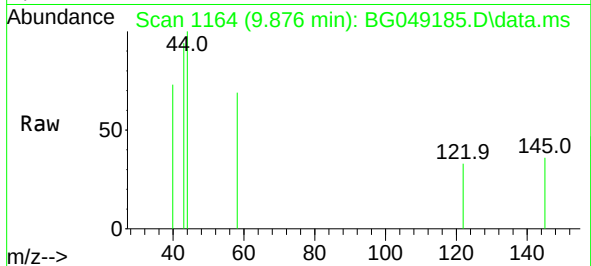




#32
Benzoic acid
Concen: 6.300 ng
RT: 9.876 min Scan# 1164
Delta R.T. -0.347 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

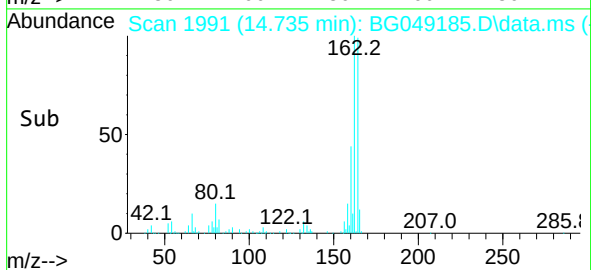
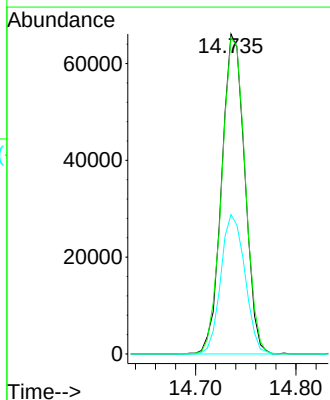
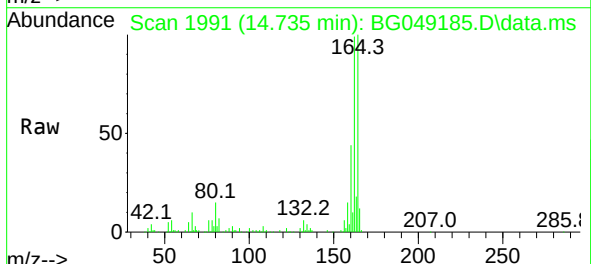
Instrument :
BNA_G
ClientSampleId :
TP-1

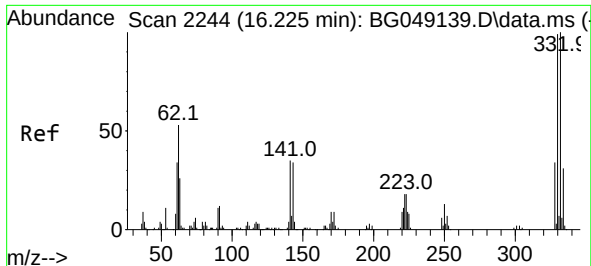
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.735 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

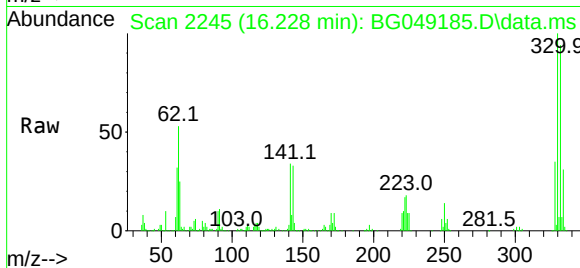
Tgt Ion:164 Resp: 105321
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.0
160 43.6 34.9 52.3



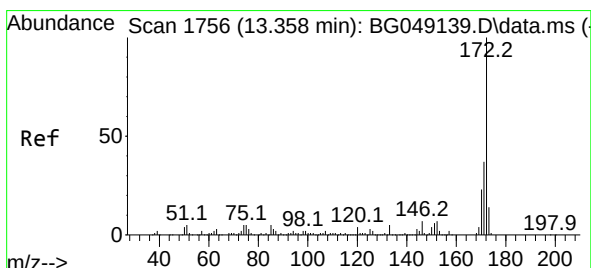
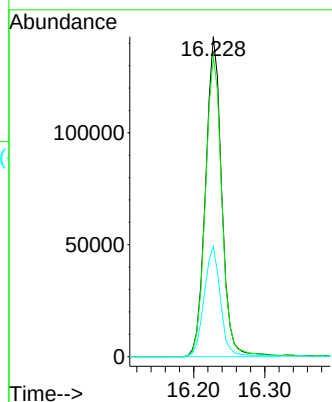
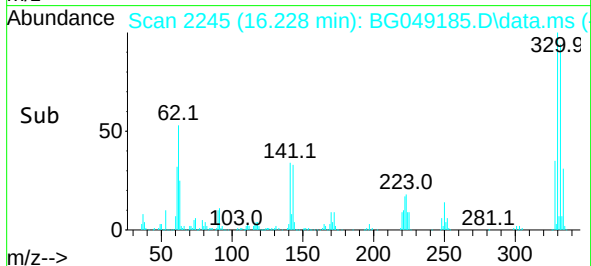


#42
2,4,6-Tribromophenol
Concen: 123.876 ng
RT: 16.228 min Scan# 2245
Delta R.T. 0.011 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

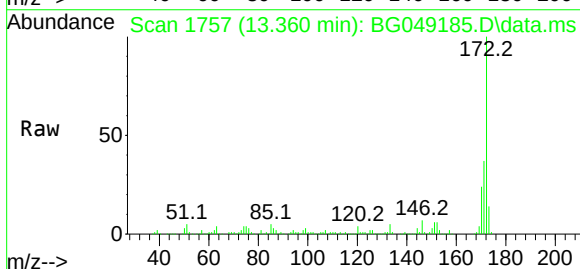
Instrument :
BNA_G
ClientSampleId :
TP-1



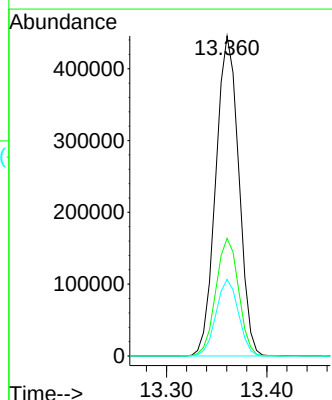
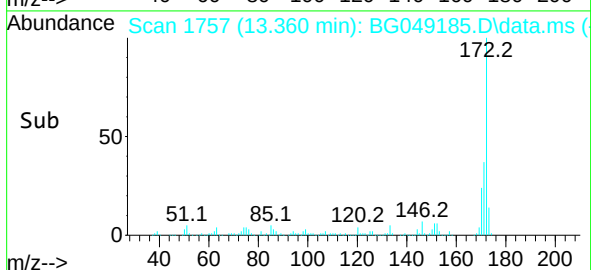
Tgt Ion:330 Resp: 226171
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 35.1 35.6 53.4#

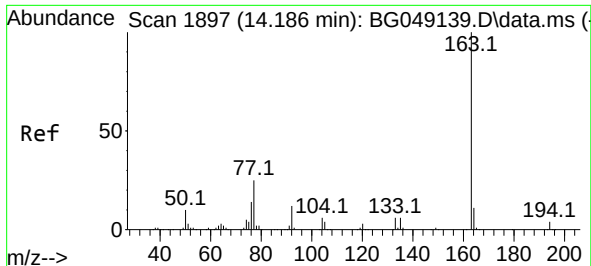


#45
2-Fluorobiphenyl
Concen: 90.789 ng
RT: 13.360 min Scan# 1757
Delta R.T. 0.011 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47



Tgt Ion:172 Resp: 708744
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.0 18.6 27.8

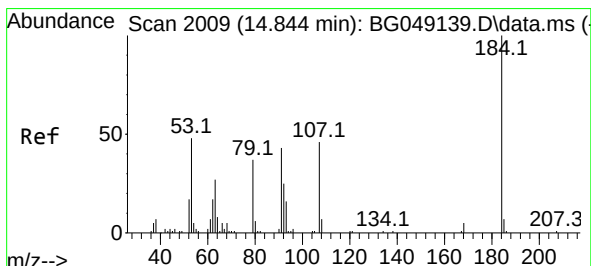
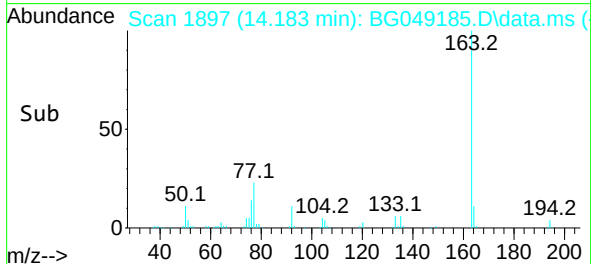
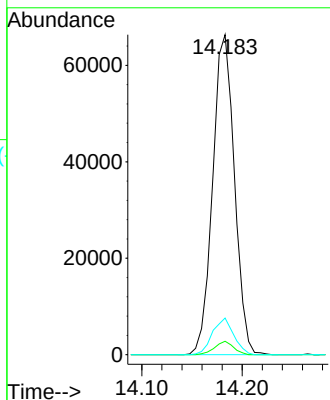
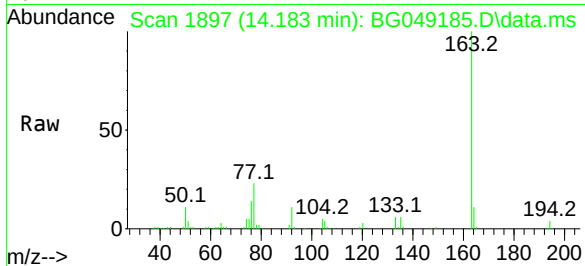




#50
Dimethylphthalate
Concen: 11.796 ng
RT: 14.183 min Scan# 1897
Delta R.T. 0.005 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

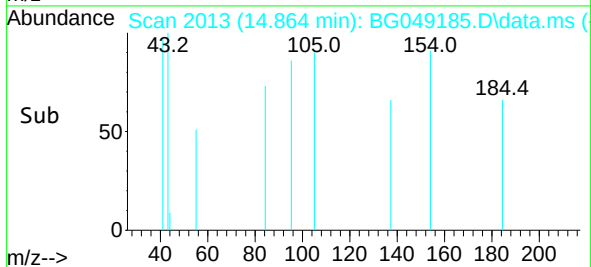
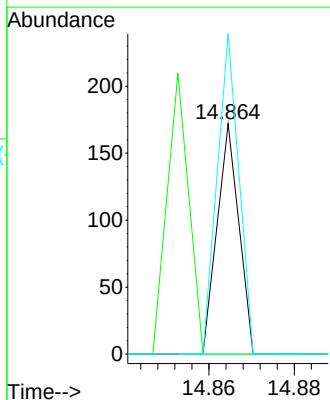
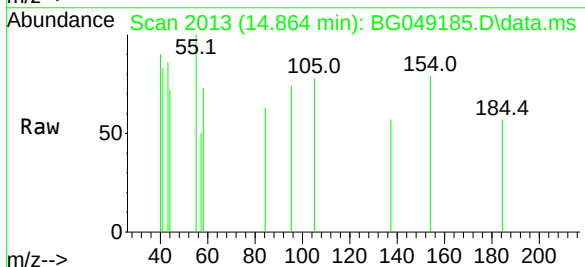
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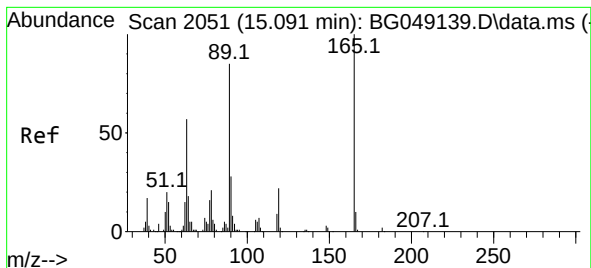
Tgt Ion:163 Resp: 99703
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 11.5 8.6 12.8



#54
2,4-Dinitrophenol
Concen: 5.207 ng
RT: 14.864 min Scan# 2013
Delta R.T. 0.029 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 139.0 62.6 93.8#

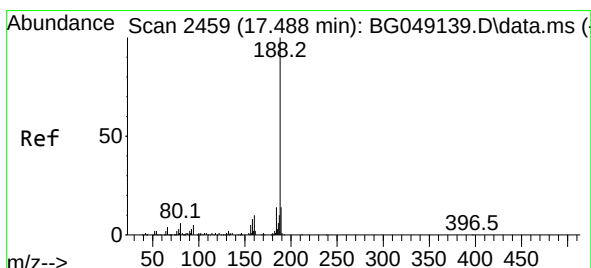
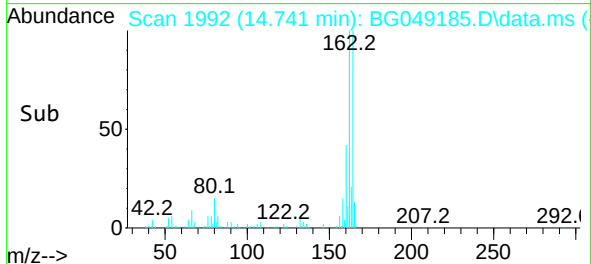
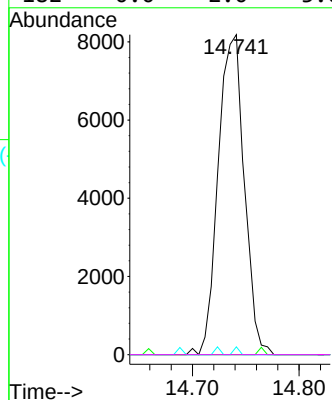
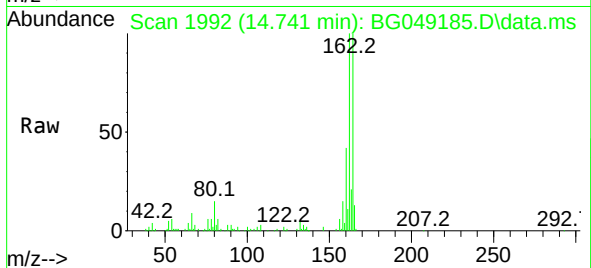




#57
2,4-Dinitrotoluene
Concen: 5.043 ng
RT: 14.741 min Scan# 1992
Delta R.T. -0.341 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

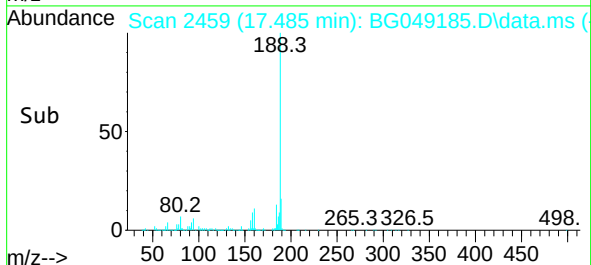
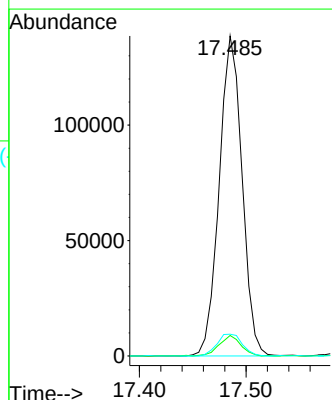
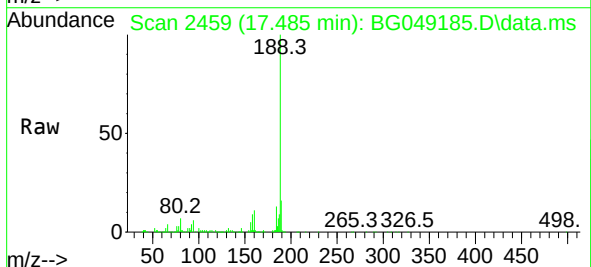
Instrument :
BNA_G
ClientSampleId :
TP-1

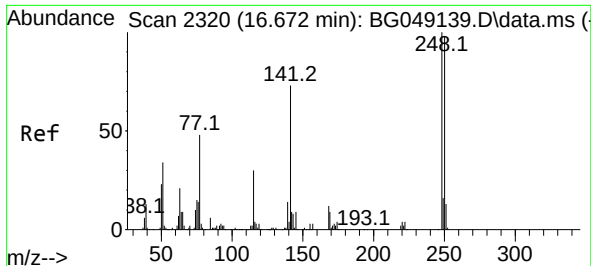
Tgt Ion:165 Resp: 13880
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.5 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.485 min Scan# 2459
Delta R.T. 0.005 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

Tgt Ion:188 Resp: 206196
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 6.8 3.7 5.5#

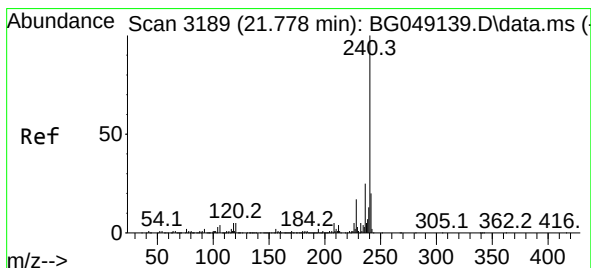
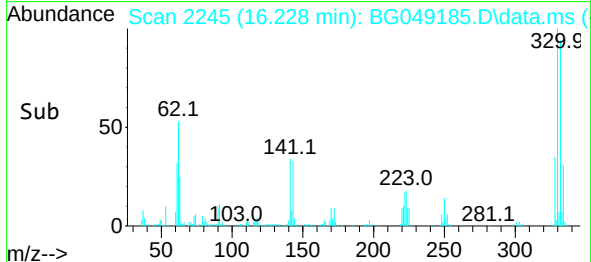
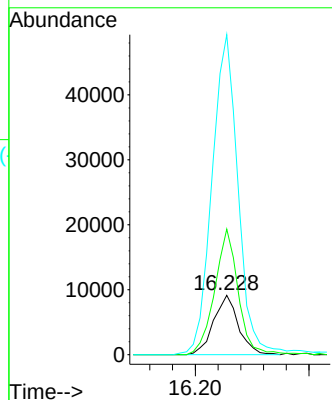
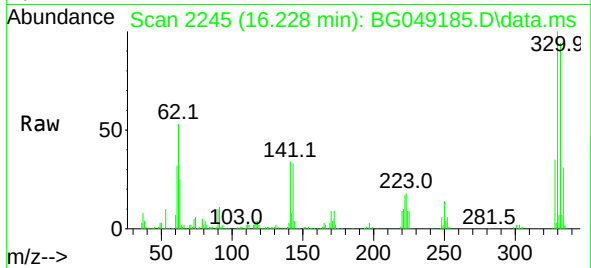




#67
4-Bromophenyl-phenylether
Concen: 4.988 ng
RT: 16.228 min Scan# 2245
Delta R.T. -0.435 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

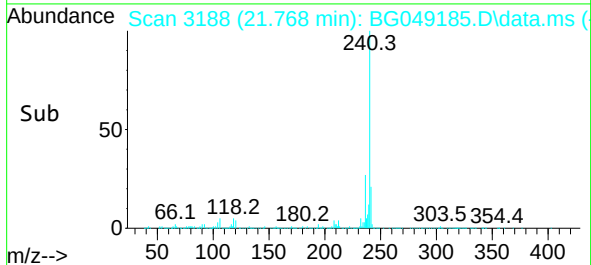
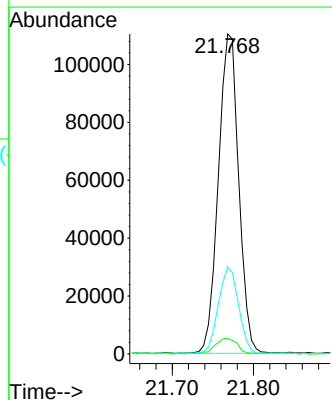
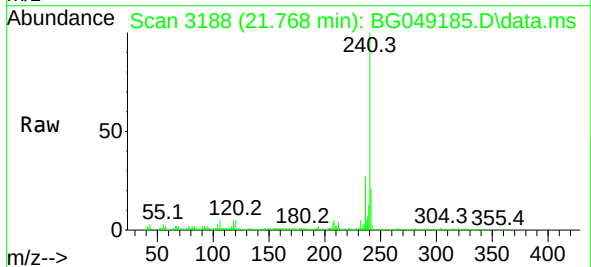
Instrument :
BNA_G
ClientSampleId :
TP-1

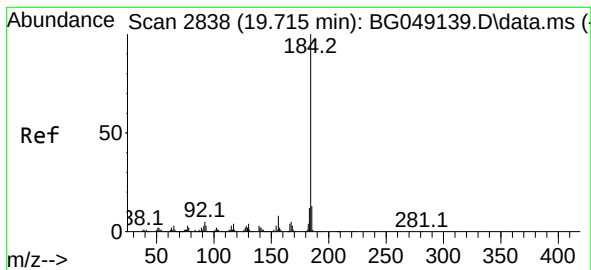
Tgt Ion:248 Resp: 13876
Ion Ratio Lower Upper
248 100
250 211.6 76.1 114.1#
141 539.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.768 min Scan# 3188
Delta R.T. 0.005 min
Lab File: BG049185.D
Acq: 6 Jul 2021 14:47

Tgt Ion:240 Resp: 192289
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 27.1 21.8 32.6





#77

Benzidine

Concen: 4.375 ng

RT: 20.094 min Scan# 2903

Delta R.T. 0.387 min

Lab File: BG049185.D

Acq: 6 Jul 2021 14:47

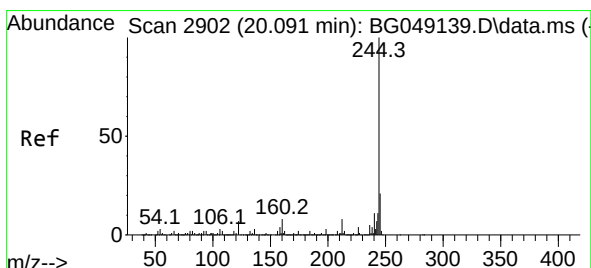
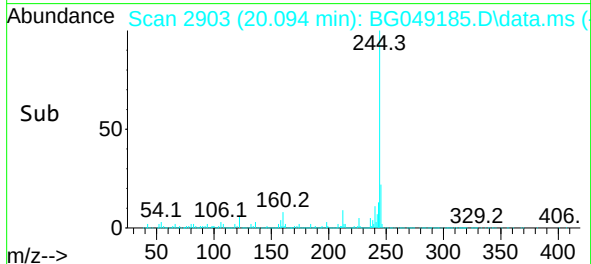
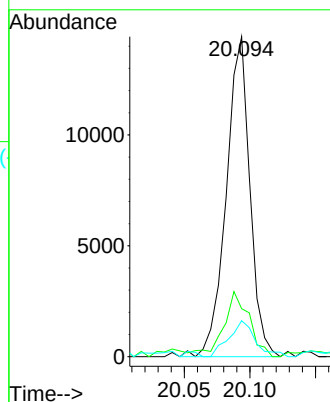
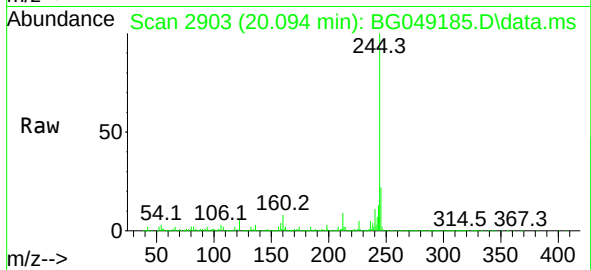
Tgt Ion:184 Resp: 18069

Ion Ratio Lower Upper

184 100

185 15.0 10.7 16.1

183 11.3 9.4 14.0



#79

Terphenyl-d14

Concen: 79.905 ng

RT: 20.094 min Scan# 2903

Delta R.T. 0.011 min

Lab File: BG049185.D

Acq: 6 Jul 2021 14:47

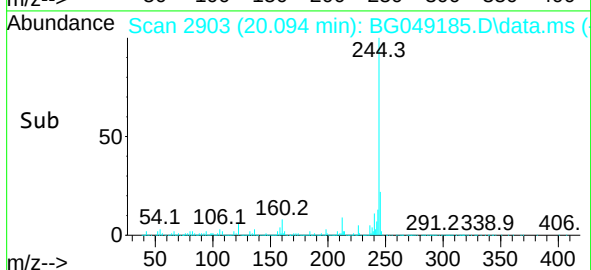
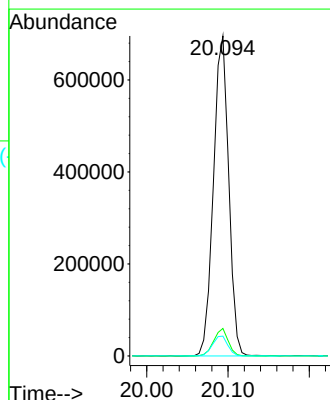
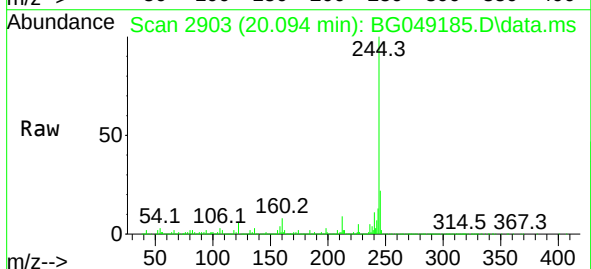
Tgt Ion:244 Resp: 906744

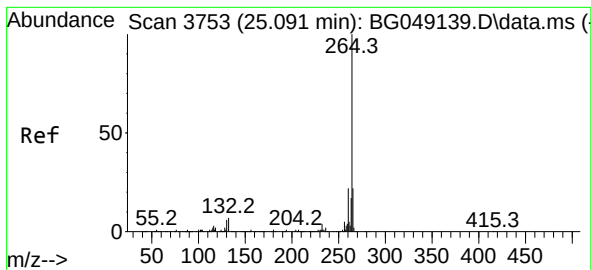
Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

122 6.2 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.082 min Scan# 3752
 Delta R.T. 0.017 min
 Lab File: BG049185.D
 Acq: 6 Jul 2021 14:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:264 Resp: 208734

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.4	29.2
265	22.5	16.9	25.3

