

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
 Data File : BG049059.D
 Acq On : 23 Jun 2021 13:17
 Operator : CG/JU
 Sample : PB137257BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137257BL

Quant Time: Jun 23 14:10:11 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)

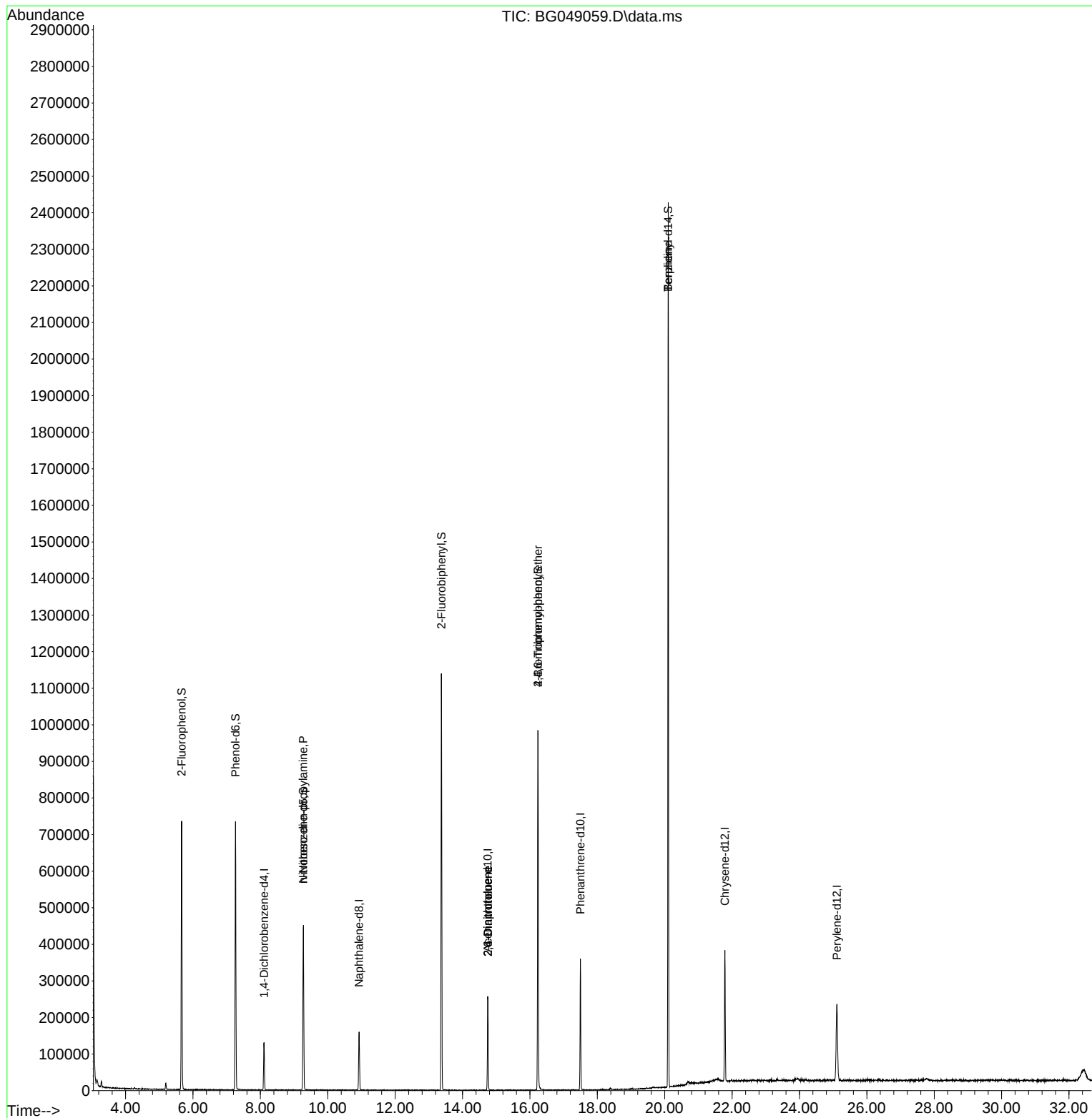
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	34194	20.000	ng	0.00
21) Naphthalene-d8	10.929	136	131571	20.000	ng	#-0.01
39) Acenaphthene-d10	14.748	164	95235	20.000	ng	-0.01
64) Phenanthrene-d10	17.497	188	220526	20.000	ng	#-0.01
76) Chrysene-d12	21.786	240	235183	20.000	ng	-0.01
86) Perylene-d12	25.112	264	243191	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	293487	133.610	ng	0.00
7) Phenol-d6	7.262	99	366205	111.231	ng	0.00
23) Nitrobenzene-d5	9.272	82	269109	88.195	ng	-0.01
42) 2,4,6-Tribromophenol	16.240	330	204244	144.755	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	591655	87.763	ng	-0.01
79) Terphenyl-d14	20.106	244	1123485	87.488	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.272	70	40071	15.571	ng	# 75
51) 2,6-Dinitrotoluene	14.753	165	12633	8.362	ng	# 10
57) 2,4-Dinitrotoluene	14.753	165	12633	6.808	ng	# 15
67) 4-Bromophenyl-phenylether	16.240	248	12316	4.473	ng	# 1
77) Benzidine	20.106	184	22107	4.666	ng	# 92

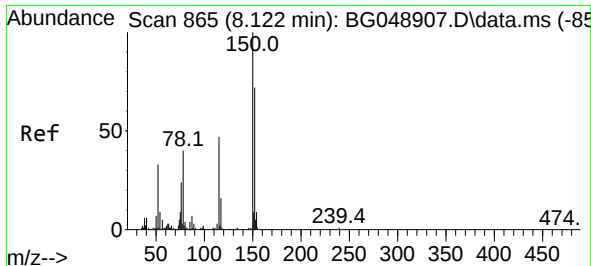
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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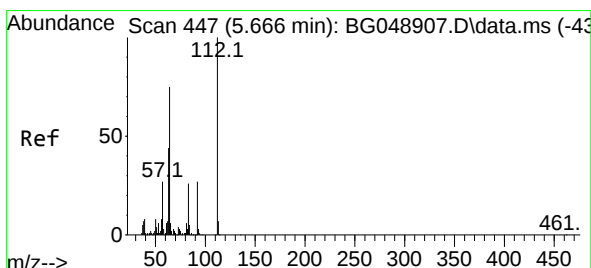
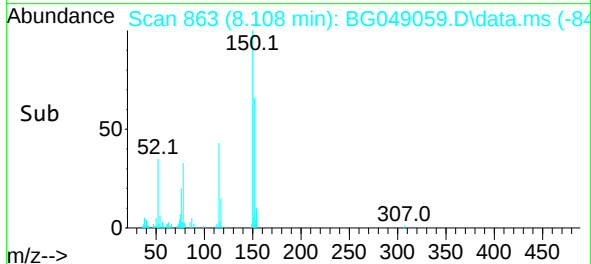
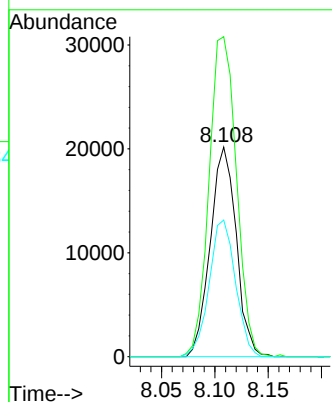
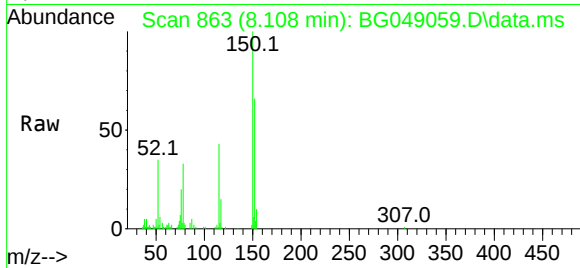




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 863
Delta R.T. -0.006 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

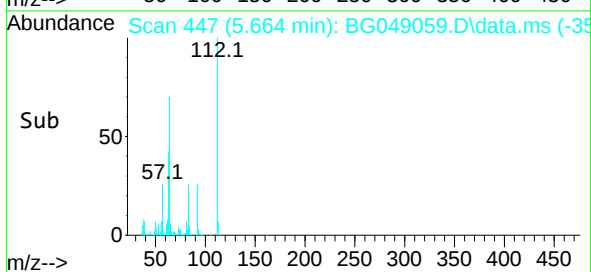
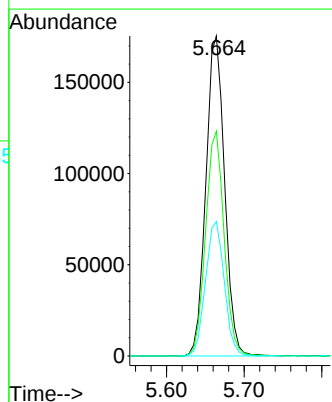
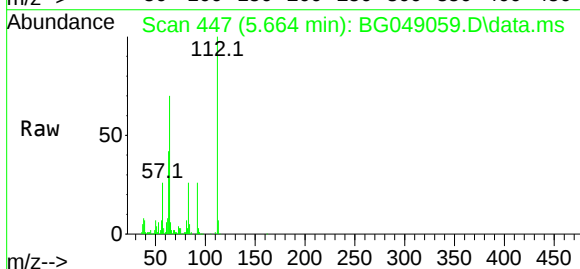
Instrument :
BNA_G
ClientSampleId :
PB137257BL

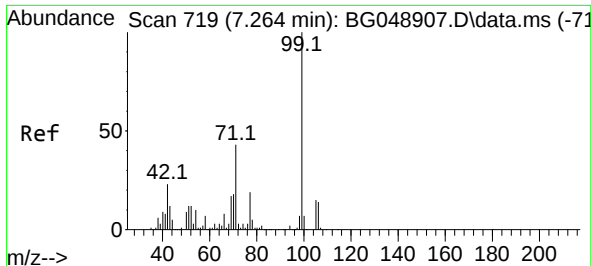
Tgt Ion:152 Resp: 34194
Ion Ratio Lower Upper
152 100
150 152.7 119.4 179.0
115 65.2 60.2 90.4



#5
2-Fluorophenol
Concen: 133.610 ng
RT: 5.664 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

Tgt Ion:112 Resp: 293487
Ion Ratio Lower Upper
112 100
64 70.2 46.7 70.1#
63 42.1 35.3 52.9

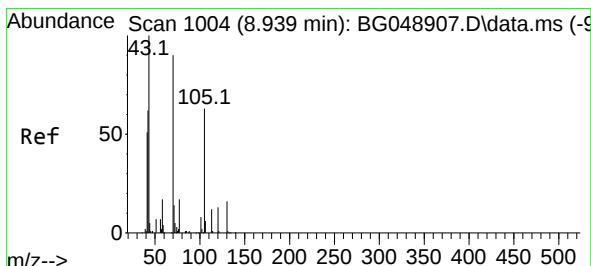
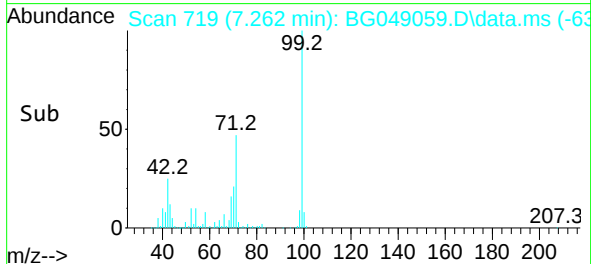
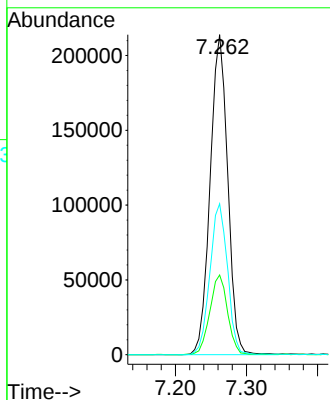
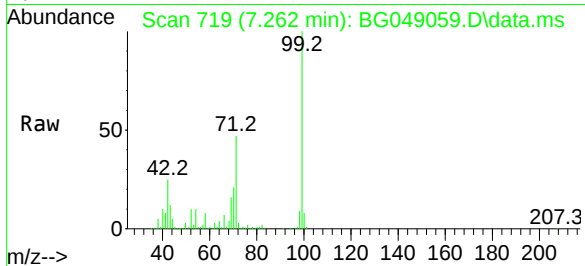




#7
Phenol-d6
Concen: 111.231 ng
RT: 7.262 min Scan# 719
Delta R.T. -0.005 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

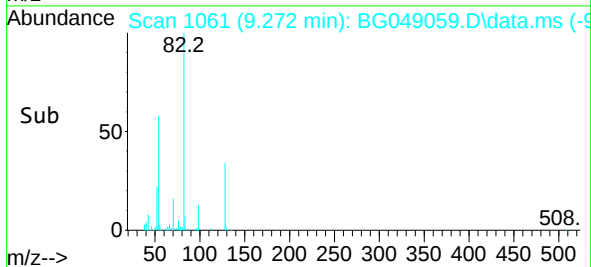
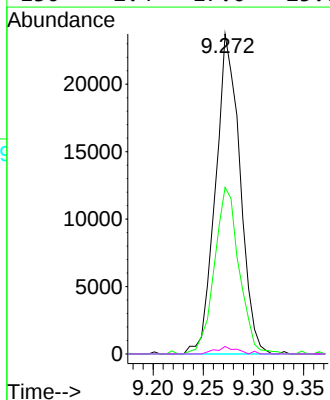
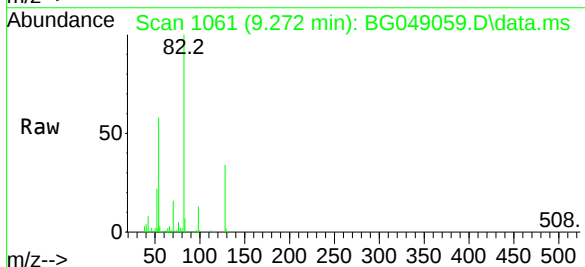
Instrument :
BNA_G
ClientSampleId :
PB137257BL

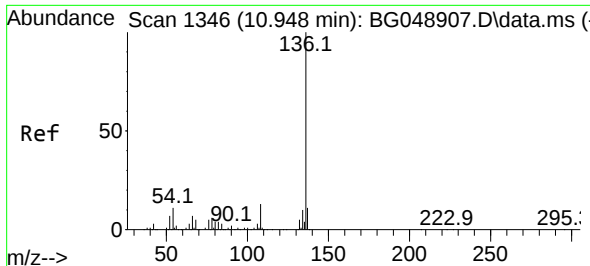
Tgt Ion: 99 Resp: 366205
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 47.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.571 ng
RT: 9.272 min Scan# 1061
Delta R.T. 0.347 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

Tgt Ion: 70 Resp: 40071
Ion Ratio Lower Upper
70 100
42 52.1 54.5 81.7#
101 0.0 9.0 13.6#
130 2.4 17.0 25.6#

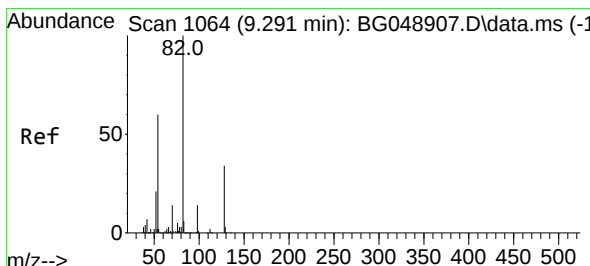
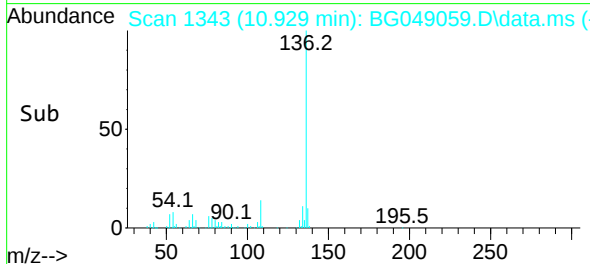
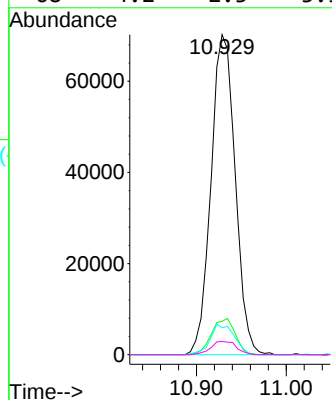
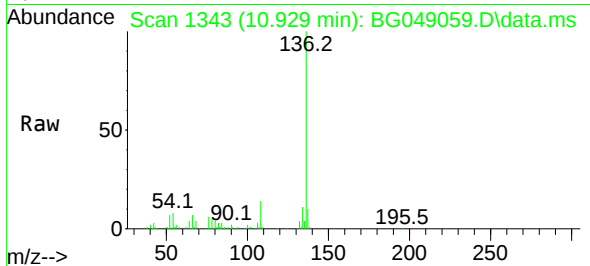




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.929 min Scan# 1343
Delta R.T. -0.011 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

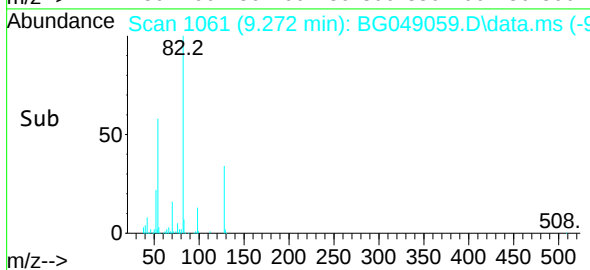
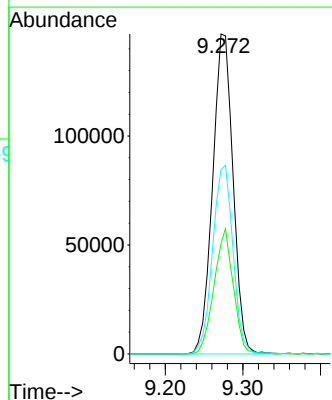
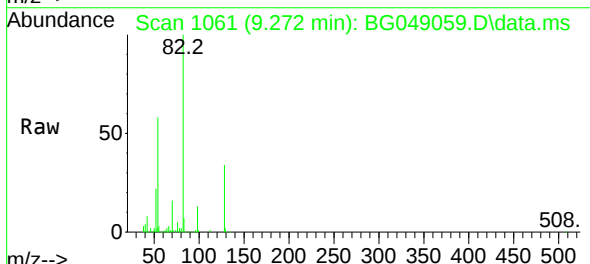
Instrument :
BNA_G
ClientSampleId :
PB137257BL

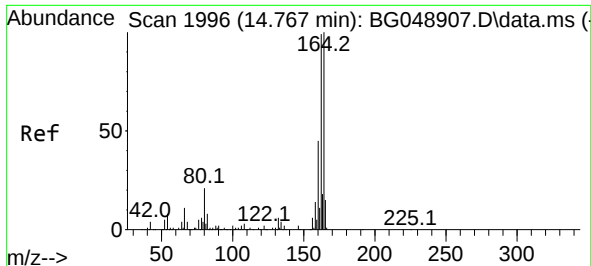
Tgt Ion:	136	Resp:	131571
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	8.4	5.5	8.3#
68	4.2	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 88.195 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.011 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

Tgt Ion:	82	Resp:	269109
Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.8	44.6
54	57.7	45.8	68.8

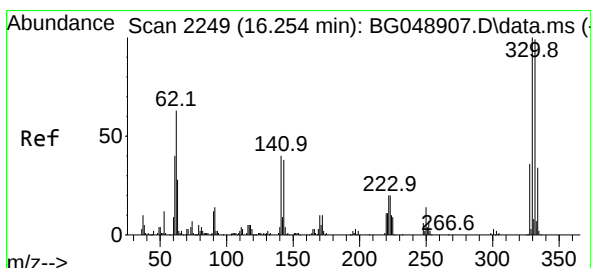
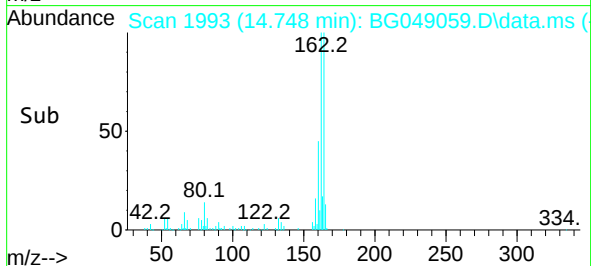
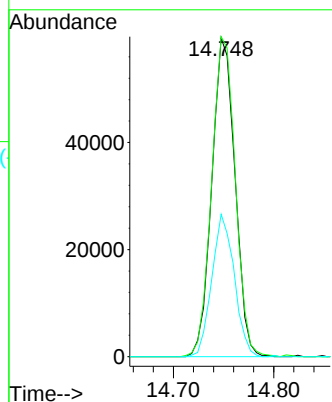
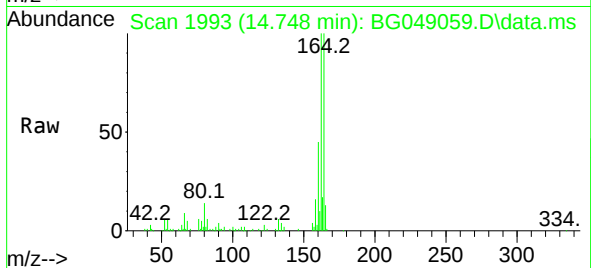




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.011 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

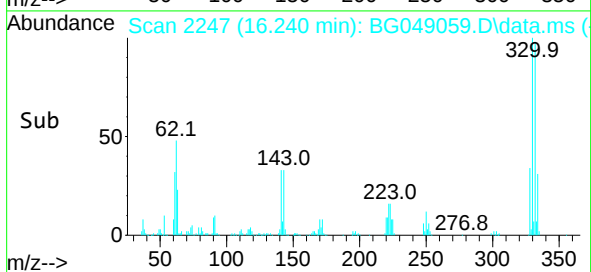
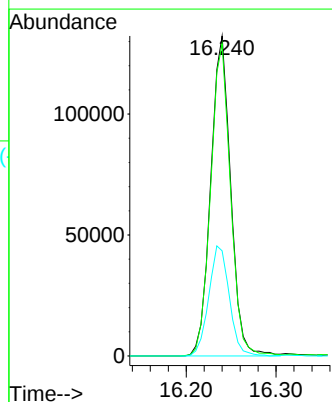
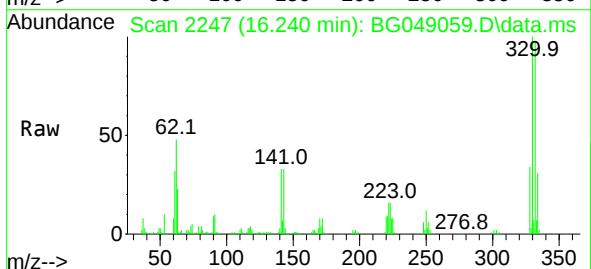
Instrument :
BNA_G
ClientSampleId :
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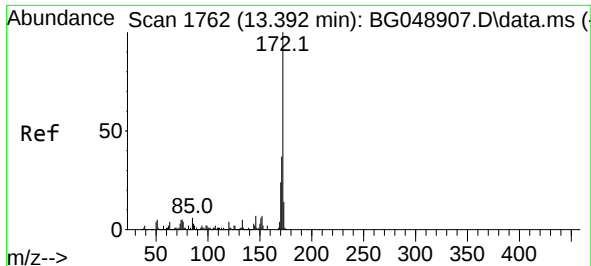
Tgt Ion:164 Resp: 95235
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 44.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 144.755 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.005 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

Tgt Ion:330 Resp: 204244
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 35.4 35.6 53.4#

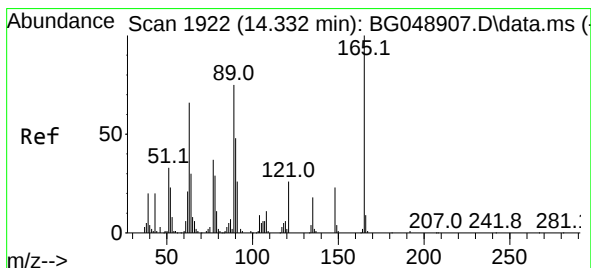
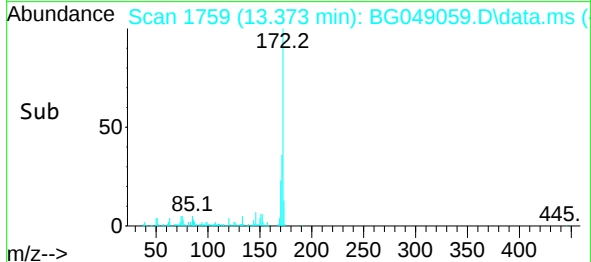
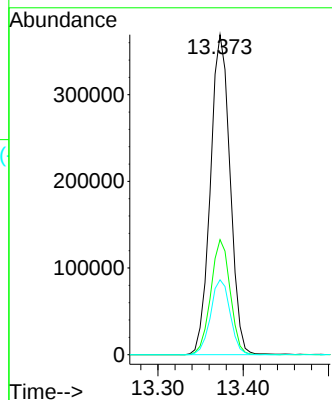
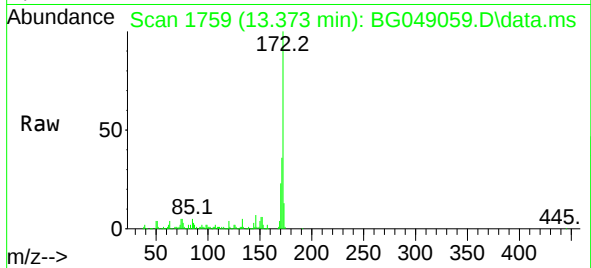




#45
2-Fluorobiphenyl
Concen: 87.763 ng
RT: 13.373 min Scan# 1759
Delta R.T. -0.011 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

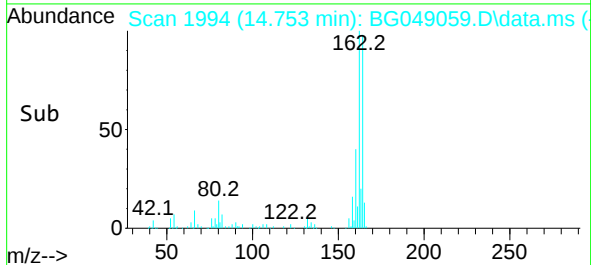
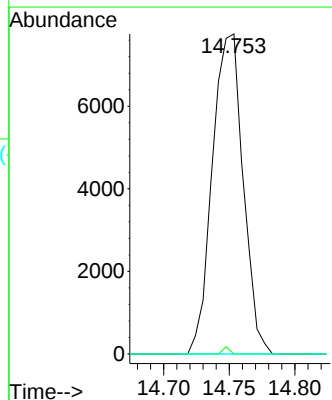
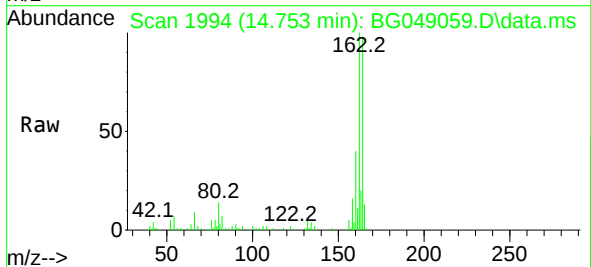
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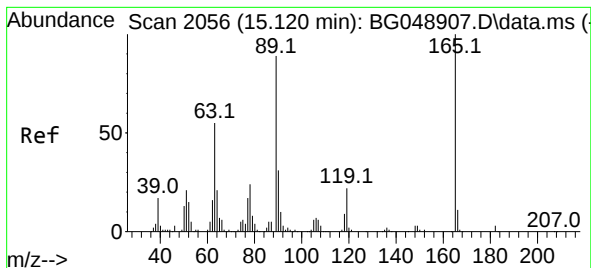
Tgt Ion:172 Resp: 591655
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.362 ng
RT: 14.753 min Scan# 1994
Delta R.T. 0.430 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

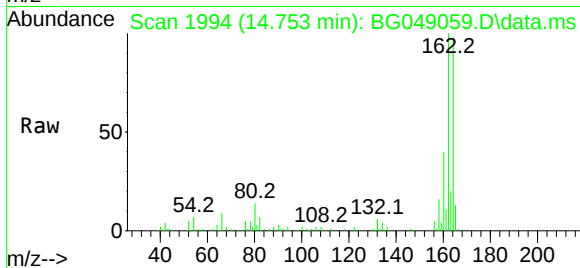
Tgt Ion:165 Resp: 12633
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



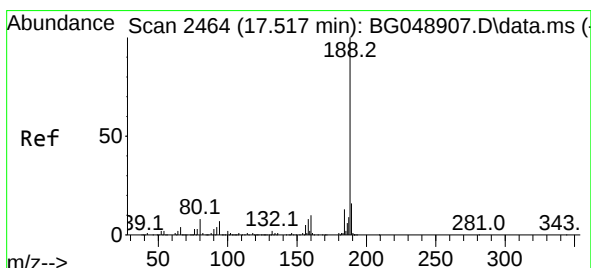
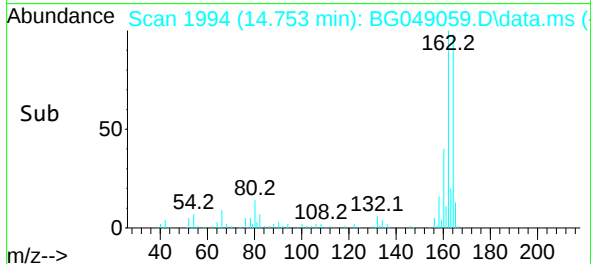
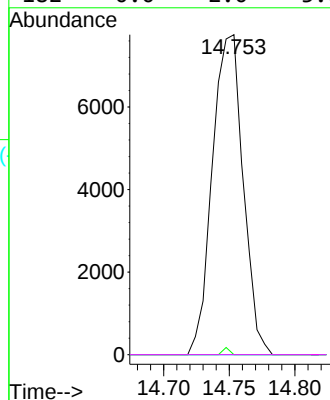


#57
2,4-Dinitrotoluene
Concen: 6.808 ng
RT: 14.753 min Scan# 1994
Delta R.T. -0.358 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

Instrument :
BNA_G
ClientSampleId :
PB137257BL

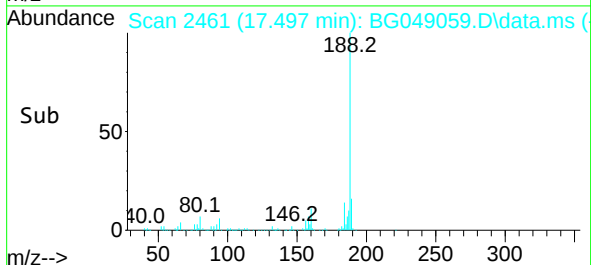
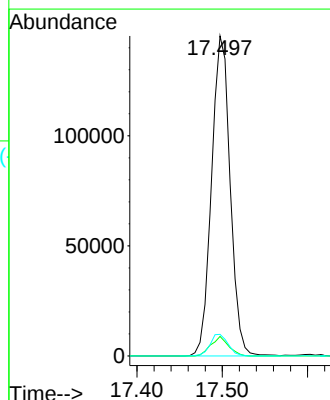
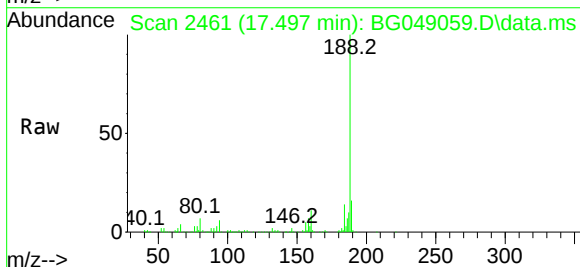


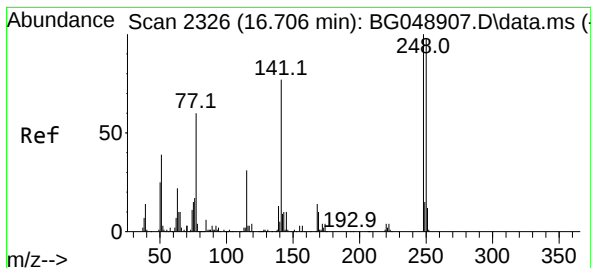
Tgt Ion:165 Resp: 12633
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2461
Delta R.T. -0.011 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

Tgt Ion:188 Resp: 220526
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 6.8 3.7 5.5#

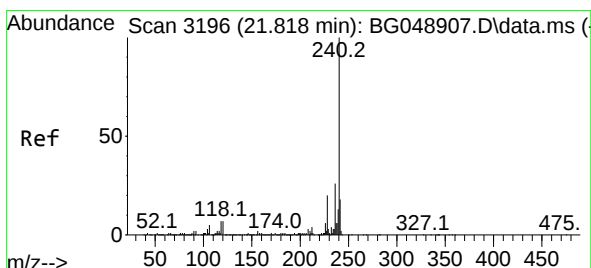
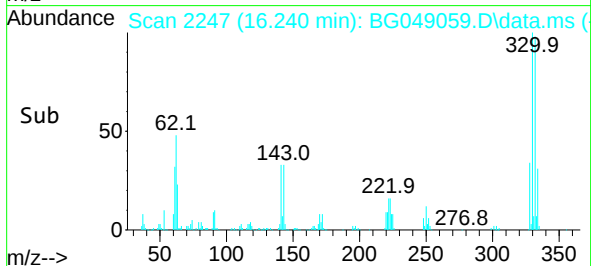
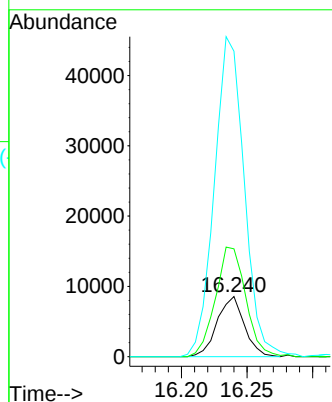
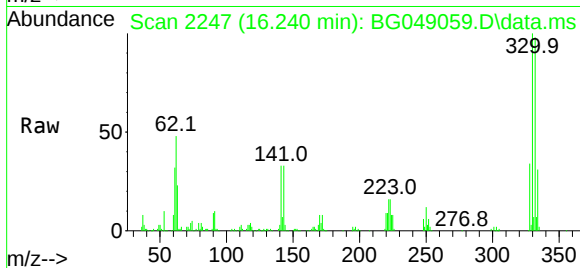




#67
4-Bromophenyl-phenylether
Concen: 4.473 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.452 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

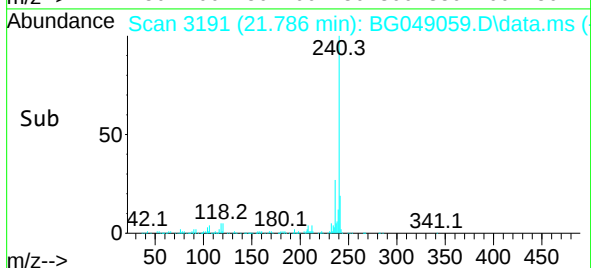
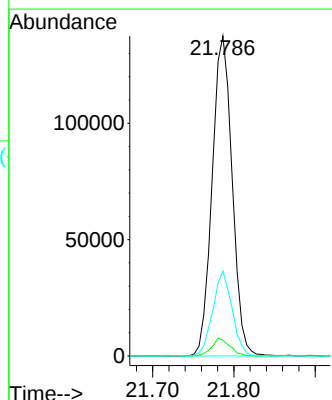
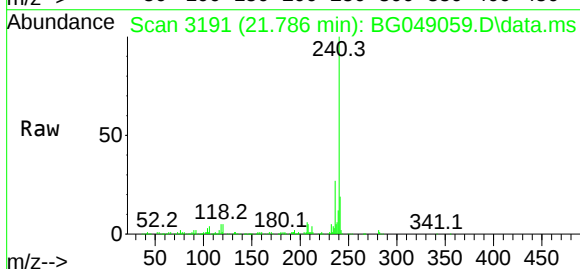
Instrument :
BNA_G
ClientSampled :
PB137257BL

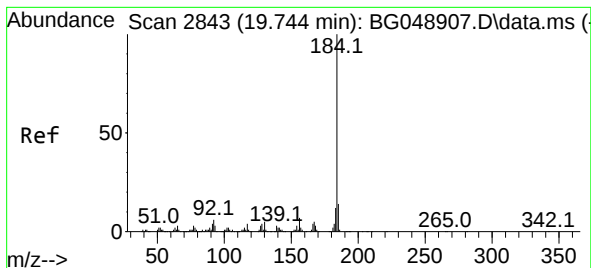
Tgt Ion:248 Resp: 12316
Ion Ratio Lower Upper
248 100
250 179.3 76.1 114.1#
141 507.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.786 min Scan# 3191
Delta R.T. -0.011 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

Tgt Ion:240 Resp: 235183
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 26.5 21.8 32.6





#77

Benzidine

Concen: 4.666 ng

RT: 20.106 min Scan# 2905

Delta R.T. 0.377 min

Lab File: BG049059.D

Acq: 23 Jun 2021 13:17

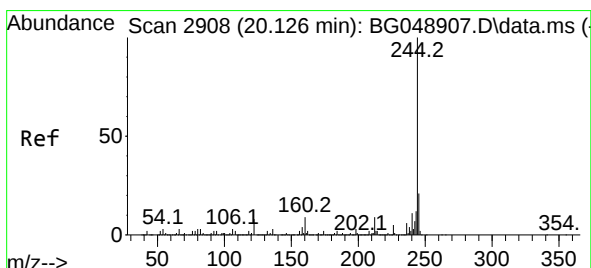
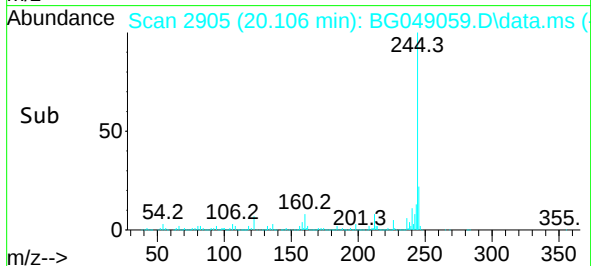
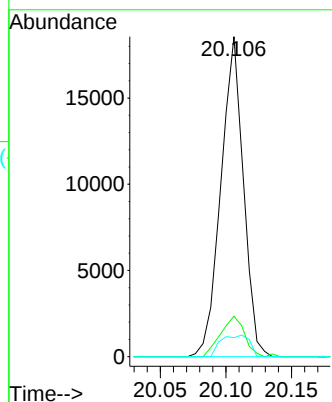
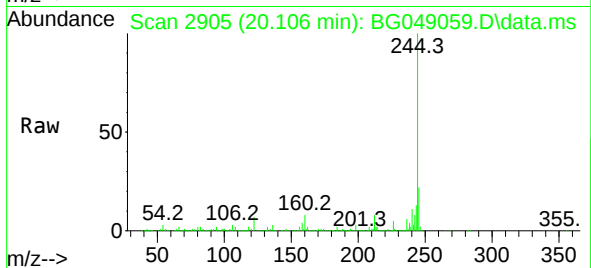
Tgt Ion:184	Resp:	22107
Ion Ratio	Lower	Upper
184	100	
185	12.7	10.7 16.1
183	5.9	9.4 14.0#

Instrument :

BNA_G

ClientSampleId :

PB137257BL



#79

Terphenyl-d14

Concen: 87.488 ng

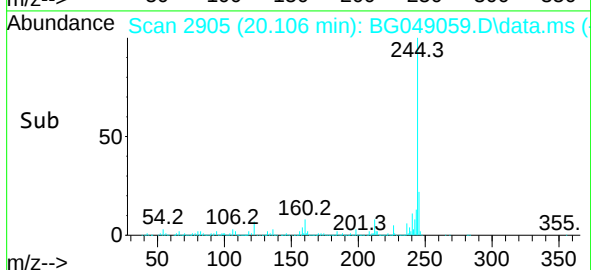
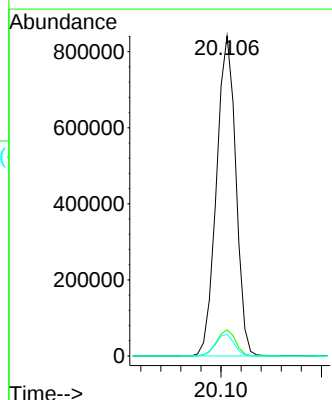
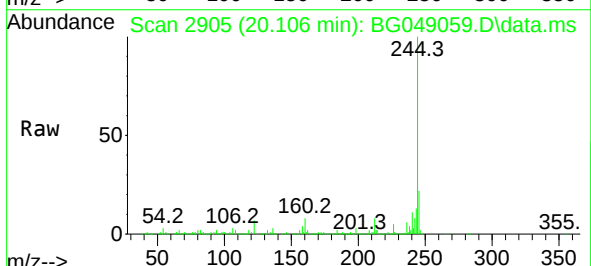
RT: 20.106 min Scan# 2905

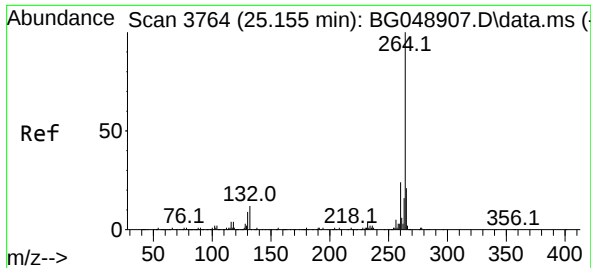
Delta R.T. -0.005 min

Lab File: BG049059.D

Acq: 23 Jun 2021 13:17

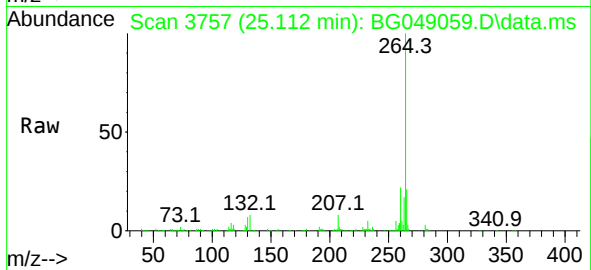
Tgt Ion:244	Resp:	1123485
Ion Ratio	Lower	Upper
244	100	
212	8.2	6.9 10.3
122	6.8	5.0 7.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.112 min Scan# 3757
Delta R.T. -0.017 min
Lab File: BG049059.D
Acq: 23 Jun 2021 13:17

Instrument :
BNA_G
ClientSampleId :
PB137257BL



Tgt Ion:264 Resp: 243191
Ion Ratio Lower Upper
264 100
260 21.7 19.4 29.2
265 20.8 16.9 25.3

