

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
 Data File : BG049053.D
 Acq On : 22 Jun 2021 23:24
 Operator : CG/JU
 Sample : PB137244BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137244BL

Quant Time: Jun 23 06:39:57 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)

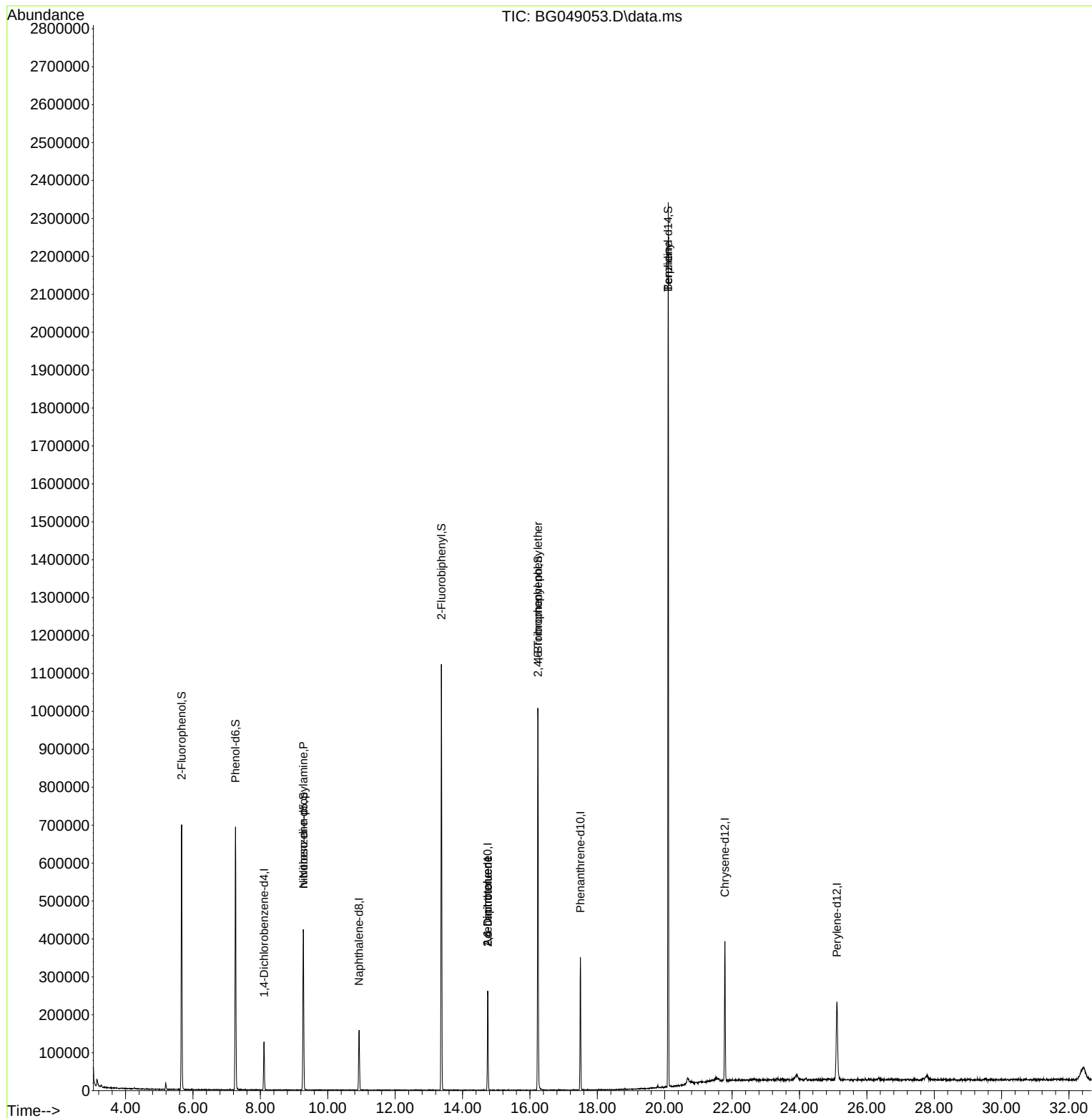
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	33618	20.00	ng	# 0.00
21) Naphthalene-d8	10.929	136	130792	20.00	ng	#-0.01
39) Acenaphthene-d10	14.748	164	95188	20.00	ng	-0.01
64) Phenanthrene-d10	17.498	188	229576	20.00	ng	#-0.01
76) Chrysene-d12	21.787	240	231734	20.00	ng	-0.01
86) Perylene-d12	25.112	264	240527	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	278087	128.77	ng	0.00
7) Phenol-d6	7.263	99	353266	109.14	ng	0.00
23) Nitrobenzene-d5	9.278	82	252878	83.37	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	203356	144.20	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	564272	83.74	ng	-0.01
79) Terphenyl-d14	20.107	244	1088615	86.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.278	70	38768	15.32	ng	# 76
51) 2,6-Dinitrotoluene	14.748	165	13145	8.71	ng	# 10
57) 2,4-Dinitrotoluene	14.748	165	13145	7.09	ng	# 15
67) 4-Bromophenyl-phenylether	16.235	248	12753	4.45	ng	# 1
77) Benzidine	20.107	184	20409	4.37	ng	97

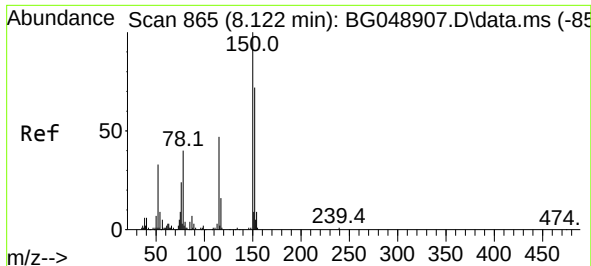
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

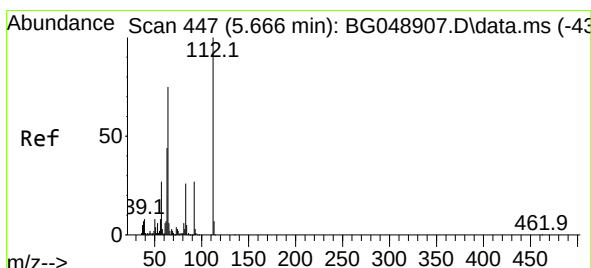
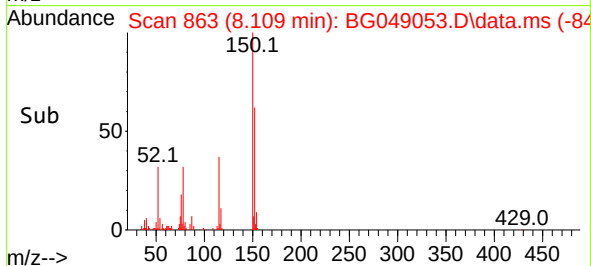
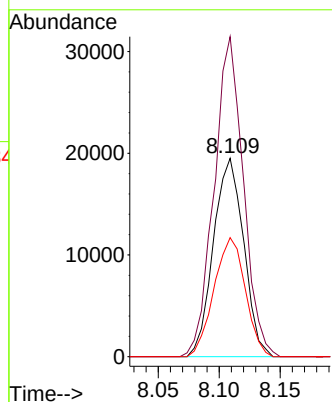
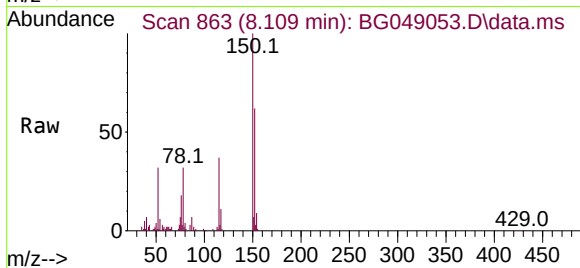




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 863
Delta R.T. -0.005 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

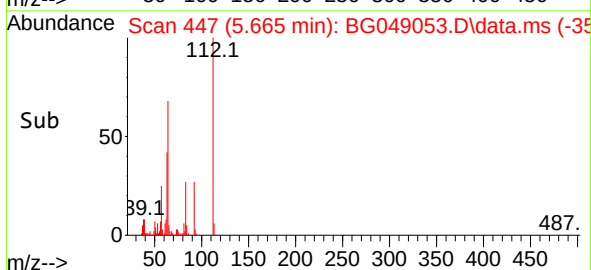
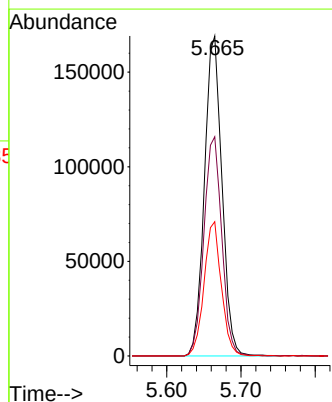
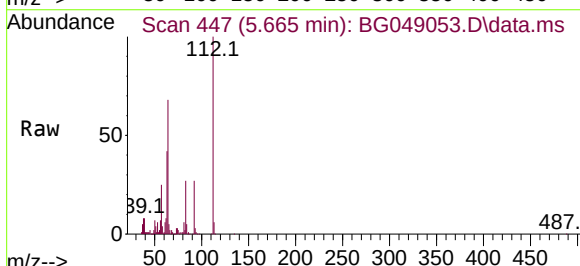
Instrument :
BNA_G
ClientSampleId :
PB137244BL

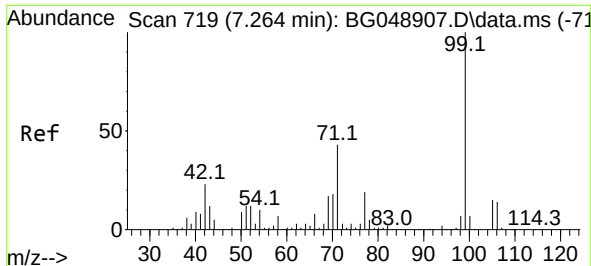
Tgt Ion:152 Resp: 33618
Ion Ratio Lower Upper
152 100
150 161.3 119.4 179.0
115 60.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 128.77 ng
RT: 5.665 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

Tgt Ion:112 Resp: 278087
Ion Ratio Lower Upper
112 100
64 68.5 46.7 70.1
63 42.0 35.3 52.9

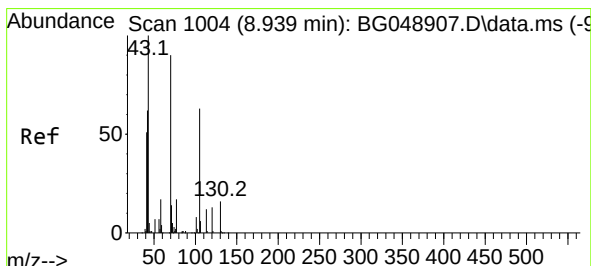
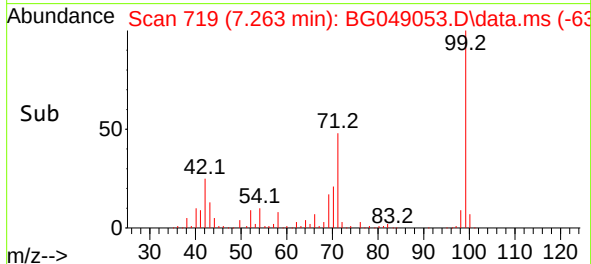
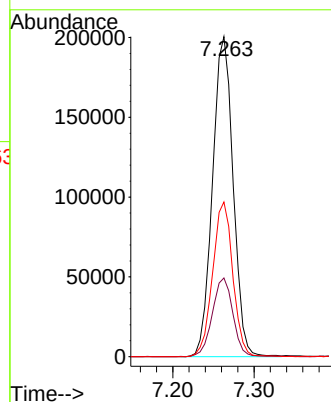
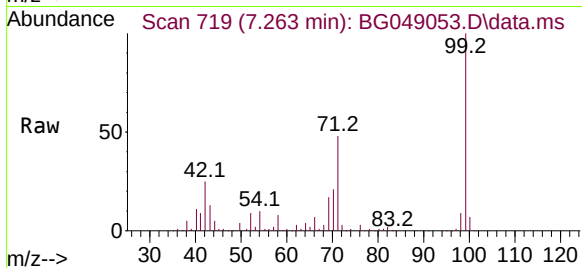




#7
Phenol-d6
Concen: 109.14 ng
RT: 7.263 min Scan# 719
Delta R.T. -0.005 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

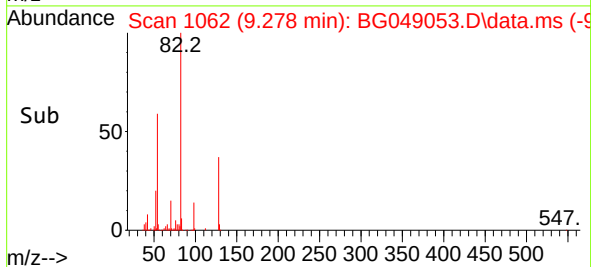
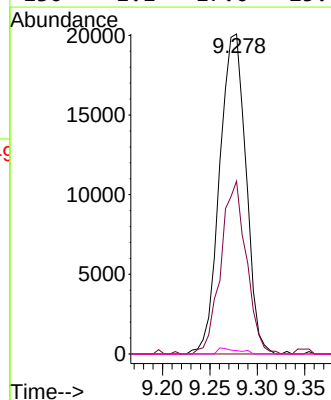
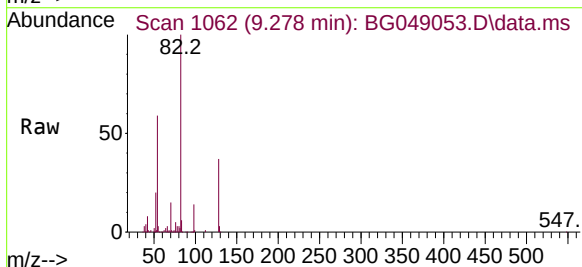
Instrument :
BNA_G
ClientSampleId :
PB137244BL

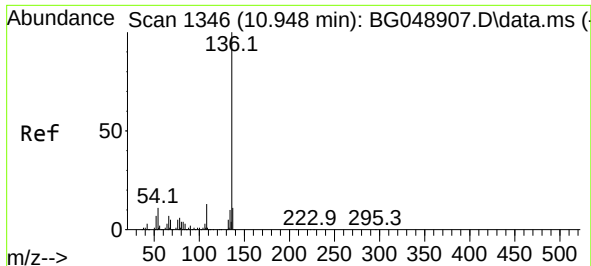
Tgt Ion: 99 Resp: 353266
Ion Ratio Lower Upper
99 100
42 24.6 20.5 30.7
71 48.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.32 ng
RT: 9.278 min Scan# 1062
Delta R.T. 0.354 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

Tgt Ion: 70 Resp: 38768
Ion Ratio Lower Upper
70 100
42 54.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#

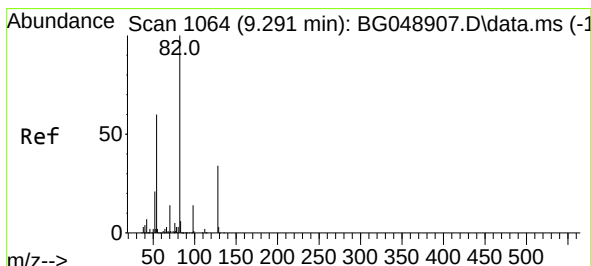
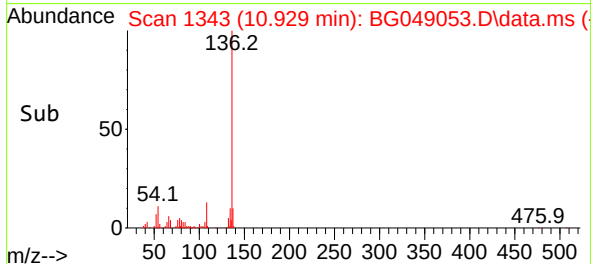
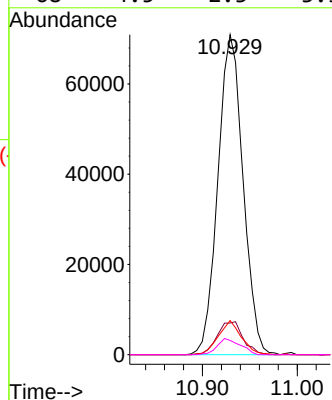
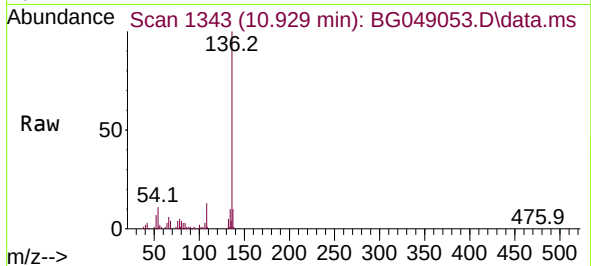




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1343
Delta R.T. -0.011 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

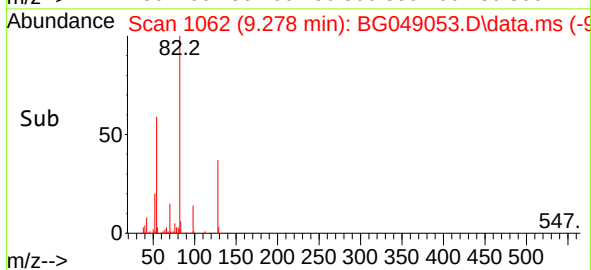
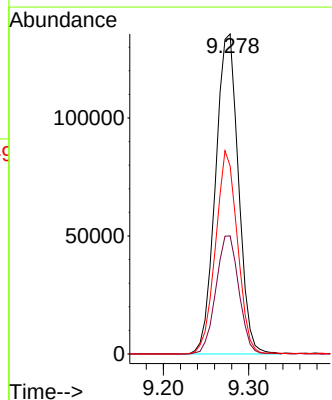
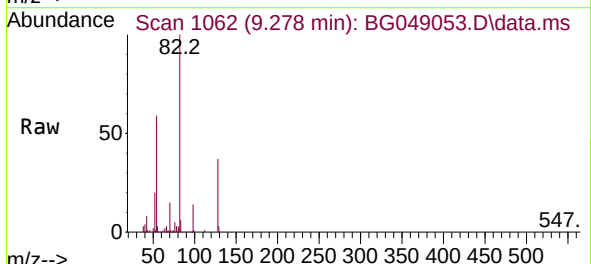
Instrument :
BNA_G
ClientSampleId :
PB137244BL

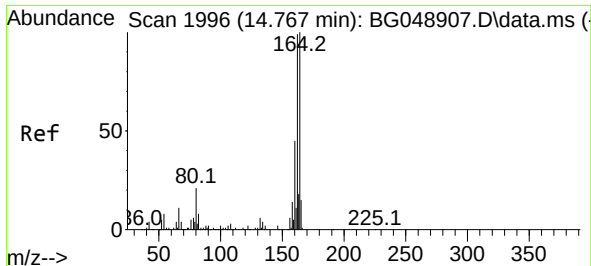
Tgt Ion:	136	Resp:	130792
Ion Ratio	Lower	Upper	
136	100		
137	9.9	8.2	12.2
54	10.7	5.5	8.3#
68	4.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 83.37 ng
RT: 9.278 min Scan# 1062
Delta R.T. -0.005 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

Tgt Ion:	82	Resp:	252878
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.8	44.6
54	58.8	45.8	68.8

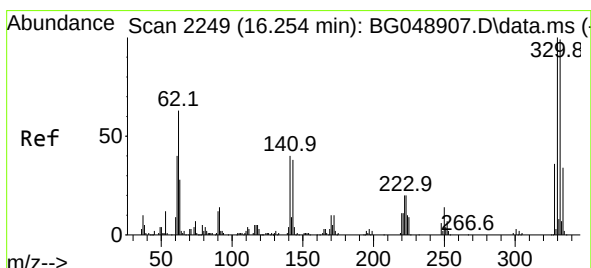
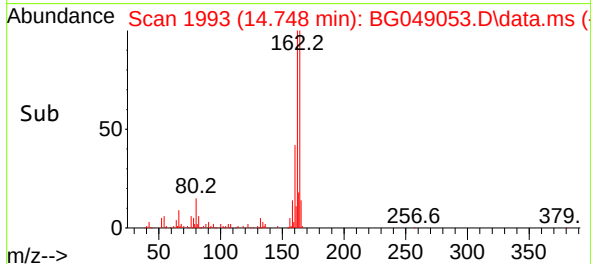
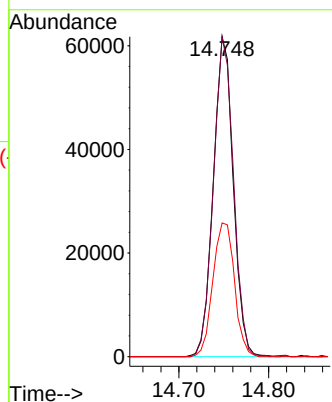
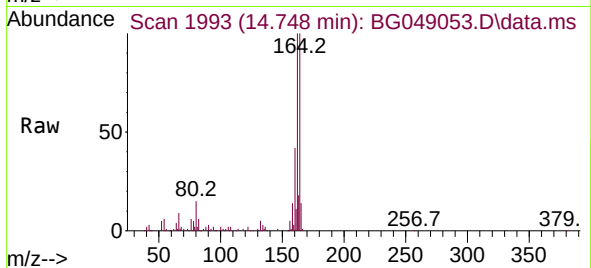




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.011 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

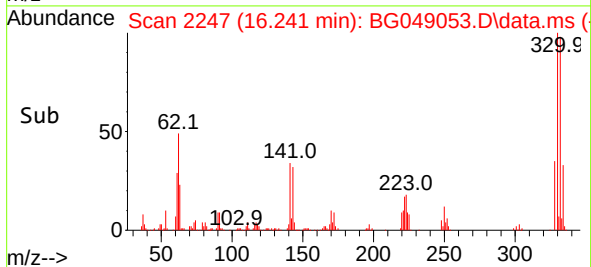
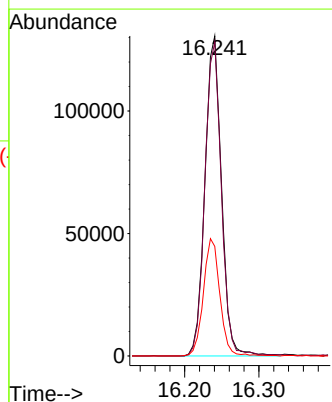
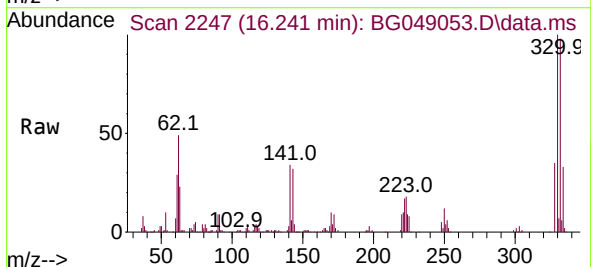
Instrument :
BNA_G
ClientSampleId :
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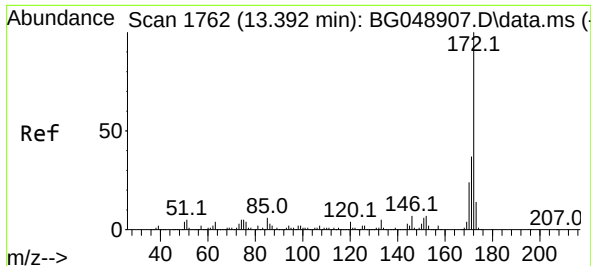
Tgt Ion:164 Resp: 95188
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 41.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 144.20 ng
RT: 16.241 min Scan# 2247
Delta R.T. -0.005 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

Tgt Ion:330 Resp: 203356
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 36.5 35.6 53.4

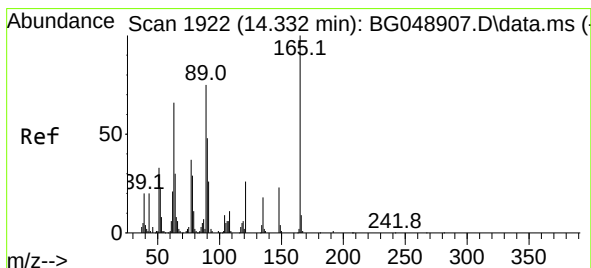
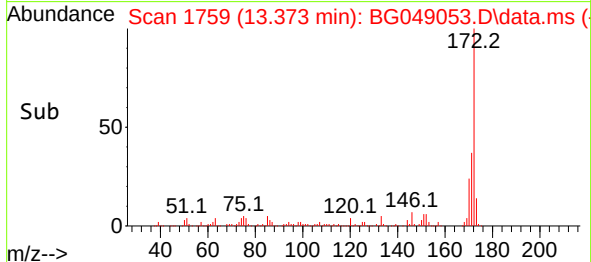
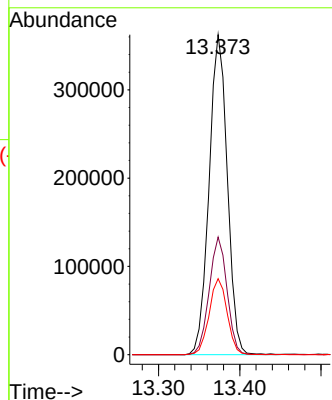
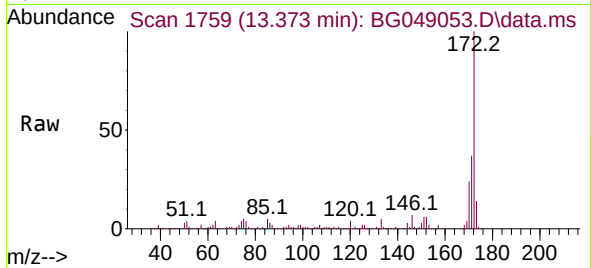




#45
2-Fluorobiphenyl
Concen: 83.74 ng
RT: 13.373 min Scan# 1759
Delta R.T. -0.011 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

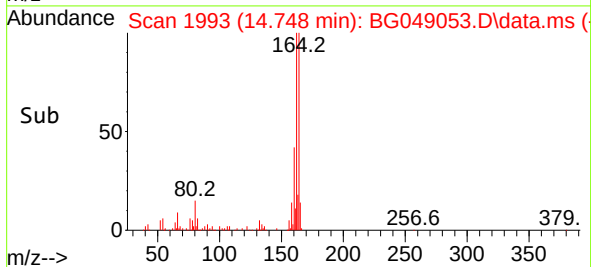
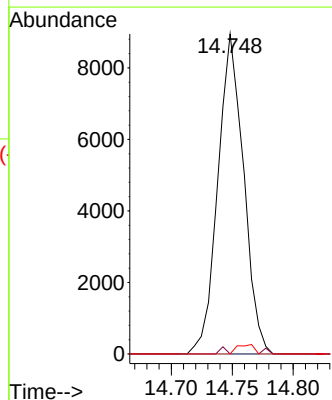
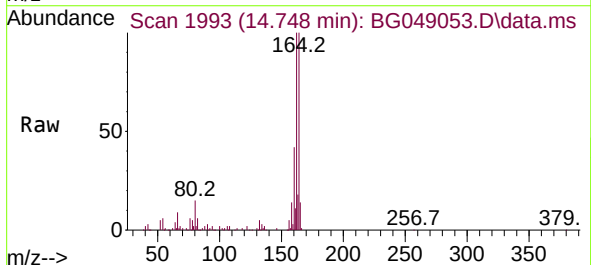
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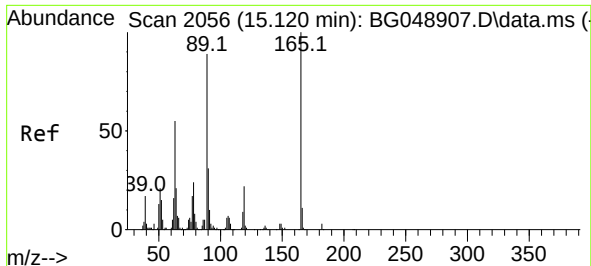
Tgt Ion:172 Resp: 564272
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.71 ng
RT: 14.748 min Scan# 1993
Delta R.T. 0.424 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

Tgt Ion:165 Resp: 13145
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

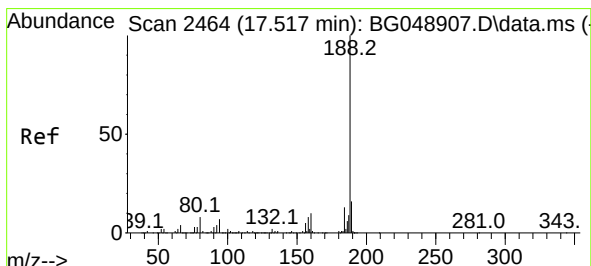
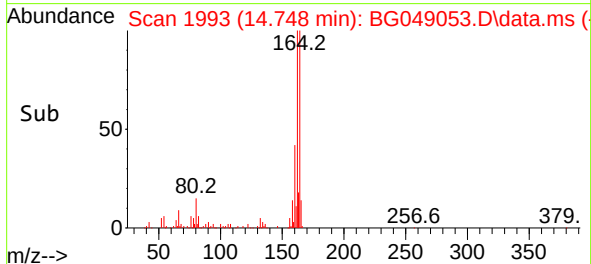
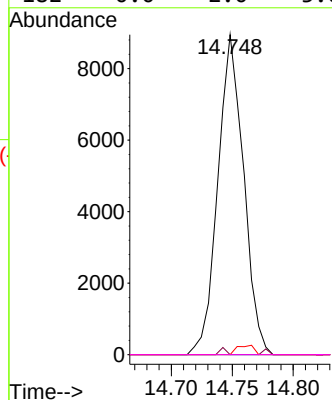
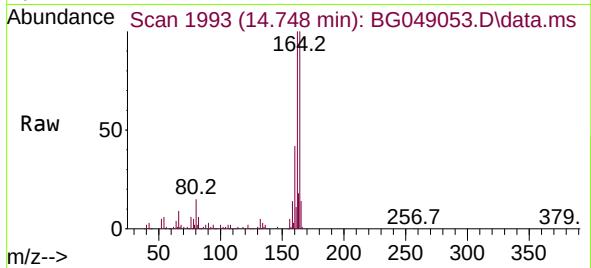




#57
2,4-Dinitrotoluene
Concen: 7.09 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.363 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

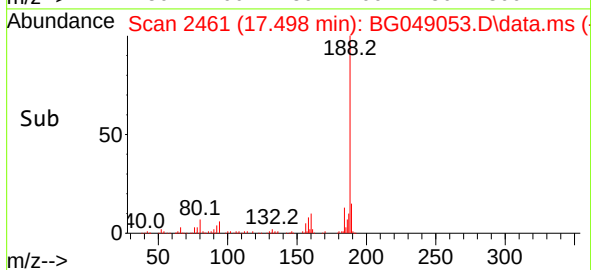
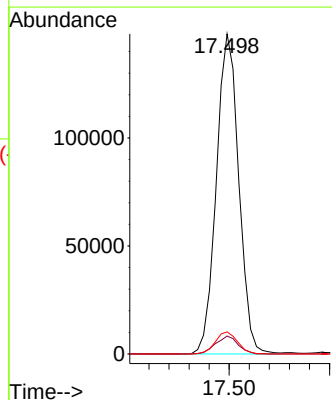
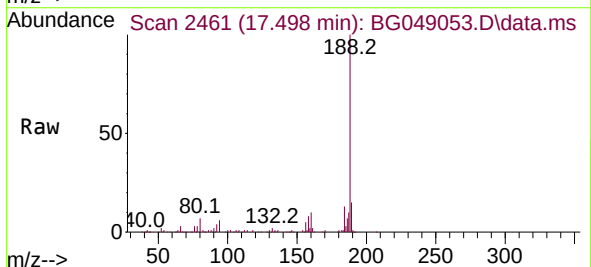
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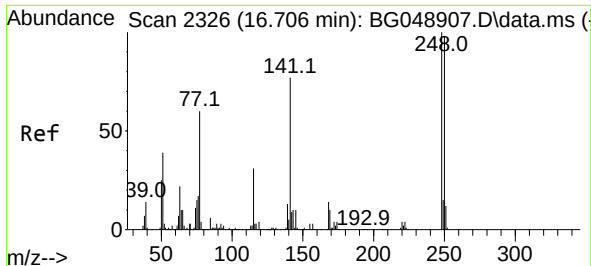
Tgt Ion:165 Resp: 13145
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2461
Delta R.T. -0.011 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

Tgt Ion:188 Resp: 229576
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 6.9 3.7 5.5#

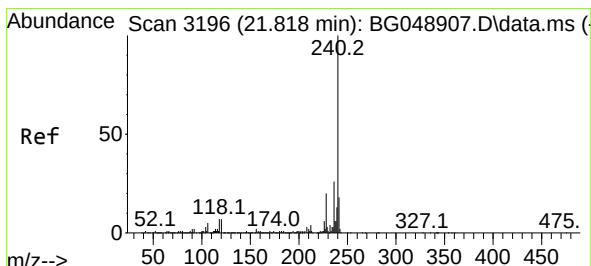
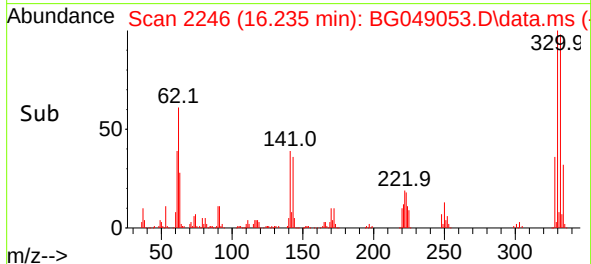
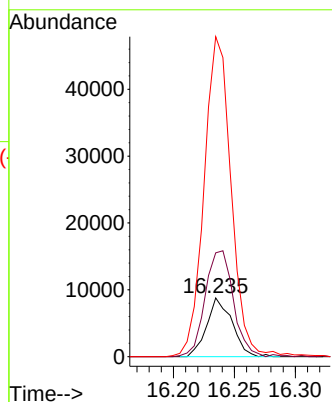
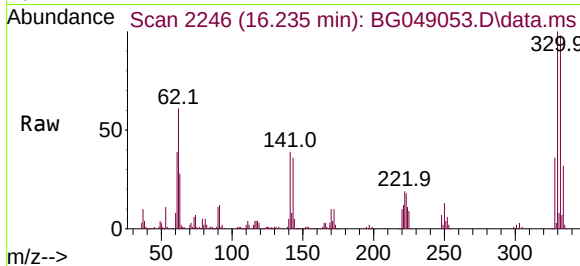




#67
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.457 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

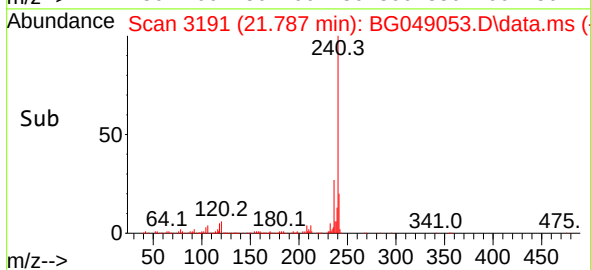
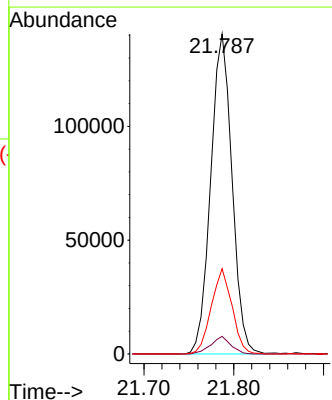
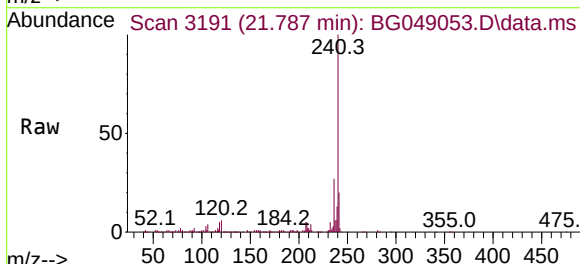
Instrument :
BNA_G
ClientSampleId :
PB137244BL

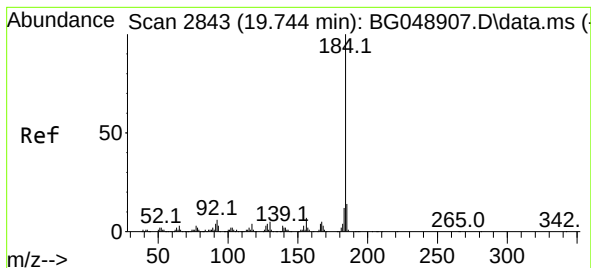
Tgt Ion:248 Resp: 12753
Ion Ratio Lower Upper
248 100
250 176.9 76.1 114.1#
141 545.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3191
Delta R.T. -0.011 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

Tgt Ion:240 Resp: 231734
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 26.6 21.8 32.6





#77

Benzidine

Concen: 4.37 ng

RT: 20.107 min Scan# 2905

Delta R.T. 0.377 min

Lab File: BG049053.D

Acq: 22 Jun 2021 23:24

Tgt Ion:184 Resp: 20409

Ion Ratio Lower Upper

184 100

185 14.5 10.7 16.1

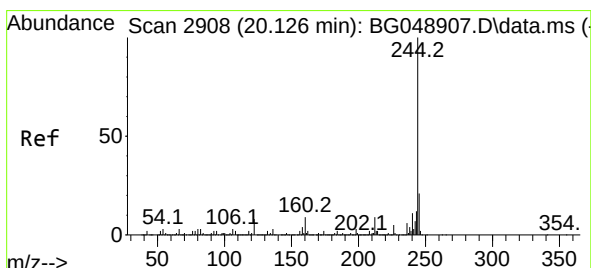
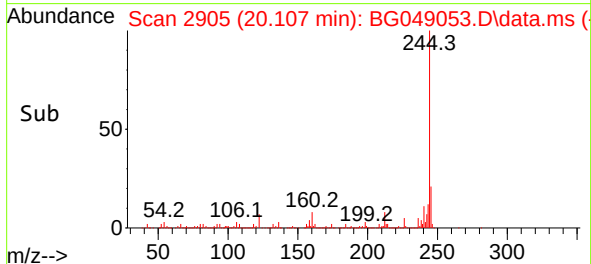
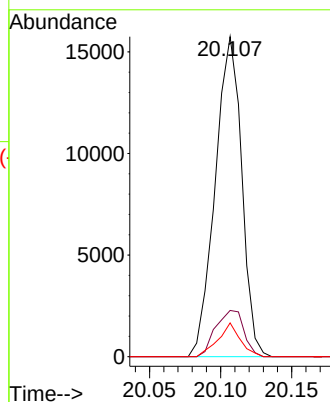
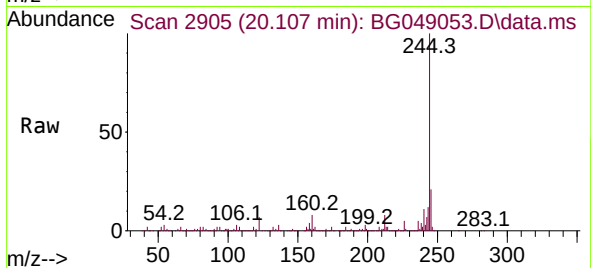
183 10.5 9.4 14.0

Instrument :

BNA_G

ClientSampleId :

PB137244BL



#79

Terphenyl-d14

Concen: 86.03 ng

RT: 20.107 min Scan# 2905

Delta R.T. -0.005 min

Lab File: BG049053.D

Acq: 22 Jun 2021 23:24

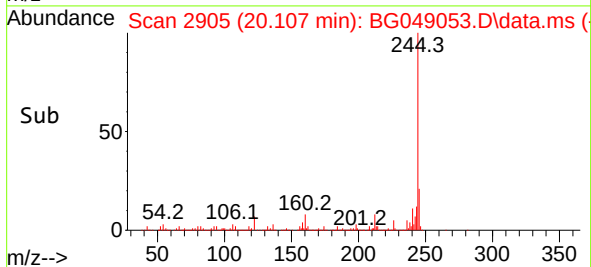
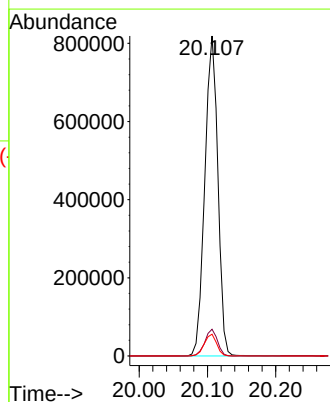
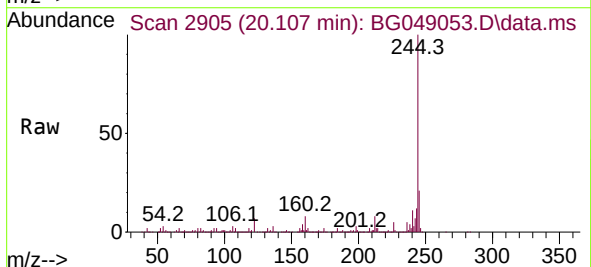
Tgt Ion:244 Resp: 1088615

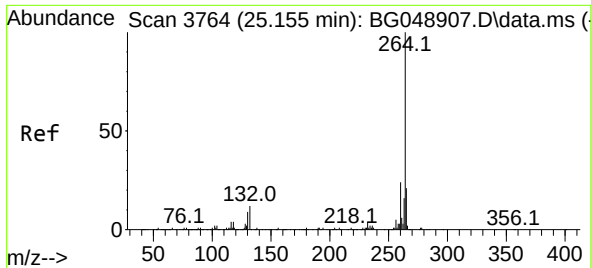
Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

122 6.8 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.112 min Scan# 3757
Delta R.T. -0.016 min
Lab File: BG049053.D
Acq: 22 Jun 2021 23:24

Instrument :
BNA_G
ClientSampleId :
PB137244BL

Tgt Ion:264	Resp:	240527
Ion Ratio	Lower	Upper
264	100	
260	22.5	19.4 29.2
265	20.8	16.9 25.3

