

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070621\
 Data File : BG049181.D
 Acq On : 6 Jul 2021 10:21
 Operator : CG/JU
 Sample : PB137485BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137485BL

Quant Time: Jul 06 11:00:08 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)

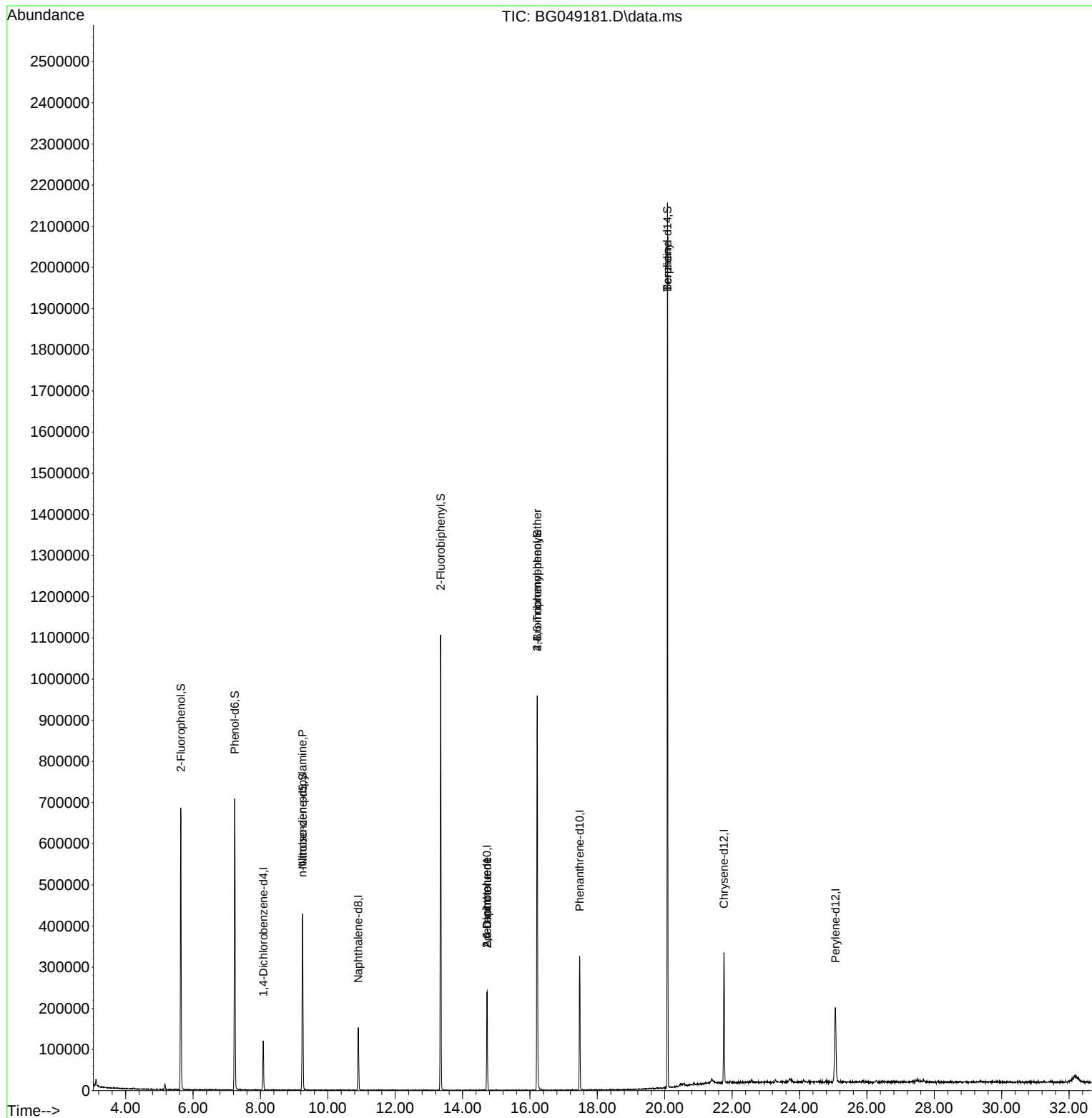
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	30562	20.000	ng	0.00
21) Naphthalene-d8	10.904	136	124146	20.000	ng	# 0.00
39) Acenaphthene-d10	14.723	164	90365	20.000	ng	0.00
64) Phenanthrene-d10	17.473	188	212277	20.000	ng	# 0.00
76) Chrysene-d12	21.756	240	208067	20.000	ng	0.00
86) Perylene-d12	25.064	264	209420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	269179	137.952	ng	0.00
7) Phenol-d6	7.238	99	359167	129.107	ng	0.00
23) Nitrobenzene-d5	9.253	82	258496	88.280	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	192212	122.701	ng	0.00
45) 2-Fluorobiphenyl	13.348	172	576470	86.067	ng	0.00
79) Terphenyl-d14	20.082	244	1000318	81.467	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.247	70	39207	19.611	ng	# 75
51) 2,6-Dinitrotoluene	14.723	165	12018	7.229	ng	# 10
57) 2,4-Dinitrotoluene	14.723	165	12018	5.089	ng	# 15
67) 4-Bromophenyl-phenylether	16.216	248	12529	4.375	ng	# 1
77) Benzidine	20.082	184	18548	4.150	ng	# 94

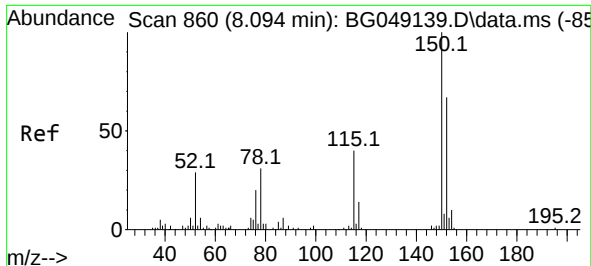
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 06 11:00:08 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

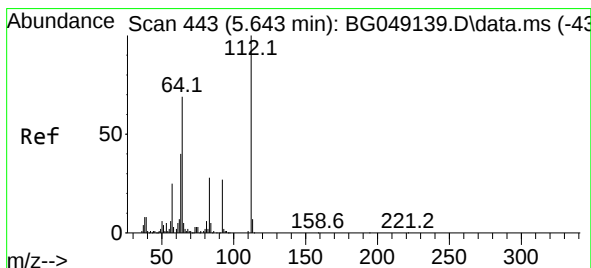
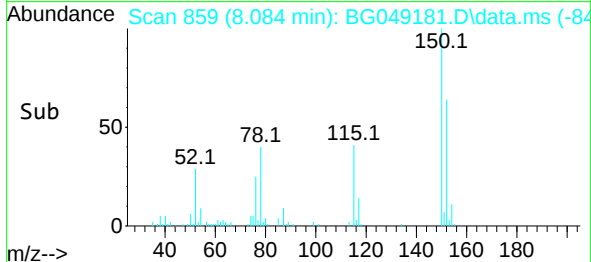
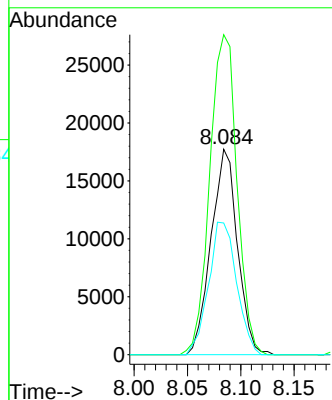
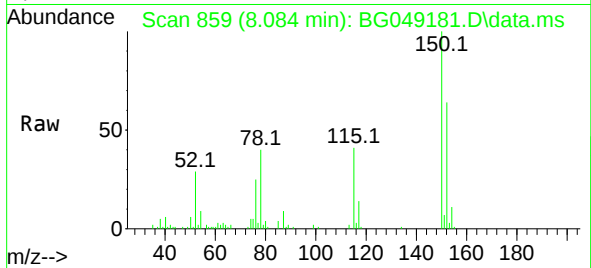




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 859
Delta R.T. -0.007 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

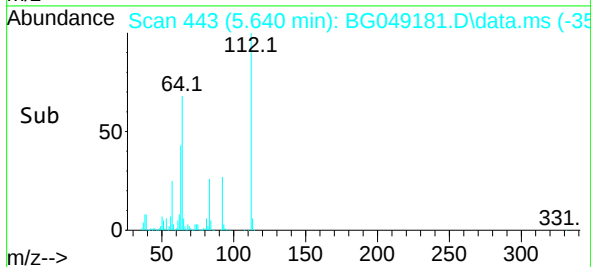
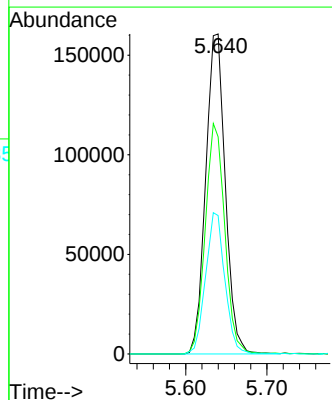
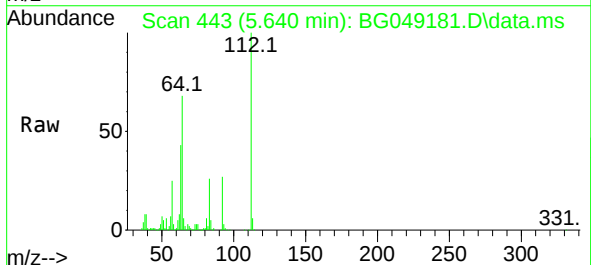
Instrument :
BNA_G
ClientSampleId :
PB137485BL

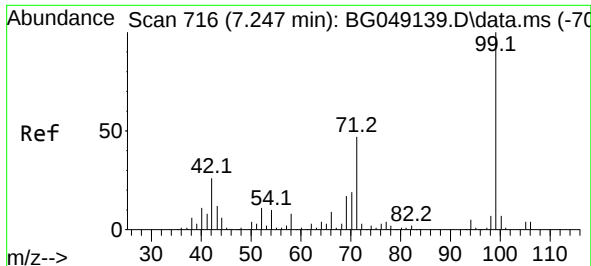
Tgt Ion:152 Resp: 30562
Ion Ratio Lower Upper
152 100
150 155.8 119.4 179.0
115 64.1 60.2 90.4



#5
2-Fluorophenol
Concen: 137.952 ng
RT: 5.640 min Scan# 443
Delta R.T. 0.005 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

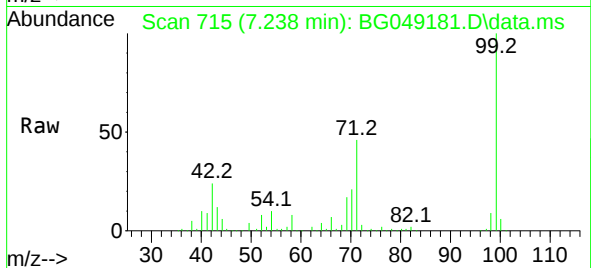
Tgt Ion:112 Resp: 269179
Ion Ratio Lower Upper
112 100
64 67.8 46.7 70.1
63 43.3 35.3 52.9



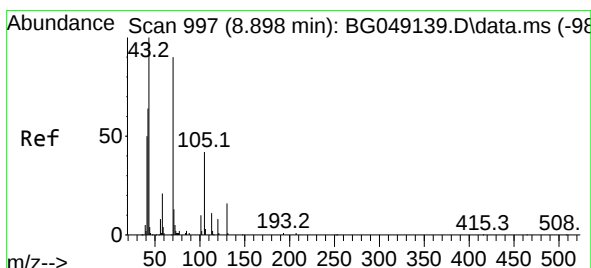
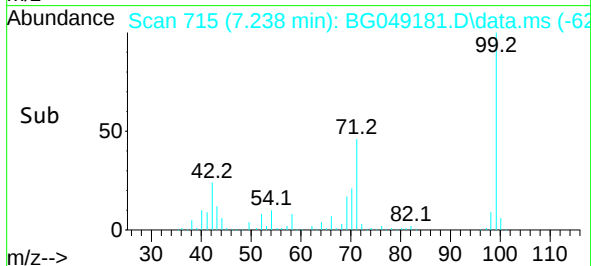
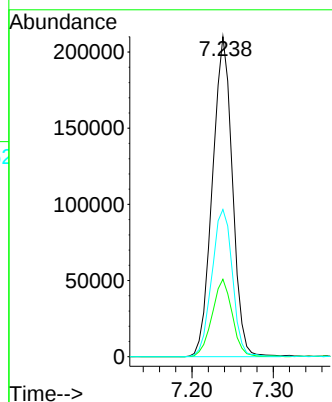


#7
Phenol-d6
Concen: 129.107 ng
RT: 7.238 min Scan# 715
Delta R.T. -0.001 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

Instrument :
BNA_G
ClientSampleId :
PB137485BL

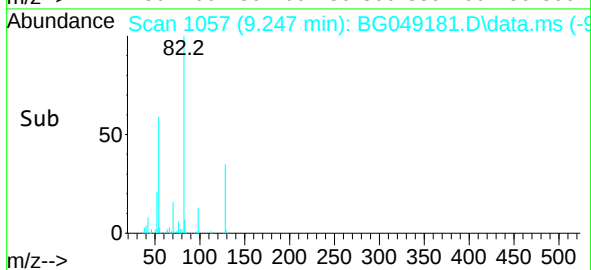
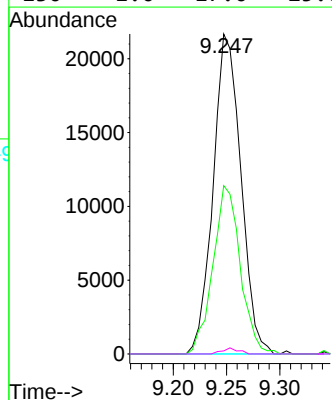
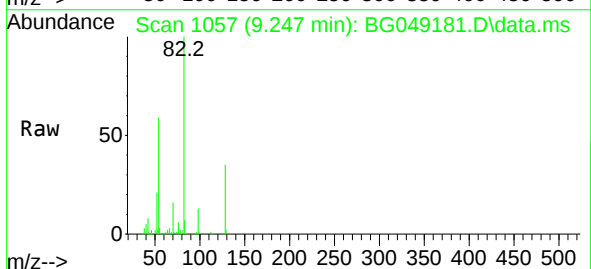


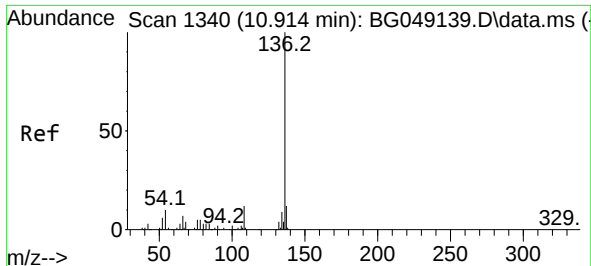
Tgt Ion: 99 Resp: 359167
Ion Ratio Lower Upper
99 100
42 24.2 20.5 30.7
71 46.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.611 ng
RT: 9.247 min Scan# 1057
Delta R.T. 0.352 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

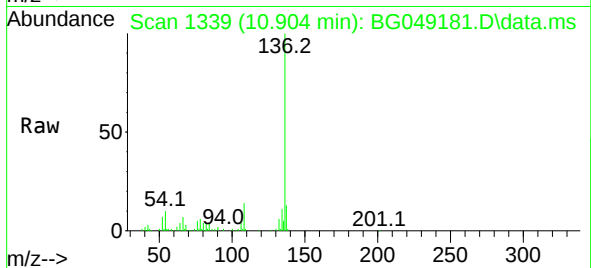
Tgt Ion: 70 Resp: 39207
Ion Ratio Lower Upper
70 100
42 52.6 54.5 81.7#
101 0.0 9.0 13.6#
130 1.0 17.0 25.6#



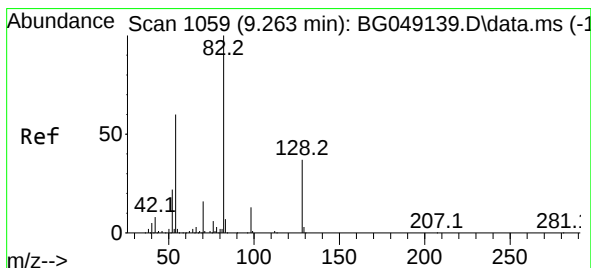
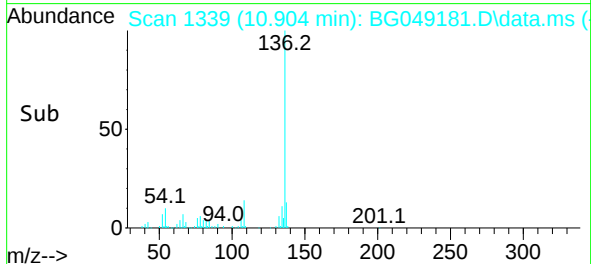
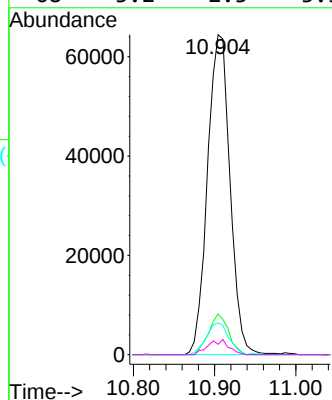


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1339
Delta R.T. -0.001 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

Instrument :
BNA_G
ClientSampleId :
PB137485BL

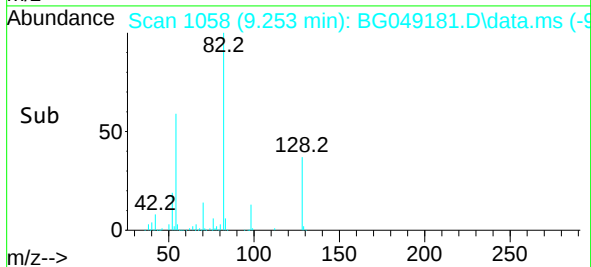
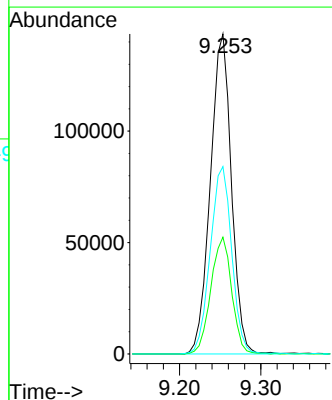
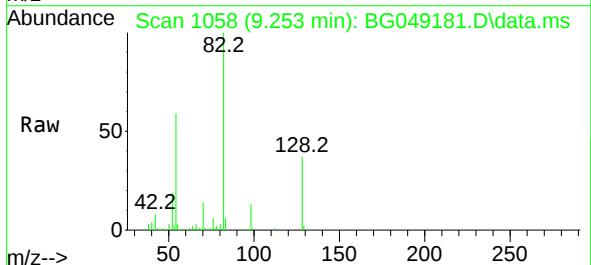


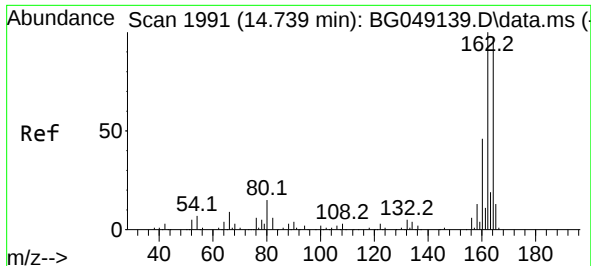
Tgt Ion:136 Resp: 124146
Ion Ratio Lower Upper
136 100
137 12.7 8.2 12.2#
54 10.0 5.5 8.3#
68 3.2 2.3 3.5



#23
Nitrobenzene-d5
Concen: 88.280 ng
RT: 9.253 min Scan# 1058
Delta R.T. -0.001 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

Tgt Ion: 82 Resp: 258496
Ion Ratio Lower Upper
82 100
128 36.5 29.8 44.6
54 58.6 45.8 68.8

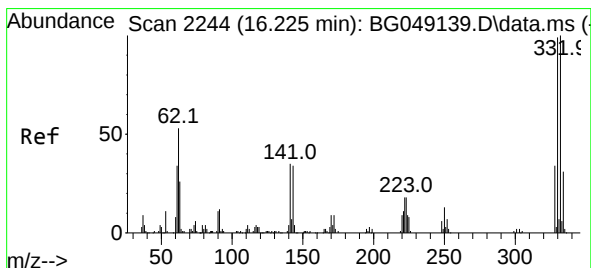
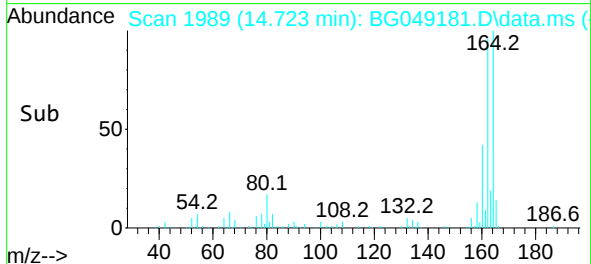
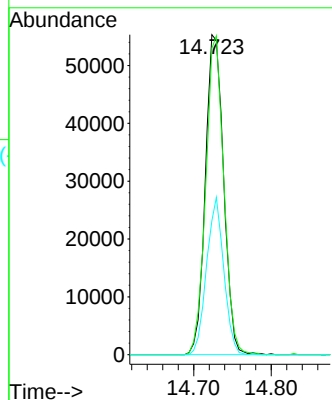
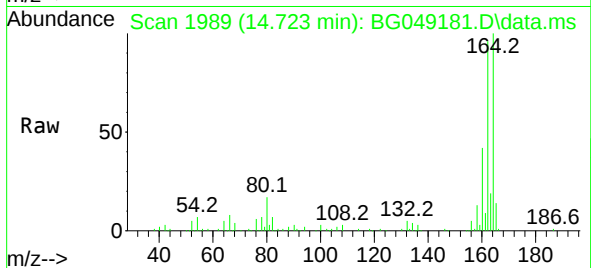




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.723 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

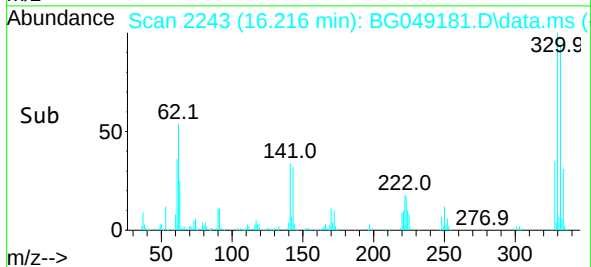
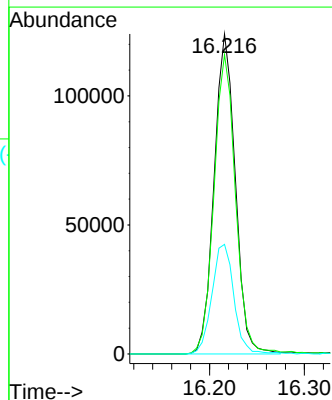
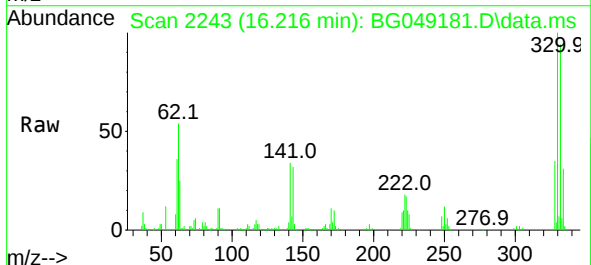
Instrument :
BNA_G
ClientSampleId :
PB137485BL

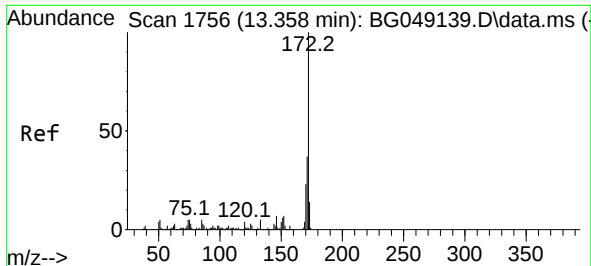
Tgt Ion:164 Resp: 90365
Ion Ratio Lower Upper
164 100
162 95.7 81.4 122.0
160 41.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 122.701 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.001 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

Tgt Ion:330 Resp: 192212
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 35.8 35.6 53.4

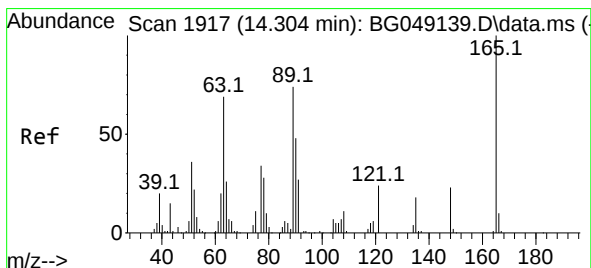
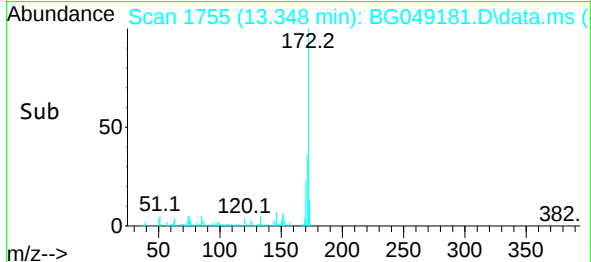
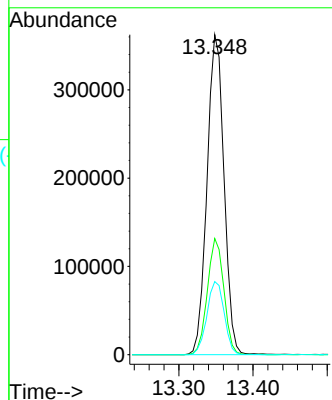
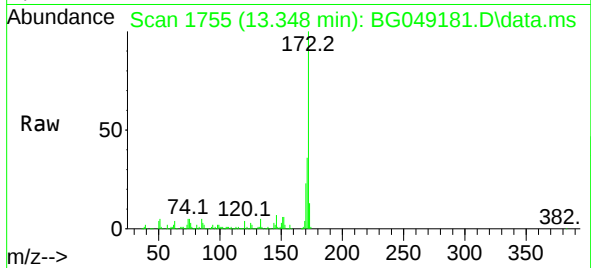




#45
2-Fluorobiphenyl
Concen: 86.067 ng
RT: 13.348 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

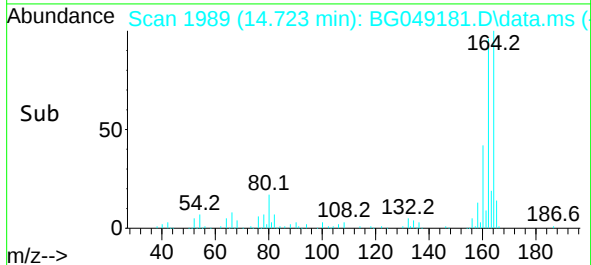
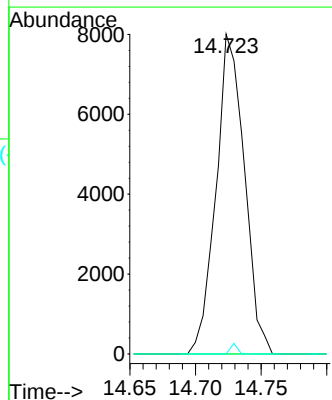
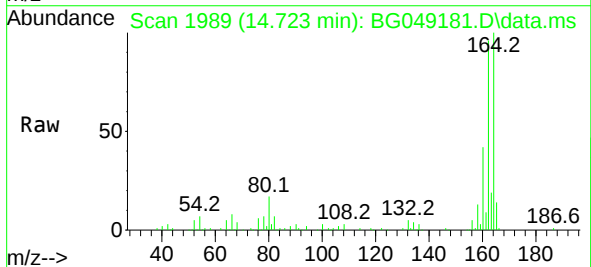
Instrument :
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ClientSampleId :
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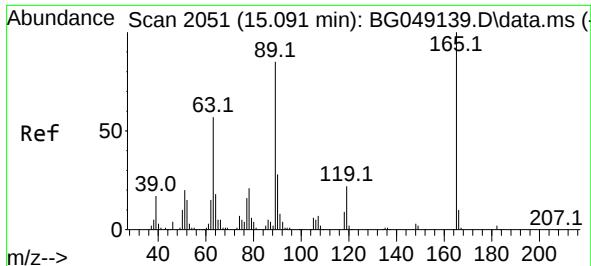
Tgt Ion:172 Resp: 576470
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 22.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.229 ng
RT: 14.723 min Scan# 1989
Delta R.T. 0.428 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

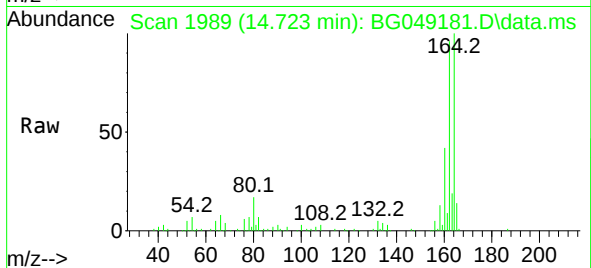
Tgt Ion:165 Resp: 12018
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



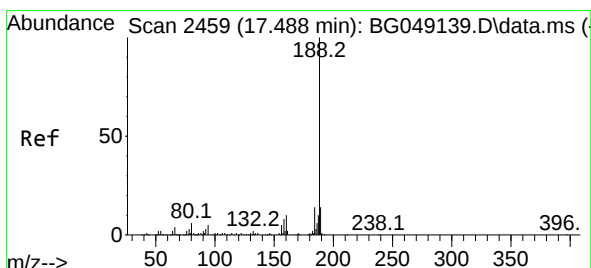
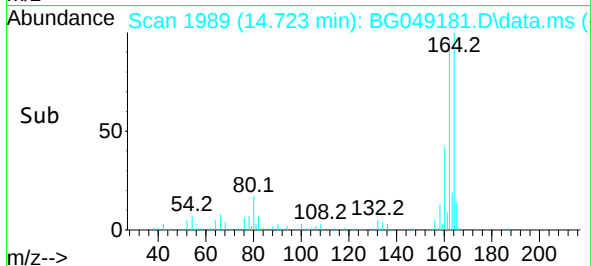
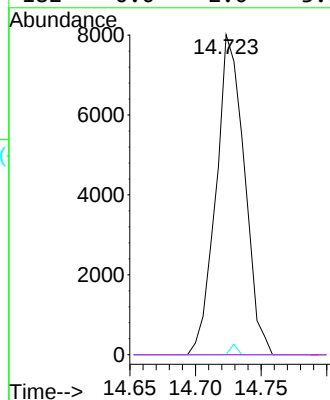


#57
2,4-Dinitrotoluene
Concen: 5.089 ng
RT: 14.723 min Scan# 1989
Delta R.T. -0.359 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

Instrument :
BNA_G
ClientSampleId :
PB137485BL

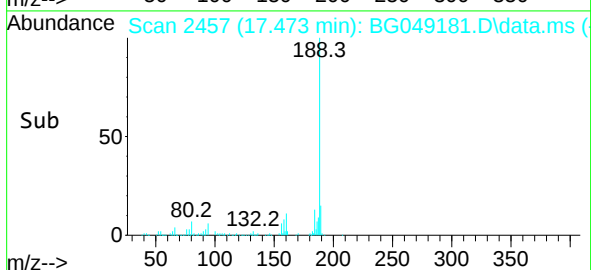
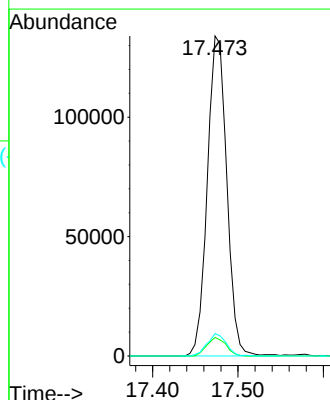
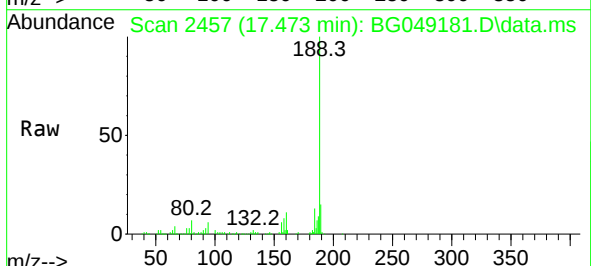


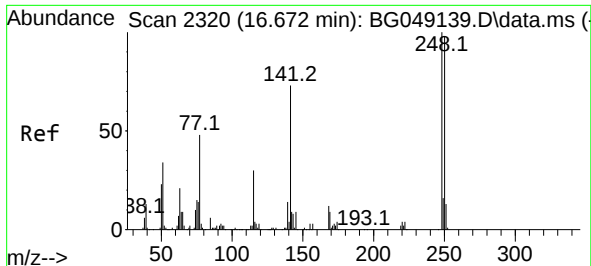
Tgt Ion:165 Resp: 12018
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.473 min Scan# 2457
Delta R.T. -0.006 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

Tgt Ion:188 Resp: 212277
Ion Ratio Lower Upper
188 100
94 5.8 5.4 8.0
80 7.0 3.7 5.5#

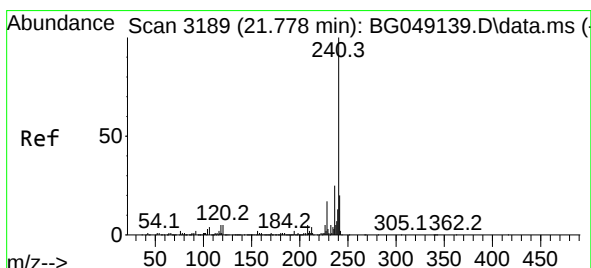
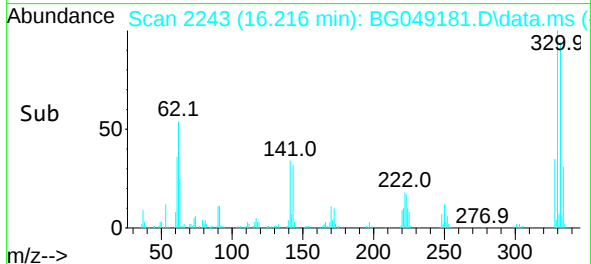
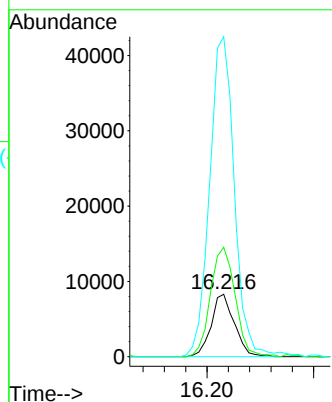
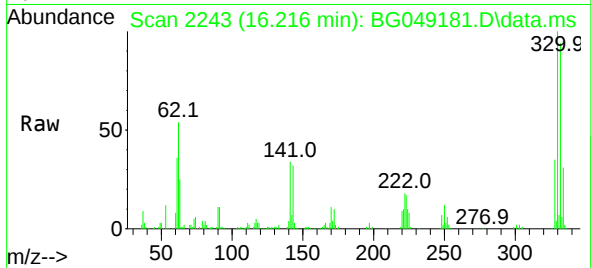




#67
4-Bromophenyl-phenylether
Concen: 4.375 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.447 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

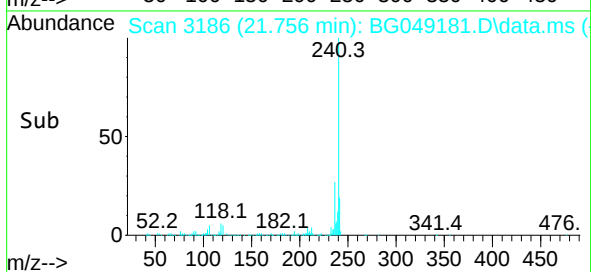
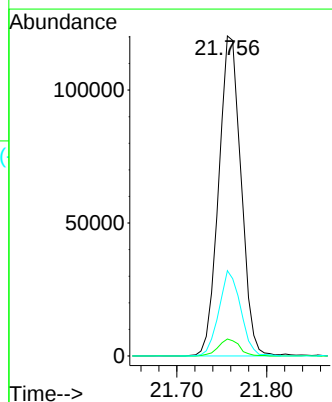
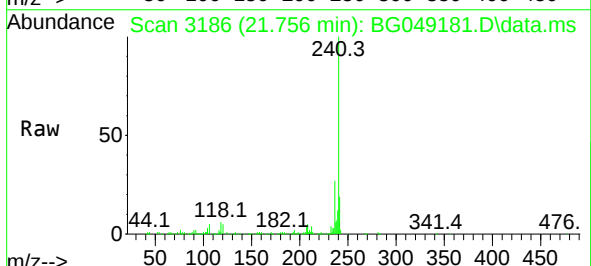
Instrument :
BNA_G
ClientSampleId :
PB137485BL

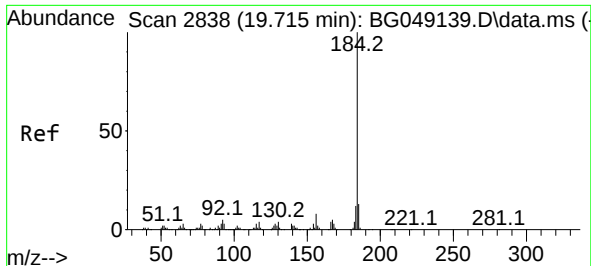
Tgt Ion:248 Resp: 12529
Ion Ratio Lower Upper
248 100
250 175.5 76.1 114.1#
141 513.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3186
Delta R.T. -0.006 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

Tgt Ion:240 Resp: 208067
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 26.7 21.8 32.6

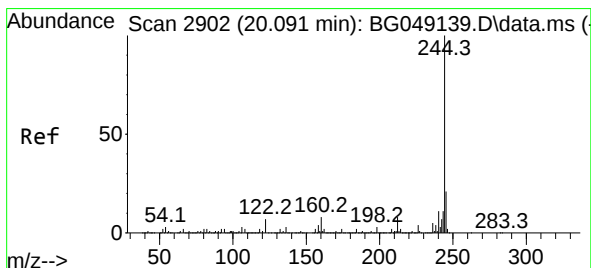
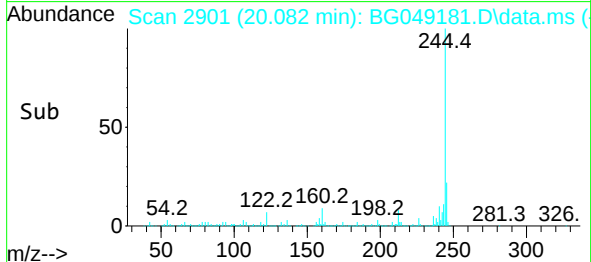
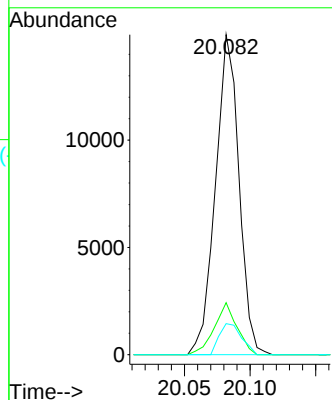
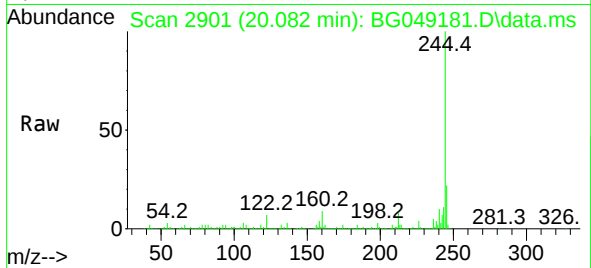




#77
Benzidine
Concen: 4.150 ng
RT: 20.082 min Scan# 2901
Delta R.T. 0.375 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

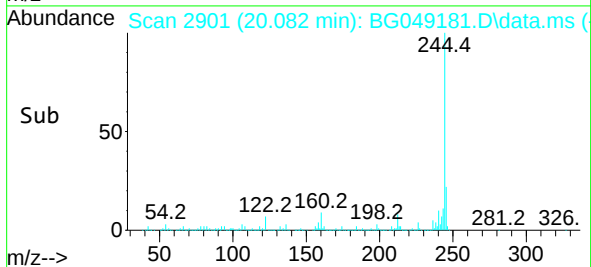
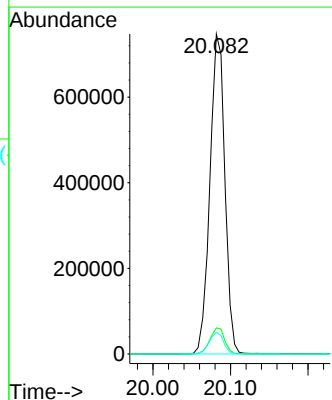
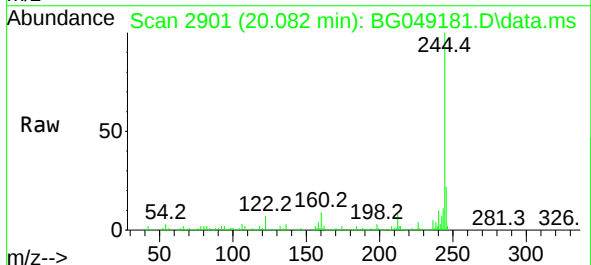
Instrument :
BNA_G
ClientSampleId :
PB137485BL

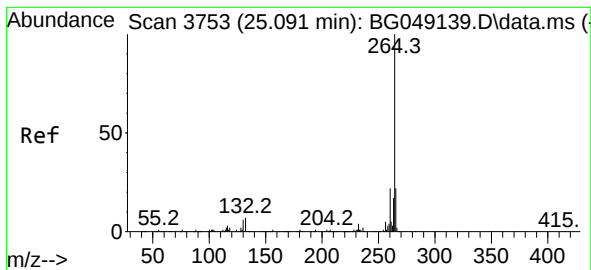
Tgt Ion:184 Resp: 18548
Ion Ratio Lower Upper
184 100
185 16.3 10.7 16.1#
183 9.7 9.4 14.0



#79
Terphenyl-d14
Concen: 81.467 ng
RT: 20.082 min Scan# 2901
Delta R.T. -0.001 min
Lab File: BG049181.D
Acq: 6 Jul 2021 10:21

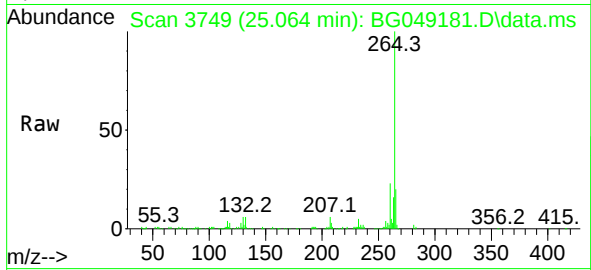
Tgt Ion:244 Resp: 1000318
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.8 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 3749
 Delta R.T. -0.001 min
 Lab File: BG049181.D
 Acq: 6 Jul 2021 10:21

Instrument :
 BNA_G
 ClientSampleId :
 PB137485BL



Tgt Ion:	264	Resp:	209420
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.4	29.2
265	20.0	16.9	25.3

