

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
 Data File : BG049076.D
 Acq On : 24 Jun 2021 11:01
 Operator : CG/JU
 Sample : PB137220BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137220BL

Quant Time: Jun 24 11:44:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

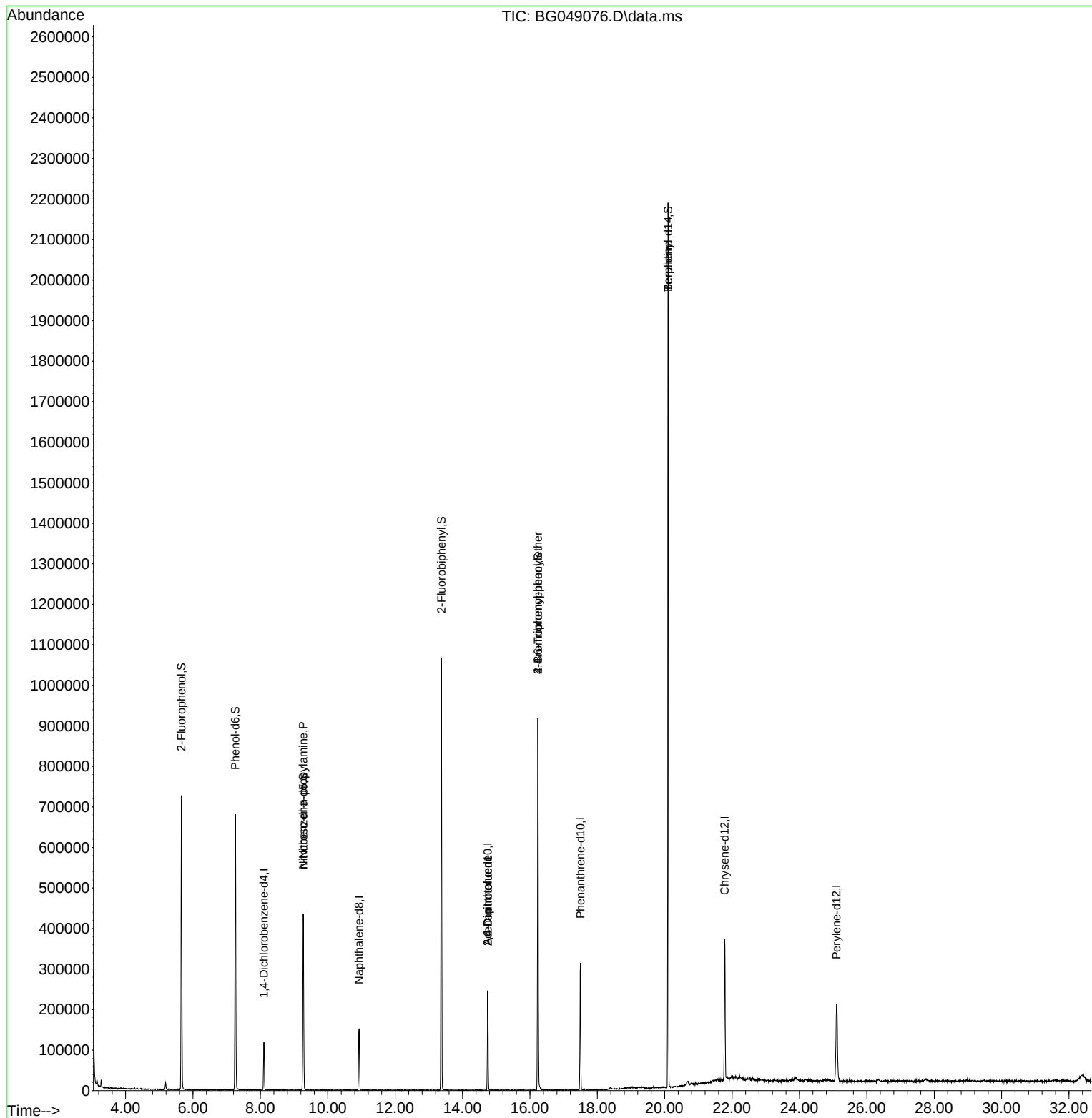
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	31295	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	125034	20.000	ng	# 0.00
39) Acenaphthene-d10	14.747	164	86482	20.000	ng	0.00
64) Phenanthrene-d10	17.497	188	204754	20.000	ng	# 0.00
76) Chrysene-d12	21.780	240	227744	20.000	ng	# 0.00
86) Perylene-d12	25.100	264	238058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	276563	137.568	ng	0.00
7) Phenol-d6	7.256	99	347936	115.472	ng	0.00
23) Nitrobenzene-d5	9.271	82	253565	87.446	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	181886	141.956	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	547863	89.492	ng	0.00
79) Terphenyl-d14	20.100	244	1073408	86.319	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.271	70	37190	15.790	ng	# 77
51) 2,6-Dinitrotoluene	14.747	165	11544	8.415	ng	# 11
57) 2,4-Dinitrotoluene	14.747	165	11544	6.851	ng	# 17
67) 4-Bromophenyl-phenylether	16.234	248	10924	4.273	ng	# 1
77) Benzidine	20.100	184	20523	4.473	ng	# 94

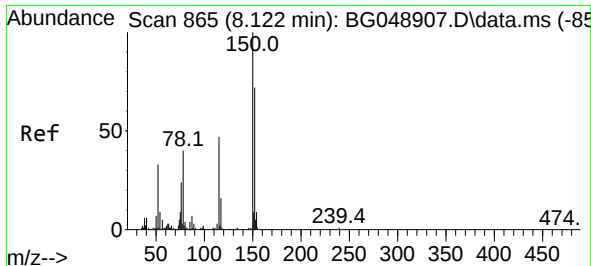
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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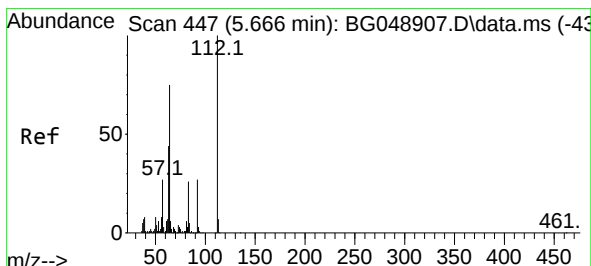
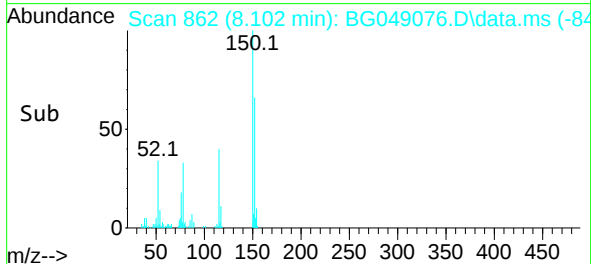
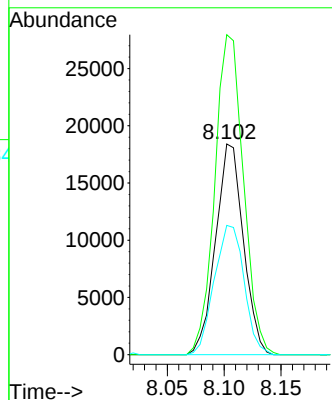
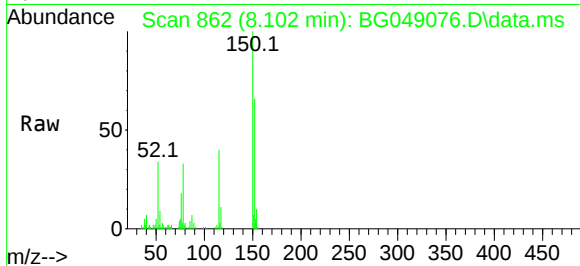




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 862
Delta R.T. -0.003 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

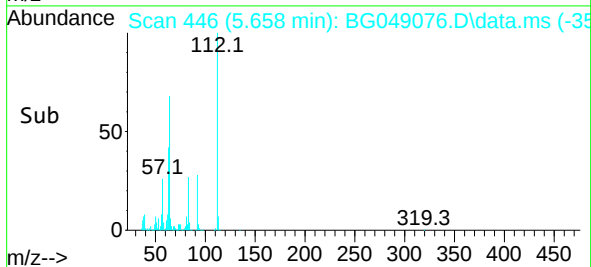
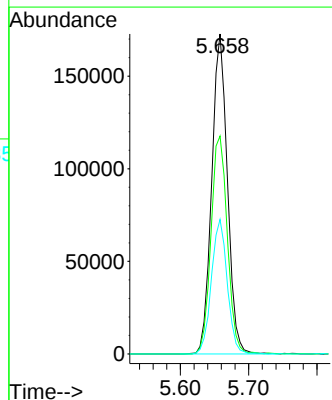
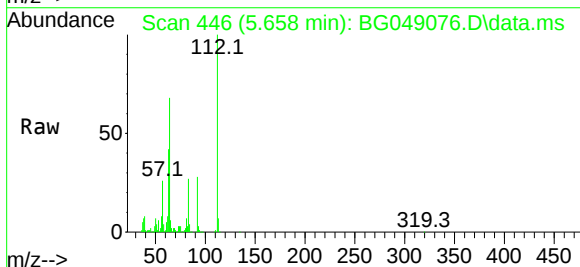
Instrument :
BNA_G
ClientSampleId :
PB137220BL

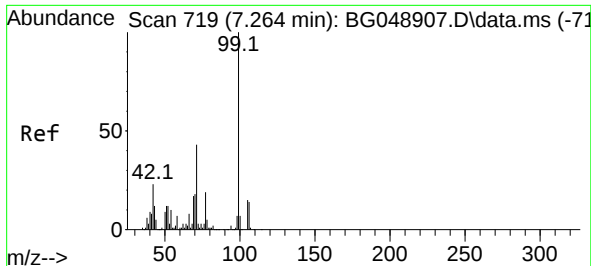
Tgt Ion:152 Resp: 31295
Ion Ratio Lower Upper
152 100
150 151.9 119.4 179.0
115 61.3 60.2 90.4



#5
2-Fluorophenol
Concen: 137.568 ng
RT: 5.658 min Scan# 446
Delta R.T. 0.003 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

Tgt Ion:112 Resp: 276563
Ion Ratio Lower Upper
112 100
64 68.1 46.7 70.1
63 42.1 35.3 52.9

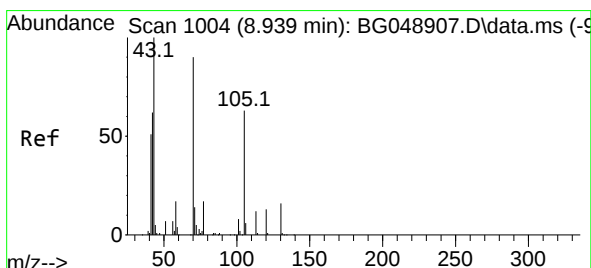
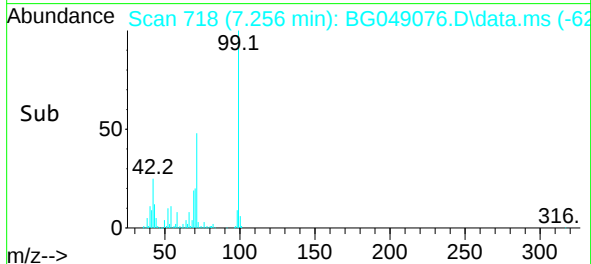
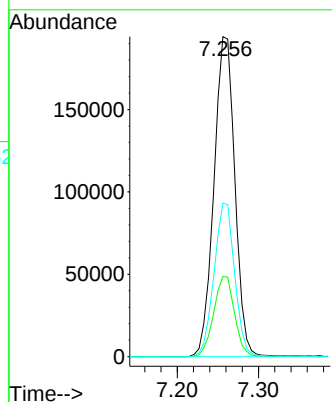
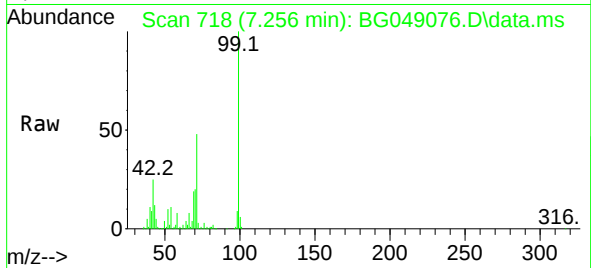




#7
Phenol-d6
Concen: 115.472 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

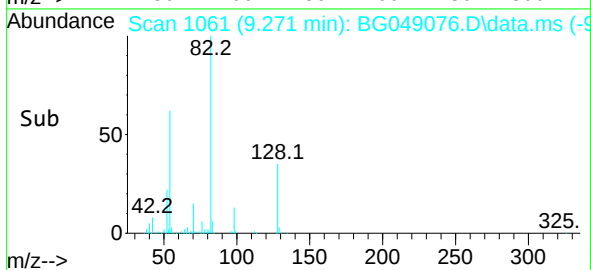
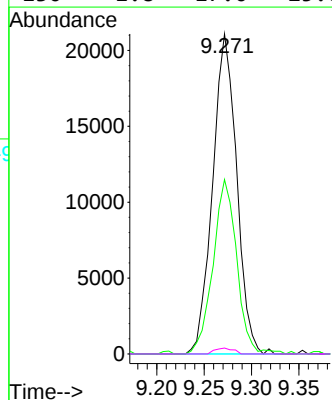
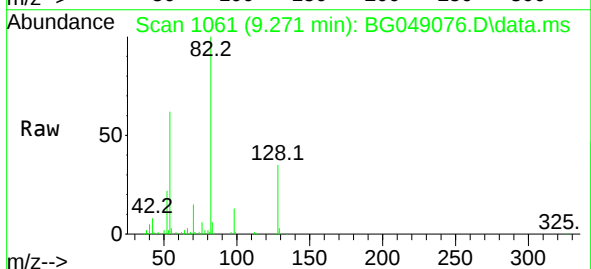
Instrument :
BNA_G
ClientSampleId :
PB137220BL

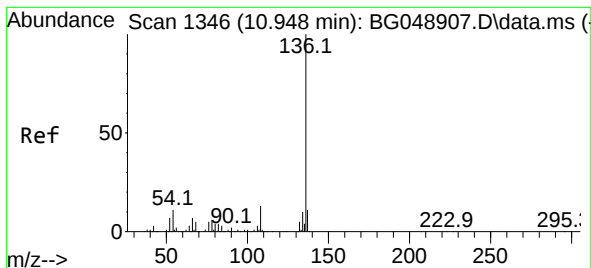
Tgt Ion: 99 Resp: 347936
Ion Ratio Lower Upper
99 100
42 25.1 20.5 30.7
71 48.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.790 ng
RT: 9.271 min Scan# 1061
Delta R.T. 0.361 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

Tgt Ion: 70 Resp: 37190
Ion Ratio Lower Upper
70 100
42 54.5 54.5 81.7
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

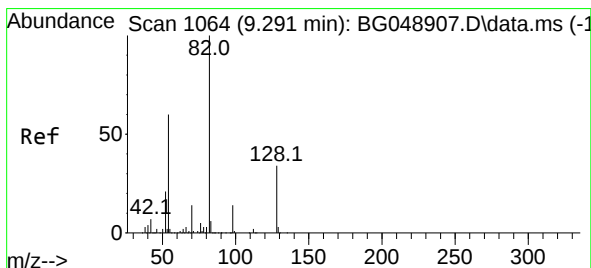
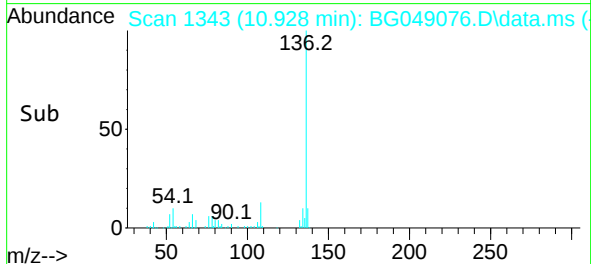
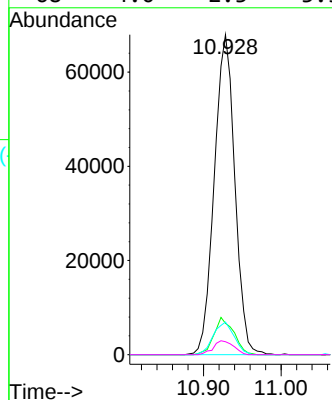
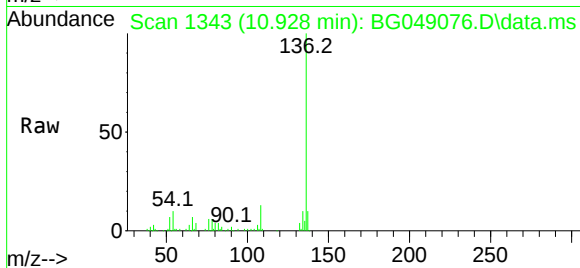




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1343
Delta R.T. 0.003 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

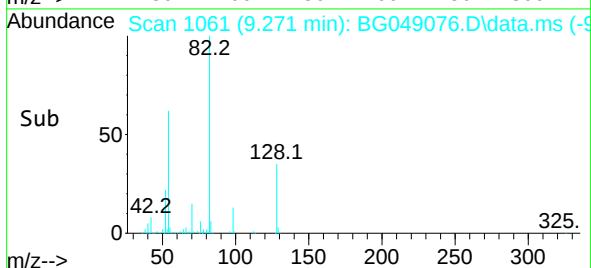
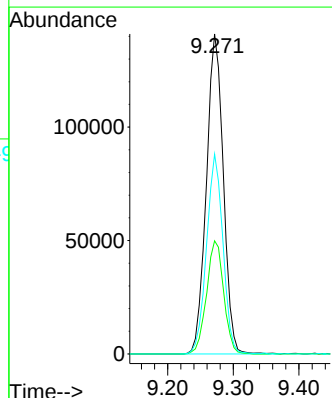
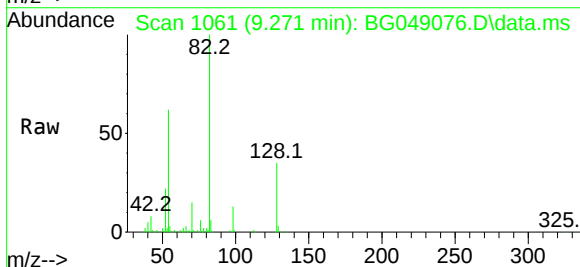
Instrument :
BNA_G
ClientSampleId :
PB137220BL

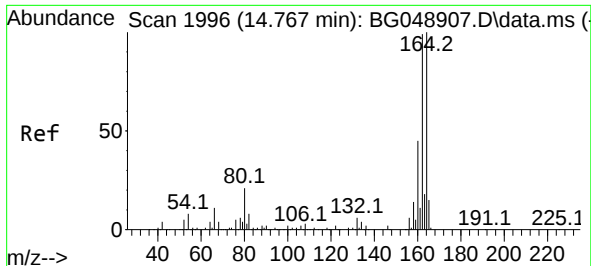
Tgt Ion:136	Resp:	125034
Ion Ratio	Lower	Upper
136	100	
137	9.8	8.2 12.2
54	10.2	5.5 8.3#
68	4.0	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 87.446 ng
RT: 9.271 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

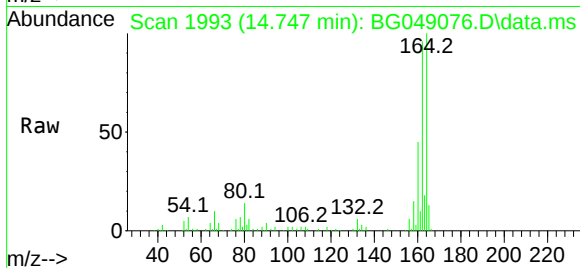
Tgt Ion: 82	Resp:	253565
Ion Ratio	Lower	Upper
82	100	
128	35.4	29.8 44.6
54	62.5	45.8 68.8



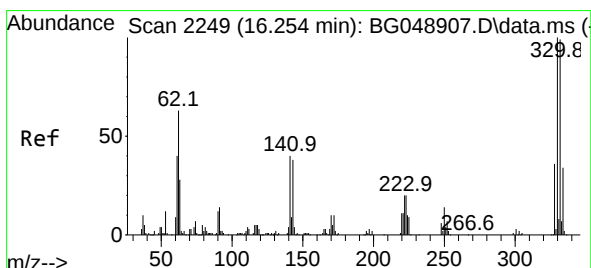
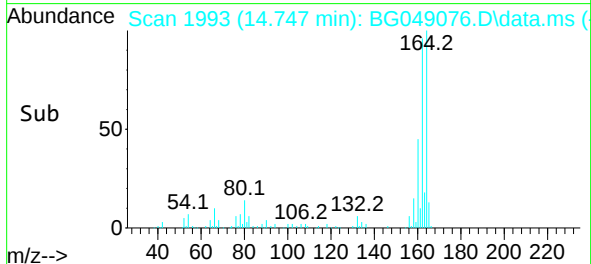
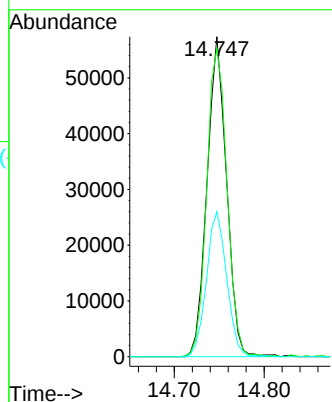


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.747 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

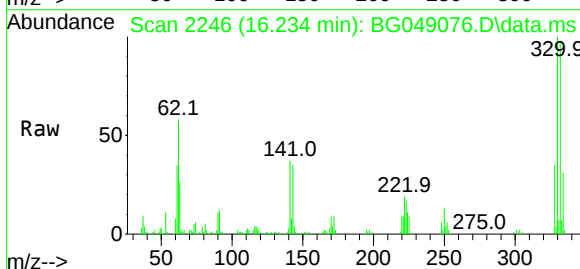
Instrument :
BNA_G
ClientSampleId :
PB137220BL



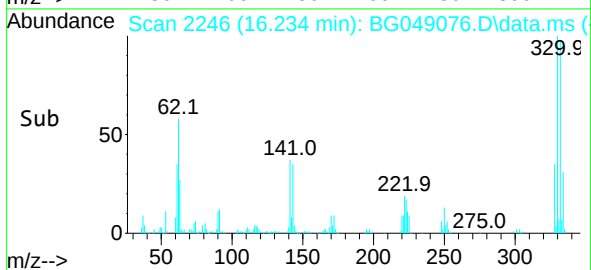
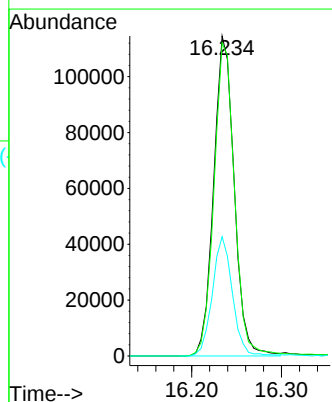
Tgt Ion:164 Resp: 86482
Ion Ratio Lower Upper
164 100
162 96.3 81.4 122.0
160 45.3 34.9 52.3

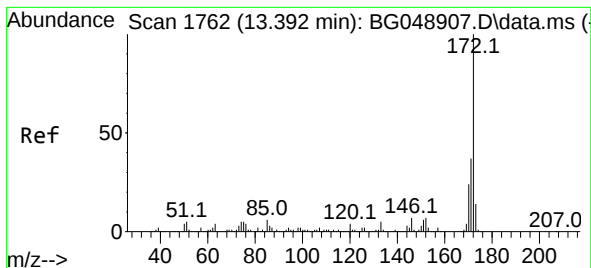


#42
2,4,6-Tribromophenol
Concen: 141.956 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.003 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01



Tgt Ion:330 Resp: 181886
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 36.3 35.6 53.4

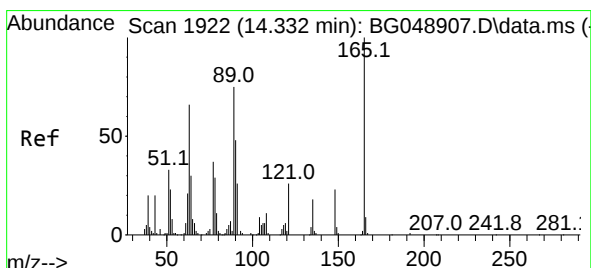
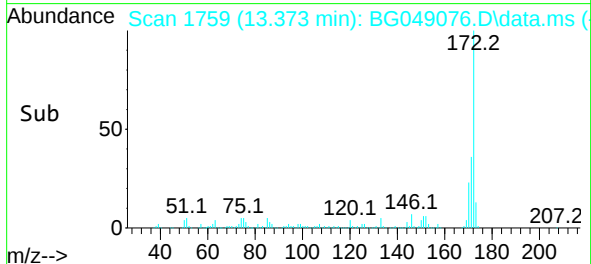
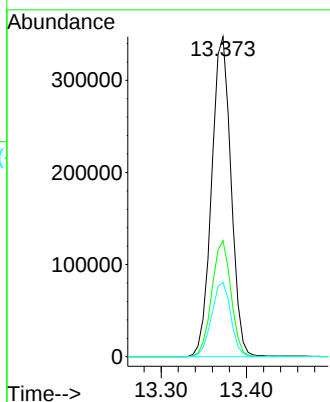
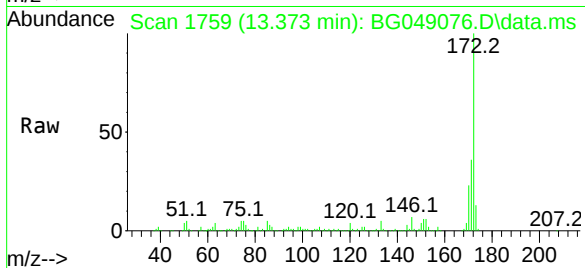




#45
2-Fluorobiphenyl
Concen: 89.492 ng
RT: 13.373 min Scan# 1759
Delta R.T. 0.003 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

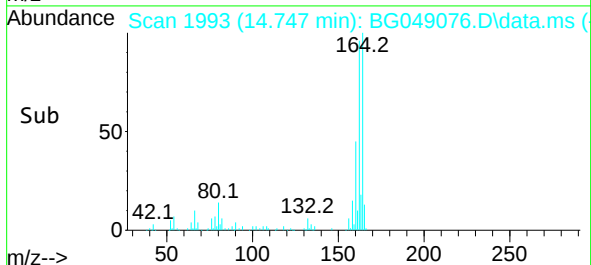
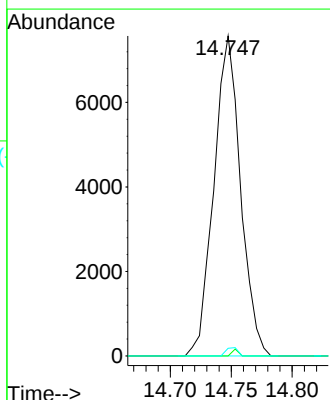
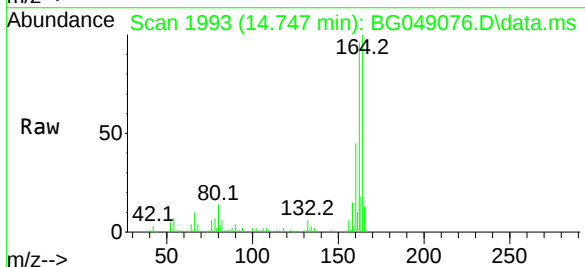
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ClientSampleId :
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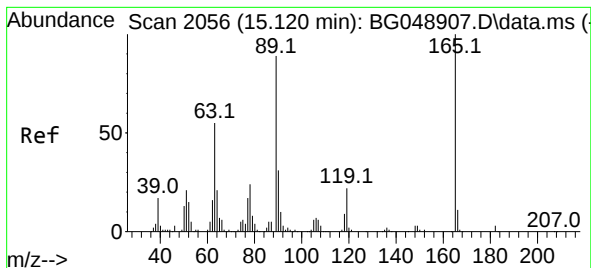
Tgt Ion:172 Resp: 547863
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.415 ng
RT: 14.747 min Scan# 1993
Delta R.T. 0.432 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

Tgt Ion:165 Resp: 11544
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.4 63.4 95.0#

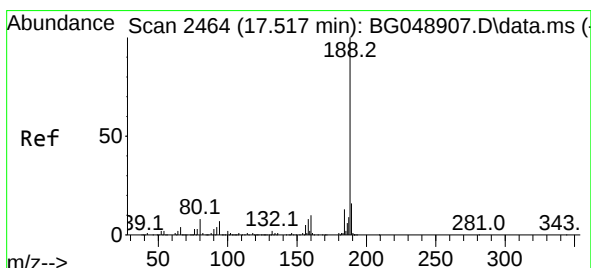
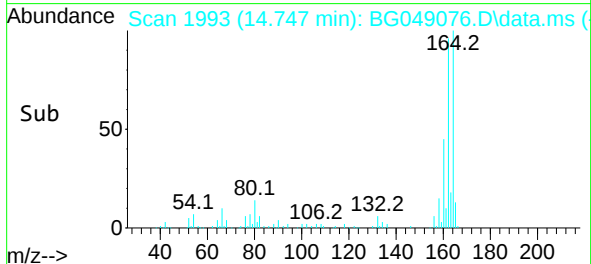
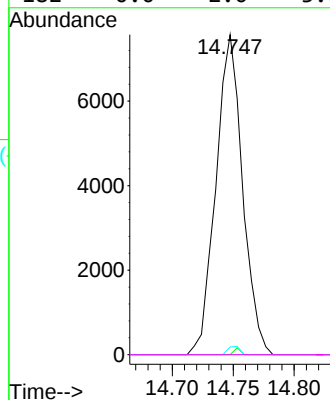
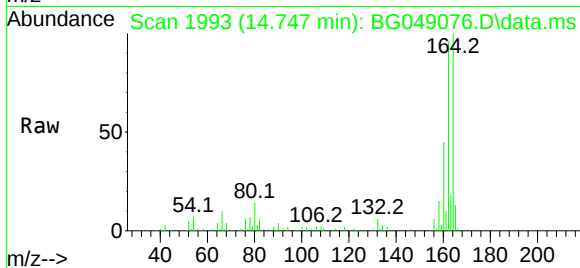




#57
2,4-Dinitrotoluene
Concen: 6.851 ng
RT: 14.747 min Scan# 1993
Delta R.T. -0.356 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

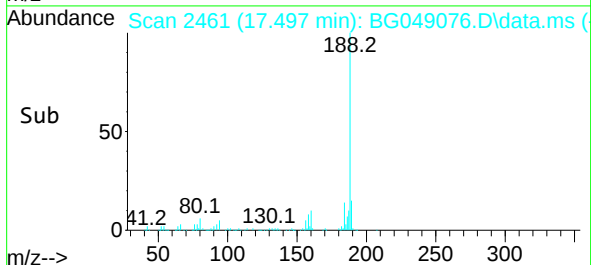
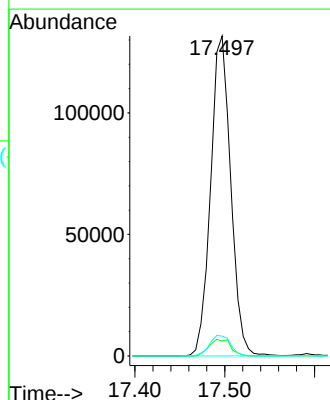
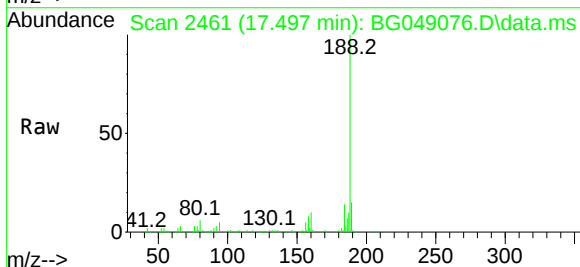
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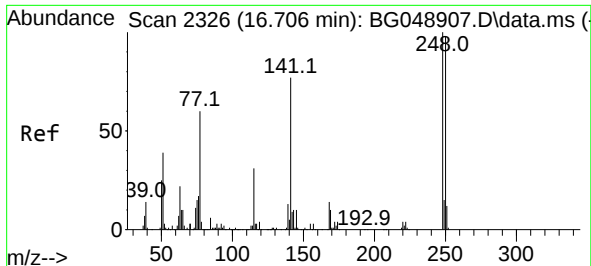
Tgt Ion:165	Resp:	11544
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	2.4	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

Tgt Ion:188	Resp:	204754
Ion Ratio	Lower	Upper
188	100	
94	4.7	5.4 8.0#
80	6.2	3.7 5.5#

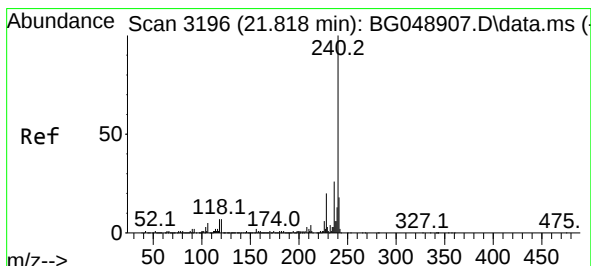
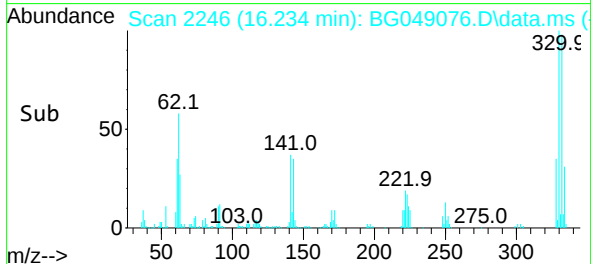
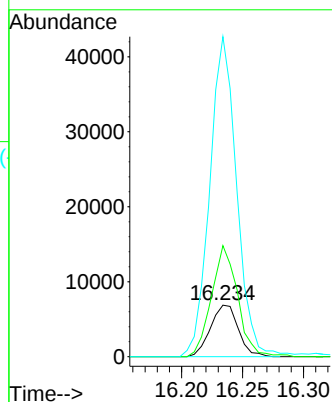
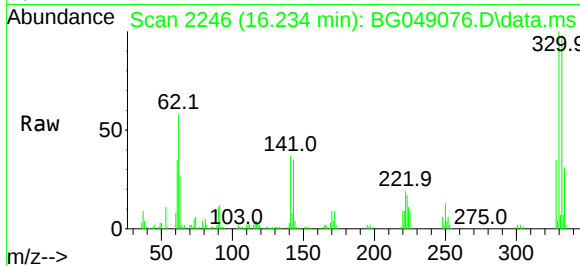




#67
4-Bromophenyl-phenylether
Concen: 4.273 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.450 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

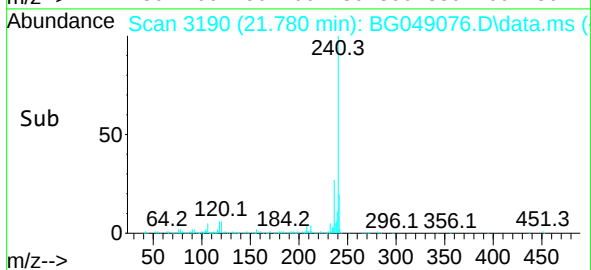
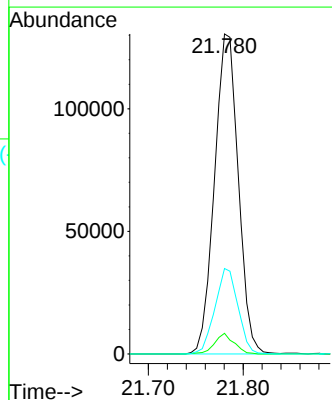
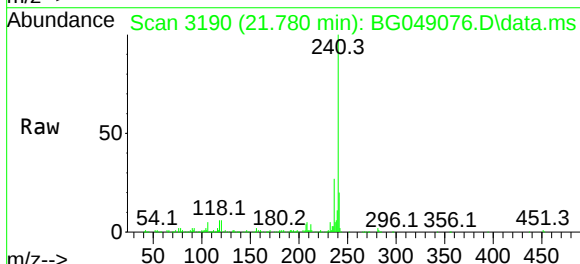
Instrument :
BNA_G
ClientSampled :
PB137220BL

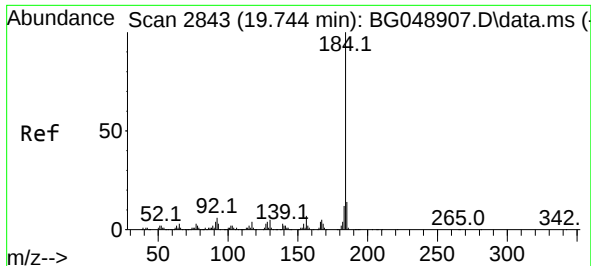
Tgt Ion:248 Resp: 10924
Ion Ratio Lower Upper
248 100
250 215.7 76.1 114.1#
141 621.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.780 min Scan# 3190
Delta R.T. -0.009 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

Tgt Ion:240 Resp: 227744
Ion Ratio Lower Upper
240 100
120 6.5 4.2 6.2#
236 26.7 21.8 32.6

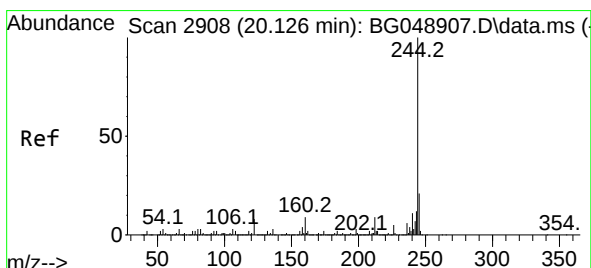
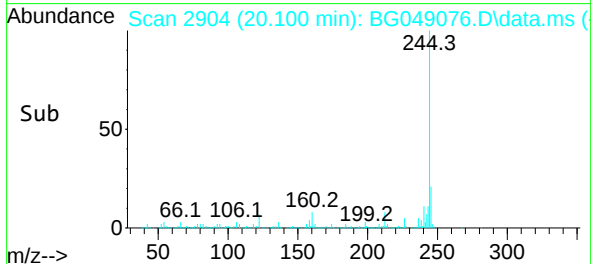
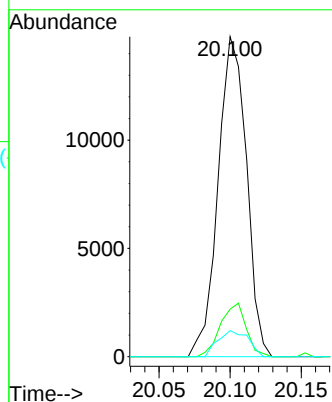
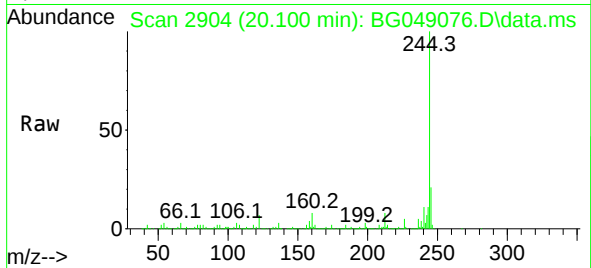




#77
Benzidine
Concen: 4.473 ng
RT: 20.100 min Scan# 2904
Delta R.T. 0.379 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

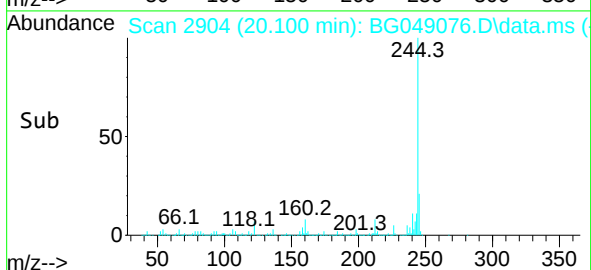
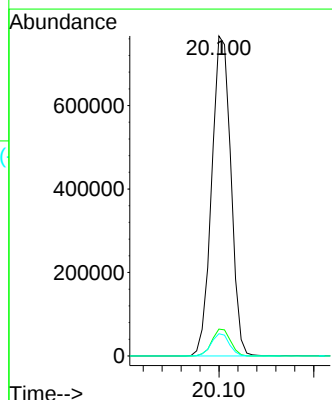
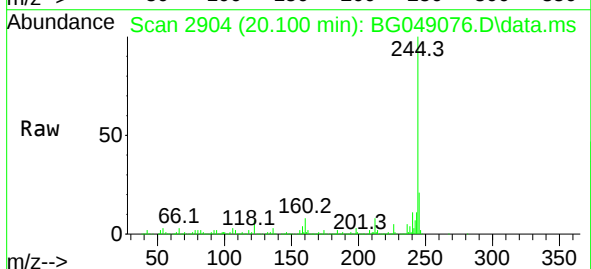
Instrument :
BNA_G
ClientSampleId :
PB137220BL

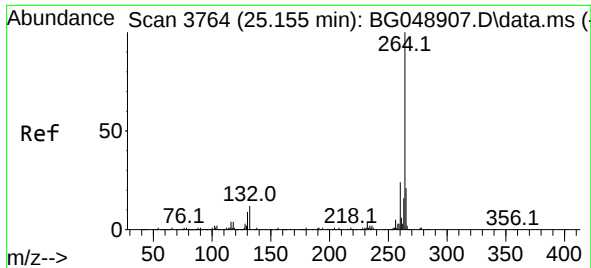
Tgt Ion:184 Resp: 20523
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 8.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 86.319 ng
RT: 20.100 min Scan# 2904
Delta R.T. -0.003 min
Lab File: BG049076.D
Acq: 24 Jun 2021 11:01

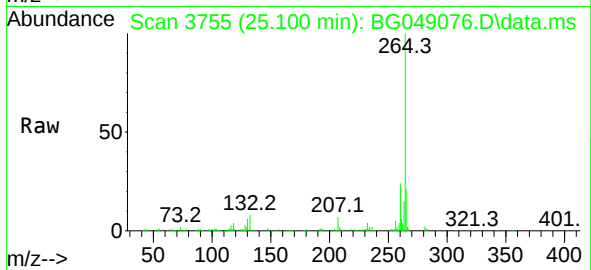
Tgt Ion:244 Resp: 1073408
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.9 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.100 min Scan# 3755
 Delta R.T. -0.003 min
 Lab File: BG049076.D
 Acq: 24 Jun 2021 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB137220BL



Tgt Ion:264	Resp:	238058
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.4 29.2
265	21.3	16.9 25.3

