

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062121\
 Data File : BG049029.D
 Acq On : 21 Jun 2021 12:15
 Operator : CG/JU
 Sample : PB137219BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137219BL

Quant Time: Jun 21 13:28:57 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)

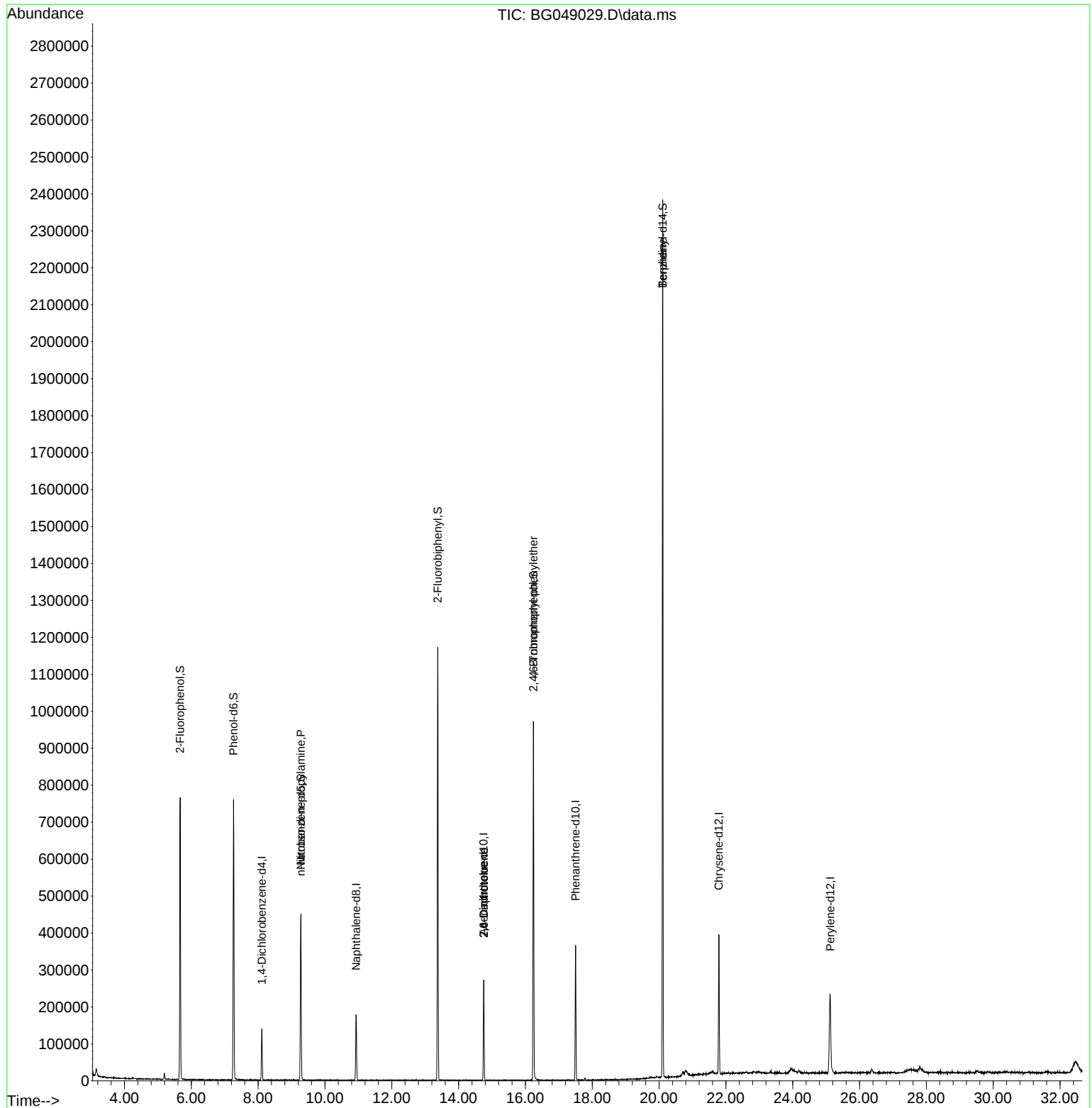
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.112	152	36840	20.000	ng	0.00
21) Naphthalene-d8	10.932	136	144471	20.000	ng	# 0.00
39) Acenaphthene-d10	14.751	164	100832	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	233603	20.000	ng	# 0.00
76) Chrysene-d12	21.790	240	245063	20.000	ng	0.00
86) Perylene-d12	25.121	264	246691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	300264	126.877	ng	0.00
7) Phenol-d6	7.266	99	384375	108.365	ng	0.00
23) Nitrobenzene-d5	9.281	82	273176	81.534	ng	0.00
42) 2,4,6-Tribromophenol	16.243	330	184780	123.691	ng	0.00
45) 2-Fluorobiphenyl	13.376	172	584732	81.921	ng	0.00
79) Terphenyl-d14	20.109	244	1121892	83.842	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.275	70	40954	14.771	ng	# 70
51) 2,6-Dinitrotoluene	14.757	165	13383	8.367	ng	# 11
57) 2,4-Dinitrotoluene	14.757	165	13383	6.812	ng	# 16
67) 4-Bromophenyl-phenylether	16.237	248	11407	3.911	ng	# 1
77) Benzidine	20.109	184	21409	4.337	ng	# 95

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

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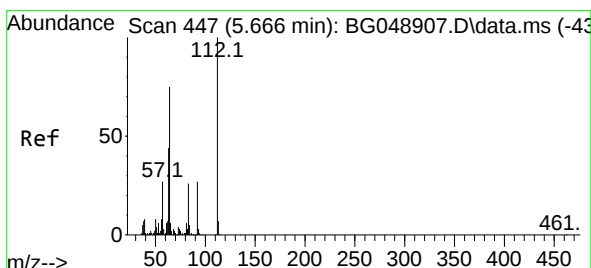
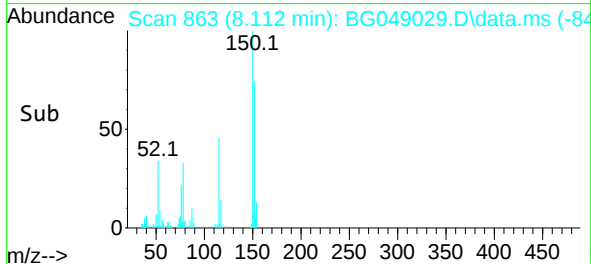
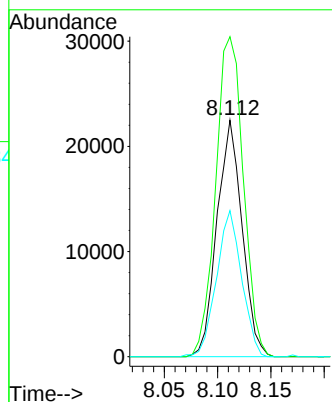
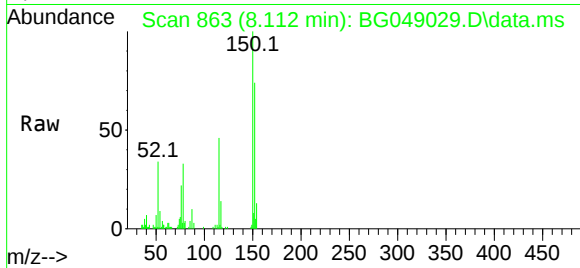




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.112 min Scan# 863
Delta R.T. -0.002 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

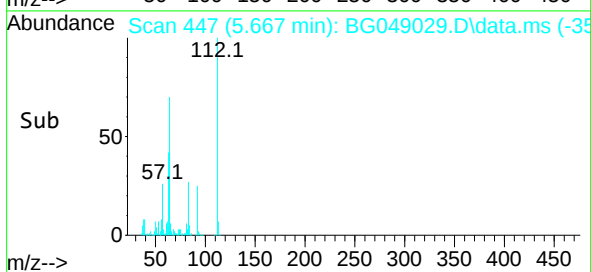
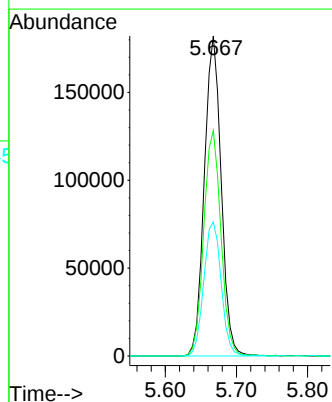
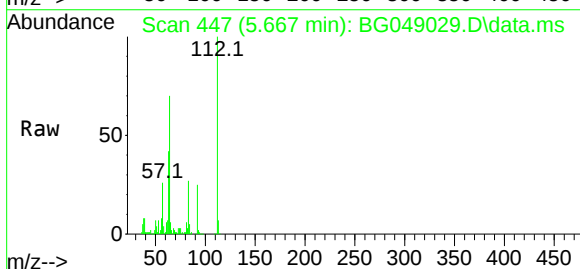
Instrument :
BNA_G
ClientSampleId :
PB137219BL

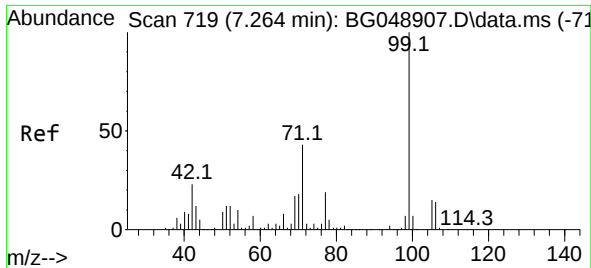
Tgt Ion:152 Resp: 36840
Ion Ratio Lower Upper
152 100
150 135.3 119.4 179.0
115 61.7 60.2 90.4



#5
2-Fluorophenol
Concen: 126.877 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.004 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

Tgt Ion:112 Resp: 300264
Ion Ratio Lower Upper
112 100
64 70.5 46.7 70.1#
63 41.9 35.3 52.9

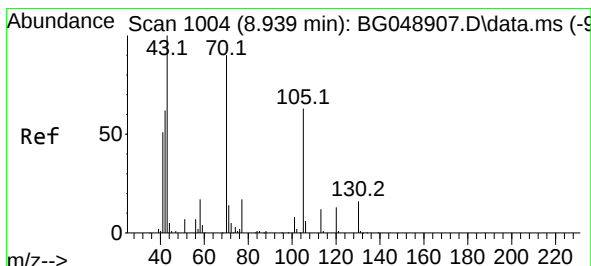
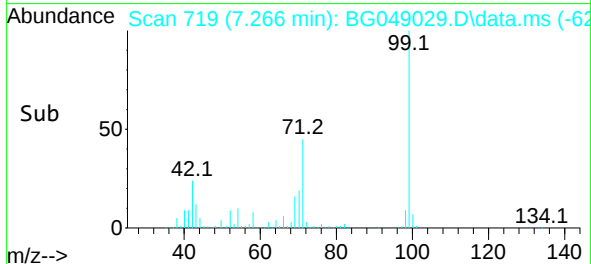
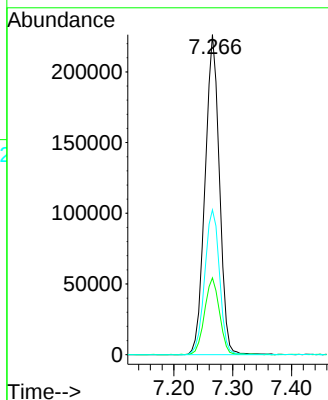
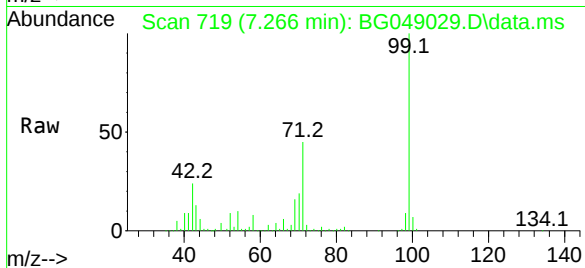




#7
Phenol-d6
Concen: 108.365 ng
RT: 7.266 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

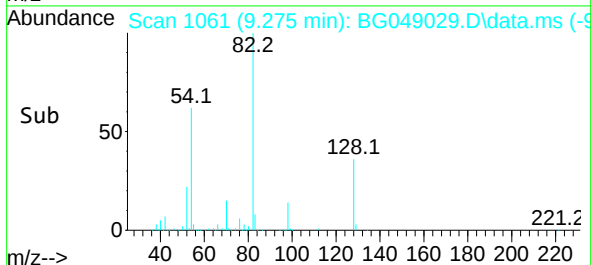
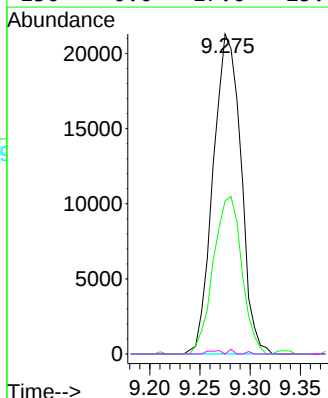
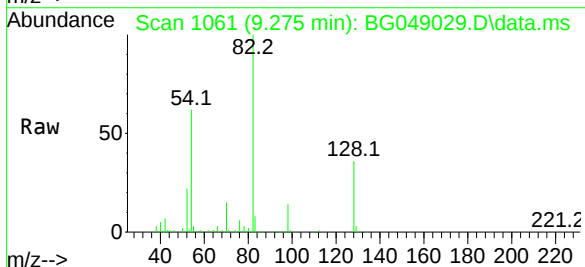
Instrument :
BNA_G
ClientSampleId :
PB137219BL

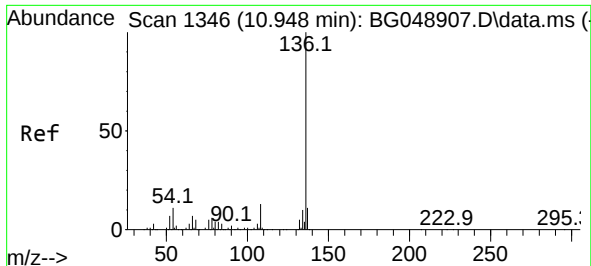
Tgt Ion: 99 Resp: 384375
Ion Ratio Lower Upper
99 100
42 24.0 20.5 30.7
71 45.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.771 ng
RT: 9.275 min Scan# 1061
Delta R.T. 0.351 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

Tgt Ion: 70 Resp: 40954
Ion Ratio Lower Upper
70 100
42 47.9 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

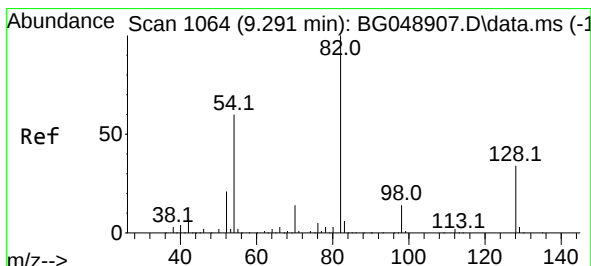
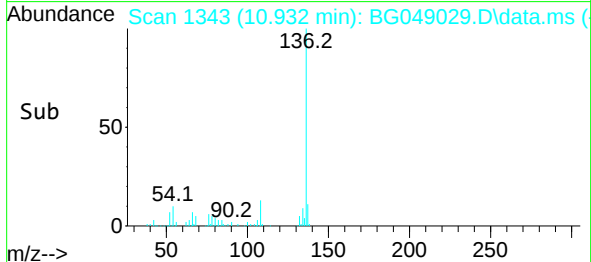
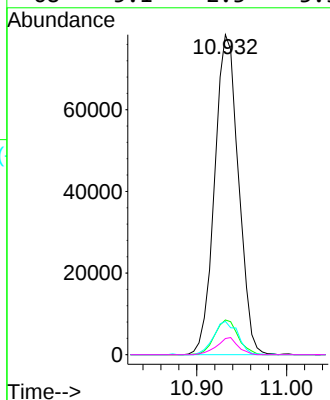
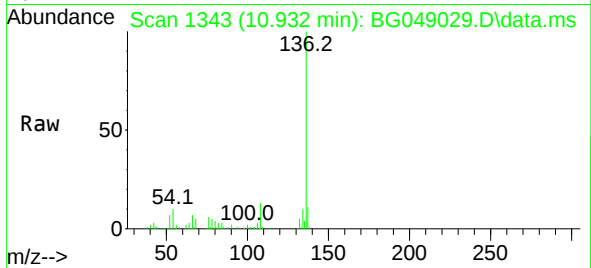




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.932 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

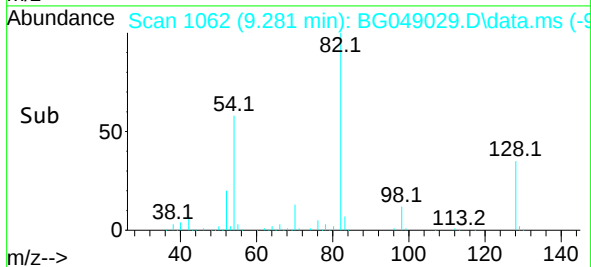
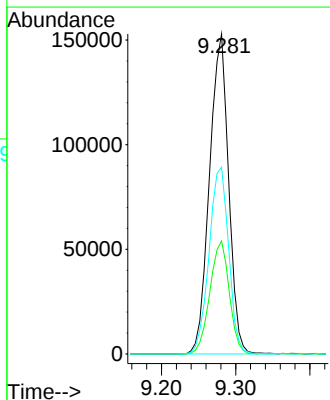
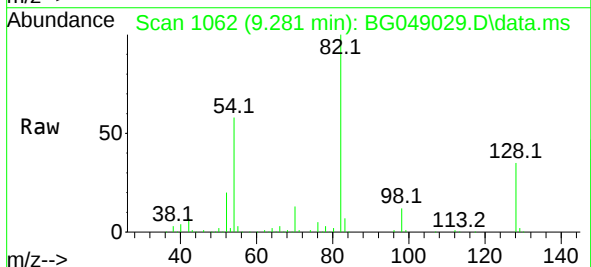
Instrument :
BNA_G
ClientSampleId :
PB137219BL

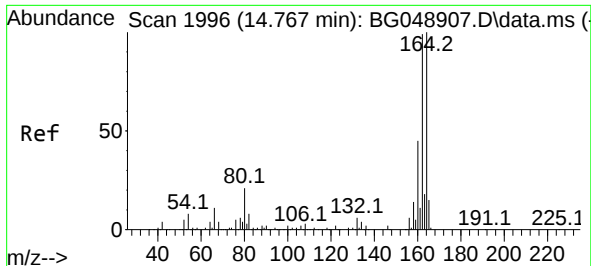
Tgt Ion:	136	Resp:	144471
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.2
54	10.4	5.5	8.3#
68	5.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 81.534 ng
RT: 9.281 min Scan# 1062
Delta R.T. -0.002 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

Tgt Ion:	82	Resp:	273176
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.8	44.6
54	58.4	45.8	68.8

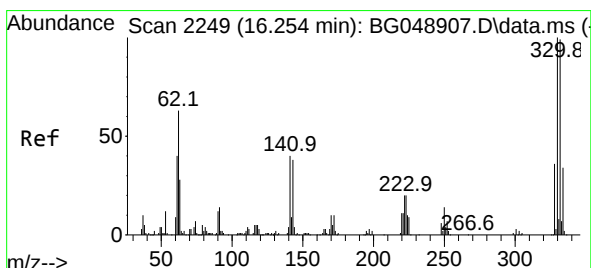
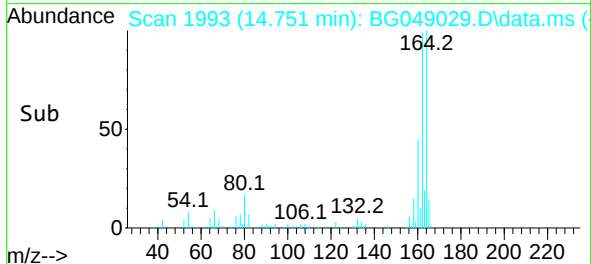
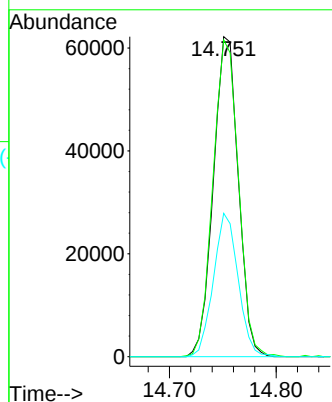
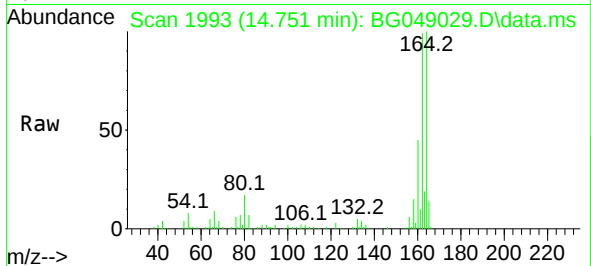




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.751 min Scan# 1993
Delta R.T. -0.008 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

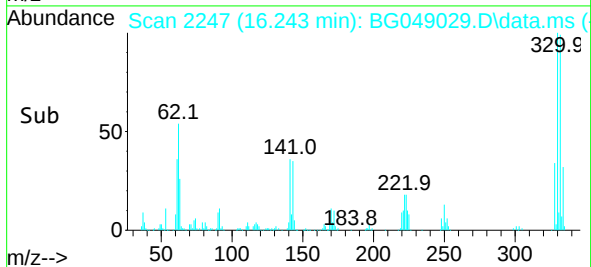
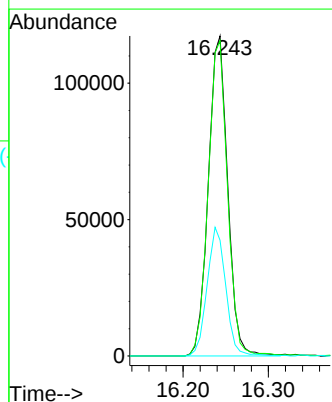
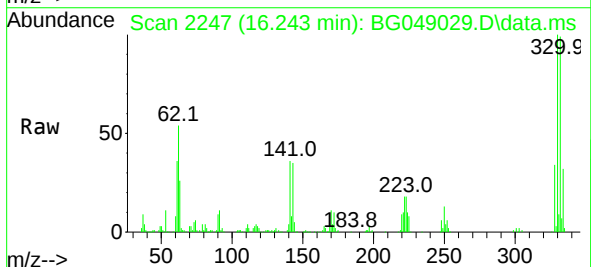
Instrument :
BNA_G
ClientSampleId :
PB137219BL

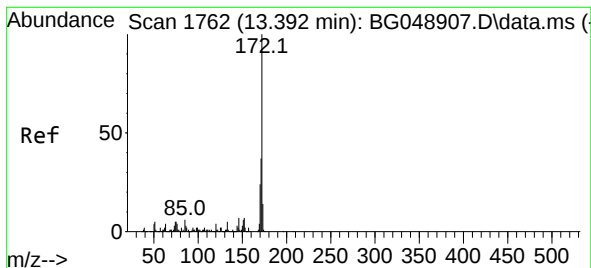
Tgt Ion:164 Resp: 100832
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 44.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 123.691 ng
RT: 16.243 min Scan# 2247
Delta R.T. -0.002 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

Tgt Ion:330 Resp: 184780
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 38.8 35.6 53.4

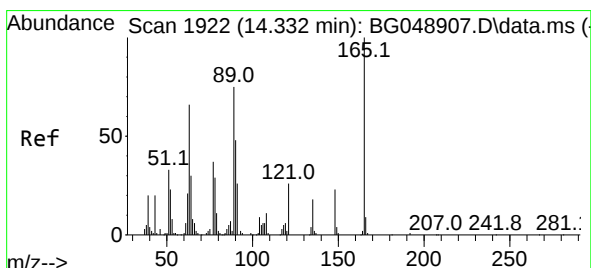
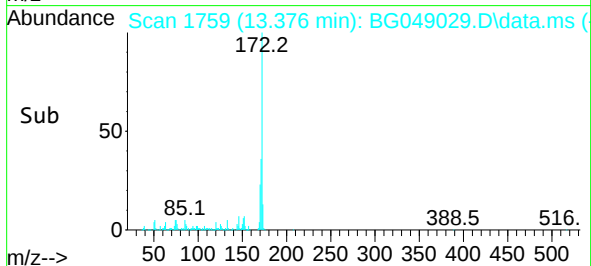
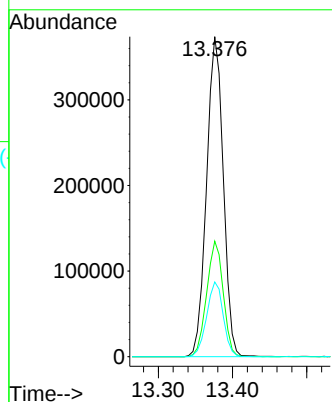
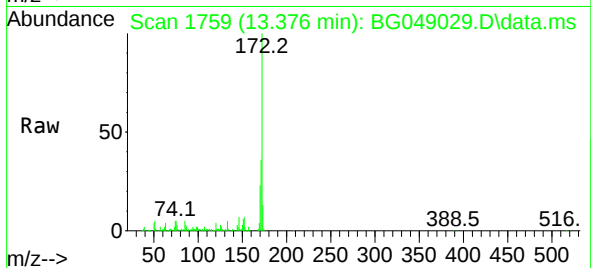




#45
2-Fluorobiphenyl
Concen: 81.921 ng
RT: 13.376 min Scan# 1759
Delta R.T. -0.008 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

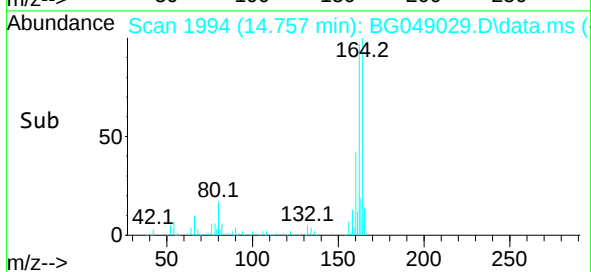
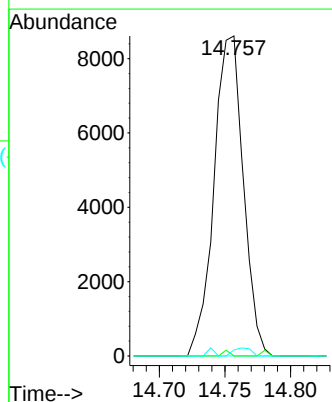
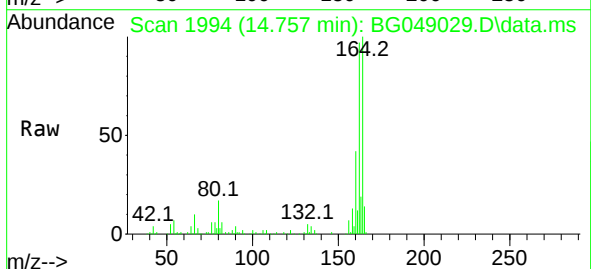
Instrument :
BNA_G
ClientSampleId :
PB137219BL

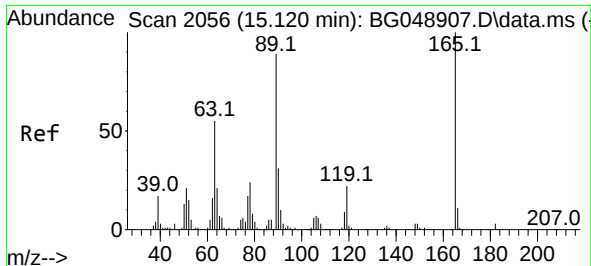
Tgt Ion:172 Resp: 584732
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.367 ng
RT: 14.757 min Scan# 1994
Delta R.T. 0.433 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

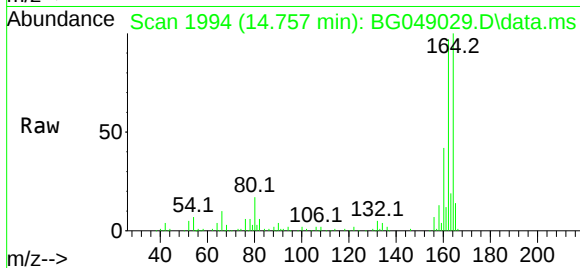
Tgt Ion:165 Resp: 13383
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 1.8 63.4 95.0#



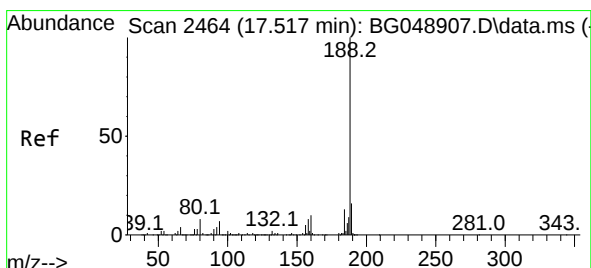
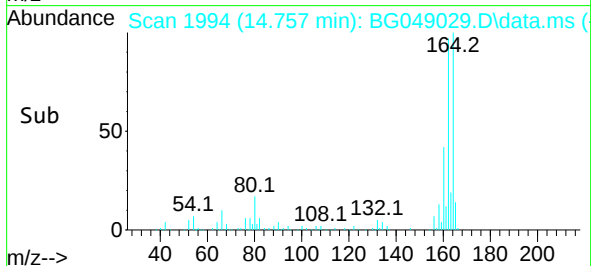
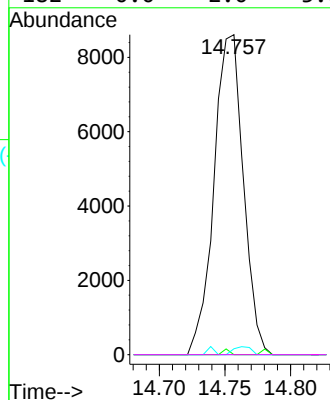


#57
2,4-Dinitrotoluene
Concen: 6.812 ng
RT: 14.757 min Scan# 1994
Delta R.T. -0.354 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

Instrument :
BNA_G
ClientSampleId :
PB137219BL

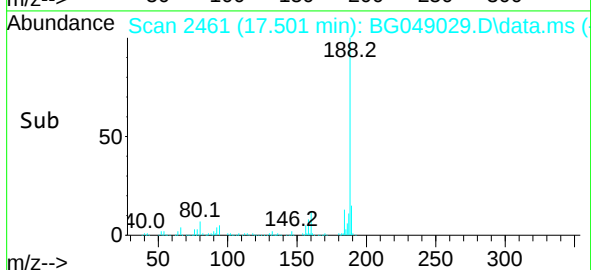
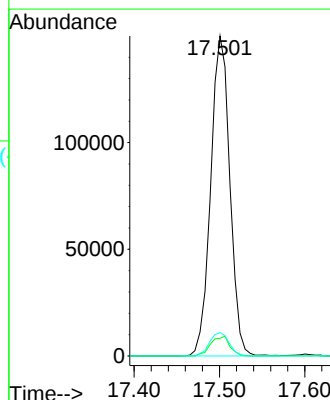
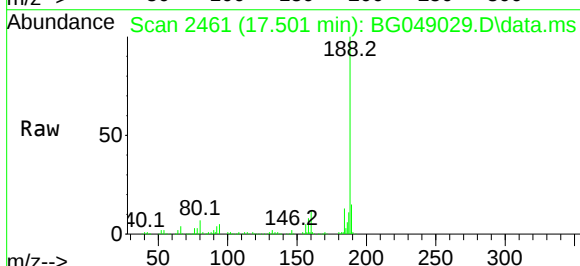


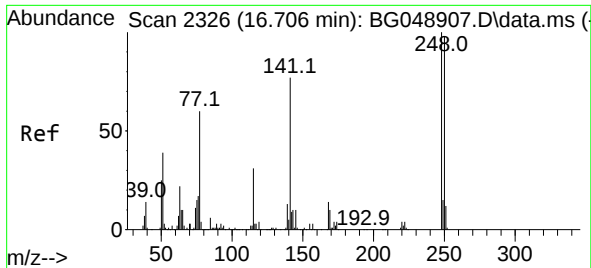
Tgt Ion:165 Resp: 13383
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 1.8 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2461
Delta R.T. -0.008 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

Tgt Ion:188 Resp: 233603
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 7.3 3.7 5.5#

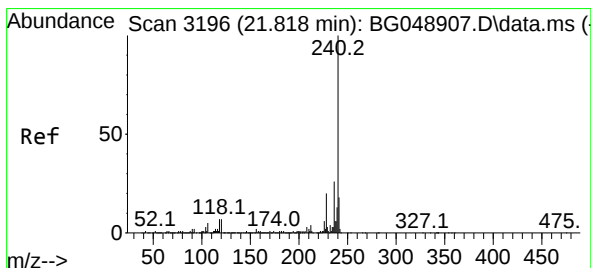
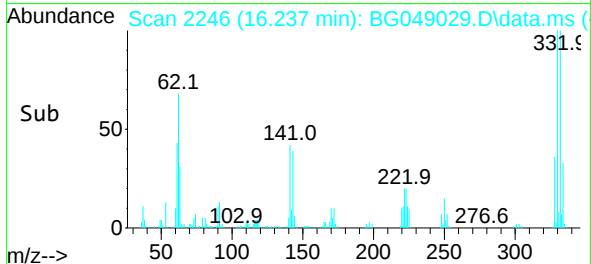
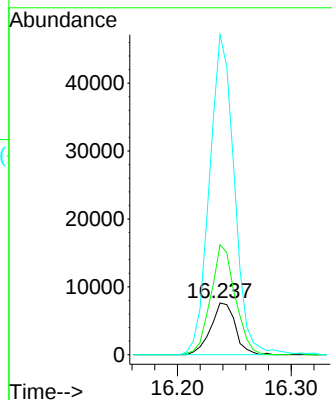
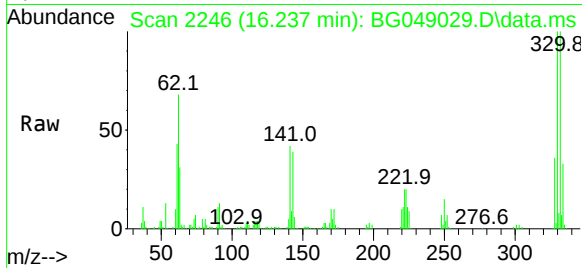




#67
4-Bromophenyl-phenylether
Concen: 3.911 ng
RT: 16.237 min Scan# 2246
Delta R.T. -0.454 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

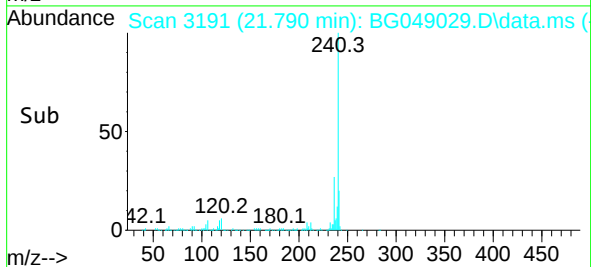
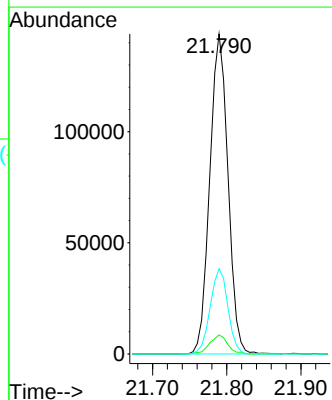
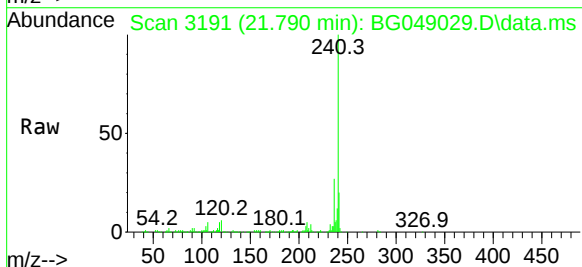
Instrument :
BNA_G
ClientSampled :
PB137219BL

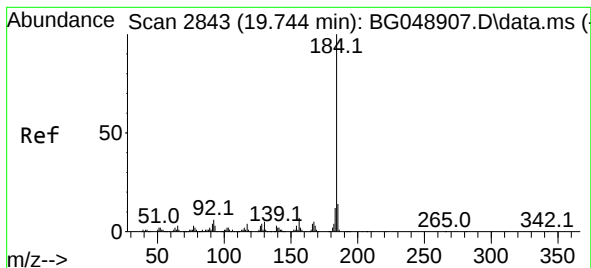
Tgt Ion:248 Resp: 11407
Ion Ratio Lower Upper
248 100
250 212.9 76.1 114.1#
141 619.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.790 min Scan# 3191
Delta R.T. -0.008 min
Lab File: BG049029.D
Acq: 21 Jun 2021 12:15

Tgt Ion:240 Resp: 245063
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 26.6 21.8 32.6





#77

Benzidine

Concen: 4.337 ng

RT: 20.109 min Scan# 2905

Delta R.T. 0.380 min

Lab File: BG049029.D

Acq: 21 Jun 2021 12:15

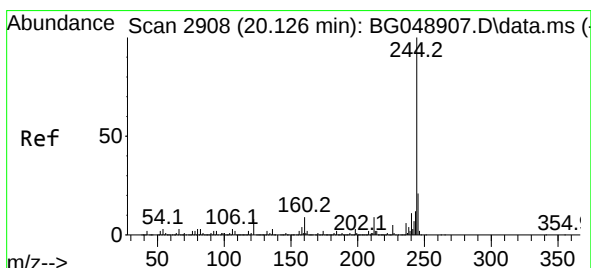
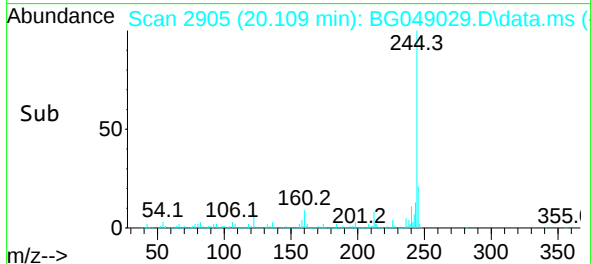
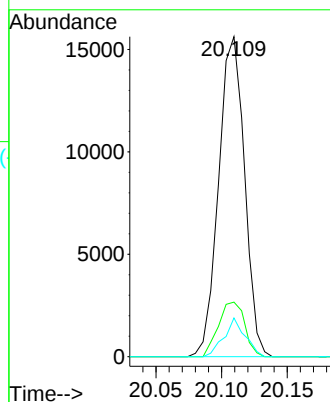
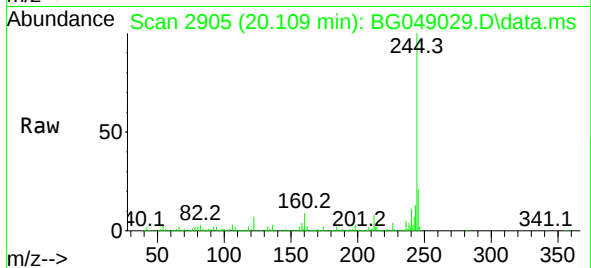
Tgt Ion:184 Resp: 21409

Ion Ratio Lower Upper

184 100

185 17.0 10.7 16.1#

183 12.1 9.4 14.0



#79

Terphenyl-d14

Concen: 83.842 ng

RT: 20.109 min Scan# 2905

Delta R.T. -0.002 min

Lab File: BG049029.D

Acq: 21 Jun 2021 12:15

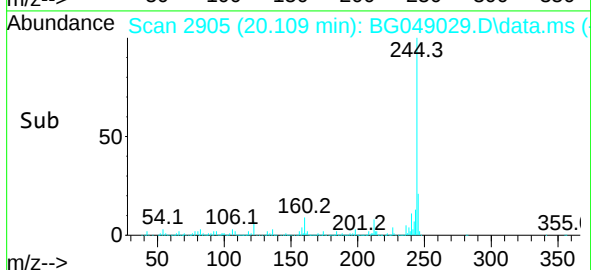
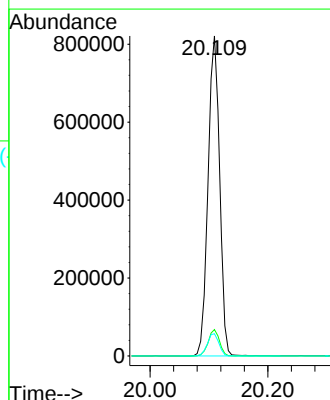
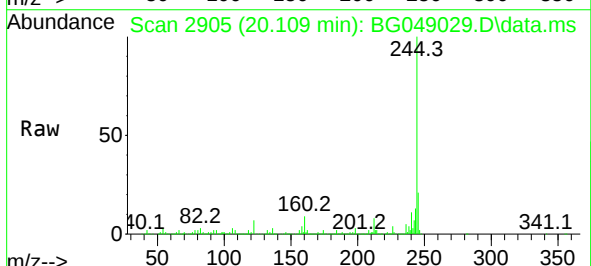
Tgt Ion:244 Resp: 1121892

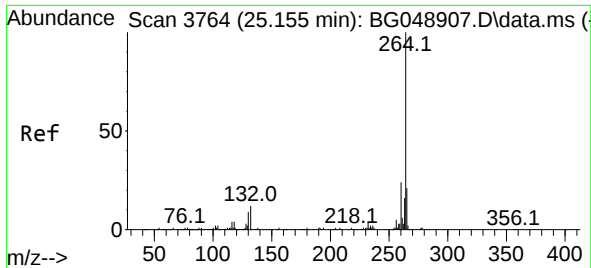
Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

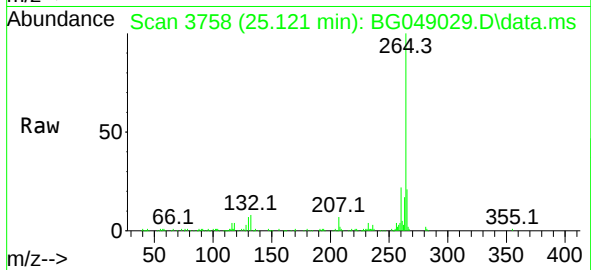
122 6.9 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.121 min Scan# 3758
 Delta R.T. -0.008 min
 Lab File: BG049029.D
 Acq: 21 Jun 2021 12:15

Instrument :
 BNA_G
 ClientSampleId :
 PB137219BL



Tgt Ion:264 Resp: 246691
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.4 29.2
 265 20.9 16.9 25.3

