

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
 Data File : BG049603.D
 Acq On : 2 Aug 2021 13:51
 Operator : CG/JU
 Sample : PB138103BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138103BL

Quant Time: Aug 02 14:52:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:57:05 2021
 Response via : Initial Calibration

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

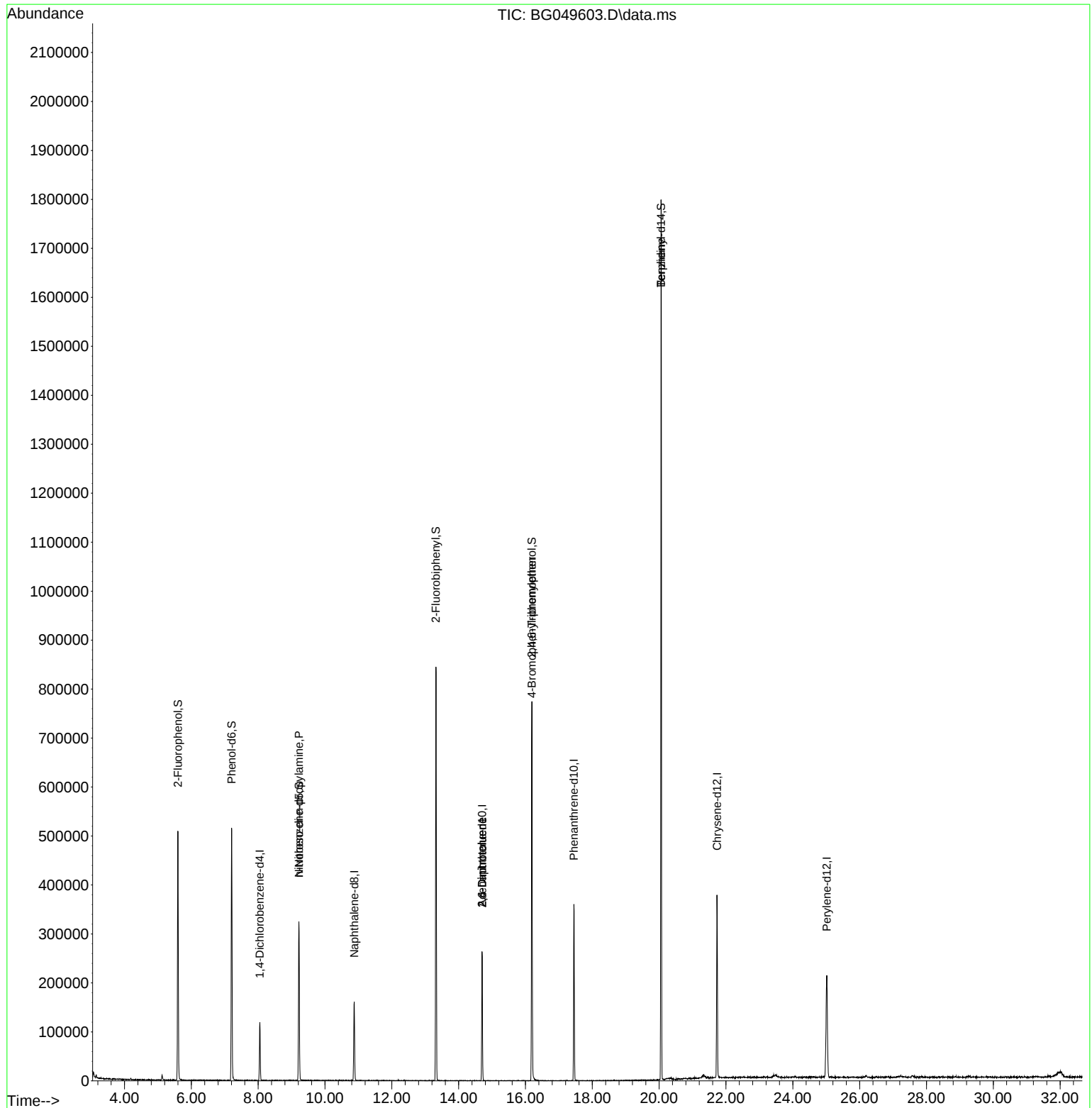
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.050	152	31107	20.000	ng	0.00
21) Naphthalene-d8	10.876	136	133278	20.000	ng	# 0.00
39) Acenaphthene-d10	14.700	164	96251	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	226530	20.000	ng	# 0.00
76) Chrysene-d12	21.731	240	230567	20.000	ng	0.00
86) Perylene-d12	25.015	264	234225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.600	112	206164	112.444	ng	0.00
7) Phenol-d6	7.204	99	276071	103.389	ng	0.00
23) Nitrobenzene-d5	9.219	82	197761	66.482	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	146045	113.303	ng	0.00
45) 2-Fluorobiphenyl	13.319	172	437728	65.439	ng	0.00
79) Terphenyl-d14	20.057	244	855988	72.504	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.219	70	30259	17.247	ng	# 71
51) 2,6-Dinitrotoluene	14.700	165	12111	7.977	ng	# 11
57) 2,4-Dinitrotoluene	14.700	165	12111	5.772	ng	# 17
67) 4-Bromophenyl-phenylether	16.186	248	8409	3.277	ng	# 1
77) Benzidine	20.057	184	17600	2.758	ng	# 89

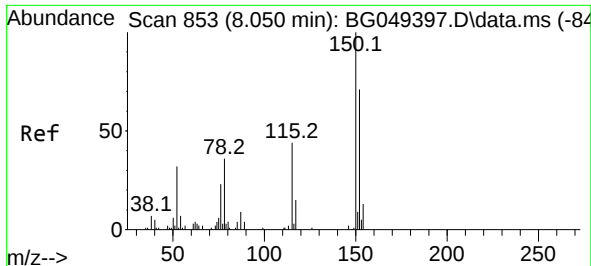
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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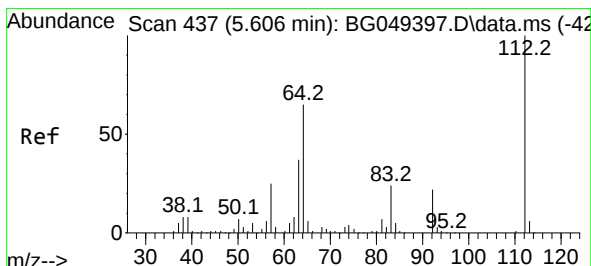
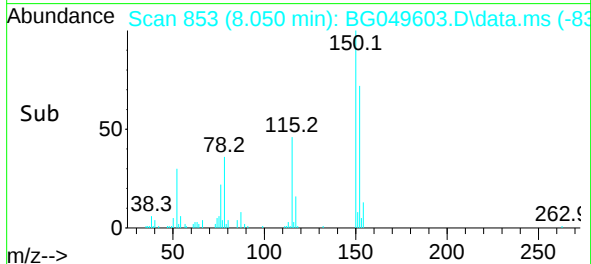
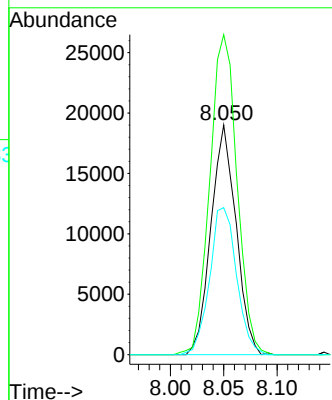
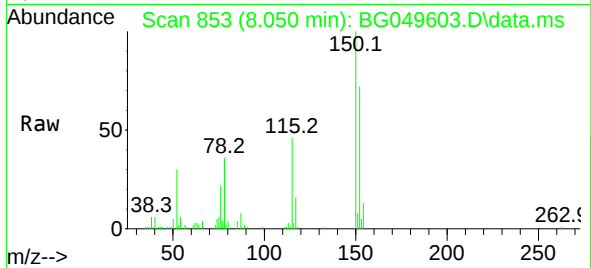




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.050 min Scan# 853
Delta R.T. 0.000 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

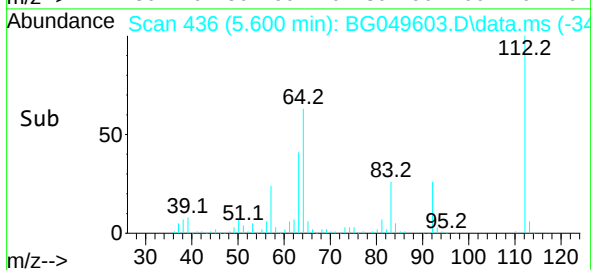
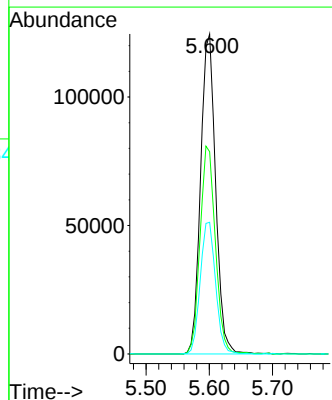
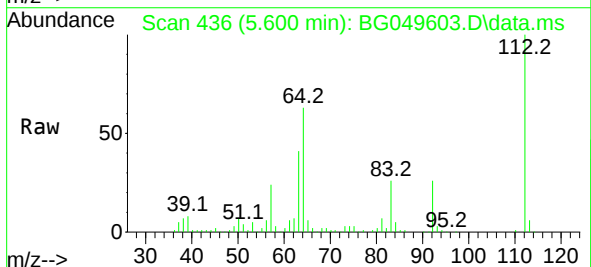
Instrument :
BNA_G
ClientSampleId :
PB138103BL

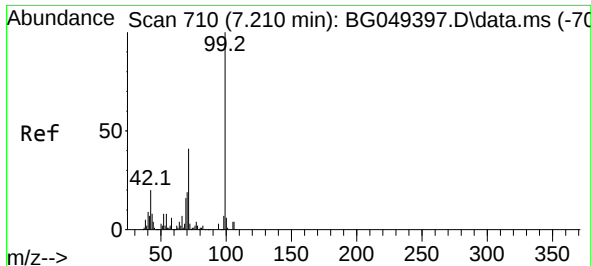
Tgt Ion:152 Resp: 31107
Ion Ratio Lower Upper
152 100
150 139.2 119.4 179.0
115 64.0 60.2 90.4



#5
2-Fluorophenol
Concen: 112.444 ng
RT: 5.600 min Scan# 436
Delta R.T. -0.006 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

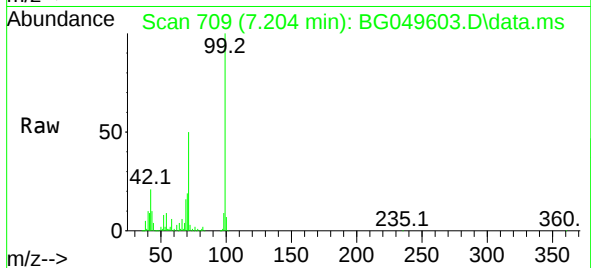
Tgt Ion:112 Resp: 206164
Ion Ratio Lower Upper
112 100
64 63.2 46.7 70.1
63 41.2 35.3 52.9



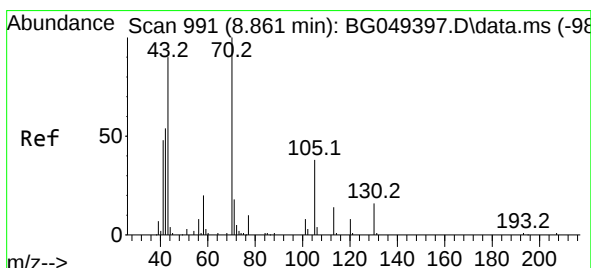
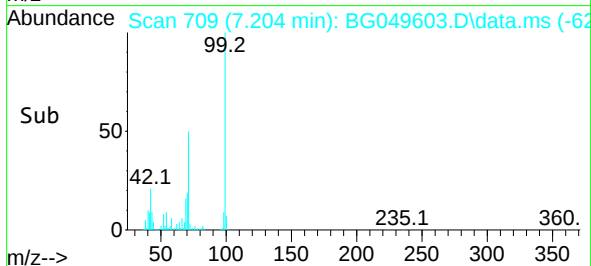
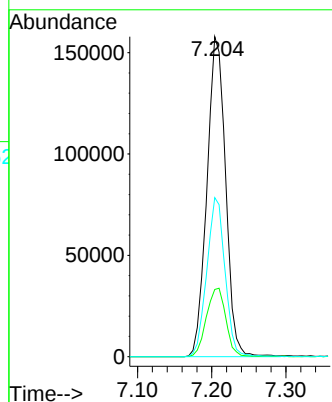


#7
Phenol-d6
Concen: 103.389 ng
RT: 7.204 min Scan# 709
Delta R.T. -0.006 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

Instrument :
BNA_G
ClientSampleId :
PB138103BL

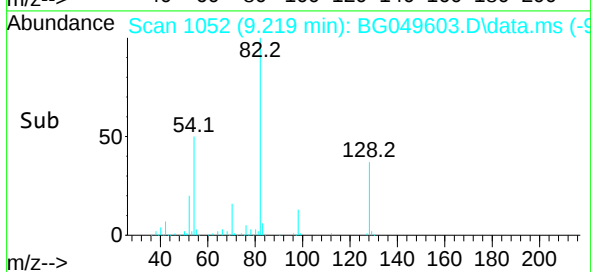
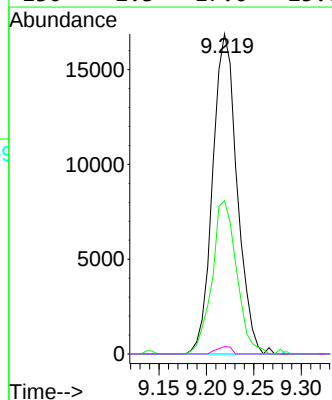
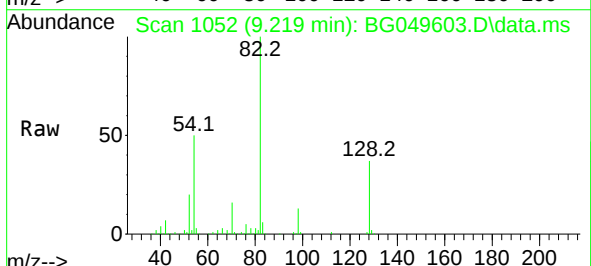


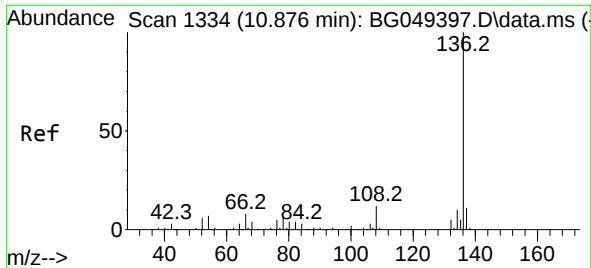
Tgt Ion	Ratio	Lower	Upper
99	100		
42	21.0	20.5	30.7
71	49.7	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.247 ng
RT: 9.219 min Scan# 1052
Delta R.T. 0.358 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.9	54.5	81.7#
101	0.0	9.0	13.6#
130	2.3	17.0	25.6#

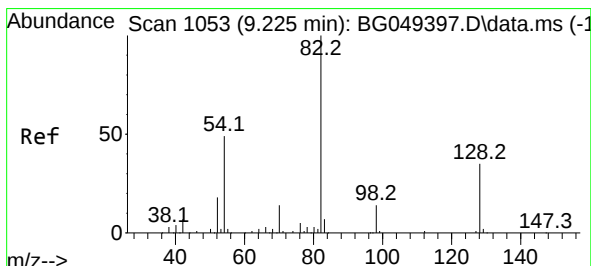
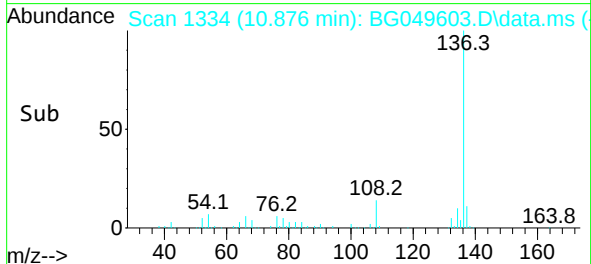
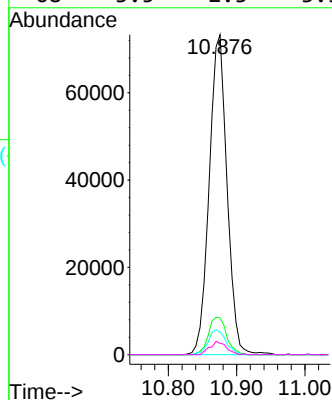
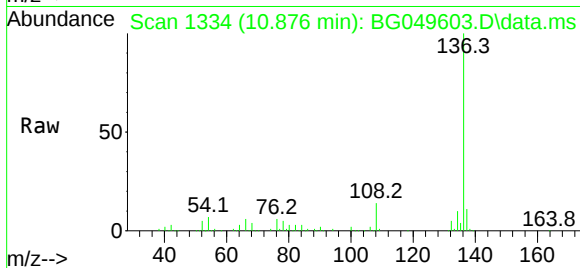




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.876 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

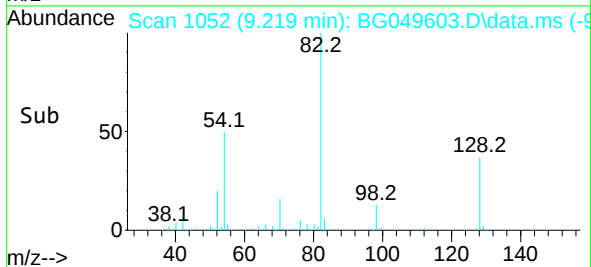
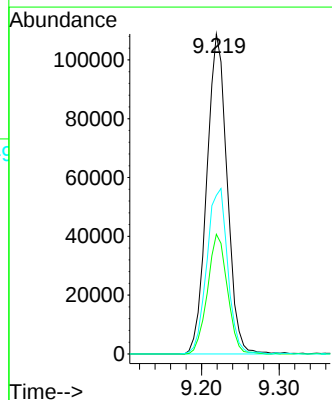
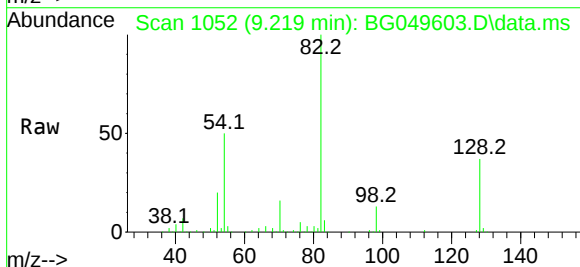
Instrument :
BNA_G
ClientSampleId :
PB138103BL

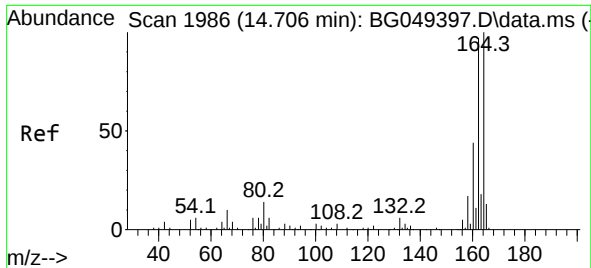
Tgt Ion:136	Resp:	133278
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.2 12.2
54	7.1	5.5 8.3
68	3.5	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 66.482 ng
RT: 9.219 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

Tgt Ion: 82	Resp:	197761
Ion Ratio	Lower	Upper
82	100	
128	37.4	29.8 44.6
54	49.5	45.8 68.8

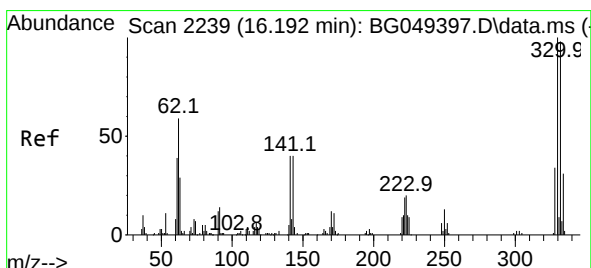
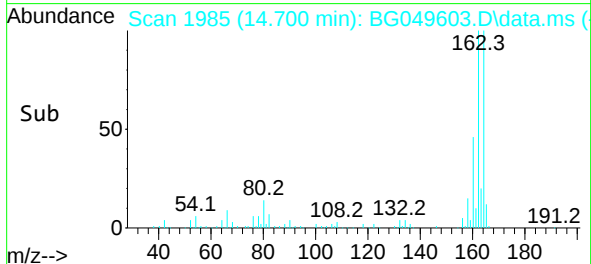
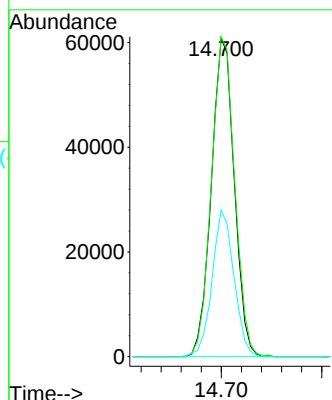
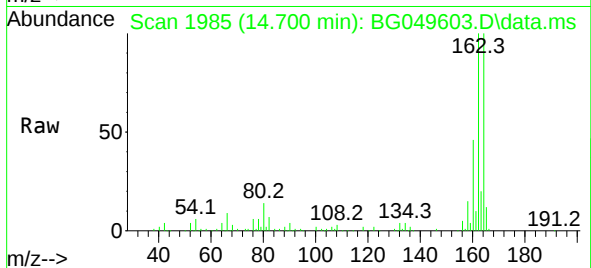




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.700 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

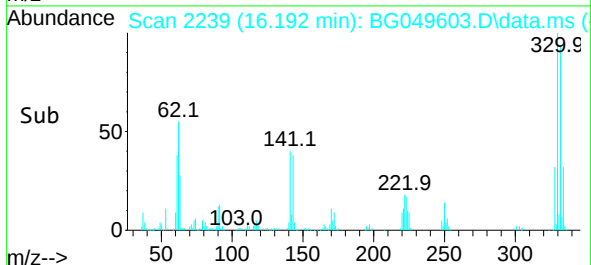
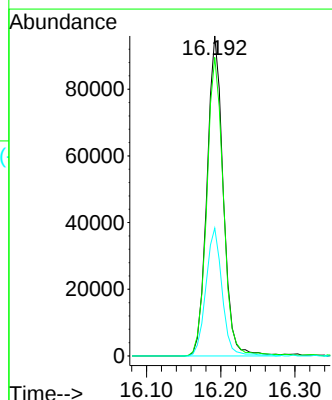
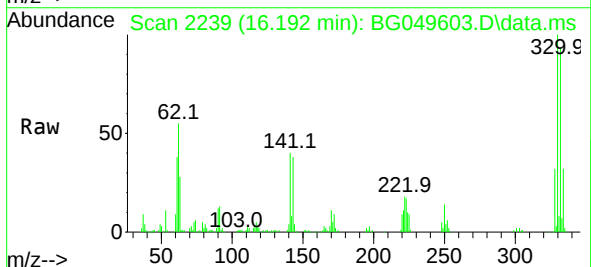
Instrument :
BNA_G
ClientSampleId :
PB138103BL

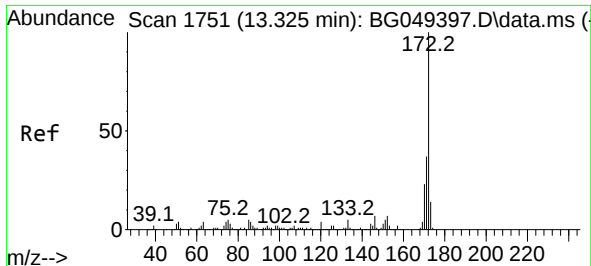
Tgt Ion:164	Resp:	96251
Ion Ratio	Lower	Upper
164	100	
162	100.4	81.4 122.0
160	46.0	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 113.303 ng
RT: 16.192 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

Tgt Ion:330	Resp:	146045
Ion Ratio	Lower	Upper
330	100	
332	95.3	77.3 115.9
141	39.7	35.6 53.4

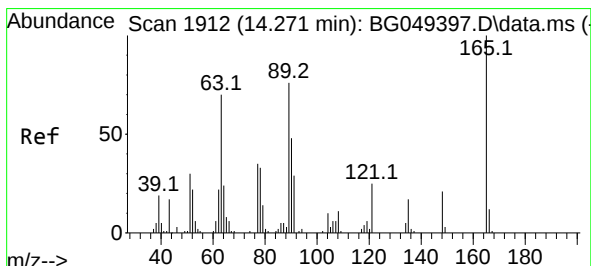
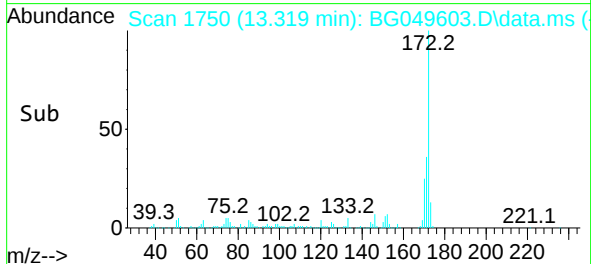
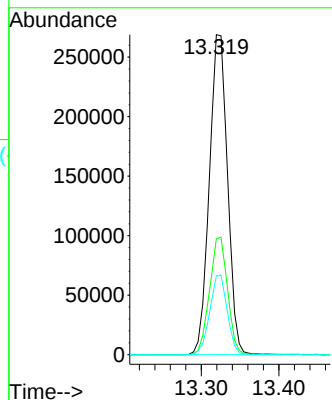
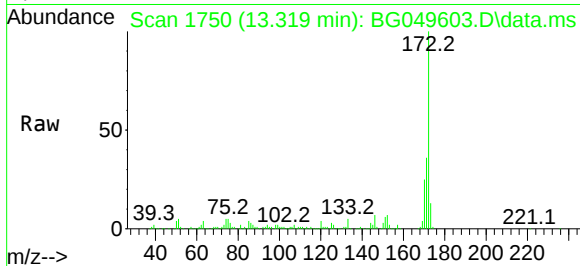




#45
2-Fluorobiphenyl
Concen: 65.439 ng
RT: 13.319 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

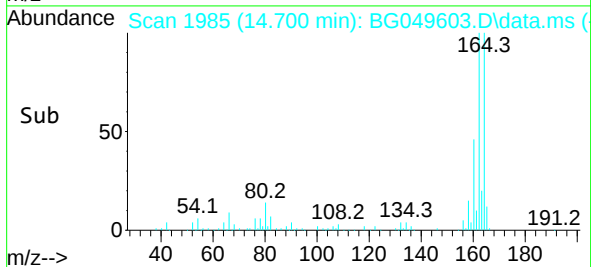
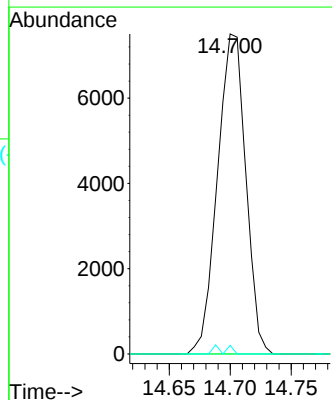
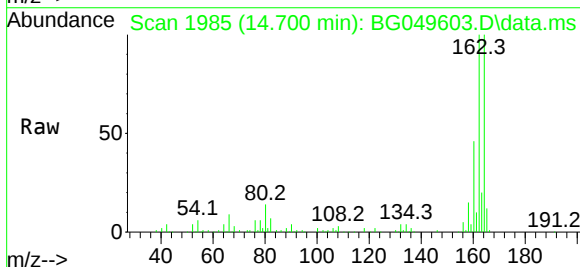
Instrument :
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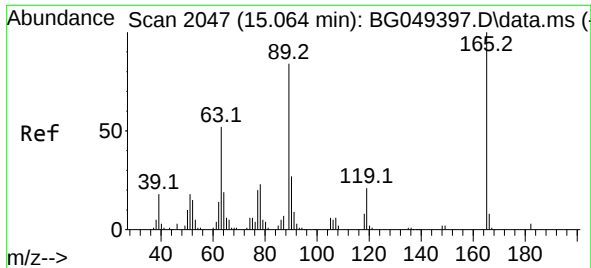
Tgt Ion:172 Resp: 437728
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.977 ng
RT: 14.700 min Scan# 1985
Delta R.T. 0.429 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

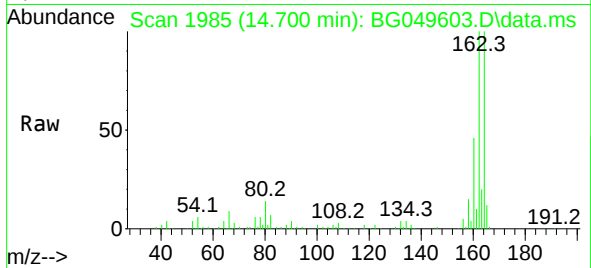
Tgt Ion:165 Resp: 12111
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.7 63.4 95.0#



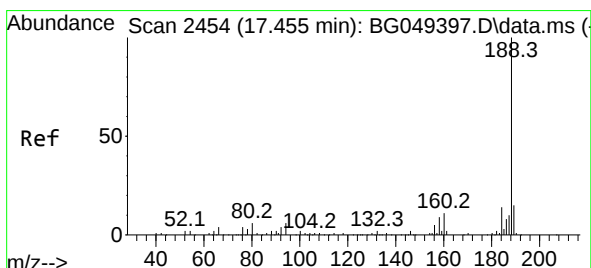
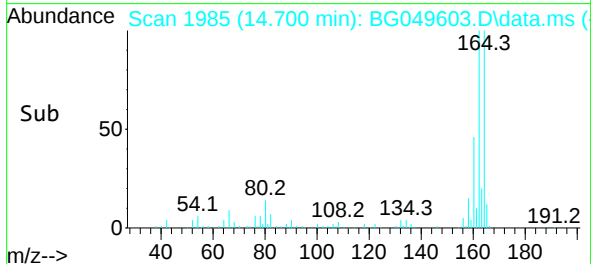
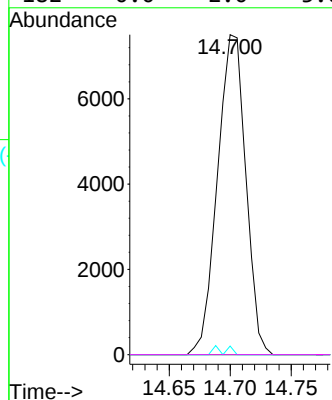


#57
2,4-Dinitrotoluene
Concen: 5.772 ng
RT: 14.700 min Scan# 1985
Delta R.T. -0.364 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

Instrument :
BNA_G
ClientSampleId :
PB138103BL

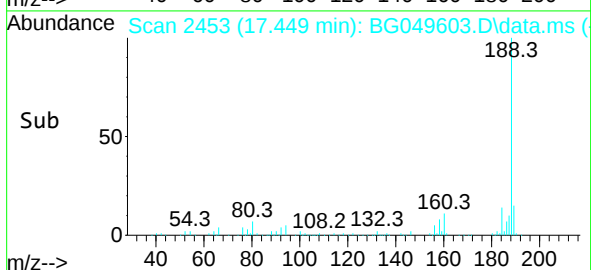
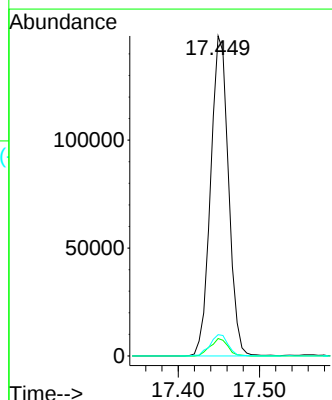
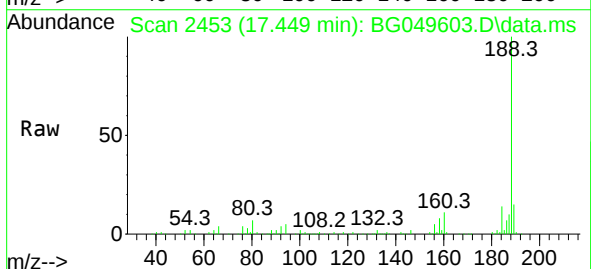


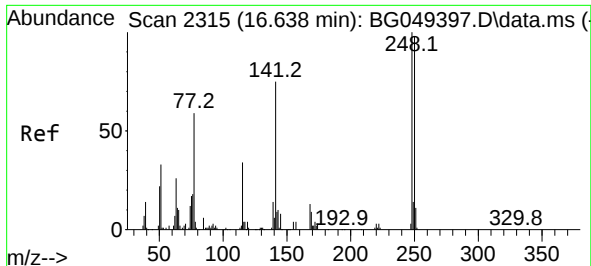
Tgt Ion:165 Resp: 12111
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.7 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

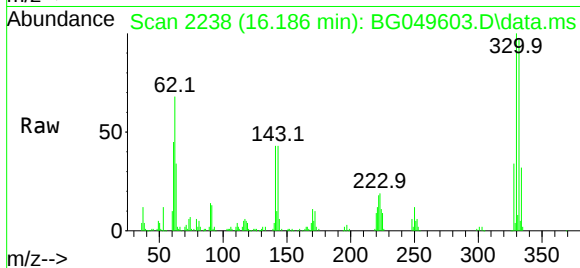
Tgt Ion:188 Resp: 226530
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.7 3.7 5.5#



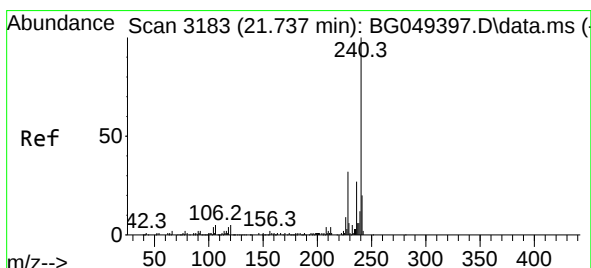
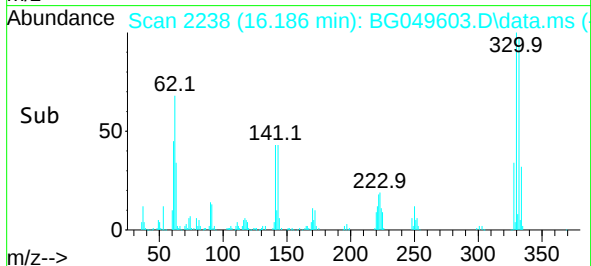
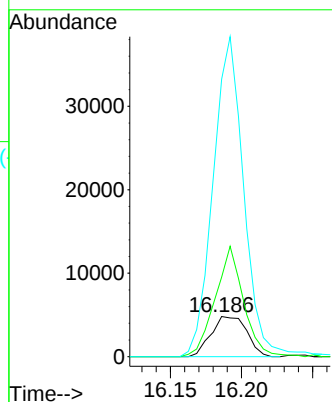


#67
4-Bromophenyl-phenylether
Concen: 3.277 ng
RT: 16.186 min Scan# 2238
Delta R.T. -0.452 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

Instrument :
BNA_G
ClientSampleId :
PB138103BL

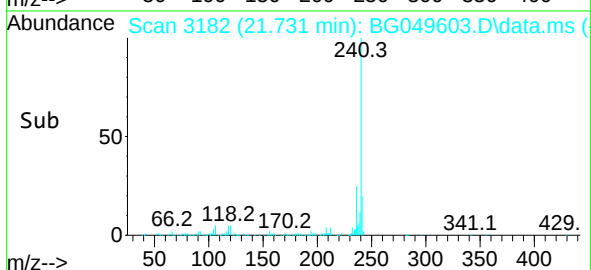
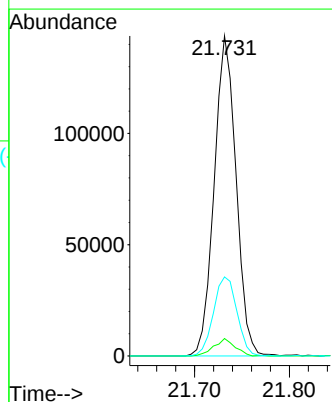
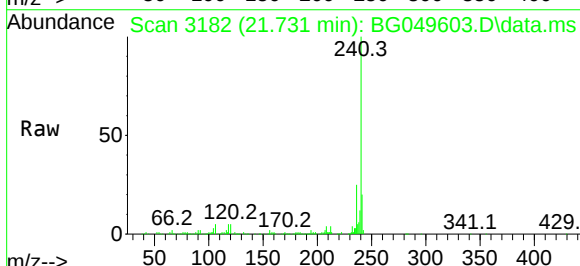


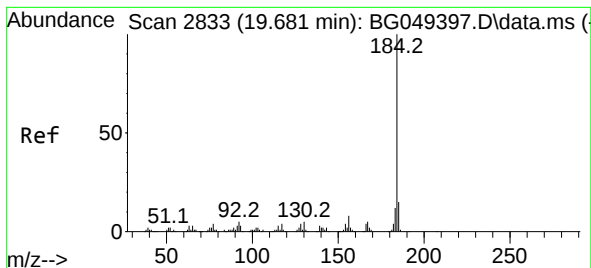
Tgt Ion:248 Resp: 8409
Ion Ratio Lower Upper
248 100
250 198.2 76.1 114.1#
141 691.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3182
Delta R.T. -0.006 min
Lab File: BG049603.D
Acq: 2 Aug 2021 13:51

Tgt Ion:240 Resp: 230567
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 24.7 21.8 32.6





#77

Benzidine

Concen: 2.758 ng

RT: 20.057 min Scan# 2897

Delta R.T. 0.376 min

Lab File: BG049603.D

Acq: 2 Aug 2021 13:51

Instrument :

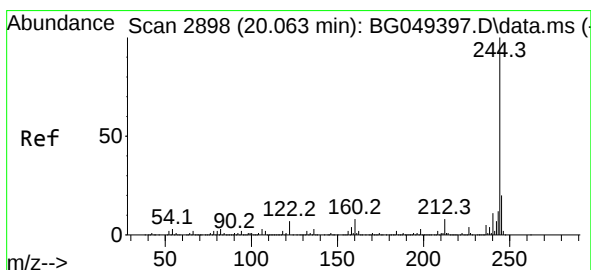
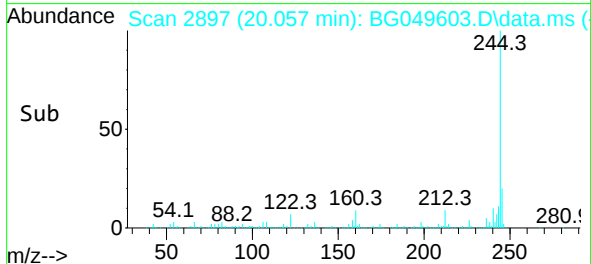
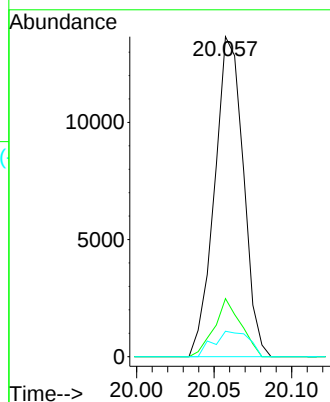
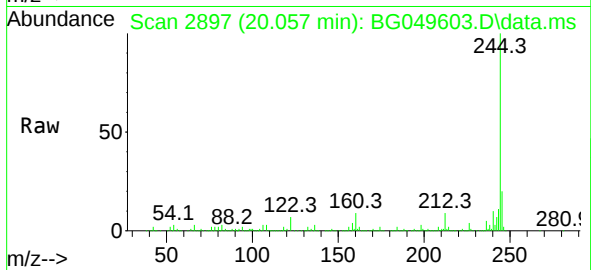
BNA_G

ClientSampleId :

PB138103BL

Tgt Ion:184 Resp: 17600

Ion	Ratio	Lower	Upper
184	100		
185	18.1	10.7	16.1#
183	8.0	9.4	14.0#



#79

Terphenyl-d14

Concen: 72.504 ng

RT: 20.057 min Scan# 2897

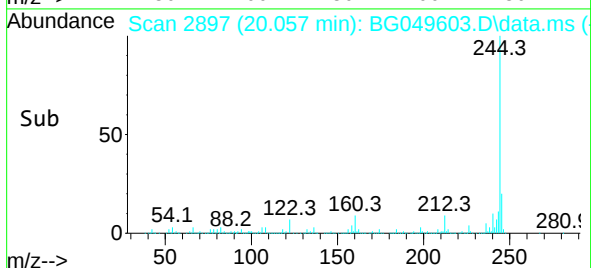
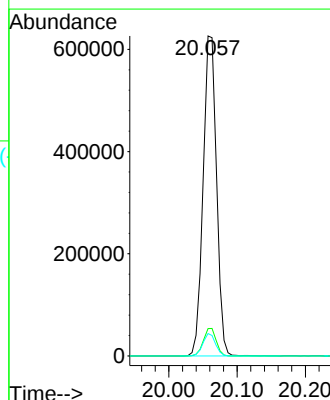
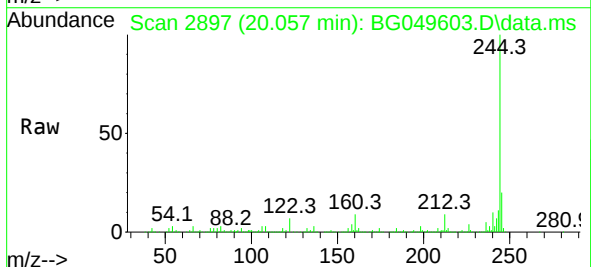
Delta R.T. -0.006 min

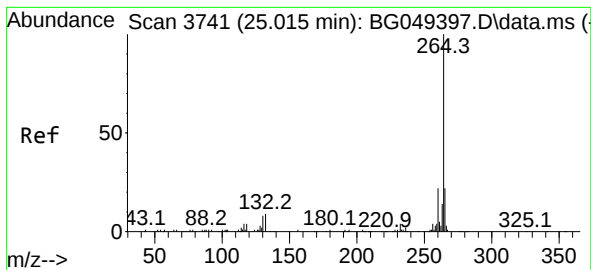
Lab File: BG049603.D

Acq: 2 Aug 2021 13:51

Tgt Ion:244 Resp: 855988

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	7.0	5.0	7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 3741
 Delta R.T. 0.000 min
 Lab File: BG049603.D
 Acq: 2 Aug 2021 13:51

Instrument :
 BNA_G
 ClientSampleId :
 PB138103BL

Tgt Ion:264 Resp: 234225
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.4 29.2
 265 19.8 16.9 25.3

