

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
 Data File : BG048975.D
 Acq On : 15 Jun 2021 12:58
 Operator : CG/JU
 Sample : PB137114BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137114BL

Quant Time: Jun 15 13:42:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

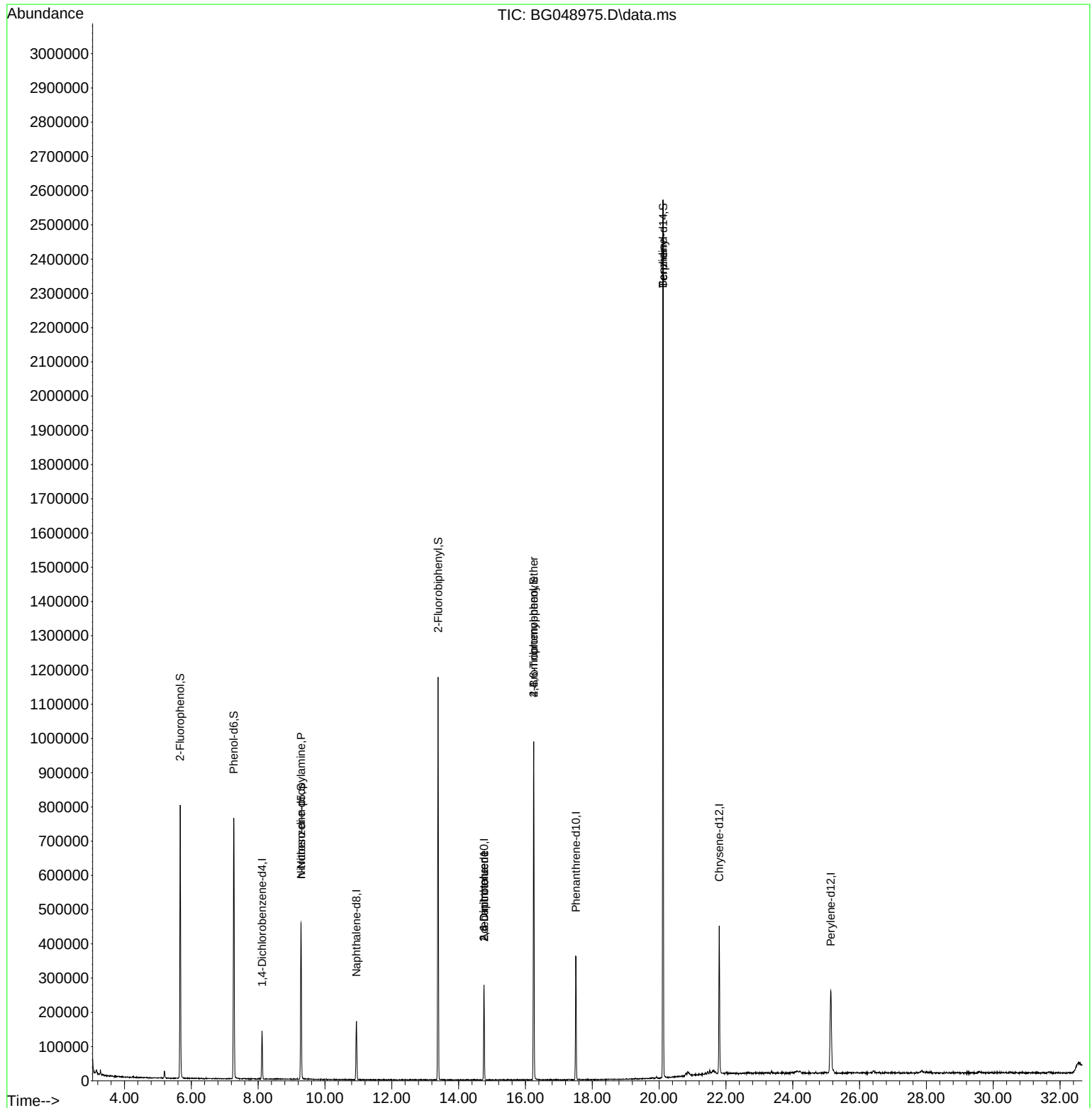
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	35867	20.000	ng	0.00
21) Naphthalene-d8	10.944	136	140025	20.000	ng	# 0.00
39) Acenaphthene-d10	14.763	164	99558	20.000	ng	0.00
64) Phenanthrene-d10	17.513	188	234741	20.000	ng	# 0.00
76) Chrysene-d12	21.802	240	280015	20.000	ng	-0.02
86) Perylene-d12	25.139	264	283386	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	308811	134.028	ng	0.00
7) Phenol-d6	7.272	99	395361	114.486	ng	0.00
23) Nitrobenzene-d5	9.287	82	276026	85.001	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	182891	123.993	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	596290	84.610	ng	0.00
79) Terphenyl-d14	20.121	244	1217044	79.600	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.287	70	40659	15.063	ng	# 73
51) 2,6-Dinitrotoluene	14.763	165	12670	8.022	ng	# 12
57) 2,4-Dinitrotoluene	14.763	165	12670	6.531	ng	# 18
67) 4-Bromophenyl-phenylether	16.249	248	12183	4.157	ng	# 1
77) Benzidine	20.115	184	22948	4.068	ng	# 87

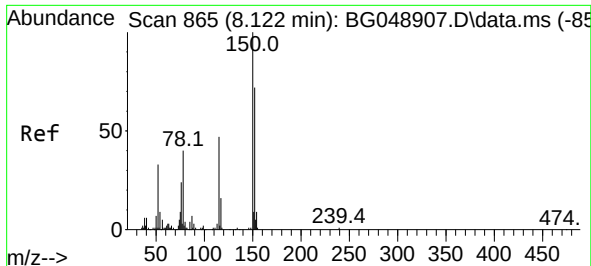
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

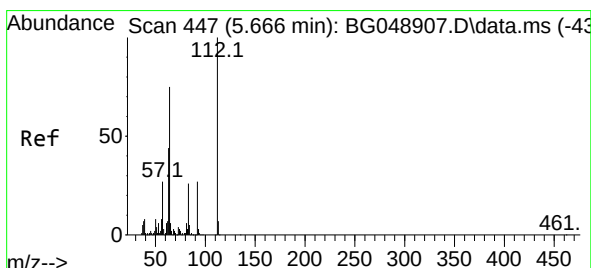
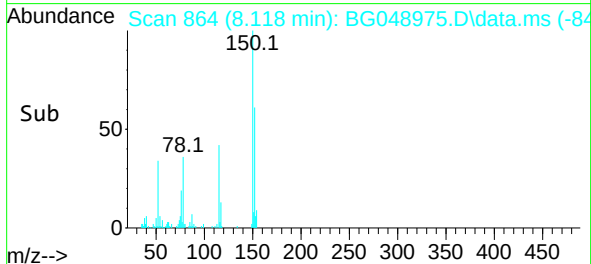
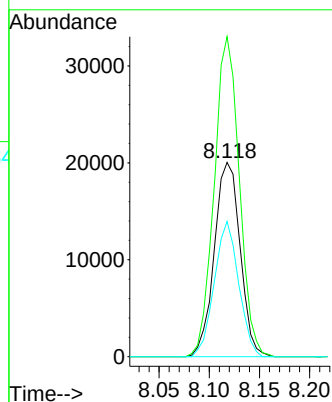
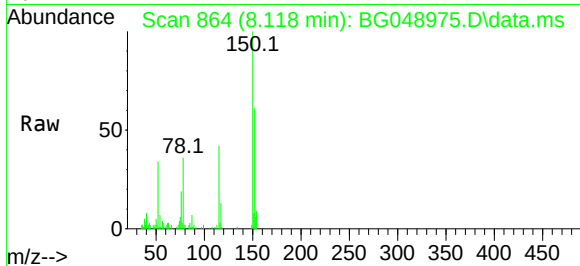




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.118 min Scan# 864
Delta R.T. -0.004 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

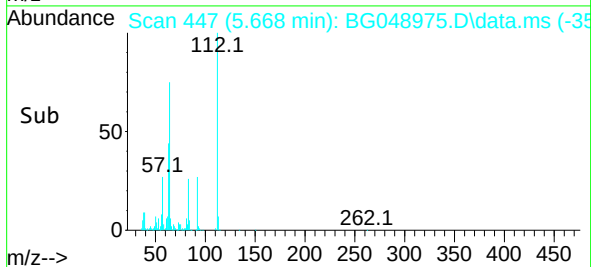
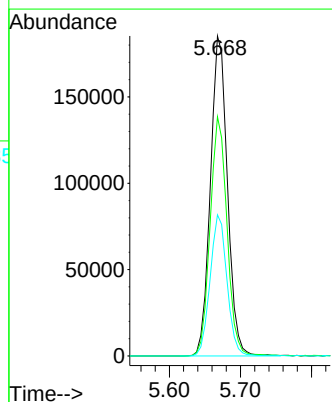
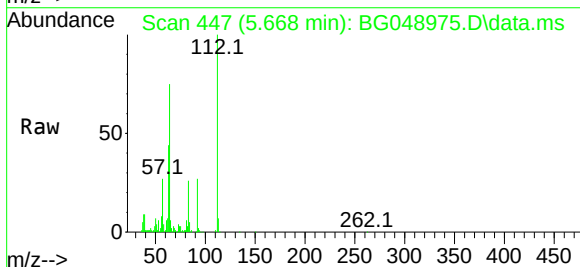
Instrument :
BNA_G
ClientSampleId :
PB137114BL

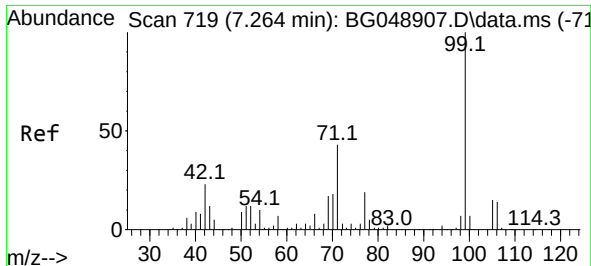
Tgt Ion:152 Resp: 35867
Ion Ratio Lower Upper
152 100
150 164.8 119.4 179.0
115 69.6 60.2 90.4



#5
2-Fluorophenol
Concen: 134.028 ng
RT: 5.668 min Scan# 447
Delta R.T. 0.002 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

Tgt Ion:112 Resp: 308811
Ion Ratio Lower Upper
112 100
64 74.7 46.7 70.1#
63 44.1 35.3 52.9

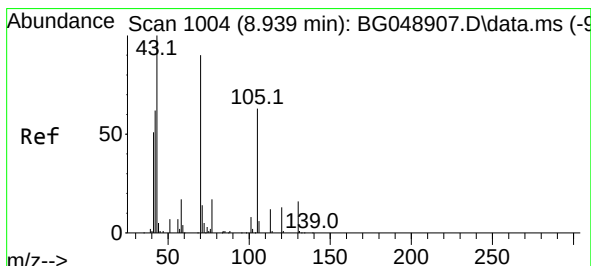
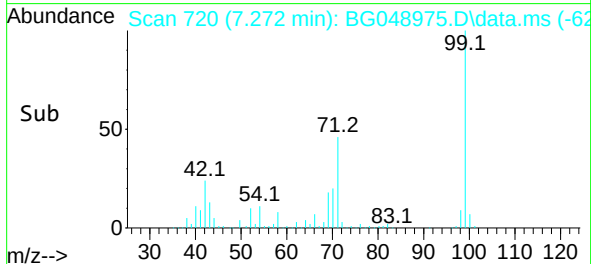
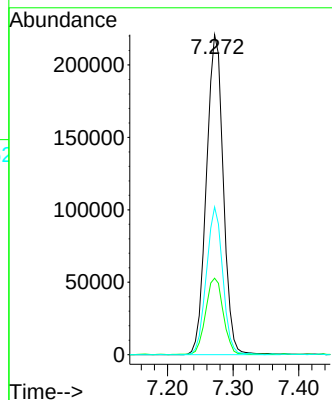
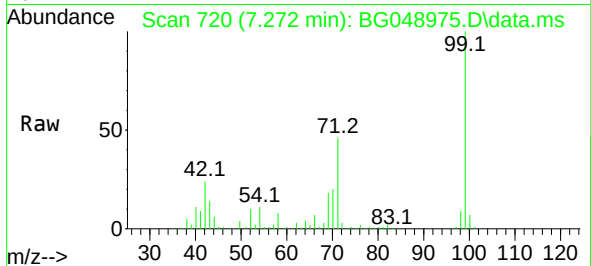




#7
Phenol-d6
Concen: 114.486 ng
RT: 7.272 min Scan# 720
Delta R.T. 0.008 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

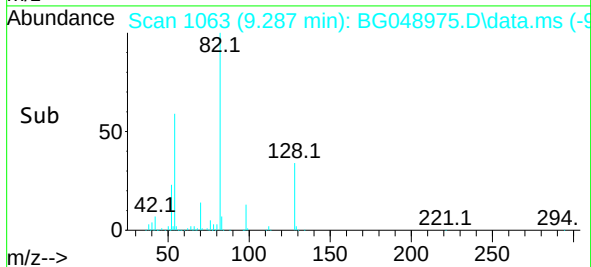
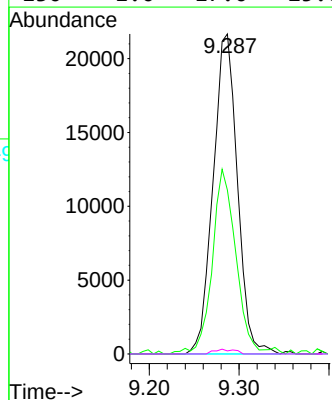
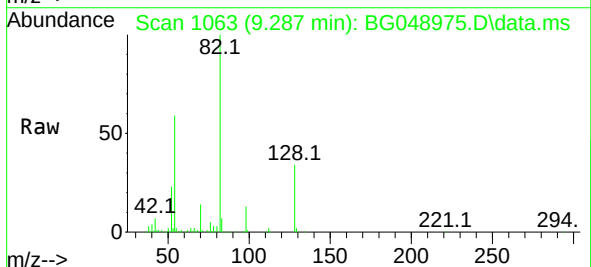
Instrument :
BNA_G
ClientSampleId :
PB137114BL

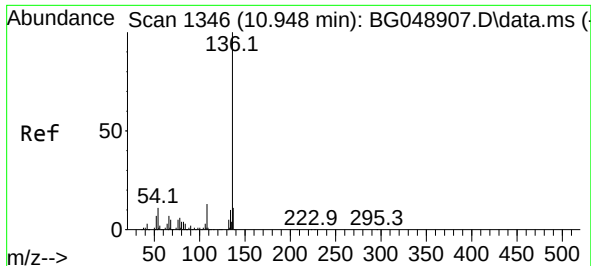
Tgt Ion: 99 Resp: 395361
Ion Ratio Lower Upper
99 100
42 23.9 20.5 30.7
71 46.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.063 ng
RT: 9.287 min Scan# 1063
Delta R.T. 0.348 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

Tgt Ion: 70 Resp: 40659
Ion Ratio Lower Upper
70 100
42 51.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.0 17.0 25.6#

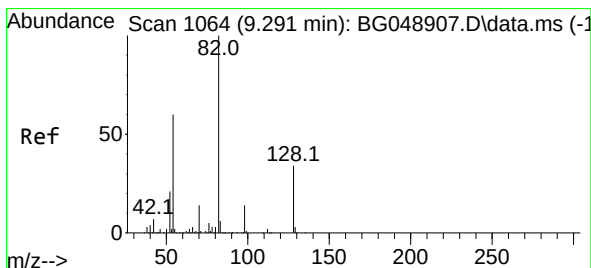
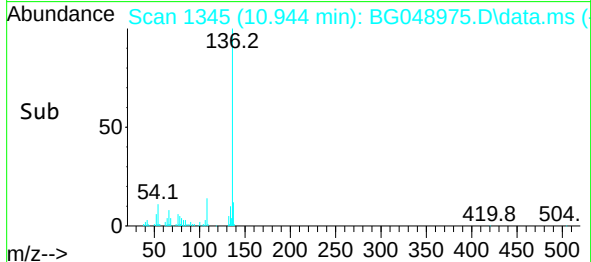
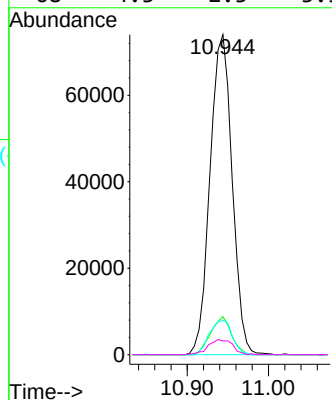
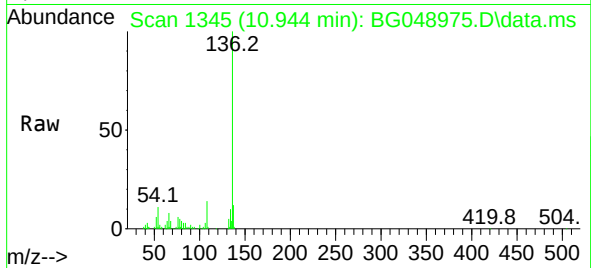




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.944 min Scan# 1345
Delta R.T. -0.004 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

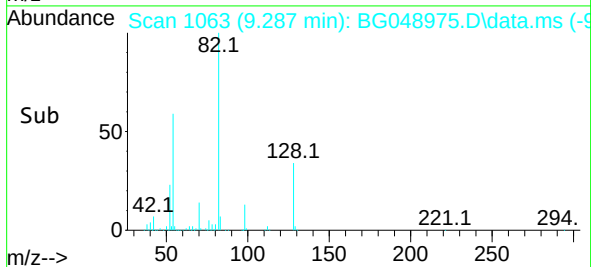
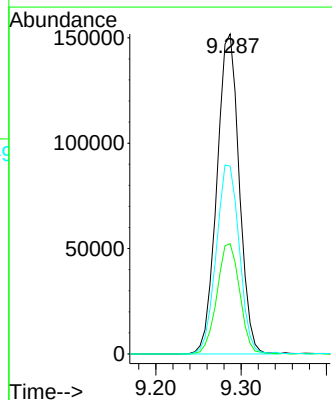
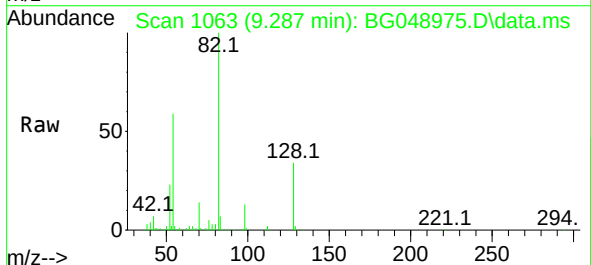
Instrument :
BNA_G
ClientSampleId :
PB137114BL

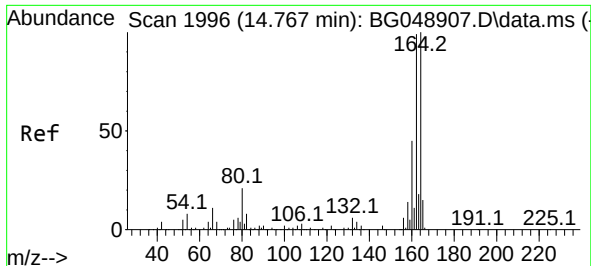
Tgt Ion:136	Resp: 140025
Ion Ratio	Lower Upper
136	100
137	11.9 8.2 12.2
54	10.7 5.5 8.3#
68	4.3 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 85.001 ng
RT: 9.287 min Scan# 1063
Delta R.T. -0.004 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

Tgt Ion: 82	Resp: 276026
Ion Ratio	Lower Upper
82	100
128	34.5 29.8 44.6
54	58.7 45.8 68.8

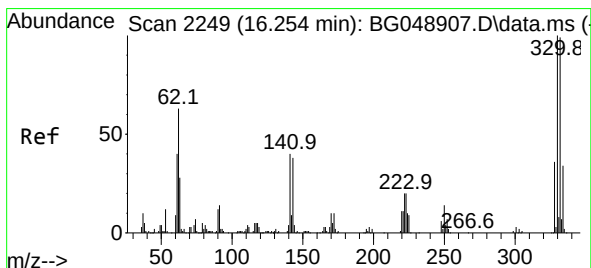
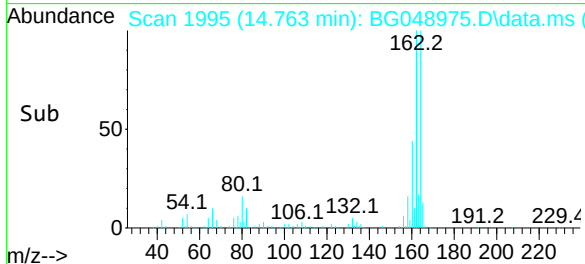
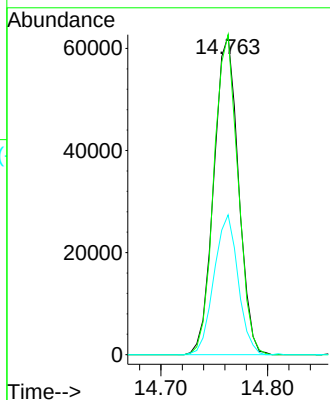
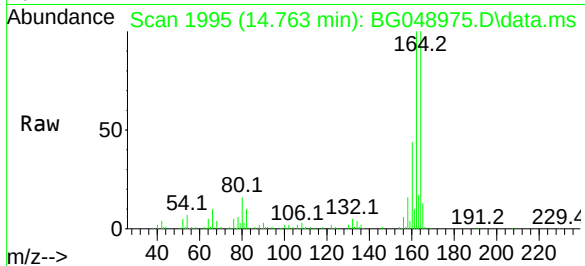




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.763 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

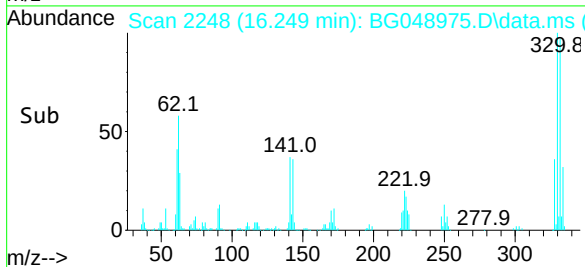
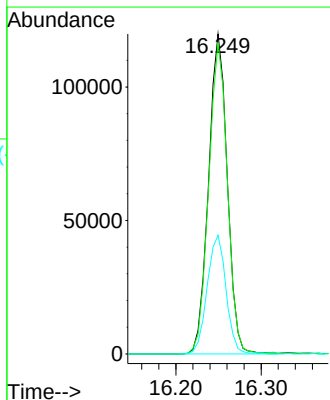
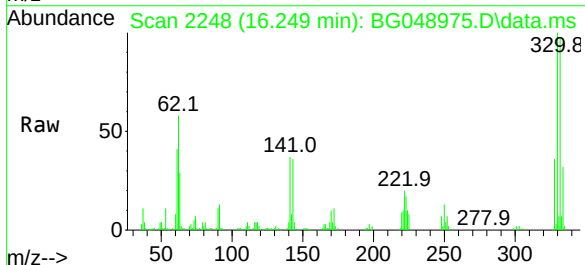
Instrument :
BNA_G
ClientSampleId :
PB137114BL

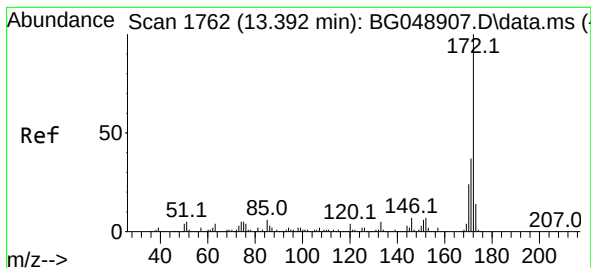
Tgt Ion:164 Resp: 99558
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 43.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 123.993 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

Tgt Ion:330 Resp: 182891
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 37.4 35.6 53.4

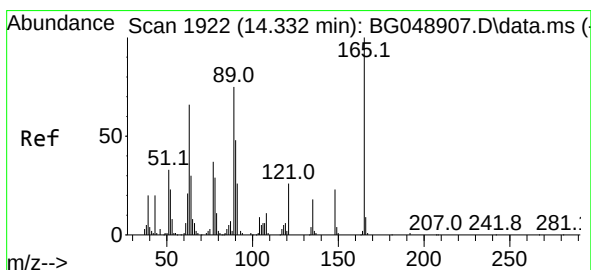
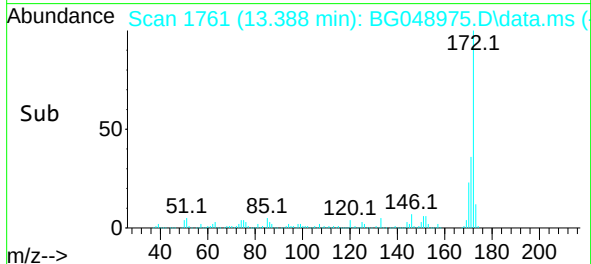
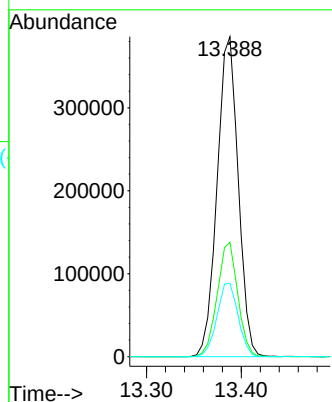
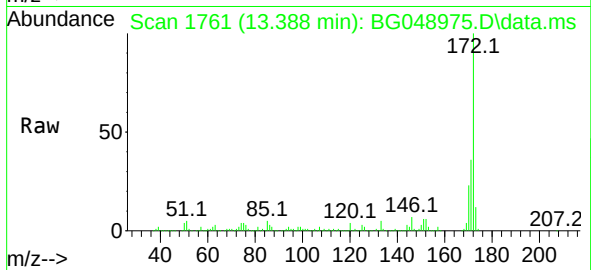




#45
2-Fluorobiphenyl
Concen: 84.610 ng
RT: 13.388 min Scan# 1761
Delta R.T. -0.004 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

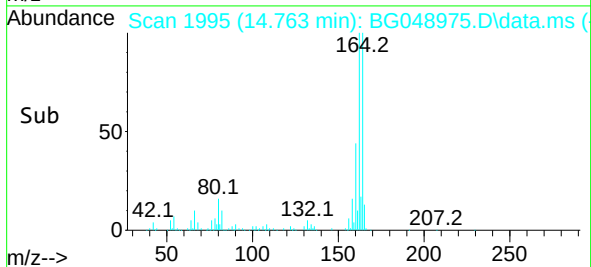
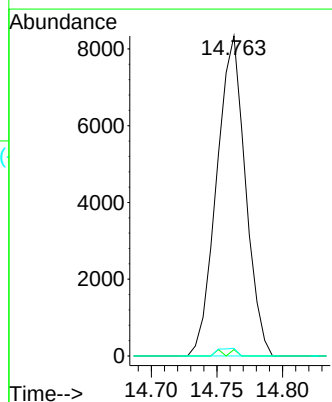
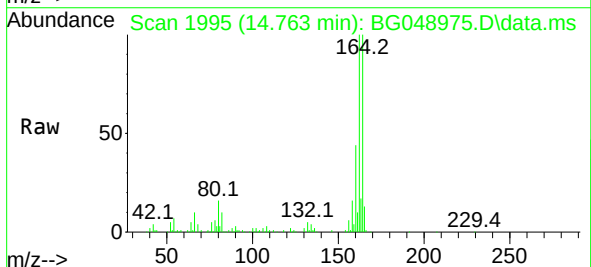
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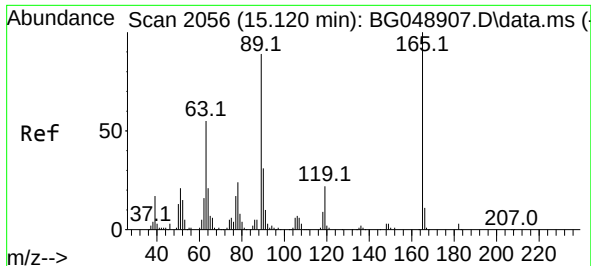
Tgt Ion:172 Resp: 596290
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 22.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.022 ng
RT: 14.763 min Scan# 1995
Delta R.T. 0.430 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

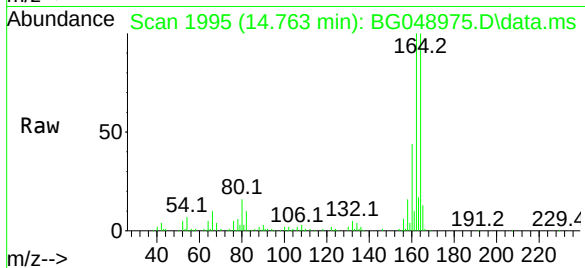
Tgt Ion:165 Resp: 12670
Ion Ratio Lower Upper
165 100
63 2.0 63.3 94.9#
89 2.4 63.4 95.0#



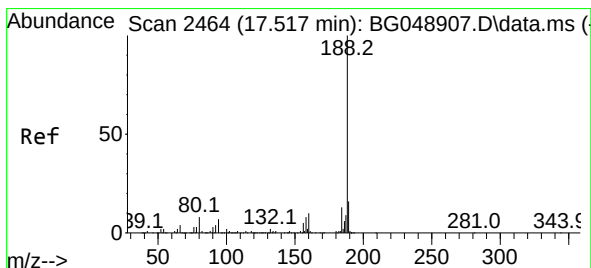
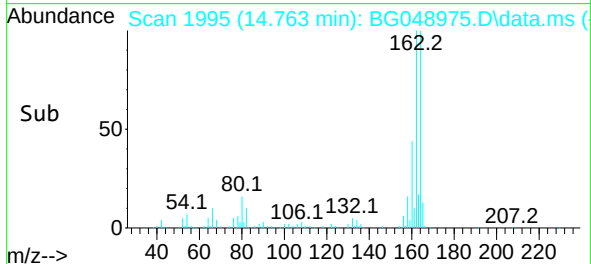
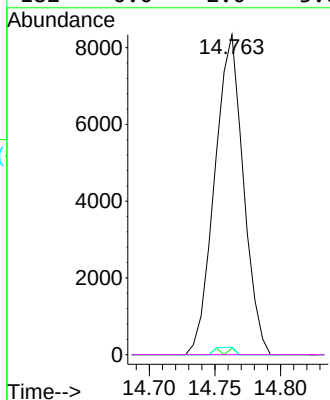


#57
2,4-Dinitrotoluene
Concen: 6.531 ng
RT: 14.763 min Scan# 1995
Delta R.T. -0.357 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

Instrument :
BNA_G
ClientSampleId :
PB137114BL

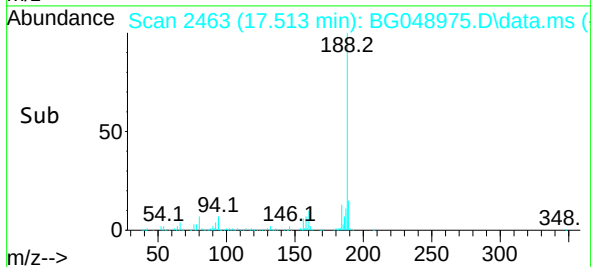
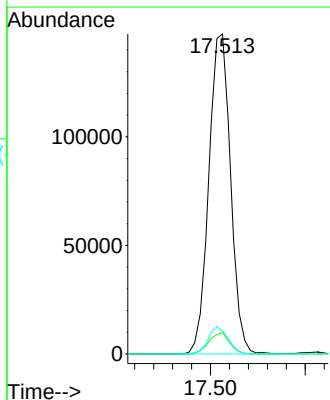
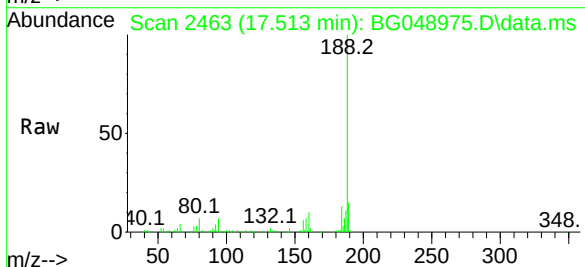


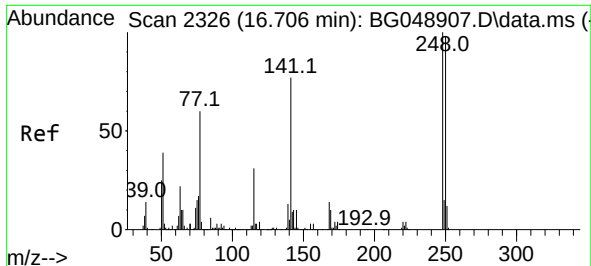
Tgt Ion:165 Resp: 12670
Ion Ratio Lower Upper
165 100
63 2.0 48.0 72.0#
89 2.4 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.513 min Scan# 2463
Delta R.T. -0.004 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

Tgt Ion:188 Resp: 234741
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.2 3.7 5.5#

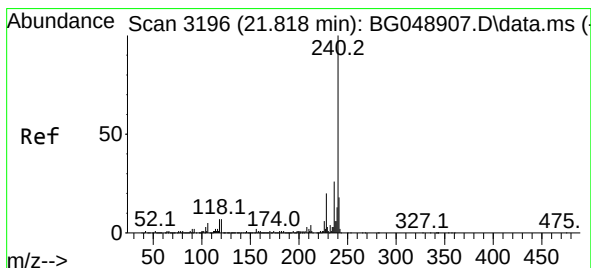
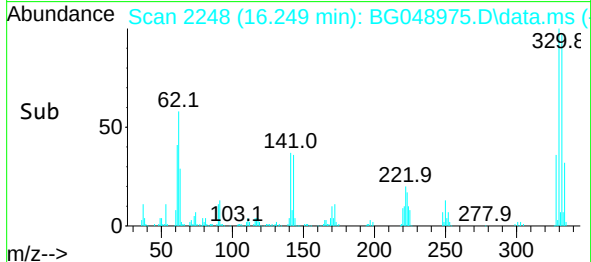
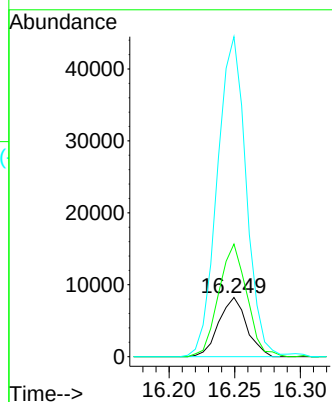
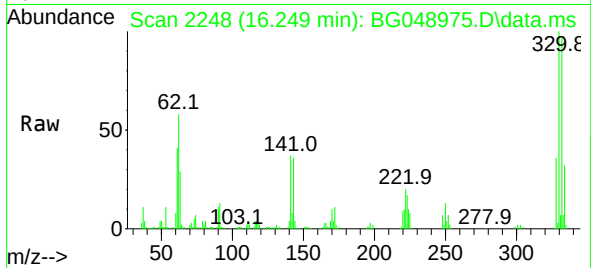




#67
4-Bromophenyl-phenylether
Concen: 4.157 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.457 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

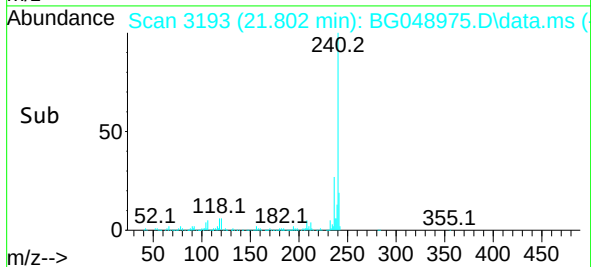
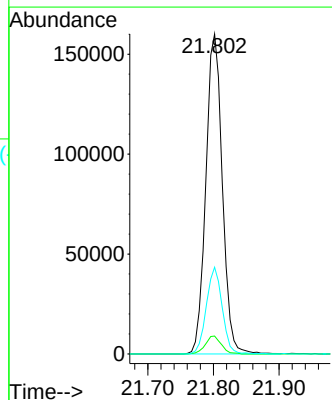
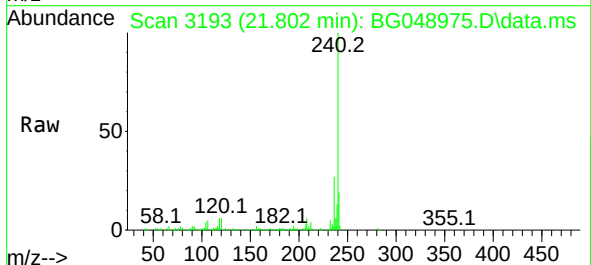
Instrument :
BNA_G
ClientSampleId :
PB137114BL

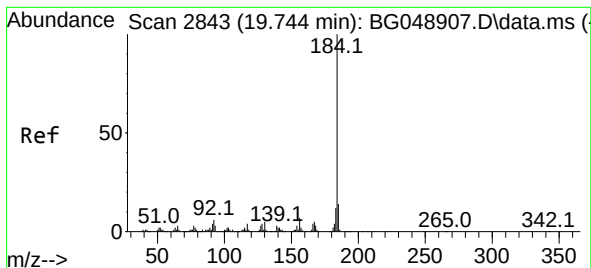
Tgt Ion:248 Resp: 12183
Ion Ratio Lower Upper
248 100
250 190.0 76.1 114.1#
141 540.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.802 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG048975.D
Acq: 15 Jun 2021 12:58

Tgt Ion:240 Resp: 280015
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 27.1 21.8 32.6





#77

Benzidine

Concen: 4.068 ng

RT: 20.115 min Scan# 2906

Delta R.T. 0.372 min

Lab File: BG048975.D

Acq: 15 Jun 2021 12:58

Tgt Ion:184 Resp: 22948

Ion Ratio Lower Upper

184 100

185 18.7 10.7 16.1#

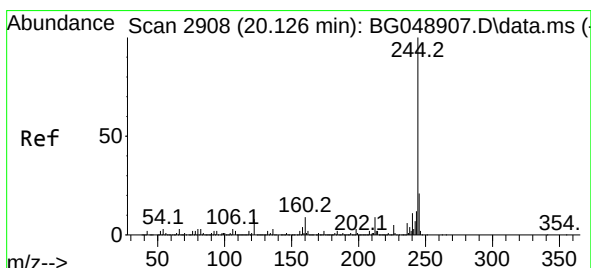
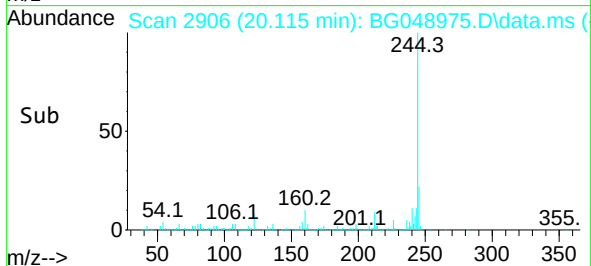
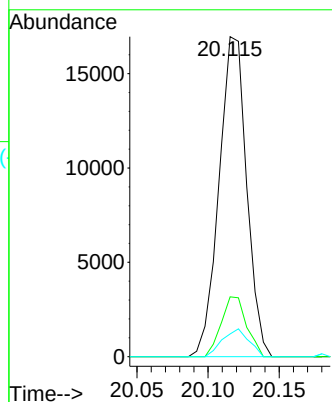
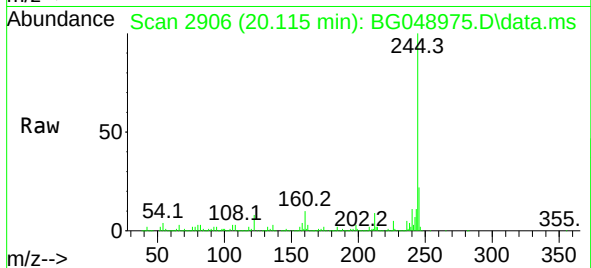
183 7.1 9.4 14.0#

Instrument :

BNA_G

ClientSampleId :

PB137114BL



#79

Terphenyl-d14

Concen: 79.600 ng

RT: 20.121 min Scan# 2907

Delta R.T. -0.005 min

Lab File: BG048975.D

Acq: 15 Jun 2021 12:58

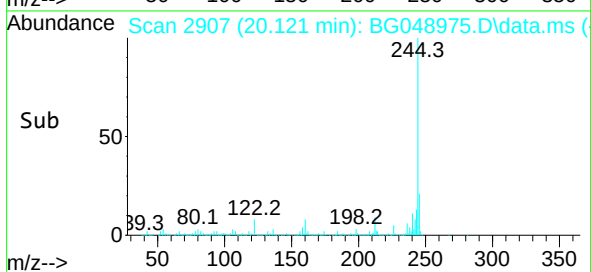
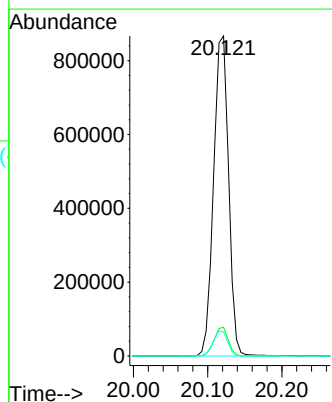
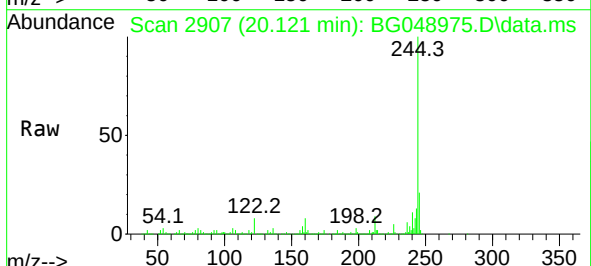
Tgt Ion:244 Resp: 1217044

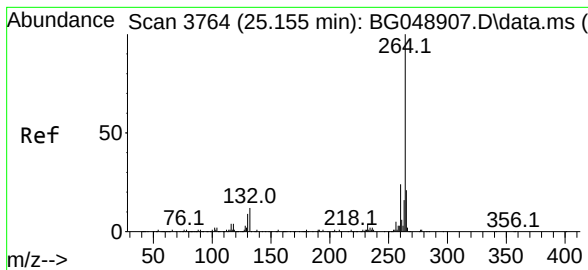
Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

122 7.5 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.139 min Scan# 3761
 Delta R.T. -0.016 min
 Lab File: BG048975.D
 Acq: 15 Jun 2021 12:58

Instrument :
 BNA_G
 ClientSampleId :
 PB137114BL

Tgt Ion:264	Resp:	283386
Ion Ratio	Lower	Upper
264	100	
260	22.2	19.4 29.2
265	19.8	16.9 25.3

