

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049096.D
 Acq On : 25 Jun 2021 18:41
 Operator : CG/JU
 Sample : M2852-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-WC-D

Quant Time: Jun 26 01:32:48 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)

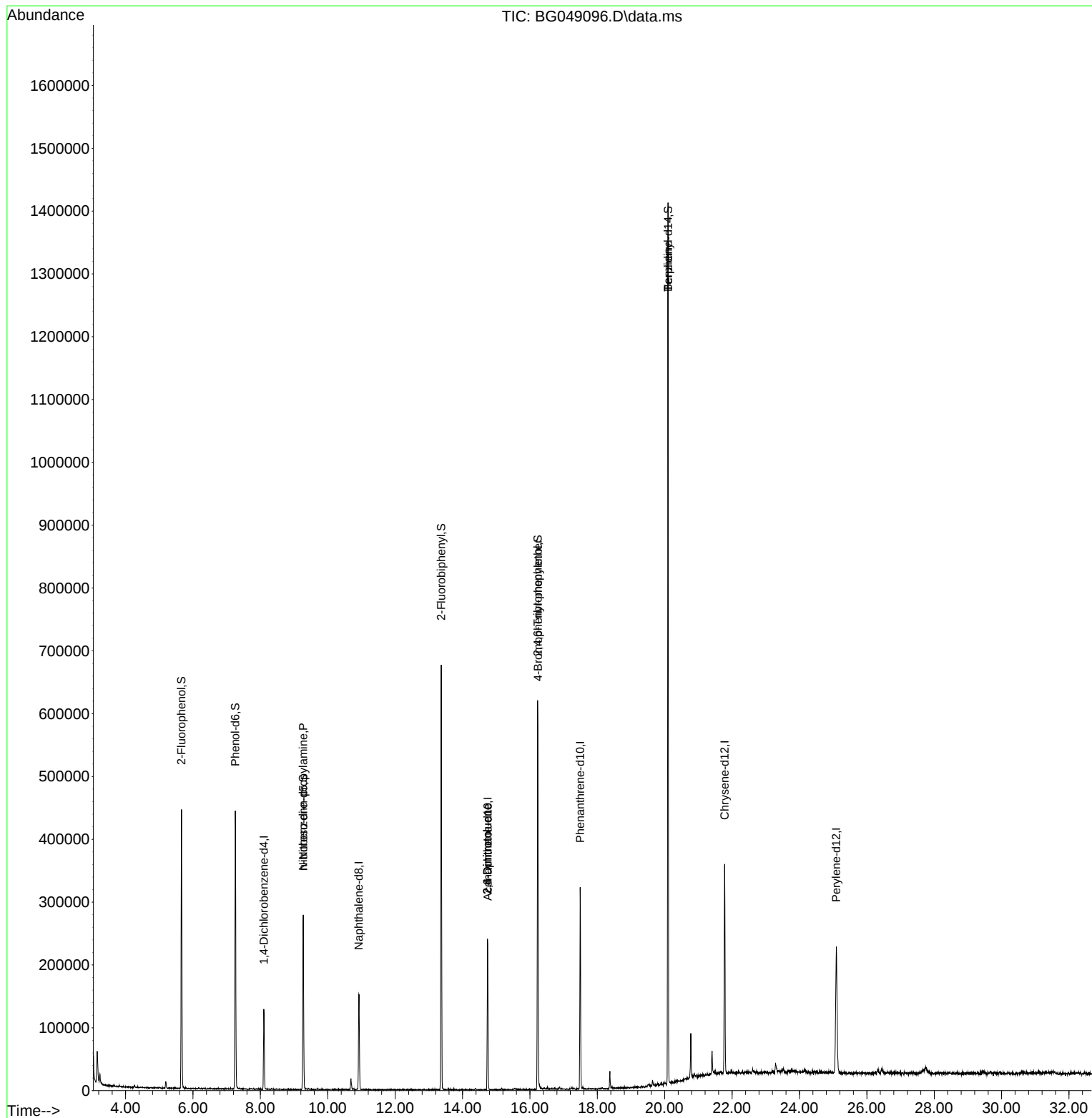
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	32754	20.000	ng	0.00
21) Naphthalene-d8	10.923	136	125645	20.000	ng	# 0.00
39) Acenaphthene-d10	14.748	164	89157	20.000	ng	0.00
64) Phenanthrene-d10	17.491	188	208404	20.000	ng	# 0.00
76) Chrysene-d12	21.781	240	223908	20.000	ng	0.00
86) Perylene-d12	25.094	264	228693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	171965	81.729	ng	0.00
7) Phenol-d6	7.256	99	225640	71.549	ng	0.00
23) Nitrobenzene-d5	9.272	82	165268	56.718	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	124486	94.242	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	347738	55.098	ng	0.00
79) Terphenyl-d14	20.100	244	659380	53.933	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.272	70	24520	9.947	ng	# 78
51) 2,6-Dinitrotoluene	14.742	165	11848	8.377	ng	# 11
57) 2,4-Dinitrotoluene	14.742	165	11848	6.820	ng	# 17
67) 4-Bromophenyl-phenylether	16.234	248	7807	3.000	ng	# 1
77) Benzidine	20.100	184	11853	2.628	ng	# 96

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

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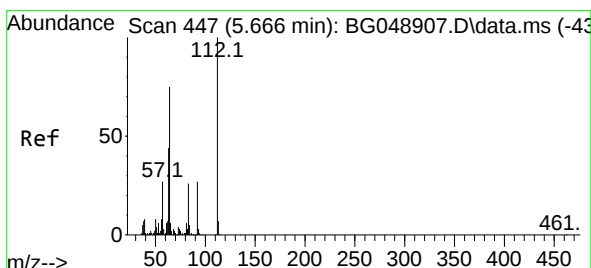
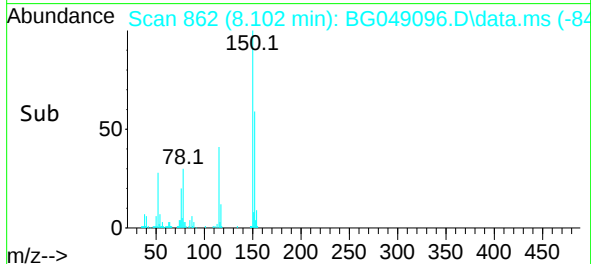
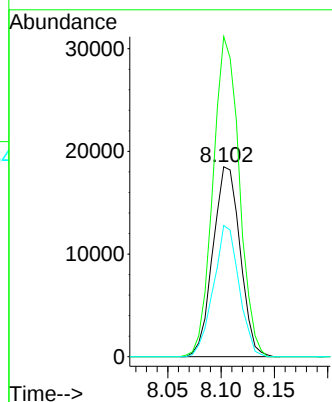
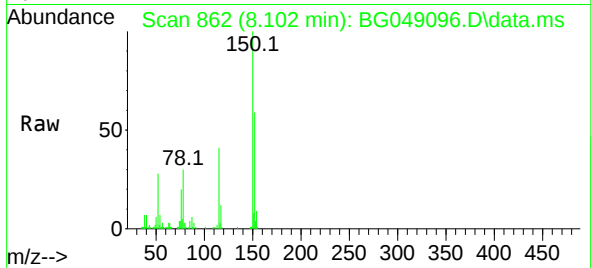




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 862
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

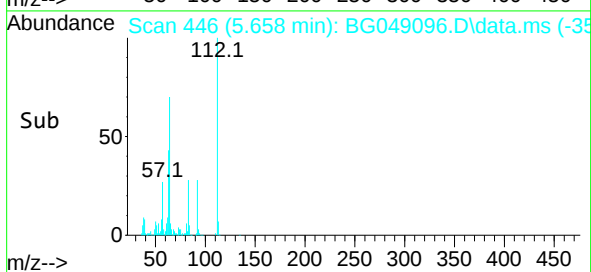
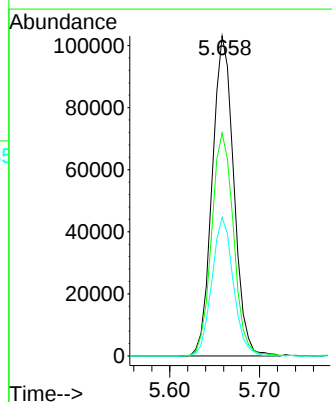
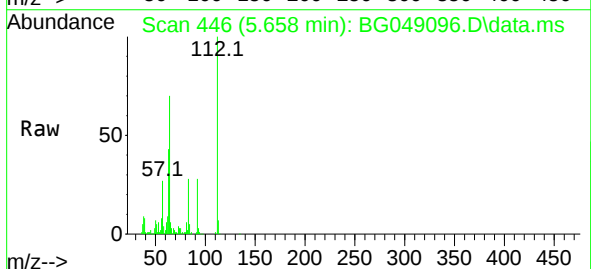
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-D

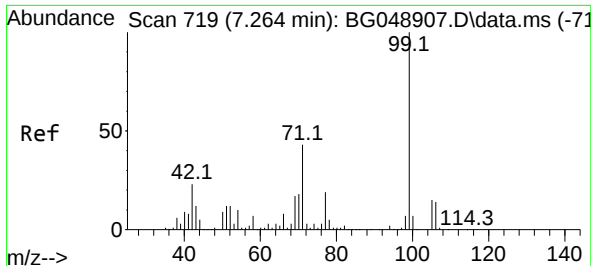
Tgt Ion:152 Resp: 32754
Ion Ratio Lower Upper
152 100
150 168.6 119.4 179.0
115 69.1 60.2 90.4



#5
2-Fluorophenol
Concen: 81.729 ng
RT: 5.658 min Scan# 446
Delta R.T. 0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Tgt Ion:112 Resp: 171965
Ion Ratio Lower Upper
112 100
64 69.7 46.7 70.1
63 43.3 35.3 52.9

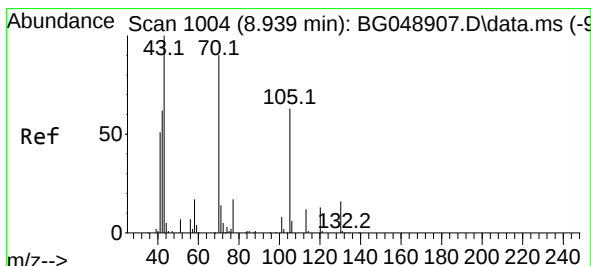
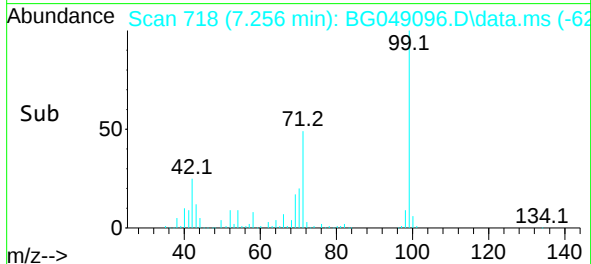
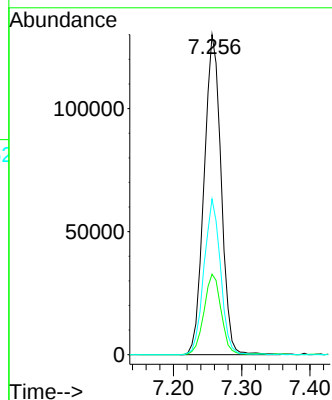
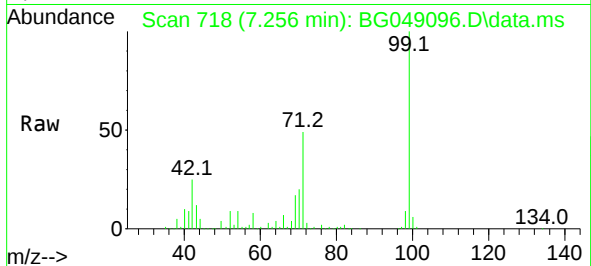




#7
Phenol-d6
Concen: 71.549 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

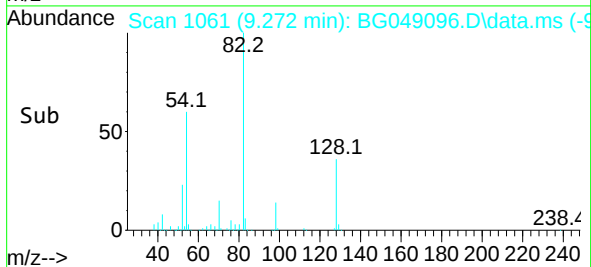
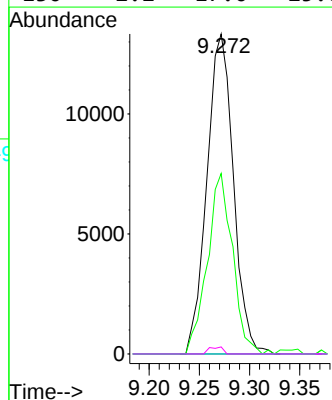
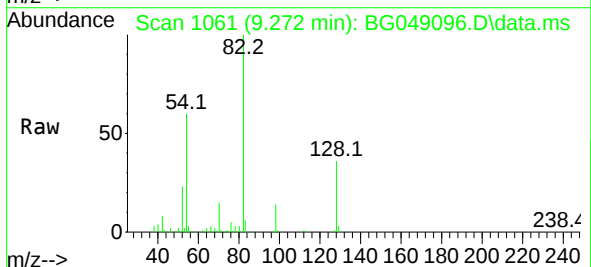
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-D

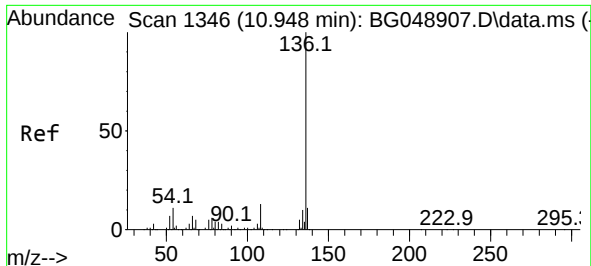
Tgt Ion: 99 Resp: 225640
Ion Ratio Lower Upper
99 100
42 25.2 20.5 30.7
71 48.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.947 ng
RT: 9.272 min Scan# 1061
Delta R.T. 0.361 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Tgt Ion: 70 Resp: 24520
Ion Ratio Lower Upper
70 100
42 56.4 54.5 81.7
101 0.0 9.0 13.6#
130 2.2 17.0 25.6#

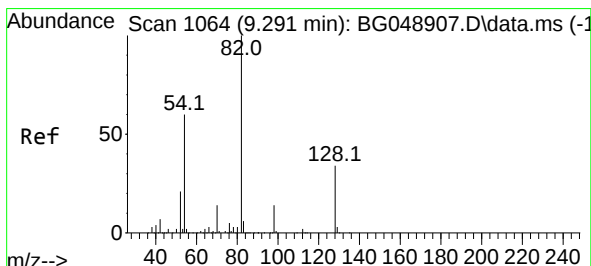
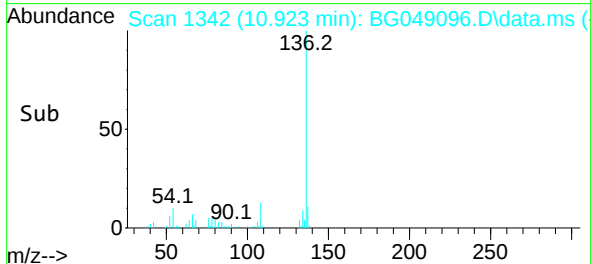
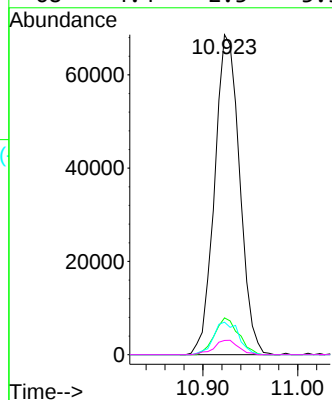
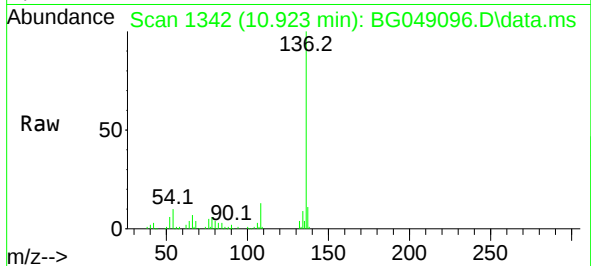




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

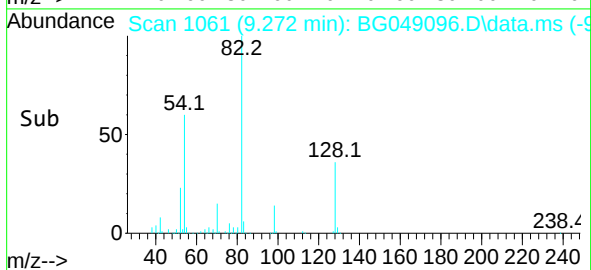
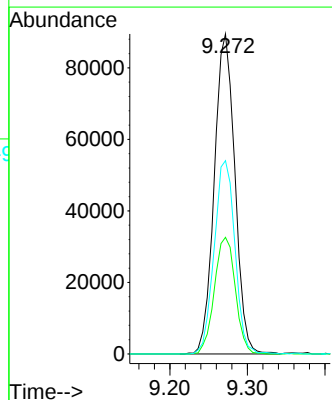
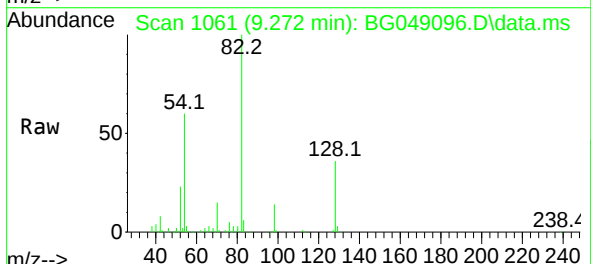
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-D

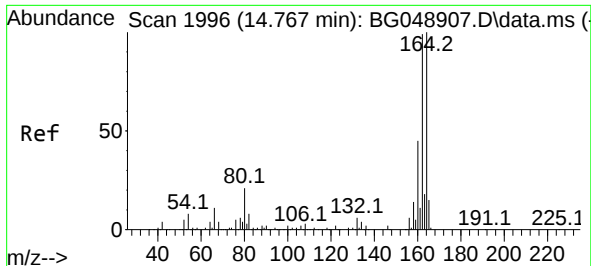
Tgt Ion:	136	Resp:	125645
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.2	12.2
54	10.2	5.5	8.3#
68	4.4	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 56.718 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Tgt Ion:	82	Resp:	165268
Ion Ratio	Lower	Upper	
82	100		
128	36.5	29.8	44.6
54	60.4	45.8	68.8

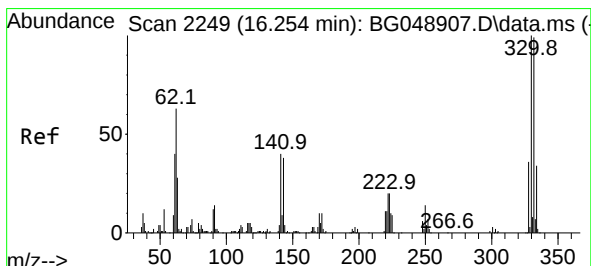
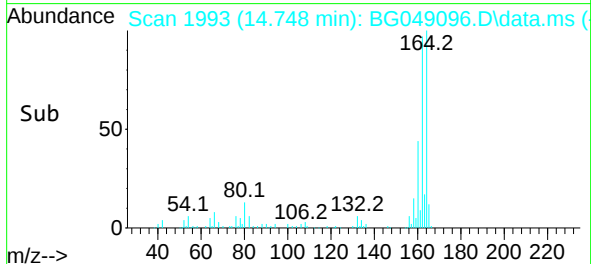
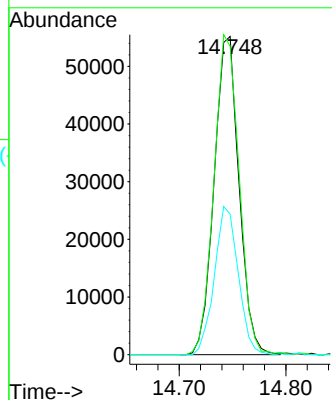
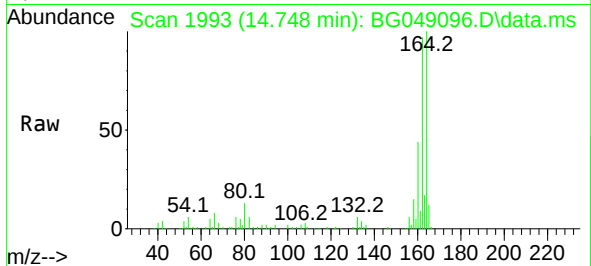




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

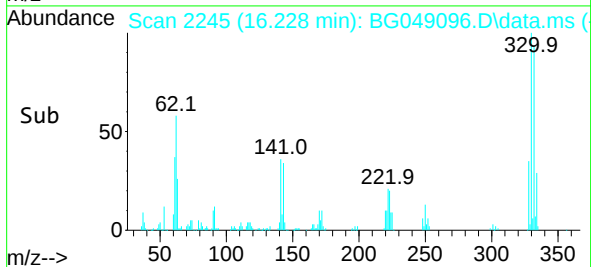
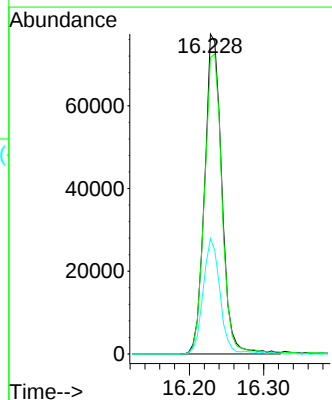
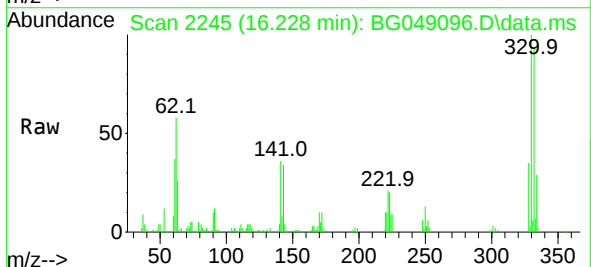
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-D

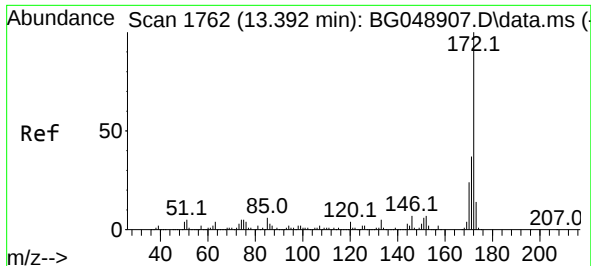
Tgt Ion:164 Resp: 89157
Ion Ratio Lower Upper
164 100
162 97.0 81.4 122.0
160 44.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 94.242 ng
RT: 16.228 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

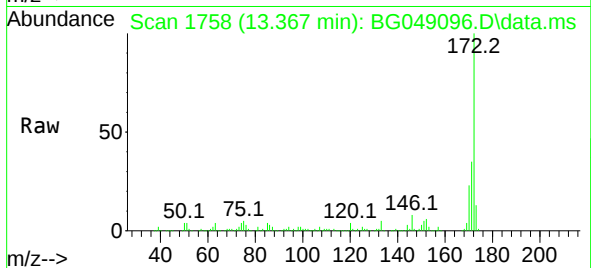
Tgt Ion:330 Resp: 124486
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 34.9 35.6 53.4#



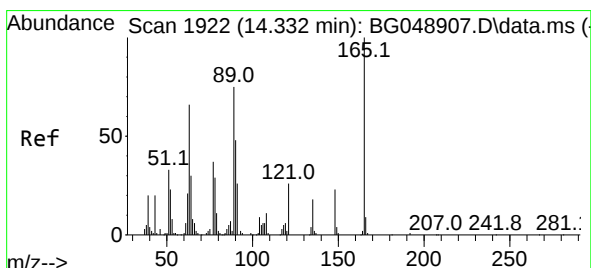
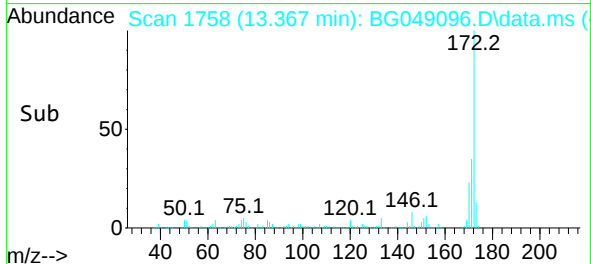
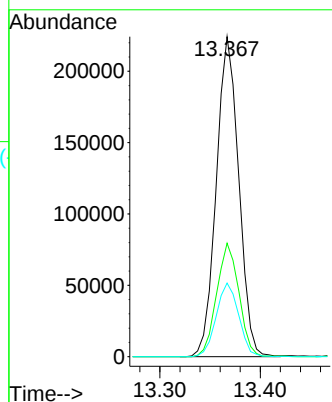


#45
2-Fluorobiphenyl
Concen: 55.098 ng
RT: 13.367 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-D

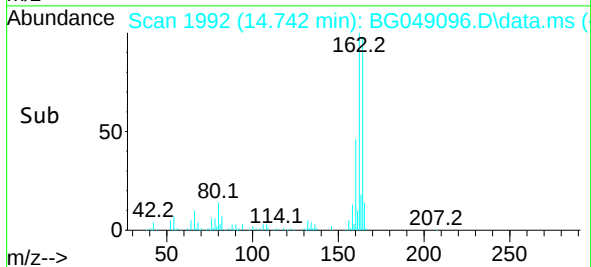
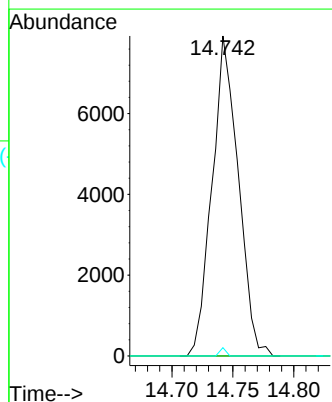
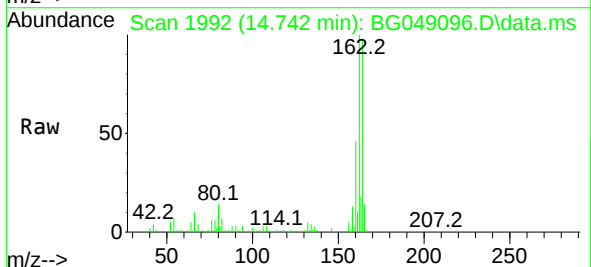


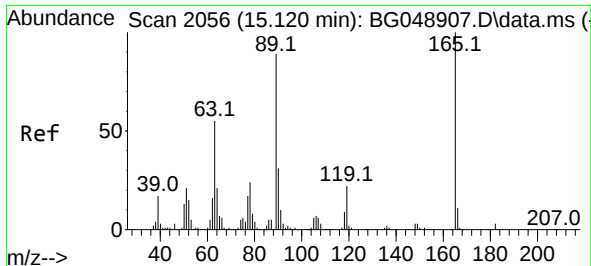
Tgt Ion:172 Resp: 347738
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.377 ng
RT: 14.742 min Scan# 1992
Delta R.T. 0.426 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Tgt Ion:165 Resp: 11848
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.6 63.4 95.0#

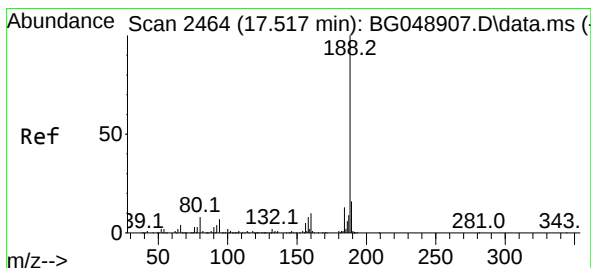
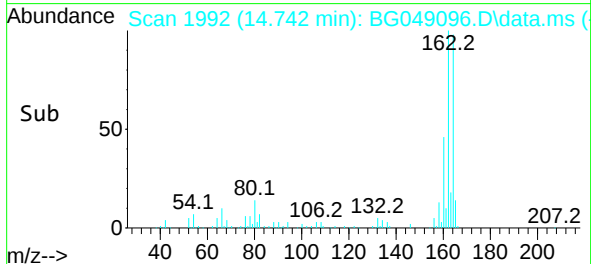
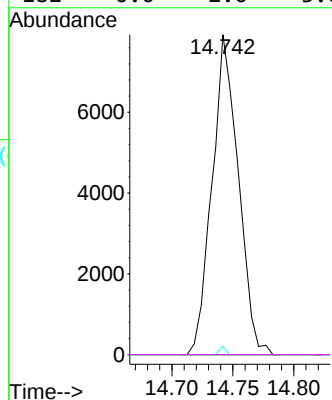
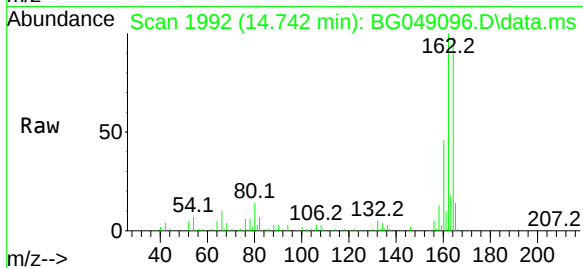




#57
2,4-Dinitrotoluene
Concen: 6.820 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.361 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

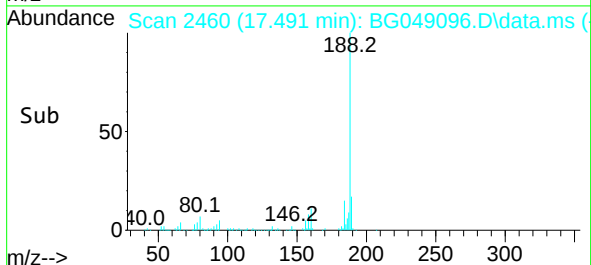
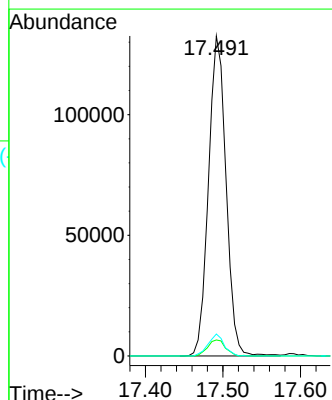
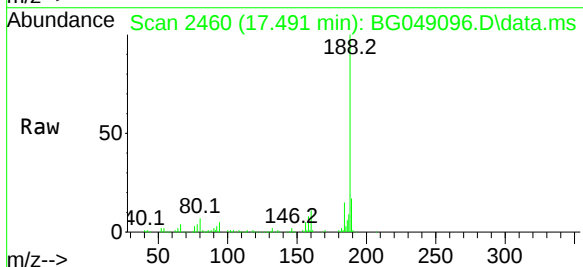
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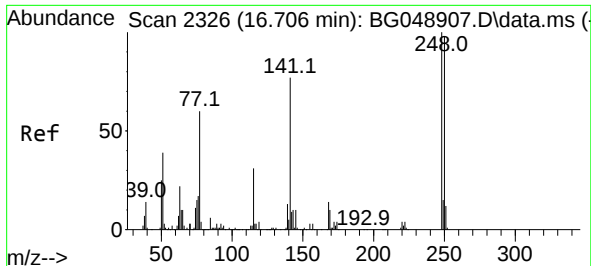
Tgt Ion:165 Resp: 11848
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.6 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Tgt Ion:188 Resp: 208404
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.8 3.7 5.5#

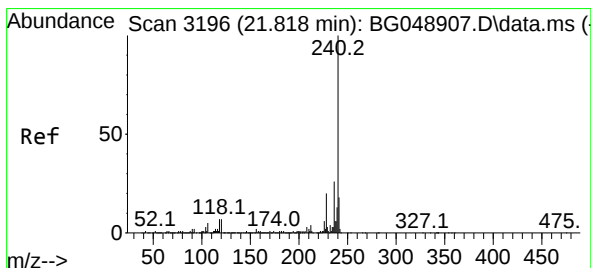
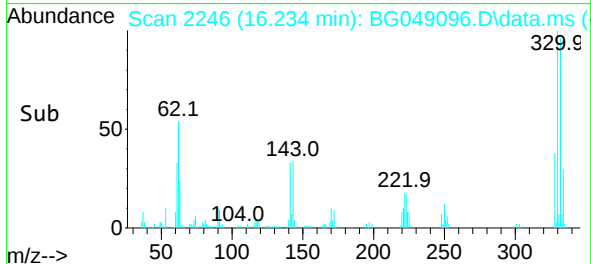
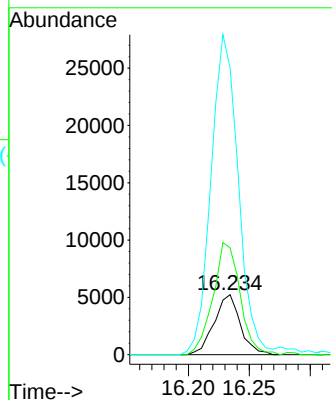
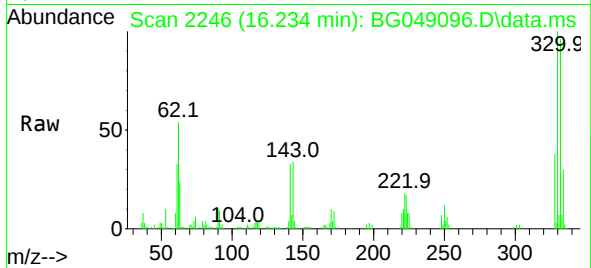




#67
4-Bromophenyl-phenylether
Concen: 3.000 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.450 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

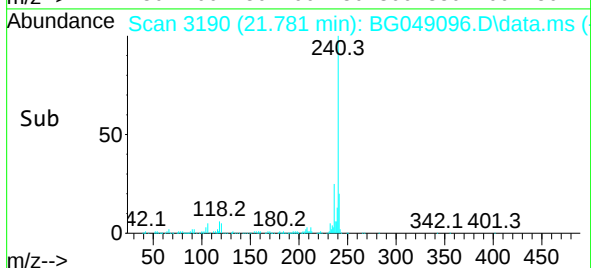
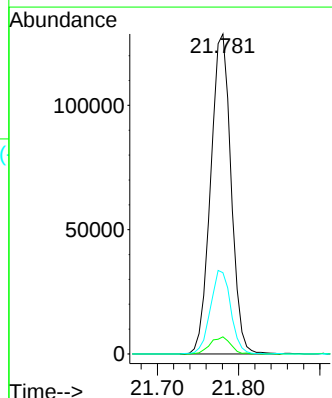
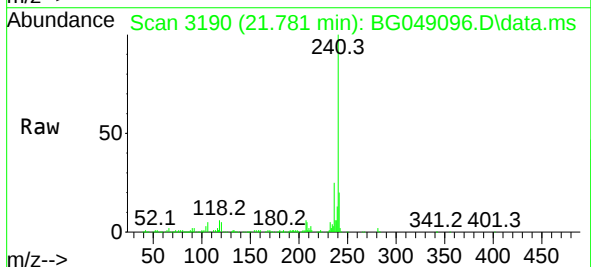
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-D

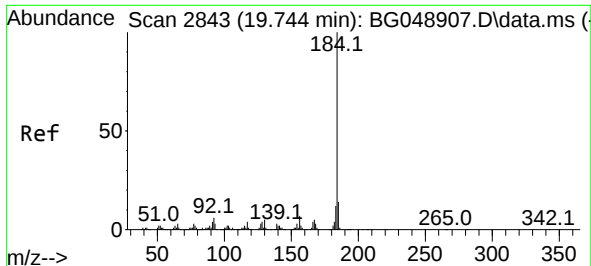
Tgt Ion:248 Resp: 7807
Ion Ratio Lower Upper
248 100
250 177.9 76.1 114.1#
141 478.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.781 min Scan# 3190
Delta R.T. -0.009 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Tgt Ion:240 Resp: 223908
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 25.4 21.8 32.6

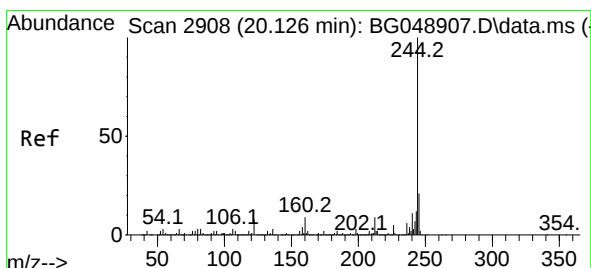
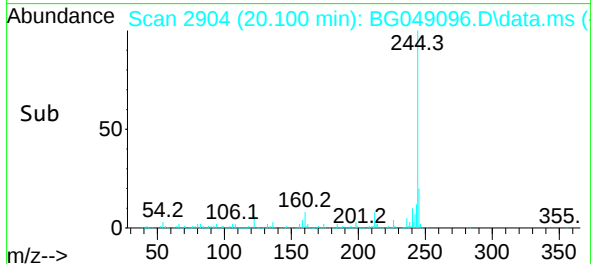
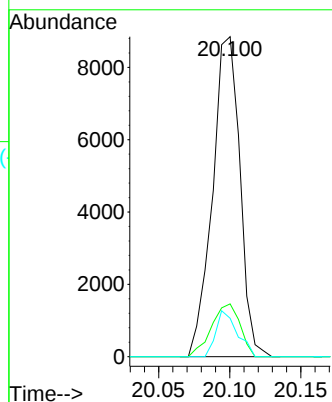
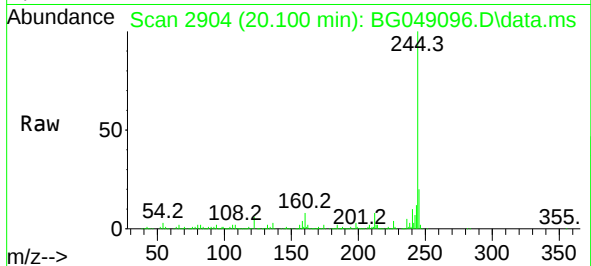




#77
Benzidine
Concen: 2.628 ng
RT: 20.100 min Scan# 2904
Delta R.T. 0.379 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

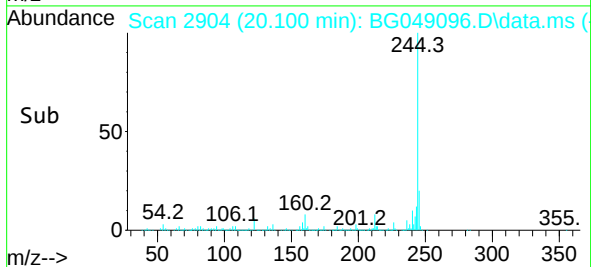
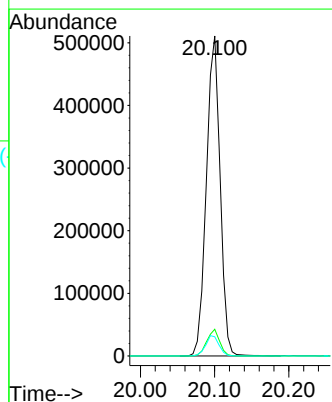
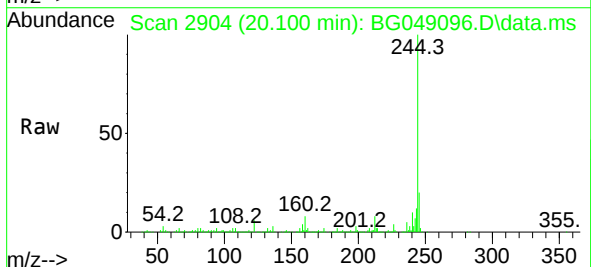
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-D

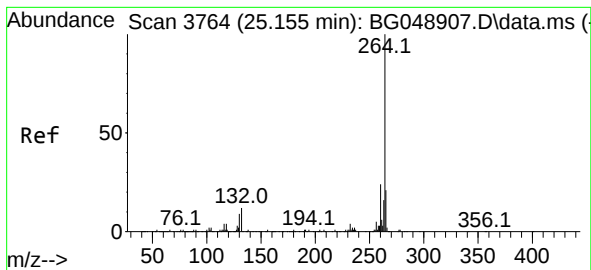
Tgt Ion:184 Resp: 11853
Ion Ratio Lower Upper
184 100
185 16.5 10.7 16.1#
183 12.0 9.4 14.0



#79
Terphenyl-d14
Concen: 53.933 ng
RT: 20.100 min Scan# 2904
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

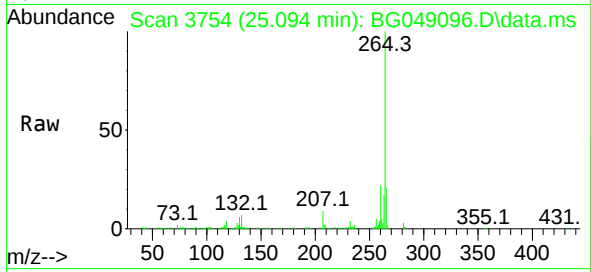
Tgt Ion:244 Resp: 659380
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.0 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.094 min Scan# 3754
 Delta R.T. -0.009 min
 Lab File: BG049096.D
 Acq: 25 Jun 2021 18:41

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-WC-D



Tgt Ion:264 Resp: 228693

Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.4	29.2
265	21.0	16.9	25.3

