

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
 Data File : BG049111.D
 Acq On : 26 Jun 2021 16:34
 Operator : CG/JU
 Sample : M2852-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-WC-S

Quant Time: Jun 27 04:32:15 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)

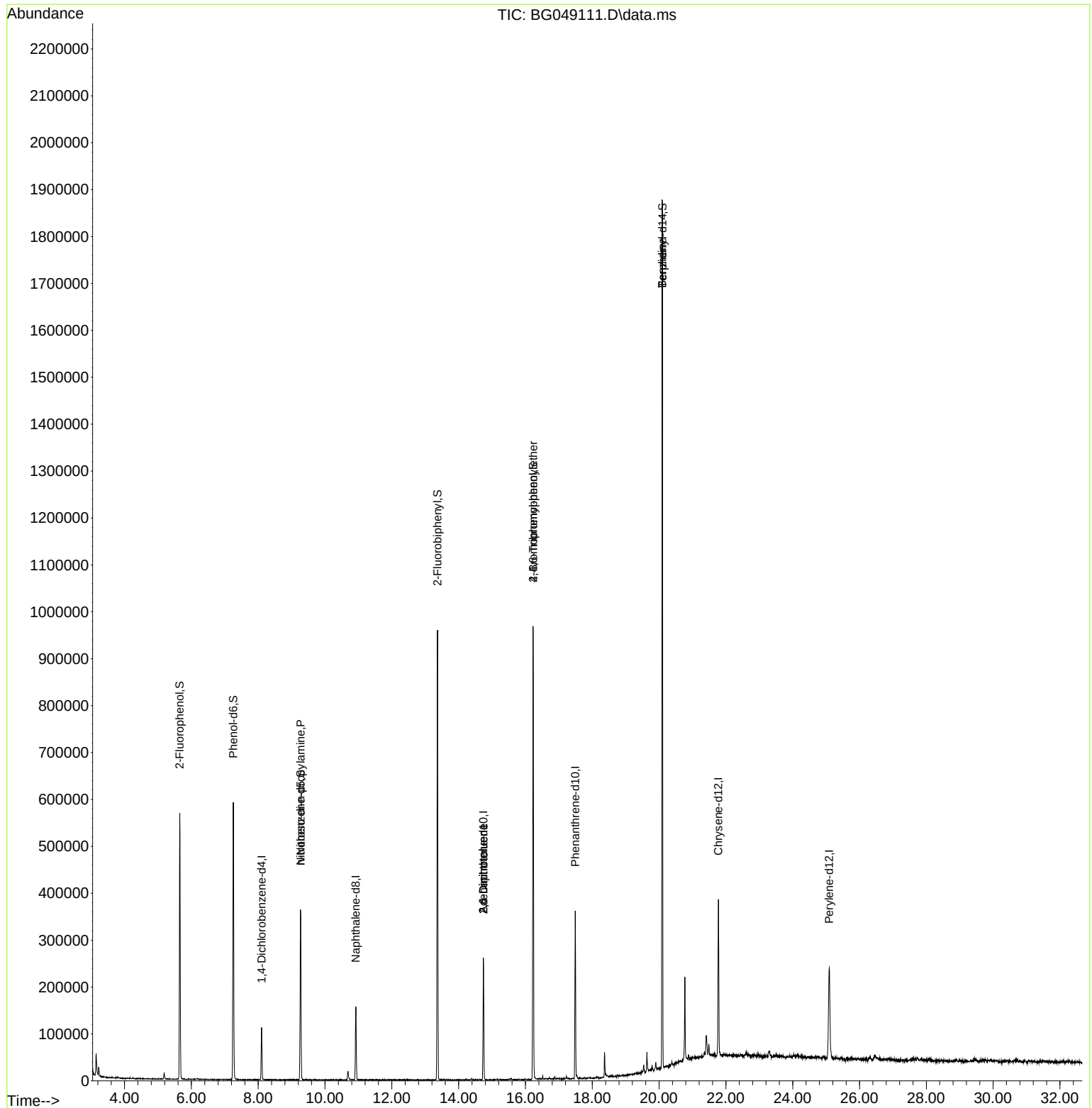
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	28480	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	127335	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	97571	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	228782	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	208909	20.00	ng	-0.01
86) Perylene-d12	25.094	264	220790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	219275	119.85	ng	0.00
7) Phenol-d6	7.256	99	303590	110.71	ng	0.00
23) Nitrobenzene-d5	9.266	82	213231	72.21	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	193949	134.17	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	489410	70.86	ng	0.00
79) Terphenyl-d14	20.100	244	892623	78.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.266	70	32200	15.02	ng	# 71
51) 2,6-Dinitrotoluene	14.742	165	12591	8.13	ng	# 10
57) 2,4-Dinitrotoluene	14.742	165	12591	6.62	ng	# 15
67) 4-Bromophenyl-phenylether	16.228	248	12206	4.27	ng	# 1
77) Benzidine	20.094	184	16366	3.89	ng	# 91

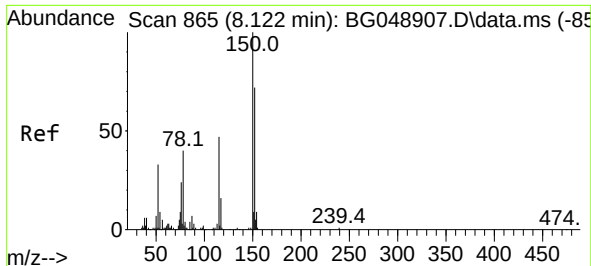
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
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QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

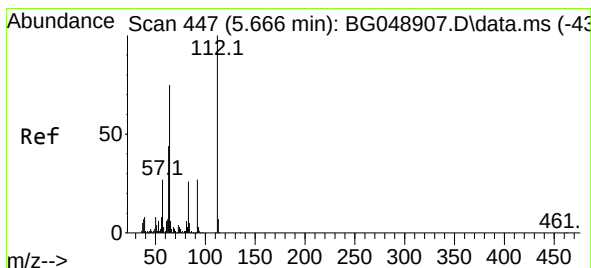
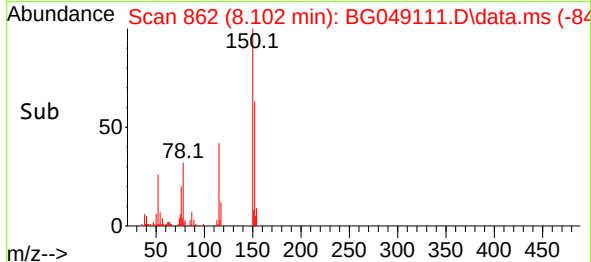
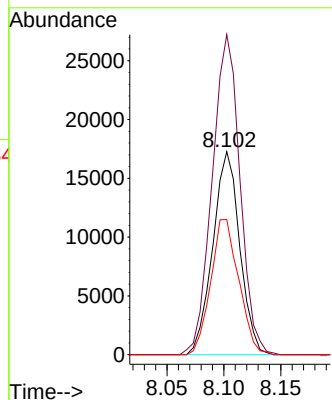
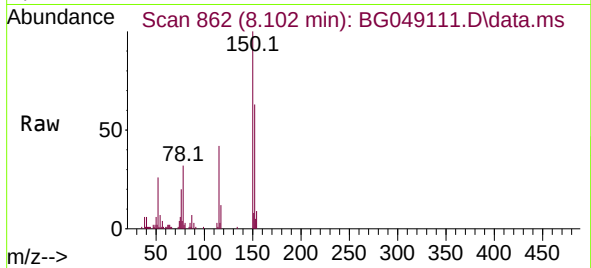




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 862
Delta R.T. -0.003 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

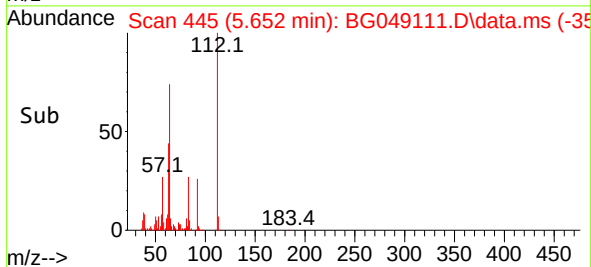
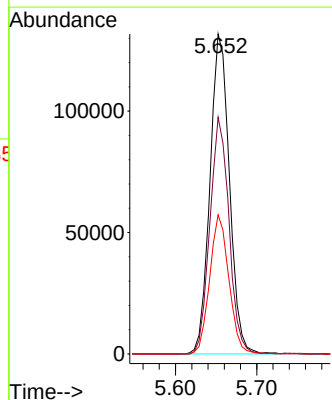
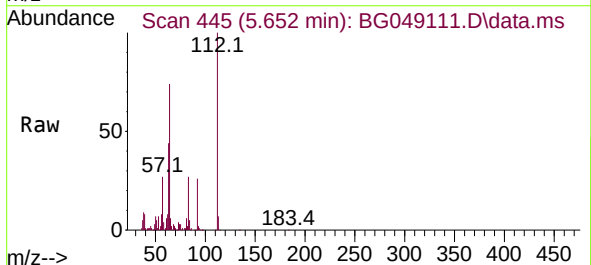
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-S

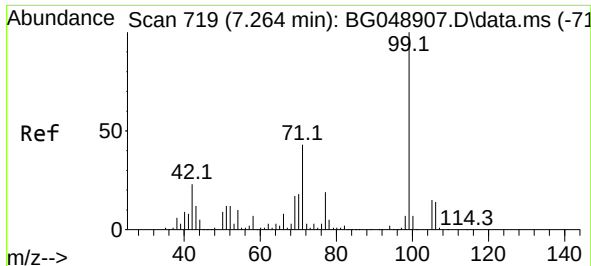
Tgt Ion:152 Resp: 28480
Ion Ratio Lower Upper
152 100
150 157.6 119.4 179.0
115 66.6 60.2 90.4



#5
2-Fluorophenol
Concen: 119.85 ng
RT: 5.652 min Scan# 445
Delta R.T. -0.003 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

Tgt Ion:112 Resp: 219275
Ion Ratio Lower Upper
112 100
64 73.9 46.7 70.1#
63 43.5 35.3 52.9

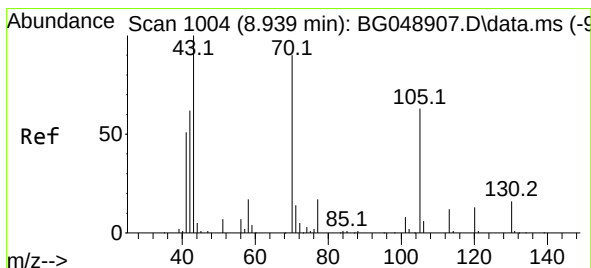
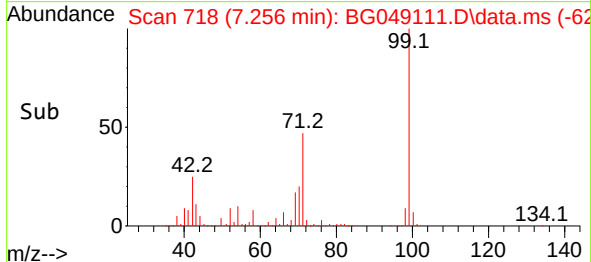
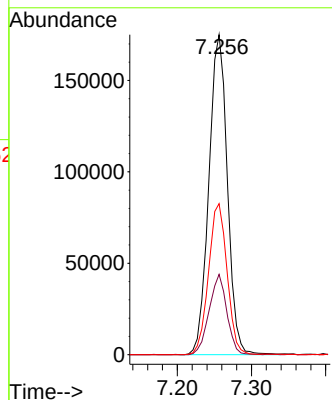
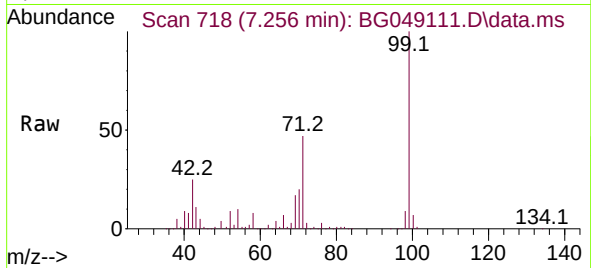




#7
Phenol-d6
Concen: 110.71 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

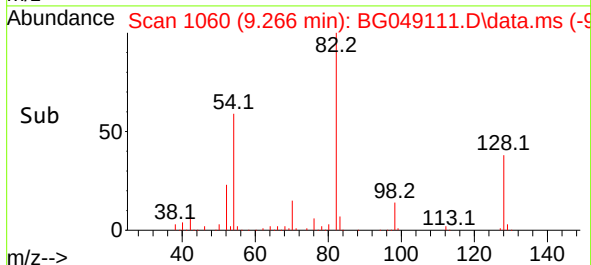
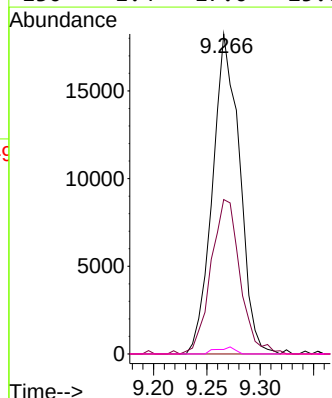
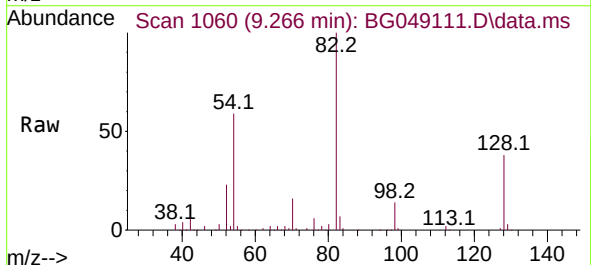
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-S

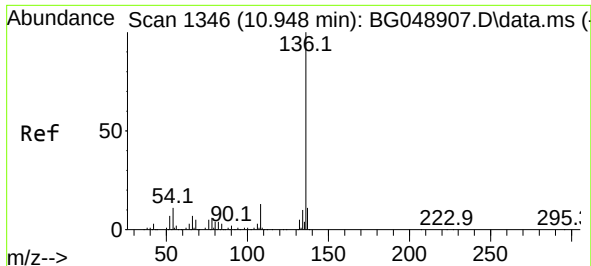
Tgt Ion: 99 Resp: 303590
Ion Ratio Lower Upper
99 100
42 25.1 20.5 30.7
71 47.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.02 ng
RT: 9.266 min Scan# 1060
Delta R.T. 0.355 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

Tgt Ion: 70 Resp: 32200
Ion Ratio Lower Upper
70 100
42 48.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

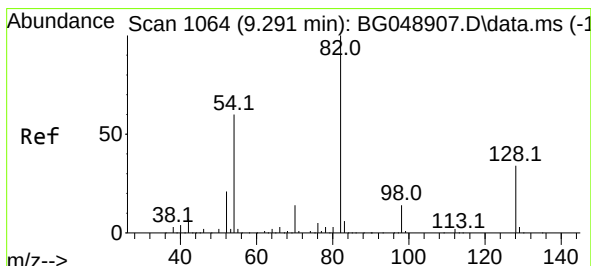
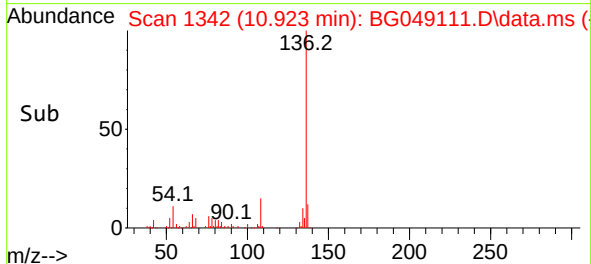
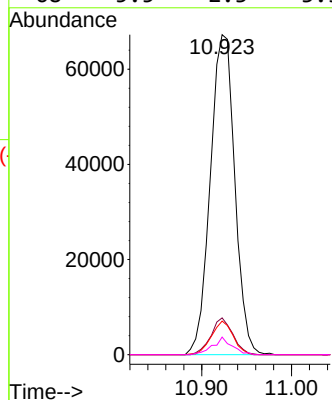
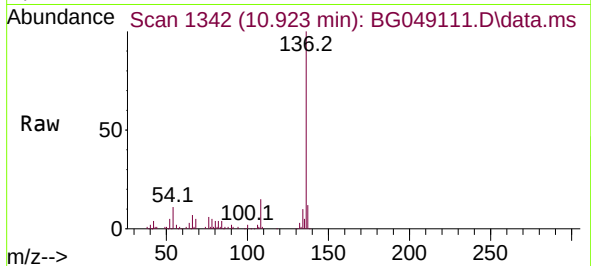




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.003 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

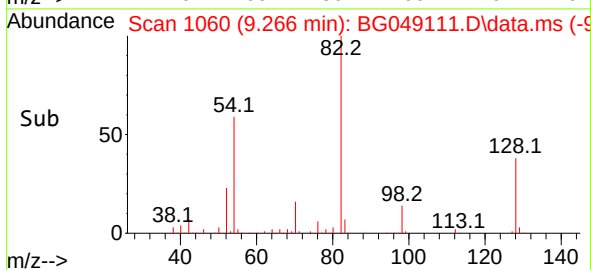
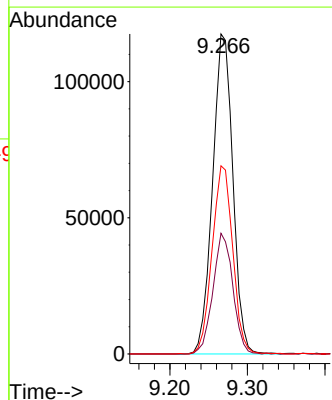
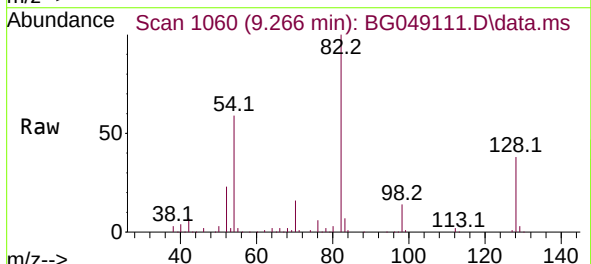
Instrument :
BNA_G
ClientSampleId :
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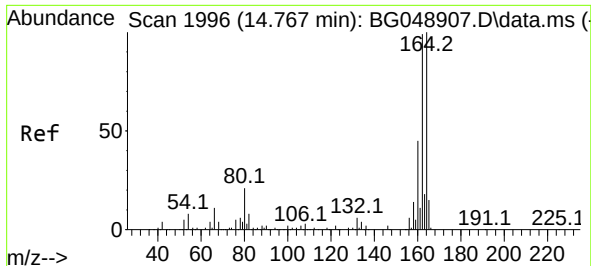
Tgt Ion:136	Resp: 127335
Ion Ratio	Lower Upper
136	100
137	11.5 8.2 12.2
54	10.5 5.5 8.3#
68	5.5 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 72.21 ng
RT: 9.266 min Scan# 1060
Delta R.T. -0.009 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

Tgt Ion: 82	Resp: 213231
Ion Ratio	Lower Upper
82	100
128	37.7 29.8 44.6
54	58.8 45.8 68.8

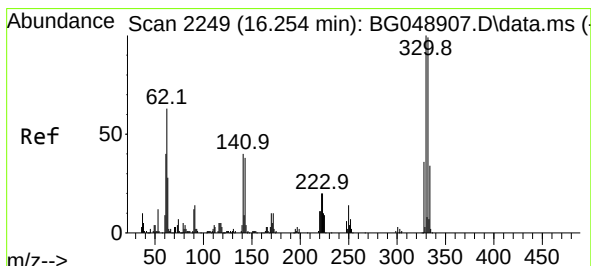
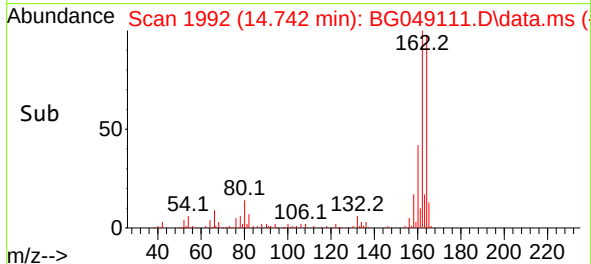
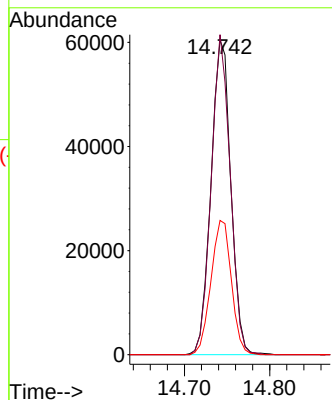
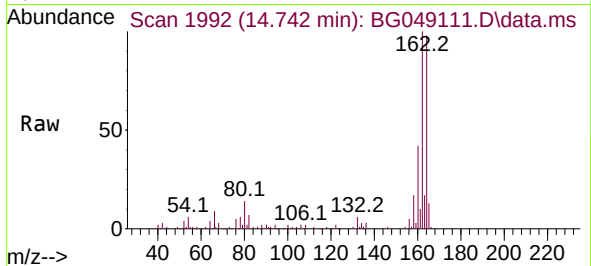




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.009 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

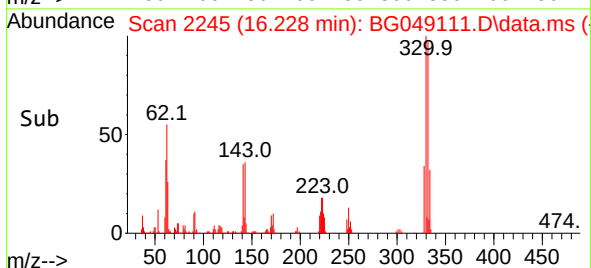
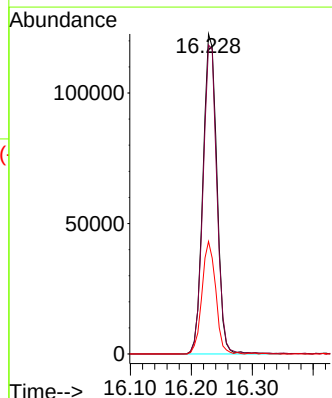
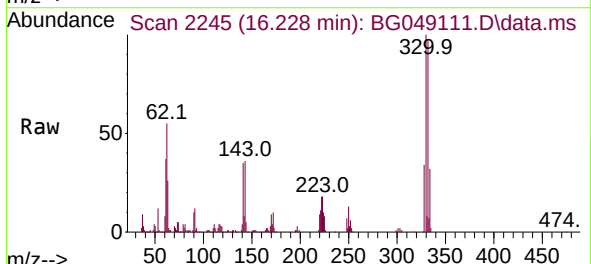
Instrument :
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ClientSampleId :
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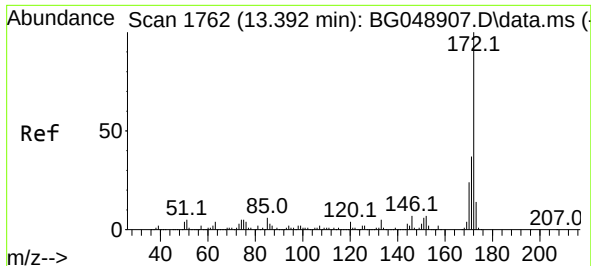
Tgt Ion:164 Resp: 97571
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 42.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 134.17 ng
RT: 16.228 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

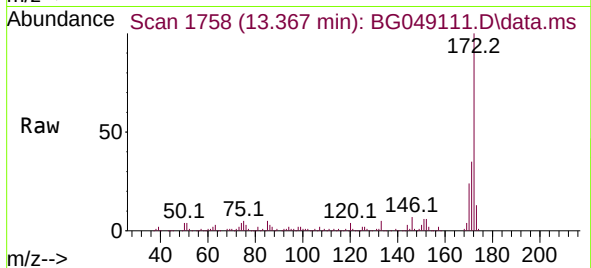
Tgt Ion:330 Resp: 193949
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 34.6 35.6 53.4#



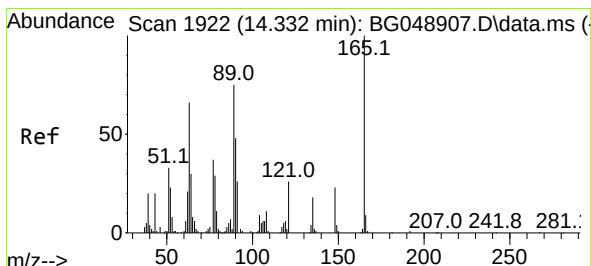
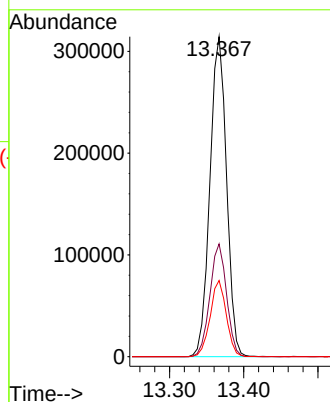
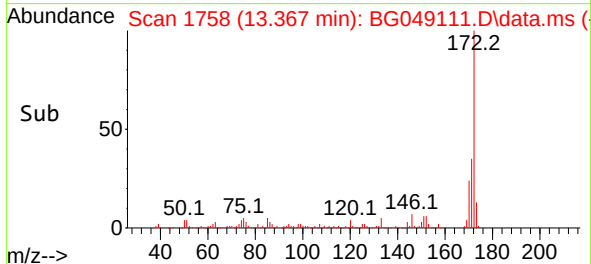


#45
2-Fluorobiphenyl
Concen: 70.86 ng
RT: 13.367 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

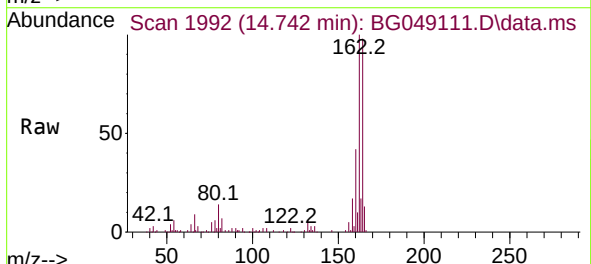
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-S



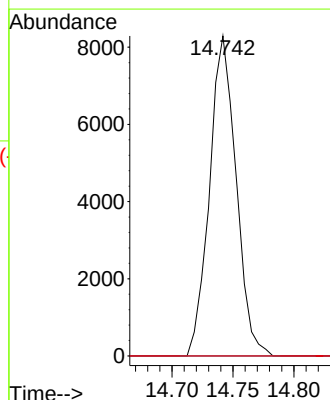
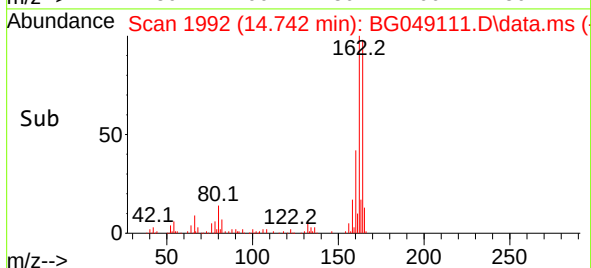
Tgt Ion:172 Resp: 489410
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.8 18.6 27.8

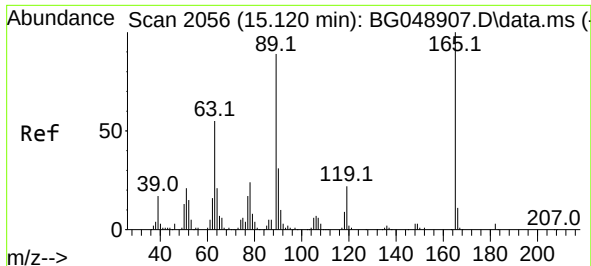


#51
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 14.742 min Scan# 1992
Delta R.T. 0.426 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34



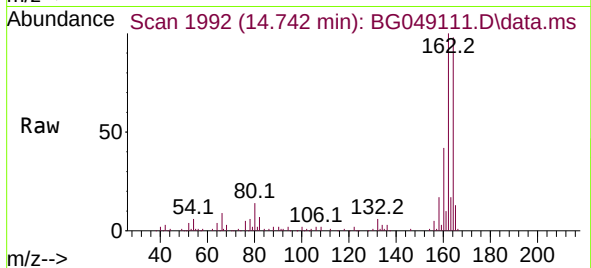
Tgt Ion:165 Resp: 12591
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



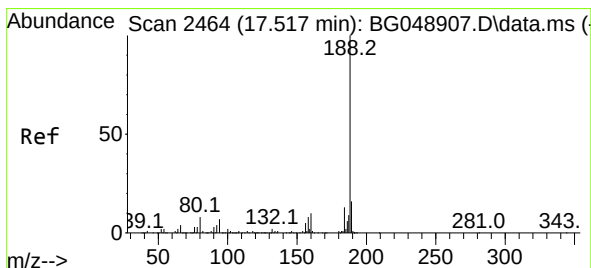
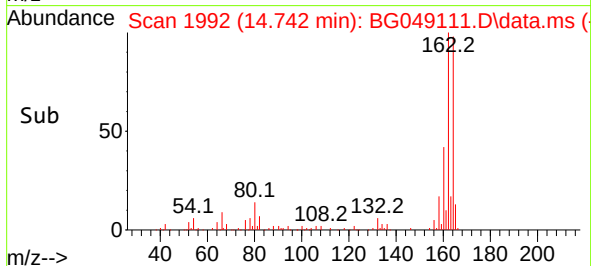
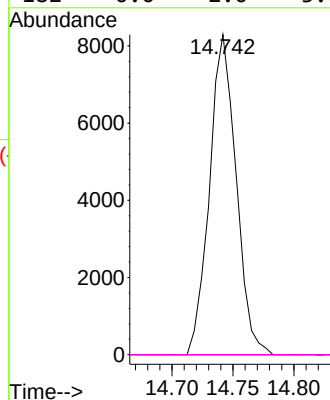


#57
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.361 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-S

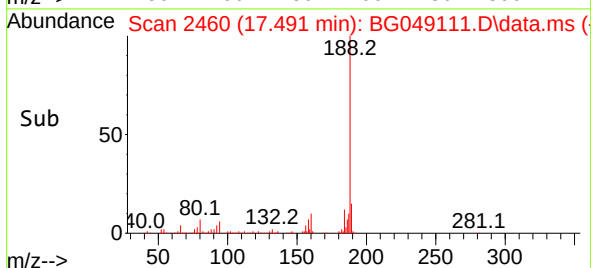
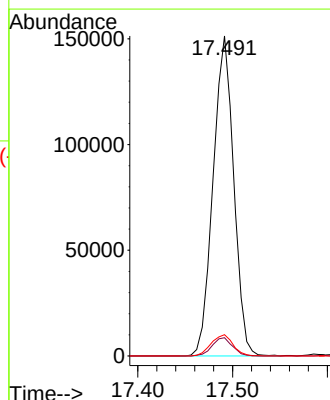
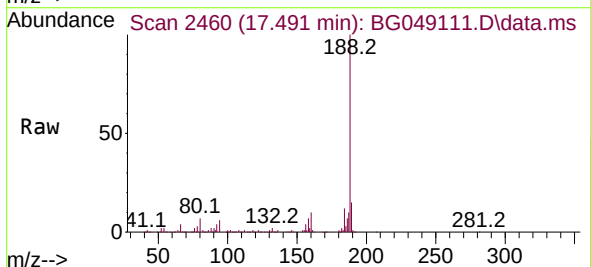


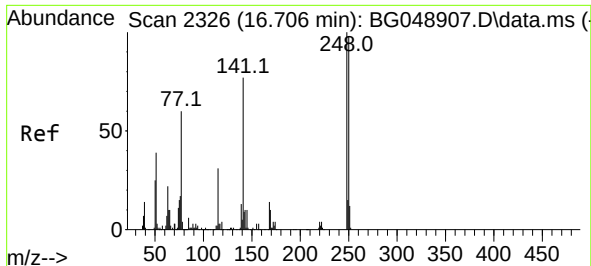
Tgt Ion:165 Resp: 12591
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

Tgt Ion:188 Resp: 228782
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 6.7 3.7 5.5#

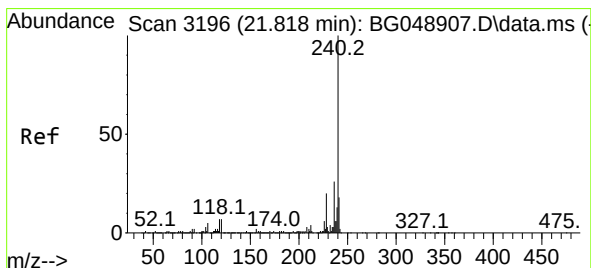
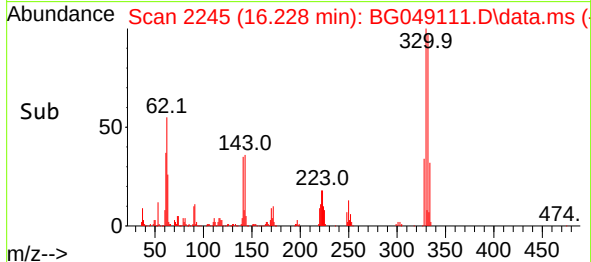
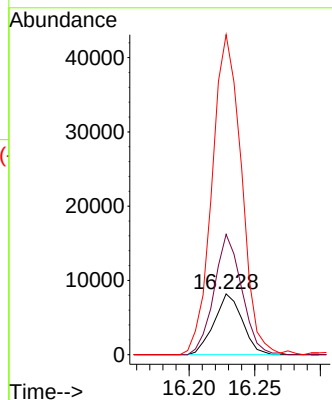
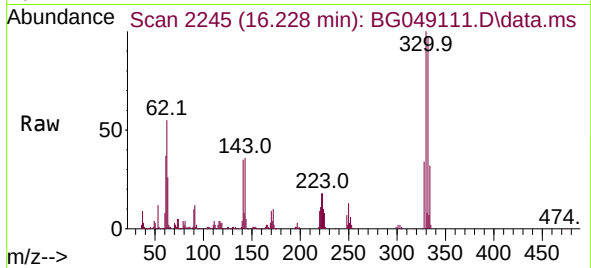




#67
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 16.228 min Scan# 2245
Delta R.T. -0.455 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

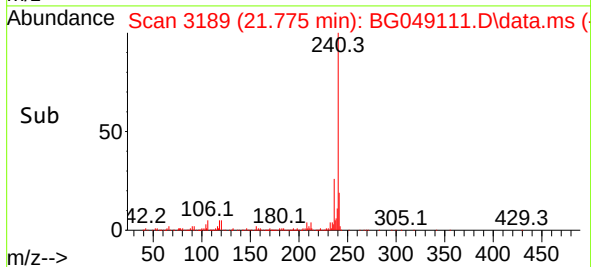
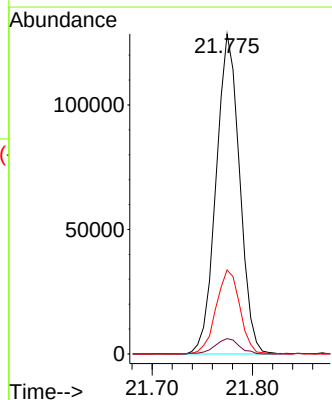
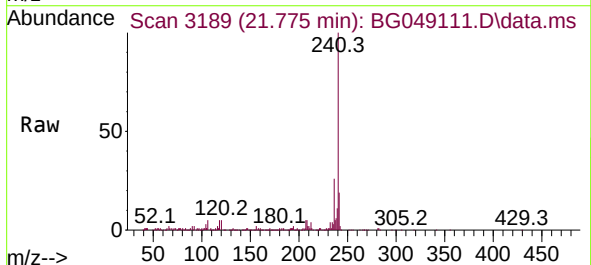
Instrument :
BNA_G
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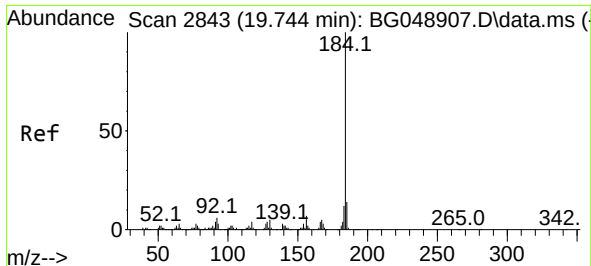
Tgt Ion:248 Resp: 12206
Ion Ratio Lower Upper
248 100
250 197.7 76.1 114.1#
141 526.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3189
Delta R.T. -0.015 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

Tgt Ion:240 Resp: 208909
Ion Ratio Lower Upper
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120 4.8 4.2 6.2
236 26.2 21.8 32.6

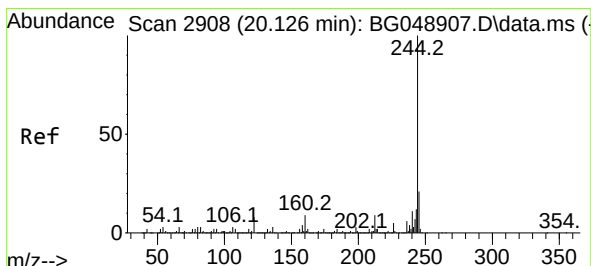
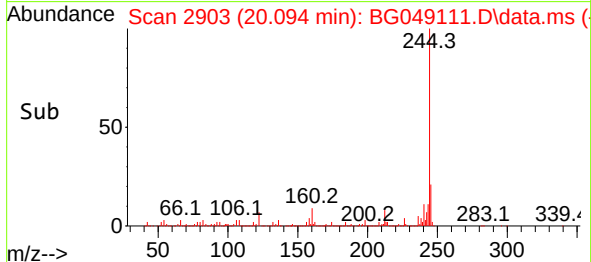
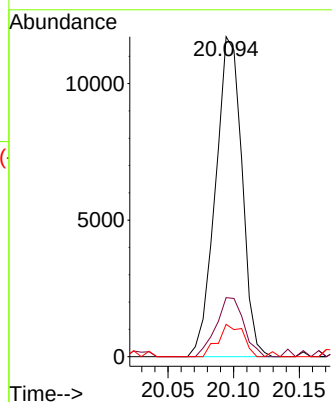
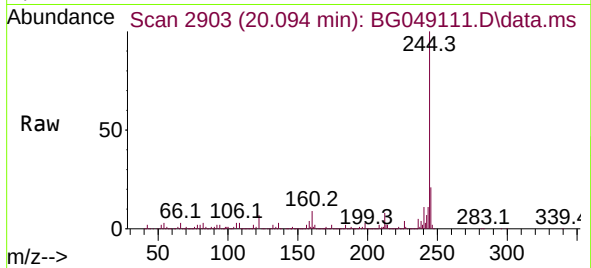




#77
Benzidine
Concen: 3.89 ng
RT: 20.094 min Scan# 2903
Delta R.T. 0.373 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

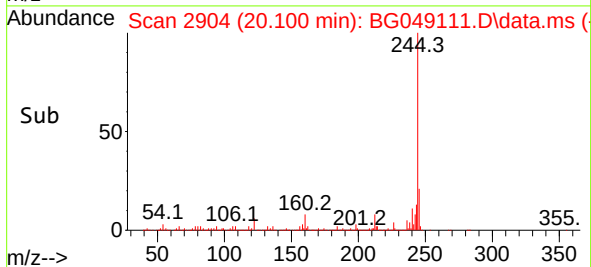
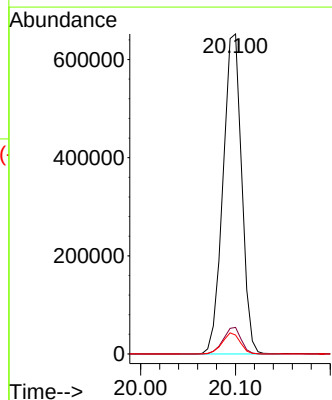
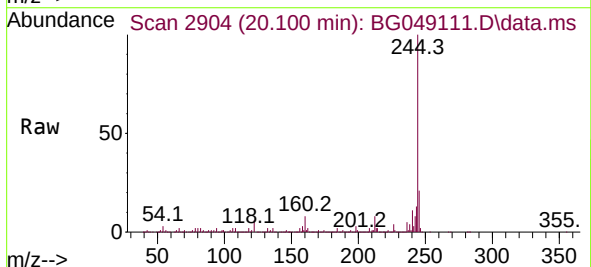
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-S

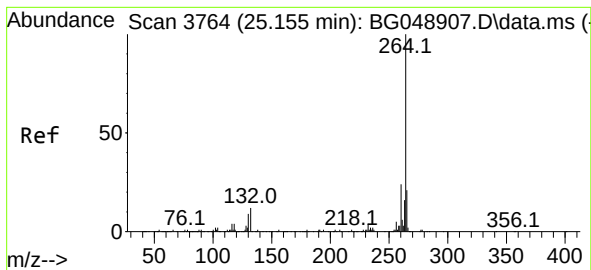
Tgt Ion:184 Resp: 16366
Ion Ratio Lower Upper
184 100
185 18.4 10.7 16.1#
183 10.1 9.4 14.0



#79
Terphenyl-d14
Concen: 78.25 ng
RT: 20.100 min Scan# 2904
Delta R.T. -0.003 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

Tgt Ion:244 Resp: 892623
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 5.9 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.094 min Scan# 3754
Delta R.T. -0.009 min
Lab File: BG049111.D
Acq: 26 Jun 2021 16:34

Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-S

Tgt Ion:264 Resp: 220790

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.4	29.2
265	23.8	16.9	25.3

