

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
 Data File : BG048631.D
 Acq On : 8 Apr 2021 00:25
 Operator : CG/JU
 Sample : M1955-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SIDEWALK-206

Quant Time: Apr 08 03:36:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

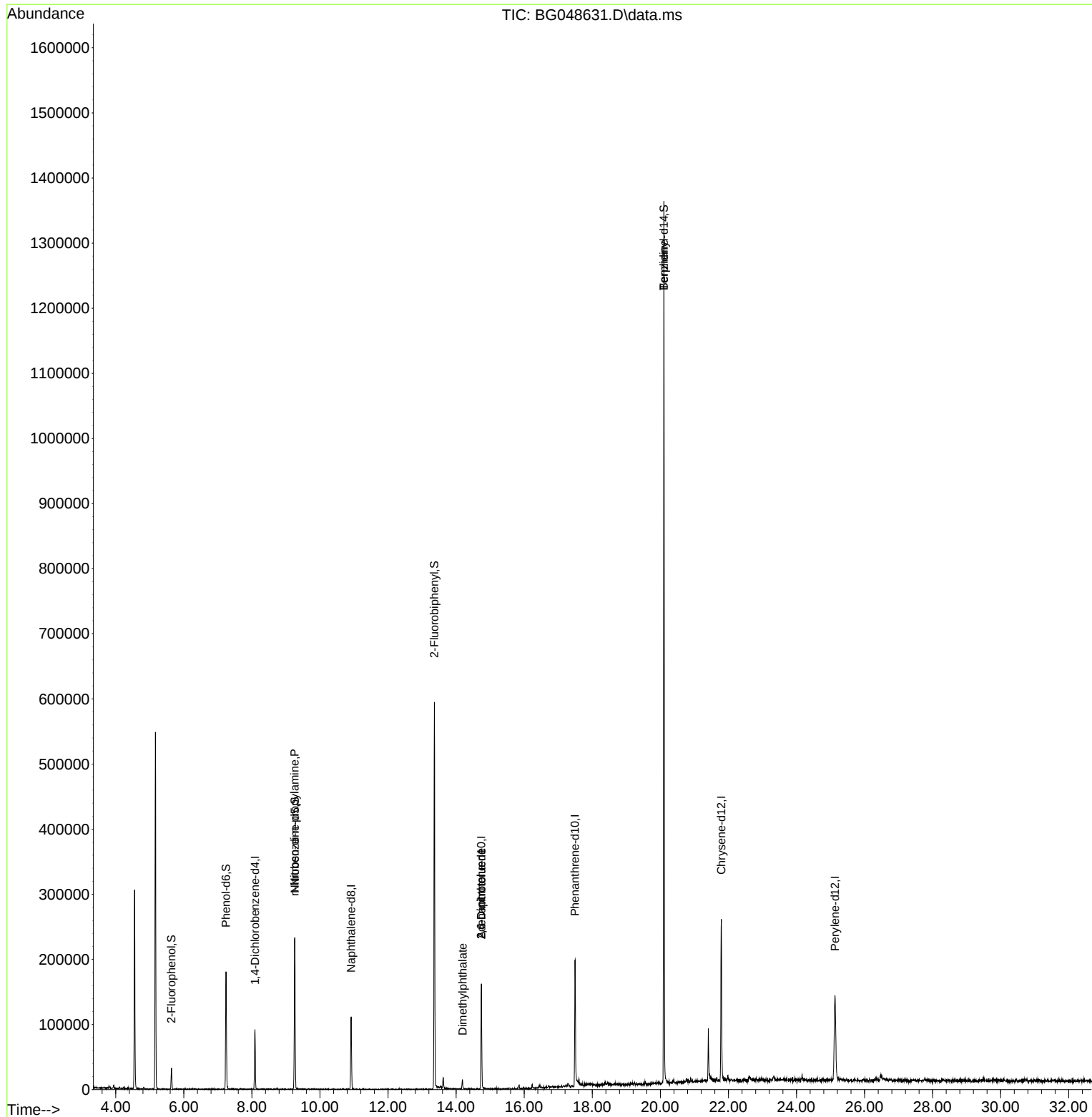
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	22942	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	91761	20.00	ng	0.00
39) Acenaphthene-d10	14.742	164	58496	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	142699	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	163962	20.00	ng	# 0.00
86) Perylene-d12	25.130	264	161147	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	12893	9.92	ng	0.00
7) Phenol-d6	7.239	99	95659	50.76	ng	0.00
23) Nitrobenzene-d5	9.260	82	137608	72.60	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	1011	1.31	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	306349	77.84	ng	0.00
79) Terphenyl-d14	20.106	244	636881	71.03	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.254	70	22056	16.98	ng	# 78
50) Dimethylphthalate	14.190	163	9739	2.24	ng	# 95
51) 2,6-Dinitrotoluene	14.742	165	7693	7.75	ng	# 17
57) 2,4-Dinitrotoluene	14.742	165	7693	5.48	ng	# 22
77) Benzidine	20.106	184	12200	2.20	ng	# 80

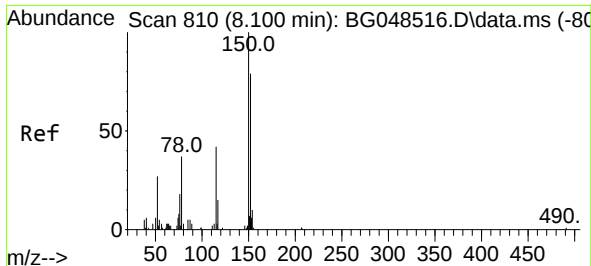
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

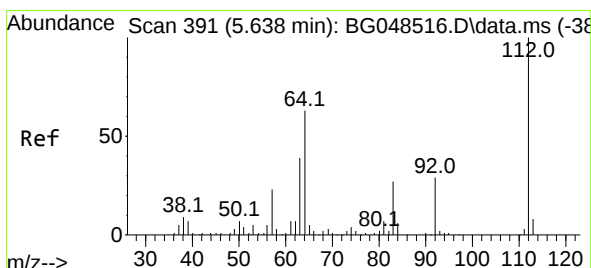
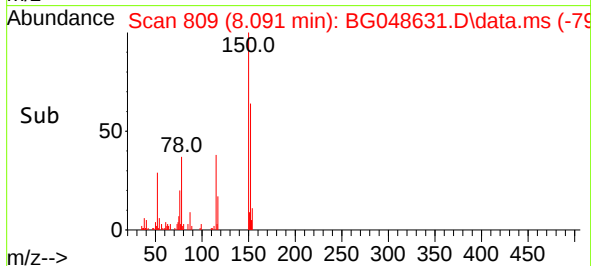
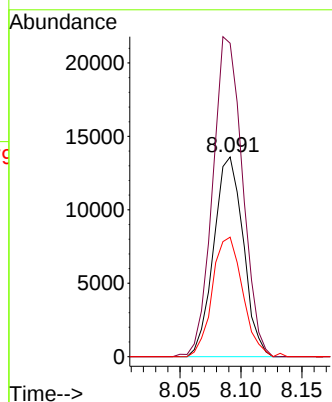
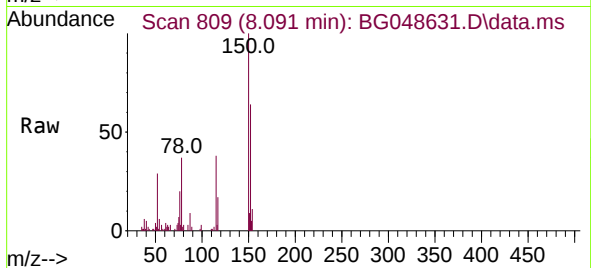




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

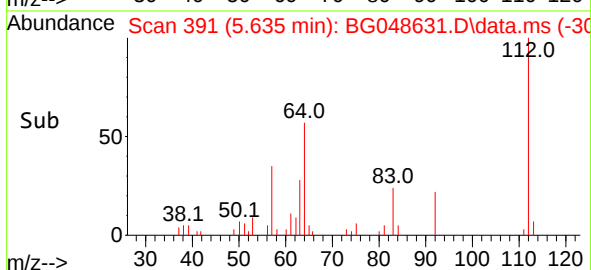
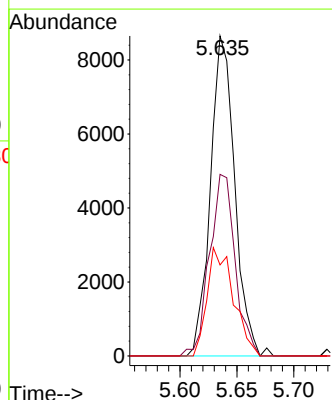
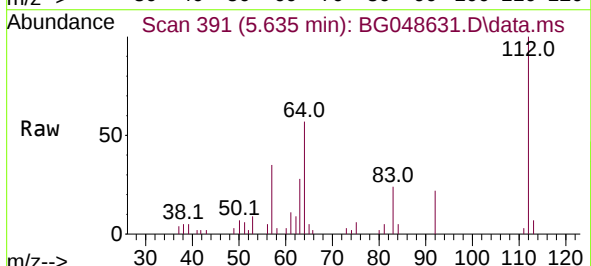
Instrument :
BNA_G
ClientSampleId :
SIDEWALK-206

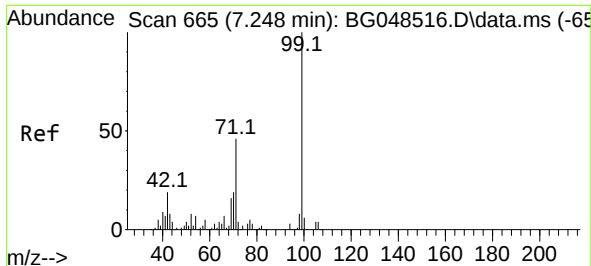
Tgt Ion:152 Resp: 22942
Ion Ratio Lower Upper
152 100
150 157.0 101.3 151.9#
115 59.9 42.3 63.5



#5
2-Fluorophenol
Concen: 9.92 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

Tgt Ion:112 Resp: 12893
Ion Ratio Lower Upper
112 100
64 56.7 50.4 75.6
63 28.5 31.4 47.2#

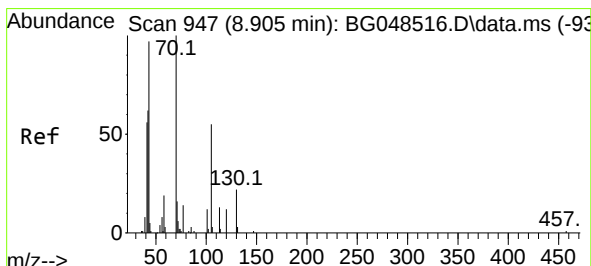
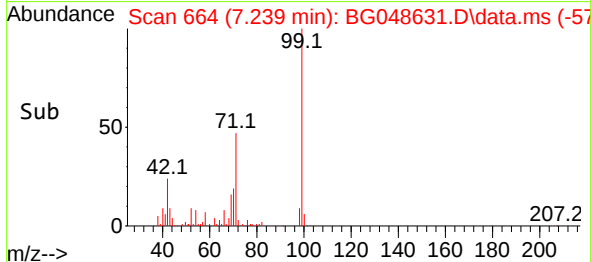
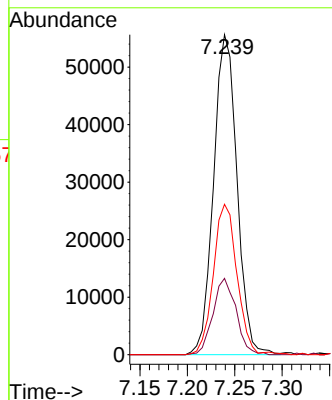
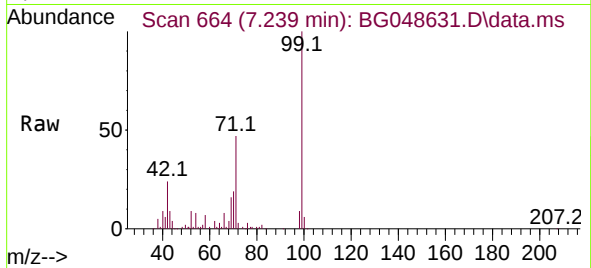




#7
Phenol-d6
Concen: 50.76 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

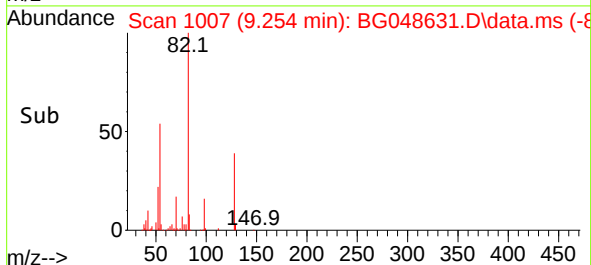
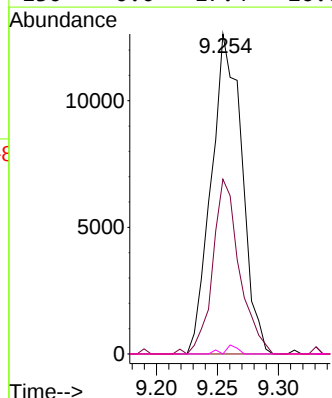
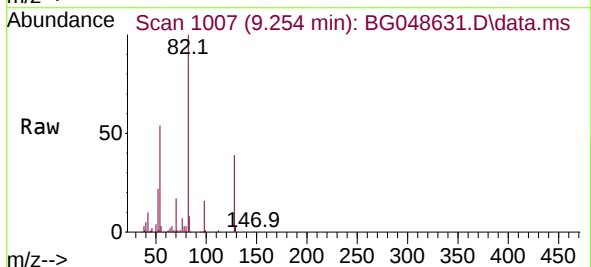
Instrument :
BNA_G
ClientSampleId :
SIDEWALK-206

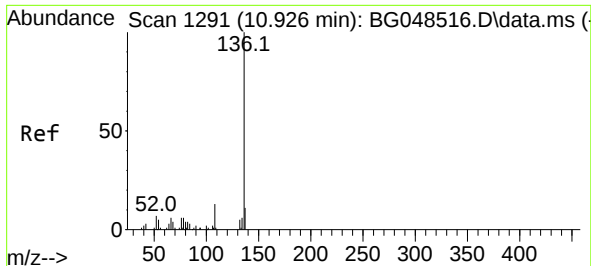
Tgt Ion: 99 Resp: 95659
Ion Ratio Lower Upper
99 100
42 23.8 15.5 23.3#
71 47.0 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.98 ng
RT: 9.254 min Scan# 1007
Delta R.T. 0.349 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

Tgt Ion: 70 Resp: 22056
Ion Ratio Lower Upper
70 100
42 54.6 50.8 76.2
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#

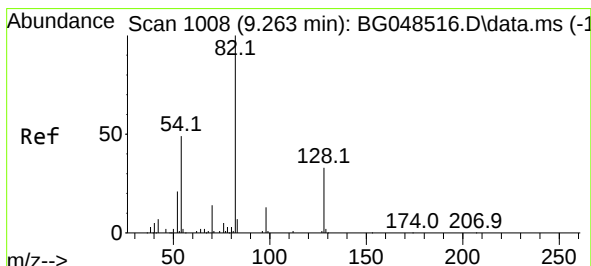
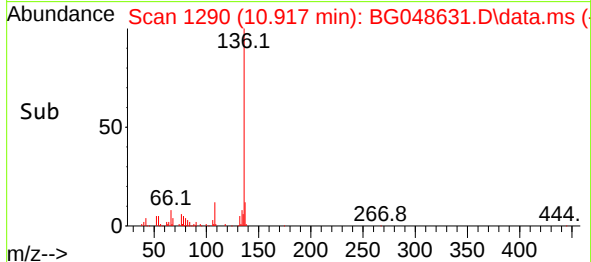
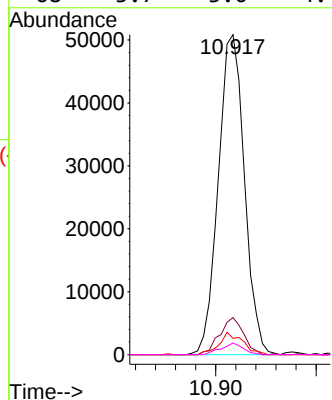
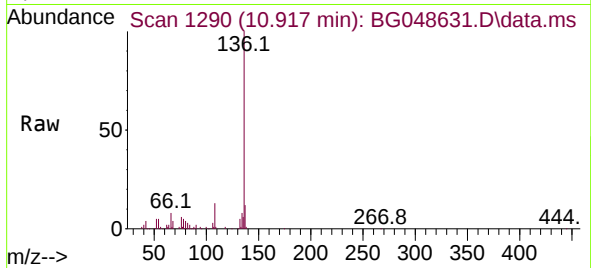




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

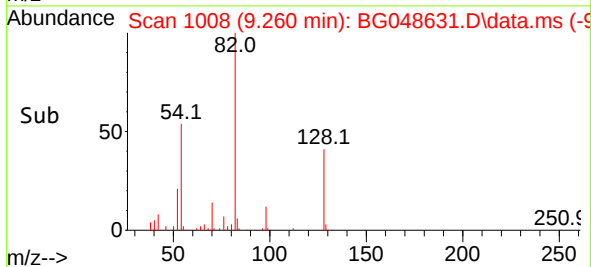
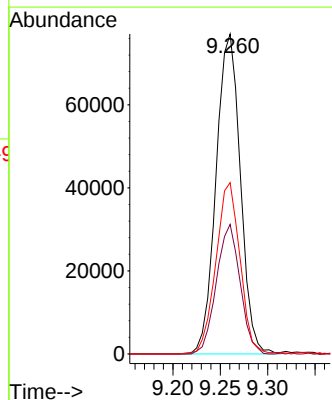
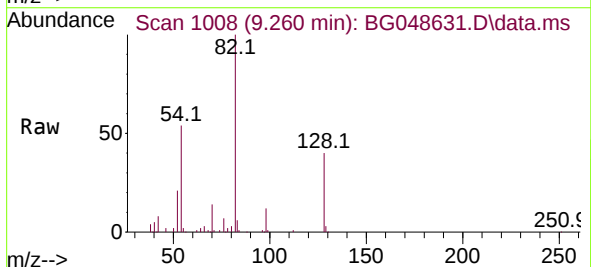
Instrument :
BNA_G
ClientSampleId :
SIDEWALK-206

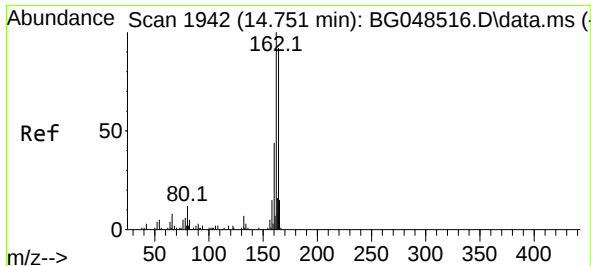
Tgt Ion:	136	Resp:	91761
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	12.8
54	5.1	4.2	6.4
68	3.7	3.0	4.4



#23
Nitrobenzene-d5
Concen: 72.60 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

Tgt Ion:	82	Resp:	137608
Ion Ratio	Lower	Upper	
82	100		
128	40.5	26.2	39.4
54	53.6	38.9	58.3

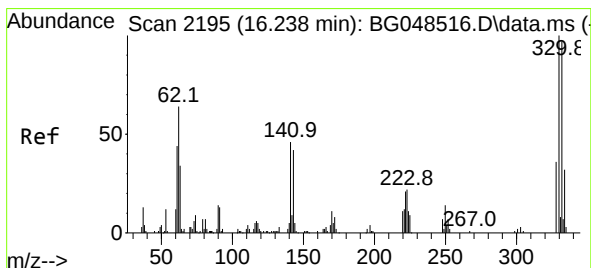
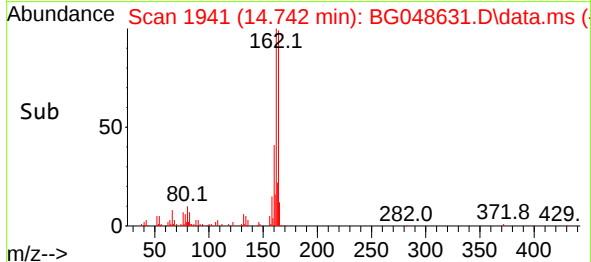
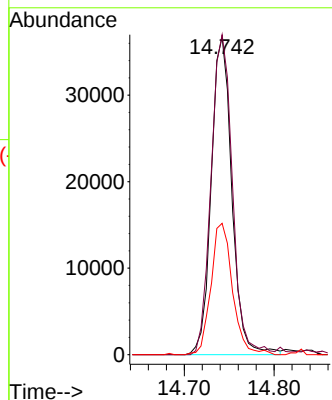
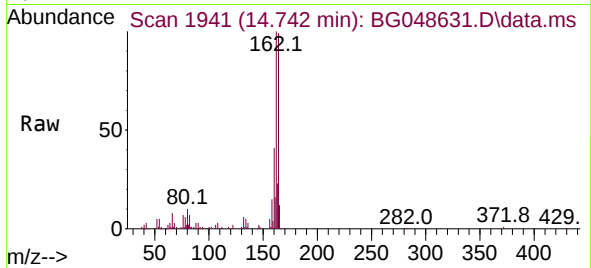




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

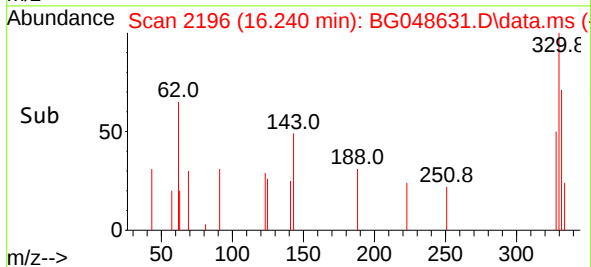
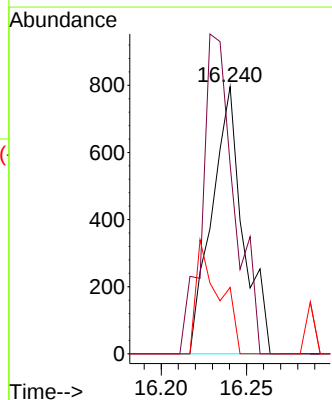
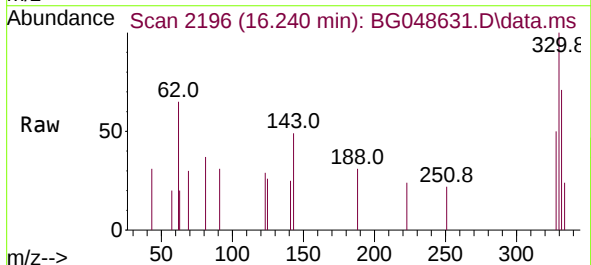
Instrument :
BNA_G
ClientSampleId :
SIDEWALK-206

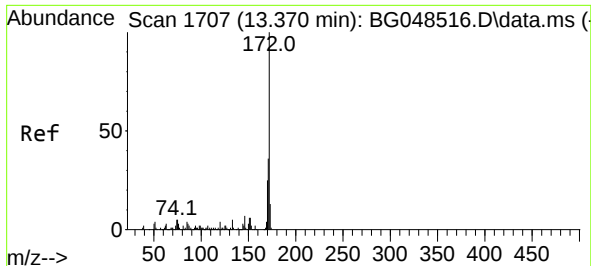
Tgt Ion:164 Resp: 58496
Ion Ratio Lower Upper
164 100
162 100.8 87.0 130.6
160 41.4 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 1.31 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.003 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

Tgt Ion:330 Resp: 1011
Ion Ratio Lower Upper
330 100
332 122.2 77.6 116.4#
141 31.7 34.6 52.0#

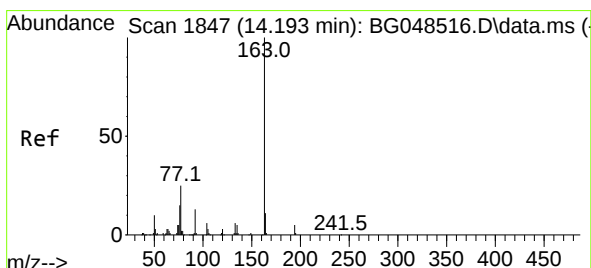
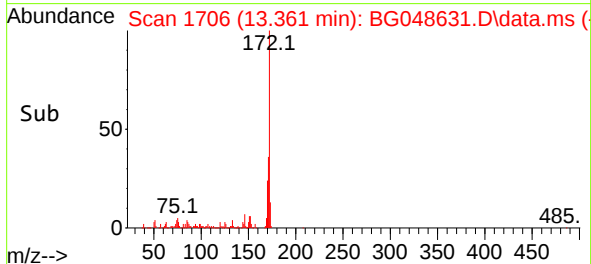
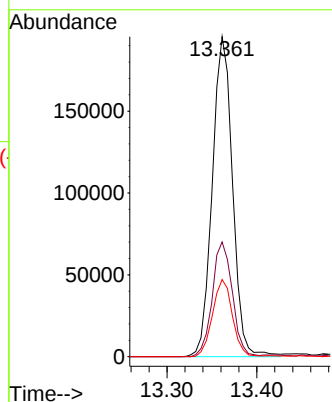
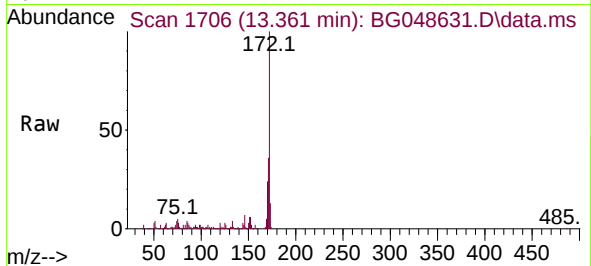




#45
2-Fluorobiphenyl
Concen: 77.84 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

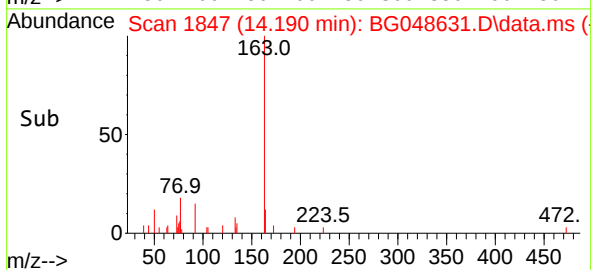
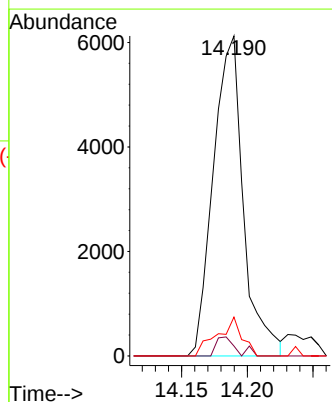
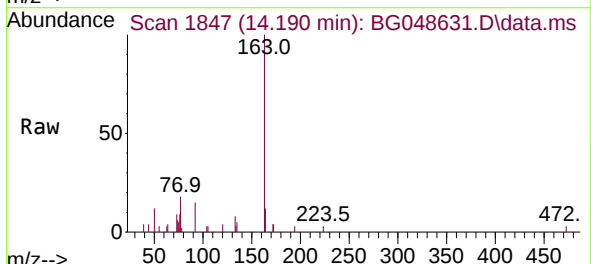
Instrument :
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ClientSampleId :
SIDEWALK-206

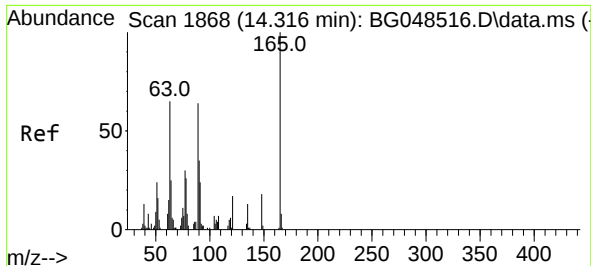
Tgt Ion:172 Resp: 306349
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.1 19.8 29.6



#50
Dimethylphthalate
Concen: 2.24 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.003 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

Tgt Ion:163 Resp: 9739
Ion Ratio Lower Upper
163 100
194 3.1 4.1 6.1#
164 12.2 8.6 12.8

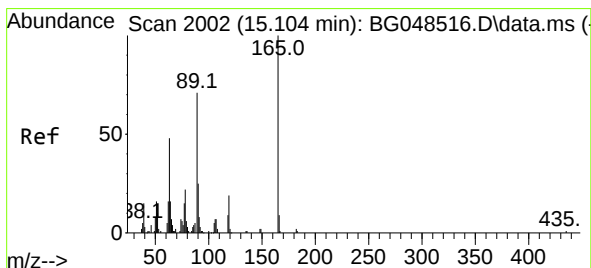
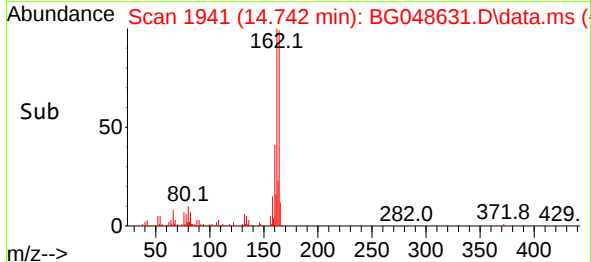
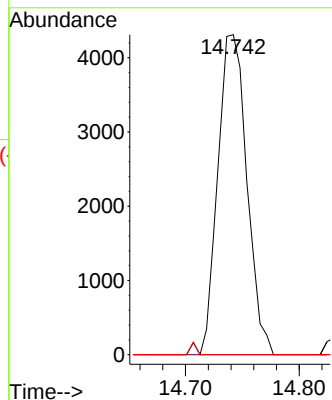
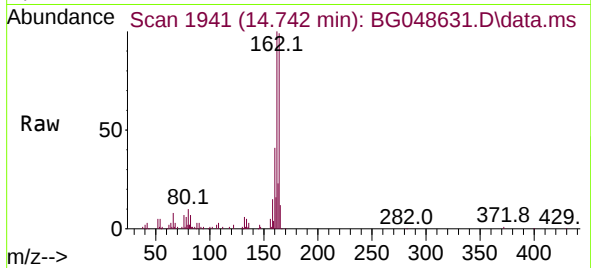




#51
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

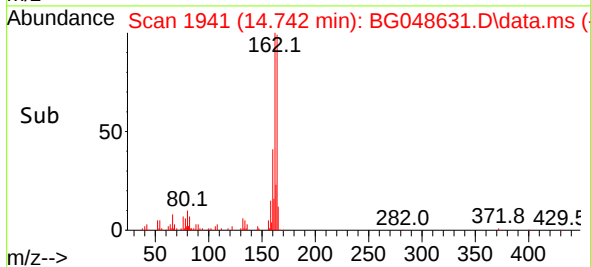
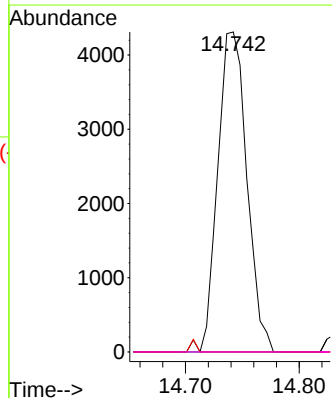
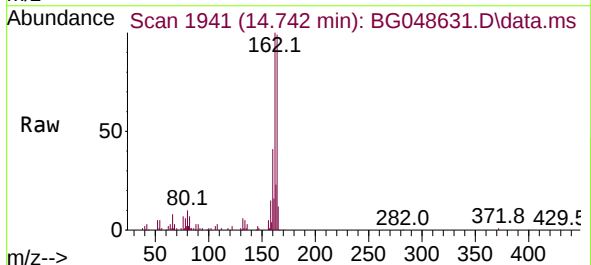
Instrument :
BNA_G
ClientSampleId :
SIDEWALK-206

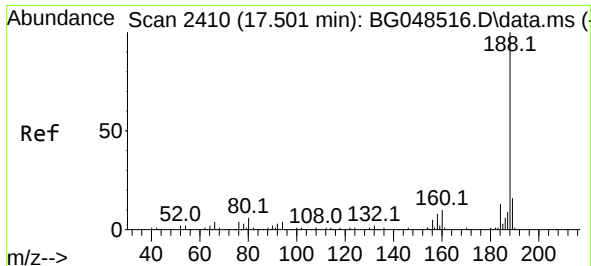
Tgt Ion:165 Resp: 7693
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.48 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

Tgt Ion:165 Resp: 7693
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#

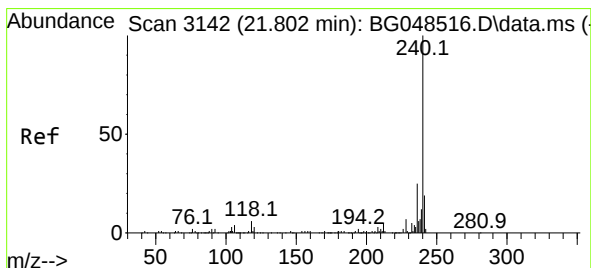
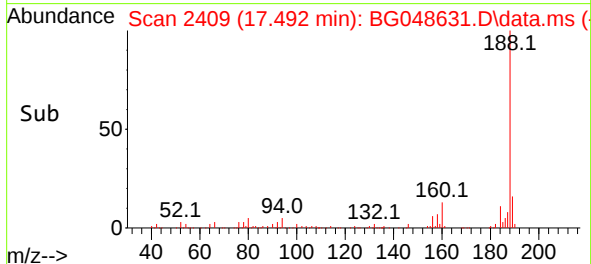
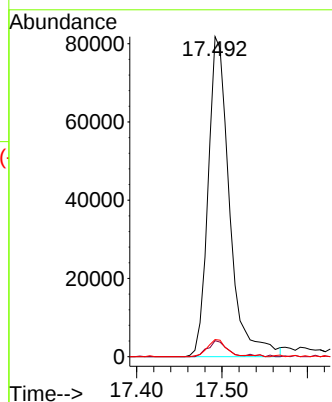
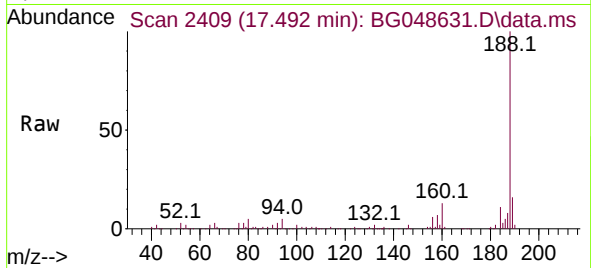




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

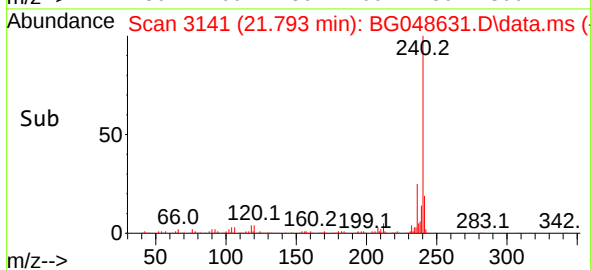
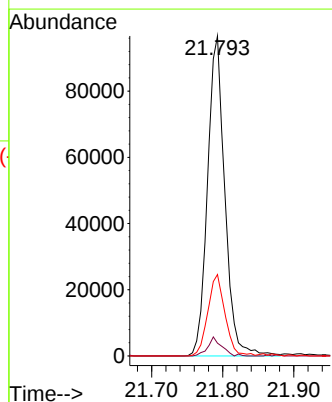
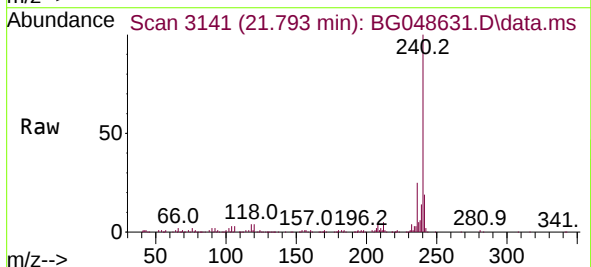
Instrument :
BNA_G
ClientSampleId :
SIDEWALK-206

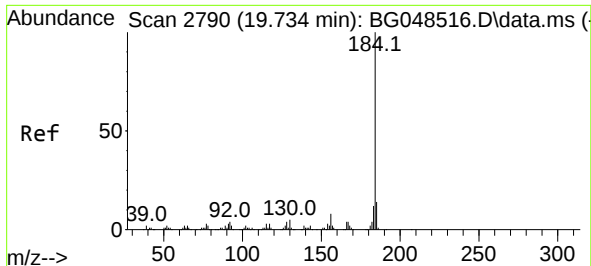
Tgt Ion:188 Resp: 142699
Ion Ratio Lower Upper
188 100
94 5.0 3.0 4.6#
80 5.4 4.5 6.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

Tgt Ion:240 Resp: 163962
Ion Ratio Lower Upper
240 100
120 4.0 2.6 3.8#
236 25.5 19.8 29.6

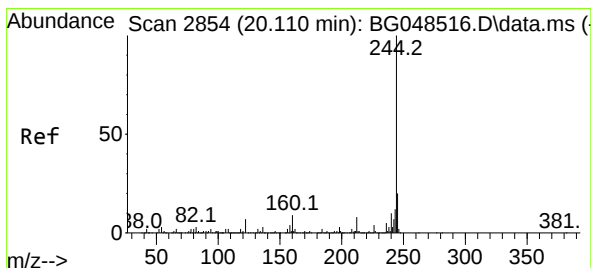
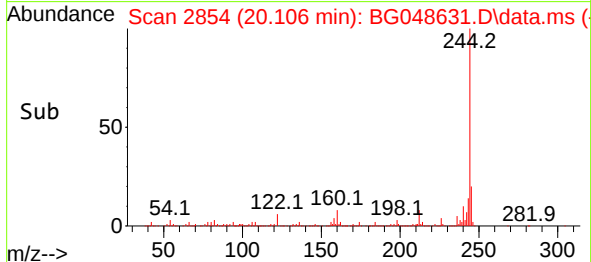
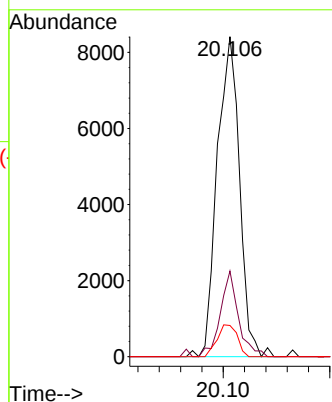
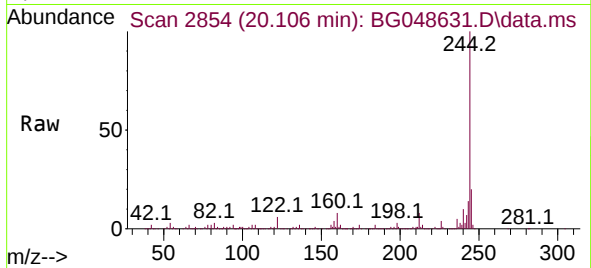




#77
Benzidine
Concen: 2.20 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.373 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

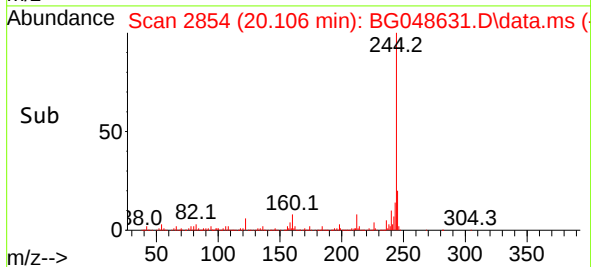
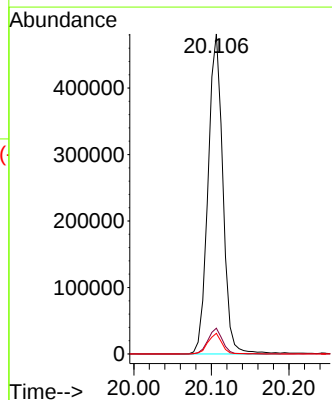
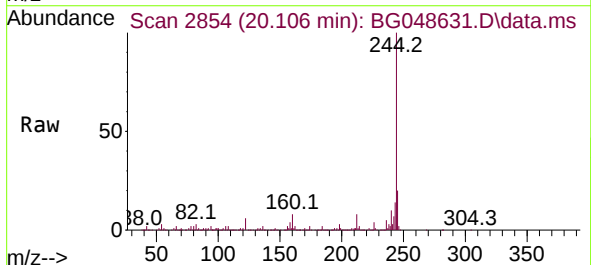
Instrument :
BNA_G
ClientSampleId :
SIDEWALK-206

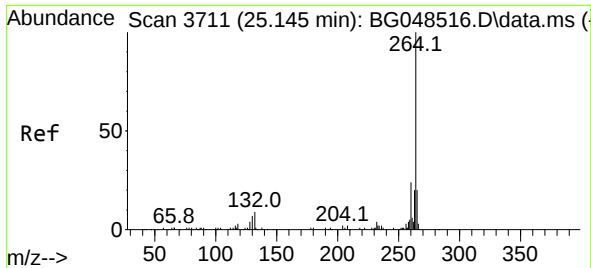
Tgt Ion:184 Resp: 12200
Ion Ratio Lower Upper
184 100
185 26.7 11.0 16.4#
183 9.7 9.2 13.8



#79
Terphenyl-d14
Concen: 71.03 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048631.D
Acq: 8 Apr 2021 00:25

Tgt Ion:244 Resp: 636881
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. -0.015 min
 Lab File: BG048631.D
 Acq: 8 Apr 2021 00:25

Instrument :
 BNA_G
 ClientSampleId :
 SIDEWALK-206

Tgt Ion:	264	Resp:	161147
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.1	28.7
265	23.2	16.1	24.1

