

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
 Data File : BG048645.D
 Acq On : 9 Apr 2021 14:59
 Operator : CG/JU
 Sample : PB135644BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135644BL

Quant Time: Apr 09 15:48:13 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)

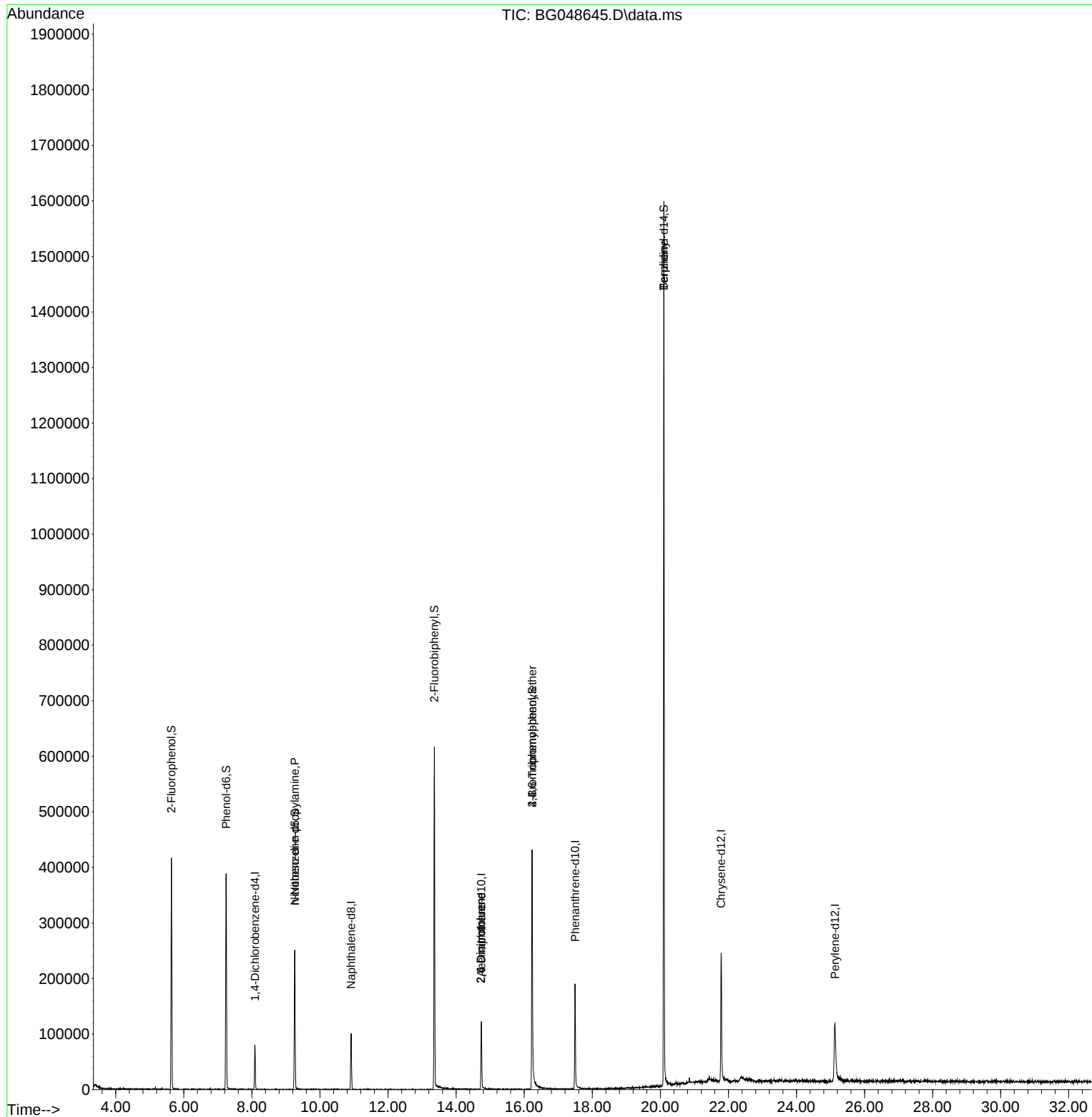
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	22051	20.00	ng	# 0.00
21) Naphthalene-d8	10.916	136	85387	20.00	ng	# 0.00
39) Acenaphthene-d10	14.741	164	48389	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	143392	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	166051	20.00	ng	#-0.02
86) Perylene-d12	25.129	264	146404	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	170999	136.91	ng	0.00
7) Phenol-d6	7.244	99	208118	114.89	ng	0.00
23) Nitrobenzene-d5	9.260	82	147504	83.64	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	98945	155.55	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	324325	99.62	ng	0.00
79) Terphenyl-d14	20.106	244	805788	88.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.260	70	23035	18.45	ng	# 77
51) 2,6-Dinitrotoluene	14.735	165	5899	7.18	ng	# 17
57) 2,4-Dinitrotoluene	14.735	165	5899	5.08	ng	# 22
67) 4-Bromophenyl-phenylether	16.234	248	6906	4.34	ng	# 1
77) Benzidine	20.100	184	13903	2.47	ng	# 96

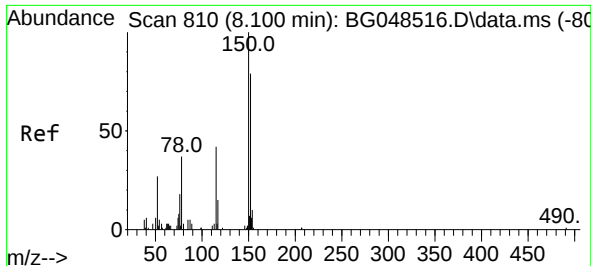
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 09 15:48:13 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

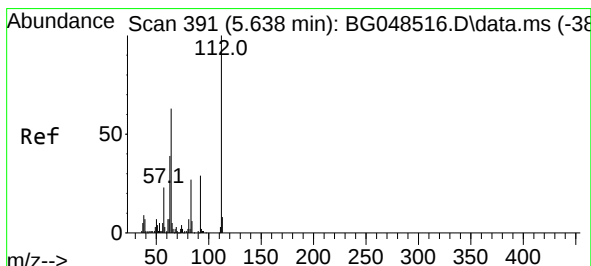
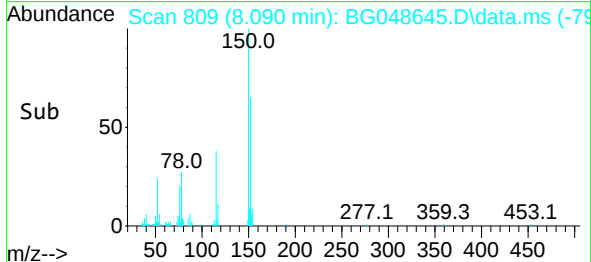
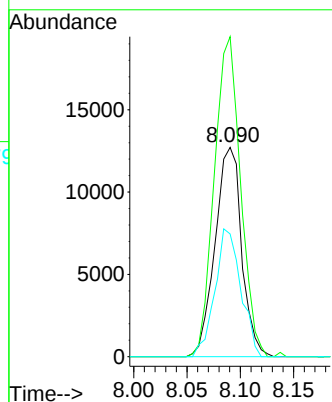
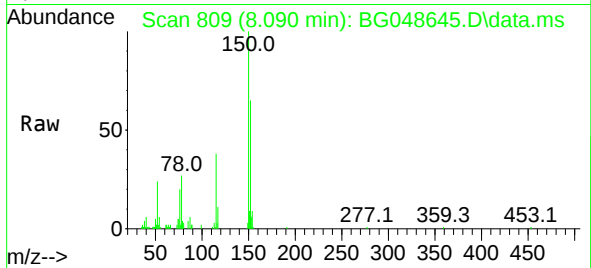




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 809
Delta R.T. -0.010 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

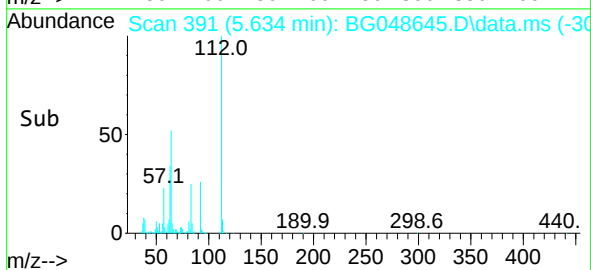
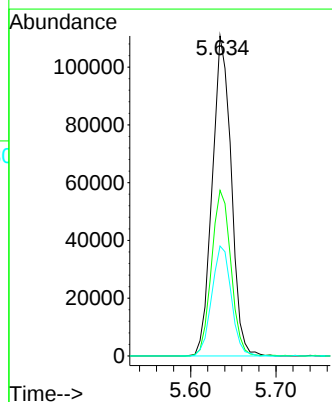
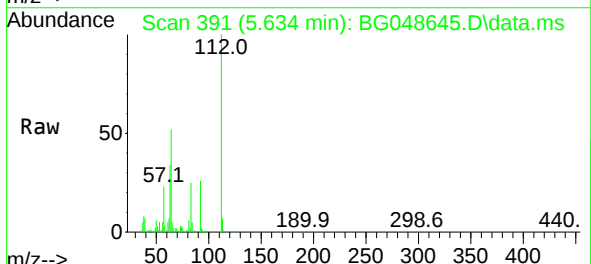
Instrument :
BNA_G
ClientSampleId :
PB135644BL

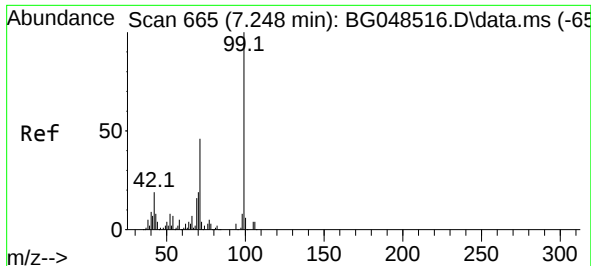
Tgt Ion:152 Resp: 22051
Ion Ratio Lower Upper
152 100
150 152.9 101.3 151.9#
115 58.6 42.3 63.5



#5
2-Fluorophenol
Concen: 136.91 ng
RT: 5.634 min Scan# 391
Delta R.T. -0.004 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

Tgt Ion:112 Resp: 170999
Ion Ratio Lower Upper
112 100
64 51.7 50.4 75.6
63 34.4 31.4 47.2

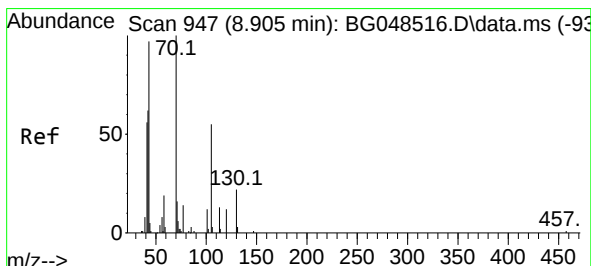
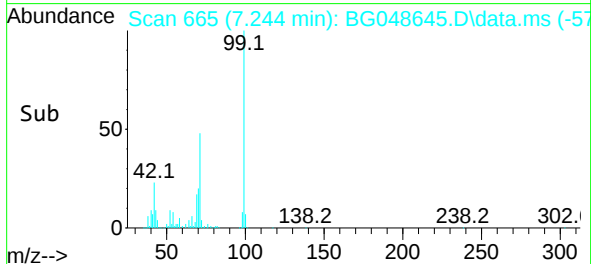
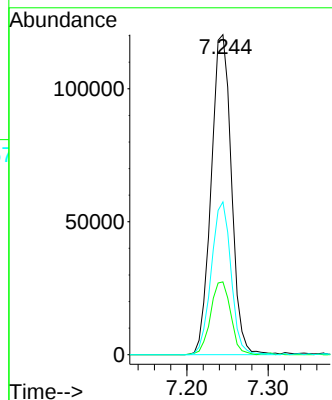
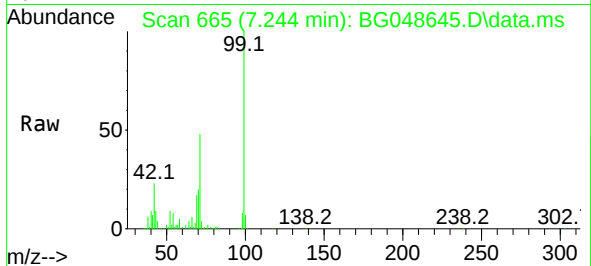




#7
Phenol-d6
Concen: 114.89 ng
RT: 7.244 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

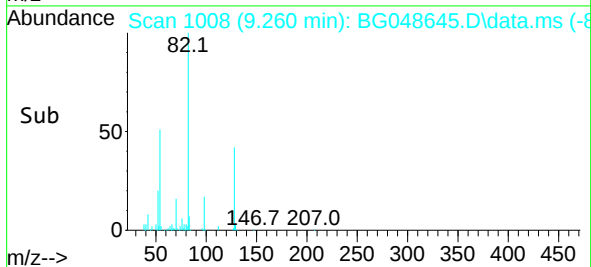
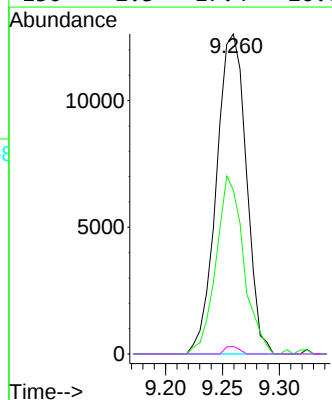
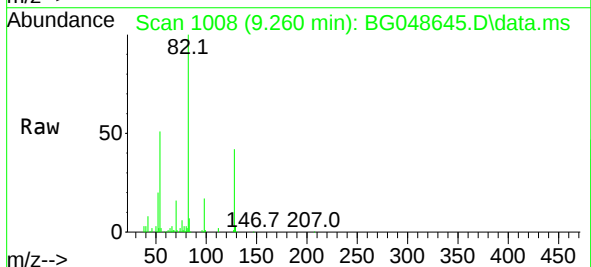
Instrument :
BNA_G
ClientSampleId :
PB135644BL

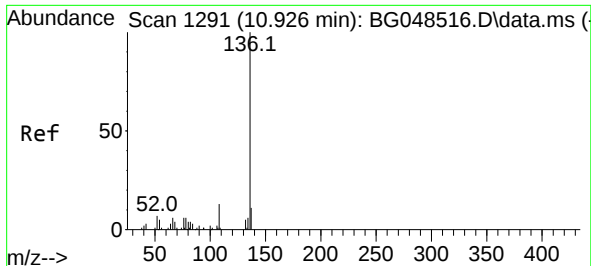
Tgt Ion: 99 Resp: 208118
Ion Ratio Lower Upper
99 100
42 22.8 15.5 23.3
71 47.8 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.45 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.354 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

Tgt Ion: 70 Resp: 23035
Ion Ratio Lower Upper
70 100
42 51.1 50.8 76.2
101 0.0 9.7 14.5#
130 2.3 17.4 26.0#

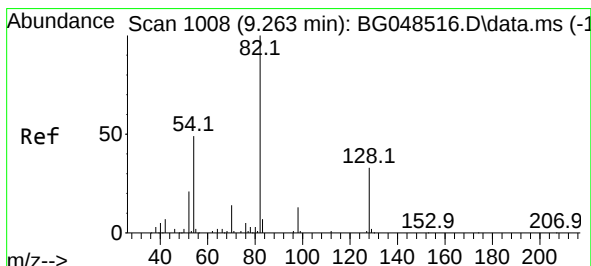
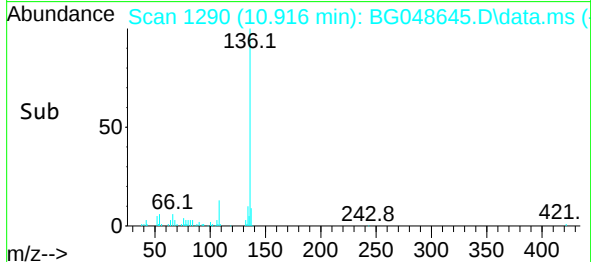
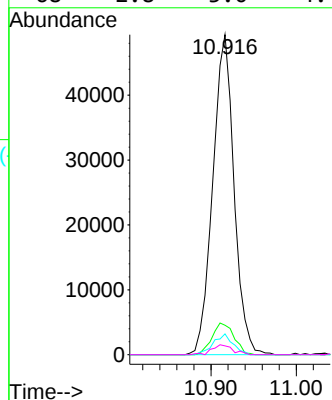
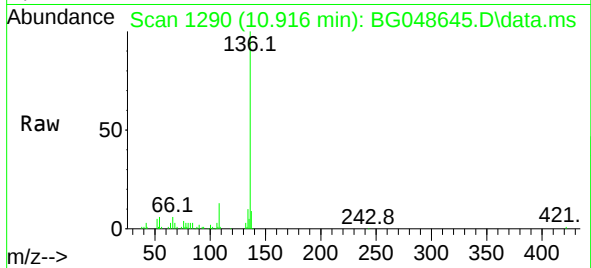




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.916 min Scan# 1290
Delta R.T. -0.010 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

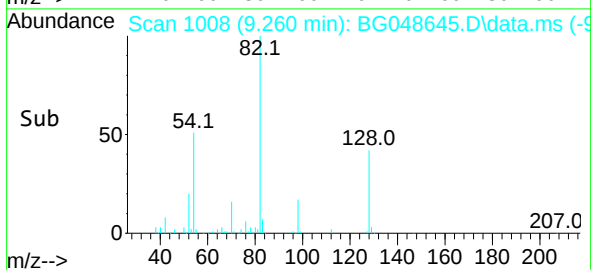
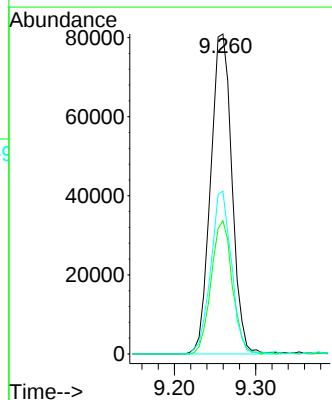
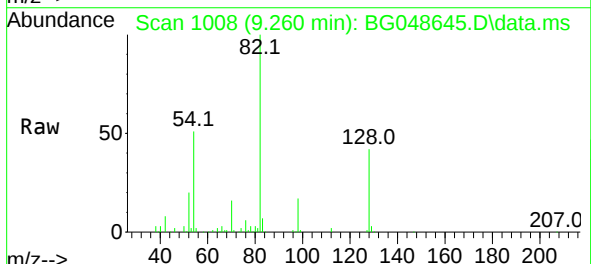
Instrument :
BNA_G
ClientSampleId :
PB135644BL

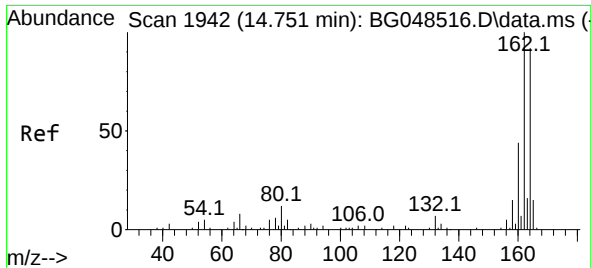
Tgt Ion:	136	Resp:	85387
Ion Ratio	100	Lower	Upper
136	100		
137	9.2	8.6	12.8
54	6.5	4.2	6.4#
68	2.8	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 83.64 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

Tgt Ion:	82	Resp:	147504
Ion Ratio	100	Lower	Upper
82	100		
128	41.7	26.2	39.4#
54	50.9	38.9	58.3

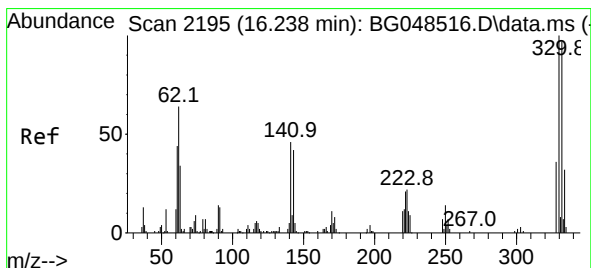
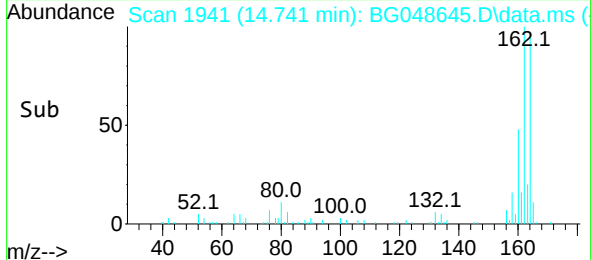
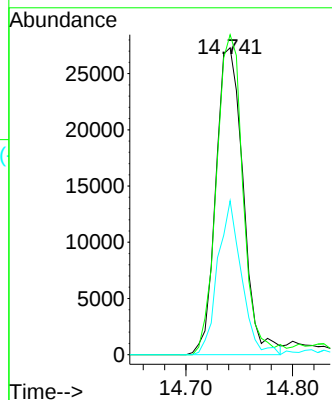
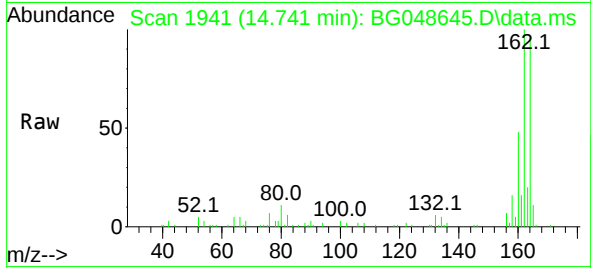




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.010 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

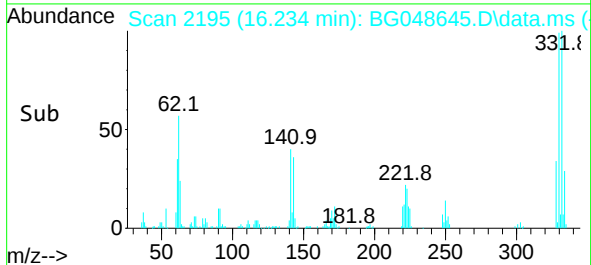
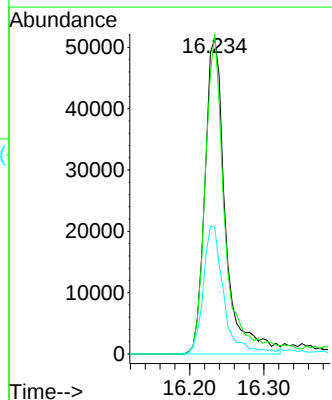
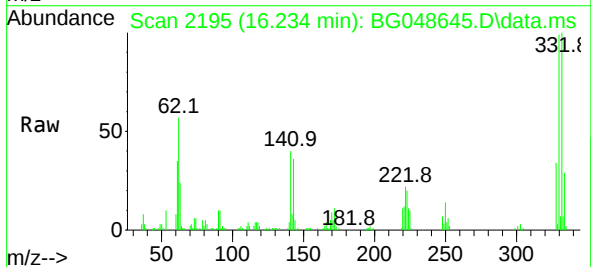
Instrument :
BNA_G
ClientSampleId :
PB135644BL

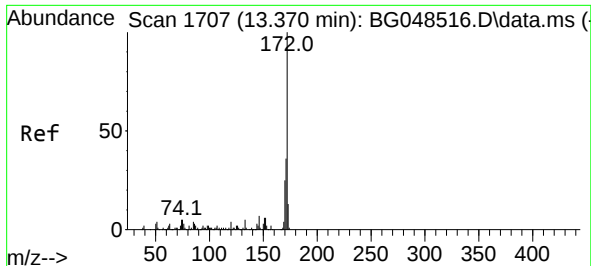
Tgt Ion:164 Resp: 48389
Ion Ratio Lower Upper
164 100
162 104.2 87.0 130.6
160 50.2 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 155.55 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

Tgt Ion:330 Resp: 98945
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 40.3 34.6 52.0

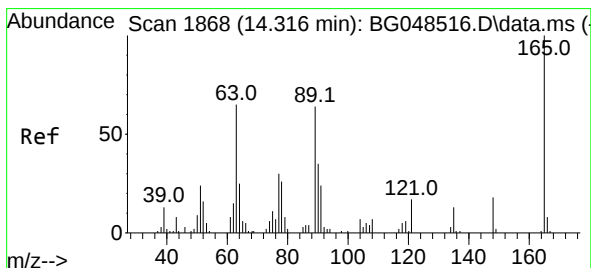
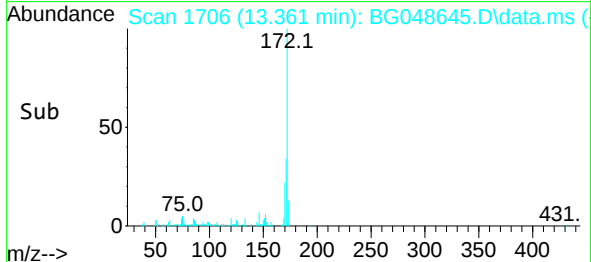
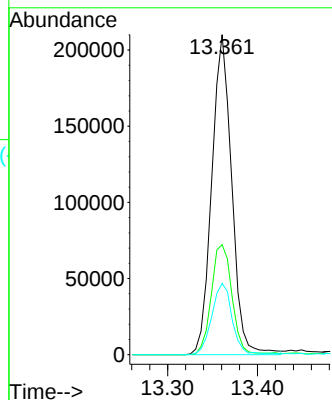
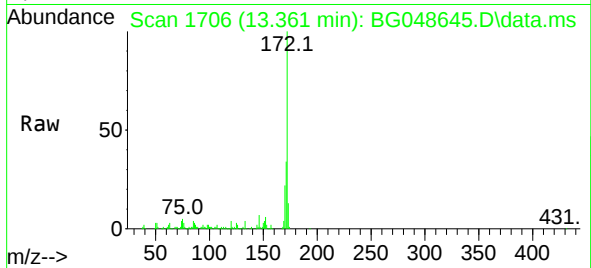




#45
2-Fluorobiphenyl
Concen: 99.62 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.010 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

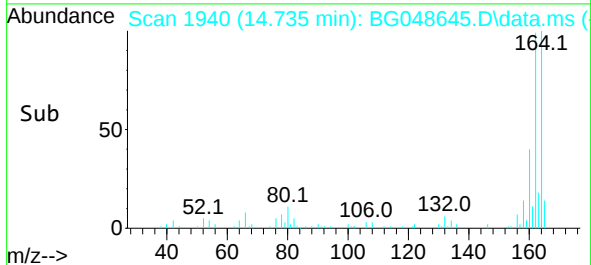
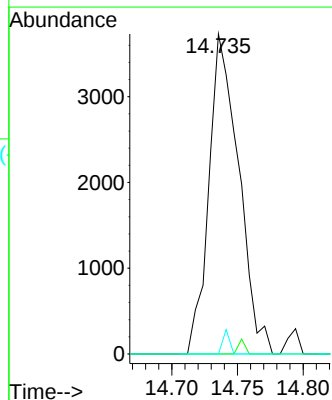
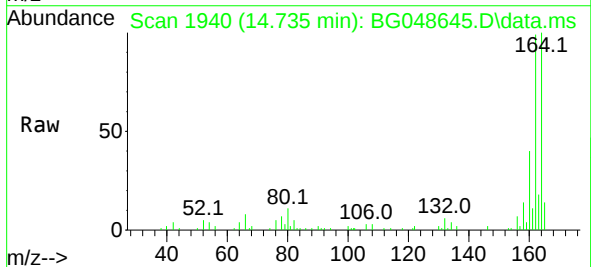
Instrument :
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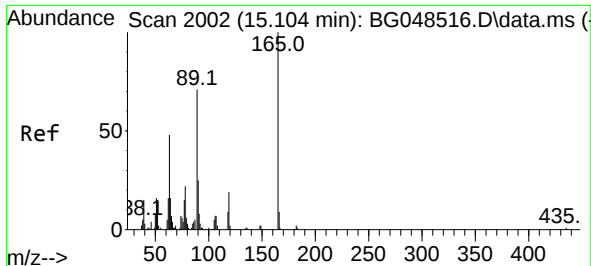
Tgt Ion:172 Resp: 324325
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 22.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.18 ng
RT: 14.735 min Scan# 1940
Delta R.T. 0.419 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

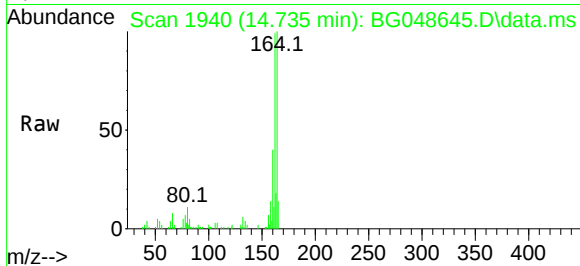
Tgt Ion:165 Resp: 5899
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



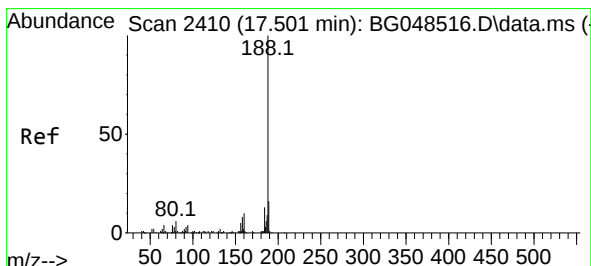
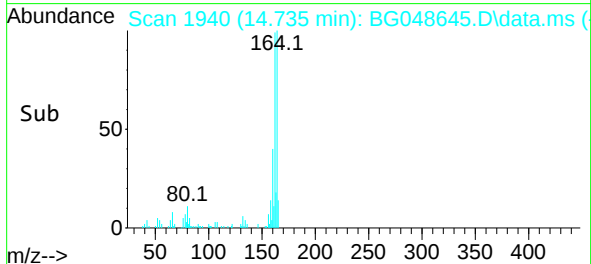
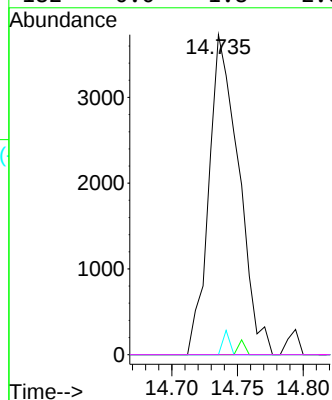


#57
2,4-Dinitrotoluene
Concen: 5.08 ng
RT: 14.735 min Scan# 1940
Delta R.T. -0.368 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

Instrument :
BNA_G
ClientSampleId :
PB135644BL

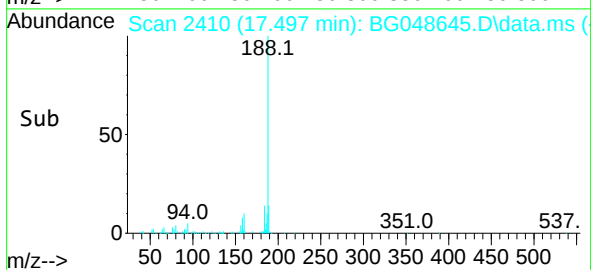
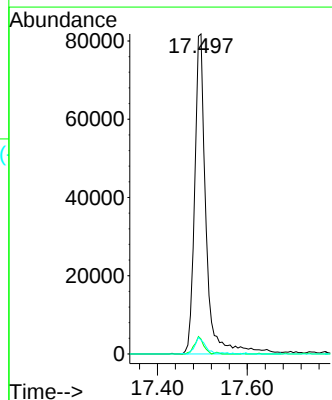
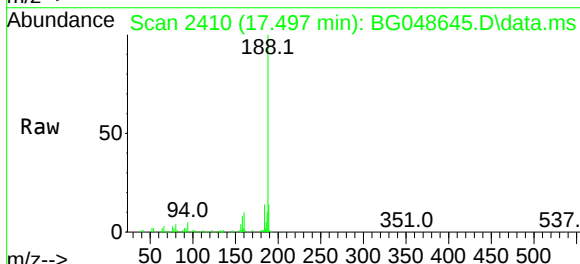


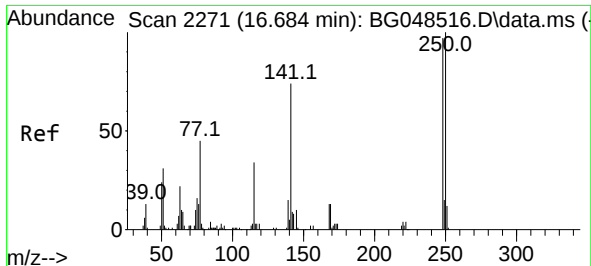
Tgt Ion:165 Resp: 5899
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

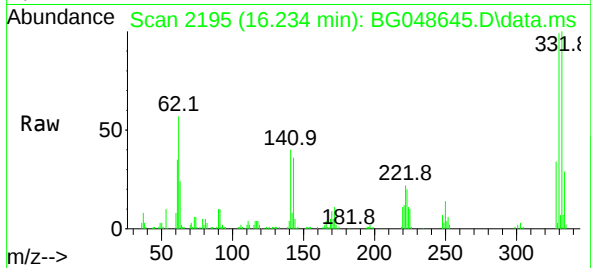
Tgt Ion:188 Resp: 143392
Ion Ratio Lower Upper
188 100
94 4.6 3.0 4.6#
80 4.4 4.5 6.7#



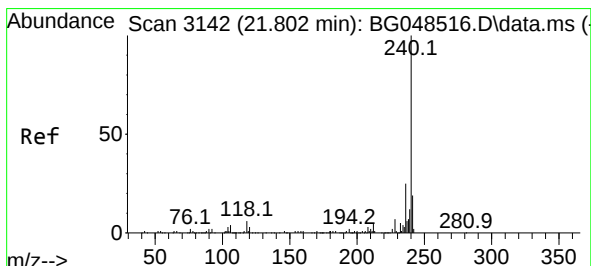
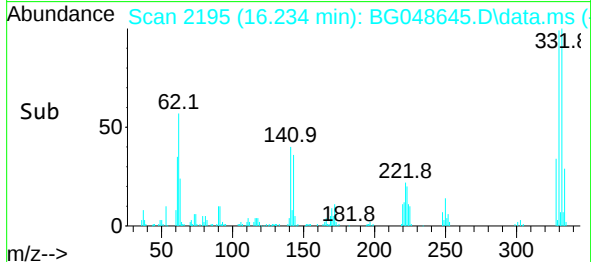
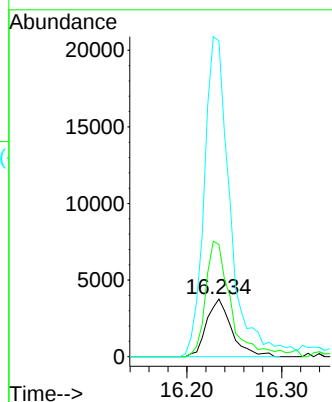


#67
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.450 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

Instrument :
BNA_G
ClientSampleId :
PB135644BL

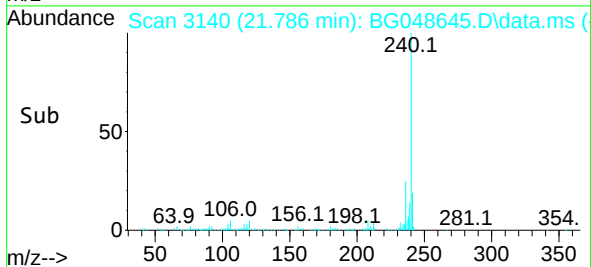
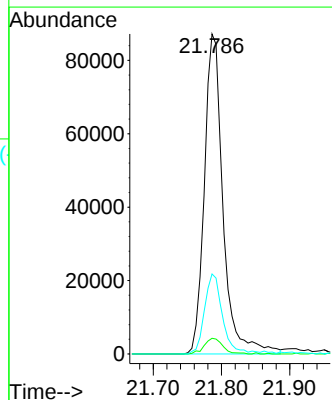
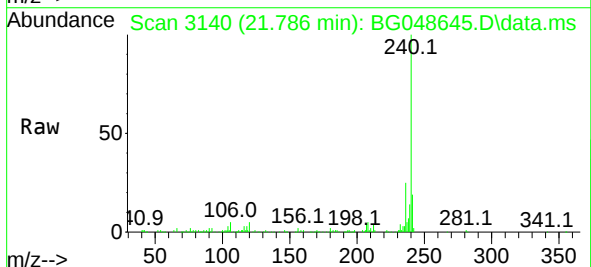


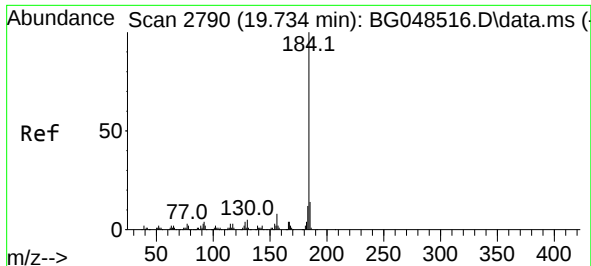
Tgt Ion:248 Resp: 6906
Ion Ratio Lower Upper
248 100
250 194.8 82.6 124.0#
141 548.7 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.016 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

Tgt Ion:240 Resp: 166051
Ion Ratio Lower Upper
240 100
120 4.9 2.6 3.8#
236 25.0 19.8 29.6

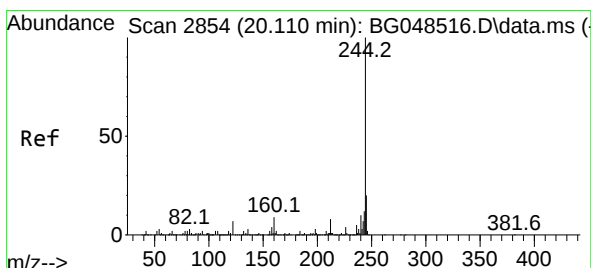
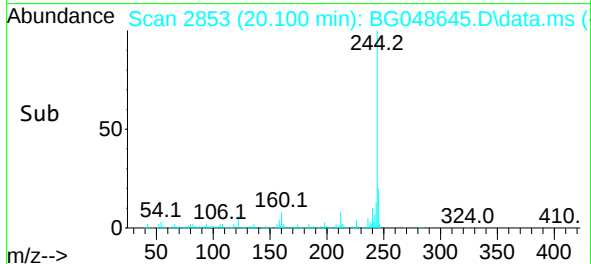
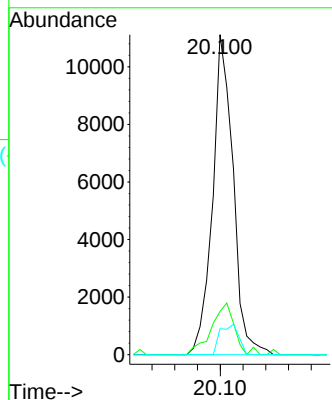
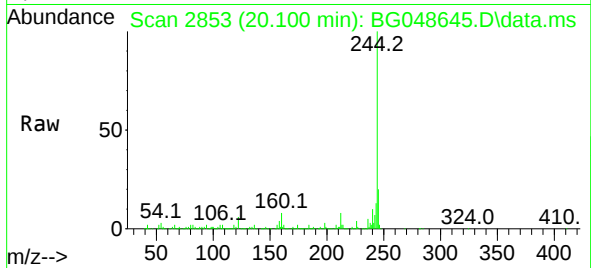




#77
Benzidine
Concen: 2.47 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.366 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

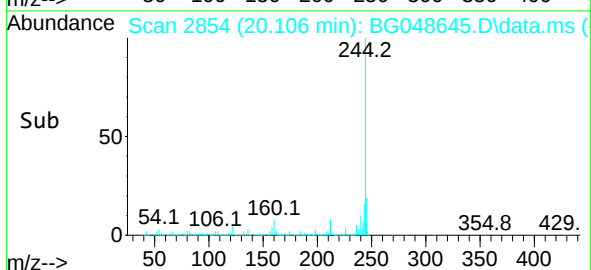
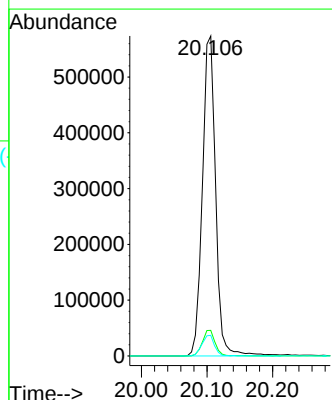
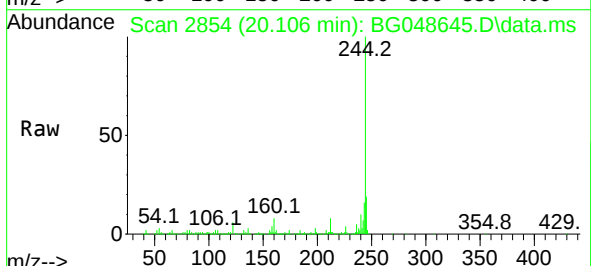
Instrument :
BNA_G
ClientSampleId :
PB135644BL

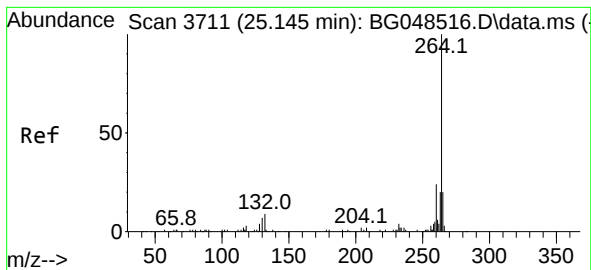
Tgt Ion:184 Resp: 13903
Ion Ratio Lower Upper
184 100
185 13.5 11.0 16.4
183 8.1 9.2 13.8#



#79
Terphenyl-d14
Concen: 88.74 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.004 min
Lab File: BG048645.D
Acq: 9 Apr 2021 14:59

Tgt Ion:244 Resp: 805788
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.129 min Scan# 3709
 Delta R.T. -0.016 min
 Lab File: BG048645.D
 Acq: 9 Apr 2021 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB135644BL

Tgt Ion:264 Resp: 146404
 Ion Ratio Lower Upper
 264 100
 260 21.5 19.1 28.7
 265 23.0 16.1 24.1

