

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
 Data File : BG048618.D
 Acq On : 7 Apr 2021 15:39
 Operator : CG/JU
 Sample : M1951-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-1

Quant Time: Apr 07 16:51:45 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)

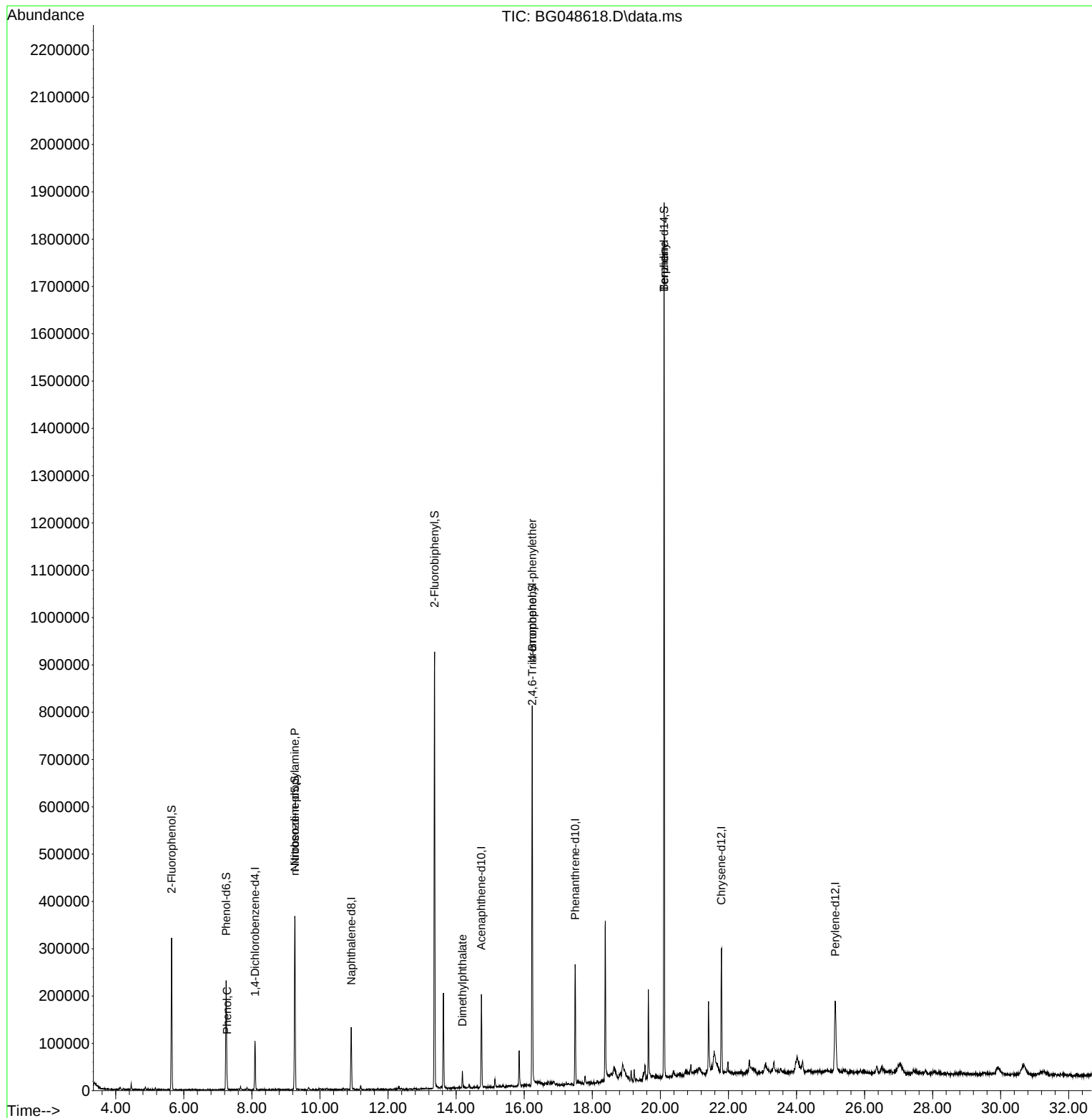
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	28535	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	109335	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	69128	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	168814	20.00	ng	0.00
76) Chrysene-d12	21.792	240	178354	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	171381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	128196	79.32	ng	0.00
7) Phenol-d6	7.244	99	119218	50.86	ng	0.00
23) Nitrobenzene-d5	9.260	82	215677	95.50	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	146174	160.86	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	480408	103.29	ng	0.00
79) Terphenyl-d14	20.112	244	851199	87.28	ng	0.00
Target Compounds						
10) Phenol	7.274	94	7091	3.02	ng	# 75
19) n-Nitroso-di-n-propyla...	9.266	70	33658	20.83	ng	# 71
50) Dimethylphthalate	14.183	163	21594	4.21	ng	# 97
67) 4-Bromophenyl-phenylether	16.234	248	11053	5.91	ng	# 1
77) Benzidine	20.112	184	16190	2.68	ng	98

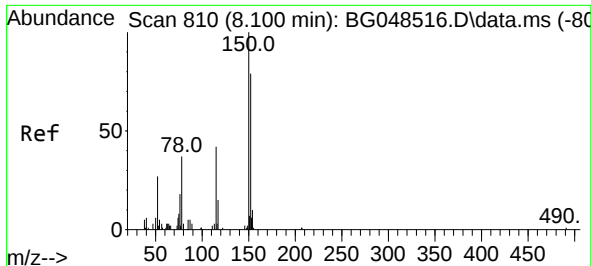
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Apr 07 16:51:45 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

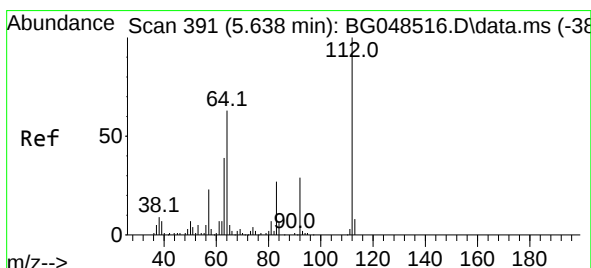
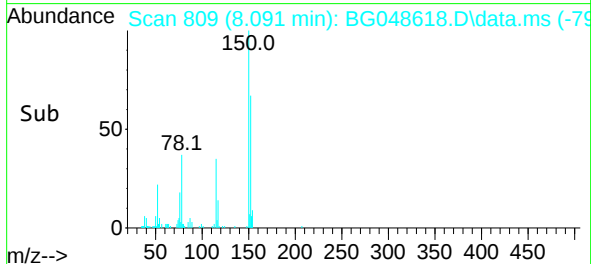
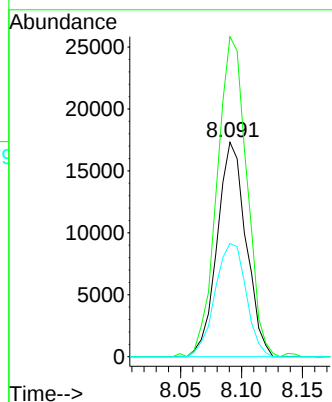
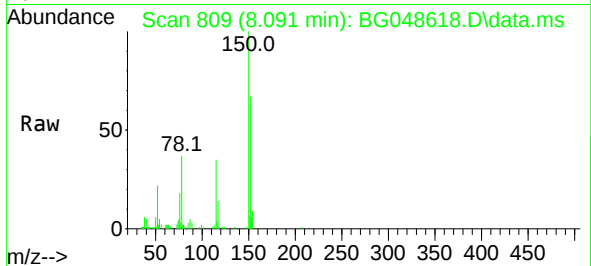




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

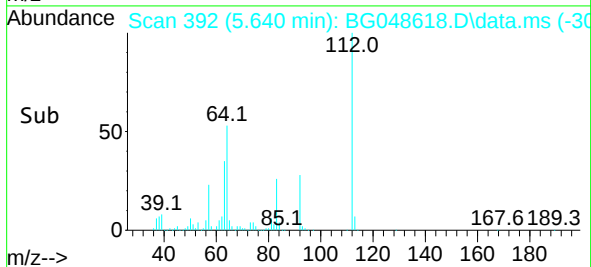
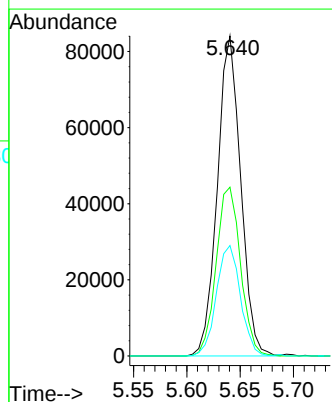
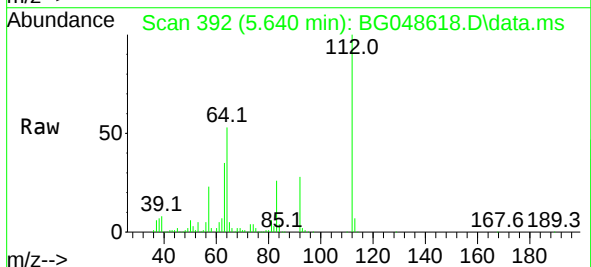
Instrument :
BNA_G
ClientSampled :
SW-1

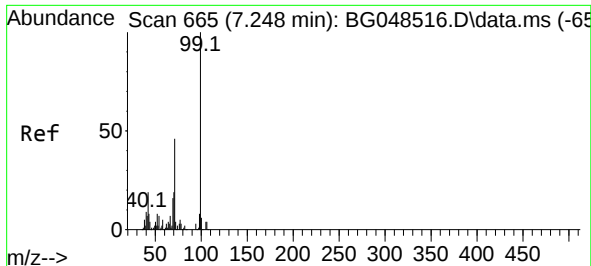
Tgt Ion:152 Resp: 28535
Ion Ratio Lower Upper
152 100
150 149.3 101.3 151.9
115 52.8 42.3 63.5



#5
2-Fluorophenol
Concen: 79.32 ng
RT: 5.640 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

Tgt Ion:112 Resp: 128196
Ion Ratio Lower Upper
112 100
64 52.7 50.4 75.6
63 34.5 31.4 47.2

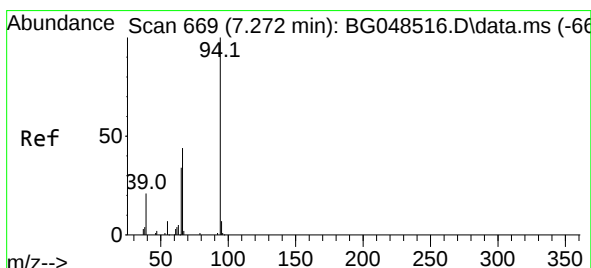
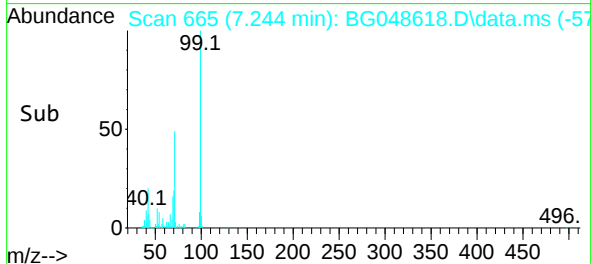
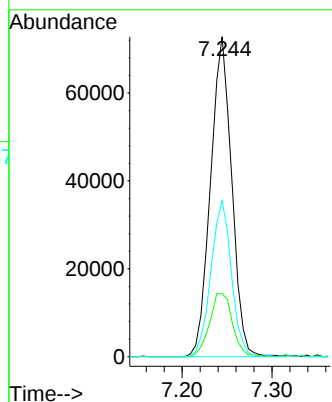
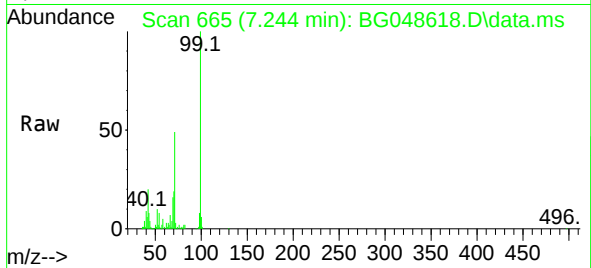




#7
Phenol-d6
Concen: 50.86 ng
RT: 7.244 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

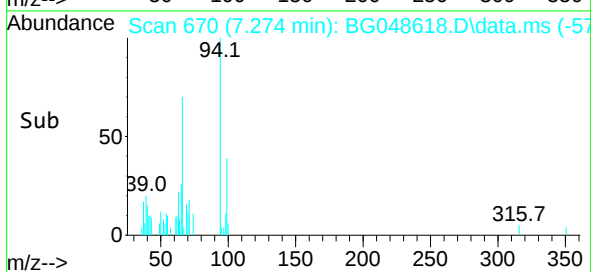
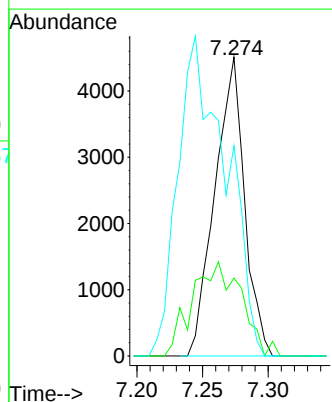
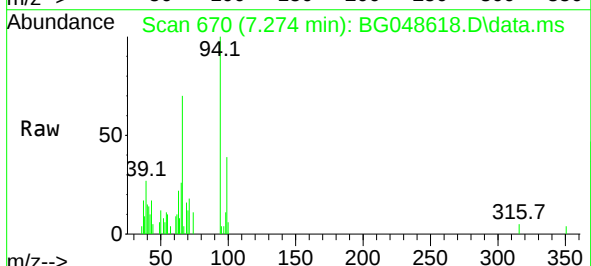
Instrument :
BNA_G
ClientSampleId :
SW-1

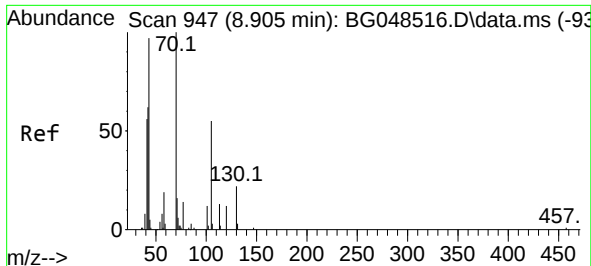
Tgt Ion: 99 Resp: 119218
Ion Ratio Lower Upper
99 100
42 19.6 15.5 23.3
71 48.8 36.6 54.8



#10
Phenol
Concen: 3.02 ng
RT: 7.274 min Scan# 670
Delta R.T. 0.002 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

Tgt Ion: 94 Resp: 7091
Ion Ratio Lower Upper
94 100
65 26.1 15.1 55.1
66 70.4 28.9 68.9#

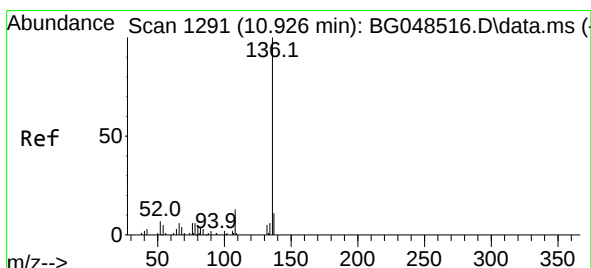
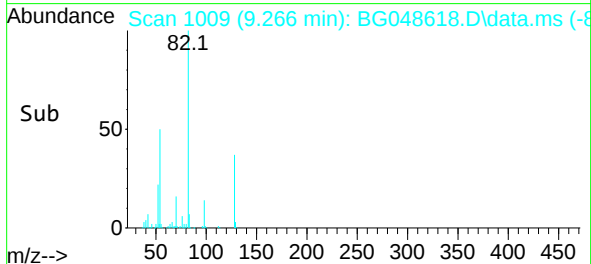
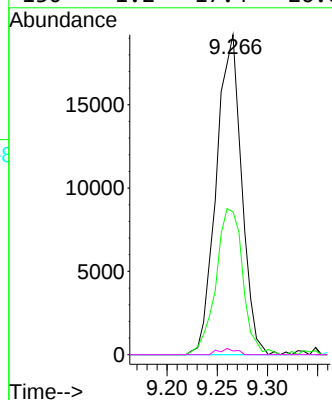
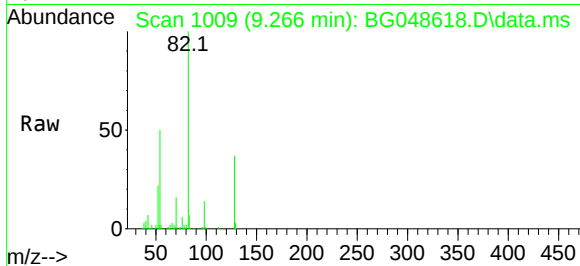




#19
n-Nitroso-di-n-propylamine
Concen: 20.83 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

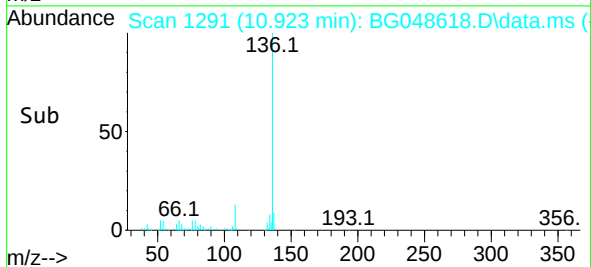
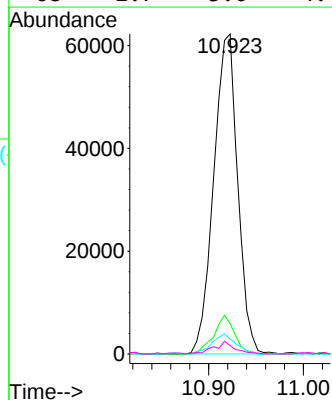
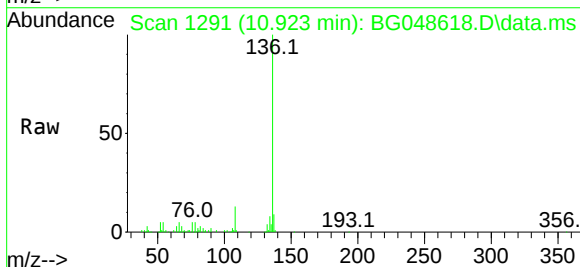
Instrument :
BNA_G
ClientSampleId :
SW-1

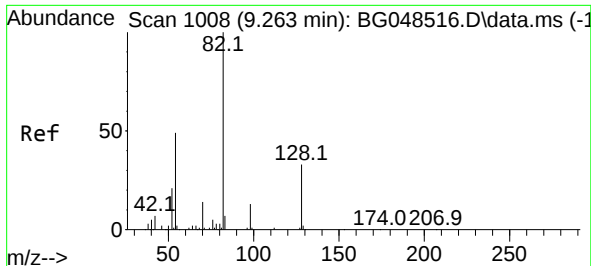
Tgt Ion: 70 Resp: 33658
Ion Ratio Lower Upper
70 100
42 44.6 50.8 76.2#
101 0.0 9.7 14.5#
130 1.2 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.004 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

Tgt Ion:136 Resp: 109335
Ion Ratio Lower Upper
136 100
137 9.5 8.6 12.8
54 4.7 4.2 6.4
68 2.7 3.0 4.4#

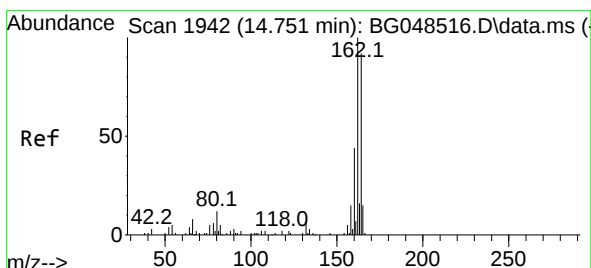
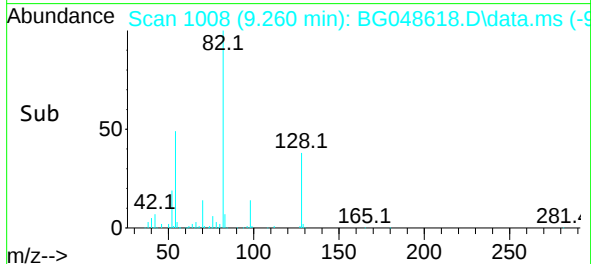
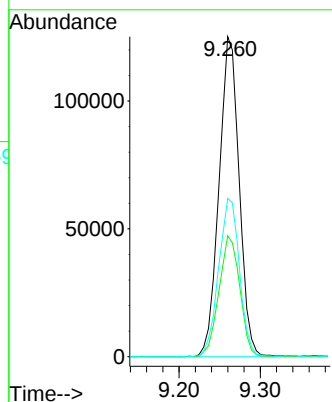
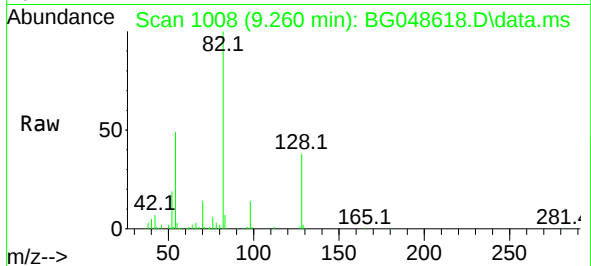




#23
Nitrobenzene-d5
Concen: 95.50 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

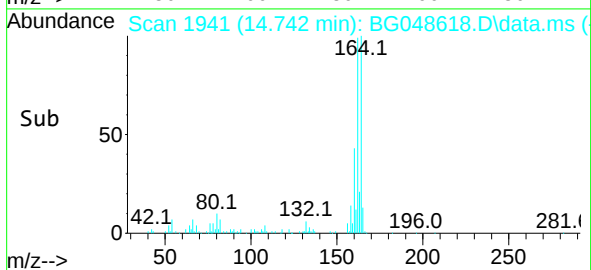
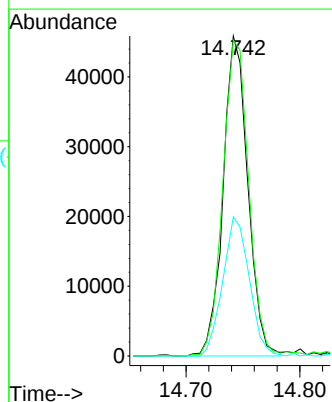
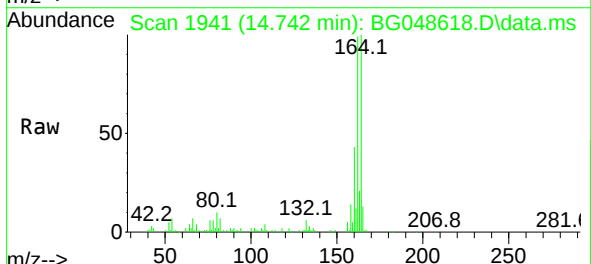
Instrument :
BNA_G
ClientSampleId :
SW-1

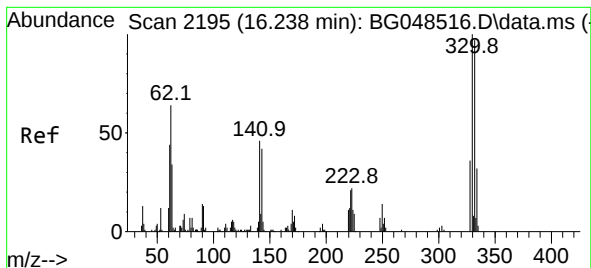
Tgt Ion: 82 Resp: 215677
Ion Ratio Lower Upper
82 100
128 37.8 26.2 39.4
54 49.5 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.010 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

Tgt Ion:164 Resp: 69128
Ion Ratio Lower Upper
164 100
162 98.7 87.0 130.6
160 43.4 38.4 57.6

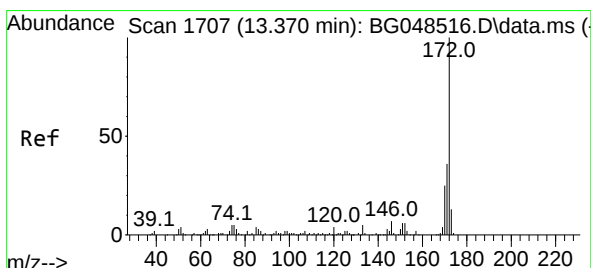
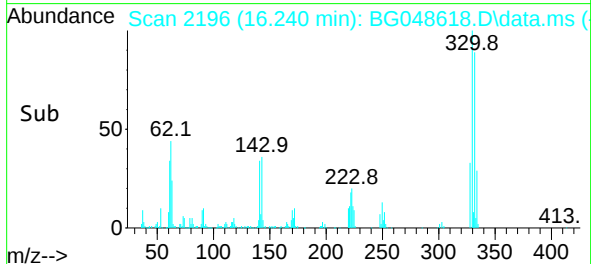
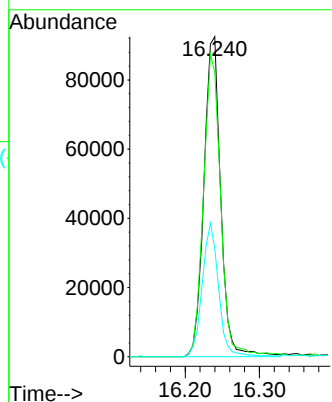
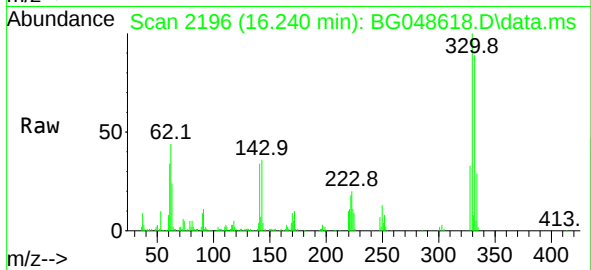




#42
2,4,6-Tribromophenol
Concen: 160.86 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.002 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

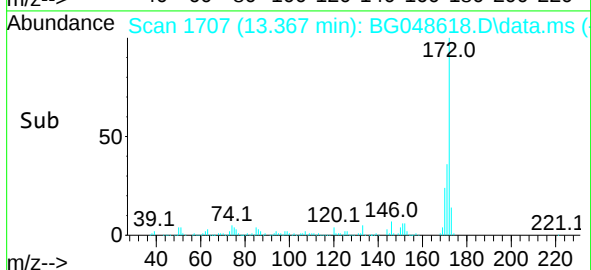
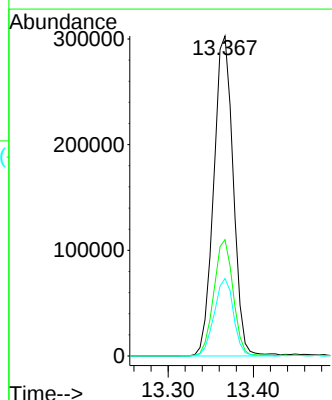
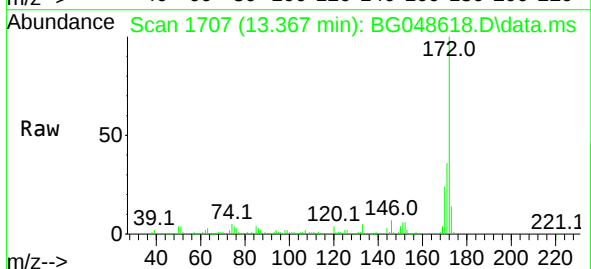
Instrument :
BNA_G
ClientSampled :
SW-1

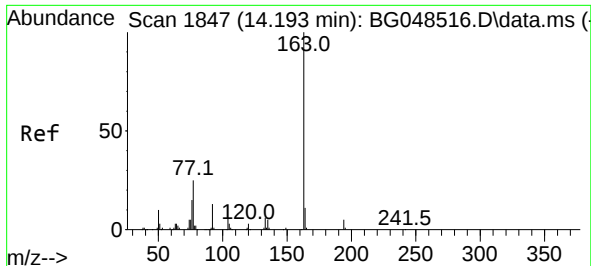
Tgt Ion:330 Resp: 146174
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 40.3 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 103.29 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.004 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

Tgt Ion:172 Resp: 480408
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.2 19.8 29.6

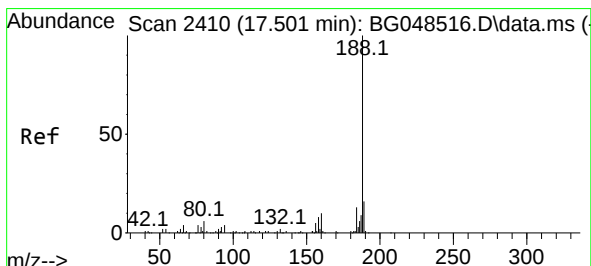
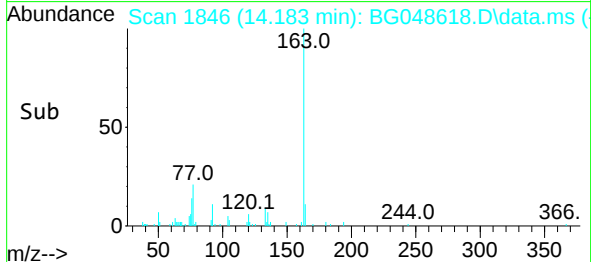
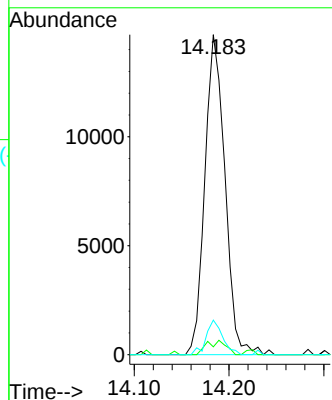
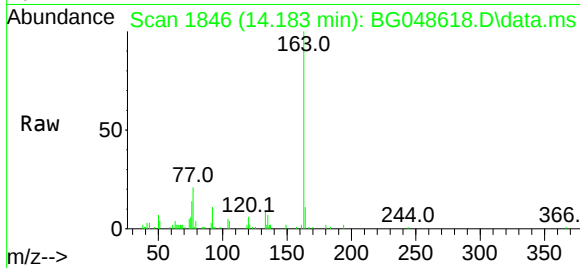




#50
Dimethylphthalate
Concen: 4.21 ng
RT: 14.183 min Scan# 1846
Delta R.T. -0.010 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

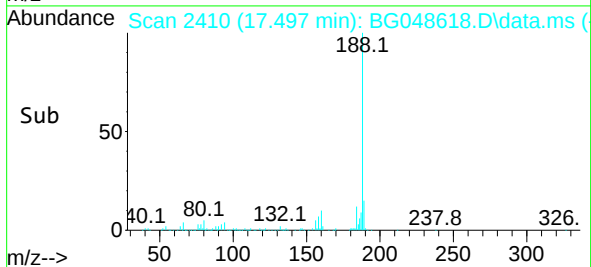
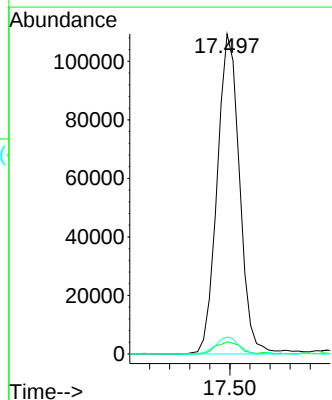
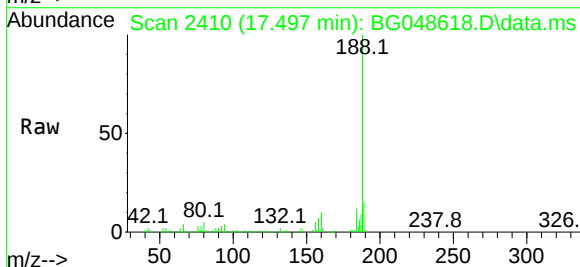
Instrument :
BNA_G
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SW-1

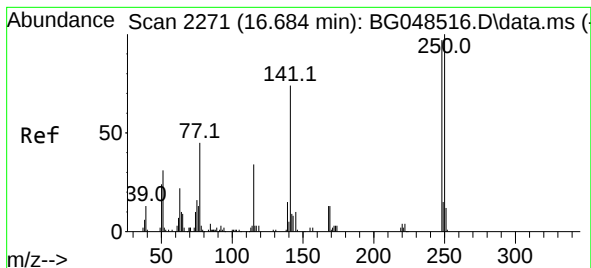
Tgt Ion:163 Resp: 21594
Ion Ratio Lower Upper
163 100
194 2.5 4.1 6.1#
164 10.8 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

Tgt Ion:188 Resp: 168814
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.6
80 5.3 4.5 6.7

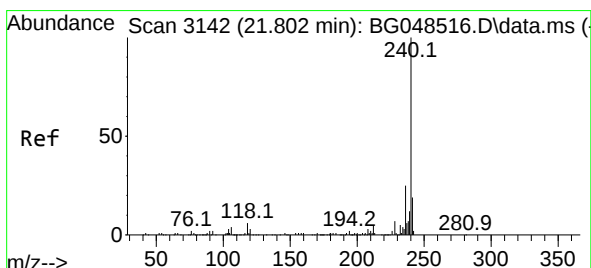
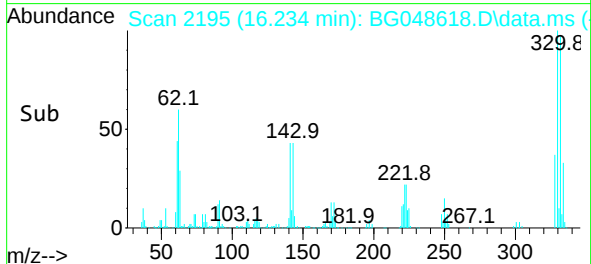
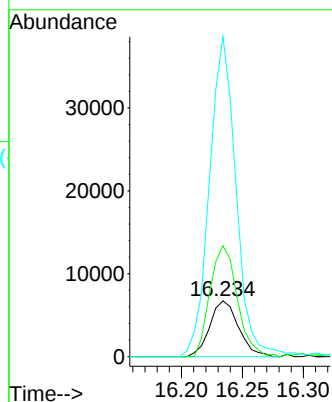
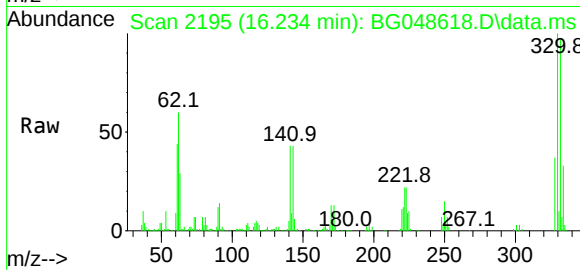




#67
4-Bromophenyl-phenylether
Concen: 5.91 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.450 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

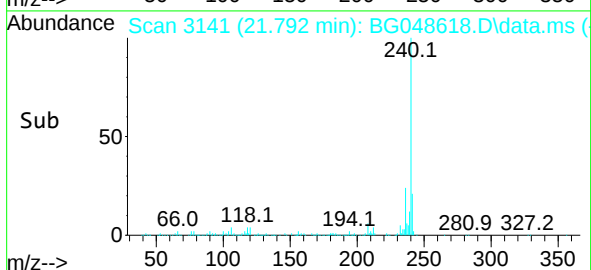
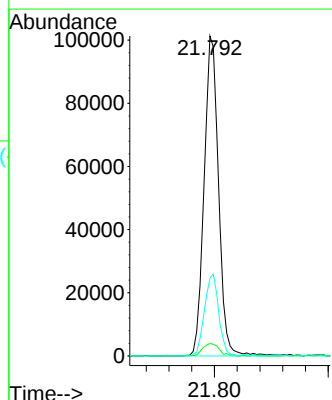
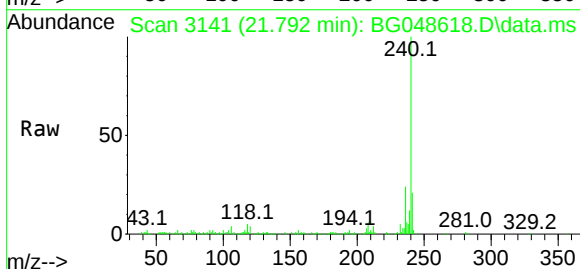
Instrument :
BNA_G
ClientSampleId :
SW-1

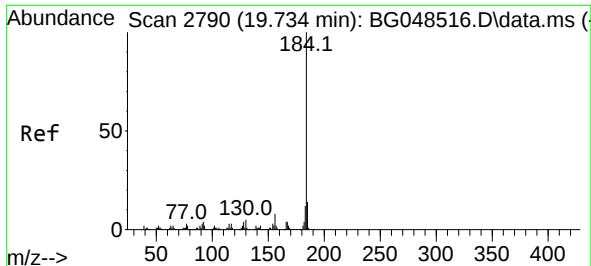
Tgt Ion:248 Resp: 11053
Ion Ratio Lower Upper
248 100
250 198.8 82.6 124.0#
141 573.5 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.010 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

Tgt Ion:240 Resp: 178354
Ion Ratio Lower Upper
240 100
120 3.9 2.6 3.8#
236 24.4 19.8 29.6

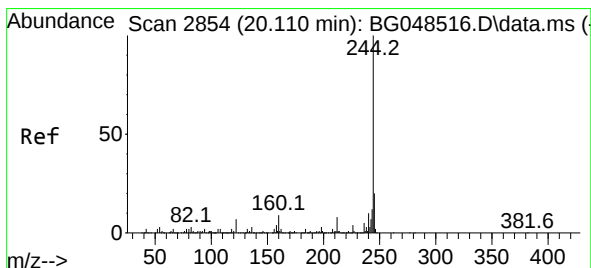
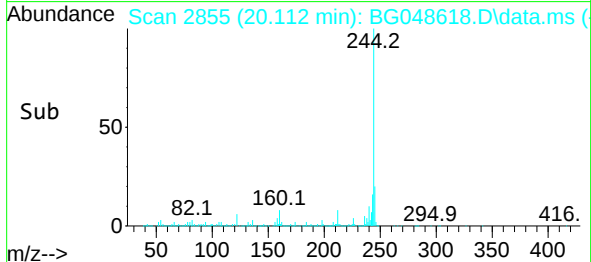
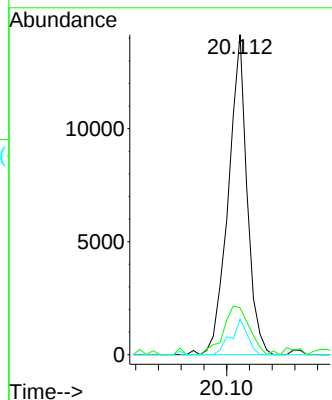
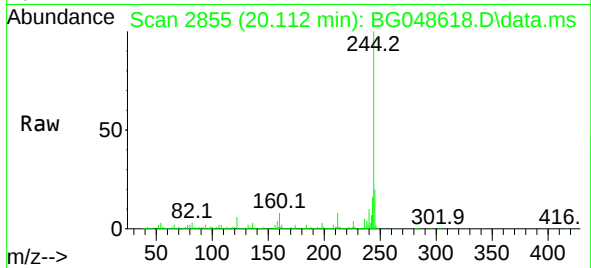




#77
Benzidine
Concen: 2.68 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.378 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

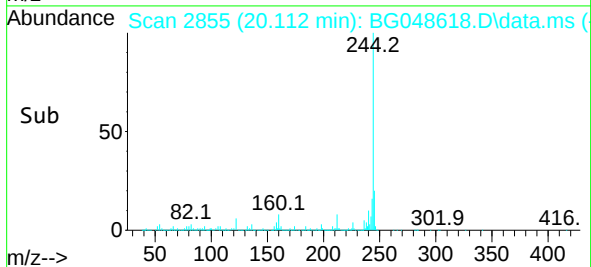
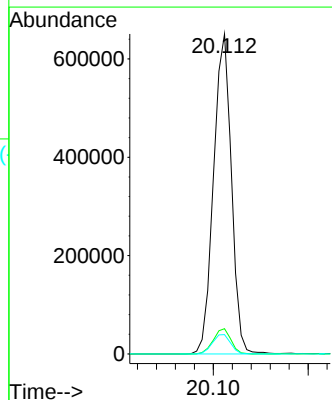
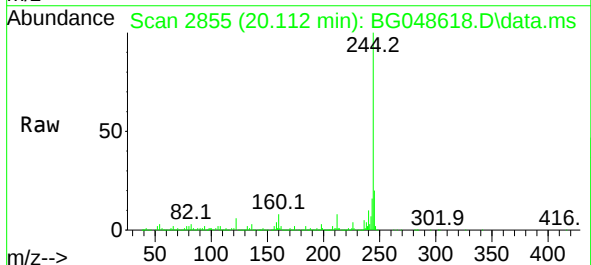
Instrument :
BNA_G
ClientSampleId :
SW-1

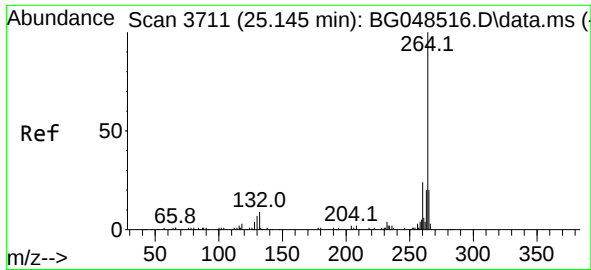
Tgt Ion:184 Resp: 16190
Ion Ratio Lower Upper
184 100
185 14.7 11.0 16.4
183 11.1 9.2 13.8



#79
Terphenyl-d14
Concen: 87.28 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.002 min
Lab File: BG048618.D
Acq: 7 Apr 2021 15:39

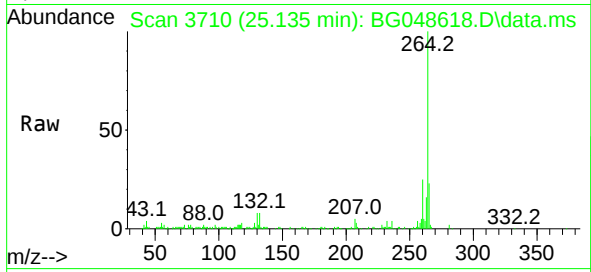
Tgt Ion:244 Resp: 851199
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 6.1 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.135 min Scan# 3710
 Delta R.T. -0.010 min
 Lab File: BG048618.D
 Acq: 7 Apr 2021 15:39

Instrument :
 BNA_G
 ClientSampleId :
 SW-1



Tgt Ion:264 Resp: 171381

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.1	28.7
265	23.4	16.1	24.1

