

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
 Data File : BG048601.D
 Acq On : 6 Apr 2021 12:48
 Operator : CG/JU
 Sample : PB135531BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135531BL

Quant Time: Apr 06 13:24:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

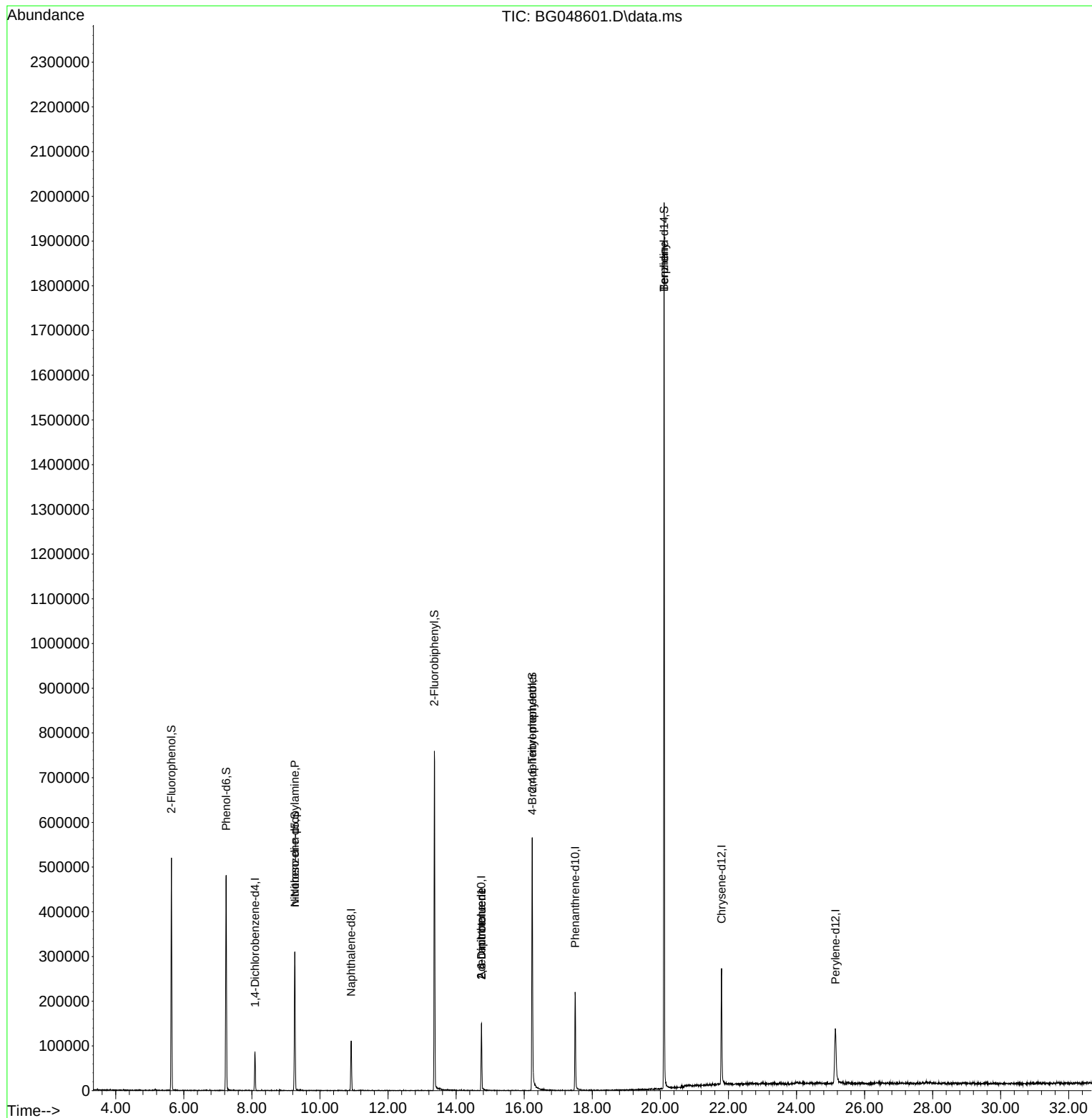
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	23606	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	92844	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	54898	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	155379	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	174986	20.00	ng	# 0.00
86) Perylene-d12	25.142	264	162432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	207234	154.99	ng	0.00
7) Phenol-d6	7.245	99	254678	131.34	ng	0.00
23) Nitrobenzene-d5	9.260	82	181299	94.54	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	117596	162.95	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	403218	109.17	ng	0.00
79) Terphenyl-d14	20.112	244	936648	97.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.260	70	27984	20.94	ng	# 75
51) 2,6-Dinitrotoluene	14.748	165	8574	9.20	ng	# 17
57) 2,4-Dinitrotoluene	14.748	165	8574	6.50	ng	# 22
67) 4-Bromophenyl-phenylether	16.240	248	8073	4.69	ng	# 1
77) Benzidine	20.112	184	16911	2.85	ng	99

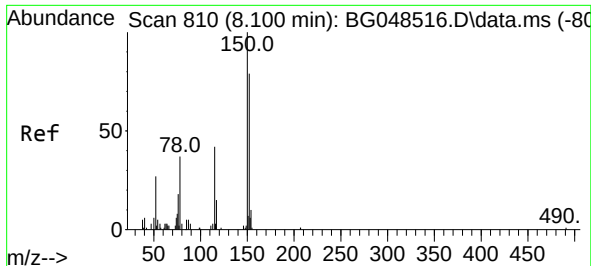
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 06 13:24:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

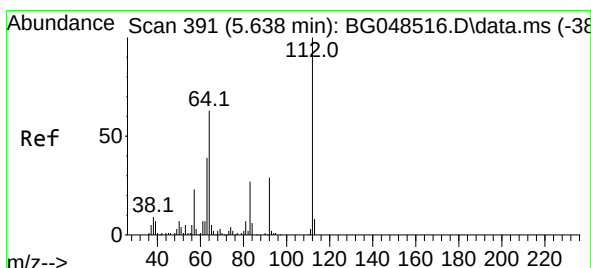
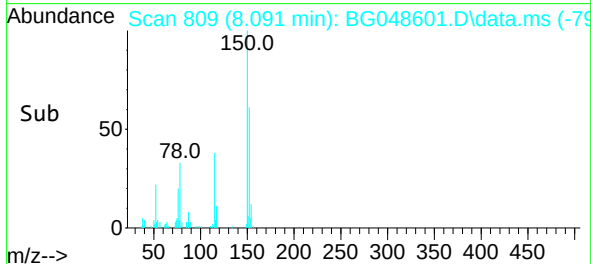
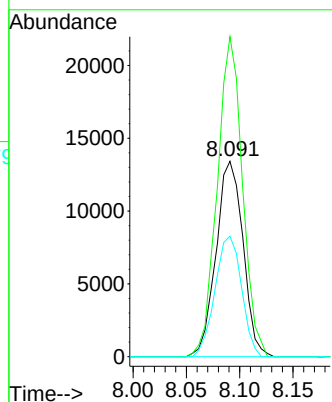
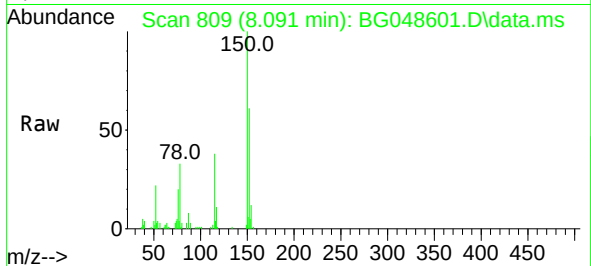




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

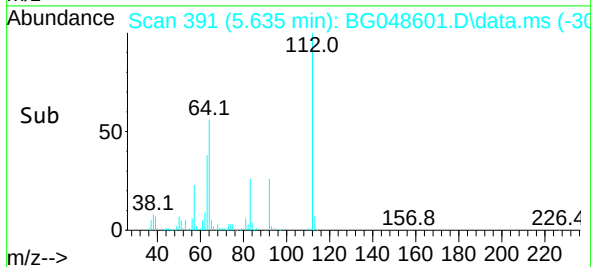
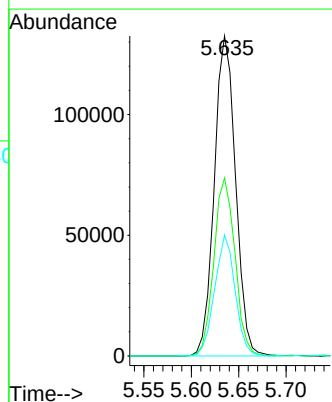
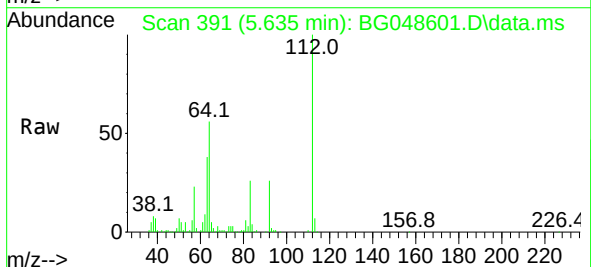
Instrument :
BNA_G
ClientSampleId :
PB135531BL

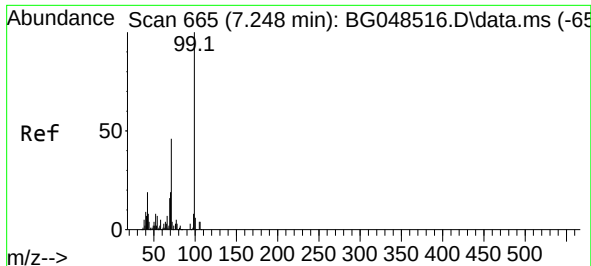
Tgt Ion:152 Resp: 23606
Ion Ratio Lower Upper
152 100
150 163.7 101.3 151.9#
115 61.7 42.3 63.5



#5
2-Fluorophenol
Concen: 154.99 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

Tgt Ion:112 Resp: 207234
Ion Ratio Lower Upper
112 100
64 55.6 50.4 75.6
63 37.8 31.4 47.2

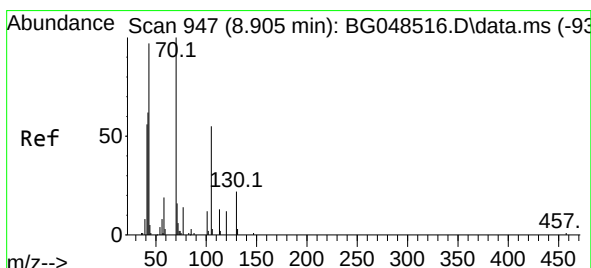
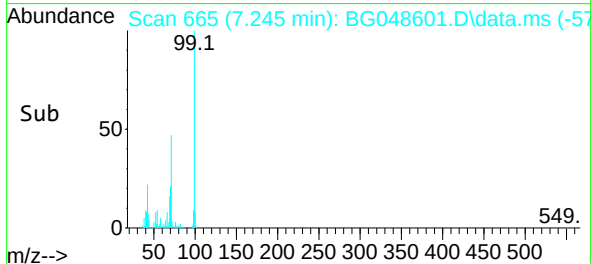
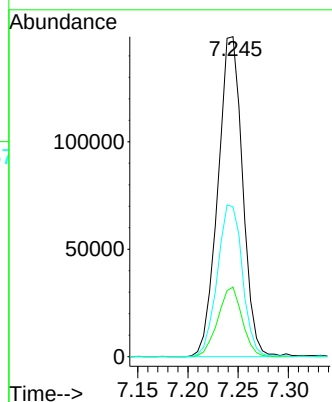
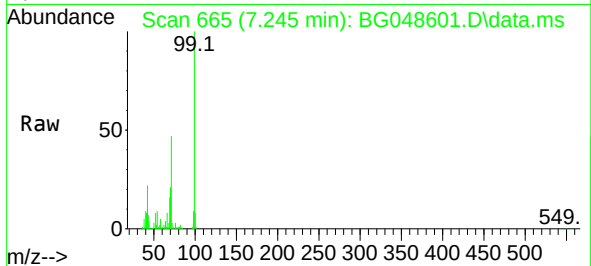




#7
Phenol-d6
Concen: 131.34 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

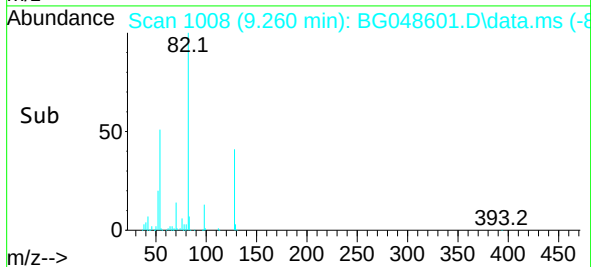
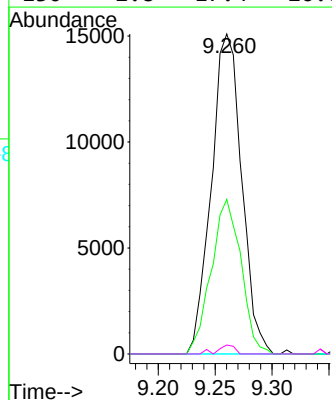
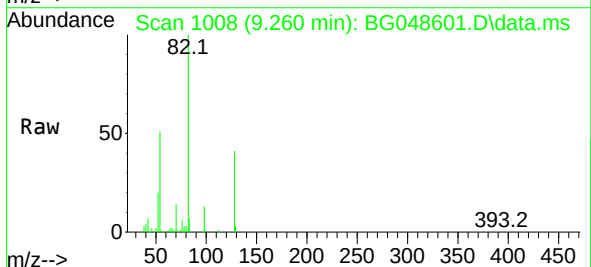
Instrument :
BNA_G
ClientSampleId :
PB135531BL

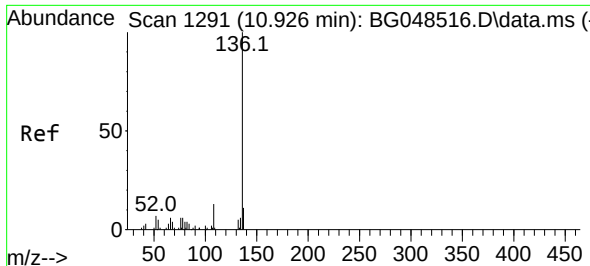
Tgt Ion: 99 Resp: 254678
Ion Ratio Lower Upper
99 100
42 21.8 15.5 23.3
71 46.8 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.94 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

Tgt Ion: 70 Resp: 27984
Ion Ratio Lower Upper
70 100
42 48.3 50.8 76.2#
101 0.0 9.7 14.5#
130 2.8 17.4 26.0#

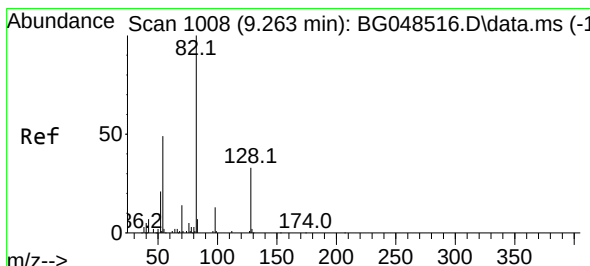
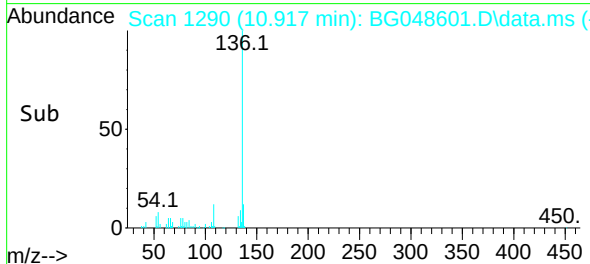
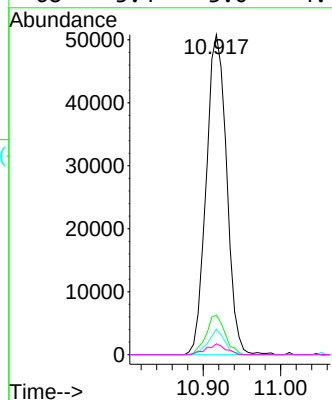
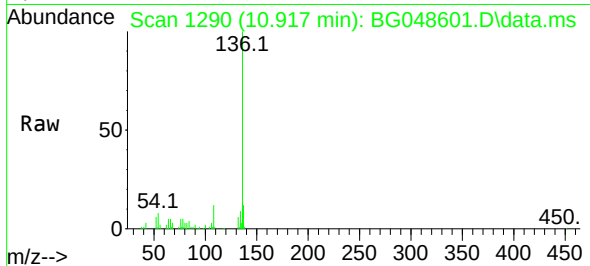




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

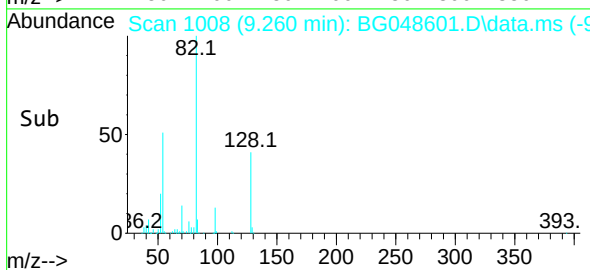
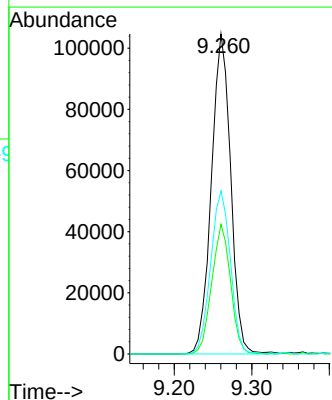
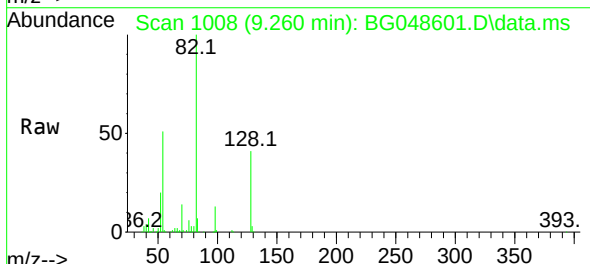
Instrument :
BNA_G
ClientSampleId :
PB135531BL

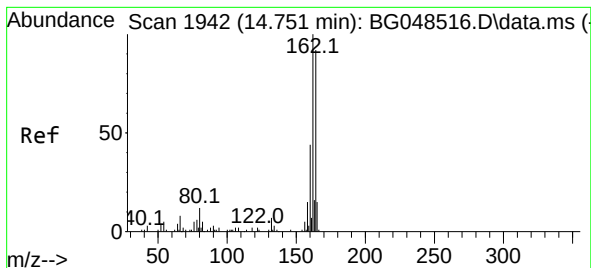
Tgt Ion:136	Resp:	92844
Ion Ratio	Lower	Upper
136	100	
137	12.3	8.6 12.8
54	8.0	4.2 6.4#
68	3.4	3.0 4.4



#23
Nitrobenzene-d5
Concen: 94.54 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

Tgt Ion: 82	Resp:	181299
Ion Ratio	Lower	Upper
82	100	
128	40.6	26.2 39.4#
54	50.9	38.9 58.3

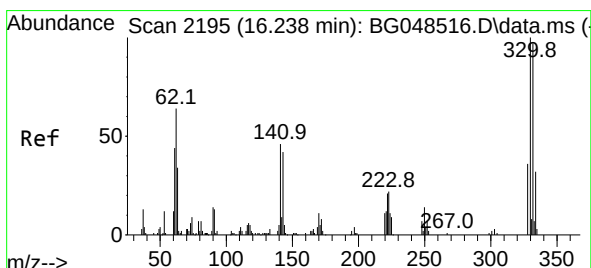
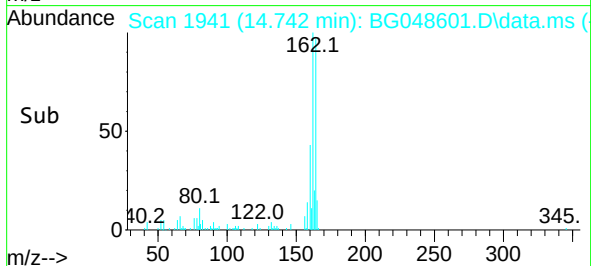
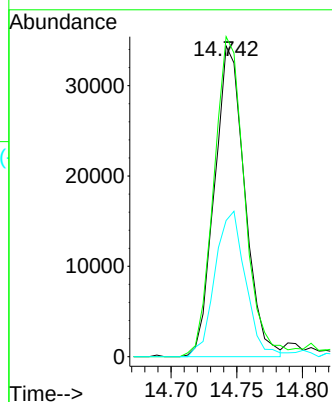
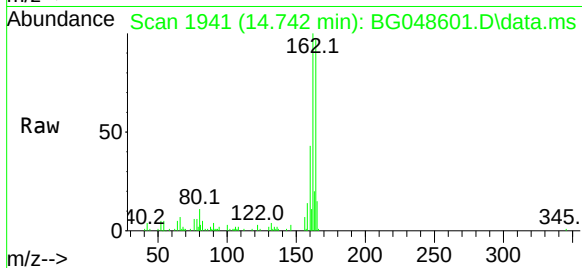




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

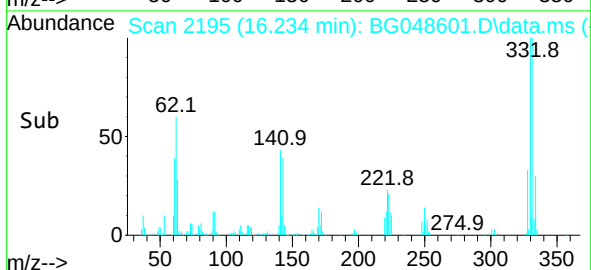
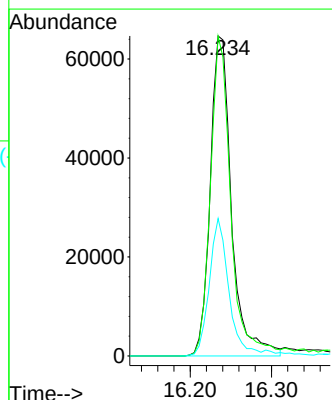
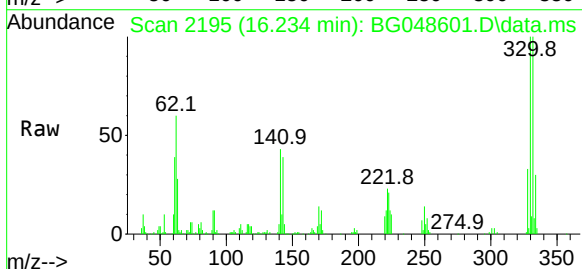
Instrument :
BNA_G
ClientSampleId :
PB135531BL

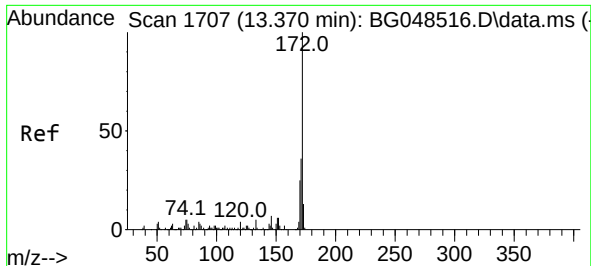
Tgt Ion:164 Resp: 54898
Ion Ratio Lower Upper
164 100
162 103.0 87.0 130.6
160 43.8 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 162.95 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

Tgt Ion:330 Resp: 117596
Ion Ratio Lower Upper
330 100
332 95.2 77.6 116.4
141 39.1 34.6 52.0

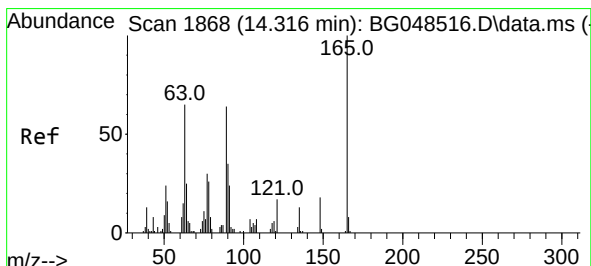
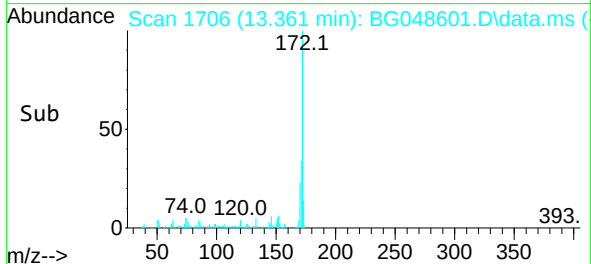
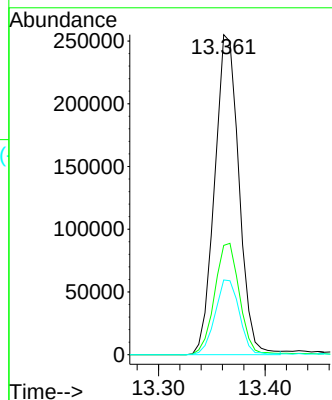
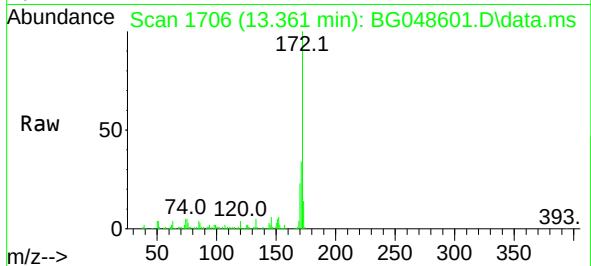




#45
2-Fluorobiphenyl
Concen: 109.17 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

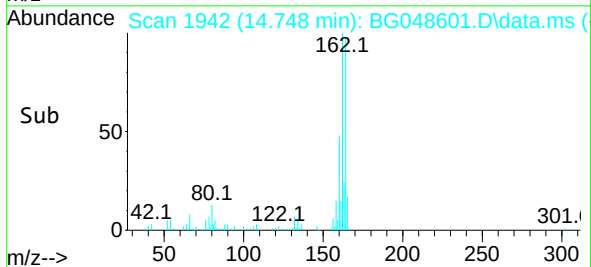
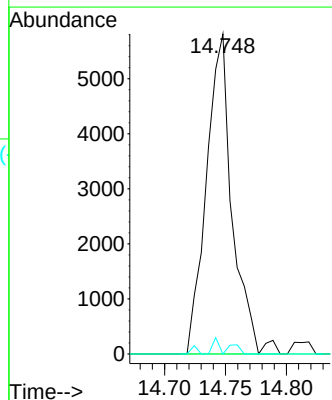
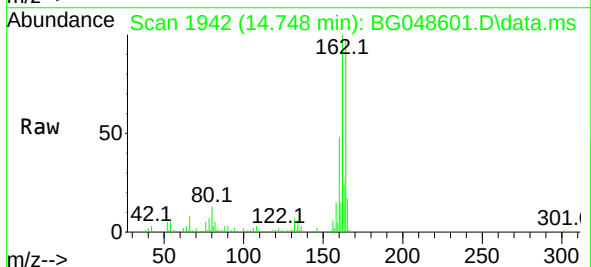
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ClientSampleId :
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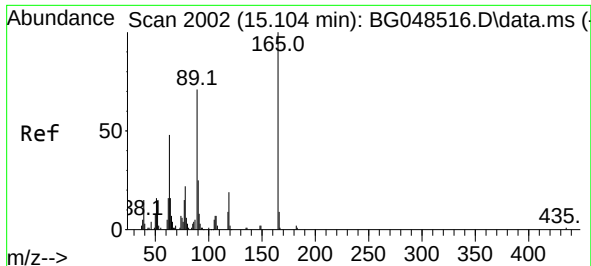
Tgt Ion:172 Resp: 403218
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 23.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.20 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.432 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

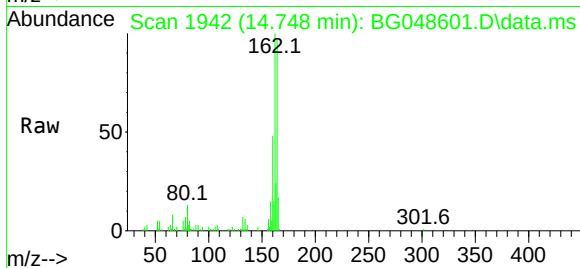
Tgt Ion:165 Resp: 8574
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



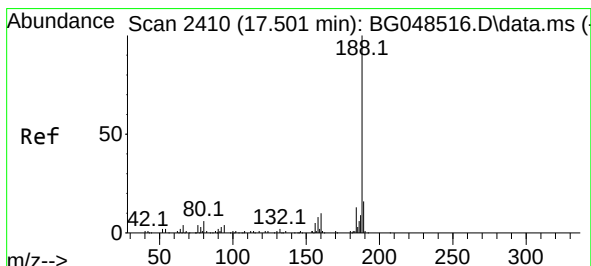
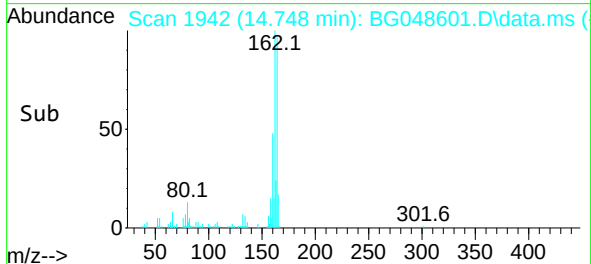
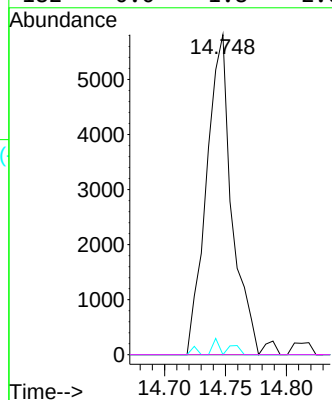


#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.355 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

Instrument :
BNA_G
ClientSampleId :
PB135531BL

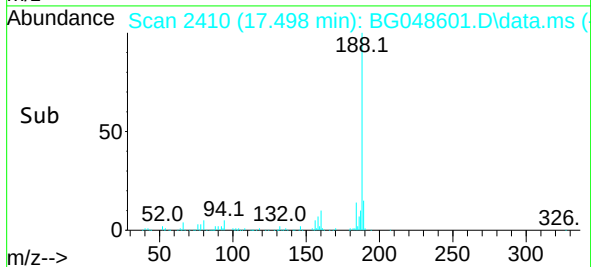
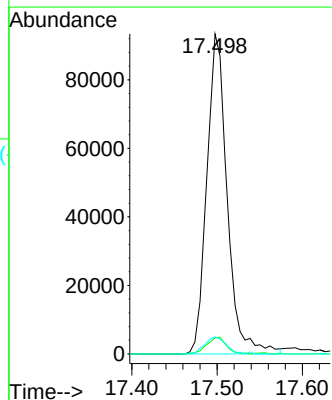
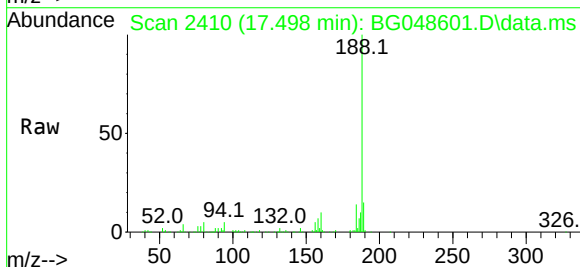


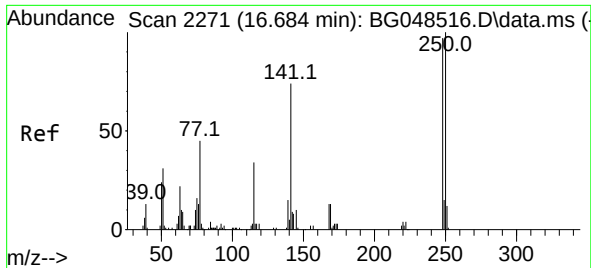
Tgt Ion:165 Resp: 8574
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

Tgt Ion:188 Resp: 155379
Ion Ratio Lower Upper
188 100
94 5.1 3.0 4.6#
80 5.3 4.5 6.7

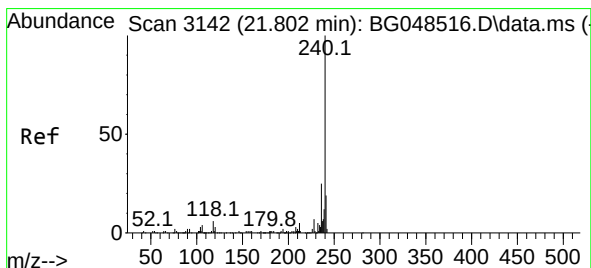
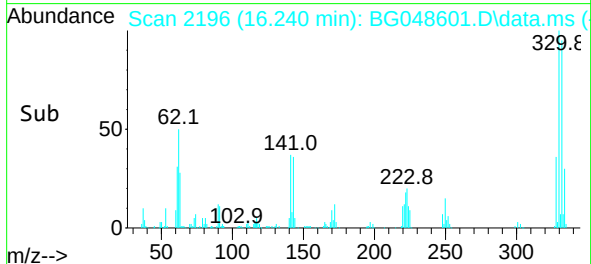
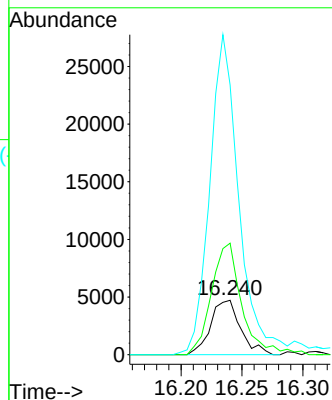
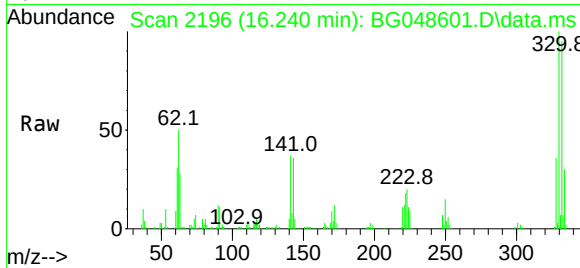




#67
4-Bromophenyl-phenylether
Concen: 4.69 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.449 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

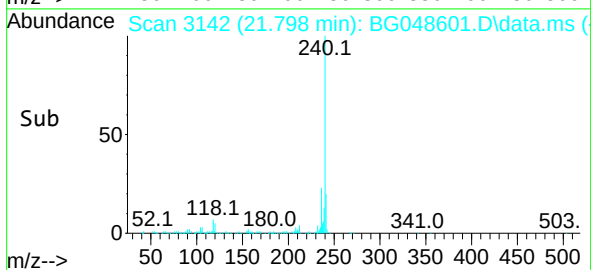
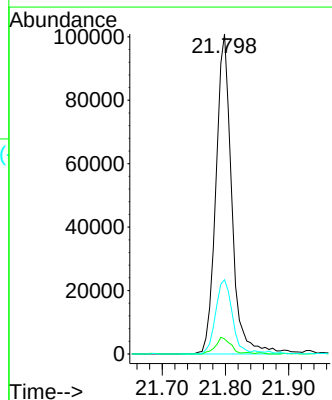
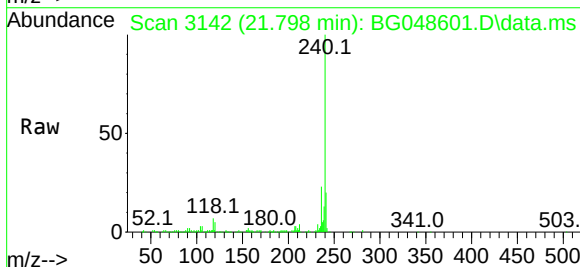
Instrument :
BNA_G
ClientSampleId :
PB135531BL

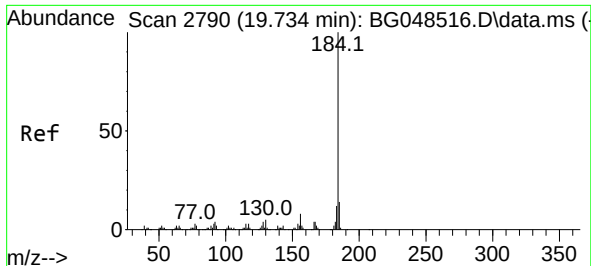
Tgt Ion:248 Resp: 8073
Ion Ratio Lower Upper
248 100
250 204.8 82.6 124.0#
141 494.9 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

Tgt Ion:240 Resp: 174986
Ion Ratio Lower Upper
240 100
120 4.7 2.6 3.8#
236 23.2 19.8 29.6

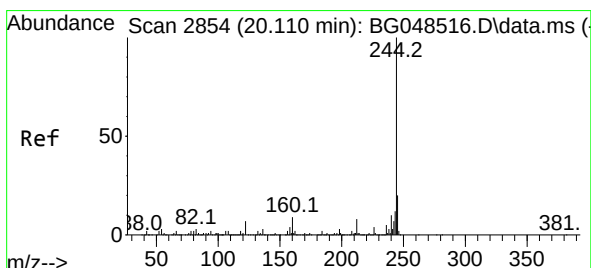
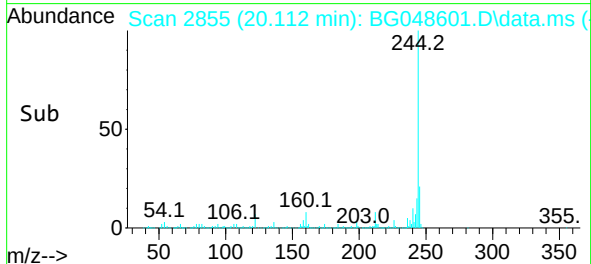
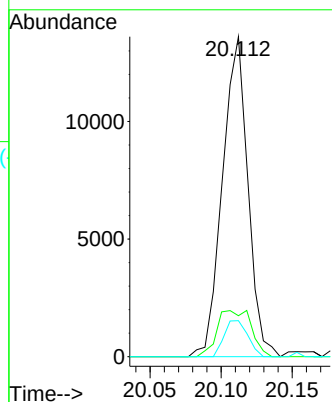
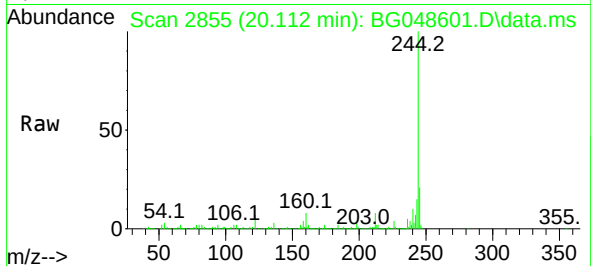




#77
Benzidine
Concen: 2.85 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.379 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

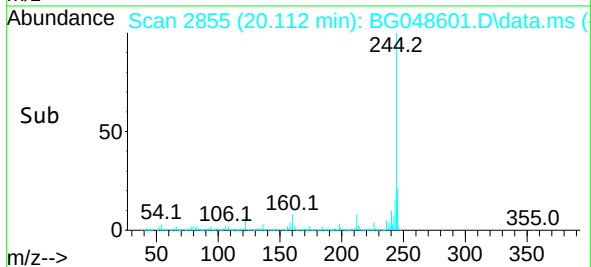
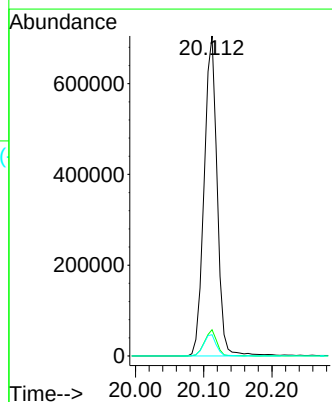
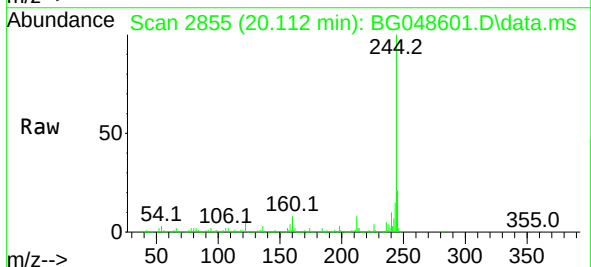
Instrument :
BNA_G
ClientSampleId :
PB135531BL

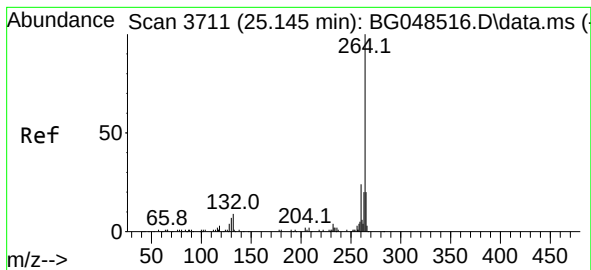
Tgt Ion:184 Resp: 16911
Ion Ratio Lower Upper
184 100
185 12.8 11.0 16.4
183 11.3 9.2 13.8



#79
Terphenyl-d14
Concen: 97.89 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BG048601.D
Acq: 6 Apr 2021 12:48

Tgt Ion:244 Resp: 936648
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 6.7 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.142 min Scan# 3711
 Delta R.T. -0.009 min
 Lab File: BG048601.D
 Acq: 6 Apr 2021 12:48

Instrument :
 BNA_G
 ClientSampleId :
 PB135531BL

Tgt Ion:264 Resp: 162432
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.1 28.7
 265 22.8 16.1 24.1

