

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
 Data File : BG048674.D
 Acq On : 13 Apr 2021 14:57
 Operator : CG/JU
 Sample : PB135702BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135702BL

Quant Time: Apr 14 00:29:47 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)

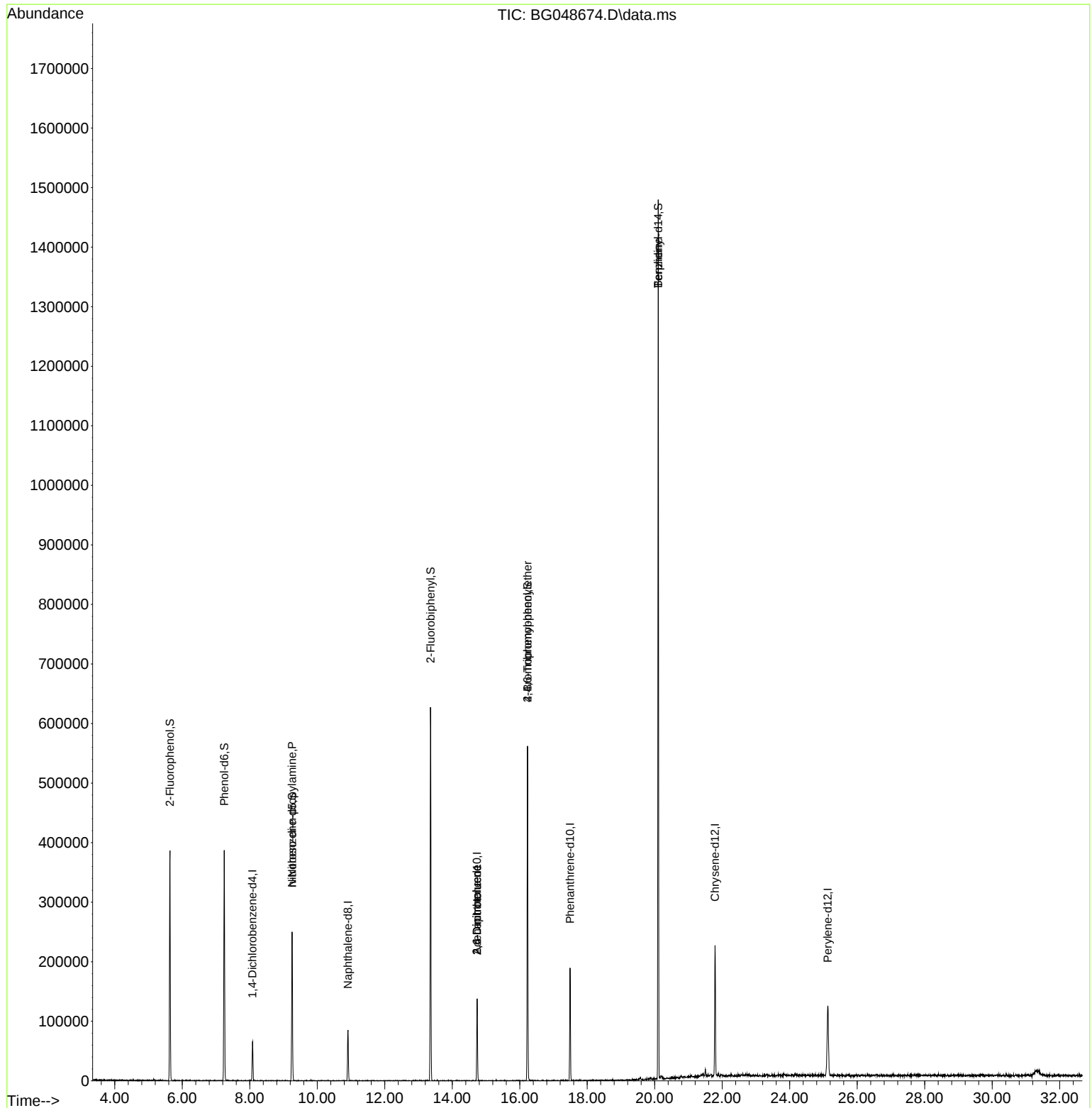
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	16547	20.00	ng	#-0.02
21) Naphthalene-d8	10.906	136	67444	20.00	ng	#-0.02
39) Acenaphthene-d10	14.737	164	45409	20.00	ng	-0.01
64) Phenanthrene-d10	17.492	188	116693	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	135452	20.00	ng	#-0.01
86) Perylene-d12	25.124	264	129806	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	140762	150.19	ng	0.00
7) Phenol-d6	7.245	99	178337	131.20	ng	0.00
23) Nitrobenzene-d5	9.255	82	136171	97.75	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	87147	146.00	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	303832	99.45	ng	-0.01
79) Terphenyl-d14	20.101	244	672390	90.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.255	70	21701	23.16	ng	# 81
51) 2,6-Dinitrotoluene	14.737	165	6666	8.65	ng	# 17
57) 2,4-Dinitrotoluene	14.737	165	6666	6.11	ng	# 22
67) 4-Bromophenyl-phenylether	16.229	248	6409	4.95	ng	# 1
77) Benzidine	20.107	184	14122	3.08	ng	# 90

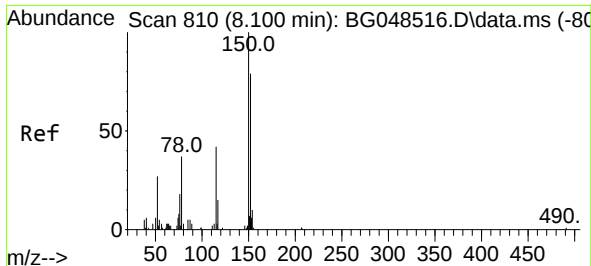
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

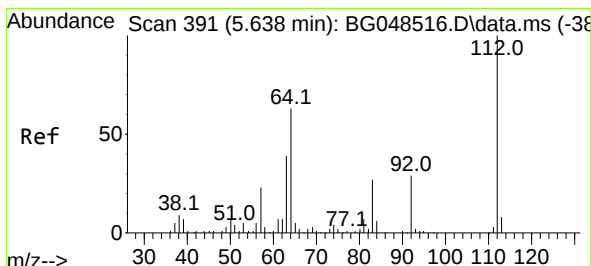
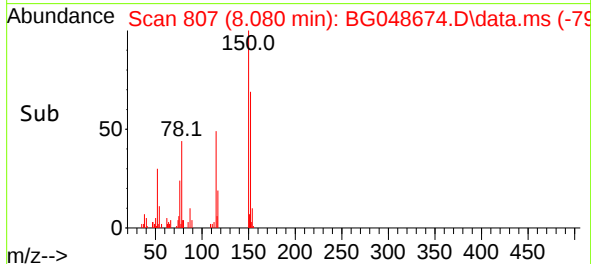
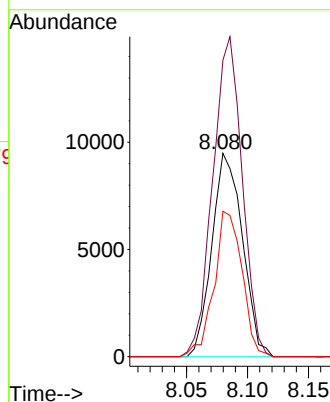
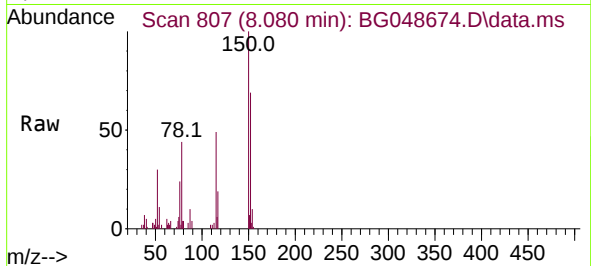




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.080 min Scan# 807
Delta R.T. -0.020 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

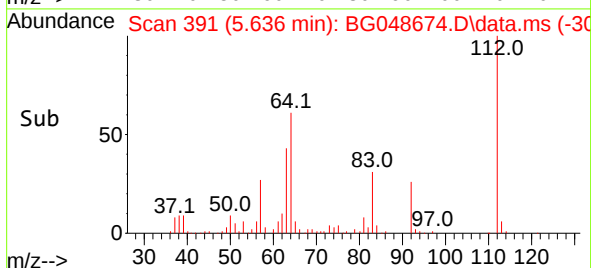
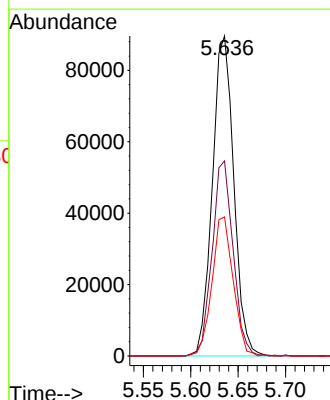
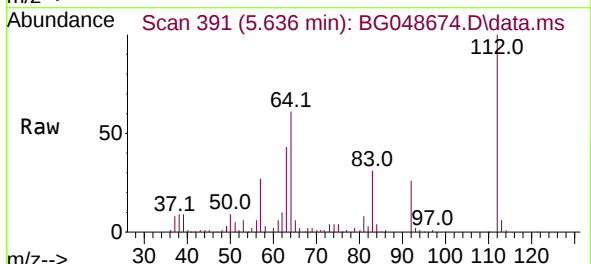
Instrument :
BNA_G
ClientSampleId :
PB135702BL

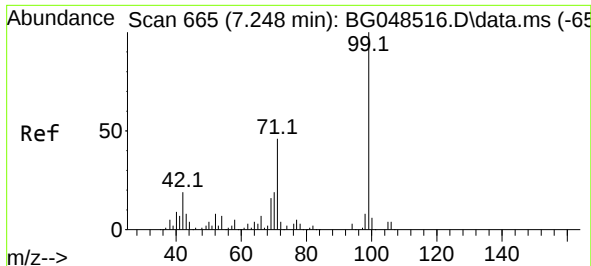
Tgt Ion:152 Resp: 16547
Ion Ratio Lower Upper
152 100
150 145.8 101.3 151.9
115 71.5 42.3 63.5#



#5
2-Fluorophenol
Concen: 150.19 ng
RT: 5.636 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

Tgt Ion:112 Resp: 140762
Ion Ratio Lower Upper
112 100
64 61.0 50.4 75.6
63 43.5 31.4 47.2

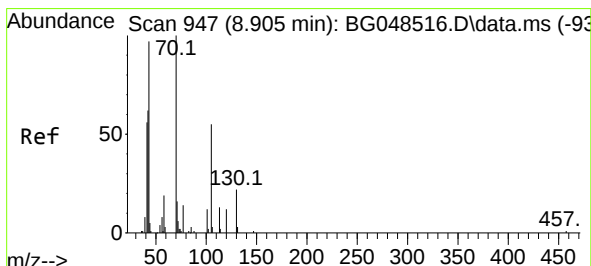
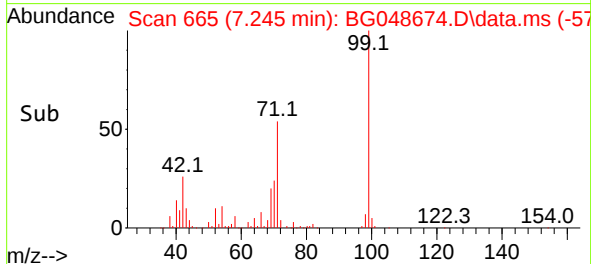
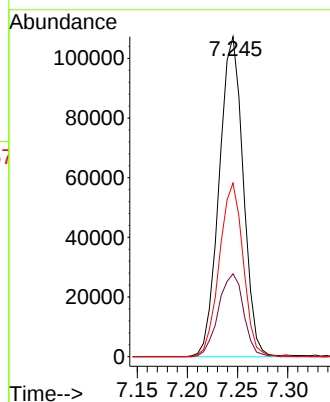
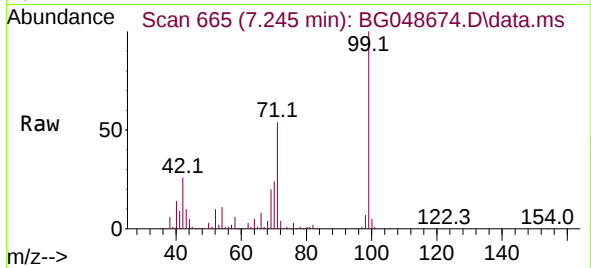




#7
Phenol-d6
Concen: 131.20 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

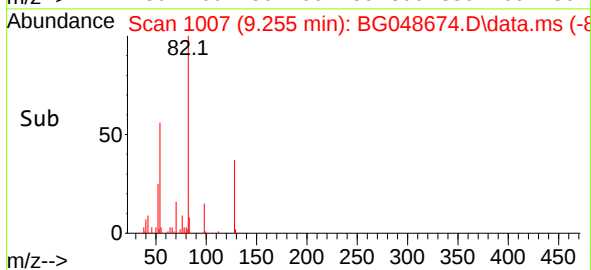
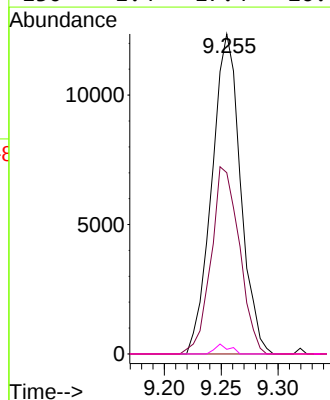
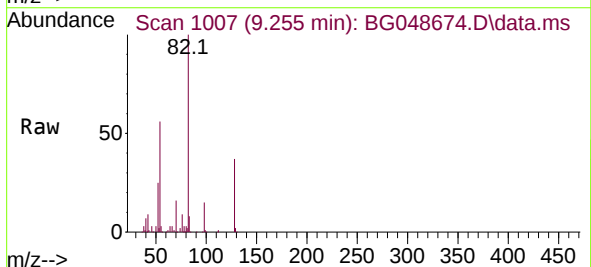
Instrument :
BNA_G
ClientSampleId :
PB135702BL

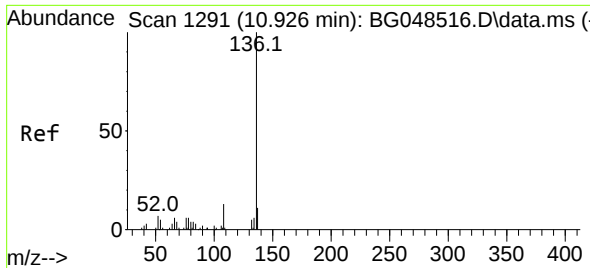
Tgt Ion: 99 Resp: 178337
Ion Ratio Lower Upper
99 100
42 25.9 15.5 23.3#
71 54.2 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 23.16 ng
RT: 9.255 min Scan# 1007
Delta R.T. 0.350 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

Tgt Ion: 70 Resp: 21701
Ion Ratio Lower Upper
70 100
42 56.7 50.8 76.2
101 0.0 9.7 14.5#
130 1.4 17.4 26.0#

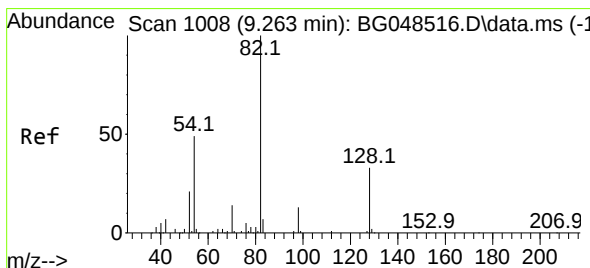
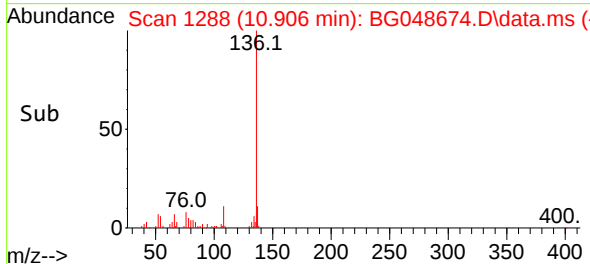
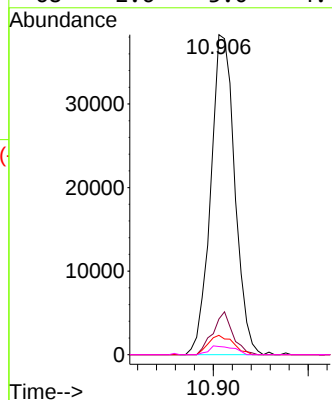
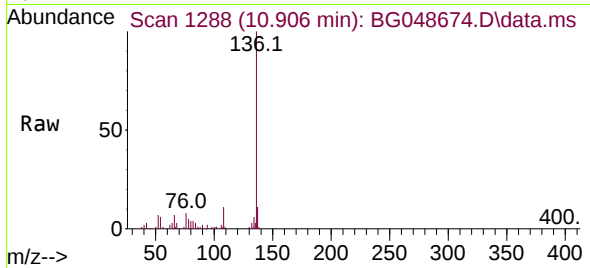




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.020 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

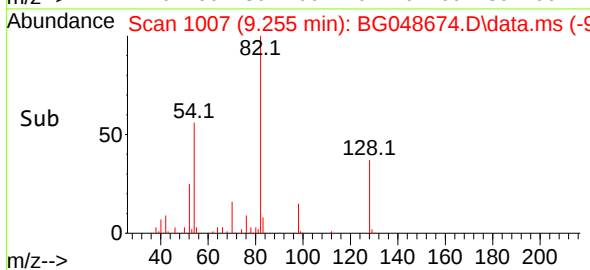
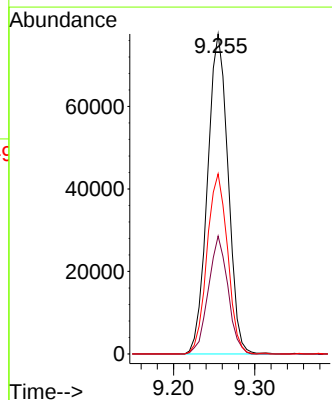
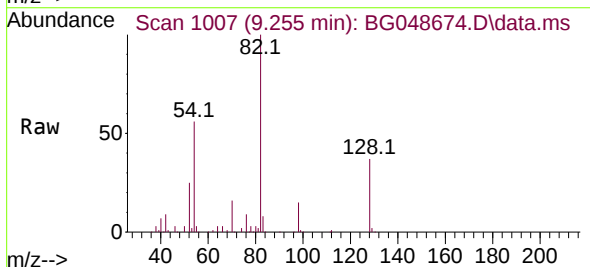
Instrument :
BNA_G
ClientSampleId :
PB135702BL

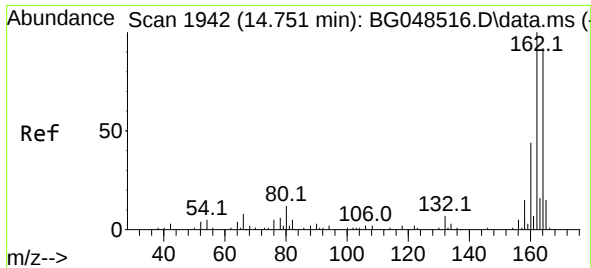
Tgt Ion:	136	Resp:	67444
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	6.0	4.2	6.4
68	2.6	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 97.75 ng
RT: 9.255 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

Tgt Ion:	82	Resp:	136171
Ion Ratio	Lower	Upper	
82	100		
128	36.8	26.2	39.4
54	56.3	38.9	58.3

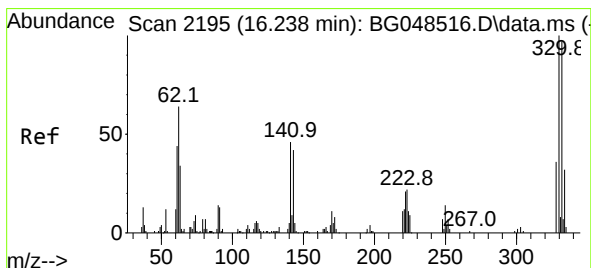
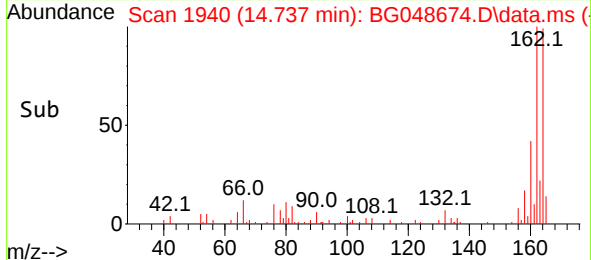
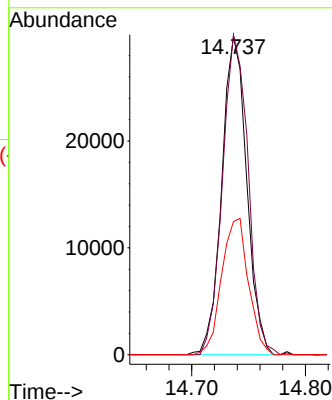
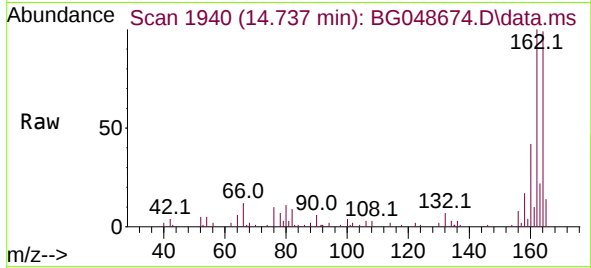




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.015 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

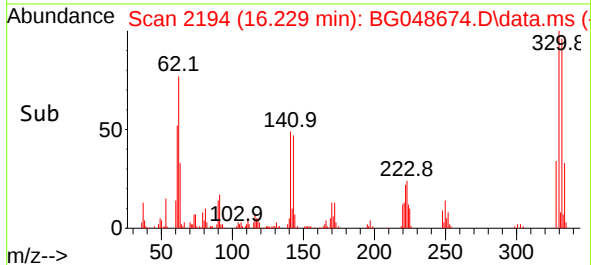
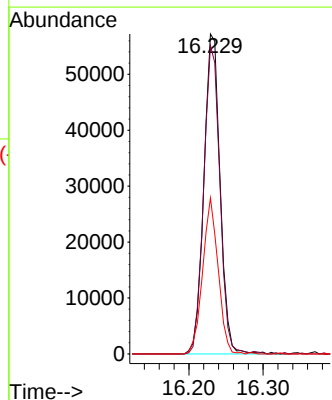
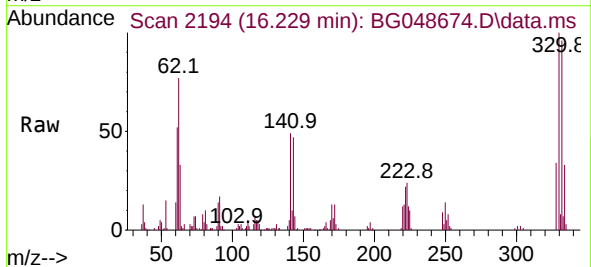
Instrument :
BNA_G
ClientSampleId :
PB135702BL

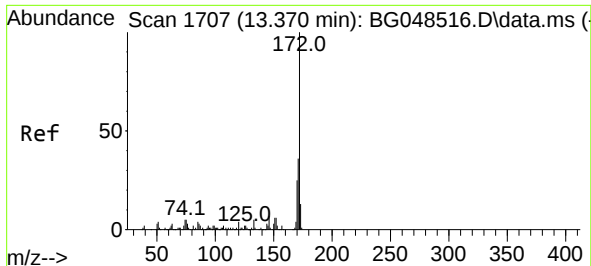
Tgt Ion:164	Resp:	45409
Ion Ratio	Lower	Upper
164	100	
162	100.6	87.0 130.6
160	41.8	38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 146.00 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.009 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

Tgt Ion:330	Resp:	87147
Ion Ratio	Lower	Upper
330	100	
332	95.8	77.6 116.4
141	46.4	34.6 52.0

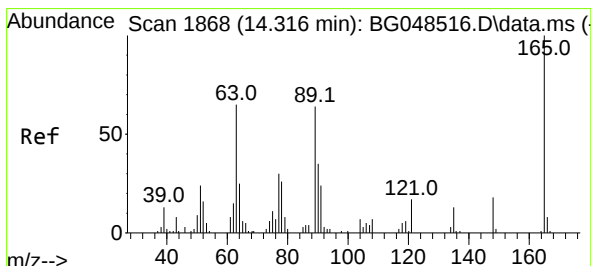
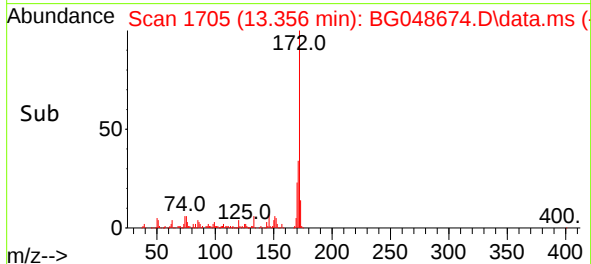
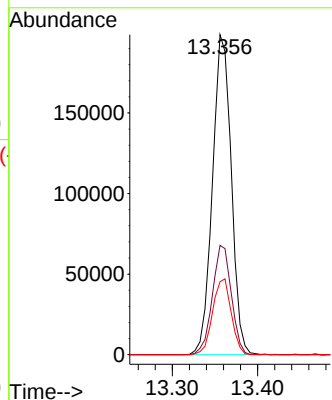
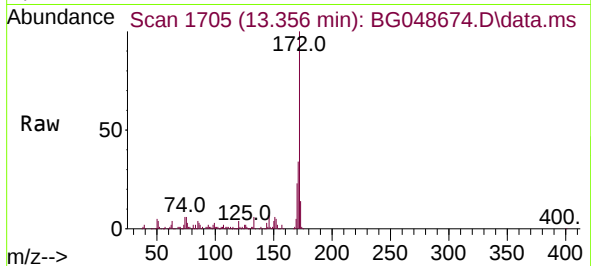




#45
2-Fluorobiphenyl
Concen: 99.45 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.015 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

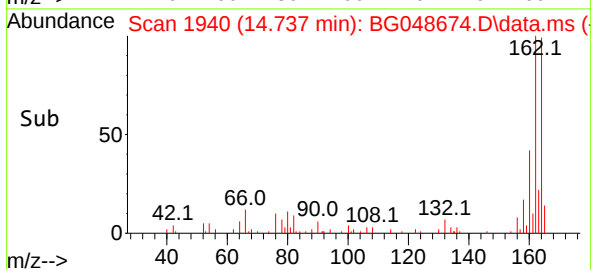
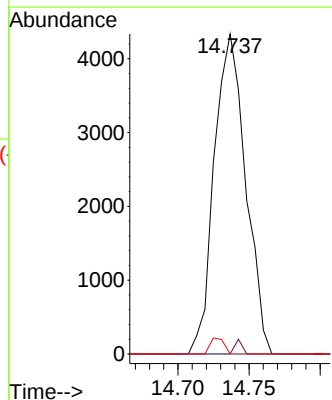
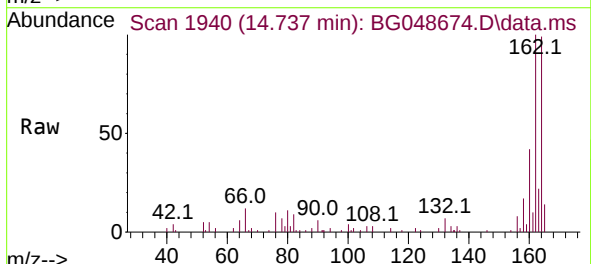
Instrument :
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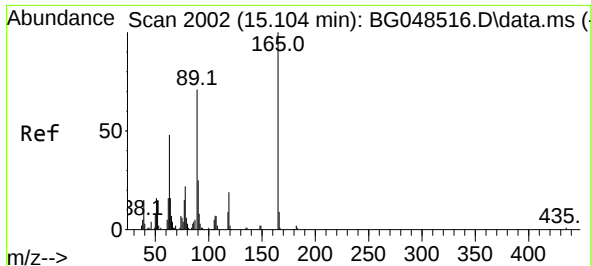
Tgt Ion:172 Resp: 303832
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 22.8 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.65 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.420 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

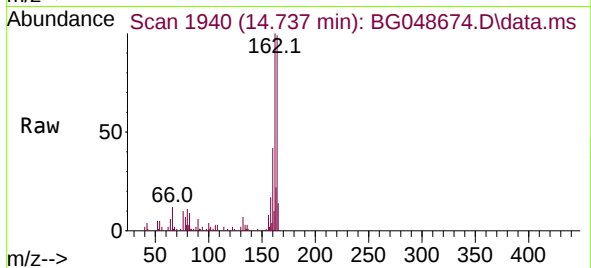
Tgt Ion:165 Resp: 6666
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



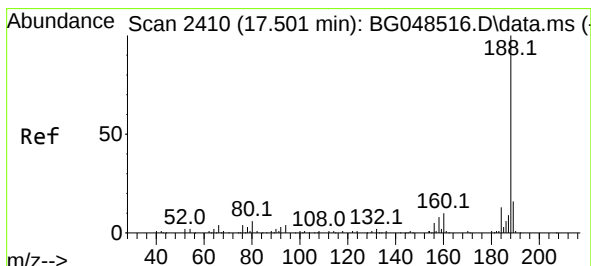
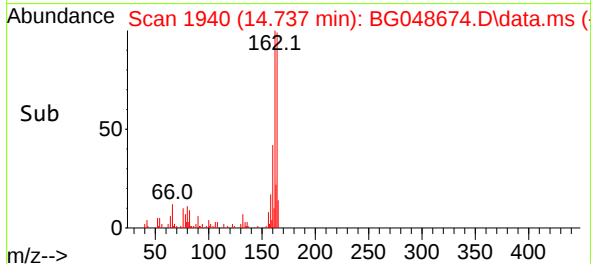
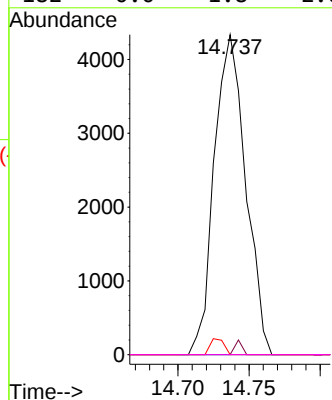


#57
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.367 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

Instrument :
BNA_G
ClientSampleId :
PB135702BL

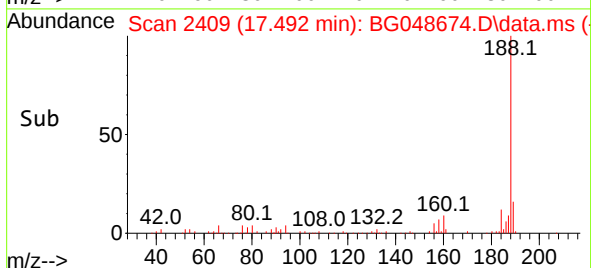
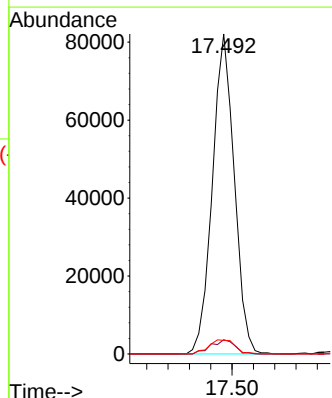
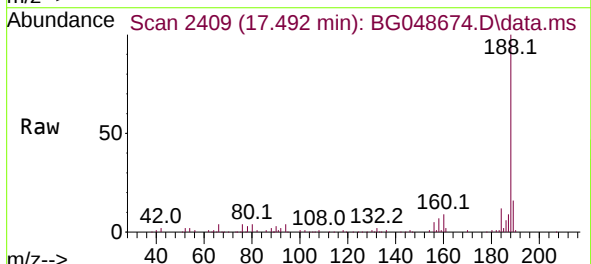


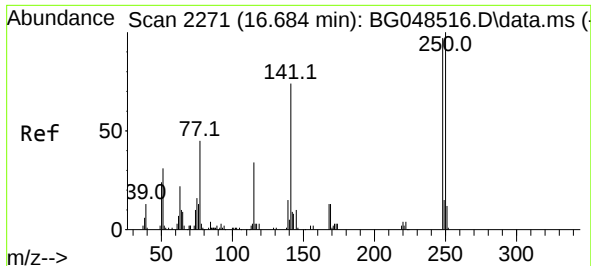
Tgt Ion:165 Resp: 6666
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

Tgt Ion:188 Resp: 116693
Ion Ratio Lower Upper
188 100
94 4.5 3.0 4.6
80 4.3 4.5 6.7#

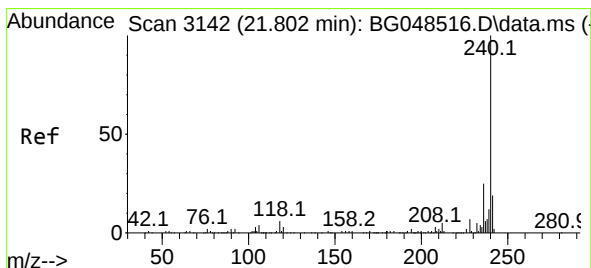
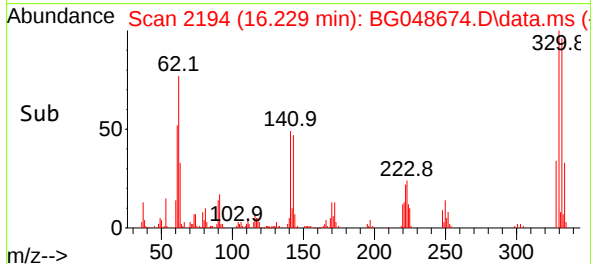
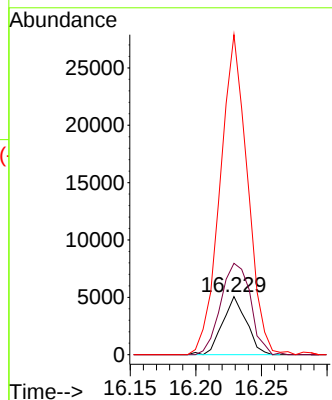
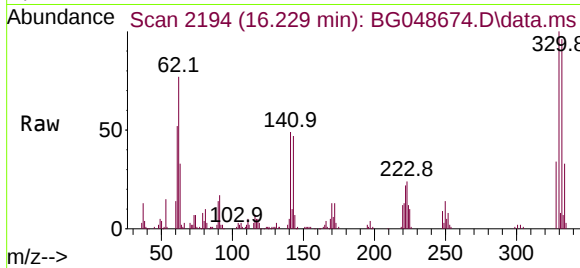




#67
4-Bromophenyl-phenylether
Concen: 4.95 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.455 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

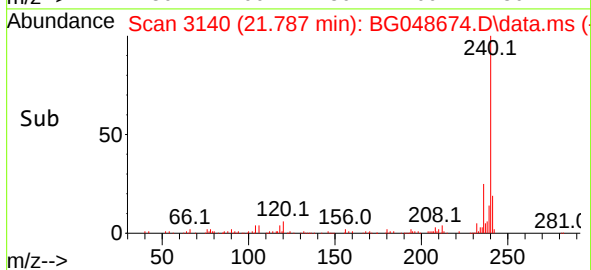
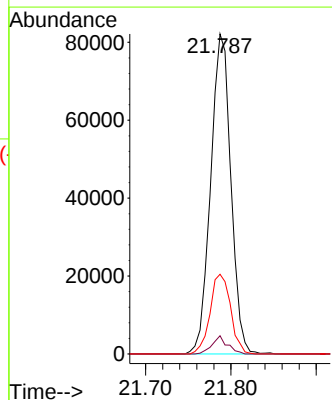
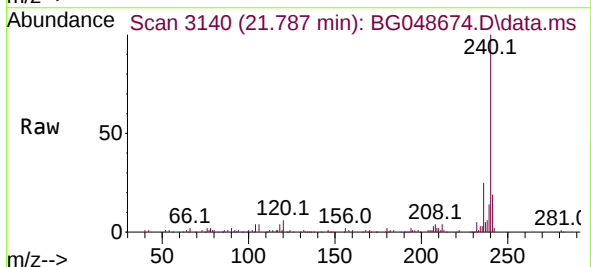
Instrument :
BNA_G
ClientSampleId :
PB135702BL

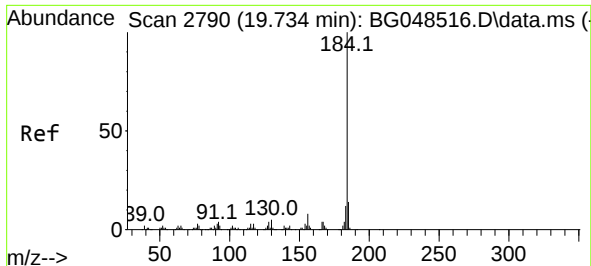
Tgt Ion:248 Resp: 6409
Ion Ratio Lower Upper
248 100
250 157.3 82.6 124.0#
141 550.5 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.015 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

Tgt Ion:240 Resp: 135452
Ion Ratio Lower Upper
240 100
120 5.7 2.6 3.8#
236 24.9 19.8 29.6

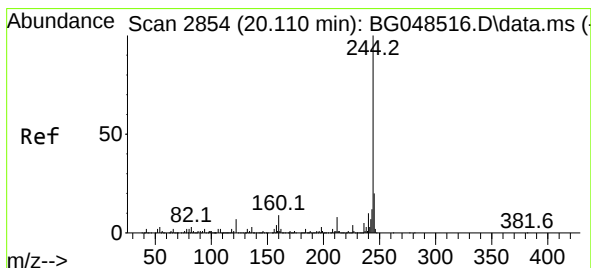
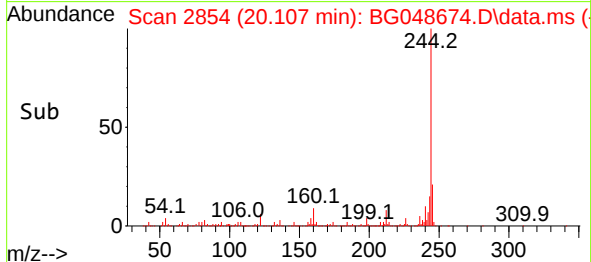
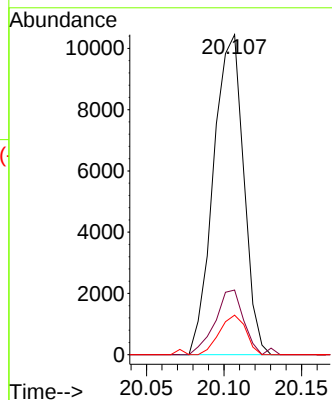
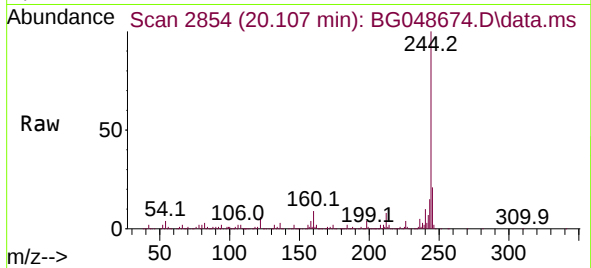




#77
Benzidine
Concen: 3.08 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.373 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

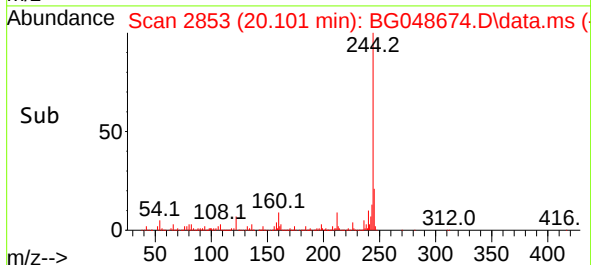
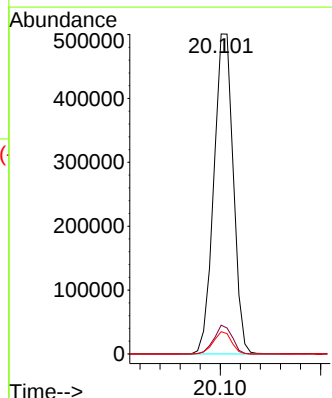
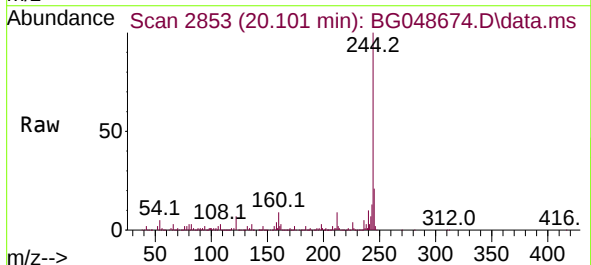
Instrument :
BNA_G
ClientSampleId :
PB135702BL

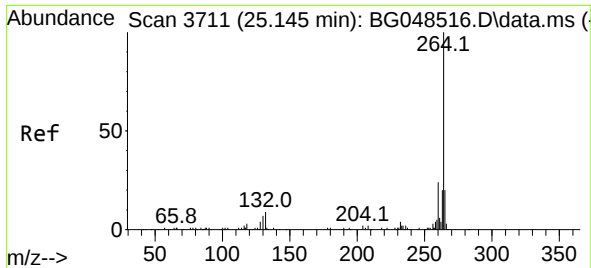
Tgt Ion:184 Resp: 14122
Ion Ratio Lower Upper
184 100
185 20.2 11.0 16.4#
183 12.4 9.2 13.8



#79
Terphenyl-d14
Concen: 90.78 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.009 min
Lab File: BG048674.D
Acq: 13 Apr 2021 14:57

Tgt Ion:244 Resp: 672390
Ion Ratio Lower Upper
244 100
212 9.0 6.0 9.0#
122 6.9 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.124 min Scan# 3708
 Delta R.T. -0.020 min
 Lab File: BG048674.D
 Acq: 13 Apr 2021 14:57

Instrument :
 BNA_G
 ClientSampleId :
 PB135702BL

Tgt Ion:264 Resp: 129806
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 20.1 16.1 24.1

