

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052313.D
 Acq On : 8 Feb 2022 11:09
 Operator : CG/JU
 Sample : PB142516BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142516BL

Quant Time: Feb 08 11:46:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

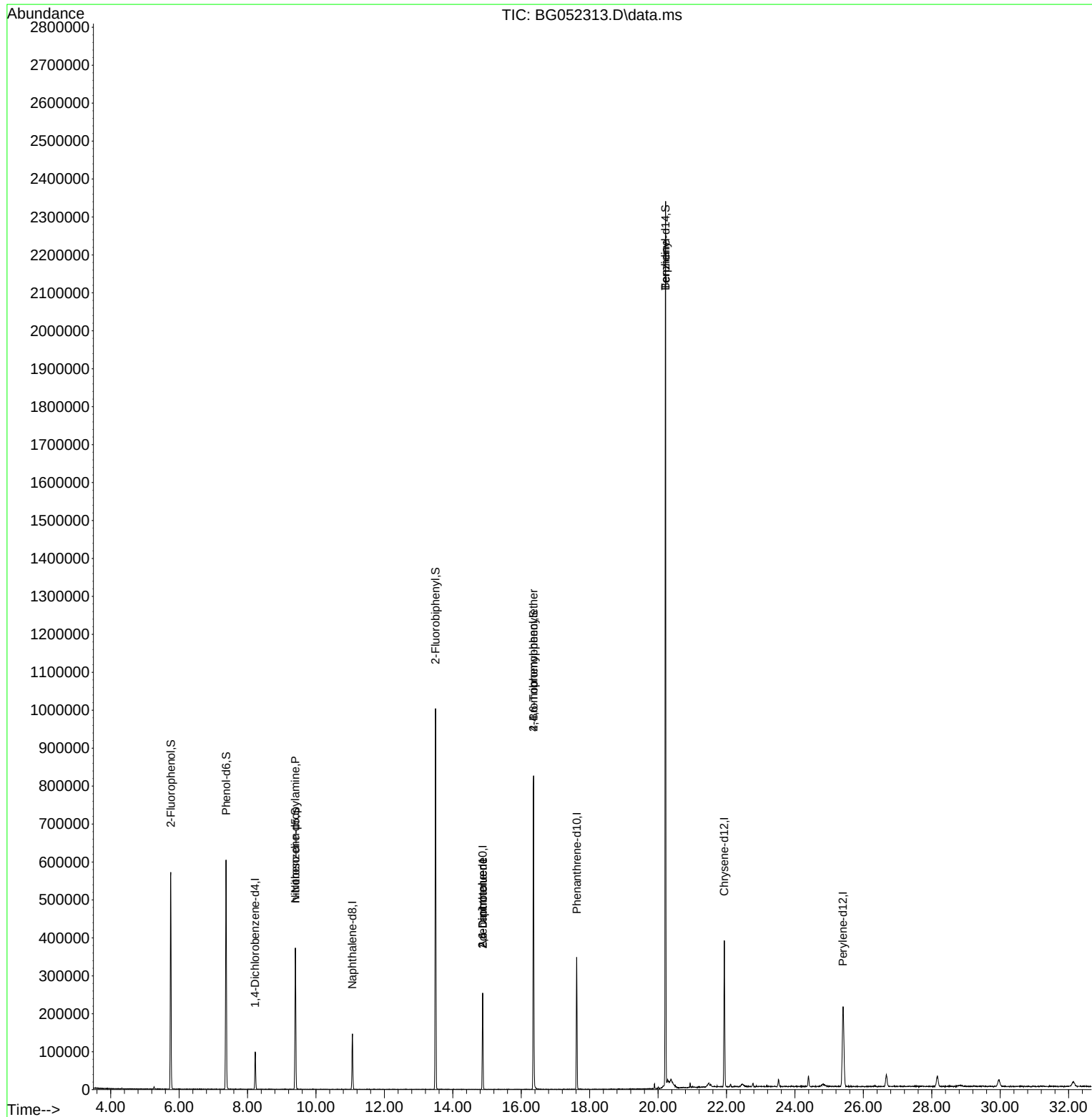
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	27591	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	120912	20.000	ng	# 0.00
39) Acenaphthene-d10	14.873	164	91632	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	230086	20.000	ng	0.00
76) Chrysene-d12	21.934	240	257219	20.000	ng	0.00
86) Perylene-d12	25.400	264	246562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	241562	152.589	ng	0.00
7) Phenol-d6	7.372	99	342468	140.206	ng	0.00
23) Nitrobenzene-d5	9.398	82	235821	84.765	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	168949	128.338	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	551597	83.646	ng	0.00
79) Terphenyl-d14	20.219	244	1219784	83.741	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.398	70	31500	17.106	ng	# 72
51) 2,6-Dinitrotoluene	14.873	165	12286	8.111	ng	# 16
57) 2,4-Dinitrotoluene	14.873	165	12286	5.699	ng	# 15
67) 4-Bromophenyl-phenylether	16.360	248	11486	4.105	ng	# 1
77) Benzidine	20.219	184	18270	3.324	ng	# 95

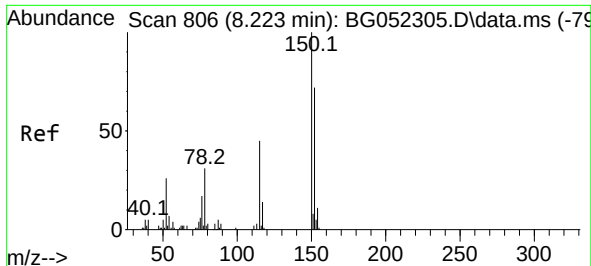
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
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Quant Time: Feb 08 11:46:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

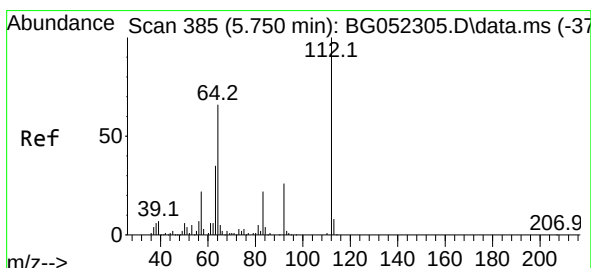
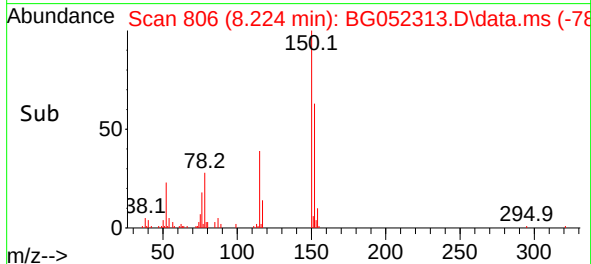
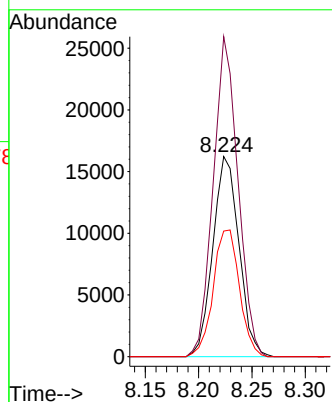
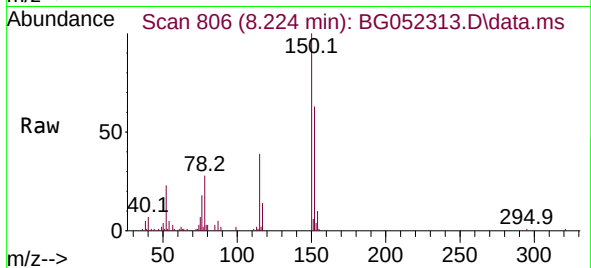




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

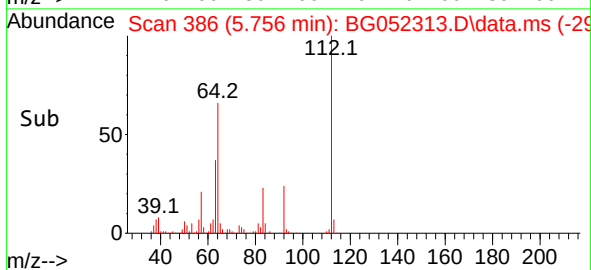
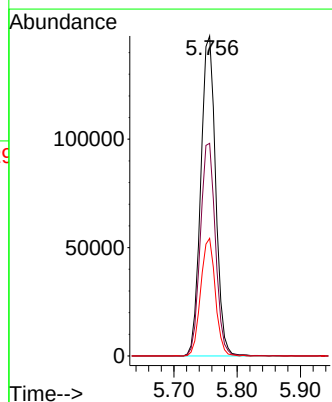
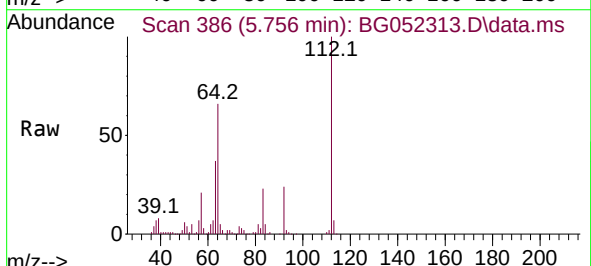
Instrument :
BNA_G
ClientSampleId :
PB142516BL

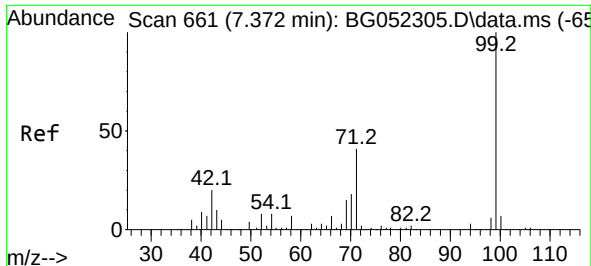
Tgt Ion:152 Resp: 27591
Ion Ratio Lower Upper
152 100
150 159.9 117.8 176.8
115 62.7 50.2 75.2



#5
2-Fluorophenol
Concen: 152.589 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

Tgt Ion:112 Resp: 241562
Ion Ratio Lower Upper
112 100
64 66.4 60.4 90.6
63 36.7 33.3 49.9

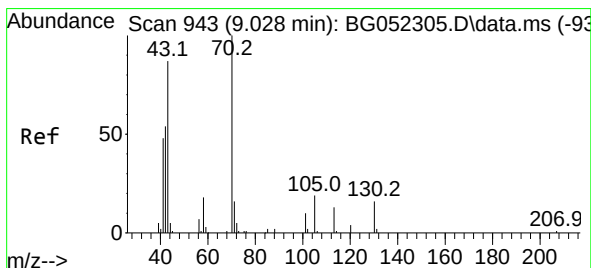
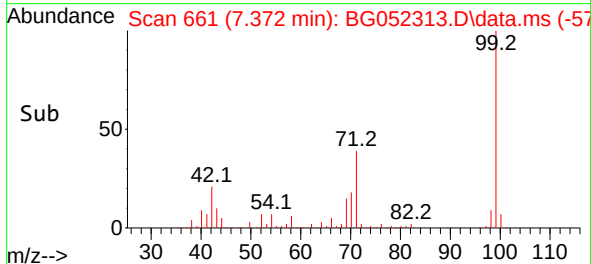
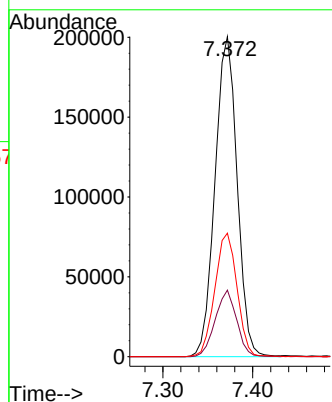
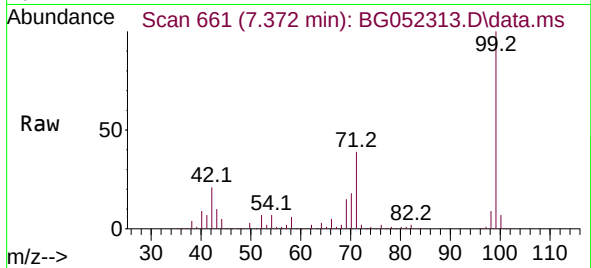




#7
Phenol-d6
Concen: 140.206 ng
RT: 7.372 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

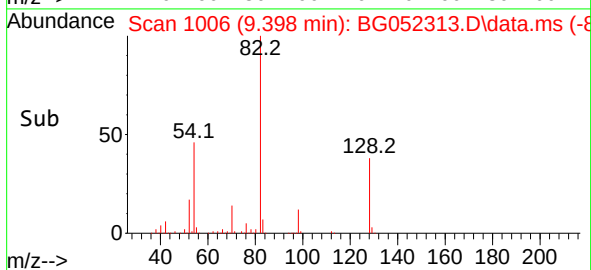
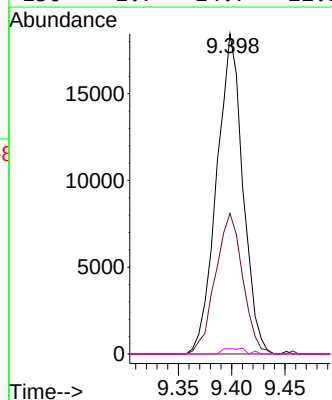
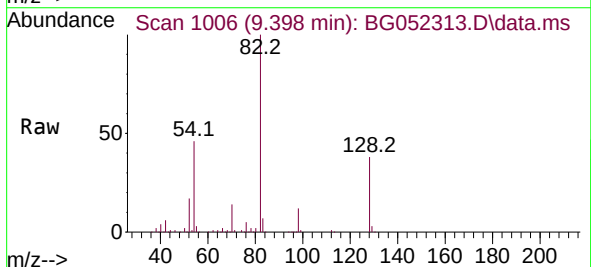
Instrument :
BNA_G
ClientSampleId :
PB142516BL

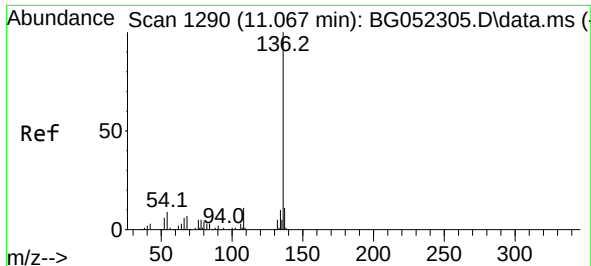
Tgt Ion: 99 Resp: 342468
Ion Ratio Lower Upper
99 100
42 20.8 19.1 28.7
71 38.6 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.106 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.370 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

Tgt Ion: 70 Resp: 31500
Ion Ratio Lower Upper
70 100
42 43.9 51.8 77.6#
101 0.0 6.6 10.0#
130 1.7 14.7 22.1#

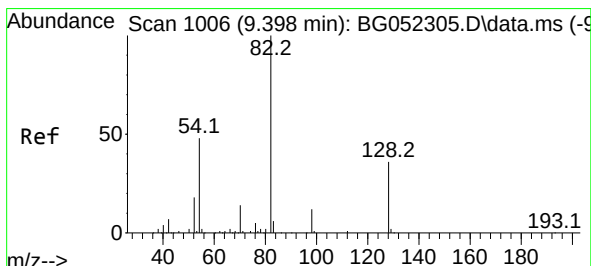
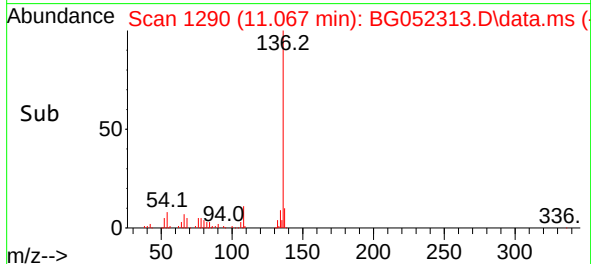
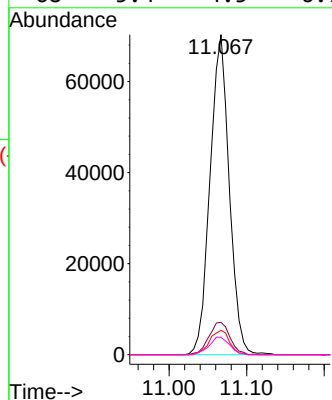
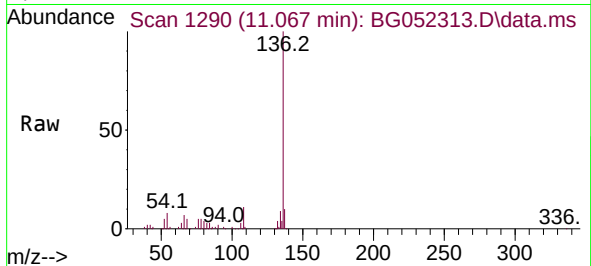




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

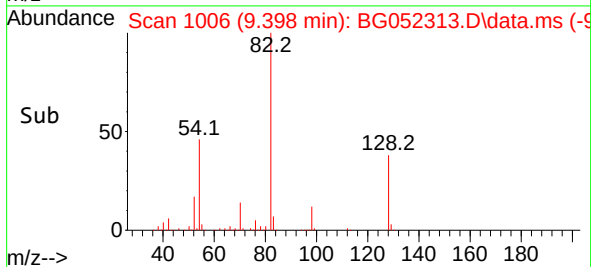
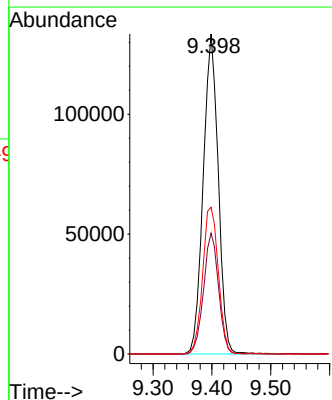
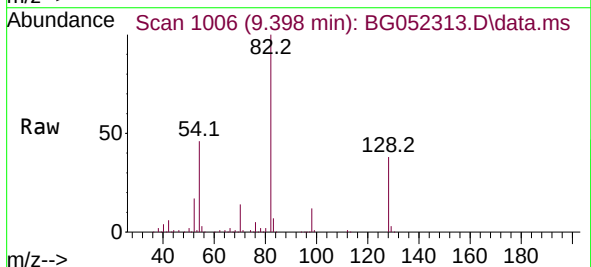
Instrument :
BNA_G
ClientSampleId :
PB142516BL

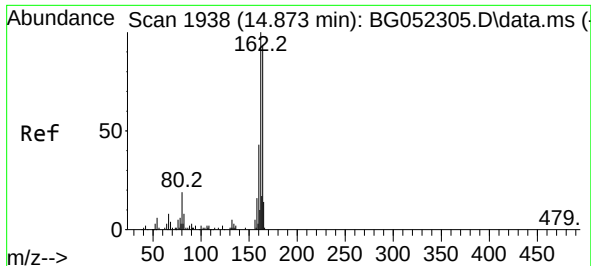
Tgt Ion:136 Resp: 120912
Ion Ratio Lower Upper
136 100
137 10.1 9.1 13.7
54 7.6 8.3 12.5#
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.765 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

Tgt Ion: 82 Resp: 235821
Ion Ratio Lower Upper
82 100
128 37.7 27.0 40.4
54 45.9 41.0 61.6

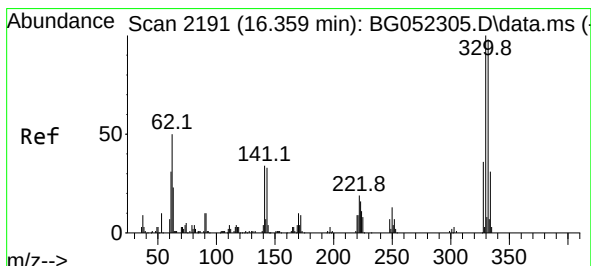
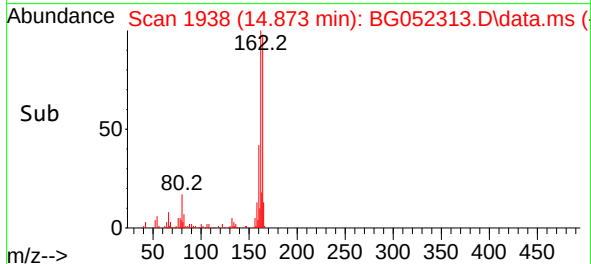
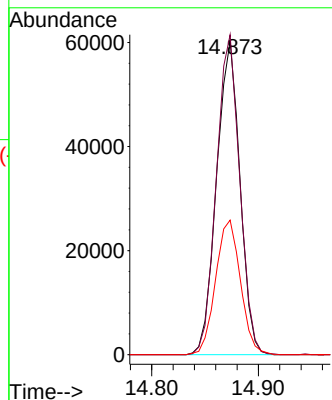
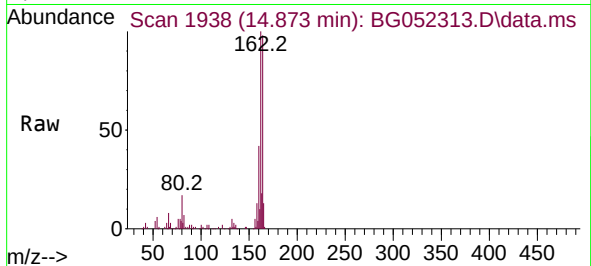




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

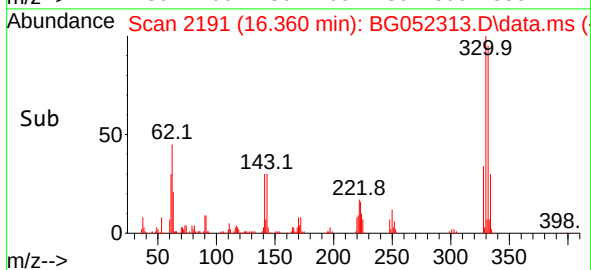
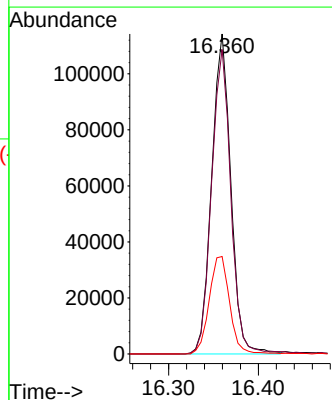
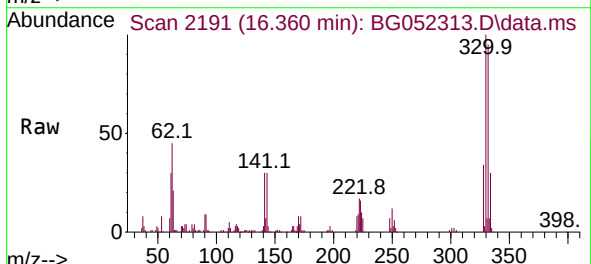
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ClientSampleId :
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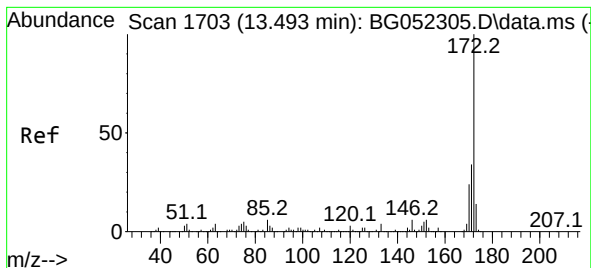
Tgt Ion:164 Resp: 91632
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 42.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 128.338 ng
RT: 16.360 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

Tgt Ion:330 Resp: 168949
Ion Ratio Lower Upper
330 100
332 96.0 78.6 117.8
141 32.7 28.8 43.2

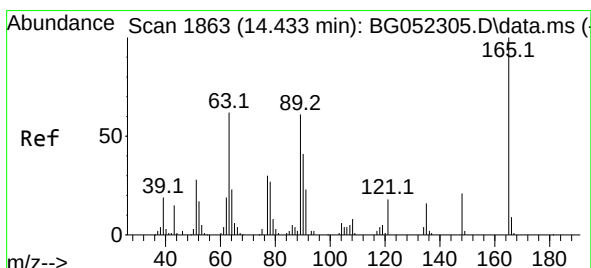
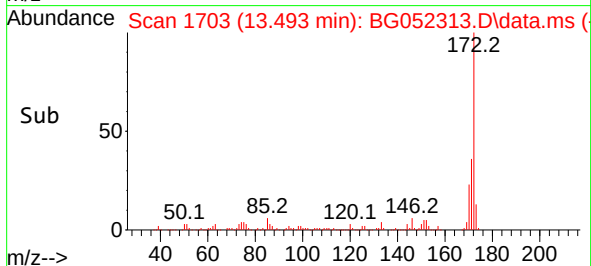
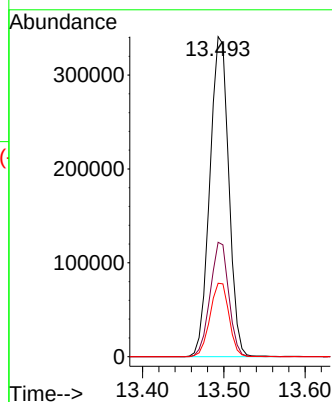
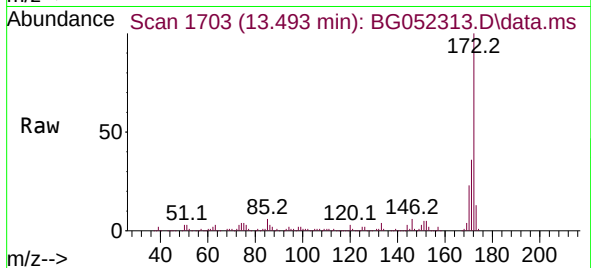




#45
2-Fluorobiphenyl
Concen: 83.646 ng
RT: 13.493 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

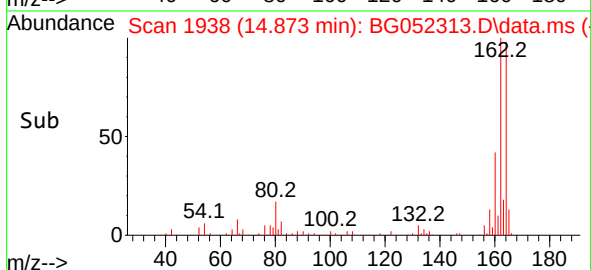
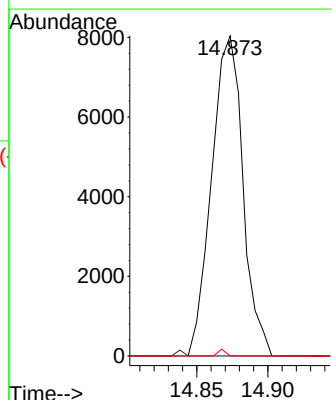
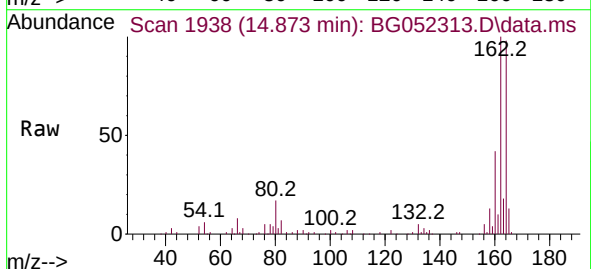
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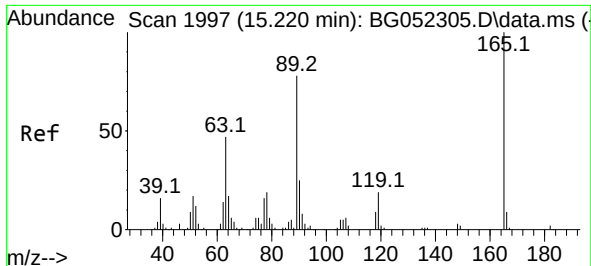
Tgt Ion:172 Resp: 551597
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.0 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.111 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.441 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

Tgt Ion:165 Resp: 12286
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#

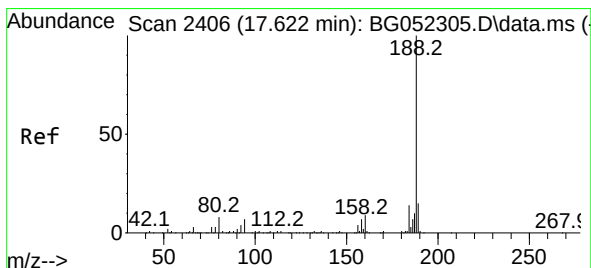
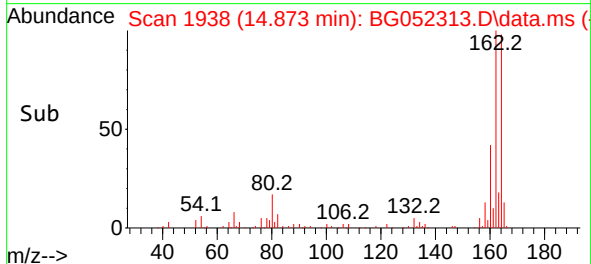
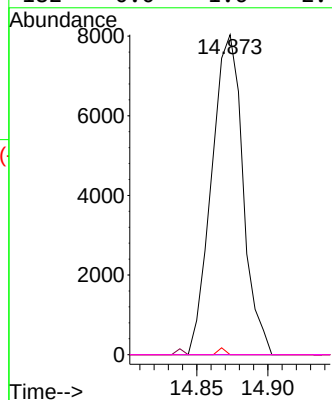
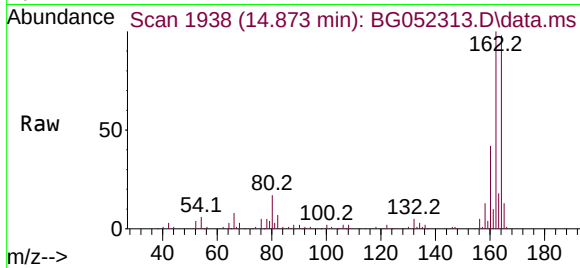




#57
2,4-Dinitrotoluene
Concen: 5.699 ng
RT: 14.873 min Scan# 1997
Delta R.T. -0.346 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

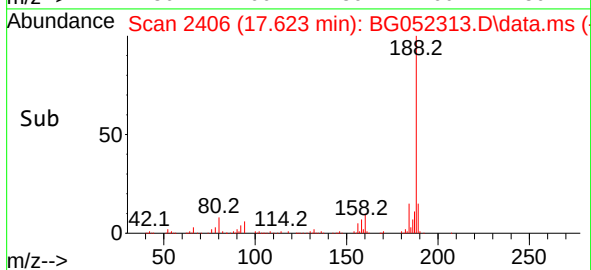
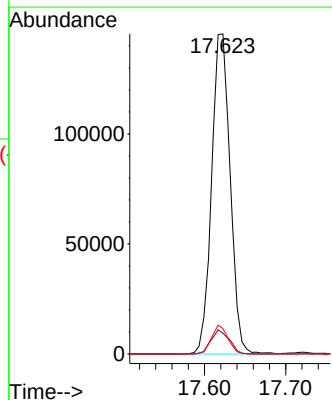
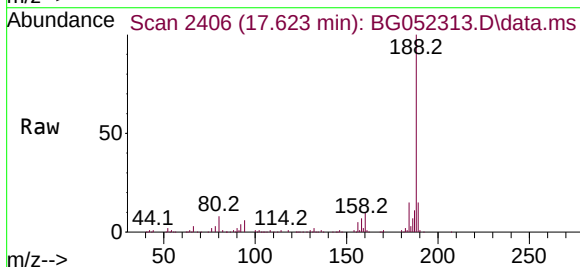
Instrument :
BNA_G
ClientSampleId :
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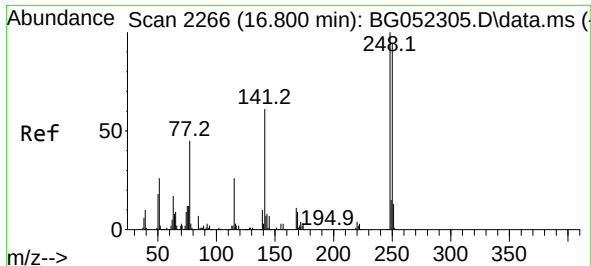
Tgt Ion:165 Resp: 12286
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.623 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

Tgt Ion:188 Resp: 230086
Ion Ratio Lower Upper
188 100
94 6.5 5.9 8.9
80 7.9 6.6 10.0

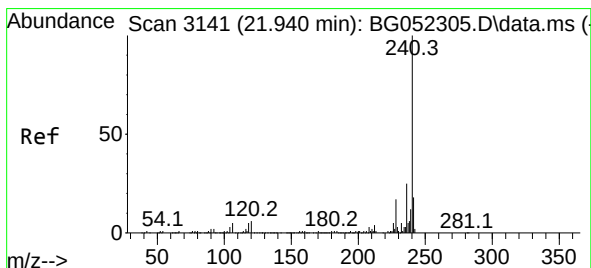
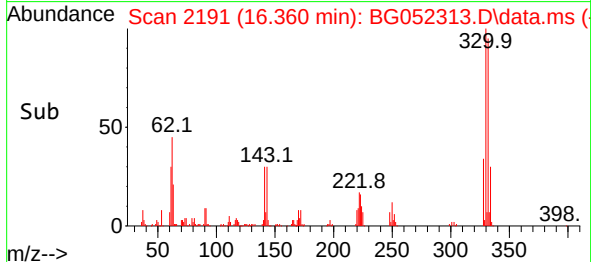
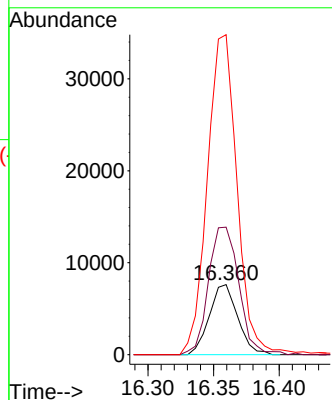
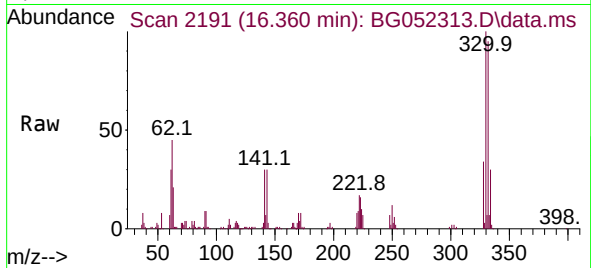




#67
4-Bromophenyl-phenylether
Concen: 4.105 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.440 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

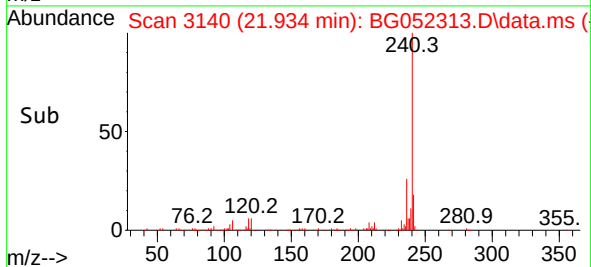
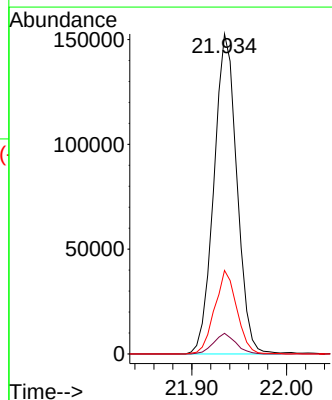
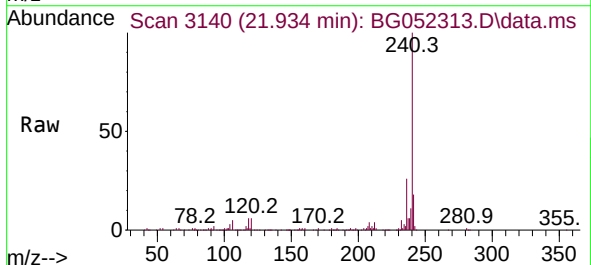
Instrument :
BNA_G
ClientSampleId :
PB142516BL

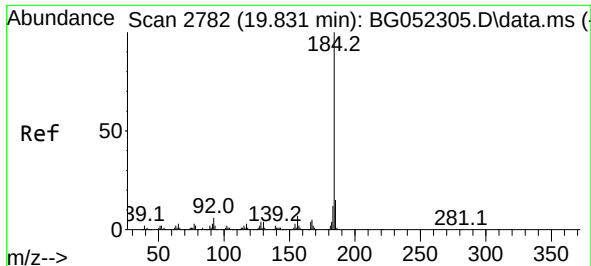
Tgt Ion:248 Resp: 11486
Ion Ratio Lower Upper
248 100
250 182.0 79.6 119.4#
141 456.8 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

Tgt Ion:240 Resp: 257219
Ion Ratio Lower Upper
240 100
120 6.5 4.4 6.6
236 26.1 20.8 31.2

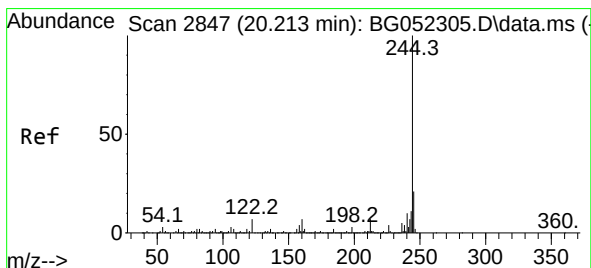
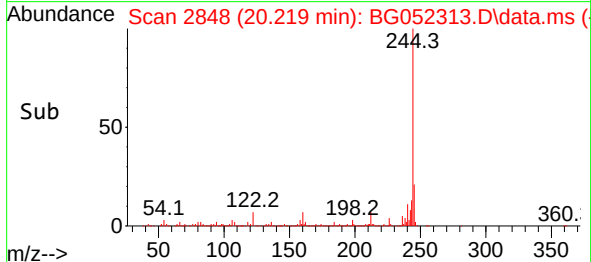
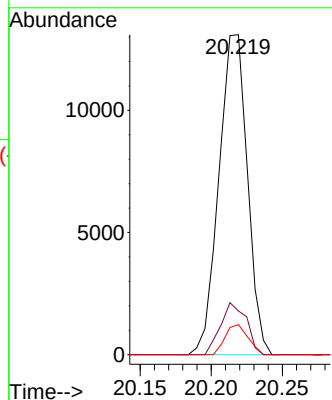
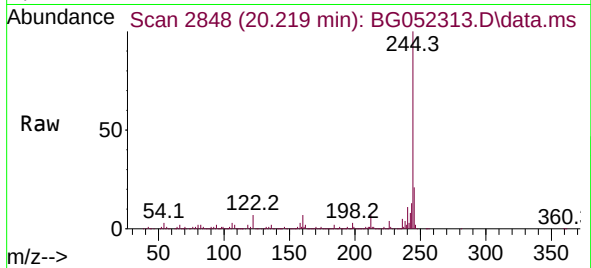




#77
Benzidine
Concen: 3.324 ng
RT: 20.219 min Scan# 21
Delta R.T. 0.388 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

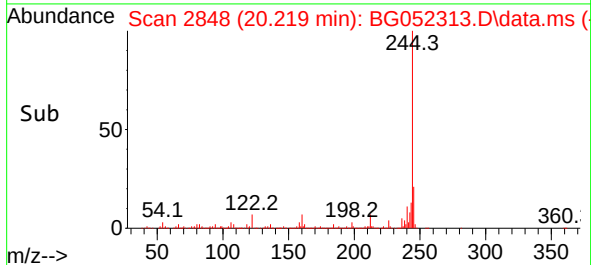
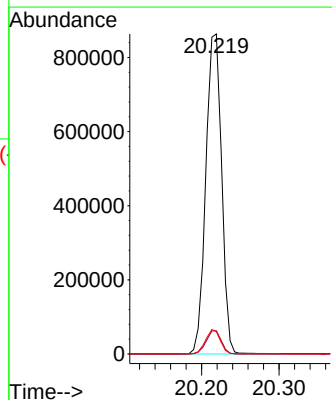
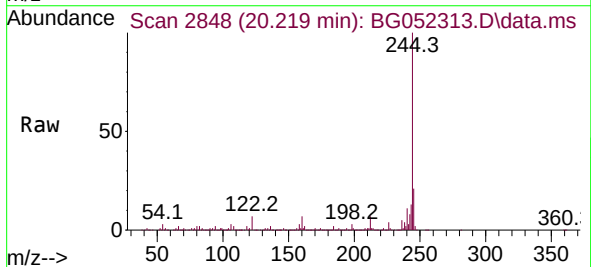
Instrument :
BNA_G
ClientSampleId :
PB142516BL

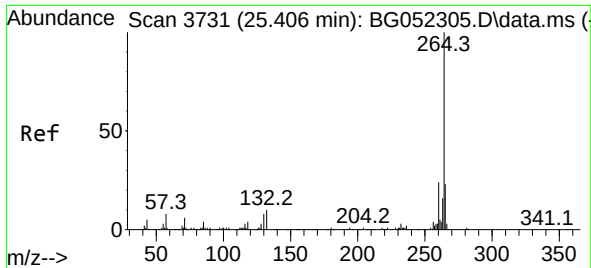
Tgt Ion:184 Resp: 18270
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.8
183 9.4 9.8 14.6#



#79
Terphenyl-d14
Concen: 83.741 ng
RT: 20.219 min Scan# 2848
Delta R.T. 0.006 min
Lab File: BG052313.D
Acq: 8 Feb 2022 11:09

Tgt Ion:244 Resp: 1219784
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 7.0 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.400 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG052313.D
 Acq: 8 Feb 2022 11:09

Instrument :
 BNA_G
 ClientSampleId :
 PB142516BL

Tgt Ion:264 Resp: 246562
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 22.3 17.8 26.6

