

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052349.D
 Acq On : 10 Feb 2022 11:08
 Operator : CG/JU
 Sample : PB142553BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142553BL

Quant Time: Feb 10 12:07:14 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)

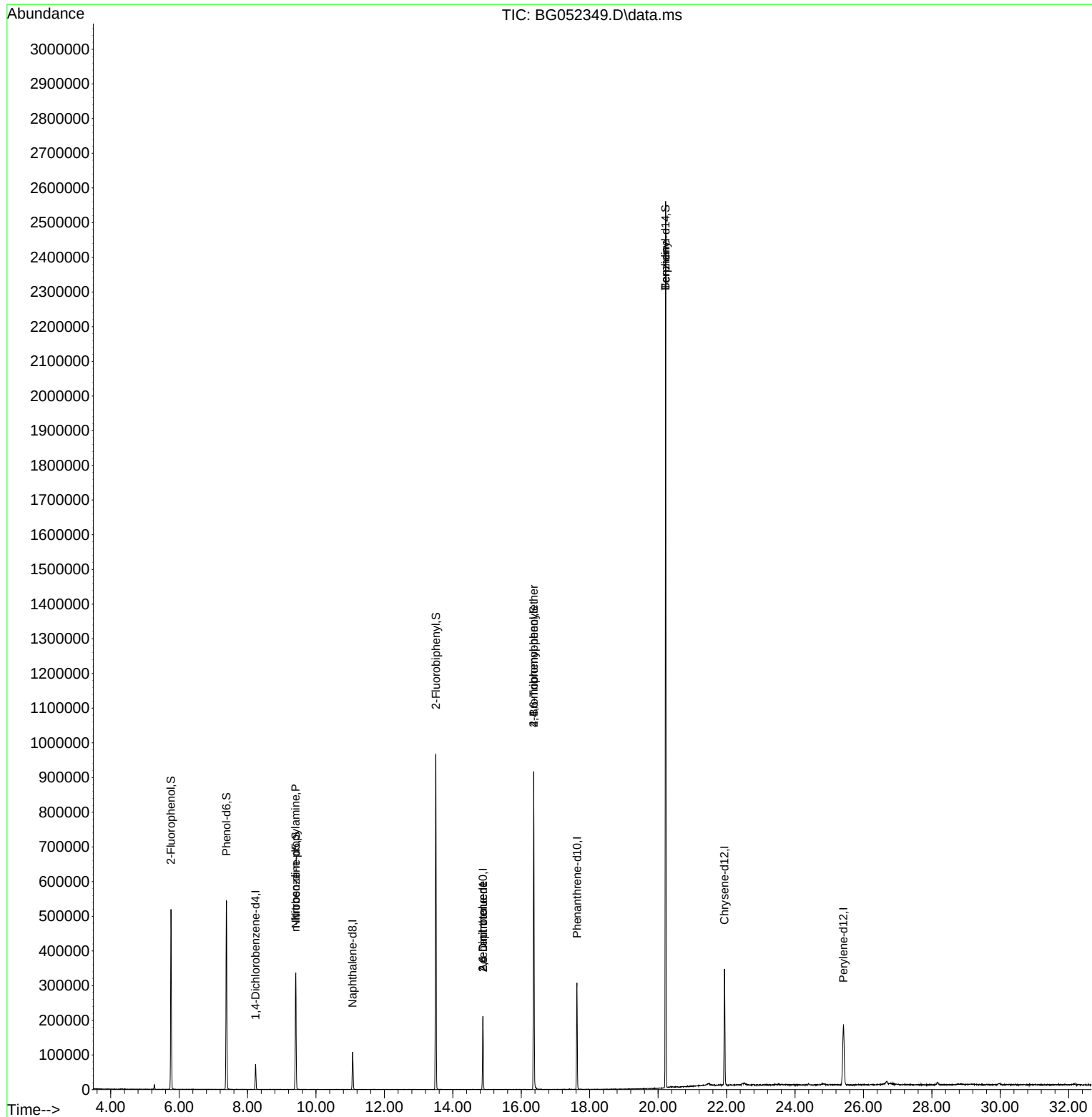
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	21353	20.000	ng	0.01
21) Naphthalene-d8	11.071	136	94823	20.000	ng	0.00
39) Acenaphthene-d10	14.878	164	76555	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	204115	20.000	ng	0.00
76) Chrysene-d12	21.939	240	217627	20.000	ng	0.00
86) Perylene-d12	25.411	264	213456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	214741	175.275	ng	0.01
7) Phenol-d6	7.382	99	311498	164.782	ng	0.01
23) Nitrobenzene-d5	9.409	82	216846	99.389	ng	0.01
42) 2,4,6-Tribromophenol	16.364	330	183200	166.570	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	537338	97.531	ng	0.01
79) Terphenyl-d14	20.218	244	1297089	105.248	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.403	70	30253	21.228	ng	Qvalue # 68
51) 2,6-Dinitrotoluene	14.878	165	10390	8.210	ng	# 16
57) 2,4-Dinitrotoluene	14.878	165	10390	5.768	ng	# 15
67) 4-Bromophenyl-phenylether	16.364	248	12318	4.962	ng	# 1
77) Benzidine	20.218	184	19037	4.094	ng	# 94

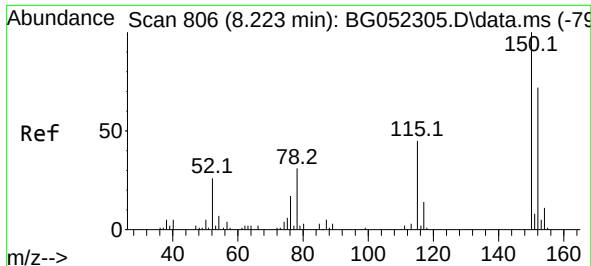
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
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Quant Time: Feb 10 12:07:14 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

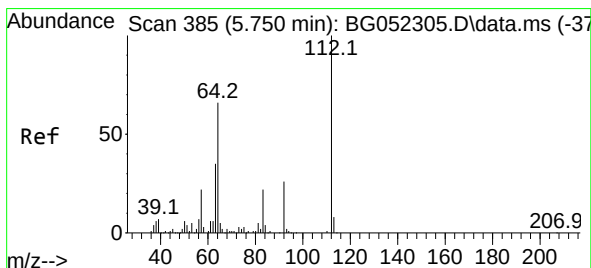
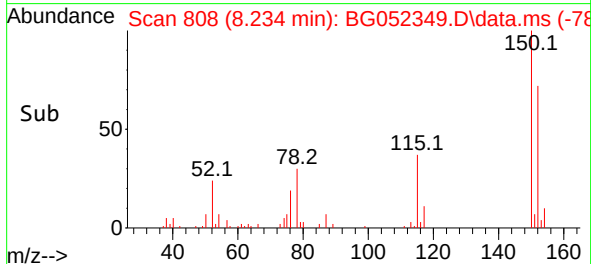
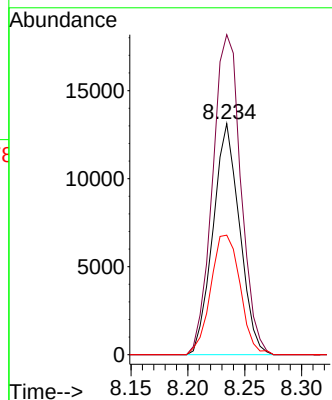
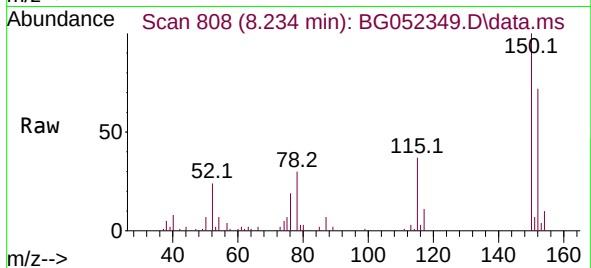




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.234 min Scan# 806
Delta R.T. 0.011 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

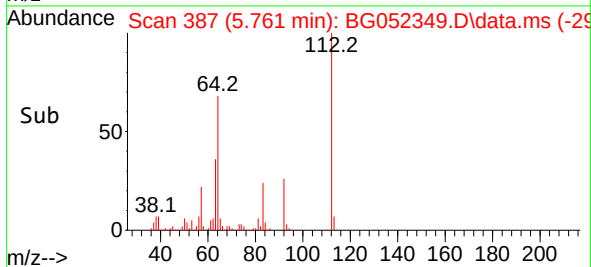
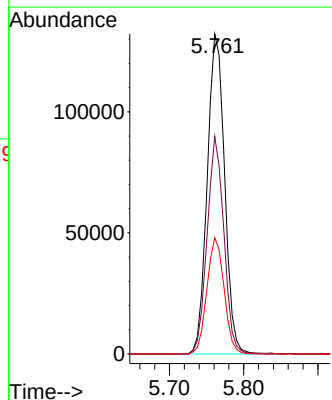
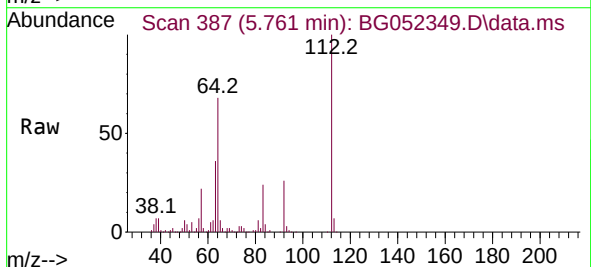
Instrument :
BNA_G
ClientSampleId :
PB142553BL

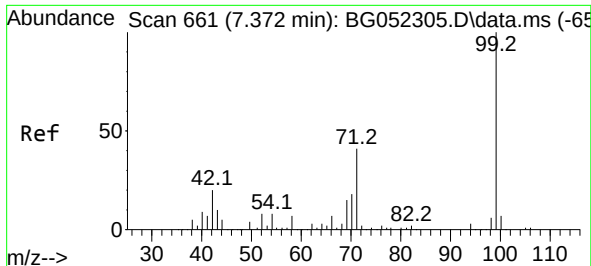
Tgt Ion:152 Resp: 21353
Ion Ratio Lower Upper
152 100
150 138.5 117.8 176.8
115 51.8 50.2 75.2



#5
2-Fluorophenol
Concen: 175.275 ng
RT: 5.761 min Scan# 387
Delta R.T. 0.011 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

Tgt Ion:112 Resp: 214741
Ion Ratio Lower Upper
112 100
64 67.9 60.4 90.6
63 36.4 33.3 49.9

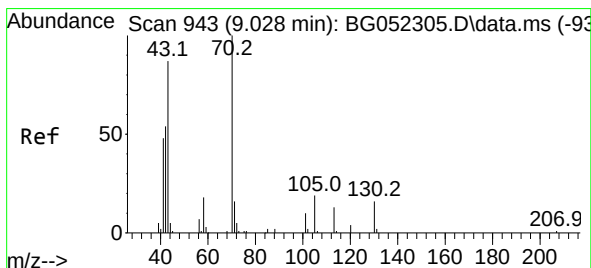
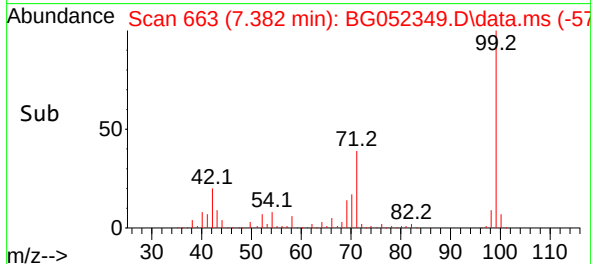
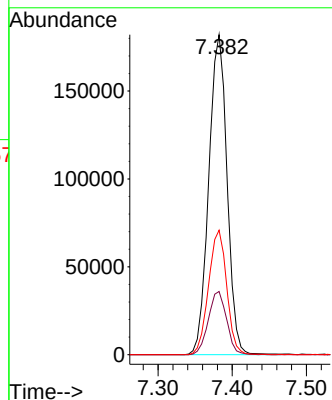
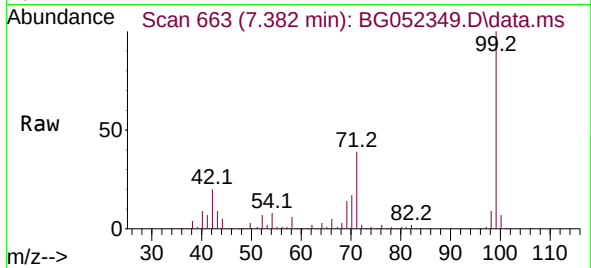




#7
Phenol-d6
Concen: 164.782 ng
RT: 7.382 min Scan# 60
Delta R.T. 0.011 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

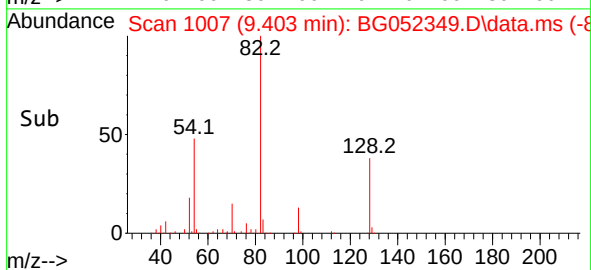
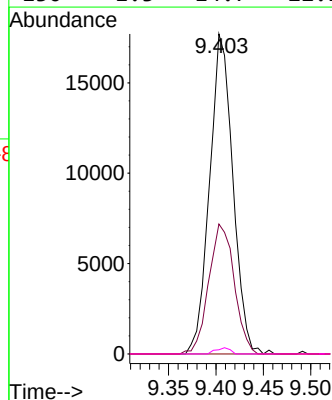
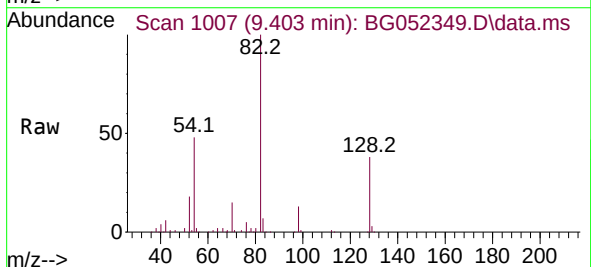
Instrument :
BNA_G
ClientSampleId :
PB142553BL

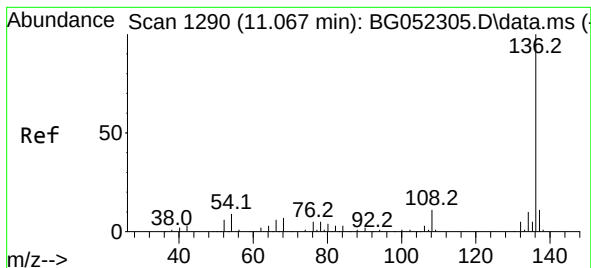
Tgt Ion: 99 Resp: 311498
Ion Ratio Lower Upper
99 100
42 19.7 19.1 28.7
71 38.9 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.228 ng
RT: 9.403 min Scan# 1007
Delta R.T. 0.375 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

Tgt Ion: 70 Resp: 30253
Ion Ratio Lower Upper
70 100
42 40.6 51.8 77.6#
101 0.0 6.6 10.0#
130 1.3 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.071 min Scan# 11

Delta R.T. 0.004 min

Lab File: BG052349.D

Acq: 10 Feb 2022 11:08

Instrument :

BNA_G

ClientSampleId :

PB142553BL

Tgt Ion:136 Resp: 94823

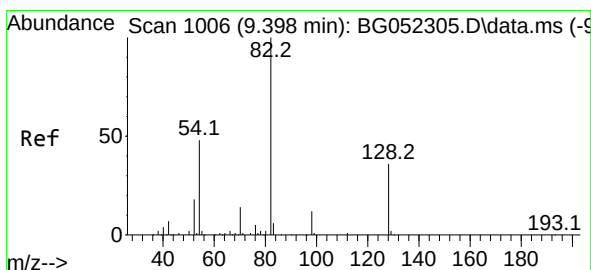
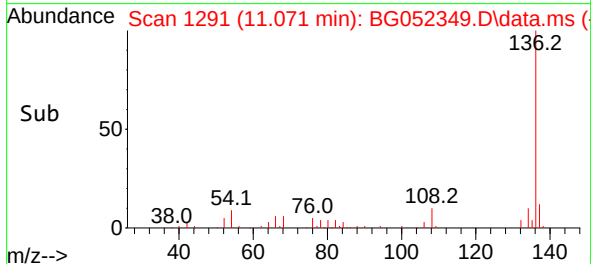
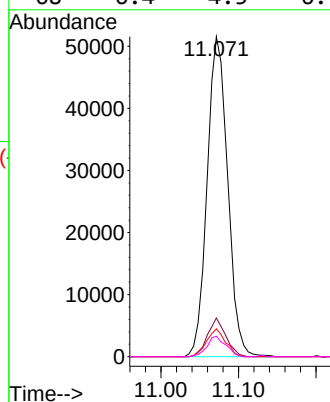
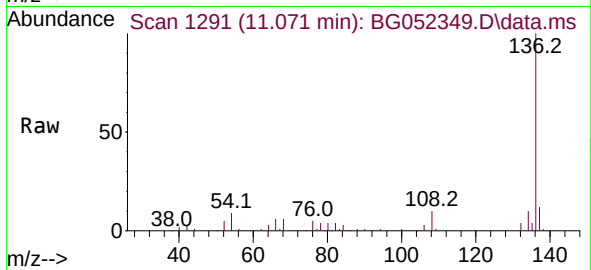
Ion Ratio Lower Upper

136 100

137 12.1 9.1 13.7

54 8.7 8.3 12.5

68 6.4 4.5 6.7



#23

Nitrobenzene-d5

Concen: 99.389 ng

RT: 9.409 min Scan# 1008

Delta R.T. 0.011 min

Lab File: BG052349.D

Acq: 10 Feb 2022 11:08

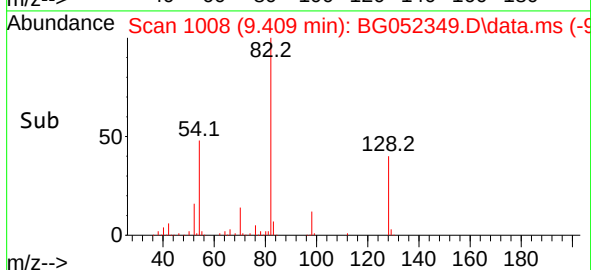
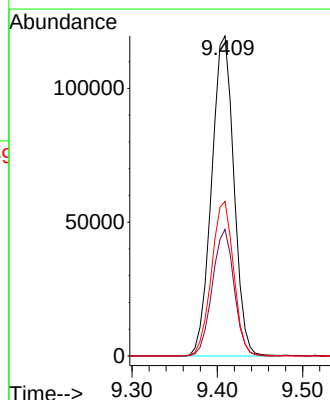
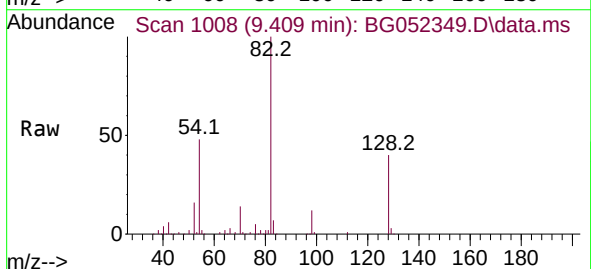
Tgt Ion: 82 Resp: 216846

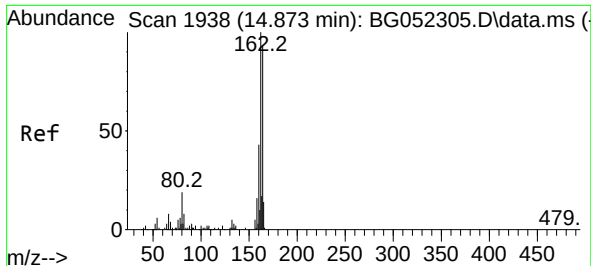
Ion Ratio Lower Upper

82 100

128 39.5 27.0 40.4

54 48.3 41.0 61.6

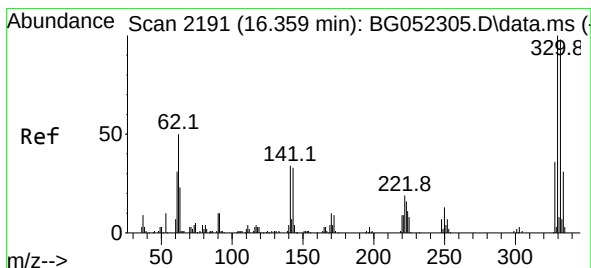
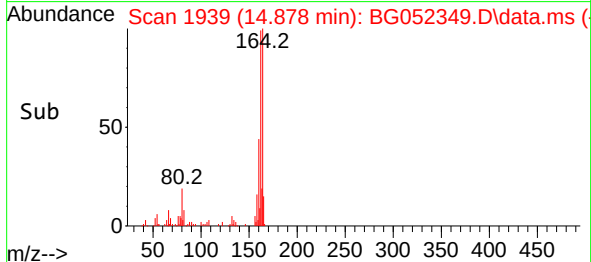
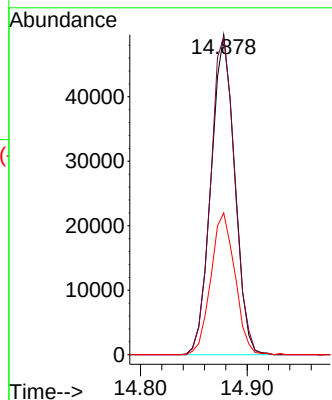
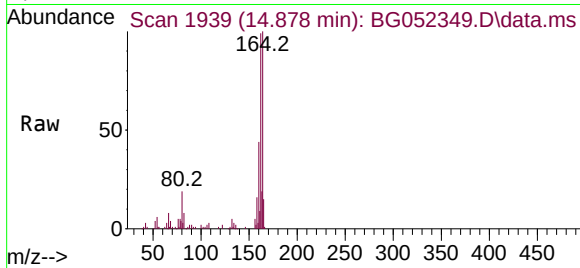




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.878 min Scan# 1939
Delta R.T. 0.005 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

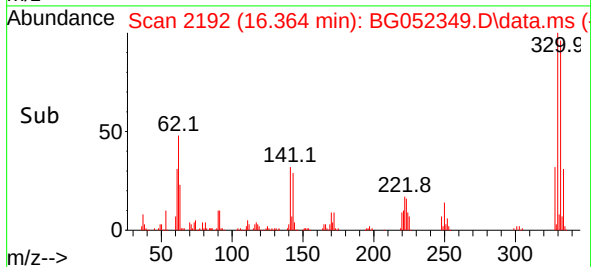
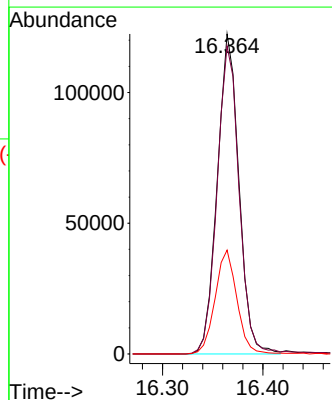
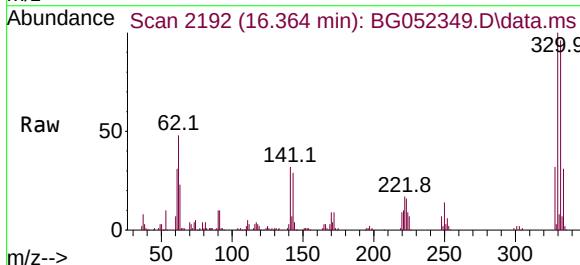
Instrument :
BNA_G
ClientSampleId :
PB142553BL

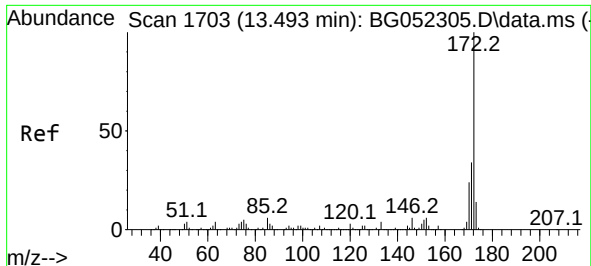
Tgt Ion:164 Resp: 76555
Ion Ratio Lower Upper
164 100
162 99.3 82.2 123.2
160 44.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 166.570 ng
RT: 16.364 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

Tgt Ion:330 Resp: 183200
Ion Ratio Lower Upper
330 100
332 98.8 78.6 117.8
141 32.7 28.8 43.2

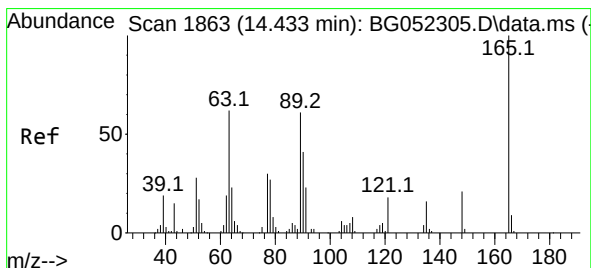
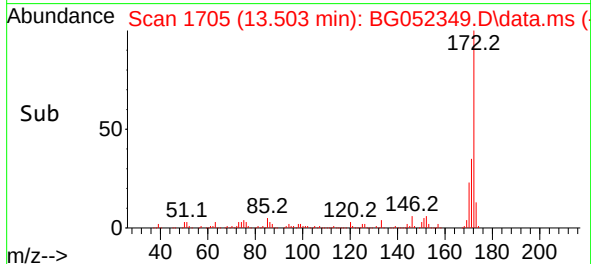
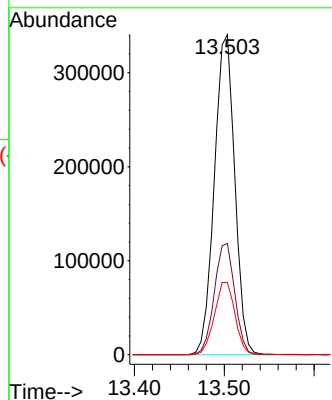
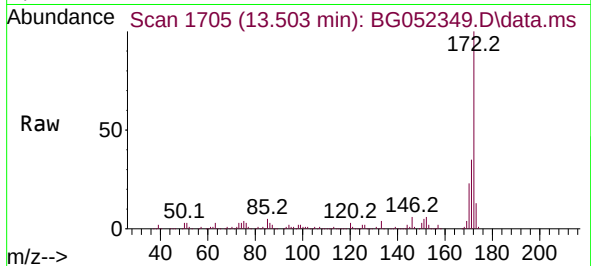




#45
2-Fluorobiphenyl
Concen: 97.531 ng
RT: 13.503 min Scan# 1
Delta R.T. 0.011 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

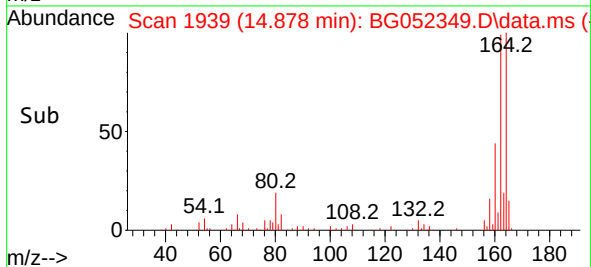
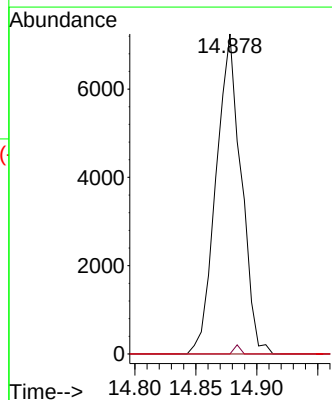
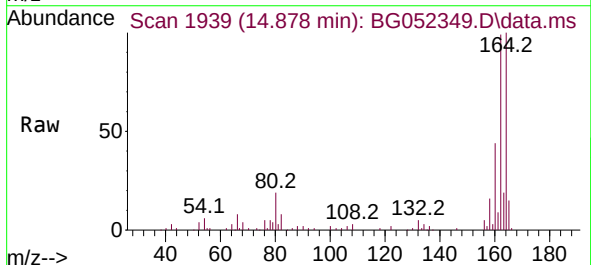
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ClientSampleId :
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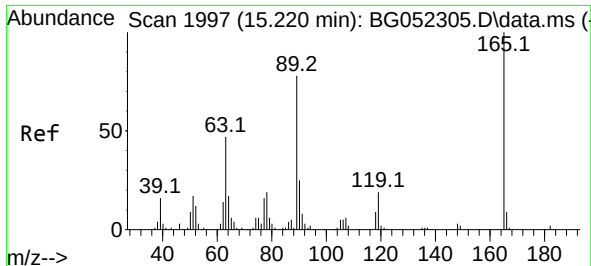
Tgt Ion:172 Resp: 537338
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.6 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.210 ng
RT: 14.878 min Scan# 1939
Delta R.T. 0.445 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

Tgt Ion:165 Resp: 10390
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#

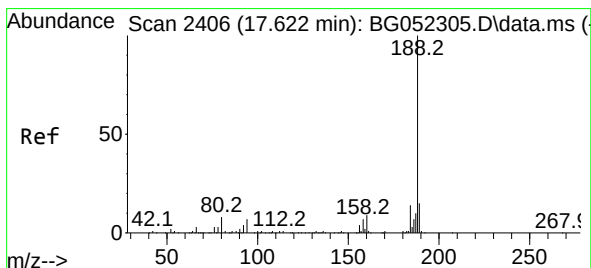
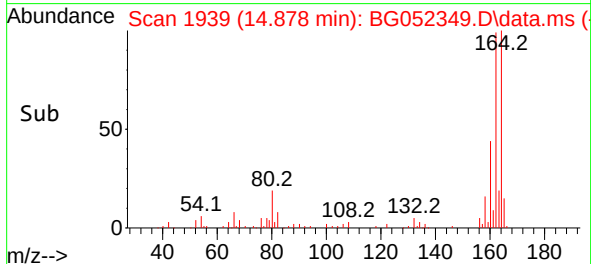
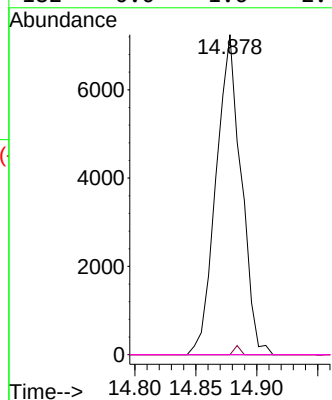
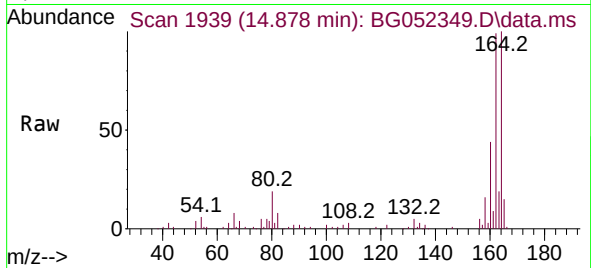




#57
2,4-Dinitrotoluene
Concen: 5.768 ng
RT: 14.878 min Scan# 1997
Delta R.T. -0.342 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

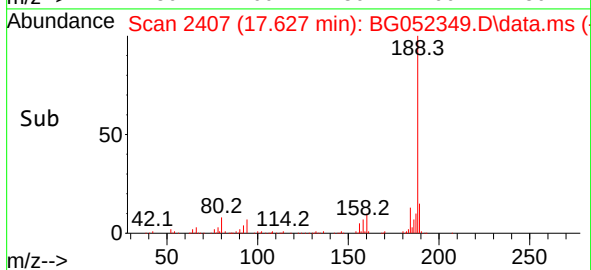
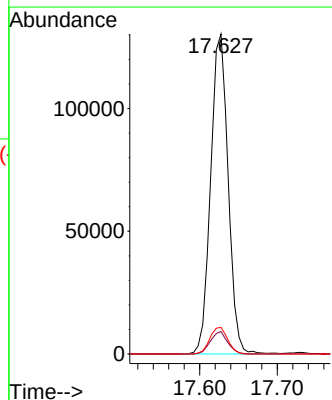
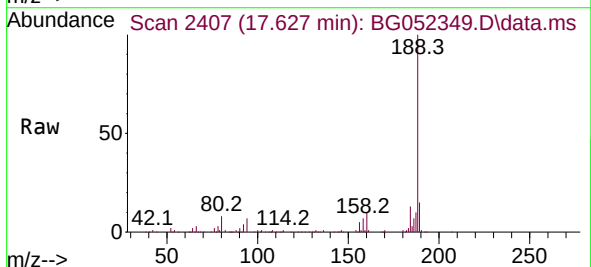
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ClientSampleId :
PB142553BL

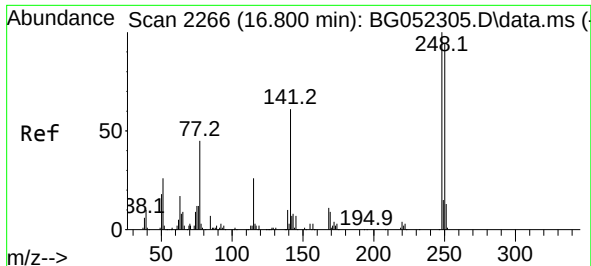
Tgt Ion:165 Resp: 10390
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2407
Delta R.T. 0.005 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

Tgt Ion:188 Resp: 204115
Ion Ratio Lower Upper
188 100
94 7.0 5.9 8.9
80 8.3 6.6 10.0

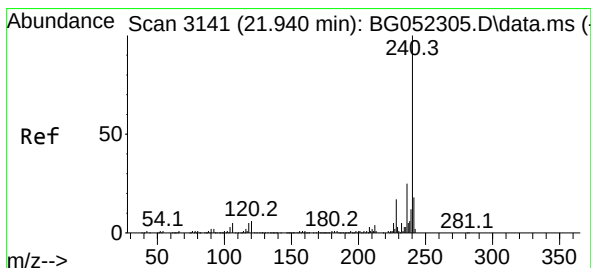
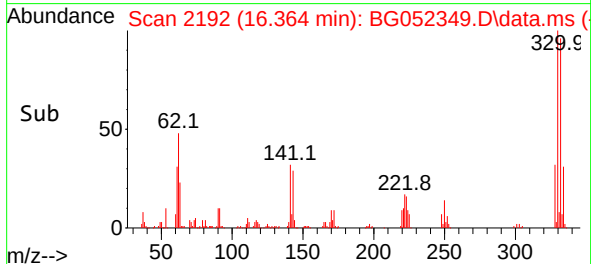
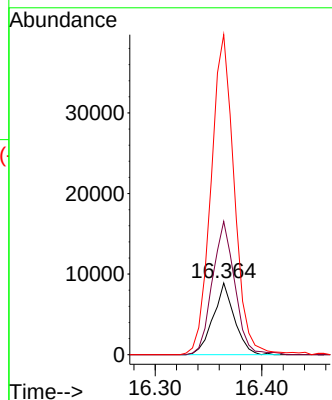
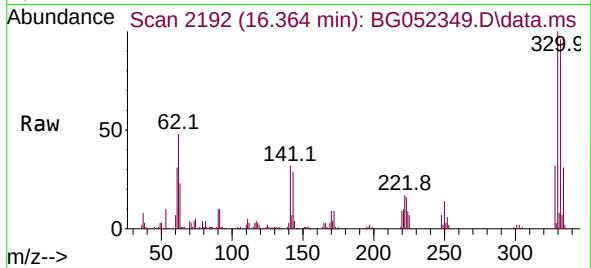




#67
4-Bromophenyl-phenylether
Concen: 4.962 ng
RT: 16.364 min Scan# 2192
Delta R.T. -0.436 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

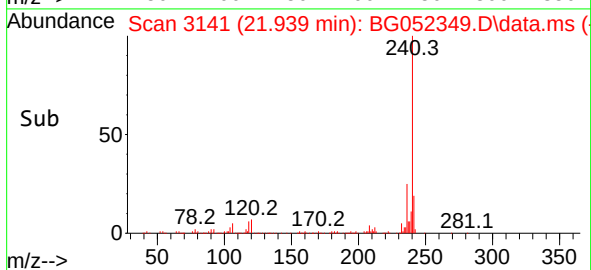
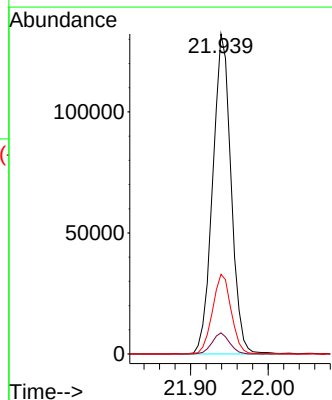
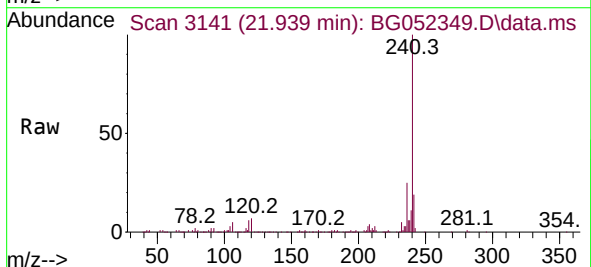
Instrument :
BNA_G
ClientSampleId :
PB142553BL

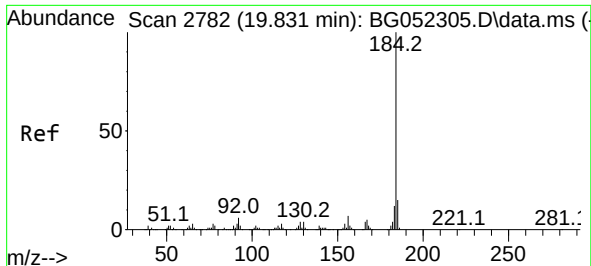
Tgt Ion:248 Resp: 12318
Ion Ratio Lower Upper
248 100
250 186.1 79.6 119.4#
141 446.6 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

Tgt Ion:240 Resp: 217627
Ion Ratio Lower Upper
240 100
120 6.6 4.4 6.6
236 24.9 20.8 31.2

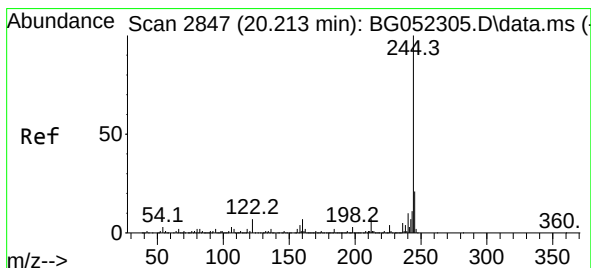
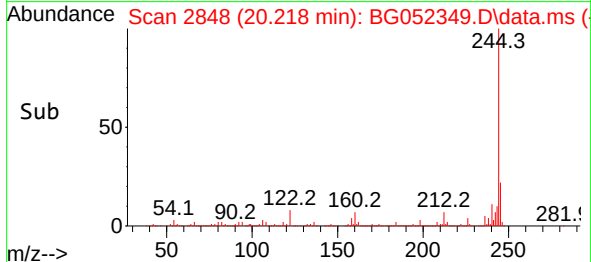
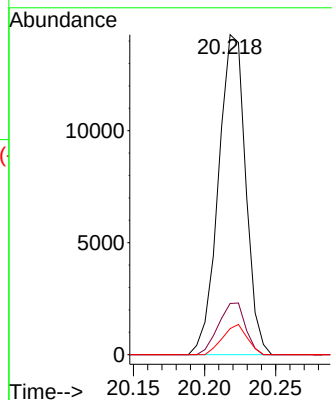
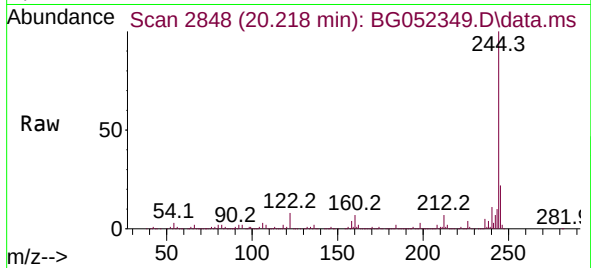




#77
Benzidine
Concen: 4.094 ng
RT: 20.218 min Scan# 21
Delta R.T. 0.387 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

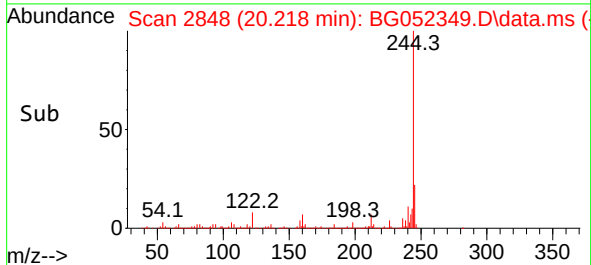
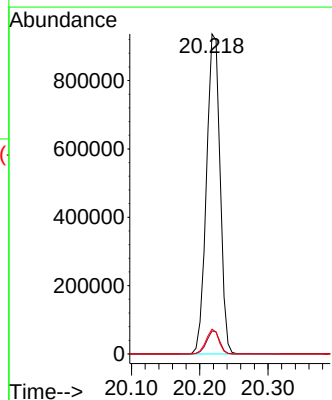
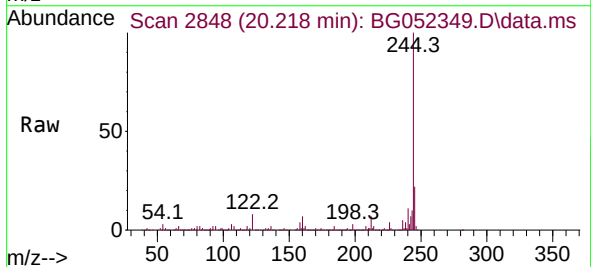
Instrument :
BNA_G
ClientSampleId :
PB142553BL

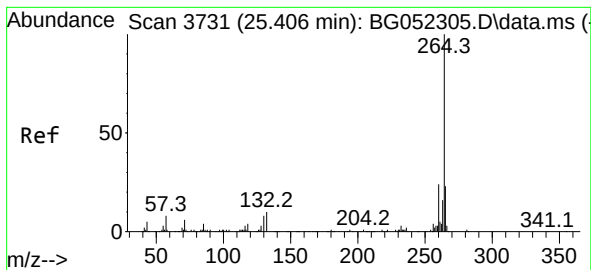
Tgt Ion:184 Resp: 19037
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.8
183 8.1 9.8 14.6#



#79
Terphenyl-d14
Concen: 105.248 ng
RT: 20.218 min Scan# 2848
Delta R.T. 0.005 min
Lab File: BG052349.D
Acq: 10 Feb 2022 11:08

Tgt Ion:244 Resp: 1297089
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 7.8 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.411 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG052349.D

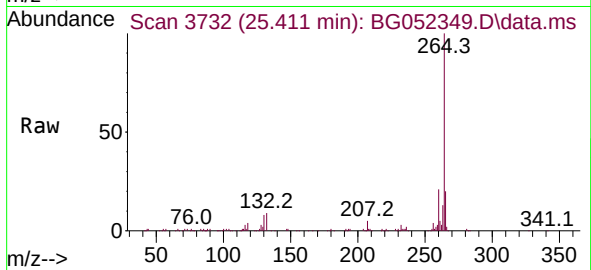
Acq: 10 Feb 2022 11:08

Instrument :

BNA_G

ClientSampleId :

PB142553BL



Tgt Ion:264 Resp: 213456

Ion Ratio Lower Upper

264 100

260 21.5 18.5 27.7

265 19.5 17.8 26.6

