

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052815.D
 Acq On : 24 Mar 2022 19:00
 Operator : CG/JU
 Sample : N2090-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-50D

Quant Time: Mar 25 03:19:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

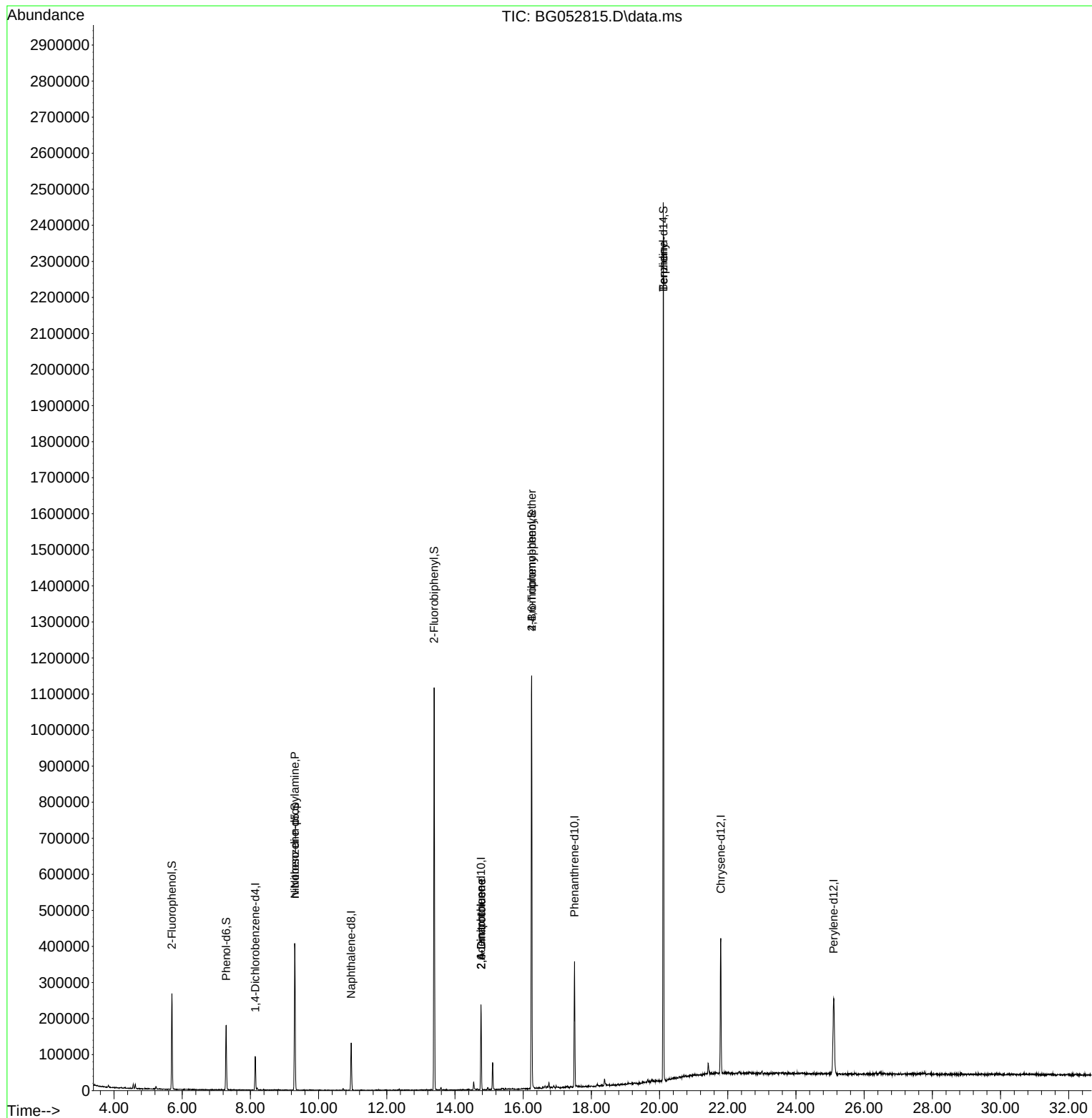
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	24738	20.000	ng	0.00
21) Naphthalene-d8	10.955	136	105611	20.000	ng	# 0.00
39) Acenaphthene-d10	14.761	164	84297	20.000	ng	0.00
64) Phenanthrene-d10	17.505	188	216536	20.000	ng	0.00
76) Chrysene-d12	21.793	240	240916	20.000	ng	0.00
86) Perylene-d12	25.106	264	248010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	105431	74.222	ng	0.00
7) Phenol-d6	7.289	99	101521	47.406	ng	0.00
23) Nitrobenzene-d5	9.298	82	257958	122.591	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	219303	193.607	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	584201	102.211	ng	0.00
79) Terphenyl-d14	20.107	244	1250465	92.330	ng	0.00
Target Compounds						
9) Benzaldehyde	7.283	77	225	Below Cal		Qvalue # 5
19) n-Nitroso-di-n-propyla...	9.298	70	35903	23.671	ng	# 76
51) 2,6-Dinitrotoluene	14.767	165	10903	10.308	ng	# 25
57) 2,4-Dinitrotoluene	14.767	165	10903	7.429	ng	# 24
67) 4-Bromophenyl-phenylether	16.248	248	14414	5.521	ng	# 1
77) Benzidine	20.107	184	22646	3.645	ng	# 89

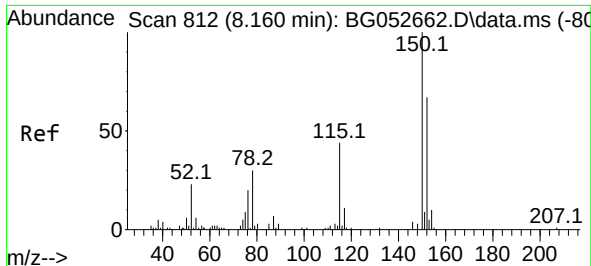
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

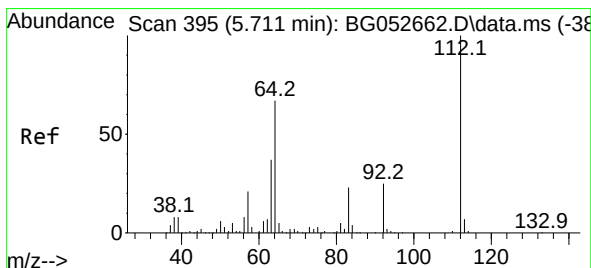
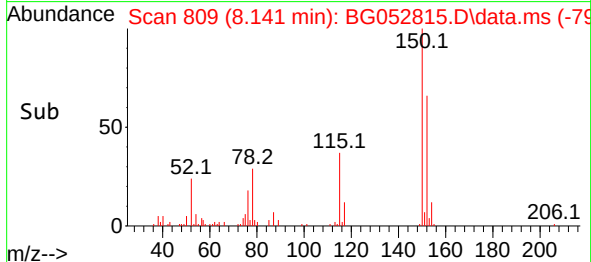
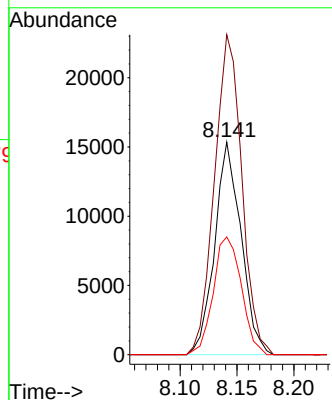
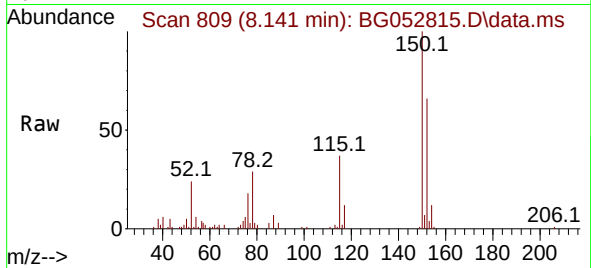




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.141 min Scan# 809
Delta R.T. -0.005 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

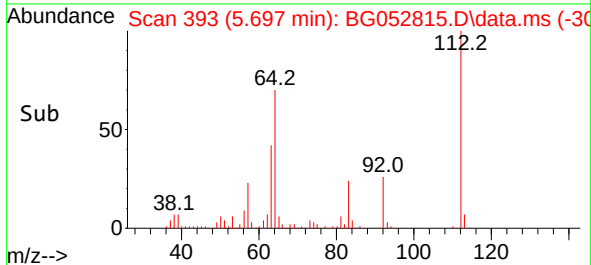
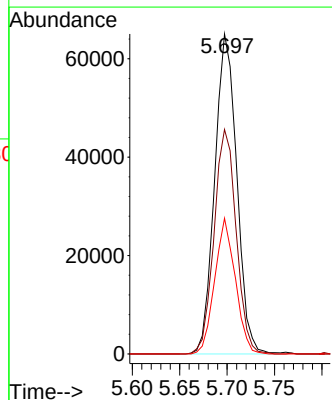
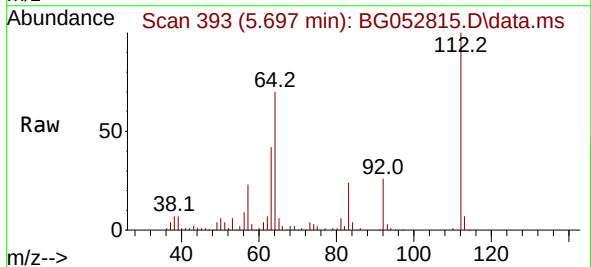
Instrument :
BNA_G
ClientSampleId :
MW-50D

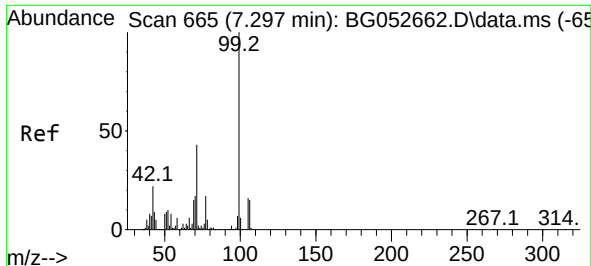
Tgt Ion:152 Resp: 24738
Ion Ratio Lower Upper
152 100
150 150.5 114.6 172.0
115 55.4 45.9 68.9



#5
2-Fluorophenol
Concen: 74.222 ng
RT: 5.697 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

Tgt Ion:112 Resp: 105431
Ion Ratio Lower Upper
112 100
64 70.2 48.0 72.0
63 42.4 26.5 39.7#

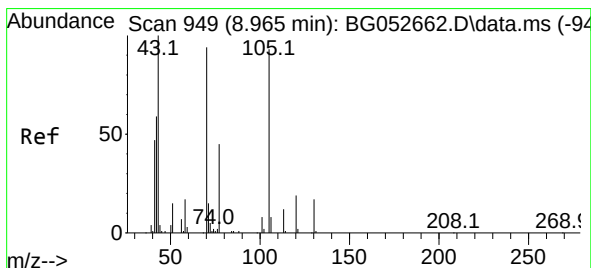
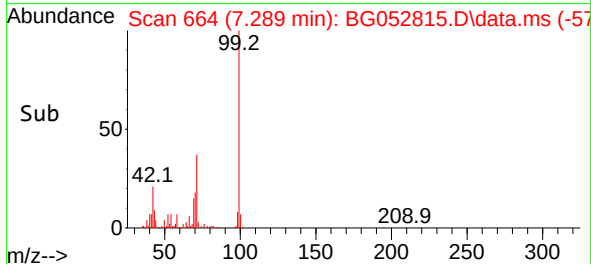
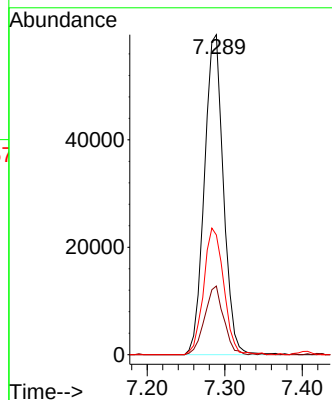
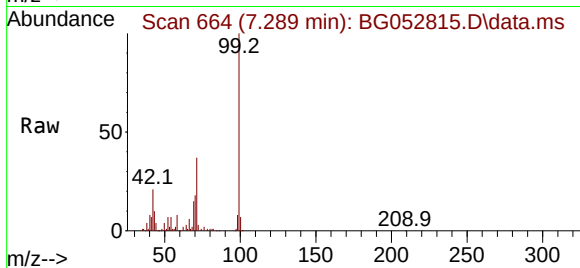




#7
Phenol-d6
Concen: 47.406 ng
RT: 7.289 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

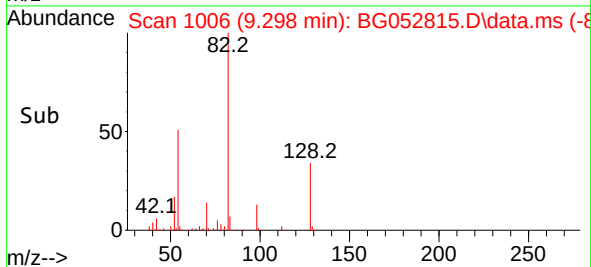
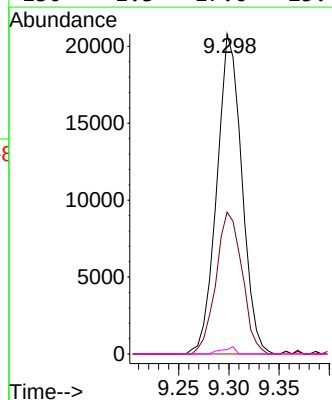
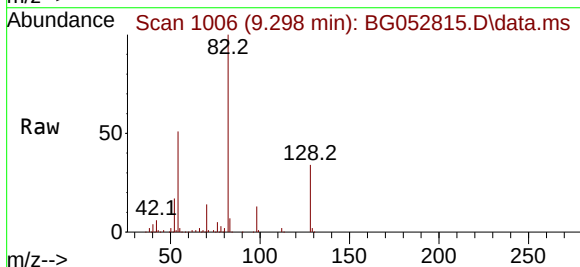
Instrument :
BNA_G
ClientSampleId :
MW-50D

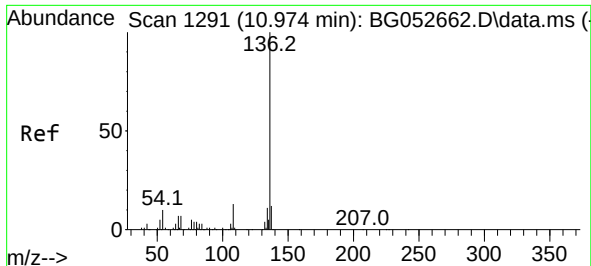
Tgt Ion: 99 Resp: 101521
Ion Ratio Lower Upper
99 100
42 21.4 14.7 22.1
71 37.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 23.671 ng
RT: 9.298 min Scan# 1006
Delta R.T. 0.353 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

Tgt Ion: 70 Resp: 35903
Ion Ratio Lower Upper
70 100
42 44.4 46.0 69.0#
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#

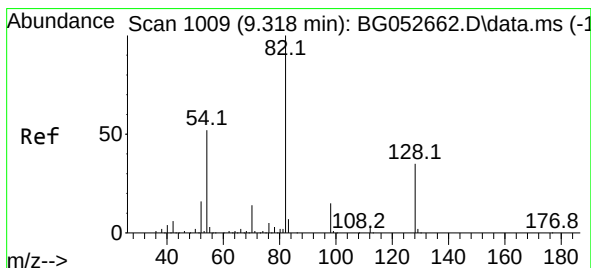
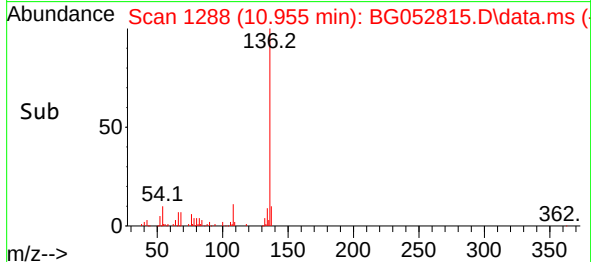
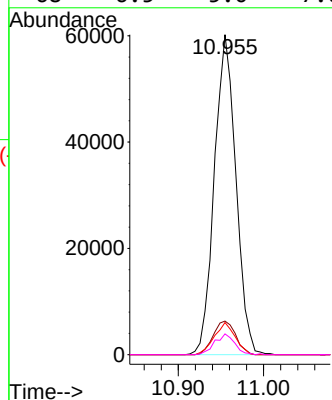
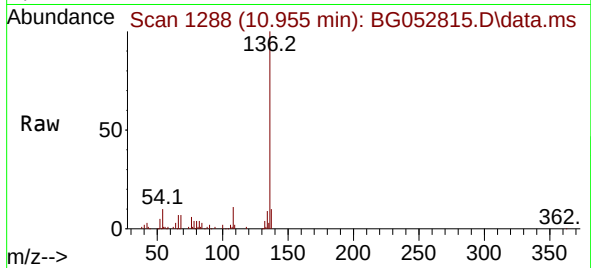




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.955 min Scan# 1056
Delta R.T. -0.005 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

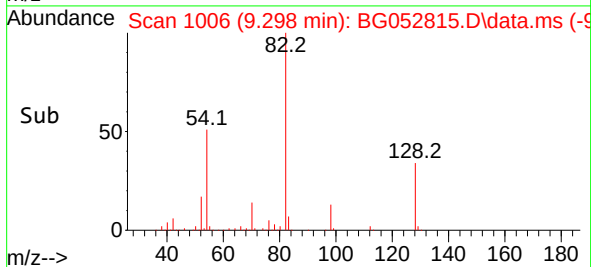
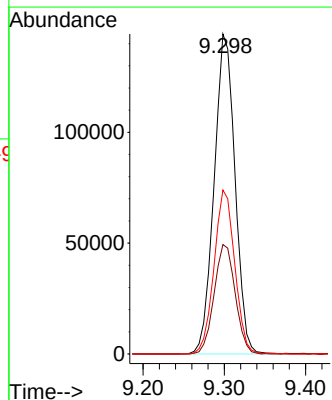
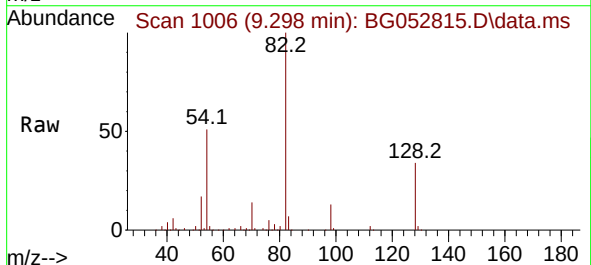
Instrument :
BNA_G
ClientSampleId :
MW-50D

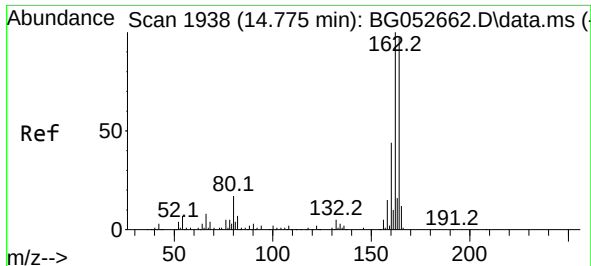
Tgt Ion:136 Resp: 105611
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 10.1 6.4 9.6#
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 122.591 ng
RT: 9.298 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

Tgt Ion: 82 Resp: 257958
Ion Ratio Lower Upper
82 100
128 34.2 31.3 46.9
54 51.3 37.8 56.8

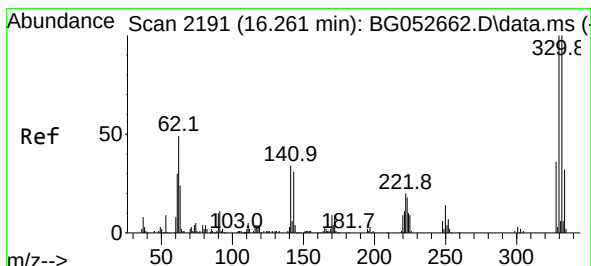
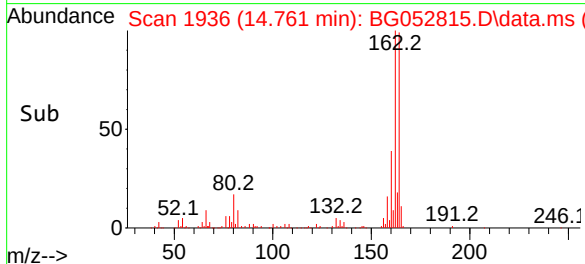
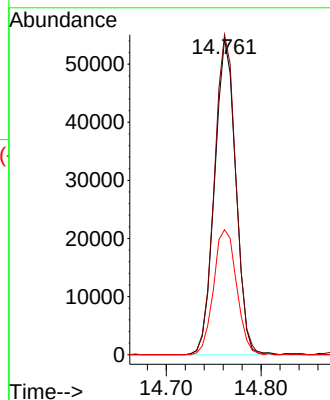
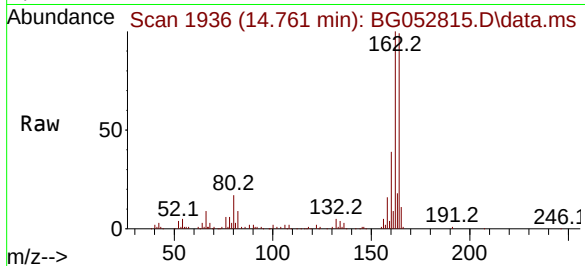




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.761 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

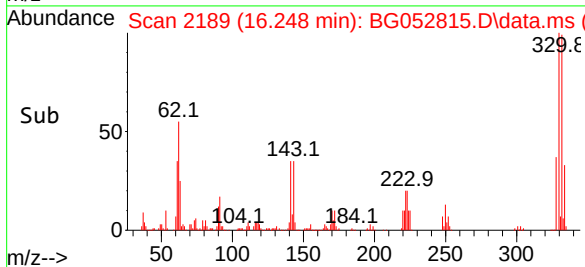
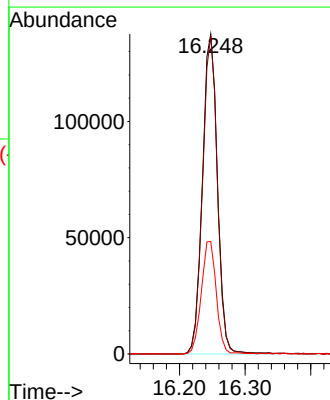
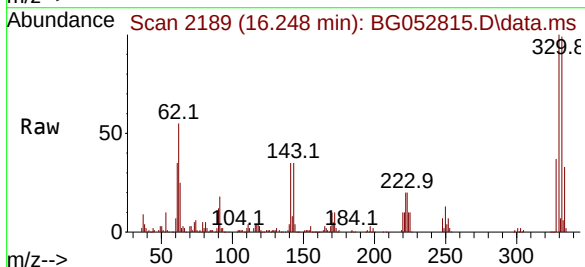
Instrument :
BNA_G
ClientSampleId :
MW-50D

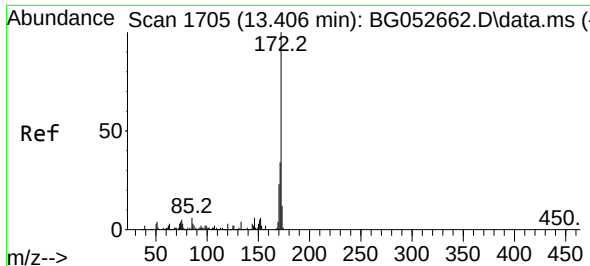
Tgt Ion:164 Resp: 84297
Ion Ratio Lower Upper
164 100
162 101.3 80.0 120.0
160 39.6 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 193.607 ng
RT: 16.248 min Scan# 2189
Delta R.T. 0.001 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

Tgt Ion:330 Resp: 219303
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 35.2 24.6 36.8

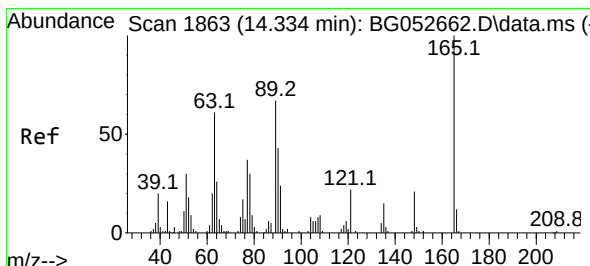
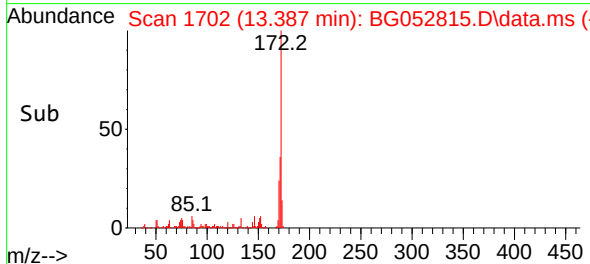
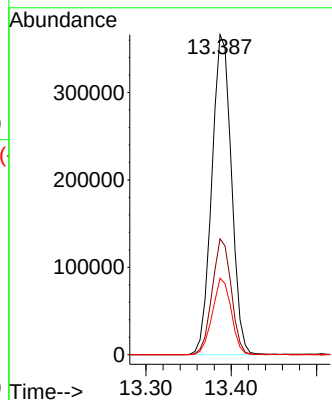
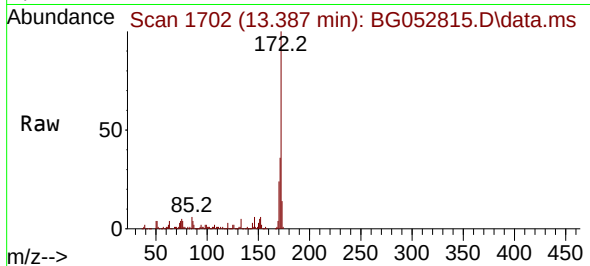




#45
2-Fluorobiphenyl
Concen: 102.211 ng
RT: 13.387 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

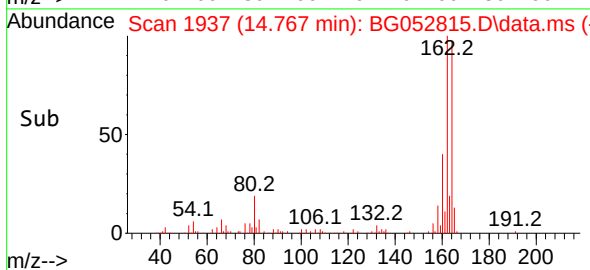
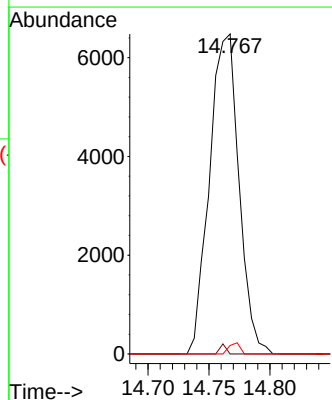
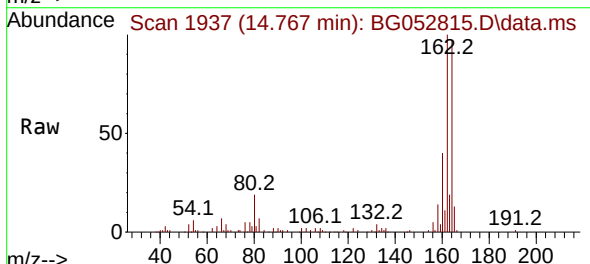
Instrument :
BNA_G
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MW-50D

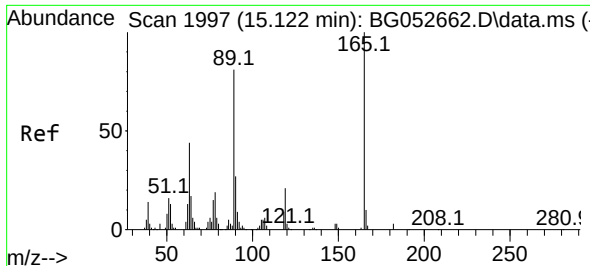
Tgt Ion:172 Resp: 584201
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.9 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.308 ng
RT: 14.767 min Scan# 1937
Delta R.T. 0.441 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

Tgt Ion:165 Resp: 10903
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.6 45.0 67.4#

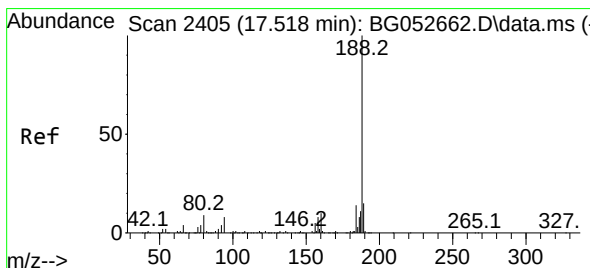
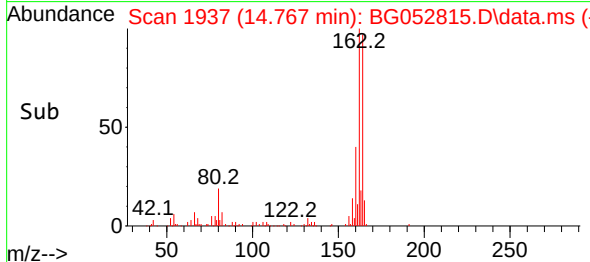
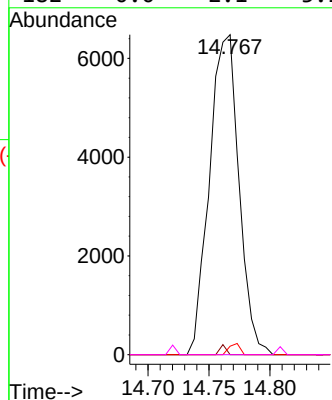
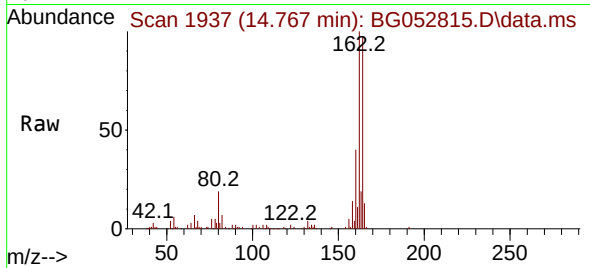




#57
 2,4-Dinitrotoluene
 Concen: 7.429 ng
 RT: 14.767 min Scan# 1997
 Delta R.T. -0.346 min
 Lab File: BG052815.D
 Acq: 24 Mar 2022 19:00

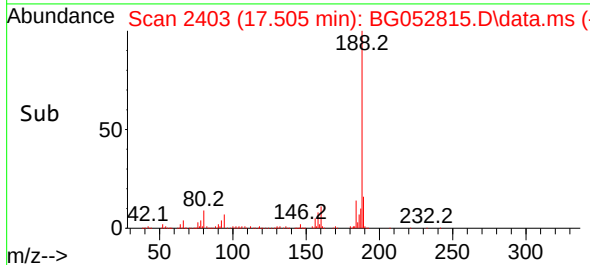
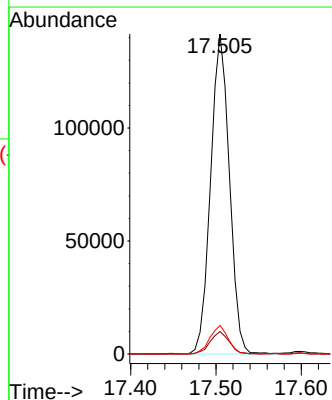
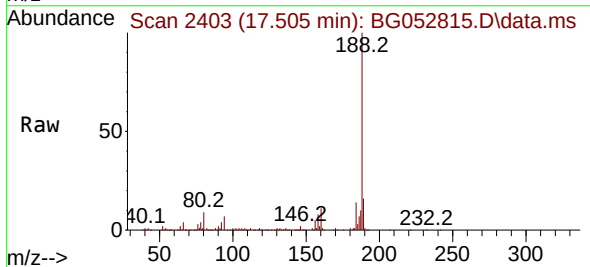
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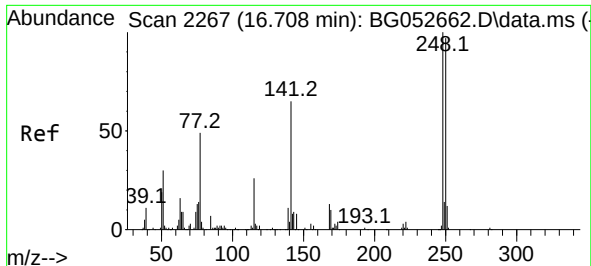
Tgt Ion:165 Resp: 10903
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.8 52.2#
 89 2.6 57.4 86.0#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.505 min Scan# 2403
 Delta R.T. 0.001 min
 Lab File: BG052815.D
 Acq: 24 Mar 2022 19:00

Tgt Ion:188 Resp: 216536
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.7 8.5
 80 8.9 7.2 10.8

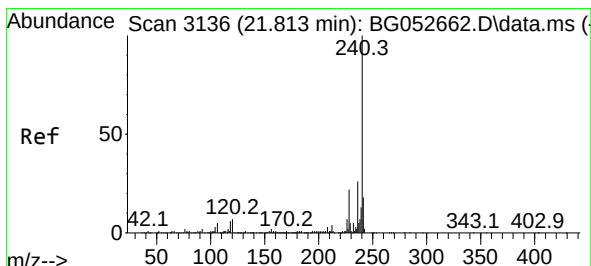
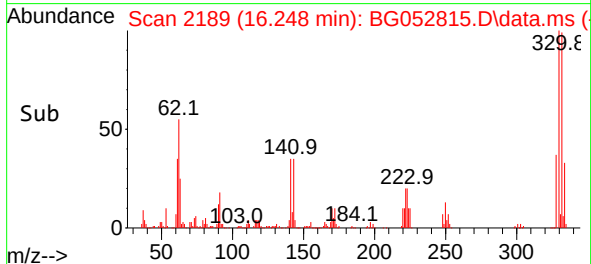
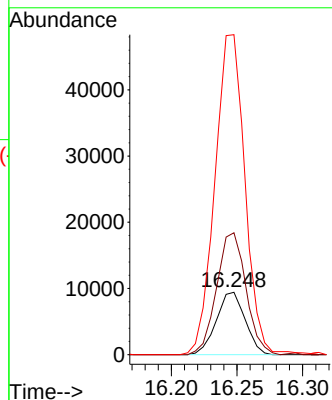
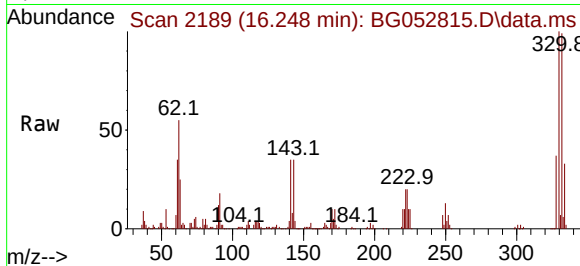




#67
4-Bromophenyl-phenylether
Concen: 5.521 ng
RT: 16.248 min Scan# 21189
Delta R.T. -0.446 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

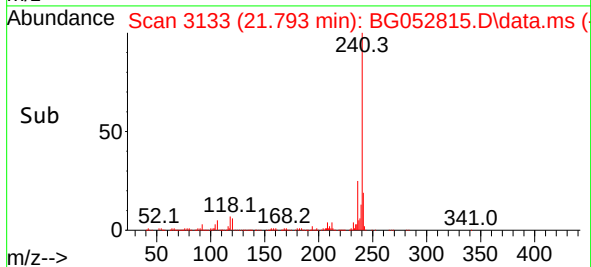
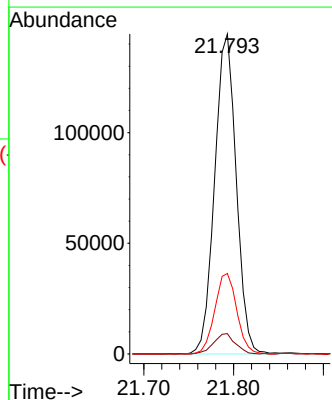
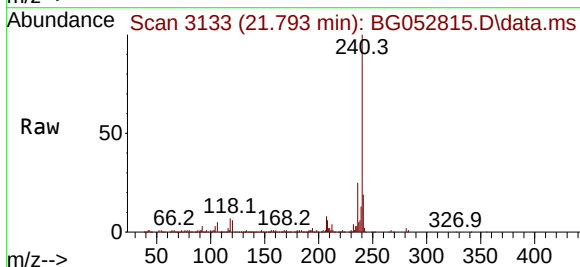
Instrument :
BNA_G
ClientSampleId :
MW-50D

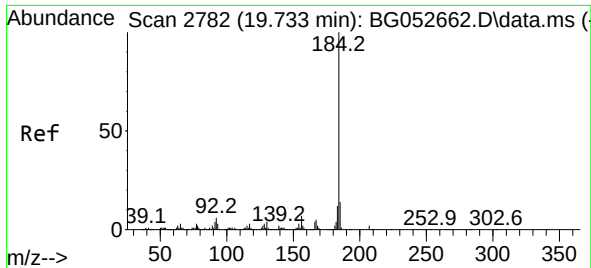
Tgt Ion:248 Resp: 14414
Ion Ratio Lower Upper
248 100
250 195.4 77.9 116.9#
141 512.7 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.793 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

Tgt Ion:240 Resp: 240916
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 25.2 19.8 29.6

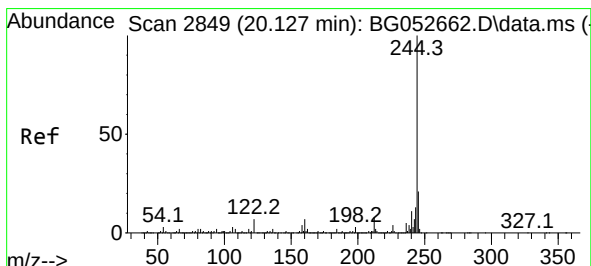
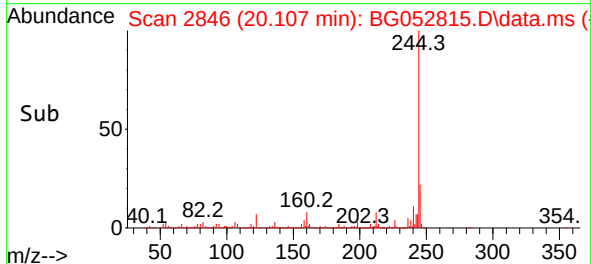
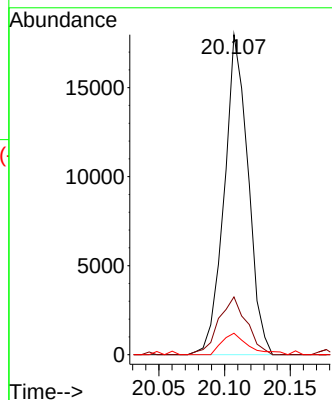
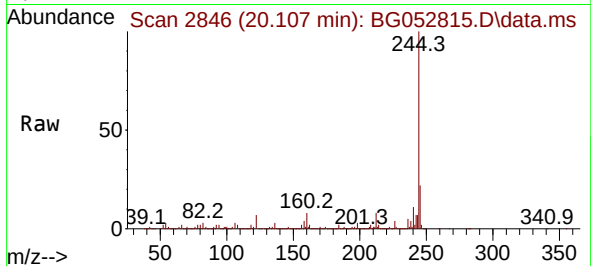




#77
Benzidine
Concen: 3.645 ng
RT: 20.107 min Scan# 2846
Delta R.T. 0.383 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

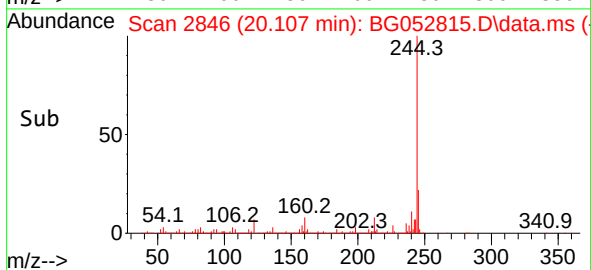
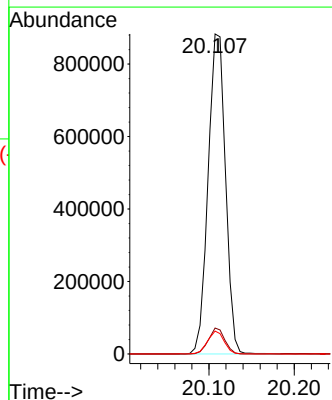
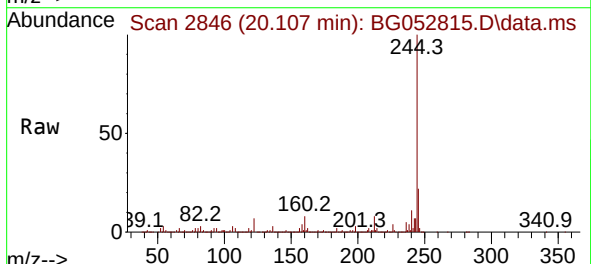
Instrument :
BNA_G
ClientSampleId :
MW-50D

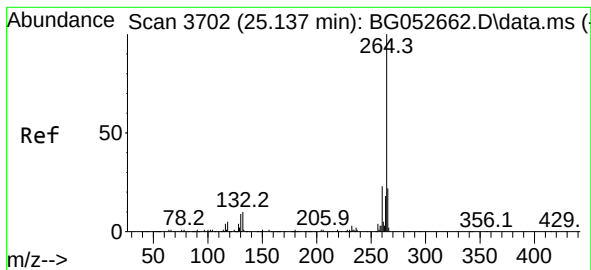
Tgt Ion:184 Resp: 22646
Ion Ratio Lower Upper
184 100
185 18.0 11.5 17.3#
183 6.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 92.330 ng
RT: 20.107 min Scan# 2846
Delta R.T. -0.005 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

Tgt Ion:244 Resp: 1250465
Ion Ratio Lower Upper
244 100
212 8.1 5.4 8.2
122 7.2 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.106 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG052815.D
 Acq: 24 Mar 2022 19:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-50D

Tgt Ion:264 Resp: 248010
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.6 15.1 22.7

