

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
 Data File : BG063151.D
 Acq On : 4 Nov 2024 11:26
 Operator : RC/JU
 Sample : PB164366BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB164366BL

Quant Time: Nov 04 11:02:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

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

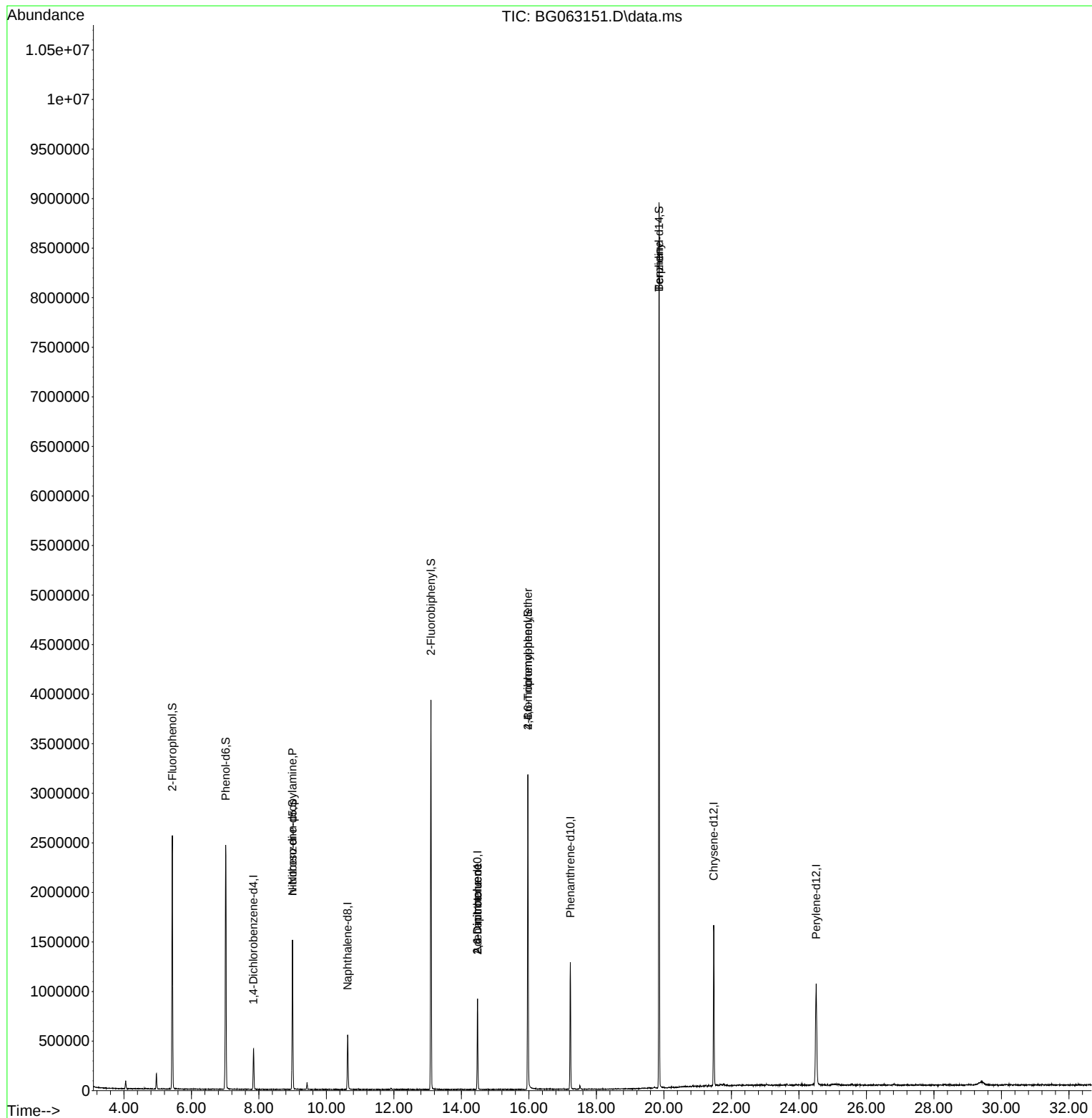
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	104161	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	423720	20.000	ng	# 0.00
39) Acenaphthene-d10	14.476	164	311717	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	802930	20.000	ng	0.00
76) Chrysene-d12	21.474	240	1006008	20.000	ng	0.00
86) Perylene-d12	24.512	264	1102058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	928809	138.271	ng	0.00
7) Phenol-d6	7.015	99	1227460	139.443	ng	0.00
23) Nitrobenzene-d5	8.995	82	852312	87.486	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	649587	122.680	ng	0.00
45) 2-Fluorobiphenyl	13.096	172	1914348	90.960	ng	0.00
79) Terphenyl-d14	19.858	244	4264379	87.230	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.995	70	125202	20.423	ng	# 77
51) 2,6-Dinitrotoluene	14.476	165	42853	9.034	ng	# 13
57) 2,4-Dinitrotoluene	14.476	165	42853	6.317	ng	# 15
67) 4-Bromophenyl-phenylether	15.969	248	43940	4.465	ng	# 1
77) Benzidine	19.858	184	85880	5.541	ng	# 92

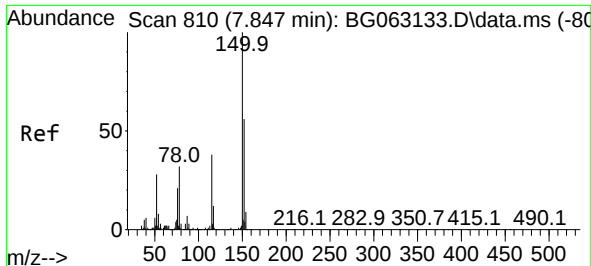
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration

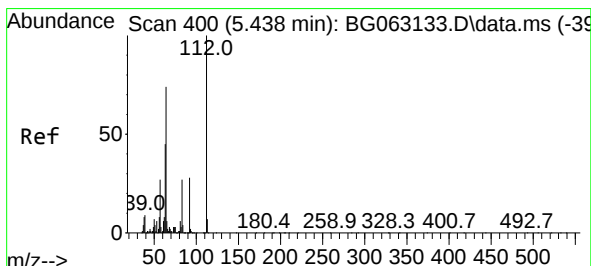
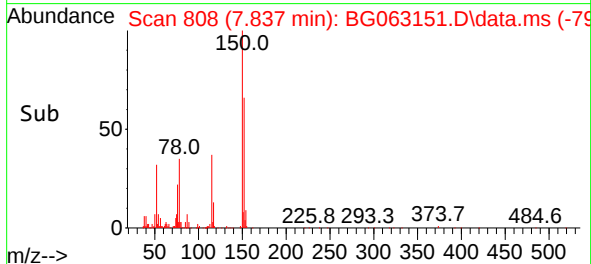
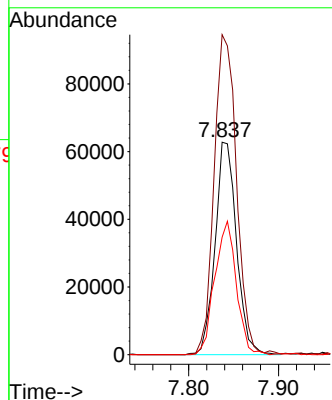
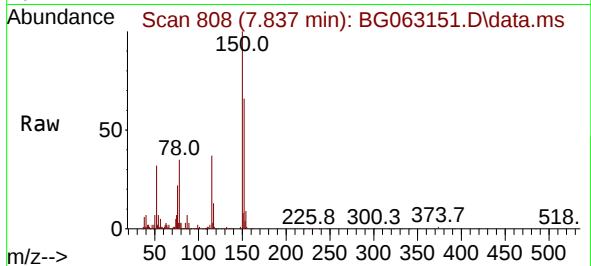




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.837 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

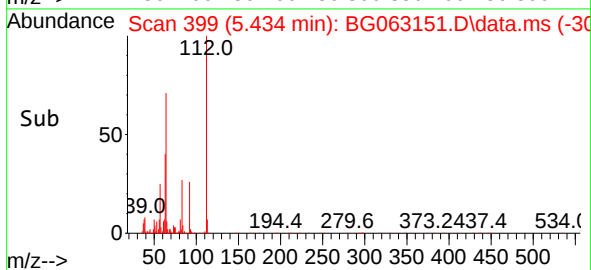
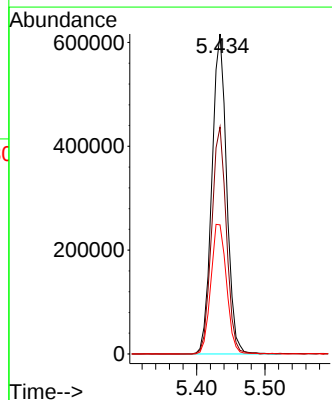
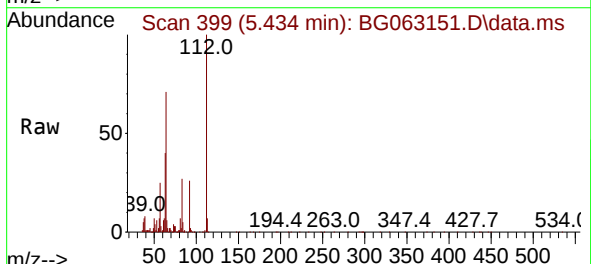
Instrument :
BNA_G
ClientSampleId :
PB164366BL

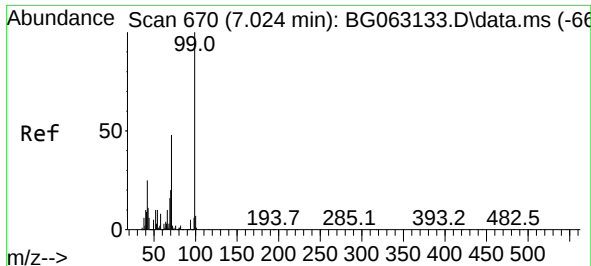
Tgt Ion:152 Resp: 104161
Ion Ratio Lower Upper
152 100
150 150.6 143.1 214.7
115 55.2 55.0 82.4



#5
2-Fluorophenol
Concen: 138.271 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.004 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

Tgt Ion:112 Resp: 928809
Ion Ratio Lower Upper
112 100
64 70.9 59.4 89.0
63 40.3 35.8 53.6

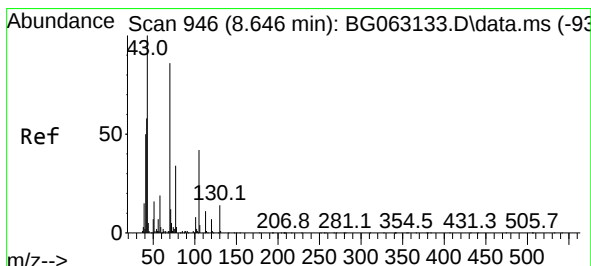
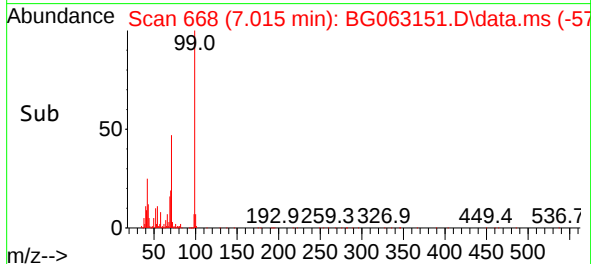
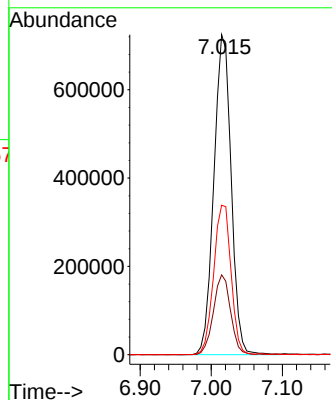
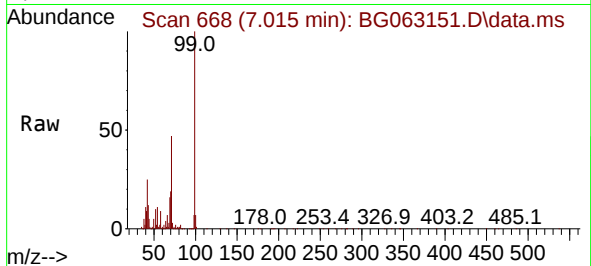




#7
Phenol-d6
Concen: 139.443 ng
RT: 7.015 min Scan# 60
Delta R.T. -0.010 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

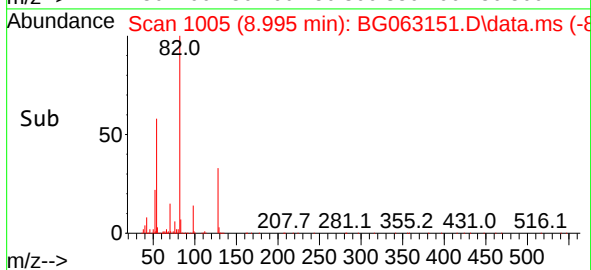
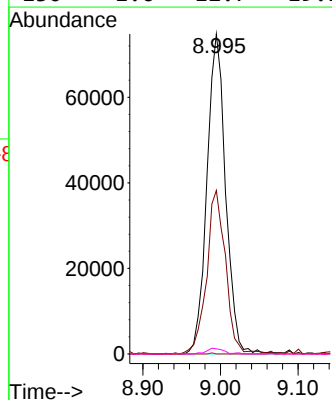
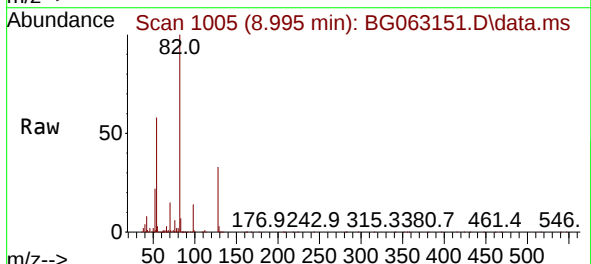
Instrument :
BNA_G
ClientSampleId :
PB164366BL

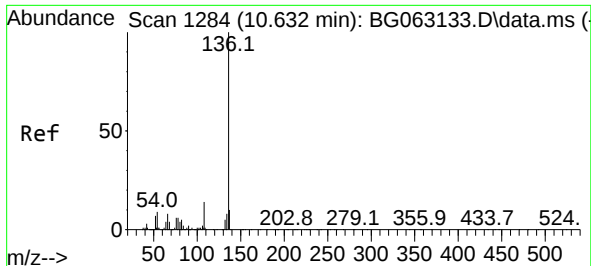
Tgt Ion: 99 Resp: 1227460
Ion Ratio Lower Upper
99 100
42 25.0 20.0 30.0
71 46.7 38.2 57.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.423 ng
RT: 8.995 min Scan# 1005
Delta R.T. 0.349 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

Tgt Ion: 70 Resp: 125202
Ion Ratio Lower Upper
70 100
42 51.1 54.2 81.2#
101 0.0 7.7 11.5#
130 1.6 12.7 19.1#

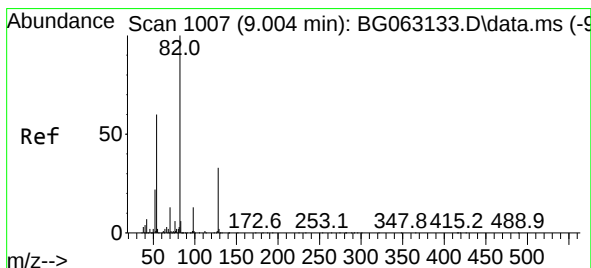
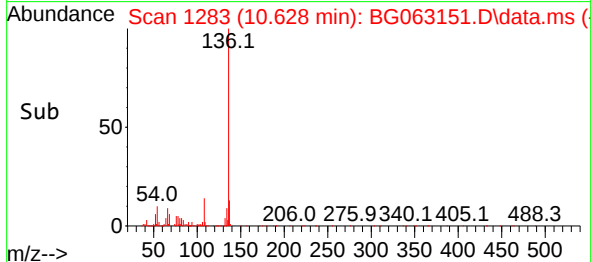
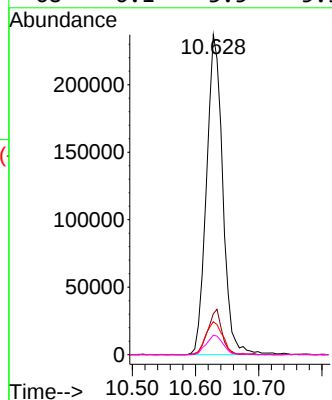
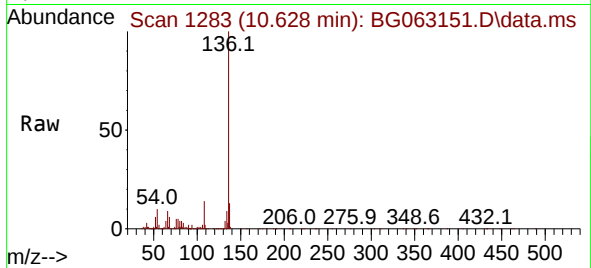




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 110
Delta R.T. -0.004 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

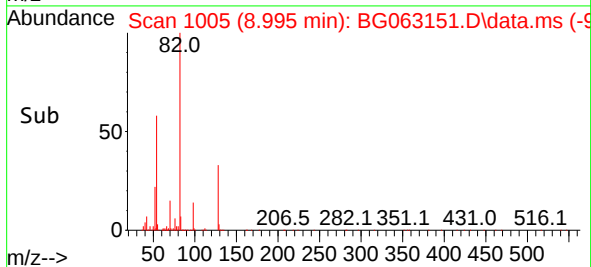
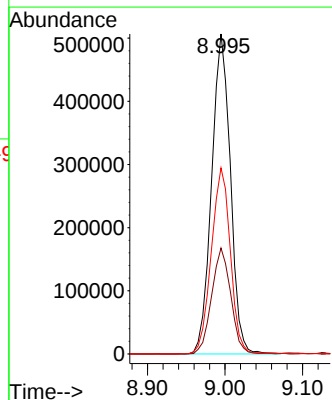
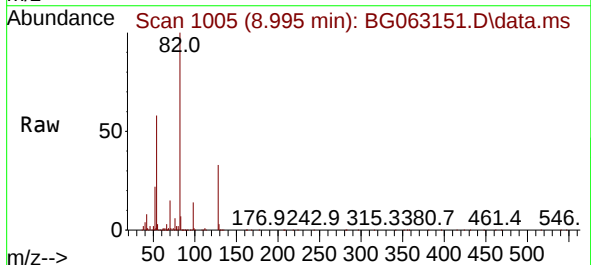
Instrument :
BNA_G
ClientSampleId :
PB164366BL

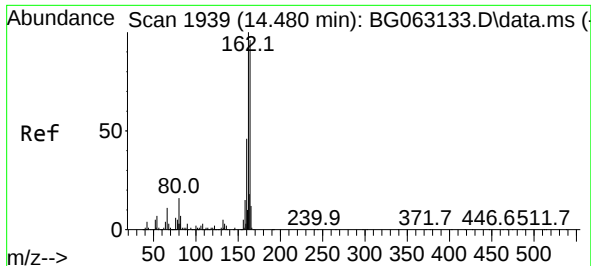
Tgt Ion:136 Resp: 423720
Ion Ratio Lower Upper
136 100
137 12.8 7.8 11.6#
54 10.3 7.3 10.9
68 6.1 3.5 5.3#



#23
Nitrobenzene-d5
Concen: 87.486 ng
RT: 8.995 min Scan# 1005
Delta R.T. -0.010 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

Tgt Ion: 82 Resp: 852312
Ion Ratio Lower Upper
82 100
128 33.1 26.6 39.8
54 58.2 47.8 71.8

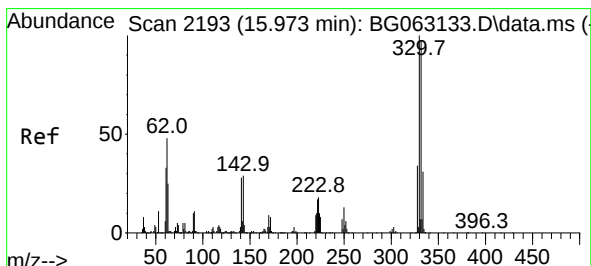
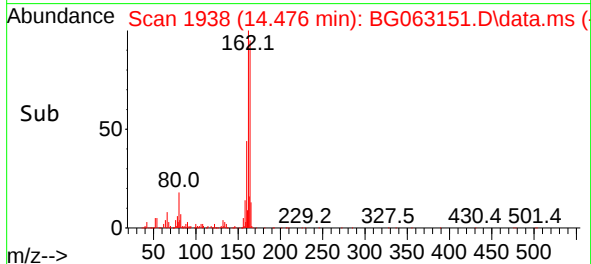
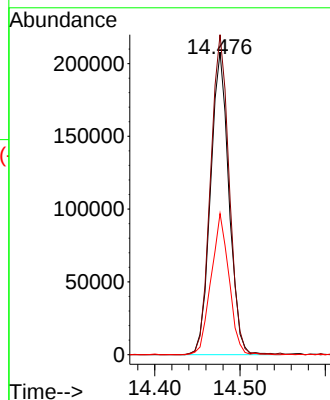
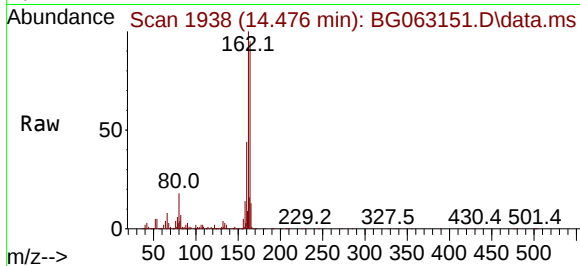




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.476 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

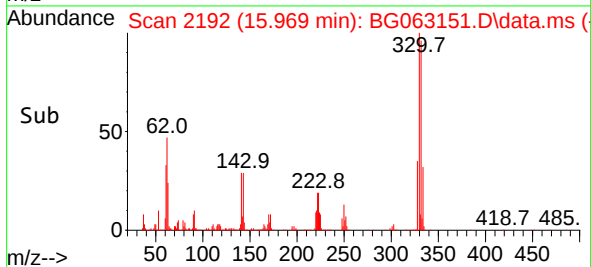
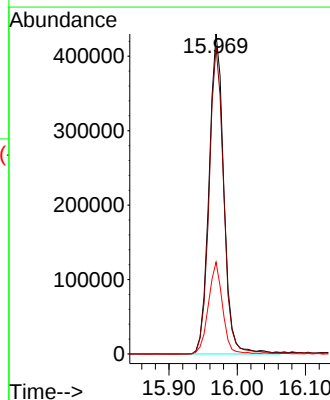
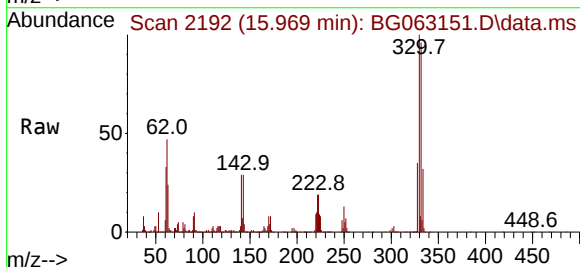
Instrument :
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ClientSampleId :
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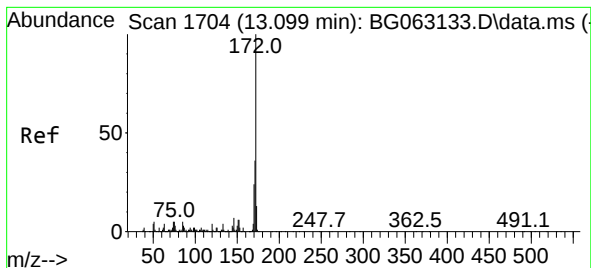
Tgt Ion:164 Resp: 311717
Ion Ratio Lower Upper
164 100
162 105.7 83.4 125.0
160 46.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 122.680 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

Tgt Ion:330 Resp: 649587
Ion Ratio Lower Upper
330 100
332 94.4 78.6 117.8
141 27.4 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 90.960 ng

RT: 13.096 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG063151.D

Acq: 4 Nov 2024 11:26

Instrument :

BNA_G

ClientSampleId :

PB164366BL

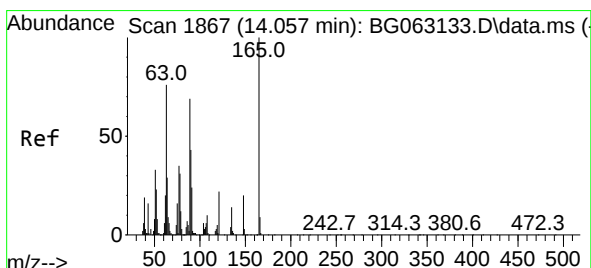
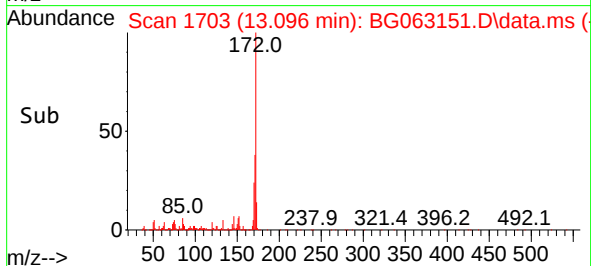
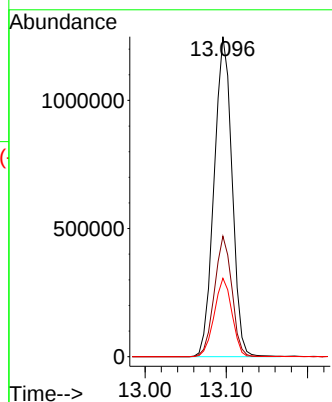
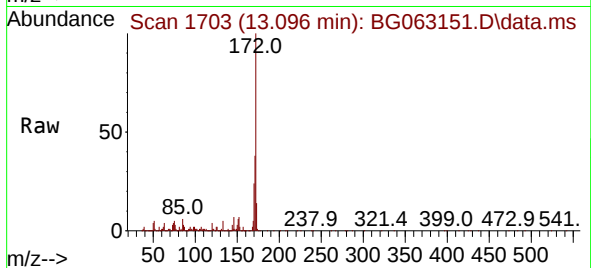
Tgt Ion:172 Resp: 1914348

Ion Ratio Lower Upper

172 100

171 37.7 28.6 42.8

170 24.5 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 9.034 ng

RT: 14.476 min Scan# 1938

Delta R.T. 0.419 min

Lab File: BG063151.D

Acq: 4 Nov 2024 11:26

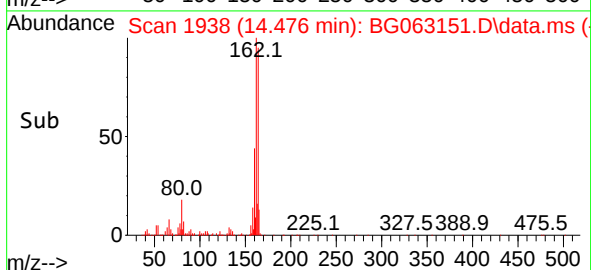
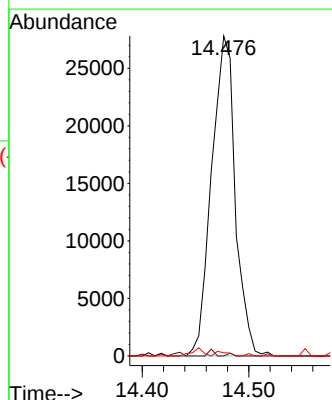
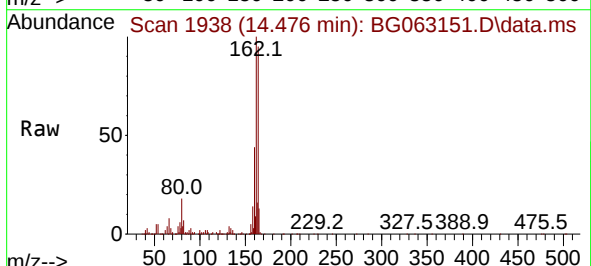
Tgt Ion:165 Resp: 42853

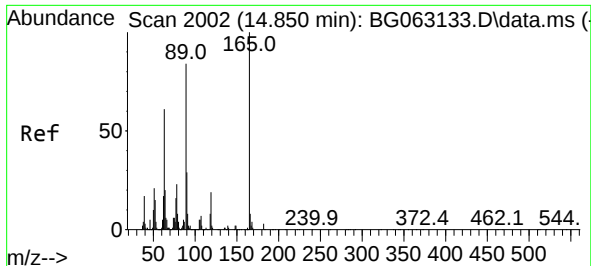
Ion Ratio Lower Upper

165 100

63 0.0 63.8 95.8#

89 1.0 55.1 82.7#

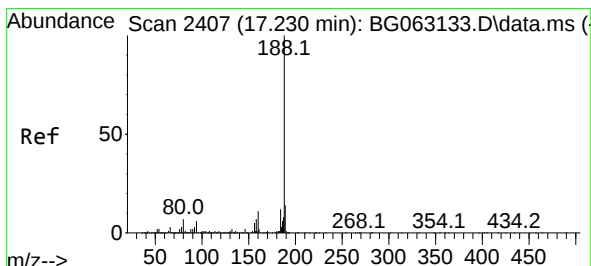
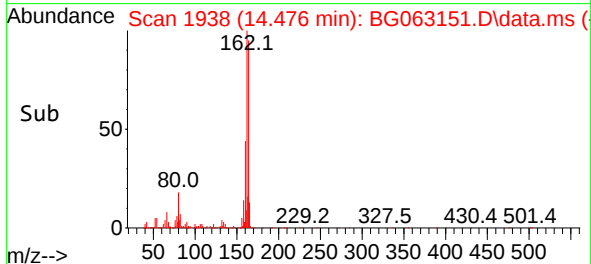
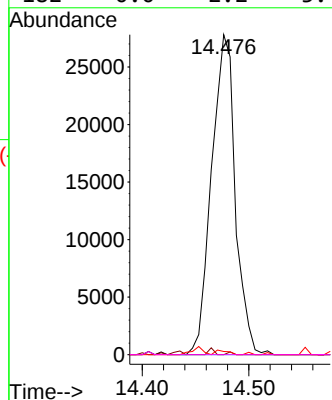
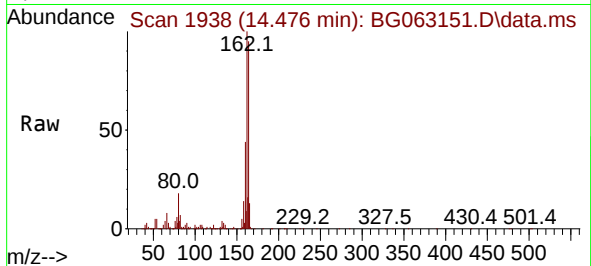




#57
2,4-Dinitrotoluene
Concen: 6.317 ng
RT: 14.476 min Scan# 1938
Delta R.T. -0.374 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

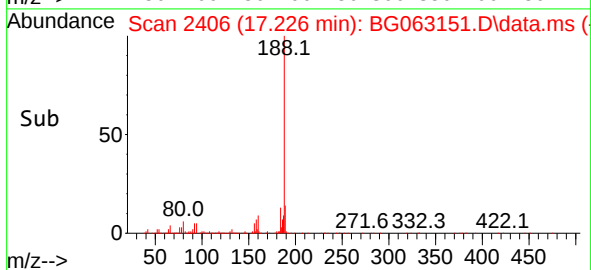
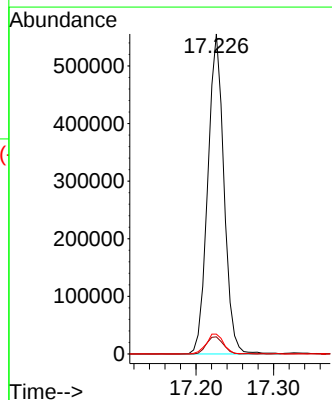
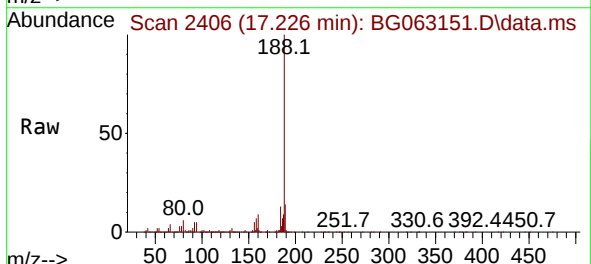
Instrument :
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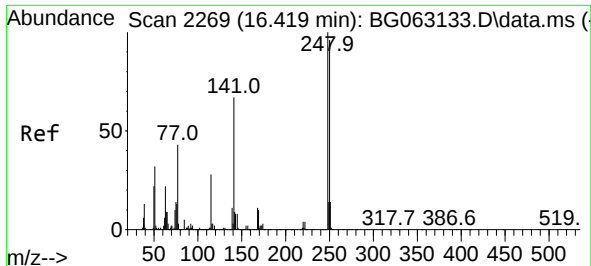
Tgt Ion:165 Resp: 42853
Ion Ratio Lower Upper
165 100
63 0.0 49.0 73.4#
89 1.0 67.4 101.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

Tgt Ion:188 Resp: 802930
Ion Ratio Lower Upper
188 100
94 5.3 4.8 7.2
80 6.2 5.9 8.9

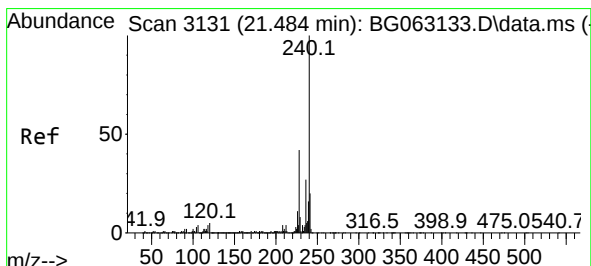
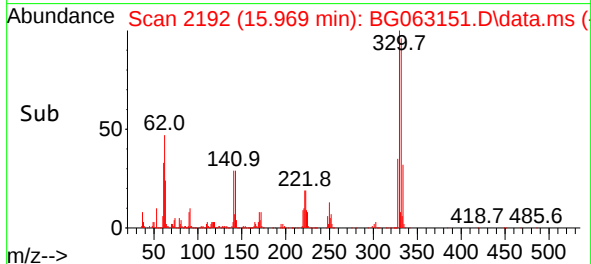
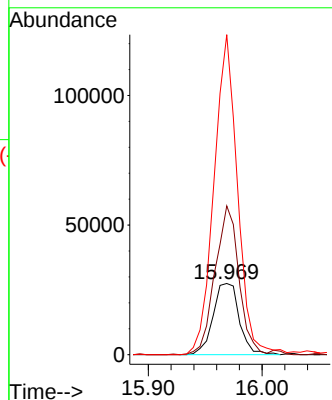
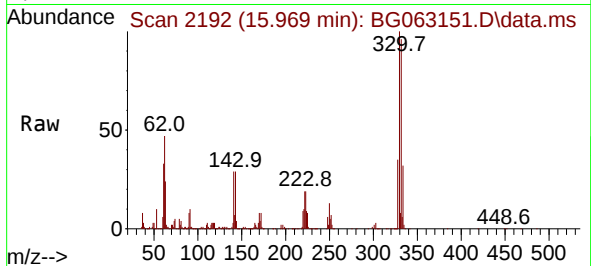




#67
4-Bromophenyl-phenylether
Concen: 4.465 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

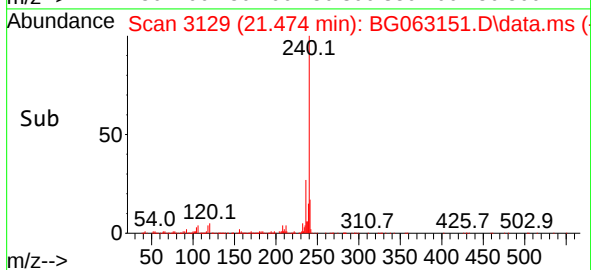
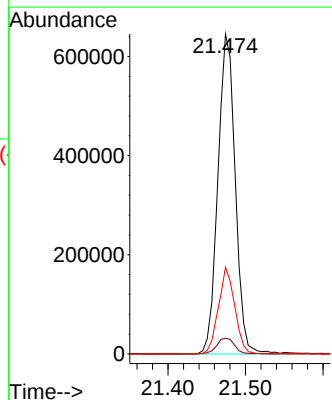
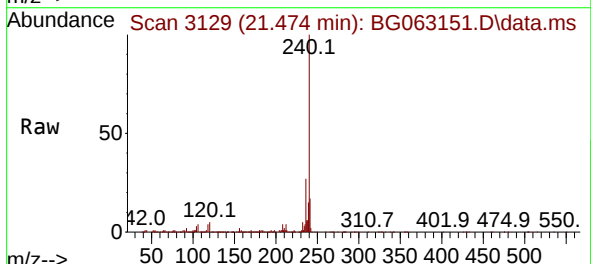
Instrument :
BNA_G
ClientSampleId :
PB164366BL

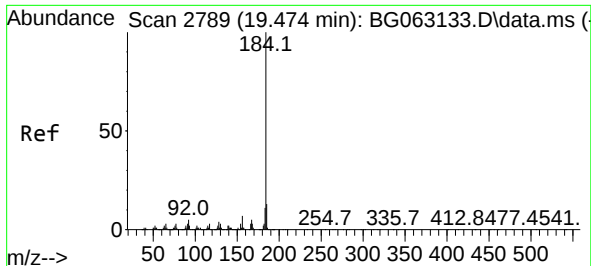
Tgt Ion:248 Resp: 43940
Ion Ratio Lower Upper
248 100
250 209.0 76.6 115.0#
141 449.7 53.9 80.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.474 min Scan# 3129
Delta R.T. -0.010 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

Tgt Ion:240 Resp: 1006008
Ion Ratio Lower Upper
240 100
120 4.9 3.9 5.9
236 27.1 21.4 32.2

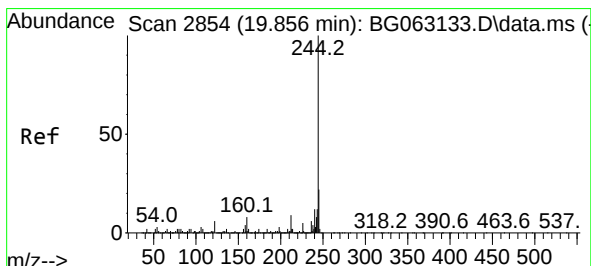
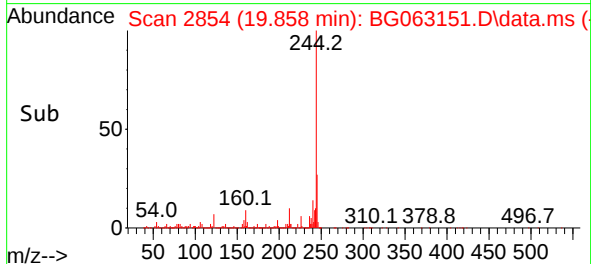
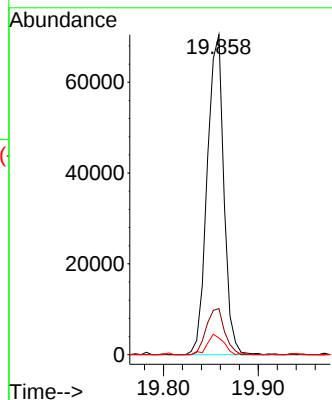
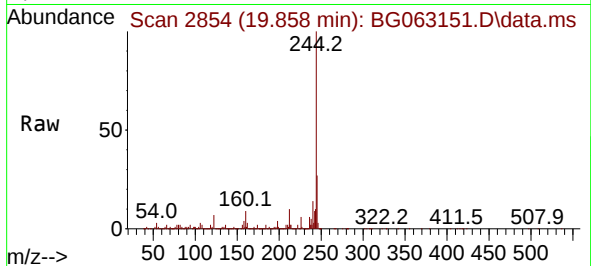




#77
Benzidine
Concen: 5.541 ng
RT: 19.858 min Scan# 2854
Delta R.T. 0.384 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

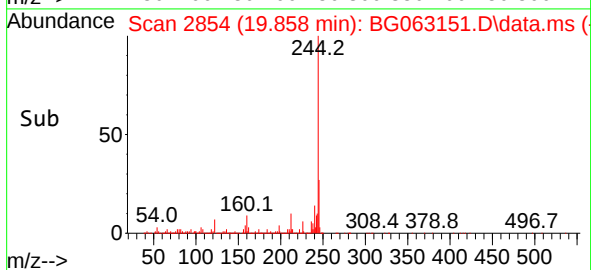
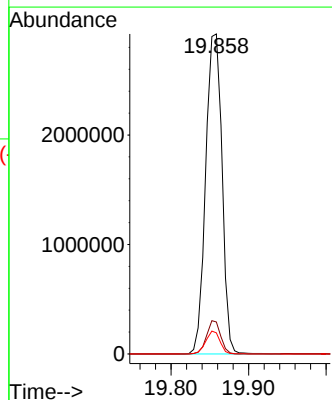
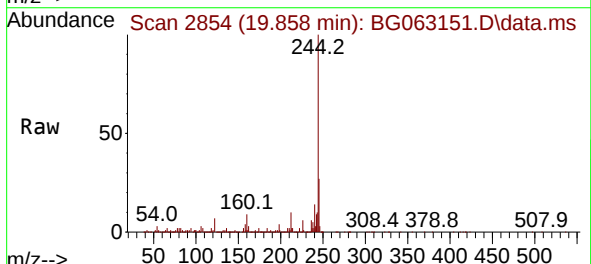
Instrument :
BNA_G
ClientSampleId :
PB164366BL

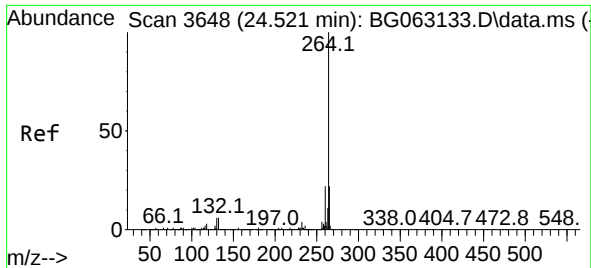
Tgt Ion:184 Resp: 85880
Ion Ratio Lower Upper
184 100
185 14.4 10.6 16.0
183 5.2 8.6 12.8#



#79
Terphenyl-d14
Concen: 87.230 ng
RT: 19.858 min Scan# 2854
Delta R.T. 0.002 min
Lab File: BG063151.D
Acq: 4 Nov 2024 11:26

Tgt Ion:244 Resp: 4264379
Ion Ratio Lower Upper
244 100
212 10.0 7.3 10.9
122 6.6 4.8 7.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.512 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG063151.D
 Acq: 4 Nov 2024 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB164366BL

Tgt Ion:264 Resp: 1102058

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.2
265	20.1	17.4	26.0

