

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051169.D
 Acq On : 22 Nov 2021 14:06
 Operator : CG/JU
 Sample : M4783-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200033

Quant Time: Nov 22 17:17:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

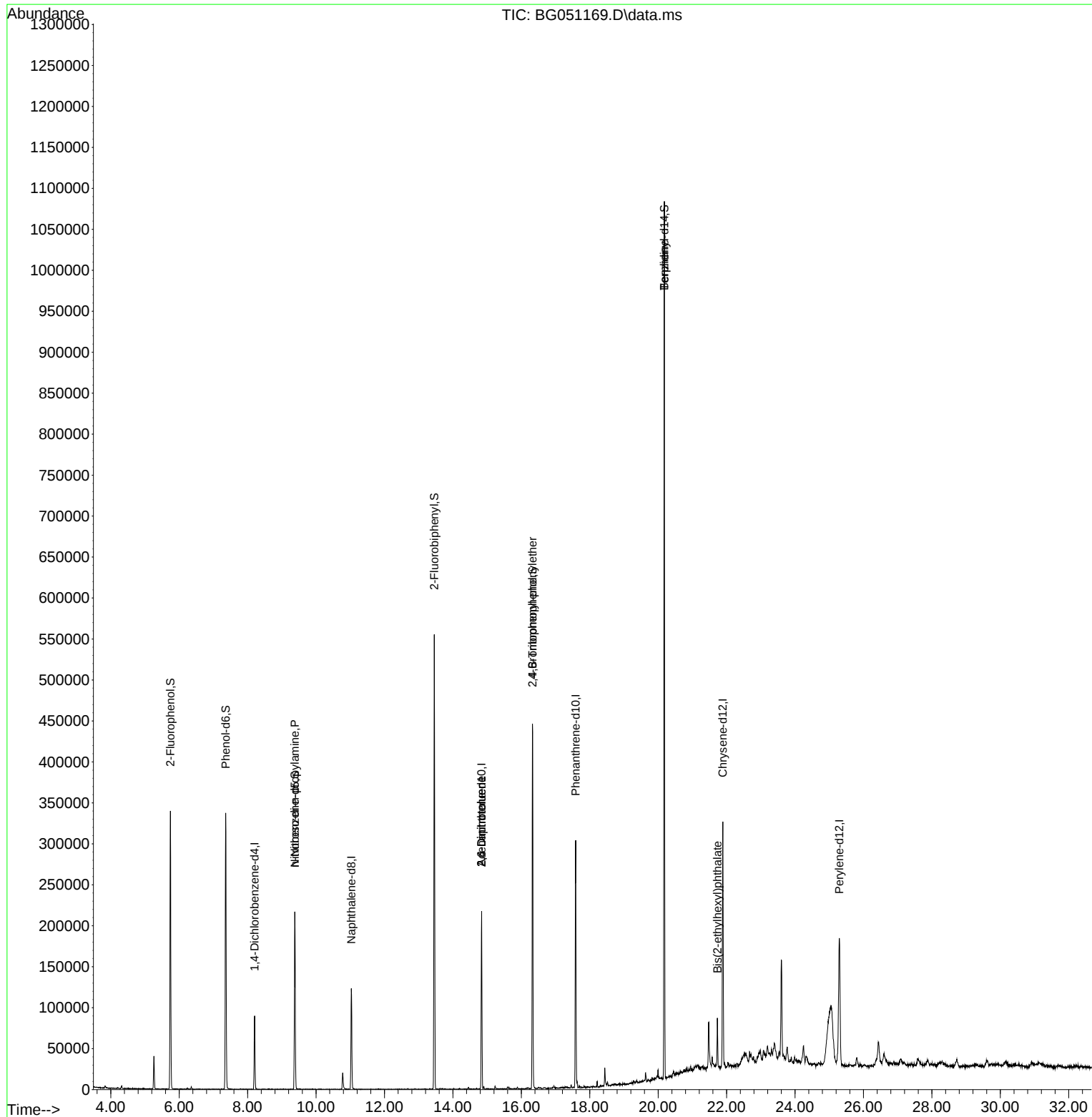
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	24442	20.000	ng	0.00
21) Naphthalene-d8	11.031	136	106188	20.000	ng	# 0.00
39) Acenaphthene-d10	14.839	164	75896	20.000	ng	0.00
64) Phenanthrene-d10	17.588	188	185723	20.000	ng	# 0.00
76) Chrysene-d12	21.889	240	175420	20.000	ng	# 0.00
86) Perylene-d12	25.291	264	171495	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	148697	94.044	ng	0.00
7) Phenol-d6	7.359	99	200879	90.203	ng	0.00
23) Nitrobenzene-d5	9.380	82	141470	60.816	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	74654	92.545	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	281334	55.935	ng	0.00
79) Terphenyl-d14	20.180	244	503451	52.466	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.380	70	19528	11.880	ng	# 67
51) 2,6-Dinitrotoluene	14.839	165	10246	8.389	ng	# 10
57) 2,4-Dinitrotoluene	14.839	165	10246	5.857	ng	# 15
67) 4-Bromophenyl-phenylether	16.325	248	5575	2.775	ng	# 1
77) Benzidine	20.180	184	8393	2.914	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.731	149	23309	3.085	ng	95

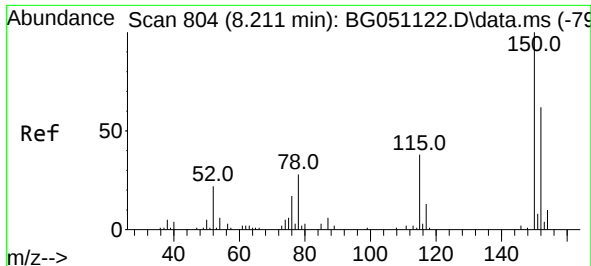
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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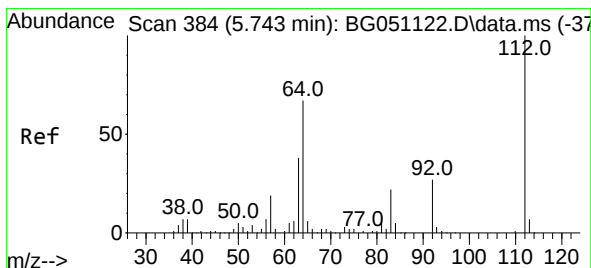
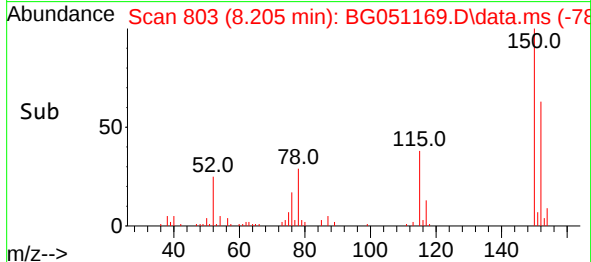
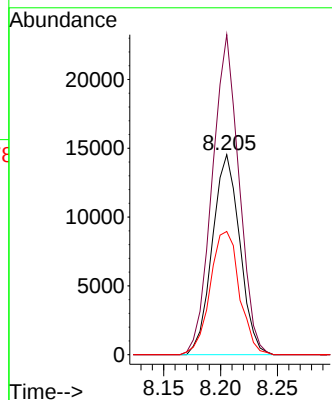
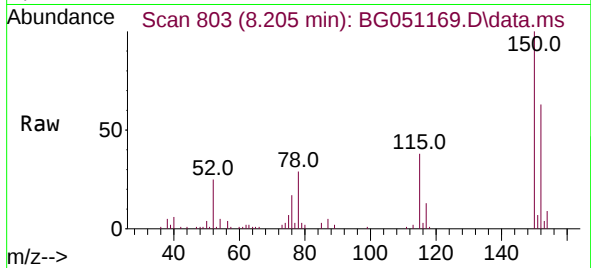




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.205 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BG051169.D
 Acq: 22 Nov 2021 14:06

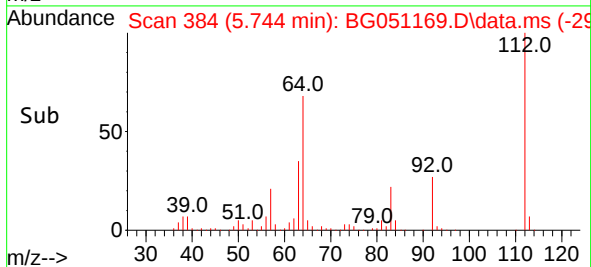
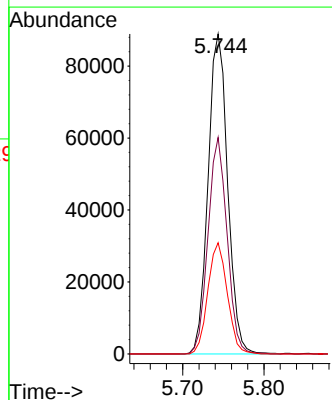
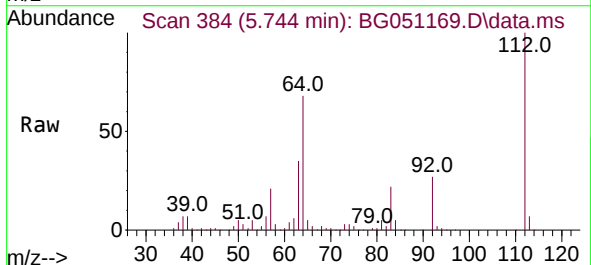
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200033

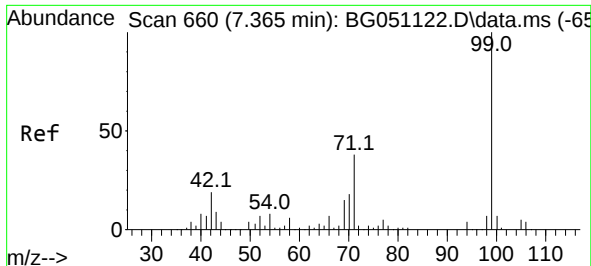
Tgt Ion:152 Resp: 24442
 Ion Ratio Lower Upper
 152 100
 150 160.0 119.4 179.0
 115 61.6 60.2 90.4



#5
 2-Fluorophenol
 Concen: 94.044 ng
 RT: 5.744 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: BG051169.D
 Acq: 22 Nov 2021 14:06

Tgt Ion:112 Resp: 148697
 Ion Ratio Lower Upper
 112 100
 64 67.7 46.7 70.1
 63 34.8 35.3 52.9#

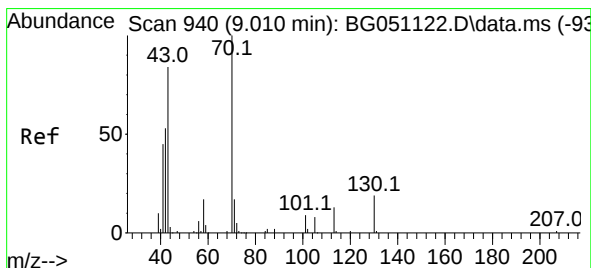
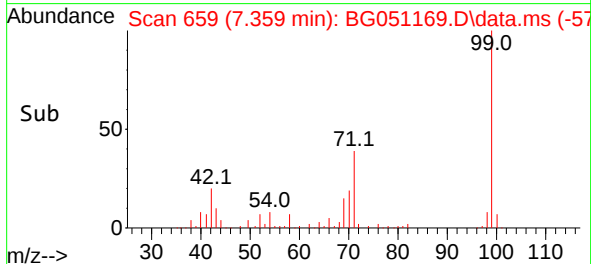
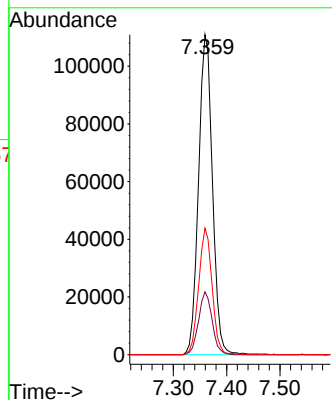
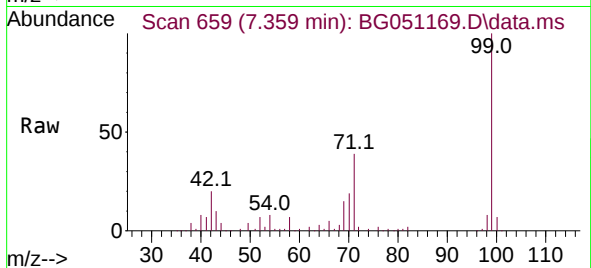




#7
Phenol-d6
Concen: 90.203 ng
RT: 7.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG051169.D
Acq: 22 Nov 2021 14:06

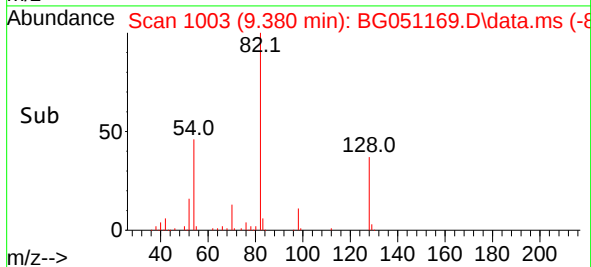
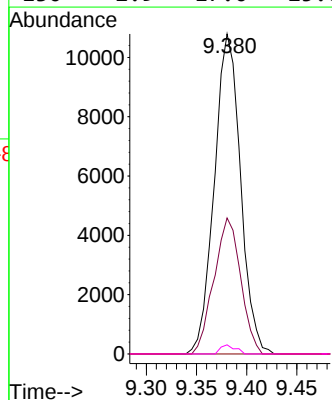
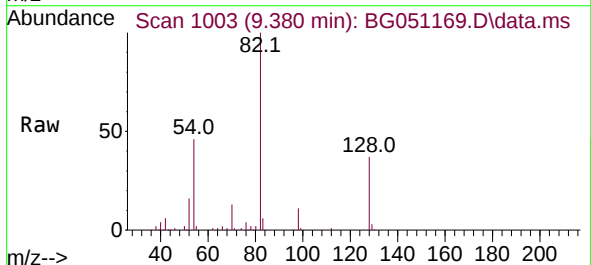
Instrument :
BNA_G
ClientSampleId :
RBR-200033

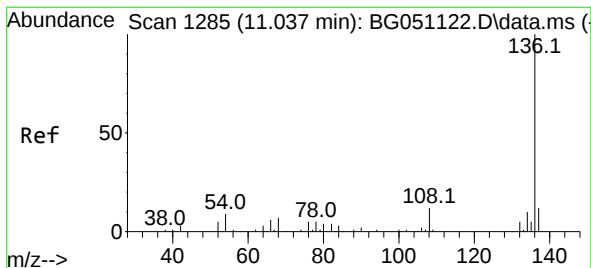
Tgt Ion: 99 Resp: 200879
Ion Ratio Lower Upper
99 100
42 19.6 20.5 30.7#
71 39.5 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 11.880 ng
RT: 9.380 min Scan# 1003
Delta R.T. 0.370 min
Lab File: BG051169.D
Acq: 22 Nov 2021 14:06

Tgt Ion: 70 Resp: 19528
Ion Ratio Lower Upper
70 100
42 42.5 54.5 81.7#
101 0.0 9.0 13.6#
130 2.9 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.031 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG051169.D

Acq: 22 Nov 2021 14:06

Instrument :

BNA_G

ClientSampleId :

RBR-200033

Tgt Ion:136 Resp: 106188

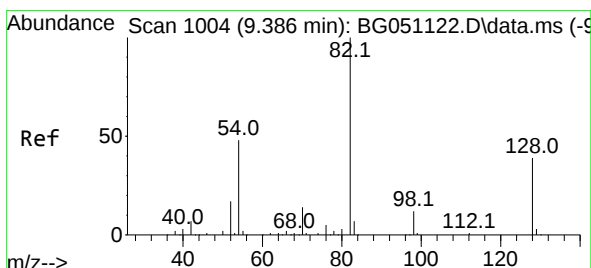
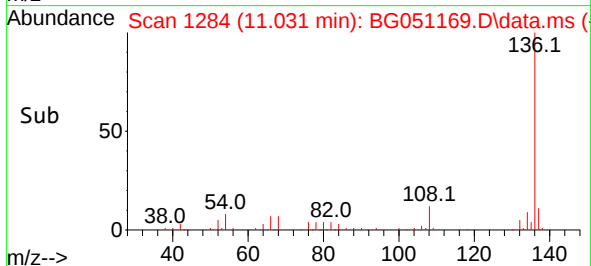
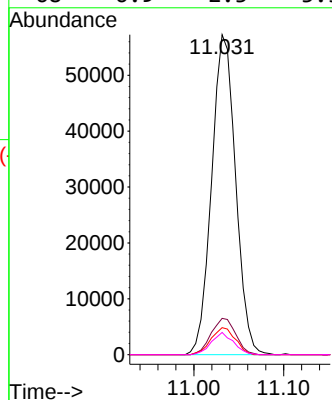
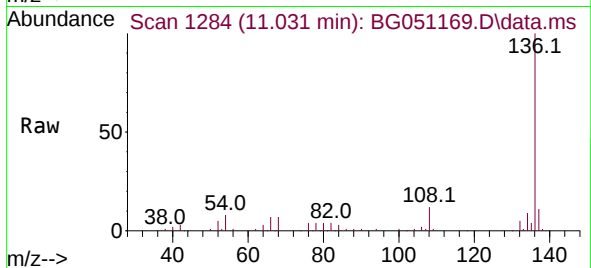
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.2

54 8.5 5.5 8.3#

68 6.9 2.3 3.5#



#23

Nitrobenzene-d5

Concen: 60.816 ng

RT: 9.380 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BG051169.D

Acq: 22 Nov 2021 14:06

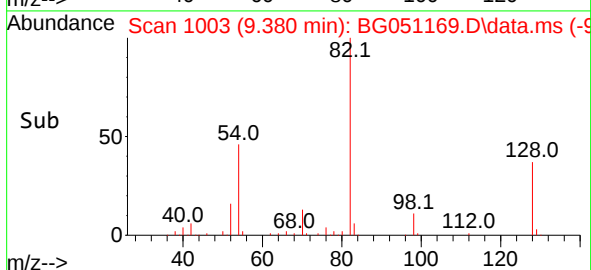
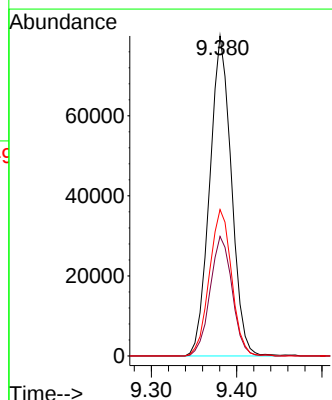
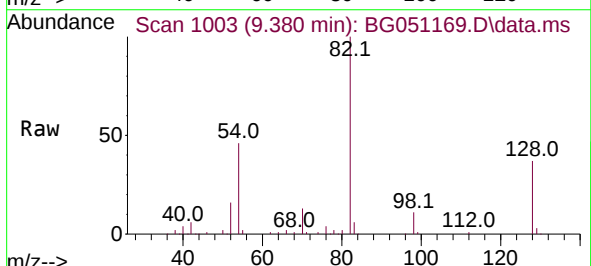
Tgt Ion: 82 Resp: 141470

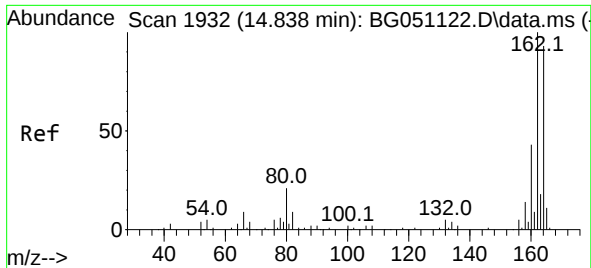
Ion Ratio Lower Upper

82 100

128 37.4 29.8 44.6

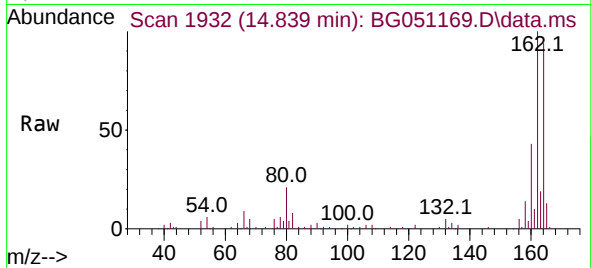
54 45.8 45.8 68.8#



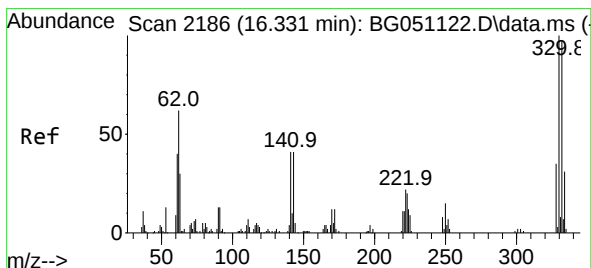
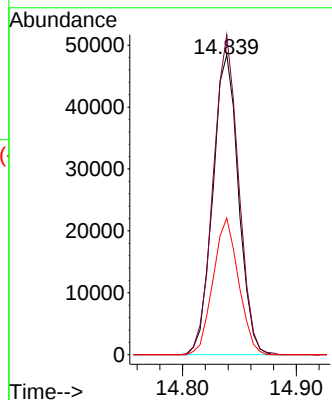
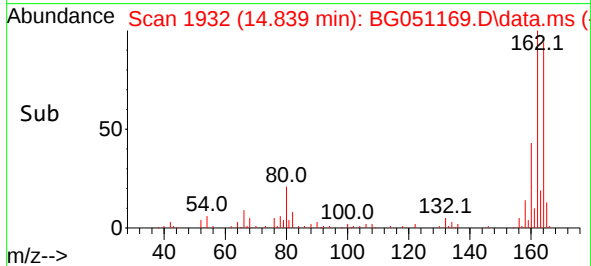


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 1932
Delta R.T. 0.001 min
Lab File: BG051169.D
Acq: 22 Nov 2021 14:06

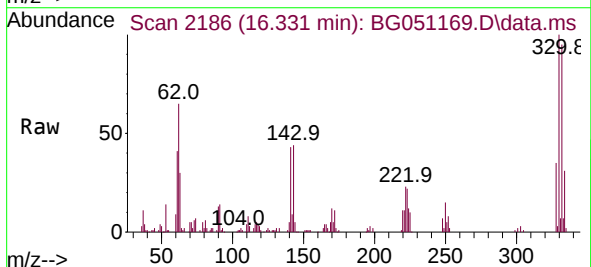
Instrument :
BNA_G
ClientSampleId :
RBR-200033



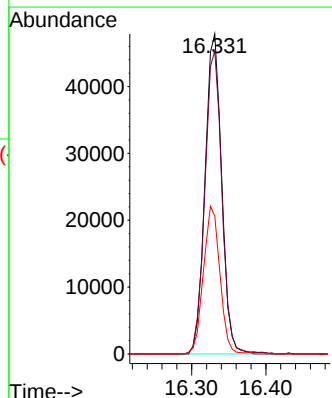
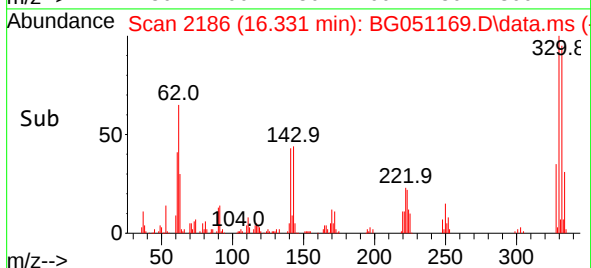
Tgt Ion:164 Resp: 75896
Ion Ratio Lower Upper
164 100
162 106.7 81.4 122.0
160 45.6 34.9 52.3

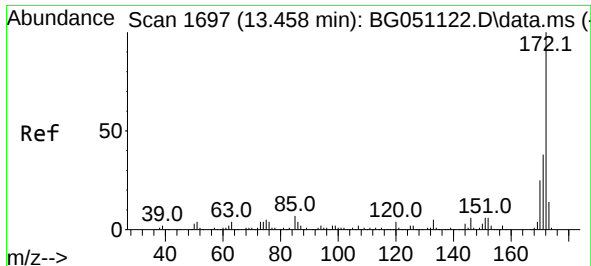


#42
2,4,6-Tribromophenol
Concen: 92.545 ng
RT: 16.331 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG051169.D
Acq: 22 Nov 2021 14:06



Tgt Ion:330 Resp: 74654
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 45.6 35.6 53.4

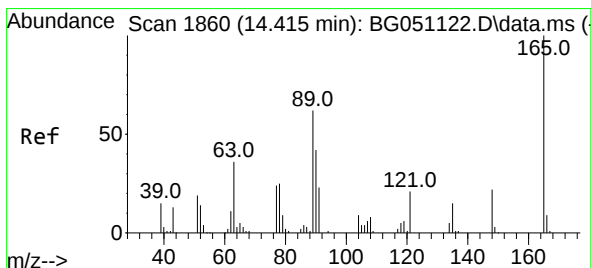
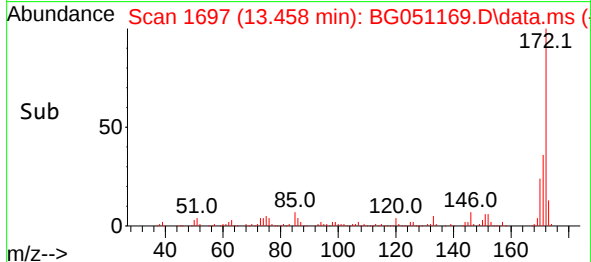
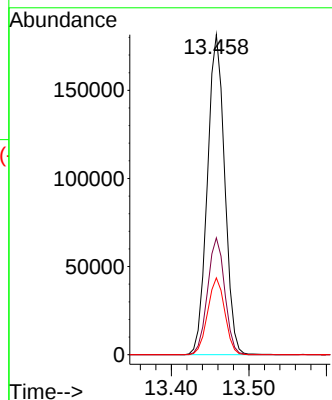
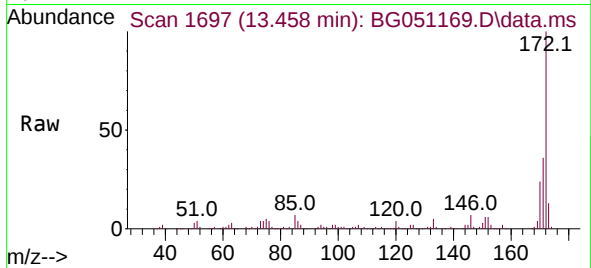




#45
2-Fluorobiphenyl
Concen: 55.935 ng
RT: 13.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG051169.D
Acq: 22 Nov 2021 14:06

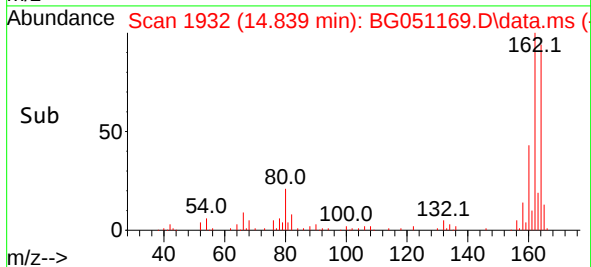
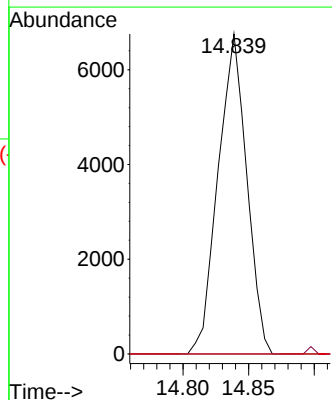
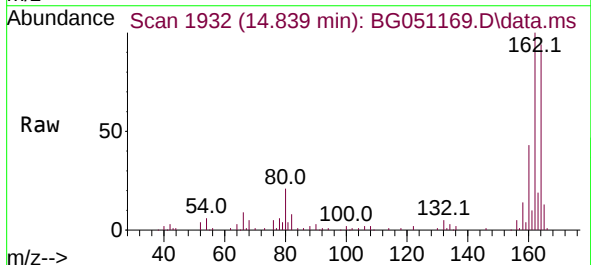
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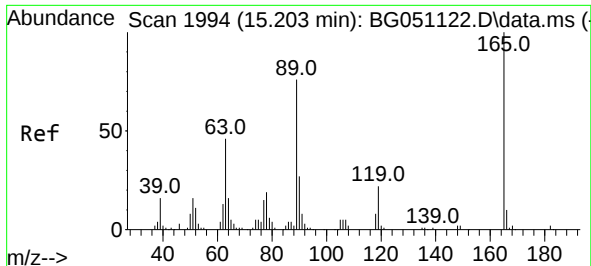
Tgt Ion:172 Resp: 281334
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.389 ng
RT: 14.839 min Scan# 1932
Delta R.T. 0.423 min
Lab File: BG051169.D
Acq: 22 Nov 2021 14:06

Tgt Ion:165 Resp: 10246
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.857 ng

RT: 14.839 min Scan# 1994

Delta R.T. -0.364 min

Lab File: BG051169.D

Acq: 22 Nov 2021 14:06

Instrument :

BNA_G

ClientSampleId :

RBR-200033

Tgt Ion:165 Resp: 10246

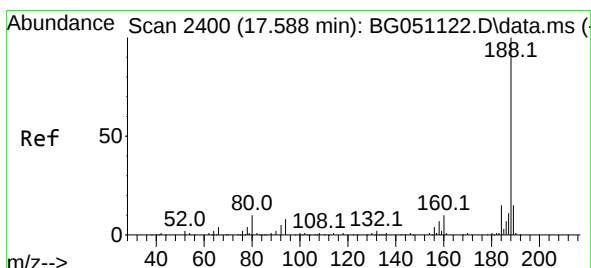
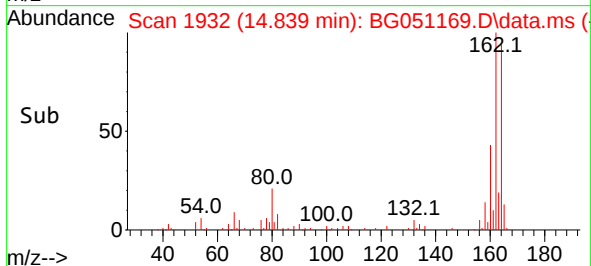
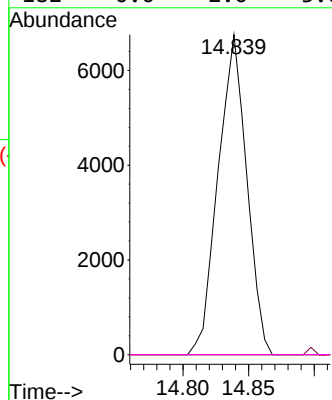
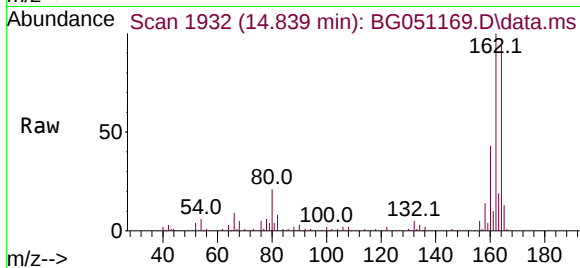
Ion Ratio Lower Upper

165 100

63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.588 min Scan# 2400

Delta R.T. 0.000 min

Lab File: BG051169.D

Acq: 22 Nov 2021 14:06

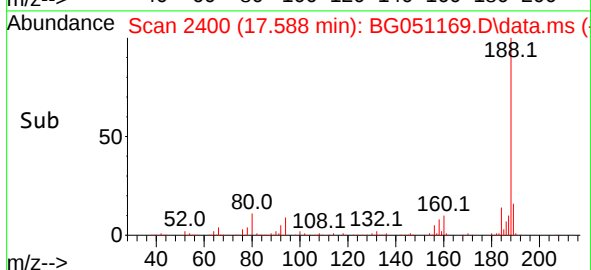
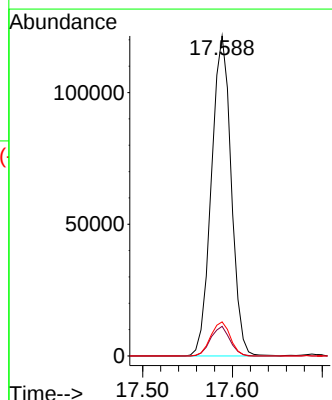
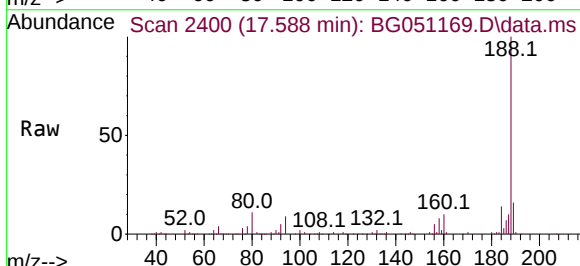
Tgt Ion:188 Resp: 185723

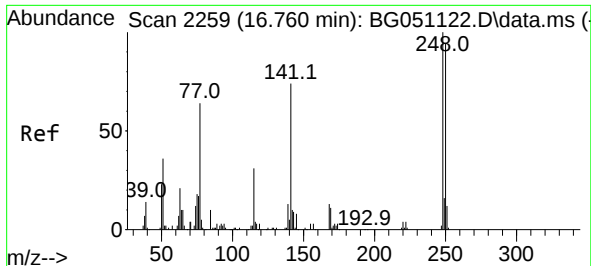
Ion Ratio Lower Upper

188 100

94 9.3 5.4 8.0#

80 10.7 3.7 5.5#

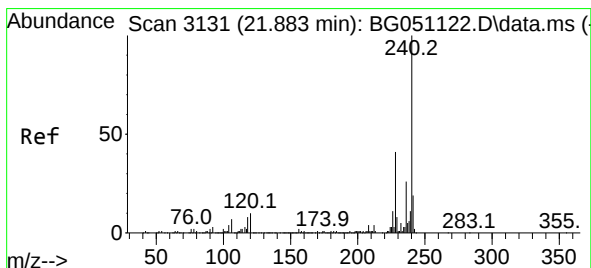
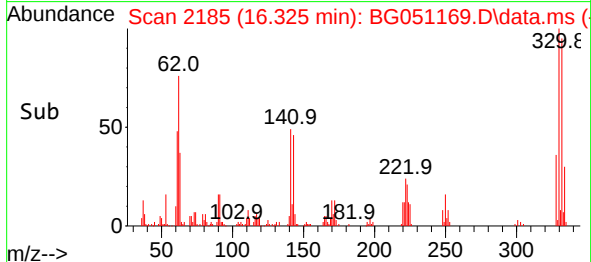
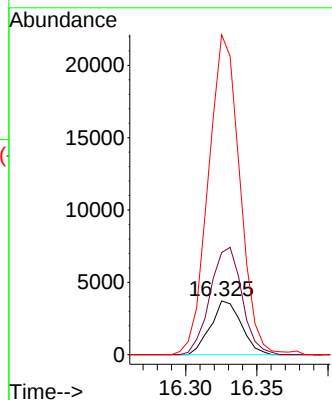
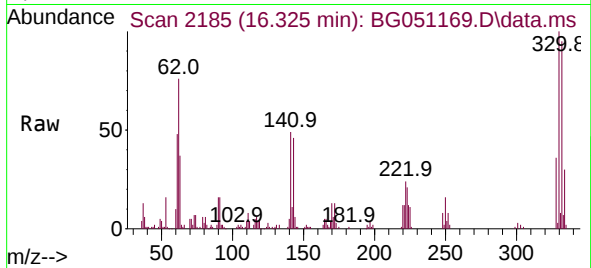




#67
4-Bromophenyl-phenylether
Concen: 2.775 ng
RT: 16.325 min Scan# 2185
Delta R.T. -0.434 min
Lab File: BG051169.D
Acq: 22 Nov 2021 14:06

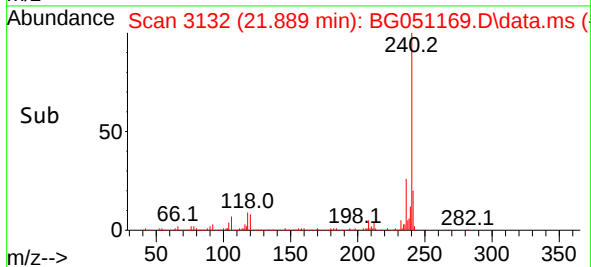
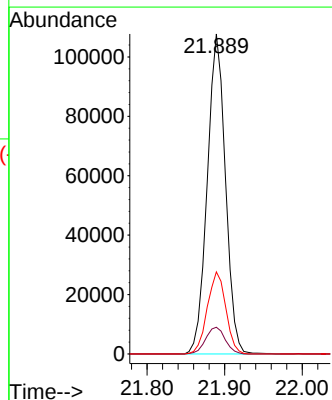
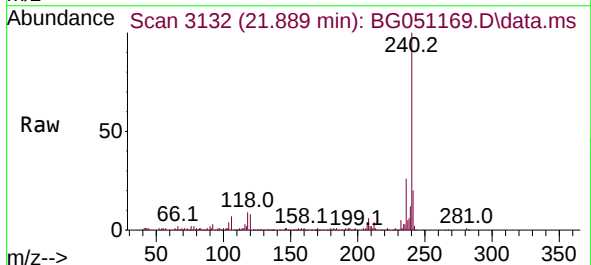
Instrument :
BNA_G
ClientSampleId :
RBR-200033

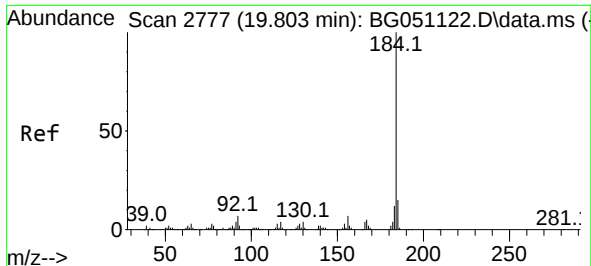
Tgt Ion:248 Resp: 5575
Ion Ratio Lower Upper
248 100
250 190.2 76.1 114.1#
141 595.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BG051169.D
Acq: 22 Nov 2021 14:06

Tgt Ion:240 Resp: 175420
Ion Ratio Lower Upper
240 100
120 8.4 4.2 6.2#
236 25.6 21.8 32.6

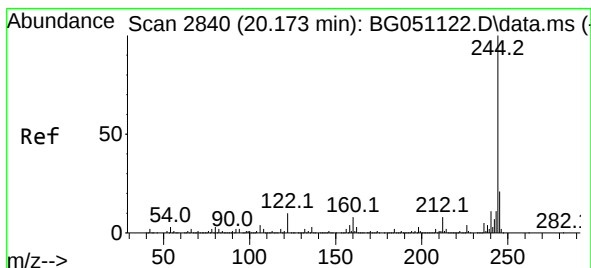
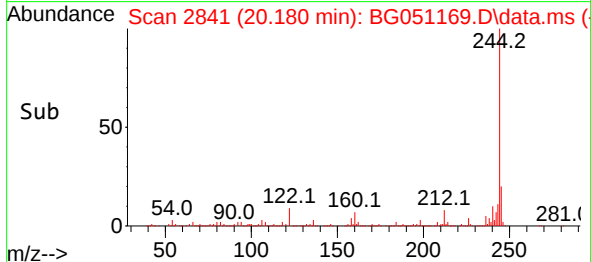
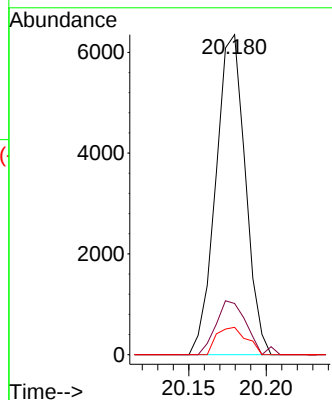
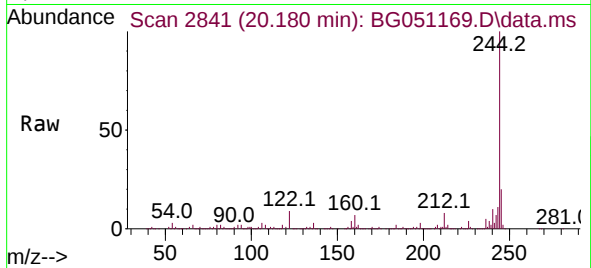




#77
Benzidine
Concen: 2.914 ng
RT: 20.180 min Scan# 2777
Delta R.T. 0.376 min
Lab File: BG051169.D
Acq: 22 Nov 2021 14:06

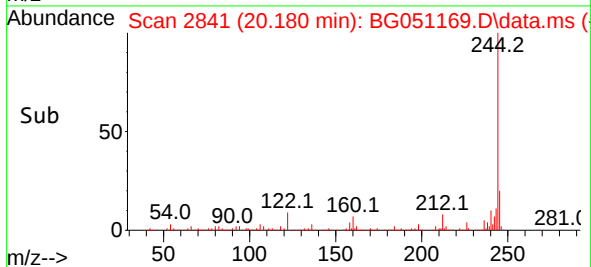
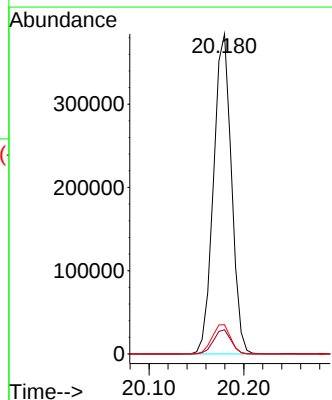
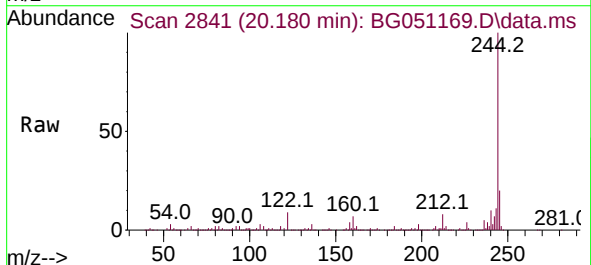
Instrument :
BNA_G
ClientSampleId :
RBR-200033

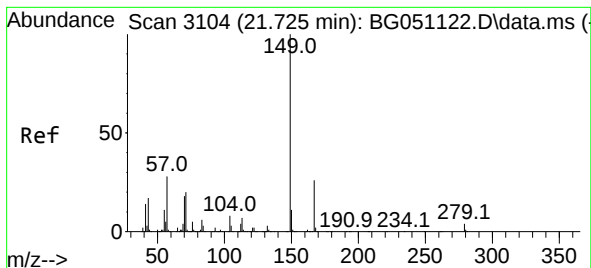
Tgt Ion:184 Resp: 8393
Ion Ratio Lower Upper
184 100
185 16.0 10.7 16.1
183 8.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 52.466 ng
RT: 20.180 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BG051169.D
Acq: 22 Nov 2021 14:06

Tgt Ion:244 Resp: 503451
Ion Ratio Lower Upper
244 100
212 7.5 6.9 10.3
122 9.2 5.0 7.6#

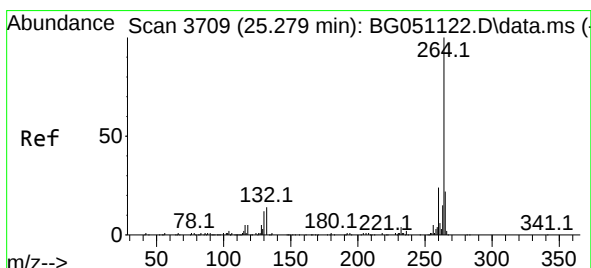
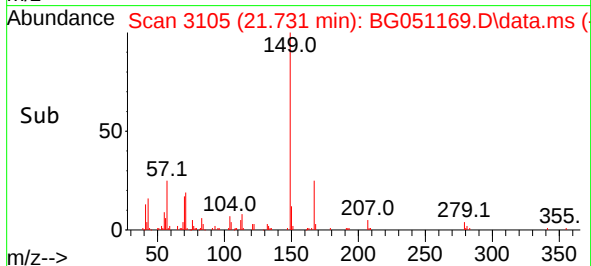
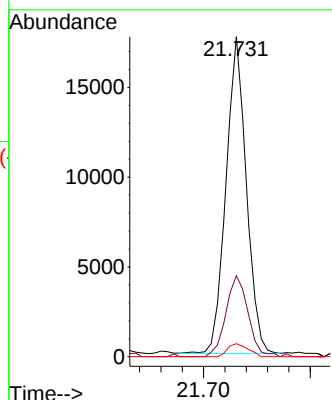
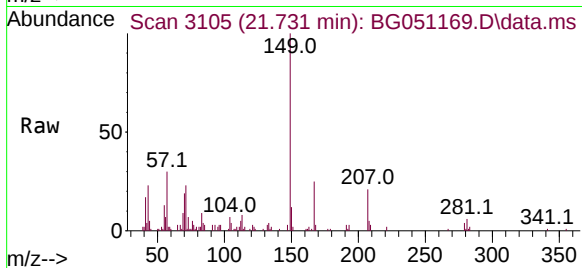




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.085 ng
 RT: 21.731 min Scan# 3104
 Delta R.T. 0.006 min
 Lab File: BG051169.D
 Acq: 22 Nov 2021 14:06

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200033

Tgt Ion:149 Resp: 23309
 Ion Ratio Lower Upper
 149 100
 167 25.3 22.3 33.5
 279 4.0 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.291 min Scan# 3711
 Delta R.T. 0.012 min
 Lab File: BG051169.D
 Acq: 22 Nov 2021 14:06

Tgt Ion:264 Resp: 171495
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 22.6 16.9 25.3

