

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051483.D
 Acq On : 11 Dec 2021 17:20
 Operator : CG/JU
 Sample : M4965-36
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 22:54:51 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)

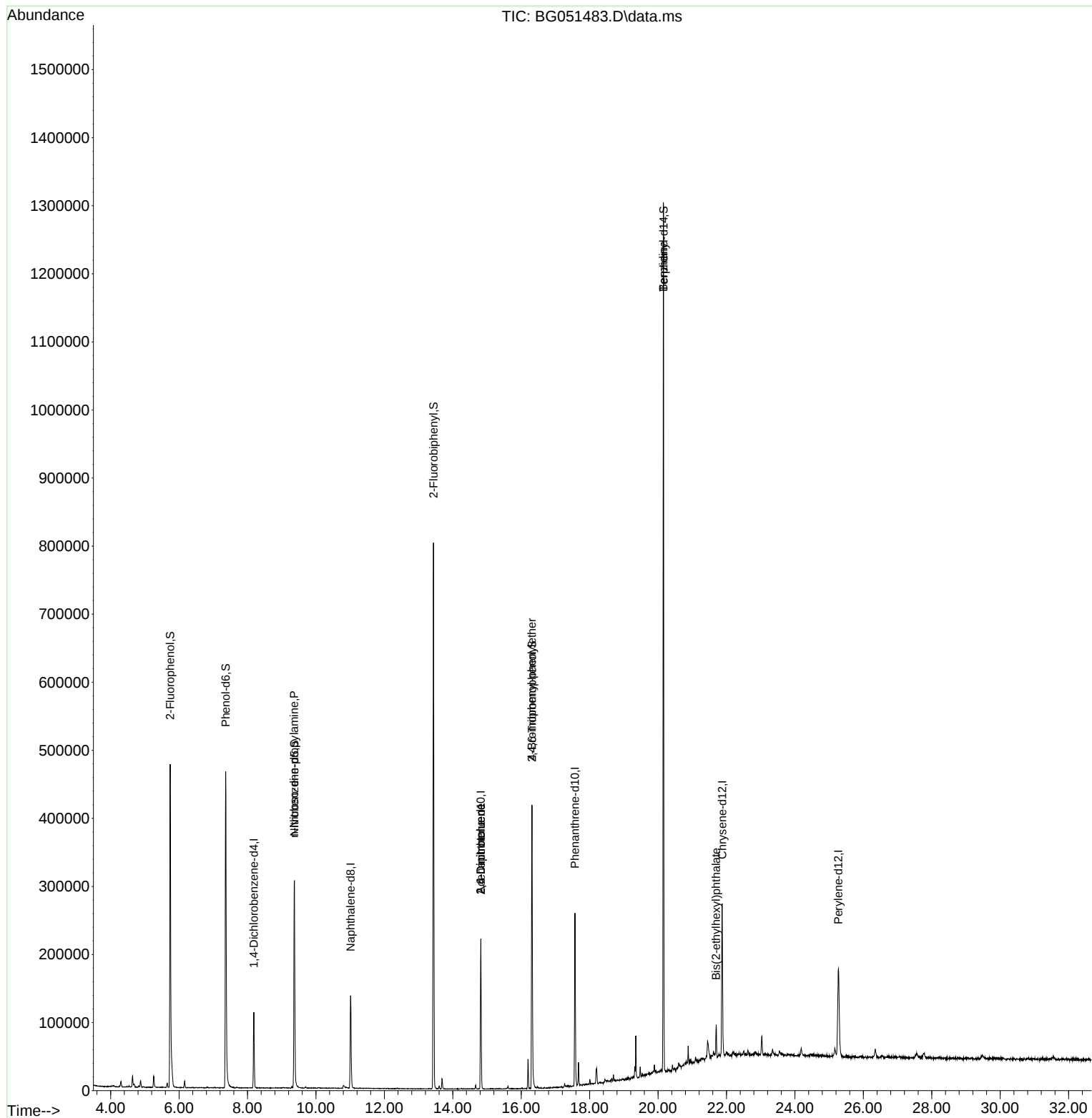
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.185	152	31246	20.000	ng	-0.03
21) Naphthalene-d8	11.011	136	130041	20.000	ng	#-0.03
39) Acenaphthene-d10	14.818	164	80848	20.000	ng	-0.02
64) Phenanthrene-d10	17.568	188	169498	20.000	ng	#-0.02
76) Chrysene-d12	21.874	240	152490	20.000	ng	# 0.00
86) Perylene-d12	25.270	264	149520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	227348	112.477	ng	0.00
7) Phenol-d6	7.362	99	306064	107.508	ng	0.00
23) Nitrobenzene-d5	9.371	82	220990	77.575	ng	-0.01
42) 2,4,6-Tribromophenol	16.316	330	75600	87.978	ng	-0.01
45) 2-Fluorobiphenyl	13.437	172	409905	76.506	ng	-0.02
79) Terphenyl-d14	20.159	244	597983	71.688	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.366	70	30665	14.593	ng	# 69
51) 2,6-Dinitrotoluene	14.818	165	10539	8.101	ng	# 10
57) 2,4-Dinitrotoluene	14.818	165	10539	5.656	ng	# 15
67) 4-Bromophenyl-phenylether	16.310	248	5503	3.002	ng	# 1
77) Benzidine	20.153	184	10995	4.391	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.698	149	18932	2.883	ng	98

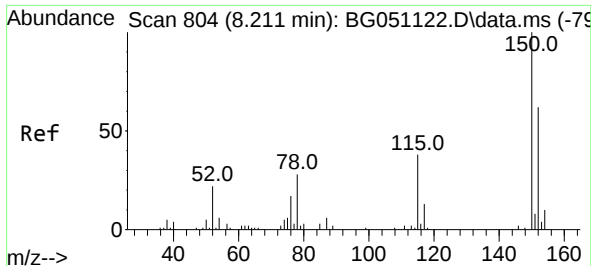
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

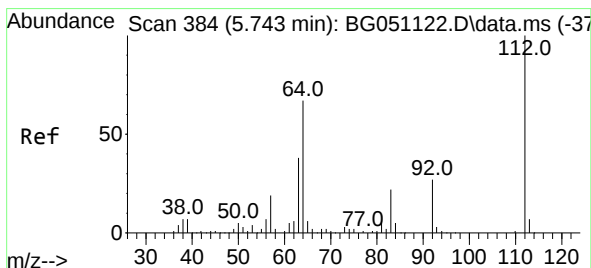
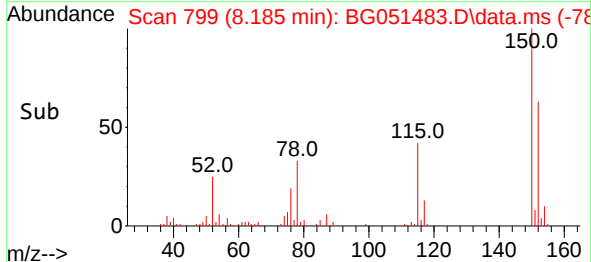
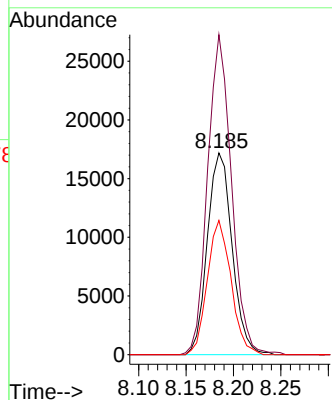
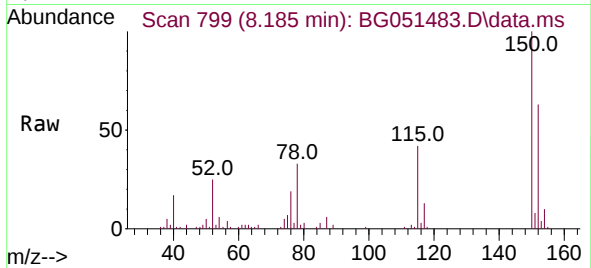




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.185 min Scan# 799
Delta R.T. -0.026 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

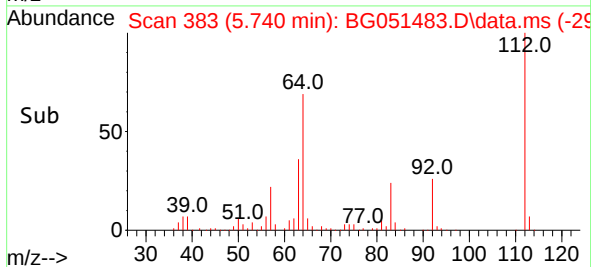
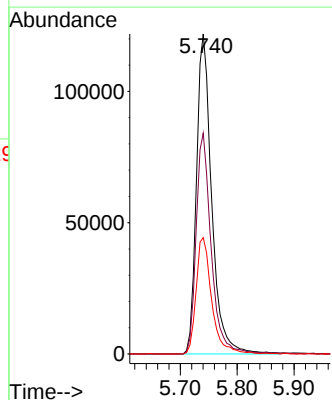
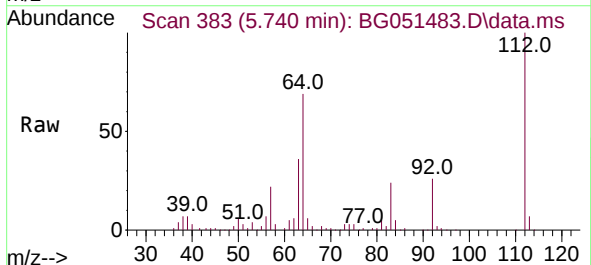
Instrument :
BNA_G
ClientSampleId :

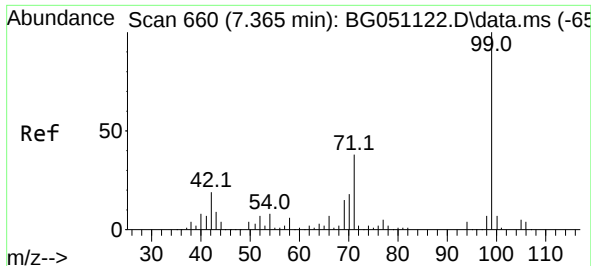
Tgt Ion:152 Resp: 31246
Ion Ratio Lower Upper
152 100
150 158.6 119.4 179.0
115 66.5 60.2 90.4



#5
2-Fluorophenol
Concen: 112.477 ng
RT: 5.740 min Scan# 383
Delta R.T. -0.003 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

Tgt Ion:112 Resp: 227348
Ion Ratio Lower Upper
112 100
64 69.0 46.7 70.1
63 36.4 35.3 52.9

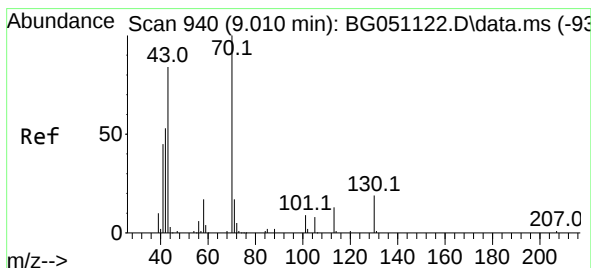
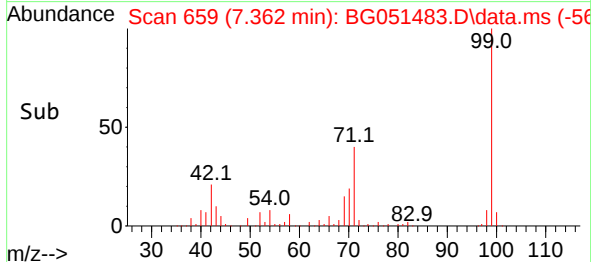
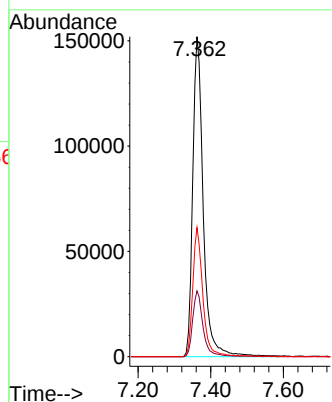
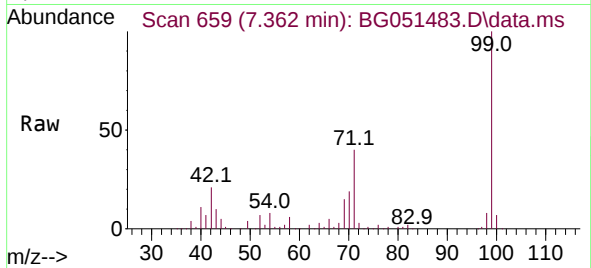




#7
Phenol-d6
Concen: 107.508 ng
RT: 7.362 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

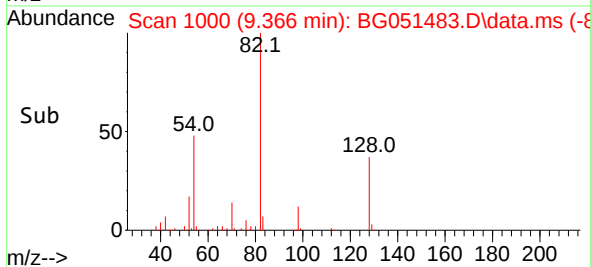
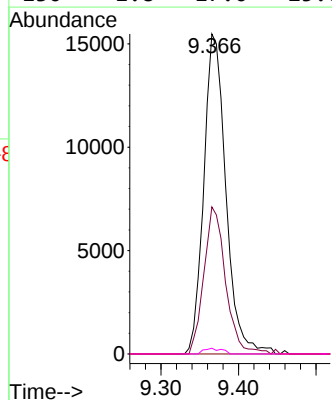
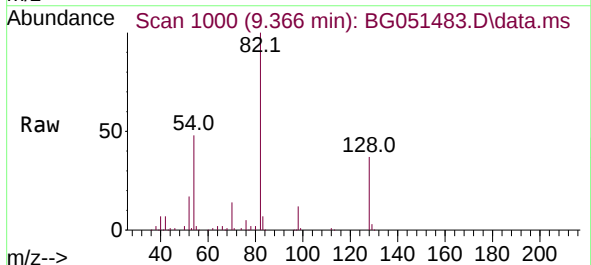
Instrument :
BNA_G
ClientSampleId :

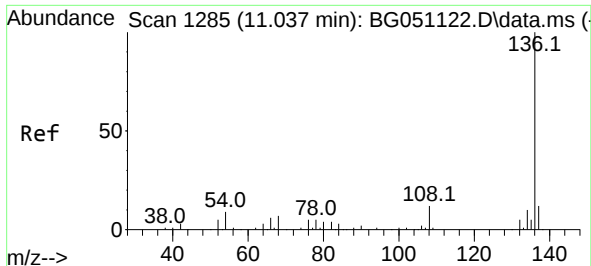
Tgt Ion: 99 Resp: 306064
Ion Ratio Lower Upper
99 100
42 20.5 20.5 30.7
71 40.4 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.593 ng
RT: 9.366 min Scan# 1000
Delta R.T. 0.356 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

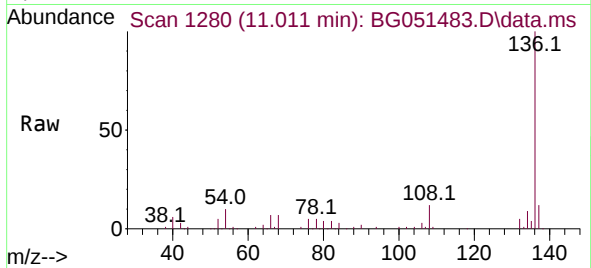
Tgt Ion: 70 Resp: 30665
Ion Ratio Lower Upper
70 100
42 45.9 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#



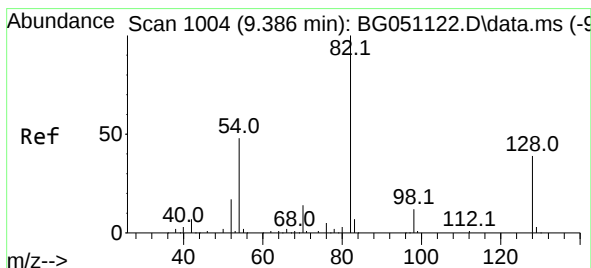
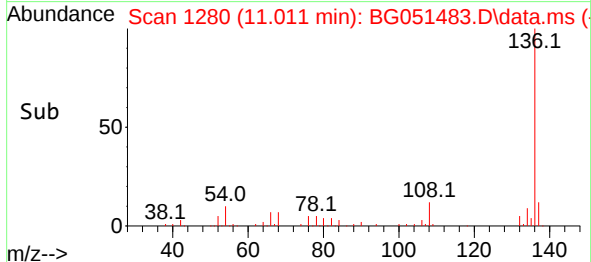
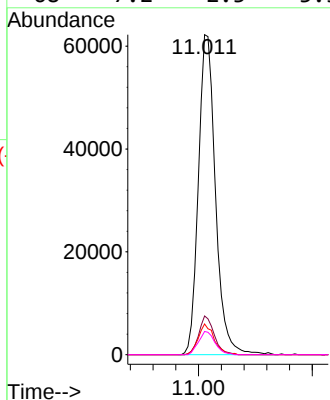


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.011 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

Instrument :
BNA_G
ClientSampleId :

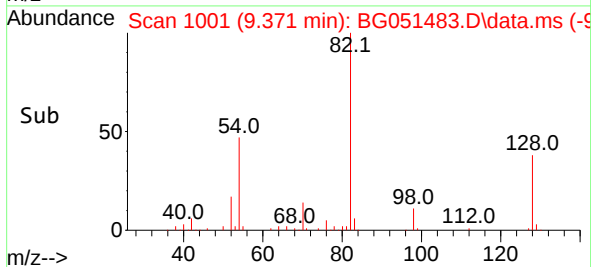
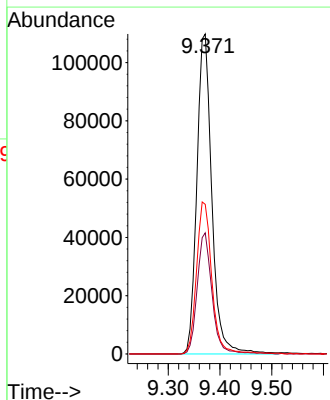
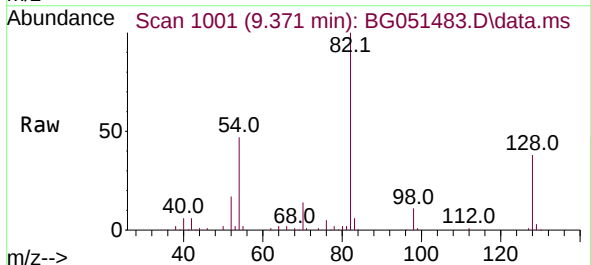


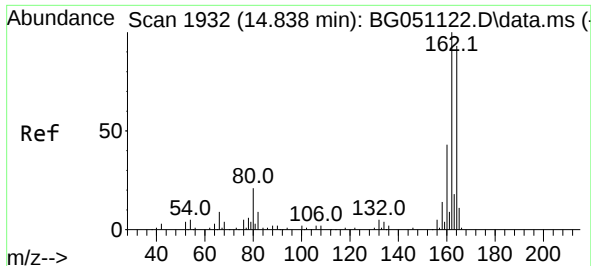
Tgt Ion:136 Resp: 130041
Ion Ratio Lower Upper
136 100
137 12.1 8.2 12.2
54 9.6 5.5 8.3#
68 7.2 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 77.575 ng
RT: 9.371 min Scan# 1001
Delta R.T. -0.015 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

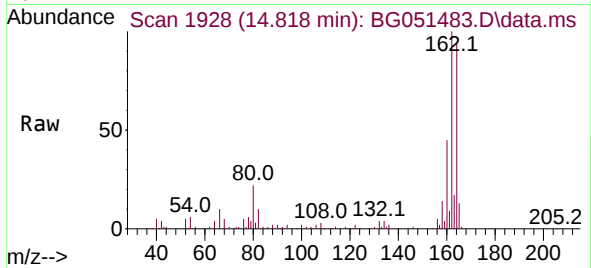
Tgt Ion: 82 Resp: 220990
Ion Ratio Lower Upper
82 100
128 37.8 29.8 44.6
54 46.8 45.8 68.8



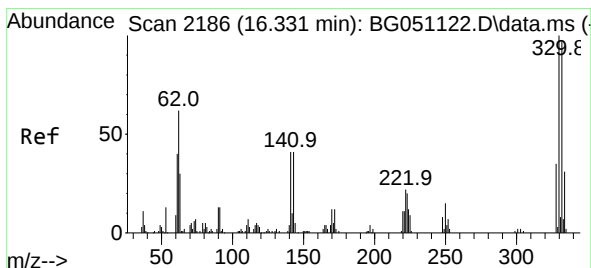
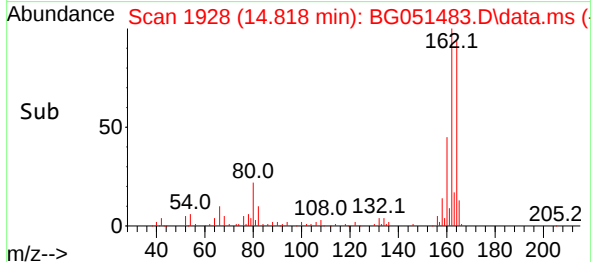
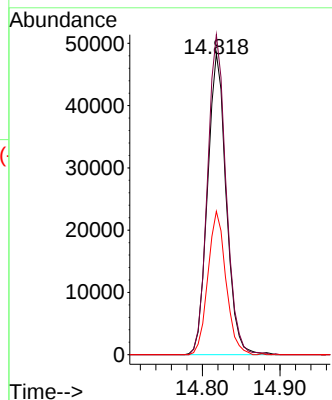


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.818 min Scan# 1932
Delta R.T. -0.020 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

Instrument :
BNA_G
ClientSampleId :

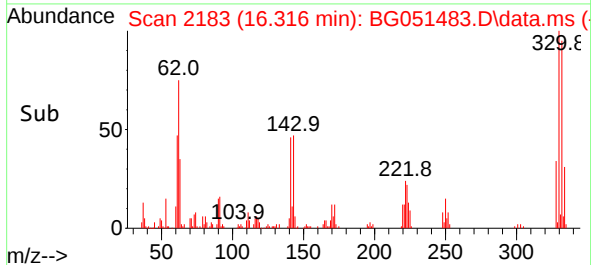
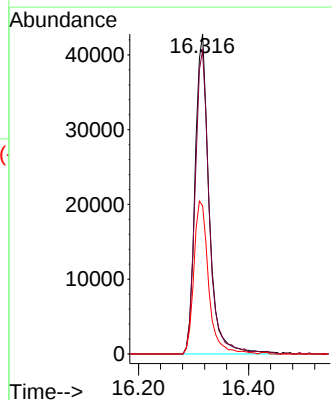
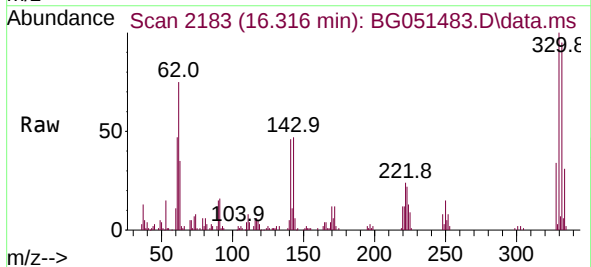


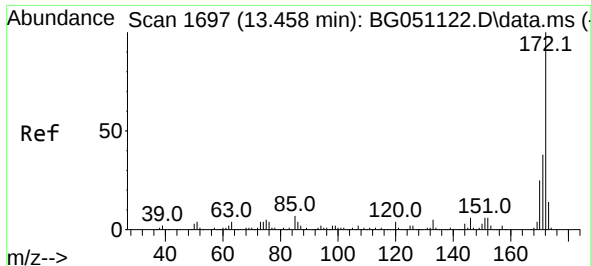
Tgt Ion:164 Resp: 80848
Ion Ratio Lower Upper
164 100
162 106.2 81.4 122.0
160 47.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 87.978 ng
RT: 16.316 min Scan# 2183
Delta R.T. -0.015 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

Tgt Ion:330 Resp: 75600
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 50.1 35.6 53.4

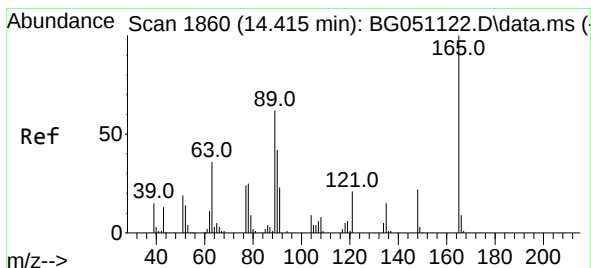
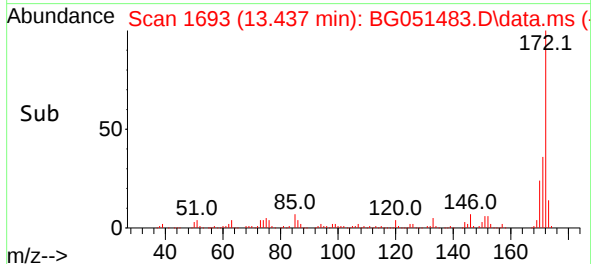
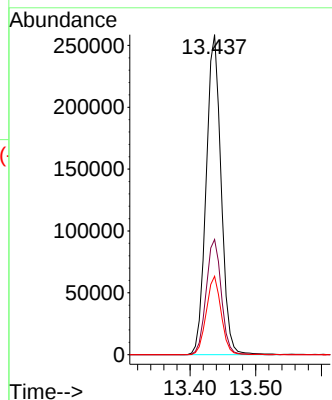
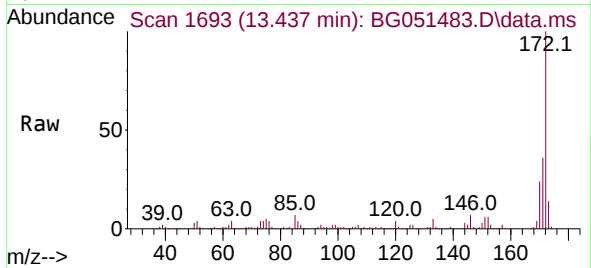




#45
2-Fluorobiphenyl
Concen: 76.506 ng
RT: 13.437 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

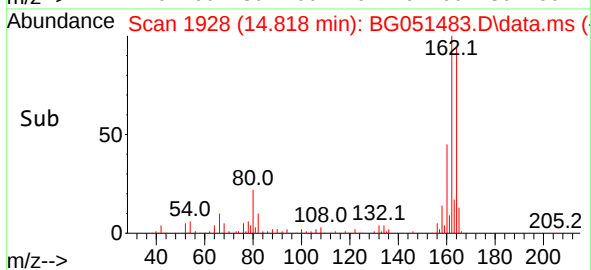
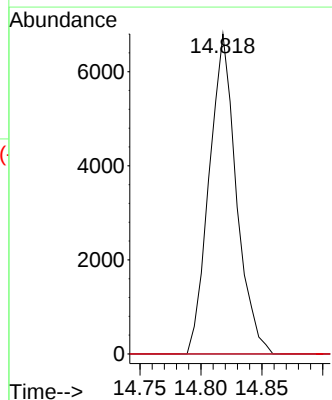
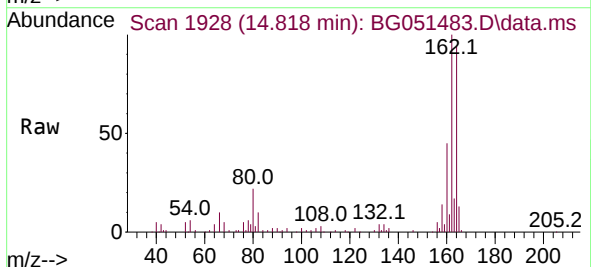
Instrument :
BNA_G
ClientSampleId :

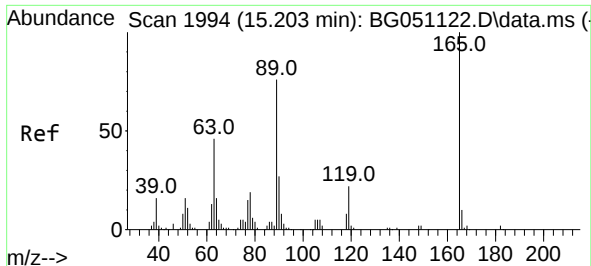
Tgt Ion:172 Resp: 409905
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.101 ng
RT: 14.818 min Scan# 1928
Delta R.T. 0.403 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

Tgt Ion:165 Resp: 10539
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: 5.656 ng

RT: 14.818 min Scan# 1994

Delta R.T. -0.385 min

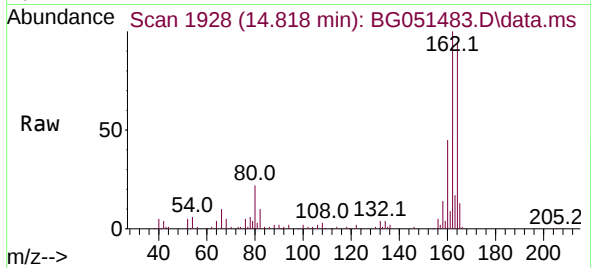
Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 10539

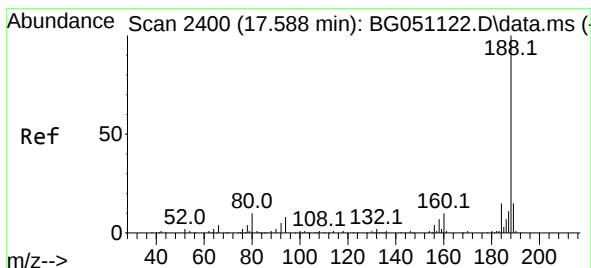
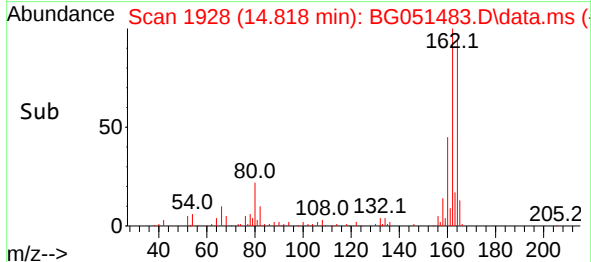
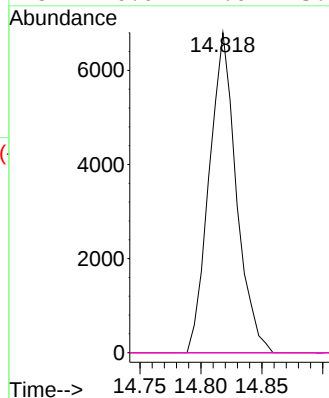
Ion Ratio Lower Upper

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: 17.568 min Scan# 2396

Delta R.T. -0.020 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

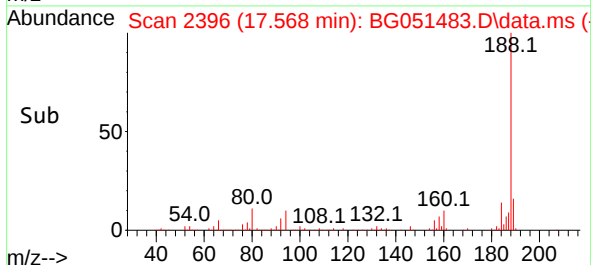
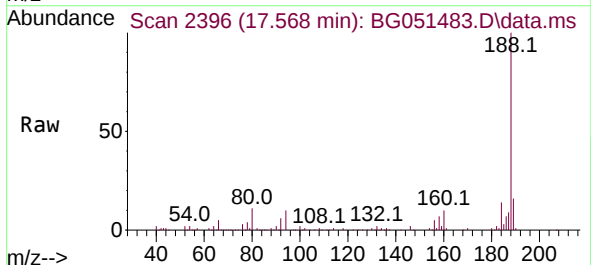
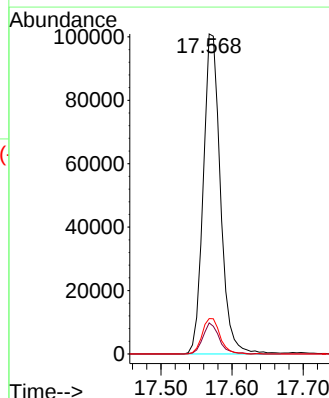
Tgt Ion:188 Resp: 169498

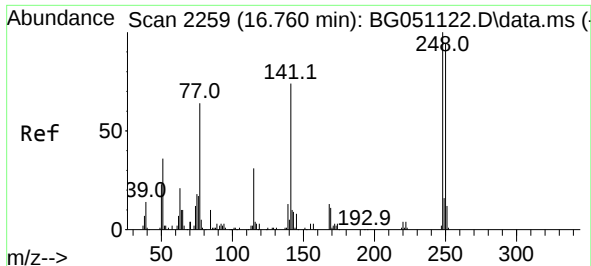
Ion Ratio Lower Upper

188 100

94 9.7 5.4 8.0#

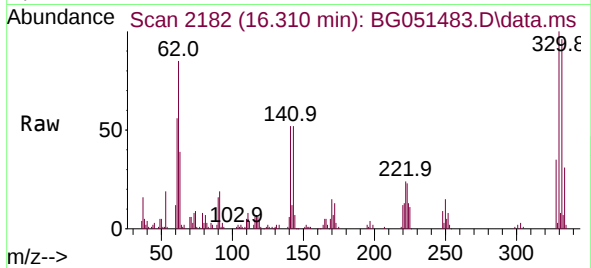
80 11.0 3.7 5.5#



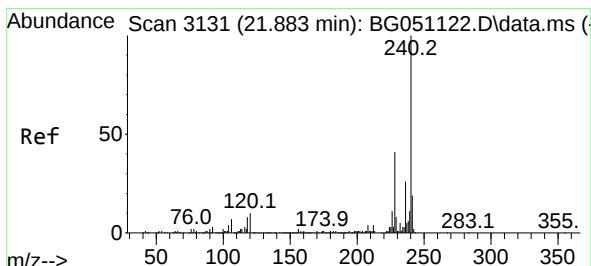
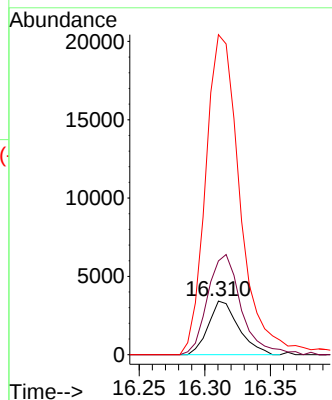
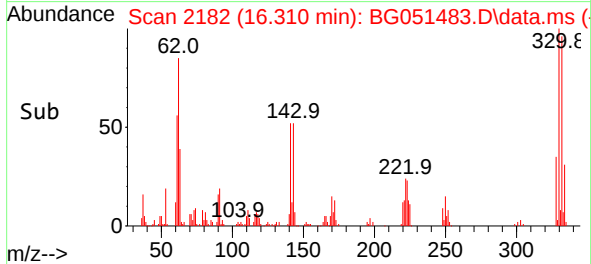


#67
4-Bromophenyl-phenylether
Concen: 3.002 ng
RT: 16.310 min Scan# 2182
Delta R.T. -0.449 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

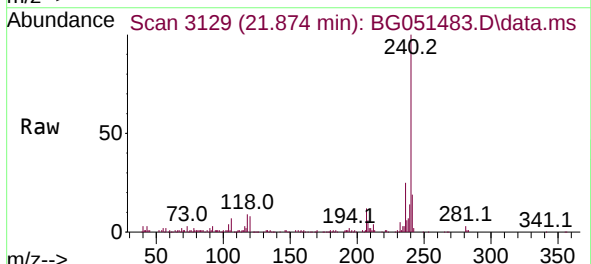
Instrument :
BNA_G
ClientSampleId :



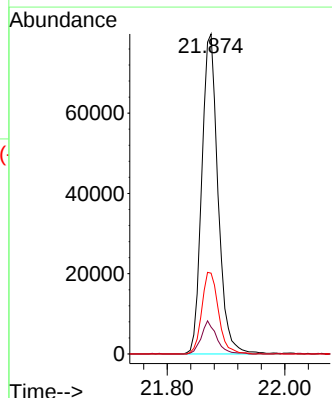
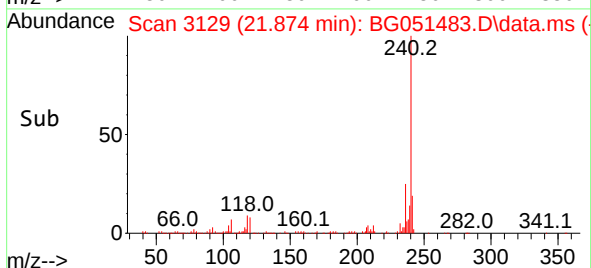
Tgt Ion:248 Resp: 5503
Ion Ratio Lower Upper
248 100
250 175.0 76.1 114.1#
141 597.1 65.4 98.2#

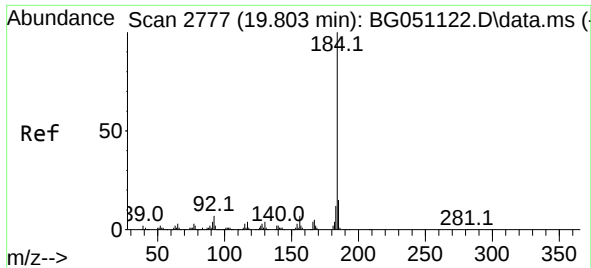


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.874 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20



Tgt Ion:240 Resp: 152490
Ion Ratio Lower Upper
240 100
120 8.4 4.2 6.2#
236 25.2 21.8 32.6

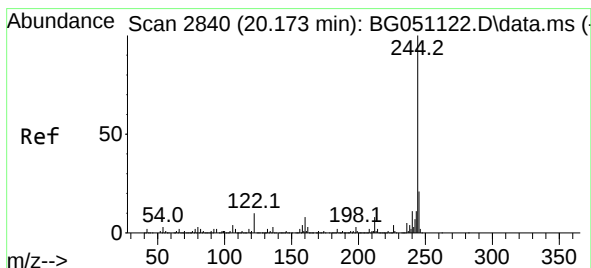
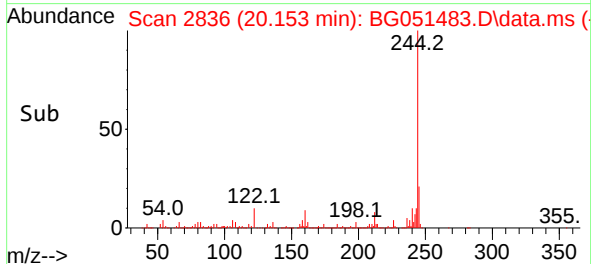
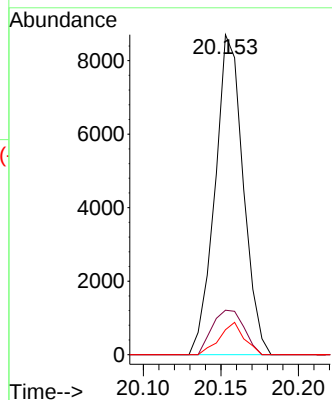
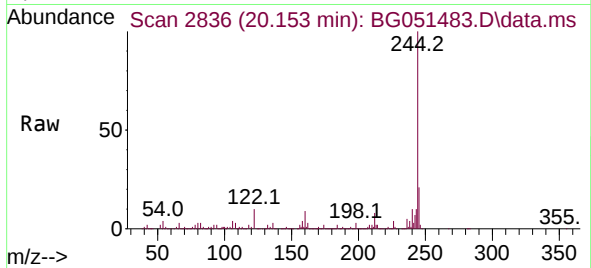




#77
Benzidine
Concen: 4.391 ng
RT: 20.153 min Scan# 2836
Delta R.T. 0.350 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

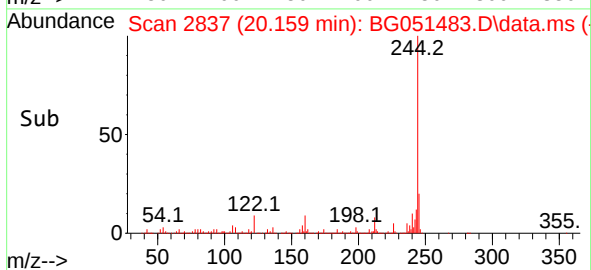
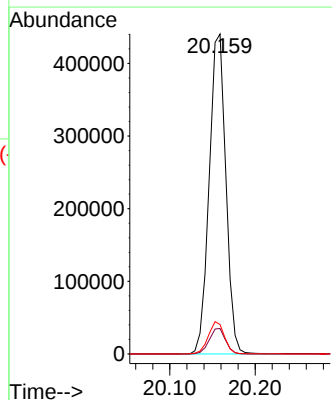
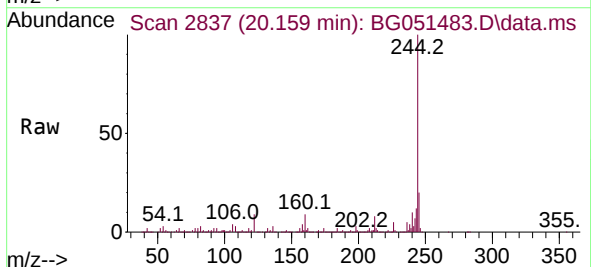
Instrument :
BNA_G
ClientSampleId :

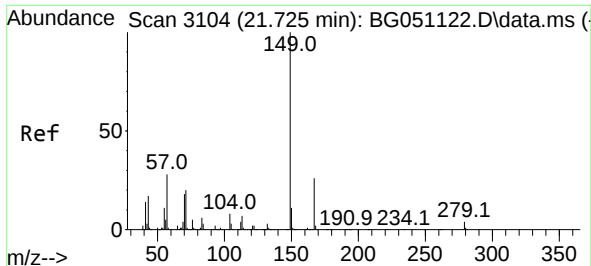
Tgt Ion:184 Resp: 10995
Ion Ratio Lower Upper
184 100
185 13.9 10.7 16.1
183 7.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 71.688 ng
RT: 20.159 min Scan# 2837
Delta R.T. -0.015 min
Lab File: BG051483.D
Acq: 11 Dec 2021 17:20

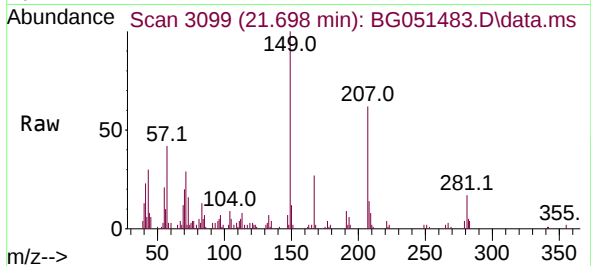
Tgt Ion:244 Resp: 597983
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 9.2 5.0 7.6#



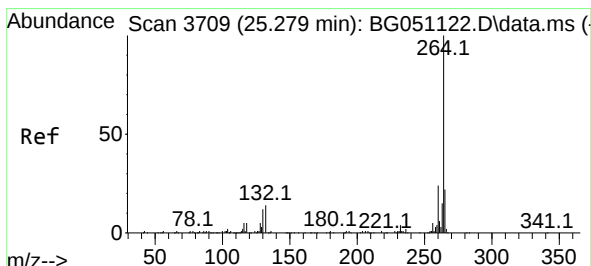
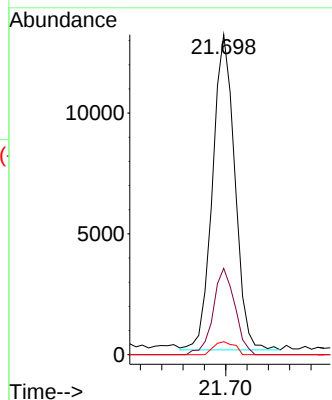
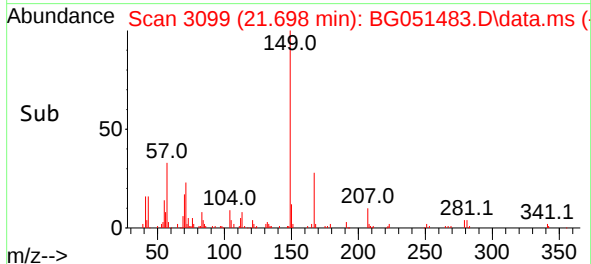


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.883 ng
 RT: 21.698 min Scan# 3099
 Delta R.T. -0.026 min
 Lab File: BG051483.D
 Acq: 11 Dec 2021 17:20

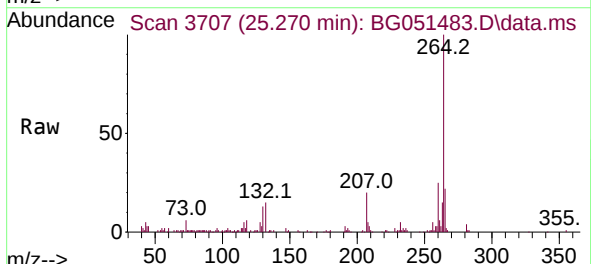
Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:149 Resp: 18932
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.3 33.5
 279 4.0 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.270 min Scan# 3707
 Delta R.T. -0.009 min
 Lab File: BG051483.D
 Acq: 11 Dec 2021 17:20



Tgt Ion:264 Resp: 149520
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 22.4 16.9 25.3

