

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051485.D
 Acq On : 11 Dec 2021 18:43
 Operator : CG/JU
 Sample : M4965-35
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 22:55:15 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)

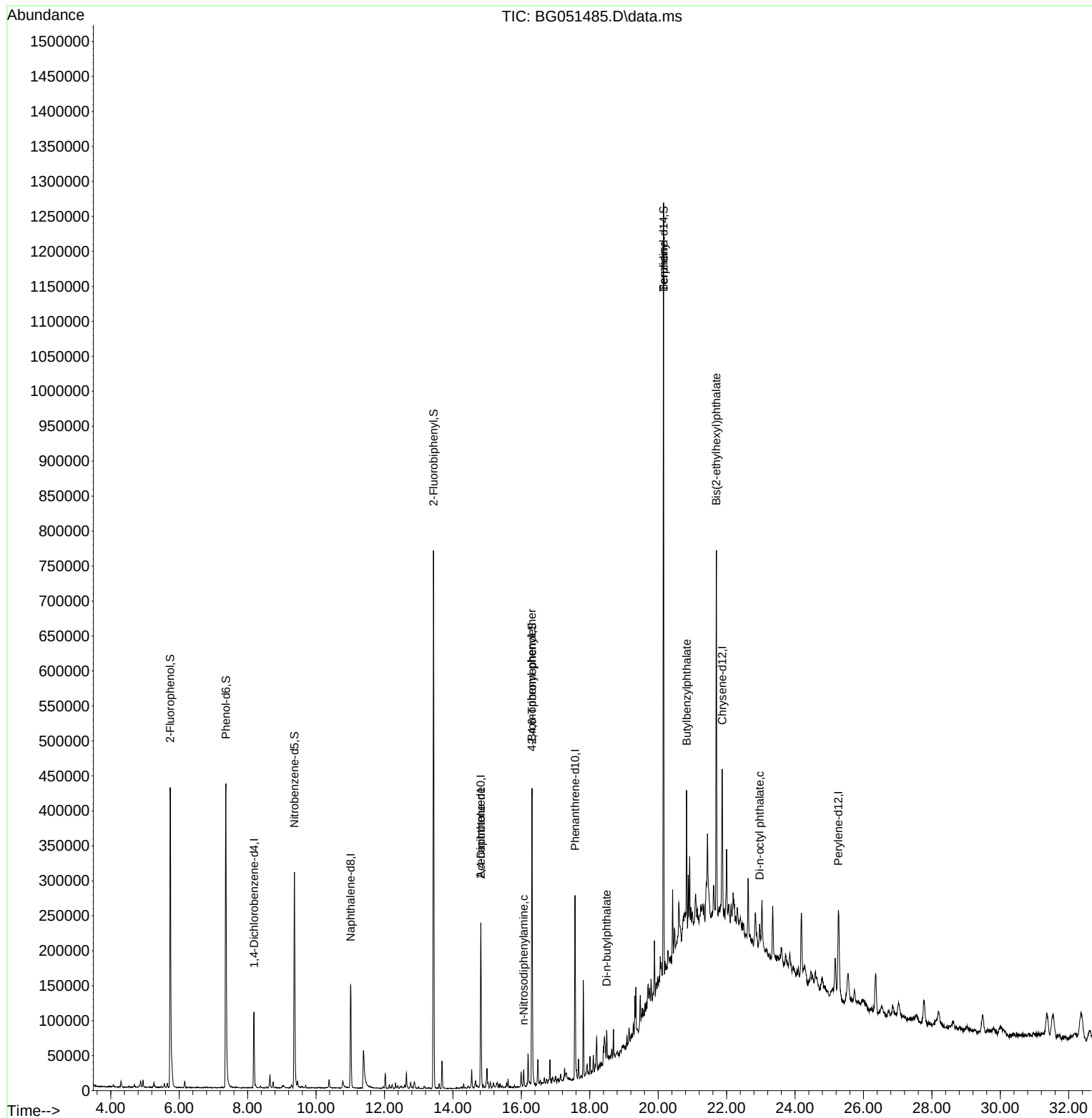
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	30415	20.000	ng	-0.02
21) Naphthalene-d8	11.008	136	132718	20.000	ng	#-0.03
39) Acenaphthene-d10	14.815	164	82669	20.000	ng	-0.02
64) Phenanthrene-d10	17.571	188	165147	20.000	ng	#-0.02
76) Chrysene-d12	21.872	240	137673	20.000	ng	#-0.01
86) Perylene-d12	25.268	264	138581	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	212654	108.082	ng	0.00
7) Phenol-d6	7.365	99	282929	102.097	ng	0.00
23) Nitrobenzene-d5	9.369	82	208149	71.593	ng	-0.02
42) 2,4,6-Tribromophenol	16.313	330	70005	79.672	ng	-0.02
45) 2-Fluorobiphenyl	13.434	172	386855	70.613	ng	-0.02
79) Terphenyl-d14	20.156	244	507715	67.417	ng	-0.02
Target Compounds						
						Qvalue
57) 2,4-Dinitrotoluene	14.815	165	10820	5.678	ng	# 15
66) n-Nitrosodiphenylamine	16.067	169	10570	2.230	ng	93
67) 4-Bromophenyl-phenylether	16.308	248	5381	3.013	ng	# 1
74) Di-n-butylphthalate	18.493	149	28270	2.696	ng	# 98
77) Benzidine	20.156	184	9610	4.251	ng	# 86
80) Butylbenzylphthalate	20.832	149	59083	13.881	ng	97
84) Bis(2-ethylhexyl)phtha...	21.701	149	218738	36.891	ng	95
85) Di-n-octyl phthalate	22.964	149	30219	3.042	ng	# 86

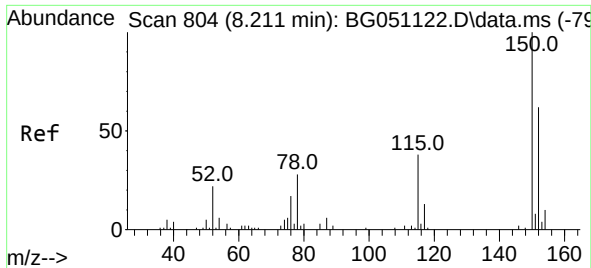
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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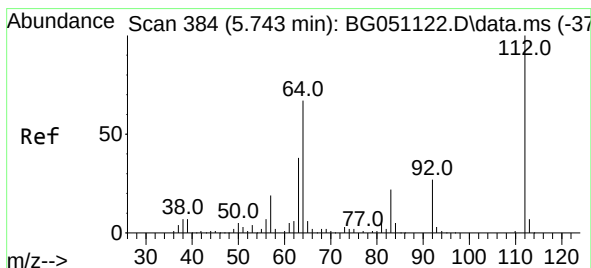
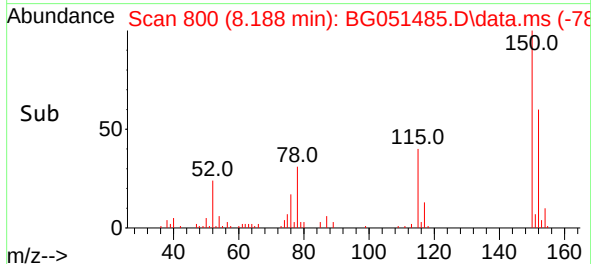
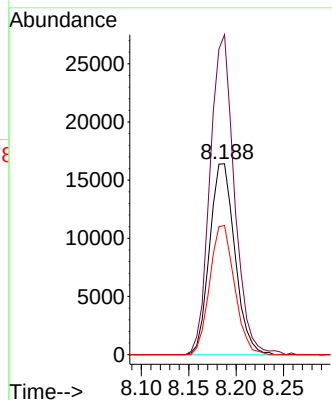
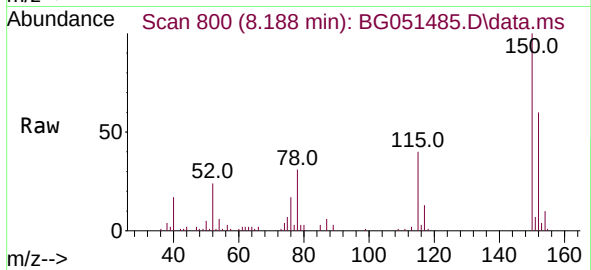




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.188 min Scan# 804
Delta R.T. -0.023 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

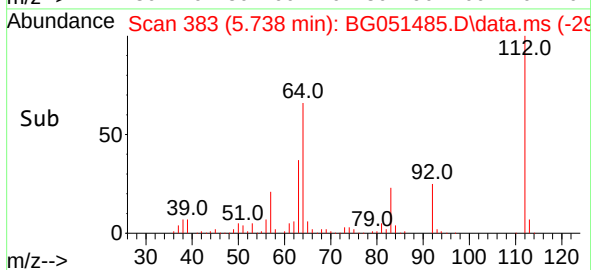
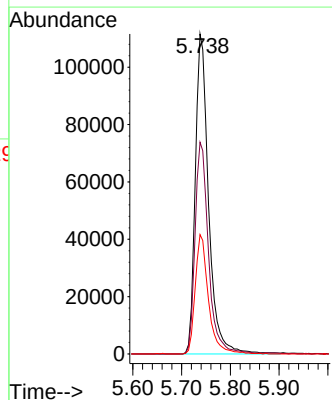
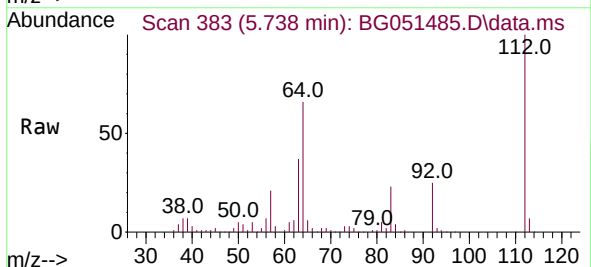
Instrument :
BNA_G
ClientSampleId :

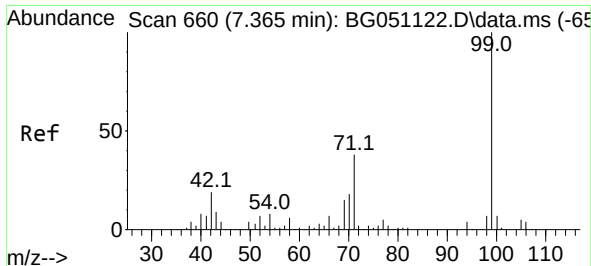
Tgt Ion:152 Resp: 30415
Ion Ratio Lower Upper
152 100
150 167.7 119.4 179.0
115 67.8 60.2 90.4



#5
2-Fluorophenol
Concen: 108.082 ng
RT: 5.738 min Scan# 383
Delta R.T. -0.006 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

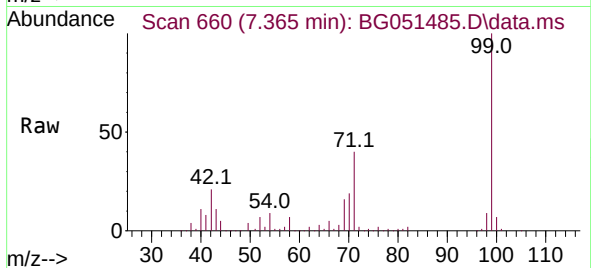
Tgt Ion:112 Resp: 212654
Ion Ratio Lower Upper
112 100
64 66.1 46.7 70.1
63 37.3 35.3 52.9



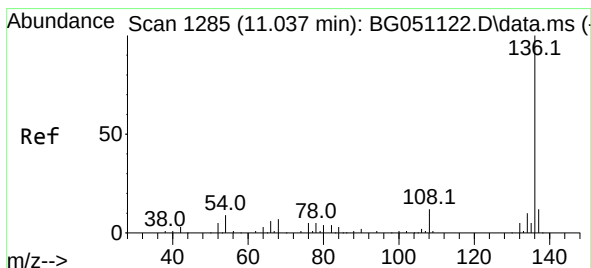
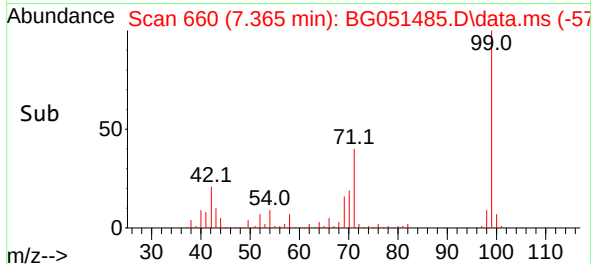
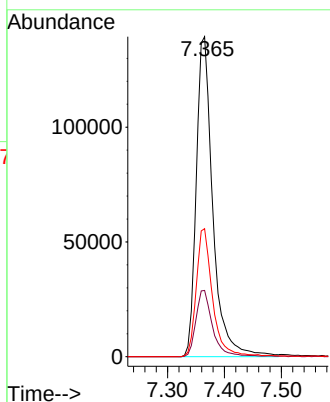


#7
Phenol-d6
Concen: 102.097 ng
RT: 7.365 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

Instrument :
BNA_G
ClientSampleId :

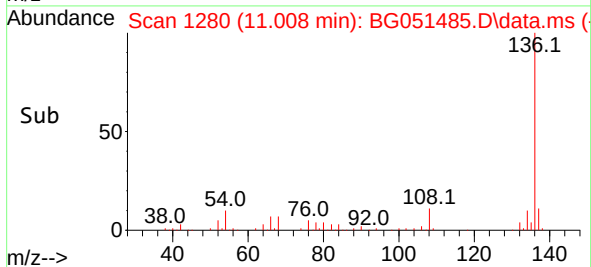
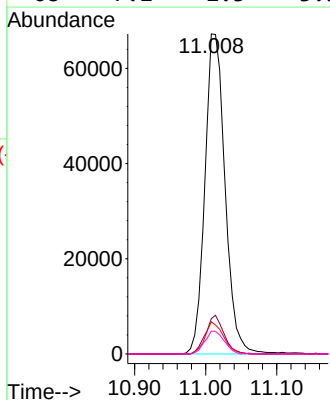
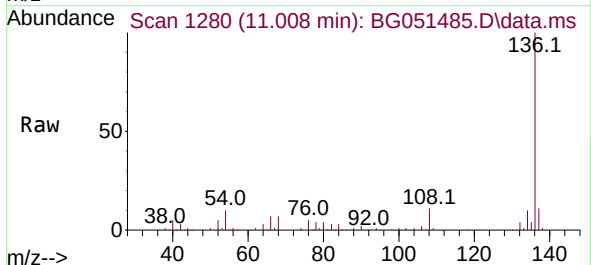


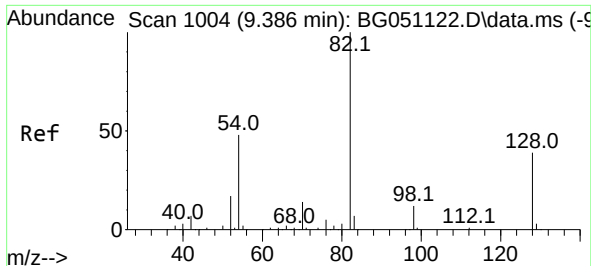
Tgt Ion: 99 Resp: 282929
Ion Ratio Lower Upper
99 100
42 20.7 20.5 30.7
71 40.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.008 min Scan# 1280
Delta R.T. -0.029 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

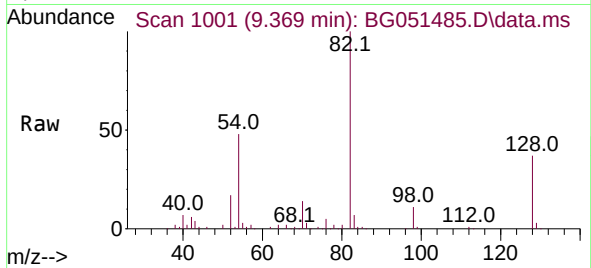
Tgt Ion: 136 Resp: 132718
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 10.1 5.5 8.3#
68 7.2 2.3 3.5#



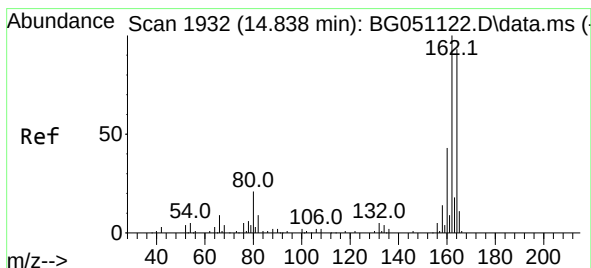
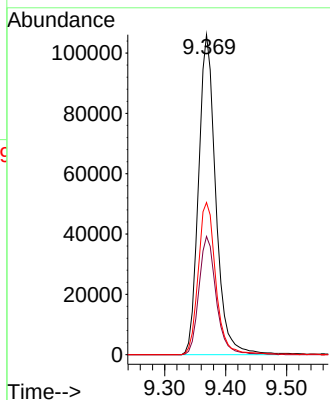
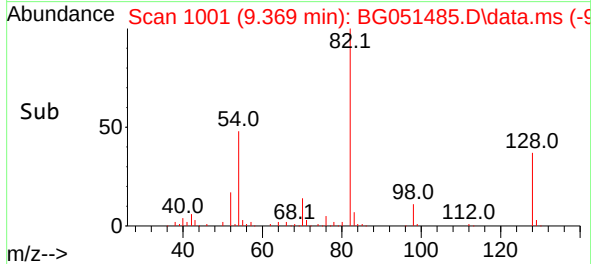


#23
Nitrobenzene-d5
Concen: 71.593 ng
RT: 9.369 min Scan# 1001
Delta R.T. -0.017 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

Instrument :
BNA_G
ClientSampleId :

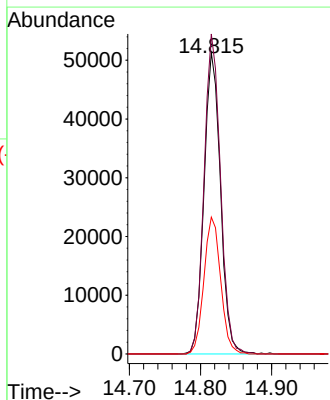
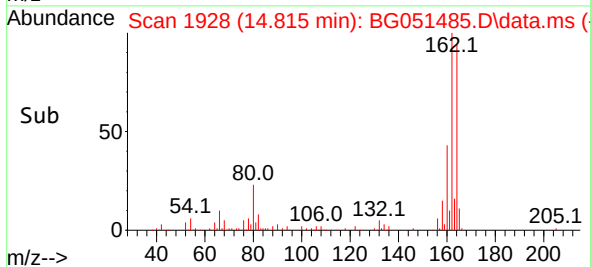
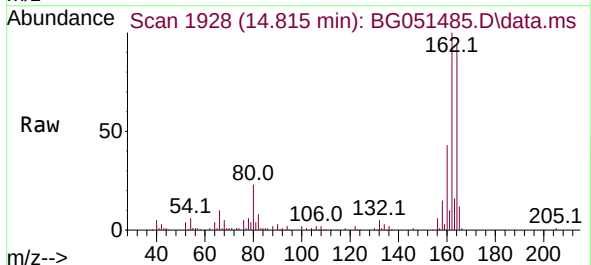


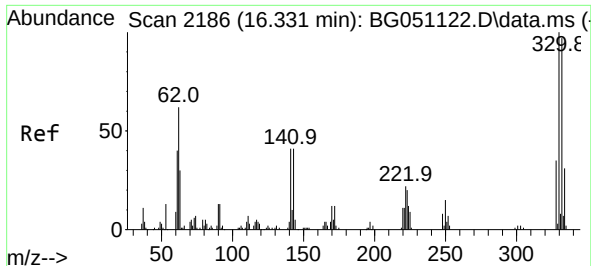
Tgt Ion: 82 Resp: 208149
Ion Ratio Lower Upper
82 100
128 37.0 29.8 44.6
54 47.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.815 min Scan# 1928
Delta R.T. -0.023 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

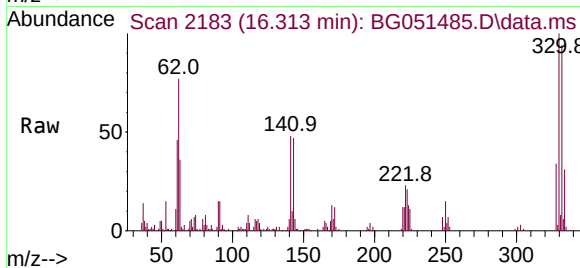
Tgt Ion: 164 Resp: 82669
Ion Ratio Lower Upper
164 100
162 106.2 81.4 122.0
160 45.4 34.9 52.3



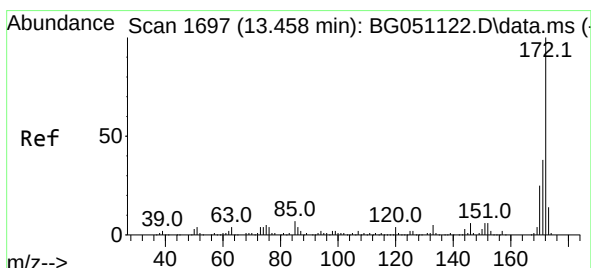
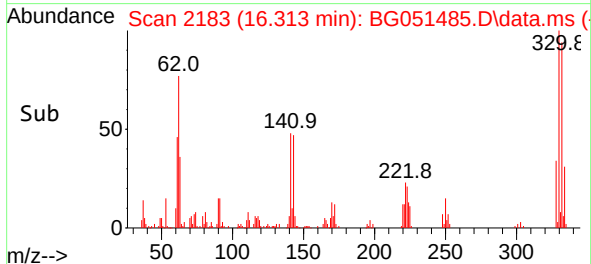
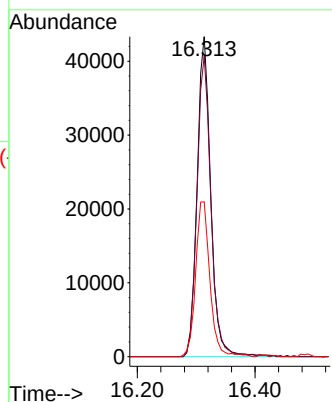


#42
2,4,6-Tribromophenol
Concen: 79.672 ng
RT: 16.313 min Scan# 2186
Delta R.T. -0.017 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

Instrument :
BNA_G
ClientSampleId :

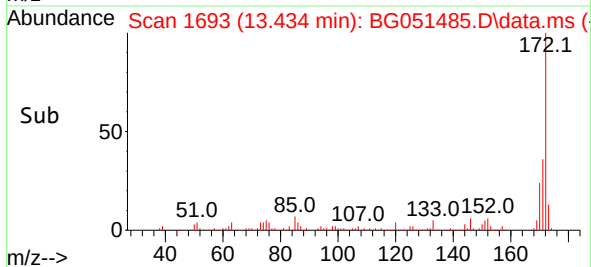
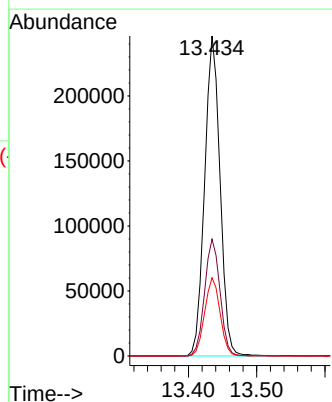
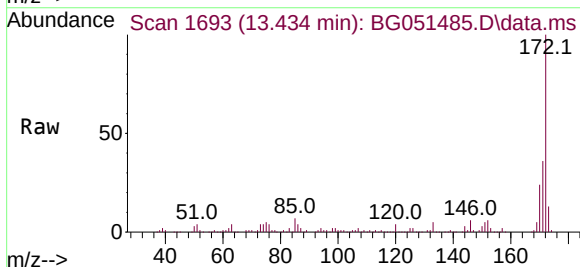


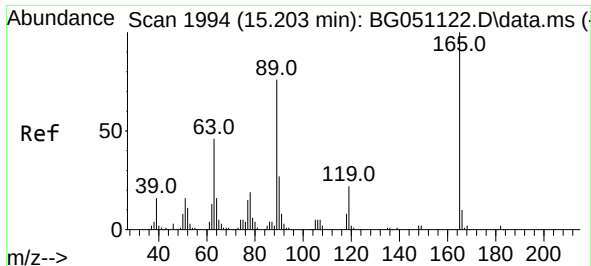
Tgt Ion:330 Resp: 70005
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 50.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 70.613 ng
RT: 13.434 min Scan# 1693
Delta R.T. -0.023 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

Tgt Ion:172 Resp: 386855
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.5 18.6 27.8





#57

2,4-Dinitrotoluene

Concen: 5.678 ng

RT: 14.815 min Scan# 1994

Delta R.T. -0.388 min

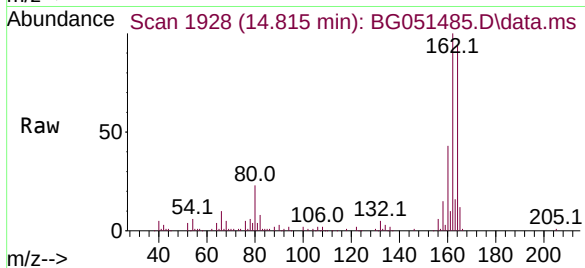
Lab File: BG051485.D

Acq: 11 Dec 2021 18:43

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 10820

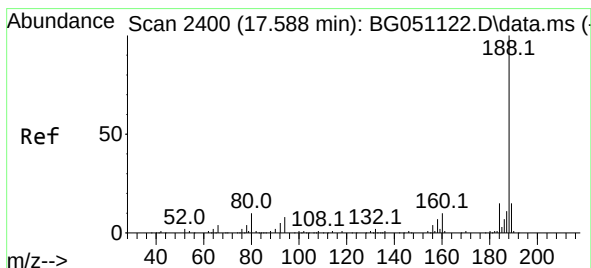
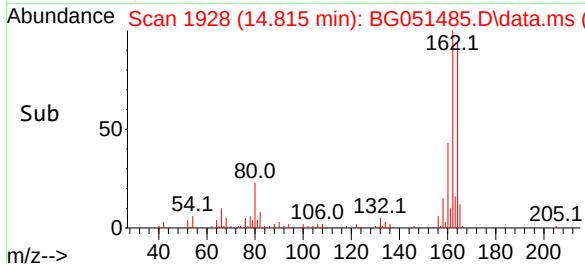
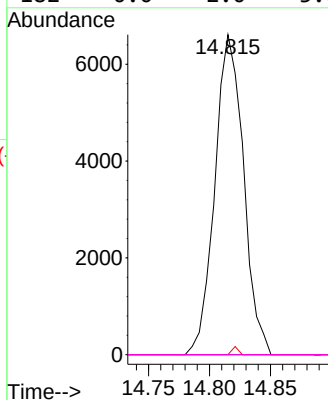
Ion Ratio Lower Upper

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: 17.571 min Scan# 2397

Delta R.T. -0.017 min

Lab File: BG051485.D

Acq: 11 Dec 2021 18:43

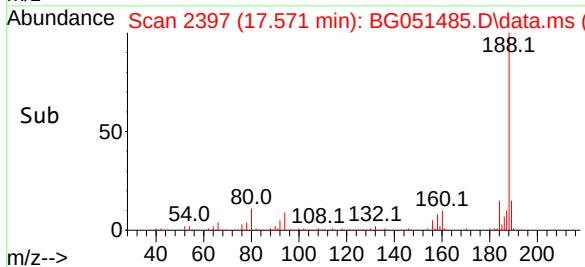
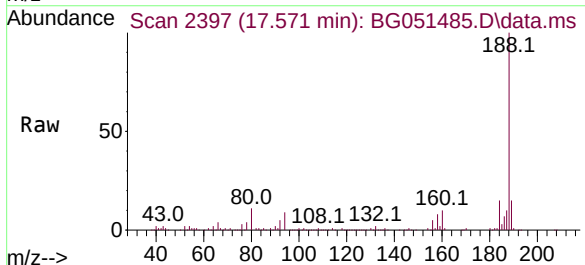
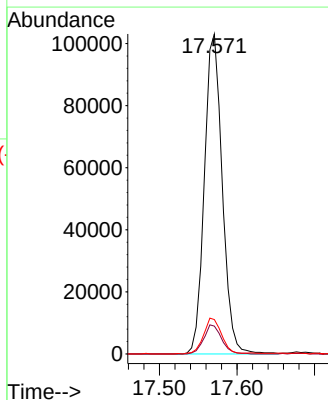
Tgt Ion:188 Resp: 165147

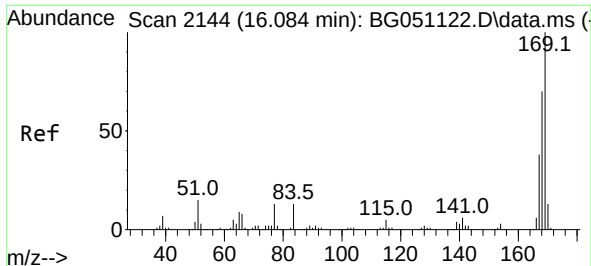
Ion Ratio Lower Upper

188 100

94 8.7 5.4 8.0#

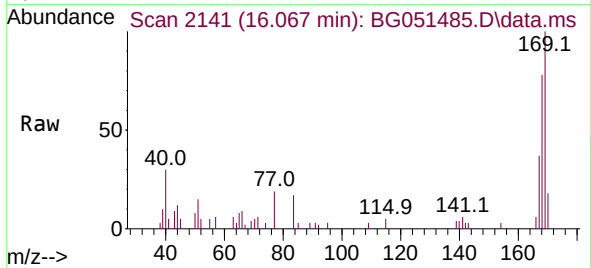
80 10.8 3.7 5.5#



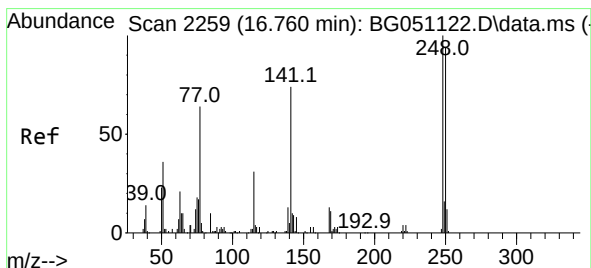
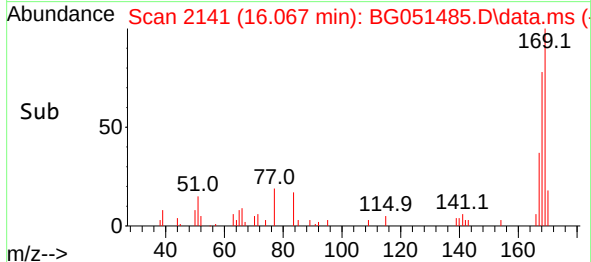
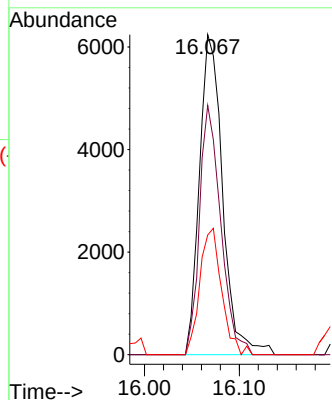


#66
 n-Nitrosodiphenylamine
 Concen: 2.230 ng
 RT: 16.067 min Scan# 2144
 Delta R.T. -0.017 min
 Lab File: BG051485.D
 Acq: 11 Dec 2021 18:43

Instrument :
 BNA_G
 ClientSampleId :

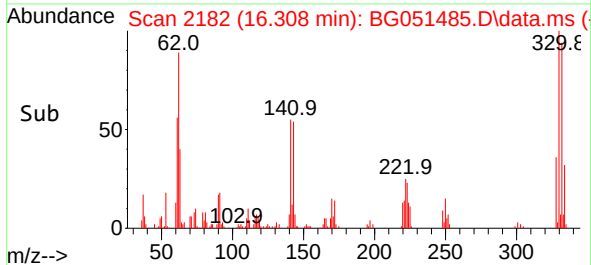
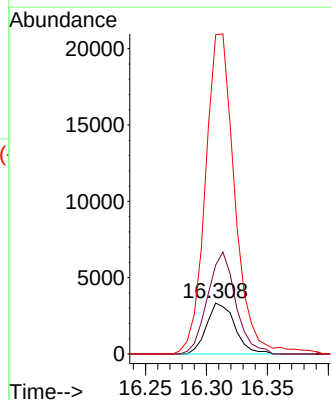
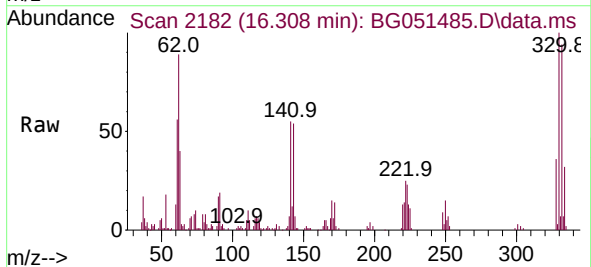


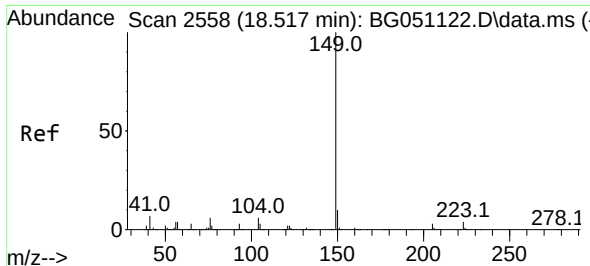
Tgt Ion:169 Resp: 10570
 Ion Ratio Lower Upper
 169 100
 168 77.9 56.3 84.5
 167 37.4 28.4 42.6



#67
 4-Bromophenyl-phenylether
 Concen: 3.013 ng
 RT: 16.308 min Scan# 2182
 Delta R.T. -0.452 min
 Lab File: BG051485.D
 Acq: 11 Dec 2021 18:43

Tgt Ion:248 Resp: 5381
 Ion Ratio Lower Upper
 248 100
 250 174.8 76.1 114.1#
 141 627.5 65.4 98.2#

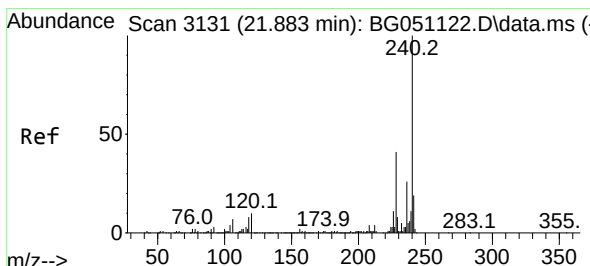
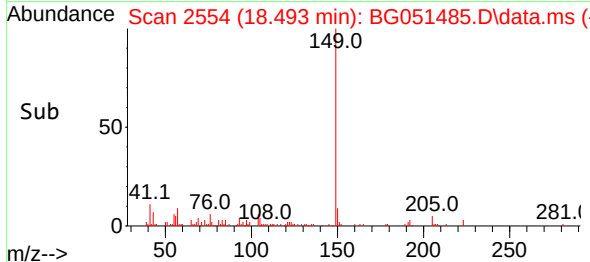
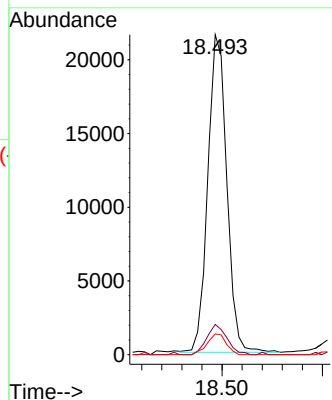
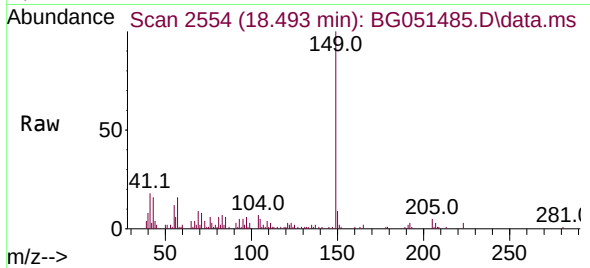




#74
Di-n-butylphthalate
Concen: 2.696 ng
RT: 18.493 min Scan# 21
Delta R.T. -0.023 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

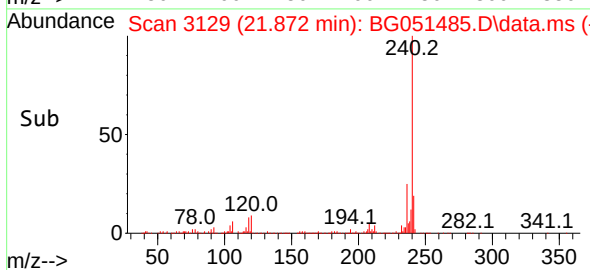
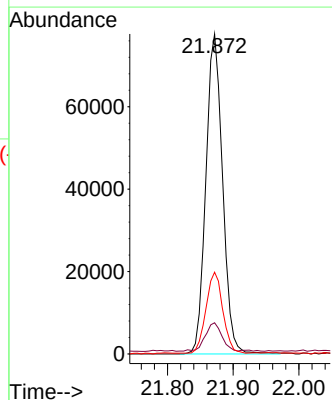
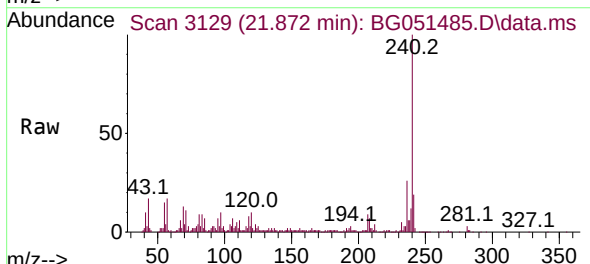
Instrument :
BNA_G
ClientSampleId :

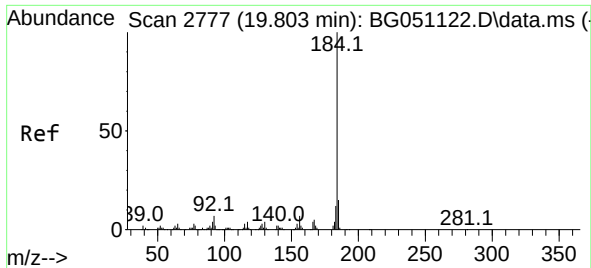
Tgt Ion:149 Resp: 28270
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 6.5 6.6 10.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.872 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

Tgt Ion:240 Resp: 137673
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 25.5 21.8 32.6

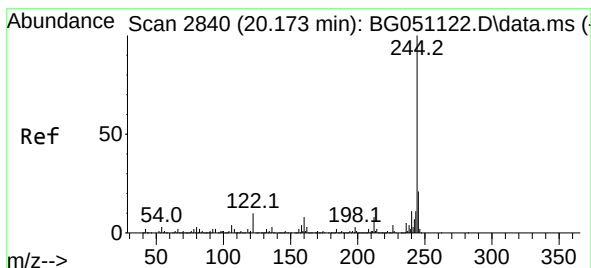
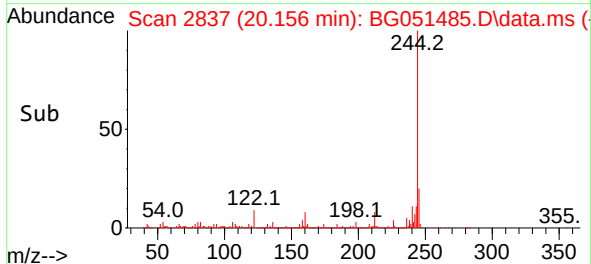
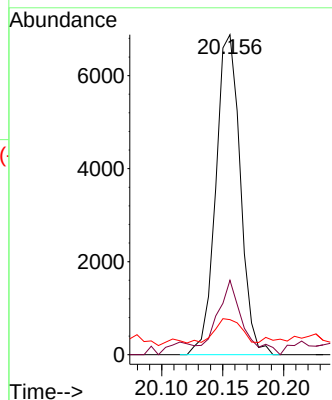
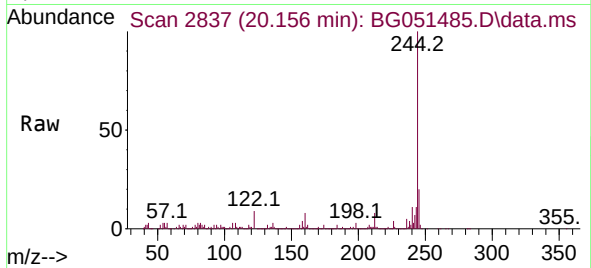




#77
Benzidine
Concen: 4.251 ng
RT: 20.156 min Scan# 2837
Delta R.T. 0.353 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

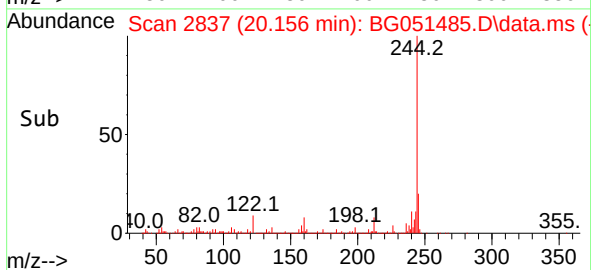
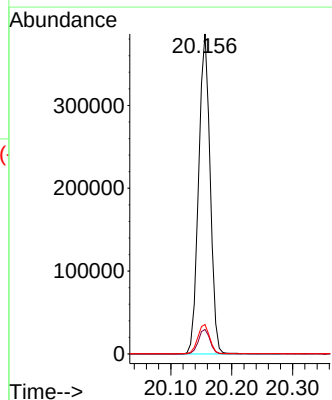
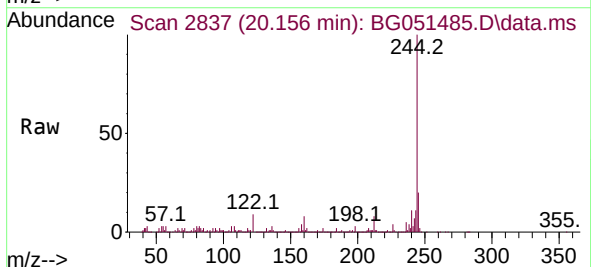
Instrument :
BNA_G
ClientSampleId :

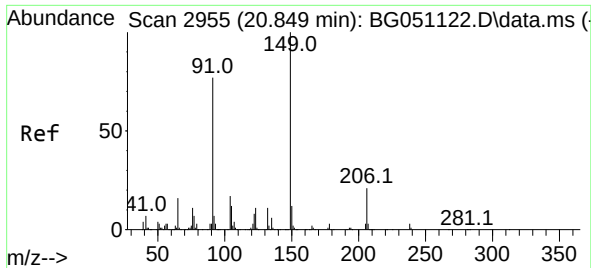
Tgt Ion:184 Resp: 9610
Ion Ratio Lower Upper
184 100
185 23.3 10.7 16.1#
183 10.9 9.4 14.0



#79
Terphenyl-d14
Concen: 67.417 ng
RT: 20.156 min Scan# 2837
Delta R.T. -0.017 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

Tgt Ion:244 Resp: 507715
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 9.2 5.0 7.6#

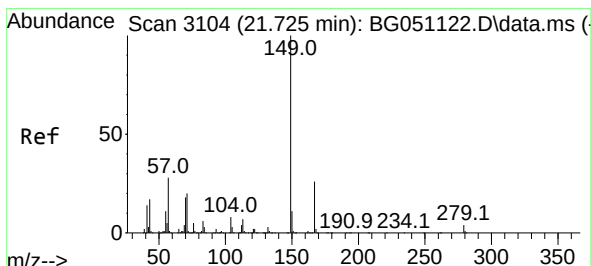
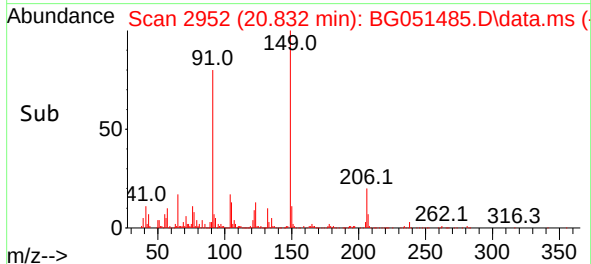
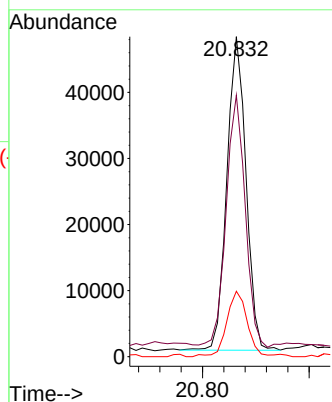
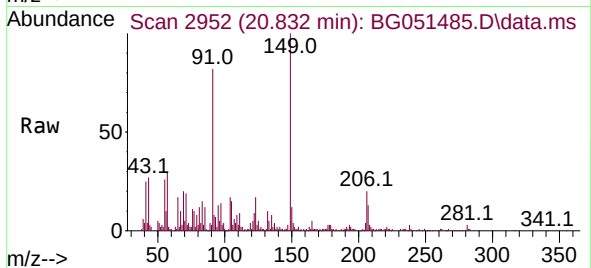




#80
 Butylbenzylphthalate
 Concen: 13.881 ng
 RT: 20.832 min Scan# 2955
 Delta R.T. -0.017 min
 Lab File: BG051485.D
 Acq: 11 Dec 2021 18:43

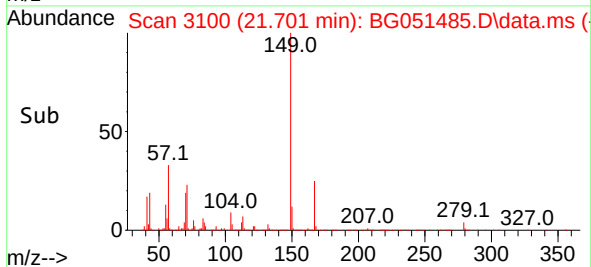
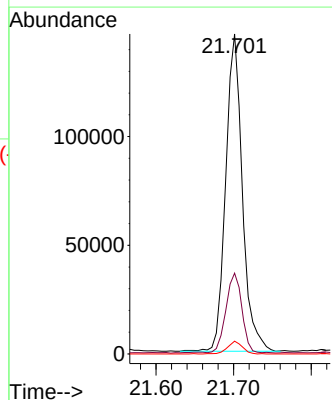
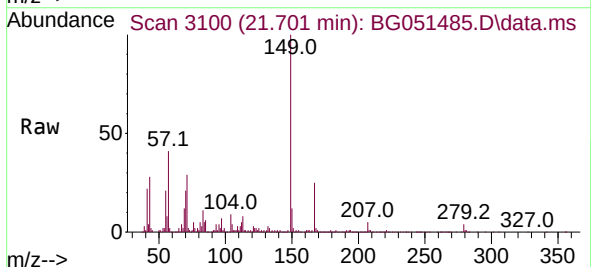
Instrument :
 BNA_G
 ClientSampleId :

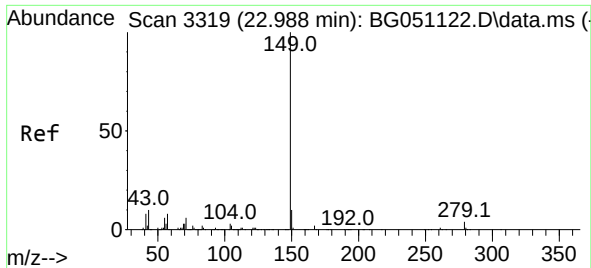
Tgt Ion:	149	Resp:	59083
Ion	Ratio	Lower	Upper
149	100		
91	81.7	63.4	95.2
206	20.5	18.4	27.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.891 ng
 RT: 21.701 min Scan# 3100
 Delta R.T. -0.023 min
 Lab File: BG051485.D
 Acq: 11 Dec 2021 18:43

Tgt Ion:	149	Resp:	218738
Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.3	33.5
279	4.0	3.8	5.8

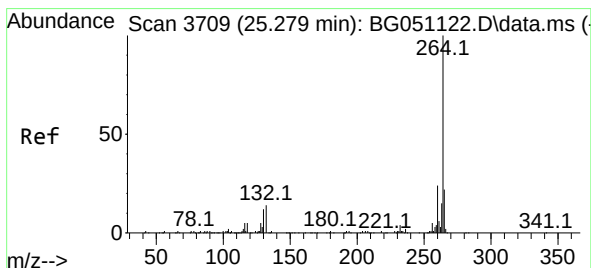
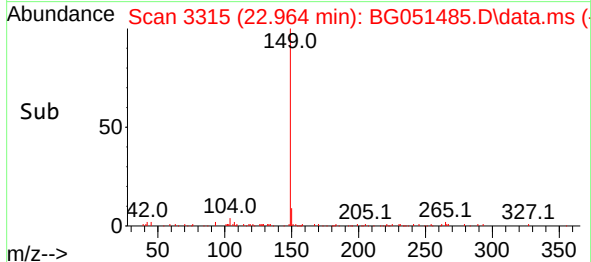
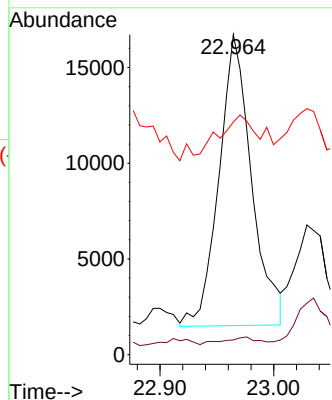
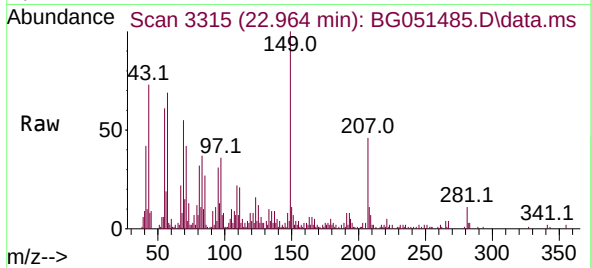




#85
Di-n-octyl phthalate
Concen: 3.042 ng
RT: 22.964 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 30219
Ion Ratio Lower Upper
149 100
167 3.1 1.4 2.2#
43 16.5 8.6 12.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.268 min Scan# 3707
Delta R.T. -0.011 min
Lab File: BG051485.D
Acq: 11 Dec 2021 18:43

Tgt Ion:264 Resp: 138581
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 20.8 16.9 25.3

