

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051486.D
 Acq On : 11 Dec 2021 19:24
 Operator : CG/JU
 Sample : M4965-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 22:55:27 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)

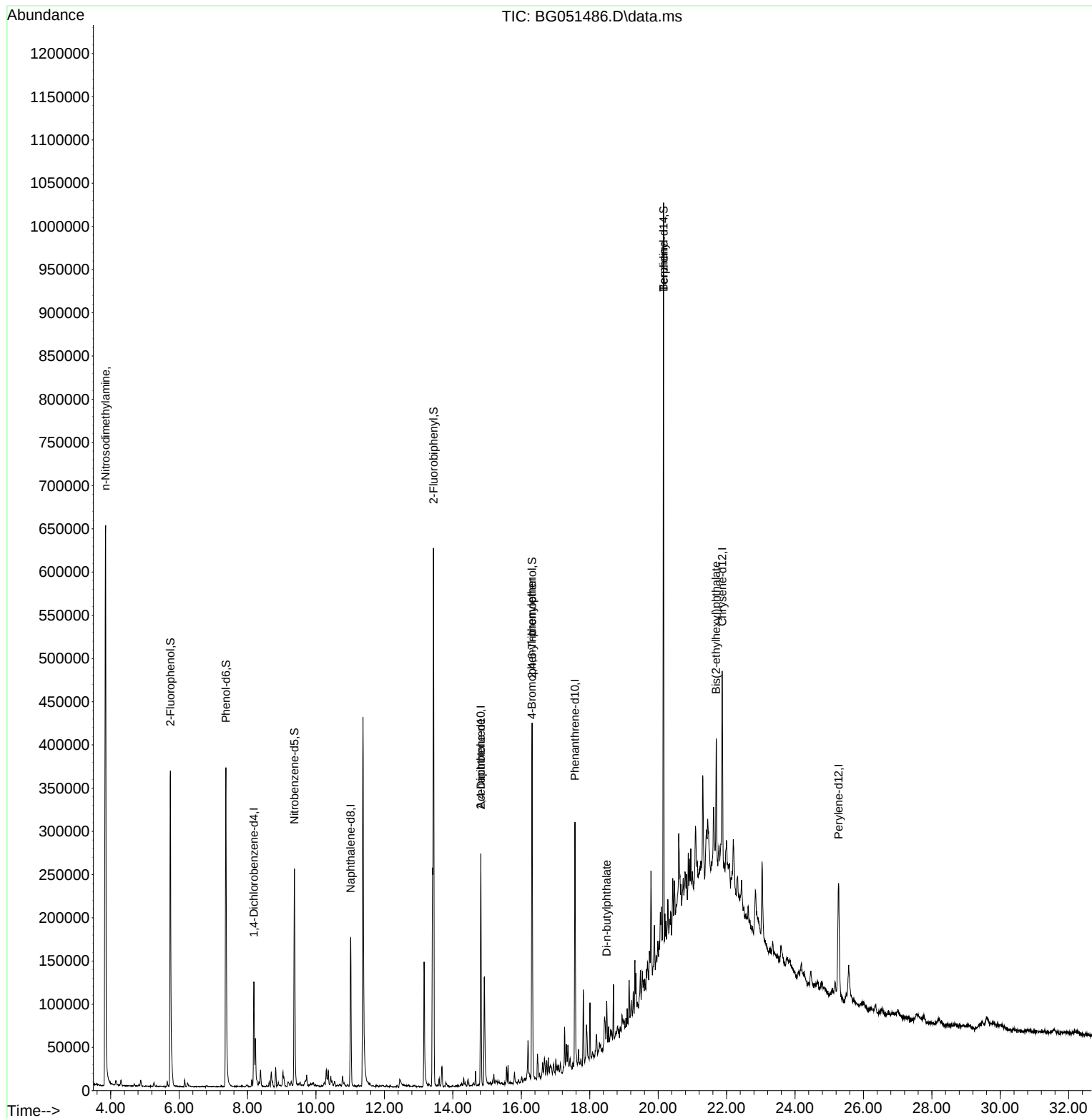
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.182	152	34867	20.000	ng	-0.03
21) Naphthalene-d8	11.014	136	149702	20.000	ng	#-0.02
39) Acenaphthene-d10	14.815	164	92019	20.000	ng	-0.02
64) Phenanthrene-d10	17.565	188	175557	20.000	ng	#-0.02
76) Chrysene-d12	21.872	240	141460	20.000	ng	#-0.01
86) Perylene-d12	25.274	264	146331	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	179806	79.718	ng	0.00
7) Phenol-d6	7.365	99	239633	75.432	ng	0.00
23) Nitrobenzene-d5	9.369	82	173341	52.857	ng	-0.02
42) 2,4,6-Tribromophenol	16.314	330	55536	56.783	ng	-0.02
45) 2-Fluorobiphenyl	13.435	172	311274	51.044	ng	-0.02
79) Terphenyl-d14	20.156	244	385403	49.806	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.846	42	30683	25.363	ng	# 1
57) 2,4-Dinitrotoluene	14.815	165	11811	5.569	ng	# 18
67) 4-Bromophenyl-phenylether	16.308	248	4400	2.317	ng	# 1
74) Di-n-butylphthalate	18.493	149	32584	2.923	ng	# 95
77) Benzidine	20.156	184	7343	3.161	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.696	149	52076	8.548	ng	100

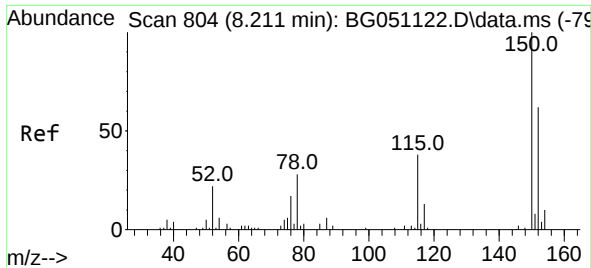
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

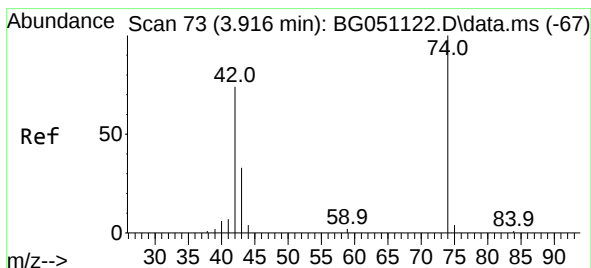
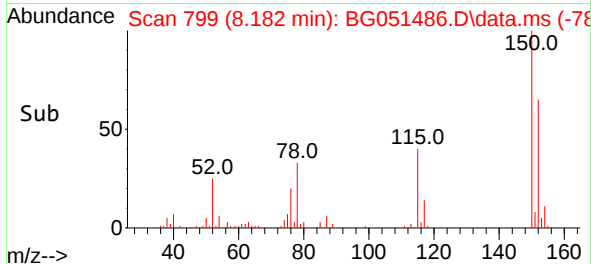
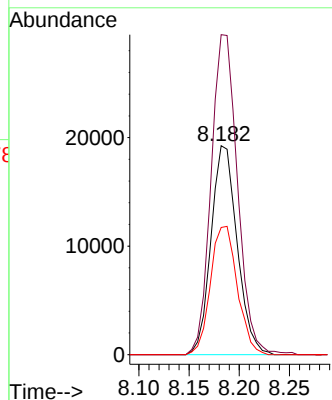
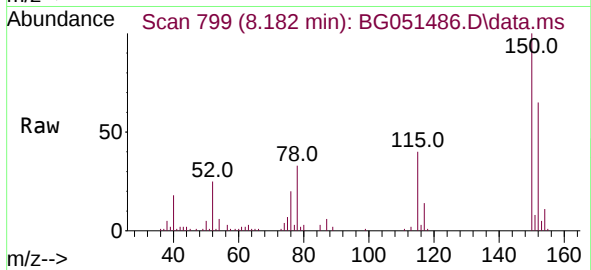




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.182 min Scan# 79
Delta R.T. -0.029 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

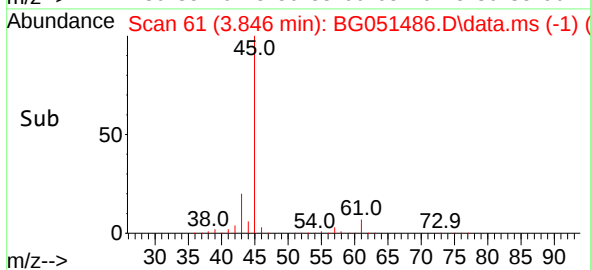
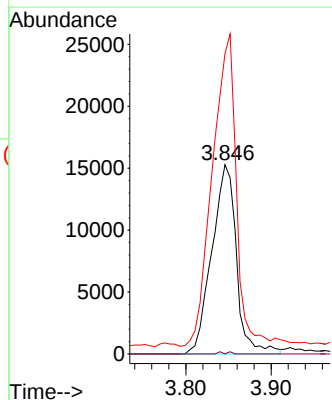
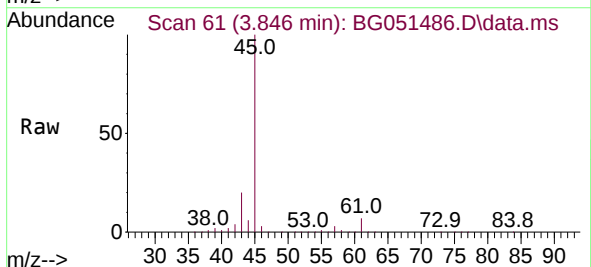
Instrument :
BNA_G
ClientSampleId :

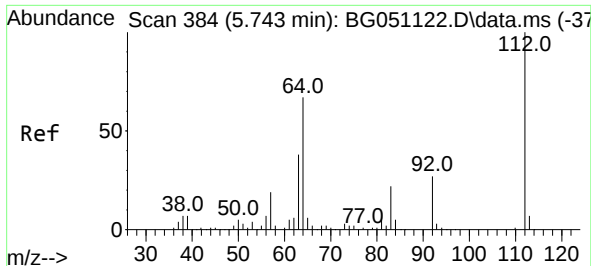
Tgt Ion:152 Resp: 34867
Ion Ratio Lower Upper
152 100
150 153.2 119.4 179.0
115 60.9 60.2 90.4



#4
n-Nitrosodimethylamine
Concen: 25.363 ng
RT: 3.846 min Scan# 61
Delta R.T. -0.070 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

Tgt Ion: 42 Resp: 30683
Ion Ratio Lower Upper
42 100
74 0.0 64.0 96.0#
44 158.7 2.7 4.1#

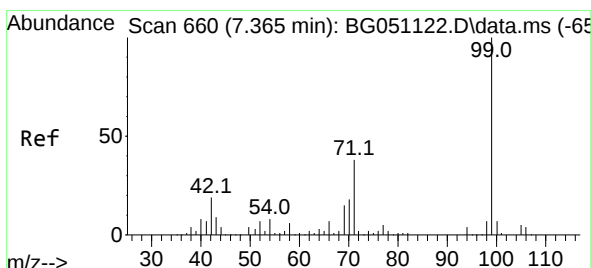
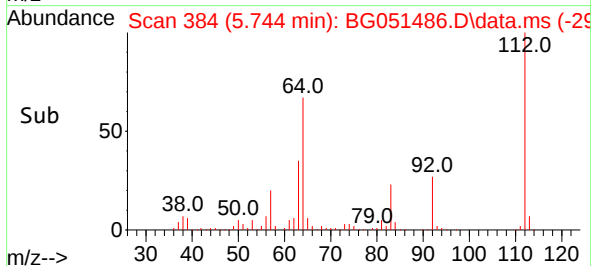
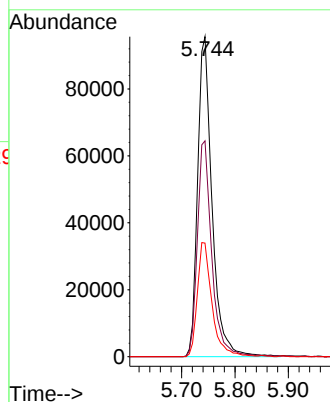
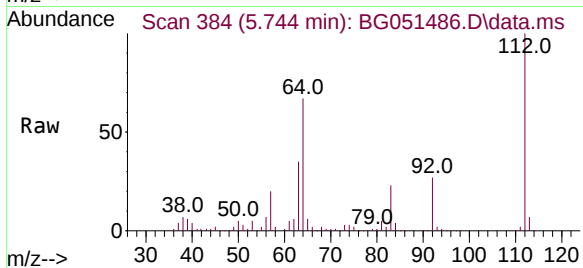




#5
2-Fluorophenol
Concen: 79.718 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.000 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

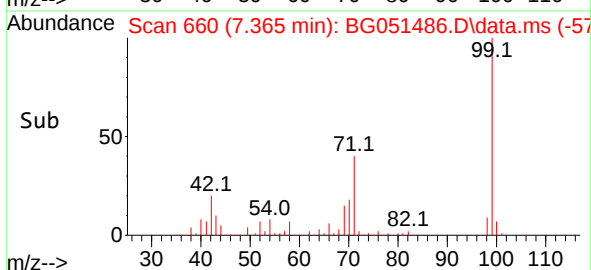
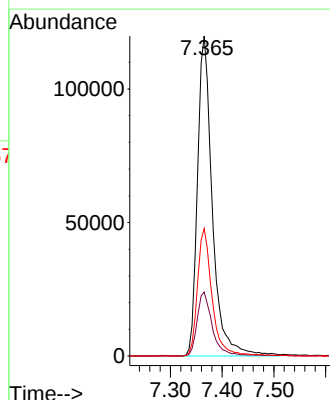
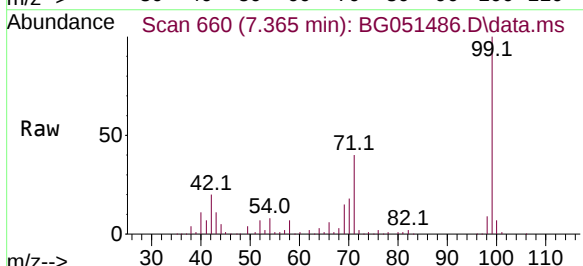
Instrument :
BNA_G
ClientSampleId :

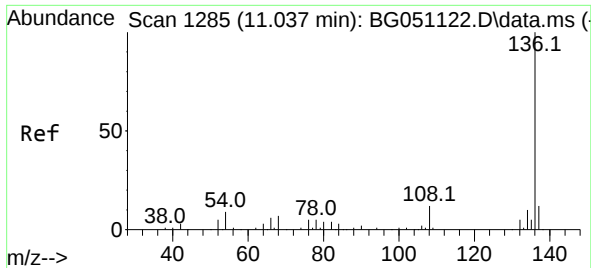
Tgt Ion:112 Resp: 179806
Ion Ratio Lower Upper
112 100
64 67.4 46.7 70.1
63 35.5 35.3 52.9



#7
Phenol-d6
Concen: 75.432 ng
RT: 7.365 min Scan# 660
Delta R.T. 0.000 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

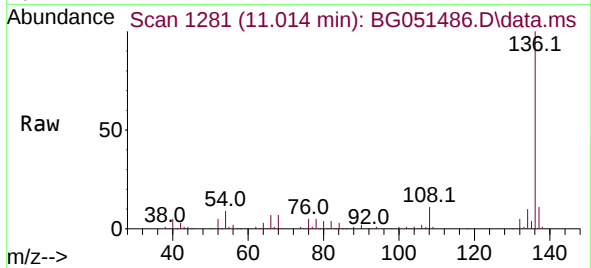
Tgt Ion: 99 Resp: 239633
Ion Ratio Lower Upper
99 100
42 20.0 20.5 30.7#
71 39.8 41.5 62.3#



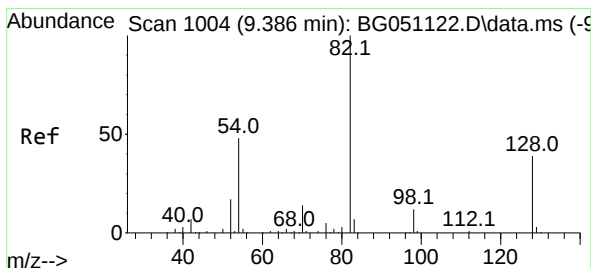
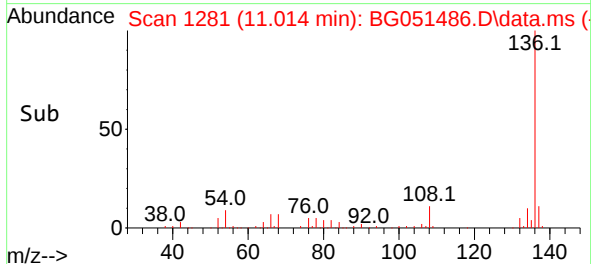
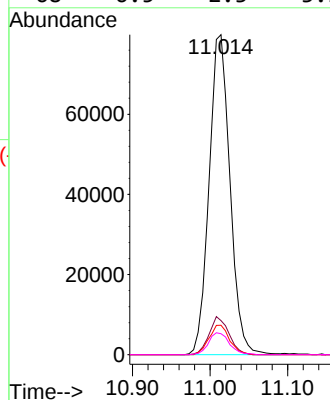


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.014 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

Instrument :
BNA_G
ClientSampleId :

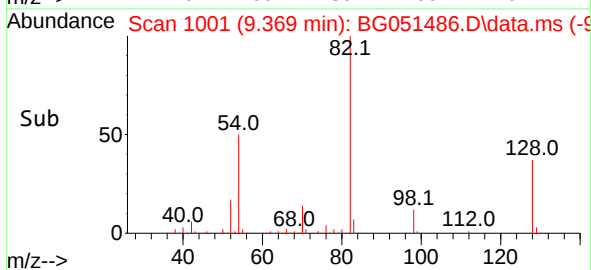
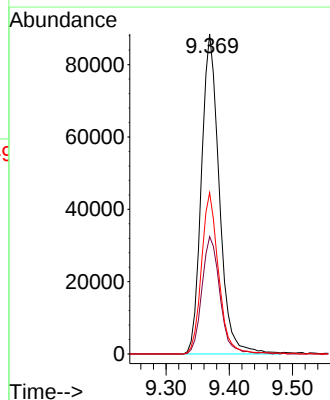
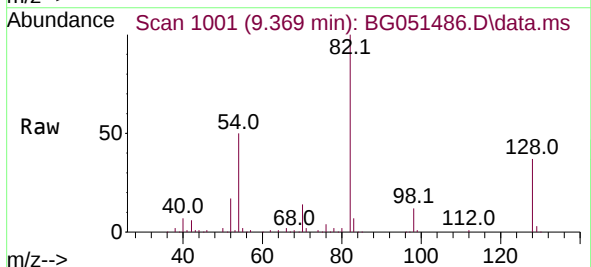


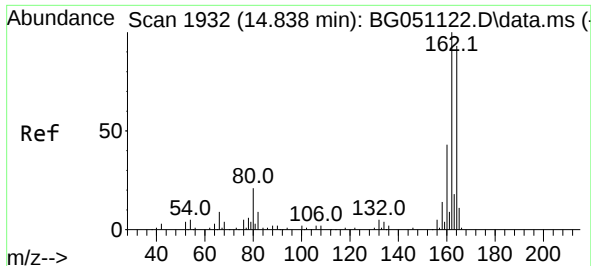
Tgt Ion:136 Resp: 149702
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 9.2 5.5 8.3#
68 6.5 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 52.857 ng
RT: 9.369 min Scan# 1001
Delta R.T. -0.017 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

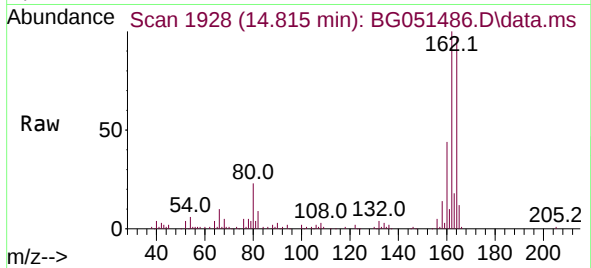
Tgt Ion: 82 Resp: 173341
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 50.4 45.8 68.8



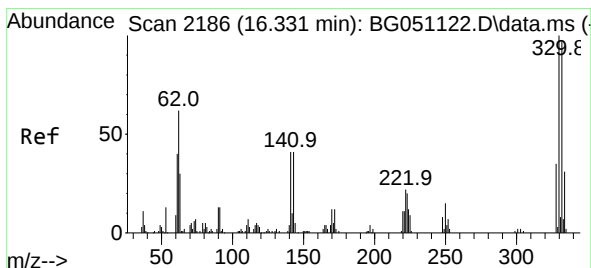
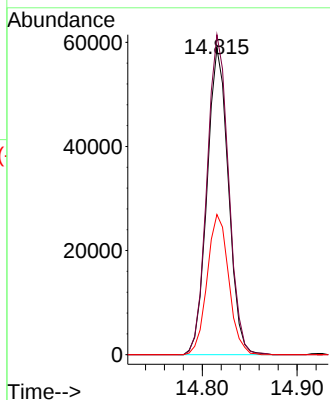
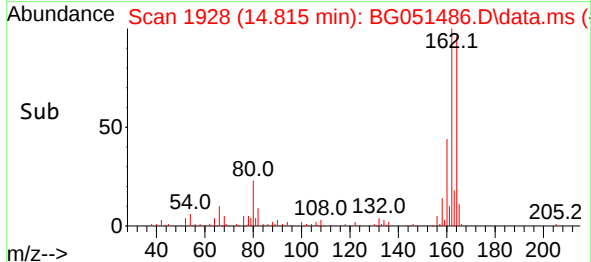


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.815 min Scan# 1932
Delta R.T. -0.023 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

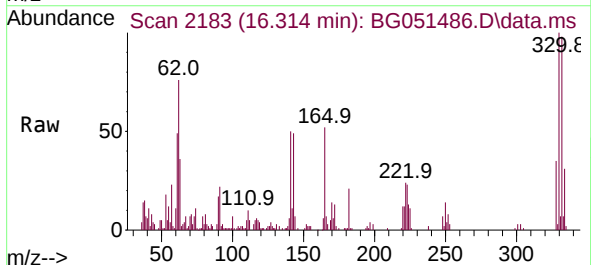
Instrument :
BNA_G
ClientSampleId :



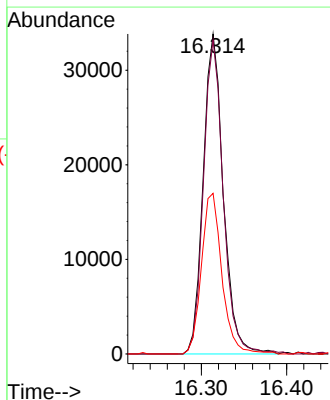
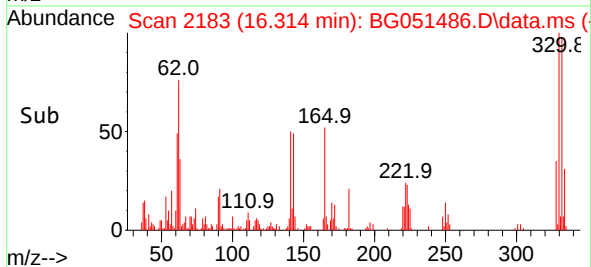
Tgt Ion:164 Resp: 92019
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 45.7 34.9 52.3

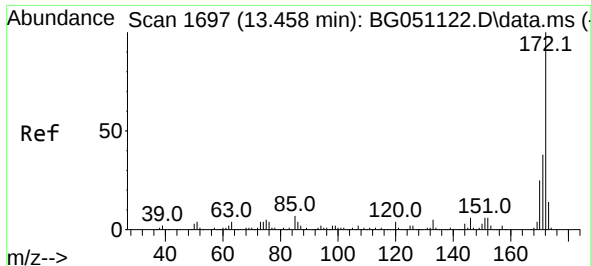


#42
2,4,6-Tribromophenol
Concen: 56.783 ng
RT: 16.314 min Scan# 2183
Delta R.T. -0.017 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24



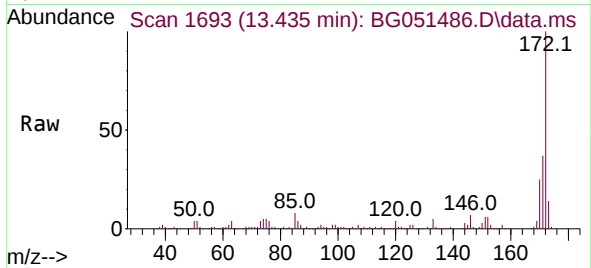
Tgt Ion:330 Resp: 55536
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 51.2 35.6 53.4



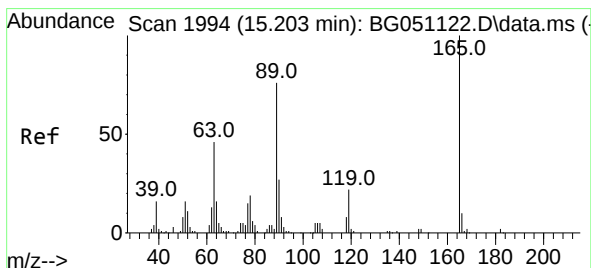
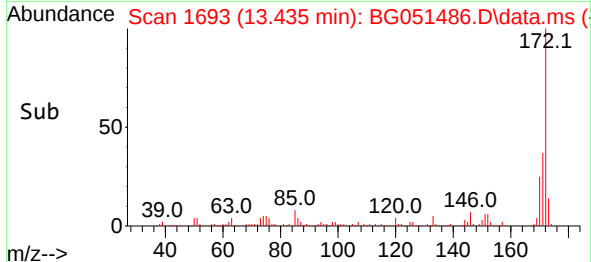
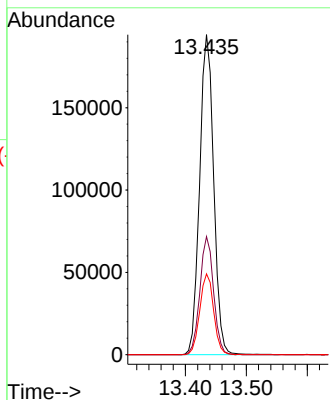


#45
2-Fluorobiphenyl
Concen: 51.044 ng
RT: 13.435 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

Instrument :
BNA_G
ClientSampleId :

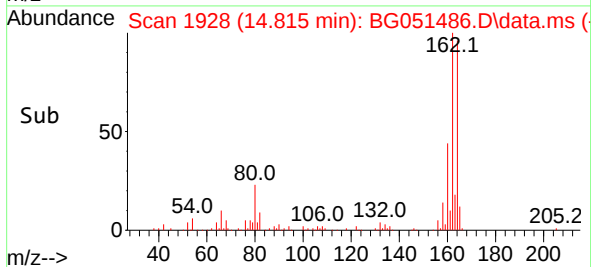
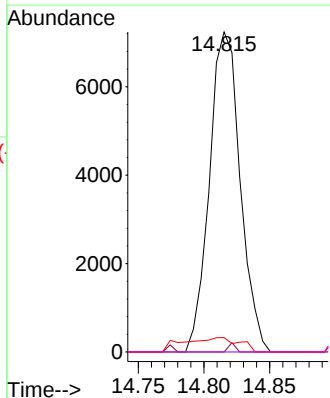
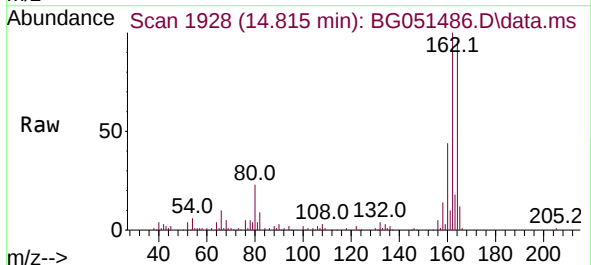


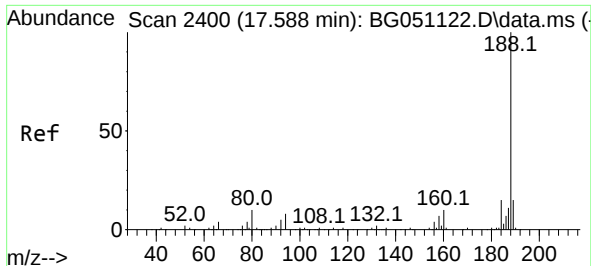
Tgt Ion:172 Resp: 311274
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 25.2 18.6 27.8



#57
2,4-Dinitrotoluene
Concen: 5.569 ng
RT: 14.815 min Scan# 1928
Delta R.T. -0.387 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

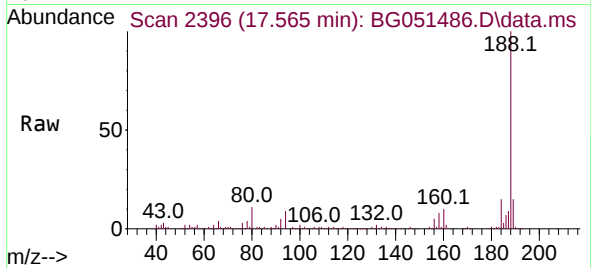
Tgt Ion:165 Resp: 11811
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 4.5 65.4 98.0#
182 0.0 2.0 3.0#



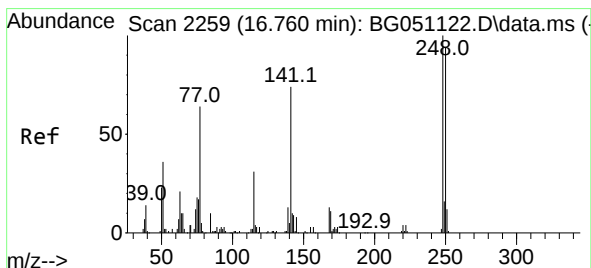
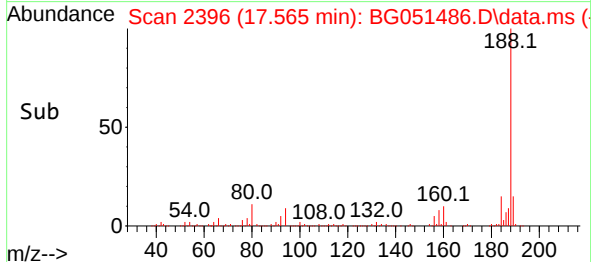
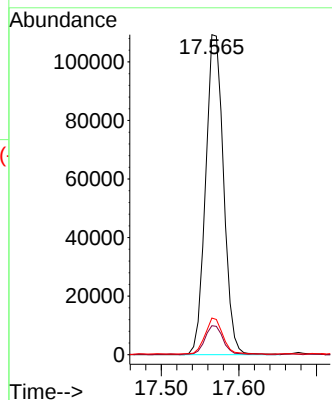


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.565 min Scan# 2182
Delta R.T. -0.023 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

Instrument :
BNA_G
ClientSampleId :

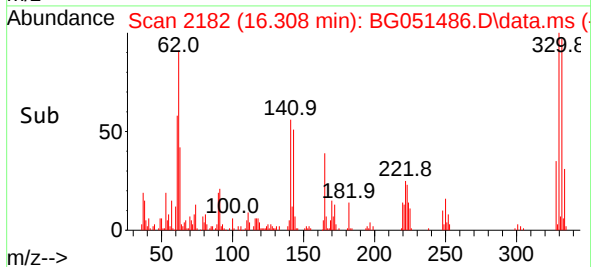
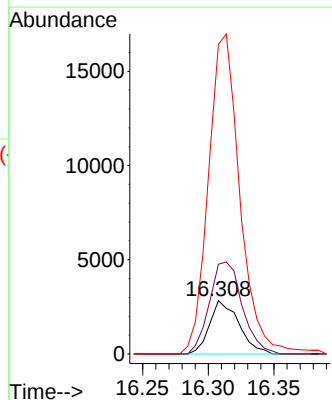
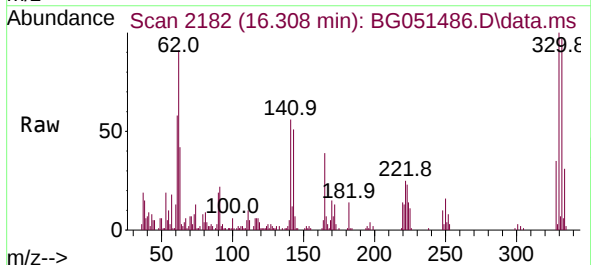


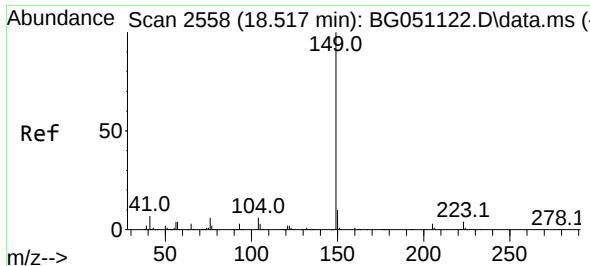
Tgt Ion:188 Resp: 175557
Ion Ratio Lower Upper
188 100
94 9.0 5.4 8.0#
80 11.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.317 ng
RT: 16.308 min Scan# 2182
Delta R.T. -0.452 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

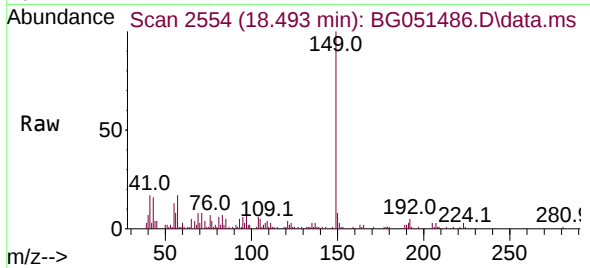
Tgt Ion:248 Resp: 4400
Ion Ratio Lower Upper
248 100
250 168.5 76.1 114.1#
141 581.3 65.4 98.2#



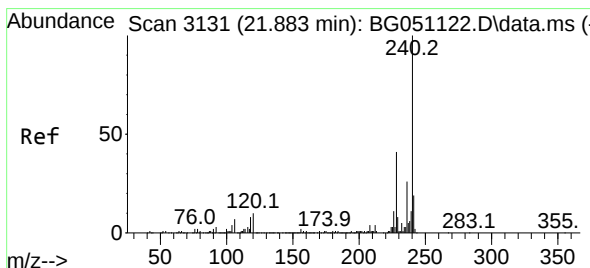
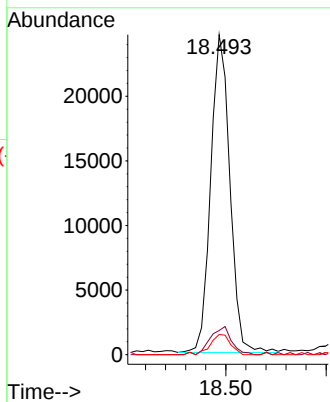
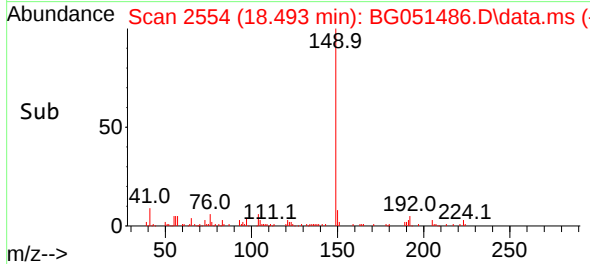


#74
Di-n-butylphthalate
Concen: 2.923 ng
RT: 18.493 min Scan# 21
Delta R.T. -0.023 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

Instrument :
BNA_G
ClientSampleId :

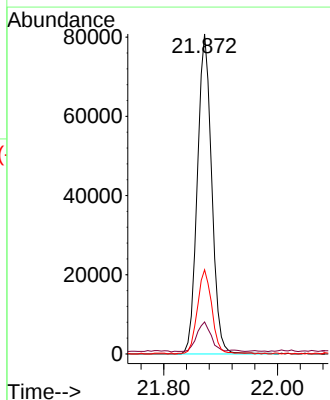
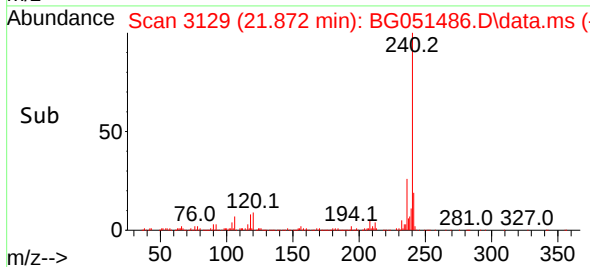
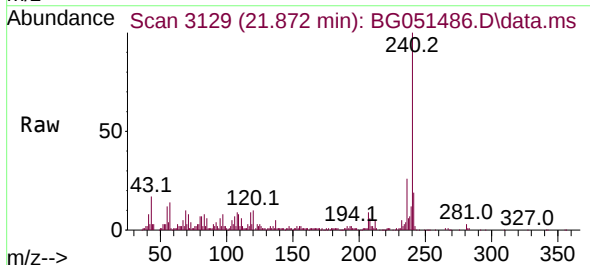


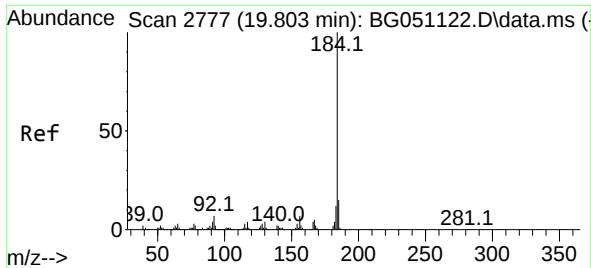
Tgt Ion:149 Resp: 32584
Ion Ratio Lower Upper
149 100
150 7.6 7.5 11.3
104 6.3 6.6 10.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.872 min Scan# 3129
Delta R.T. -0.011 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

Tgt Ion:240 Resp: 141460
Ion Ratio Lower Upper
240 100
120 10.0 4.2 6.2#
236 26.3 21.8 32.6

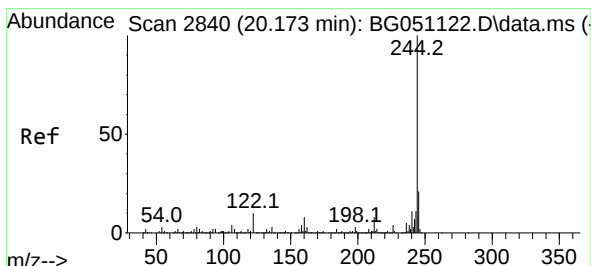
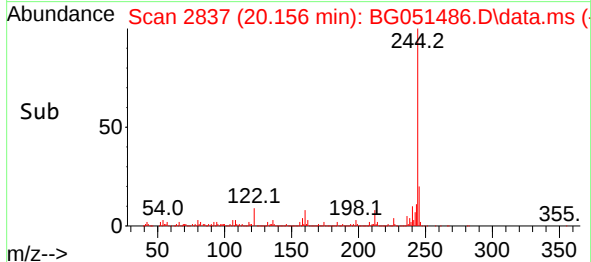
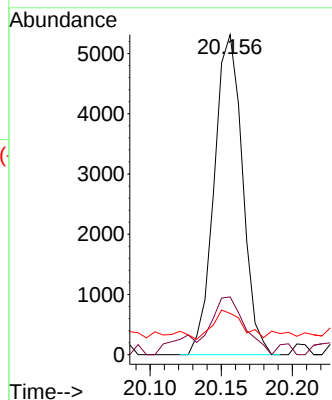
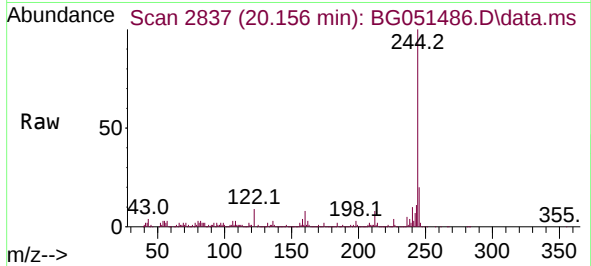




#77
Benzidine
Concen: 3.161 ng
RT: 20.156 min Scan# 2837
Delta R.T. 0.353 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

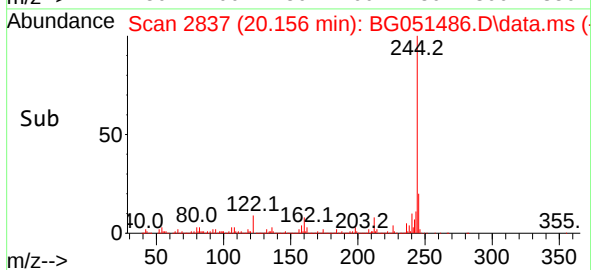
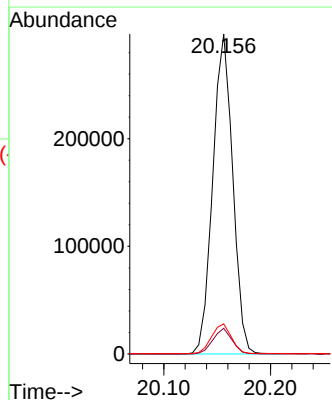
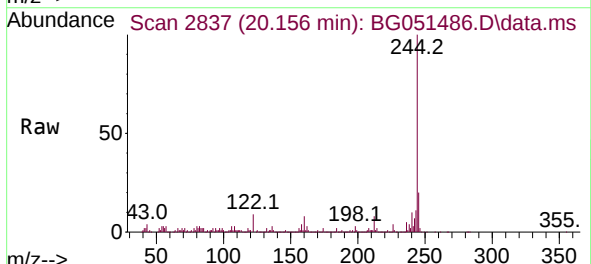
Instrument :
BNA_G
ClientSampleId :

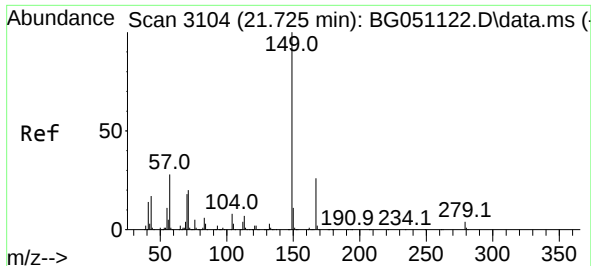
Tgt Ion:184 Resp: 7343
Ion Ratio Lower Upper
184 100
185 18.1 10.7 16.1#
183 12.9 9.4 14.0



#79
Terphenyl-d14
Concen: 49.806 ng
RT: 20.156 min Scan# 2837
Delta R.T. -0.017 min
Lab File: BG051486.D
Acq: 11 Dec 2021 19:24

Tgt Ion:244 Resp: 385403
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 9.4 5.0 7.6#

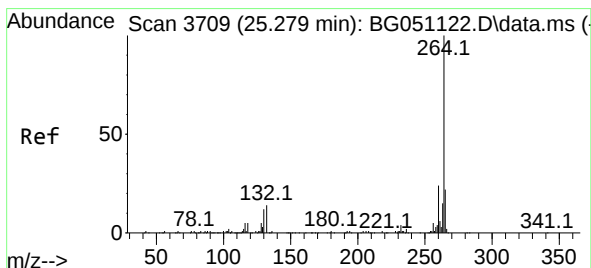
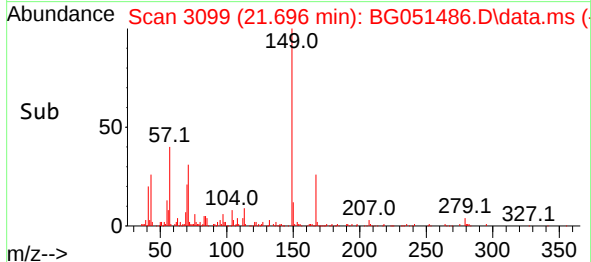
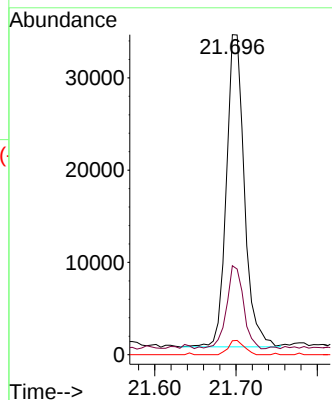
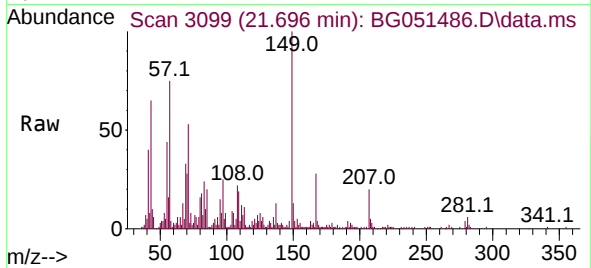




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.548 ng
 RT: 21.696 min Scan# 3099
 Delta R.T. -0.029 min
 Lab File: BG051486.D
 Acq: 11 Dec 2021 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:149 Resp: 52076
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.3 33.5
 279 4.3 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 3708
 Delta R.T. -0.005 min
 Lab File: BG051486.D
 Acq: 11 Dec 2021 19:24

Tgt Ion:264 Resp: 146331
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.4 29.2
 265 22.5 16.9 25.3

