

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051482.D
 Acq On : 11 Dec 2021 16:39
 Operator : CG/JU
 Sample : M4965-29
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 22:54:39 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)

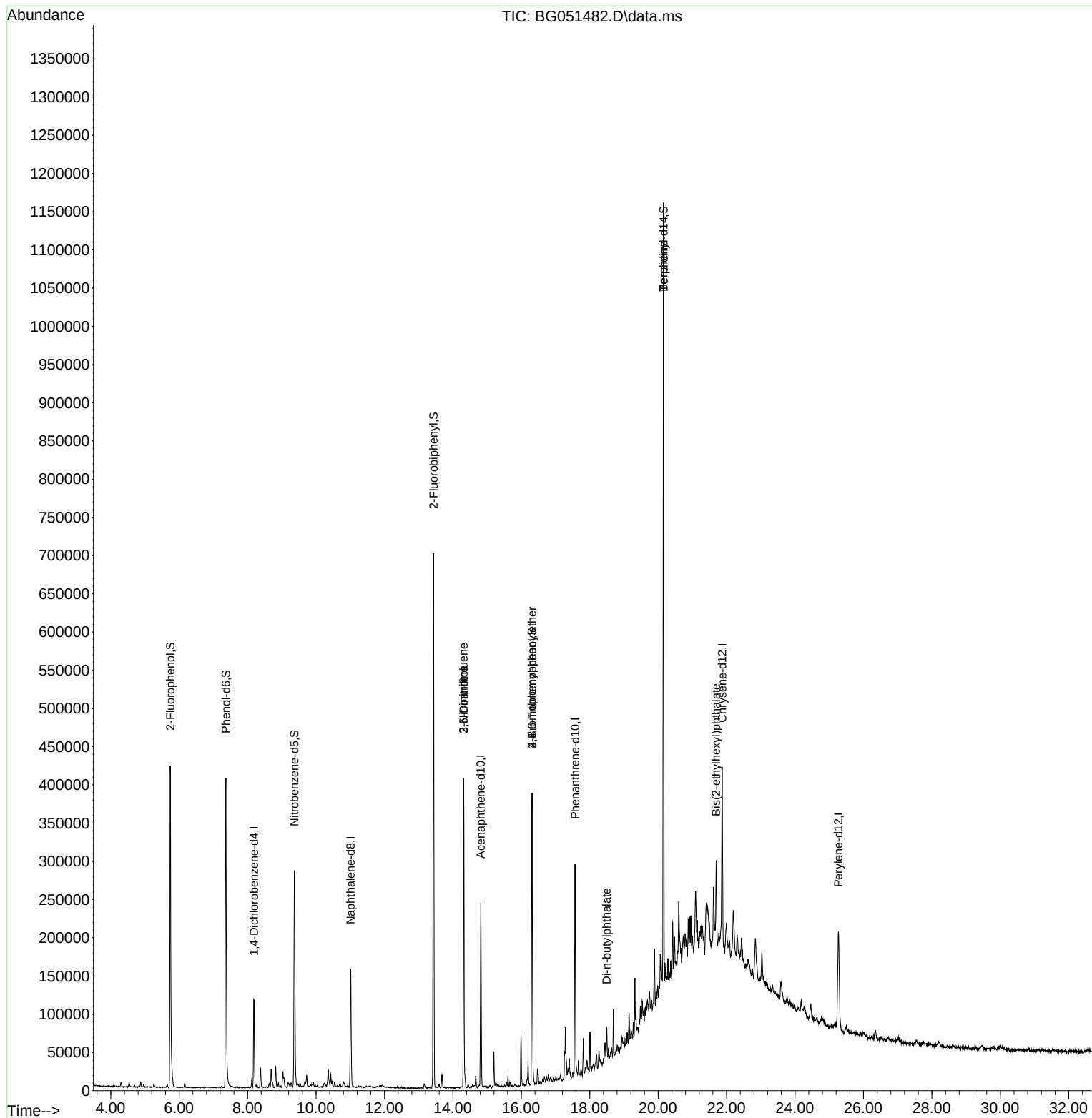
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	33302	20.000	ng	-0.02
21) Naphthalene-d8	11.014	136	140726	20.000	ng	#-0.02
39) Acenaphthene-d10	14.815	164	84479	20.000	ng	-0.02
64) Phenanthrene-d10	17.571	188	172156	20.000	ng	#-0.02
76) Chrysene-d12	21.872	240	144441	20.000	ng	#-0.01
86) Perylene-d12	25.268	264	147061	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	202563	94.028	ng	0.00
7) Phenol-d6	7.365	99	268624	88.532	ng	0.00
23) Nitrobenzene-d5	9.369	82	192657	62.494	ng	-0.02
42) 2,4,6-Tribromophenol	16.313	330	61763	68.786	ng	-0.02
45) 2-Fluorobiphenyl	13.435	172	350169	62.547	ng	-0.02
79) Terphenyl-d14	20.156	244	464059	58.733	ng	-0.02
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.316	165	58552	43.072	ng	# 12
53) 3-Nitroaniline	14.316	138	4896	3.215	ng	# 21
67) 4-Bromophenyl-phenylether	16.313	248	4980	2.675	ng	# 1
74) Di-n-butylphthalate	18.493	149	23834	2.180	ng	# 97
77) Benzidine	20.156	184	9116	3.844	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.695	149	30172	4.850	ng	# 97

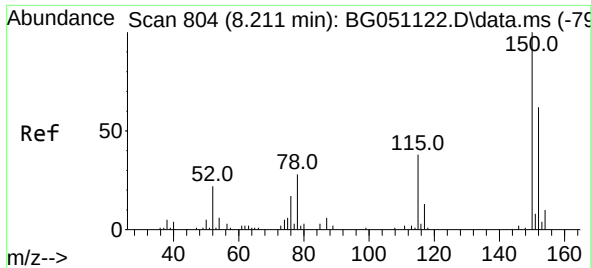
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
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BNA_G
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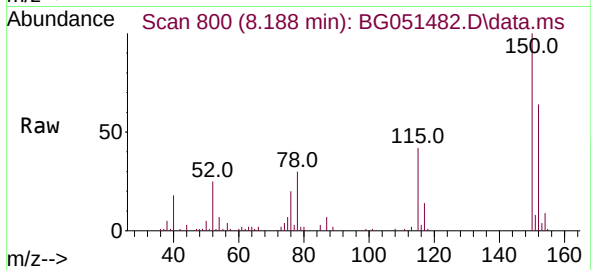
Quant Time: Dec 11 22:54:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
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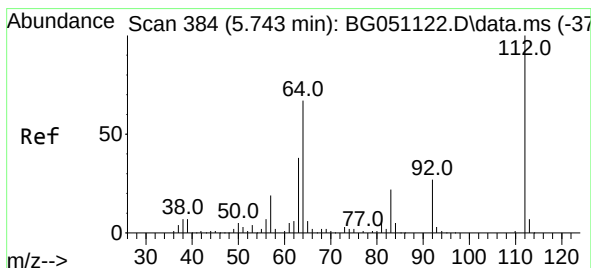
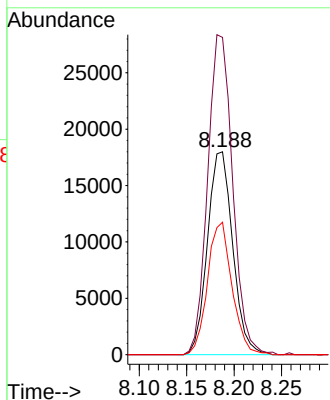
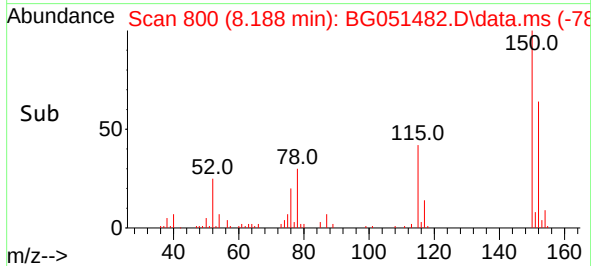


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.188 min Scan# 804
Delta R.T. -0.023 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

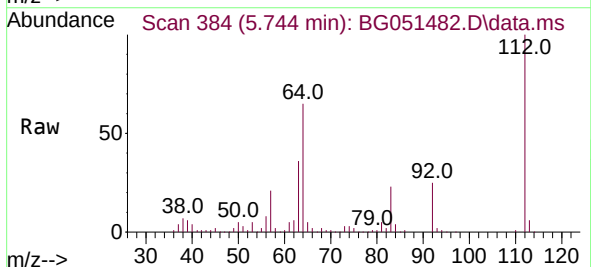
Instrument :
BNA_G
ClientSampleId :



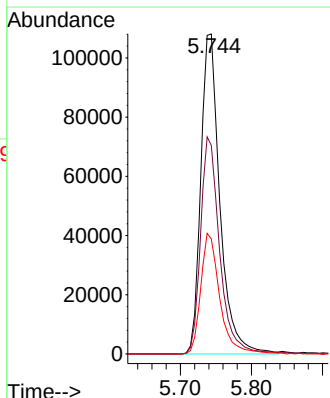
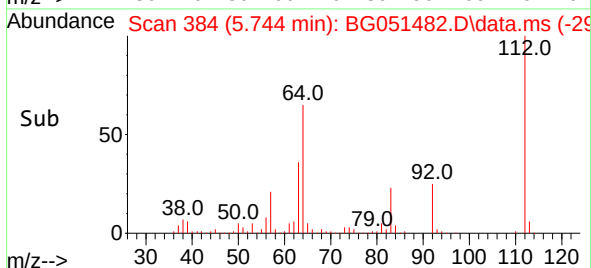
Tgt Ion:152 Resp: 33302
Ion Ratio Lower Upper
152 100
150 156.4 119.4 179.0
115 65.3 60.2 90.4

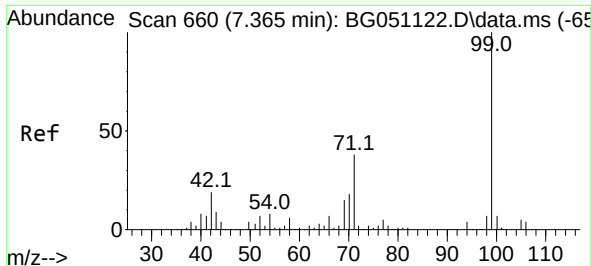


#5
2-Fluorophenol
Concen: 94.028 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.000 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39



Tgt Ion:112 Resp: 202563
Ion Ratio Lower Upper
112 100
64 65.1 46.7 70.1
63 35.9 35.3 52.9

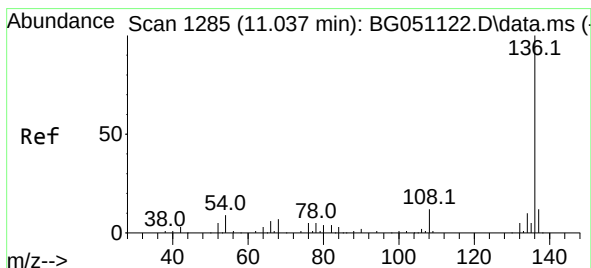
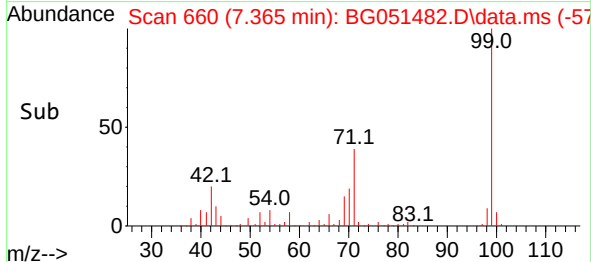
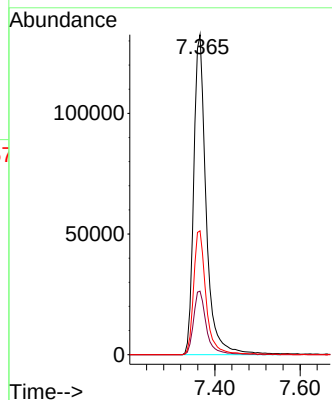
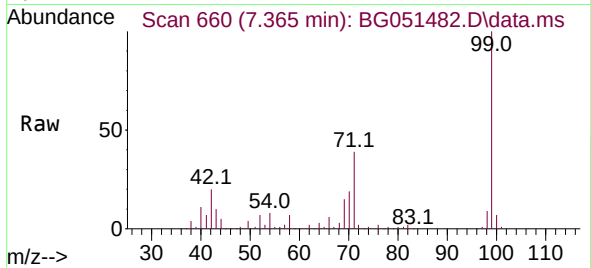




#7
Phenol-d6
Concen: 88.532 ng
RT: 7.365 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

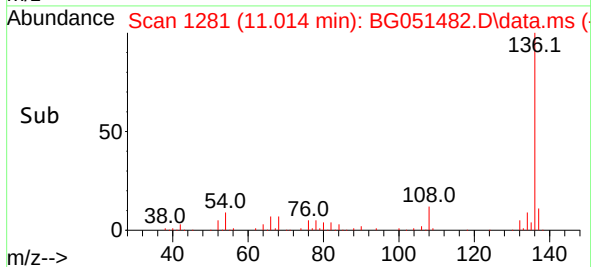
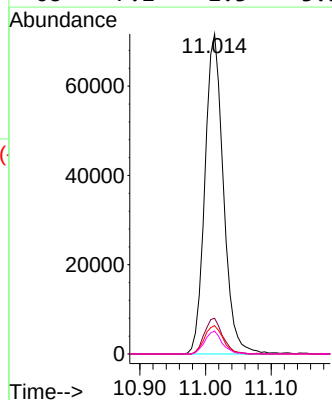
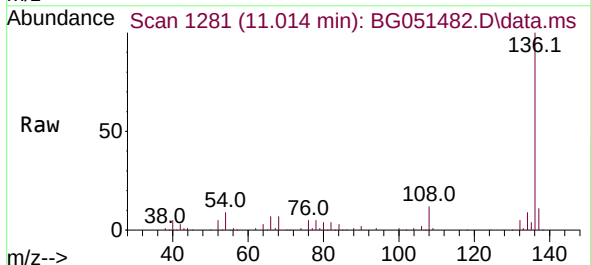
Instrument :
BNA_G
ClientSampleId :

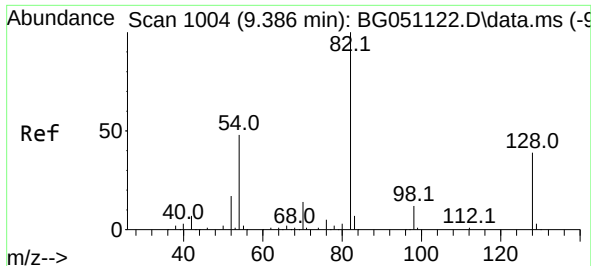
Tgt Ion: 99 Resp: 268624
Ion Ratio Lower Upper
99 100
42 19.9 20.5 30.7#
71 38.7 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.014 min Scan# 1281
Delta R.T. -0.023 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

Tgt Ion: 136 Resp: 140726
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 8.9 5.5 8.3#
68 7.2 2.3 3.5#

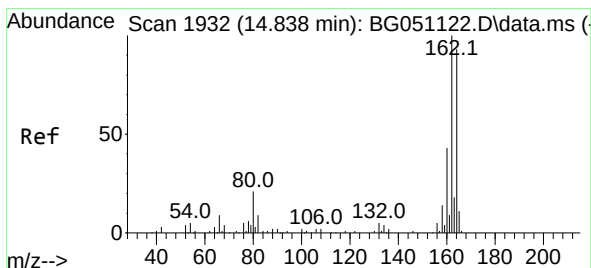
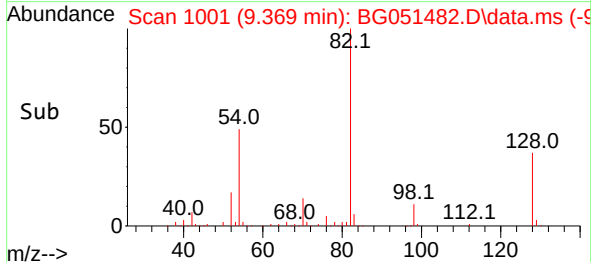
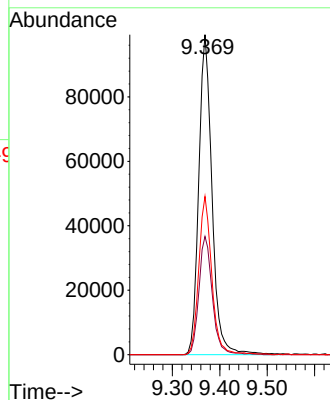
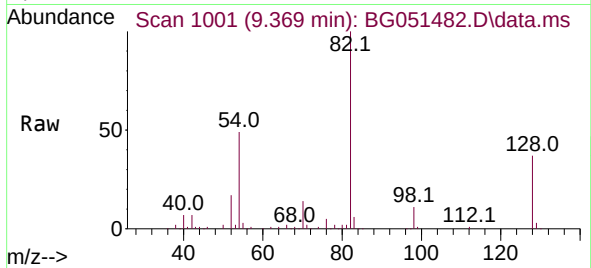




#23
Nitrobenzene-d5
Concen: 62.494 ng
RT: 9.369 min Scan# 1004
Delta R.T. -0.017 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

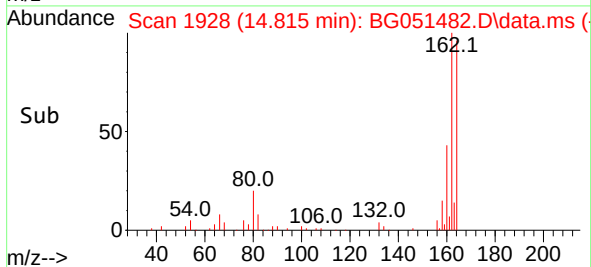
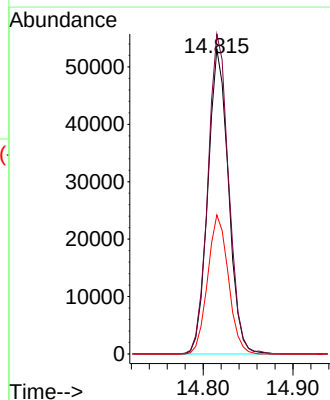
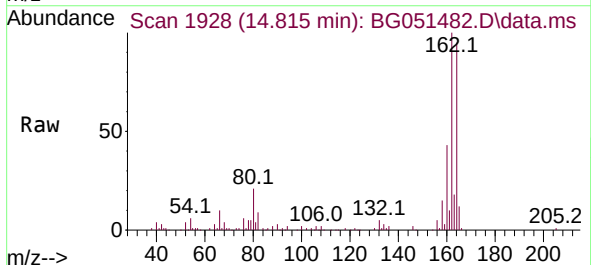
Instrument :
BNA_G
ClientSampleId :

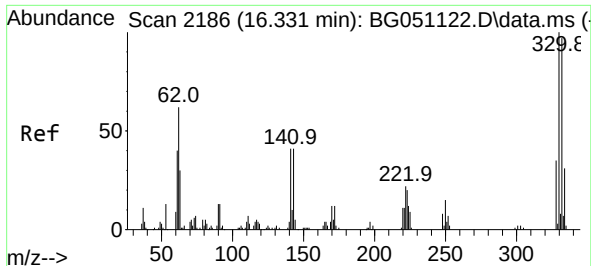
Tgt Ion: 82 Resp: 192657
Ion Ratio Lower Upper
82 100
128 36.9 29.8 44.6
54 49.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.815 min Scan# 1928
Delta R.T. -0.023 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

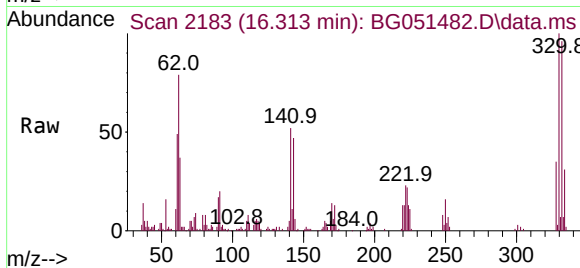
Tgt Ion:164 Resp: 84479
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.0
160 45.6 34.9 52.3



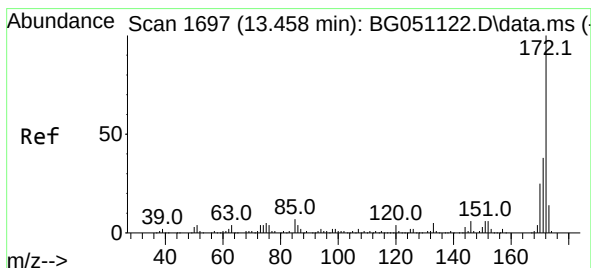
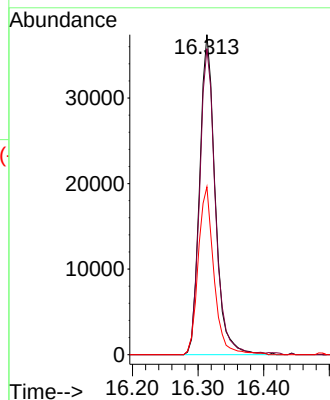
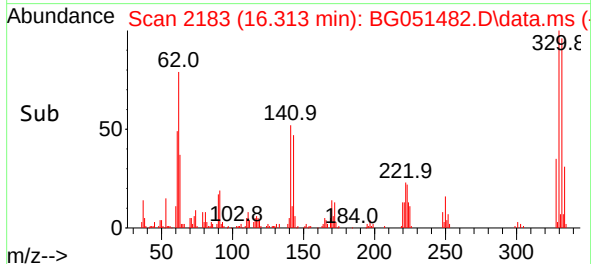


#42
2,4,6-Tribromophenol
Concen: 68.786 ng
RT: 16.313 min Scan# 2186
Delta R.T. -0.017 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

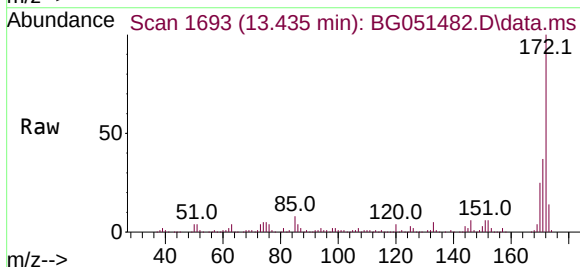
Instrument :
BNA_G
ClientSampleId :



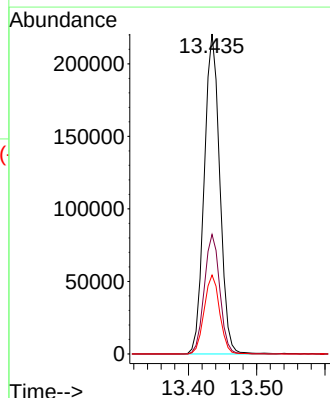
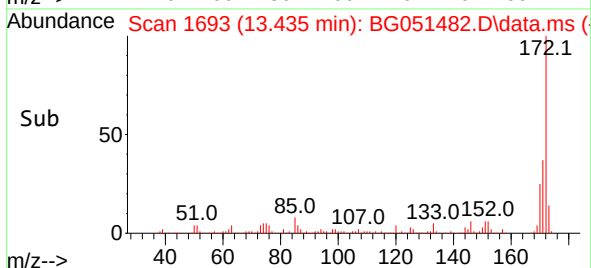
Tgt Ion:330 Resp: 61763
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 53.0 35.6 53.4

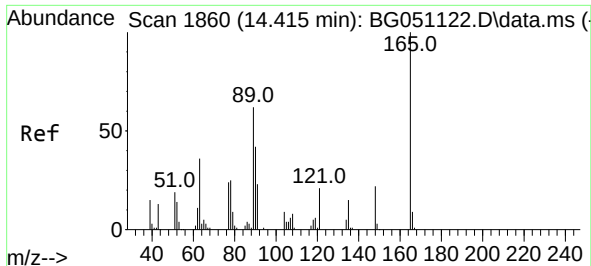


#45
2-Fluorobiphenyl
Concen: 62.547 ng
RT: 13.435 min Scan# 1693
Delta R.T. -0.023 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39



Tgt Ion:172 Resp: 350169
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.7 18.6 27.8

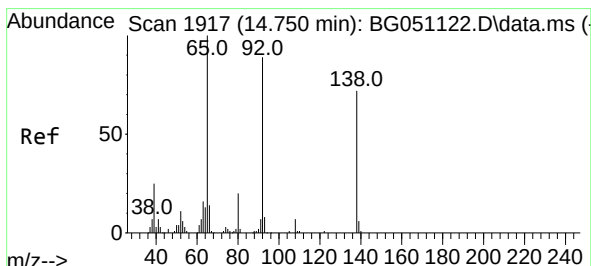
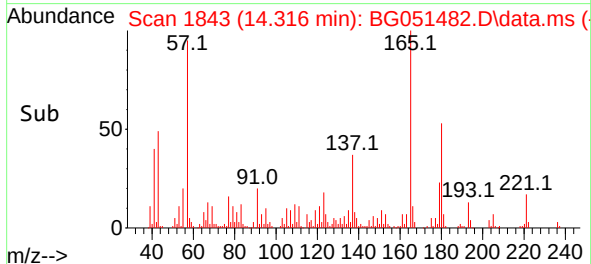
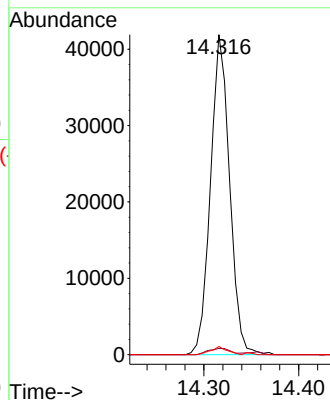
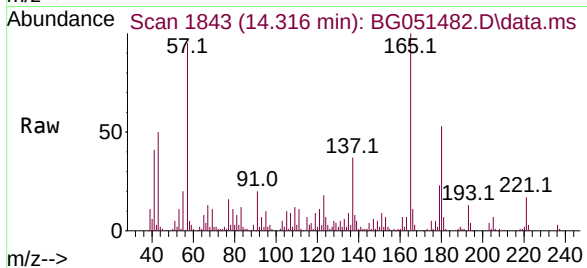




#51
2,6-Dinitrotoluene
Concen: 43.072 ng
RT: 14.316 min Scan# 1843
Delta R.T. -0.100 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

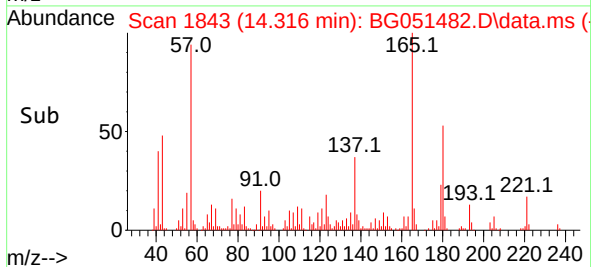
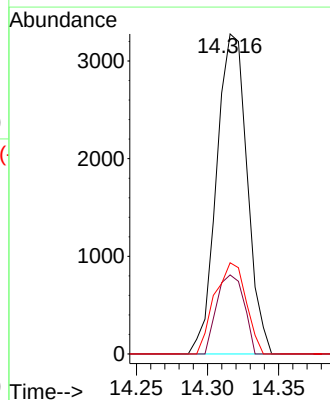
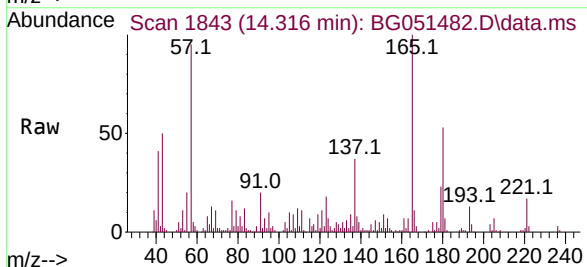
Instrument :
BNA_G
ClientSampleId :

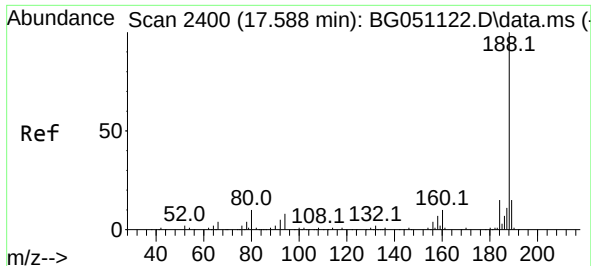
Tgt Ion:165 Resp: 58552
Ion Ratio Lower Upper
165 100
63 1.9 63.3 94.9#
89 2.5 63.4 95.0#



#53
3-Nitroaniline
Concen: 3.215 ng
RT: 14.316 min Scan# 1843
Delta R.T. -0.435 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

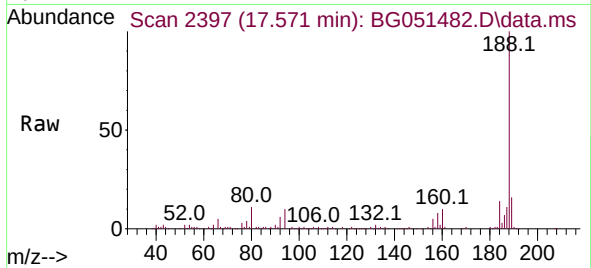
Tgt Ion:138 Resp: 4896
Ion Ratio Lower Upper
138 100
108 24.7 8.3 12.5#
92 28.5 96.4 144.6#



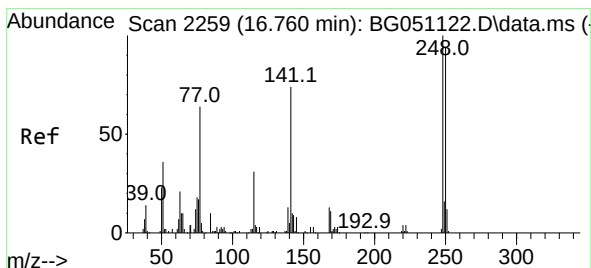
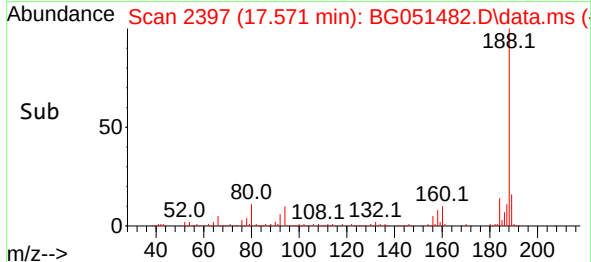
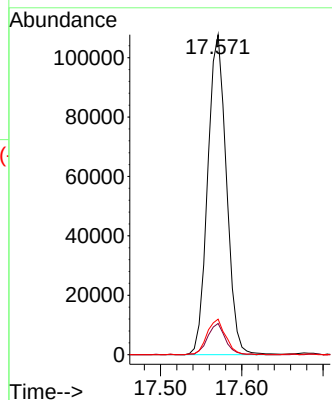


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

Instrument :
BNA_G
ClientSampleId :

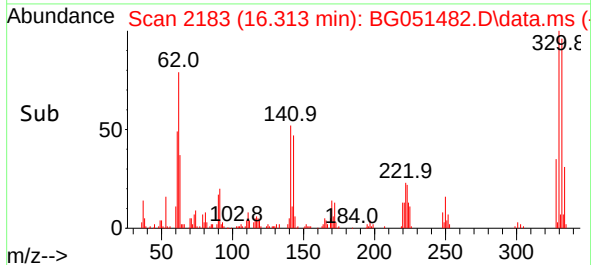
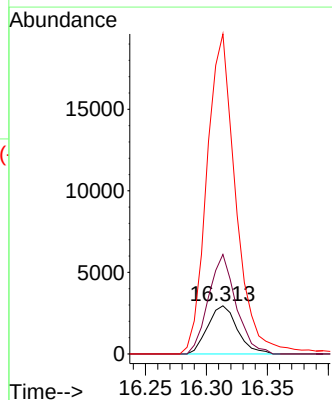
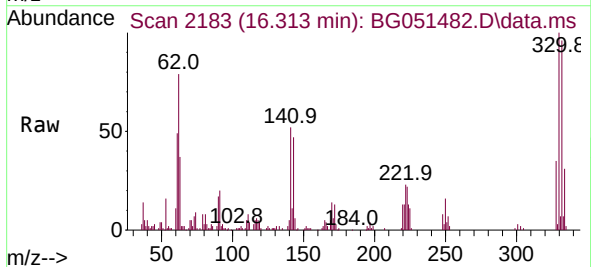


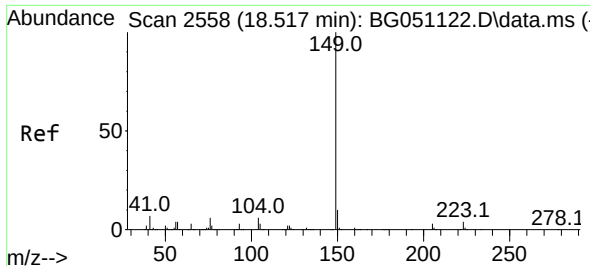
Tgt Ion:188 Resp: 172156
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 11.1 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.675 ng
RT: 16.313 min Scan# 2183
Delta R.T. -0.446 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

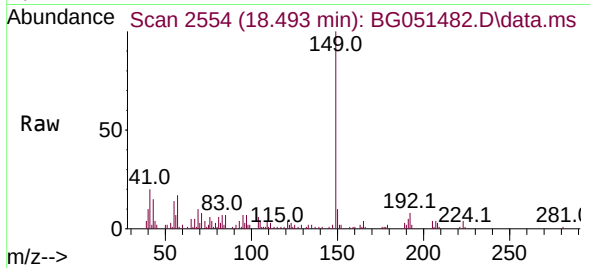
Tgt Ion:248 Resp: 4980
Ion Ratio Lower Upper
248 100
250 206.9 76.1 114.1#
141 664.7 65.4 98.2#



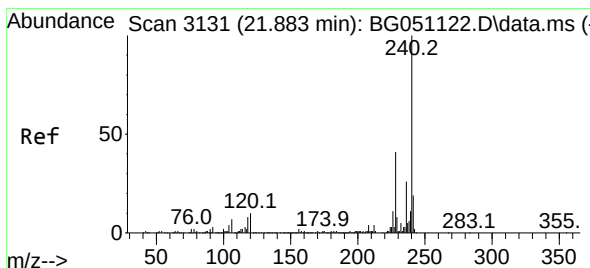
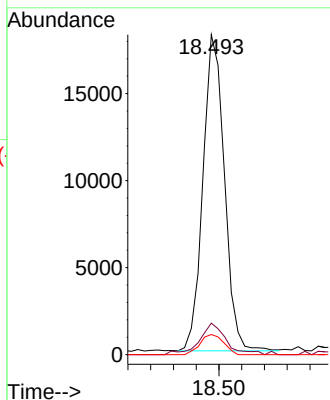
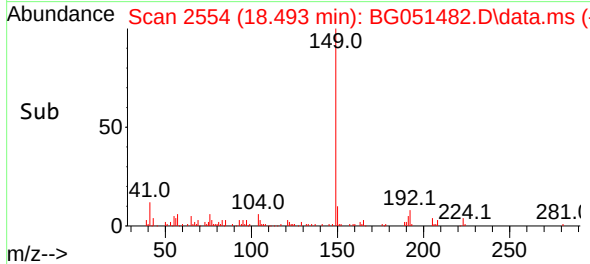


#74
Di-n-butylphthalate
Concen: 2.180 ng
RT: 18.493 min Scan# 21
Delta R.T. -0.023 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

Instrument :
BNA_G
ClientSampleId :

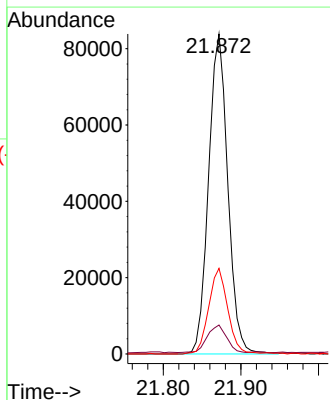
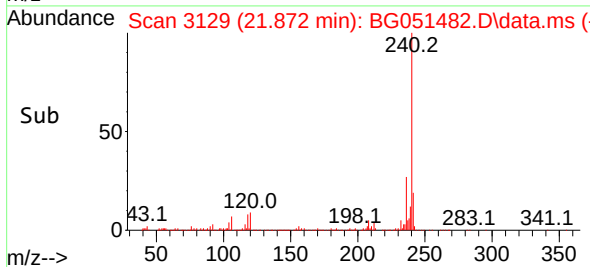
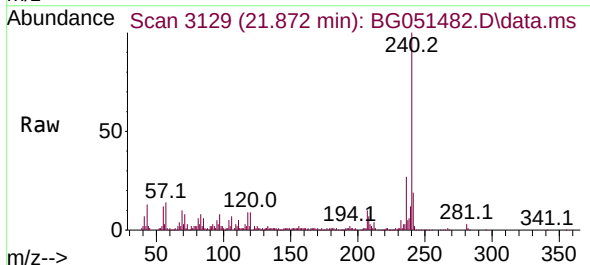


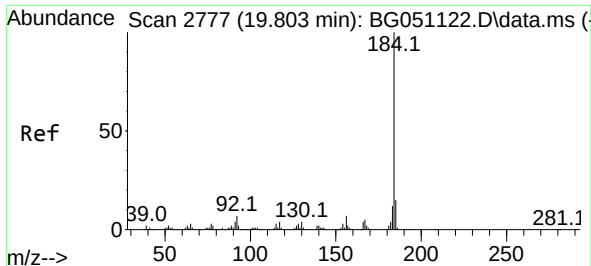
Tgt Ion:149 Resp: 23834
Ion Ratio Lower Upper
149 100
150 9.9 7.5 11.3
104 6.3 6.6 10.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.872 min Scan# 3129
Delta R.T. -0.011 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

Tgt Ion:240 Resp: 144441
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 26.7 21.8 32.6

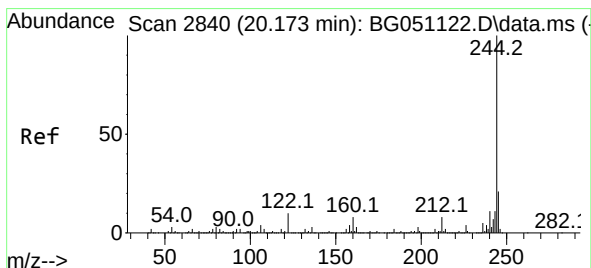
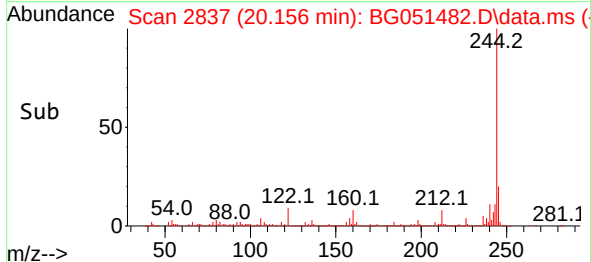
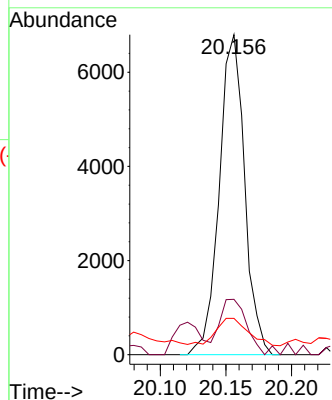
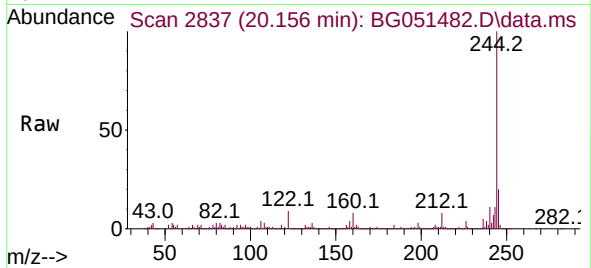




#77
Benzidine
Concen: 3.844 ng
RT: 20.156 min Scan# 2837
Delta R.T. 0.353 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

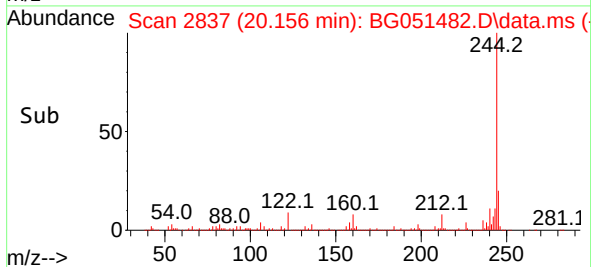
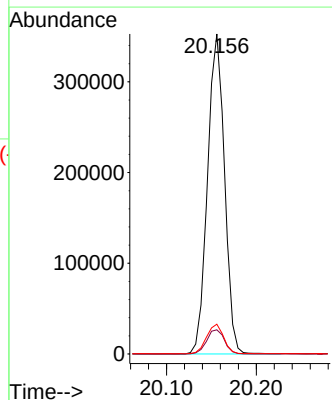
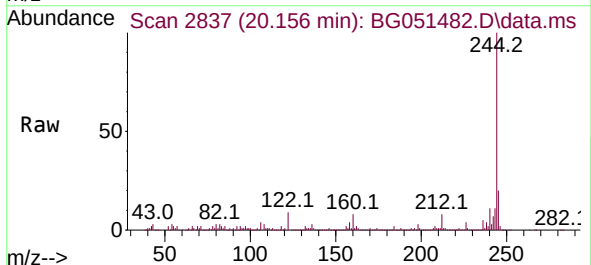
Instrument :
BNA_G
ClientSampleId :

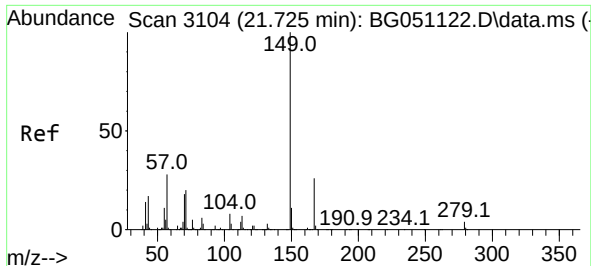
Tgt Ion:184 Resp: 9116
Ion Ratio Lower Upper
184 100
185 17.3 10.7 16.1#
183 11.4 9.4 14.0



#79
Terphenyl-d14
Concen: 58.733 ng
RT: 20.156 min Scan# 2837
Delta R.T. -0.017 min
Lab File: BG051482.D
Acq: 11 Dec 2021 16:39

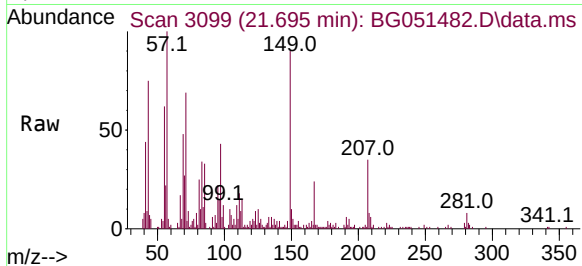
Tgt Ion:244 Resp: 464059
Ion Ratio Lower Upper
244 100
212 7.5 6.9 10.3
122 9.3 5.0 7.6#



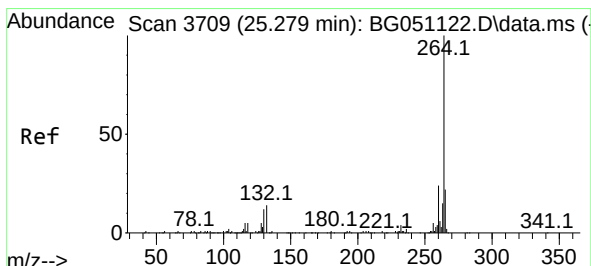
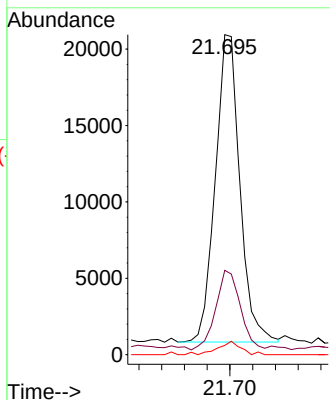
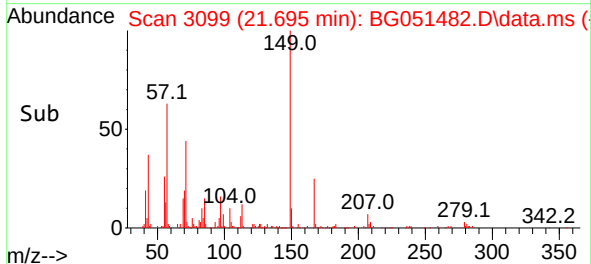


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.850 ng
 RT: 21.695 min Scan# 3099
 Delta R.T. -0.029 min
 Lab File: BG051482.D
 Acq: 11 Dec 2021 16:39

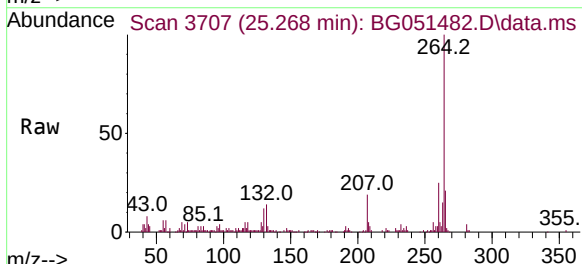
Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:149 Resp: 30172
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.3 33.5
 279 2.9 3.8 5.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 3707
 Delta R.T. -0.011 min
 Lab File: BG051482.D
 Acq: 11 Dec 2021 16:39



Tgt Ion:264 Resp: 147061
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.4 29.2
 265 21.0 16.9 25.3

