

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051480.D
 Acq On : 11 Dec 2021 15:15
 Operator : CG/JU
 Sample : M4965-30
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 22:54:15 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)

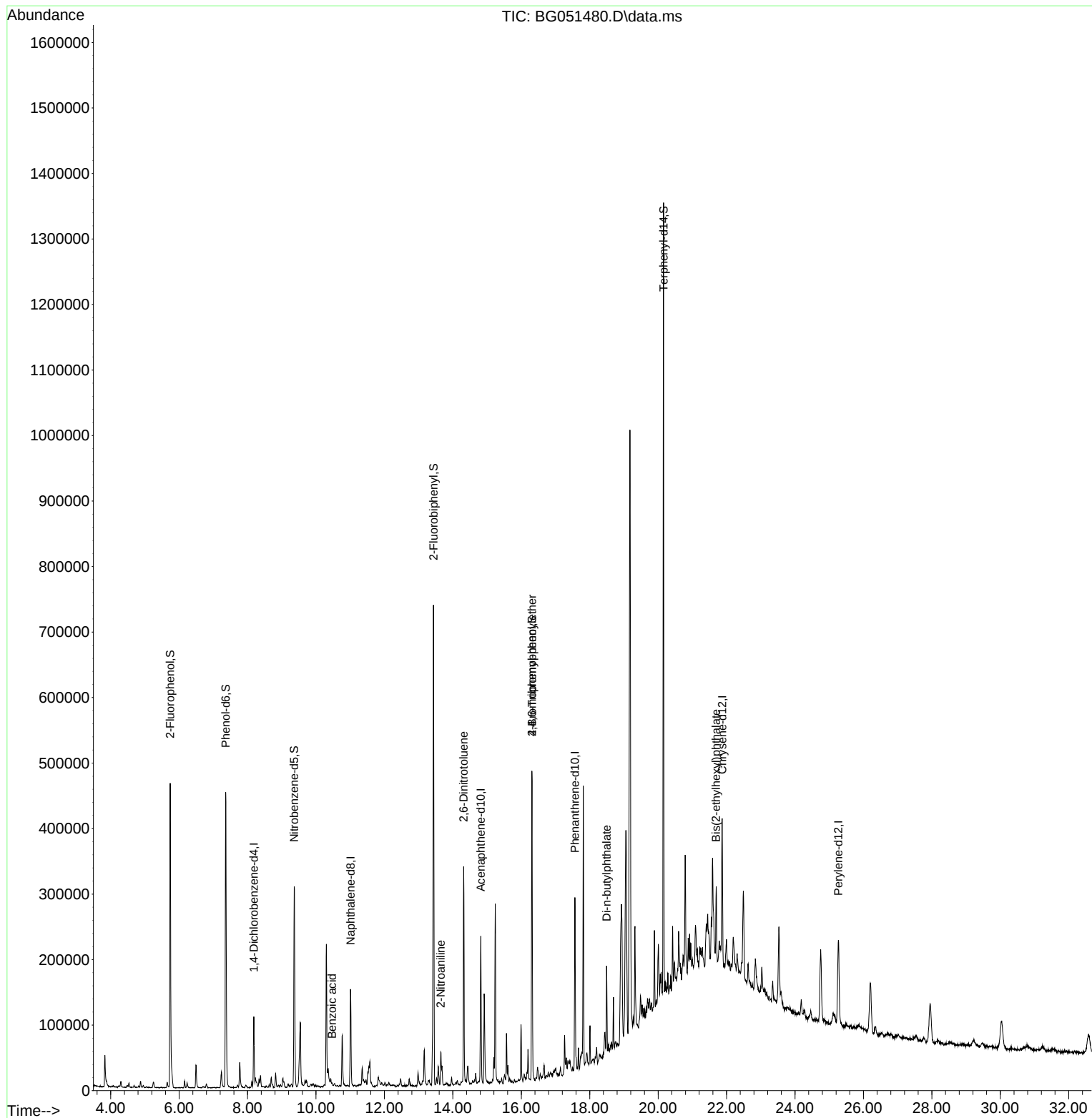
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.183	152	28832	20.000	ng	-0.03
21) Naphthalene-d8	11.009	136	120211	20.000	ng	#-0.03
39) Acenaphthene-d10	14.816	164	75556	20.000	ng	-0.02
64) Phenanthrene-d10	17.566	188	160300	20.000	ng	#-0.02
76) Chrysene-d12	21.872	240	143493	20.000	ng	#-0.01
86) Perylene-d12	25.268	264	147572	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	209431	112.288	ng	0.00
7) Phenol-d6	7.360	99	278556	106.038	ng	0.00
23) Nitrobenzene-d5	9.364	82	205349	77.979	ng	-0.02
42) 2,4,6-Tribromophenol	16.314	330	71794	89.400	ng	-0.02
45) 2-Fluorobiphenyl	13.435	172	365459	72.988	ng	-0.02
79) Terphenyl-d14	20.157	244	544878	69.417	ng	-0.02
Target Compounds						
						Qvalue
32) Benzoic acid	10.474	122	56	4.232	ng	# 1
48) 2-Nitroaniline	13.647	65	3162	2.035	ng	# 24
51) 2,6-Dinitrotoluene	14.317	165	47706	39.238	ng	# 12
67) 4-Bromophenyl-phenylether	16.314	248	5633	3.249	ng	# 1
74) Di-n-butylphthalate	18.494	149	90977	8.938	ng	# 96
84) Bis(2-ethylhexyl)phtha...	21.696	149	35871	5.804	ng	# 96

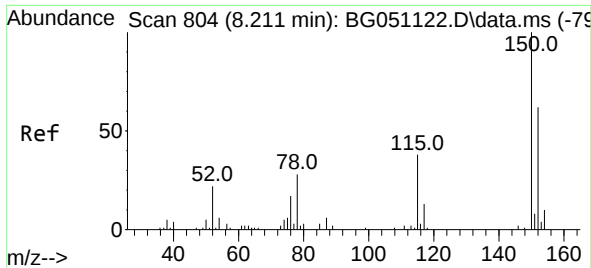
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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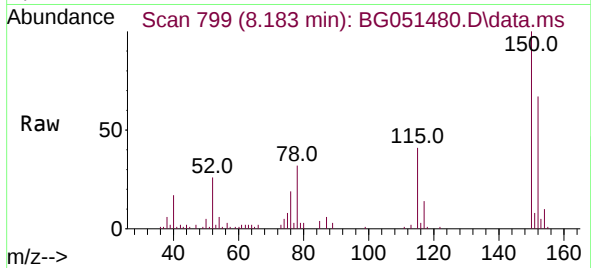
Quant Time: Dec 11 22:54:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
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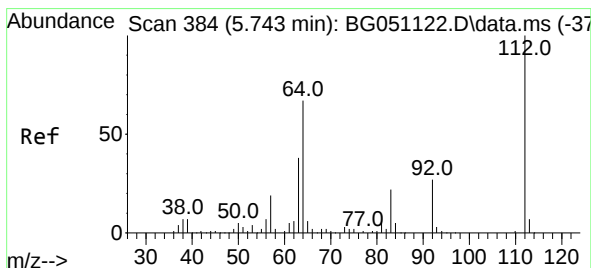
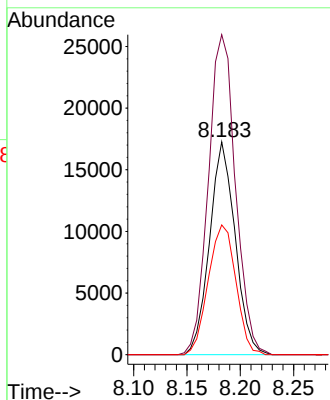
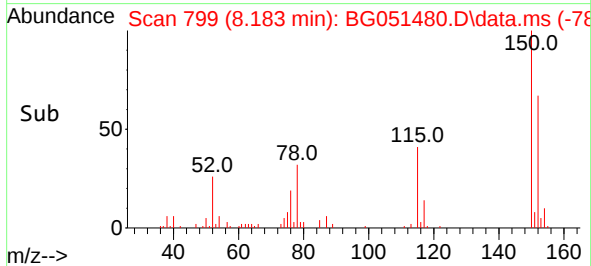


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.183 min Scan# 799
Delta R.T. -0.028 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

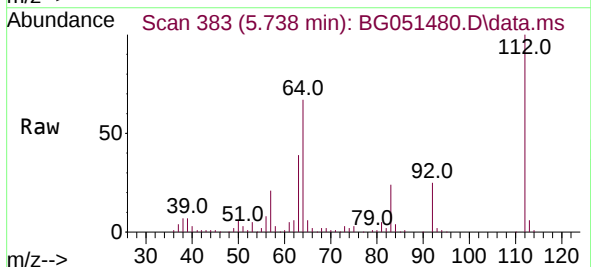
Instrument :
BNA_G
ClientSampleId :



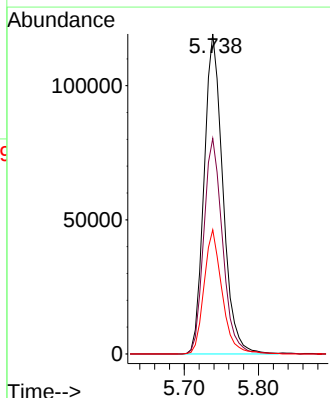
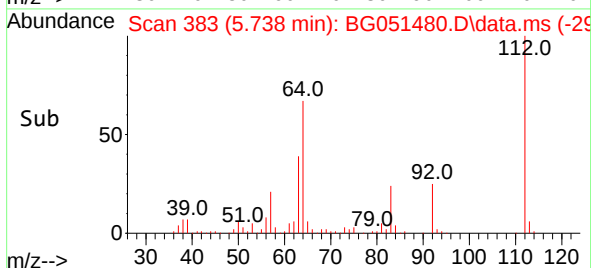
Tgt Ion:152 Resp: 28832
Ion Ratio Lower Upper
152 100
150 150.4 119.4 179.0
115 61.0 60.2 90.4

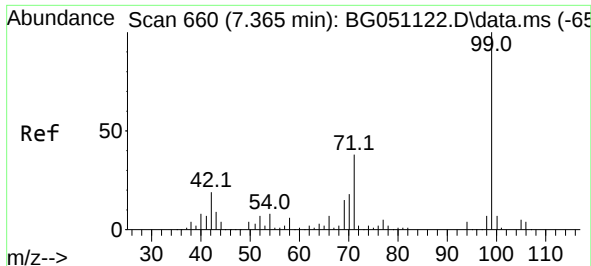


#5
2-Fluorophenol
Concen: 112.288 ng
RT: 5.738 min Scan# 383
Delta R.T. -0.005 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15



Tgt Ion:112 Resp: 209431
Ion Ratio Lower Upper
112 100
64 67.3 46.7 70.1
63 38.8 35.3 52.9

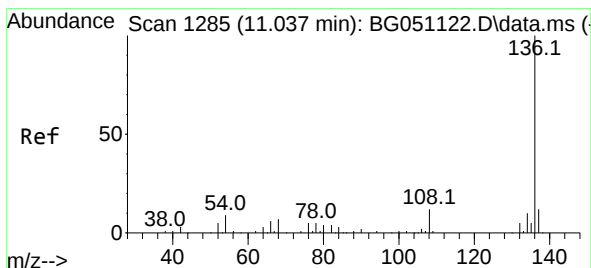
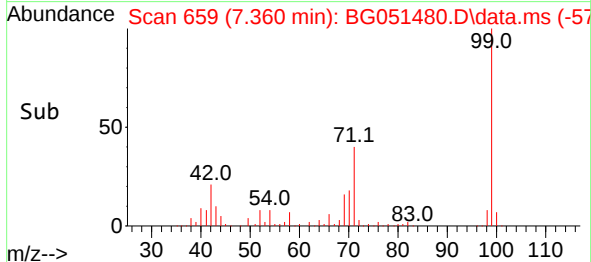
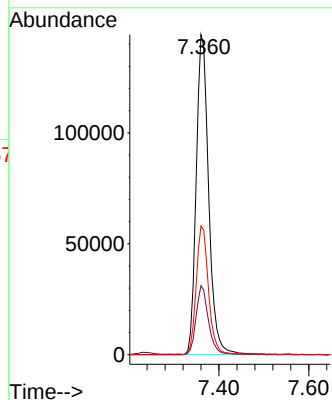
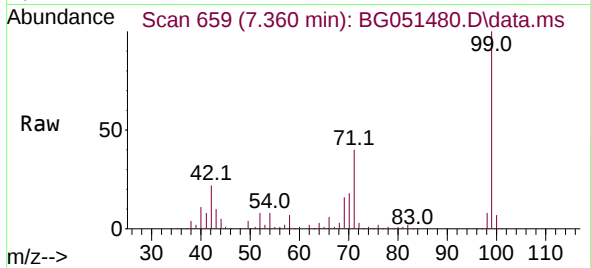




#7
Phenol-d6
Concen: 106.038 ng
RT: 7.360 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

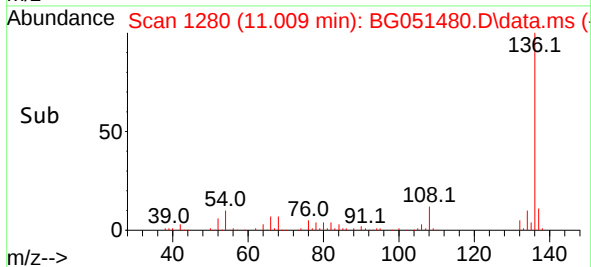
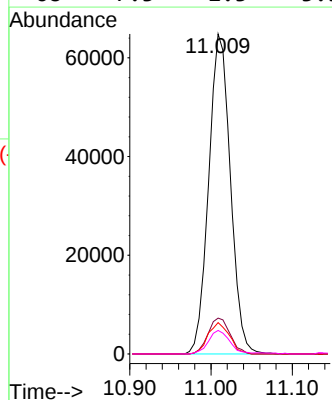
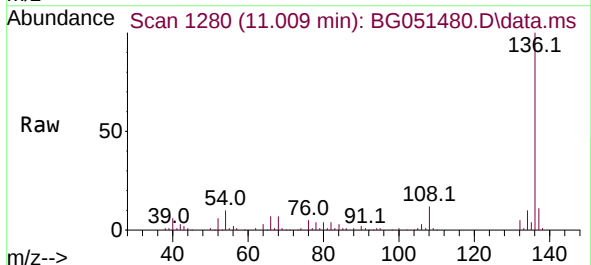
Instrument :
BNA_G
ClientSampleId :

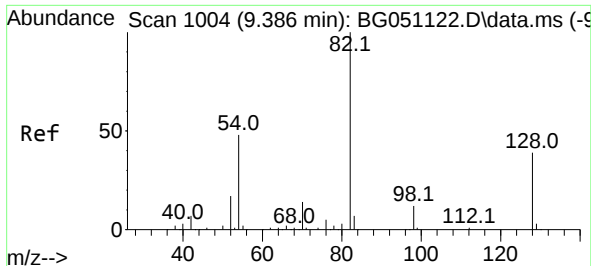
Tgt Ion: 99 Resp: 278556
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 40.2 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.009 min Scan# 1280
Delta R.T. -0.028 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

Tgt Ion: 136 Resp: 120211
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 9.8 5.5 8.3#
68 7.3 2.3 3.5#

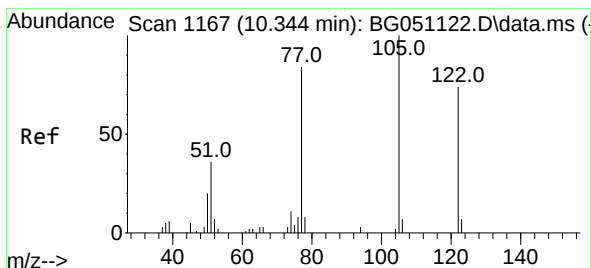
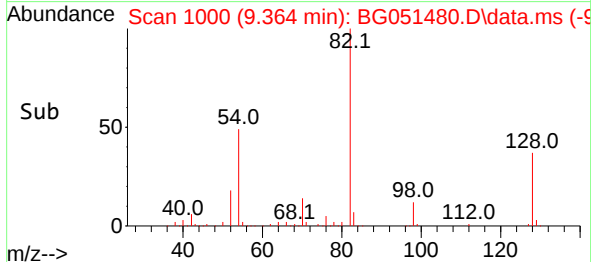
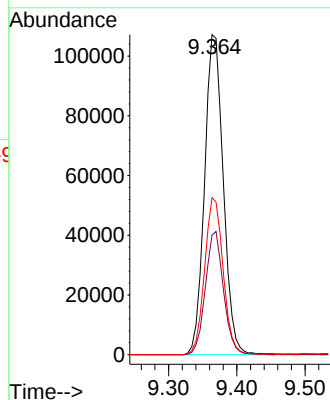
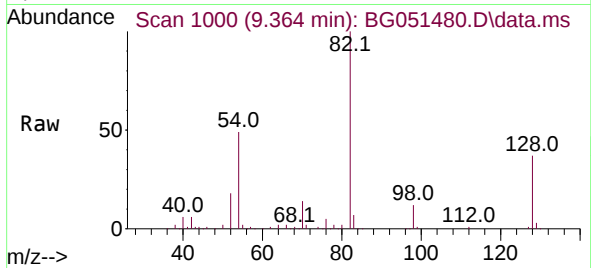




#23
Nitrobenzene-d5
Concen: 77.979 ng
RT: 9.364 min Scan# 1189
Delta R.T. -0.022 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

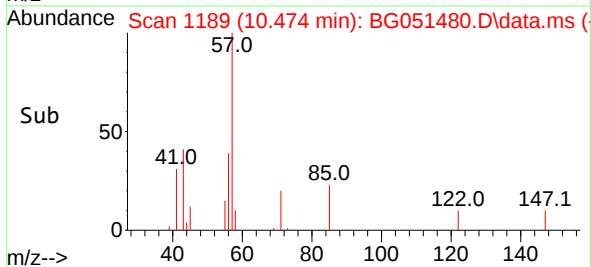
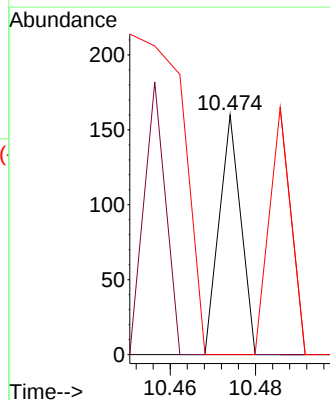
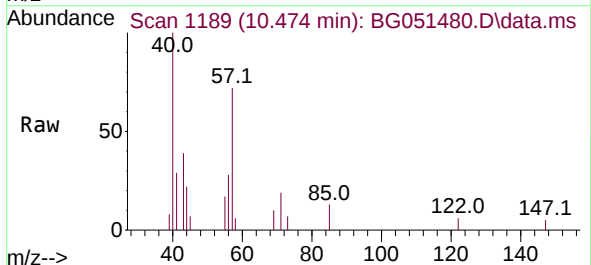
Instrument :
BNA_G
ClientSampleId :

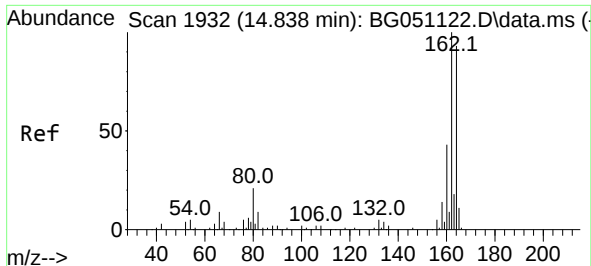
Tgt Ion: 82 Resp: 205349
Ion Ratio Lower Upper
82 100
128 37.4 29.8 44.6
54 49.1 45.8 68.8



#32
Benzoic acid
Concen: 4.232 ng
RT: 10.474 min Scan# 1189
Delta R.T. 0.130 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

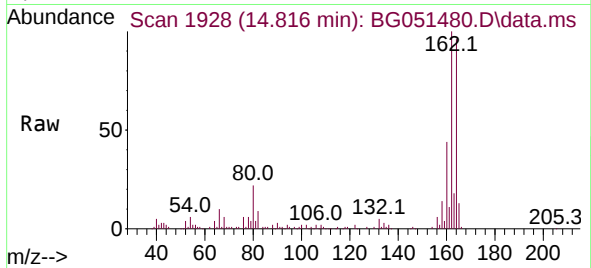
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



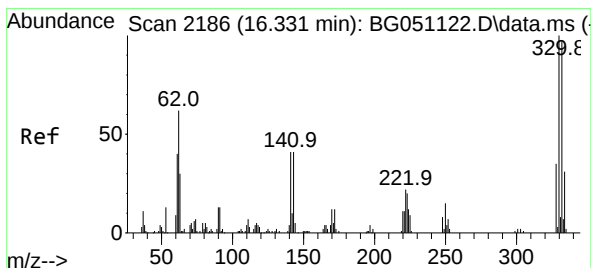
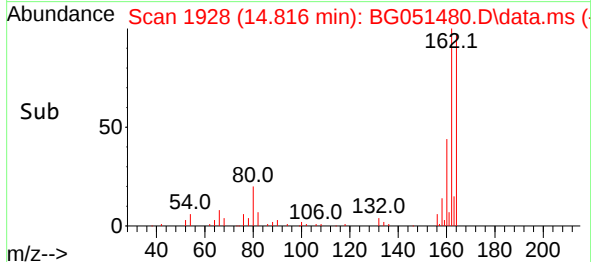
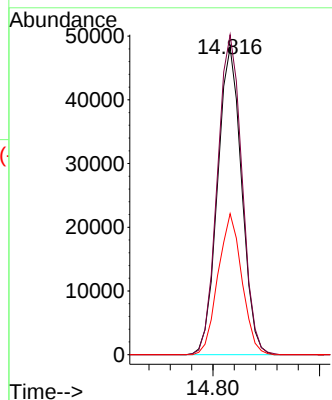


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.816 min Scan# 1928
Delta R.T. -0.022 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

Instrument :
BNA_G
ClientSampleId :

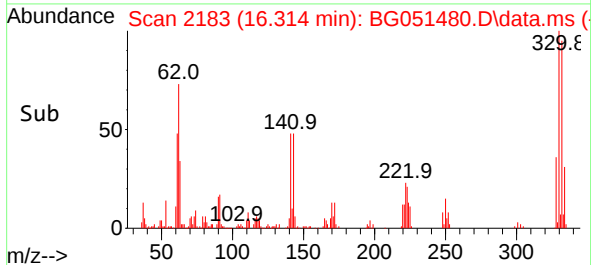
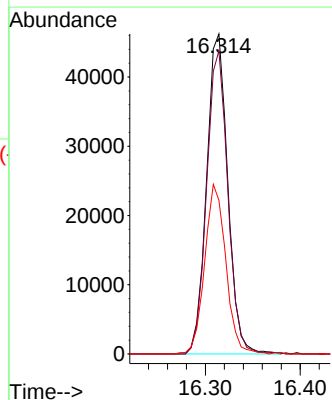
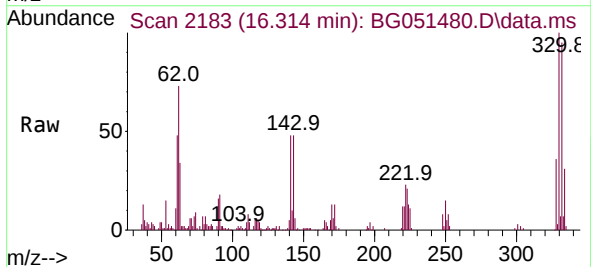


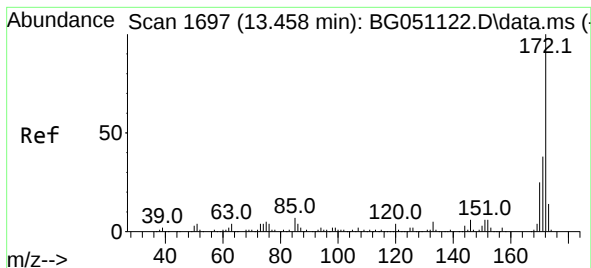
Tgt Ion:164 Resp: 75556
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.0
160 45.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 89.400 ng
RT: 16.314 min Scan# 2183
Delta R.T. -0.017 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

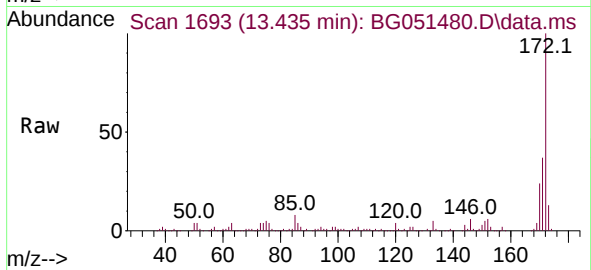
Tgt Ion:330 Resp: 71794
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 53.0 35.6 53.4



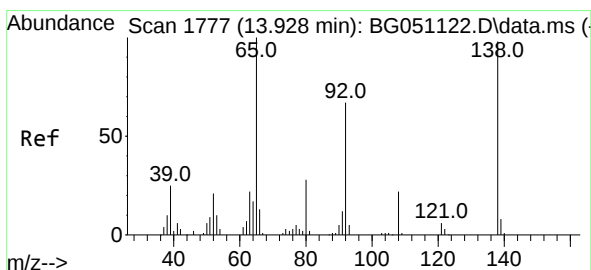
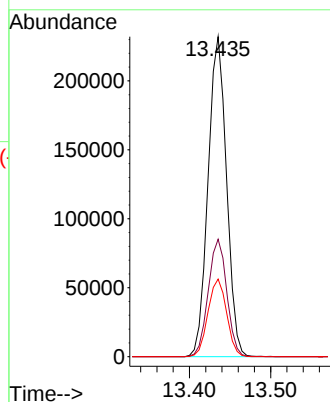
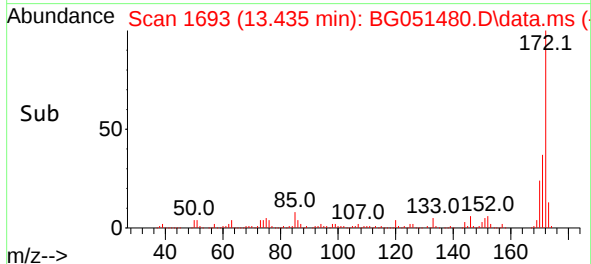


#45
2-Fluorobiphenyl
Concen: 72.988 ng
RT: 13.435 min Scan# 1
Delta R.T. -0.022 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

Instrument :
BNA_G
ClientSampleId :

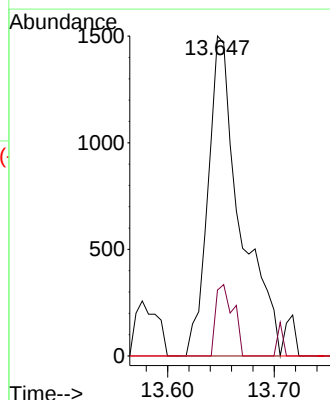
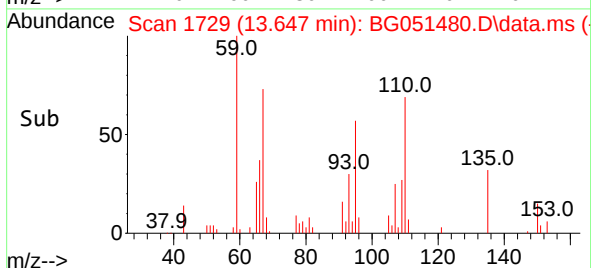
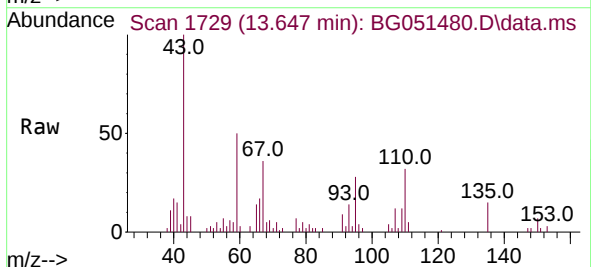


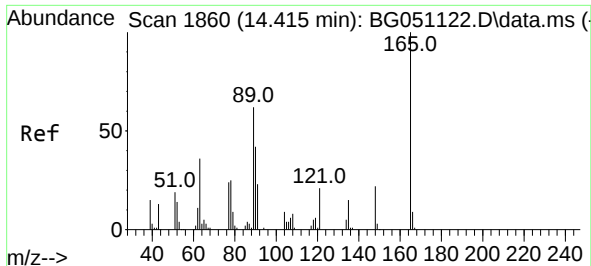
Tgt Ion:172 Resp: 365459
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.2 18.6 27.8



#48
2-Nitroaniline
Concen: 2.035 ng
RT: 13.647 min Scan# 1729
Delta R.T. -0.281 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

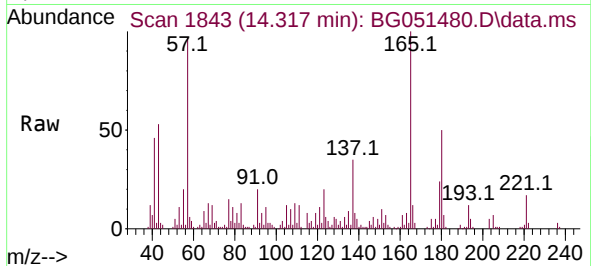
Tgt Ion: 65 Resp: 3162
Ion Ratio Lower Upper
65 100
92 20.6 47.2 70.8#
138 0.0 68.0 102.0#



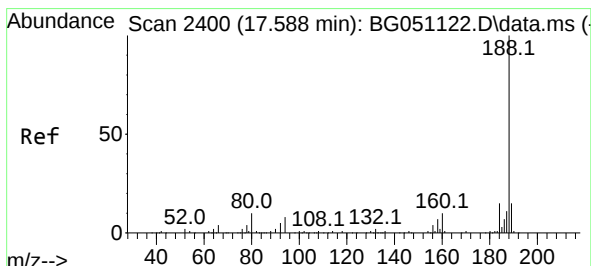
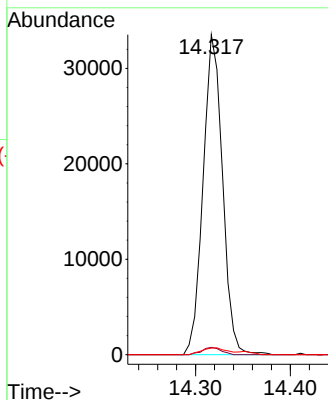
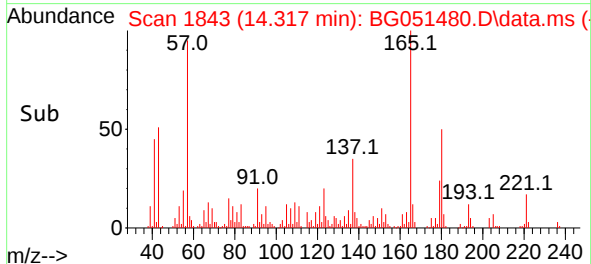


#51
2,6-Dinitrotoluene
Concen: 39.238 ng
RT: 14.317 min Scan# 11
Delta R.T. -0.099 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

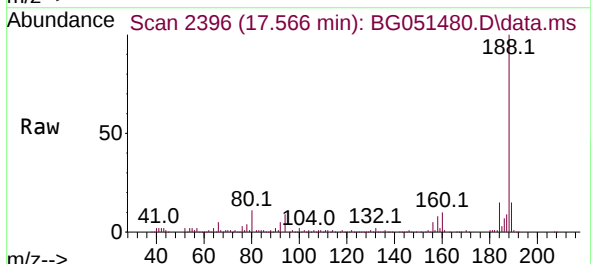
Instrument :
BNA_G
ClientSampleId :



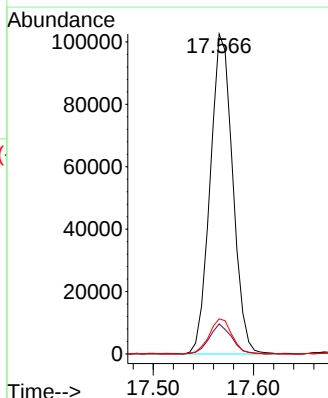
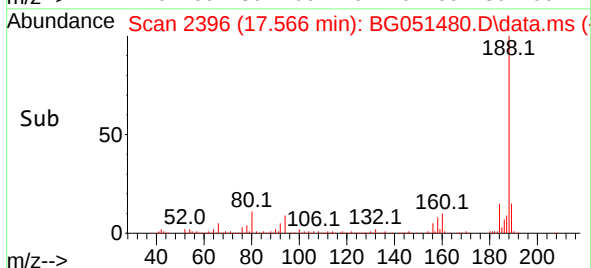
Tgt Ion:165 Resp: 47706
Ion Ratio Lower Upper
165 100
63 2.3 63.3 94.9#
89 2.0 63.4 95.0#

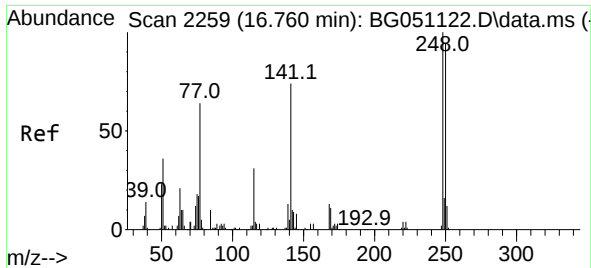


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.566 min Scan# 2396
Delta R.T. -0.022 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15



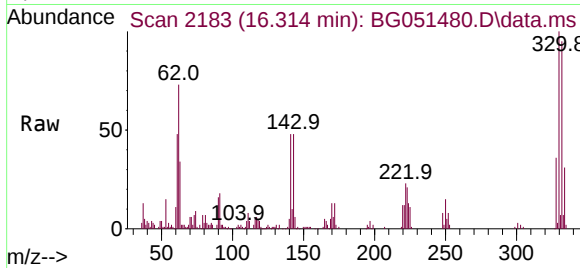
Tgt Ion:188 Resp: 160300
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 10.9 3.7 5.5#



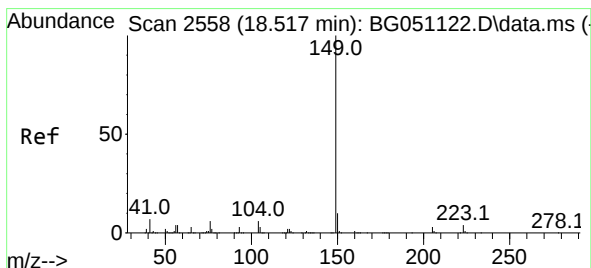
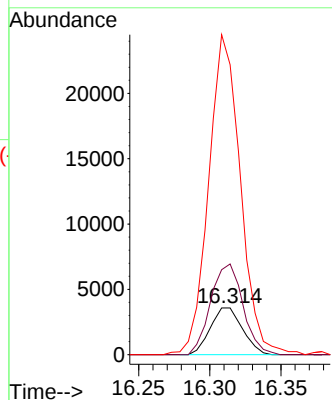
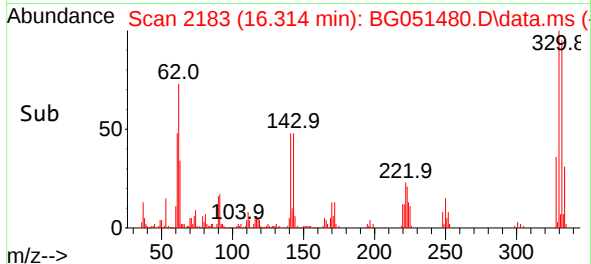


#67
4-Bromophenyl-phenylether
Concen: 3.249 ng
RT: 16.314 min Scan# 2183
Delta R.T. -0.446 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

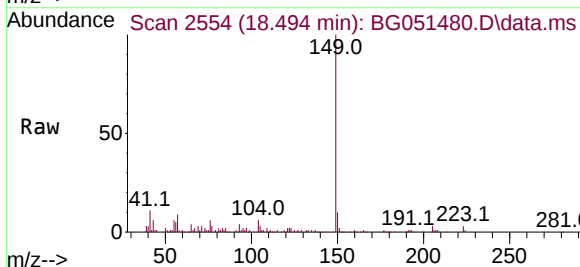
Instrument :
BNA_G
ClientSampleId :



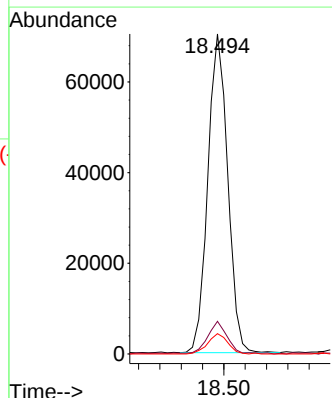
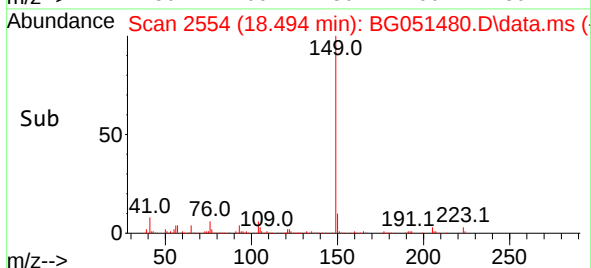
Tgt Ion:248 Resp: 5633
Ion Ratio Lower Upper
248 100
250 193.8 76.1 114.1#
141 619.5 65.4 98.2#

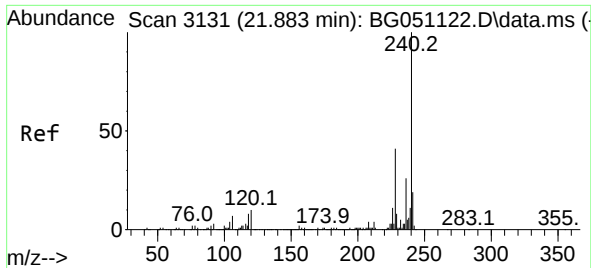


#74
Di-n-butylphthalate
Concen: 8.938 ng
RT: 18.494 min Scan# 2554
Delta R.T. -0.022 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15



Tgt Ion:149 Resp: 90977
Ion Ratio Lower Upper
149 100
150 10.2 7.5 11.3
104 6.3 6.6 10.0#

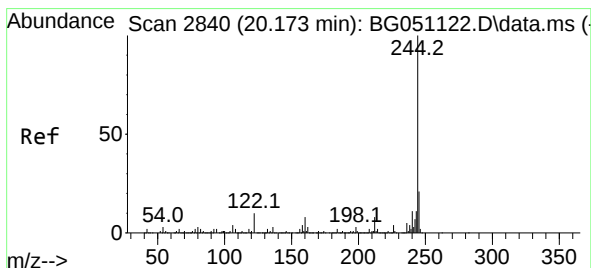
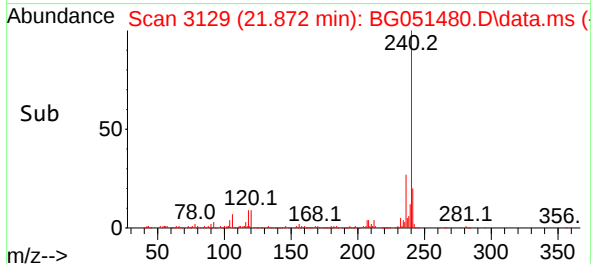
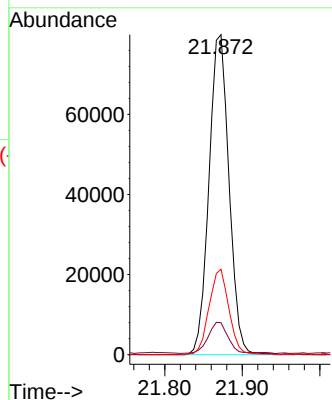
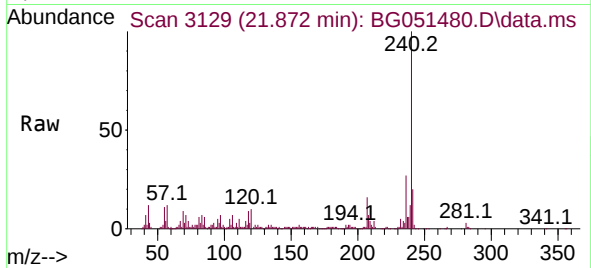




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.872 min Scan# 3131
Delta R.T. -0.011 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

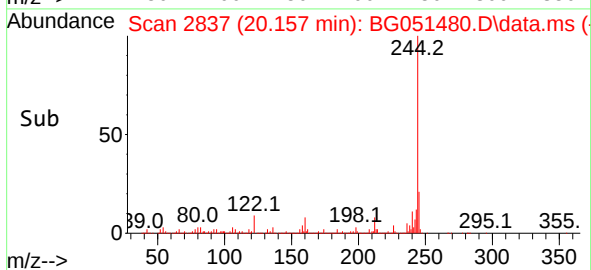
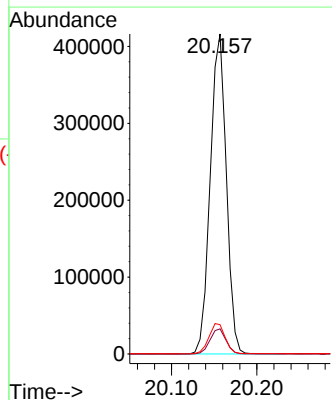
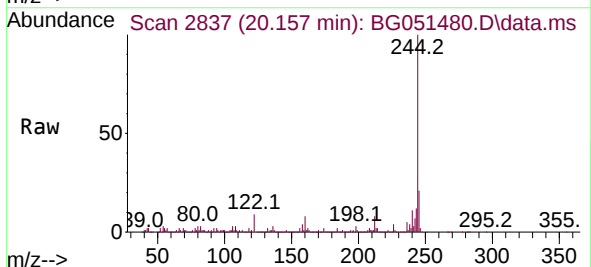
Instrument :
BNA_G
ClientSampleId :

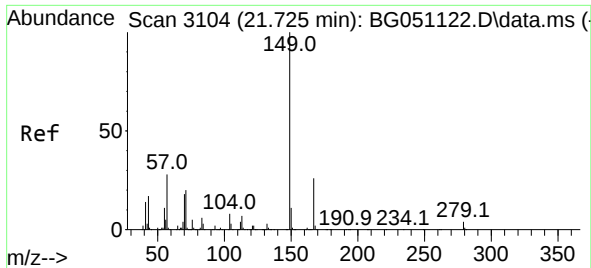
Tgt Ion:240 Resp: 143493
Ion Ratio Lower Upper
240 100
120 10.0 4.2 6.2#
236 26.7 21.8 32.6



#79
Terphenyl-d14
Concen: 69.417 ng
RT: 20.157 min Scan# 2837
Delta R.T. -0.017 min
Lab File: BG051480.D
Acq: 11 Dec 2021 15:15

Tgt Ion:244 Resp: 544878
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 9.2 5.0 7.6#

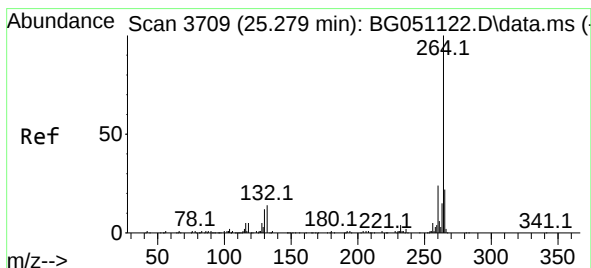
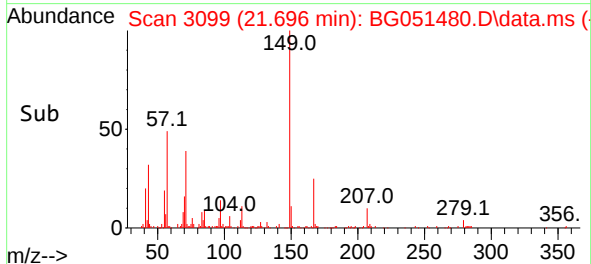
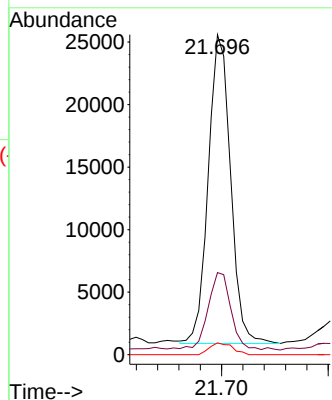
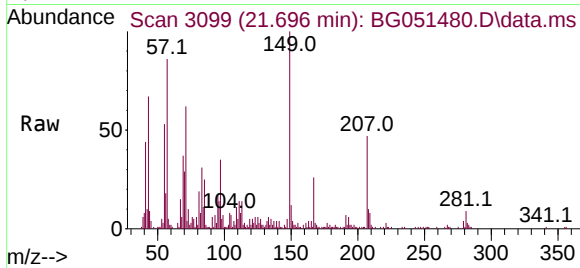




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.804 ng
 RT: 21.696 min Scan# 3099
 Delta R.T. -0.028 min
 Lab File: BG051480.D
 Acq: 11 Dec 2021 15:15

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:149 Resp: 35871
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.3 33.5
 279 3.7 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: BG051480.D
 Acq: 11 Dec 2021 15:15

Tgt Ion:264 Resp: 147572
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.6 16.9 25.3

