

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052499.D
 Acq On : 28 Feb 2022 13:35
 Operator : CG/JU
 Sample : N1664-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Mar 01 00:59:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

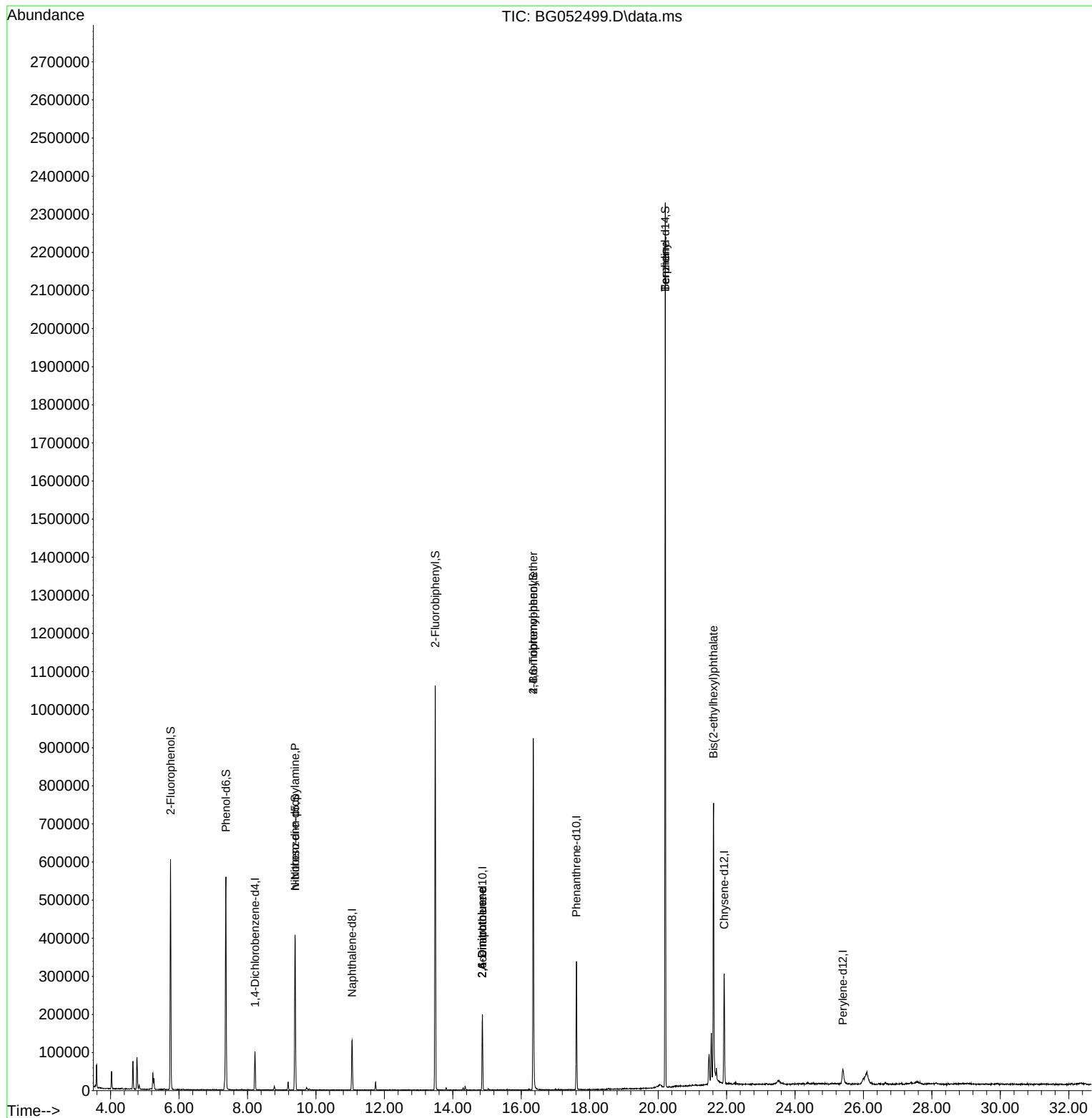
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	29939	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	117273	20.000	ng	#-0.02
39) Acenaphthene-d10	14.864	164	67290	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	206538	20.000	ng	0.00
76) Chrysene-d12	21.931	240	184184	20.000	ng	0.00
86) Perylene-d12	25.397	264	26283	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.753	112	261380	152.159	ng	0.00
7) Phenol-d6	7.368	99	314124	118.516	ng	0.00
23) Nitrobenzene-d5	9.389	82	261401	96.875	ng	0.00
42) 2,4,6-Tribromophenol	16.350	330	195947	202.691	ng	0.00
45) 2-Fluorobiphenyl	13.489	172	582447	120.275	ng	0.00
79) Terphenyl-d14	20.210	244	1180806	113.210	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.389	70	36615	18.324	ng	# 73
51) 2,6-Dinitrotoluene	14.858	165	8946	8.042	ng	# 16
57) 2,4-Dinitrotoluene	14.858	165	8946	5.651	ng	# 15
67) 4-Bromophenyl-phenylether	16.350	248	12651	5.037	ng	# 1
77) Benzidine	20.210	184	17236	4.380	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.620	149	338114	56.959	ng	# 54

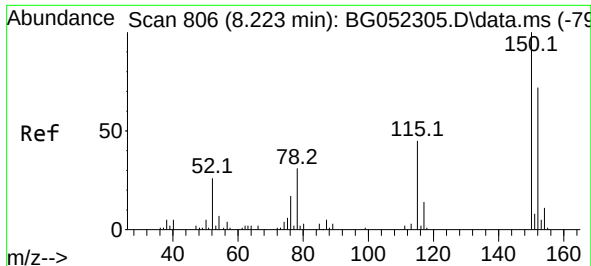
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
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Misc :
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Quant Time: Mar 01 00:59:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

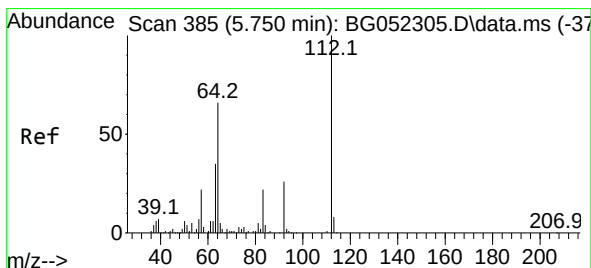
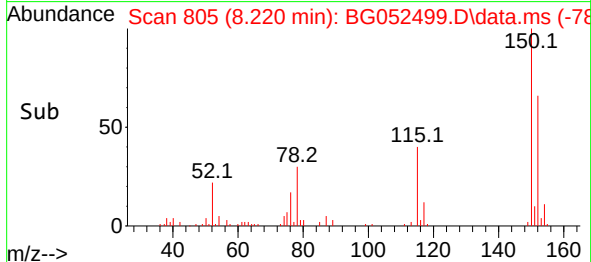
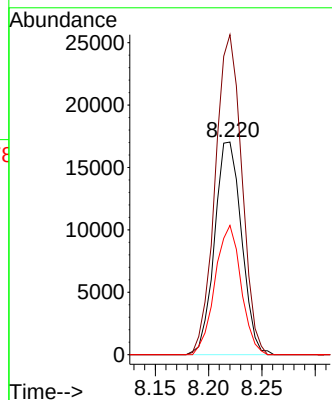
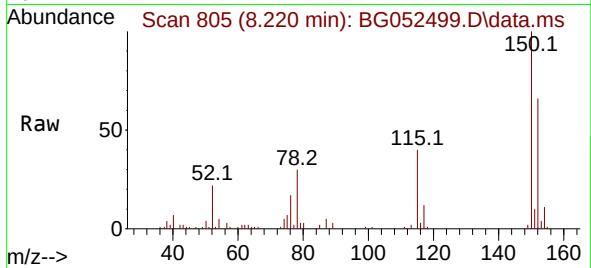




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

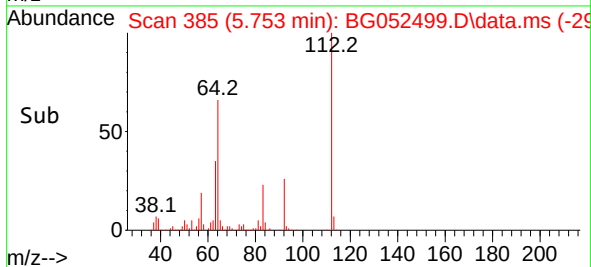
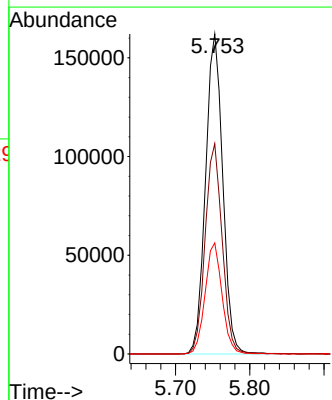
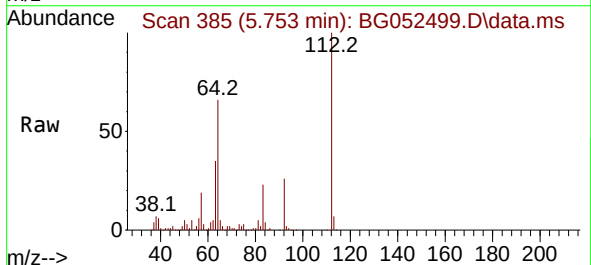
Instrument :
BNA_G
ClientSampleId :
TP-6

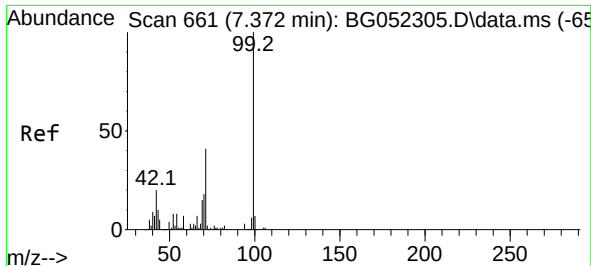
Tgt Ion:152 Resp: 29939
Ion Ratio Lower Upper
152 100
150 150.5 117.8 176.8
115 60.8 50.2 75.2



#5
2-Fluorophenol
Concen: 152.159 ng
RT: 5.753 min Scan# 385
Delta R.T. 0.003 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

Tgt Ion:112 Resp: 261380
Ion Ratio Lower Upper
112 100
64 65.7 60.4 90.6
63 34.7 33.3 49.9

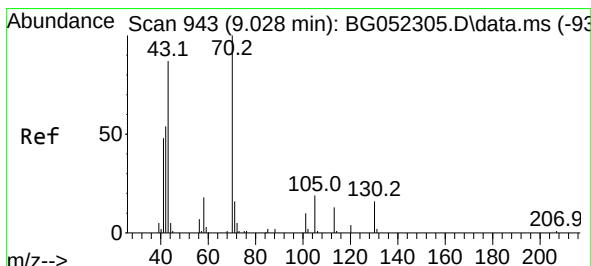
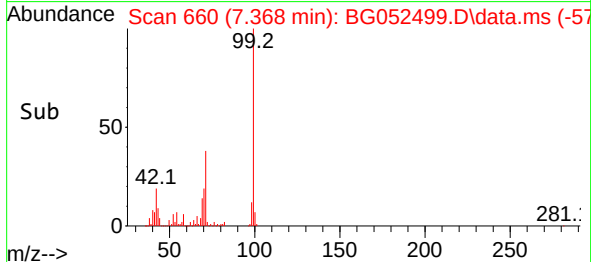
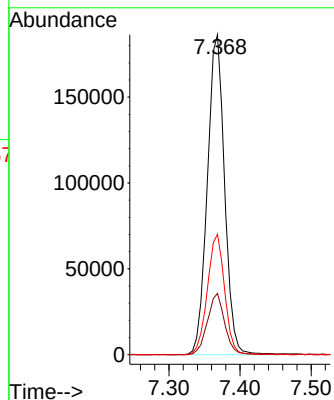
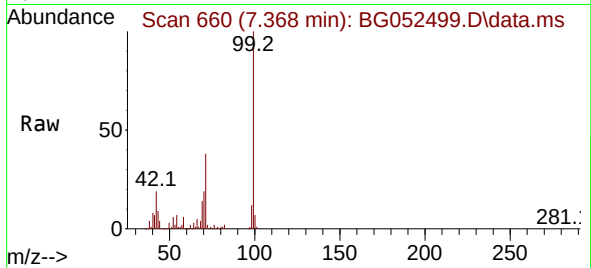




#7
Phenol-d6
Concen: 118.516 ng
RT: 7.368 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

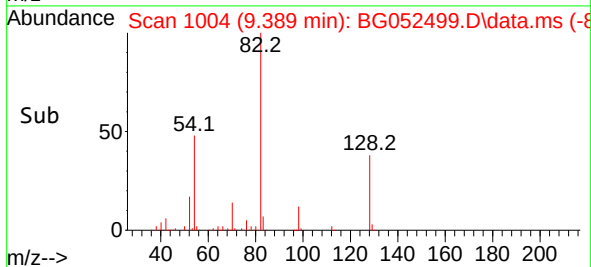
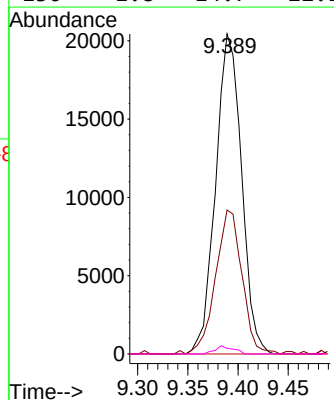
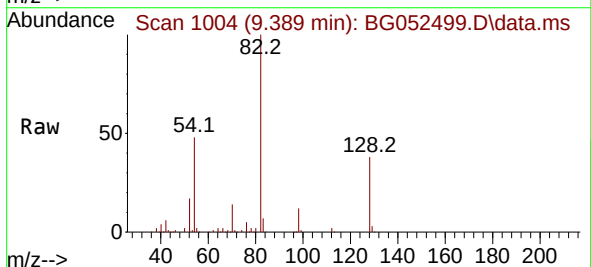
Instrument :
BNA_G
ClientSampleId :
TP-6

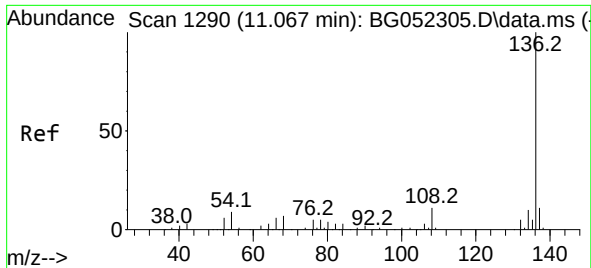
Tgt Ion: 99 Resp: 314124
Ion Ratio Lower Upper
99 100
42 19.2 19.1 28.7
71 37.6 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.324 ng
RT: 9.389 min Scan# 1004
Delta R.T. 0.361 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

Tgt Ion: 70 Resp: 36615
Ion Ratio Lower Upper
70 100
42 45.0 51.8 77.6#
101 0.0 6.6 10.0#
130 1.8 14.7 22.1#

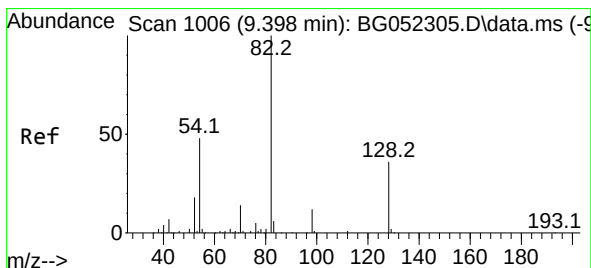
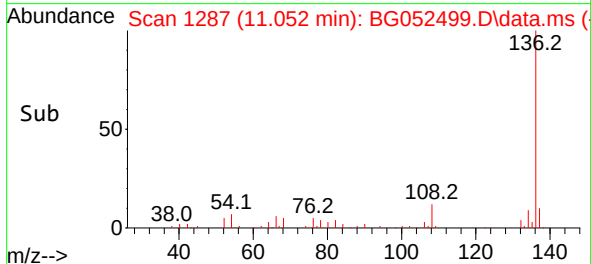
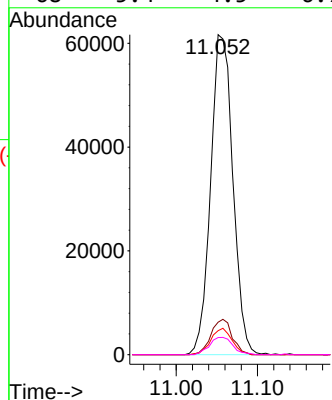
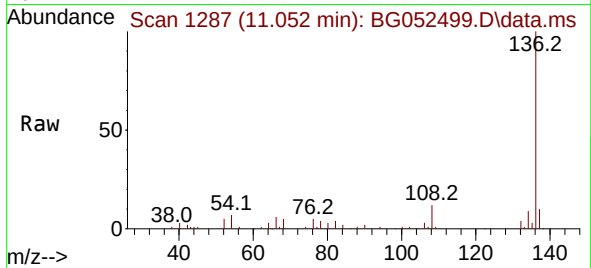




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

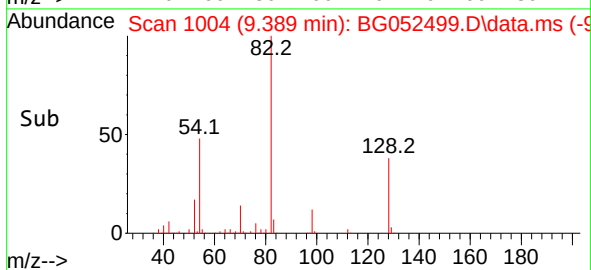
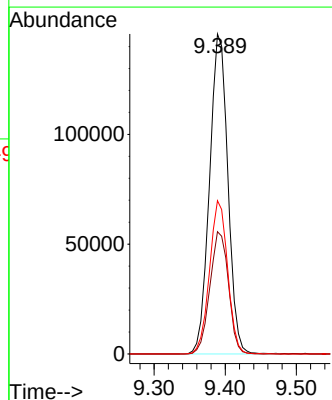
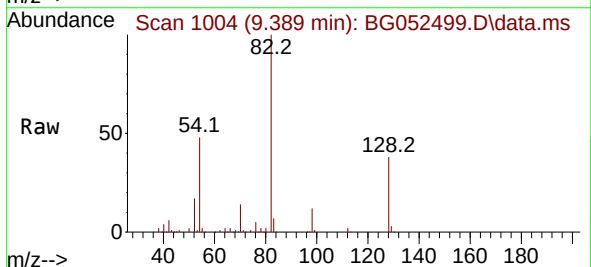
Instrument :
BNA_G
ClientSampleId :
TP-6

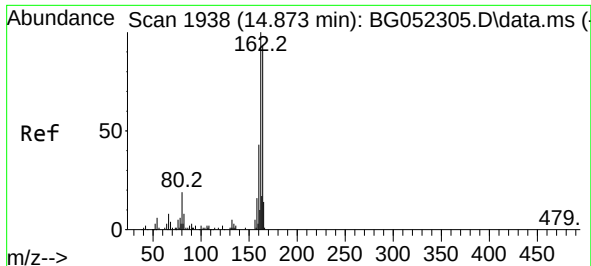
Tgt Ion:136 Resp: 117273
Ion Ratio Lower Upper
136 100
137 10.2 9.1 13.7
54 7.5 8.3 12.5#
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 96.875 ng
RT: 9.389 min Scan# 1004
Delta R.T. -0.009 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

Tgt Ion: 82 Resp: 261401
Ion Ratio Lower Upper
82 100
128 38.2 27.0 40.4
54 47.9 41.0 61.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.864 min Scan# 1936

Delta R.T. -0.009 min

Lab File: BG052499.D

Acq: 28 Feb 2022 13:35

Instrument :

BNA_G

ClientSampleId :

TP-6

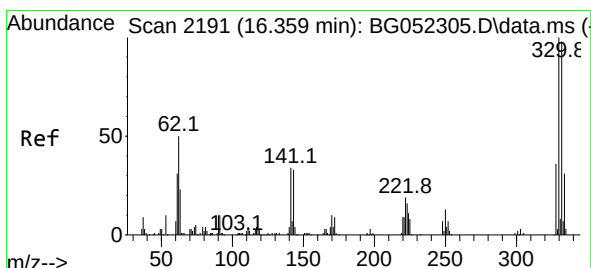
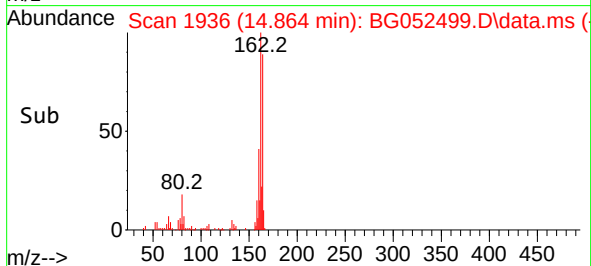
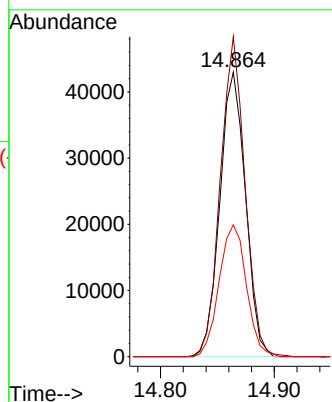
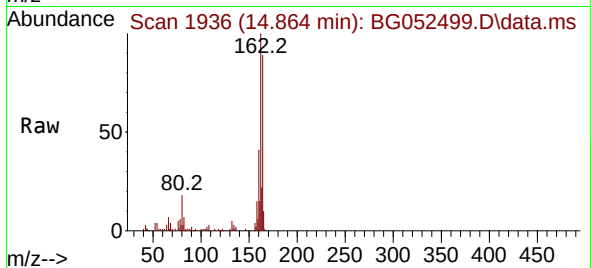
Tgt Ion:164 Resp: 67290

Ion Ratio Lower Upper

164 100

162 112.4 82.2 123.2

160 46.3 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 202.691 ng

RT: 16.350 min Scan# 2189

Delta R.T. -0.009 min

Lab File: BG052499.D

Acq: 28 Feb 2022 13:35

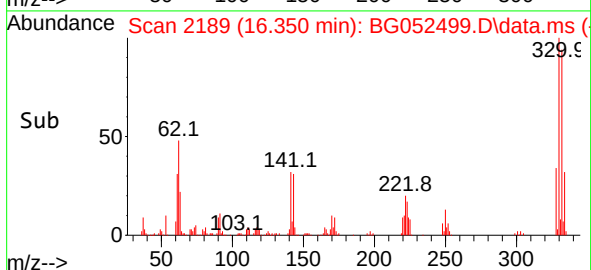
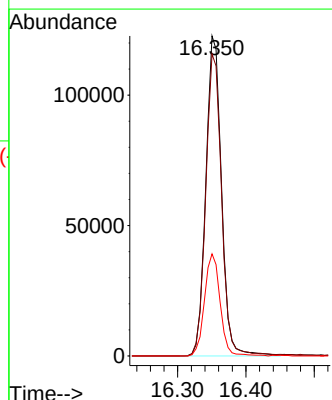
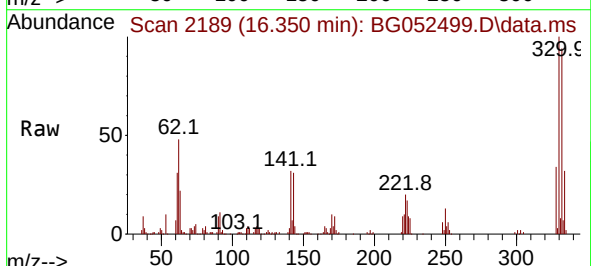
Tgt Ion:330 Resp: 195947

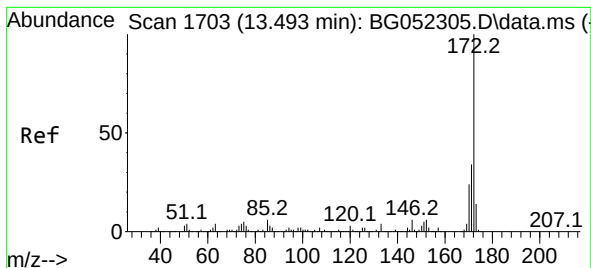
Ion Ratio Lower Upper

330 100

332 96.4 78.6 117.8

141 31.8 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 120.275 ng

RT: 13.489 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG052499.D

Acq: 28 Feb 2022 13:35

Instrument :

BNA_G

ClientSampleId :

TP-6

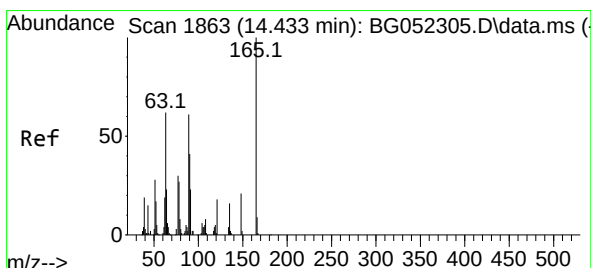
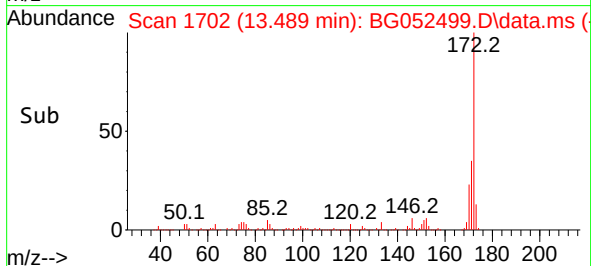
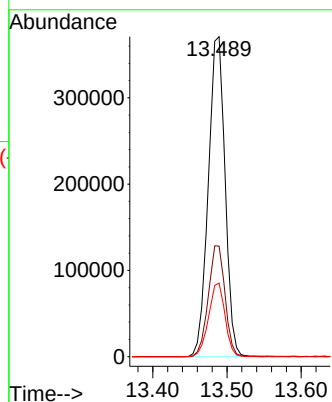
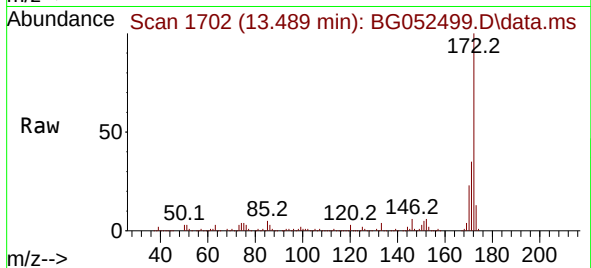
Tgt Ion:172 Resp: 582447

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.0 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 8.042 ng

RT: 14.858 min Scan# 1935

Delta R.T. 0.426 min

Lab File: BG052499.D

Acq: 28 Feb 2022 13:35

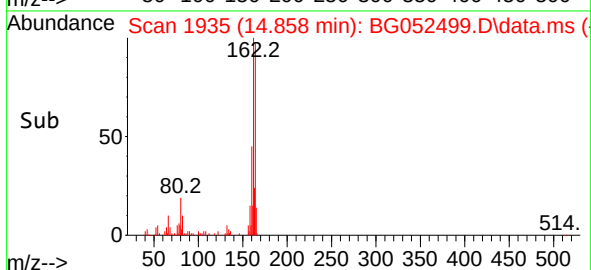
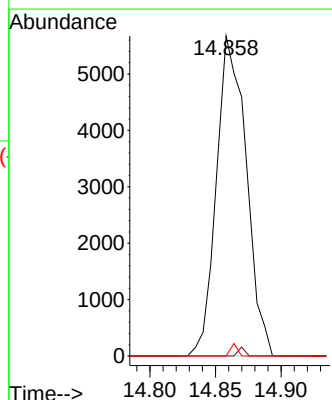
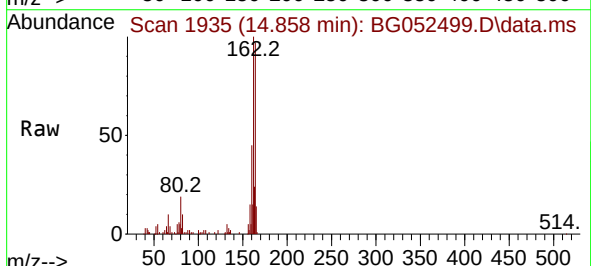
Tgt Ion:165 Resp: 8946

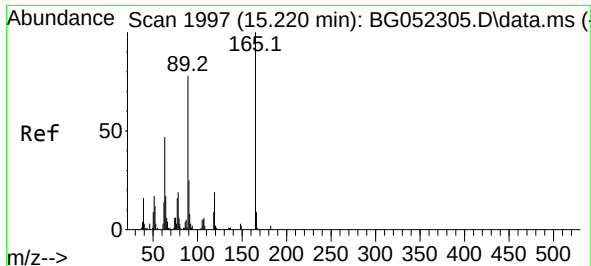
Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 0.0 49.4 74.0#

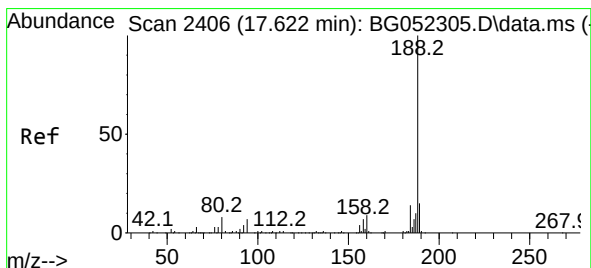
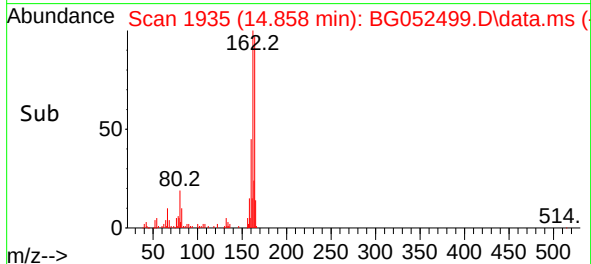
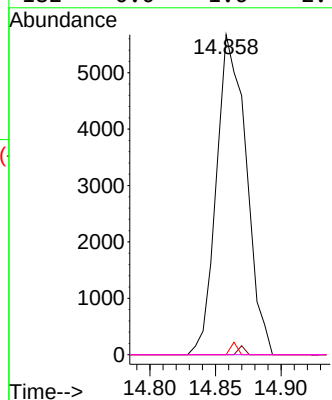
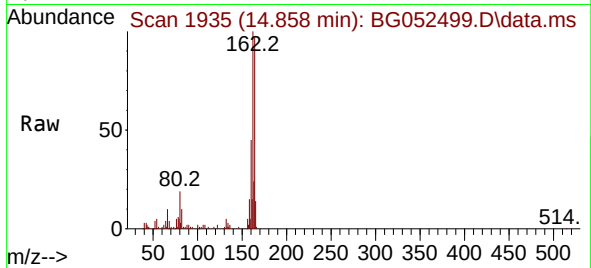




#57
2,4-Dinitrotoluene
Concen: 5.651 ng
RT: 14.858 min Scan# 1997
Delta R.T. -0.362 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

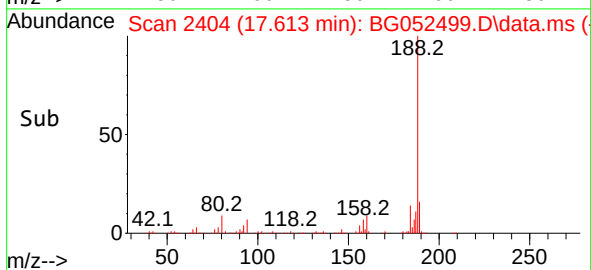
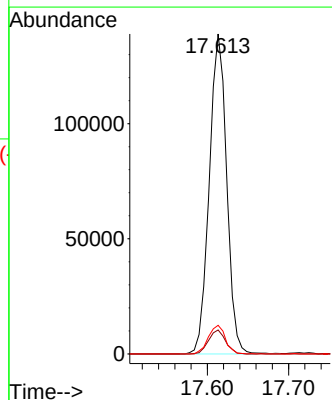
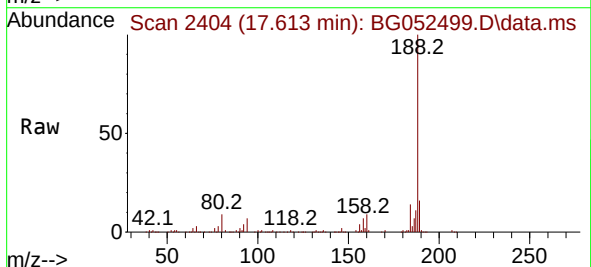
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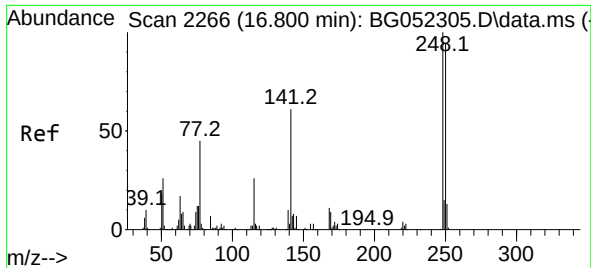
Tgt Ion:165 Resp: 8946
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

Tgt Ion:188 Resp: 206538
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 8.9 6.6 10.0

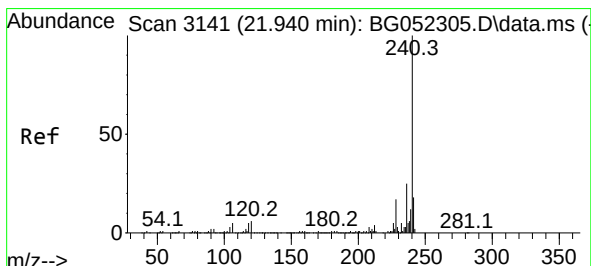
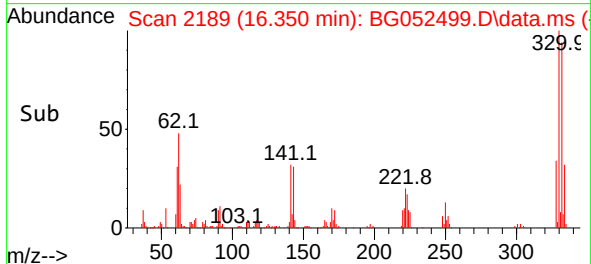
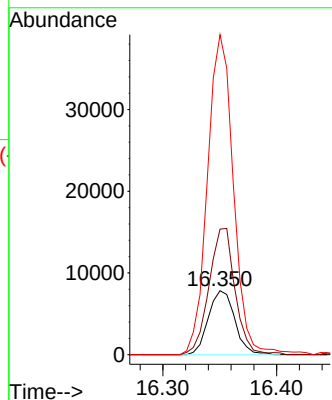
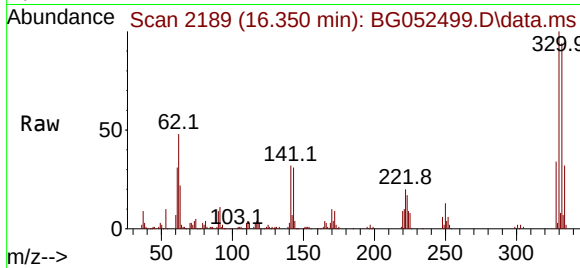




#67
4-Bromophenyl-phenylether
Concen: 5.037 ng
RT: 16.350 min Scan# 2189
Delta R.T. -0.450 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

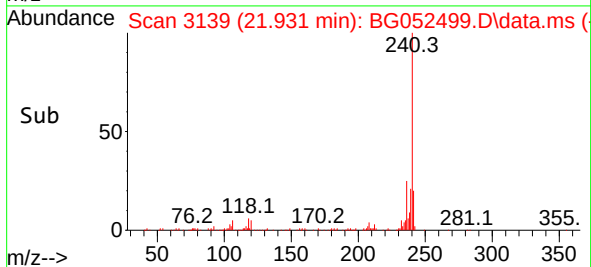
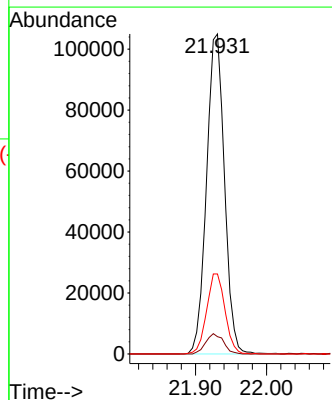
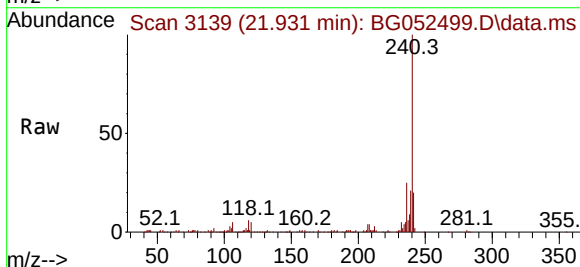
Instrument :
BNA_G
ClientSampleId :
TP-6

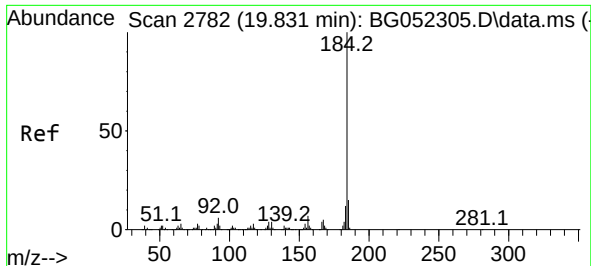
Tgt Ion:248 Resp: 12651
Ion Ratio Lower Upper
248 100
250 196.1 79.6 119.4#
141 499.4 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3139
Delta R.T. -0.009 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

Tgt Ion:240 Resp: 184184
Ion Ratio Lower Upper
240 100
120 5.4 4.4 6.6
236 25.0 20.8 31.2

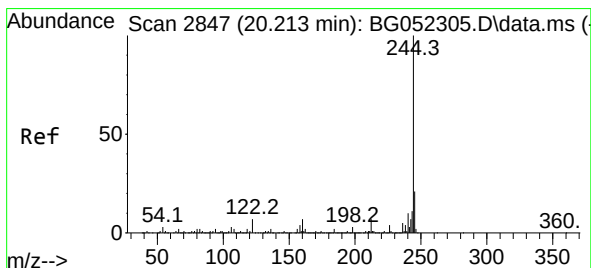
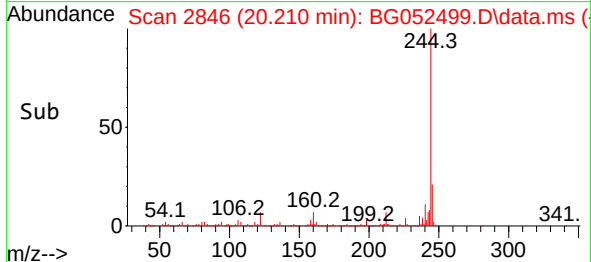
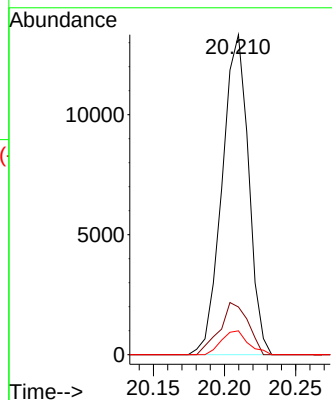
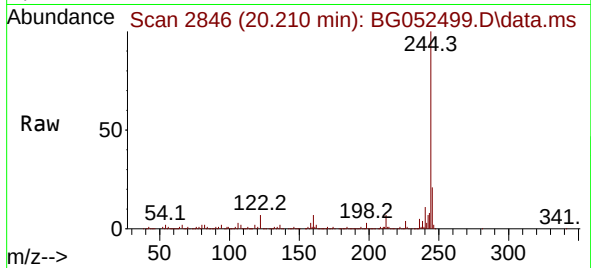




#77
Benzidine
Concen: 4.380 ng
RT: 20.210 min Scan# 2846
Delta R.T. 0.379 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

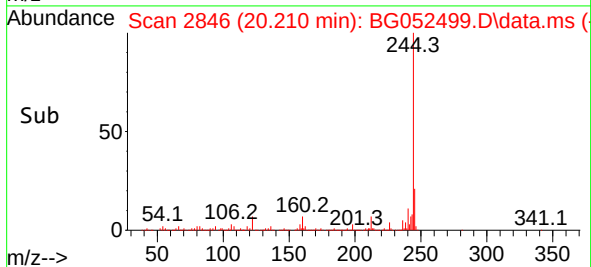
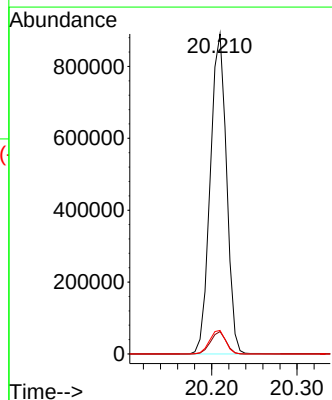
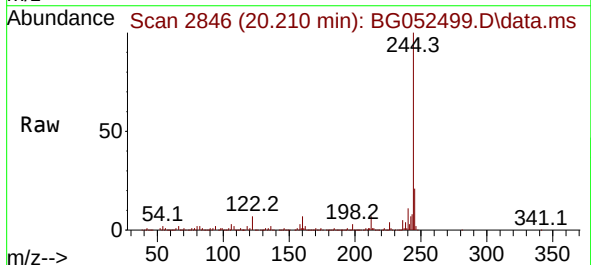
Instrument :
BNA_G
ClientSampleId :
TP-6

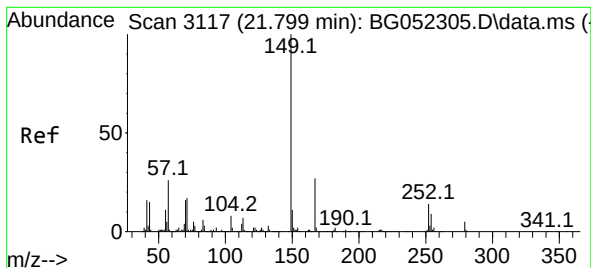
Tgt Ion:184 Resp: 17236
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.8
183 7.5 9.8 14.6#



#79
Terphenyl-d14
Concen: 113.210 ng
RT: 20.210 min Scan# 2846
Delta R.T. -0.003 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

Tgt Ion:244 Resp: 1180806
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 7.4 6.2 9.4

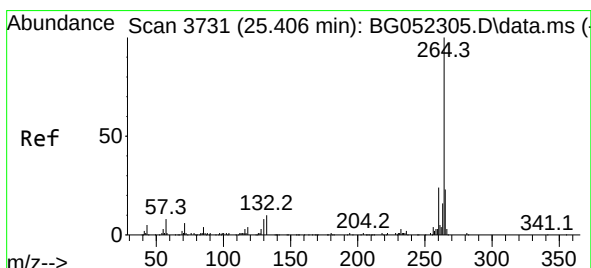
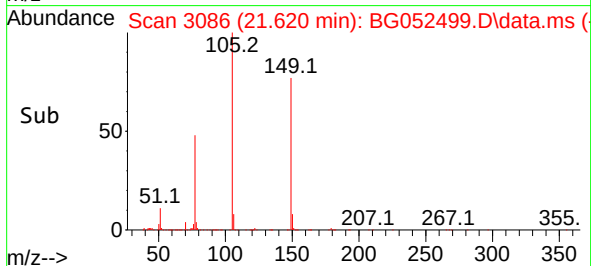
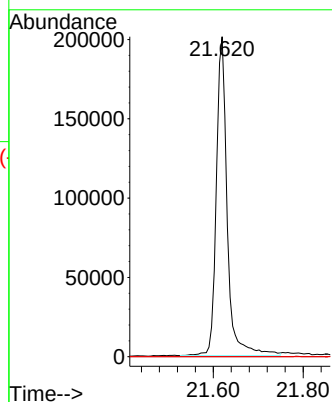
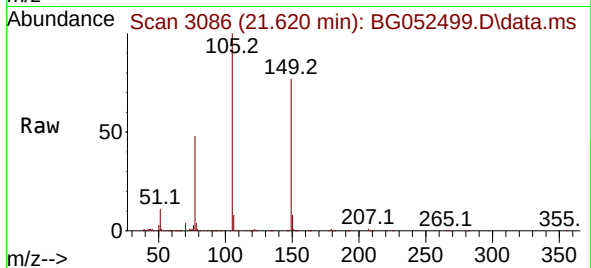




#84
Bis(2-ethylhexyl)phthalate
Concen: 56.959 ng
RT: 21.620 min Scan# 3086
Delta R.T. -0.180 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:149 Resp: 338114
Ion Ratio Lower Upper
149 100
167 0.0 21.4 32.0#
279 0.0 4.2 6.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.397 min Scan# 3729
Delta R.T. -0.009 min
Lab File: BG052499.D
Acq: 28 Feb 2022 13:35

Tgt Ion:264 Resp: 26283
Ion Ratio Lower Upper
264 100
260 29.6 18.5 27.7#
265 19.1 17.8 26.6

