

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052502.D
 Acq On : 28 Feb 2022 15:31
 Operator : CG/JU
 Sample : N1664-26
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Quant Time: Mar 01 00:59:41 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)

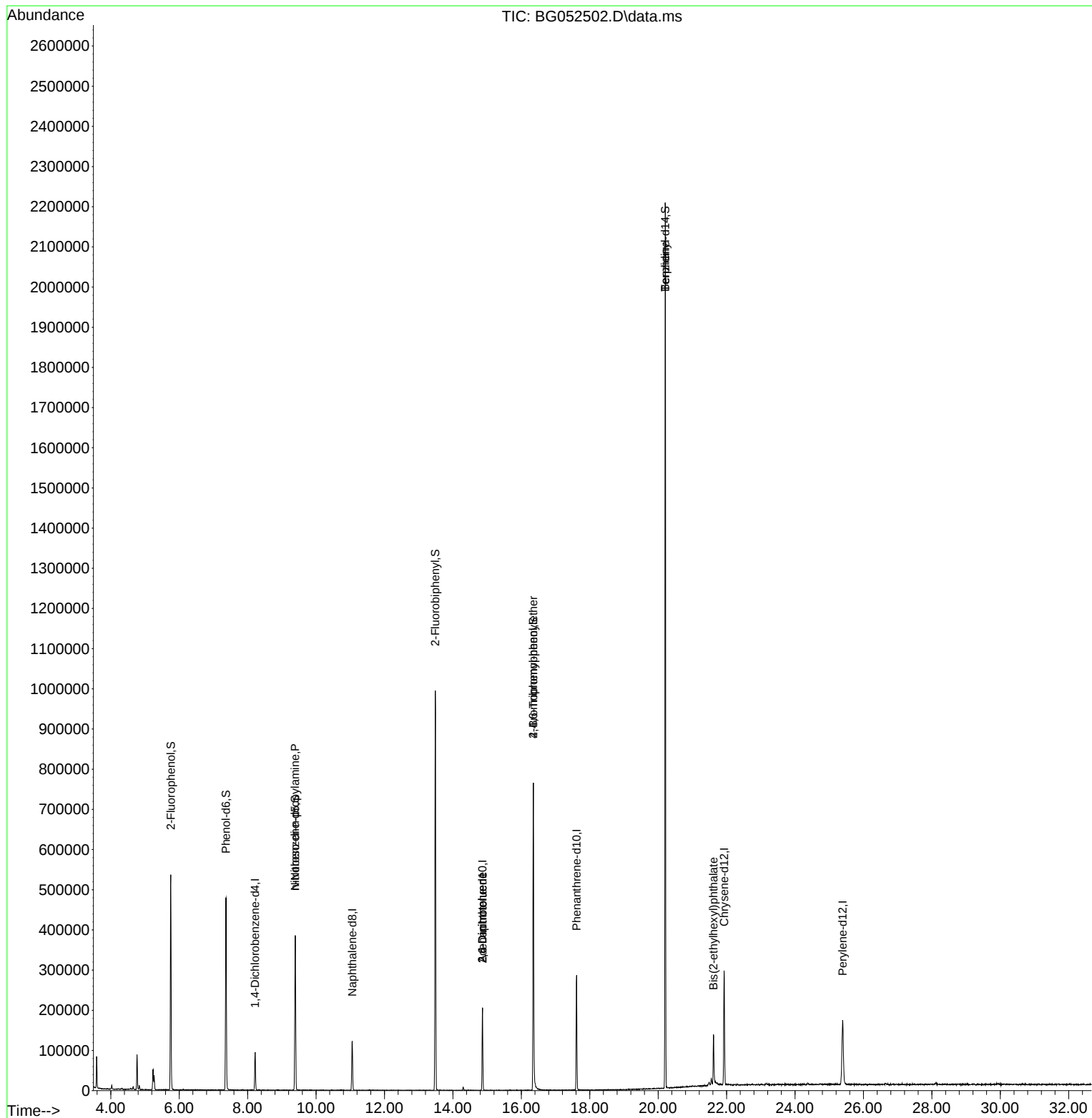
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	27125	20.000	ng	0.00
21) Naphthalene-d8	11.059	136	108098	20.000	ng	# 0.00
39) Acenaphthene-d10	14.866	164	71997	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	189682	20.000	ng	0.00
76) Chrysene-d12	21.927	240	194033	20.000	ng	-0.01
86) Perylene-d12	25.393	264	191189	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	229615	147.534	ng	0.00
7) Phenol-d6	7.364	99	283938	118.241	ng	0.00
23) Nitrobenzene-d5	9.391	82	244950	98.483	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	169978	164.333	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	544638	105.114	ng	0.00
79) Terphenyl-d14	20.212	244	1151277	104.776	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.391	70	33202	18.340	ng	# 73
51) 2,6-Dinitrotoluene	14.866	165	10365	8.709	ng	# 18
57) 2,4-Dinitrotoluene	14.866	165	10365	6.119	ng	# 17
67) 4-Bromophenyl-phenylether	16.352	248	10404	4.510	ng	# 1
77) Benzidine	20.206	184	16594	4.002	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.616	149	60938	9.745	ng	# 54

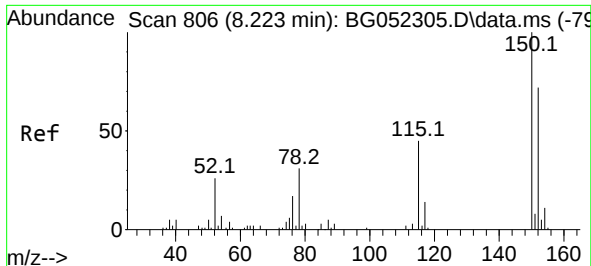
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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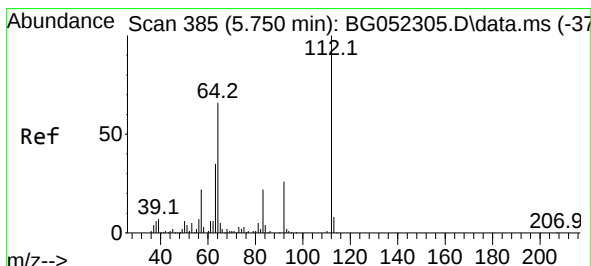
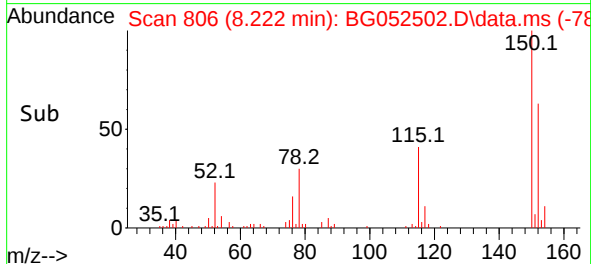
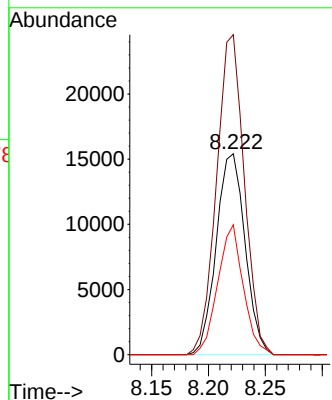
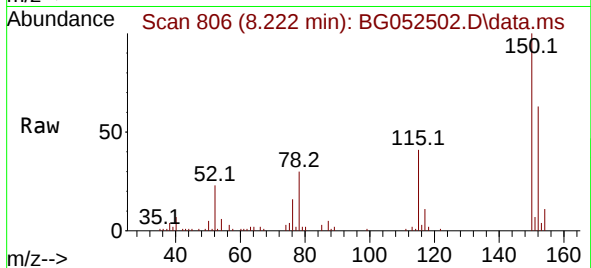




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

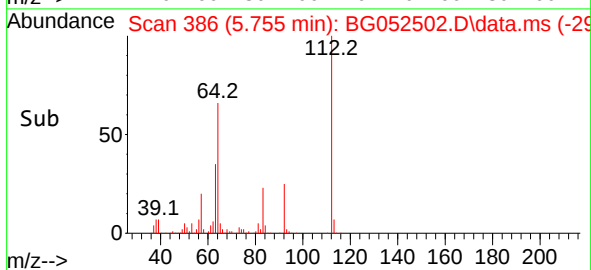
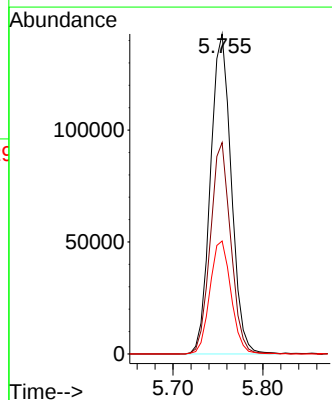
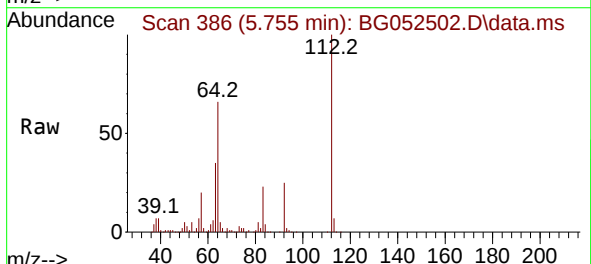
Instrument :
BNA_G
ClientSampleId :
TP-9

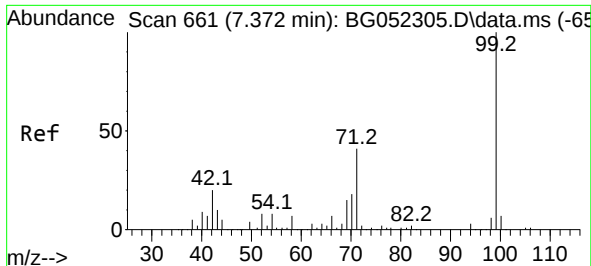
Tgt Ion:152 Resp: 27125
Ion Ratio Lower Upper
152 100
150 159.2 117.8 176.8
115 64.6 50.2 75.2



#5
2-Fluorophenol
Concen: 147.534 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

Tgt Ion:112 Resp: 229615
Ion Ratio Lower Upper
112 100
64 66.1 60.4 90.6
63 35.3 33.3 49.9

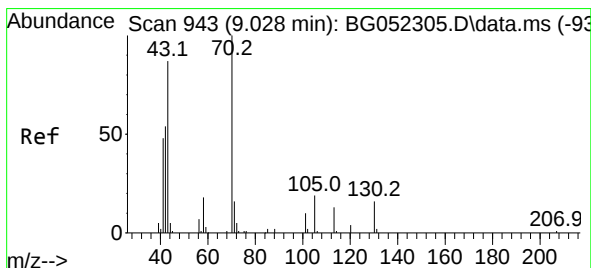
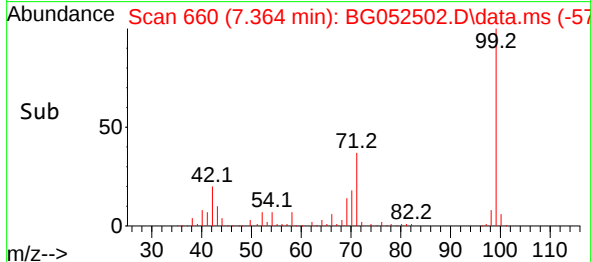
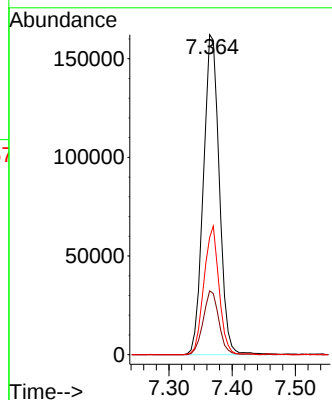
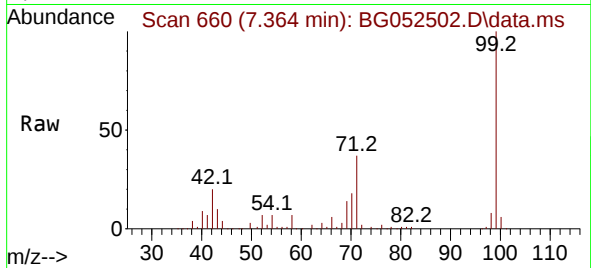




#7
Phenol-d6
Concen: 118.241 ng
RT: 7.364 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

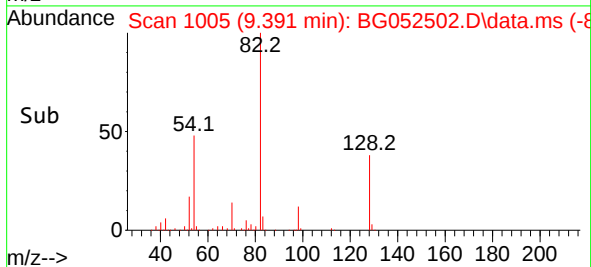
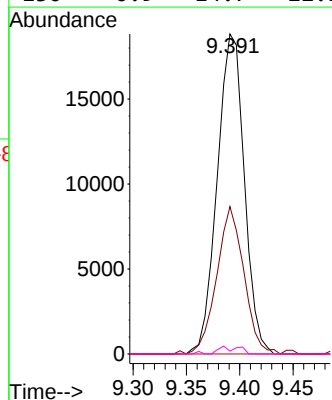
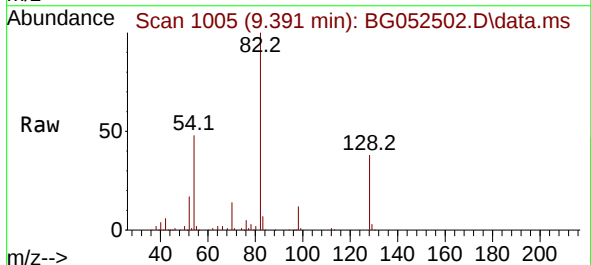
Instrument :
BNA_G
ClientSampleId :
TP-9

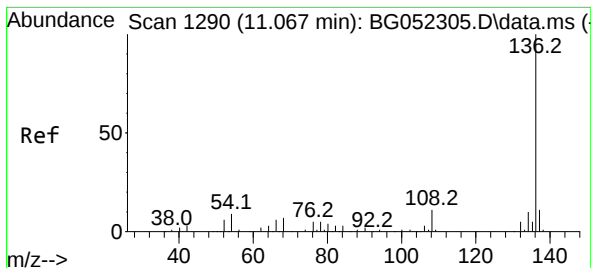
Tgt Ion: 99 Resp: 283938
Ion Ratio Lower Upper
99 100
42 19.9 19.1 28.7
71 36.6 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.340 ng
RT: 9.391 min Scan# 1005
Delta R.T. 0.363 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

Tgt Ion: 70 Resp: 33202
Ion Ratio Lower Upper
70 100
42 46.1 51.8 77.6#
101 0.0 6.6 10.0#
130 0.9 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.059 min Scan# 1105

Delta R.T. -0.008 min

Lab File: BG052502.D

Acq: 28 Feb 2022 15:31

Instrument :

BNA_G

ClientSampleId :

TP-9

Tgt Ion:136 Resp: 108098

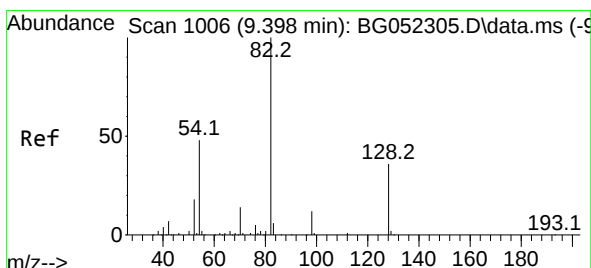
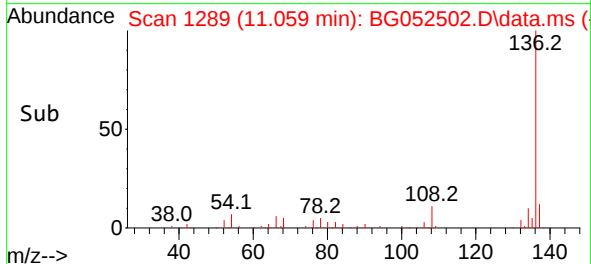
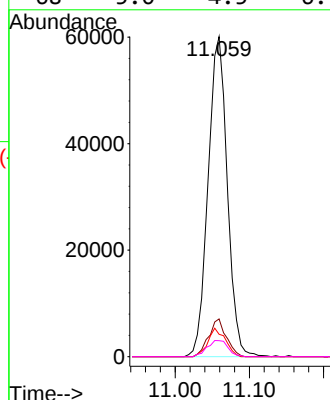
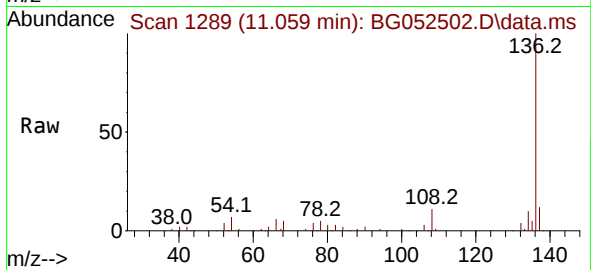
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 7.0 8.3 12.5#

68 5.0 4.5 6.7



#23

Nitrobenzene-d5

Concen: 98.483 ng

RT: 9.391 min Scan# 1005

Delta R.T. -0.007 min

Lab File: BG052502.D

Acq: 28 Feb 2022 15:31

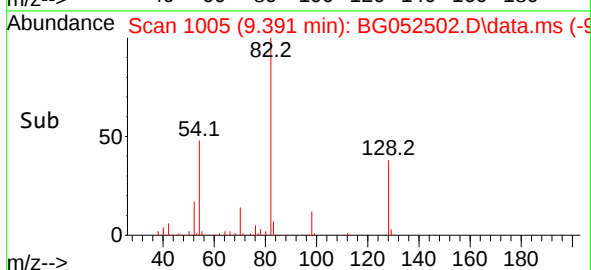
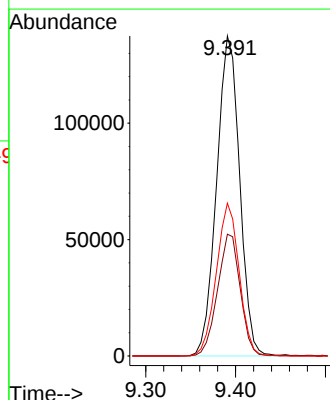
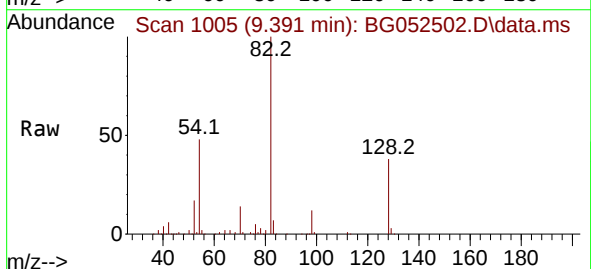
Tgt Ion: 82 Resp: 244950

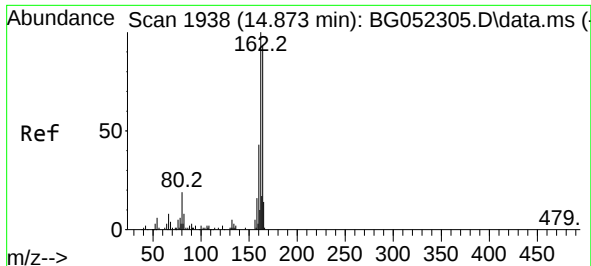
Ion Ratio Lower Upper

82 100

128 38.0 27.0 40.4

54 47.8 41.0 61.6

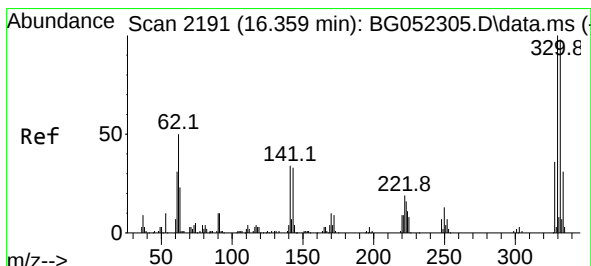
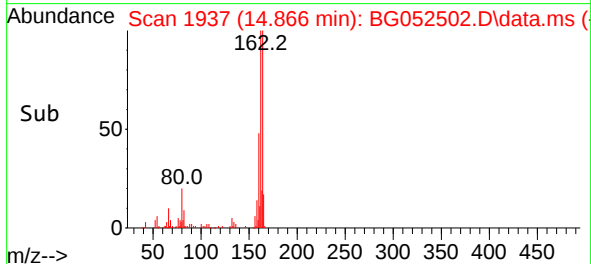
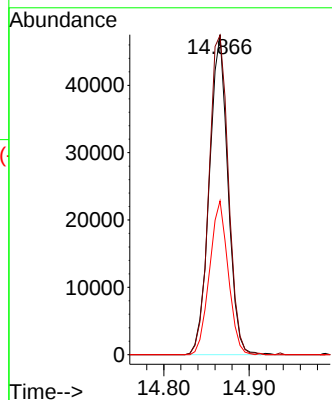
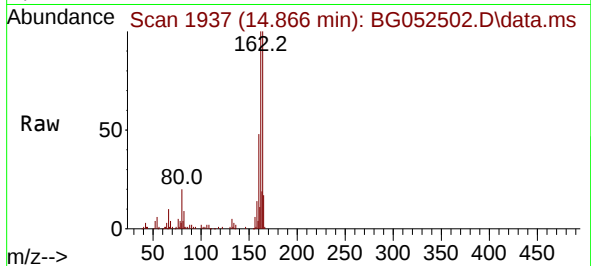




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1937
Delta R.T. -0.007 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

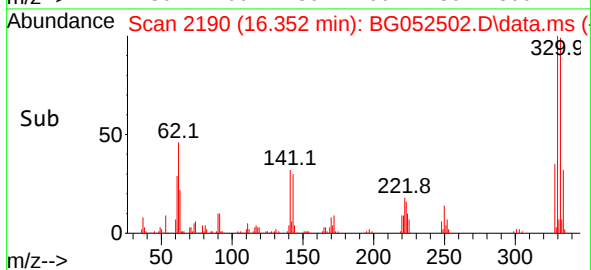
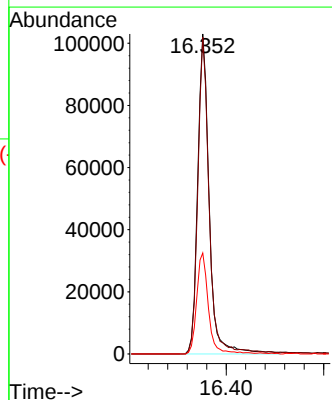
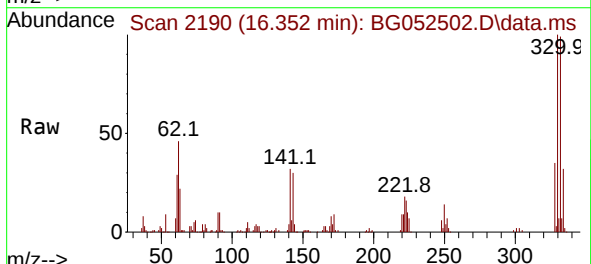
Instrument :
BNA_G
ClientSampleId :
TP-9

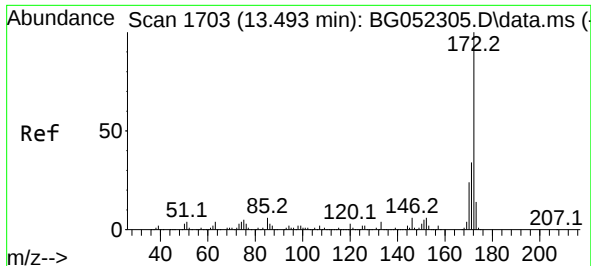
Tgt Ion:164 Resp: 71997
Ion Ratio Lower Upper
164 100
162 99.8 82.2 123.2
160 48.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 164.333 ng
RT: 16.352 min Scan# 2190
Delta R.T. -0.007 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

Tgt Ion:330 Resp: 169978
Ion Ratio Lower Upper
330 100
332 94.4 78.6 117.8
141 32.1 28.8 43.2

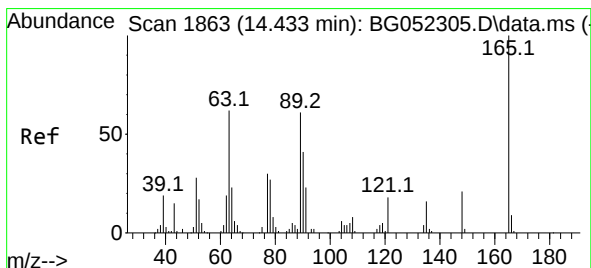
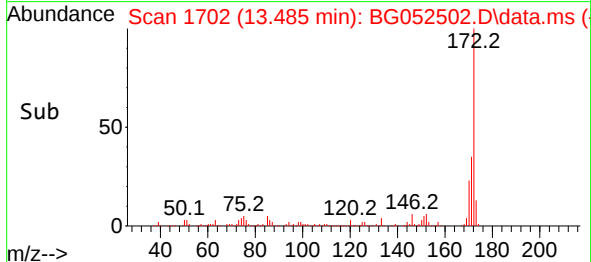
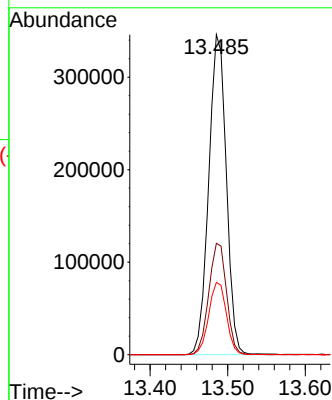
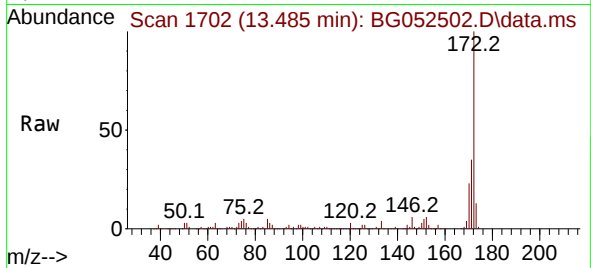




#45
2-Fluorobiphenyl
Concen: 105.114 ng
RT: 13.485 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

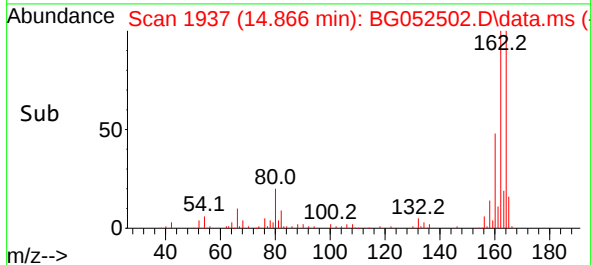
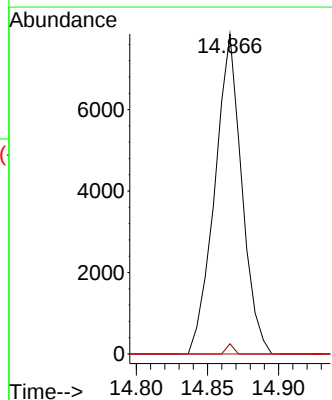
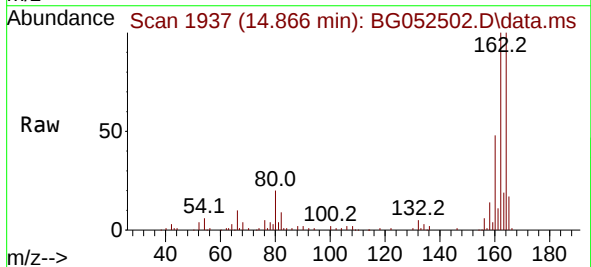
Instrument :
BNA_G
ClientSampleId :
TP-9

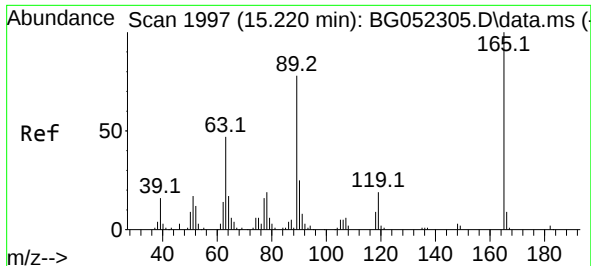
Tgt Ion:172 Resp: 544638
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.6 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.709 ng
RT: 14.866 min Scan# 1937
Delta R.T. 0.433 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

Tgt Ion:165 Resp: 10365
Ion Ratio Lower Upper
165 100
63 3.2 59.0 88.4#
89 0.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 6.119 ng

RT: 14.866 min Scan# 19

Delta R.T. -0.354 min

Lab File: BG052502.D

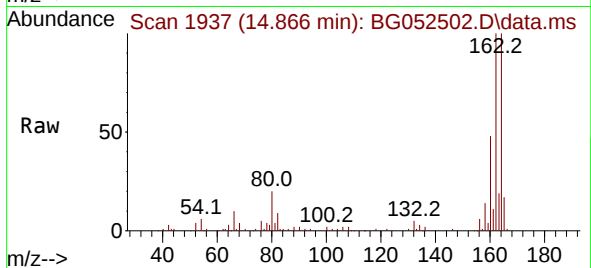
Acq: 28 Feb 2022 15:31

Instrument :

BNA_G

ClientSampleId :

TP-9



Tgt Ion:165 Resp: 10365

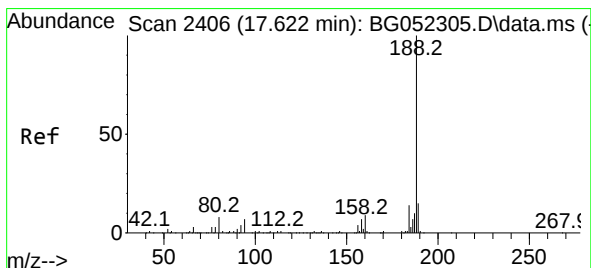
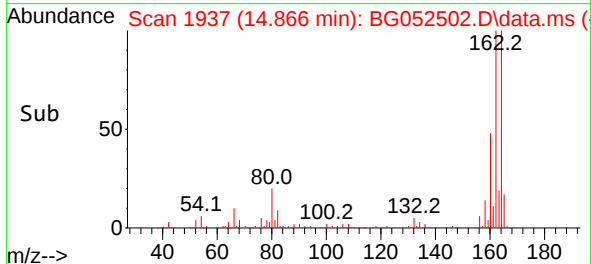
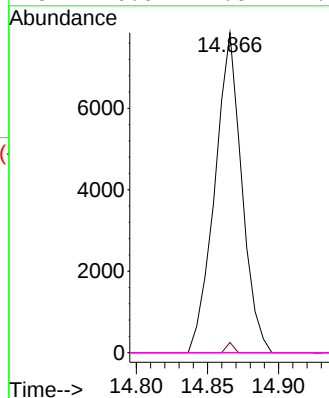
Ion Ratio Lower Upper

165 100

63 3.2 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: 17.615 min Scan# 2405

Delta R.T. -0.007 min

Lab File: BG052502.D

Acq: 28 Feb 2022 15:31

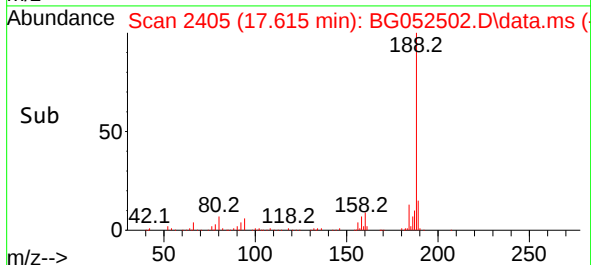
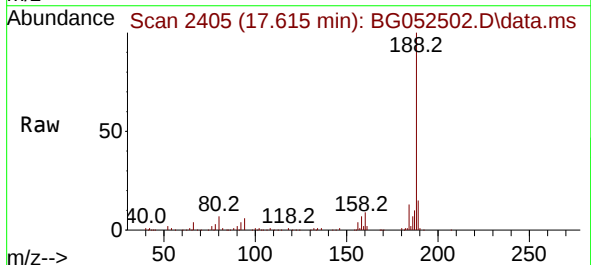
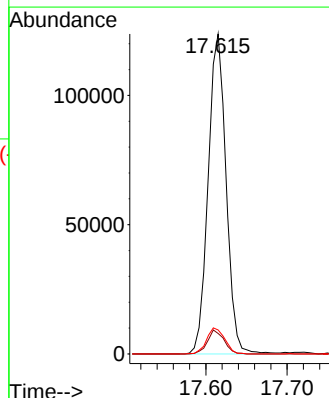
Tgt Ion:188 Resp: 189682

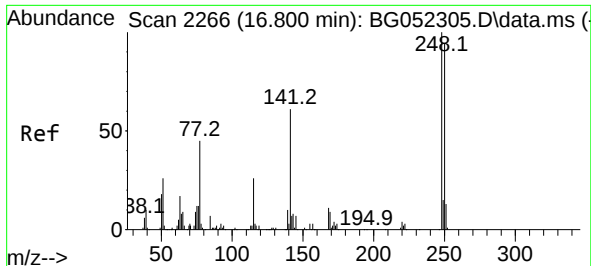
Ion Ratio Lower Upper

188 100

94 6.4 5.9 8.9

80 7.5 6.6 10.0

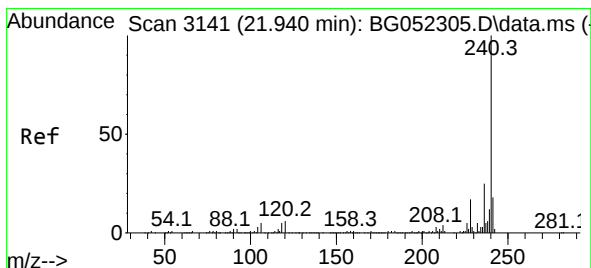
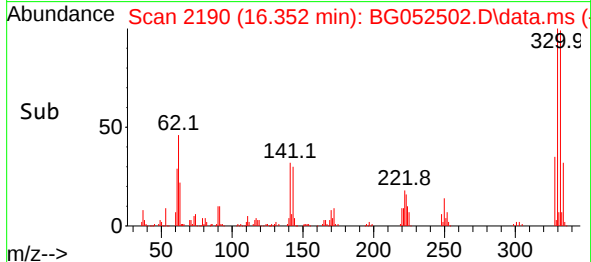
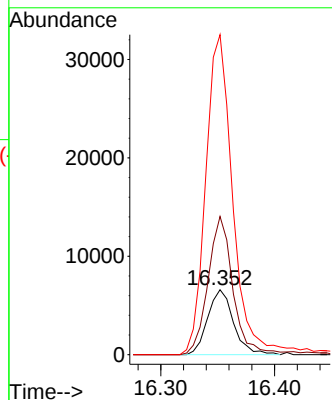
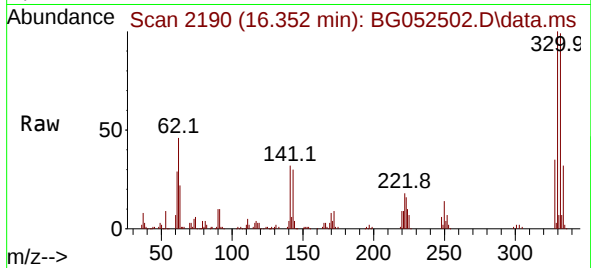




#67
4-Bromophenyl-phenylether
Concen: 4.510 ng
RT: 16.352 min Scan# 21190
Delta R.T. -0.448 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

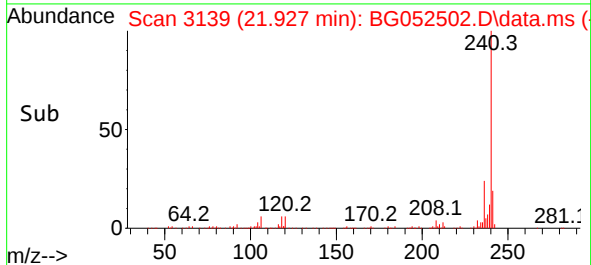
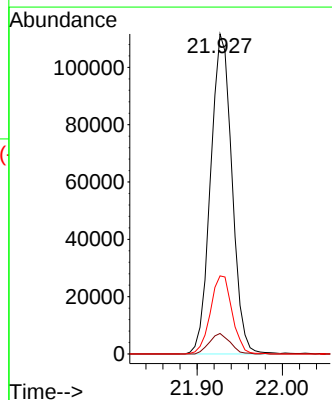
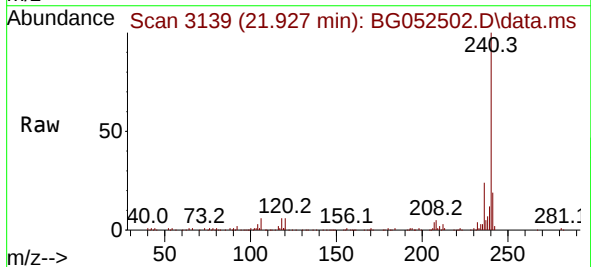
Instrument :
BNA_G
ClientSampleId :
TP-9

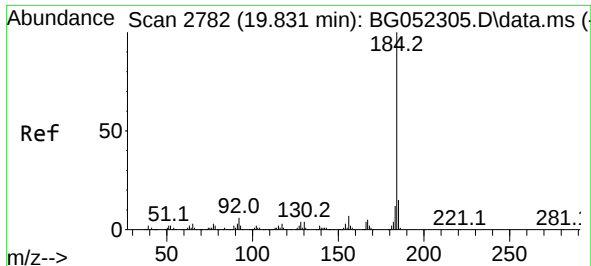
Tgt Ion:248 Resp: 10404
Ion Ratio Lower Upper
248 100
250 212.8 79.6 119.4#
141 492.8 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3139
Delta R.T. -0.013 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

Tgt Ion:240 Resp: 194033
Ion Ratio Lower Upper
240 100
120 6.4 4.4 6.6
236 24.4 20.8 31.2

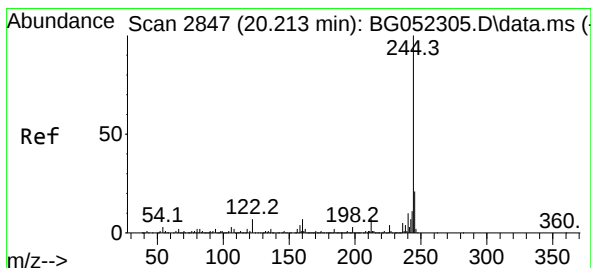
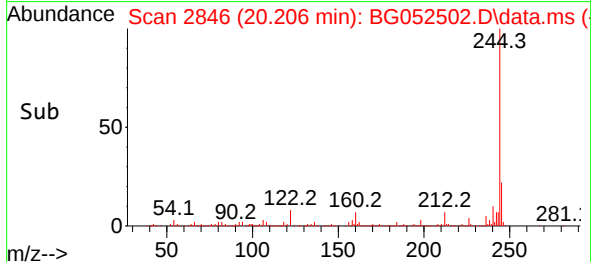
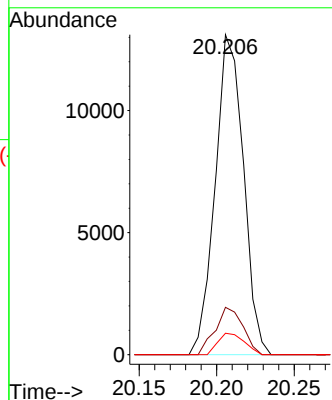
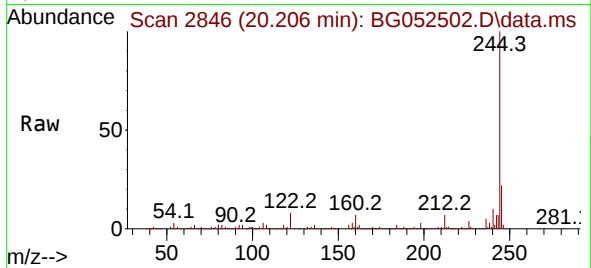




#77
Benzidine
Concen: 4.002 ng
RT: 20.206 min Scan# 2846
Delta R.T. 0.374 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

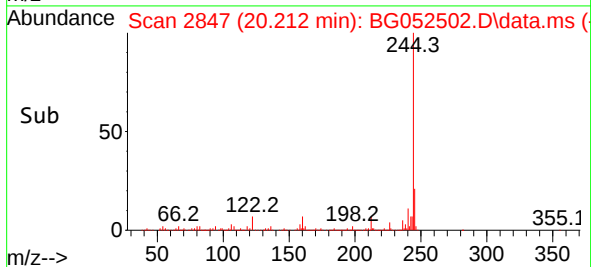
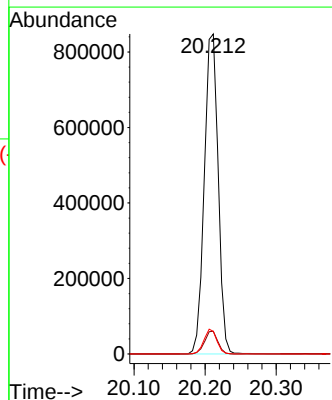
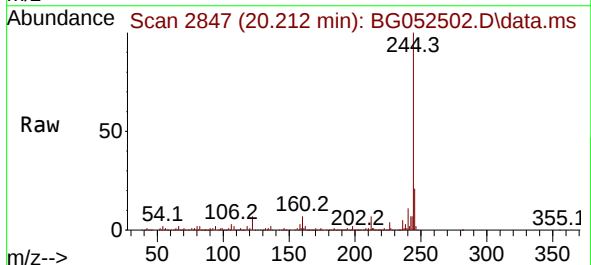
Instrument :
BNA_G
ClientSampleId :
TP-9

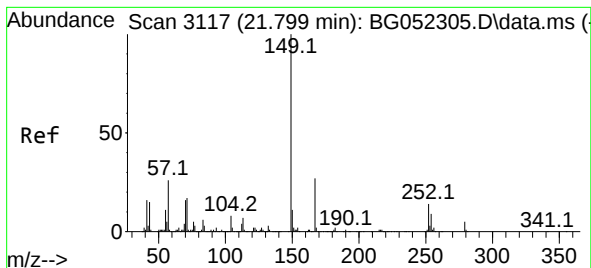
Tgt Ion:184 Resp: 16594
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 6.7 9.8 14.6#



#79
Terphenyl-d14
Concen: 104.776 ng
RT: 20.212 min Scan# 2847
Delta R.T. -0.001 min
Lab File: BG052502.D
Acq: 28 Feb 2022 15:31

Tgt Ion:244 Resp: 1151277
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 7.1 6.2 9.4

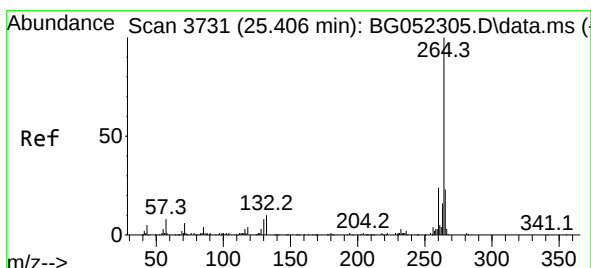
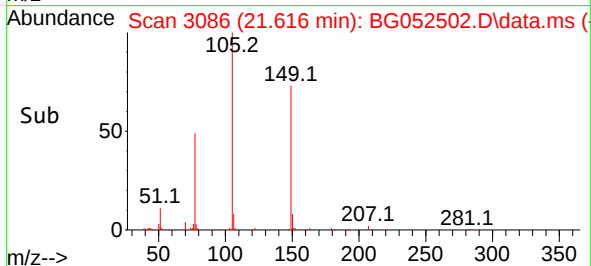
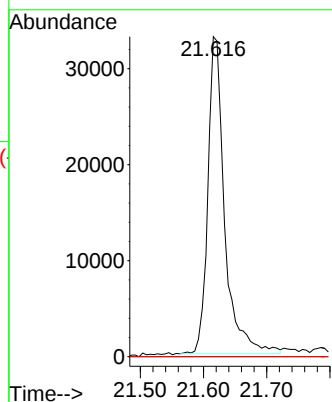
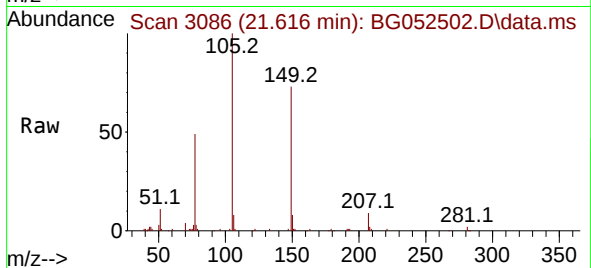




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.745 ng
 RT: 21.616 min Scan# 3086
 Delta R.T. -0.184 min
 Lab File: BG052502.D
 Acq: 28 Feb 2022 15:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Tgt Ion:149 Resp: 60938
 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: 25.393 min Scan# 3729
 Delta R.T. -0.013 min
 Lab File: BG052502.D
 Acq: 28 Feb 2022 15:31

Tgt Ion:264 Resp: 191189
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 21.1 17.8 26.6

