

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052504.D
 Acq On : 28 Feb 2022 16:48
 Operator : CG/JU
 Sample : N1664-32
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Quant Time: Mar 01 00:59:53 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)

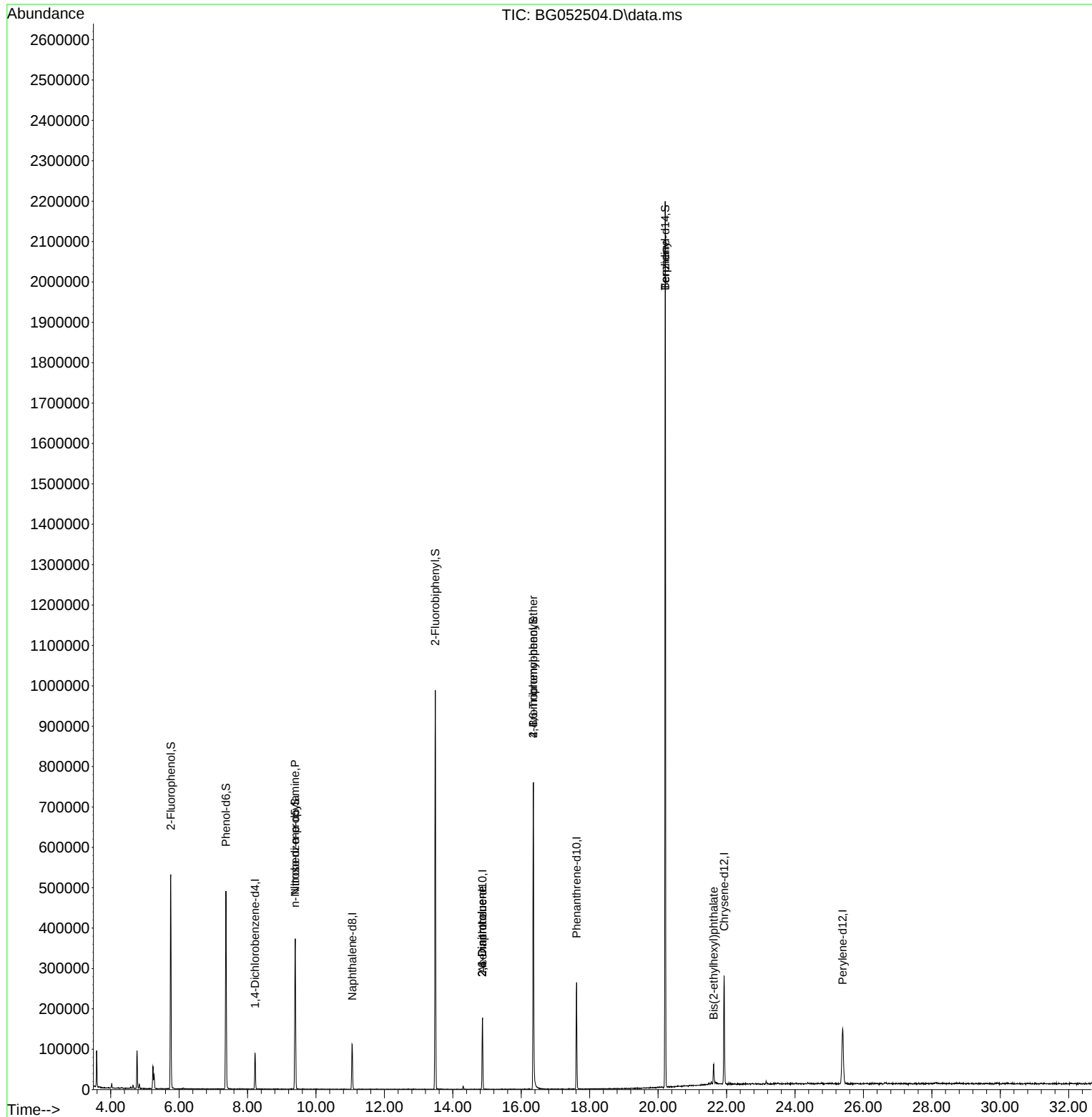
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	24926	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	100078	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	66131	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	172935	20.000	ng	0.00
76) Chrysene-d12	21.928	240	183291	20.000	ng	-0.01
86) Perylene-d12	25.394	264	176109	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	228665	159.886	ng	0.00
7) Phenol-d6	7.365	99	282500	128.020	ng	0.00
23) Nitrobenzene-d5	9.392	82	241008	104.663	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	166623	175.378	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	541648	113.810	ng	0.00
79) Terphenyl-d14	20.206	244	1153332	111.114	ng	0.00
Target Compounds						
9) Benzaldehyde	7.353	77	405	Below Cal		Qvalue # 8
19) n-Nitroso-di-n-propyla...	9.386	70	33561	20.174	ng	# 73
51) 2,6-Dinitrotoluene	14.861	165	8971	8.206	ng	# 16
57) 2,4-Dinitrotoluene	14.861	165	8971	5.766	ng	# 15
67) 4-Bromophenyl-phenylether	16.353	248	10819	5.144	ng	# 1
77) Benzidine	20.206	184	15640	3.993	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.622	149	28598	4.841	ng	# 54

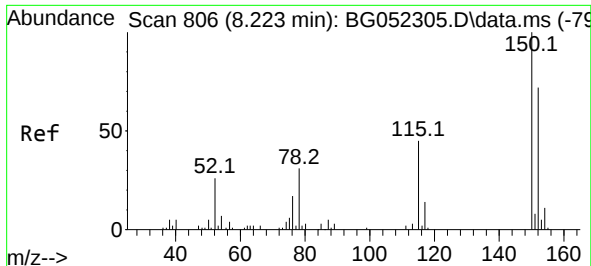
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
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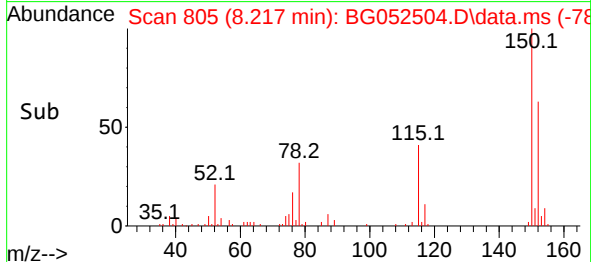
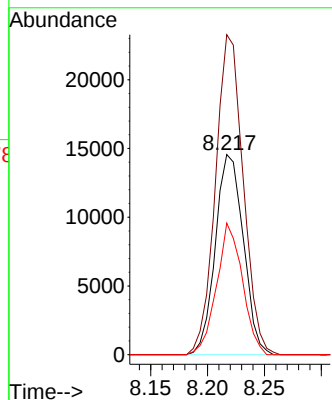
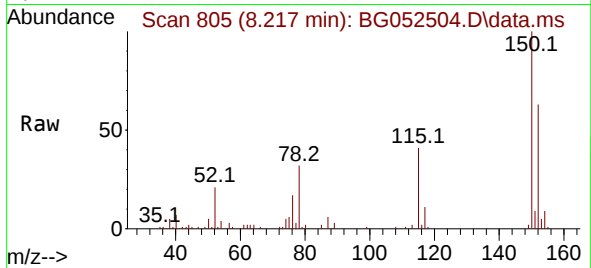




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

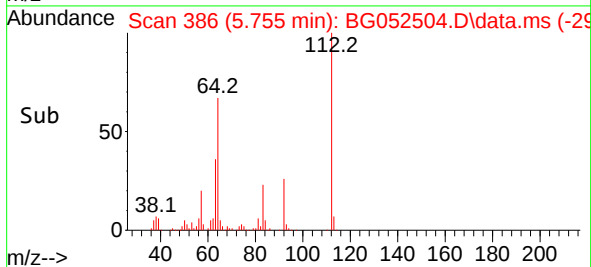
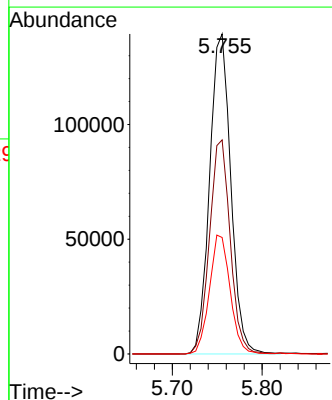
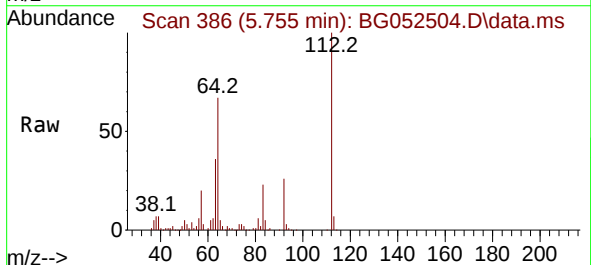
Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:152 Resp: 24926
Ion Ratio Lower Upper
152 100
150 159.8 117.8 176.8
115 65.7 50.2 75.2



#5
2-Fluorophenol
Concen: 159.886 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

Tgt Ion:112 Resp: 228665
Ion Ratio Lower Upper
112 100
64 66.9 60.4 90.6
63 36.4 33.3 49.9

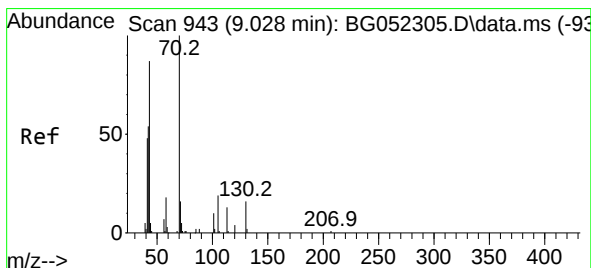
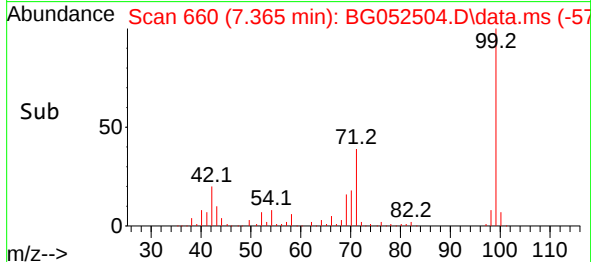
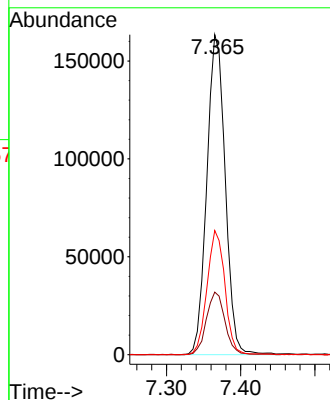
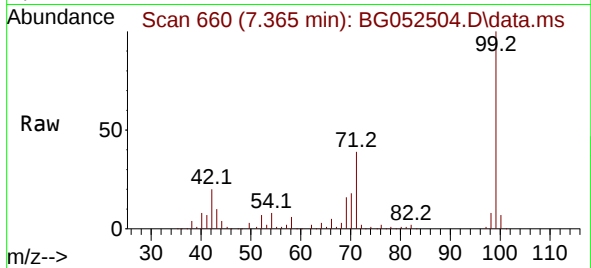




#7
Phenol-d6
Concen: 128.020 ng
RT: 7.365 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

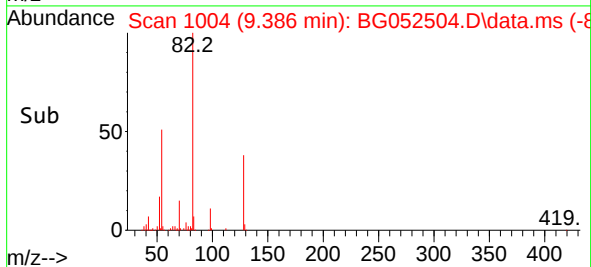
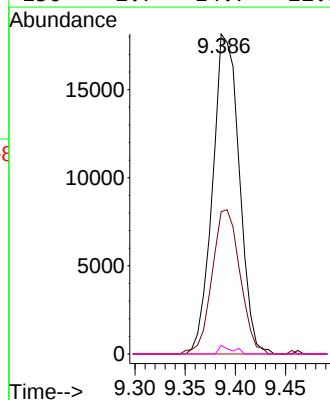
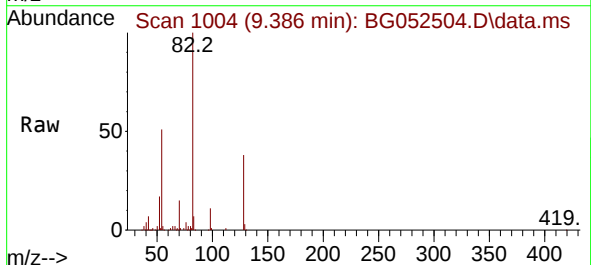
Instrument :
BNA_G
ClientSampleId :
TP-11

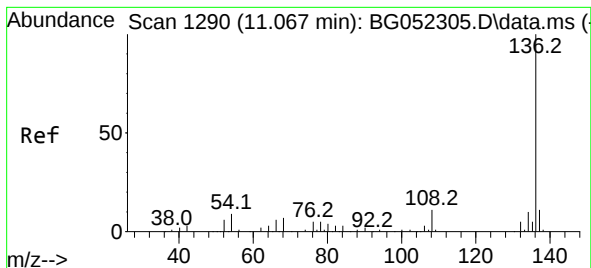
Tgt Ion: 99 Resp: 282500
Ion Ratio Lower Upper
99 100
42 19.6 19.1 28.7
71 38.8 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.174 ng
RT: 9.386 min Scan# 1004
Delta R.T. 0.358 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

Tgt Ion: 70 Resp: 33561
Ion Ratio Lower Upper
70 100
42 44.5 51.8 77.6#
101 0.0 6.6 10.0#
130 2.7 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.060 min Scan# 1106

Delta R.T. -0.007 min

Lab File: BG052504.D

Acq: 28 Feb 2022 16:48

Instrument :

BNA_G

ClientSampleId :

TP-11

Tgt Ion:136 Resp: 100078

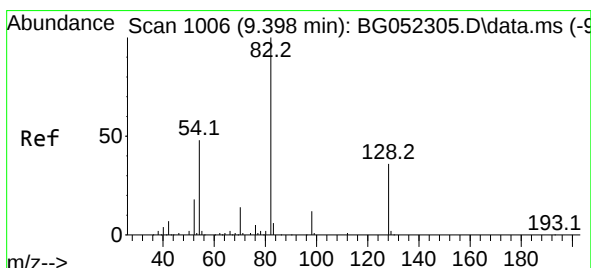
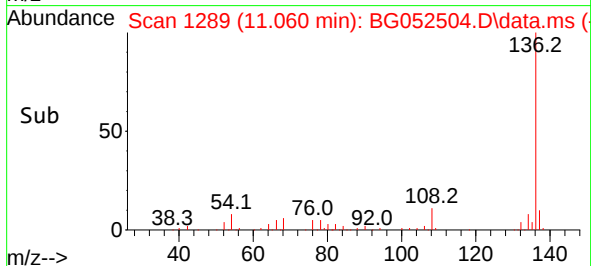
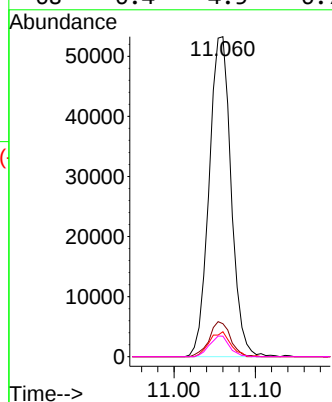
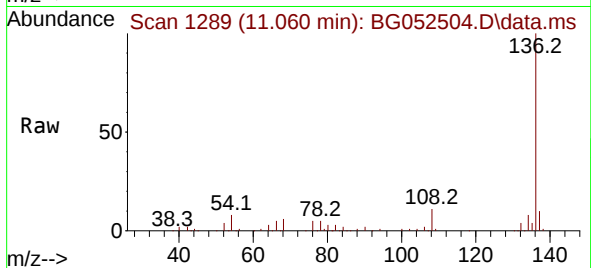
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 7.8 8.3 12.5#

68 6.4 4.5 6.7



#23

Nitrobenzene-d5

Concen: 104.663 ng

RT: 9.392 min Scan# 1005

Delta R.T. -0.007 min

Lab File: BG052504.D

Acq: 28 Feb 2022 16:48

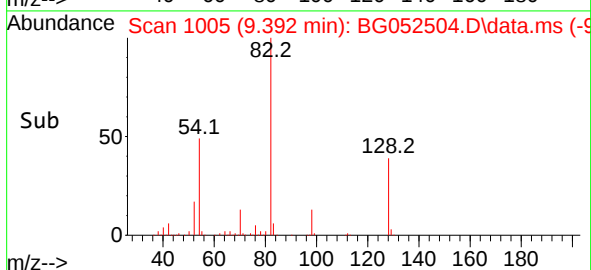
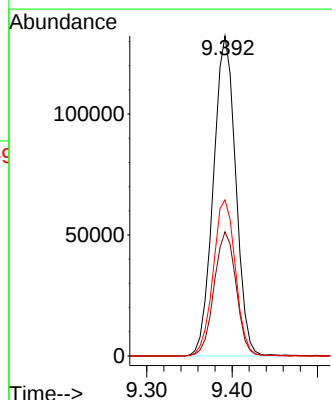
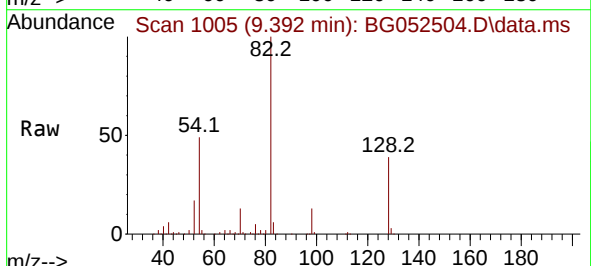
Tgt Ion: 82 Resp: 241008

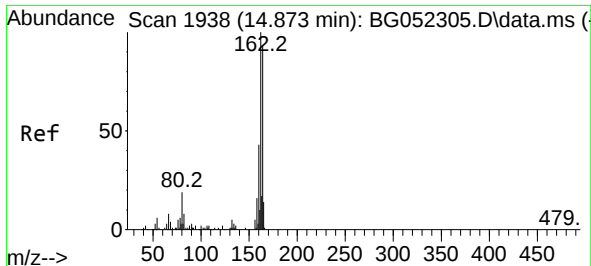
Ion Ratio Lower Upper

82 100

128 38.8 27.0 40.4

54 48.8 41.0 61.6

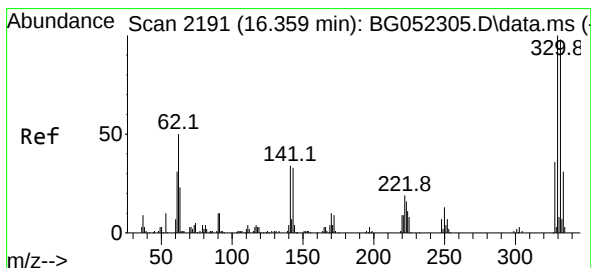
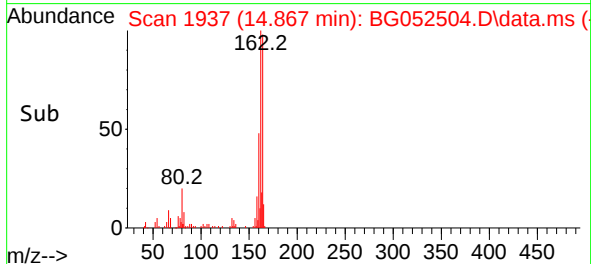
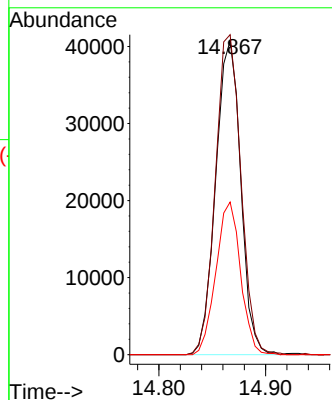
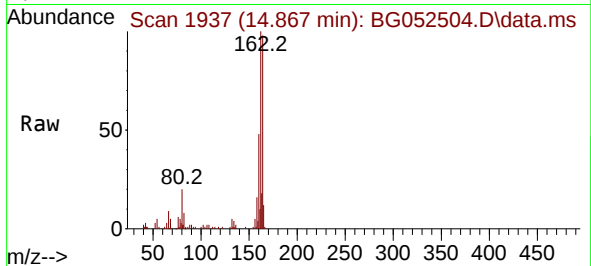




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

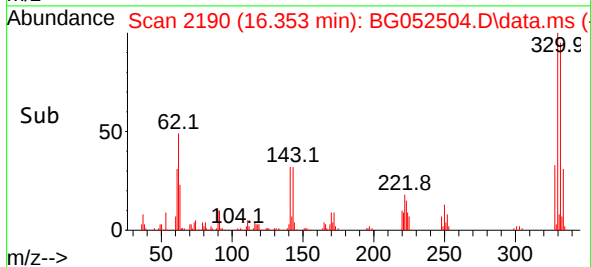
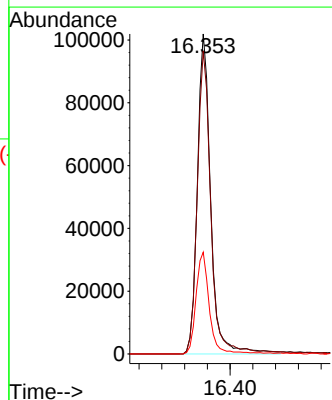
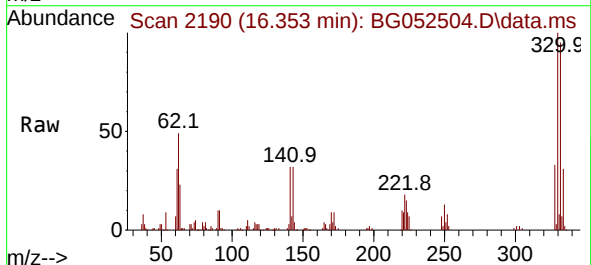
Instrument :
BNA_G
ClientSampleId :
TP-11

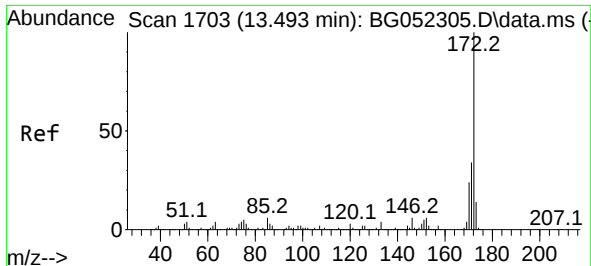
Tgt Ion:164 Resp: 66131
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.2
160 48.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 175.378 ng
RT: 16.353 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

Tgt Ion:330 Resp: 166623
Ion Ratio Lower Upper
330 100
332 95.1 78.6 117.8
141 31.9 28.8 43.2

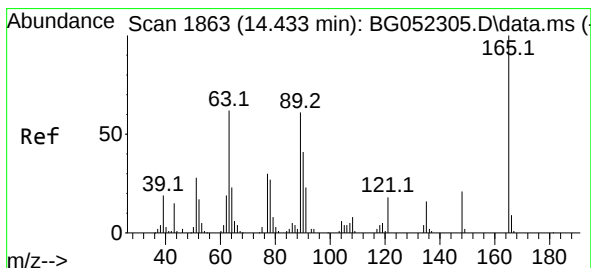
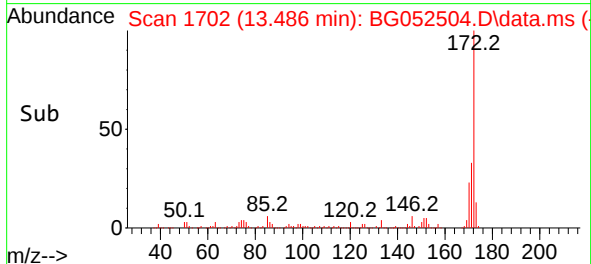
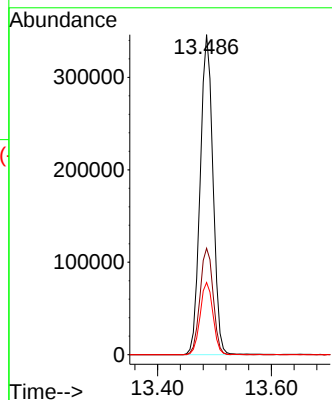
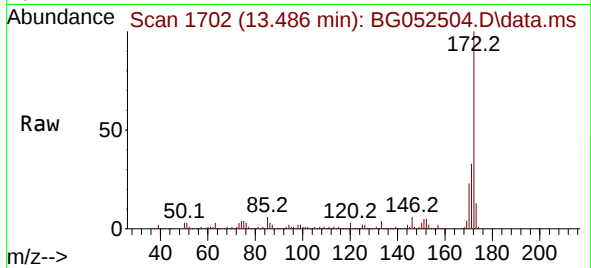




#45
2-Fluorobiphenyl
Concen: 113.810 ng
RT: 13.486 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

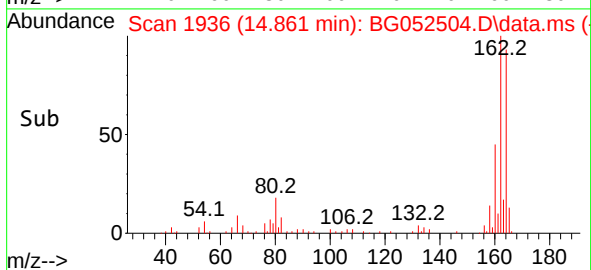
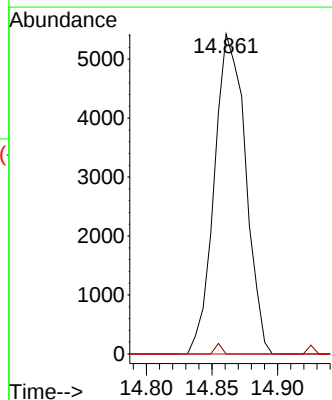
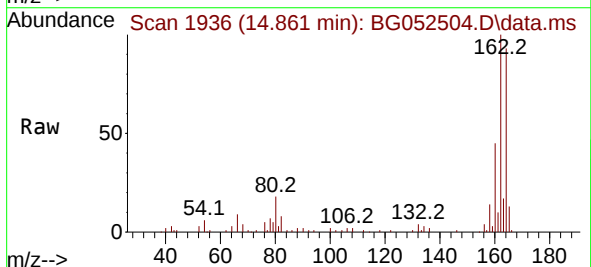
Instrument :
BNA_G
ClientSampleId :
TP-11

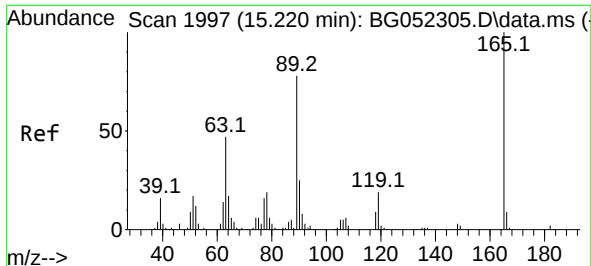
Tgt Ion:172 Resp: 541648
Ion Ratio Lower Upper
172 100
171 33.3 28.3 42.5
170 22.5 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.206 ng
RT: 14.861 min Scan# 1936
Delta R.T. 0.428 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

Tgt Ion:165 Resp: 8971
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: 5.766 ng

RT: 14.861 min Scan# 1997

Delta R.T. -0.359 min

Lab File: BG052504.D

Acq: 28 Feb 2022 16:48

Instrument :

BNA_G

ClientSampleId :

TP-11

Tgt Ion:165 Resp: 8971

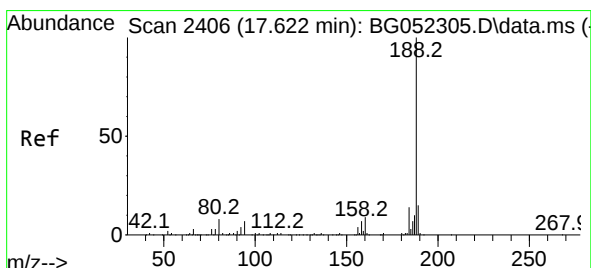
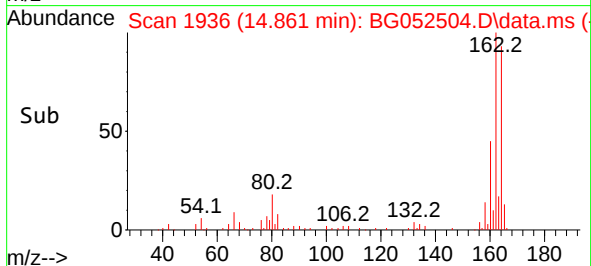
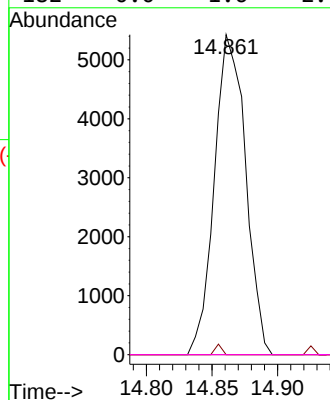
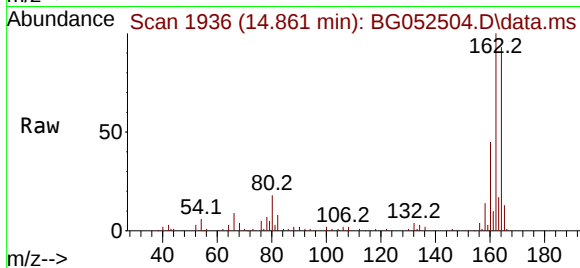
Ion Ratio Lower Upper

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: 17.616 min Scan# 2405

Delta R.T. -0.007 min

Lab File: BG052504.D

Acq: 28 Feb 2022 16:48

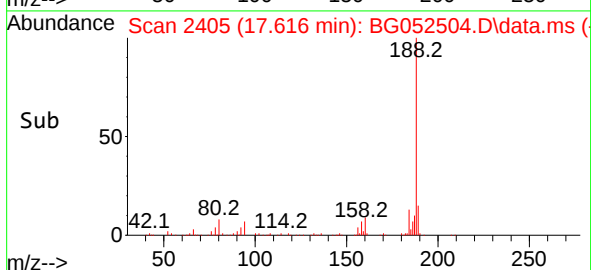
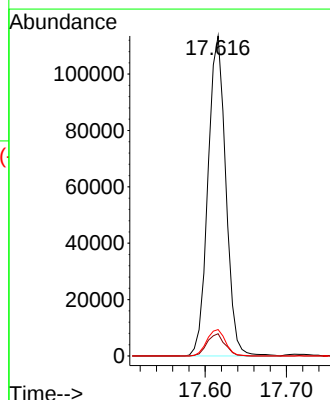
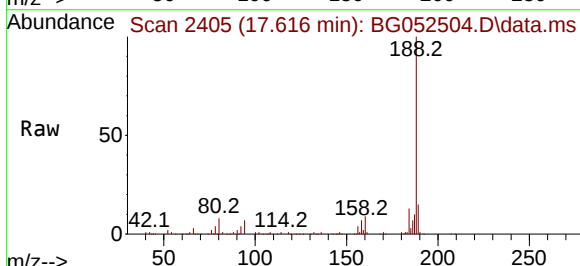
Tgt Ion:188 Resp: 172935

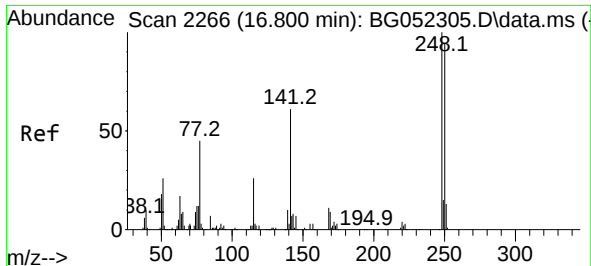
Ion Ratio Lower Upper

188 100

94 7.0 5.9 8.9

80 8.3 6.6 10.0

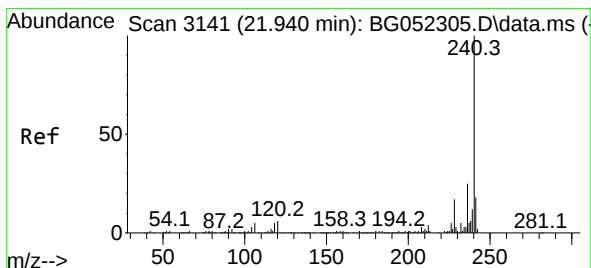
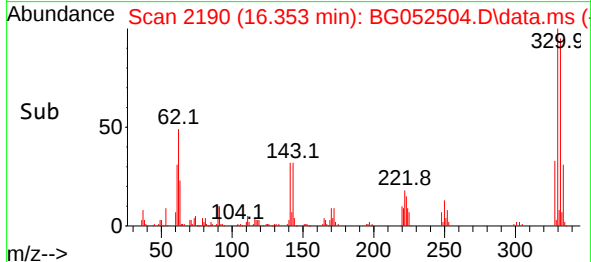
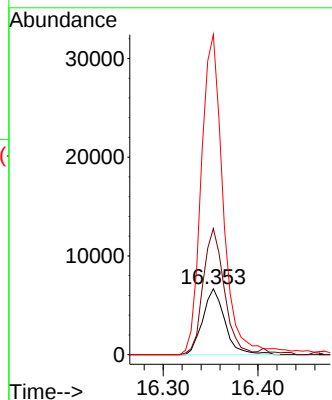
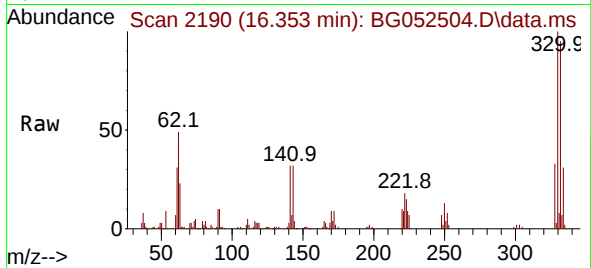




#67
4-Bromophenyl-phenylether
Concen: 5.144 ng
RT: 16.353 min Scan# 2119
Delta R.T. -0.447 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

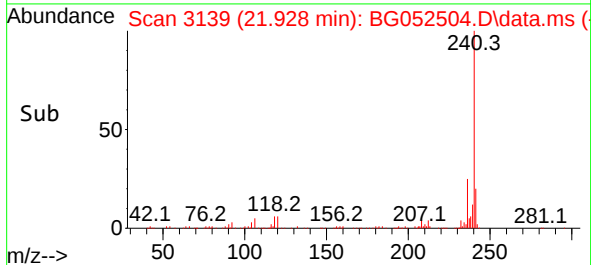
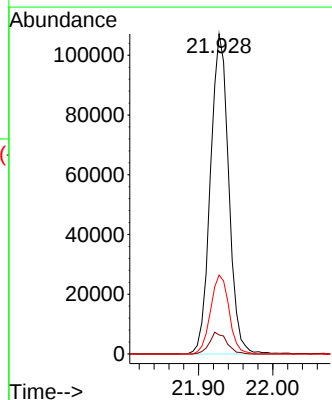
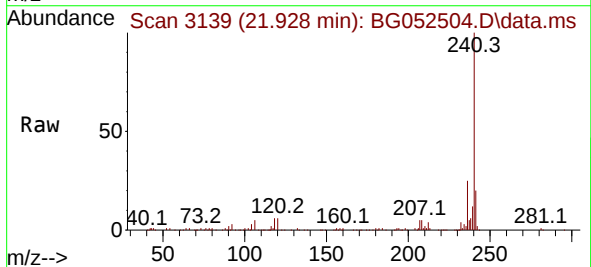
Instrument :
BNA_G
ClientSampleId :
TP-11

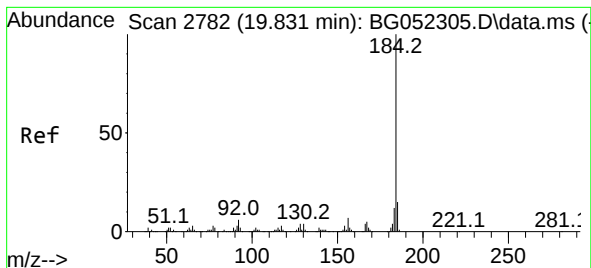
Tgt Ion:248 Resp: 10819
Ion Ratio Lower Upper
248 100
250 191.4 79.6 119.4#
141 485.9 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

Tgt Ion:240 Resp: 183291
Ion Ratio Lower Upper
240 100
120 6.0 4.4 6.6
236 24.6 20.8 31.2





#77

Benzidine

Concen: 3.993 ng

RT: 20.206 min Scan# 2846

Delta R.T. 0.375 min

Lab File: BG052504.D

Acq: 28 Feb 2022 16:48

Instrument :

BNA_G

ClientSampleId :

TP-11

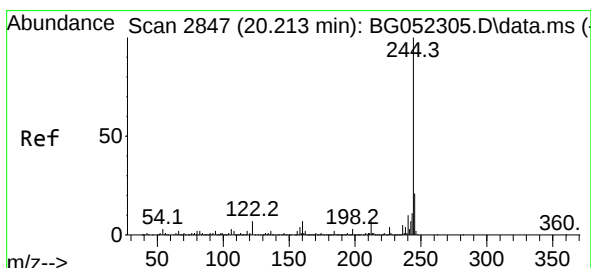
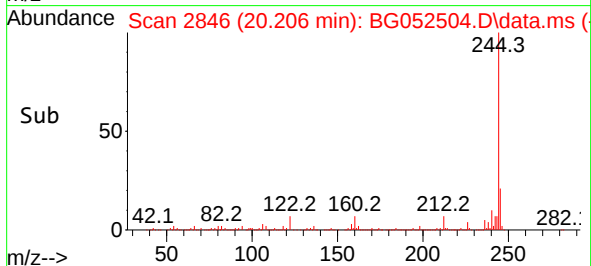
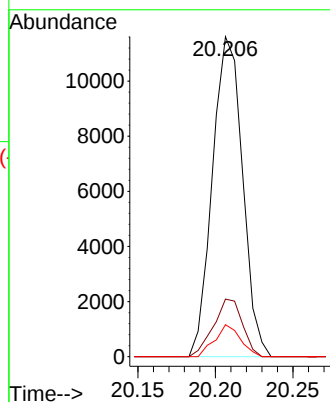
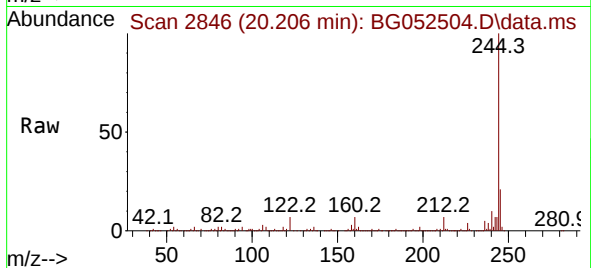
Tgt Ion:184 Resp: 15640

Ion Ratio Lower Upper

184 100

185 18.0 11.8 17.8#

183 10.0 9.8 14.6



#79

Terphenyl-d14

Concen: 111.114 ng

RT: 20.206 min Scan# 2846

Delta R.T. -0.007 min

Lab File: BG052504.D

Acq: 28 Feb 2022 16:48

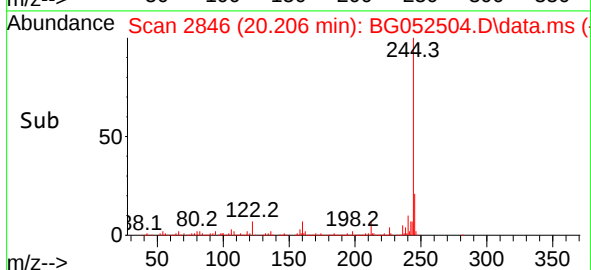
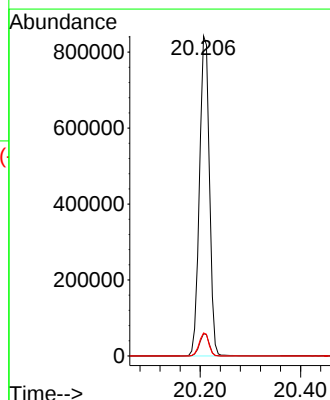
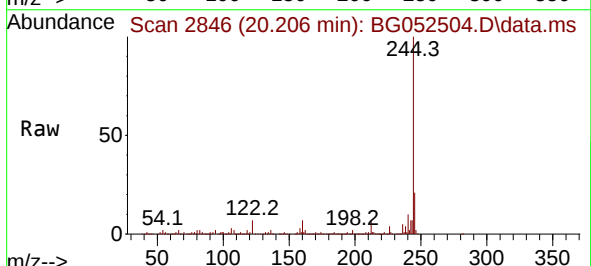
Tgt Ion:244 Resp: 1153332

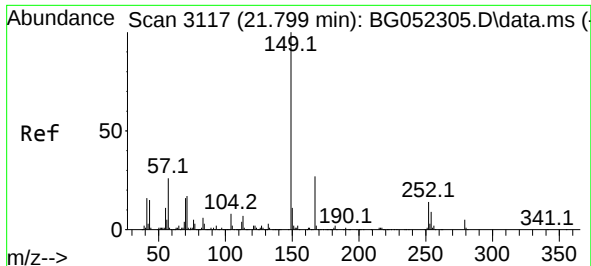
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 7.2 6.2 9.4

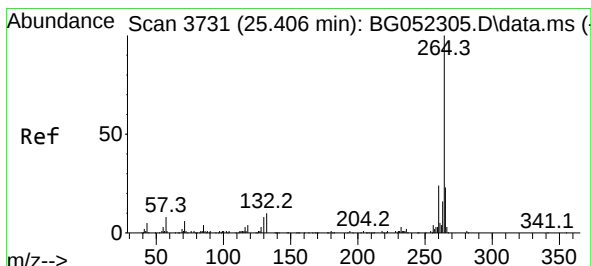
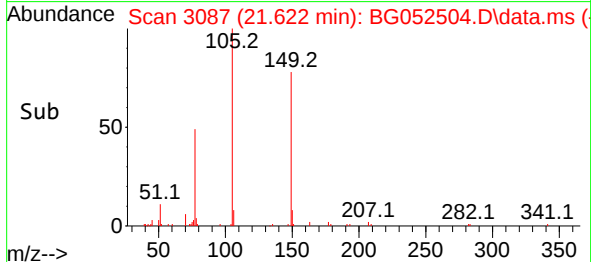
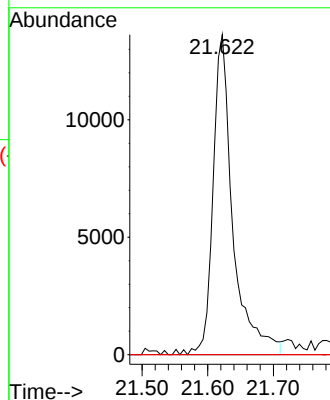
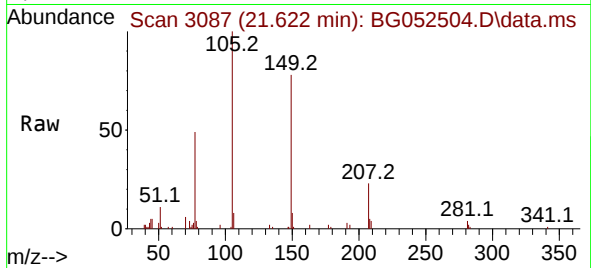




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.841 ng
RT: 21.622 min Scan# 30
Delta R.T. -0.177 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:149 Resp: 28598
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: 25.394 min Scan# 3729
Delta R.T. -0.012 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

Tgt Ion:264 Resp: 176109
Ion Ratio Lower Upper
264 100
260 25.5 18.5 27.7
265 22.3 17.8 26.6

