

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052498.D
 Acq On : 28 Feb 2022 12:56
 Operator : CG/JU
 Sample : N1664-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Mar 01 00:59:17 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)

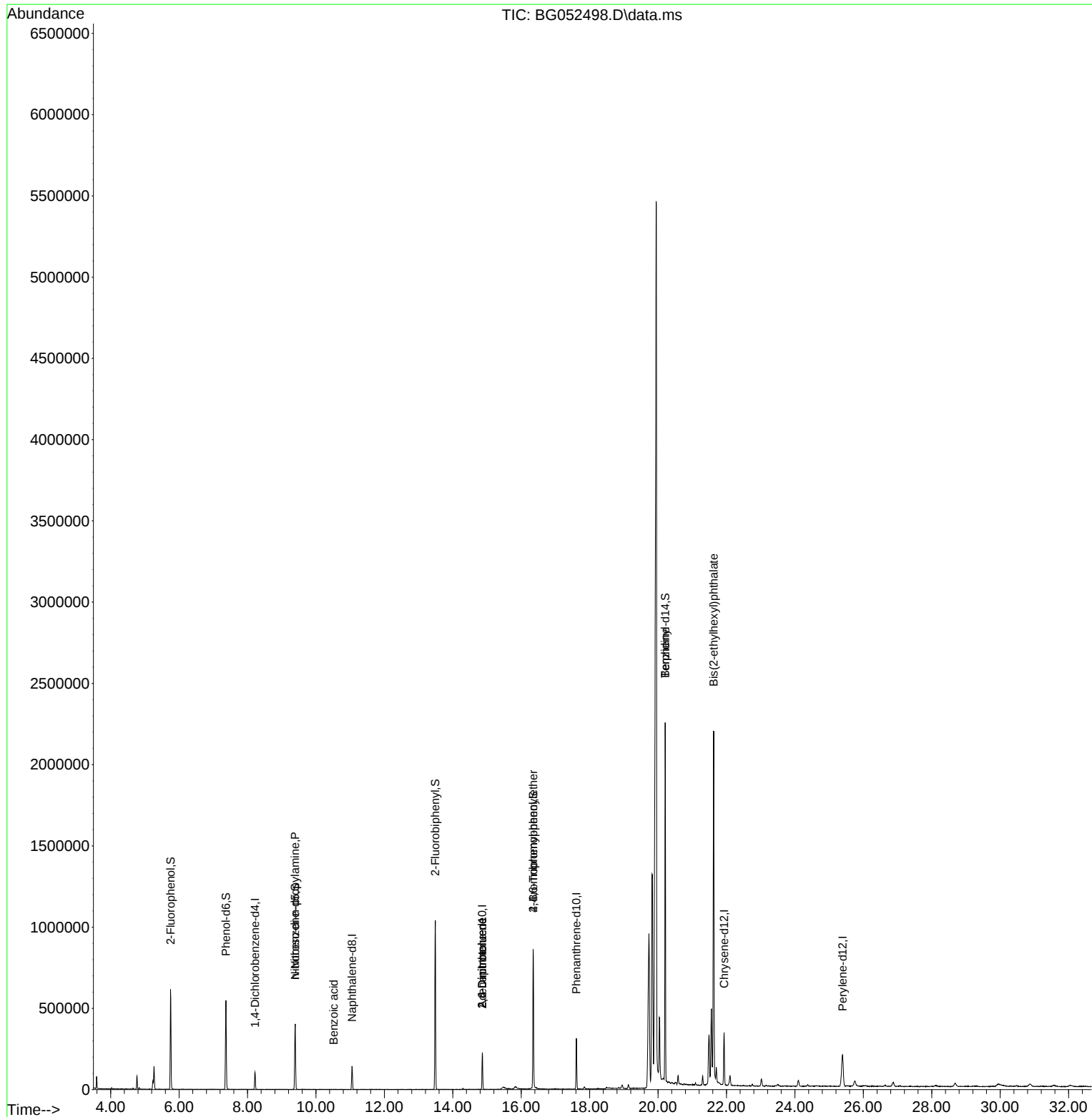
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	30664	20.000	ng	0.00
21) Naphthalene-d8	11.057	136	120316	20.000	ng	-0.01
39) Acenaphthene-d10	14.863	164	79728	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	198536	20.000	ng	-0.01
76) Chrysene-d12	21.930	240	206316	20.000	ng	-0.01
86) Perylene-d12	25.396	264	222046	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	260847	148.259	ng	0.00
7) Phenol-d6	7.367	99	322668	118.861	ng	0.00
23) Nitrobenzene-d5	9.394	82	261225	94.361	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	178532	155.866	ng	0.00
45) 2-Fluorobiphenyl	13.489	172	558927	97.412	ng	0.00
79) Terphenyl-d14	20.209	244	1081114	92.533	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.367	77	411	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.394	70	35718	17.453	ng	# 72
32) Benzoic acid	10.522	122	63	6.028	ng	# 1
51) 2,6-Dinitrotoluene	14.863	165	11508	8.732	ng	# 16
57) 2,4-Dinitrotoluene	14.863	165	11508	6.135	ng	# 15
67) 4-Bromophenyl-phenylether	16.355	248	11314	4.686	ng	# 1
77) Benzidine	20.209	184	15744	3.571	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.625	149	1017256	152.984	ng	# 54

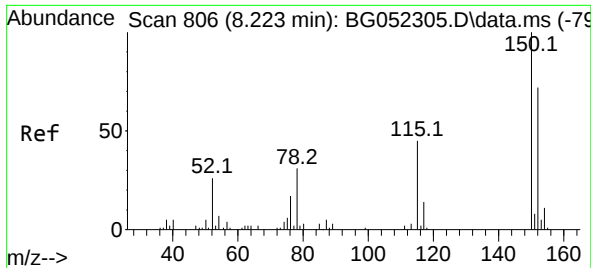
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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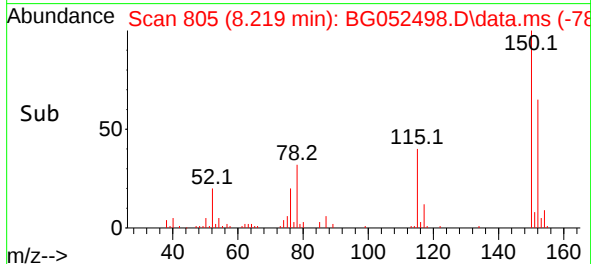
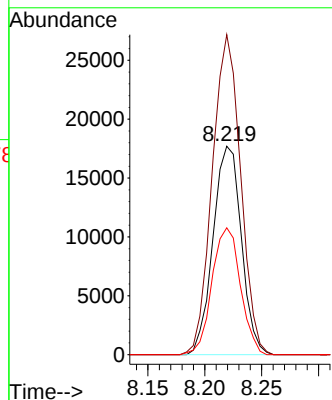
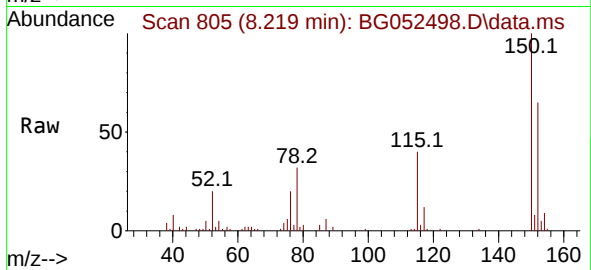




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

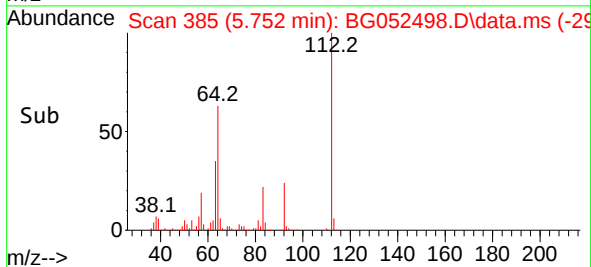
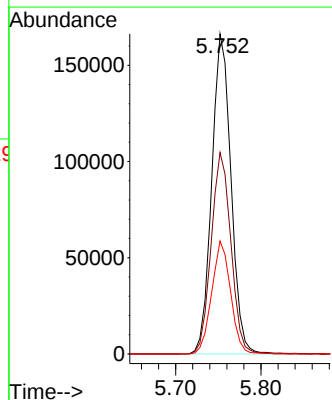
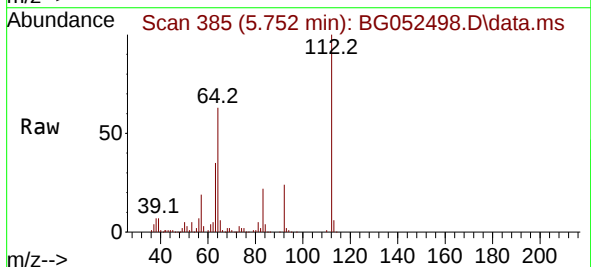
Instrument :
BNA_G
ClientSampleId :
TP-5

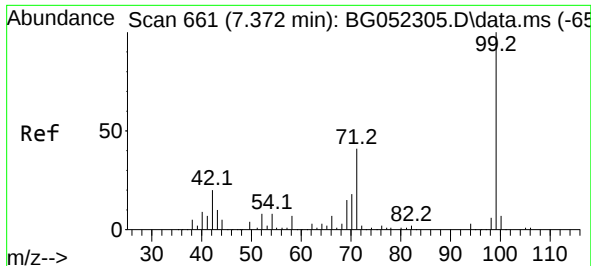
Tgt Ion:152 Resp: 30664
Ion Ratio Lower Upper
152 100
150 153.5 117.8 176.8
115 60.8 50.2 75.2



#5
2-Fluorophenol
Concen: 148.259 ng
RT: 5.752 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

Tgt Ion:112 Resp: 260847
Ion Ratio Lower Upper
112 100
64 62.9 60.4 90.6
63 35.3 33.3 49.9

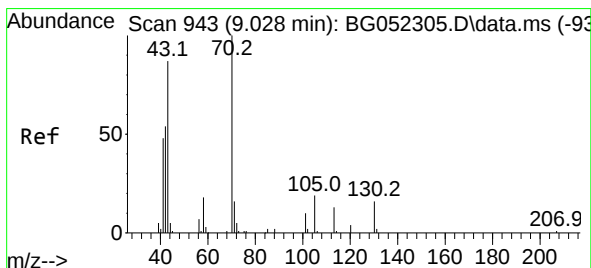
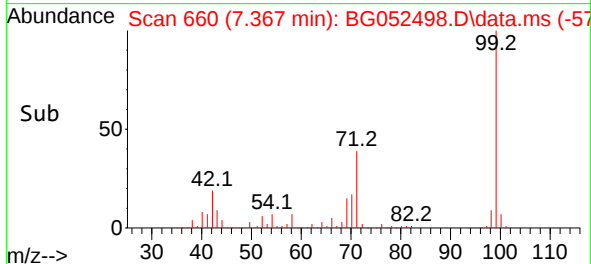
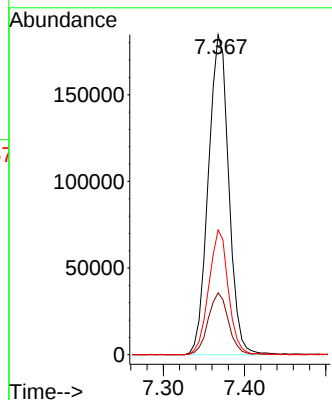
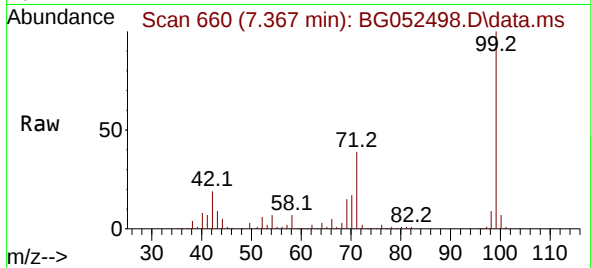




#7
Phenol-d6
Concen: 118.861 ng
RT: 7.367 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

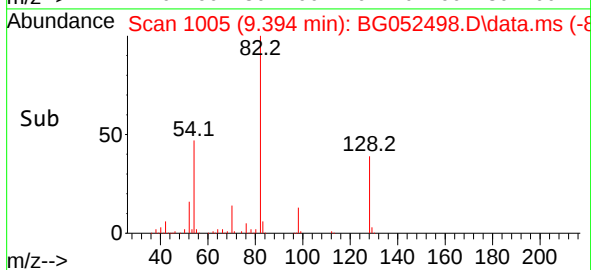
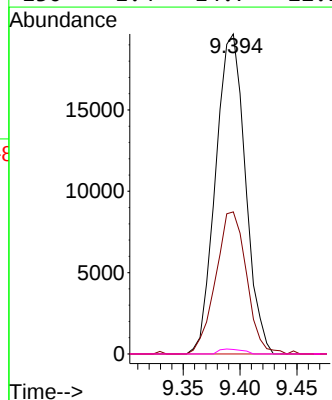
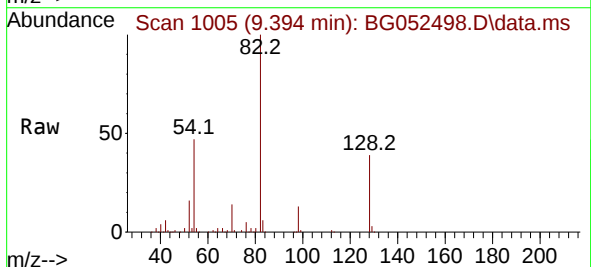
Instrument :
BNA_G
ClientSampleId :
TP-5

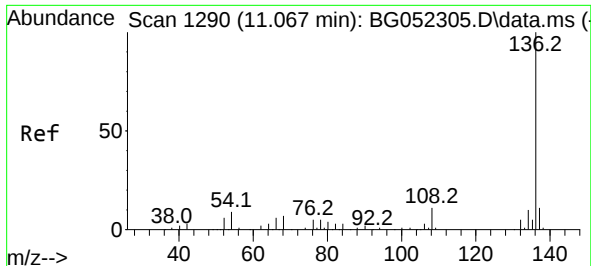
Tgt Ion: 99 Resp: 322668
Ion Ratio Lower Upper
99 100
42 19.3 19.1 28.7
71 39.0 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.453 ng
RT: 9.394 min Scan# 1005
Delta R.T. 0.366 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

Tgt Ion: 70 Resp: 35718
Ion Ratio Lower Upper
70 100
42 44.4 51.8 77.6#
101 0.0 6.6 10.0#
130 1.4 14.7 22.1#

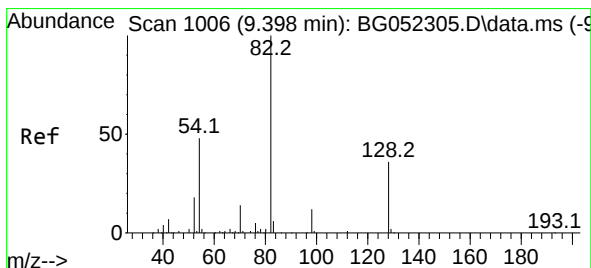
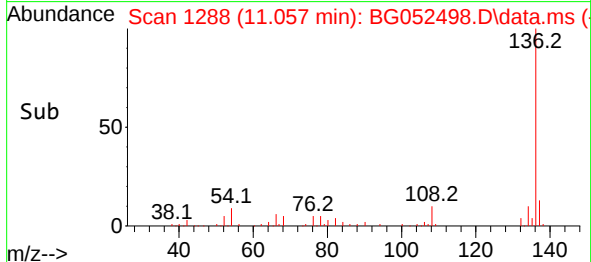
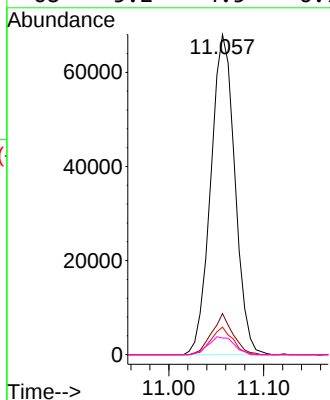
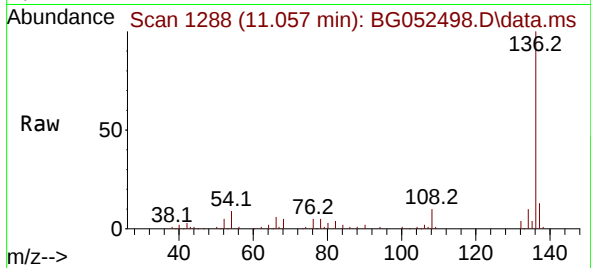




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.057 min Scan# 1105
Delta R.T. -0.010 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

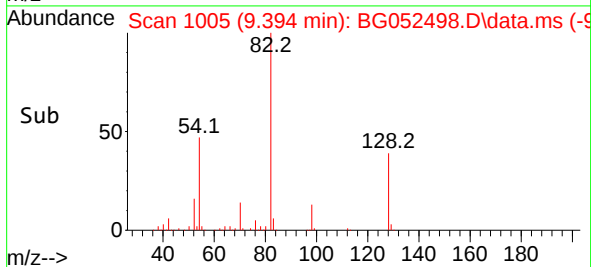
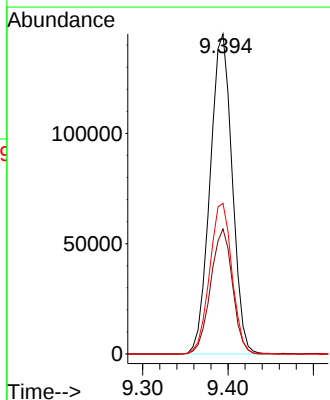
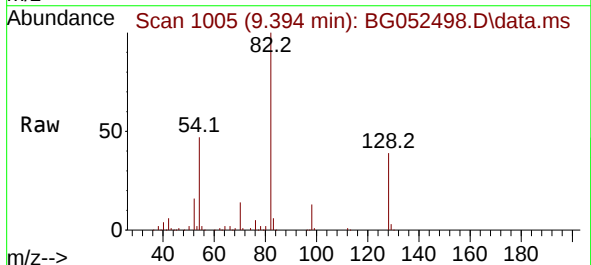
Instrument :
BNA_G
ClientSampleId :
TP-5

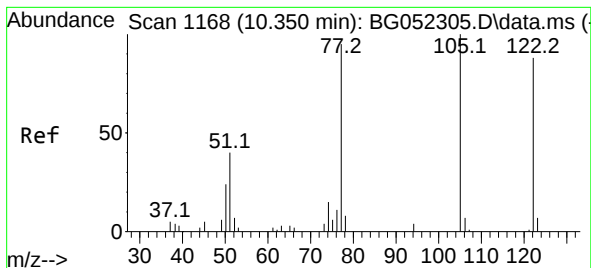
Tgt Ion:	136	Resp:	120316
Ion Ratio	Lower	Upper	
136	100		
137	12.9	9.1	13.7
54	8.6	8.3	12.5
68	5.2	4.5	6.7



#23
Nitrobenzene-d5
Concen: 94.361 ng
RT: 9.394 min Scan# 1005
Delta R.T. -0.004 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

Tgt Ion:	82	Resp:	261225
Ion Ratio	Lower	Upper	
82	100		
128	39.0	27.0	40.4
54	47.1	41.0	61.6





#32

Benzoic acid

Concen: 6.028 ng

RT: 10.522 min Scan# 1168

Delta R.T. 0.172 min

Lab File: BG052498.D

Acq: 28 Feb 2022 12:56

Instrument :

BNA_G

ClientSampleId :

TP-5

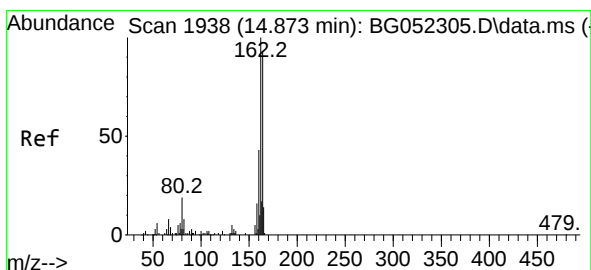
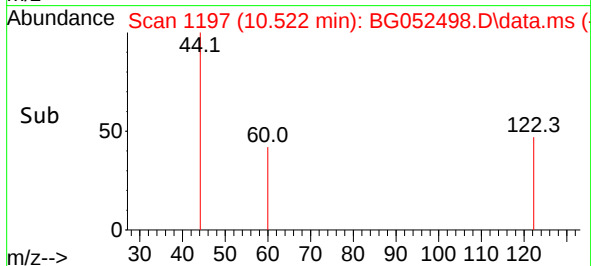
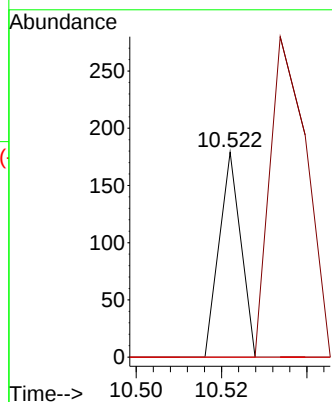
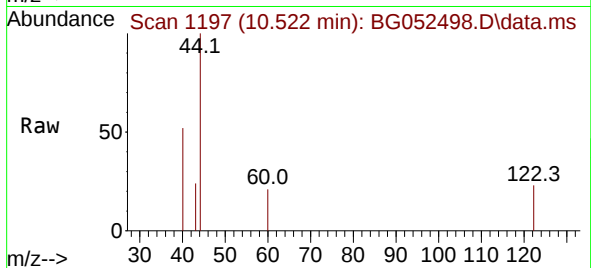
Tgt Ion:122 Resp: 63

Ion Ratio Lower Upper

122 100

105 0.0 109.2 149.2#

77 0.0 92.8 132.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.863 min Scan# 1936

Delta R.T. -0.010 min

Lab File: BG052498.D

Acq: 28 Feb 2022 12:56

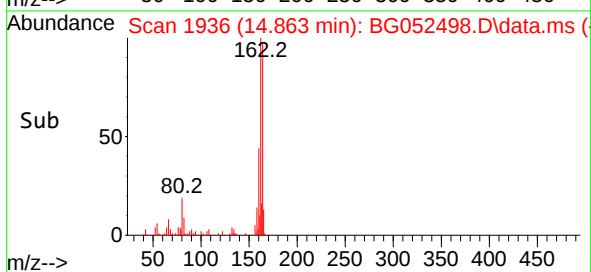
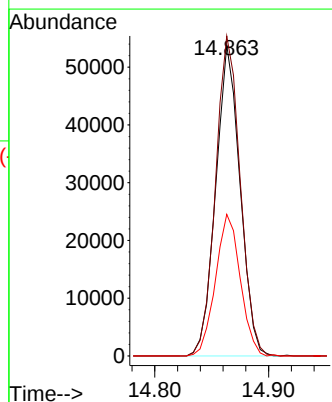
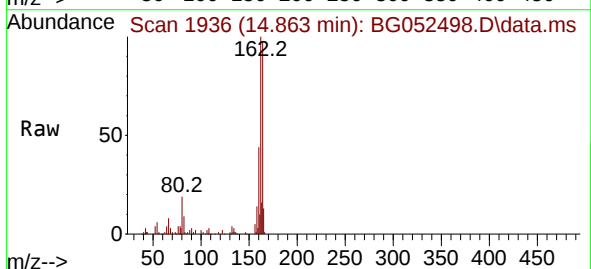
Tgt Ion:164 Resp: 79728

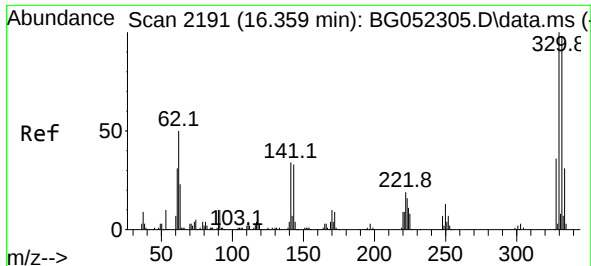
Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.2

160 45.5 36.2 54.2

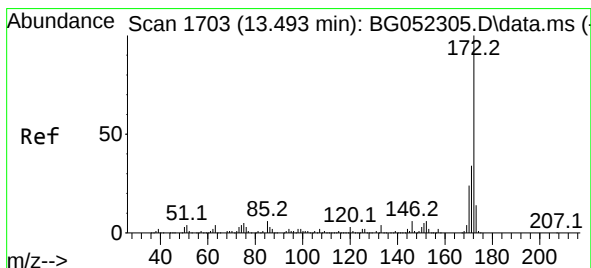
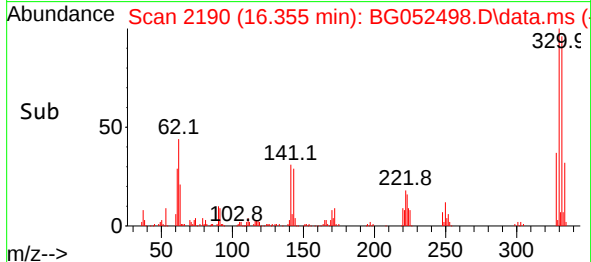
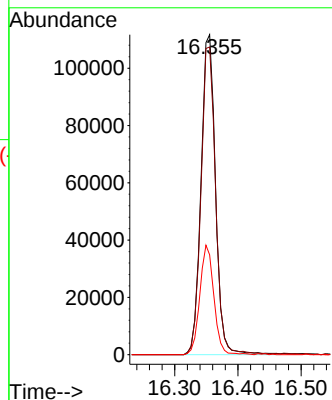
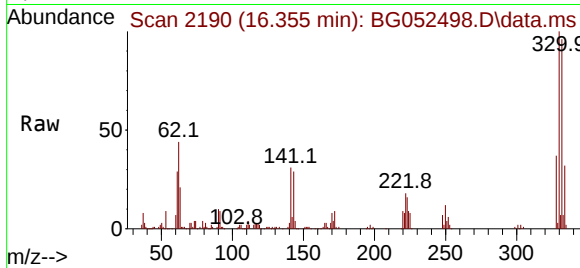




#42
2,4,6-Tribromophenol
Concen: 155.866 ng
RT: 16.355 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

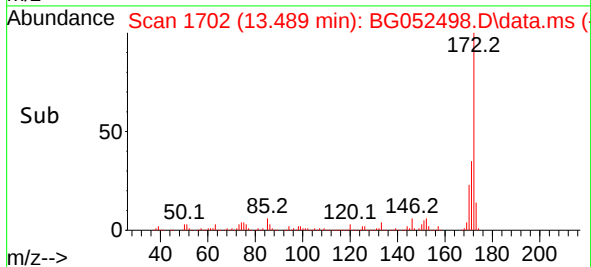
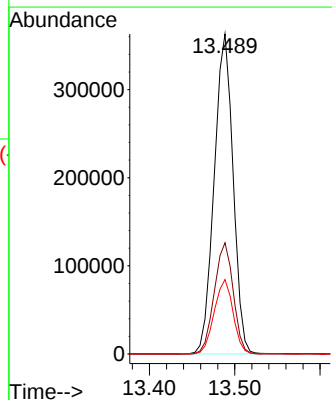
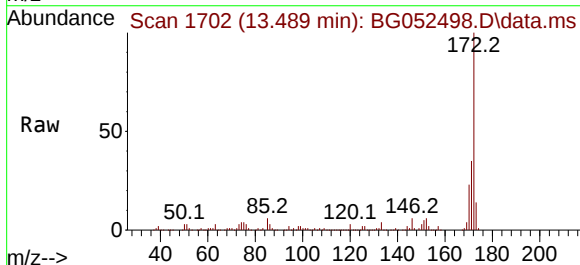
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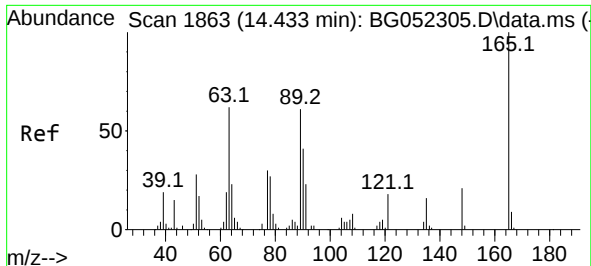
Tgt Ion:330 Resp: 178532
Ion Ratio Lower Upper
330 100
332 97.0 78.6 117.8
141 33.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 97.412 ng
RT: 13.489 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

Tgt Ion:172 Resp: 558927
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.2 18.3 27.5

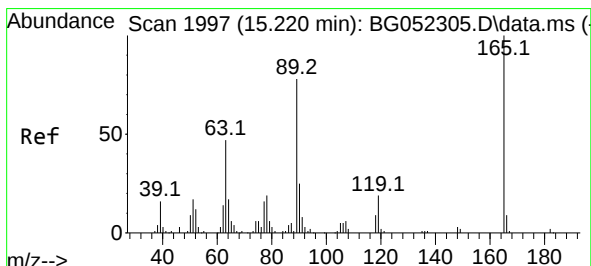
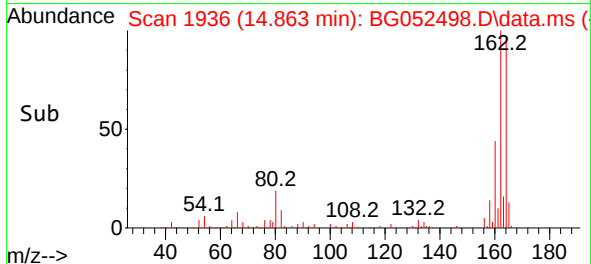
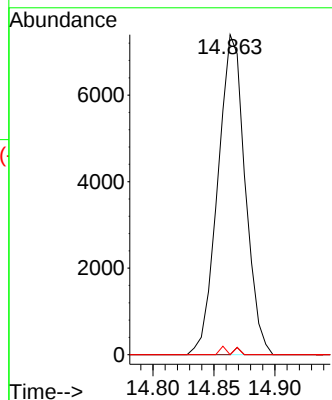
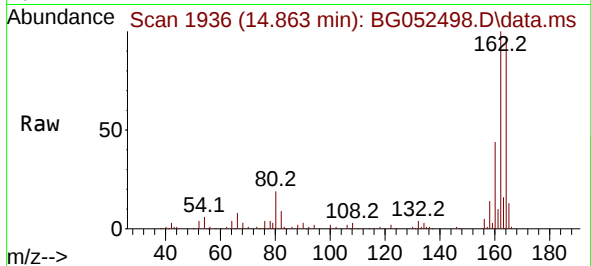




#51
2,6-Dinitrotoluene
Concen: 8.732 ng
RT: 14.863 min Scan# 1936
Delta R.T. 0.431 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

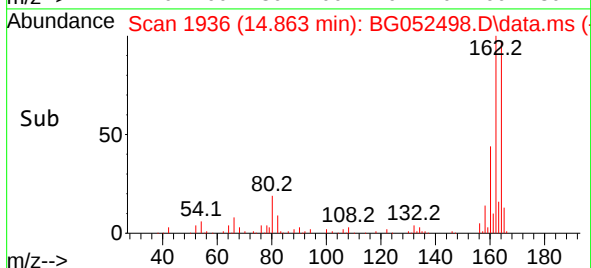
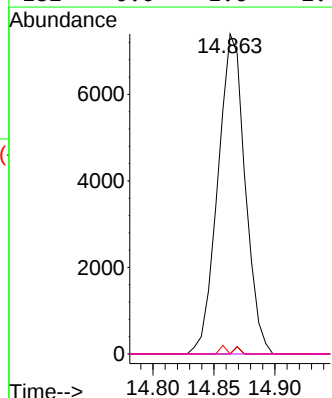
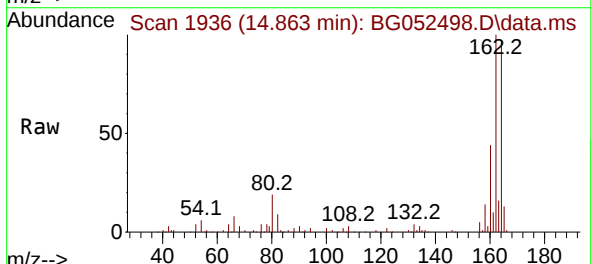
Instrument :
BNA_G
ClientSampleId :
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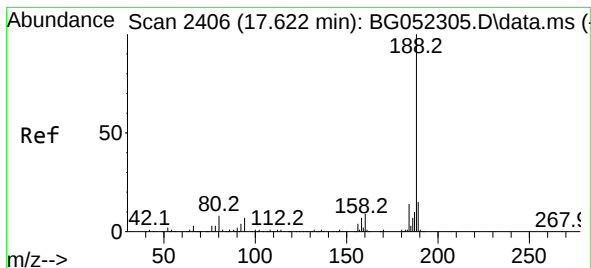
Tgt Ion:165 Resp: 11508
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#



#57
2,4-Dinitrotoluene
Concen: 6.135 ng
RT: 14.863 min Scan# 1936
Delta R.T. -0.357 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

Tgt Ion:165 Resp: 11508
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: 17.612 min Scan# 2404

Delta R.T. -0.010 min

Lab File: BG052498.D

Acq: 28 Feb 2022 12:56

Instrument :

BNA_G

ClientSampleId :

TP-5

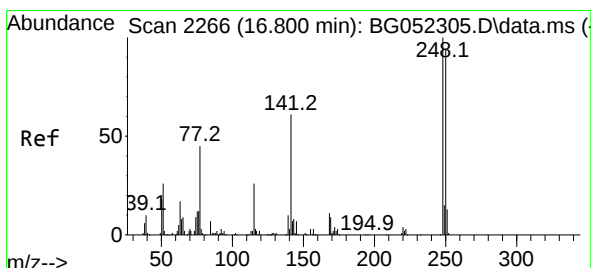
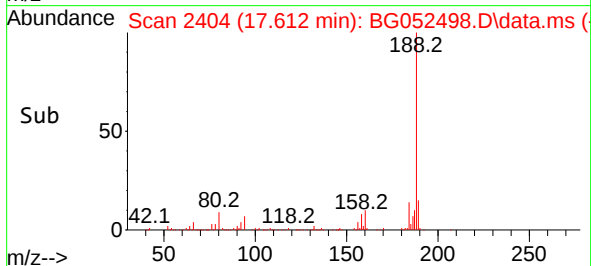
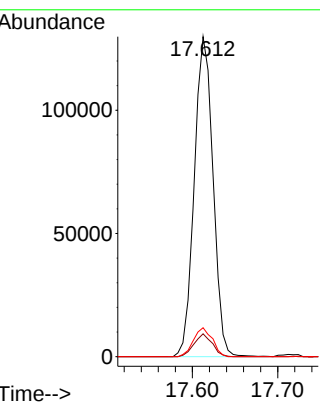
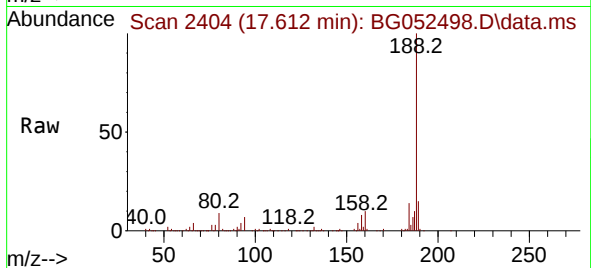
Tgt Ion:188 Resp: 198536

Ion Ratio Lower Upper

188 100

94 7.2 5.9 8.9

80 9.0 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 4.686 ng

RT: 16.355 min Scan# 2190

Delta R.T. -0.445 min

Lab File: BG052498.D

Acq: 28 Feb 2022 12:56

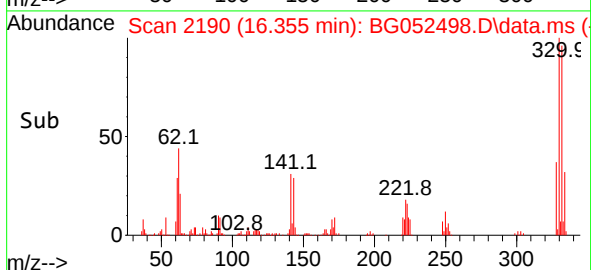
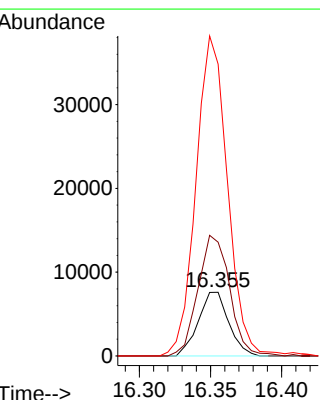
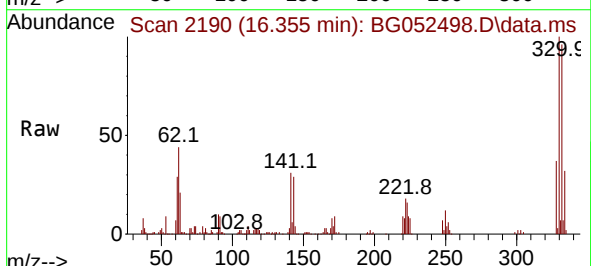
Tgt Ion:248 Resp: 11314

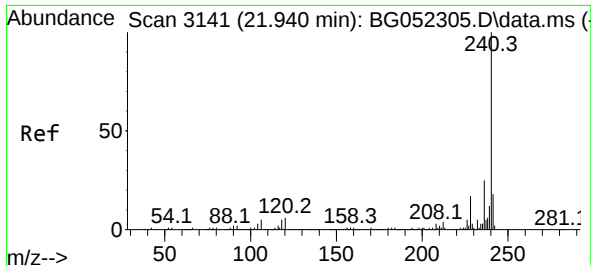
Ion Ratio Lower Upper

248 100

250 178.7 79.6 119.4#

141 458.7 54.6 81.8#

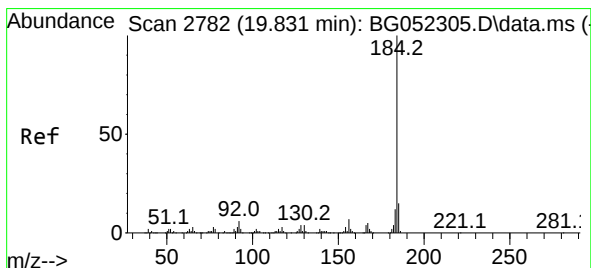
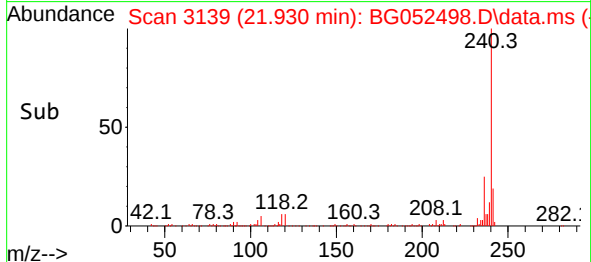
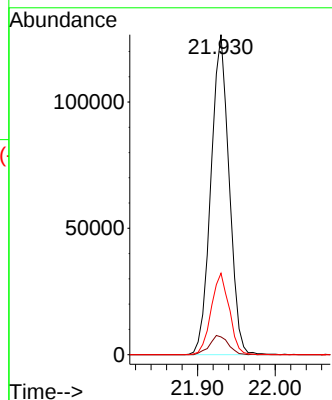
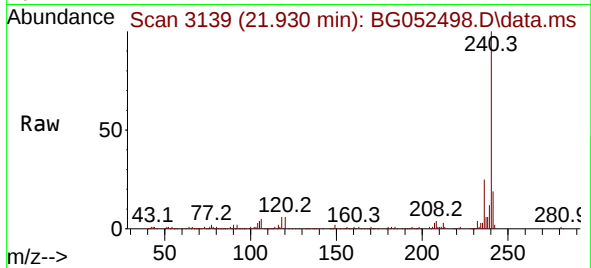




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3141
Delta R.T. -0.010 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

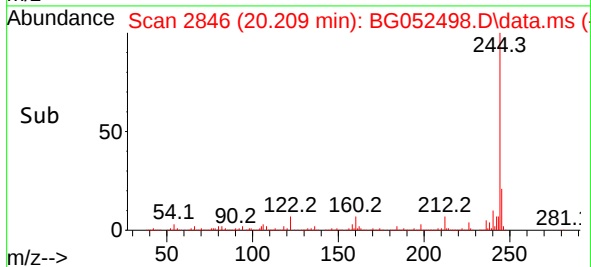
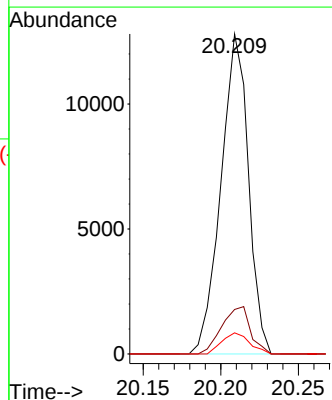
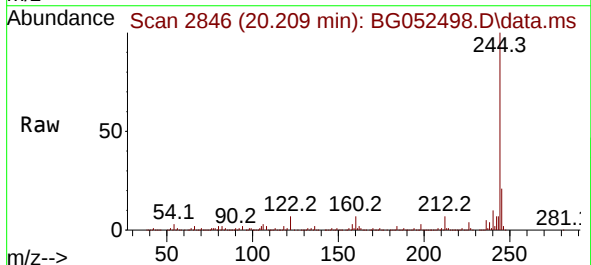
Instrument :
BNA_G
ClientSampleId :
TP-5

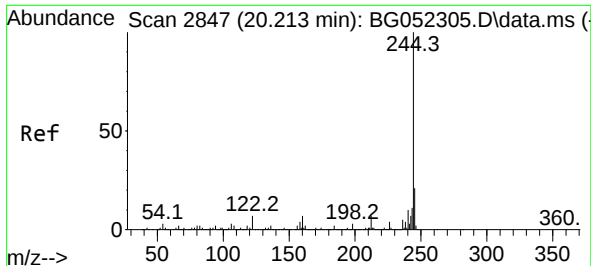
Tgt Ion:240 Resp: 206316
Ion Ratio Lower Upper
240 100
120 5.5 4.4 6.6
236 25.4 20.8 31.2



#77
Benzidine
Concen: 3.571 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.378 min
Lab File: BG052498.D
Acq: 28 Feb 2022 12:56

Tgt Ion:184 Resp: 15744
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.8
183 6.6 9.8 14.6#

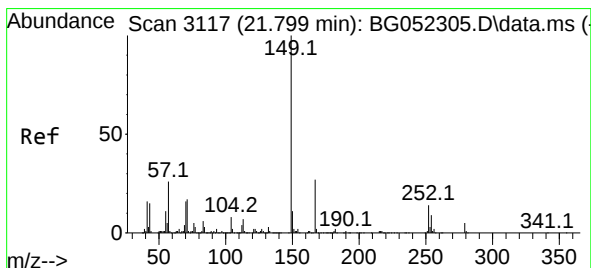
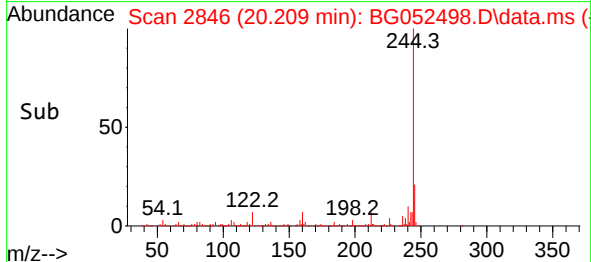
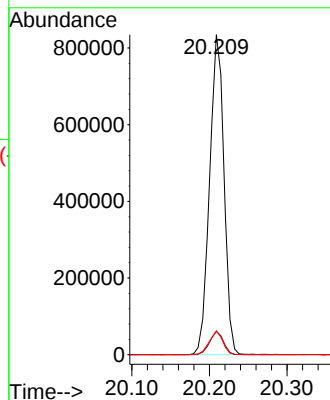
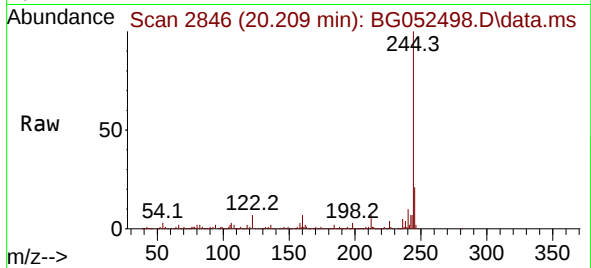




#79
 Terphenyl-d14
 Concen: 92.533 ng
 RT: 20.209 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG052498.D
 Acq: 28 Feb 2022 12:56

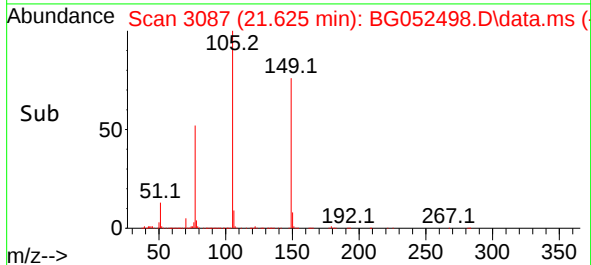
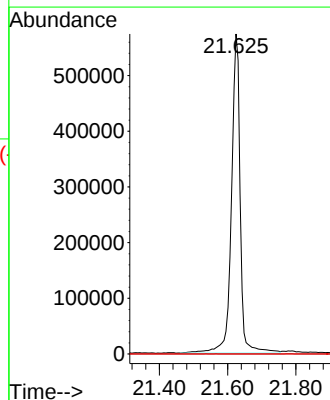
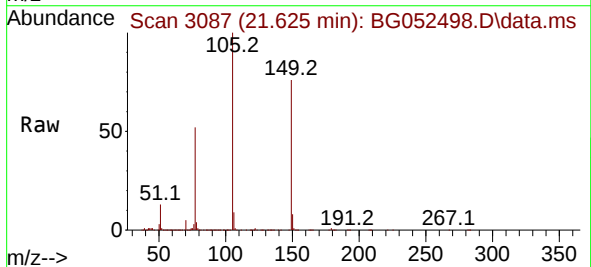
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

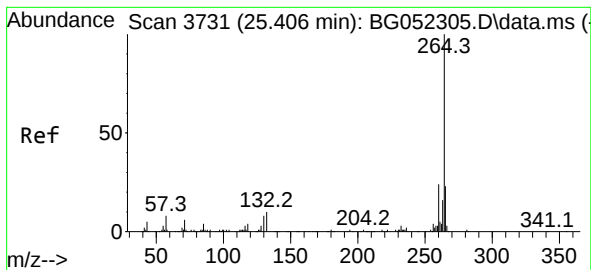
Tgt Ion:244 Resp: 1081114
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.4 6.2 9.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 152.984 ng
 RT: 21.625 min Scan# 3087
 Delta R.T. -0.174 min
 Lab File: BG052498.D
 Acq: 28 Feb 2022 12:56

Tgt Ion:149 Resp: 1017256
 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: 25.396 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG052498.D
 Acq: 28 Feb 2022 12:56

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:264 Resp: 222046
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 20.9 17.8 26.6

