

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
 Data File : BG052537.D
 Acq On : 2 Mar 2022 15:09
 Operator : CG/JU
 Sample : N1719-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TT-148-IDWSO-20220228

Quant Time: Mar 03 02:25:47 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)

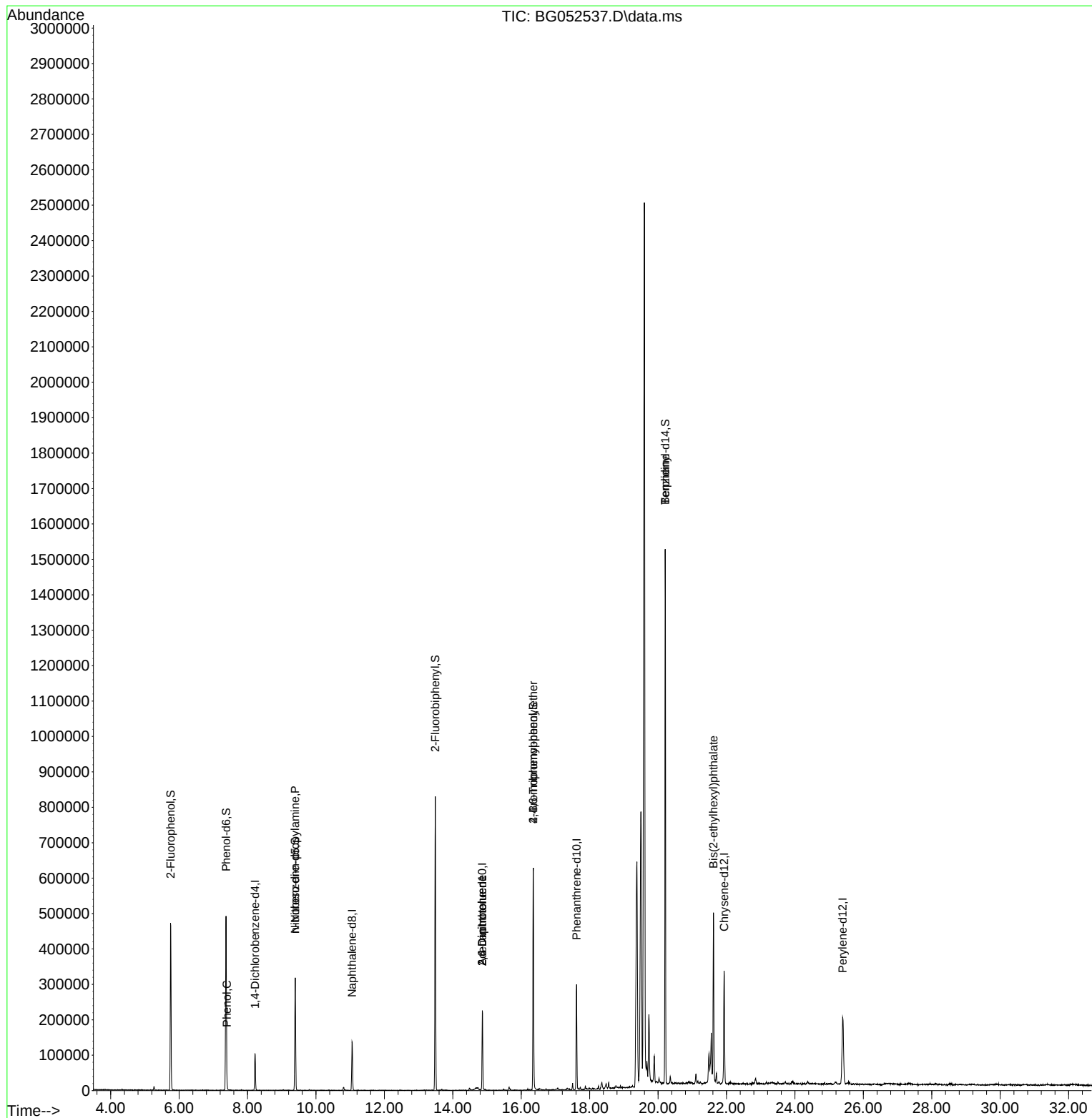
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	29588	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	118831	20.000	ng	#-0.01
39) Acenaphthene-d10	14.862	164	82365	20.000	ng	-0.01
64) Phenanthrene-d10	17.618	188	194736	20.000	ng	0.00
76) Chrysene-d12	21.935	240	208894	20.000	ng	0.00
86) Perylene-d12	25.395	264	226250	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.751	112	210863	124.207	ng	0.00
7) Phenol-d6	7.373	99	289254	110.427	ng	0.00
23) Nitrobenzene-d5	9.393	82	201653	73.752	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	137927	116.561	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	448665	75.692	ng	0.00
79) Terphenyl-d14	20.208	244	776446	65.636	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.367	77	570	Below Cal	#	8
10) Phenol	7.396	94	6467	2.485	ng	91
19) n-Nitroso-di-n-propyla...	9.393	70	27670	14.012	ng	# 72
51) 2,6-Dinitrotoluene	14.862	165	11493	8.441	ng	# 16
57) 2,4-Dinitrotoluene	14.862	165	11493	5.931	ng	# 15
67) 4-Bromophenyl-phenylether	16.355	248	9581	4.046	ng	# 1
77) Benzidine	20.208	184	11031	2.471	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.618	149	206004	30.598	ng	# 54

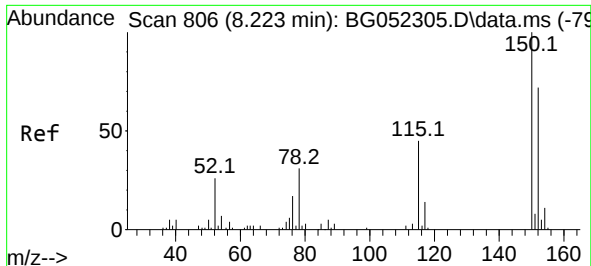
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TT-148-IDWSO-20220228

Quant Time: Mar 03 02:25:47 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

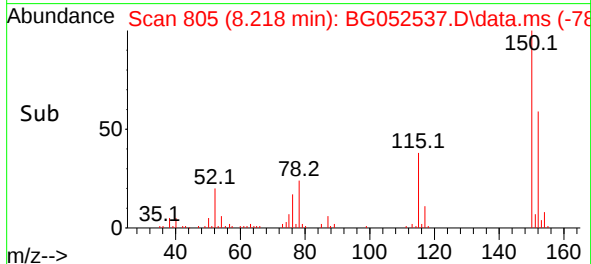
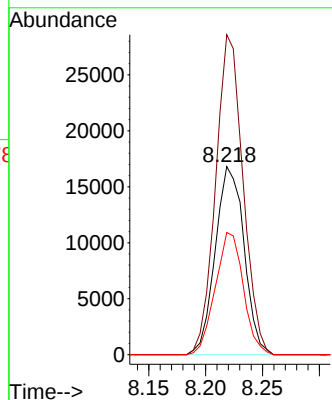
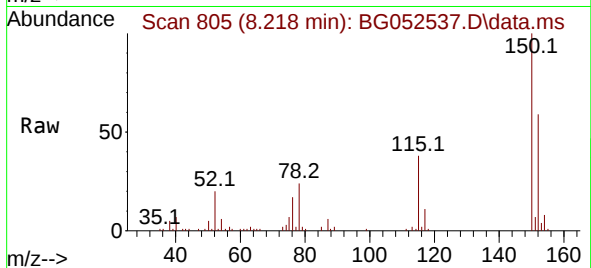




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

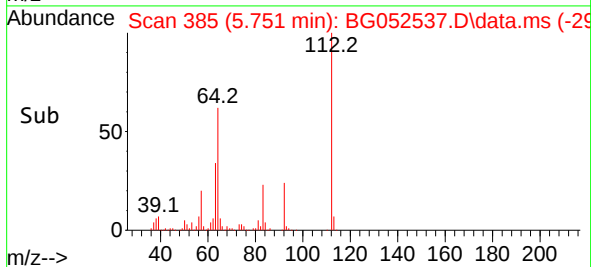
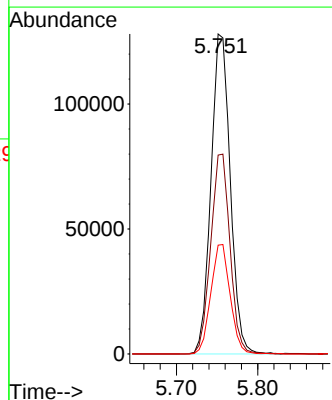
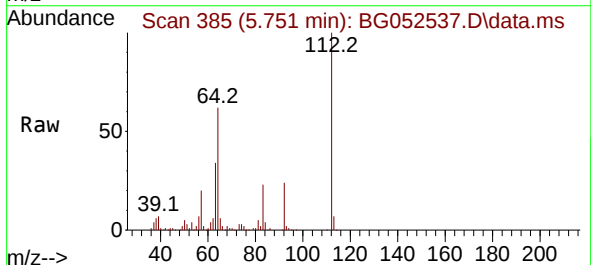
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228

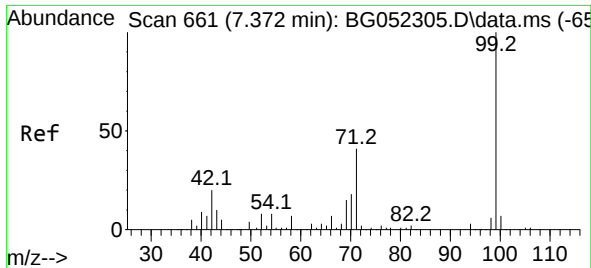
Tgt Ion:152 Resp: 29588
Ion Ratio Lower Upper
152 100
150 170.1 117.8 176.8
115 65.0 50.2 75.2



#5
2-Fluorophenol
Concen: 124.207 ng
RT: 5.751 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

Tgt Ion:112 Resp: 210863
Ion Ratio Lower Upper
112 100
64 62.1 60.4 90.6
63 34.0 33.3 49.9

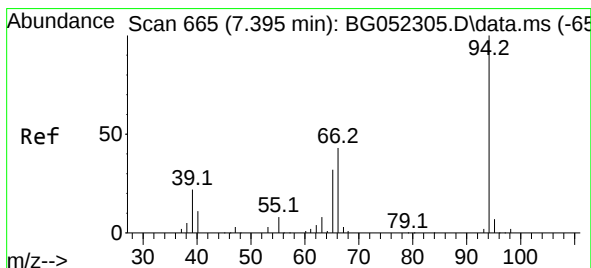
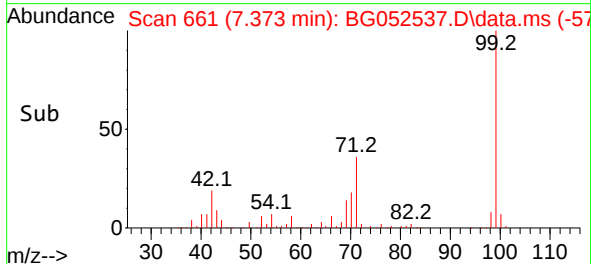
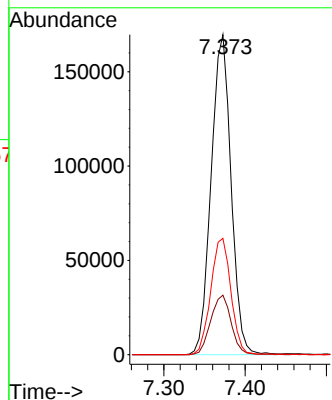
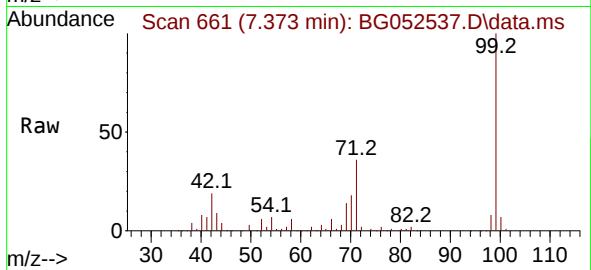




#7
Phenol-d6
Concen: 110.427 ng
RT: 7.373 min Scan# 661
Delta R.T. 0.001 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

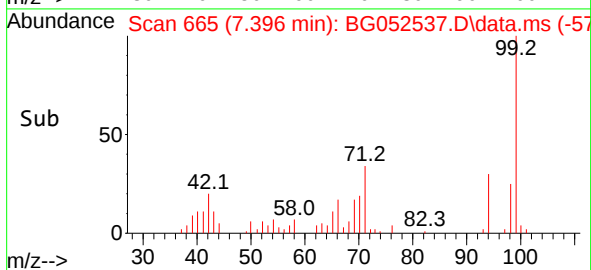
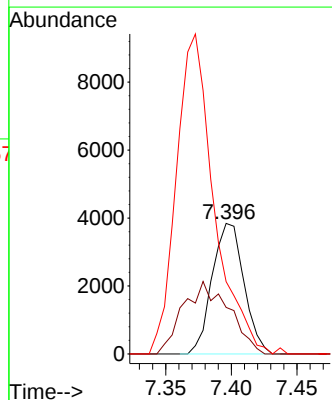
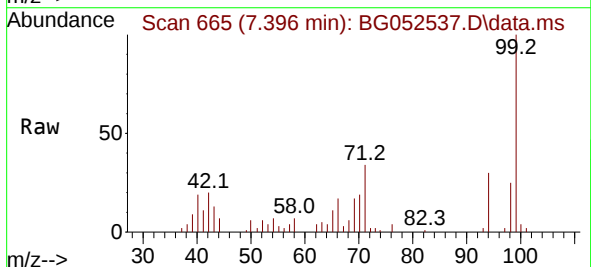
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228

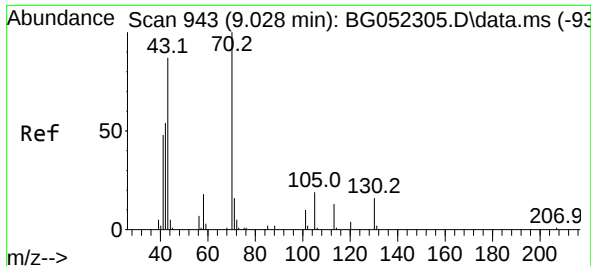
Tgt Ion: 99 Resp: 289254
Ion Ratio Lower Upper
99 100
42 18.6 19.1 28.7#
71 36.3 33.4 50.2



#10
Phenol
Concen: 2.485 ng
RT: 7.396 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

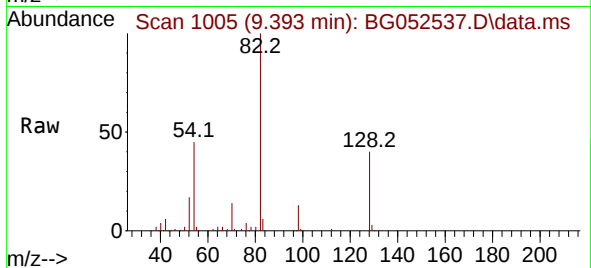
Tgt Ion: 94 Resp: 6467
Ion Ratio Lower Upper
94 100
65 35.6 14.1 54.1
66 55.4 26.6 66.6



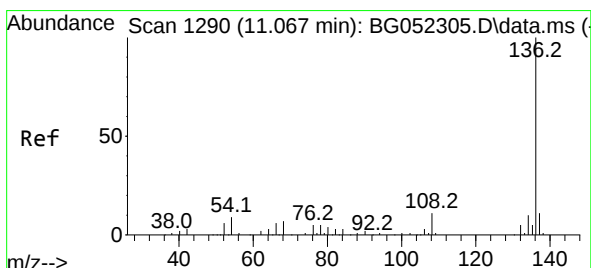
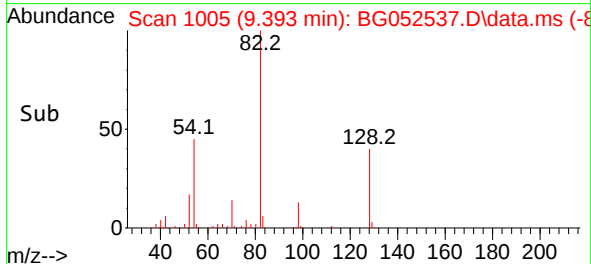
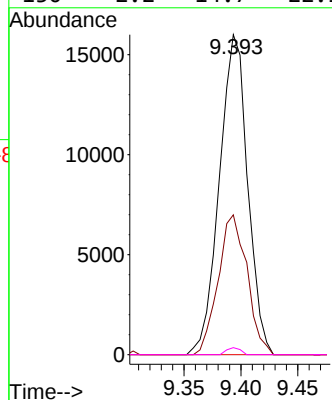


#19
n-Nitroso-di-n-propylamine
Concen: 14.012 ng
RT: 9.393 min Scan# 1005
Delta R.T. 0.365 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228

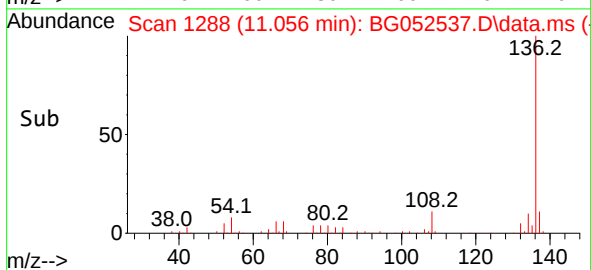
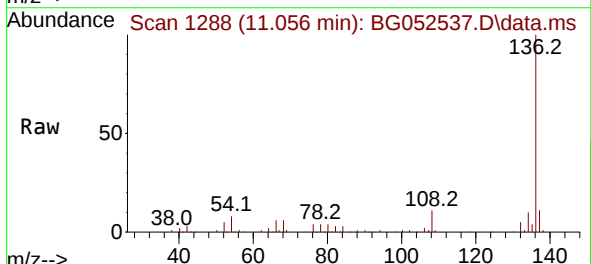
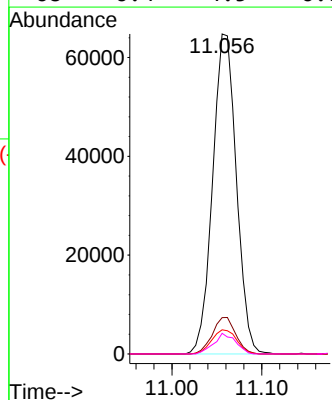


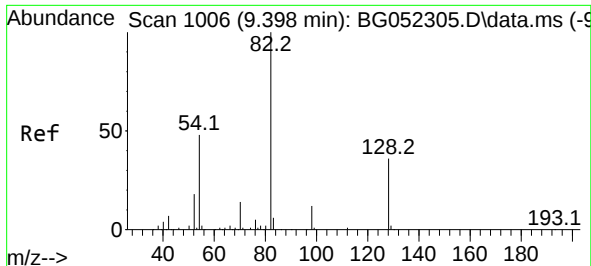
Tgt Ion: 70 Resp: 27670
Ion Ratio Lower Upper
70 100
42 43.7 51.8 77.6#
101 0.0 6.6 10.0#
130 2.2 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 1288
Delta R.T. -0.011 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

Tgt Ion: 136 Resp: 118831
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.6 8.3 12.5#
68 6.4 4.5 6.7

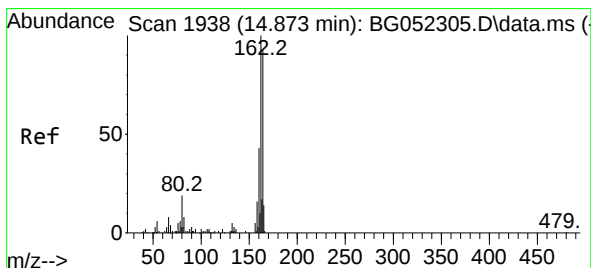
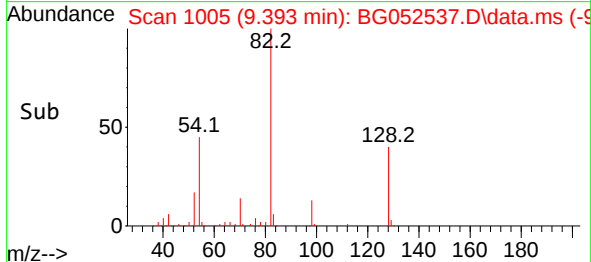
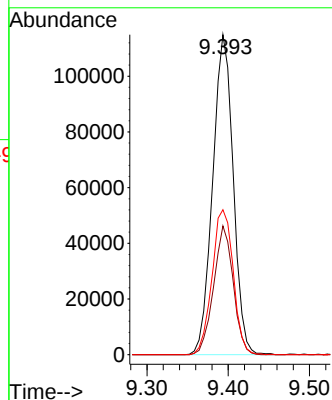
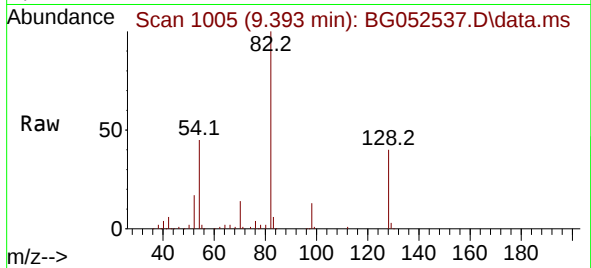




#23
Nitrobenzene-d5
Concen: 73.752 ng
RT: 9.393 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

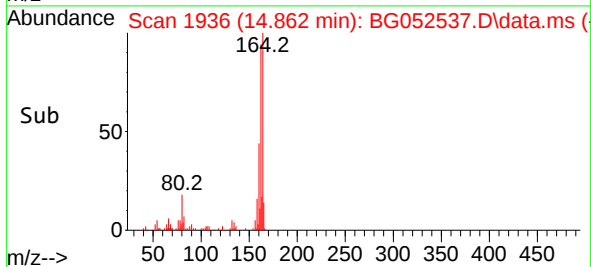
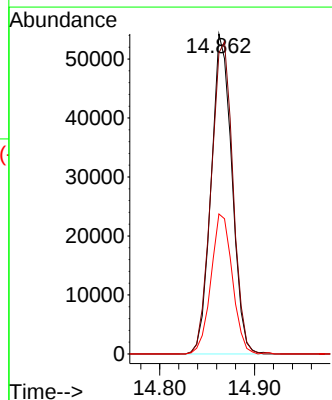
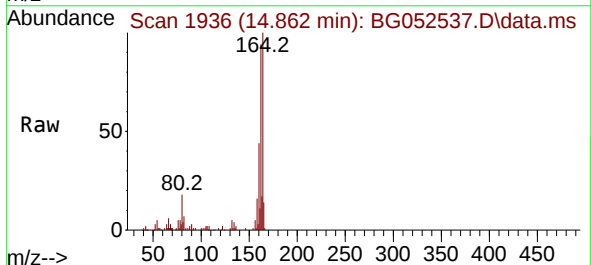
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228

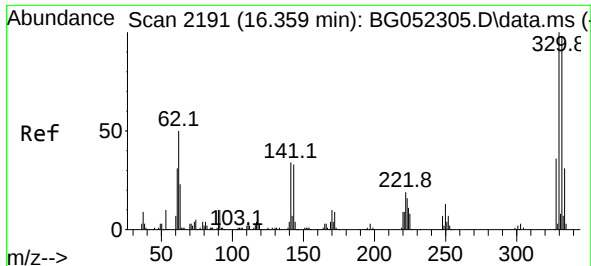
Tgt Ion: 82 Resp: 201653
Ion Ratio Lower Upper
82 100
128 40.2 27.0 40.4
54 45.3 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.862 min Scan# 1936
Delta R.T. -0.011 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

Tgt Ion:164 Resp: 82365
Ion Ratio Lower Upper
164 100
162 94.0 82.2 123.2
160 43.8 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 116.561 ng

RT: 16.355 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG052537.D

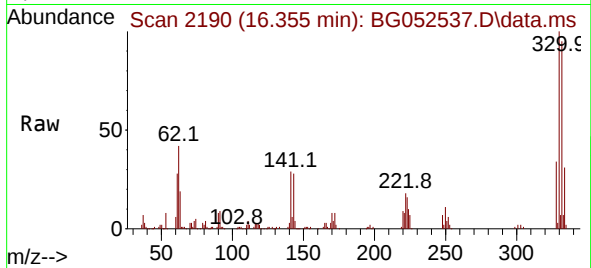
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Instrument :

BNA_G

ClientSampleId :

TT-148-IDWSO-20220228



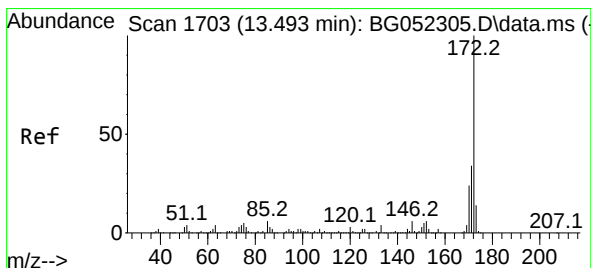
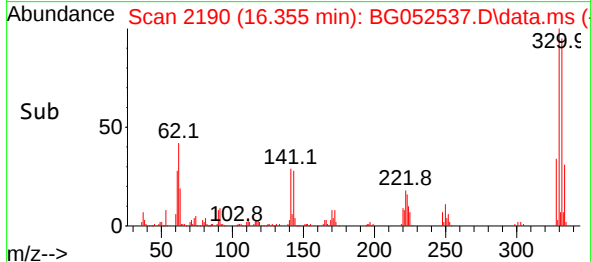
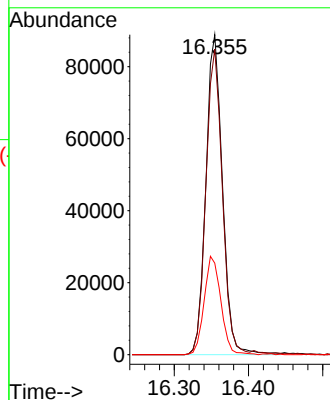
Tgt Ion:330 Resp: 137927

Ion Ratio Lower Upper

330 100

332 94.5 78.6 117.8

141 31.0 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 75.692 ng

RT: 13.488 min Scan# 1702

Delta R.T. -0.005 min

Lab File: BG052537.D

Acq: 2 Mar 2022 15:09

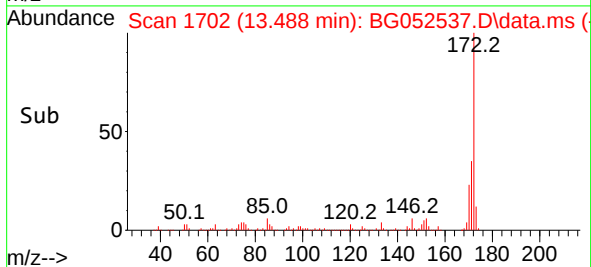
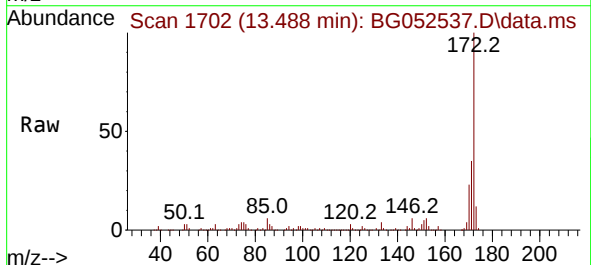
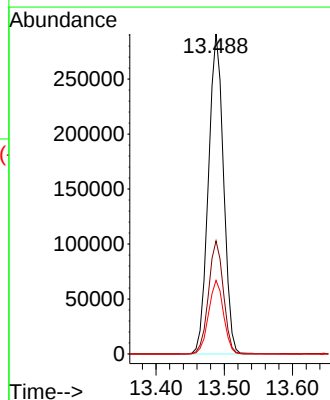
Tgt Ion:172 Resp: 448665

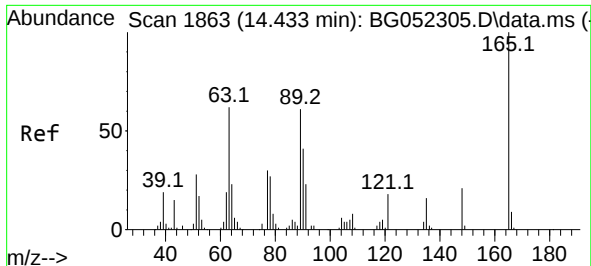
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.0 18.3 27.5

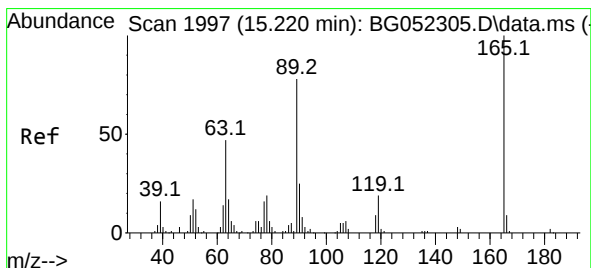
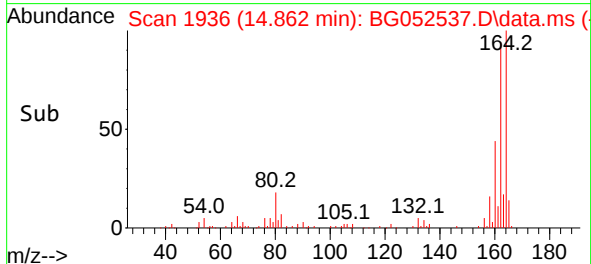
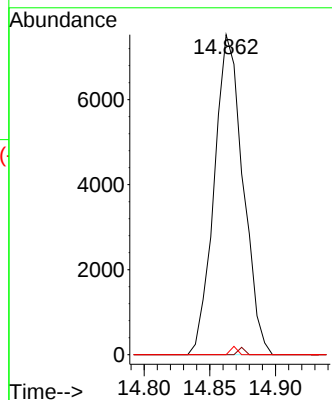
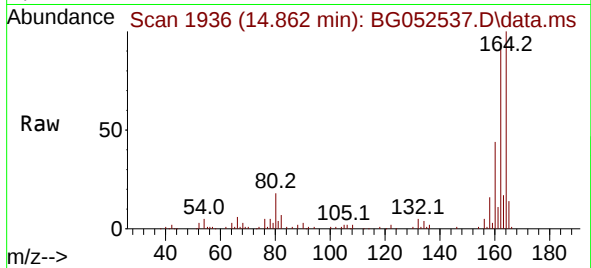




#51
2,6-Dinitrotoluene
Concen: 8.441 ng
RT: 14.862 min Scan# 1936
Delta R.T. 0.430 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

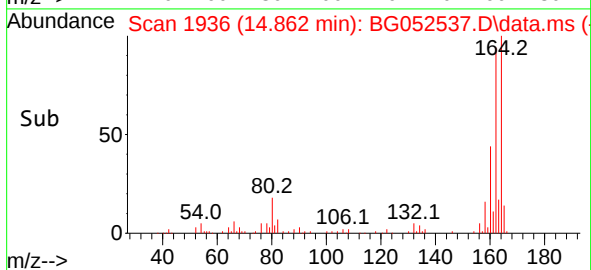
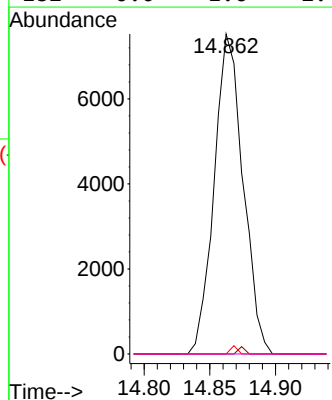
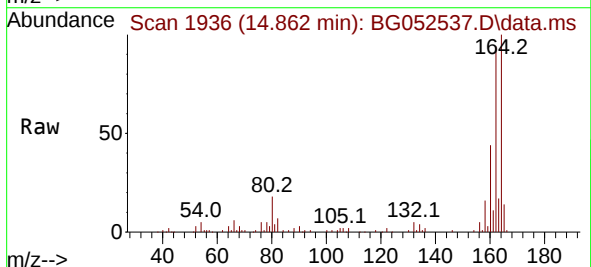
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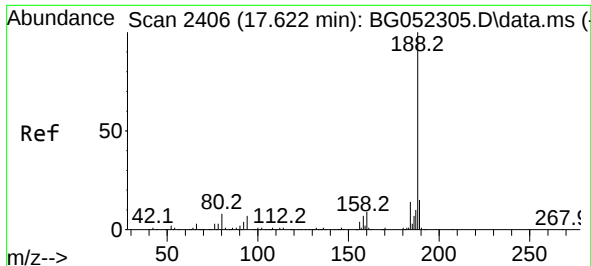
Tgt Ion:165 Resp: 11493
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#



#57
2,4-Dinitrotoluene
Concen: 5.931 ng
RT: 14.862 min Scan# 1936
Delta R.T. -0.357 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

Tgt Ion:165 Resp: 11493
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#

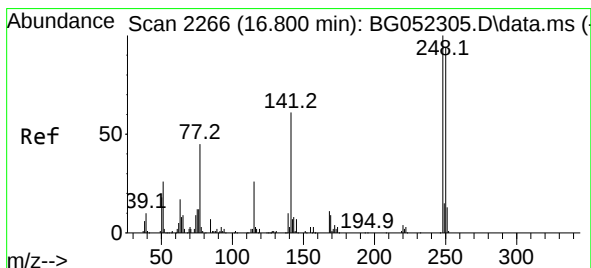
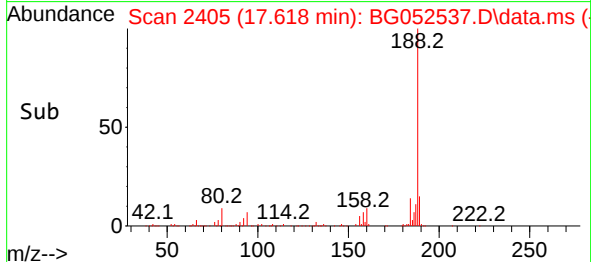
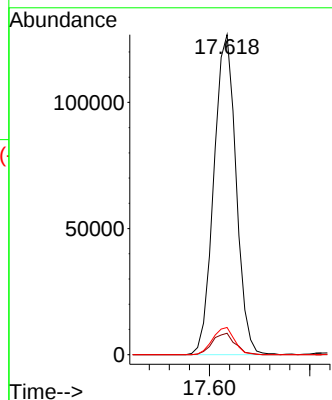
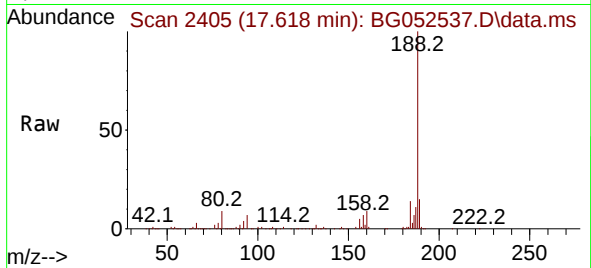




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

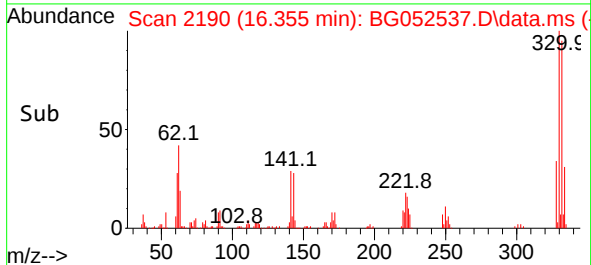
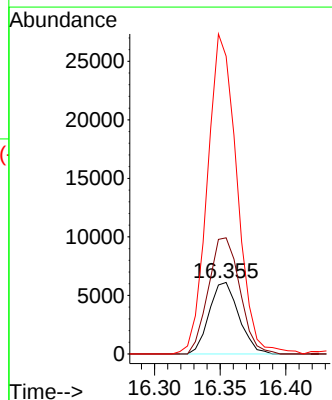
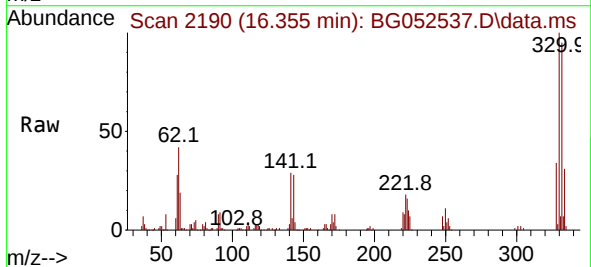
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228

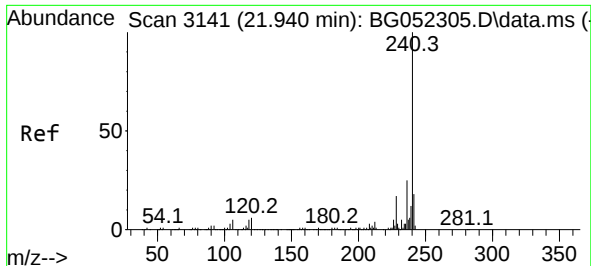
Tgt Ion:188 Resp: 194736
Ion Ratio Lower Upper
188 100
94 6.7 5.9 8.9
80 8.5 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.046 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.445 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

Tgt Ion:248 Resp: 9581
Ion Ratio Lower Upper
248 100
250 162.6 79.6 119.4#
141 416.4 54.6 81.8#

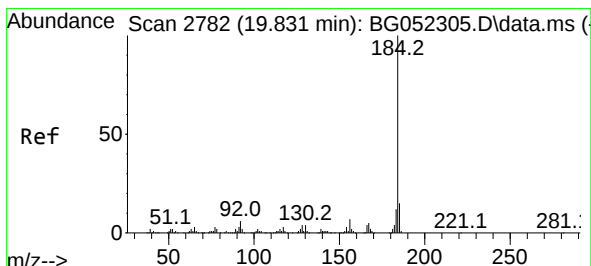
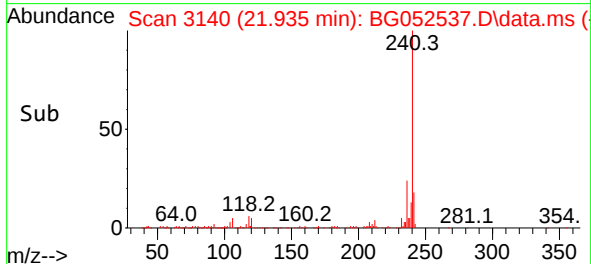
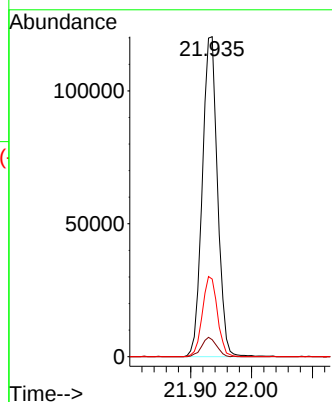
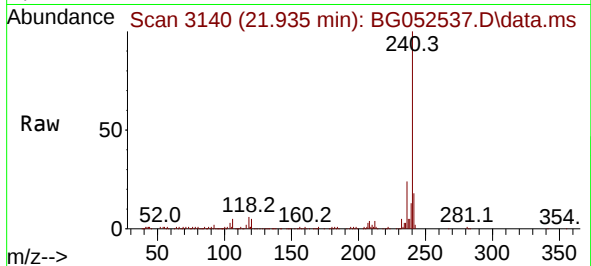




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.935 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

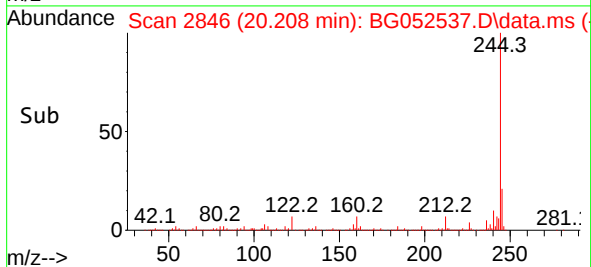
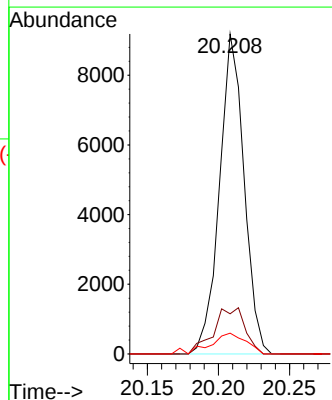
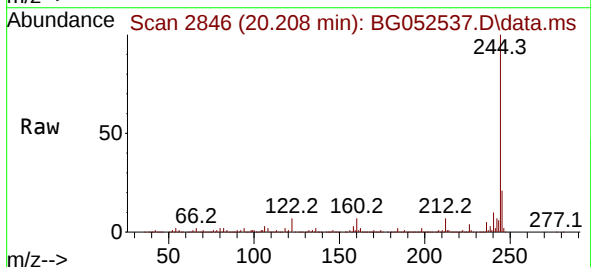
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228

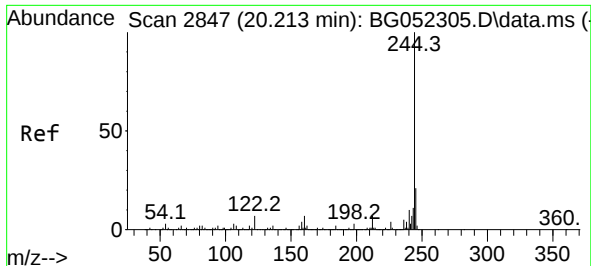
Tgt Ion:240 Resp: 208894
Ion Ratio Lower Upper
240 100
120 5.3 4.4 6.6
236 24.2 20.8 31.2



#77
Benzidine
Concen: 2.471 ng
RT: 20.208 min Scan# 2846
Delta R.T. 0.377 min
Lab File: BG052537.D
Acq: 2 Mar 2022 15:09

Tgt Ion:184 Resp: 11031
Ion Ratio Lower Upper
184 100
185 12.6 11.8 17.8
183 6.5 9.8 14.6#

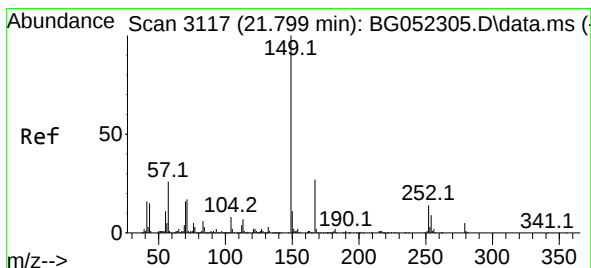
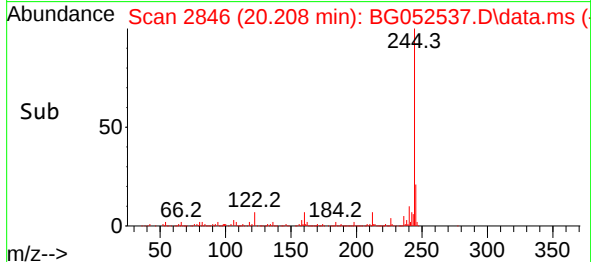
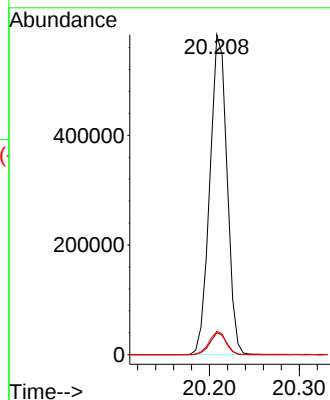
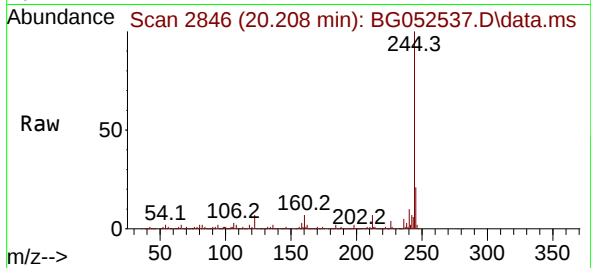




#79
 Terphenyl-d14
 Concen: 65.636 ng
 RT: 20.208 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG052537.D
 Acq: 2 Mar 2022 15:09

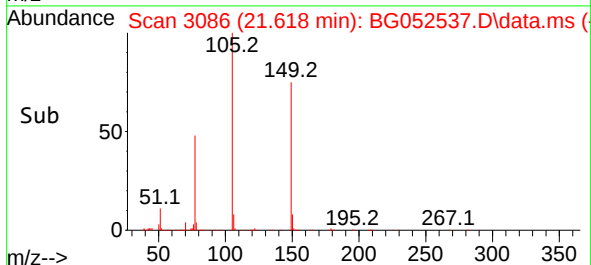
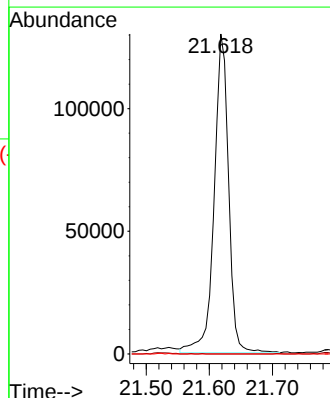
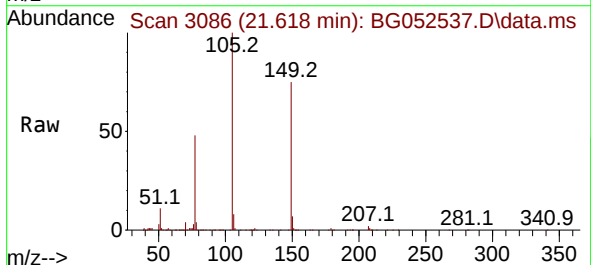
Instrument :
 BNA_G
 ClientSampleId :
 TT-148-IDWSO-20220228

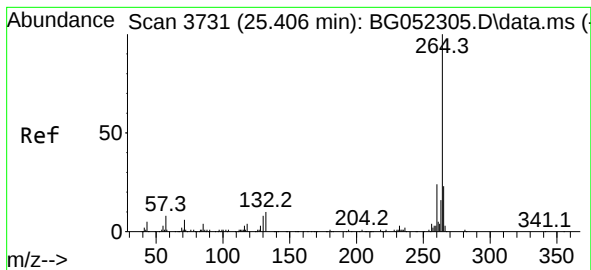
Tgt Ion:244 Resp: 776446
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 7.3 6.2 9.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.598 ng
 RT: 21.618 min Scan# 3086
 Delta R.T. -0.181 min
 Lab File: BG052537.D
 Acq: 2 Mar 2022 15:09

Tgt Ion:149 Resp: 206004
 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: 25.395 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG052537.D

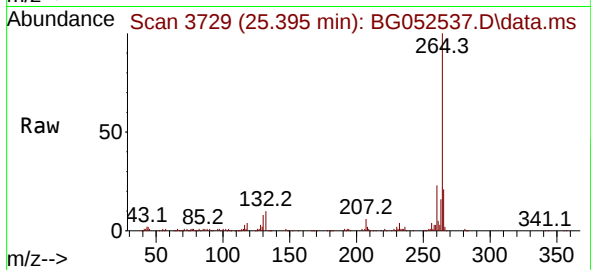
Acq: 2 Mar 2022 15:09

Instrument :

BNA_G

ClientSampleId :

TT-148-IDWSO-20220228



Tgt Ion:264 Resp: 226250

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.2 17.8 26.6

