

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052497.D
 Acq On : 28 Feb 2022 12:15
 Operator : CG/JU
 Sample : PB142918TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142918TB

Quant Time: Mar 01 00:59:11 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)

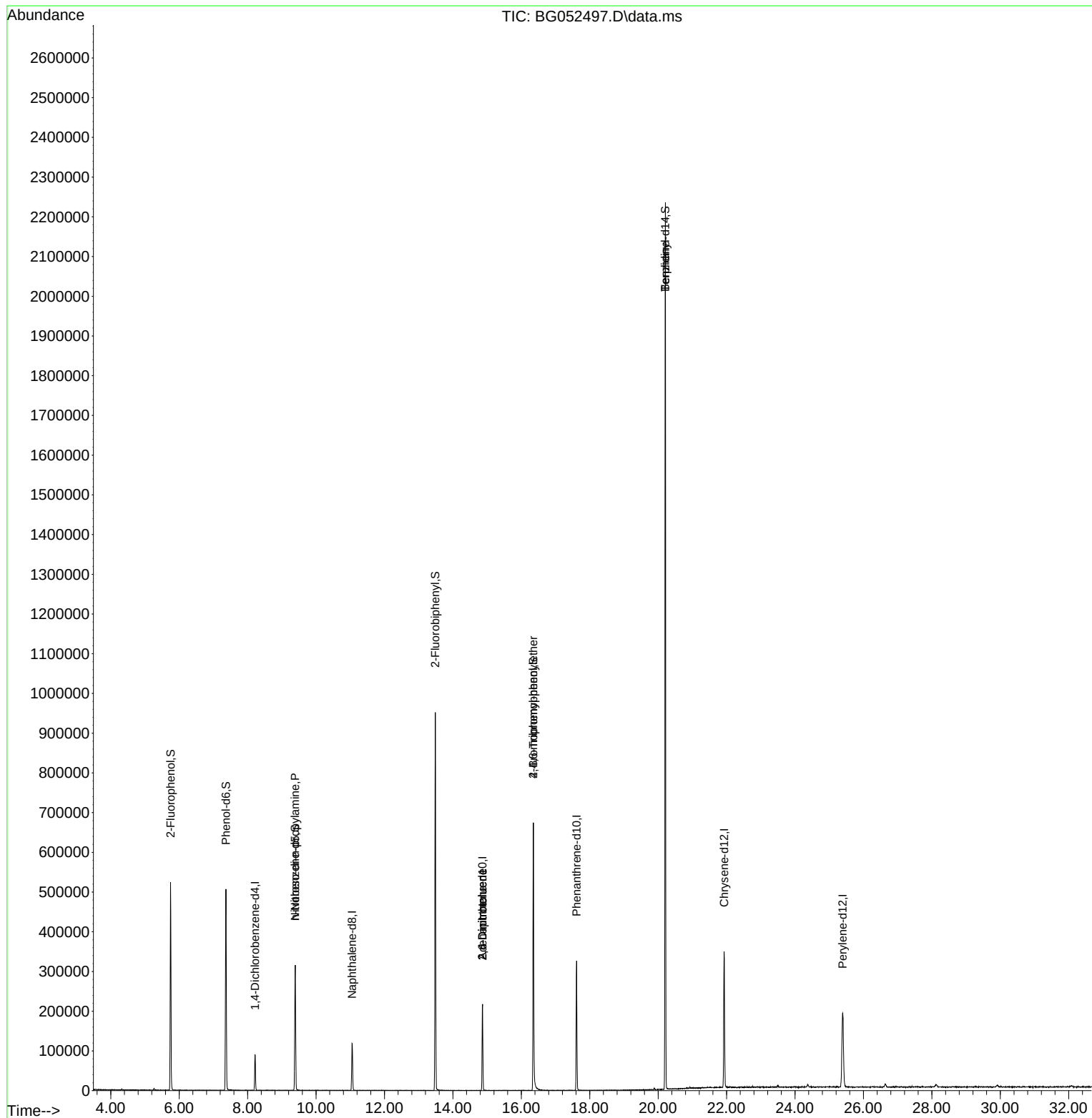
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	26303	20.000	ng	0.00
21) Naphthalene-d8	11.053	136	108502	20.000	ng	#-0.01
39) Acenaphthene-d10	14.866	164	81901	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	214890	20.000	ng	0.00
76) Chrysene-d12	21.927	240	240860	20.000	ng	-0.01
86) Perylene-d12	25.393	264	236096	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	223752	148.260	ng	0.00
7) Phenol-d6	7.364	99	302378	129.855	ng	0.00
23) Nitrobenzene-d5	9.391	82	207553	83.137	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	150574	127.970	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	509238	86.397	ng	0.00
79) Terphenyl-d14	20.212	244	1177078	86.297	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.364	77	480	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.391	70	27644	15.747	ng	# 65
51) 2,6-Dinitrotoluene	14.866	165	10966	8.100	ng	# 16
57) 2,4-Dinitrotoluene	14.866	165	10966	5.691	ng	# 15
67) 4-Bromophenyl-phenylether	16.352	248	9952	3.808	ng	# 1
77) Benzidine	20.212	184	16681	3.241	ng	# 83

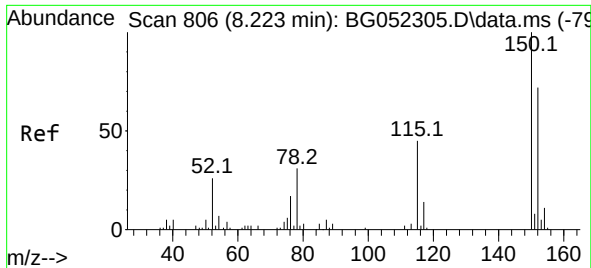
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
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Quant Time: Mar 01 00:59:11 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

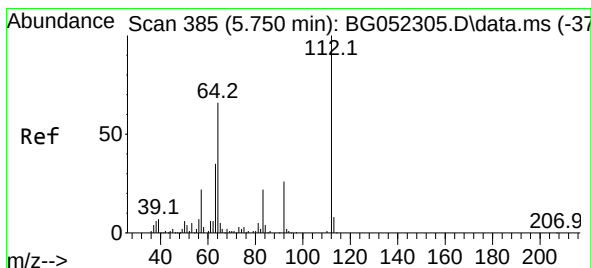
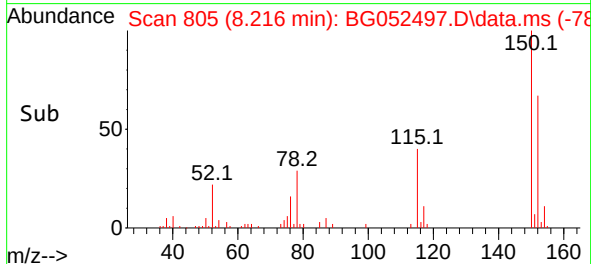
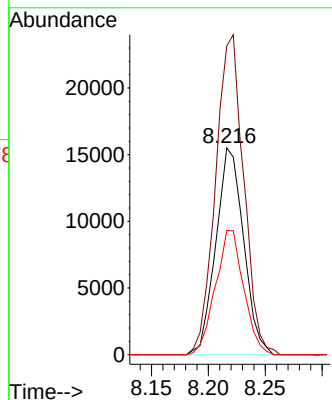
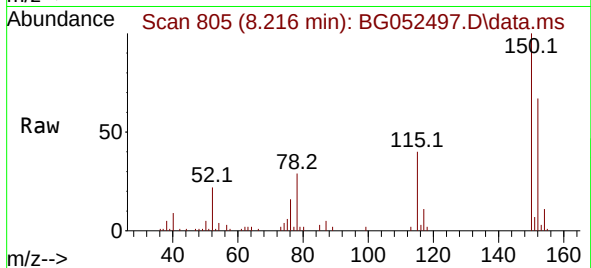




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

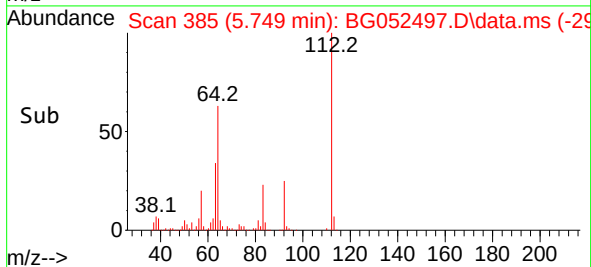
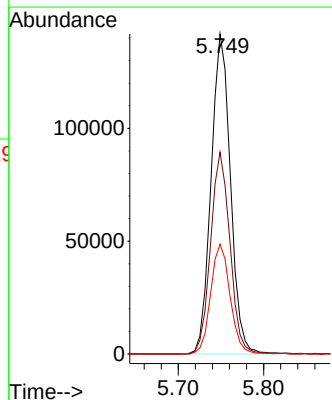
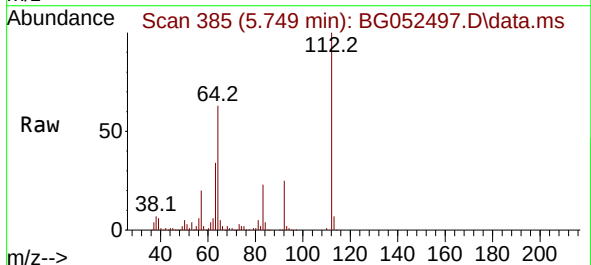
Instrument :
BNA_G
ClientSampleId :
PB142918TB

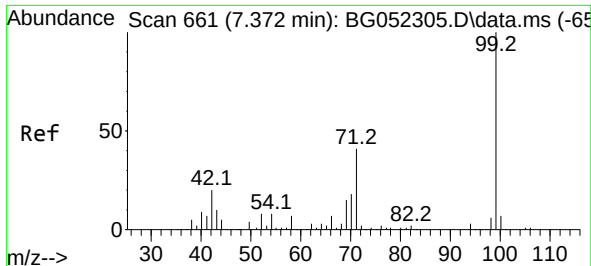
Tgt Ion:152 Resp: 26303
Ion Ratio Lower Upper
152 100
150 149.3 117.8 176.8
115 60.0 50.2 75.2



#5
2-Fluorophenol
Concen: 148.260 ng
RT: 5.749 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

Tgt Ion:112 Resp: 223752
Ion Ratio Lower Upper
112 100
64 63.1 60.4 90.6
63 34.3 33.3 49.9

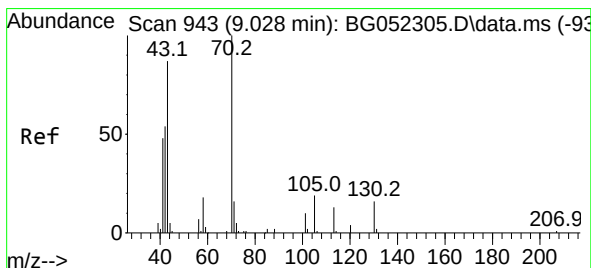
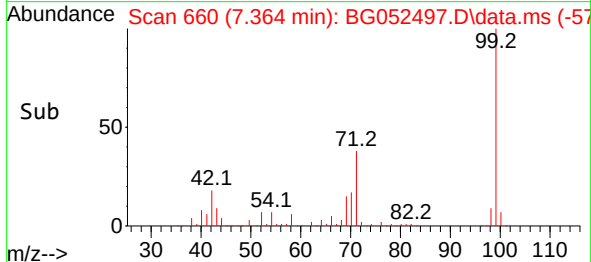
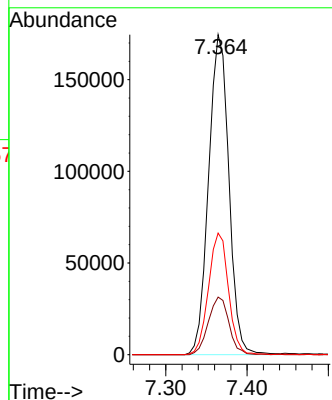
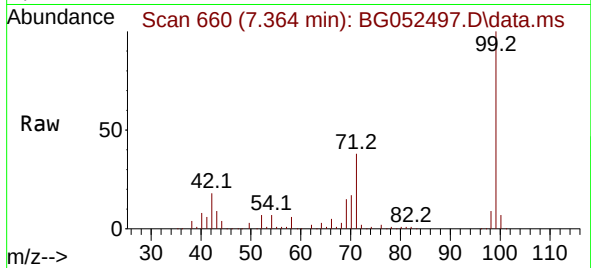




#7
Phenol-d6
Concen: 129.855 ng
RT: 7.364 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

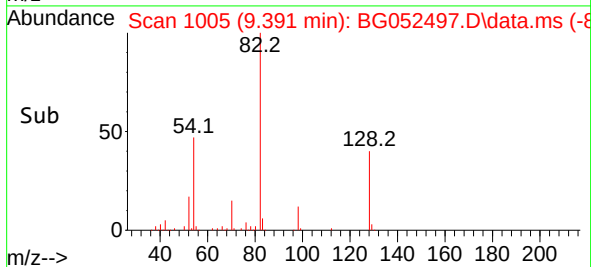
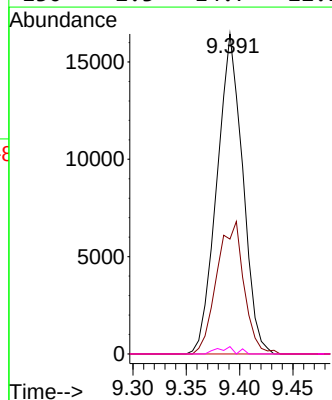
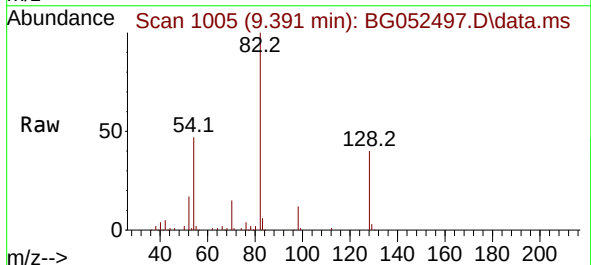
Instrument :
BNA_G
ClientSampleId :
PB142918TB

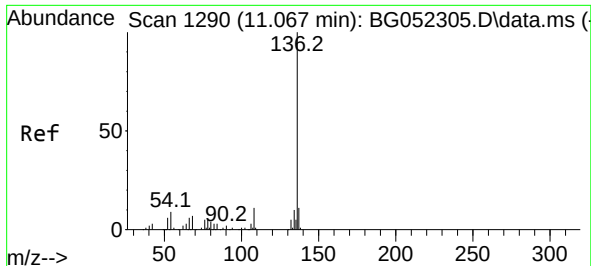
Tgt Ion: 99 Resp: 302378
Ion Ratio Lower Upper
99 100
42 18.0 19.1 28.7#
71 38.0 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.747 ng
RT: 9.391 min Scan# 1005
Delta R.T. 0.363 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

Tgt Ion: 70 Resp: 27644
Ion Ratio Lower Upper
70 100
42 35.9 51.8 77.6#
101 0.0 6.6 10.0#
130 2.3 14.7 22.1#

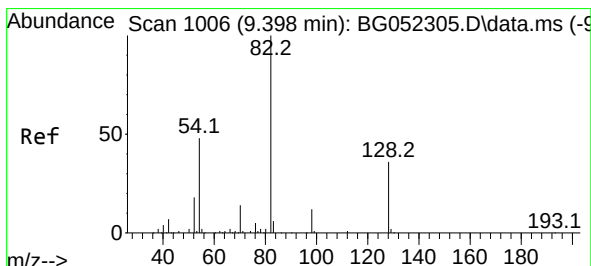
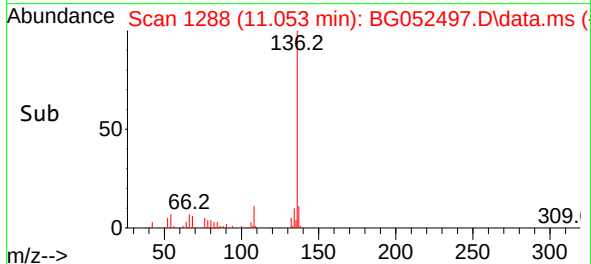
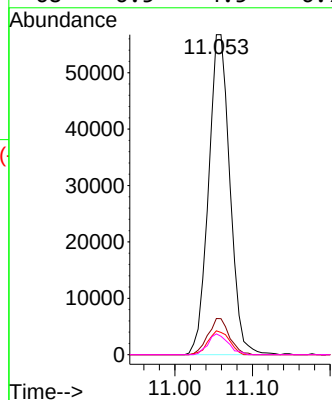
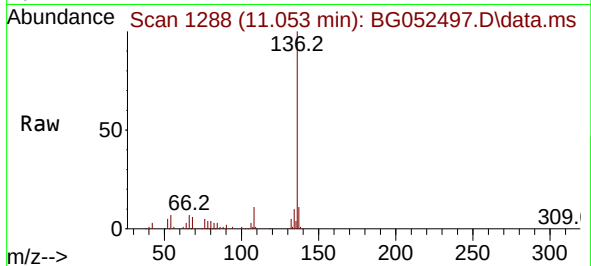




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.053 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

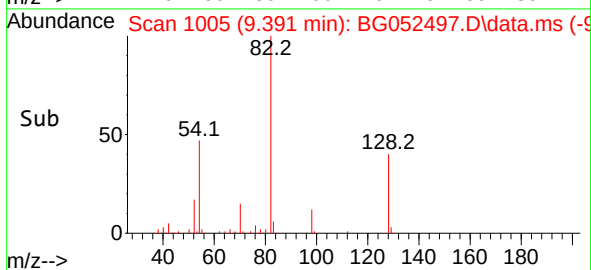
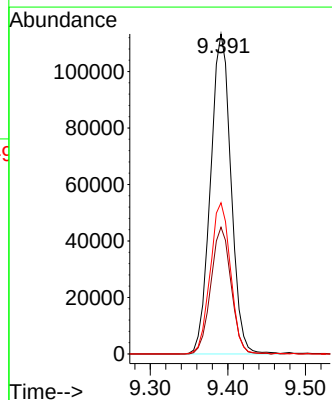
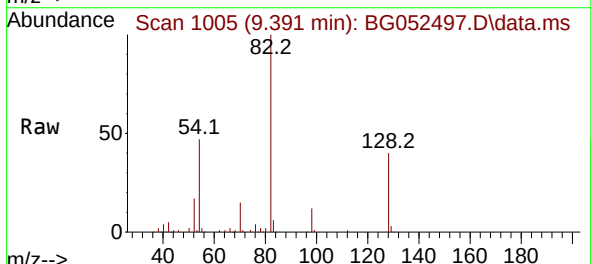
Instrument :
BNA_G
ClientSampleId :
PB142918TB

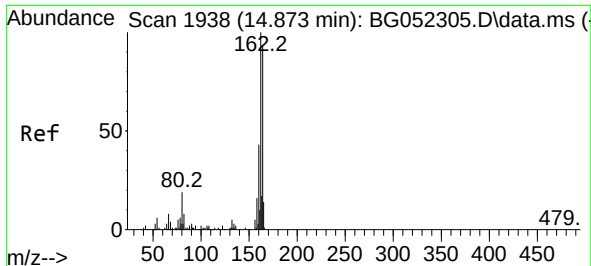
Tgt Ion:136 Resp: 108502
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.4 8.3 12.5#
68 6.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 83.137 ng
RT: 9.391 min Scan# 1005
Delta R.T. -0.007 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

Tgt Ion: 82 Resp: 207553
Ion Ratio Lower Upper
82 100
128 39.6 27.0 40.4
54 47.2 41.0 61.6

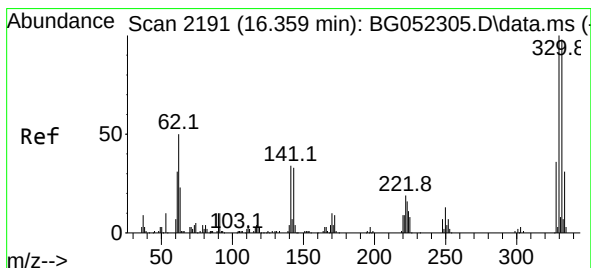
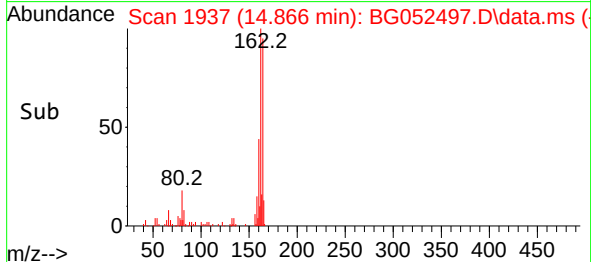
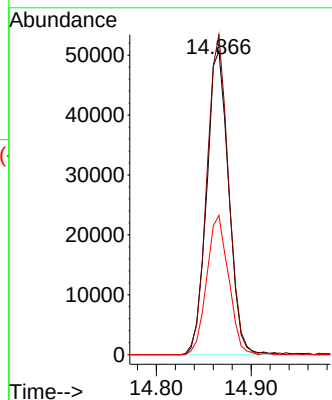
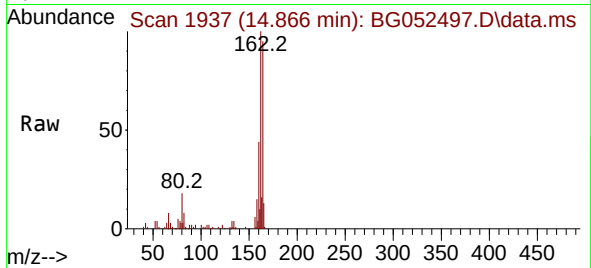




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1937
Delta R.T. -0.007 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

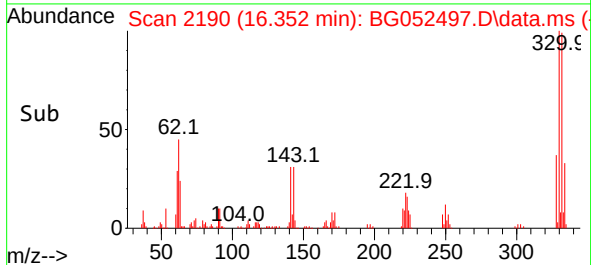
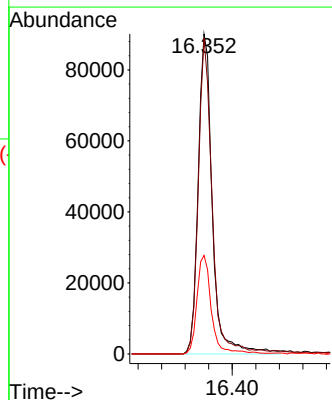
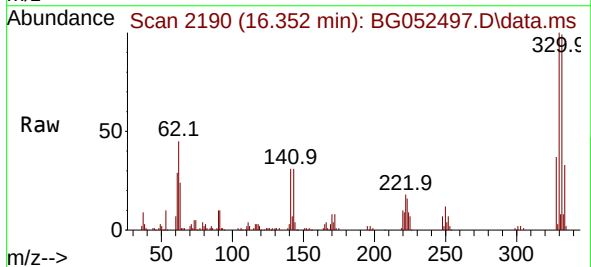
Instrument :
BNA_G
ClientSampleId :
PB142918TB

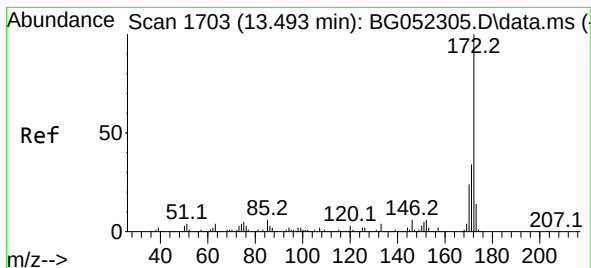
Tgt Ion:164 Resp: 81901
Ion Ratio Lower Upper
164 100
162 105.3 82.2 123.2
160 45.8 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 127.970 ng
RT: 16.352 min Scan# 2190
Delta R.T. -0.007 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

Tgt Ion:330 Resp: 150574
Ion Ratio Lower Upper
330 100
332 95.8 78.6 117.8
141 31.5 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 86.397 ng

RT: 13.485 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG052497.D

Acq: 28 Feb 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB142918TB

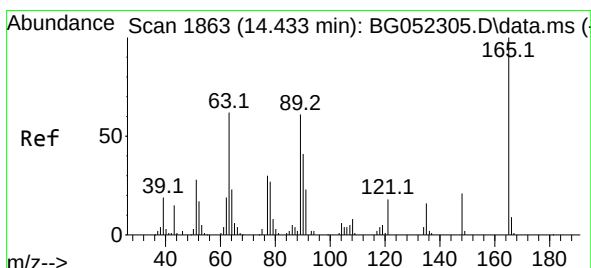
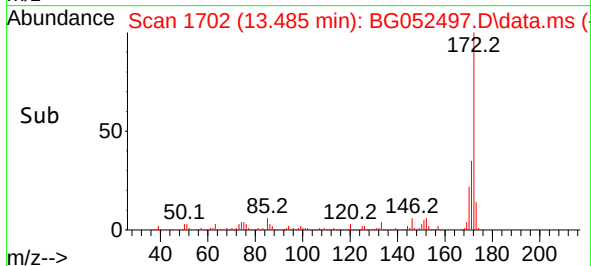
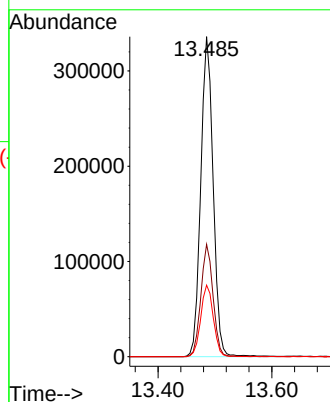
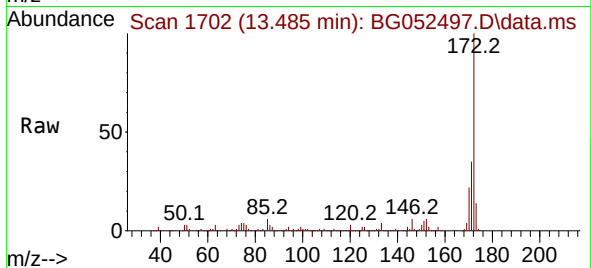
Tgt Ion:172 Resp: 509238

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 22.4 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 8.100 ng

RT: 14.866 min Scan# 1937

Delta R.T. 0.433 min

Lab File: BG052497.D

Acq: 28 Feb 2022 12:15

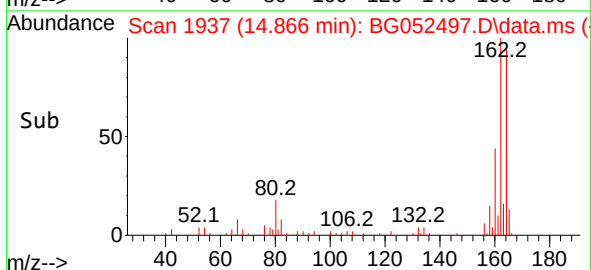
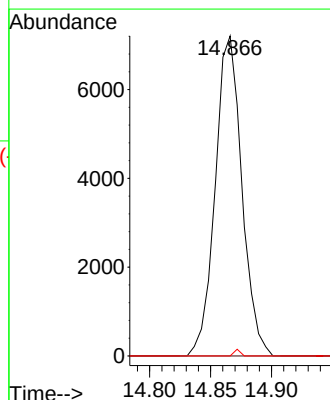
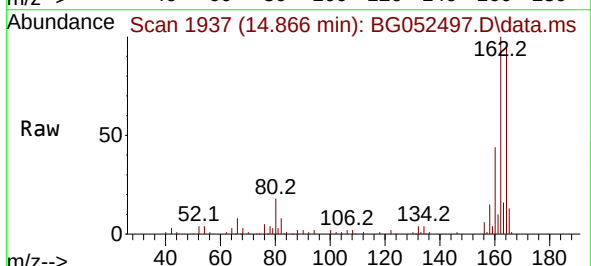
Tgt Ion:165 Resp: 10966

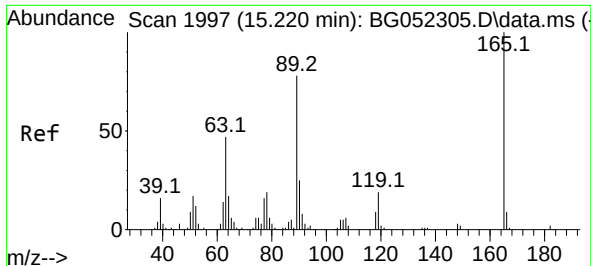
Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 0.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.691 ng

RT: 14.866 min Scan# 19

Delta R.T. -0.354 min

Lab File: BG052497.D

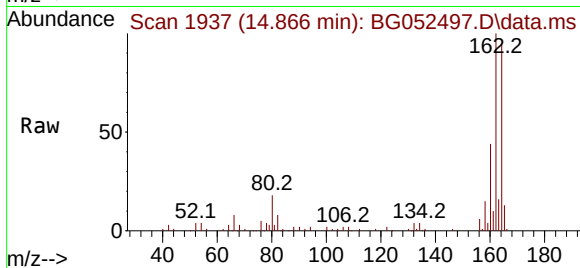
Acq: 28 Feb 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB142918TB



Tgt Ion:165 Resp: 10966

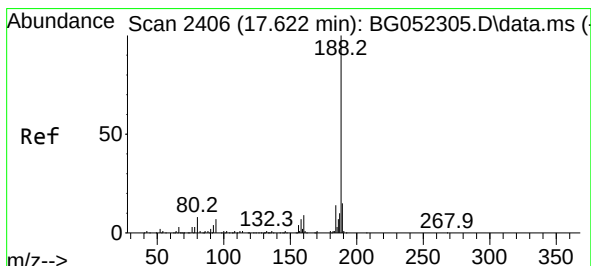
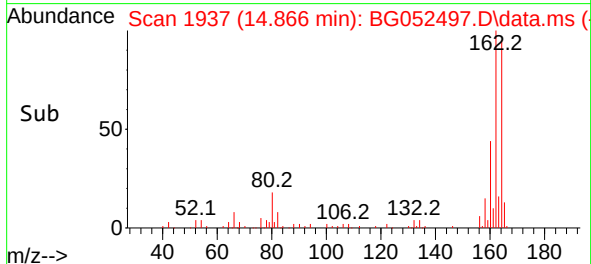
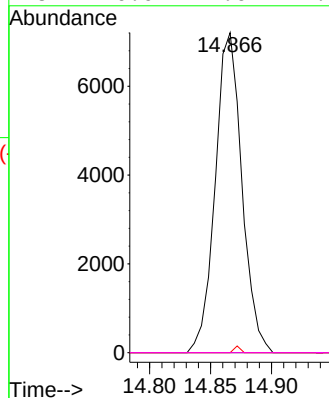
Ion Ratio Lower Upper

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: 17.615 min Scan# 2405

Delta R.T. -0.007 min

Lab File: BG052497.D

Acq: 28 Feb 2022 12:15

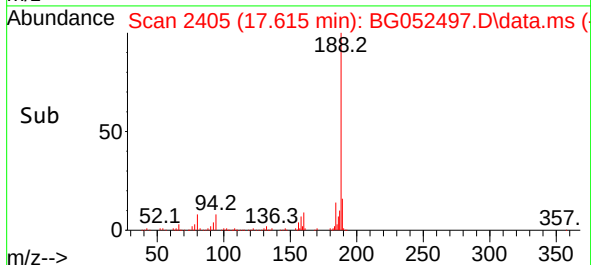
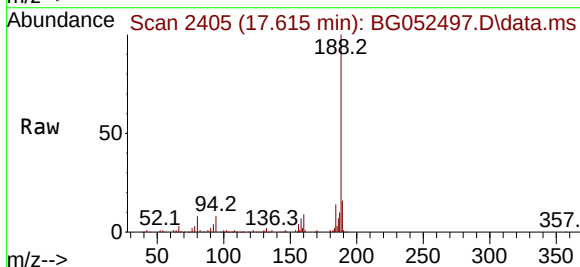
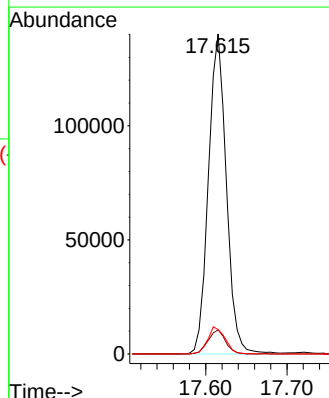
Tgt Ion:188 Resp: 214890

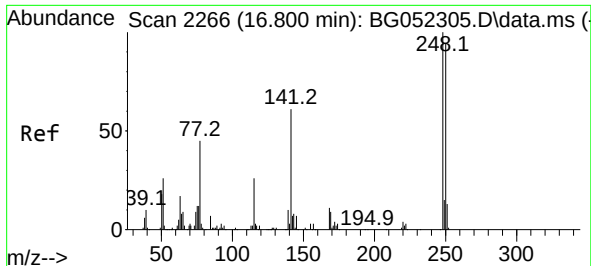
Ion Ratio Lower Upper

188 100

94 7.5 5.9 8.9

80 7.6 6.6 10.0

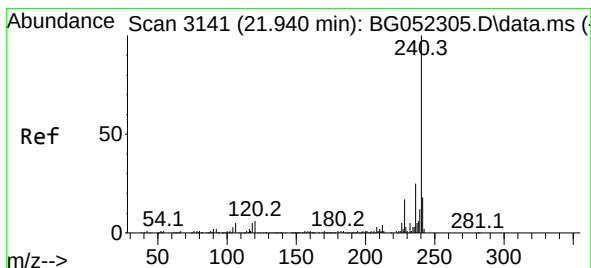
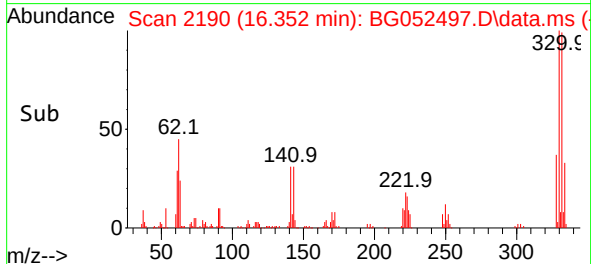
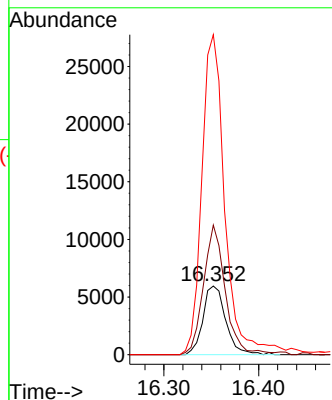
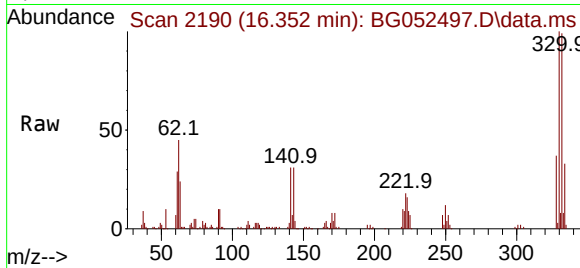




#67
4-Bromophenyl-phenylether
Concen: 3.808 ng
RT: 16.352 min Scan# 21190
Delta R.T. -0.448 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

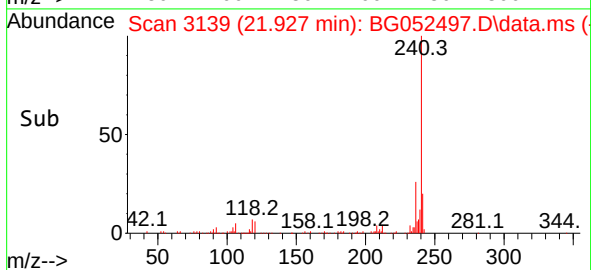
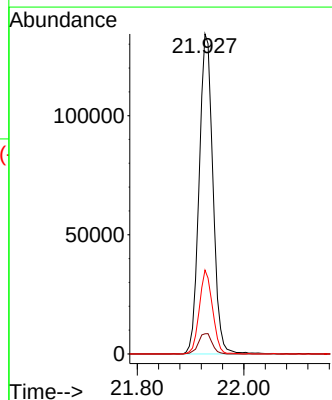
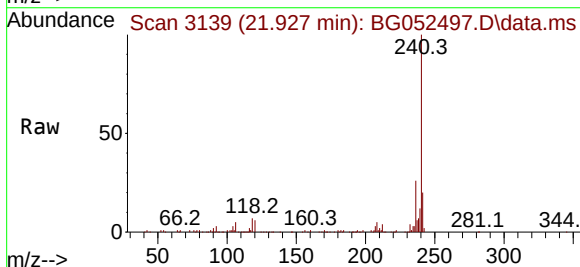
Instrument :
BNA_G
ClientSampleId :
PB142918TB

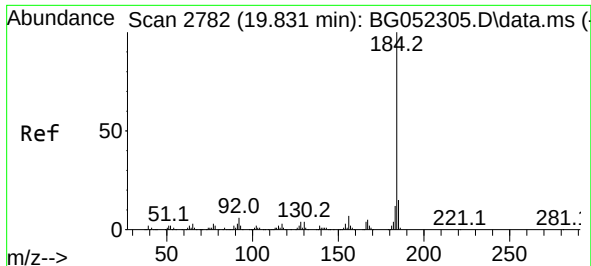
Tgt Ion:248 Resp: 9952
Ion Ratio Lower Upper
248 100
250 189.1 79.6 119.4#
141 466.7 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3139
Delta R.T. -0.013 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

Tgt Ion:240 Resp: 240860
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 26.2 20.8 31.2

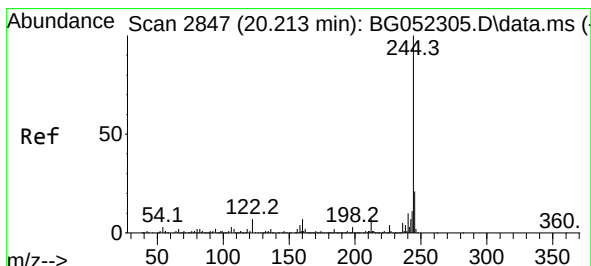
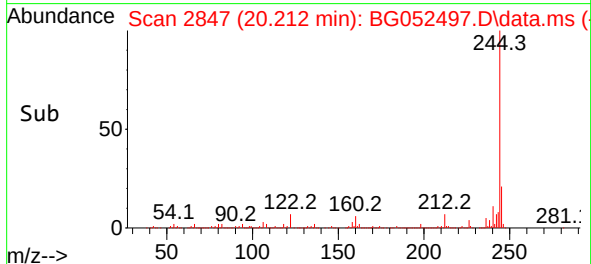
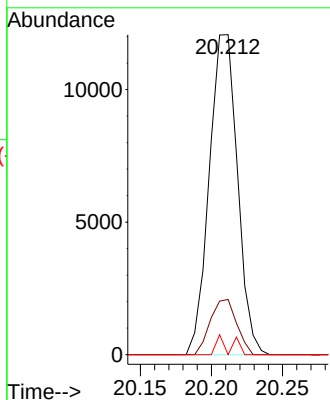
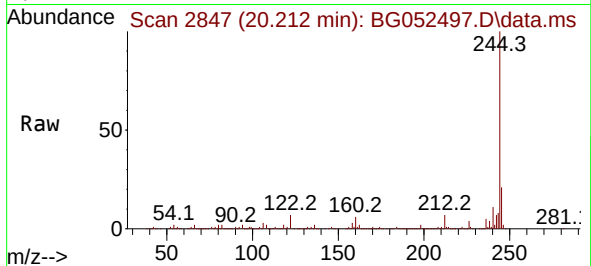




#77
Benzidine
Concen: 3.241 ng
RT: 20.212 min Scan# 2847
Delta R.T. 0.380 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

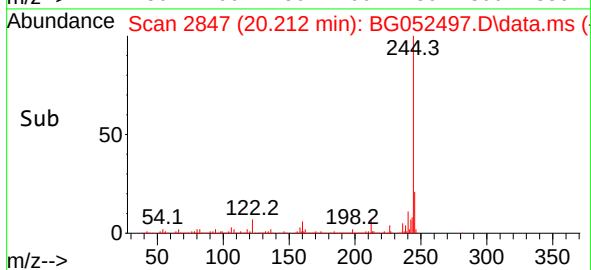
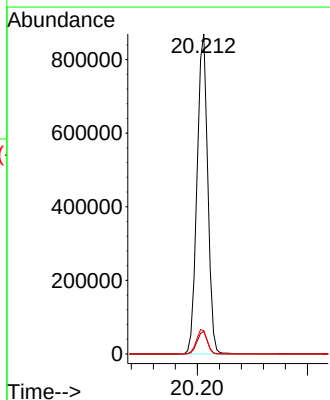
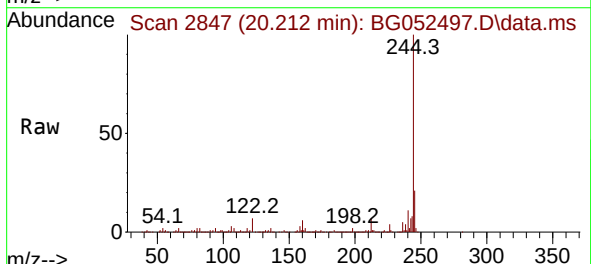
Instrument :
BNA_G
ClientSampleId :
PB142918TB

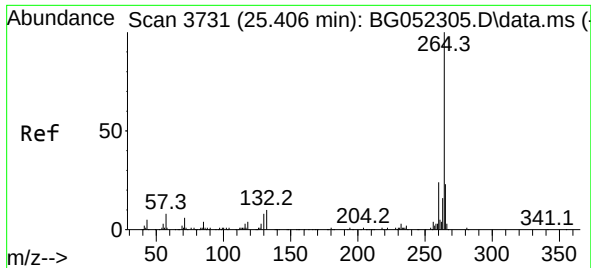
Tgt Ion:184 Resp: 16681
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.8
183 0.0 9.8 14.6#



#79
Terphenyl-d14
Concen: 86.297 ng
RT: 20.212 min Scan# 2847
Delta R.T. -0.001 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

Tgt Ion:244 Resp: 1177078
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 7.3 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.393 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG052497.D
Acq: 28 Feb 2022 12:15

Instrument :
BNA_G
ClientSampleId :
PB142918TB

Tgt Ion:264 Resp: 236096

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	20.1	17.8	26.6

