

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052336.D
 Acq On : 9 Feb 2022 15:48
 Operator : CG/JU
 Sample : N1423-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-21

Quant Time: Feb 10 00:06:31 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)

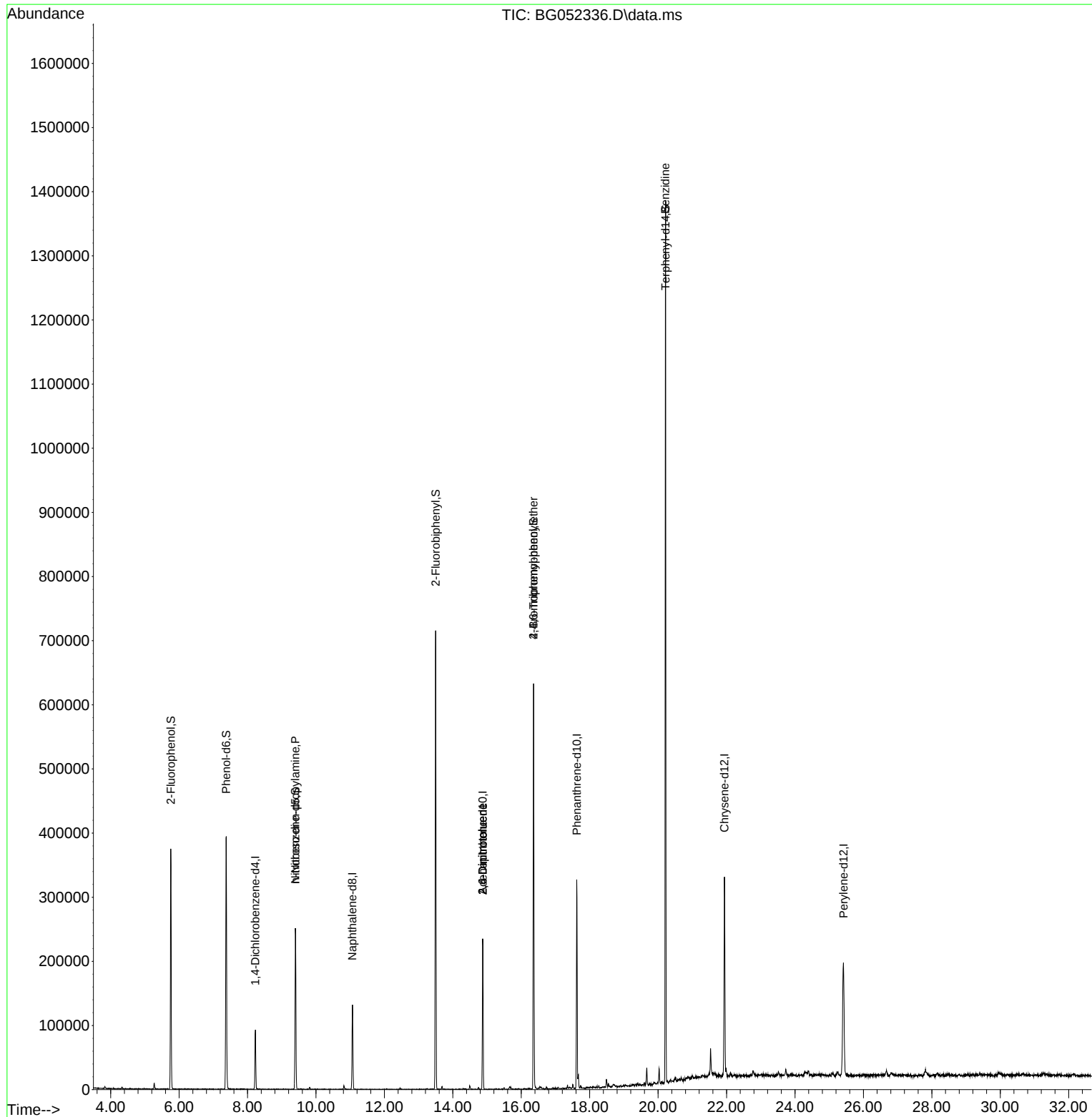
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	26924	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	114602	20.000	ng	# 0.00
39) Acenaphthene-d10	14.873	164	83604	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	208378	20.000	ng	0.00
76) Chrysene-d12	21.940	240	203403	20.000	ng	0.00
86) Perylene-d12	25.417	264	204766	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	159008	102.930	ng	0.00
7) Phenol-d6	7.371	99	227071	95.265	ng	0.00
23) Nitrobenzene-d5	9.398	82	159295	60.410	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	127790	106.394	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	383718	63.776	ng	0.00
79) Terphenyl-d14	20.219	244	693942	60.245	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.377	77	354	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.398	70	21483	11.955	ng	# 72
51) 2,6-Dinitrotoluene	14.873	165	11611	8.401	ng	# 16
57) 2,4-Dinitrotoluene	14.873	165	11611	5.903	ng	# 15
67) 4-Bromophenyl-phenylether	16.359	248	8200	3.236	ng	# 1
77) Benzidine	20.213	184	10391	2.391	ng	# 90

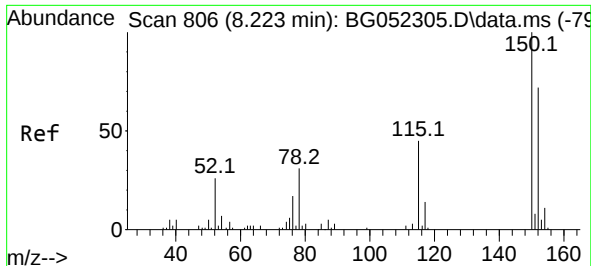
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 10 00:06:31 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

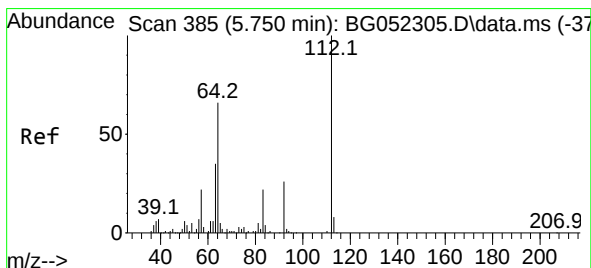
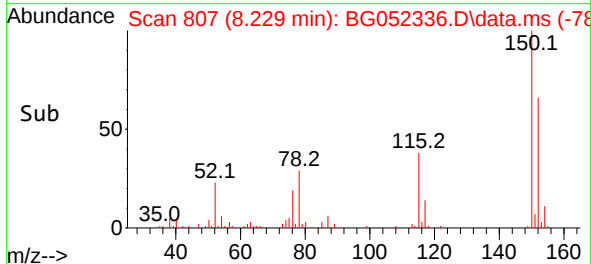
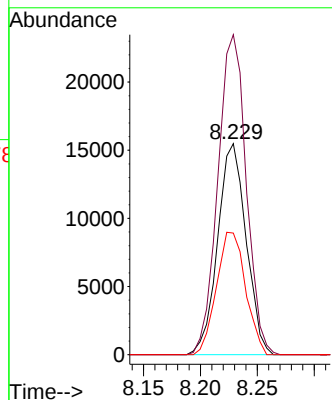
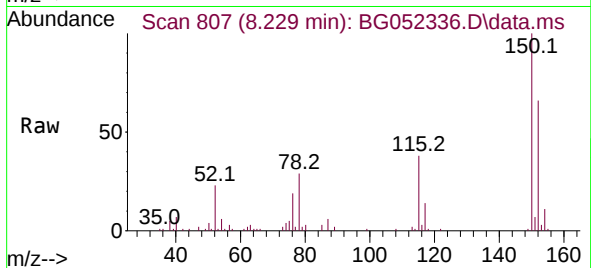




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

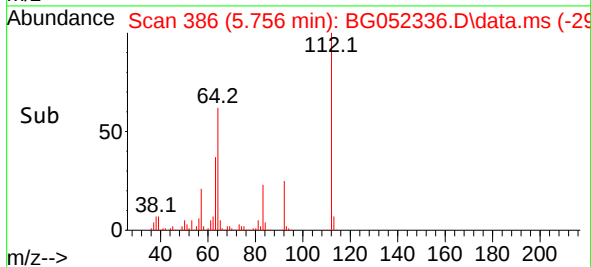
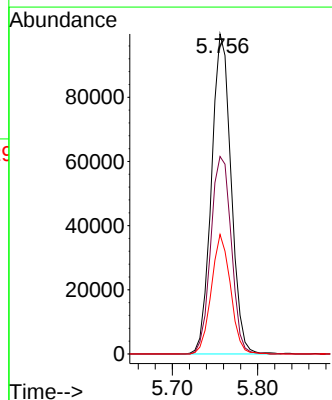
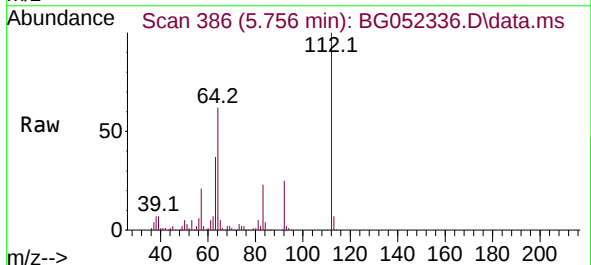
Instrument :
BNA_G
ClientSampleId :
TP-21

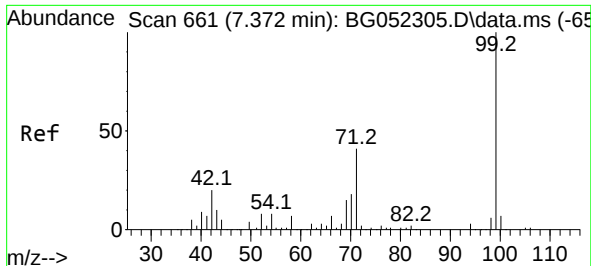
Tgt Ion:152 Resp: 26924
Ion Ratio Lower Upper
152 100
150 151.6 117.8 176.8
115 57.6 50.2 75.2



#5
2-Fluorophenol
Concen: 102.930 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

Tgt Ion:112 Resp: 159008
Ion Ratio Lower Upper
112 100
64 61.7 60.4 90.6
63 37.4 33.3 49.9

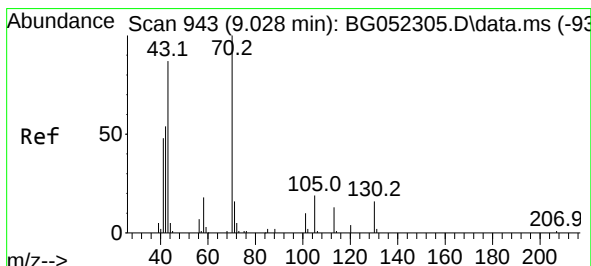
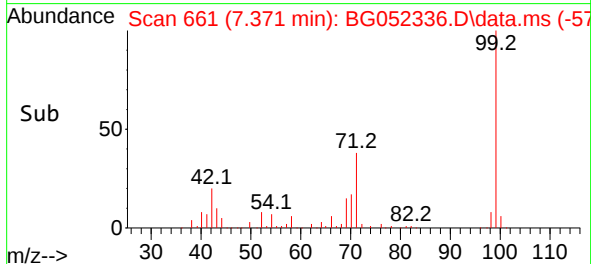
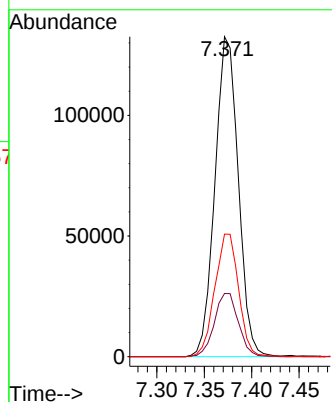
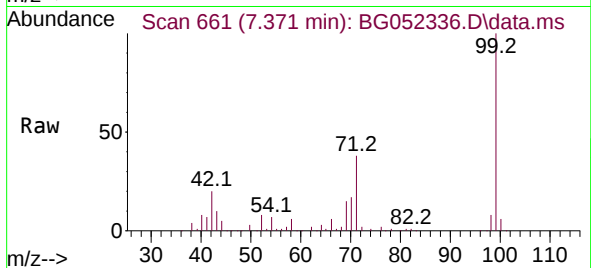




#7
Phenol-d6
Concen: 95.265 ng
RT: 7.371 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

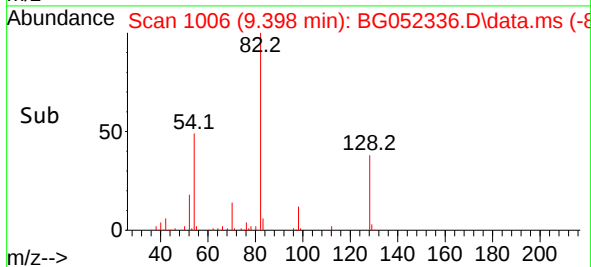
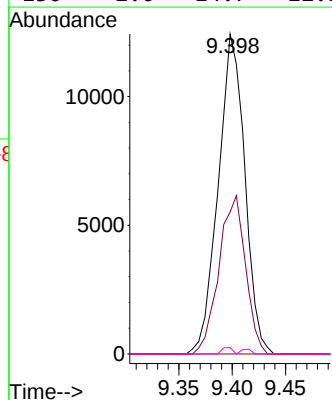
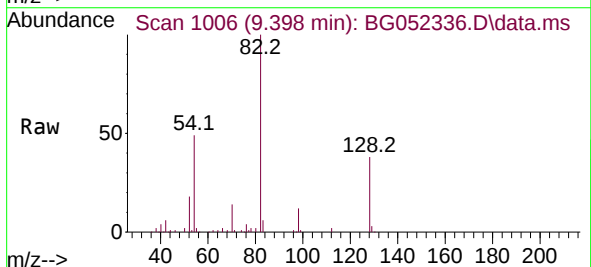
Instrument :
BNA_G
ClientSampleId :
TP-21

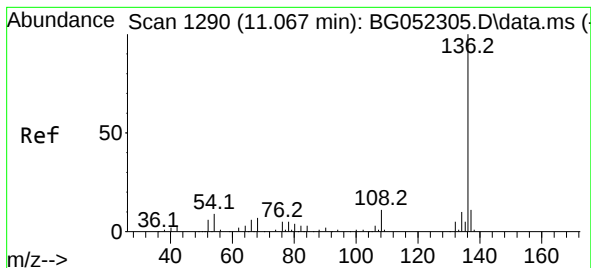
Tgt Ion: 99 Resp: 227071
Ion Ratio Lower Upper
99 100
42 19.8 19.1 28.7
71 38.3 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.955 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.370 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

Tgt Ion: 70 Resp: 21483
Ion Ratio Lower Upper
70 100
42 44.3 51.8 77.6#
101 0.0 6.6 10.0#
130 2.0 14.7 22.1#

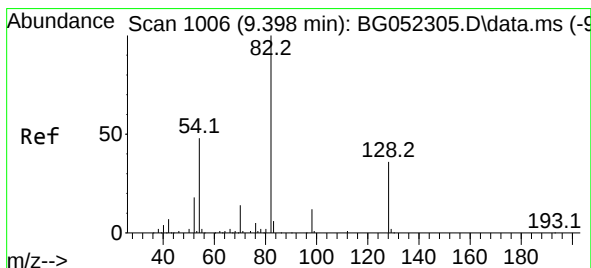
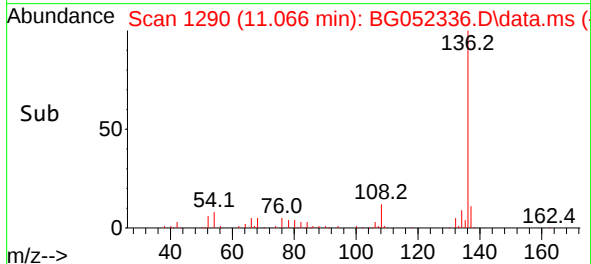
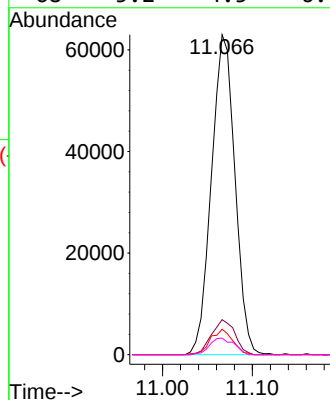
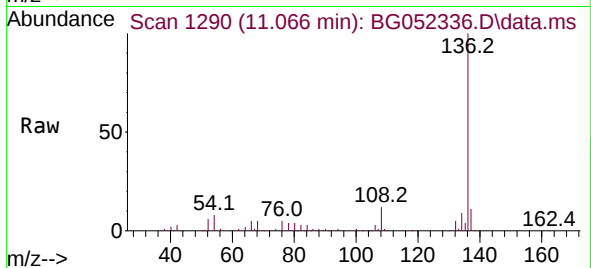




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

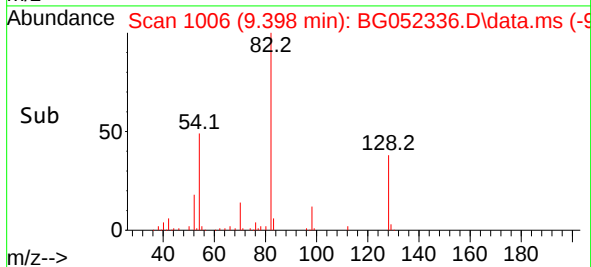
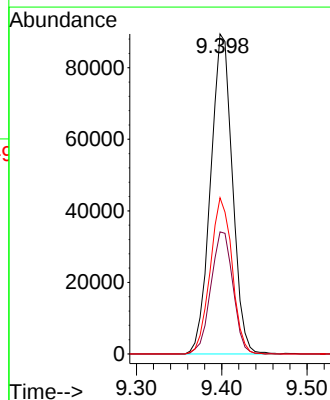
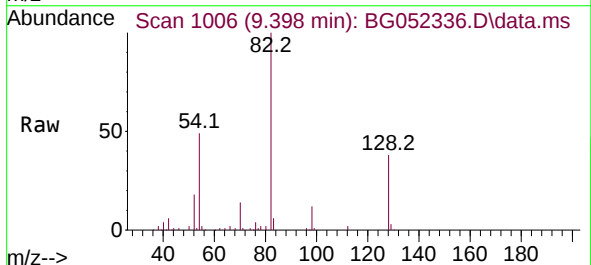
Instrument :
BNA_G
ClientSampleId :
TP-21

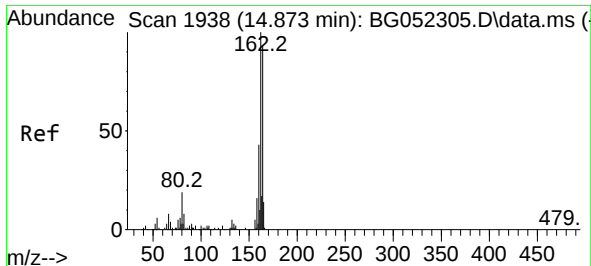
Tgt Ion:136 Resp: 114602
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.9 8.3 12.5#
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 60.410 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

Tgt Ion: 82 Resp: 159295
Ion Ratio Lower Upper
82 100
128 38.2 27.0 40.4
54 48.8 41.0 61.6

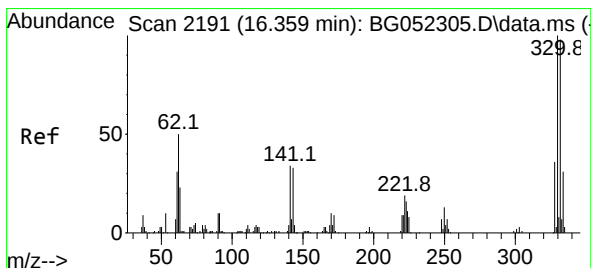
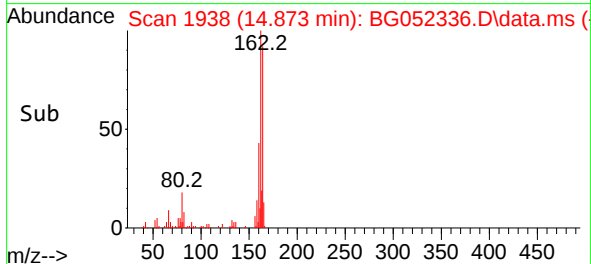
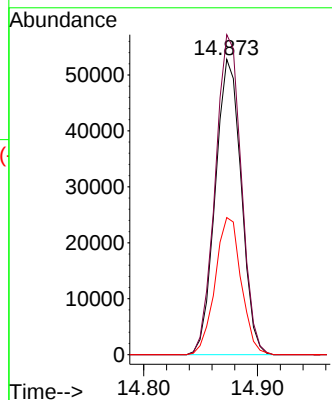
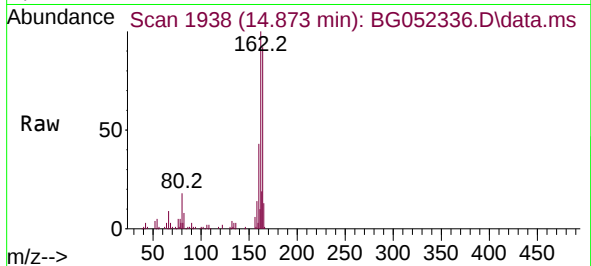




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

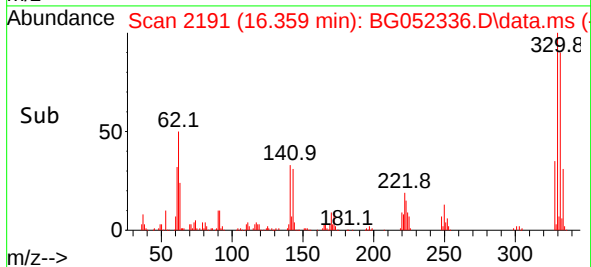
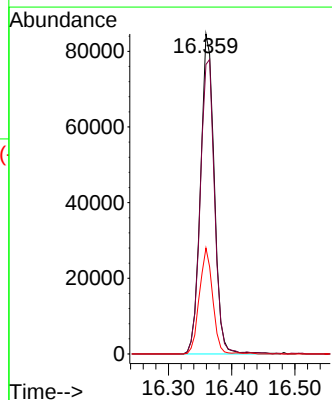
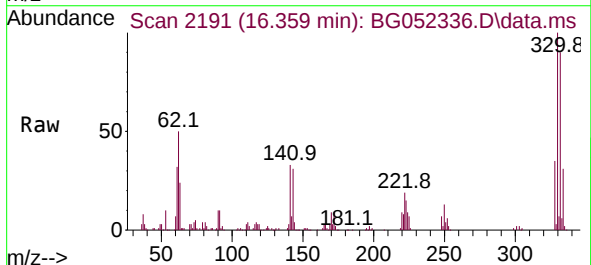
Instrument :
BNA_G
ClientSampleId :
TP-21

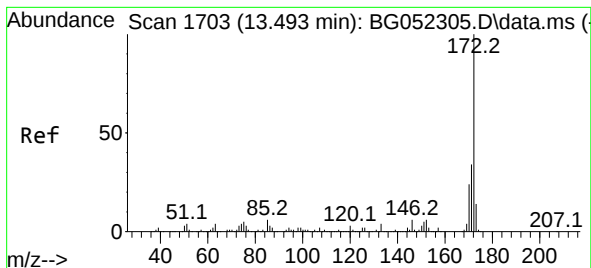
Tgt Ion:164 Resp: 83604
Ion Ratio Lower Upper
164 100
162 108.4 82.2 123.2
160 46.4 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 106.394 ng
RT: 16.359 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

Tgt Ion:330 Resp: 127790
Ion Ratio Lower Upper
330 100
332 95.0 78.6 117.8
141 31.6 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 63.776 ng

RT: 13.498 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG052336.D

Acq: 9 Feb 2022 15:48

Instrument :

BNA_G

ClientSampleId :

TP-21

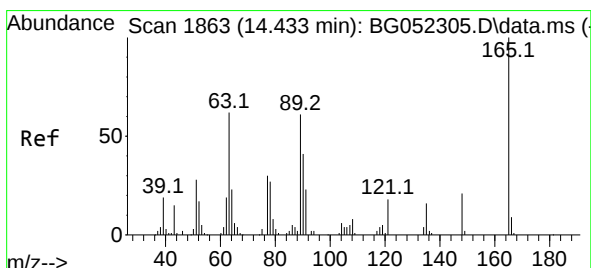
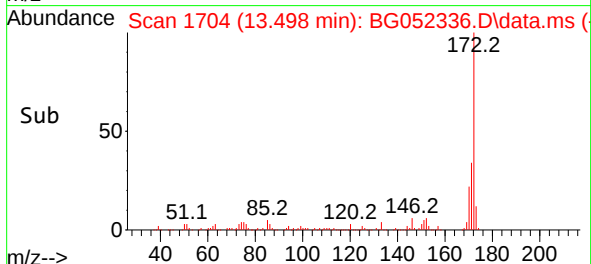
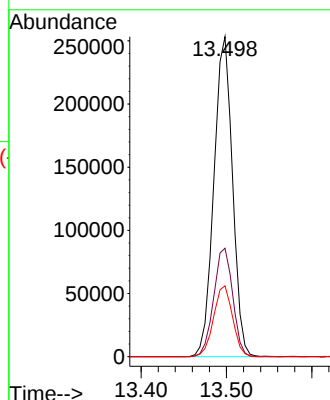
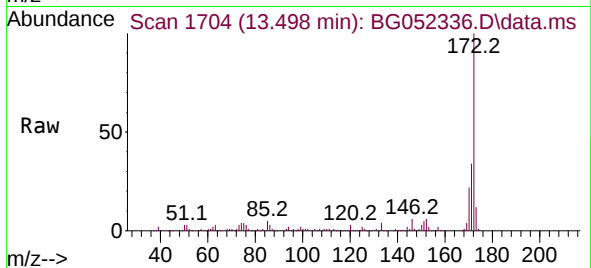
Tgt Ion:172 Resp: 383718

Ion Ratio Lower Upper

172 100

171 33.9 28.3 42.5

170 22.1 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 8.401 ng

RT: 14.873 min Scan# 1938

Delta R.T. 0.440 min

Lab File: BG052336.D

Acq: 9 Feb 2022 15:48

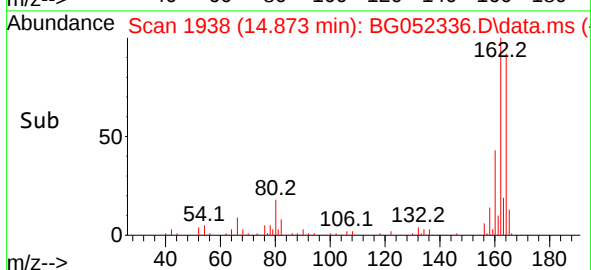
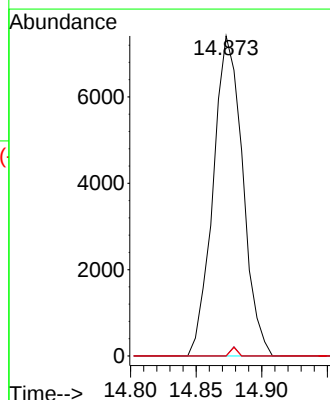
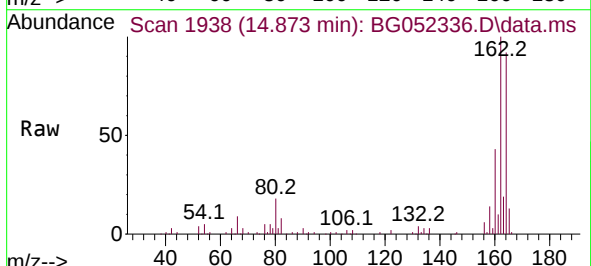
Tgt Ion:165 Resp: 11611

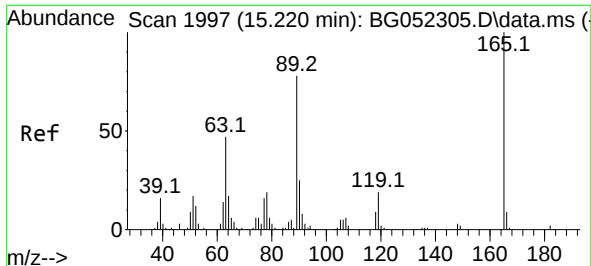
Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 0.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.903 ng

RT: 14.873 min Scan# 1997

Delta R.T. -0.347 min

Lab File: BG052336.D

Acq: 9 Feb 2022 15:48

Instrument :

BNA_G

ClientSampleId :

TP-21

Tgt Ion:165 Resp: 11611

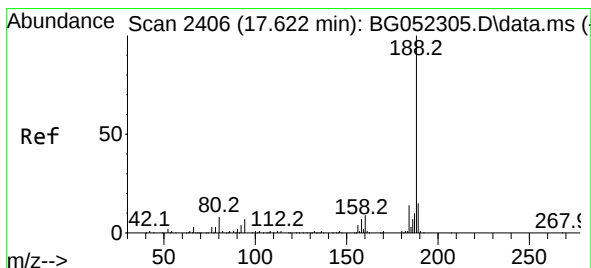
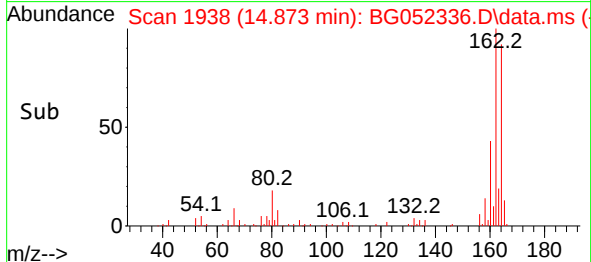
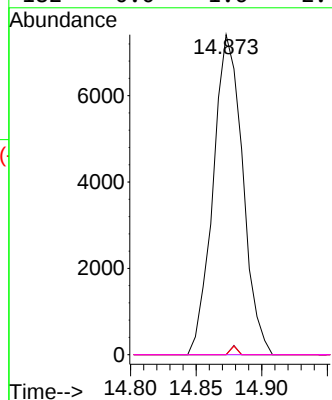
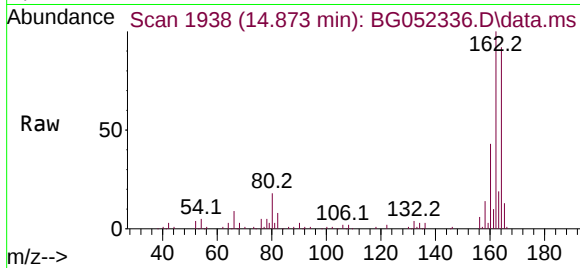
Ion Ratio Lower Upper

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: 17.622 min Scan# 2406

Delta R.T. -0.000 min

Lab File: BG052336.D

Acq: 9 Feb 2022 15:48

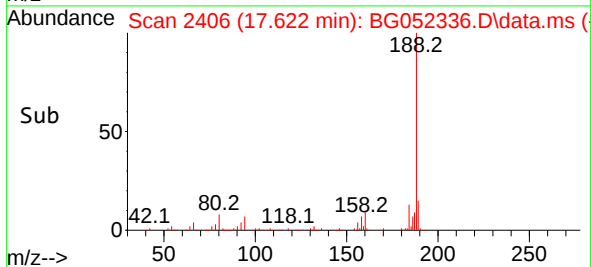
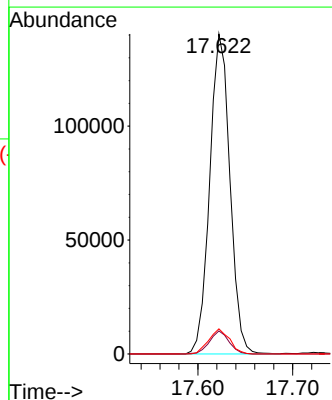
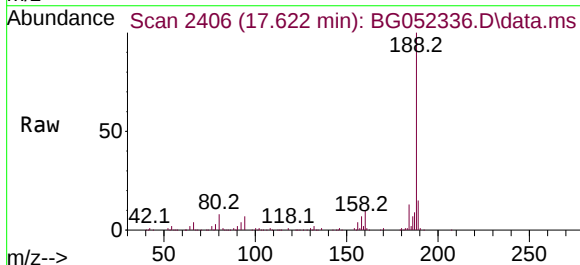
Tgt Ion:188 Resp: 208378

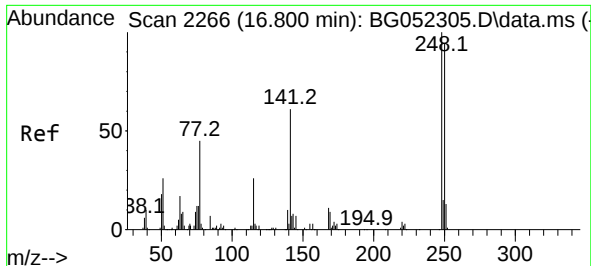
Ion Ratio Lower Upper

188 100

94 7.2 5.9 8.9

80 7.8 6.6 10.0

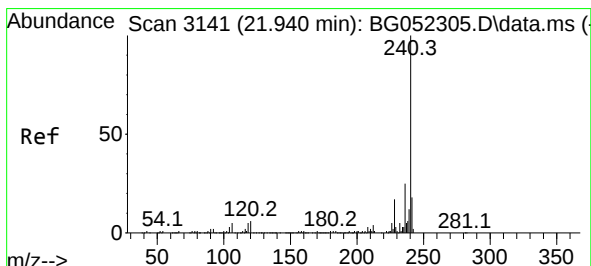
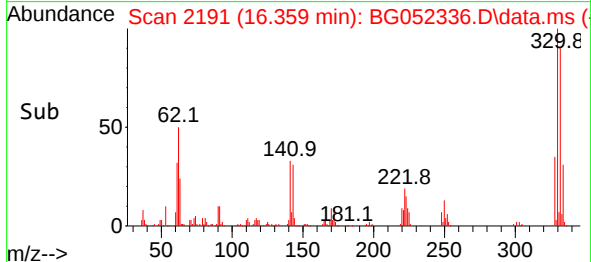
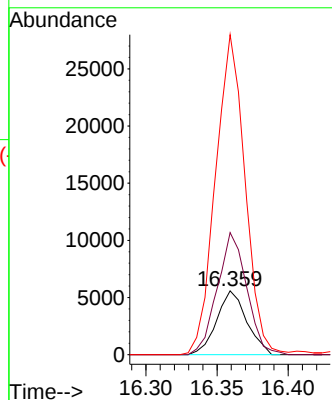
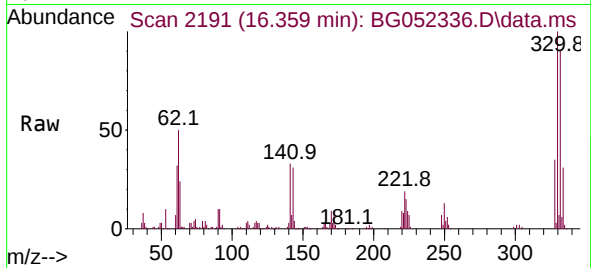




#67
4-Bromophenyl-phenylether
Concen: 3.236 ng
RT: 16.359 min Scan# 2191
Delta R.T. -0.441 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

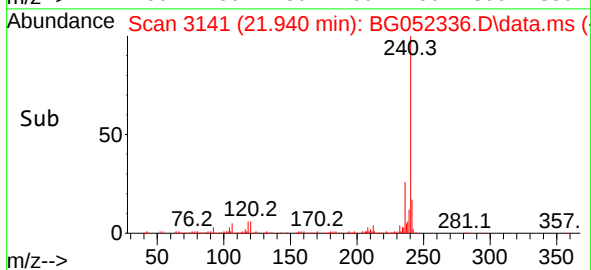
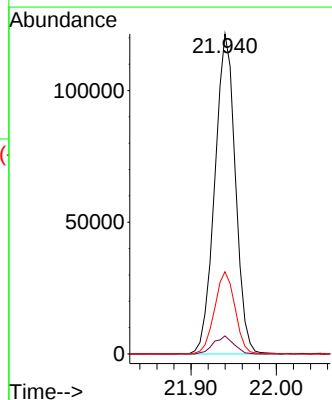
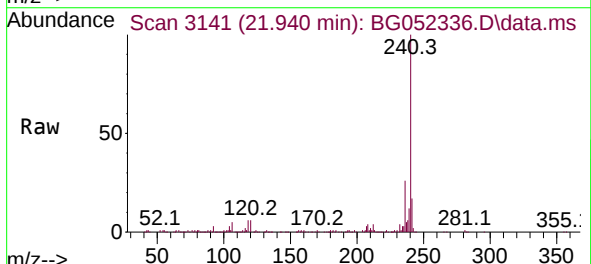
Instrument :
BNA_G
ClientSampleId :
TP-21

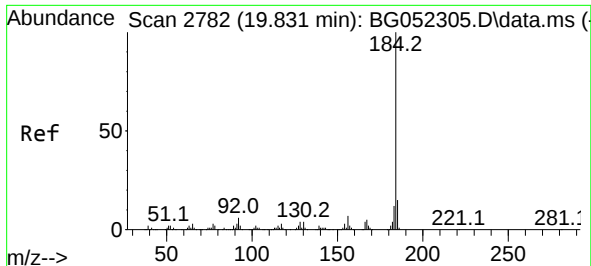
Tgt Ion:248 Resp: 8200
Ion Ratio Lower Upper
248 100
250 191.1 79.6 119.4#
141 500.9 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.940 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

Tgt Ion:240 Resp: 203403
Ion Ratio Lower Upper
240 100
120 5.7 4.4 6.6
236 25.7 20.8 31.2

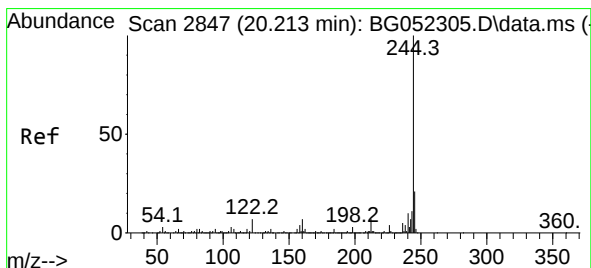
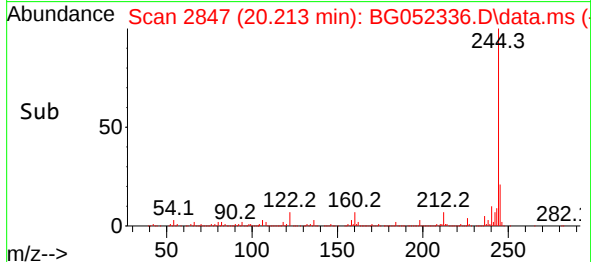
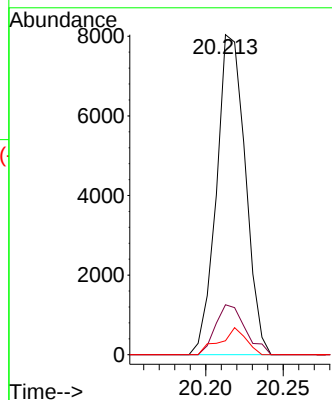
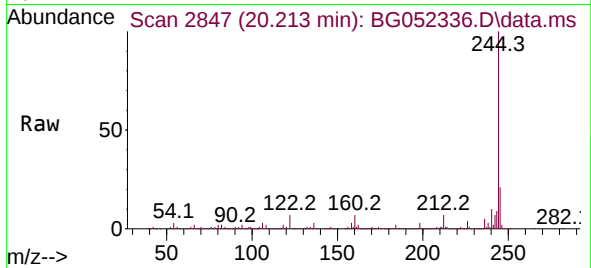




#77
Benzidine
Concen: 2.391 ng
RT: 20.213 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

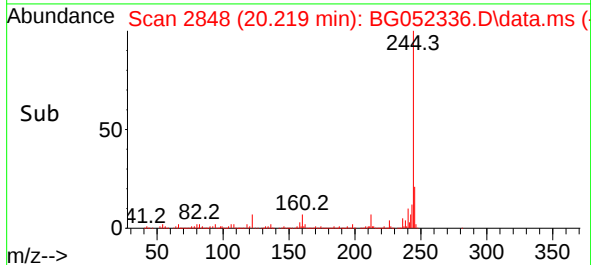
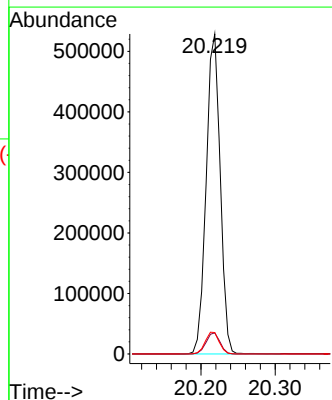
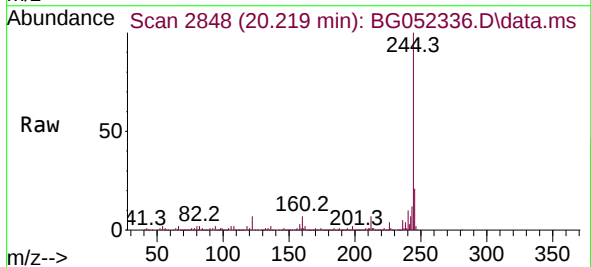
Instrument :
BNA_G
ClientSampleId :
TP-21

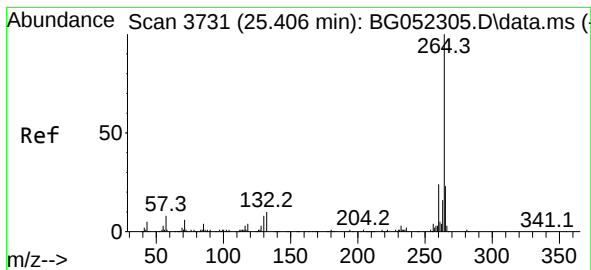
Tgt Ion:184 Resp: 10391
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.8
183 4.4 9.8 14.6#



#79
Terphenyl-d14
Concen: 60.245 ng
RT: 20.219 min Scan# 2848
Delta R.T. 0.006 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

Tgt Ion:244 Resp: 693942
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 6.7 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.417 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG052336.D
Acq: 9 Feb 2022 15:48

Instrument :
BNA_G
ClientSampleId :
TP-21

Tgt Ion:264 Resp: 204766

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	20.4	17.8	26.6

