

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053334.D
 Acq On : 27 Apr 2022 00:03
 Operator : CG/JU
 Sample : N2548-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Quant Time: Apr 27 03:39:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

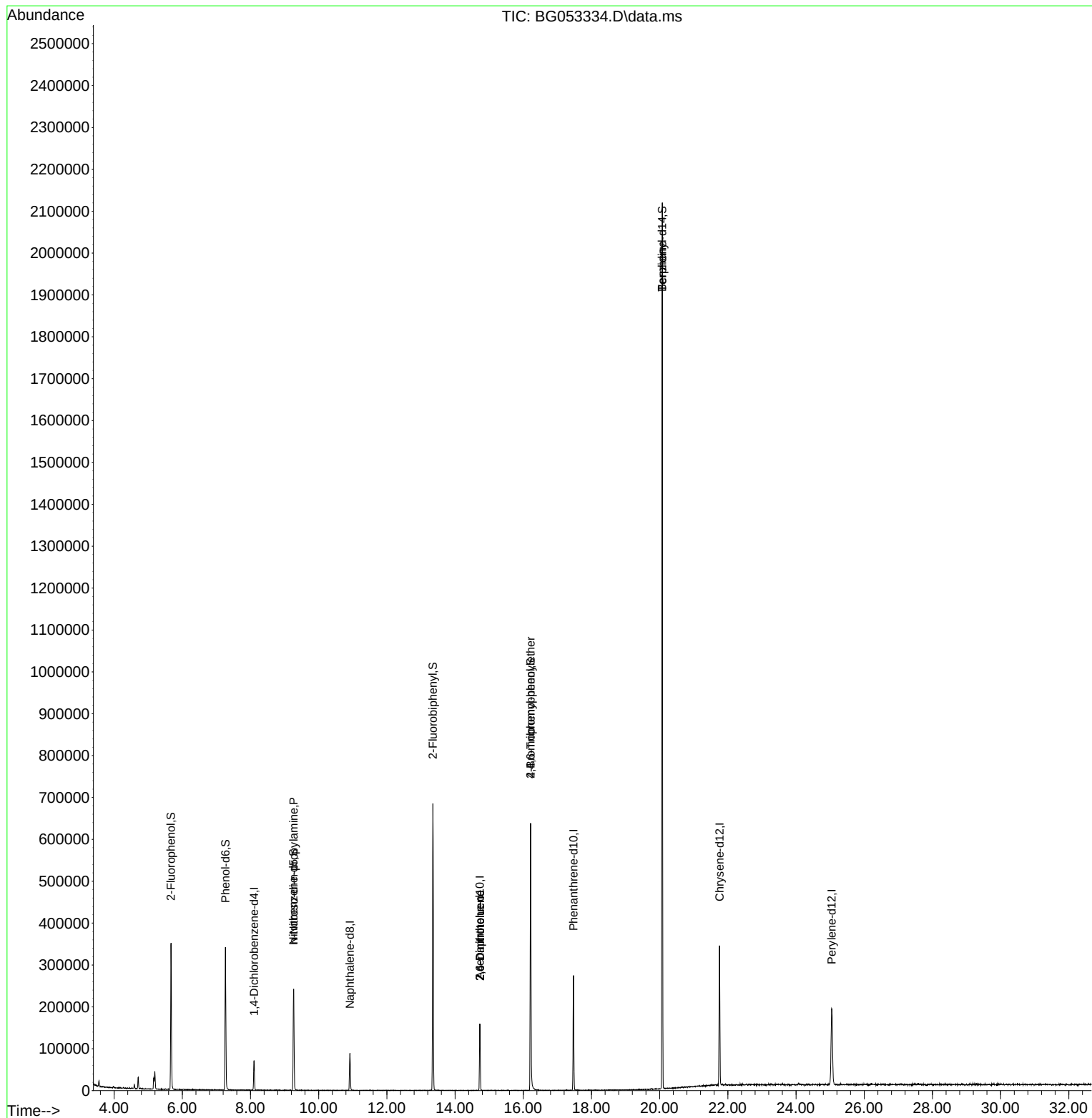
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	20057	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	77144	20.000	ng	# 0.00
39) Acenaphthene-d10	14.726	164	60896	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	180202	20.000	ng	0.00
76) Chrysene-d12	21.757	240	218533	20.000	ng	0.00
86) Perylene-d12	25.047	264	219826	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	145539	124.386	ng	0.00
7) Phenol-d6	7.265	99	192546	106.712	ng	0.00
23) Nitrobenzene-d5	9.263	82	162133	85.336	ng	-0.01
42) 2,4,6-Tribromophenol	16.218	330	142423	147.005	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	362893	82.172	ng	0.00
79) Terphenyl-d14	20.077	244	1072797	82.910	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.268	70	22841	17.291	ng	# 78
51) 2,6-Dinitrotoluene	14.732	165	8221	8.091	ng	# 24
57) 2,4-Dinitrotoluene	14.732	165	8221	5.683	ng	# 22
67) 4-Bromophenyl-phenylether	16.218	248	8874	3.843	ng	# 1
77) Benzidine	20.077	184	18168	2.914	ng	# 91

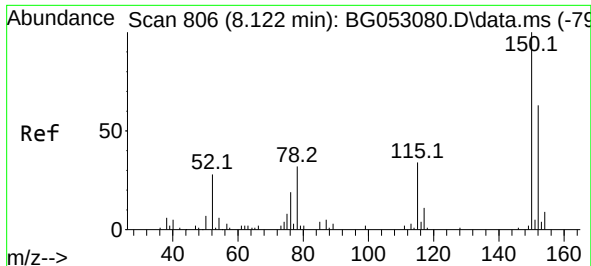
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 27 03:39:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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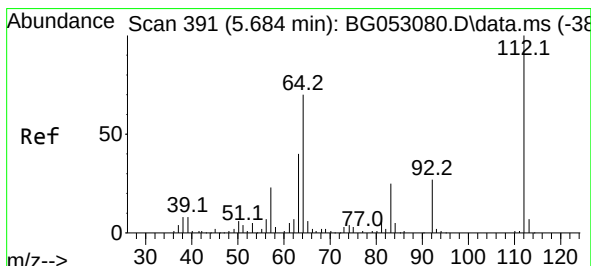
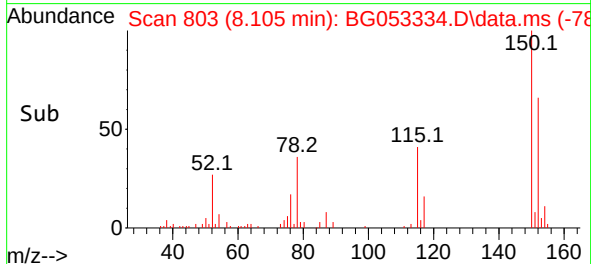
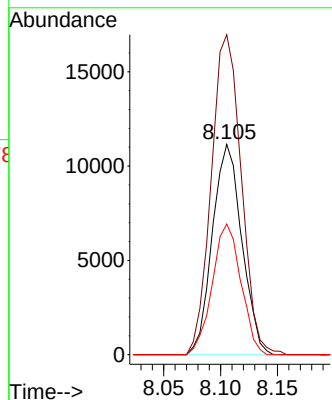
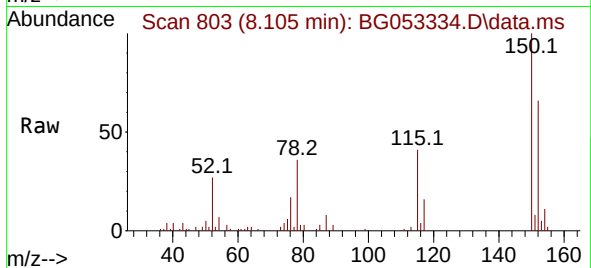




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

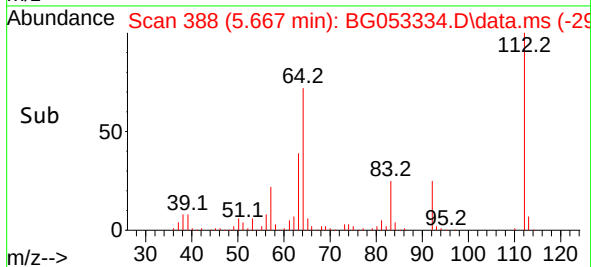
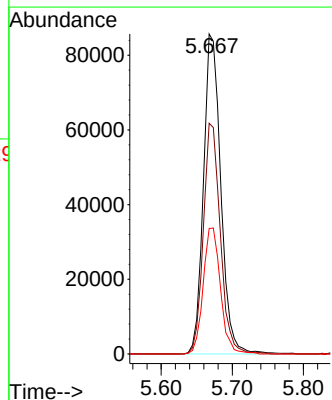
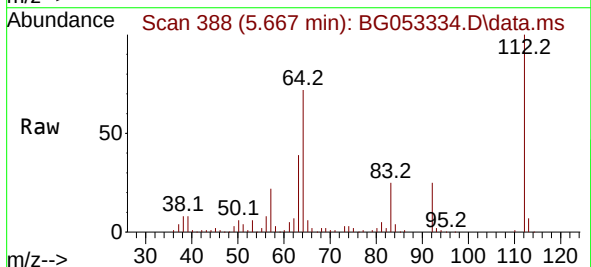
Instrument :
BNA_G
ClientSampleId :
TP-11

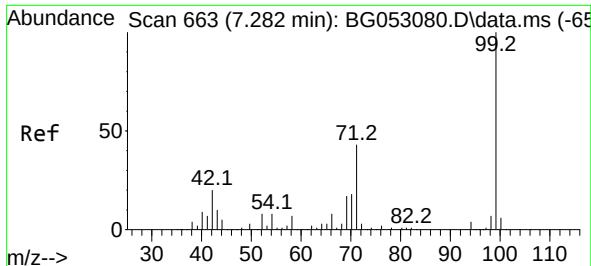
Tgt Ion:152 Resp: 20057
Ion Ratio Lower Upper
152 100
150 152.2 114.6 172.0
115 62.2 45.9 68.9



#5
2-Fluorophenol
Concen: 124.386 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.008 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

Tgt Ion:112 Resp: 145539
Ion Ratio Lower Upper
112 100
64 72.1 48.0 72.0#
63 39.2 26.5 39.7

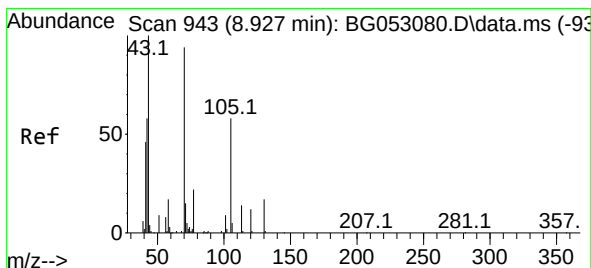
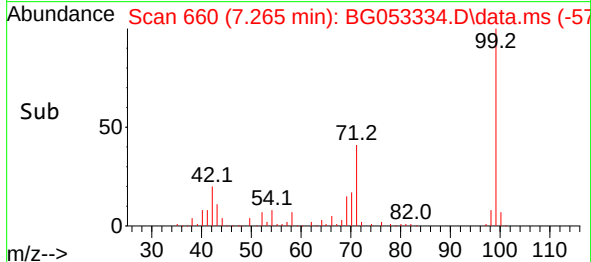
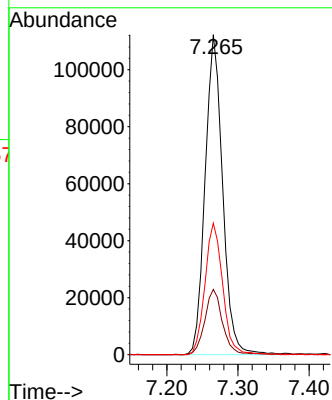
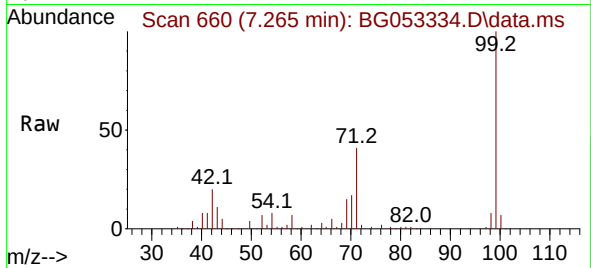




#7
Phenol-d6
Concen: 106.712 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

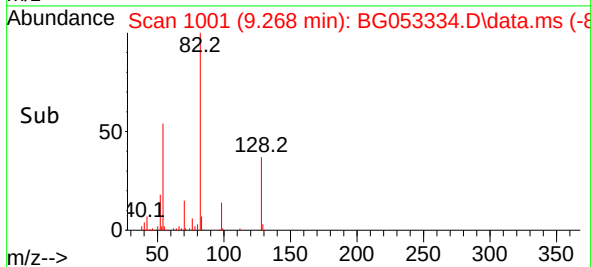
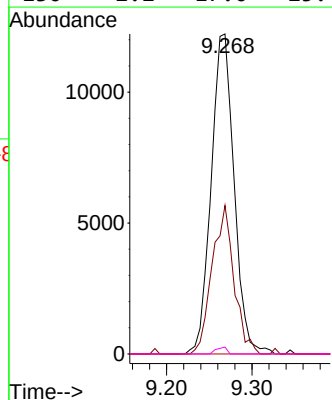
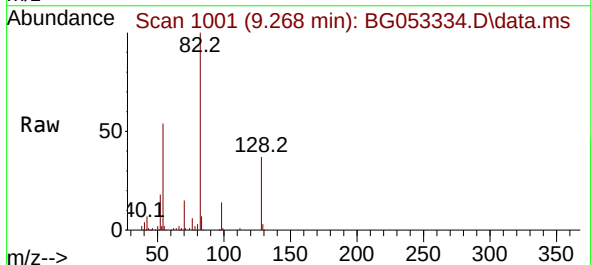
Instrument :
BNA_G
ClientSampleId :
TP-11

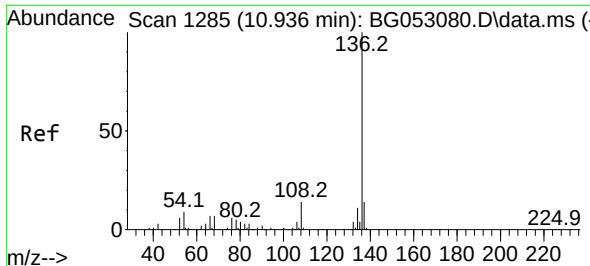
Tgt Ion: 99 Resp: 192546
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 41.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.291 ng
RT: 9.268 min Scan# 1001
Delta R.T. 0.356 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

Tgt Ion: 70 Resp: 22841
Ion Ratio Lower Upper
70 100
42 46.4 46.0 69.0
101 0.0 6.2 9.4#
130 2.2 17.0 25.4#

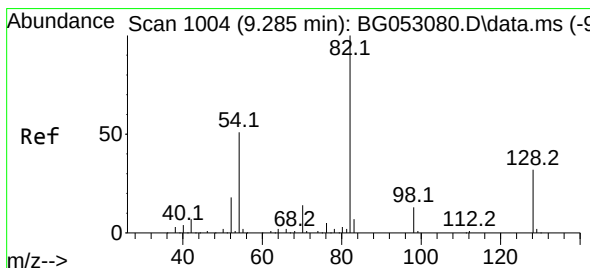
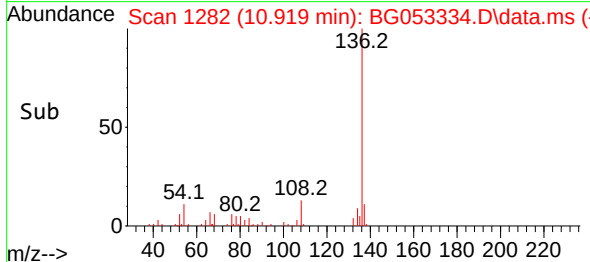
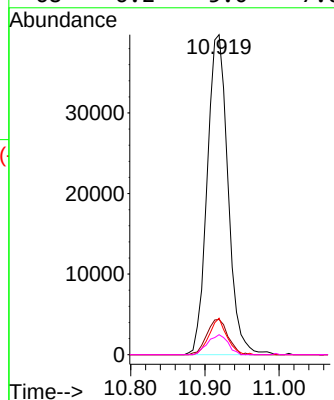
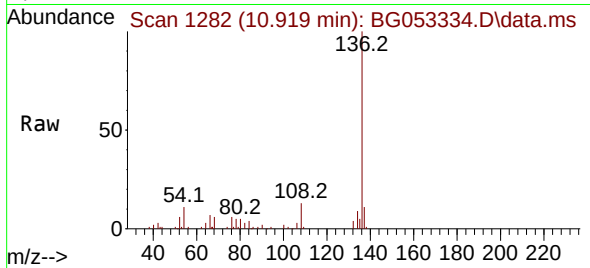




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

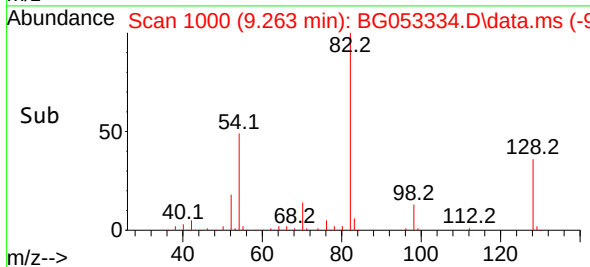
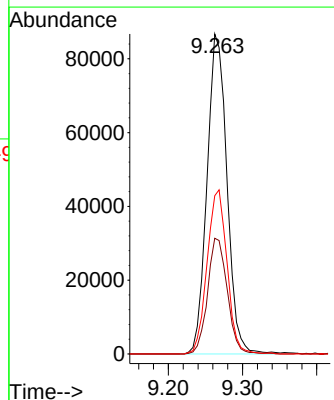
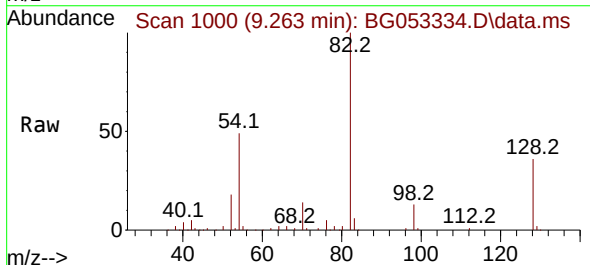
Instrument :
BNA_G
ClientSampleId :
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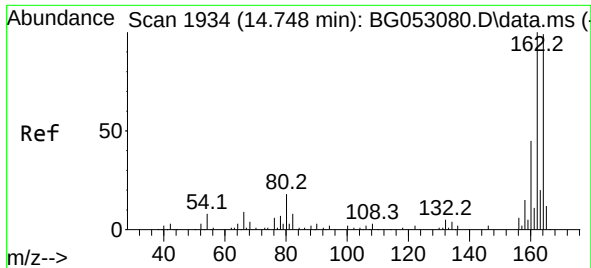
Tgt Ion:136	Resp:	77144
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.4 14.2
54	11.4	6.4 9.6#
68	6.2	5.0 7.6



#23
Nitrobenzene-d5
Concen: 85.336 ng
RT: 9.263 min Scan# 1000
Delta R.T. -0.014 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

Tgt Ion: 82	Resp:	162133
Ion Ratio	Lower	Upper
82	100	
128	36.1	31.3 46.9
54	49.5	37.8 56.8

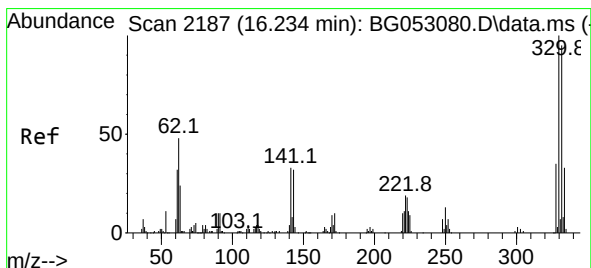
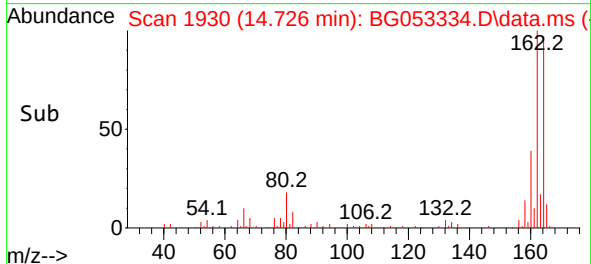
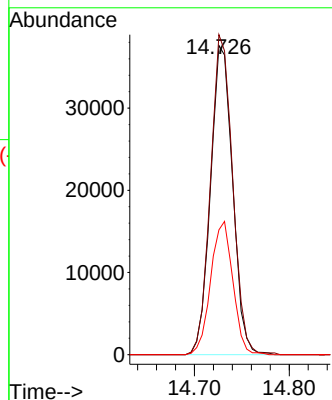
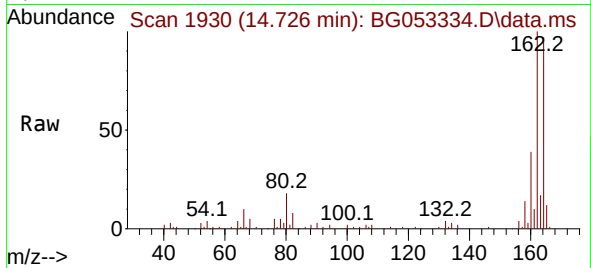




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

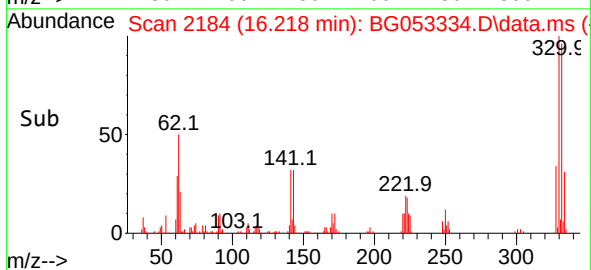
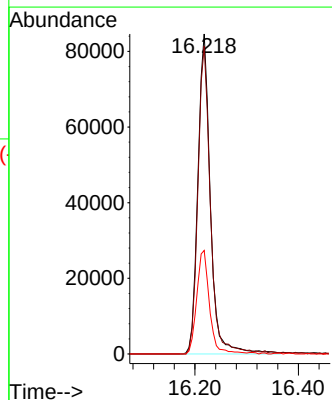
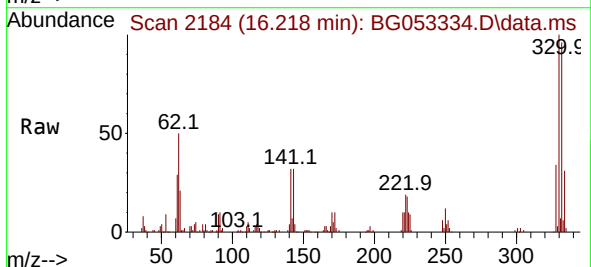
Instrument :
BNA_G
ClientSampleId :
TP-11

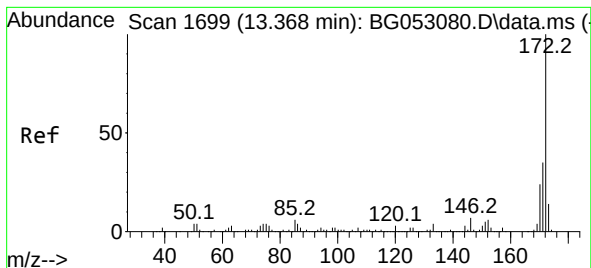
Tgt Ion:164 Resp: 60896
Ion Ratio Lower Upper
164 100
162 103.5 80.0 120.0
160 40.4 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 147.005 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

Tgt Ion:330 Resp: 142423
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.6
141 32.8 24.6 36.8

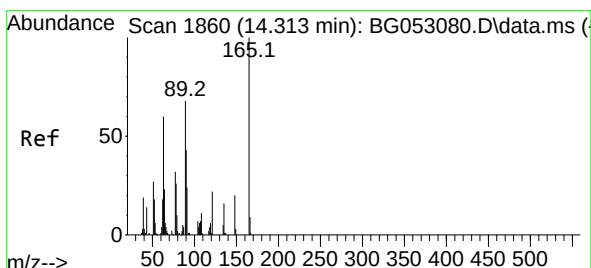
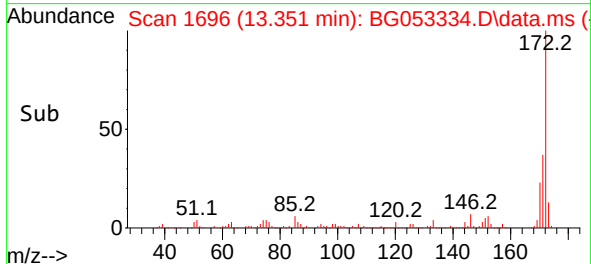
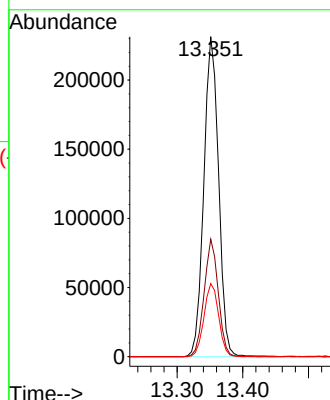
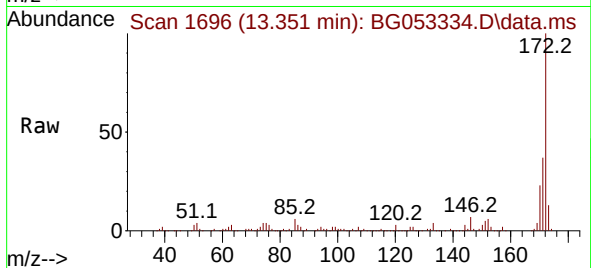




#45
2-Fluorobiphenyl
Concen: 82.172 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

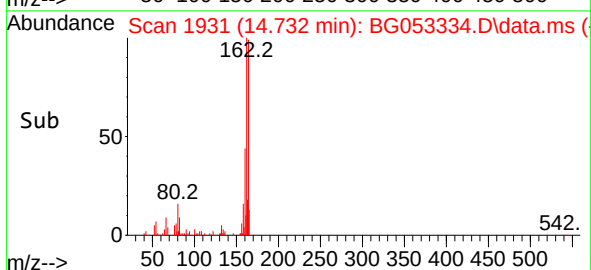
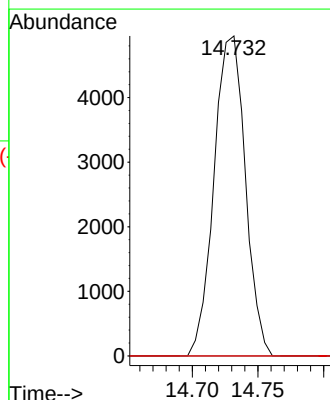
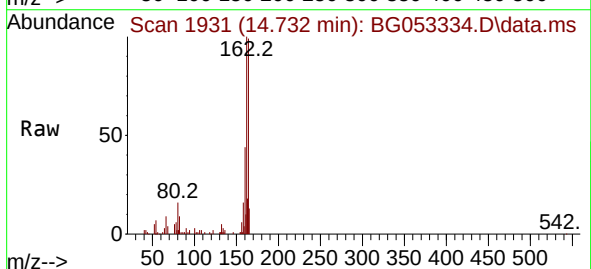
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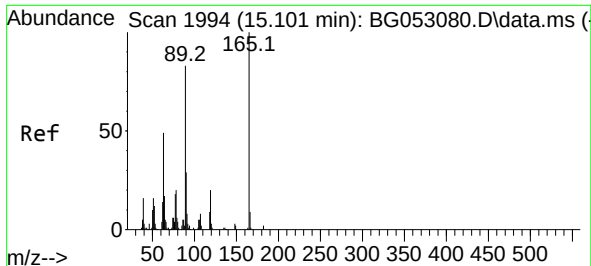
Tgt Ion:172 Resp: 362893
Ion Ratio Lower Upper
172 100
171 36.7 28.3 42.5
170 22.9 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.091 ng
RT: 14.732 min Scan# 1931
Delta R.T. 0.427 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

Tgt Ion:165 Resp: 8221
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

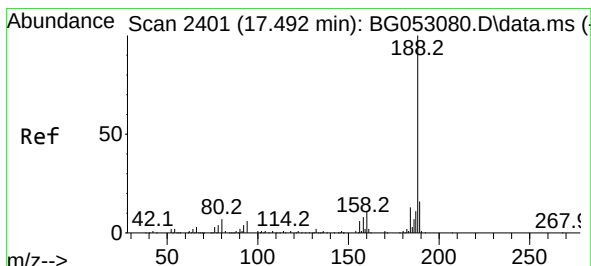
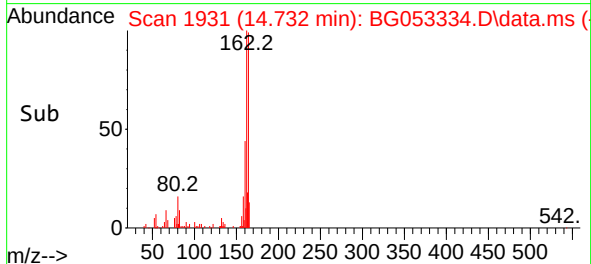
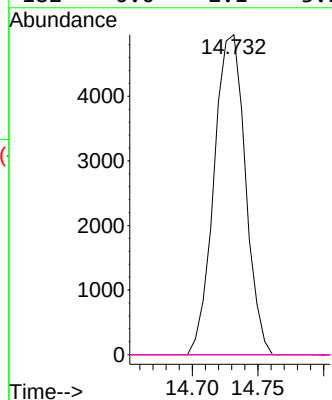
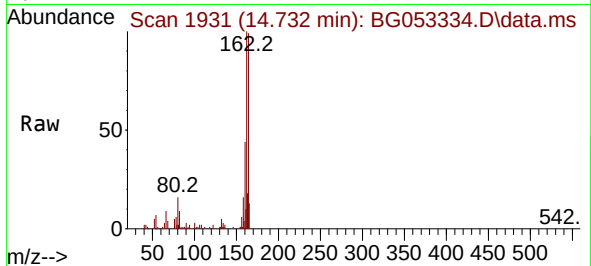




#57
2,4-Dinitrotoluene
Concen: 5.683 ng
RT: 14.732 min Scan# 1994
Delta R.T. -0.361 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

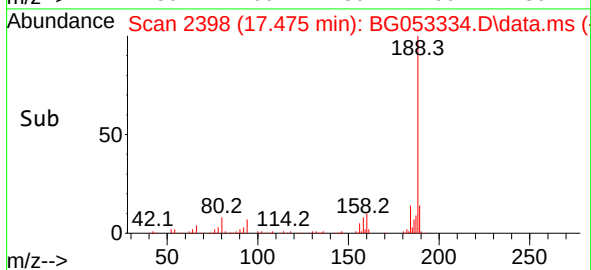
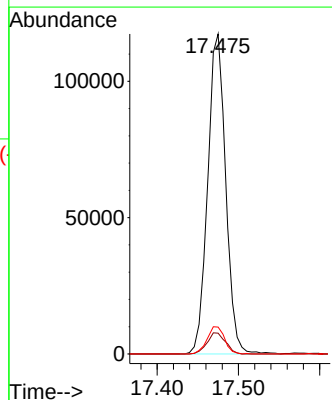
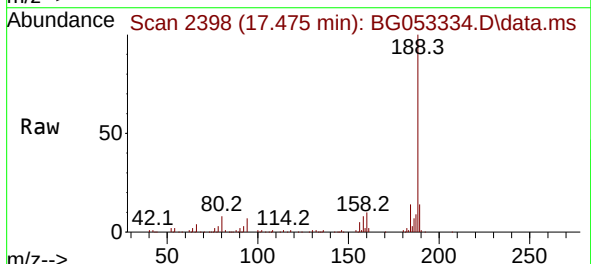
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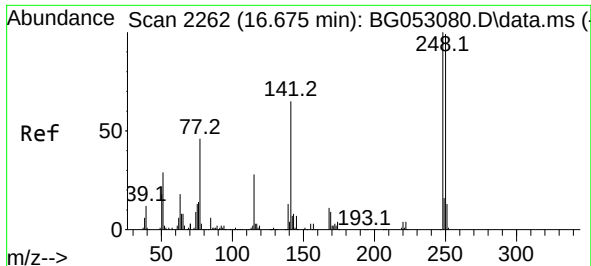
Tgt Ion:165 Resp: 8221
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 2398
Delta R.T. -0.008 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

Tgt Ion:188 Resp: 180202
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.4 7.2 10.8

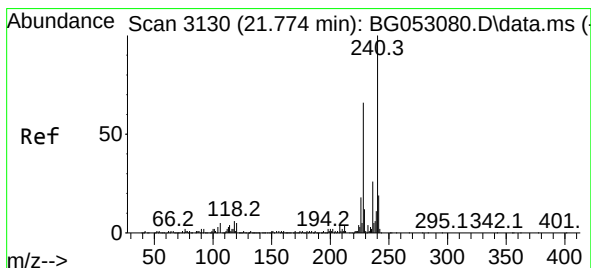
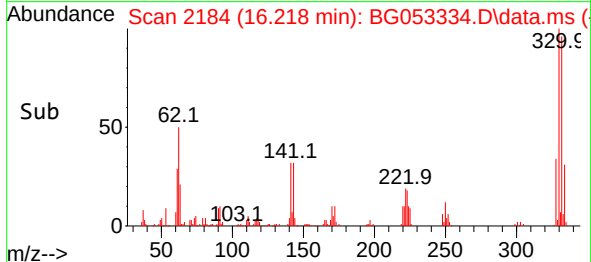
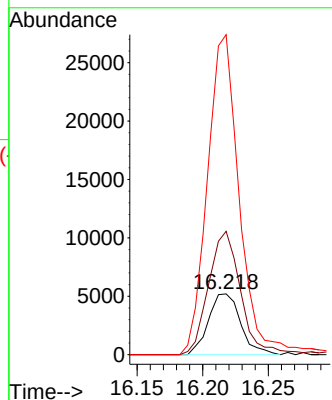
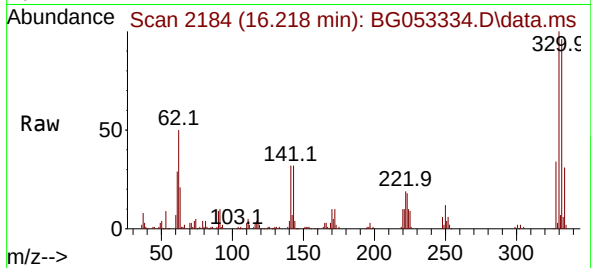




#67
4-Bromophenyl-phenylether
Concen: 3.843 ng
RT: 16.218 min Scan# 2118
Delta R.T. -0.443 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

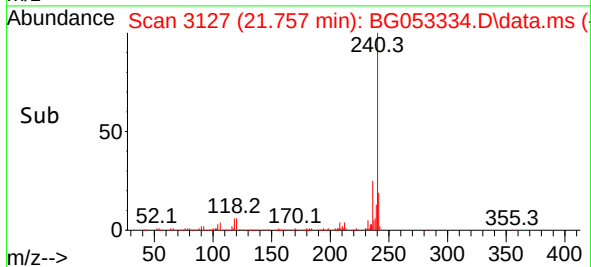
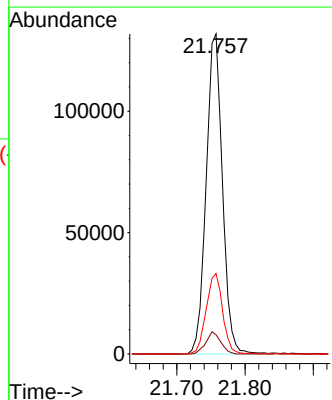
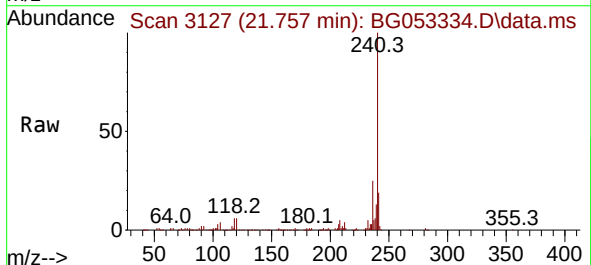
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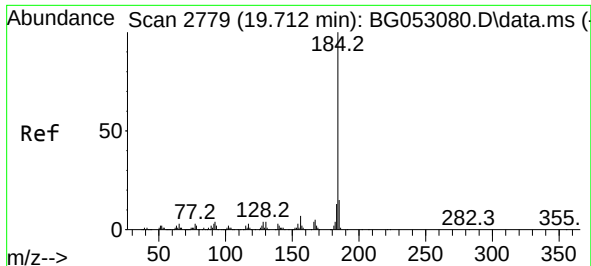
Tgt Ion:248 Resp: 8874
Ion Ratio Lower Upper
248 100
250 202.5 77.9 116.9#
141 525.7 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

Tgt Ion:240 Resp: 218533
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 25.2 19.8 29.6

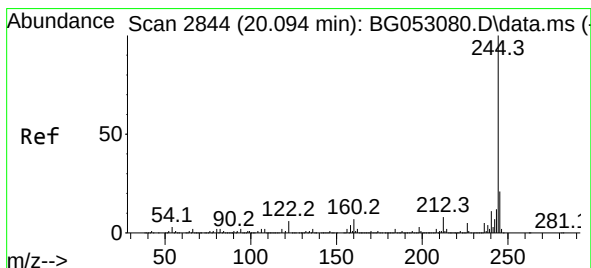
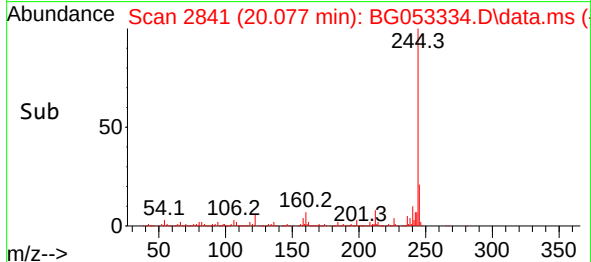
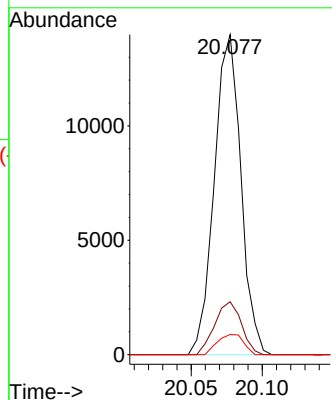
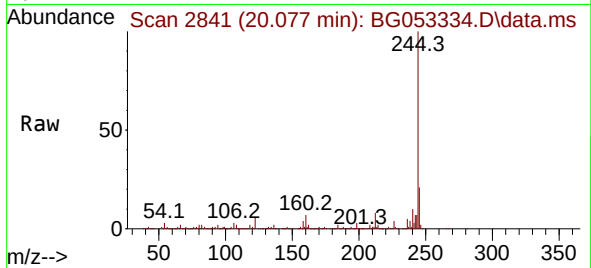




#77
Benzidine
Concen: 2.914 ng
RT: 20.077 min Scan# 2841
Delta R.T. 0.374 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

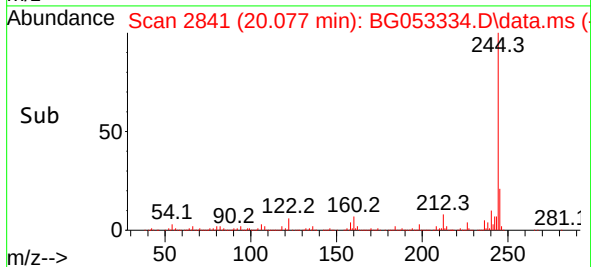
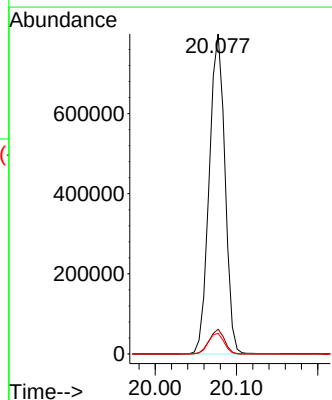
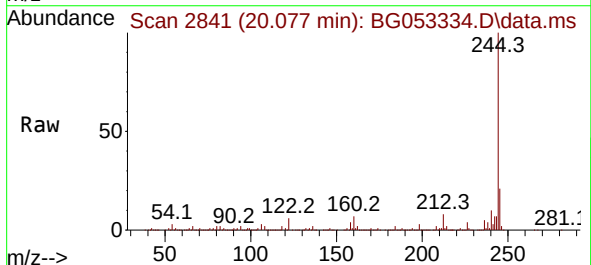
Instrument :
BNA_G
ClientSampleId :
TP-11

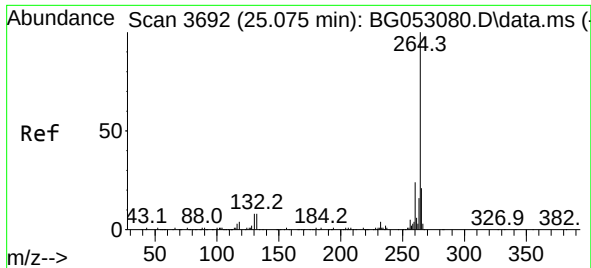
Tgt Ion:184 Resp: 18168
Ion Ratio Lower Upper
184 100
185 16.6 11.5 17.3
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 82.910 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.008 min
Lab File: BG053334.D
Acq: 27 Apr 2022 00:03

Tgt Ion:244 Resp: 1072797
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.047 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BG053334.D
 Acq: 27 Apr 2022 00:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Tgt Ion:264 Resp: 219826
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.2
 265 20.1 15.1 22.7

