

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053401.D
 Acq On : 2 May 2022 16:20
 Operator : CG/JU
 Sample : N2637-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DS-7

Quant Time: May 03 06:42:57 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)

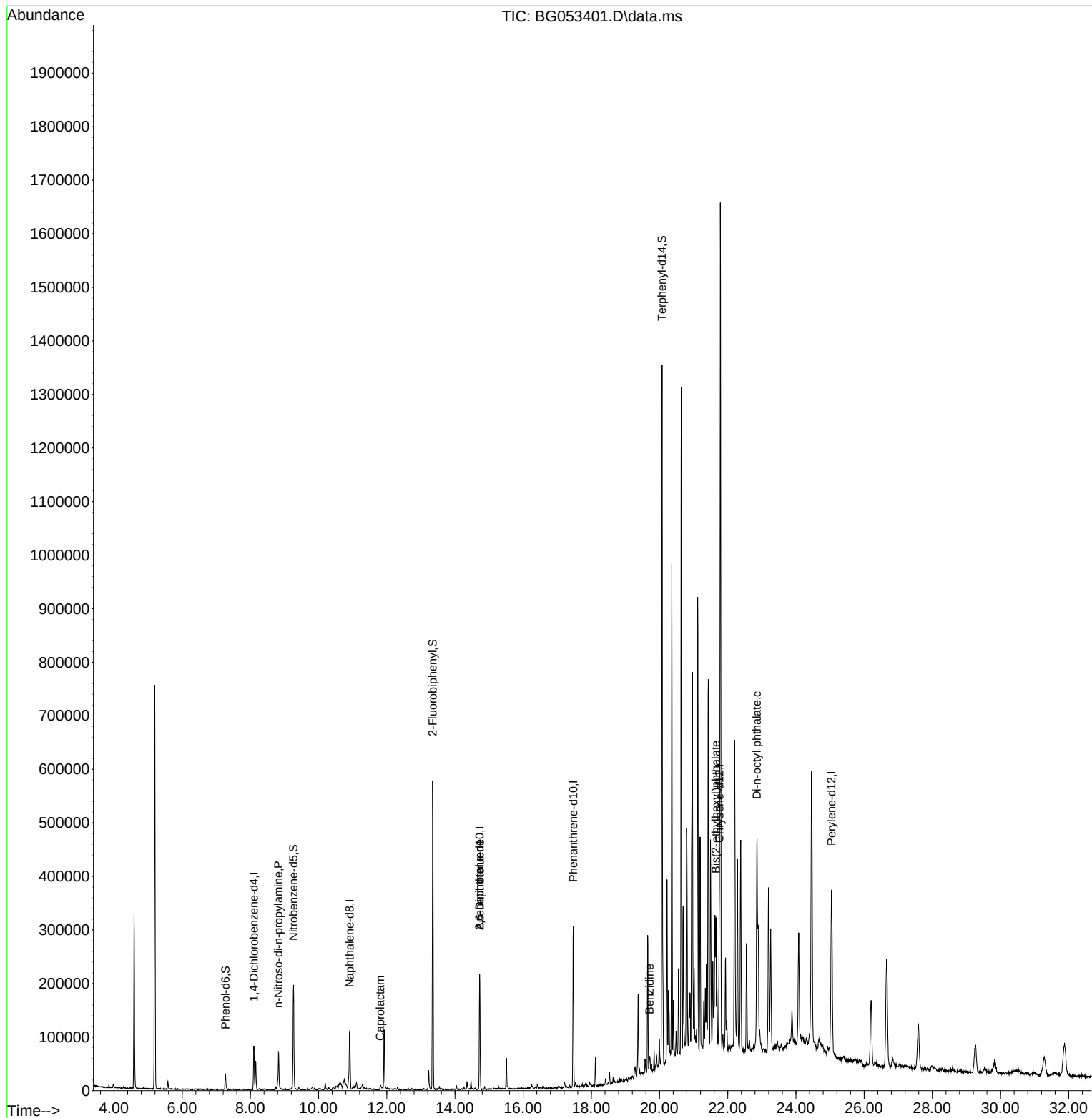
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	22889	20.000	ng	-0.01
21) Naphthalene-d8	10.915	136	91477	20.000	ng	0.00
39) Acenaphthene-d10	14.722	164	77262	20.000	ng	-0.01
64) Phenanthrene-d10	17.471	188	197211	20.000	ng	-0.01
76) Chrysene-d12	21.753	240	179949	20.000	ng	-0.01
86) Perylene-d12	25.043	264	172817	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	271	0.203	ng	0.00
7) Phenol-d6	7.267	99	18662	9.063	ng	0.00
23) Nitrobenzene-d5	9.264	82	126792	56.279	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.347	172	303828	54.225	ng	-0.01
79) Terphenyl-d14	20.073	244	601776	56.479	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.824	70	8882	5.892	ng	# 58
35) Caprolactam	11.808	113	1789	3.076	ng	# 69
51) 2,6-Dinitrotoluene	14.722	165	10019	7.771	ng	# 26
57) 2,4-Dinitrotoluene	14.722	165	10019	5.459	ng	# 24
77) Benzidine	19.703	184	14090	2.744	ng	97
84) Bis(2-ethylhexyl)phtha...	21.653	149	243367	37.682	ng	# 57
85) Di-n-octyl phthalate	22.852	149	314868	29.151	ng	# 94

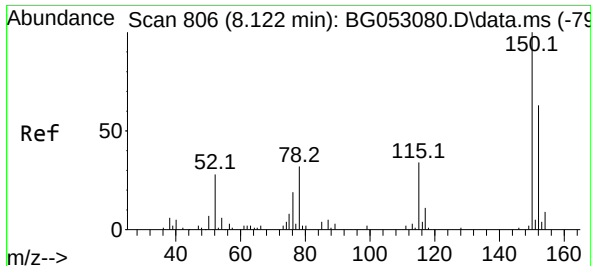
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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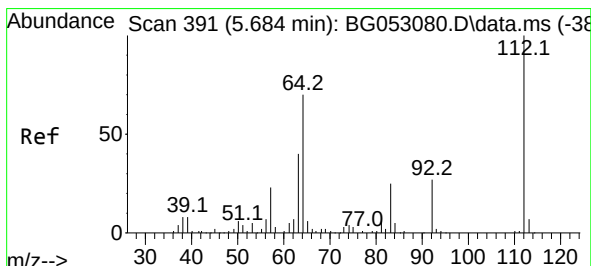
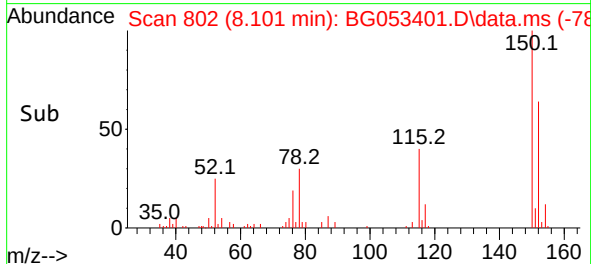
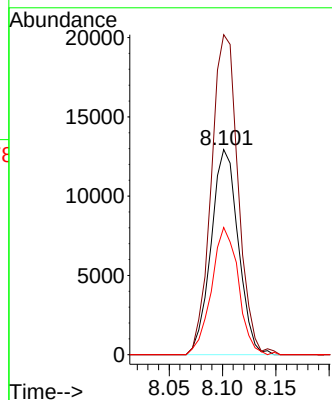
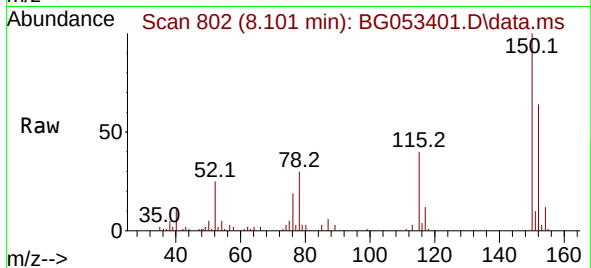




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 806
Delta R.T. -0.012 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

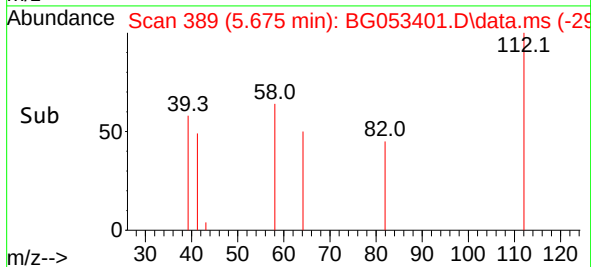
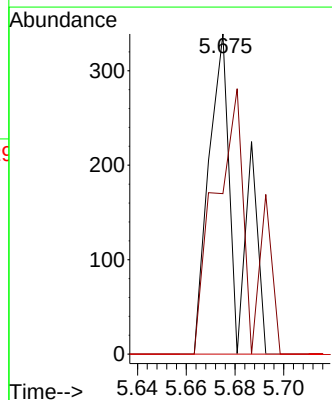
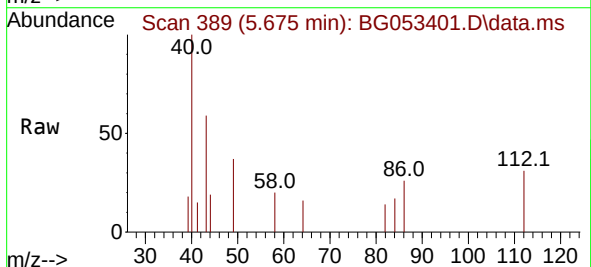
Instrument :
BNA_G
ClientSampleId :
DS-7

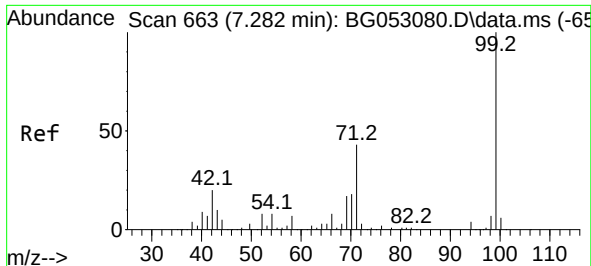
Tgt Ion:152 Resp: 22889
Ion Ratio Lower Upper
152 100
150 156.0 114.6 172.0
115 62.0 45.9 68.9



#5
2-Fluorophenol
Concen: 0.203 ng
RT: 5.675 min Scan# 389
Delta R.T. -0.001 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

Tgt Ion:112 Resp: 271
Ion Ratio Lower Upper
112 100
64 50.1 48.0 72.0
63 0.0 26.5 39.7#

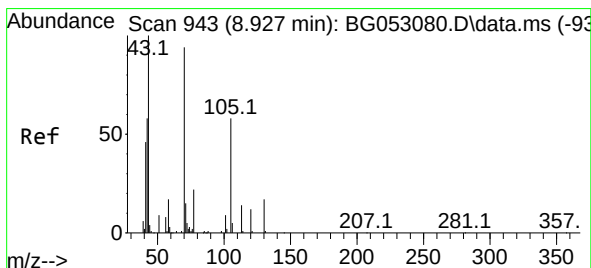
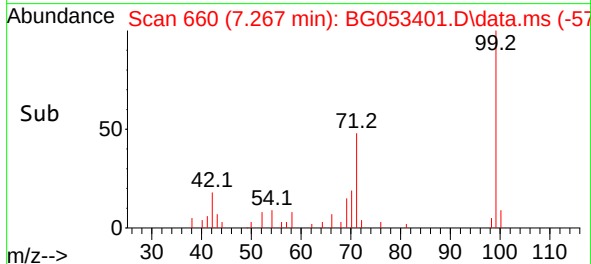
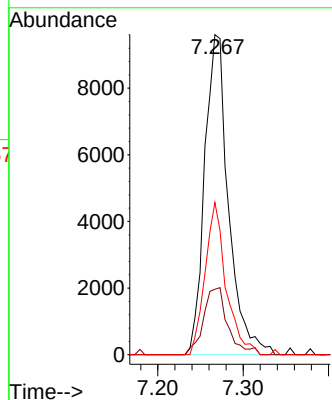
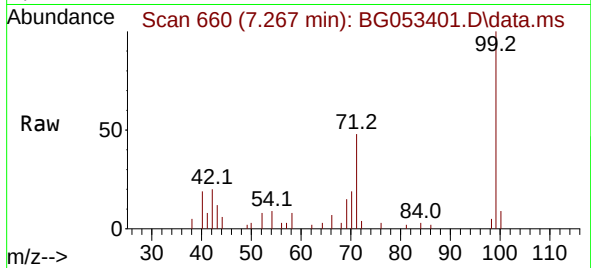




#7
Phenol-d6
Concen: 9.063 ng
RT: 7.267 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

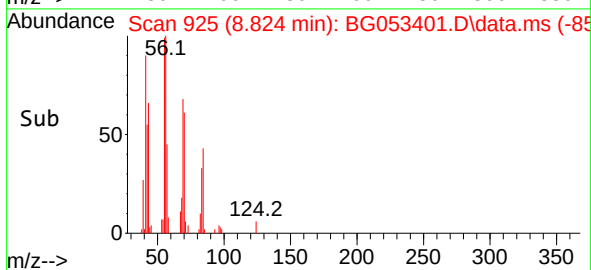
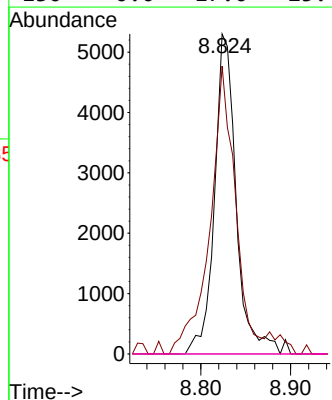
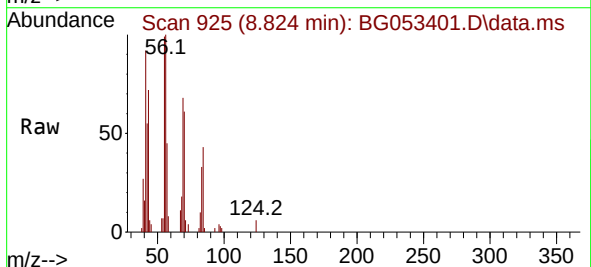
Instrument :
BNA_G
ClientSampleId :
DS-7

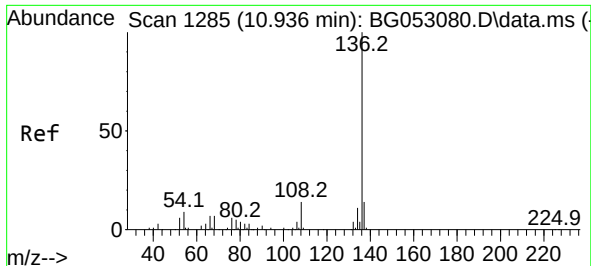
Tgt Ion: 99 Resp: 18662
Ion Ratio Lower Upper
99 100
42 20.5 14.7 22.1
71 47.6 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 5.892 ng
RT: 8.824 min Scan# 925
Delta R.T. -0.089 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

Tgt Ion: 70 Resp: 8882
Ion Ratio Lower Upper
70 100
42 90.0 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

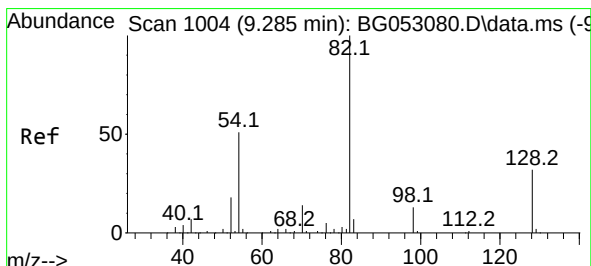
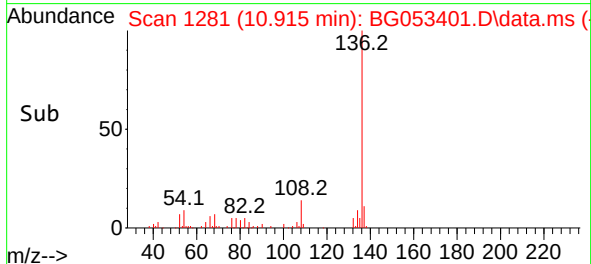
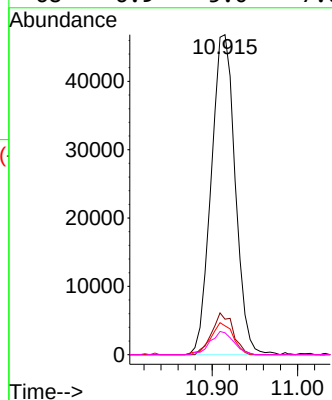
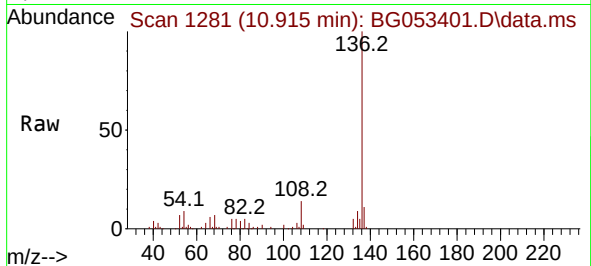




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

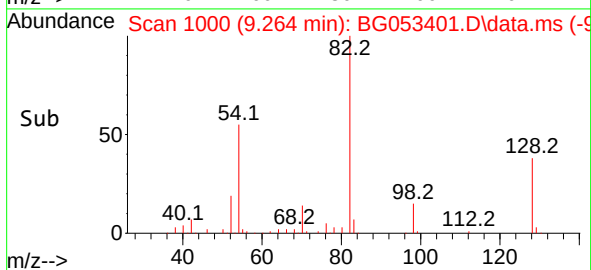
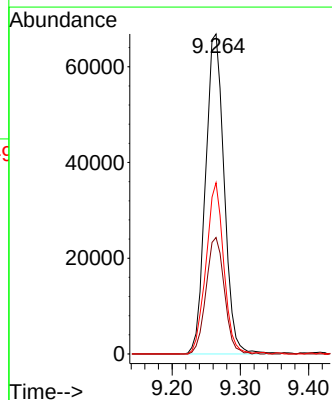
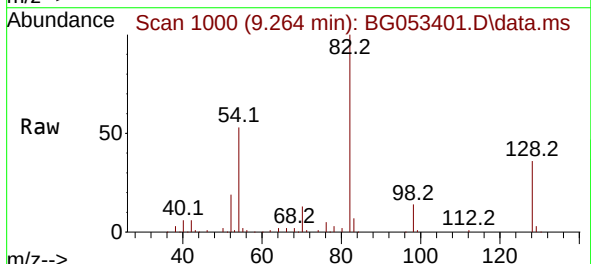
Instrument :
BNA_G
ClientSampleId :
DS-7

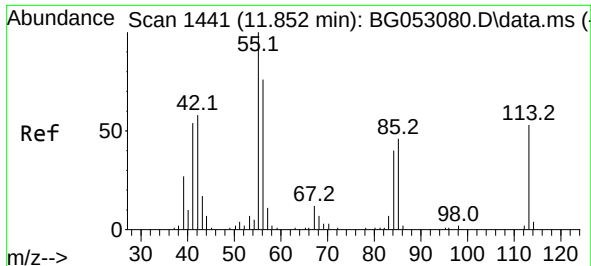
Tgt Ion:	136	Resp:	91477
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.4	14.2
54	9.0	6.4	9.6
68	6.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 56.279 ng
RT: 9.264 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

Tgt Ion:	82	Resp:	126792
Ion Ratio	Lower	Upper	
82	100		
128	36.4	31.3	46.9
54	53.5	37.8	56.8

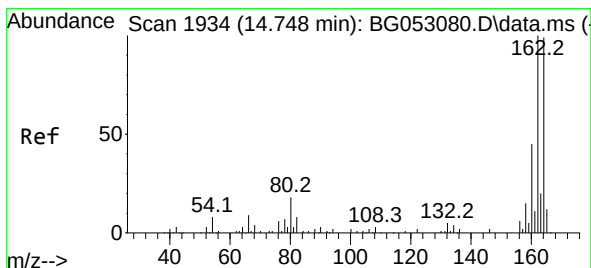
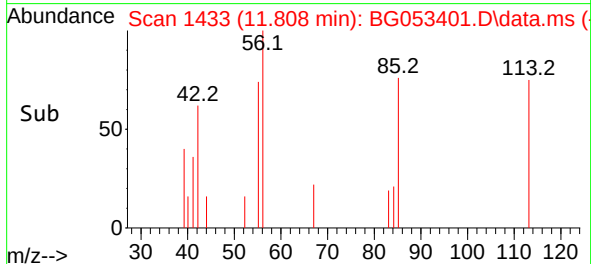
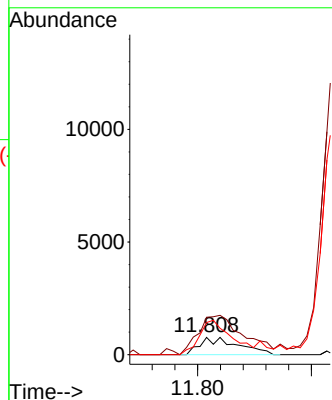
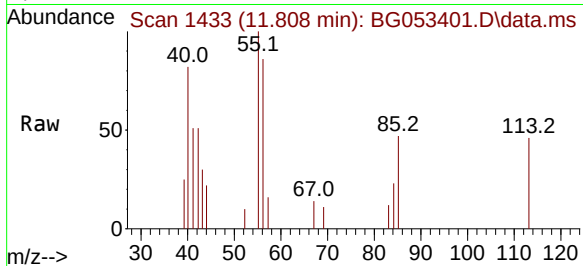




#35
 Caprolactam
 Concen: 3.076 ng
 RT: 11.808 min Scan# 1441
 Delta R.T. -0.042 min
 Lab File: BG053401.D
 Acq: 2 May 2022 16:20

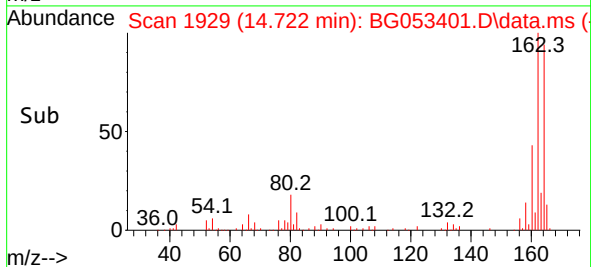
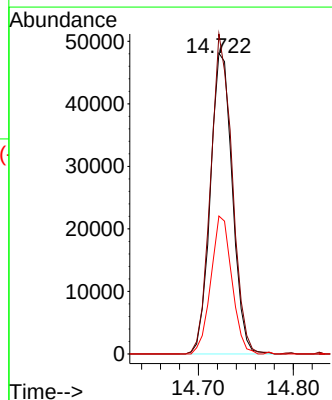
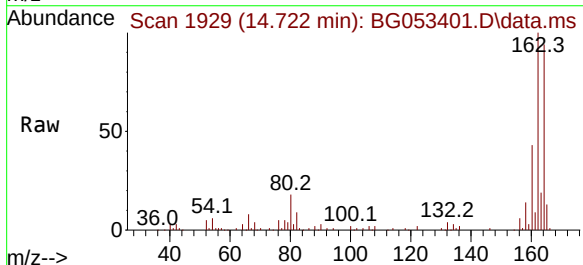
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 ClientSampleId :
 DS-7

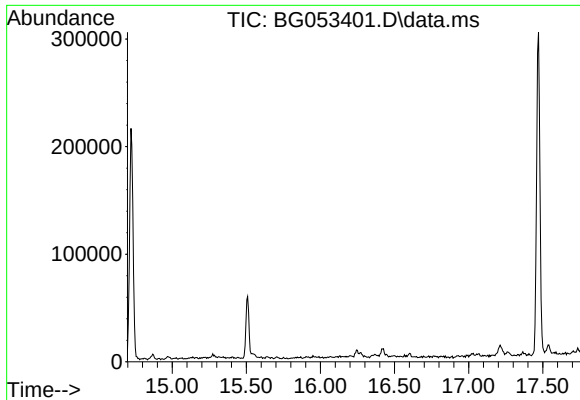
Tgt Ion:113 Resp: 1789
 Ion Ratio Lower Upper
 113 100
 55 215.6 151.3 191.3#
 56 185.2 128.5 168.5#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.722 min Scan# 1929
 Delta R.T. -0.012 min
 Lab File: BG053401.D
 Acq: 2 May 2022 16:20

Tgt Ion:164 Resp: 77262
 Ion Ratio Lower Upper
 164 100
 162 106.4 80.0 120.0
 160 45.9 38.8 58.2



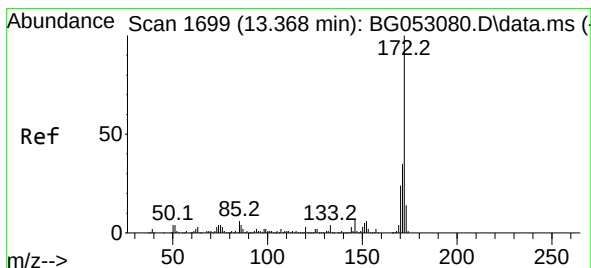
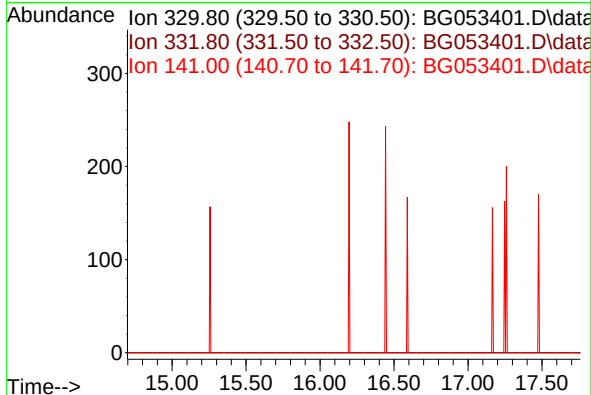


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.23 min
 Lab File: BG053401.D
 Acq: 2 May 2022 16:20

Instrument :
 BNA_G
 ClientSampleId :
 DS-7

Tgt Ion: 330

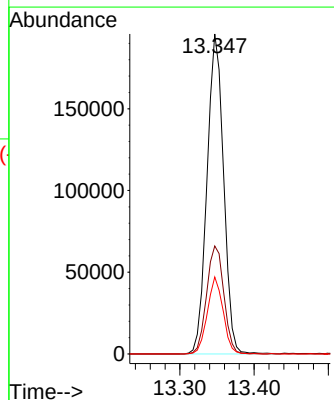
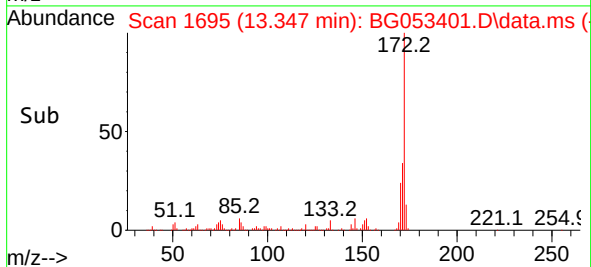
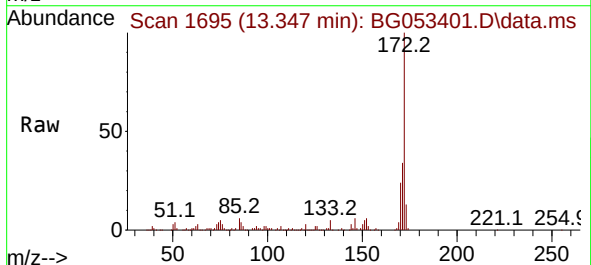
Sig	Exp Ratio
330	100
332	94.7
141	30.7

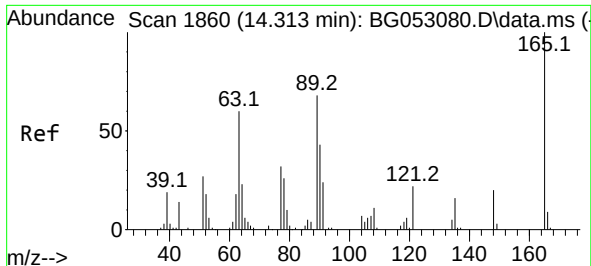


#45
 2-Fluorobiphenyl
 Concen: 54.225 ng
 RT: 13.347 min Scan# 1695
 Delta R.T. -0.012 min
 Lab File: BG053401.D
 Acq: 2 May 2022 16:20

Tgt Ion: 172 Resp: 303828

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.3	42.5
170	24.0	18.0	27.0

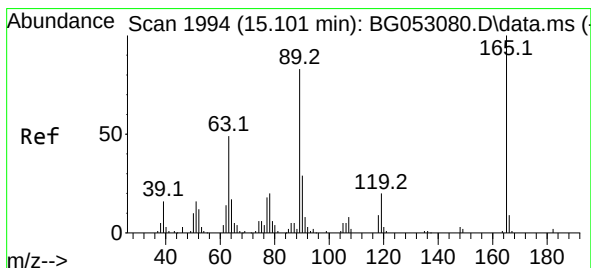
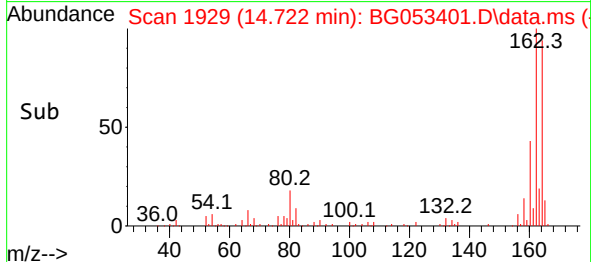
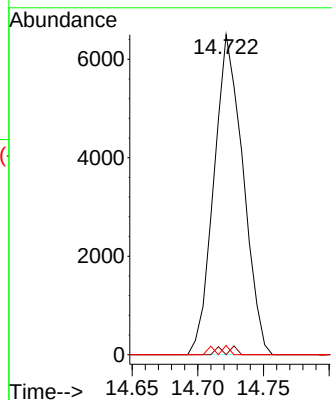
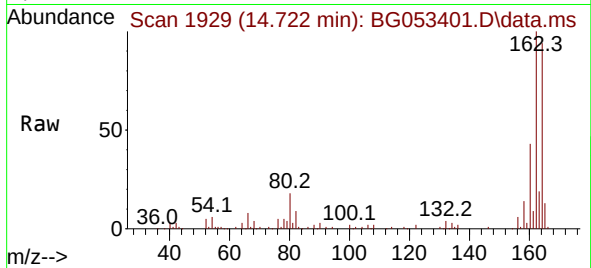




#51
2,6-Dinitrotoluene
Concen: 7.771 ng
RT: 14.722 min Scan# 1929
Delta R.T. 0.416 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

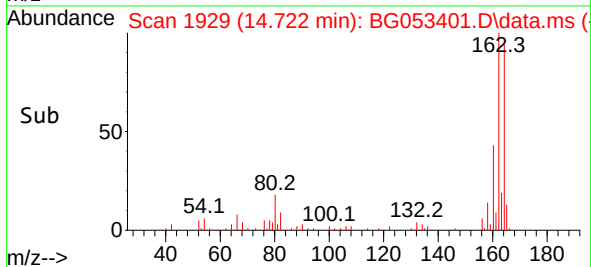
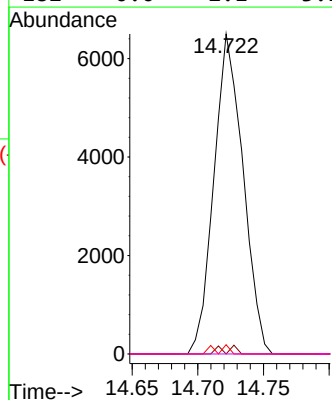
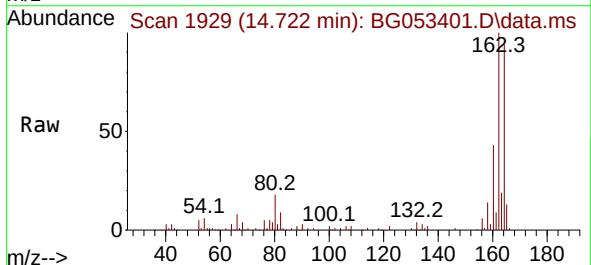
Instrument :
BNA_G
ClientSampleId :
DS-7

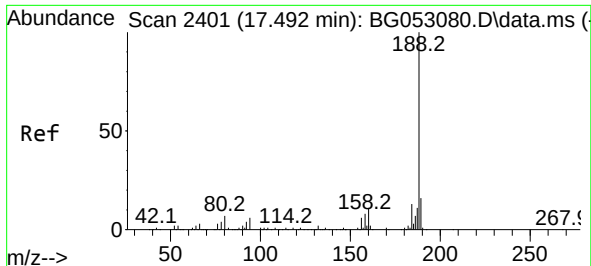
Tgt Ion:165 Resp: 10019
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.9 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.459 ng
RT: 14.722 min Scan# 1929
Delta R.T. -0.371 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

Tgt Ion:165 Resp: 10019
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.9 57.4 86.0#
182 0.0 2.1 3.1#

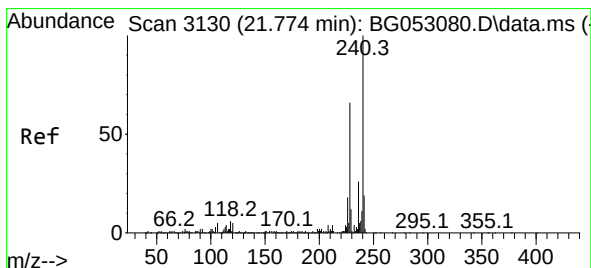
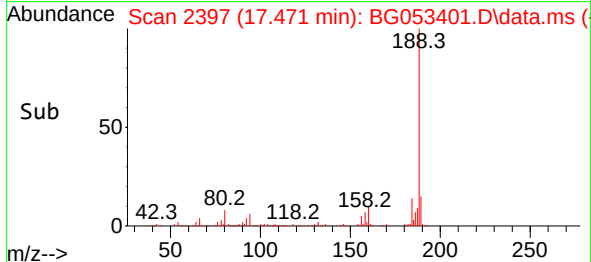
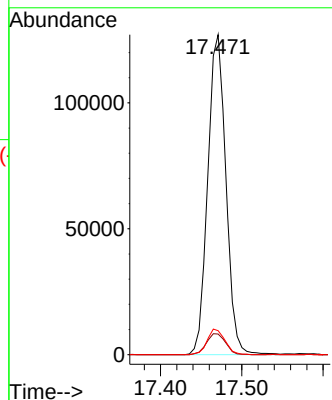
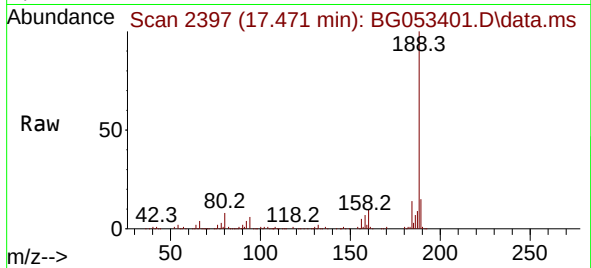




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.471 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

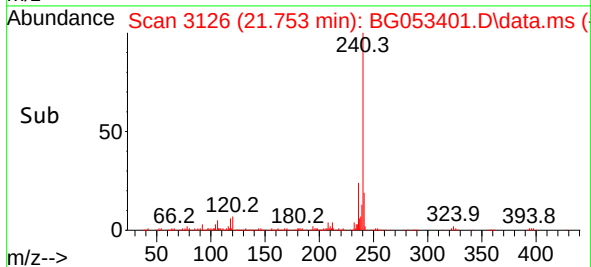
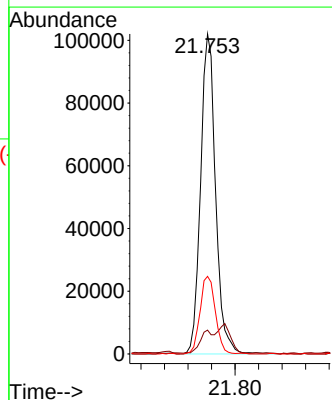
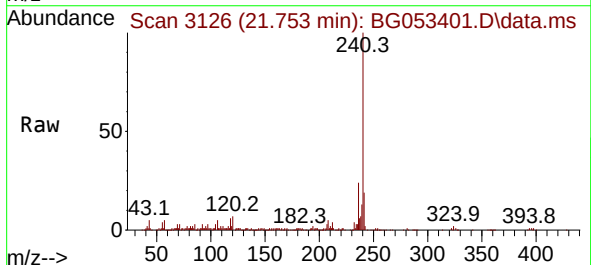
Instrument :
BNA_G
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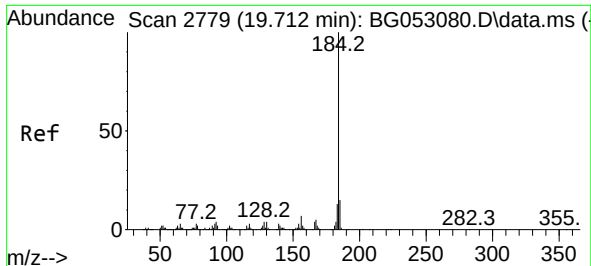
Tgt Ion:188 Resp: 197211
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 7.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.753 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

Tgt Ion:240 Resp: 179949
Ion Ratio Lower Upper
240 100
120 7.5 5.4 8.0
236 24.2 19.8 29.6

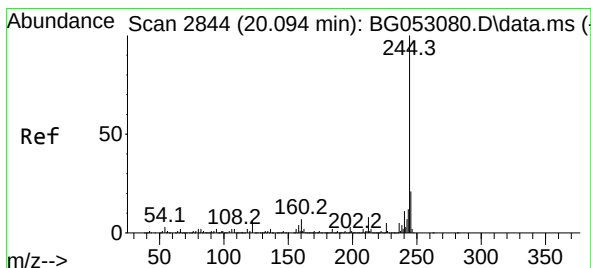
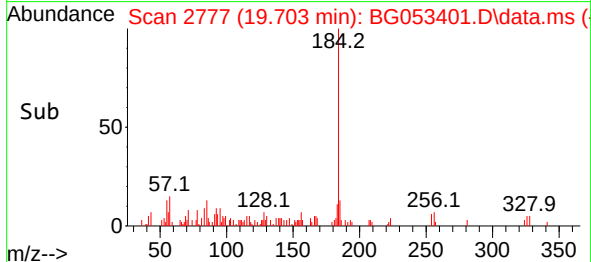
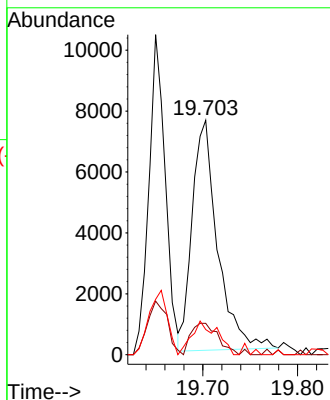
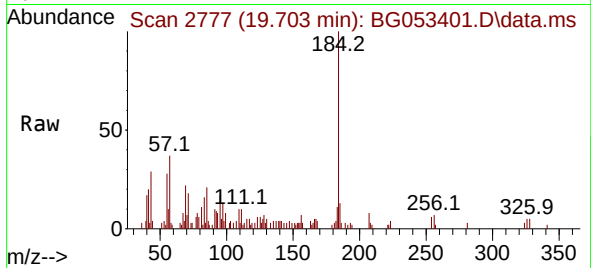




#77
Benzidine
Concen: 2.744 ng
RT: 19.703 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

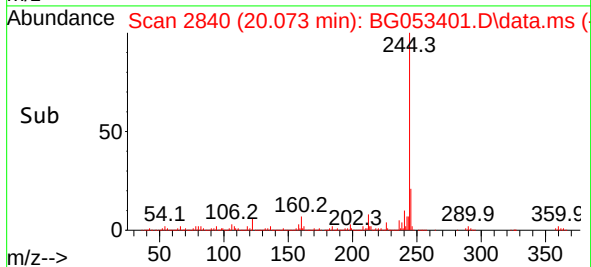
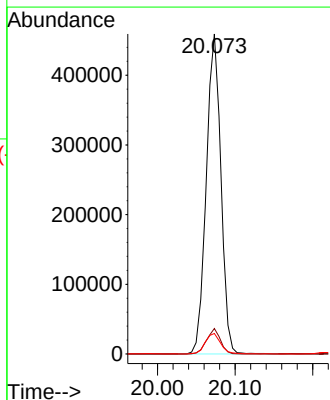
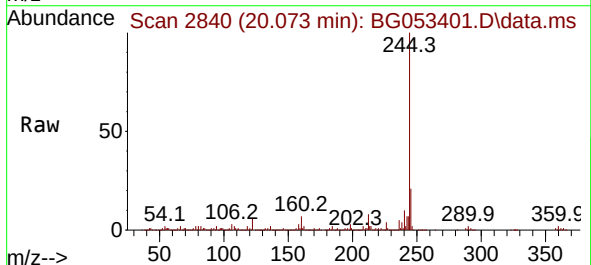
Instrument :
BNA_G
ClientSampleId :
DS-7

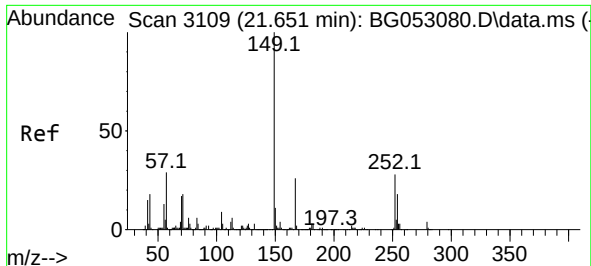
Tgt Ion:184 Resp: 14090
Ion Ratio Lower Upper
184 100
185 13.4 11.5 17.3
183 10.7 9.4 14.2



#79
Terphenyl-d14
Concen: 56.479 ng
RT: 20.073 min Scan# 2840
Delta R.T. -0.012 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

Tgt Ion:244 Resp: 601776
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.4 5.8 8.6

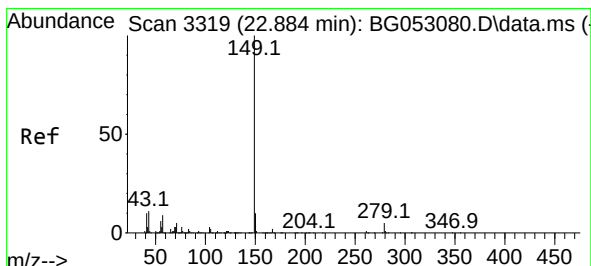
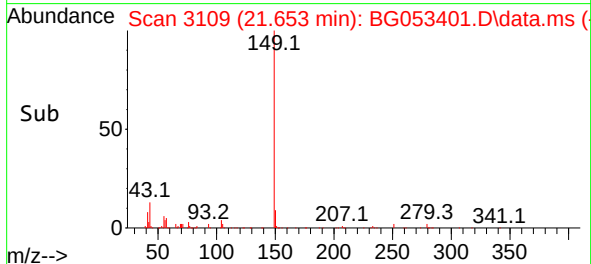
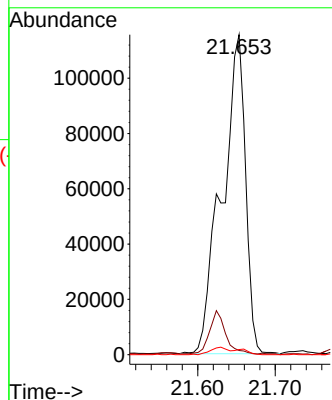
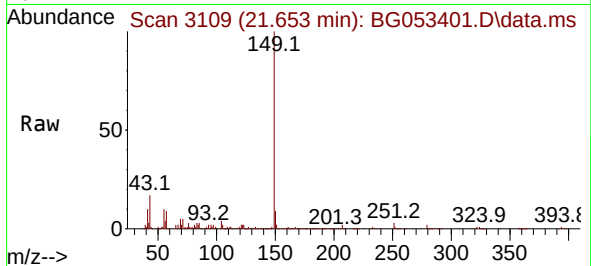




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.682 ng
 RT: 21.653 min Scan# 3109
 Delta R.T. 0.017 min
 Lab File: BG053401.D
 Acq: 2 May 2022 16:20

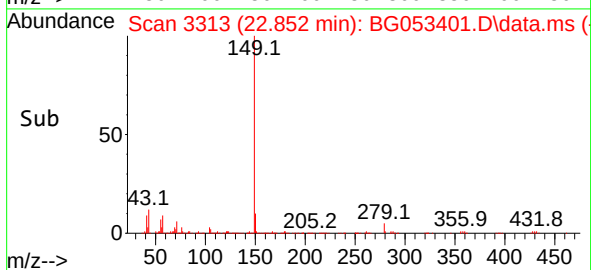
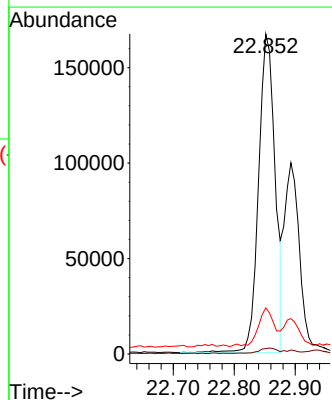
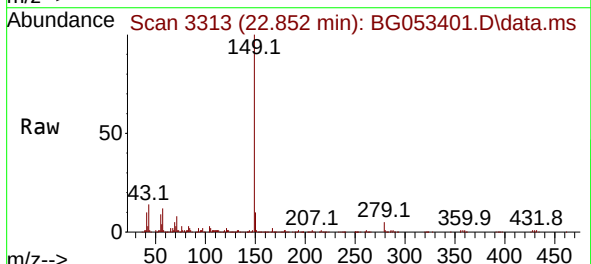
Instrument :
 BNA_G
 ClientSampleId :
 DS-7

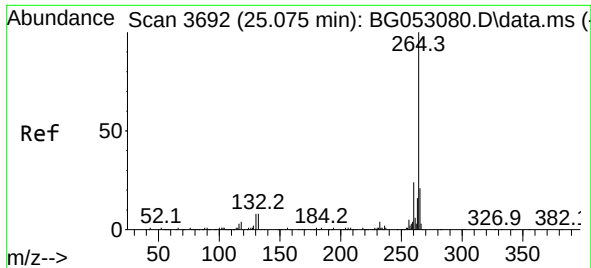
Tgt Ion:149 Resp: 243367
 Ion Ratio Lower Upper
 149 100
 167 1.3 21.4 32.2#
 279 1.6 3.8 5.8#



#85
 Di-n-octyl phthalate
 Concen: 29.151 ng
 RT: 22.852 min Scan# 3313
 Delta R.T. -0.018 min
 Lab File: BG053401.D
 Acq: 2 May 2022 16:20

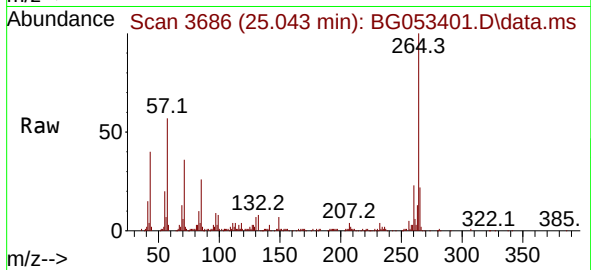
Tgt Ion:149 Resp: 314868
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 11.9 7.6 11.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.043 min Scan# 30
Delta R.T. -0.018 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

Instrument :
BNA_G
ClientSampleId :
DS-7



Tgt Ion:264 Resp: 172817

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.5	15.1	22.7

